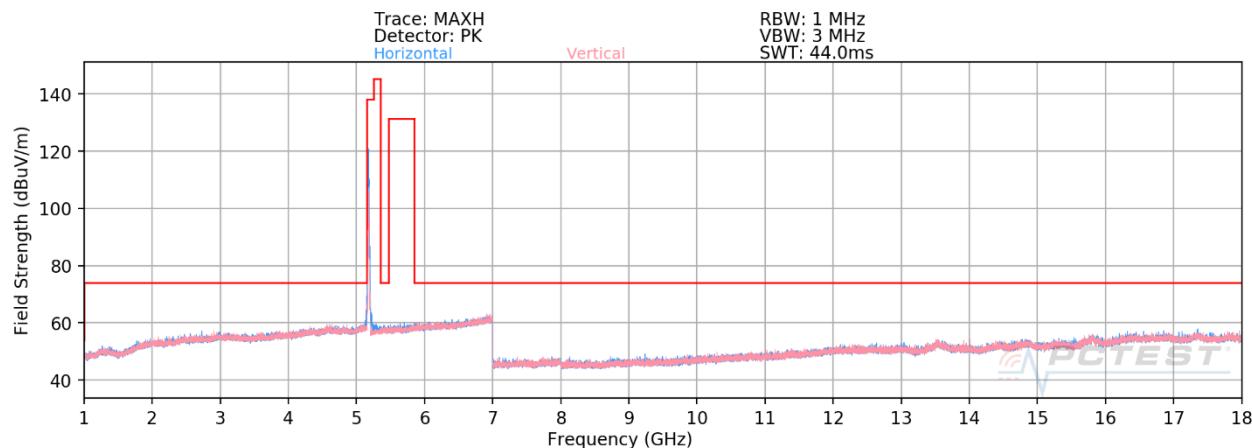
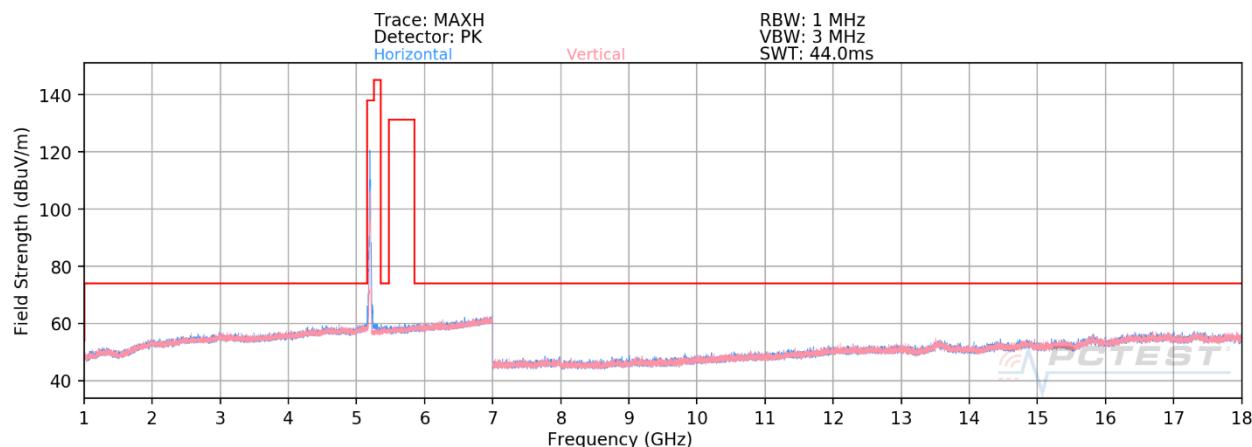


6.6.1 SISO Core 0 Radiated Spurious Emission Measurements

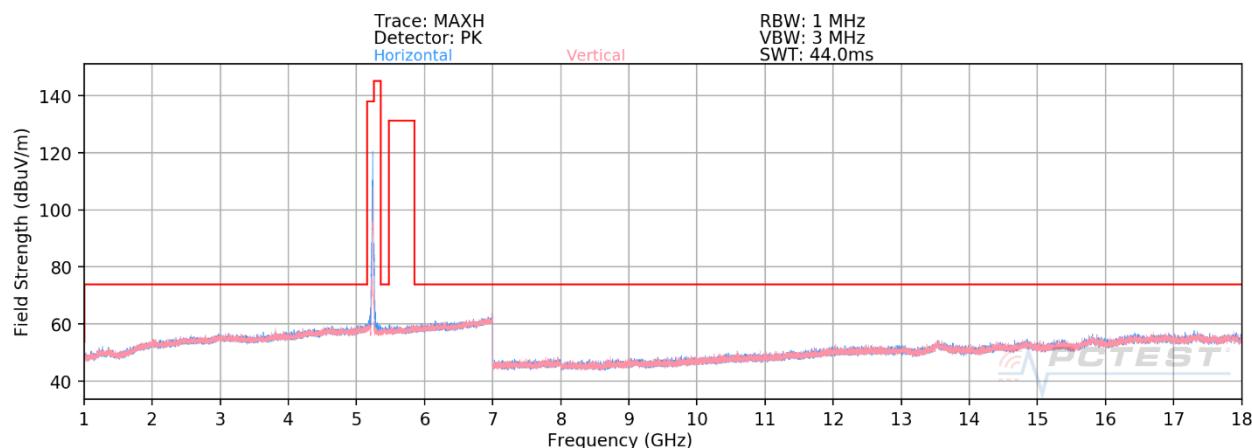
RU26



Plot 7-721. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 36 – RU26)

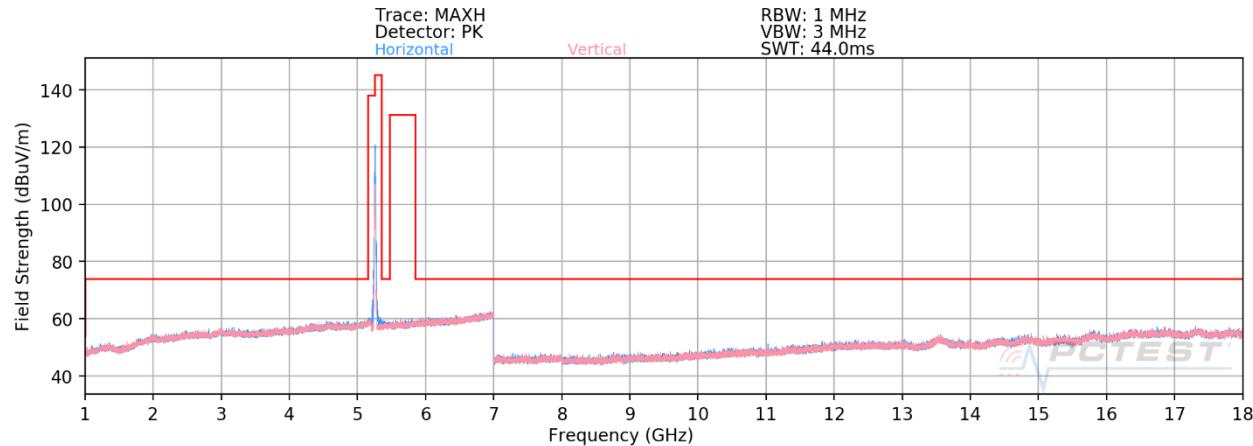


Plot 7-722. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 40 – RU26)

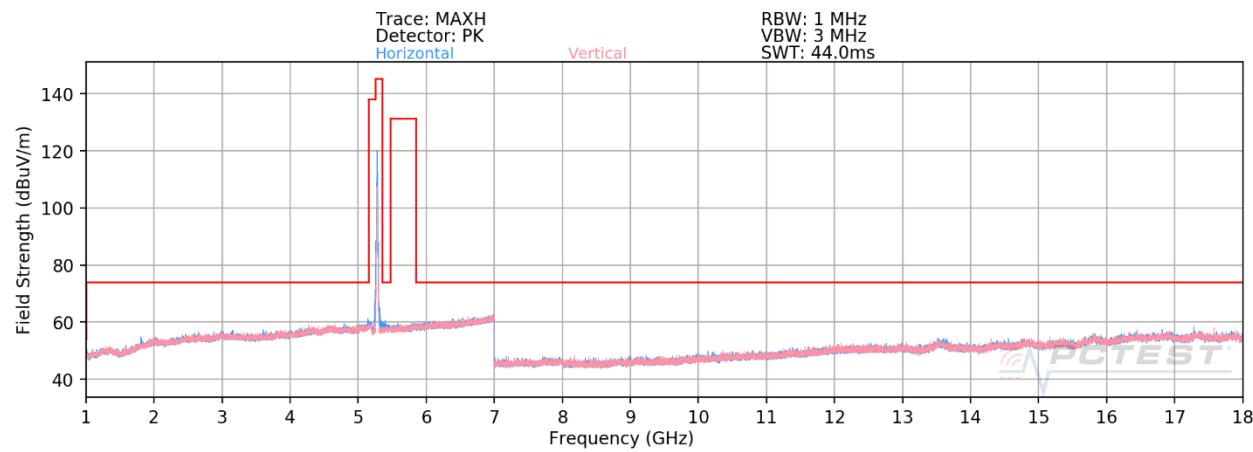


Plot 7-723. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 48 – RU26)

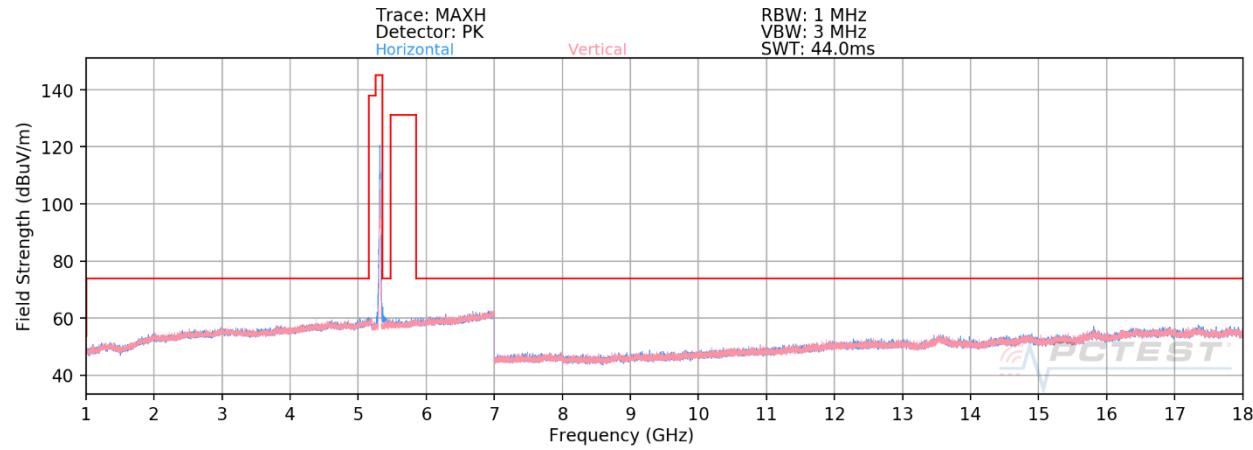
FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 421 of 563



Plot 7-724. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 52 – RU26)

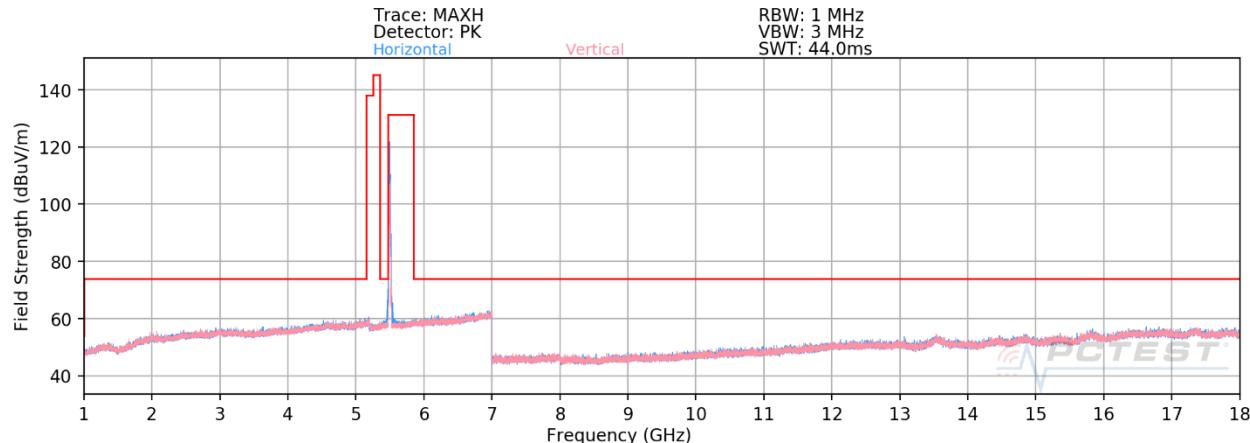


Plot 7-725. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 56 – RU26)

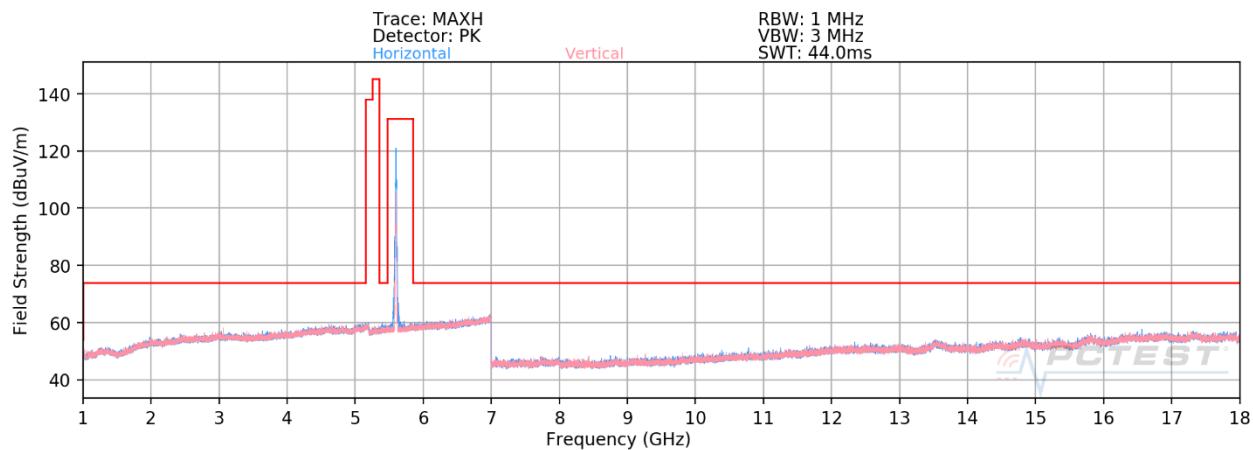


Plot 7-726. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU26)

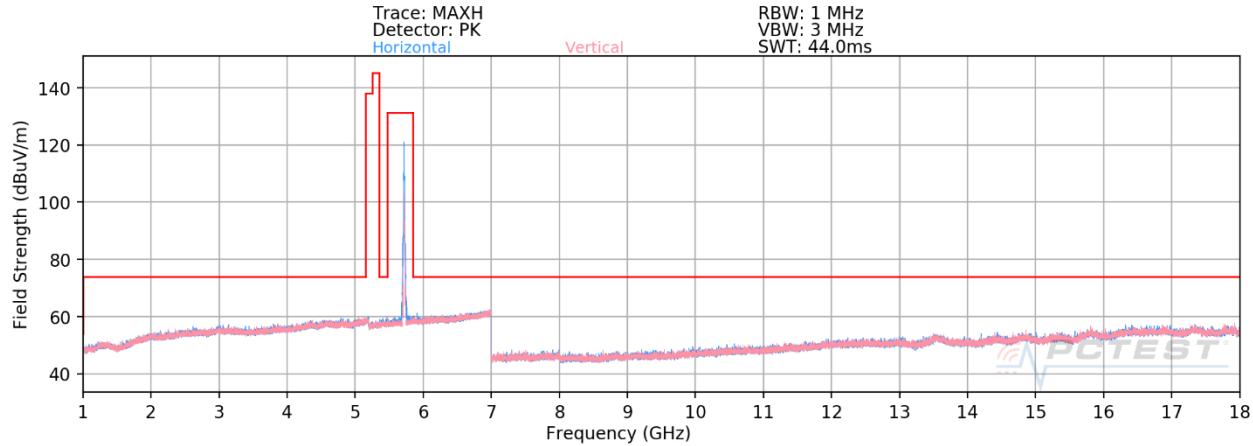
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 422 of 563



Plot 7-727. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 100 – RU26)

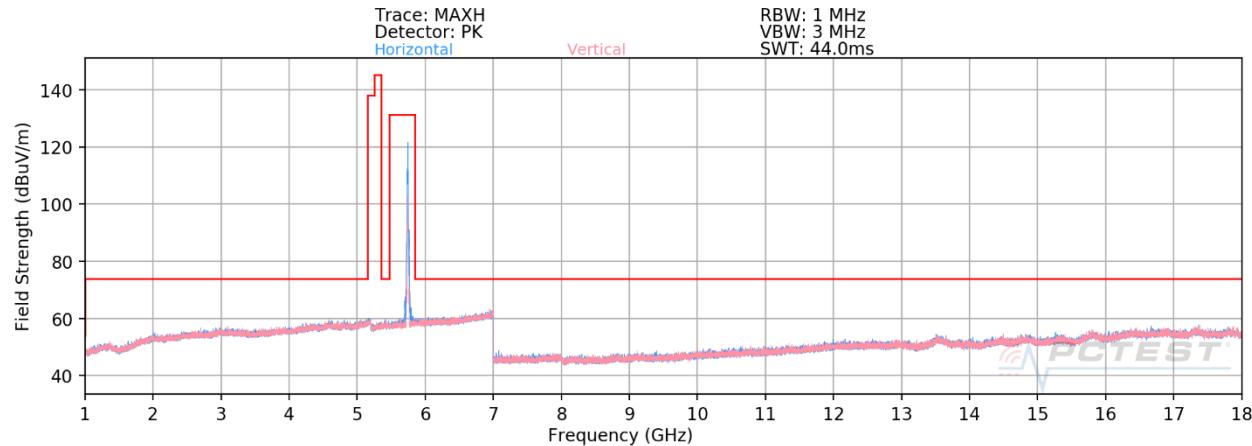


Plot 7-728. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU26)

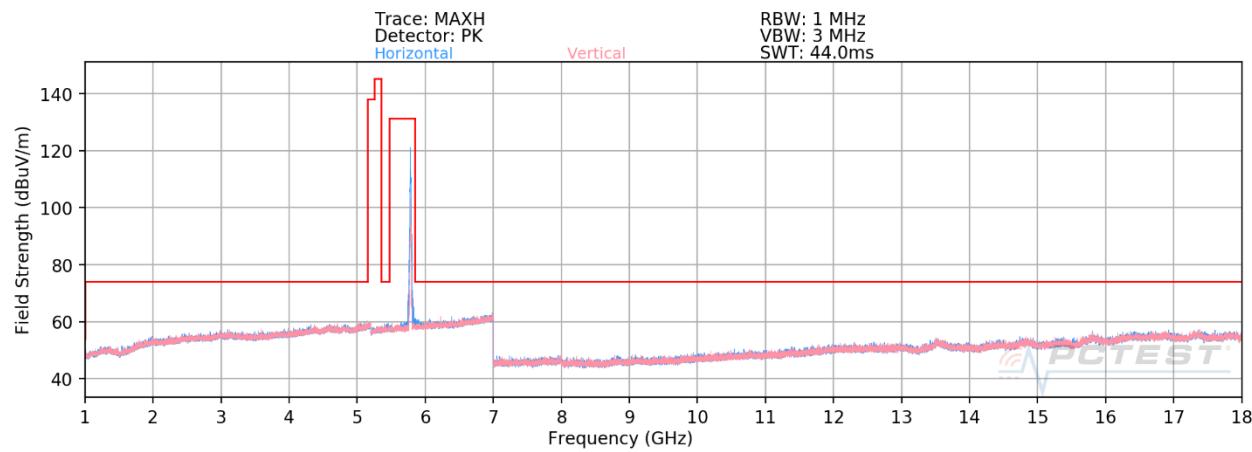


Plot 7-729. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU26)

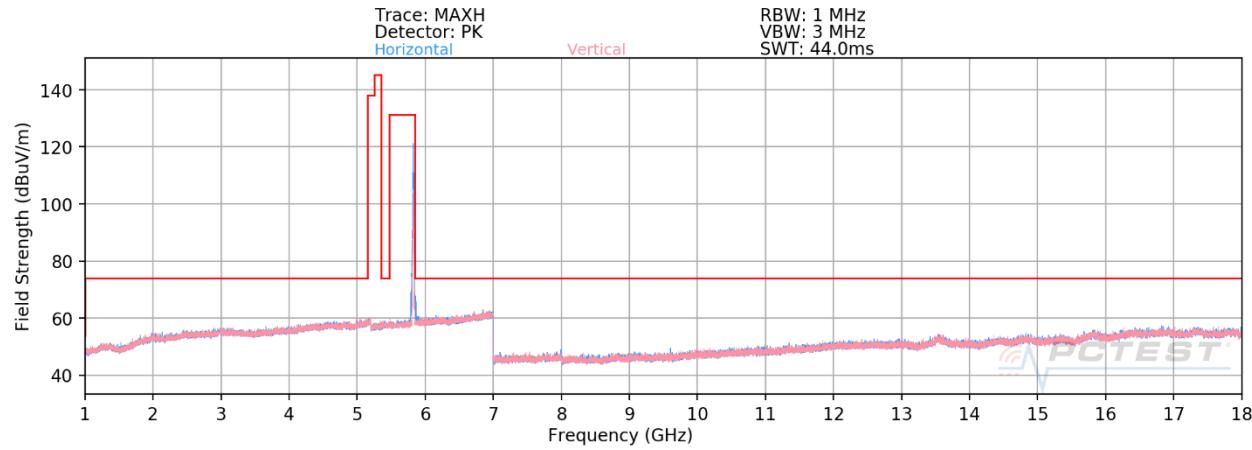
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 423 of 563



Plot 7-730. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 149 – RU26)



Plot 7-731. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 157 – RU26)



Plot 7-732. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 165 – RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 424 of 563

SISO Core 0 Radiated Spurious Emission Measurements (RU26)

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

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>54</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5180MHz</u>
Channel:	<u>36</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-71.79	14.25	49.46	68.20	-18.74
15540.00	Average	H	-	-	-85.55	20.62	42.07	53.98	-11.91
15540.00	Peak	H	-	-	-74.94	20.62	52.68	73.98	-21.30

Table 7-83. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>54</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5200MHz</u>
Channel:	<u>40</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-84.20	14.06	36.86	68.20	-31.34
15600.00	Average	H	-	-	-85.58	20.59	42.01	53.98	-11.97
15600.00	Peak	H	-	-	-74.32	20.59	53.27	73.98	-20.71

Table 7-84. Radiated Measurements SISO CORE 0 (RU26)

FCC ID: BCGA2229		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 425 of 563

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-72.93	14.54	48.61	68.20	-19.59
15720.00	Average	H	-	-	-85.84	21.09	42.25	53.98	-11.73
15720.00	Peak	H	-	-	-74.45	21.09	53.64	73.98	-20.34

Table 7-85. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.58	14.89	50.31	68.20	-17.89
15780.00	Average	H	-	-	-86.13	20.78	41.65	53.98	-12.32
15780.00	Peak	H	-	-	-75.21	20.78	52.57	73.98	-21.40

Table 7-86. Radiated Measurements SISO CORE 0 (RU26)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-72.35	14.54	49.19	68.20	-19.01
15840.00	Average	H	-	-	-86.29	21.24	41.95	53.98	-12.03
15840.00	Peak	H	-	-	-75.43	21.24	52.81	73.98	-21.17

Table 7-87. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	54
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10640.00	Average	H	-	-	-83.87	14.96	38.09	53.98	-15.89
10640.00	Peak	H	-	-	-72.76	14.96	49.20	73.98	-24.78
15960.00	Average	H	-	-	-85.54	21.96	43.42	53.98	-10.56
15960.00	Peak	H	-	-	-74.22	21.96	54.74	73.98	-19.24

Table 7-88. Radiated Measurements SISO CORE 0 (RU26)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 427 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11000.00	Average	H	-	-	-76.60	16.36	46.76	53.98	-7.22
11000.00	Peak	H	-	-	-73.18	16.36	50.18	73.98	-23.80
16500.00	Peak	H	-	-	-73.23	21.84	55.61	68.20	-12.59

Table 7-89. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11160.00	Average	H	-	-	-84.59	16.15	38.56	53.98	-15.42
11160.00	Peak	H	-	-	-73.54	16.15	49.61	73.98	-24.37
16740.00	Peak	H	-	-	-74.17	22.18	55.01	68.20	-13.19

Table 7-90. Radiated Measurements SISO CORE 0 (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device		

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11440.00	Average	H	-	-	-84.86	17.00	39.14	53.98	-14.84
11440.00	Peak	H	-	-	-73.02	17.00	50.98	73.98	-23.00
17160.00	Peak	H	-	-	-74.20	22.04	54.84	68.20	-13.36

Table 7-91. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11490.00	Average	H	-	-	-84.83	16.41	38.58	53.98	-15.40
11490.00	Peak	H	-	-	-73.71	16.41	49.70	73.98	-24.28
17235.00	Peak	H	-	-	-73.34	22.58	56.24	68.20	-11.96

Table 7-92. Radiated Measurements SISO CORE 0 (RU26)

FCC ID: BCGA2229	PCTEST® MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			Page 429 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11570.00	Average	H	-	-	-84.63	16.96	39.33	53.98	-14.65
11570.00	Peak	H	-	-	-73.08	16.96	50.88	73.98	-23.10
17355.00	Peak	H	-	-	-73.23	22.57	56.34	68.20	-11.86

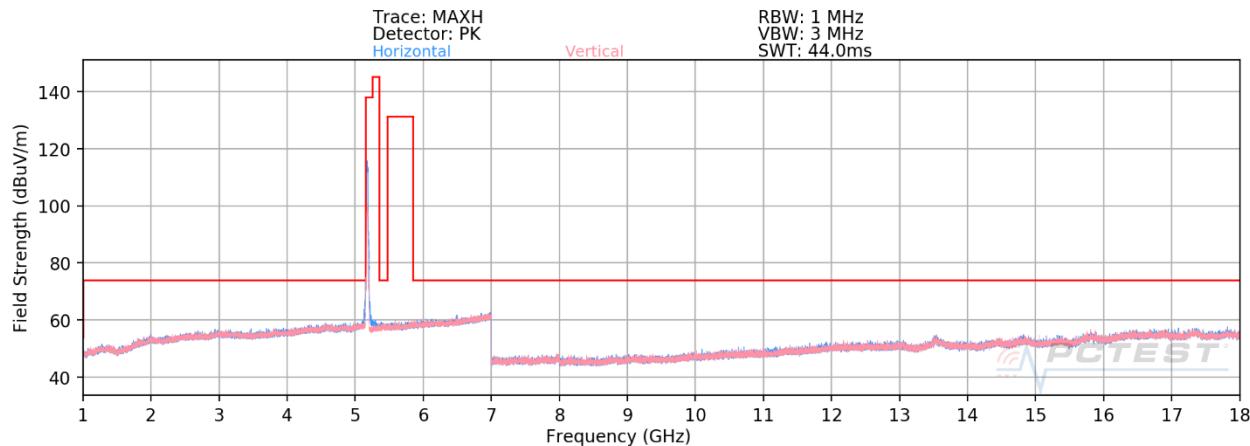
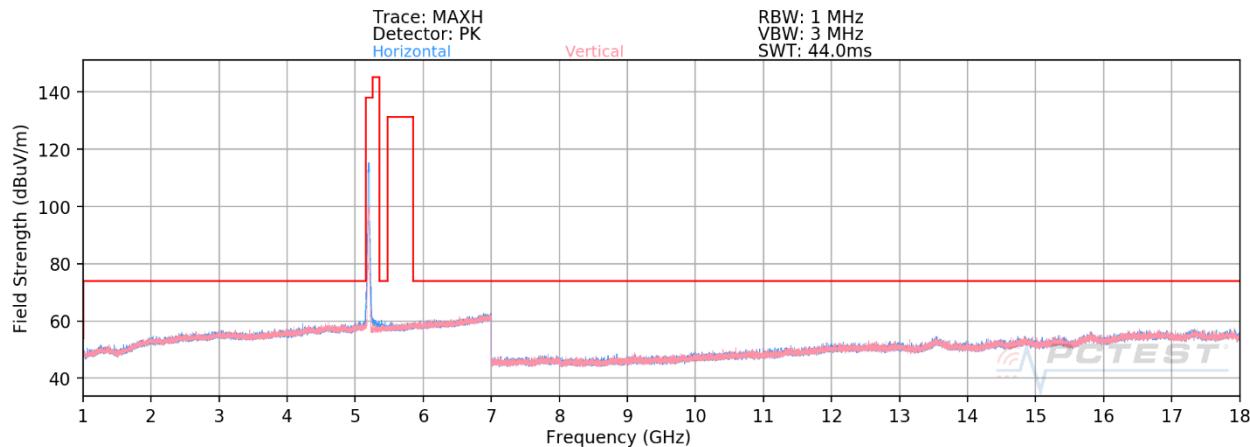
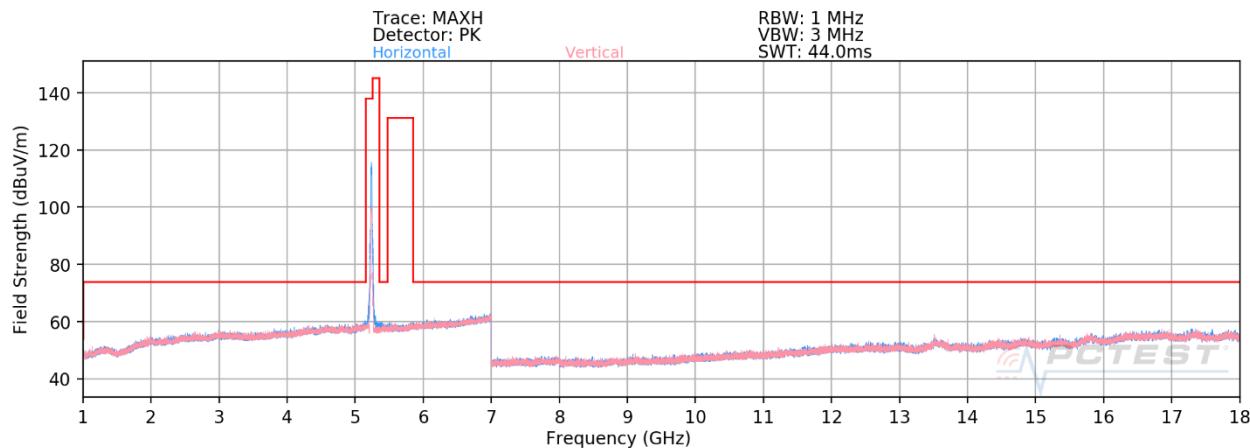
Table 7-93. Radiated Measurements SISO CORE 0 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

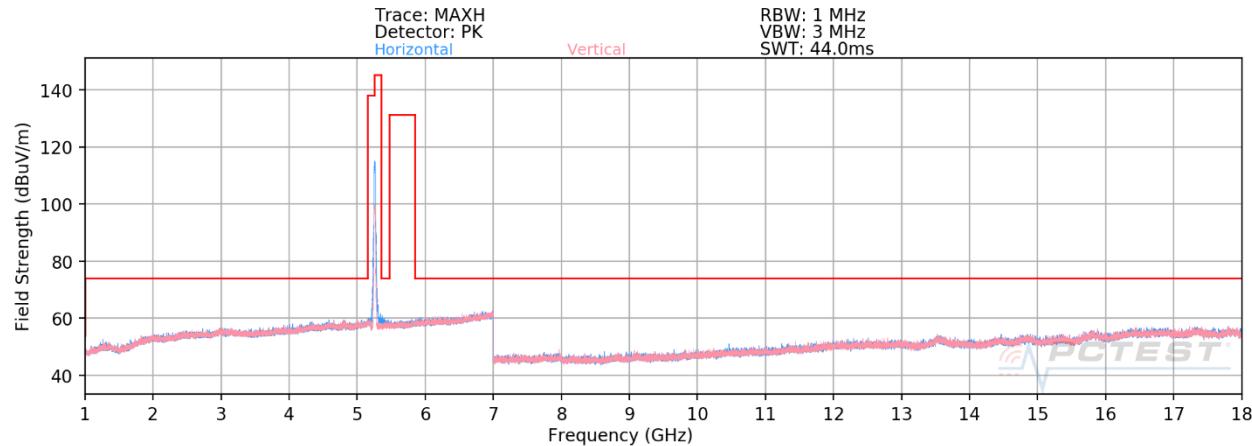
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11650.00	Average	H	-	-	-84.54	16.43	38.89	53.98	-15.09
11650.00	Peak	H	-	-	-72.87	16.43	50.56	73.98	-23.42
17475.00	Peak	H	-	-	-73.31	21.90	55.59	68.20	-12.61

Table 7-94. Radiated Measurements SISO CORE 0 (RU26)

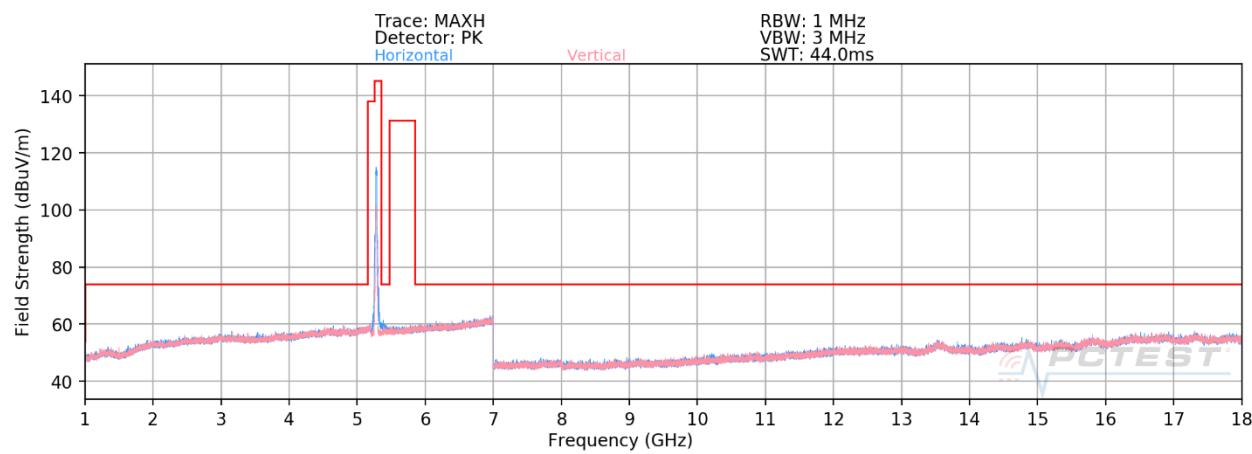
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 430 of 563	


Plot 7-733. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 36 – RU242)

Plot 7-734. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 40 – RU242)

Plot 7-735. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U1 Ch. 48 – RU242)

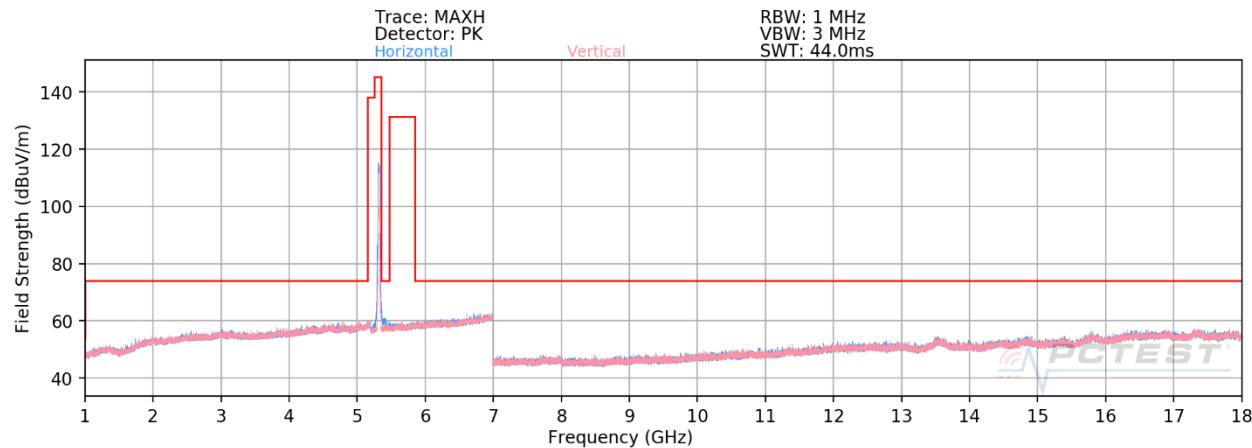
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 431 of 563



Plot 7-736. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 52 – RU242)

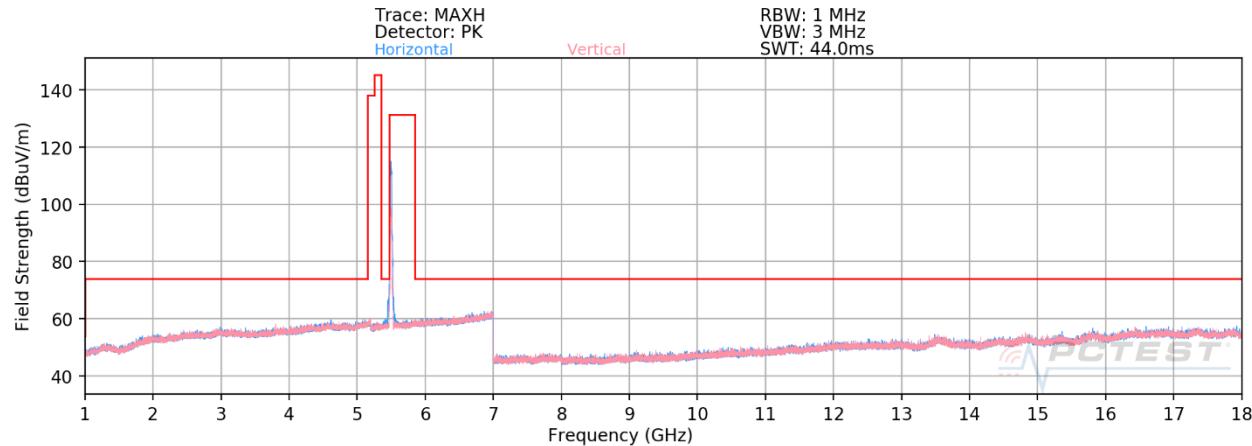


Plot 7-737. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 56 – RU242)

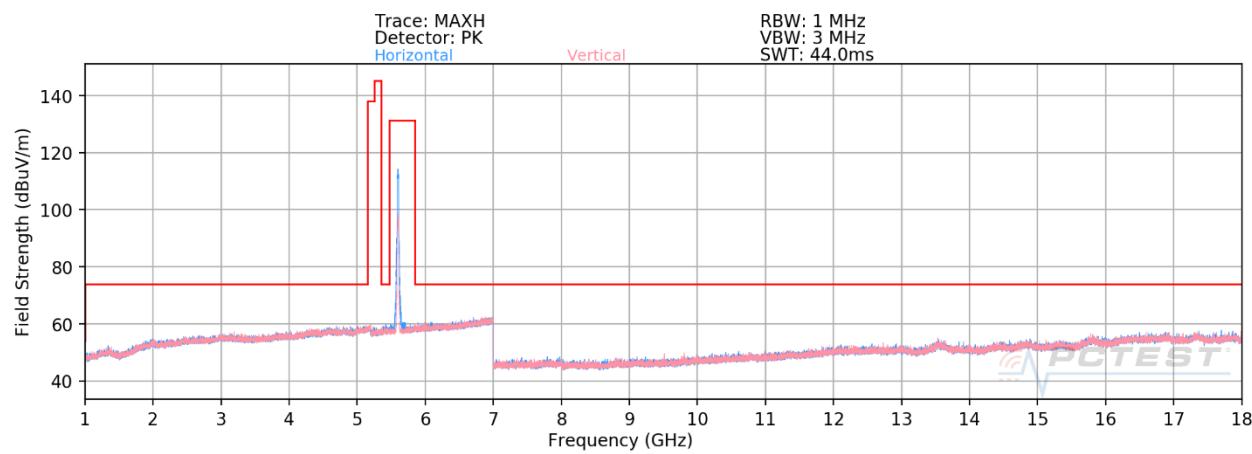


Plot 7-738. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2A Ch. 64 – RU242)

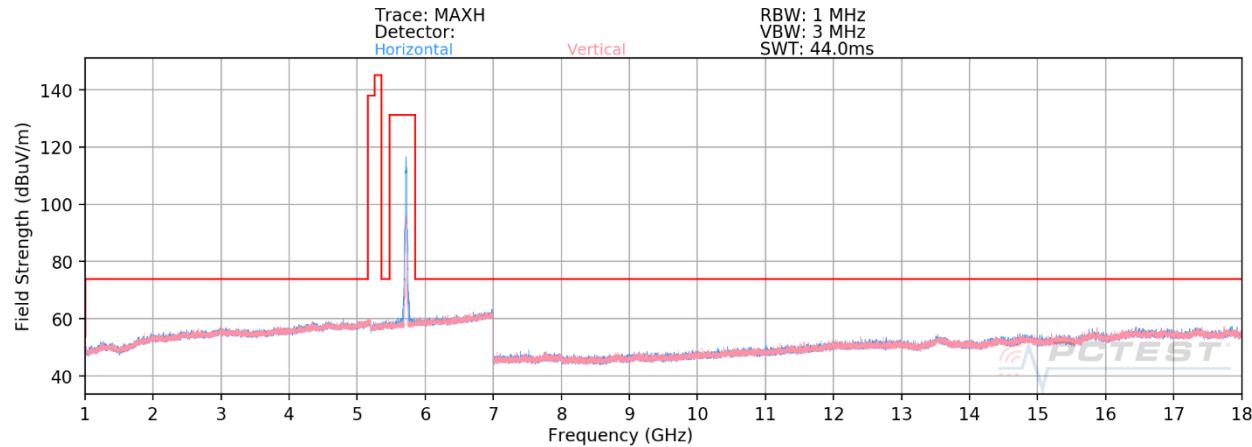
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 432 of 563



Plot 7-739. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 100 – RU242)

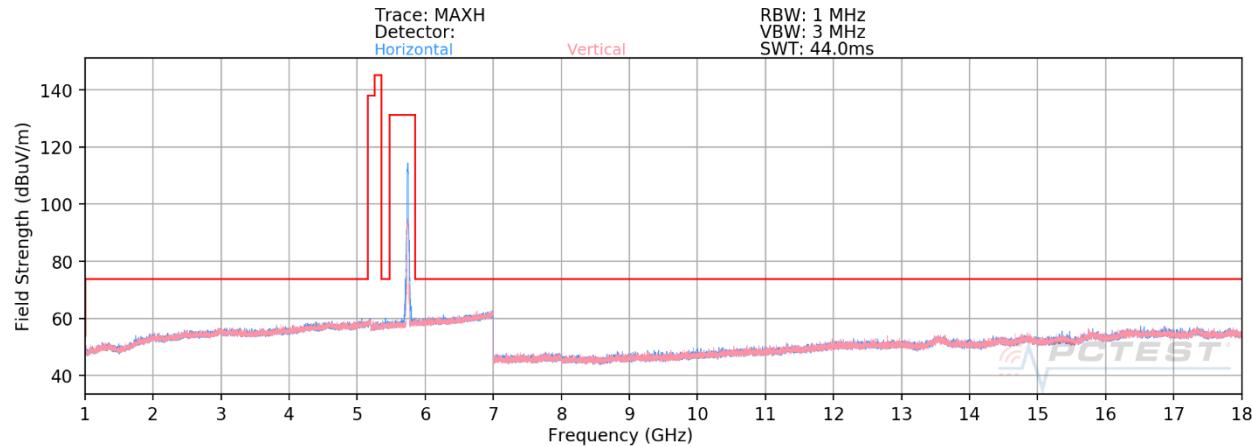


Plot 7-740. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 116 – RU242)

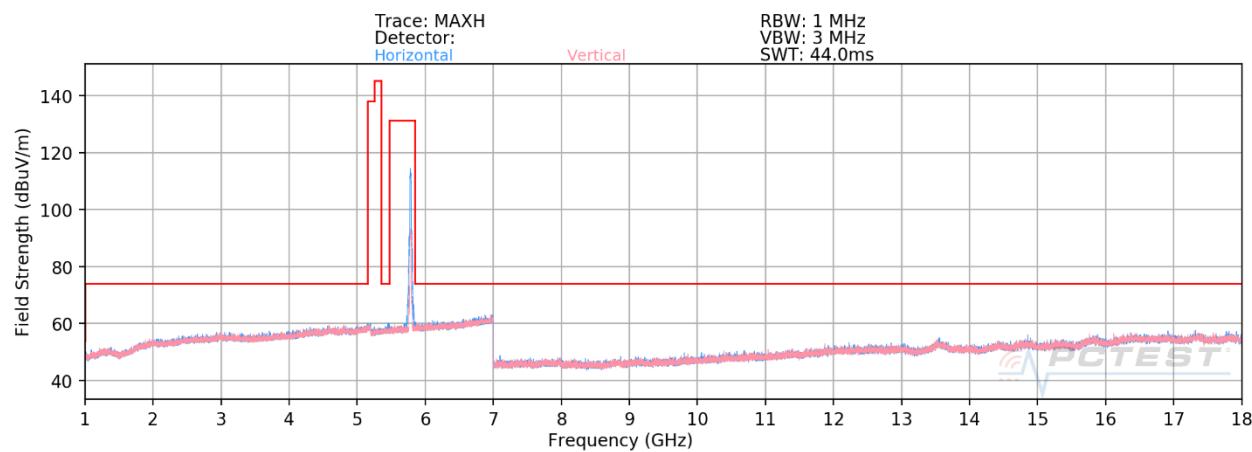


Plot 7-741. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U2C Ch. 144 – RU242)

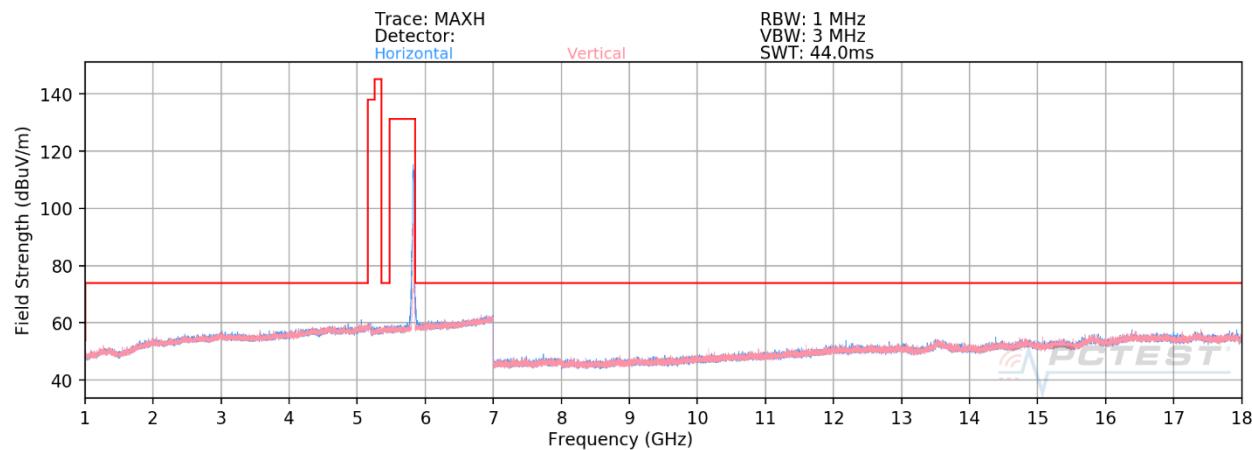
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 433 of 563



Plot 7-742. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 149 – RU242)



Plot 7-743. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 157 – RU242)



Plot 7-744. Radiated Spurious Plot above 1GHz SISO CORE 0 (802.11ax – U3 Ch. 165 – RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 434 of 563

SISO Core 0 Radiated Spurious Emission Measurements (RU242)

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

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-71.52	14.25	49.73	68.20	-18.47
15540.00	Average	H	-	-	-85.47	20.62	42.15	53.98	-11.83
15540.00	Peak	H	-	-	-73.96	20.62	53.66	73.98	-20.32

Table 7-95. Radiated Measurements SISO CORE 0 (RU242)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	H	-	-	-72.15	14.06	48.91	68.20	-19.29
15600.00	Average	H	-	-	-85.21	20.59	42.38	53.98	-11.60
15600.00	Peak	H	-	-	-73.17	20.59	54.42	73.98	-19.56

Table 7-96. Radiated Measurements SISO CORE 0 (RU242)

FCC ID: BCGA2229		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 435 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	H	-	-	-72.14	14.54	49.40	68.20	-18.80
15720.00	Average	H	-	-	-85.31	21.09	42.78	53.98	-11.20
15720.00	Peak	H	-	-	-73.95	21.09	54.14	73.98	-19.84

Table 7-97. Radiated Measurements SISO CORE 0 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-71.64	14.89	50.25	68.20	-17.95
15780.00	Average	H	-	-	-85.71	20.78	42.07	53.98	-11.90
15780.00	Peak	H	-	-	-74.25	20.78	53.53	73.98	-20.44

Table 7-98. Radiated Measurements SISO CORE 0 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-71.80	14.54	49.74	68.20	-18.46
15840.00	Average	H	-	-	-85.89	21.24	42.35	53.98	-11.63
15840.00	Peak	H	-	-	-73.76	21.24	54.48	73.98	-19.50

Table 7-99. Radiated Measurements SISO CORE 0 (RU242)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)					Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device					

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10640.00	Average	H	-	-	-83.48	14.96	38.48	53.98	-15.50
10640.00	Peak	H	-	-	-71.51	14.96	50.45	73.98	-23.53
15960.00	Average	H	-	-	-85.36	21.96	43.60	53.98	-10.38
15960.00	Peak	H	-	-	-73.56	21.96	55.40	73.98	-18.58

Table 7-100. Radiated Measurements SISO CORE 0 (RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 437 of 563	

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11000.00	Average	H	-	-	-84.19	16.36	39.17	53.98	-14.81
11000.00	Peak	H	-	-	-72.78	16.36	50.58	73.98	-23.40
16500.00	Peak	H	-	-	-72.78	21.84	56.06	68.20	-12.14

Table 7-101. Radiated Measurements SISO CORE 0 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11160.00	Average	H	-	-	-84.26	16.15	38.89	53.98	-15.09
11160.00	Peak	H	-	-	-72.38	16.15	50.77	73.98	-23.21
16740.00	Peak	H	-	-	-73.32	22.18	55.86	68.20	-12.34

Table 7-102. Radiated Measurements SISO CORE 0 (RU242)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device				

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11440.00	Average	H	-	-	-84.57	17.00	39.43	53.98	-14.55
11440.00	Peak	H	-	-	-72.18	17.00	51.82	73.98	-22.16
17160.00	Peak	H	-	-	-73.55	22.04	55.49	68.20	-12.71

Table 7-103. Radiated Measurements SISO CORE 0 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11490.00	Average	H	-	-	-85.12	16.41	38.29	53.98	-15.69
11490.00	Peak	H	-	-	-73.54	16.41	49.87	73.98	-24.11
17235.00	Peak	H	-	-	-73.71	22.58	55.87	68.20	-12.33

Table 7-104. Radiated Measurements SISO CORE 0 (RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 439 of 563	

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11570.00	Average	H	-	-	-84.23	16.96	39.73	53.98	-14.25
11570.00	Peak	H	-	-	-72.59	16.96	51.37	73.98	-22.61
17355.00	Peak	H	-	-	-72.81	22.57	56.76	68.20	-11.44

Table 7-105. Radiated Measurements SISO CORE 0 (RU242)

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

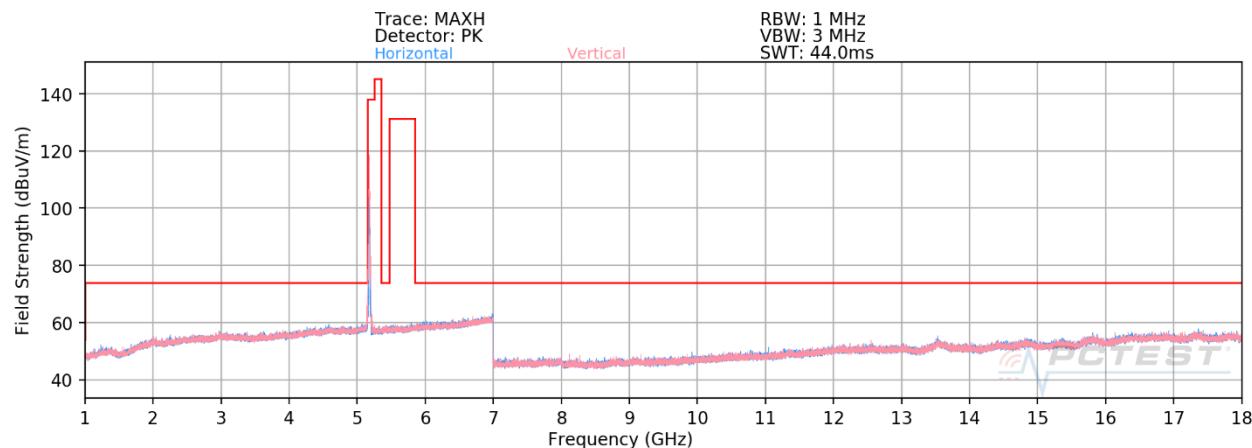
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11650.00	Average	H	-	-	-84.27	16.43	39.16	53.98	-14.82
11650.00	Peak	H	-	-	-72.40	16.43	51.03	73.98	-22.95
17475.00	Peak	H	-	-	-72.93	21.90	55.97	68.20	-12.23

Table 7-106. Radiated Measurements SISO CORE 0 (RU242)

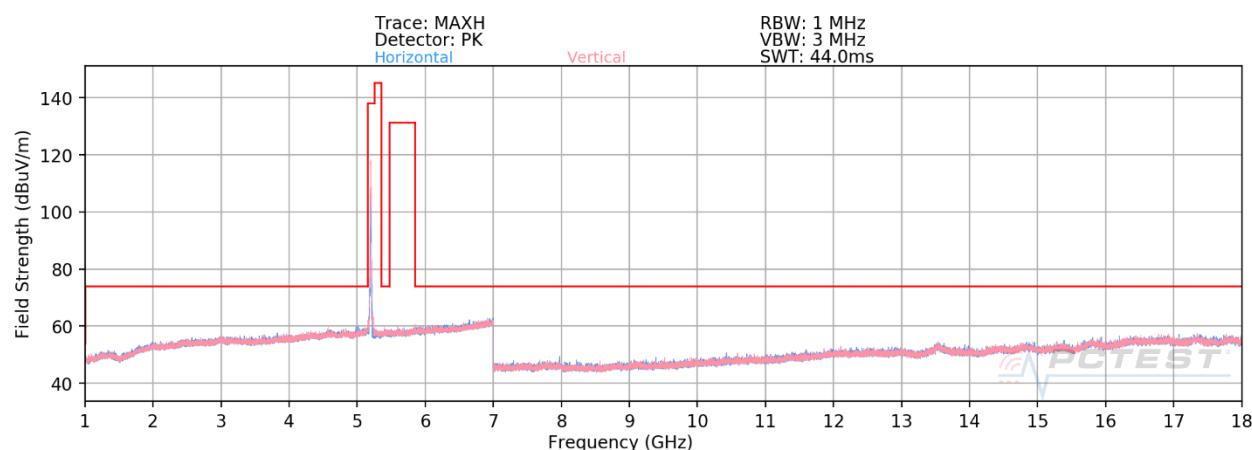
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			Page 440 of 563

6.6.2 SISO Core 1 Radiated Spurious Emission Measurements

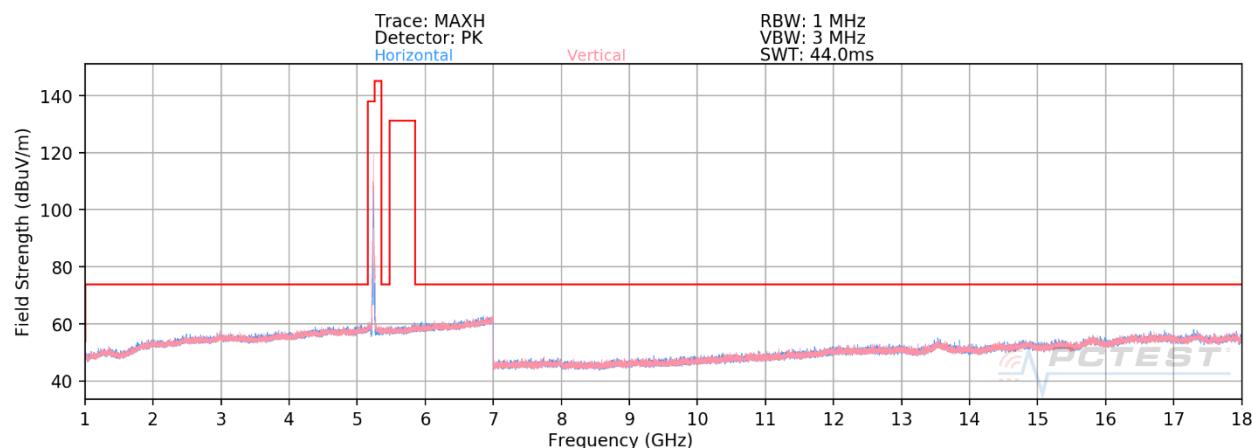
RU26



Plot 7-745. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 36 – RU26)

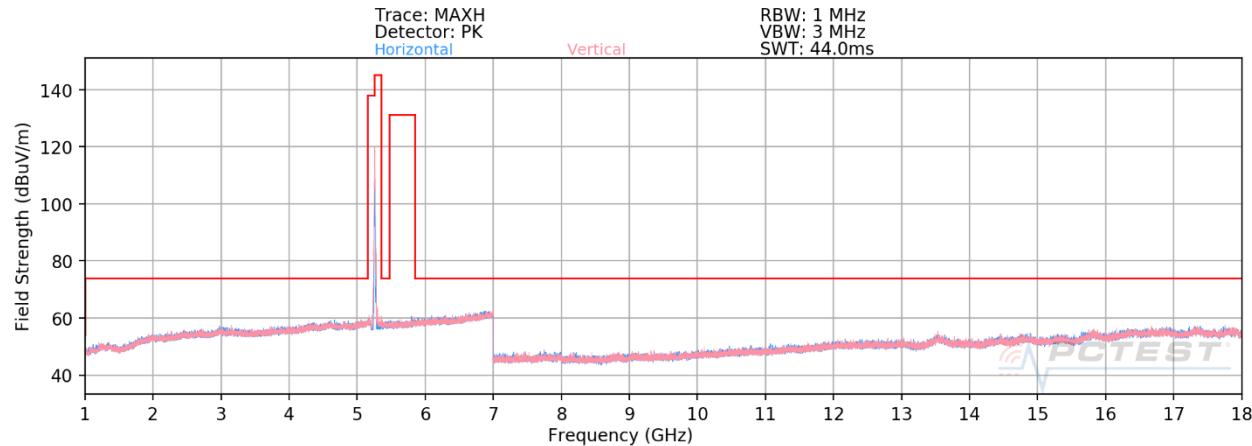


Plot 7-746. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)

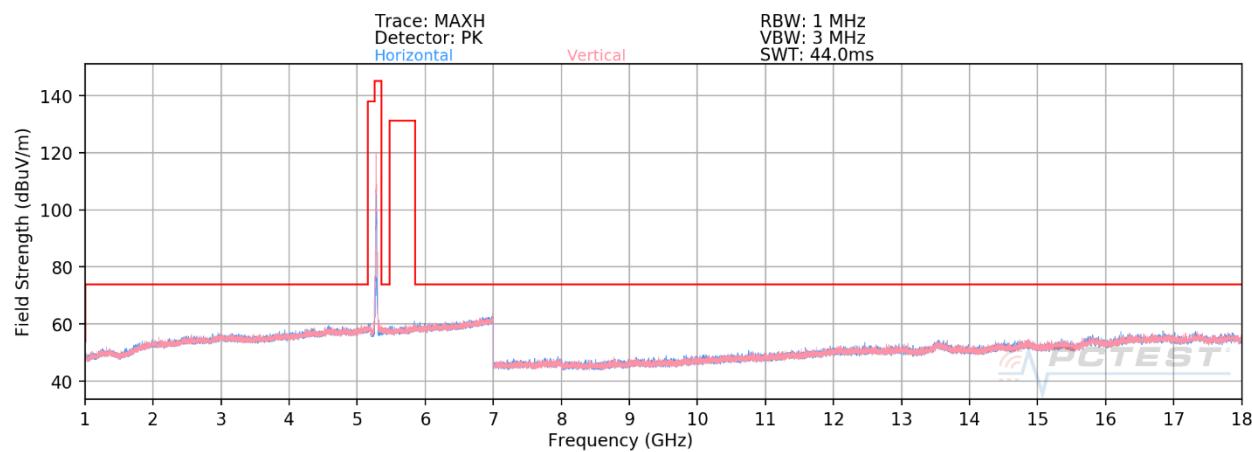


Plot 7-747. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU26)

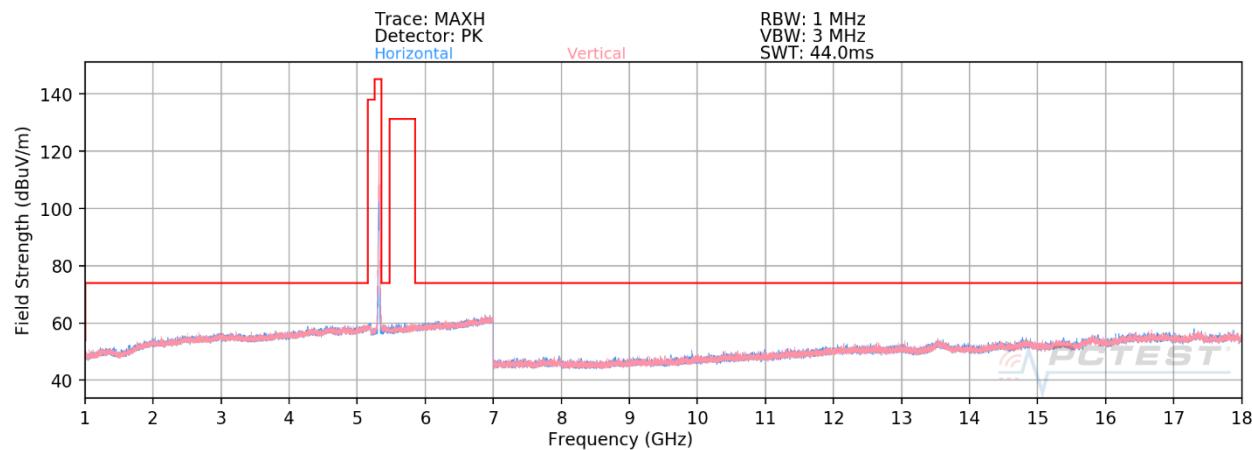
FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 441 of 563



Plot 7-748. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 52 – RU26)

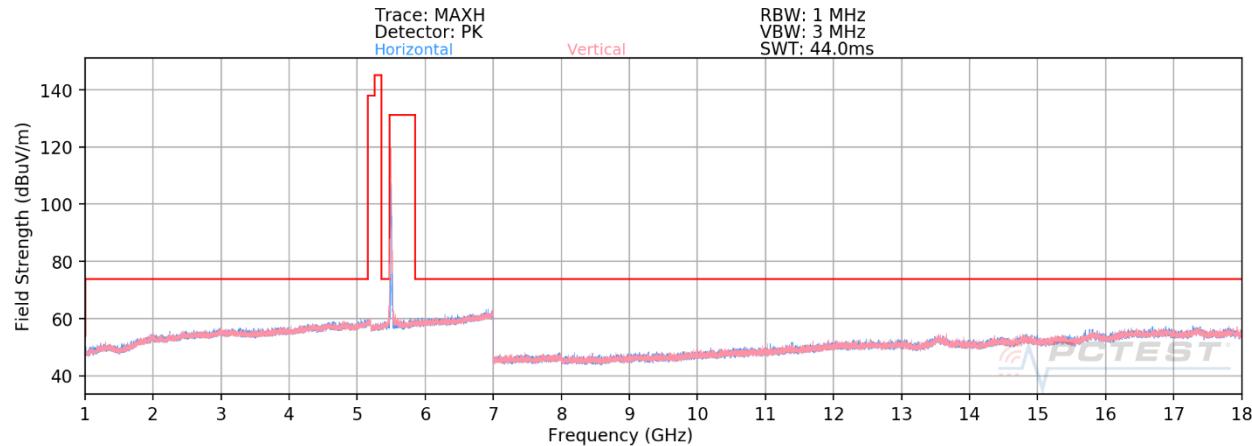


Plot 7-749. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 56 – RU26)

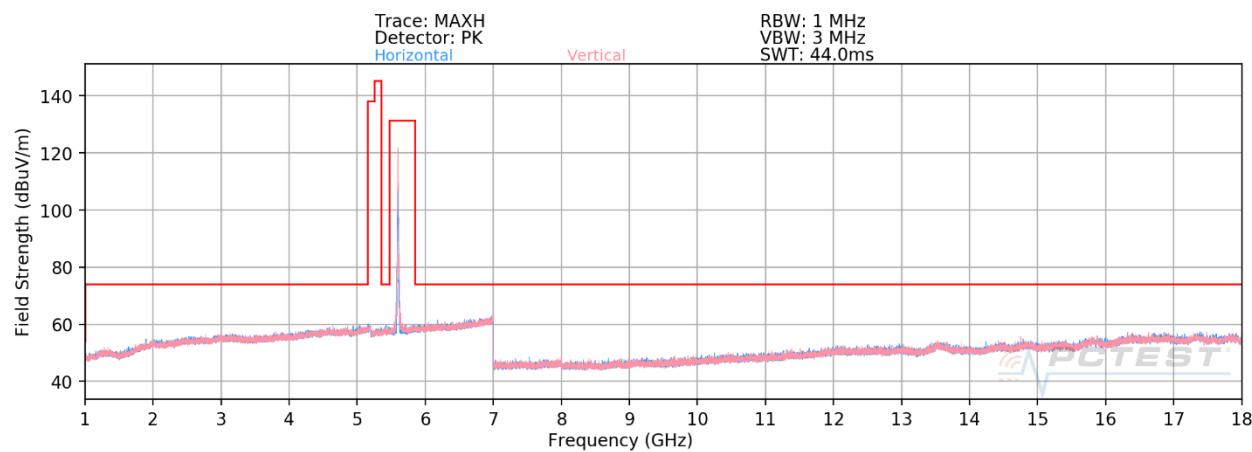


Plot 7-750. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU26)

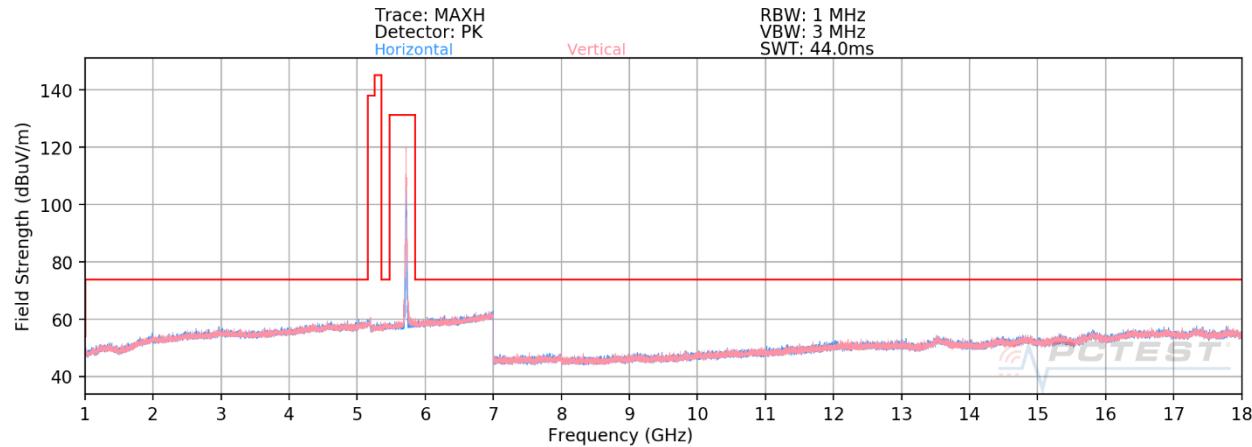
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 442 of 563



Plot 7-751. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 100 – RU26)

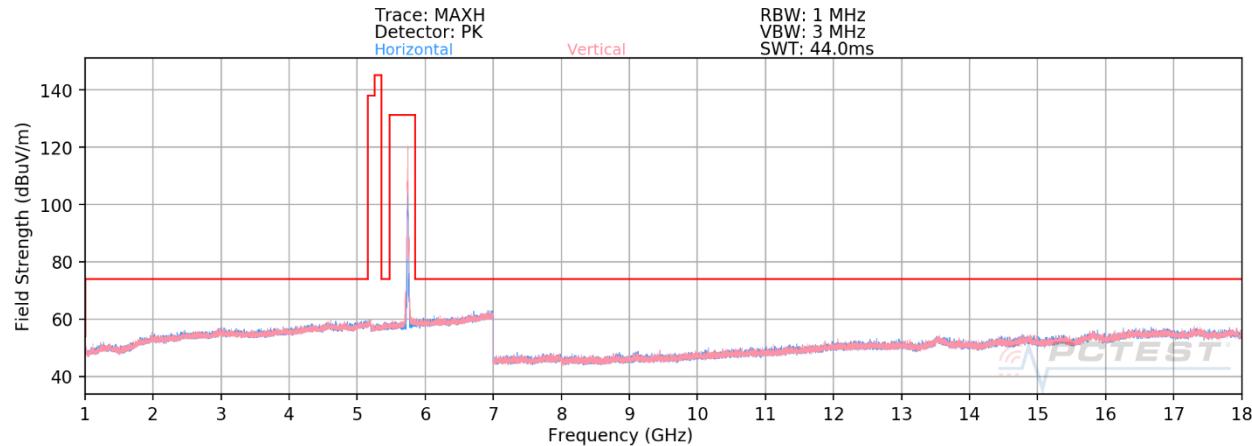


Plot 7-752. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU26)

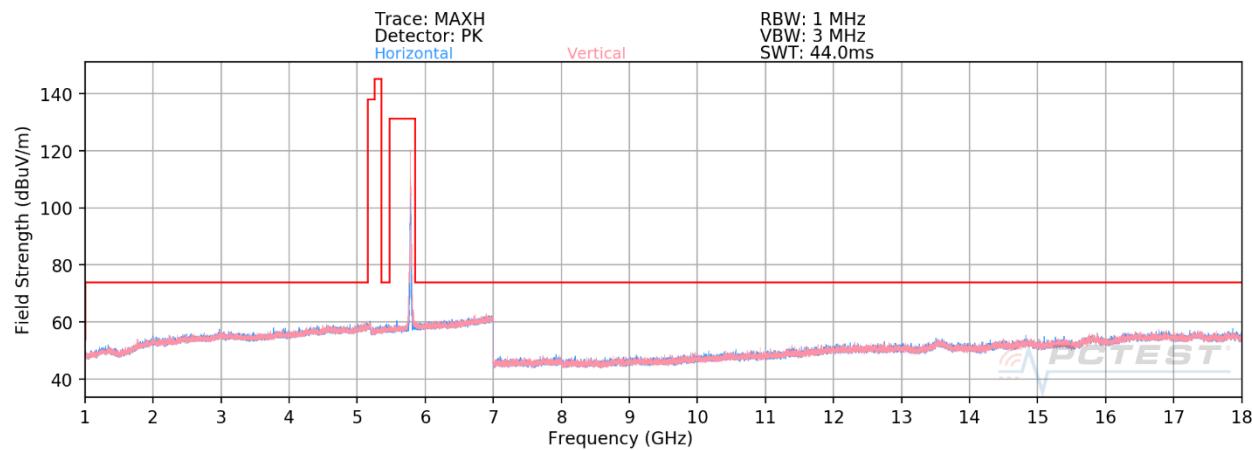


Plot 7-753. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU26)

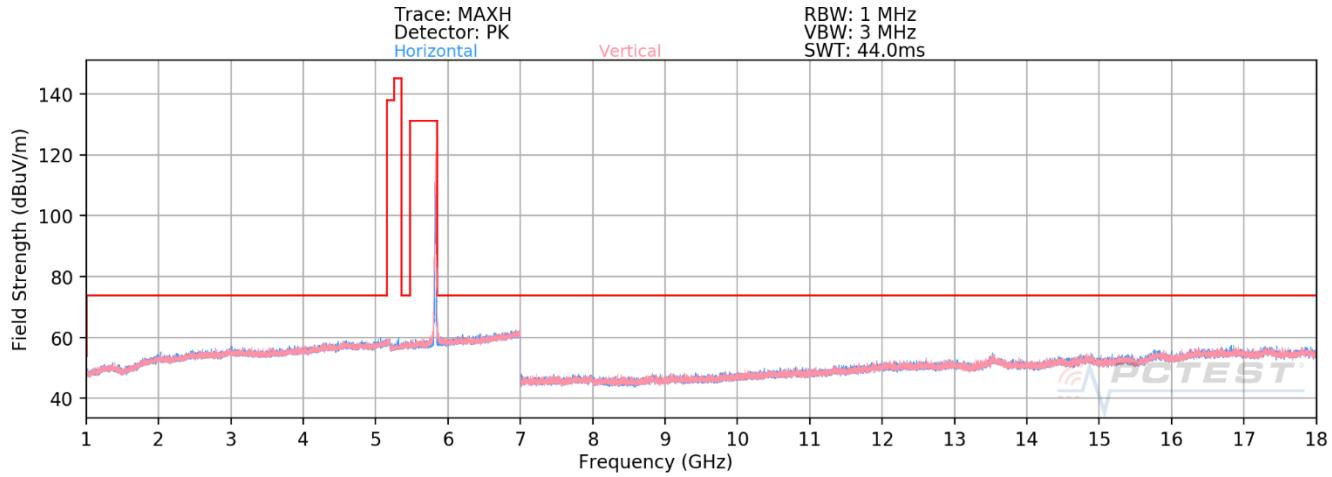
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 443 of 563



Plot 7-754. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 149 – RU26)



Plot 7-755. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 157 – RU26)



Plot 7-756. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 165 – RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 444 of 563

SISO Core 1 Radiated Spurious Emission Measurements

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

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>54</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5180MHz</u>
Channel:	<u>36</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	V	-	-	-72.14	14.25	49.11	68.20	-19.09
15540.00	Average	V	-	-	-85.36	20.62	42.26	53.98	-11.72
15540.00	Peak	V	-	-	-73.21	20.62	54.41	73.98	-19.57

Table 7-107. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode:	<u>802.11ax (20MHz BW)</u>
Worst Case Transfer Rate:	<u>MCS0</u>
RU Index:	<u>54</u>
Distance of Measurements:	<u>3 Meters</u>
Operating Frequency:	<u>5200MHz</u>
Channel:	<u>40</u>

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	V	210	44	-70.29	14.06	50.77	68.20	-17.43
15600.00	Average	V	-	-	-85.15	20.59	42.44	53.98	-11.54
15600.00	Peak	V	-	-	-73.33	20.59	54.26	73.98	-19.72

Table 7-108. Radiated Measurements SISO CORE 1 (RU26)

FCC ID: BCGA2229		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 445 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	V	-	-	-71.41	14.54	50.13	68.20	-18.07
15720.00	Average	V	-	-	-85.77	21.09	42.32	53.98	-11.66
15720.00	Peak	V	-	-	-74.13	21.09	53.96	73.98	-20.02

Table 7-109. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	V	-	-	-72.03	14.89	49.86	68.20	-18.34
15780.00	Average	V	-	-	-85.88	20.78	41.90	53.98	-12.07
15780.00	Peak	V	-	-	-74.23	20.78	53.55	73.98	-20.42

Table 7-110. Radiated Measurements SISO CORE 1 (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			Page 446 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	V	-	-	-71.38	14.54	50.16	68.20	-18.04
15840.00	Average	V	-	-	-84.99	21.24	43.25	53.98	-10.73
15840.00	Peak	V	-	-	-73.91	21.24	54.33	73.98	-19.65

Table 7-111. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10640.00	Average	V	-	-	-83.22	14.96	38.74	53.98	-15.24
10640.00	Peak	V	-	-	-71.67	14.96	50.29	73.98	-23.69
15960.00	Average	V	-	-	-85.29	21.96	43.67	53.98	-10.31
15960.00	Peak	V	-	-	-73.04	21.96	55.92	73.98	-18.06

Table 7-112. Radiated Measurements SISO CORE 1 (RU26)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11000.00	Average	V	-	-	-84.17	16.36	39.19	53.98	-14.79
11000.00	Peak	V	-	-	-72.40	16.36	50.96	73.98	-23.02
16500.00	Peak	V	-	-	-73.40	21.84	55.44	68.20	-12.76

Table 7-113. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11160.00	Average	V	-	-	-73.02	16.15	50.13	53.98	-3.85
11160.00	Peak	V	-	-	-72.76	16.15	50.39	73.98	-23.59
16740.00	Peak	V	-	-	-72.78	22.18	56.40	68.20	-11.80

Table 7-114. Radiated Measurements SISO CORE 1 (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device		

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11440.00	Average	V	-	-	-84.52	17.00	39.48	53.98	-14.50
11440.00	Peak	V	-	-	-73.13	17.00	50.87	73.98	-23.11
17160.00	Peak	V	-	-	-73.21	22.04	55.83	68.20	-12.37

Table 7-115. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11490.00	Average	V	-	-	-84.43	16.41	38.98	53.98	-15.00
11490.00	Peak	V	-	-	-72.55	16.41	50.86	73.98	-23.12
17235.00	Peak	V	-	-	-72.94	22.58	56.64	68.20	-11.56

Table 7-116. Radiated Measurements SISO CORE 1 (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11570.00	Average	V	-	-	-84.28	16.96	39.68	53.98	-14.30
11570.00	Peak	V	-	-	-72.92	16.96	51.04	73.98	-22.94
17355.00	Peak	V	-	-	-72.94	22.57	56.63	68.20	-11.57

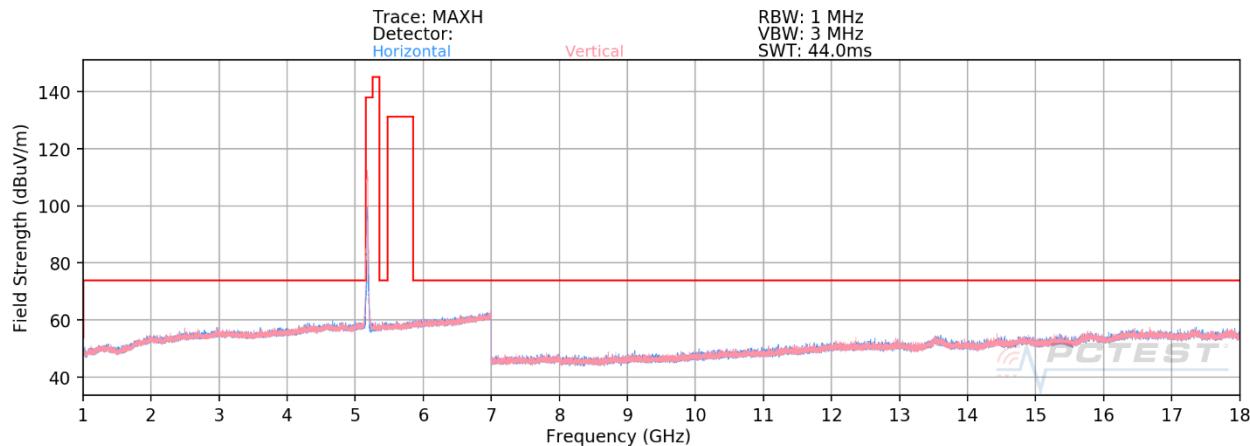
Table 7-117. Radiated Measurements SISO CORE 1 (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5825MHz
 Channel: 165

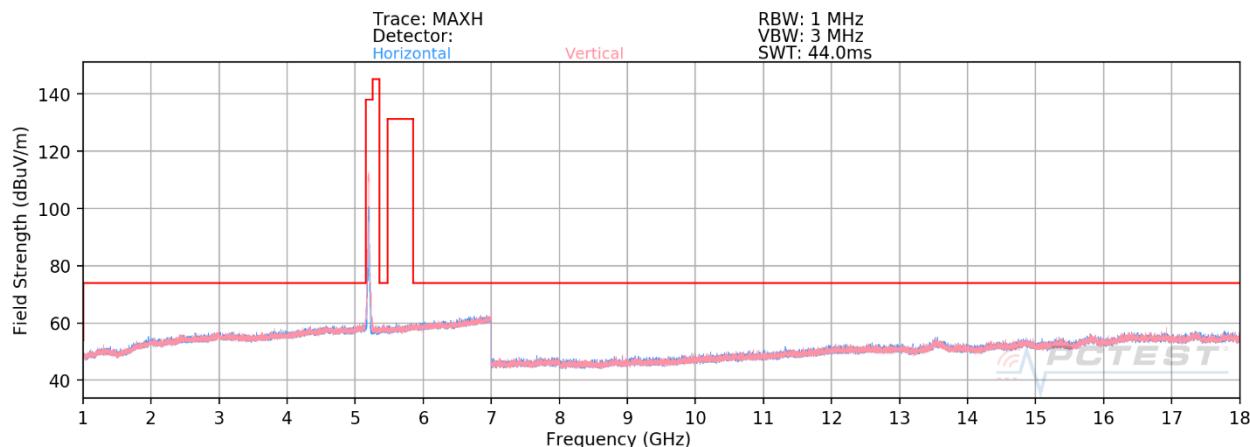
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11650.00	Average	V	-	-	-84.17	16.43	39.26	53.98	-14.72
11650.00	Peak	V	-	-	-72.41	16.43	51.02	73.98	-22.96
17475.00	Peak	V	-	-	-72.98	21.90	55.92	68.20	-12.28

Table 7-118. Radiated Measurements SISO CORE 1 (RU26)

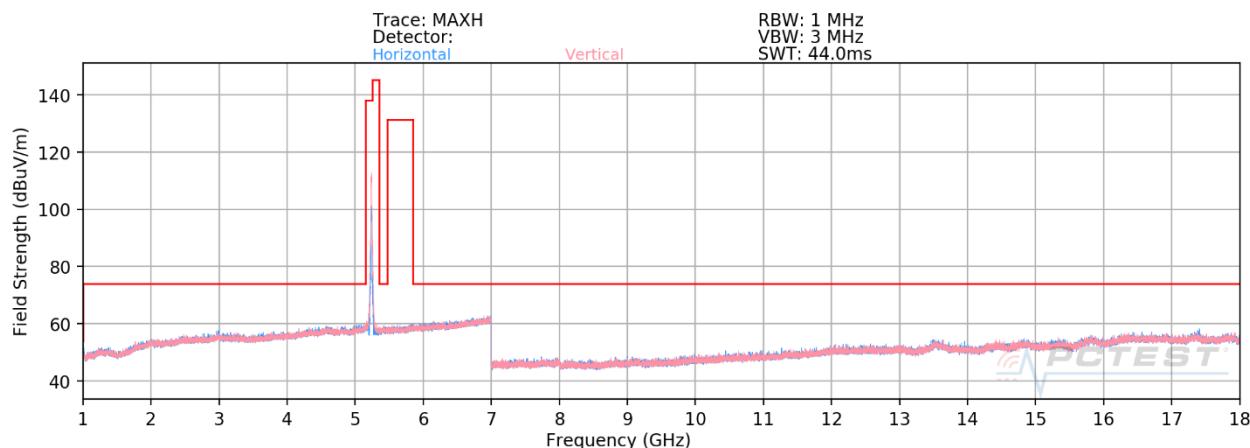
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			Page 450 of 563



Plot 7-757. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 36 – RU242)

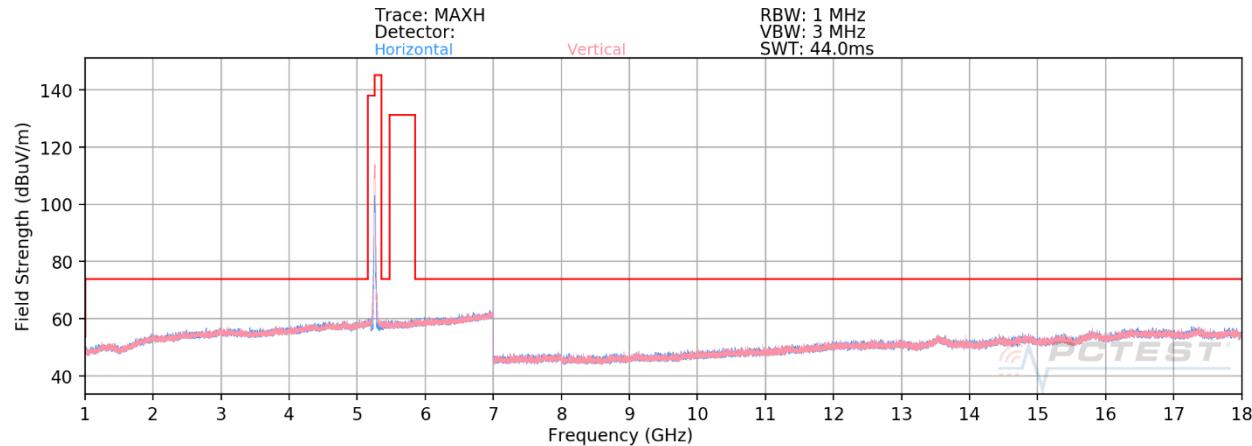


Plot 7-758. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 40 – RU26)

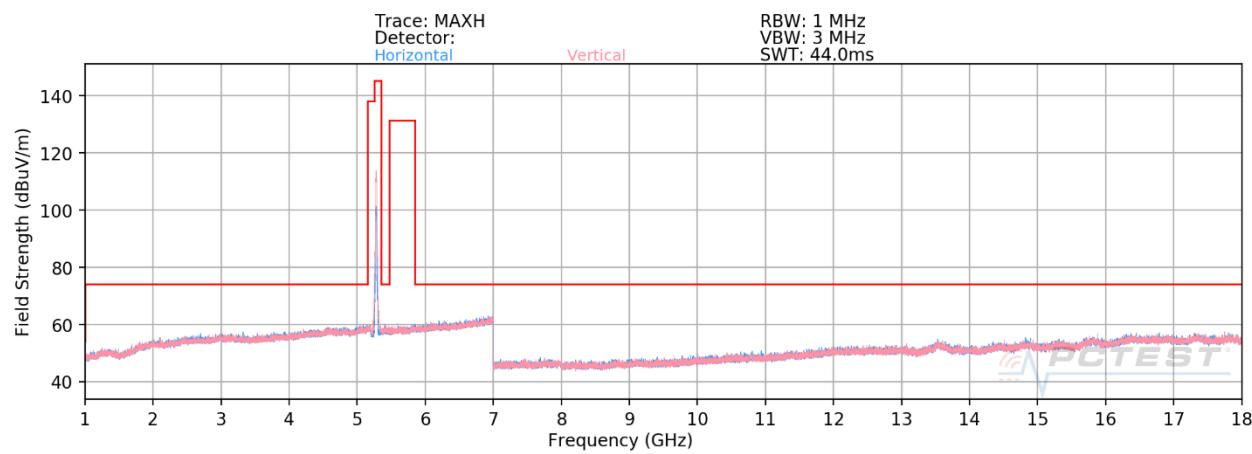


Plot 7-759. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U1 Ch. 48 – RU242)

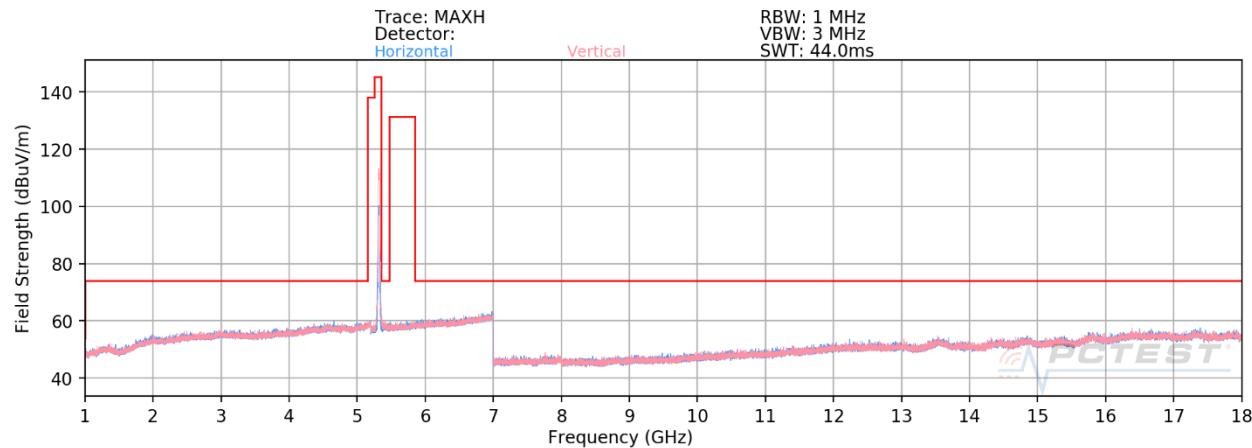
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 451 of 563



Plot 7-760. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 52 – RU242)

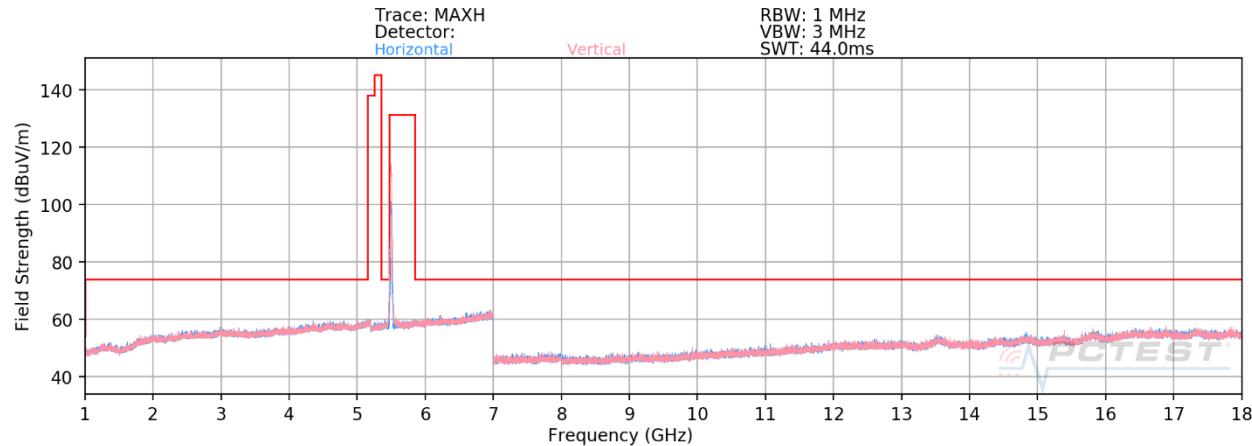


Plot 7-761. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 56 – RU242)

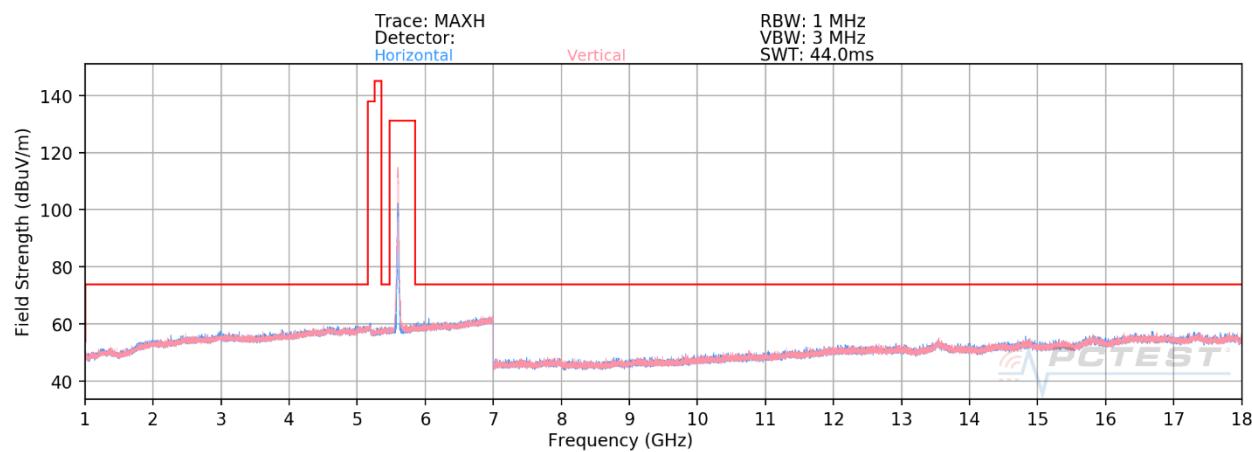


Plot 7-762. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2A Ch. 64 – RU242)

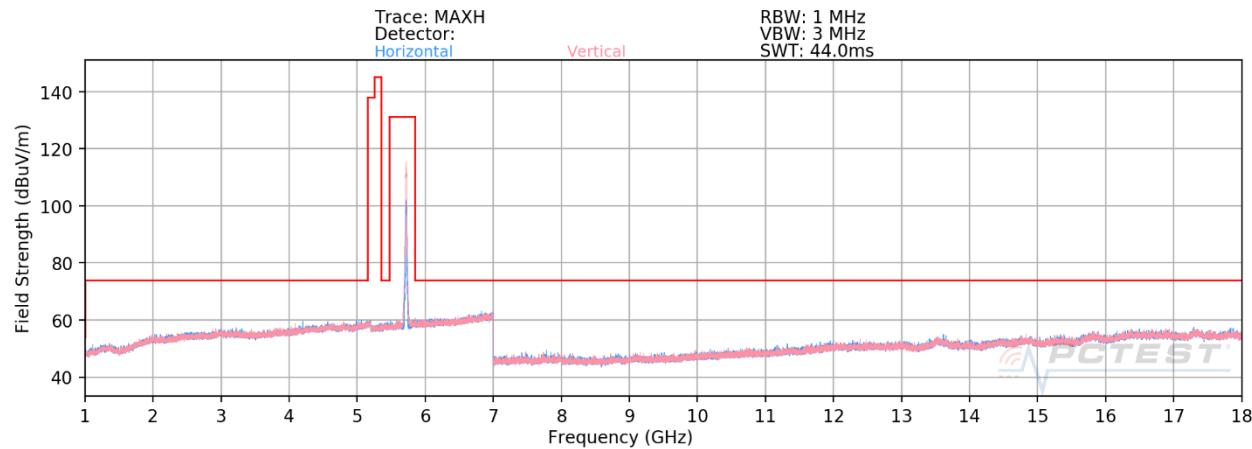
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 452 of 563



Plot 7-763. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 100 – RU242)

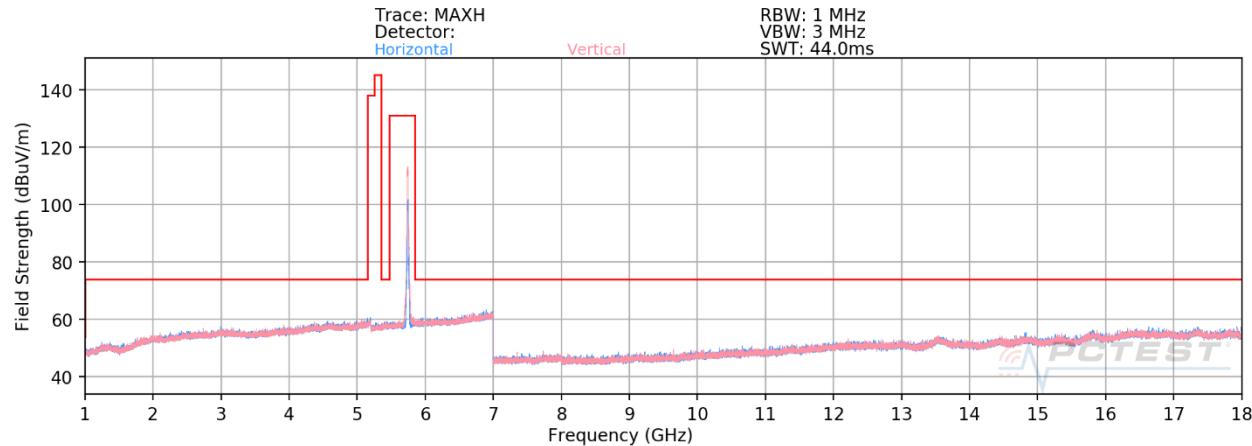


Plot 7-764. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 116 – RU242)

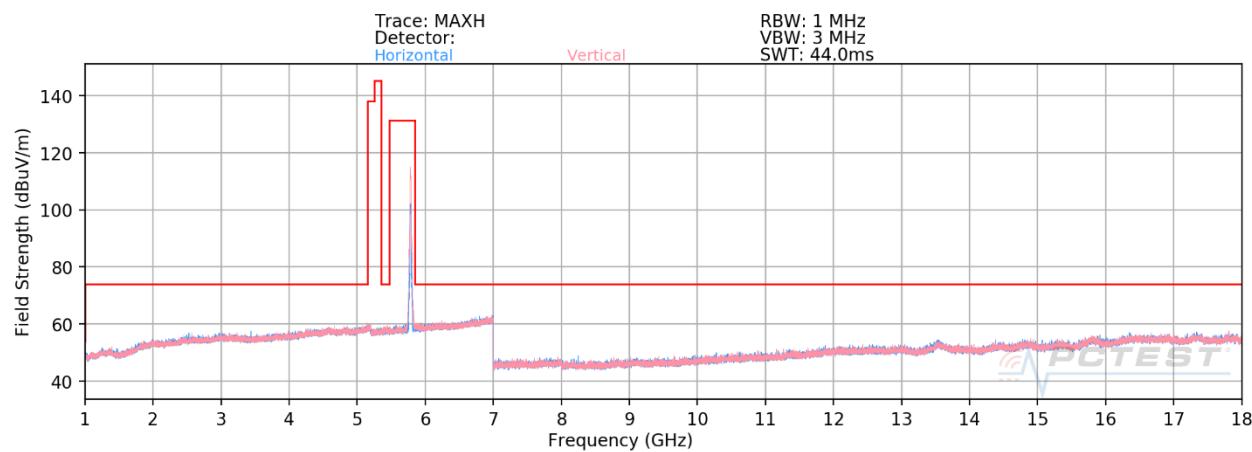


Plot 7-765. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U2C Ch. 144 – RU242)

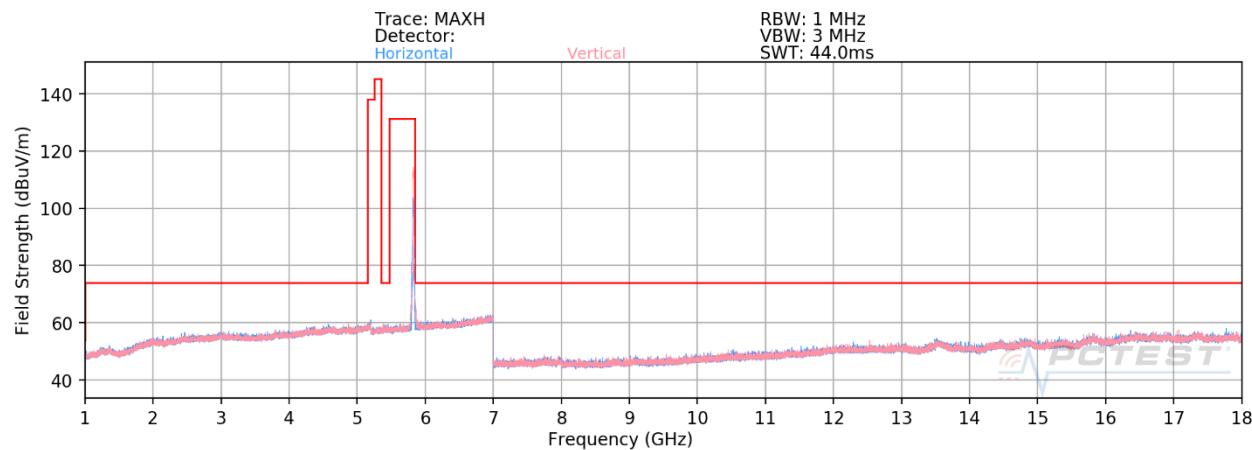
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 453 of 563



Plot 7-766. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 149 – RU242)



Plot 7-767. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 157 – RU242)



Plot 7-768. Radiated Spurious Plot above 1GHz SISO CORE 1 (802.11ax – U3 Ch. 165 – RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 454 of 563



SISO Core 1 Radiated Spurious Emission Measurements

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

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	V	-	-	-71.78	14.25	49.47	68.20	-18.73
15540.00	Average	V	-	-	-85.16	20.62	42.46	53.98	-11.52
15540.00	Peak	V	-	-	-72.80	20.62	54.82	73.98	-19.16

Table 7-119. Radiated Measurements SISO CORE 1 (RU242)

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

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	V	-	-	-71.92	14.06	49.14	68.20	-19.06
15600.00	Average	V	-	-	-85.17	20.59	42.42	53.98	-11.56
15600.00	Peak	V	-	-	-73.05	20.59	54.54	73.98	-19.44

Table 7-120. Radiated Measurements SISO CORE 1 (RU242)

FCC ID: BCGA2229		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 455 of 563

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	V	-	-	-71.92	14.54	49.62	68.20	-18.58
15720.00	Average	V	-	-	-83.31	21.09	44.78	53.98	-9.20
15720.00	Peak	V	-	-	-73.92	21.09	54.17	73.98	-19.81

Table 7-121. Radiated Measurements SISO CORE 1 (RU242)

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	V	-	-	-72.01	14.89	49.88	68.20	-18.32
15780.00	Average	V	-	-	-85.87	20.78	41.91	53.98	-12.06
15780.00	Peak	V	-	-	-74.05	20.78	53.73	73.98	-20.24

Table 7-122. Radiated Measurements SISO CORE 1 (RU242)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 456 of 563

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	V	-	-	-71.33	14.54	50.21	68.20	-17.99
15840.00	Average	V	-	-	-85.86	21.24	42.38	53.98	-11.60
15840.00	Peak	V	-	-	-74.08	21.24	54.16	73.98	-19.82

Table 7-123. Radiated Measurements SISO CORE 1 (RU242)

Worst Case Mode:	802.11ax (20MHz BW)
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10640.00	Average	V	-	-	-83.53	14.96	38.43	53.98	-15.55
10640.00	Peak	V	-	-	-71.90	14.96	50.06	73.98	-23.92
15960.00	Average	V	-	-	-85.53	21.96	43.43	53.98	-10.55
15960.00	Peak	V	-	-	-73.67	21.96	55.29	73.98	-18.69

Table 7-124. Radiated Measurements SISO CORE 1 (RU242)

FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 457 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11000.00	Average	V	-	-	-84.16	16.36	39.20	53.98	-14.78
11000.00	Peak	V	-	-	-72.67	16.36	50.69	73.98	-23.29
16500.00	Peak	V	-	-	-72.95	21.84	55.89	68.20	-12.31

Table 7-125. Radiated Measurements SISO CORE 1 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11160.00	Average	V	-	-	-84.39	16.15	38.76	53.98	-15.22
11160.00	Peak	V	-	-	-72.99	16.15	50.16	73.98	-23.82
16740.00	Peak	V	-	-	-73.52	22.18	55.66	68.20	-12.54

Table 7-126. Radiated Measurements SISO CORE 1 (RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 458 of 563	

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11440.00	Average	V	-	-	-84.65	17.00	39.35	53.98	-14.63
11440.00	Peak	V	-	-	-73.02	17.00	50.98	73.98	-23.00
17160.00	Peak	V	-	-	-73.42	22.04	55.62	68.20	-12.58

Table 7-127. Radiated Measurements SISO CORE 1 (RU242)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11490.00	Average	V	-	-	-84.32	16.41	39.09	53.98	-14.89
11490.00	Peak	V	-	-	-73.37	16.41	50.04	73.98	-23.94
17235.00	Peak	V	-	-	-72.40	22.58	57.18	68.20	-11.02

Table 7-128. Radiated Measurements SISO CORE 1 (RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			Page 459 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 61
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11570.00	Average	V	-	-	-84.15	16.96	39.81	53.98	-14.17
11570.00	Peak	V	-	-	-71.93	16.96	52.03	73.98	-21.95
17355.00	Peak	V	-	-	-72.92	22.57	56.65	68.20	-11.55

Table 7-129. Radiated Measurements SISO CORE 1 (RU242)

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

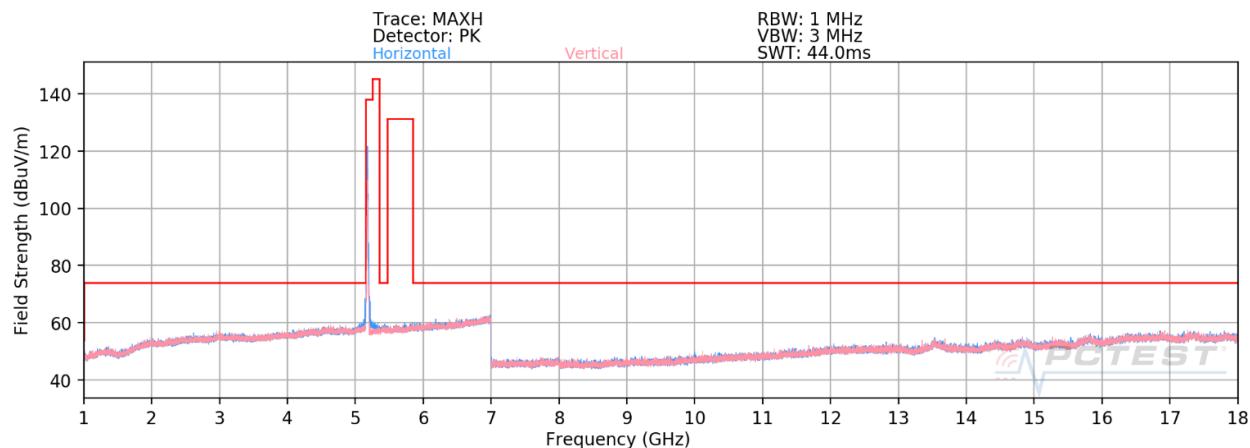
Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11650.00	Average	V	-	-	-84.17	16.43	39.26	53.98	-14.72
11650.00	Peak	V	-	-	-72.30	16.43	51.13	73.98	-22.85
17475.00	Peak	V	-	-	-72.75	21.90	56.15	68.20	-12.05

Table 7-130. Radiated Measurements SISO CORE 1 (RU242)

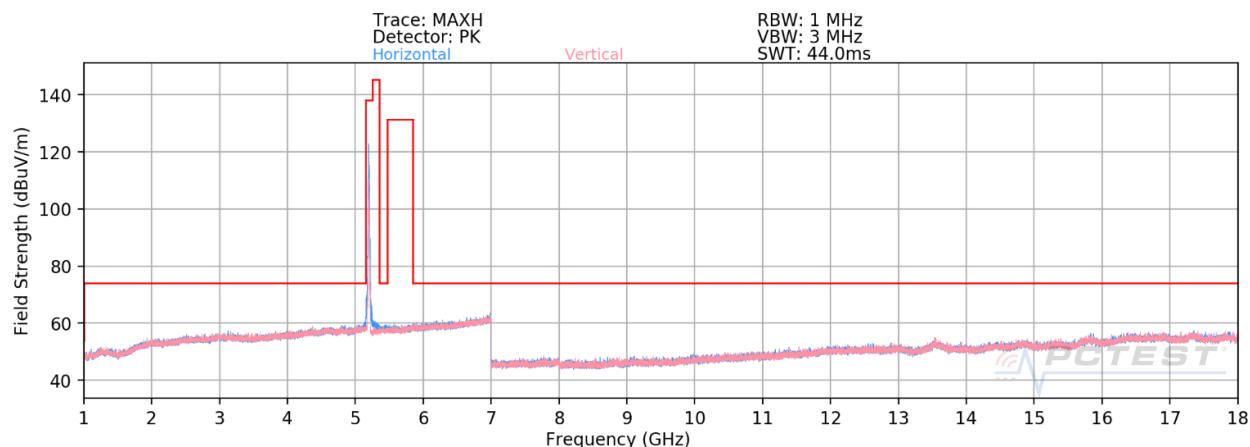
FCC ID: BCGA2229	PCTEST MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			

6.6.3 CDD/SDM Radiated Spurious Emission Measurements

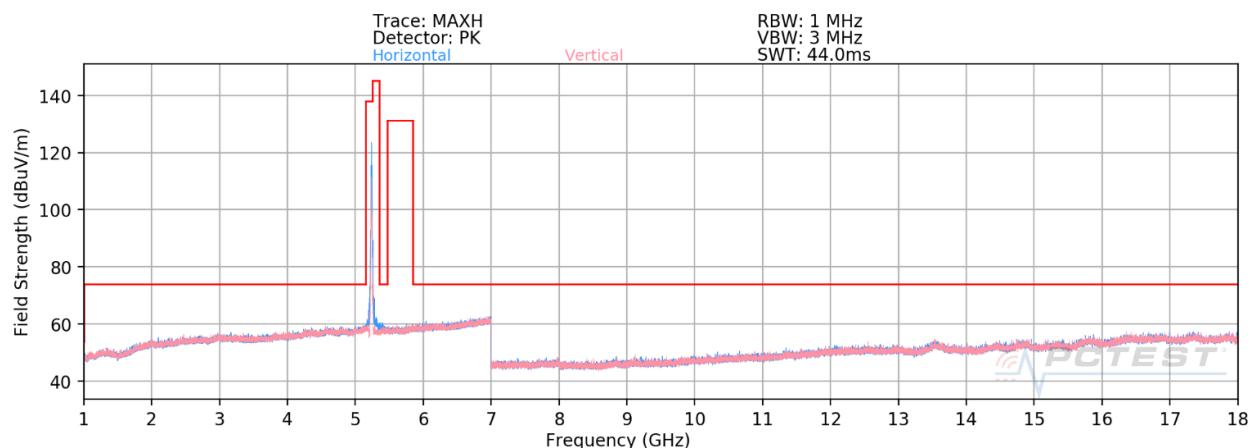
RU26



Plot 7-769. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 36 – RU26)

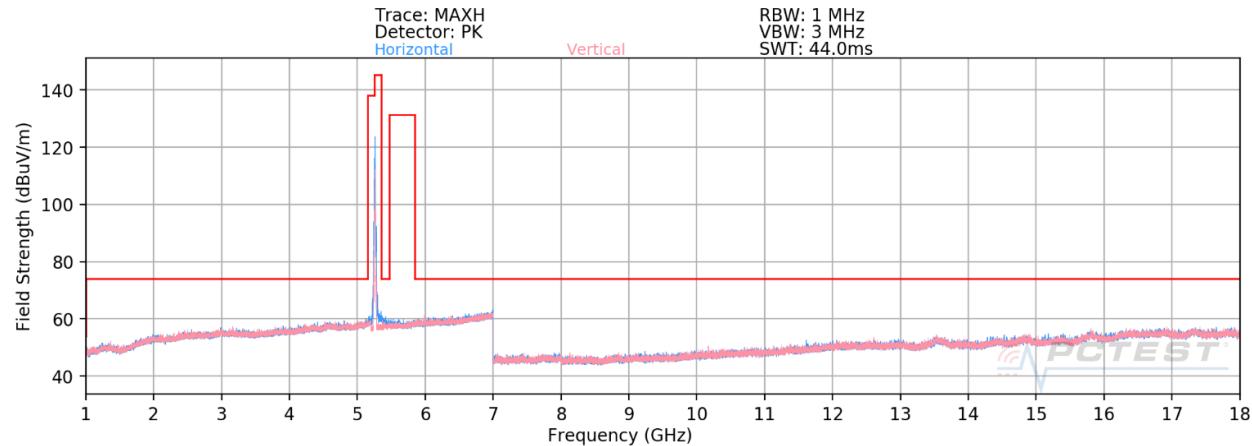


Plot 7-770. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 40 – RU26)

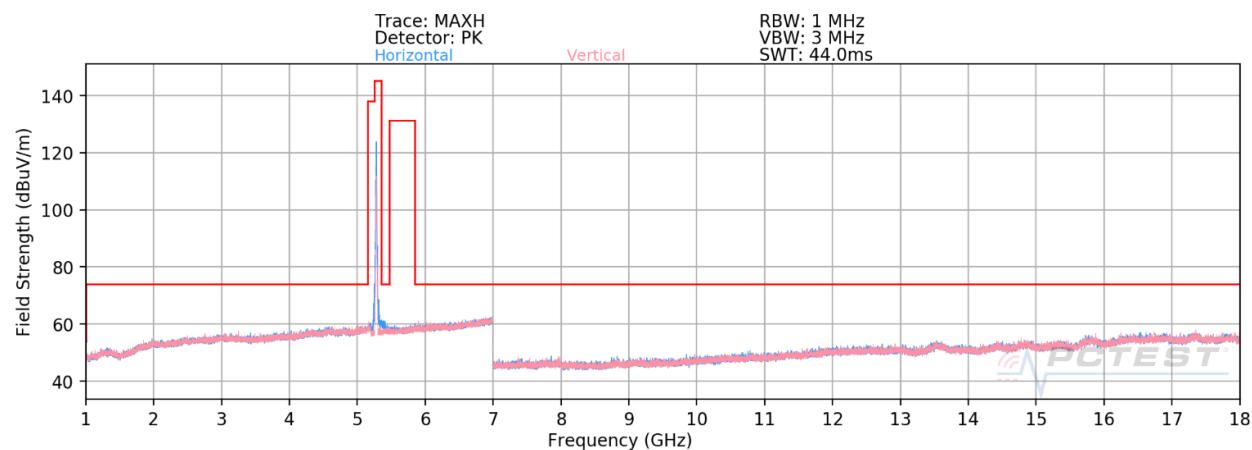


Plot 7-771. Radiated Spurious Plot above 1GHz CDD (802.11ax – U1 Ch. 48 – RU26)

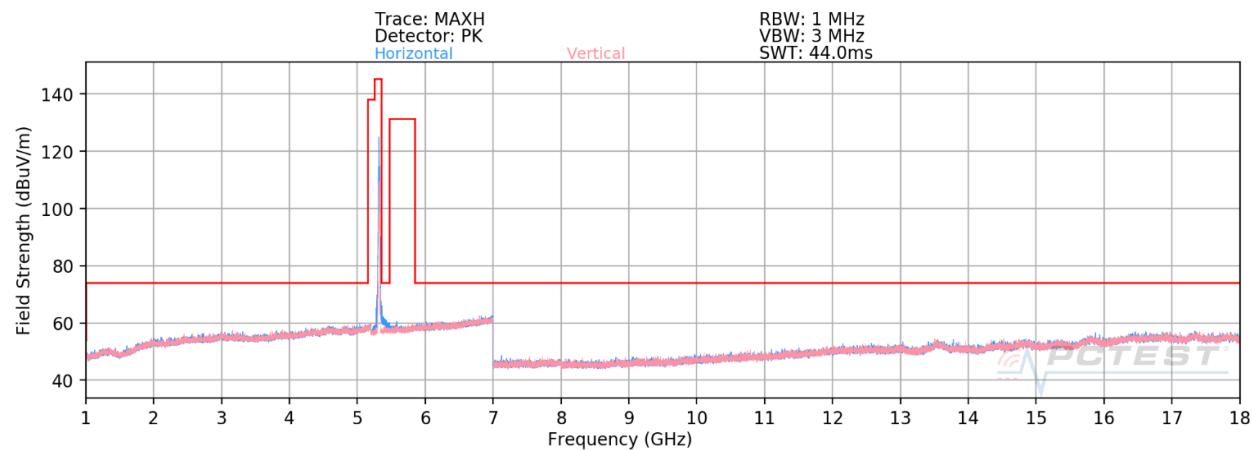
FCC ID: BCGA2229	 PCTEST	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 461 of 563



Plot 7-772. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2A Ch. 52 – RU26)

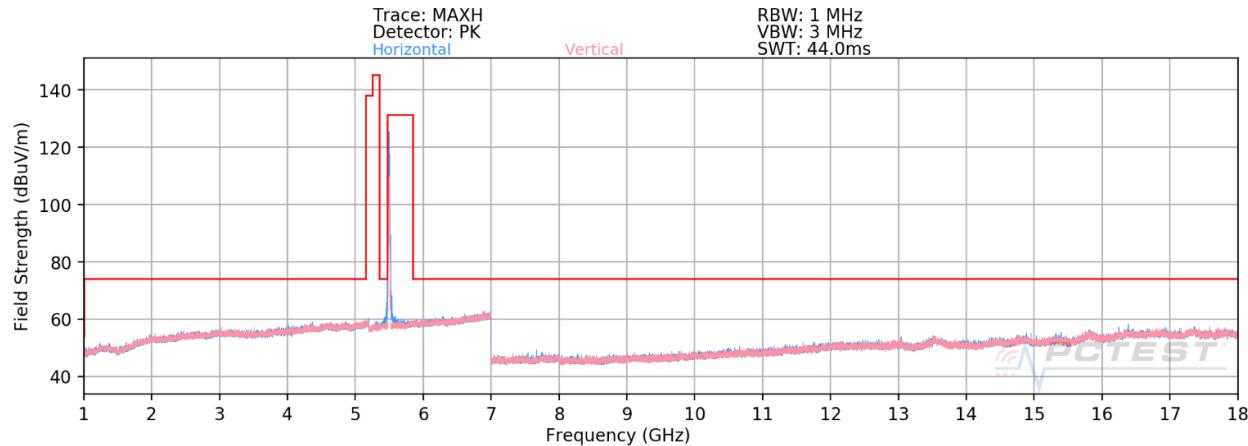


Plot 7-773. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2A Ch. 56 – RU26)

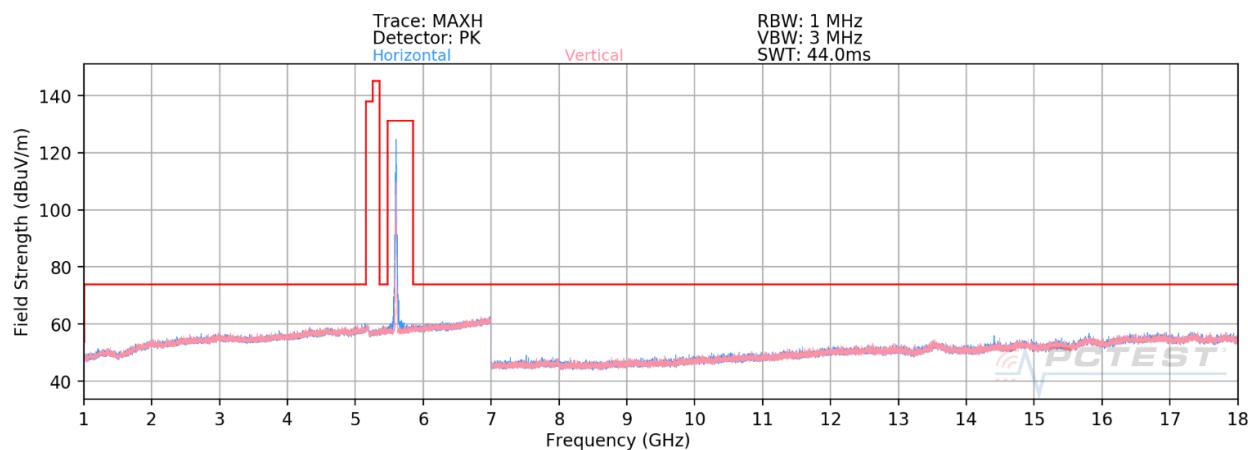


Plot 7-774. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2A Ch. 64 – RU26)

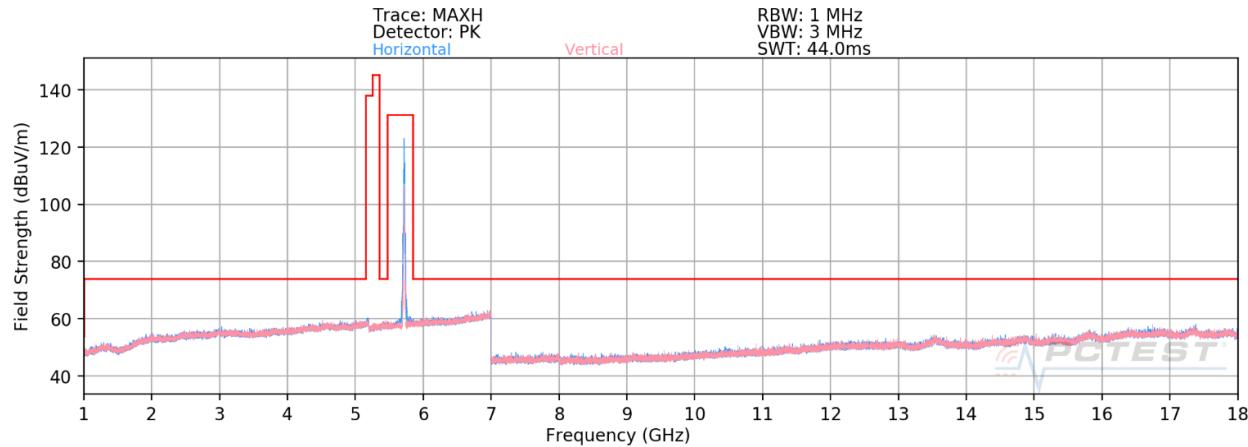
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 462 of 563



Plot 7-775. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 100 – RU26)

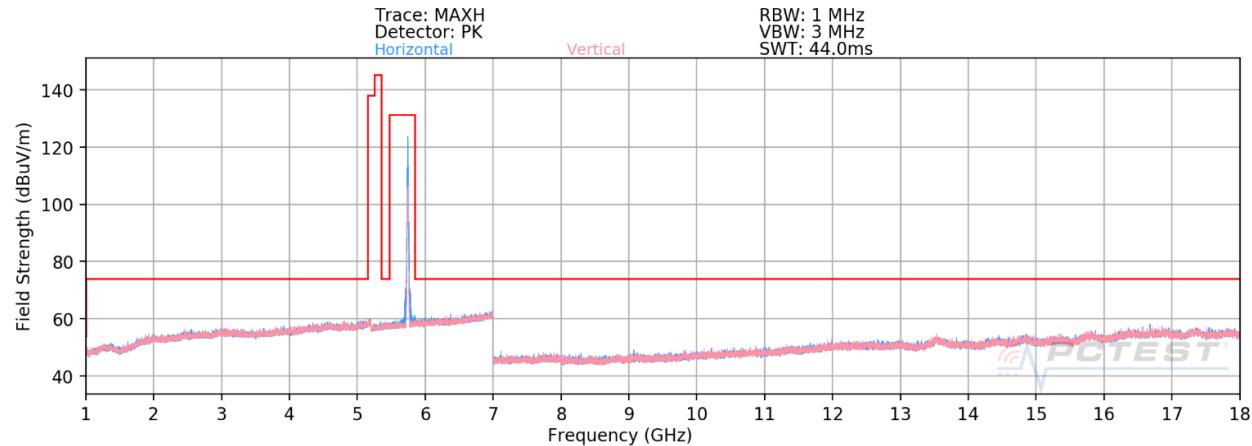


Plot 7-776. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 116 – RU26)

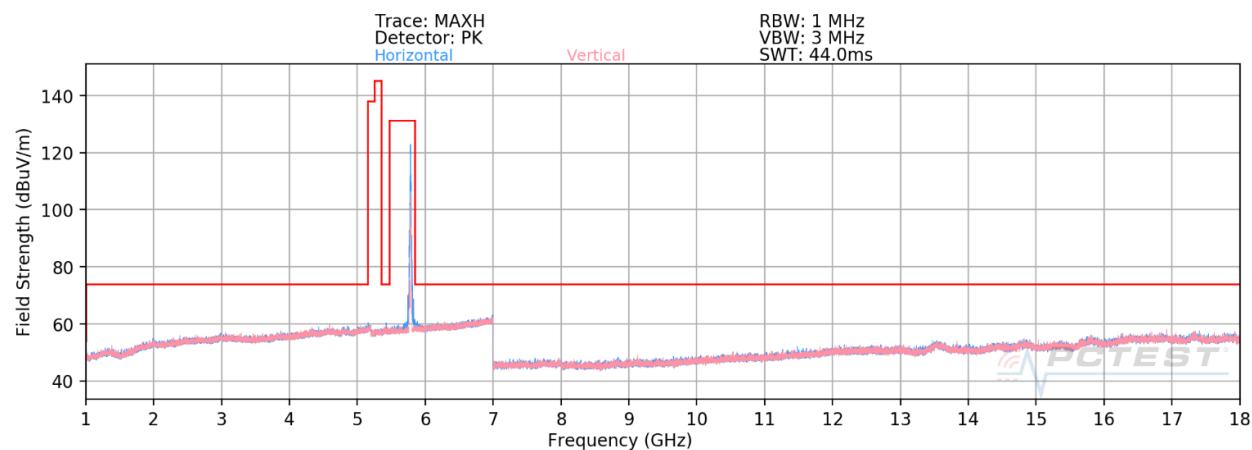


Plot 7-777. Radiated Spurious Plot above 1GHz SDM (802.11ax – U2C Ch. 144 – RU26)

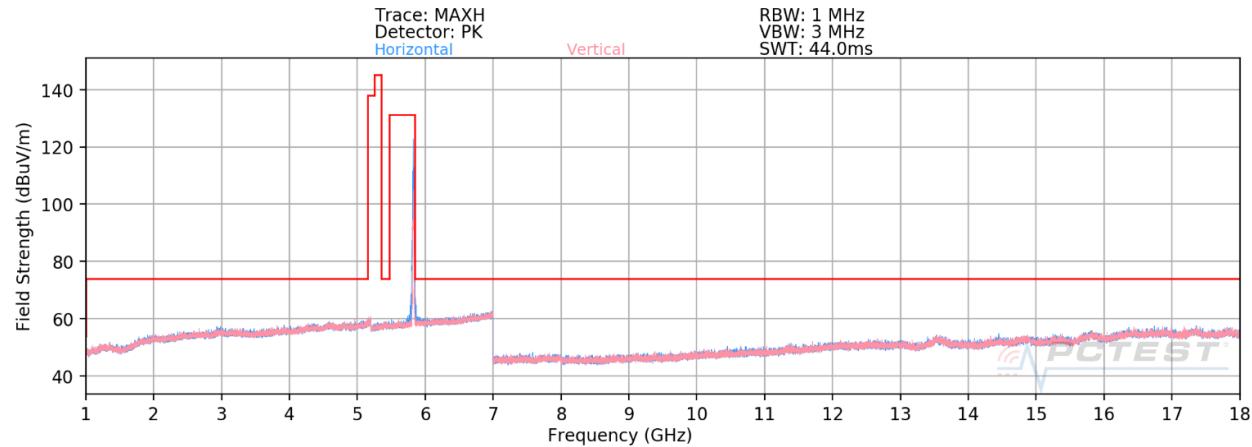
FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 463 of 563	



Plot 7-778. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 149 – RU26)



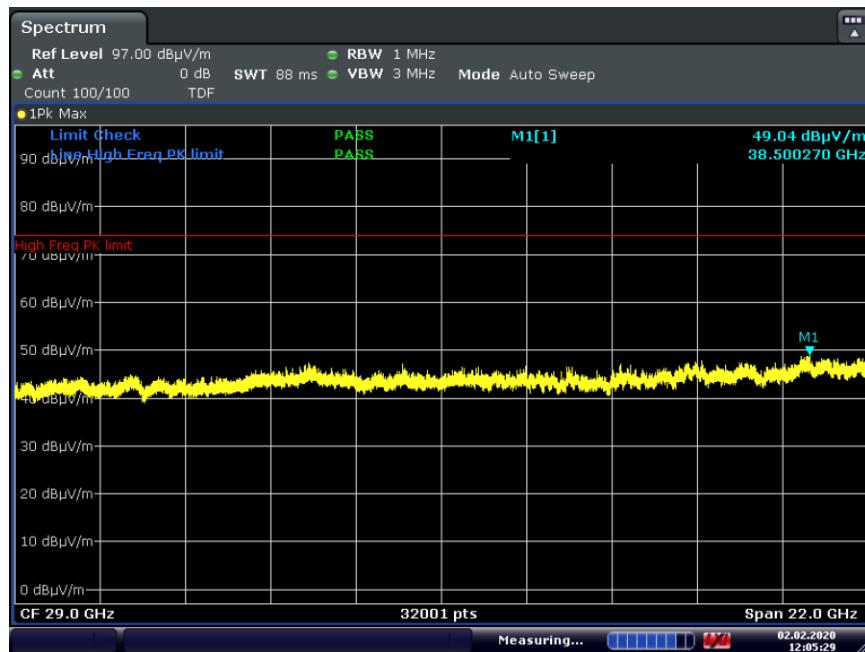
Plot 7-779. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 157 – RU26)



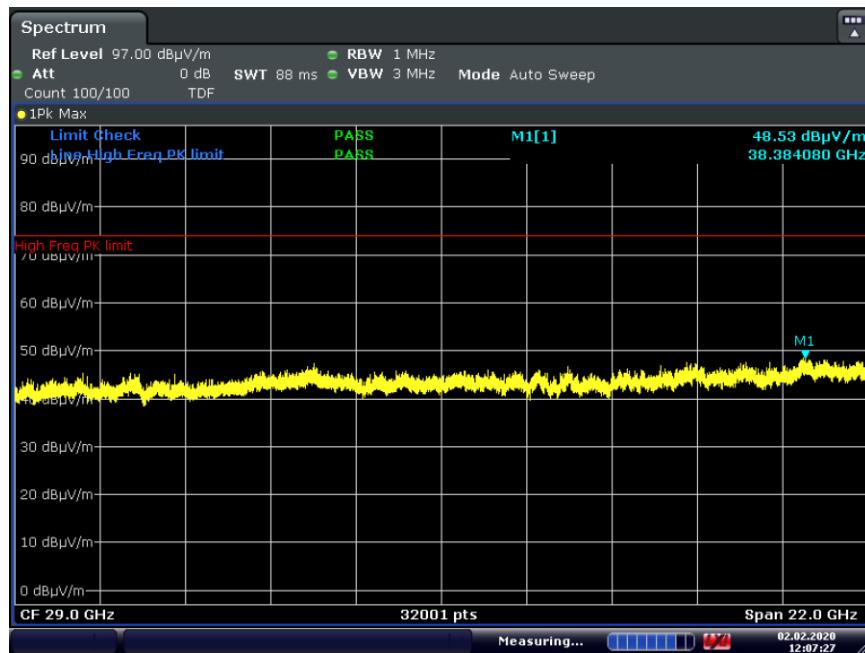
Plot 7-780. Radiated Spurious Plot above 1GHz CDD (802.11ax – U3 Ch. 165 – RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 464 of 563

CDD/SDM Radiated Spurious Emissions Measurements (Above 18GHz)

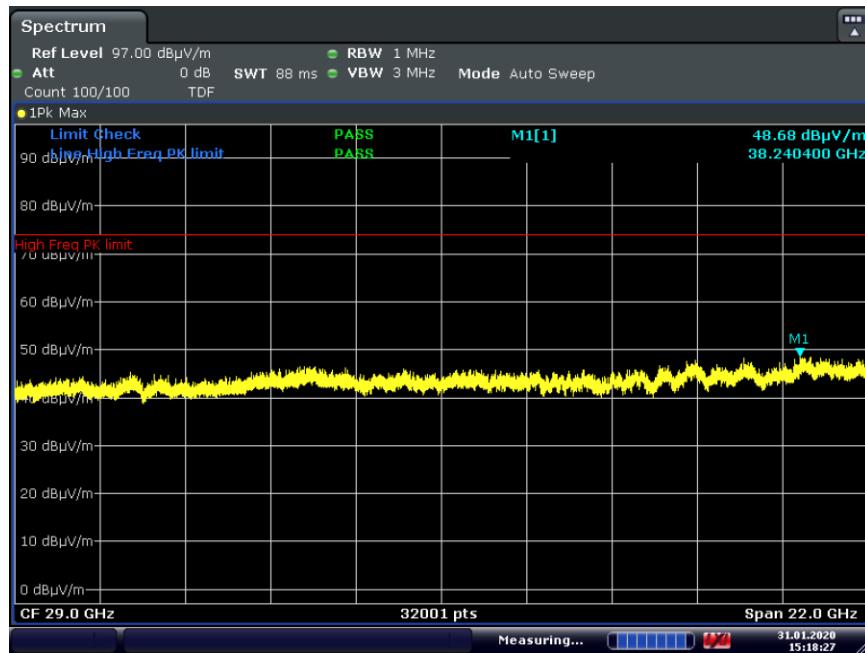


Plot 7-781. Radiated Spurious Plot 18GHz – 40 GHz CDD (802.11ax – RU26, Pol. H)

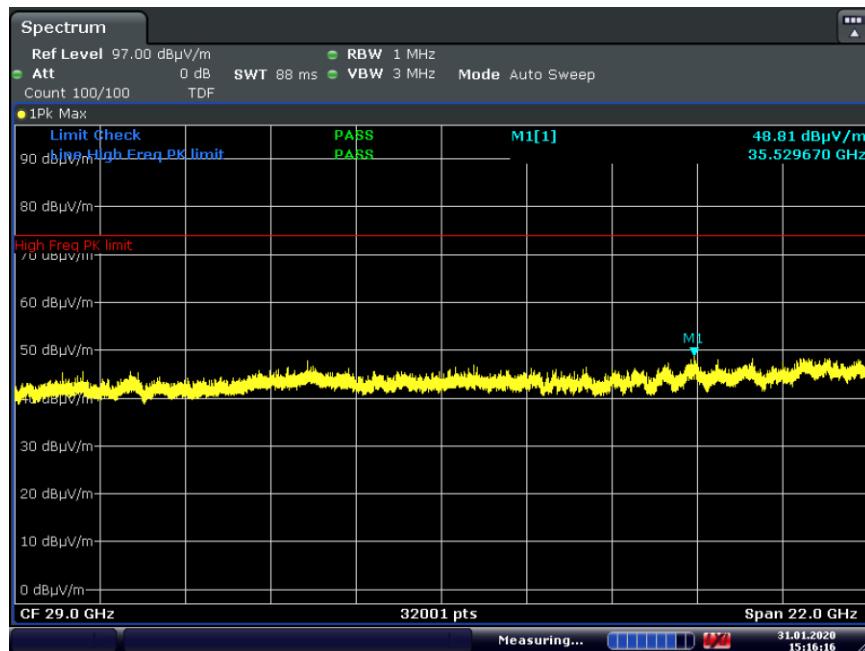


Plot 7-782. Radiated Spurious Plot 18 GHz - 40GHz CDD (802.11ax – RU26, Pol. V)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 465 of 563	



Plot 7-783. Radiated Spurious Plot 18GHz – 40 GHz CDD (802.11ax – RU242, Pol. H)



Plot 7-784. Radiated Spurious Plot 18GHz – 40 GHz CDD (802.11ax – RU242, Pol. V)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 466 of 563



CDD/SDM Radiated Spurious Emission Measurements (RU26)

§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: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10360.00	Peak	H	-	-	-72.36	14.25	48.89	68.20	-19.31
15540.00	Average	H	-	-	-85.24	20.62	42.38	53.98	-11.60
15540.00	Peak	H	-	-	-74.16	20.62	53.46	73.98	-20.52

Table 7-131. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10400.00	Peak	V	109	147	-71.44	14.06	49.62	68.20	-18.58
15600.00	Average	H	-	-	-85.09	20.59	42.50	53.98	-11.48
15600.00	Peak	H	-	-	-73.26	20.59	54.33	73.98	-19.65

Table 7-132. Radiated Measurements CDD (RU26)

FCC ID: BCGA2229		MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device				

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10480.00	Peak	V	104	138	-70.79	14.54	50.75	68.20	-17.45
15720.00	Average	H	-	-	-85.70	21.09	42.39	53.98	-11.59
15720.00	Peak	H	-	-	-74.41	21.09	53.68	73.98	-20.30

Table 7-133. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10520.00	Peak	H	-	-	-72.39	14.89	49.50	68.20	-18.70
15780.00	Average	H	-	-	-85.95	20.78	41.83	53.98	-12.14
15780.00	Peak	H	-	-	-74.31	20.78	53.47	73.98	-20.50

Table 7-134. Radiated Measurements CDD (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			Page 468 of 563

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10560.00	Peak	H	-	-	-71.66	14.54	49.88	68.20	-18.32
15840.00	Average	H	-	-	-85.96	21.24	42.28	53.98	-11.70
15840.00	Peak	H	-	-	-74.25	21.24	53.99	73.98	-19.99

Table 7-135. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
10640.00	Average	H	-	-	-83.51	14.96	38.45	53.98	-15.53
10640.00	Peak	H	-	-	-72.20	14.96	49.76	73.98	-24.22
15960.00	Average	H	-	-	-85.45	21.96	43.51	53.98	-10.47
15960.00	Peak	H	-	-	-74.15	21.96	54.81	73.98	-19.17

Table 7-136. Radiated Measurements CDD (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11000.00	Average	H	-	-	-84.16	16.36	39.20	53.98	-14.78
11000.00	Peak	H	-	-	-72.11	16.36	51.25	73.98	-22.73
16500.00	Peak	H	-	-	-73.38	21.84	55.46	68.20	-12.74

Table 7-137. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 3 Meters
 Operating Frequency: 5580MHz
 Channel: 116

Frequency [MHz]	Detector	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11200.00	Average	H	-	-	-84.20	16.15	38.95	53.98	-15.03
11200.00	Peak	H	-	-	-72.33	16.15	50.82	73.98	-23.16
16800.00	Peak	H	-	-	-73.67	22.18	55.51	68.20	-12.69

Table 7-138. Radiated Measurements CDD (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device		

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11440.00	Average	H	-	-	-84.41	17.00	39.59	53.98	-14.39
11440.00	Peak	H	-	-	-73.06	17.00	50.94	73.98	-23.04
17160.00	Peak	H	-	-	-73.37	22.04	55.67	68.20	-12.53

Table 7-139. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11490.00	Average	H	-	-	-84.59	16.41	38.82	53.98	-15.16
11490.00	Peak	H	-	-	-73.01	16.41	50.40	73.98	-23.58
17235.00	Peak	H	-	-	-73.44	22.58	56.14	68.20	-12.06

Table 7-140. Radiated Measurements CDD (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)				Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device			

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11570.00	Average	H	-	-	-84.41	16.96	39.55	53.98	-14.43
11570.00	Peak	H	-	-	-72.94	16.96	51.02	73.98	-22.96
17355.00	Peak	H	-	-	-73.29	22.57	56.28	68.20	-11.92

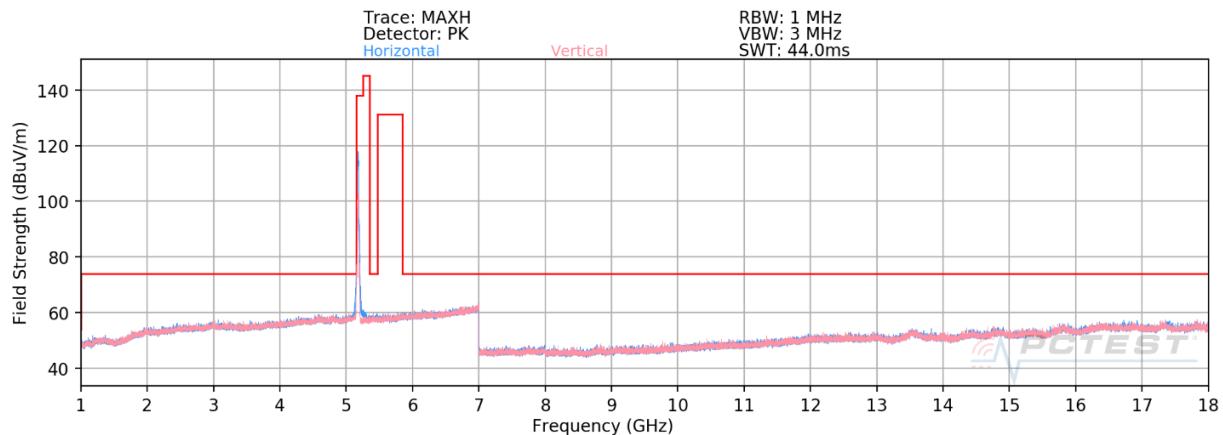
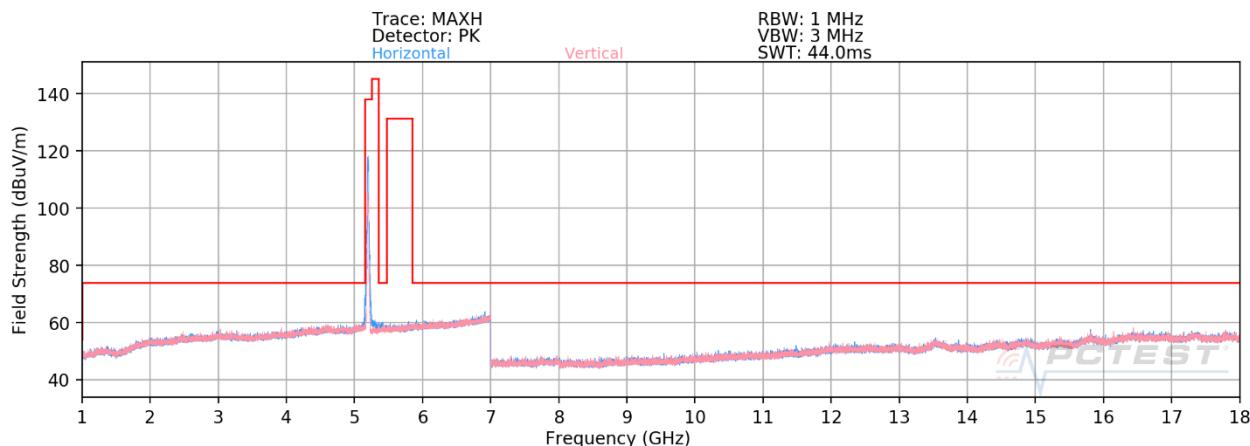
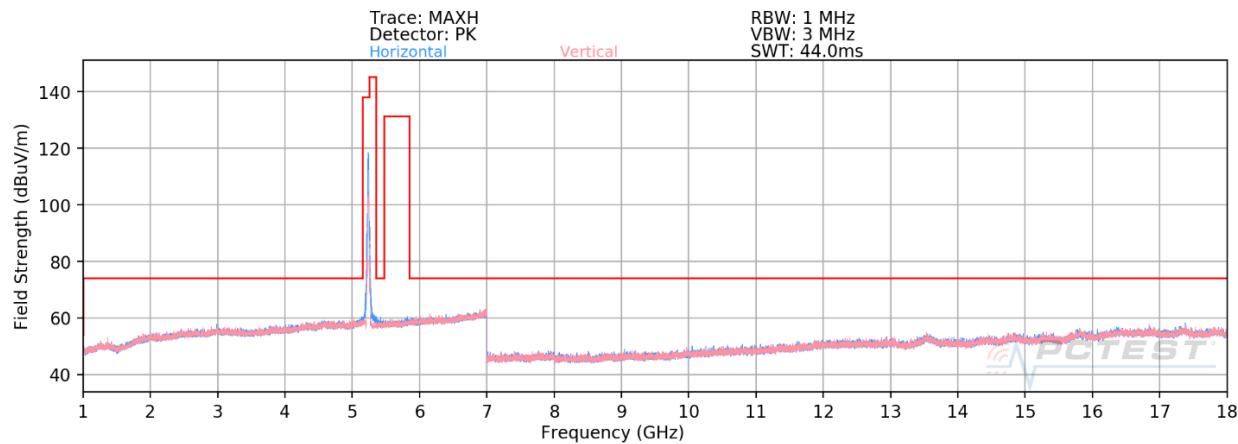
Table 7-141. Radiated Measurements CDD (RU26)

Worst Case Mode: 802.11ax (20MHz BW)
 Worst Case Transfer Rate: MCS0
 RU Index: 54
 Distance of Measurements: 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]	Field Strength [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]
11650.00	Average	H	-	-	-84.40	16.43	39.03	53.98	-14.95
11650.00	Peak	H	-	-	-72.47	16.43	50.96	73.98	-23.02
17475.00	Peak	H	-	-	-72.61	21.90	56.29	68.20	-11.91

Table 7-142. Radiated Measurements CDD (RU26)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device		


Plot 7-785. Radiated Spurious Plot above 1GHz CDD CORE 0 (802.11ax – U1 Ch. 36 – RU242)

Plot 7-786. Radiated Spurious Plot above 1GHz CDD CORE 0 (802.11ax – U1 Ch. 40 – RU242)

Plot 7-787. Radiated Spurious Plot above 1GHz CDD CORE 0 (802.11ax – U1 Ch. 48 – RU242)

FCC ID: BCGA2229	 MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1C1912170053-09-R1.BCG	Test Dates: 12/10/2019 - 02/12/2020	EUT Type: Tablet Device	Page 473 of 563