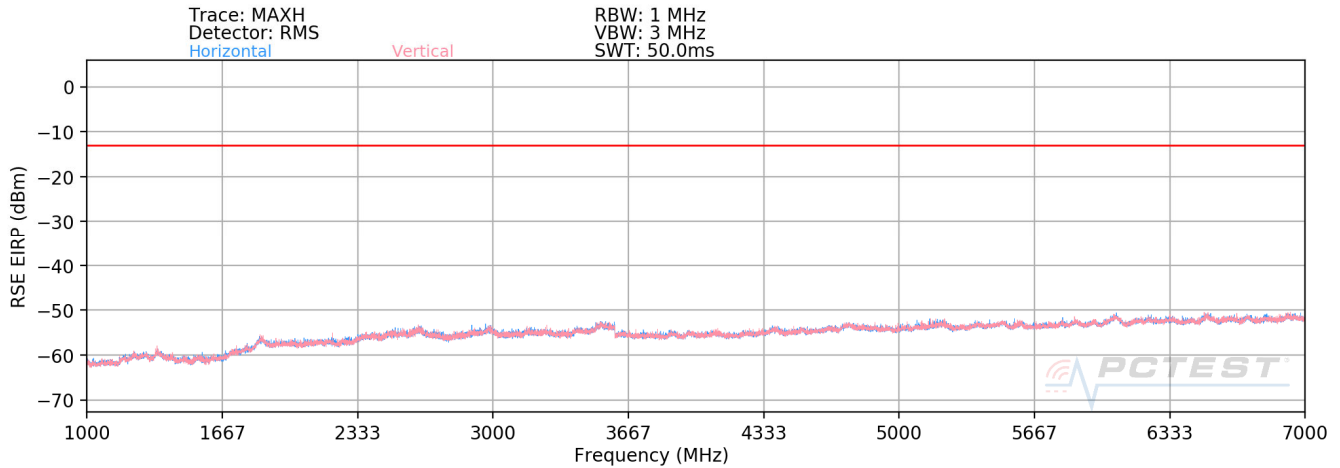
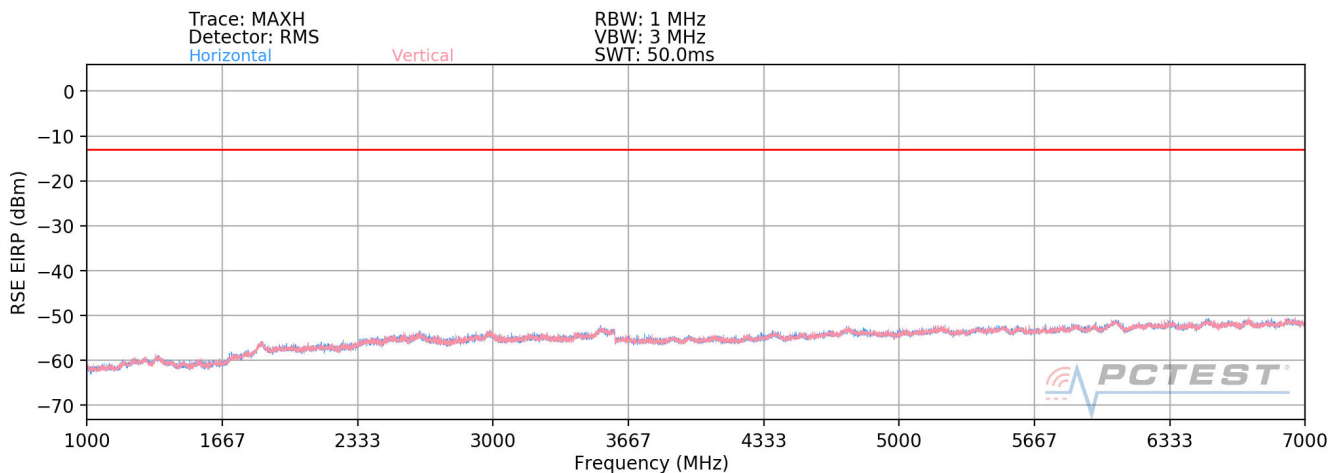


LTE Band 71 – South



Plot 7-251. Radiated Spurious Plot (LTE Band 71 – South - Closed)



Plot 7-252. Radiated Spurious Plot (LTE Band 71 – South - Open)

Bandwidth (MHz):	20
Frequency (MHz):	673.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.0	V	308	126	-76.62	-1.14	29.24	-66.01	-13.00	-53.01
2019.0	V	151	357	-75.59	0.78	32.19	-63.07	-13.00	-50.07
2692.0	V	-	-	-77.65	2.22	31.57	-63.69	-13.00	-50.69
3365.0	V	-	-	-77.70	2.32	31.62	-63.63	-13.00	-50.63
4038.0	V	-	-	-78.78	3.54	31.76	-63.49	-13.00	-50.49

Table 7-20. Radiated Spurious Data (LTE Band 71 – Low Channel – South - Closed)



FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 162 of 215

Bandwidth (MHz):	20								
Frequency (MHz):	680.5								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.0	V	145	143	-74.60	-1.52	30.88	-64.38	-13.00	-51.38
2041.5	V	-	-	-77.32	0.71	30.39	-64.87	-13.00	-51.87
2722.0	V	-	-	-77.28	2.02	31.74	-63.52	-13.00	-50.52
3402.5	V	-	-	-77.41	2.46	32.05	-63.20	-13.00	-50.20

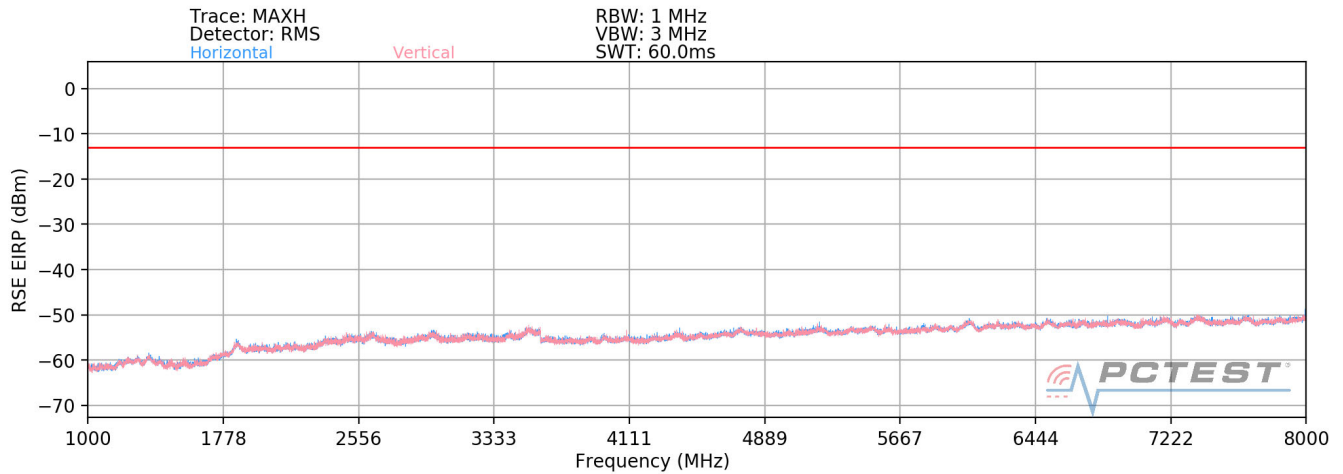
Table 7-21. Radiated Spurious Data (LTE Band 71 – Mid Channel – South - Closed)

Bandwidth (MHz):	20								
Frequency (MHz):	688.0								
RB / Offset:	1 / 50								
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	V	-	-	-76.72	-1.74	28.54	-66.71	-13.00	-53.71
2064.0	V	-	-	-77.17	0.46	30.29	-64.96	-13.00	-51.96
2752.0	V	-	-	-76.94	1.61	31.67	-63.59	-13.00	-50.59

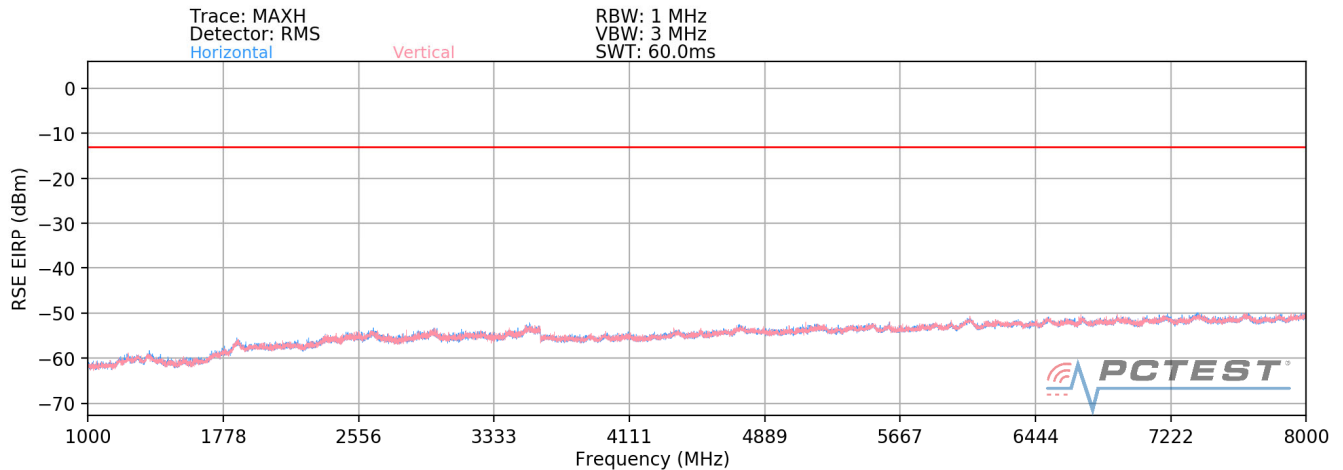
Table 7-22. Radiated Spurious Data (LTE Band 71 – High Channel – South - Closed)

FCC ID: C3K1995 IC: 3048A-1995			PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset			Page 163 of 215

LTE Band 12 – North



Plot 7-253. Radiated Spurious Plot (LTE Band 12 – North - Closed)



Plot 7-254. Radiated Spurious Plot (LTE Band 12 – North - Open)

Bandwidth (MHz):	10
Frequency (MHz):	704.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.0	H	132	166	-74.98	-2.25	29.77	-65.48	-13.00	-52.48
2112.0	H	-	-	-77.61	0.93	30.32	-64.94	-13.00	-51.94
2816.0	H	-	-	-77.59	1.97	31.38	-63.88	-13.00	-50.88

Table 7-23. Radiated Spurious Data (LTE Band 12 – Low Channel – North - Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 164 of 215

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	H	174	10	-73.31	-2.27	31.42	-63.84	-13.00	-50.84
2122.5	H	-	-	-77.46	0.95	30.49	-64.77	-13.00	-51.77
2830.0	H	-	-	-77.72	1.98	31.26	-64.00	-13.00	-51.00

Table 7-24. Radiated Spurious Data (LTE Band 12 – Mid Channel – North - Closed)

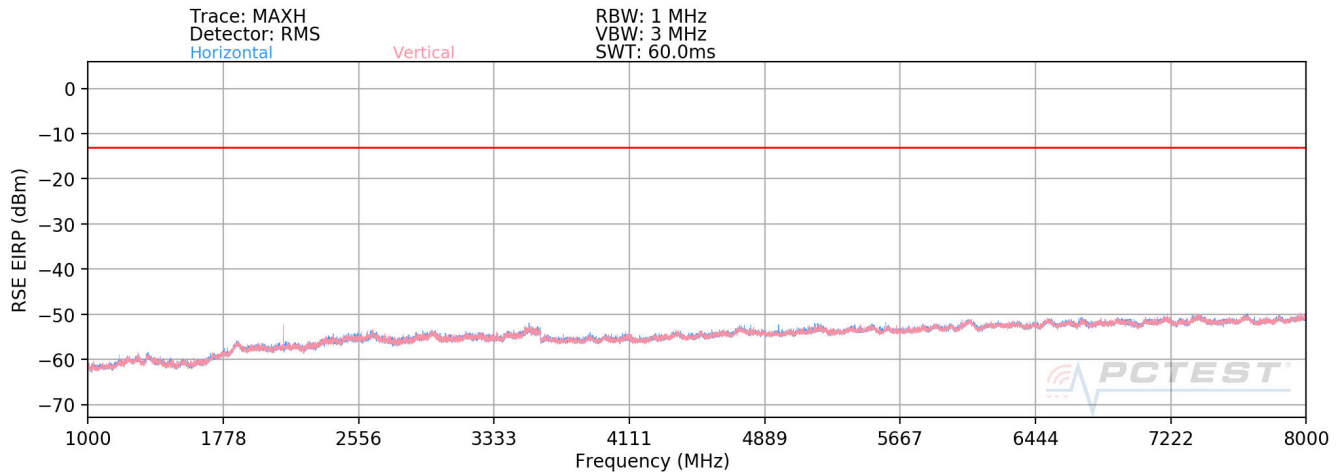
Bandwidth (MHz):	10
Frequency (MHz):	711.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.0	H	127	358	-73.12	-2.40	31.48	-63.78	-13.00	-50.78
2133.0	H	219	159	-76.17	1.01	31.84	-63.42	-13.00	-50.42
2844.0	H	-	-	-77.74	2.04	31.30	-63.95	-13.00	-50.95
3555.0	H	-	-	-78.17	3.30	32.13	-63.12	-13.00	-50.12

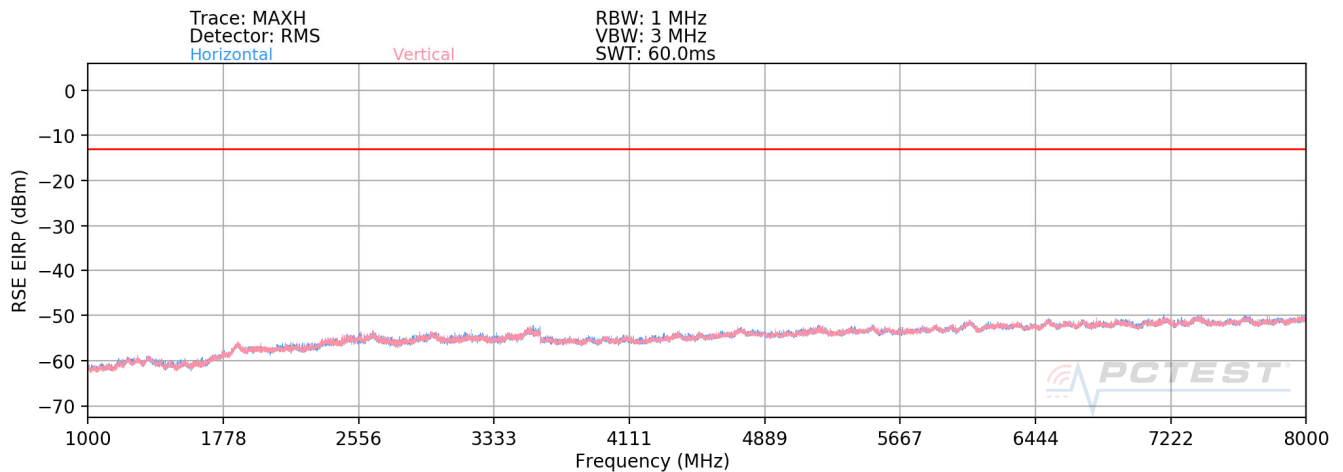
Table 7-25. Radiated Spurious Data (LTE Band 12 – High Channel – North - Closed)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST® Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	 Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 165 of 215

LTE Band 12 – South



Plot 7-255. Radiated Spurious Plot (LTE Band 12 – South - Closed)



Plot 7-256. Radiated Spurious Plot (LTE Band 12 – South - Open)

Bandwidth (MHz):	10
Frequency (MHz):	704.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.0	V	364	91	-72.32	-2.25	32.43	-62.82	-13.00	-49.82
2112.0	V	123	223	-65.77	0.93	42.16	-53.10	-13.00	-40.10
2816.0	V	-	-	-76.57	1.97	32.40	-62.86	-13.00	-49.86
3520.0	V	-	-	-76.95	3.43	33.48	-61.78	-13.00	-48.78
4224.0	V	-	-	-77.12	3.23	33.11	-62.15	-13.00	-49.15

Table 7-26. Radiated Spurious Data (LTE Band 12 – Low Channel – South - Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 166 of 215

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.0	V	182	84	-70.95	-2.27	33.78	-61.48	-13.00	-48.48
2122.5	V	174	227	-66.61	0.95	41.34	-53.92	-13.00	-40.92
2830.0	V	-	-	-76.60	1.98	32.38	-62.88	-13.00	-49.88
3537.5	V	-	-	-77.09	3.70	33.61	-61.65	-13.00	-48.65
4245.0	V	-	-	-77.39	3.70	33.31	-61.94	-13.00	-48.94

Table 7-27. Radiated Spurious Data (LTE Band 12 – Mid Channel – South - Closed)

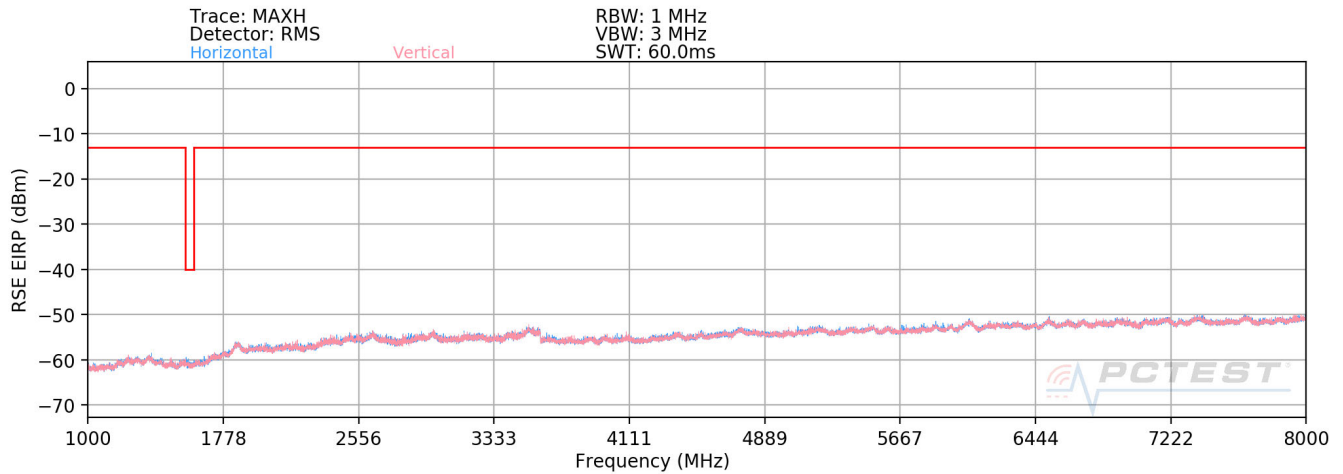
Bandwidth (MHz):	10
Frequency (MHz):	711.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.0	V	328	80	-70.96	-2.40	33.64	-61.62	-13.00	-48.62
2133.0	V	213	147	-66.23	1.01	41.78	-53.48	-13.00	-40.48
2844.0	V	-	-	-76.74	2.04	32.30	-62.95	-13.00	-49.95
3555.0	V	-	-	-77.09	3.30	33.21	-62.04	-13.00	-49.04
4266.0	V	-	-	-77.72	3.81	33.09	-62.17	-13.00	-49.17

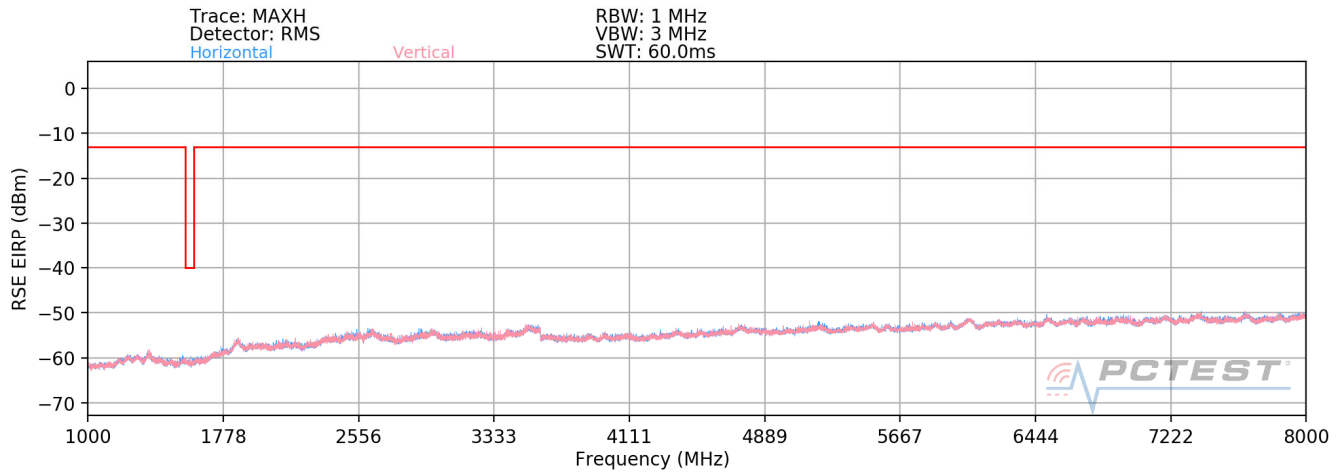
Table 7-28. Radiated Spurious Data (LTE Band 12 – High Channel – South - Closed)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 167 of 215

LTE Band 13 – North



Plot 7-257. Radiated Spurious Plot (LTE Band 13 – North – Half-Open)



Plot 7-258. Radiated Spurious Plot (LTE Band 13 – North – Open)

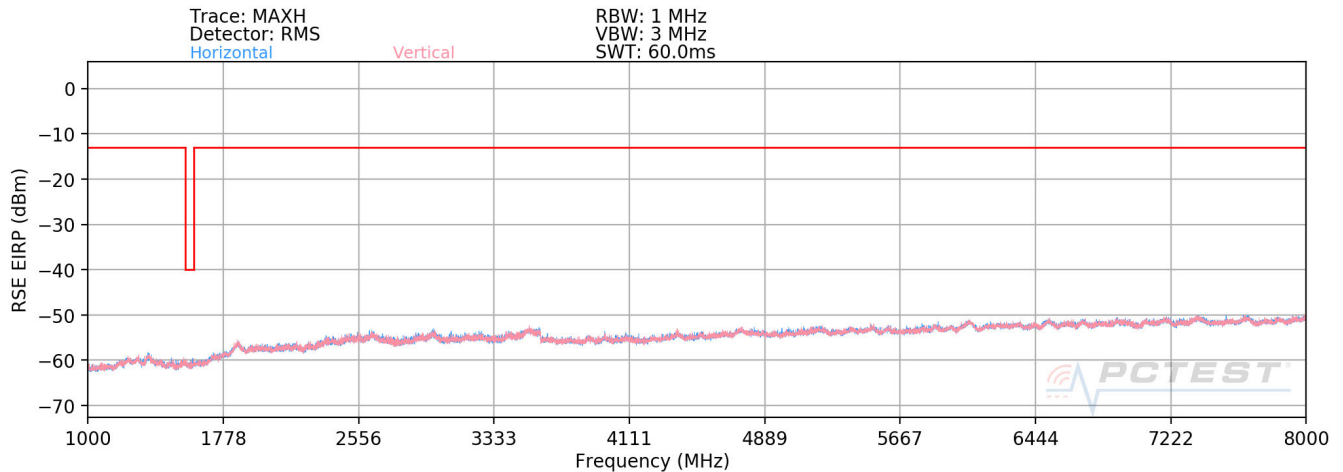
Bandwidth (MHz):	10
Frequency (MHz):	782.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1564.0	H	140	66	-76.80	-2.52	27.68	-67.58	-40.00	-27.58
2346.0	H	-	-	-77.41	1.72	31.31	-63.95	-13.00	-50.95
3128.0	H	-	-	-77.92	2.42	31.50	-63.75	-13.00	-50.75

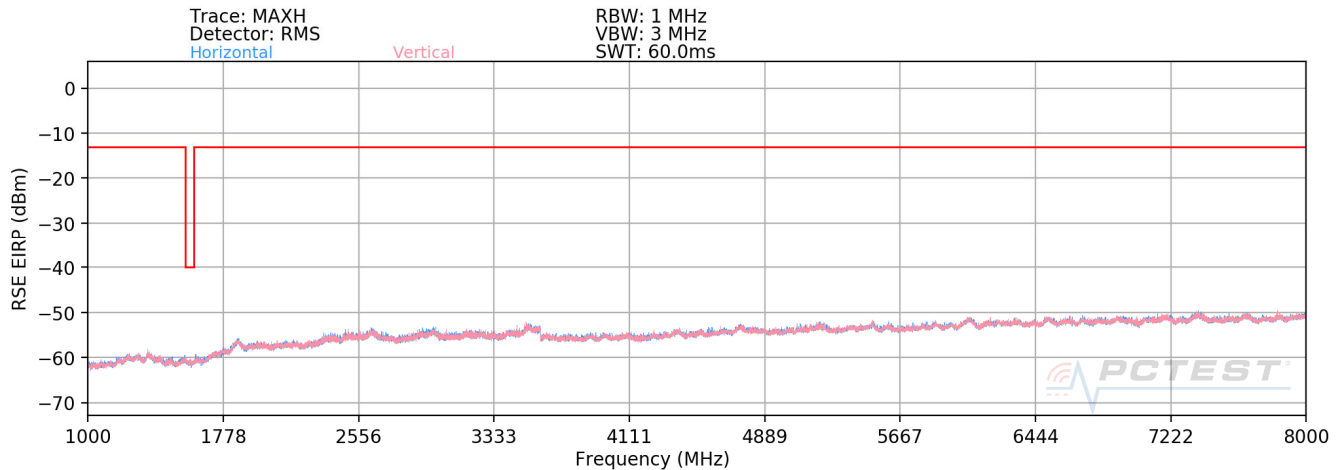
Table 7-29. Radiated Spurious Data (LTE Band 13 – North – Half-Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 168 of 215	

LTE Band 13 – South



Plot 7-259. Radiated Spurious Plot (LTE Band 13 – South - Closed)



Plot 7-260. Radiated Spurious Plot (LTE Band 13 – South - Open)

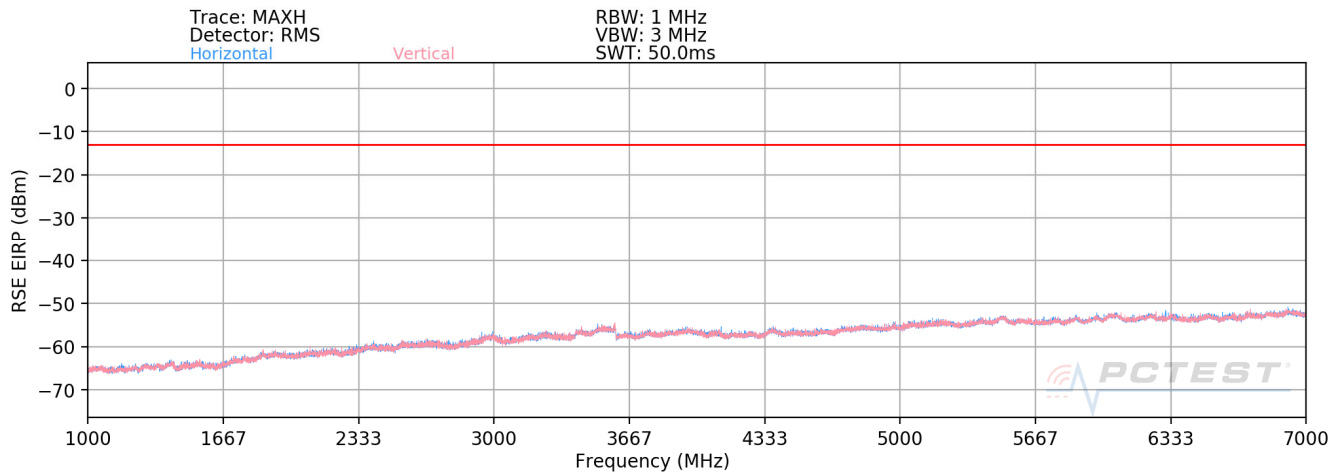
Bandwidth (MHz):	10
Frequency (MHz):	782.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1564.0	H	124	164	-71.41	-2.52	33.07	-62.19	-40.00	-22.19
2346.0	H	250	319	-74.99	1.72	33.73	-61.53	-13.00	-48.53
3128.0	H	-	-	-76.88	2.42	32.54	-62.71	-13.00	-49.71
3910.0	H	-	-	-78.18	3.48	32.30	-62.96	-13.00	-49.96
4692.0	H	-	-	-77.73	4.65	33.92	-61.34	-13.00	-48.34

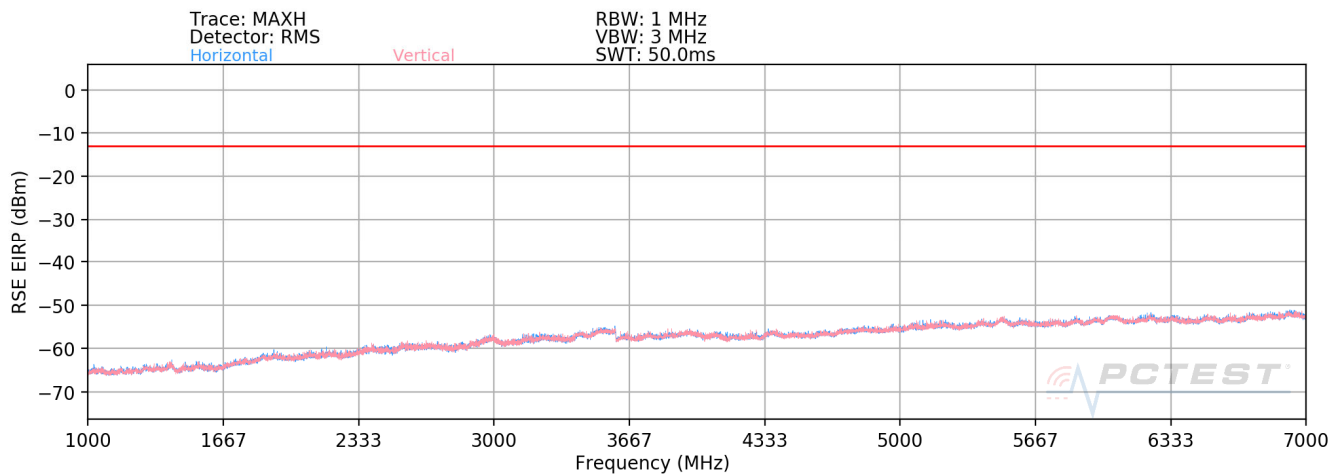
Table 7-30. Radiated Spurious Data (LTE Band 13 – South - Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 169 of 215

NR Band n71 – North



Plot 7-261. Radiated Spurious Plot (NR Band n71 – North – Open)



Plot 7-262. Radiated Spurious Plot (NR Band n71 – North – Closed)

Bandwidth (MHz):	20
Frequency (MHz):	673.0
RB / Offset:	1 / 53
Mode:	SA

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.0	H	-	-	-77.56	-5.76	23.68	-71.58	-13.00	-58.58
2019.0	H	-	-	-77.50	-3.57	25.93	-69.32	-13.00	-56.32
2692.0	H	-	-	-78.21	-1.16	27.63	-67.63	-13.00	-54.63

Table 7-31. Radiated Spurious Data (NR Band n71 – Low Channel – North - Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 170 of 215	

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 53
Mode:	SA



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.0	H	-	-	-76.99	-6.04	23.97	-71.28	-13.00	-58.28
2041.5	H	-	-	-77.41	-3.27	26.32	-68.93	-13.00	-55.93
2722.0	H	-	-	-78.16	-1.38	27.46	-67.80	-13.00	-54.80
3402.5	H	-	-	-78.64	0.58	28.94	-66.31	-13.00	-53.31
4083.0	H	-	-	-78.53	2.52	30.99	-64.27	-13.00	-51.27

Table 7-32. Radiated Spurious Data (NR Band n71 – Mid Channel – North - Open)

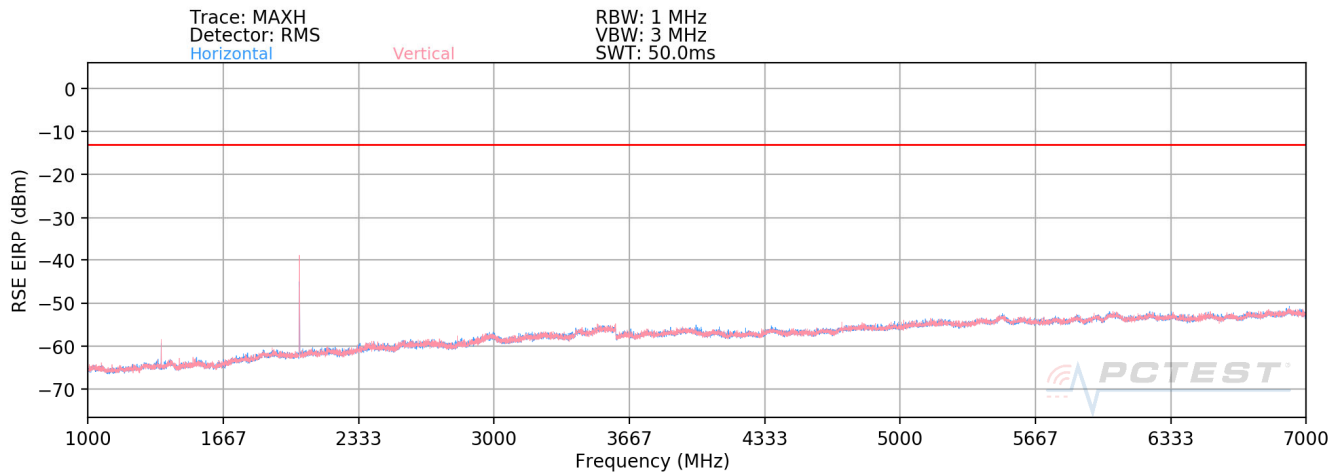
Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 53
Mode:	SA

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	H	-	-	-77.66	-5.76	23.58	-71.67	-13.00	-58.67
2064.0	H	-	-	-77.87	-3.36	25.77	-69.49	-13.00	-56.49
2752.0	H	-	-	-77.67	-1.70	27.63	-67.63	-13.00	-54.63

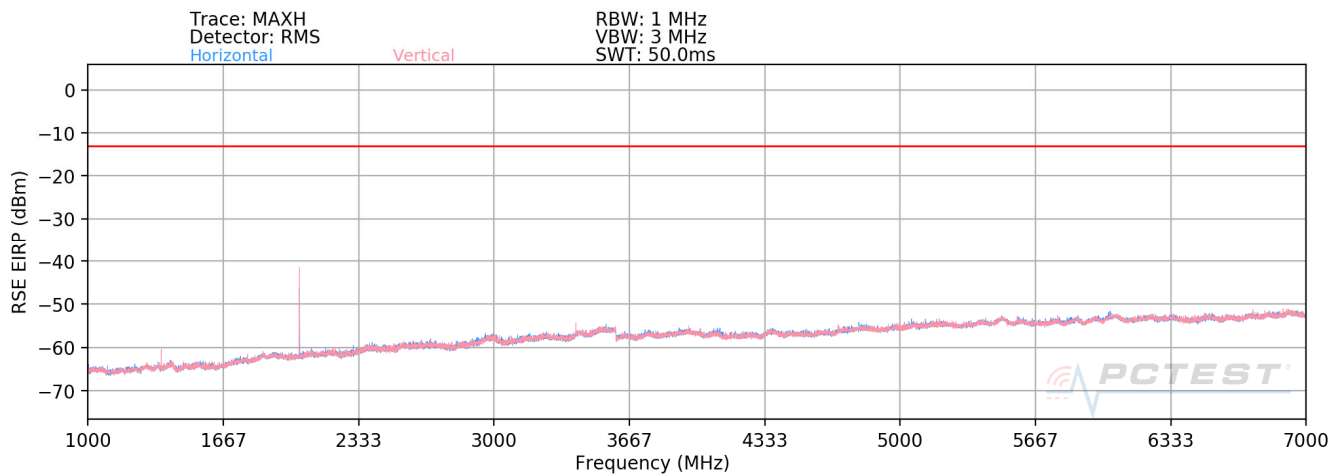
Table 7-33. Radiated Spurious Data (NR Band n71 – High Channel – North - Open)

FCC ID: C3K1995 IC: 3048A-1995	 PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 171 of 215

NR Band n71 – South



Plot 7-263. Radiated Spurious Plot (NR Band n71 – South – Half-Open)



Plot 7-264. Radiated Spurious Plot (NR Band n71 – South – Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 172 of 215

Bandwidth (MHz):	20
Frequency (MHz):	673.0
RB / Offset:	1 / 53
Mode:	SA

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.0	V	147	36	-60.86	-5.76	40.38	-54.88	-13.00	-41.88
2019.0	V	113	5	-39.11	-3.57	64.32	-30.93	-13.00	-17.93
2692.0	V	129	136	-77.90	-1.16	27.94	-67.32	-13.00	-54.32
3365.0	V	377	185	-73.32	0.28	33.96	-61.30	-13.00	-48.30
4038.0	V	-	-	-79.12	2.16	30.04	-65.22	-13.00	-52.22
4711.0	V	-	-	-78.24	3.25	32.01	-63.25	-13.00	-50.25
5384.0	V	-	-	-79.12	5.41	33.29	-61.97	-13.00	-48.97

Table 7-34. Radiated Spurious Data (NR Band n71 – Low Channel – South – Half-Open)

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 53
Mode:	SA



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.0	V	278	6	-55.31	-6.04	45.65	-49.60	-13.00	-36.60
2041.5	V	155	3	-46.59	-3.27	57.14	-38.11	-13.00	-25.11
2722.0	V	293	142	-77.69	-1.38	27.93	-67.33	-13.00	-54.33
3402.5	V	227	165	-74.95	0.58	32.63	-62.62	-13.00	-49.62
4083.0	V	-	-	-78.79	2.52	30.73	-64.53	-13.00	-51.53
4763.5	V	-	-	-79.28	3.65	31.37	-63.89	-13.00	-50.89
5444.0	V	-	-	-79.42	5.29	32.87	-62.38	-13.00	-49.38

Table 7-35. Radiated Spurious Data (NR Band n71 – Mid Channel – South – Half-Open)

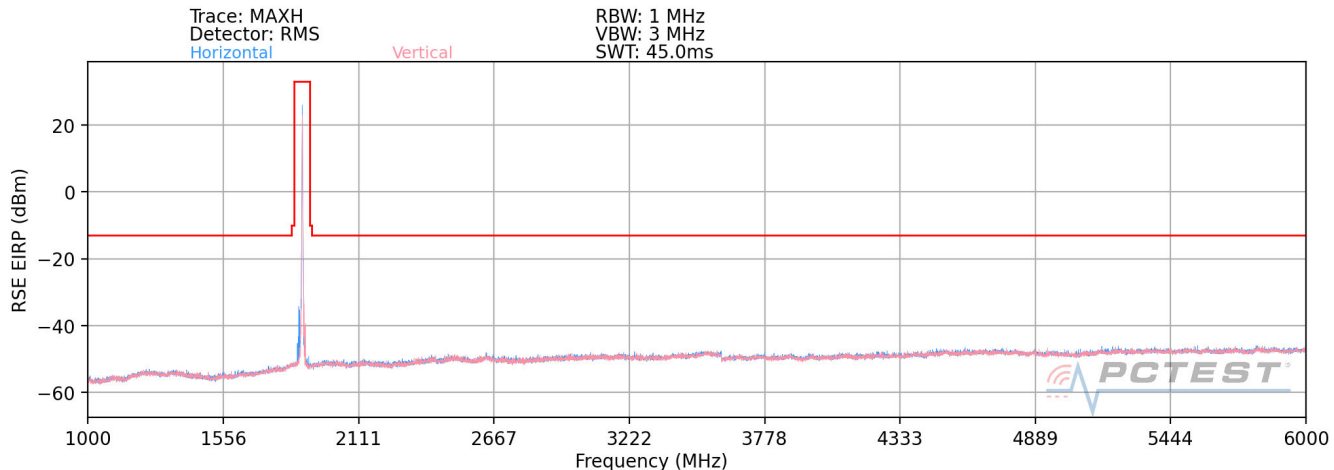
Bandwidth (MHz):	20
Frequency (MHz):	688.0
RB / Offset:	1 / 53
Mode:	SA

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.0	V	174	5	-56.35	-5.76	44.89	-50.36	-13.00	-37.36
2064.0	V	137	10	-46.23	-3.36	57.41	-37.85	-13.00	-24.85
2752.0	V	207	245	-77.85	-1.70	27.45	-67.81	-13.00	-54.81
3440.0	V	134	8	-76.16	0.48	31.32	-63.93	-13.00	-50.93
4128.0	V	-	-	-78.64	1.86	30.22	-65.03	-13.00	-52.03
4816.0	V	-	-	-79.18	3.78	31.60	-63.66	-13.00	-50.66
5504.0	V	-	-	-79.37	6.24	33.87	-61.39	-13.00	-48.39

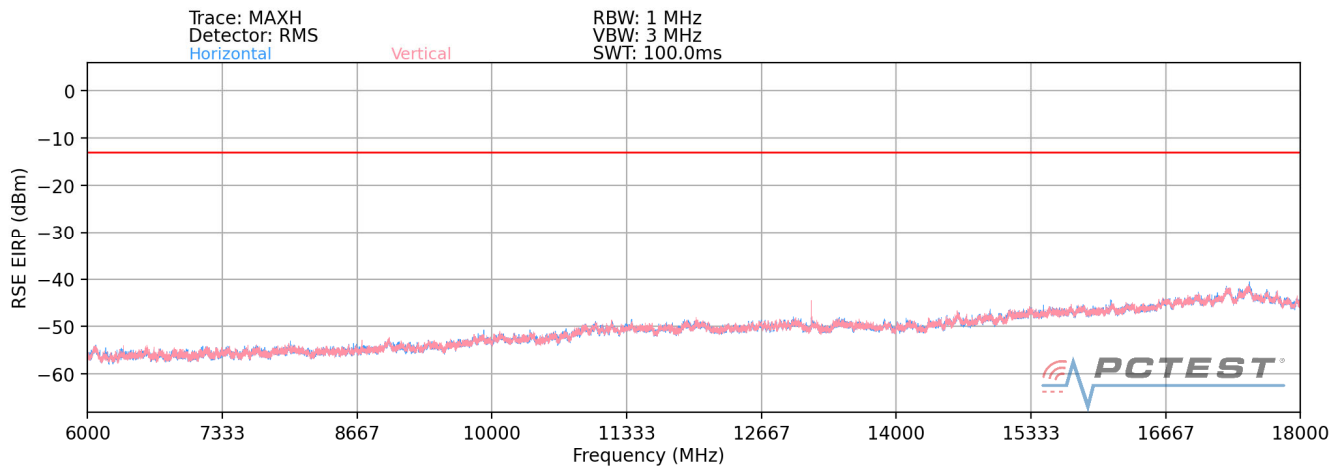
Table 7-36. Radiated Spurious Data (NR Band n71 – High Channel – South – Half-Open)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	 Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 173 of 215	

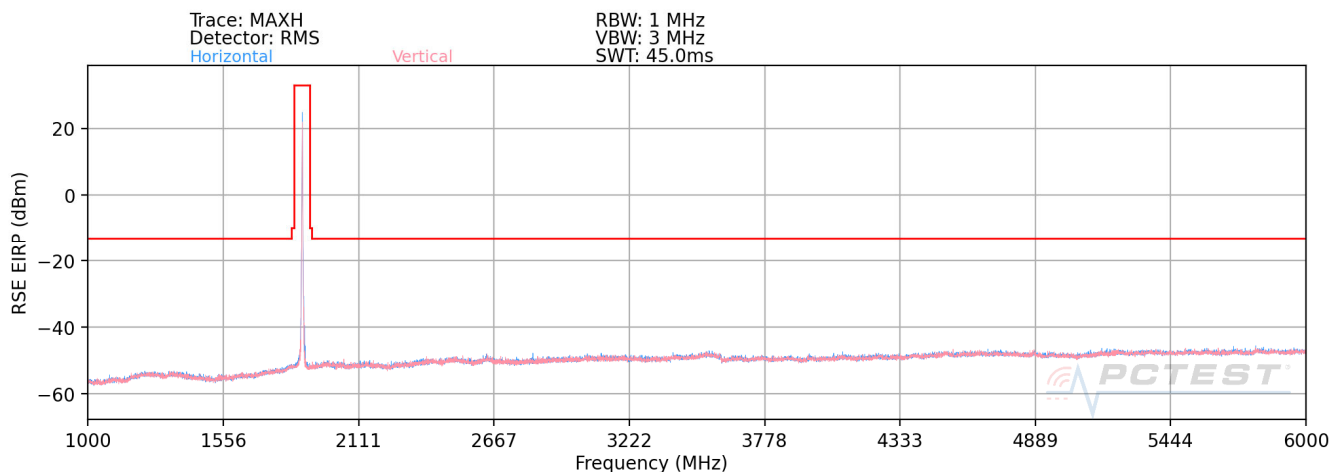
NR Band 71 (North) – Band 2 (South)



Plot 7-265. Radiated Spurious Plot (NR Band n71 (North) – Band 2 (South)– Open)

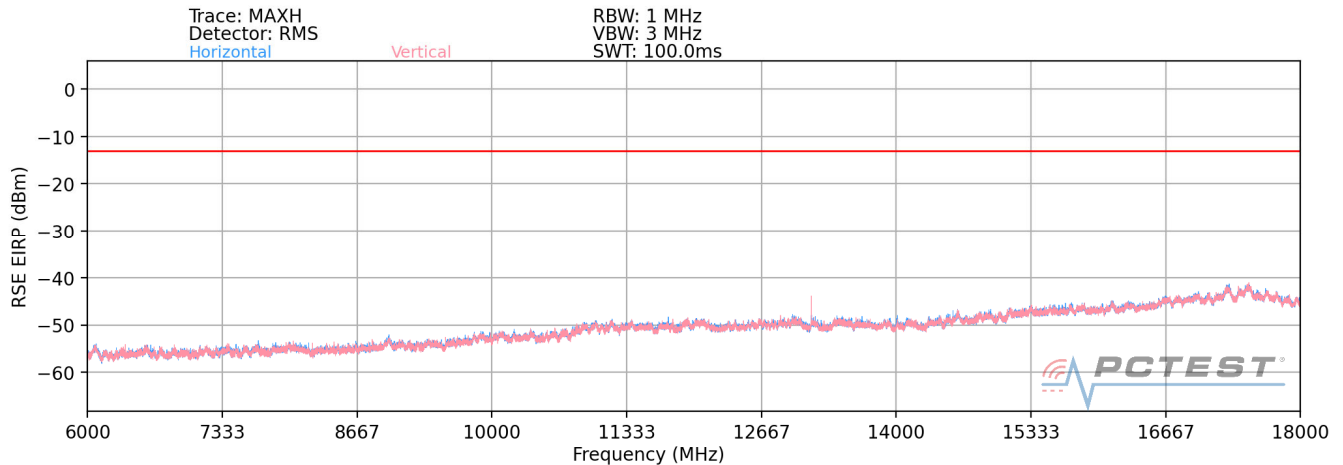


Plot 7 260. Radiated Spurious Plot (NR Band n71 (North) – Band 2 (South)– Open)



Plot 7 260. Radiated Spurious Plot (NR Band n71 (North) – Band 2 (South)– Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 174 of 215



Plot 7 260. Radiated Spurious Plot (NR Band n71 (North) – Band 2 (South)– Closed)

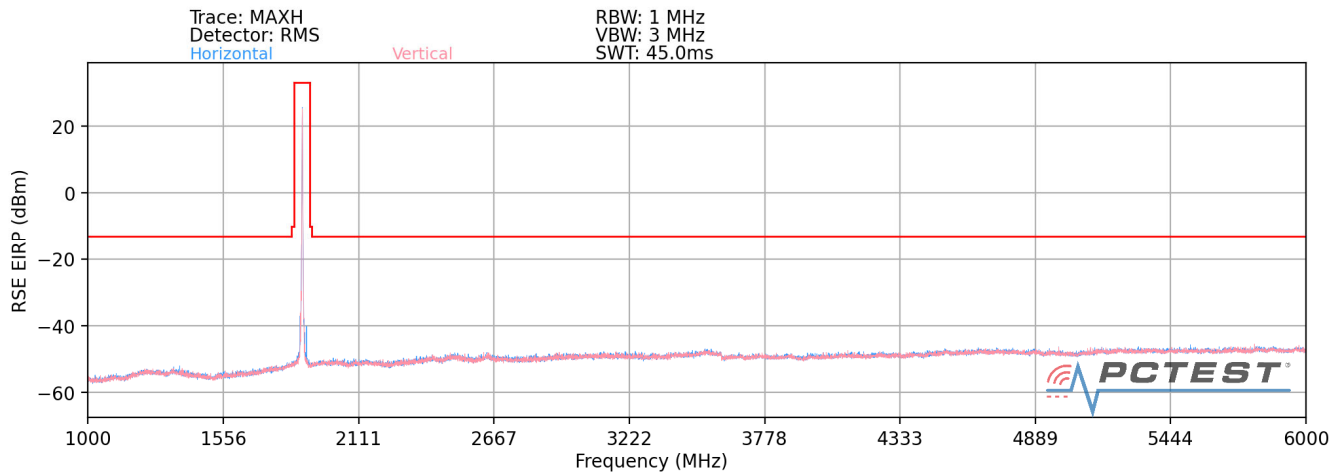
Bandwidth (MHz):	20 / 20
Frequency (MHz):	680.5 / 1880
RB / Offset:	1 / 53 & 1 / 50
Mode:	EN-DC
Anchor Band:	LTE B2

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1718.5	V	-	-	-76.66	7.36	37.70	-57.55	-13.00	-44.55
3079.5	V	-	-	-76.58	11.97	42.39	-52.87	-13.00	-39.87
4279.0	V	-	-	-77.55	13.03	42.48	-52.77	-13.00	-39.77
2918.0	V	-	-	-77.42	11.62	41.20	-54.05	-13.00	-41.05
13161.0	V	113	30	-75.67	14.69	46.02	-49.24	-13.00	-36.24

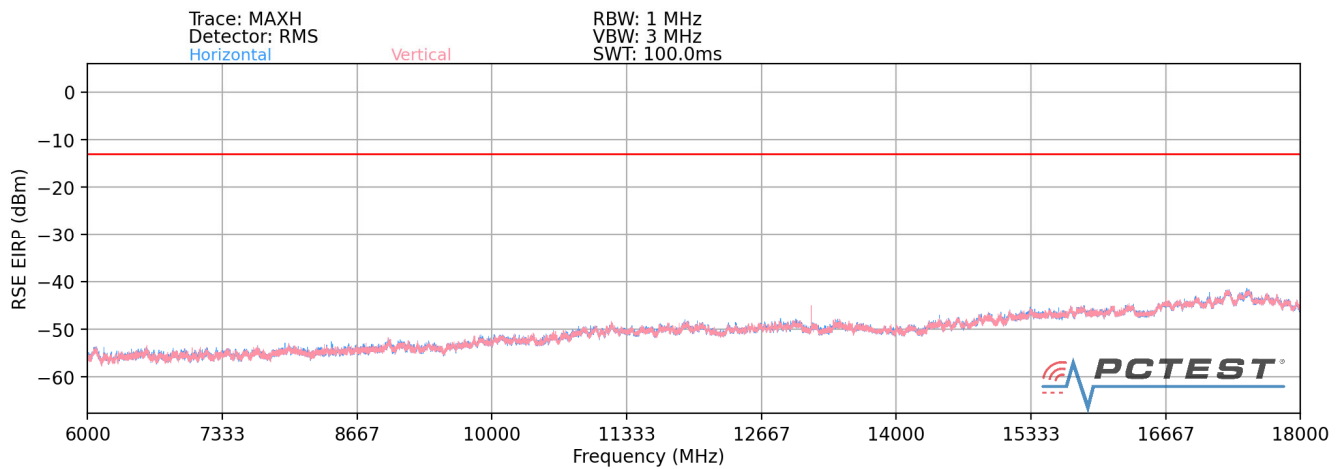
Table 7-37. Radiated Spurious Data (NR Band n71 (North) – Band 2 (South)– Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 175 of 215

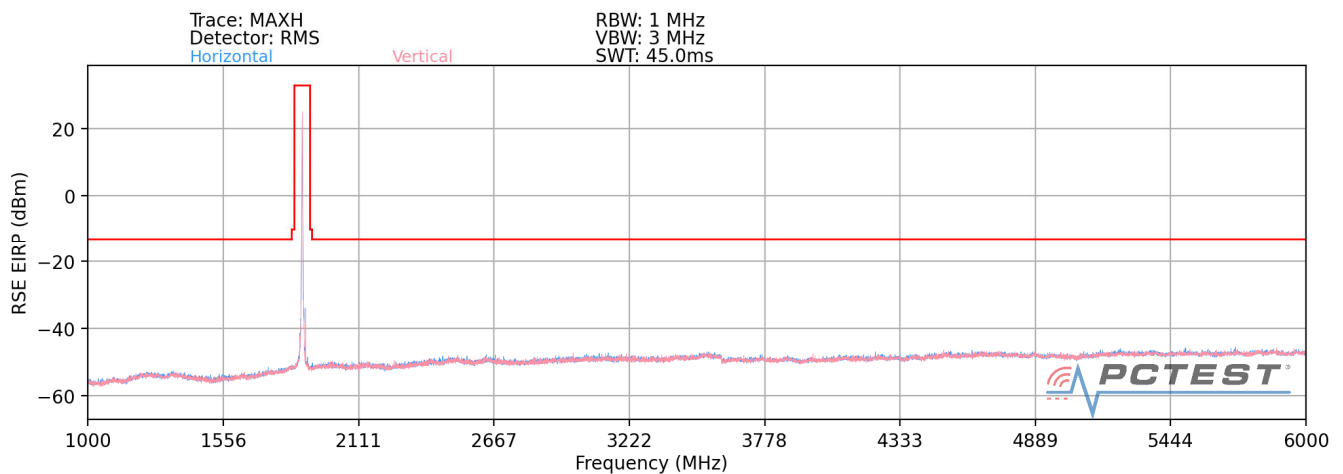
NR Band 71 (South) – Band 2 (North)



Plot 7-266. Radiated Spurious Plot (NR Band n71 (South) – Band 2 (North)– Open)

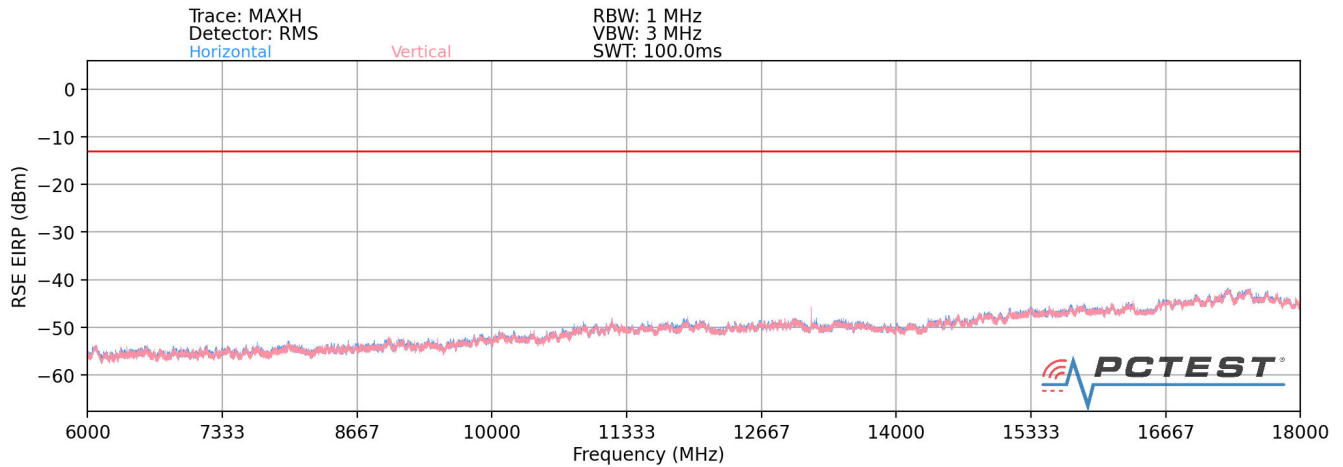


Plot 7 260. Radiated Spurious Plot (NR Band n71 (South) – Band 2 (North)– Open)



Plot 7 260. Radiated Spurious Plot (NR Band n71 (South) – Band 2 (North)– Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 176 of 215



Plot 7 260. Radiated Spurious Plot (NR Band n71 (South) – Band 2 (North)– Closed)

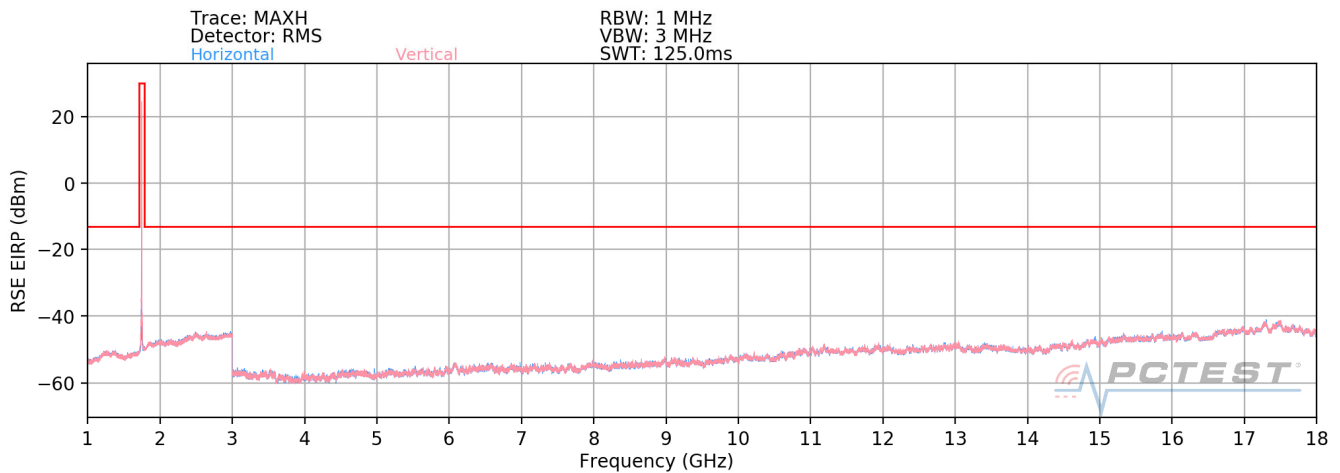
Bandwidth (MHz):	20 / 20
Frequency (MHz):	680.5 / 1880
RB / Offset:	1 / 53 & 1 / 50
Mode:	EN-DC
Anchor Band:	LTE B2

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1718.5	V	-	-	-76.60	7.36	37.76	-57.49	-13.00	-44.49
3079.5	V	-	-	-77.16	11.97	41.81	-53.45	-13.00	-40.45
4279.0	V	-	-	-77.59	13.03	42.44	-52.81	-13.00	-39.81
2918.0	V	-	-	-77.29	11.62	41.33	-53.92	-13.00	-40.92
13161.0	V	136	345	-73.35	14.69	48.34	-46.92	-13.00	-33.92

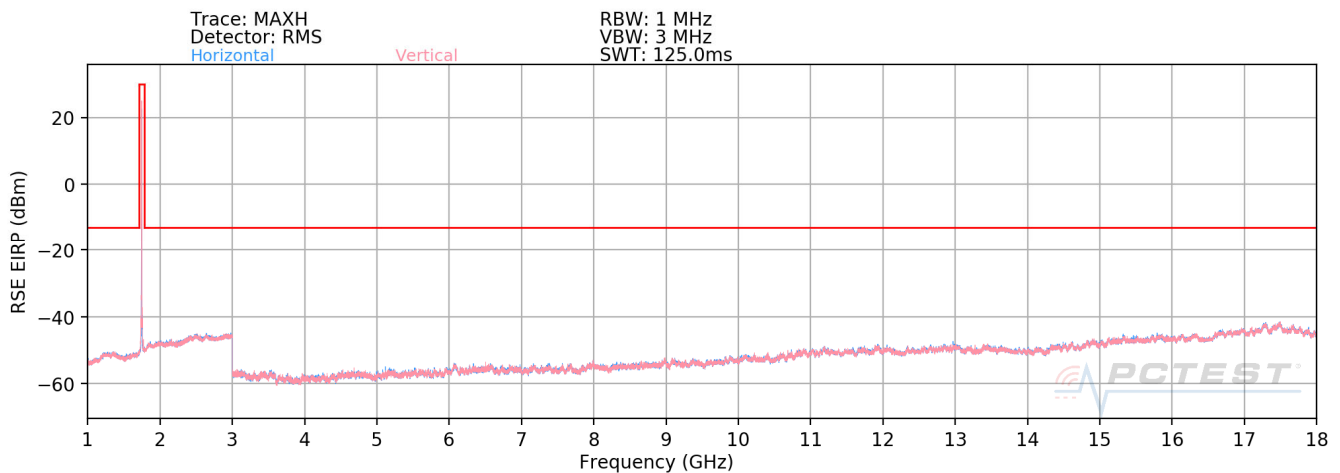
Table 7-38. Radiated Spurious Data (NR Band n71 (South) – Band 2 (North)– Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 177 of 215

LTE Band 66/4 – North



Plot 7-267. Radiated Spurious Plot (LTE Band 66/4 – North - Open)



Plot 7-268. Radiated Spurious Plot (LTE Band 66/4 – North – Half-Open)

Bandwidth (MHz):	20
Frequency (MHz):	1720.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.0	V	-	-	-77.94	3.62	32.68	-62.58	-13.00	-49.58
5160.0	V	-	-	-79.22	6.20	33.98	-61.28	-13.00	-48.28
6880.0	V	-	-	-80.75	8.30	34.55	-60.70	-13.00	-47.70

Table 7-39. Radiated Spurious Data (LTE Band 66/4 – Low Channel – North - Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 178 of 215	

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
RB / Offset:	1 / 50



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	V	397	34	-76.86	2.65	32.79	-62.46	-13.00	-49.46
5235.0	V	-	-	-79.25	5.63	33.38	-61.88	-13.00	-48.88
6980.0	V	-	-	-79.88	7.58	34.70	-60.56	-13.00	-47.56
8725.0	V	-	-	-80.57	8.89	35.32	-59.94	-13.00	-46.94

Table 7-40. Radiated Spurious Data (LTE Band 66/4 – Mid Channel – North - Open)

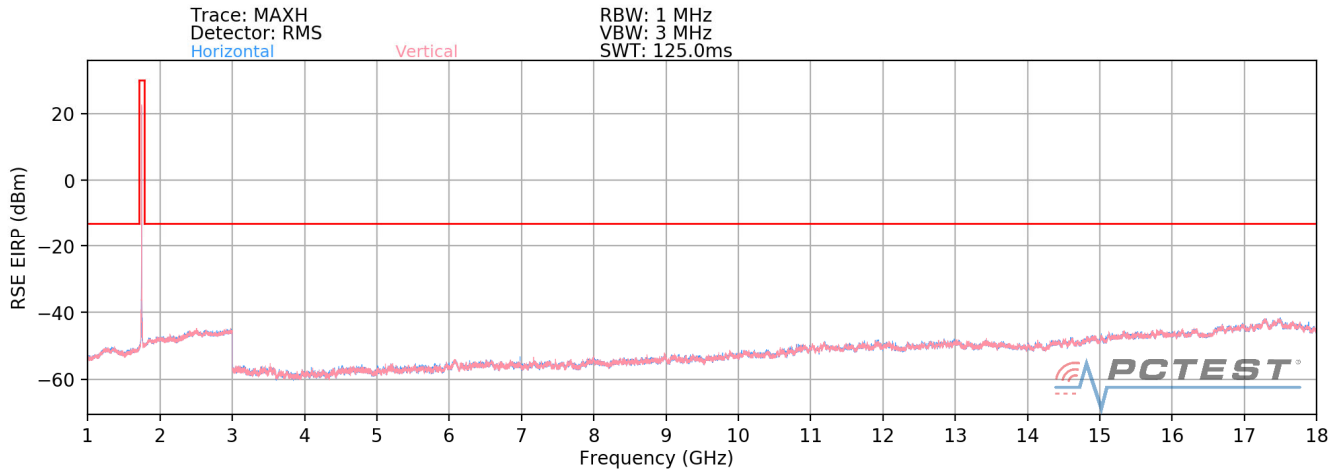
Bandwidth (MHz):	20
Frequency (MHz):	1770.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.00	V	-	-	-77.47	3.52	33.05	-62.21	-13.00	-49.21
5310.00	V	201	16	-77.53	5.40	34.87	-60.39	-13.00	-47.39
7080.00	V	-	-	-79.60	7.17	34.57	-60.69	-13.00	-47.69
8850.00	V	-	-	-80.49	8.98	35.50	-59.76	-13.00	-46.76
10620.00	V	-	-	-82.39	12.68	37.29	-57.97	-13.00	-44.97

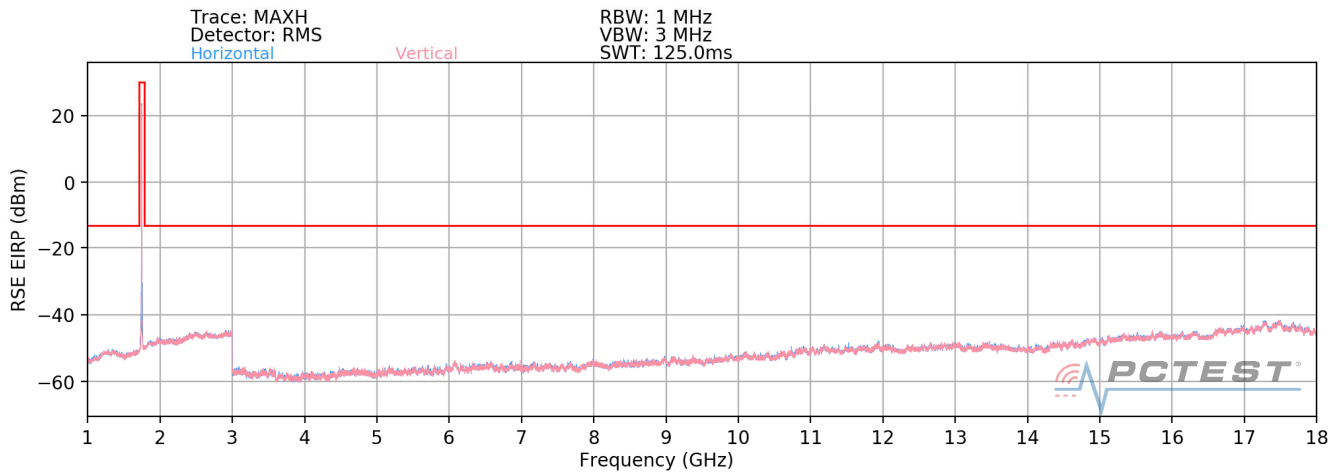
Table 7-41. Radiated Spurious Data (LTE Band 66/4 – High Channel – North - Open)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	 Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 179 of 215

LTE Band 66/4 – South



Plot 7-269. Radiated Spurious Plot (LTE Band 66/4 – South - Closed)



Plot 7-270. Radiated Spurious Plot (LTE Band 66/4 – South - Open)

Bandwidth (MHz):	20
Frequency (MHz):	1720.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.0	V	-	-	-77.98	3.62	32.64	-62.62	-13.00	-49.62
5160.0	V	-	-	-79.48	6.20	33.72	-61.54	-13.00	-48.54
6880.0	V	-	-	-80.93	8.30	34.37	-60.88	-13.00	-47.88

Table 7-42. Radiated Spurious Data (LTE Band 66/4 – Low Channel – South - Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 180 of 215	

Bandwidth (MHz):	20
Frequency (MHz):	1745.0
RB / Offset:	1 / 50



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	V	372	359	-76.27	2.65	33.38	-61.87	-13.00	-48.87
5235.0	V	-	-	-79.32	5.63	33.31	-61.95	-13.00	-48.95
6980.0	V	-	-	-79.92	7.58	34.66	-60.60	-13.00	-47.60
8725.0	V	-	-	-80.44	8.89	35.45	-59.81	-13.00	-46.81

Table 7-43. Radiated Spurious Data (LTE Band 66/4 – Mid Channel – South - Closed)

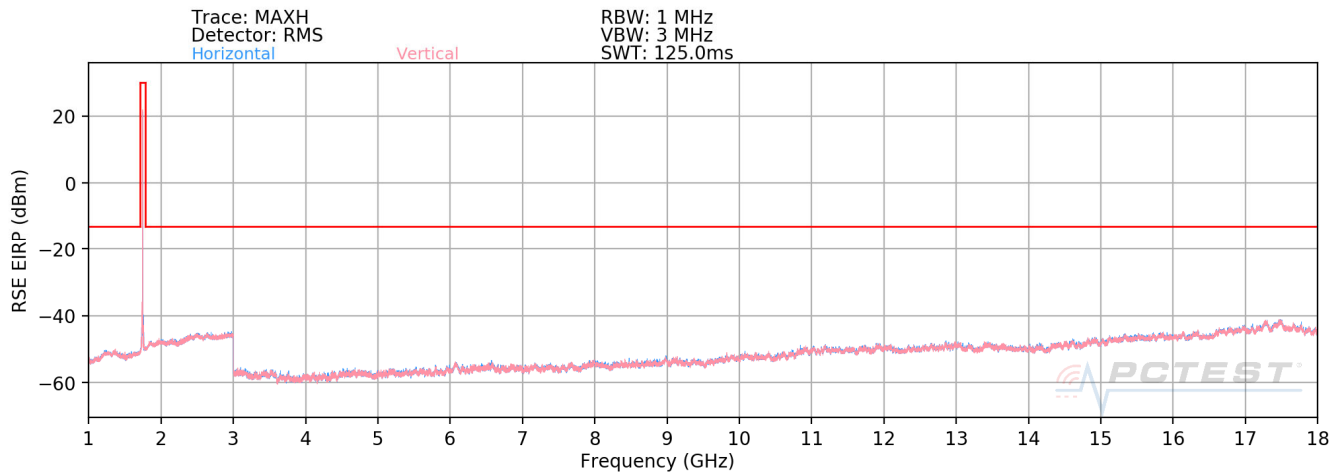
Bandwidth (MHz):	20
Frequency (MHz):	1770.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.00	V	362	361	-76.22	3.52	34.30	-60.96	-13.00	-47.96
5310.00	V	371	154	-77.36	5.40	35.04	-60.22	-13.00	-47.22
7080.00	V	-	-	-79.61	7.17	34.56	-60.70	-13.00	-47.70
8850.00	V	-	-	-80.27	8.98	35.72	-59.54	-13.00	-46.54
10620.00	V	-	-	-82.25	12.68	37.43	-57.83	-13.00	-44.83

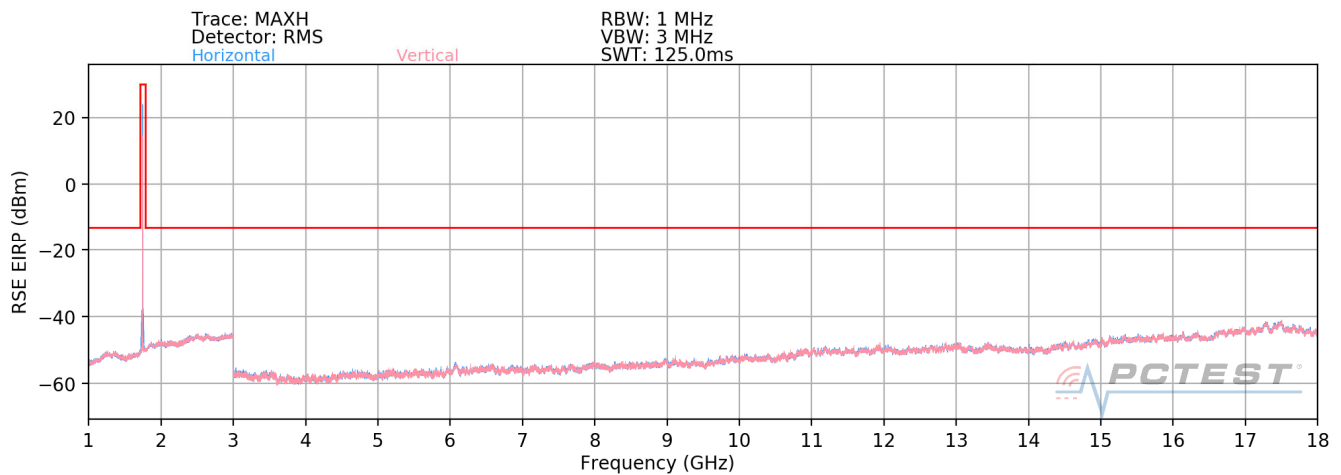
Table 7-44. Radiated Spurious Data (LTE Band 66/4 – High Channel – South - Closed)

FCC ID: C3K1995 IC: 3048A-1995	 PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	 Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 181 of 215

NR Band n66 – North



Plot 7-271. Radiated Spurious Plot (NR Band n66 – North - Open)



Plot 7-272. Radiated Spurious Plot (NR Band n66 – North - Closed)

Bandwidth (MHz):	40
Frequency (MHz):	1730.0
RB / Offset:	1 / 108
Mode:	Standalone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.0	H	-	-	-75.04	3.63	35.59	-59.67	-13.00	-46.67
5190.0	H	-	-	-76.90	6.28	36.38	-58.88	-13.00	-45.88
6920.0	H	-	-	-77.08	7.56	37.48	-57.78	-13.00	-44.78

Table 7-45. Radiated Spurious Data (NR Band n66 – Low Channel – North - Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 182 of 215	

Bandwidth (MHz):	40
Frequency (MHz):	1745.0
RB / Offset:	1 / 108
Mode:	Standalone



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	-	-	-75.07	2.65	34.58	-60.67	-13.00	-47.67
5235.0	H	-	-	-76.63	5.63	36.00	-59.26	-13.00	-46.26
6980.0	H	-	-	-76.70	7.58	37.88	-57.38	-13.00	-44.38

Table 7-46. Radiated Spurious Data (NR Band n66 – Mid Channel – North - Open)

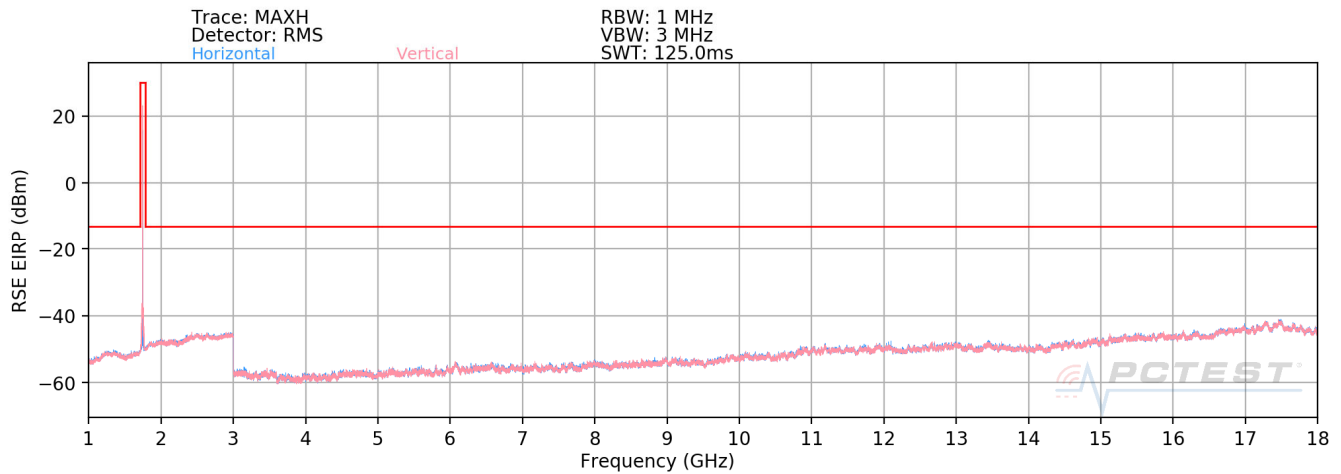
Bandwidth (MHz):	40
Frequency (MHz):	1760.0
RB / Offset:	1 / 108
Mode:	Standalone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.0	H	-	-	-75.55	3.76	35.21	-60.05	-13.00	-47.05
5280.0	H	-	-	-76.49	5.34	35.85	-59.41	-13.00	-46.41
7040.0	H	-	-	-76.63	7.53	37.90	-57.36	-13.00	-44.36

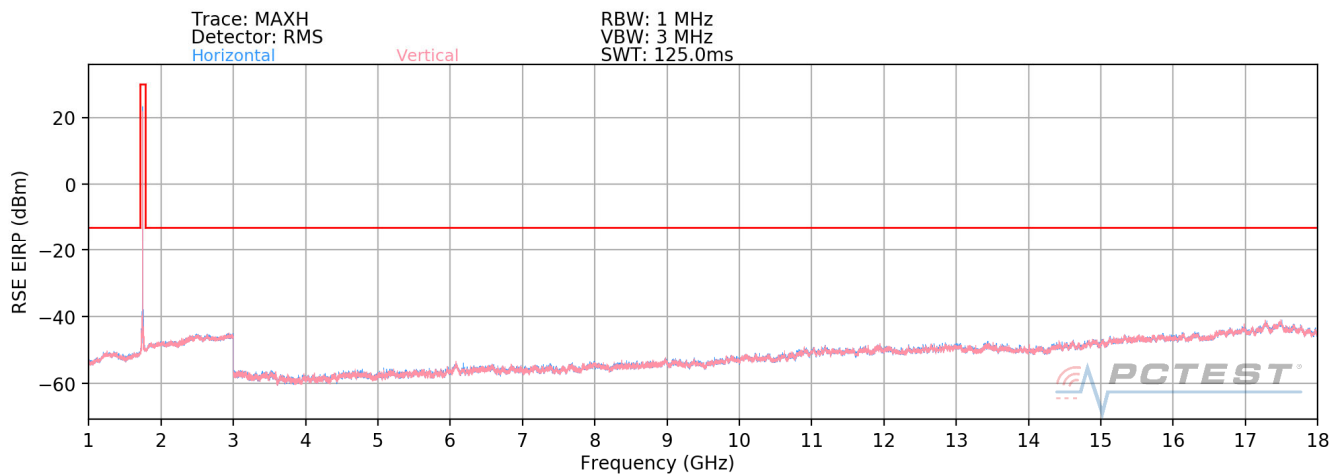
Table 7-47. Radiated Spurious Data (NR Band n66 – High Channel – North - Open)

FCC ID: C3K1995 IC: 3048A-1995	 <small>Proud to be part of element</small>	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 183 of 215

NR Band n66 – South



Plot 7-273. Radiated Spurious Plot (NR Band n66 – South – Half-Open)



Plot 7-274. Radiated Spurious Plot (NR Band n66 – South – Closed)

Bandwidth (MHz):	40
Frequency (MHz):	1730.0
RB / Offset:	1 / 108
Mode:	Standalone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.0	H	-	-	-77.74	3.63	32.89	-62.37	-13.00	-49.37
5190.0	H	-	-	-79.60	6.28	33.68	-61.58	-13.00	-48.58
6920.0	H	-	-	-80.18	7.56	34.38	-60.88	-13.00	-47.88

Table 7-48. Radiated Spurious Data (NR Band n66 – Low Channel – South – Half-Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 184 of 215	

Bandwidth (MHz):	40
Frequency (MHz):	1745.0
RB / Offset:	1 / 108
Mode:	Standalone



Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.0	H	-	-	-77.49	2.65	32.16	-63.09	-13.00	-50.09
5235.0	H	-	-	-79.21	5.63	33.42	-61.84	-13.00	-48.84
6980.0	H	-	-	-79.55	7.58	35.03	-60.23	-13.00	-47.23

Table 7-49. Radiated Spurious Data (NR Band n66 – Mid Channel – South – Half-Open)

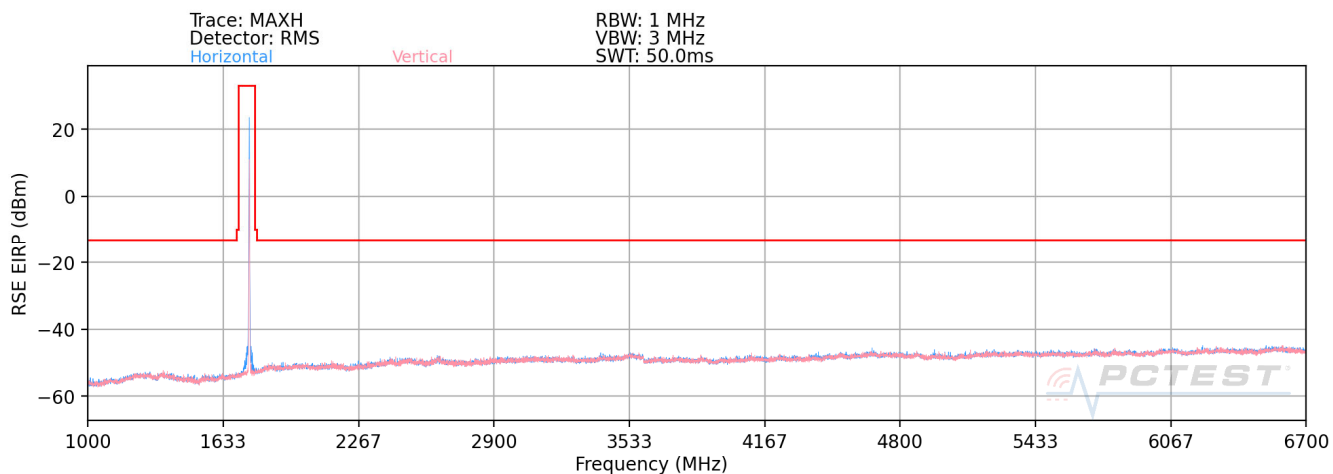
Bandwidth (MHz):	40
Frequency (MHz):	1760.0
RB / Offset:	1 / 108
Mode:	Standalone

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.0	H	-	-	-78.27	3.76	32.49	-62.77	-13.00	-49.77
5280.0	H	-	-	-79.24	5.34	33.10	-62.16	-13.00	-49.16
7040.0	H	-	-	-79.43	7.53	35.10	-60.16	-13.00	-47.16

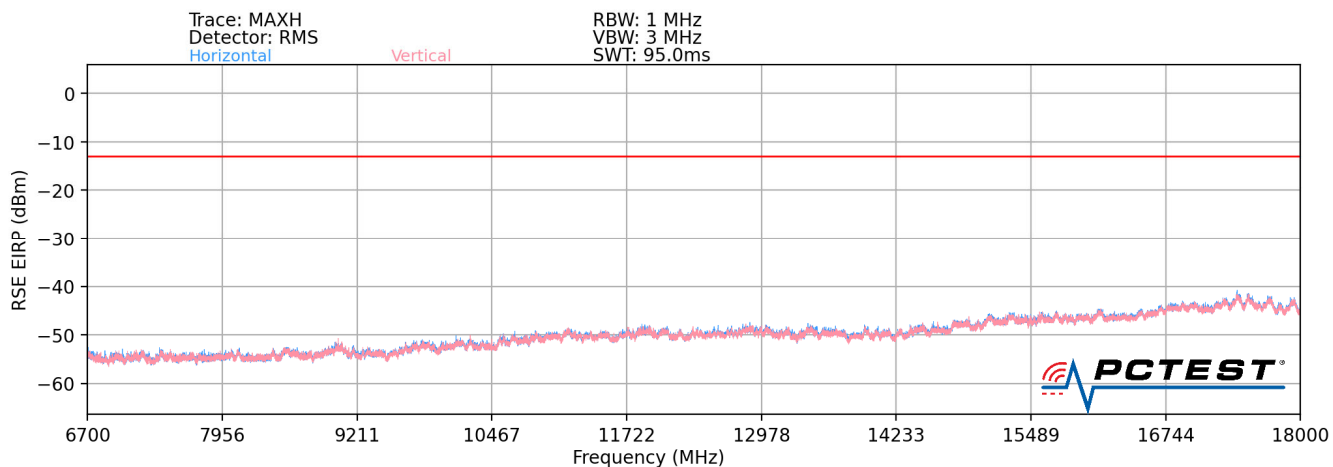
Table 7-50. Radiated Spurious Data (NR Band n66 – High Channel – South – Half-Open)

FCC ID: C3K1995 IC: 3048A-1995	 <small>Proud to be part of element</small>	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset	Page 185 of 215	

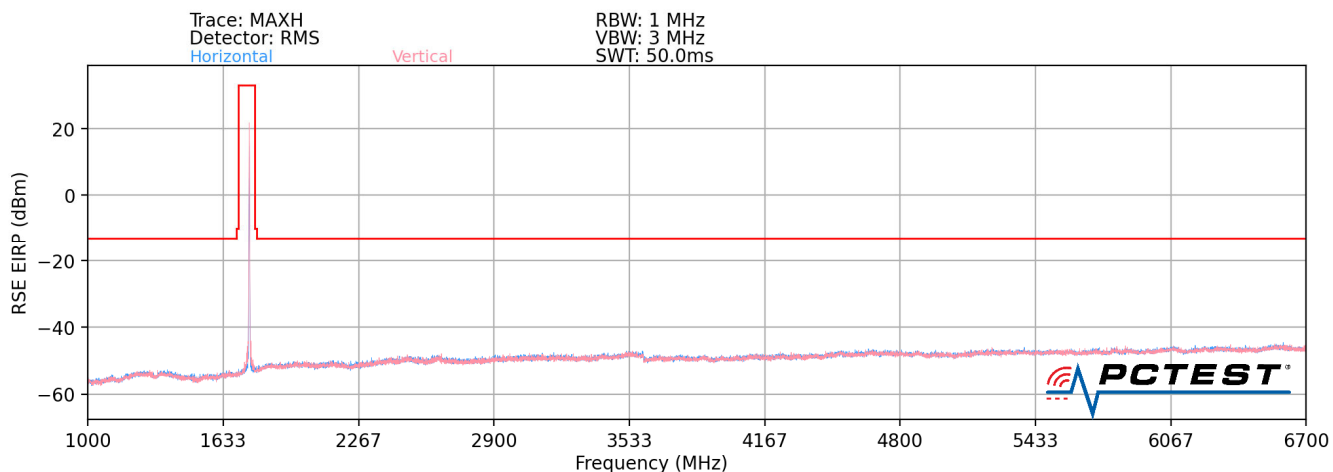
NR Band 66 (North) – Band 12 (South)



Plot 7-275. Radiated Spurious Plot (NR Band n66 (North) – Band 12 (South)– Closed)

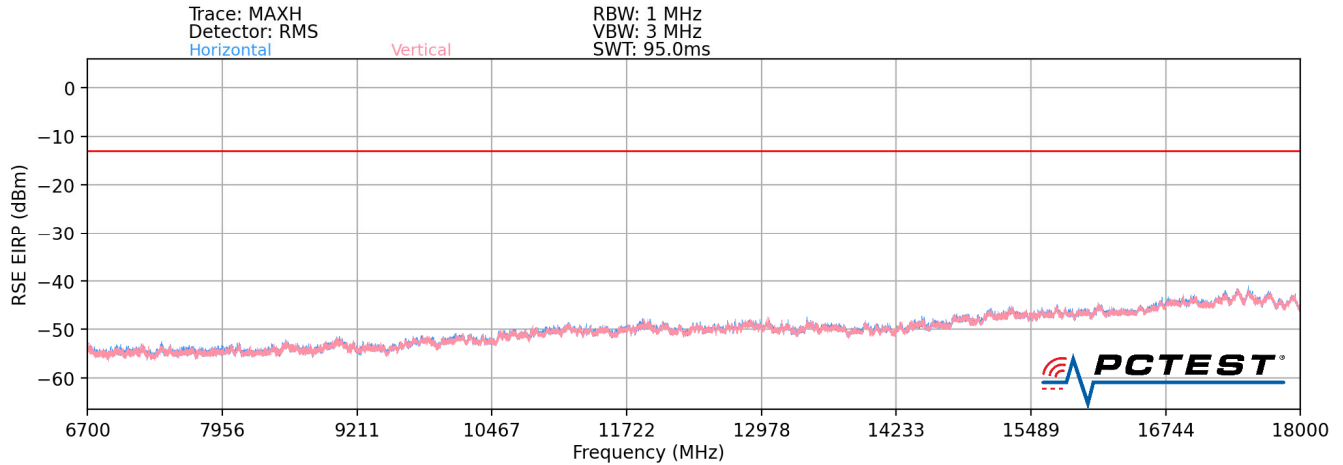


Plot 7 260. Radiated Spurious Plot (NR Band n66 (North) – Band 12 (South)– Closed)



Plot 7 260. Radiated Spurious Plot (NR Band n66 (North) – Band 12 (South)– Half-Open)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 186 of 215



Plot 7 260. Radiated Spurious Plot (NR Band n66 (North) – Band 12 (South)– Closed)

Bandwidth (MHz):	40MHz/10MHz
Frequency (MHz):	1745 & 707.5
RB / Offset:	1/108 & 1/25
Mode:	EN-DC
Anchor Band:	LTE BAND 12

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1367.5	H	-	-	-77.03	6.79	36.76	-58.50	-13.00	-45.50
2405	H	-	-	-77.37	10.96	40.59	-54.66	-13.00	-41.66
2782.5	H	-	-	-77.80	10.82	40.02	-55.24	-13.00	-42.24

Table 7-51. Radiated Spurious Data (NR Band n66 (North) – Band 12 (South)– Closed)

FCC ID: C3K1995 IC: 3048A-1995	PCTEST Proud to be part of element	PART 27 / RSS-130 / RSS-139 MEASUREMENT REPORT	Microsoft	Approved by: Technical Manager
Test Report S/N: 1M2105200048-04-R1.C3K	Test Dates: 05/25/2021 - 08/18/2021	EUT Type: Portable Handset		Page 187 of 215