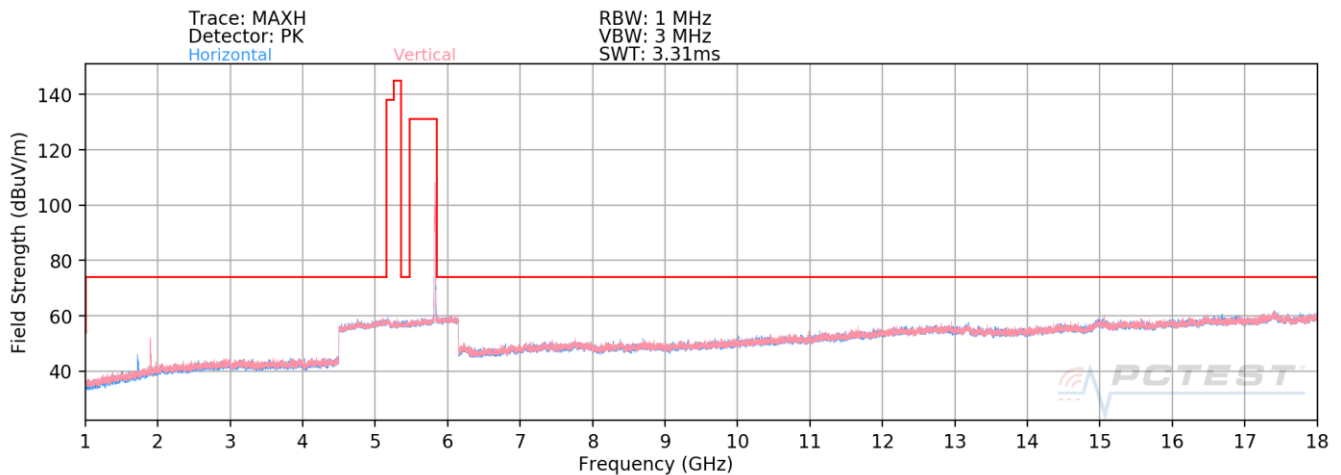


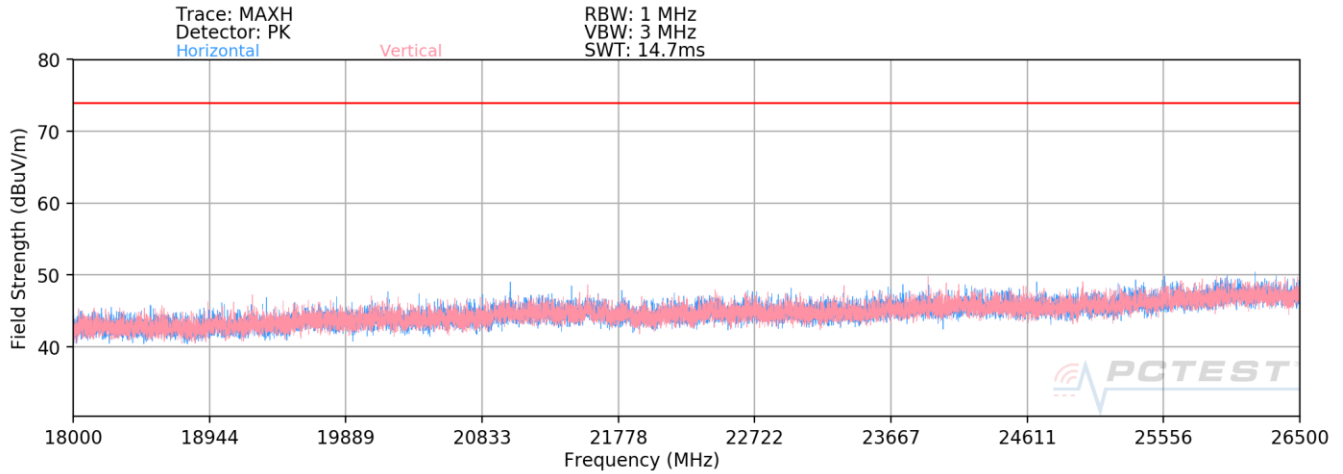
Plot 7-275. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2C Ch. 120 – 26 Tones)



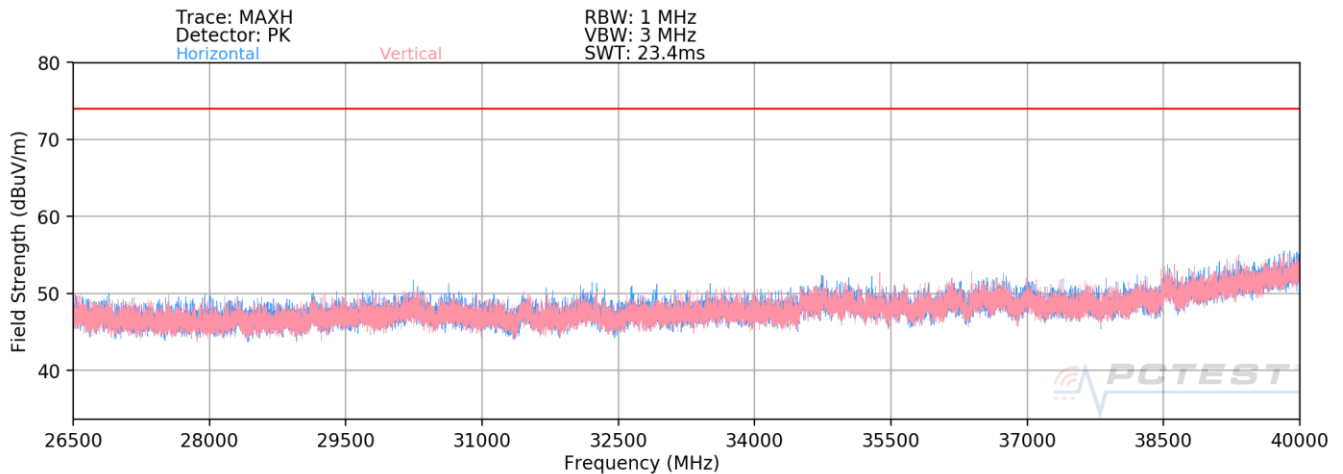
Plot 7-276. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U3 Ch. 157 – 26 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 233 of 274

MIMO Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-277. Radiated Spurious Plot 18GHz - 26.5GHz MIMO (802.11ax – 26 Tones)



Plot 7-278. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11ax – 26 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 234 of 274

MIMO 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: 54
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	V	-	-	-60.47	16.59	0.00	63.12	68.20	-5.08
* 15540.00	Average	V	-	-	-81.24	23.05	0.00	48.81	53.98	-5.17
* 15540.00	Peak	V	-	-	-69.01	23.05	0.00	61.04	73.98	-12.94
* 20720.00	Average	V	-	-	-66.89	5.75	-9.54	36.32	53.98	-17.66
* 20720.00	Peak	V	-	-	-55.15	5.75	-9.54	48.06	73.98	-25.92
25900.00	Peak	V	-	-	-56.06	7.99	-9.54	49.39	68.20	-18.81

Table 7-152. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	236	301	-59.21	16.39	0.00	64.18	68.20	-4.02
* 15600.00	Average	V	-	-	-82.01	23.08	0.00	48.07	53.98	-5.91
* 15600.00	Peak	V	-	-	-70.22	23.08	0.00	59.86	73.98	-14.12
* 20800.00	Average	V	-	-	-66.89	5.54	-9.54	36.12	53.98	-17.86
* 20800.00	Peak	V	-	-	-54.83	5.54	-9.54	48.18	73.98	-25.80
26000.00	Peak	V	-	-	-56.03	8.12	-9.54	49.55	68.20	-18.65

Table 7-153. Radiated Measurements MIMO (26 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 235 of 274

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	374	22	-59.23	16.47	0.00	64.24	68.20	-3.96
* 15720.00	Average	V	-	-	-80.98	23.18	0.00	49.20	53.98	-4.78
* 15720.00	Peak	V	-	-	-71.11	23.18	0.00	59.07	73.98	-14.91
* 20960.00	Average	V	-	-	-66.95	5.67	-9.54	36.18	53.98	-17.79
* 20960.00	Peak	V	-	-	-55.58	5.67	-9.54	47.55	73.98	-26.42
26200.00	Peak	V	-	-	-54.90	8.28	-9.54	50.83	68.20	-17.37

Table 7-154. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	256	39	-59.39	16.82	0.00	64.43	68.20	-3.77
* 15780.00	Average	V	-	-	-81.33	23.23	0.00	48.90	53.98	-5.08
* 15780.00	Peak	V	-	-	-71.11	23.23	0.00	59.12	73.98	-14.86
* 21040.00	Average	V	-	-	-66.53	5.89	-9.54	36.82	53.98	-17.16
* 21040.00	Peak	V	-	-	-55.30	5.89	-9.54	48.05	73.98	-25.93
26300.00	Peak	V	-	-	-56.01	7.92	-9.54	49.37	68.20	-18.83

Table 7-155. Radiated Measurements MIMO (26 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 236 of 274

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	301	29	-60.11	17.16	0.00	64.05	68.20	-4.15
* 15840.00	Average	V	-	-	-82.11	23.33	0.00	48.22	53.98	-5.75
* 15840.00	Peak	V	-	-	-70.89	23.33	0.00	59.44	73.98	-14.53
* 21120.00	Average	V	-	-	-66.80	6.25	-9.54	36.91	53.98	-17.07
* 21120.00	Peak	V	-	-	-55.93	6.25	-9.54	47.78	73.98	-26.20
* 26400.00	Peak	V	-	-	-55.75	7.92	-9.54	49.62	68.20	-18.58

Table 7-156. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	285	44	-74.21	17.05	0.00	49.84	53.98	-4.14
* 10640.00	Peak	V	285	44	-60.99	17.05	0.00	63.06	73.98	-10.92
* 15960.00	Average	V	-	-	-81.68	23.64	0.00	48.96	53.98	-5.02
* 15960.00	Peak	V	-	-	-70.49	23.64	0.00	60.15	73.98	-13.83
* 21280.00	Average	V	-	-	-66.29	6.30	-9.54	37.46	53.98	-16.51
* 21280.00	Peak	V	-	-	-56.04	6.30	-9.54	47.71	73.98	-26.27
* 26600.00	Peak	V	-	-	-55.70	8.04	-9.54	49.80	68.20	-18.40

Table 7-157. Radiated Measurements MIMO (26 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 237 of 274

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	-	-	-80.46	17.66	0.00	44.20	53.98	-9.78
* 11000.00	Peak	V	-	-	-69.69	17.66	0.00	54.97	73.98	-19.01
16500.00	Peak	V	-	-	-70.21	24.74	0.00	61.53	68.20	-6.67
22000.00	Peak	V	-	-	-56.18	6.07	-9.54	47.35	68.20	-20.85
27500.00	Peak	V	-	-	-56.21	7.30	-9.54	48.55	68.20	-19.65

Table 7-158. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	-	-	-80.74	17.46	0.00	43.72	53.98	-10.26
* 11200.00	Peak	V	-	-	-69.07	17.46	0.00	55.39	73.98	-18.59
16800.00	Peak	V	-	-	-71.00	24.80	0.00	60.80	68.20	-7.40
* 22400.00	Average	V	-	-	-66.16	6.17	-9.54	37.47	53.98	-16.51
* 22400.00	Peak	V	-	-	-56.37	6.17	-9.54	47.26	73.98	-26.72
28000.00	Peak	V	-	-	-56.14	7.41	-9.54	48.72	68.20	-19.48

Table 7-159. Radiated Measurements MIMO (26 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 238 of 274

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	-	-	-80.75	18.11	0.00	44.36	53.98	-9.62
* 11440.00	Peak	V	-	-	-68.54	18.11	0.00	56.57	73.98	-17.41
17160.00	Peak	V	-	-	-70.46	24.84	0.00	61.38	68.20	-6.82
* 22880.00	Average	V	-	-	-66.58	6.33	-9.54	37.20	53.98	-16.78
* 22880.00	Peak	V	-	-	-56.40	6.33	-9.54	47.39	73.98	-26.59
28600.00	Peak	V	-	-	-55.61	7.87	-9.54	49.72	68.20	-18.48

Table 7-160. Radiated Measurements MIMO (26 Tones)

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	-	-	-81.07	18.05	0.00	43.98	53.98	-10.00
* 11490.00	Peak	V	-	-	-69.04	18.05	0.00	56.01	73.98	-17.97
17235.00	Peak	V	-	-	-70.00	25.61	0.00	62.61	68.20	-5.59
* 22980.00	Average	V	-	-	-66.51	6.35	-9.54	37.30	53.98	-16.68
* 22980.00	Peak	V	-	-	-55.89	6.35	-9.54	47.92	73.98	-26.06
28725.00	Peak	V	-	-	-55.93	7.99	-9.54	49.51	68.20	-18.69

Table 7-161. Radiated Measurements MIMO (26 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 239 of 274

Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
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	V	-	-	-80.57	18.08	0.00	44.51	53.98	-9.47
* 11570.00	Peak	V	-	-	-68.69	18.08	0.00	56.39	73.98	-17.59
17355.00	Peak	V	-	-	-70.52	26.20	0.00	62.68	68.20	-5.52
23140.00	Peak	V	-	-	-56.70	6.38	-9.54	47.13	68.20	-21.07
28925.00	Peak	V	-	-	-56.31	7.85	-9.54	49.00	68.20	-19.20

Table 7-162. Radiated Measurements MIMO (26 Tones)

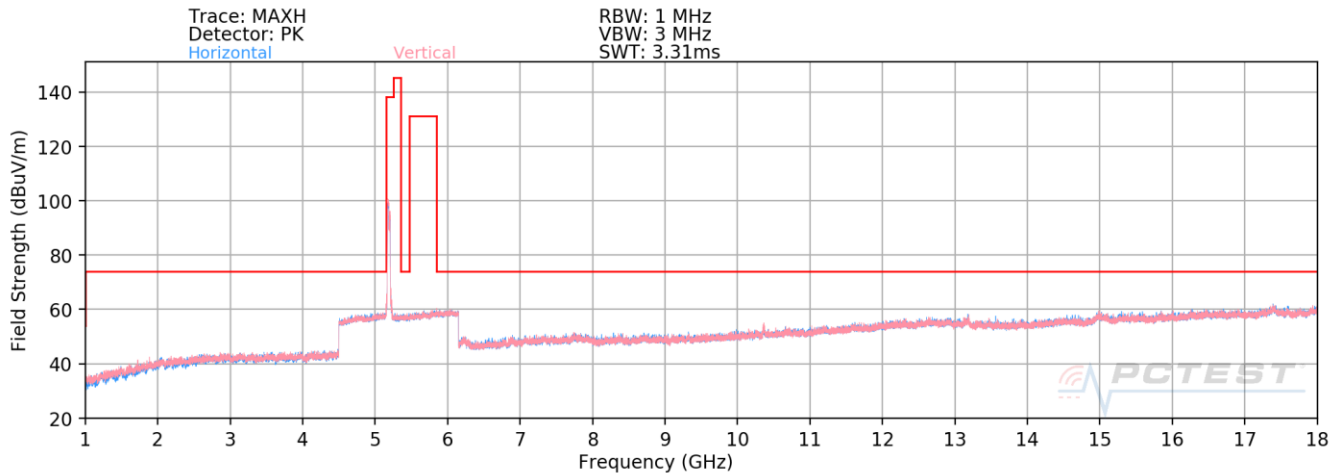
Worst Case Mode: 802.11ax (20MHz BW)
Worst Case Transfer Rate: MCS0
RU Index: 54
Distance of Measurements: 1 & 3 Meters
Operating Frequency: 5825MHz
Channel: 165

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	V	-	-	-81.24	18.09	0.00	43.85	53.98	-10.13
* 11650.00	Peak	V	-	-	-69.33	18.09	0.00	55.76	73.98	-18.22
17475.00	Peak	V	-	-	-70.41	25.92	0.00	62.51	68.20	-5.69
23300.00	Peak	V	-	-	-56.16	6.41	-9.54	47.71	68.20	-20.49
29125.00	Peak	V	-	-	-55.64	8.35	-9.54	50.17	68.20	-18.03

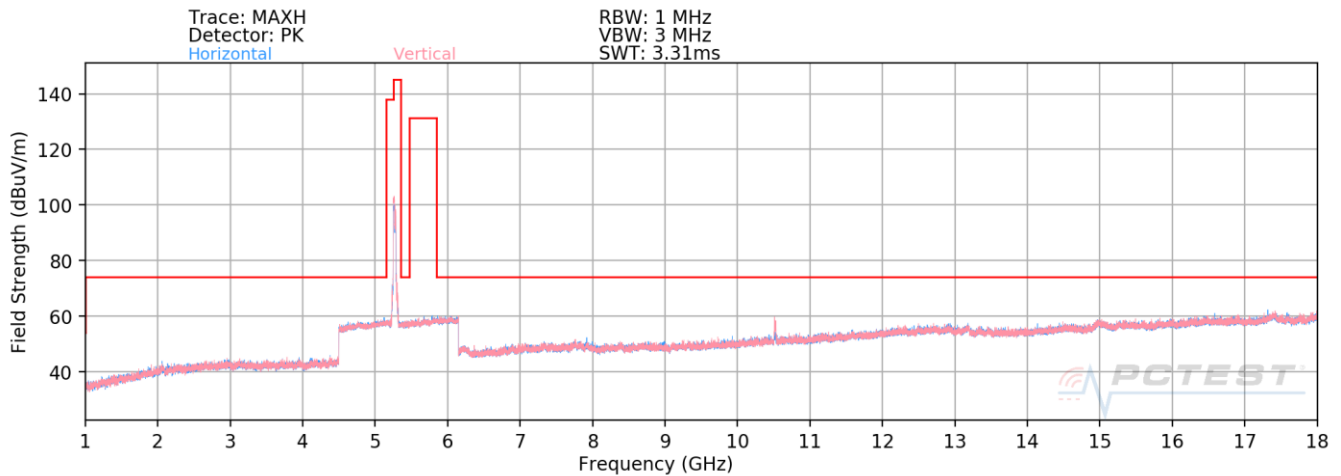
Table 7-163. Radiated Measurements MIMO (26 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of  element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 240 of 274

242 Tones

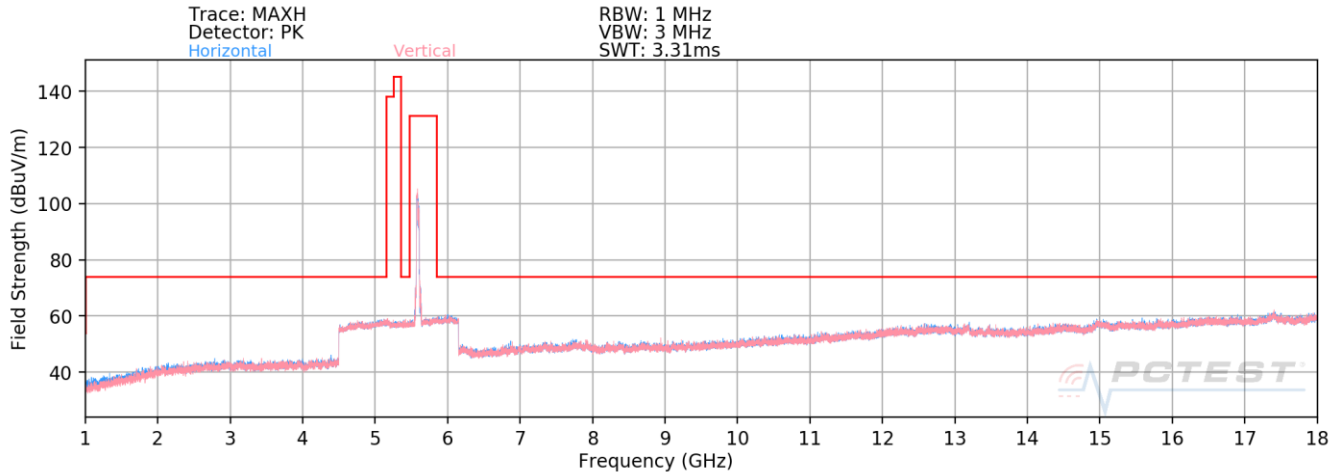


Plot 7-279. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U1 Ch. 40 – 242 Tones)

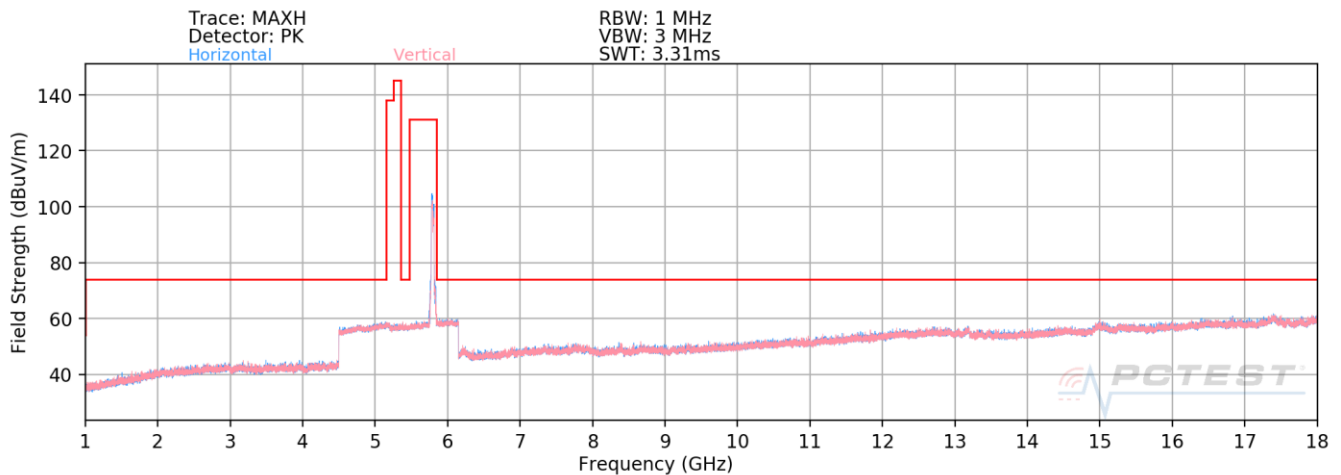


Plot 7-280. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2A Ch. 56 – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 241 of 274



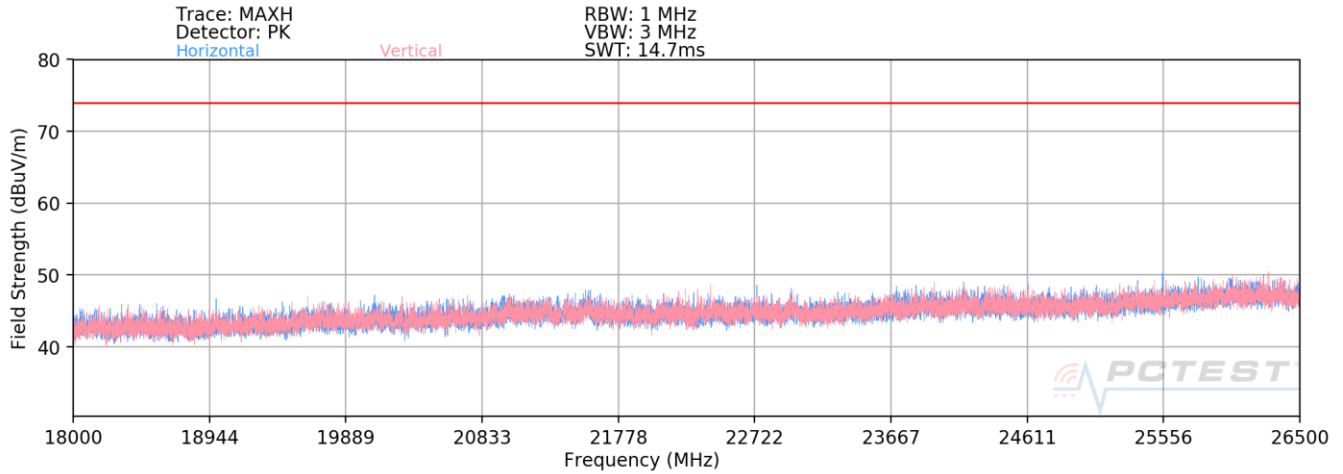
Plot 7-281. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U2C Ch. 120 – 242 Tones)



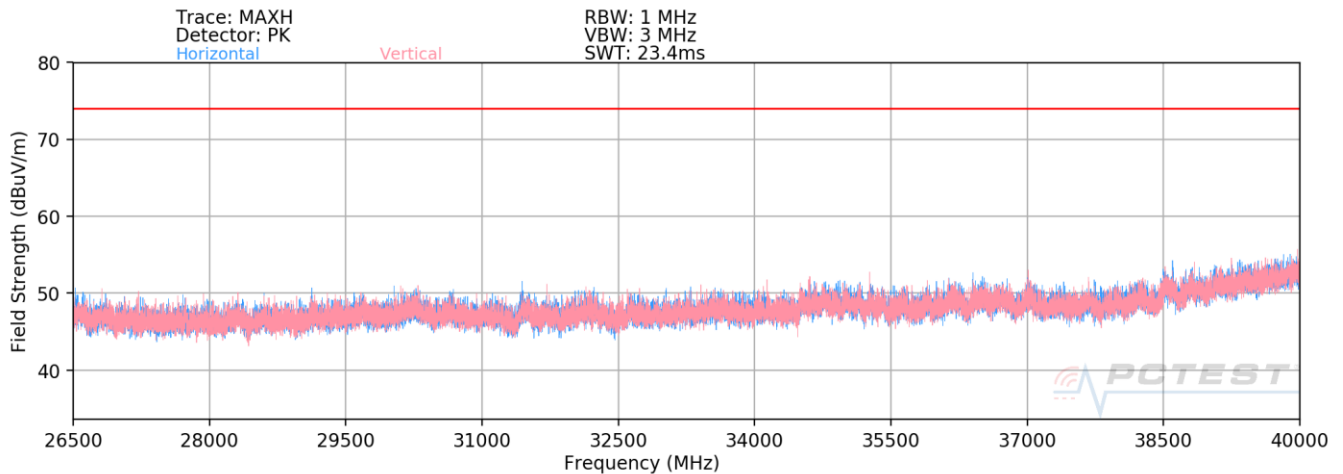
Plot 7-282. Radiated Spurious Plot above 1GHz MIMO (802.11ax – U3 Ch. 157 – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 242 of 274

MIMO Radiated Spurious Emissions Measurements (Above 18GHz)



Plot 7-283. Radiated Spurious Plot 18GHz - 26.5GHz MIMO (802.11ax – 242 Tones)



Plot 7-284. Radiated Spurious Plot 26.5GHz - 40GHz MIMO (802.11ax – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 243 of 274

MIMO 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	V	-	-	-61.01	16.59	0.00	62.58	68.20	-5.62
* 15540.00	Average	V	-	-	-80.13	23.05	0.00	49.92	53.98	-4.06
* 15540.00	Peak	V	-	-	-62.33	23.05	0.00	67.72	73.98	-6.26
* 20720.00	Average	V	-	-	-66.49	5.75	-9.54	36.72	53.98	-17.26
* 20720.00	Peak	V	-	-	-56.01	5.75	-9.54	47.20	73.98	-26.78
25900.00	Peak	V	-	-	-55.79	7.99	-9.54	49.66	68.20	-18.54

Table 7-164. Radiated Measurements MIMO (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	V	-	-	-59.42	16.39	0.00	63.97	68.20	-4.23
* 15600.00	Average	V	-	-	-79.33	23.08	0.00	50.75	53.98	-3.23
* 15600.00	Peak	V	-	-	-60.06	23.08	0.00	70.02	73.98	-3.96
* 20800.00	Average	V	-	-	-65.97	5.54	-9.54	37.04	53.98	-16.94
* 20800.00	Peak	V	-	-	-56.26	5.54	-9.54	46.74	73.98	-27.24
26000.00	Peak	V	-	-	-55.38	8.12	-9.54	50.20	68.20	-18.00

Table 7-165. Radiated Measurements MIMO (242 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 244 of 274

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	V	-	-	-60.23	16.47	0.00	63.24	68.20	-4.96
* 15720.00	Average	V	-	-	-81.01	23.18	0.00	49.17	53.98	-4.81
* 15720.00	Peak	V	-	-	-61.23	23.18	0.00	68.95	73.98	-5.03
* 20960.00	Average	V	-	-	-66.44	5.67	-9.54	36.69	53.98	-17.29
* 20960.00	Peak	V	-	-	-55.80	5.67	-9.54	47.33	73.98	-26.65
26200.00	Peak	V	-	-	-55.31	8.28	-9.54	50.43	68.20	-17.77

Table 7-166. Radiated Measurements MIMO (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	V	-	-	-60.52	16.82	0.00	63.30	68.20	-4.90
* 15780.00	Average	V	-	-	-82.01	23.23	0.00	48.22	53.98	-5.76
* 15780.00	Peak	V	-	-	-61.33	23.23	0.00	68.90	73.98	-5.08
* 21040.00	Average	V	-	-	-66.29	5.89	-9.54	37.05	53.98	-16.92
* 21040.00	Peak	V	-	-	-56.35	5.89	-9.54	47.00	73.98	-26.98
26300.00	Peak	V	-	-	-56.54	7.92	-9.54	48.84	68.20	-19.36

Table 7-167. Radiated Measurements MIMO (242 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 245 of 274

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	V	-	-	-60.23	17.16	0.00	63.93	68.20	-4.27
* 15840.00	Average	V	-	-	-80.23	23.33	0.00	50.10	53.98	-3.87
* 15840.00	Peak	V	-	-	-61.33	23.33	0.00	69.00	73.98	-4.97
* 21120.00	Average	V	-	-	-66.57	6.25	-9.54	37.14	53.98	-16.84
* 21120.00	Peak	V	-	-	-55.78	6.25	-9.54	47.93	73.98	-26.05
26400.00	Peak	V	-	-	-55.56	7.92	-9.54	49.81	68.20	-18.39

Table 7-168. Radiated Measurements MIMO (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	V	-	-	-79.82	17.05	0.00	44.23	53.98	-9.75
* 10640.00	Peak	V	-	-	-60.42	17.05	0.00	63.63	73.98	-10.35
* 15960.00	Average	V	-	-	-80.44	23.64	0.00	50.20	53.98	-3.78
* 15960.00	Peak	V	-	-	-61.22	23.64	0.00	69.42	73.98	-4.56
* 21280.00	Average	V	-	-	-66.15	6.30	-9.54	37.61	53.98	-16.37
* 21280.00	Peak	V	-	-	-55.20	6.30	-9.54	48.56	73.98	-25.42
26600.00	Peak	V	-	-	-55.46	8.04	-9.54	50.03	68.20	-18.17

Table 7-169. Radiated Measurements MIMO (242 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 246 of 274

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	V	-	-	-78.24	17.66	0.00	46.42	53.98	-7.56
* 11000.00	Peak	V	-	-	-59.99	17.66	0.00	64.67	73.98	-9.31
16500.00	Peak	V	-	-	-72.00	24.74	0.00	59.74	68.20	-8.46
22000.00	Peak	V	-	-	-55.65	6.07	-9.54	47.88	68.20	-20.32
27500.00	Peak	V	-	-	-56.09	7.30	-9.54	48.66	68.20	-19.54

Table 7-170. Radiated Measurements MIMO (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	V	-	-	-79.99	17.46	0.00	44.47	53.98	-9.51
* 11200.00	Peak	V	-	-	-62.36	17.46	0.00	62.10	73.98	-11.88
16800.00	Peak	V	-	-	-66.99	24.80	0.00	64.81	68.20	-3.39
* 22400.00	Average	V	-	-	-66.49	6.17	-9.54	37.14	53.98	-16.84
* 22400.00	Peak	V	-	-	-56.09	6.17	-9.54	47.54	73.98	-26.44
28000.00	Peak	V	-	-	-56.21	7.41	-9.54	48.65	68.20	-19.55

Table 7-171. Radiated Measurements MIMO (242 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 247 of 274

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	V	-	-	-78.99	18.11	0.00	46.12	53.98	-7.86
* 11440.00	Peak	V	-	-	-63.04	18.11	0.00	62.07	73.98	-11.91
17160.00	Peak	V	-	-	-66.85	24.84	0.00	64.99	68.20	-3.21
* 22880.00	Average	V	-	-	-66.78	6.33	-9.54	37.01	53.98	-16.97
* 22880.00	Peak	V	-	-	-56.09	6.33	-9.54	47.70	73.98	-26.28
28600.00	Peak	V	-	-	-56.23	7.87	-9.54	49.10	68.20	-19.10

Table 7-172. Radiated Measurements MIMO (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	V	-	-	-80.33	18.05	0.00	44.72	53.98	-9.26
* 11490.00	Peak	V	-	-	-63.55	18.05	0.00	61.50	73.98	-12.48
17235.00	Peak	V	-	-	-70.55	25.61	0.00	62.06	68.20	-6.14
* 22980.00	Average	V	-	-	-66.18	6.35	-9.54	37.63	53.98	-16.35
* 22980.00	Peak	V	-	-	-56.19	6.35	-9.54	47.62	73.98	-26.36
28725.00	Peak	V	-	-	-56.05	7.99	-9.54	49.40	68.20	-18.80

Table 7-173. Radiated Measurements MIMO (242 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 248 of 274

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	V	-	-	-82.36	18.08	0.00	42.72	53.98	-11.26
* 11570.00	Peak	V	-	-	-63.28	18.08	0.00	61.80	73.98	-12.18
17355.00	Peak	V	-	-	-69.01	26.20	0.00	64.19	68.20	-4.01
23140.00	Peak	V	-	-	-56.12	6.38	-9.54	47.72	68.20	-20.48
28925.00	Peak	V	-	-	-55.43	7.85	-9.54	49.88	68.20	-18.32

Table 7-174. Radiated Measurements MIMO (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	V	-	-	-83.49	18.09	0.00	41.60	53.98	-12.38
* 11650.00	Peak	V	-	-	-64.53	18.09	0.00	60.56	73.98	-13.42
17475.00	Peak	V	-	-	-71.01	25.92	0.00	61.91	68.20	-6.29
23300.00	Peak	V	-	-	-56.25	6.41	-9.54	47.62	68.20	-20.58
29125.00	Peak	V	-	-	-55.32	8.35	-9.54	50.49	68.20	-17.71

Table 7-175. Radiated Measurements MIMO (242 Tones)

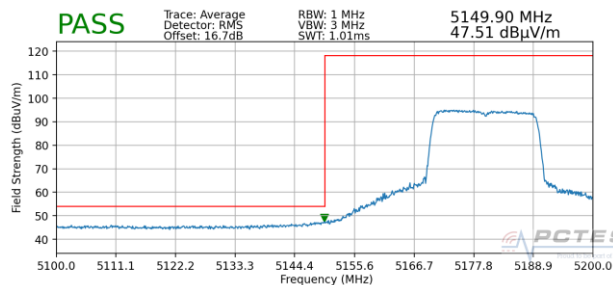
FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 249 of 274

7.6.4 SISO Antenna-1 Radiated Band Edge Measurements (20MHz BW)

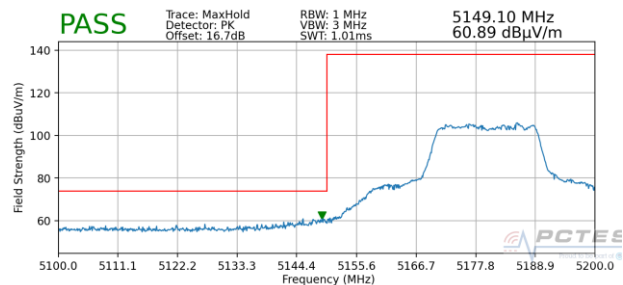
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]; RSS-Gen [8.9]

242 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

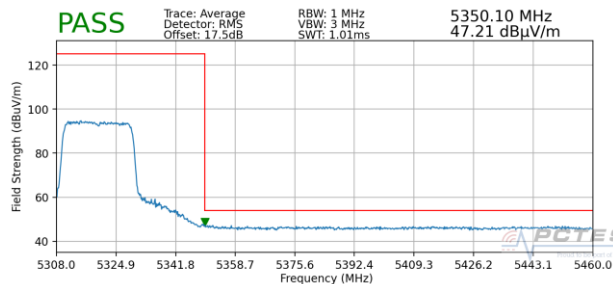


Plot 7-285. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1 – 242 Tones)

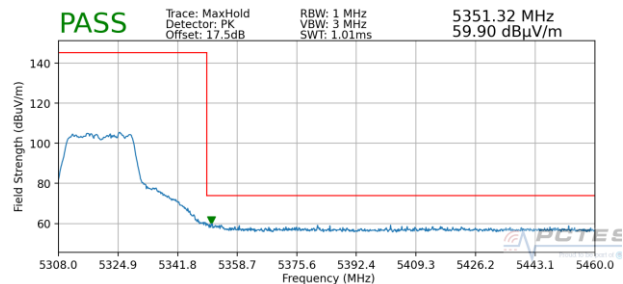


Plot 7-286. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1 – 242 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



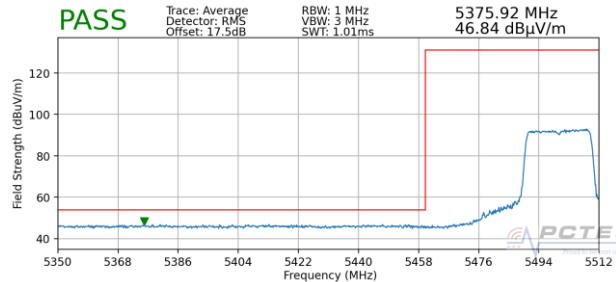
Plot 7-287. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A – 242 Tones)



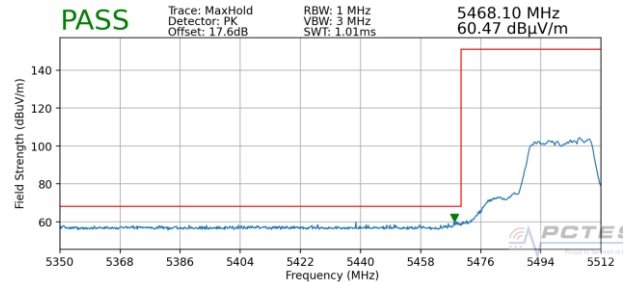
Plot 7-288. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 250 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

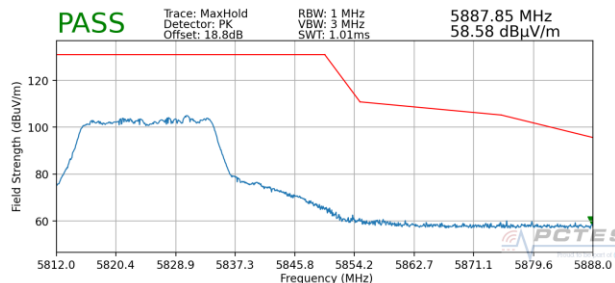


Plot 7-289. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C – 242 Tones)



Plot 7-290. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C – 242 Tones)

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



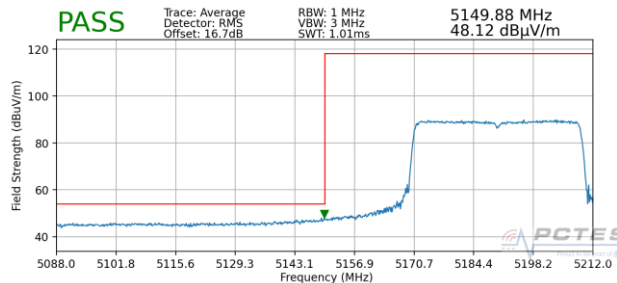
Plot 7-291. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3 – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 251 of 274

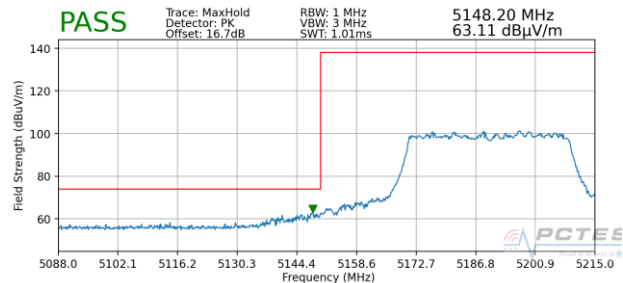
7.6.5 SISO Antenna-1 Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

484 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

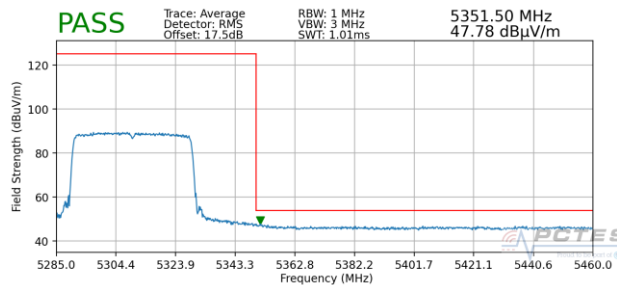


Plot 7-292. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1 – 484 Tones)

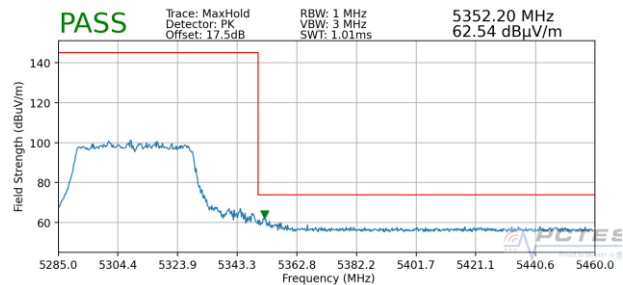


Plot 7-293. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1 – 484 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



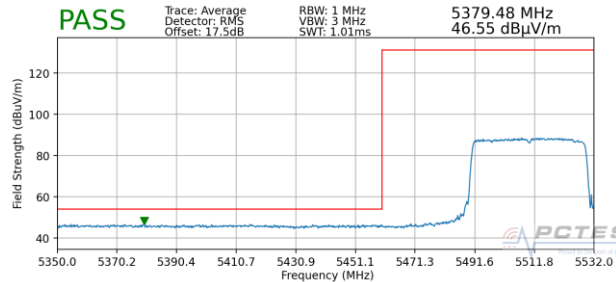
Plot 7-294. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A – 484 Tones)



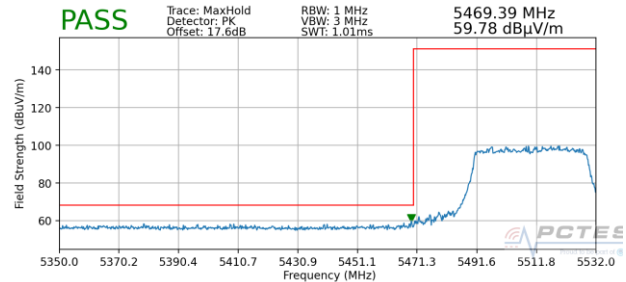
Plot 7-295. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A – 484 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 252 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5510MHz
Channel: 102

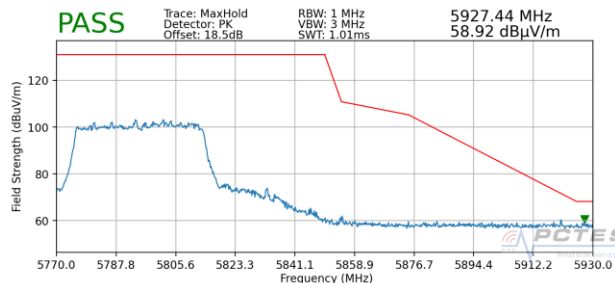


Plot 7-296. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C – 484 Tones)



Plot 7-297. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C – 484 Tones)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5795MHz
Channel: 159



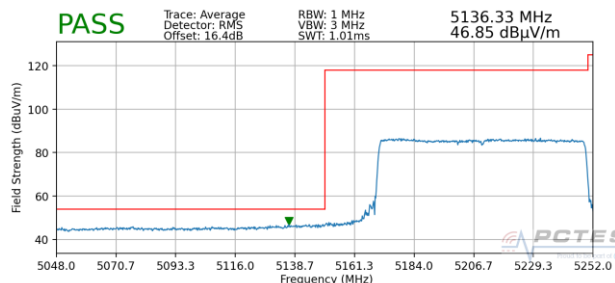
Plot 7-298. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3 – 484 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 253 of 274

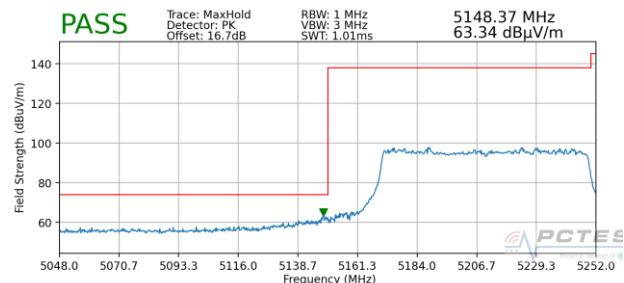
7.6.6 SISO Antenna-1 Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

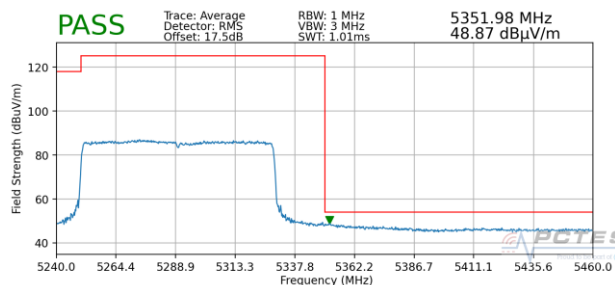


Plot 7-299. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1 – 996 Tones)

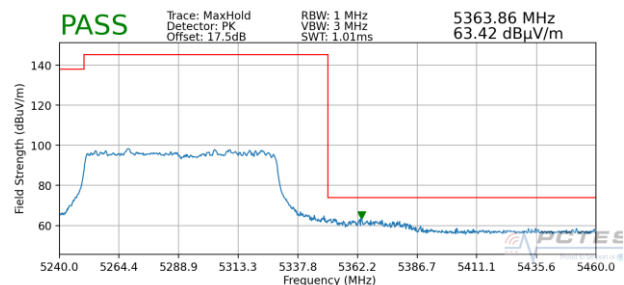


Plot 7-300. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



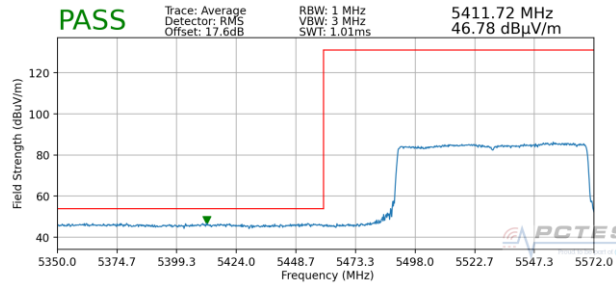
Plot 7-301. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A – 996 Tones)



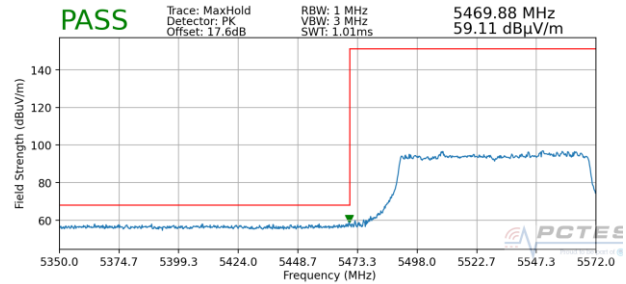
Plot 7-302. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A – 996 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 254 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5530MHz
Channel: 106

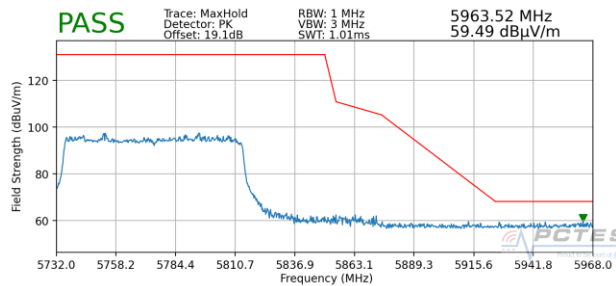


Plot 7-303. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C – 996 Tones)



Plot 7-304. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C – 996 Tones)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



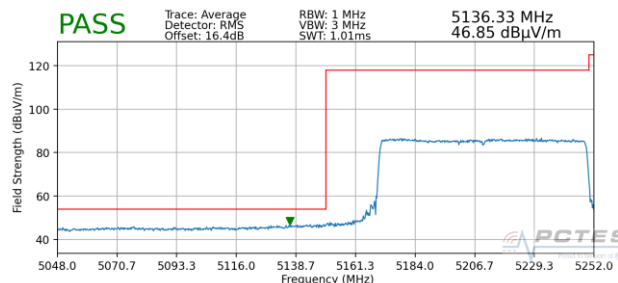
Plot 7-305. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 3 – 996 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 255 of 274

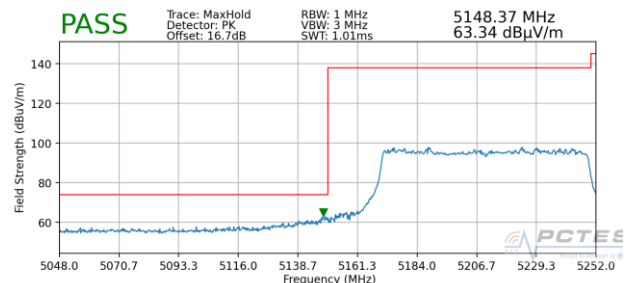
7.6.7 SISO Antenna-1 Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

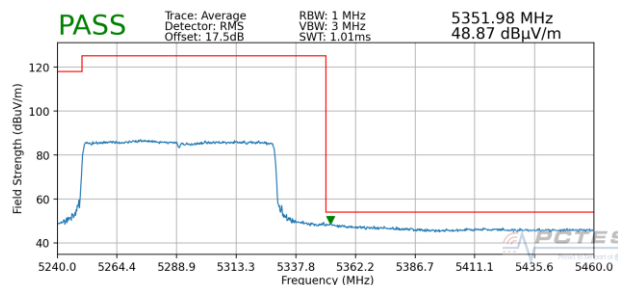


Plot 7-306. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 1 – 996 Tones)

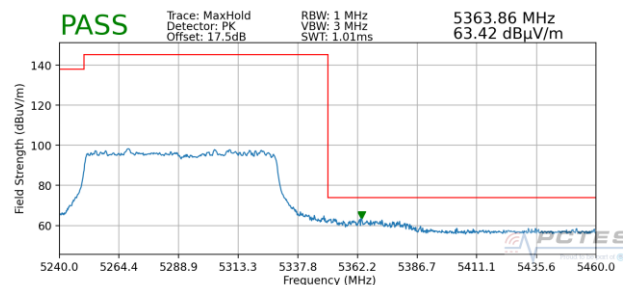


Plot 7-307. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



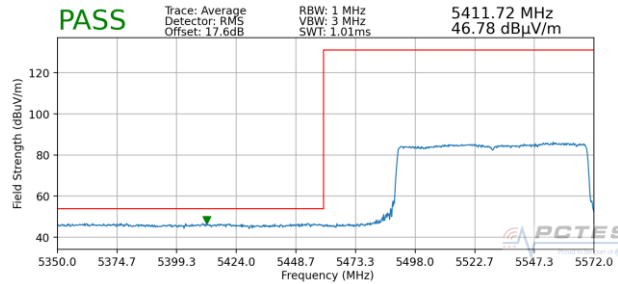
Plot 7-308. Radiated Upper Band Edge Plot SISO ANT1 (Average – UNII Band 2A – 996 Tones)



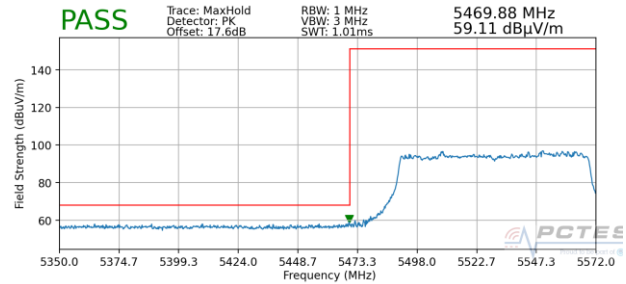
Plot 7-309. Radiated Upper Band Edge Plot SISO ANT1 (Peak – UNII Band 2A – 996 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 256 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5570MHz
Channel: 114



Plot 7-310. Radiated Lower Band Edge Plot SISO ANT1 (Average – UNII Band 2C – 996 Tones)



Plot 7-311. Radiated Lower Band Edge Plot SISO ANT1 (Peak – UNII Band 2C – 996 Tones)

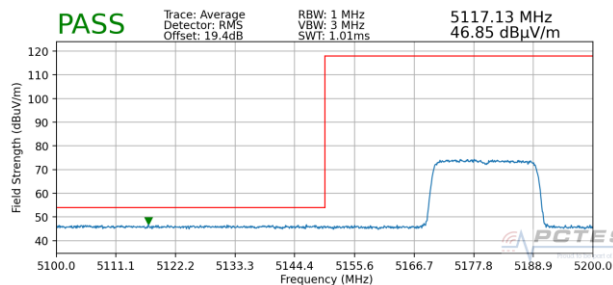
FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 257 of 274

7.6.8 SISO Antenna-2 Radiated Band Edge Measurements (20MHz BW)

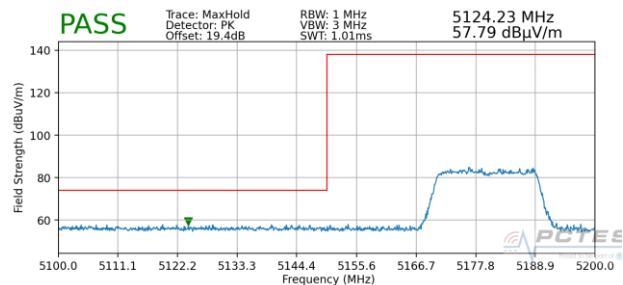
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]

242 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

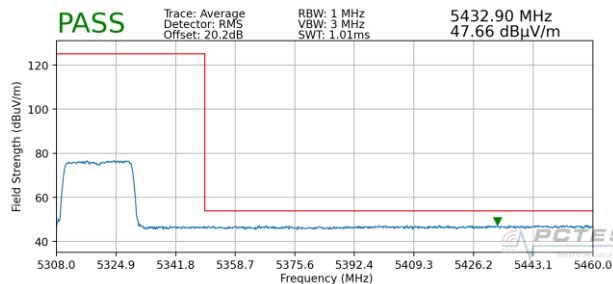


Plot 7-312. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 1 – 242 Tones)

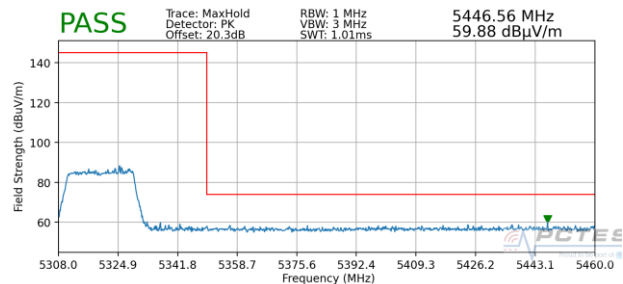


Plot 7-313. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 1 – 242 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



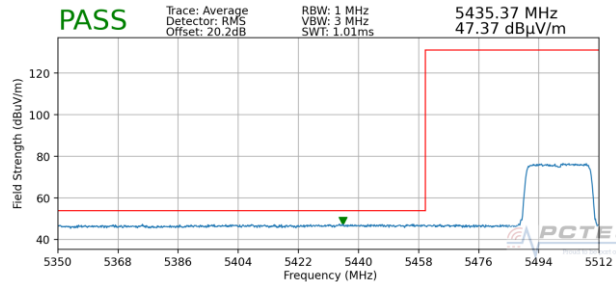
Plot 7-314. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 2A – 242 Tones)



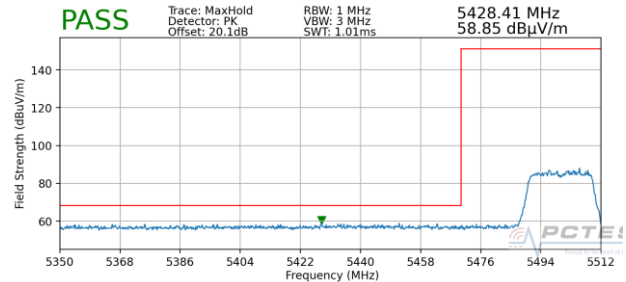
Plot 7-315. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 2A – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 258 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

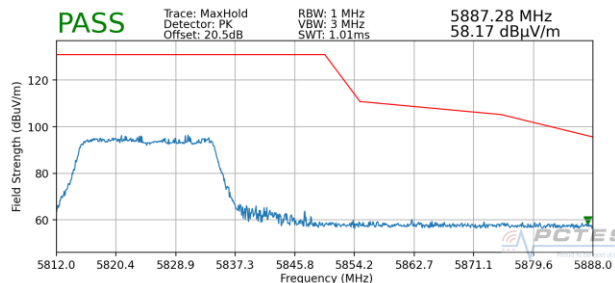


Plot 7-316. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 2C – 242 Tones)



Plot 7-317. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 2C – 242 Tones)

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



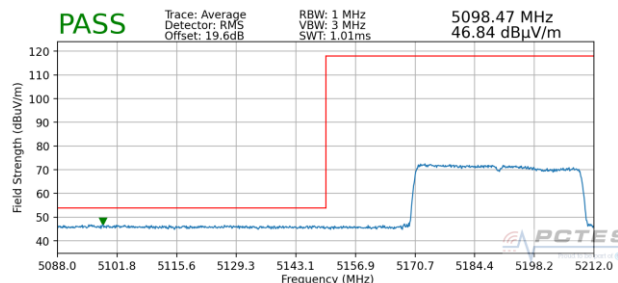
Plot 7-318. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 3 – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 259 of 274

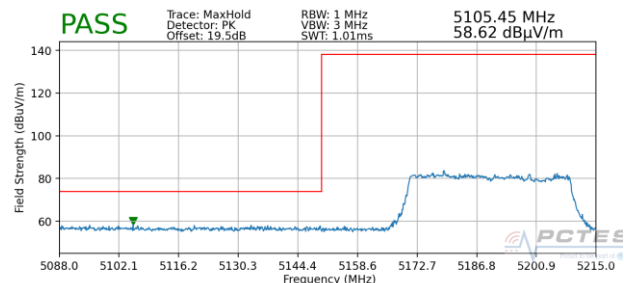
7.6.9 SISO Antenna-2 Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

484 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

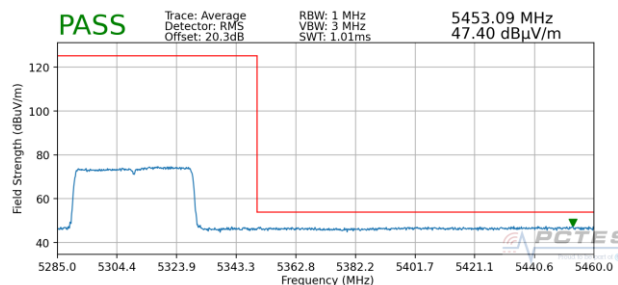


Plot 7-319. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 1 – 484 Tones)

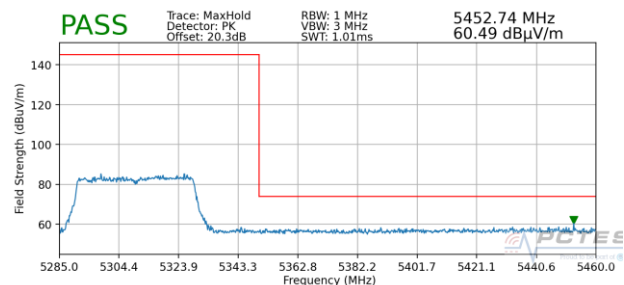


Plot 7-320. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 1 – 484 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



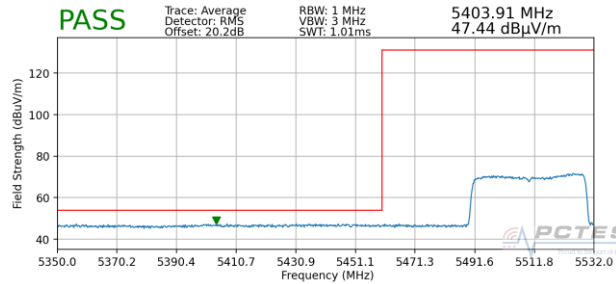
Plot 7-321. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 2A – 484 Tones)



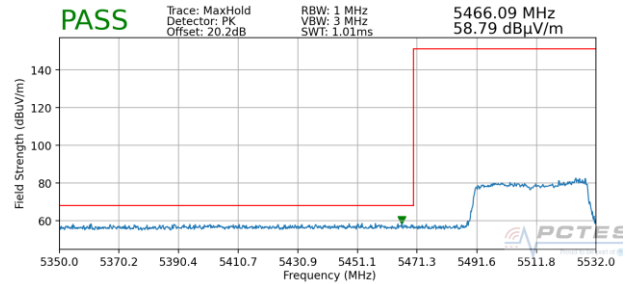
Plot 7-322. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 2A – 484 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 260 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5510MHz
Channel: 102

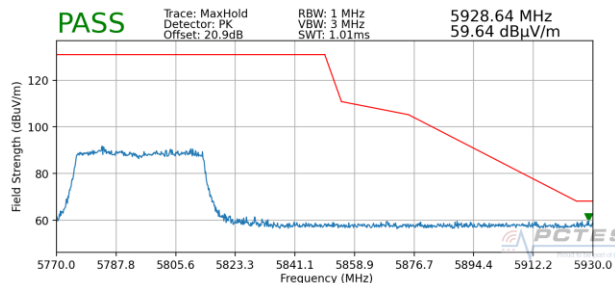


Plot 7-323. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 2C – 484 Tones)



Plot 7-324. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 2C – 484 Tones)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5795MHz
Channel: 159



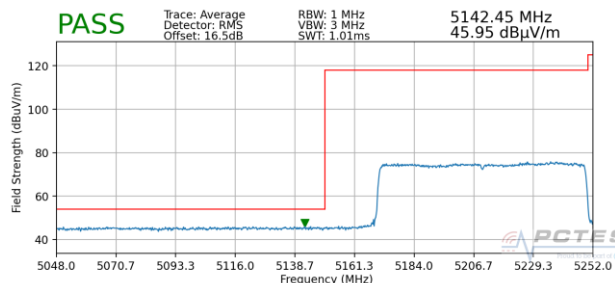
Plot 7-325. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 3 – 484 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 261 of 274

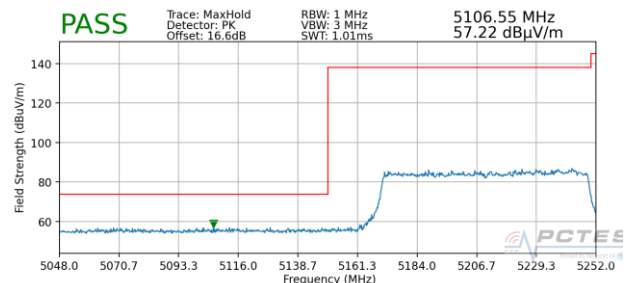
7.6.10 SISO Antenna-2 Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

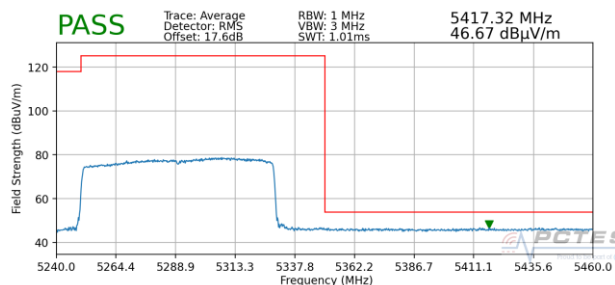


Plot 7-326. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 1 – 996 Tones)

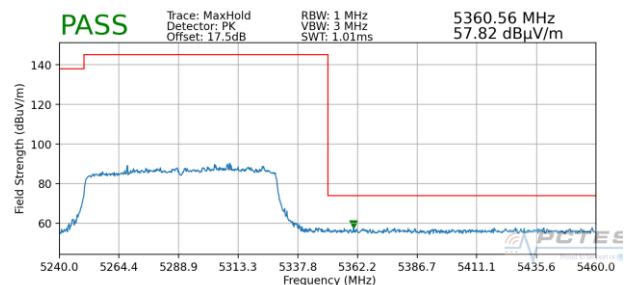


Plot 7-327. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



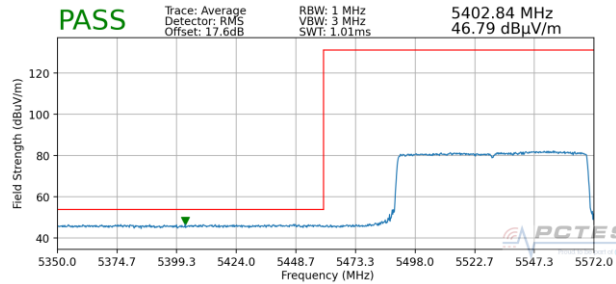
Plot 7-328. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 2A – 996 Tones)



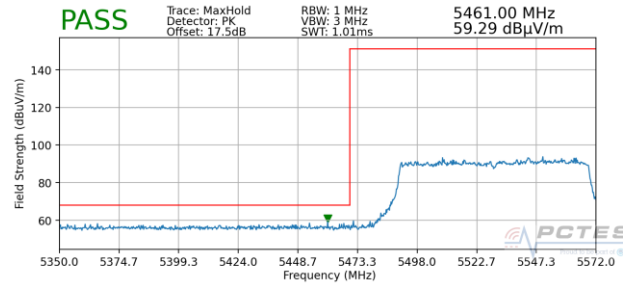
Plot 7-329. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 2A – 996 Tones)

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 262 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5530MHz
Channel: 106

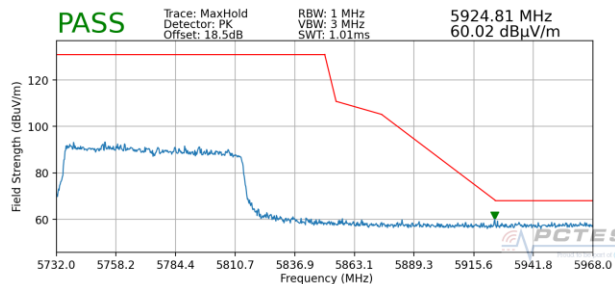


Plot 7-330. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 2C – 996 Tones)



Plot 7-331. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 2C – 996 Tones)

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



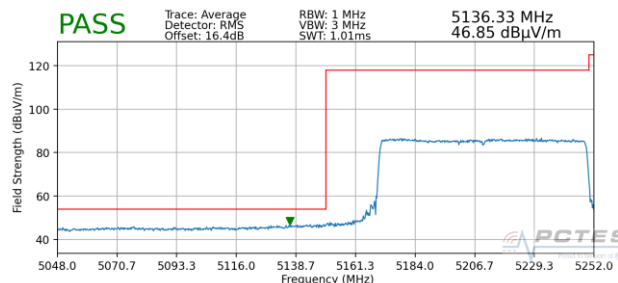
Plot 7-332. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 3 – 996 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 263 of 274

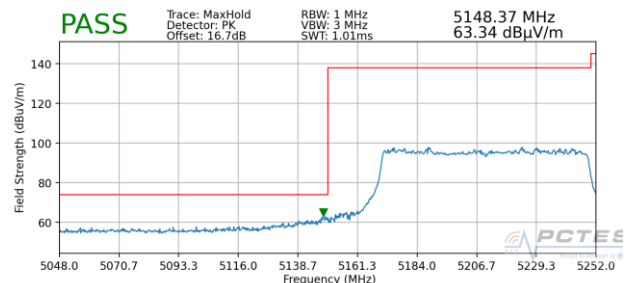
7.6.11 SISO Antenna-2 Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

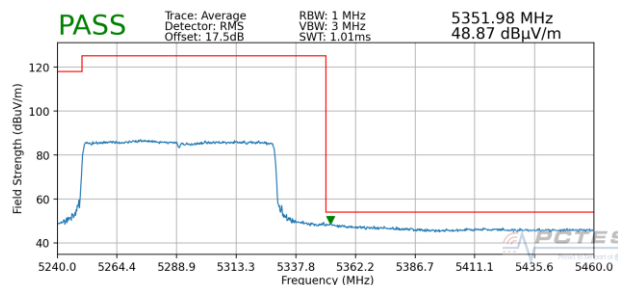


Plot 7-333. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 1 – 996 Tones)

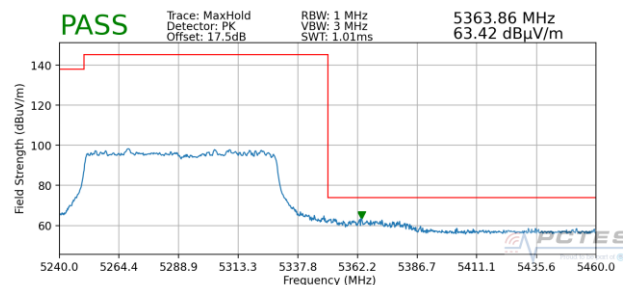


Plot 7-334. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 1 – 996 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



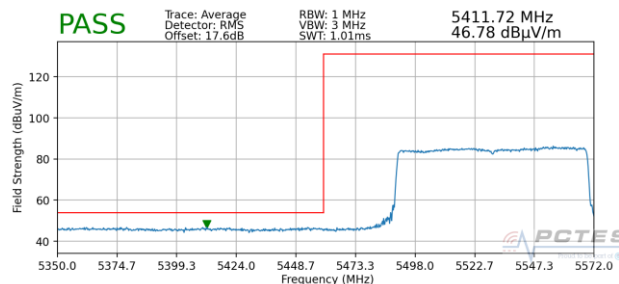
Plot 7-335. Radiated Upper Band Edge Plot SISO ANT2 (Average – UNII Band 2A – 996 Tones)



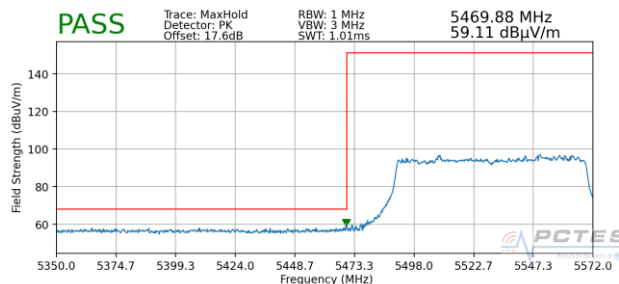
Plot 7-336. Radiated Upper Band Edge Plot SISO ANT2 (Peak – UNII Band 2A – 996 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 264 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5570MHz
Channel: 114



Plot 7-337. Radiated Lower Band Edge Plot SISO ANT2 (Average – UNII Band 2C – 996 Tones)



Plot 7-338. Radiated Lower Band Edge Plot SISO ANT2 (Peak – UNII Band 2C – 996 Tones)

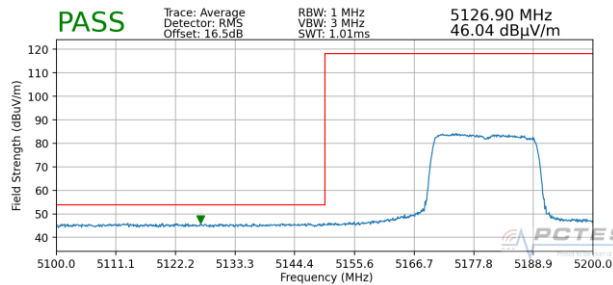
FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 265 of 274

7.6.12 MIMO Radiated Band Edge Measurements (20MHz BW)

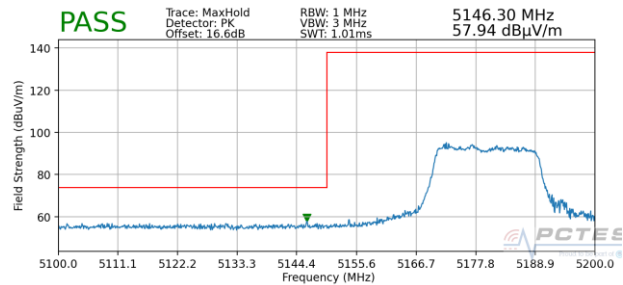
\$15.407(b.1)(b.2) \$15.205 \$15.209; RSS-Gen [8.9]

242 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5180MHz
Channel:	36

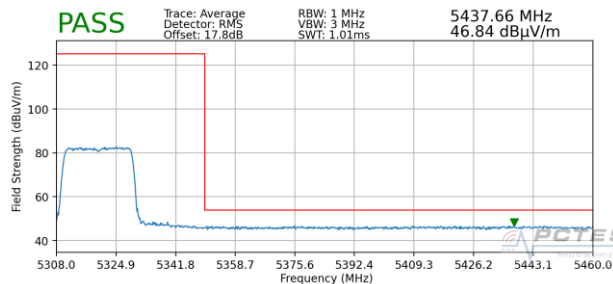


Plot 7-339. Radiated Lower Band Edge Plot MIMO (Average – UNII Band 1 – 242 Tones)

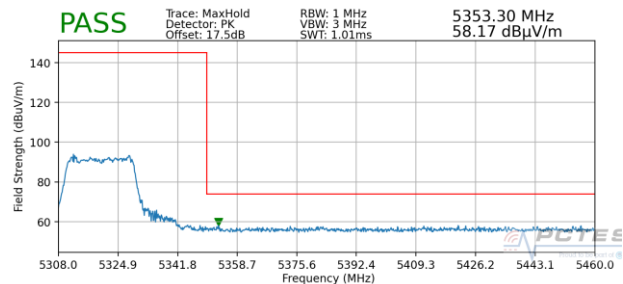


Plot 7-340. Radiated Lower Band Edge Plot MIMO (Peak – UNII Band 1 – 242 Tones)

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	61
Distance of Measurements:	3 Meters
Operating Frequency:	5320MHz
Channel:	64



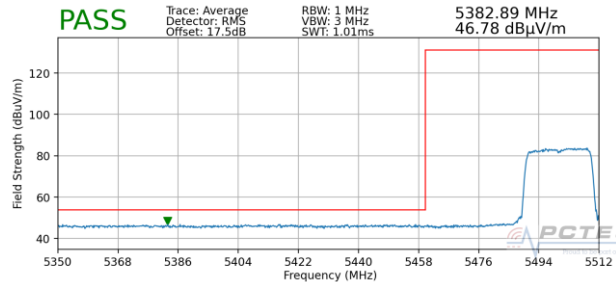
Plot 7-341. Radiated Upper Band Edge Plot MIMO (Average – UNII Band 2A – 242 Tones)



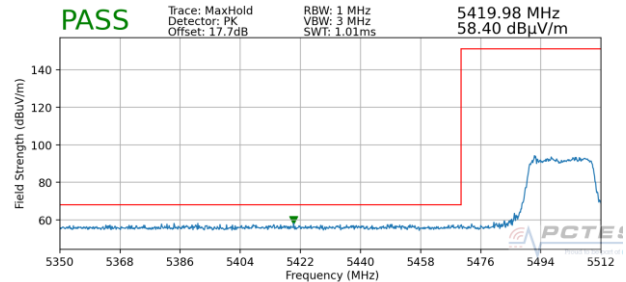
Plot 7-342. Radiated Upper Band Edge Plot MIMO (Peak – UNII Band 2A – 242 Tones)

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 266 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 61
Distance of Measurements: 3 Meters
Operating Frequency: 5500MHz
Channel: 100

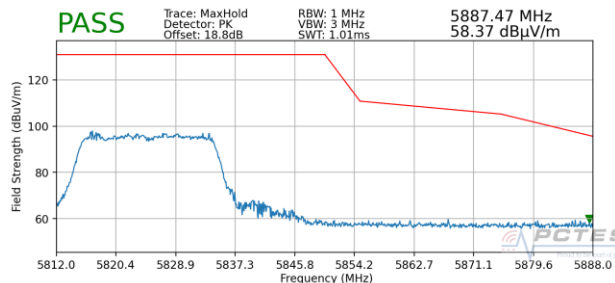


**Plot 7-343. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 242 Tones)**



**Plot 7-344. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 242 Tones)**

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



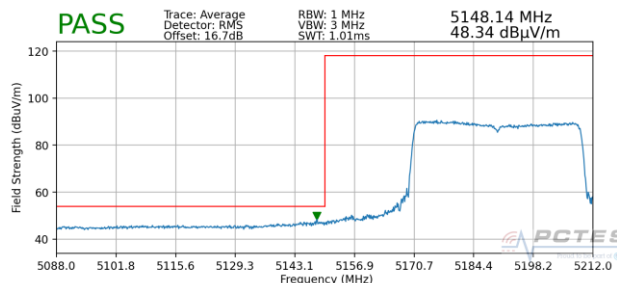
**Plot 7-345. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 3 – 242 Tones)**

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 267 of 274

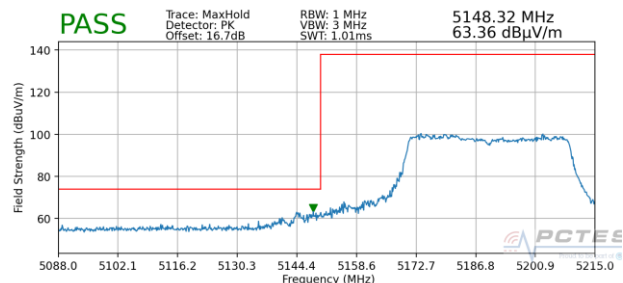
7.6.13 MIMO Radiated Band Edge Measurements (40MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

484 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5190MHz
Channel:	38

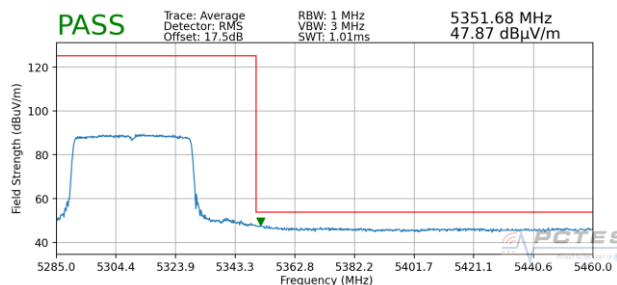


**Plot 7-346. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 1 – 484 Tones)**

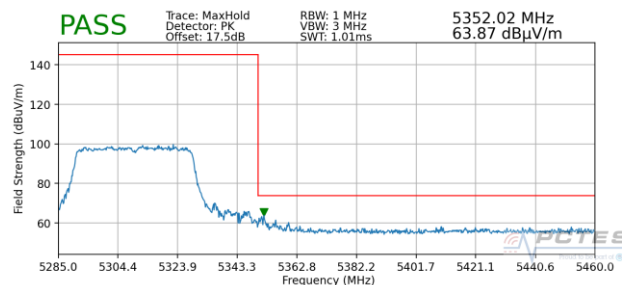


**Plot 7-347. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 1 – 484 Tones)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	65
Distance of Measurements:	3 Meters
Operating Frequency:	5310MHz
Channel:	62



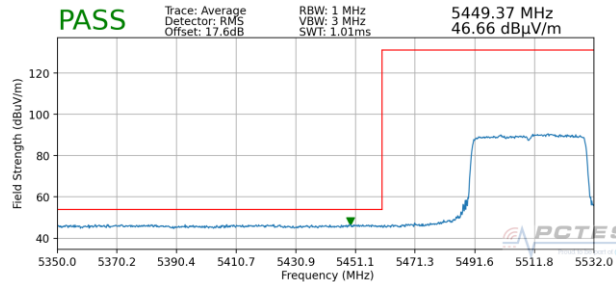
**Plot 7-348. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 2A – 484 Tones)**



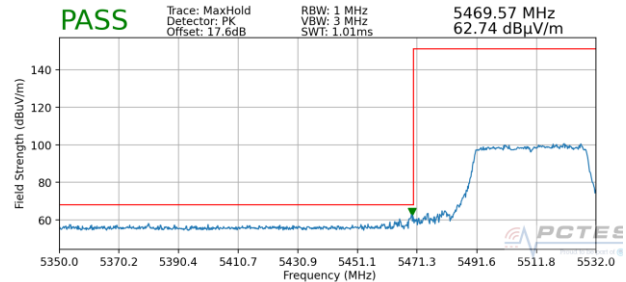
**Plot 7-349. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 2A – 484 Tones)**

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 268 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5510MHz
Channel: 102

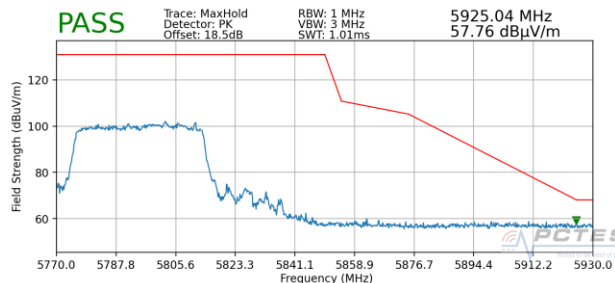


**Plot 7-350. Radiated Lower Band Edge Plot MIMO
(Average - UNII Band 2C - 484 Tones)**



**Plot 7-351. Radiated Lower Band Edge Plot MIMO
(Peak - UNII Band 2C - 484 Tones)**

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5795MHz
Channel: 159



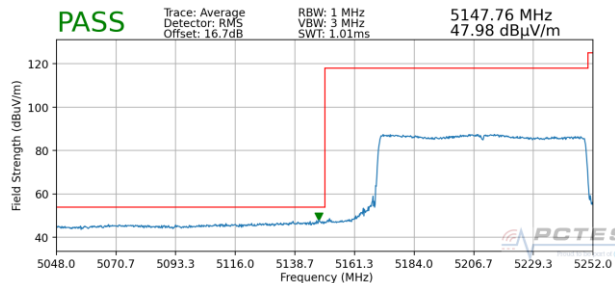
**Plot 7-352. Radiated Upper Band Edge Plot MIMO
(Peak - UNII Band 3 - 484 Tones)**

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 269 of 274

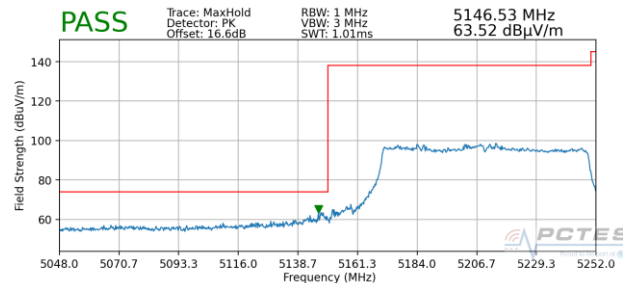
7.6.14 MIMO Radiated Band Edge Measurements (80MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5210MHz
Channel:	42

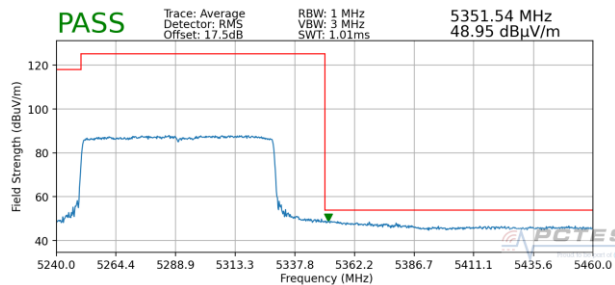


**Plot 7-353. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 1 – 996 Tones)**

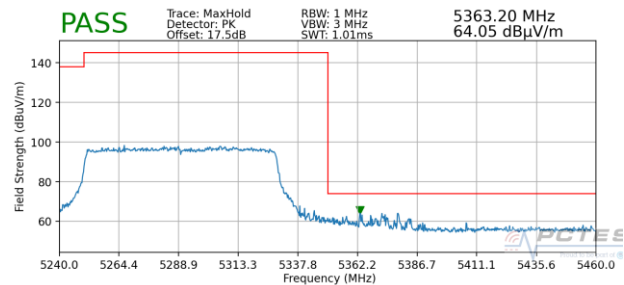


**Plot 7-354. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 1 – 996 Tones)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5290MHz
Channel:	58



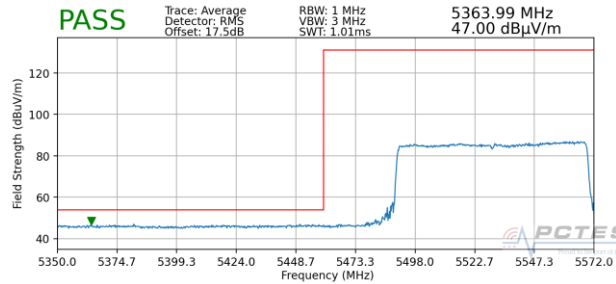
**Plot 7-355. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 2A – 996 Tones)**



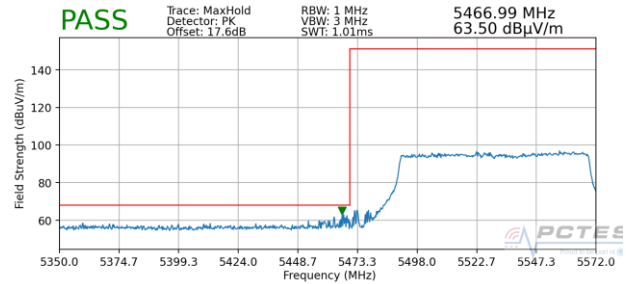
**Plot 7-356. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 2A – 996 Tones)**

FCC ID: PY7-95324M	 PCTEST Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 270 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5530MHz
Channel: 106

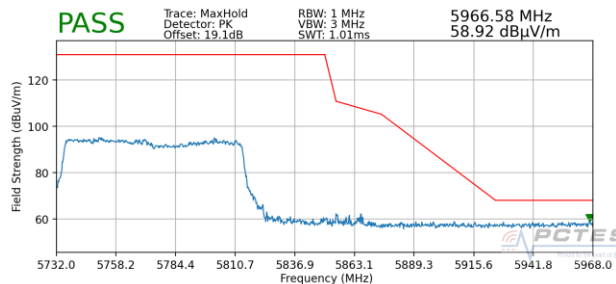


**Plot 7-357. Radiated Lower Band Edge Plot MIMO
(Average - UNII Band 2C - 996 Tones)**



**Plot 7-358. Radiated Lower Band Edge Plot MIMO
(Peak - UNII Band 2C - 996 Tones)**

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 67
Distance of Measurements: 3 Meters
Operating Frequency: 5775MHz
Channel: 155



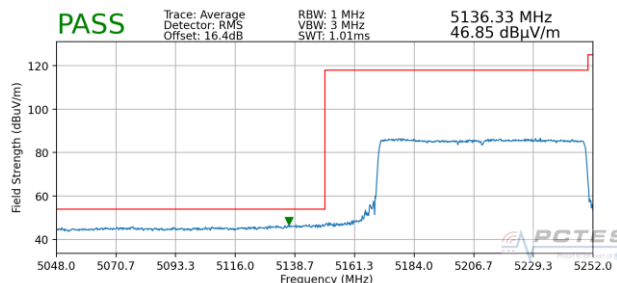
**Plot 7-359. Radiated Upper Band Edge Plot MIMO
(Peak - UNII Band 3 - 996 Tones)**

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
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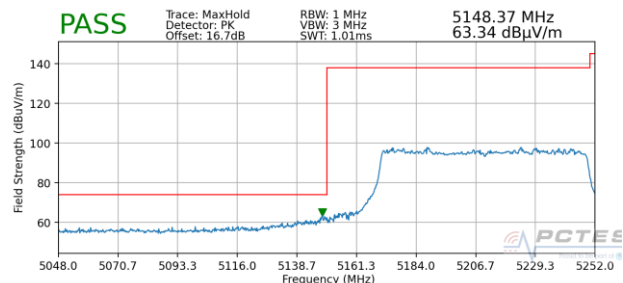
7.6.15 MIMO Radiated Band Edge Measurements (160MHz BW) §15.407(b.1)(b.2) §15.205 §15.209; RSS-Gen [8.9]

996 Tones

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50

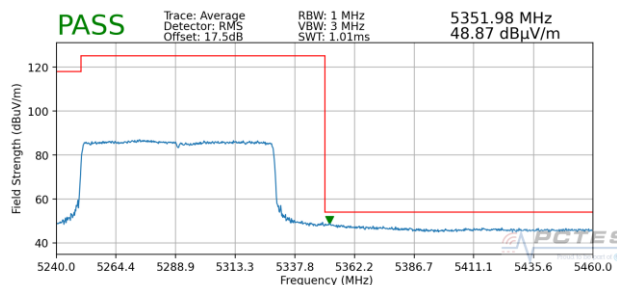


**Plot 7-360. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 1 – 996 Tones)**

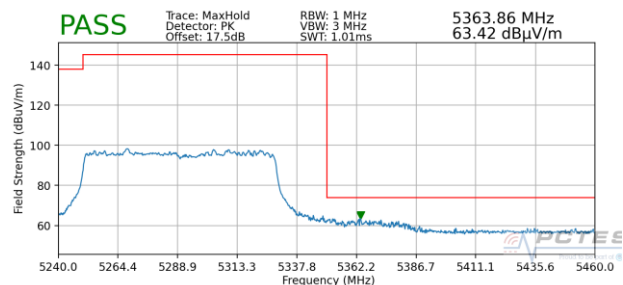


**Plot 7-361. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 1 – 996 Tones)**

Worst Case Mode:	802.11ax
Worst Case Transfer Rate:	MCS0
RU Index:	67
Distance of Measurements:	3 Meters
Operating Frequency:	5250MHz
Channel:	50



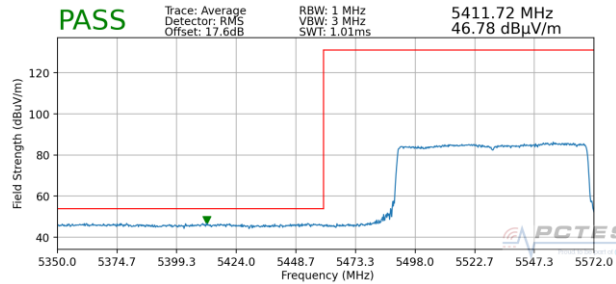
**Plot 7-362. Radiated Upper Band Edge Plot MIMO
(Average – UNII Band 2A – 996 Tones)**



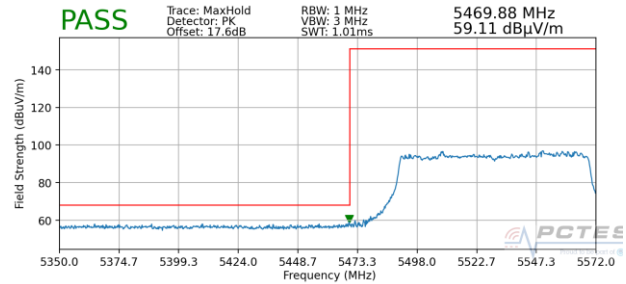
**Plot 7-363. Radiated Upper Band Edge Plot MIMO
(Peak – UNII Band 2A – 996 Tones)**

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 272 of 274

Worst Case Mode: 802.11ax
Worst Case Transfer Rate: MCS0
RU Index: 65
Distance of Measurements: 3 Meters
Operating Frequency: 5570MHz
Channel: 114



**Plot 7-364. Radiated Lower Band Edge Plot MIMO
(Average – UNII Band 2C – 996 Tones)**



**Plot 7-365. Radiated Lower Band Edge Plot MIMO
(Peak – UNII Band 2C – 996 Tones)**

FCC ID: PY7-95324M	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 273 of 274

8.0 CONCLUSION

The data collected relate only the item(s) tested and show that the **SONY Portable Handset FCC ID: PY7-95324M** is in compliance with Part 15 Subpart E (15.407) of the FCC Rules.

FCC ID: PY7-95324M		MEASUREMENT REPORT (CERTIFICATION)	SONY	Approved by: Technical Manager
Test Report S/N: 1M2108040087-09.PY7	Test Dates: 8/2/2021 - 9/10/2021	EUT Type: Portable Handset		Page 274 of 274