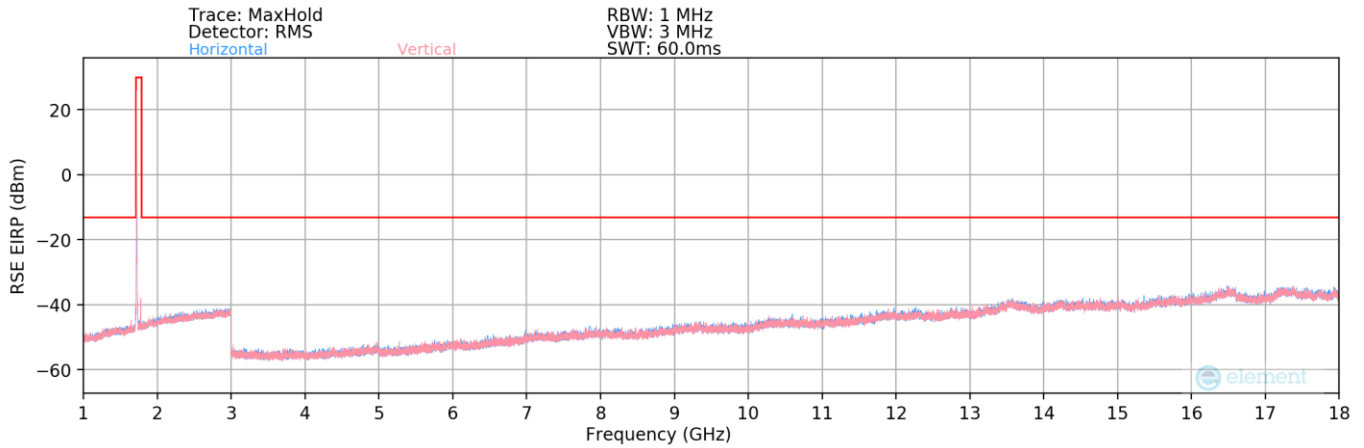
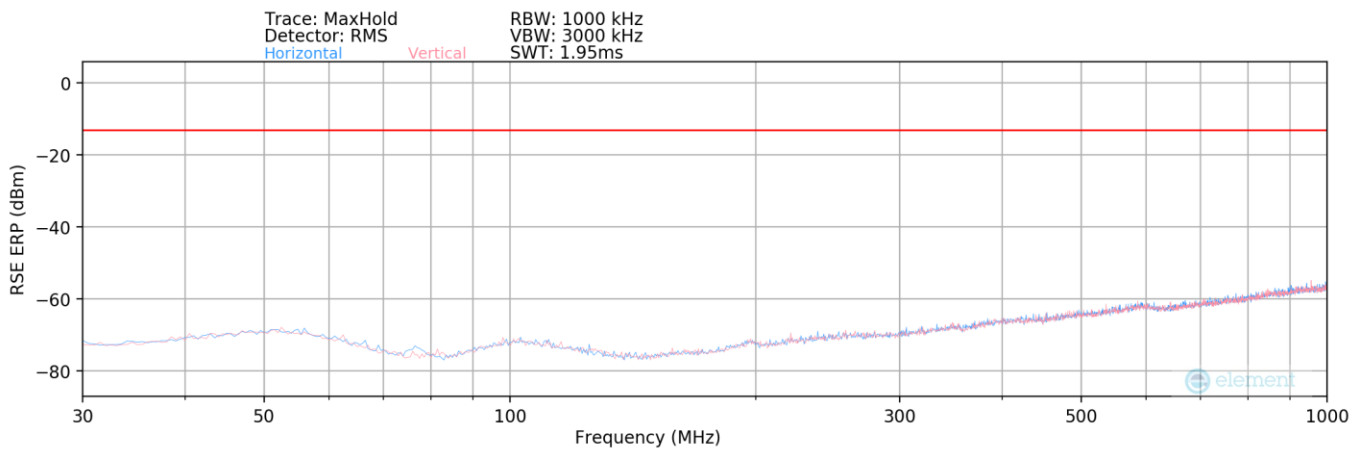


LTE Band 66/4 – Ant A



Plot 7-470. Radiated Spurious Plot (LTE Band 66/4 – Ant A)



Plot 7-471. Radiated Spurious Plot (LTE Band 66/4 – Ant A)

Mode:	Stand Alone
Channel:	132072
Frequency (MHz):	1720
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
76.73	H	250	114	-61.16	-21.52	24.32	-73.09	-13.00	-60.09
536.25	V	-	-	-61.71	-9.28	36.01	-61.40	-13.00	-48.40
554.98	H	-	-	-62.42	-9.12	35.46	-61.95	-13.00	-48.95
934.78	H	-	-	-62.58	-3.68	40.74	-56.67	-13.00	-43.67
955.30	V	-	-	-60.97	-3.49	42.54	-54.87	-13.00	-41.87

Table 7-39. Radiated Spurious Data (LTE Band 66/4 – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	1720
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]
3440.00	V	-	-	-70.70	7.28	43.58	-51.68	-13.00	-38.68
5160.00	V	-	-	-73.55	10.22	43.67	-51.58	-13.00	-38.58
6880.00	V	-	-	-73.06	13.79	47.73	-47.53	-13.00	-34.53
8600.00	V	-	-	-75.15	16.98	48.83	-46.43	-13.00	-33.43
10320.00	V	-	-	-74.82	19.79	51.97	-43.29	-13.00	-30.29

Table 7-40. Radiated Spurious Data (LTE Band 66/4 – Low Channel – Ant A)

Bandwidth (MHz):	20
Frequency (MHz):	1745
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]
3490.00	V	-	-	-71.35	7.19	42.84	-52.42	-13.00	-39.42
5235.00	V	-	-	-73.24	9.90	43.66	-51.60	-13.00	-38.60
6980.00	V	-	-	-73.49	14.03	47.54	-47.72	-13.00	-34.72
8725.00	V	-	-	-74.26	16.98	49.72	-45.54	-13.00	-32.54
10470.00	V	-	-	-75.63	19.71	51.08	-44.18	-13.00	-31.18

Table 7-41. Radiated Spurious Data (LTE Band 66/4 – Mid Channel – Ant A)

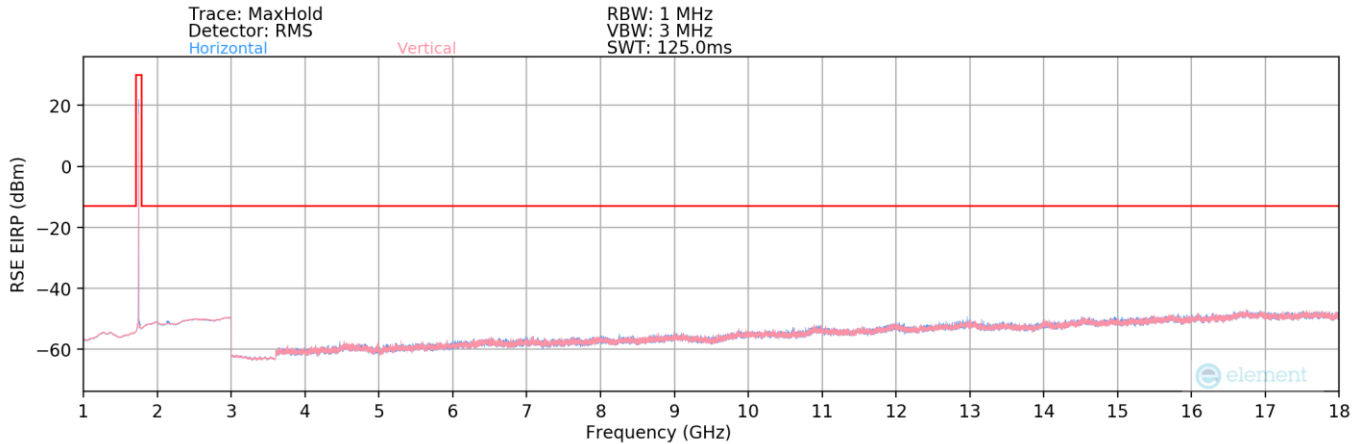
Bandwidth (MHz):	20
Frequency (MHz):	1770
RB / Offset:	1 / 50

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	-	-	-71.96	7.50	42.54	-52.72	-13.00	-39.72
5310.00	V	-	-	-72.78	10.45	44.67	-50.59	-13.00	-37.59
7080.00	V	-	-	-73.47	14.28	47.81	-47.45	-13.00	-34.45
8850.00	V	-	-	-73.91	17.47	50.56	-44.69	-13.00	-31.69
10620.00	V	-	-	-75.28	20.07	51.79	-43.47	-13.00	-30.47

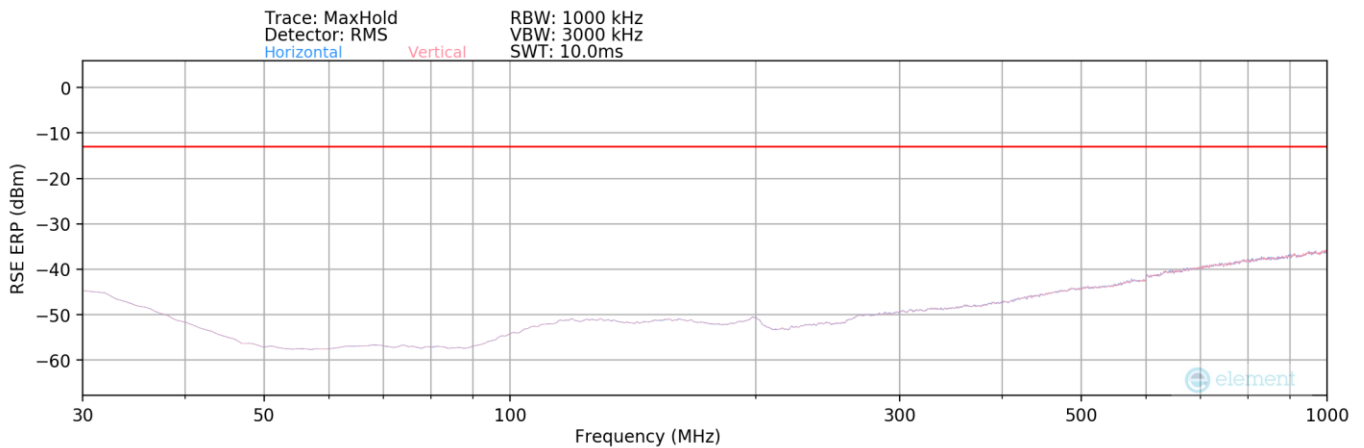
Table 7-42. Radiated Spurious Data (LTE Band 66/4 – High Channel – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 283 of 316

NR Band n66 – Ant A



Plot 7-472. Radiated Spurious Plot (NR Band n66 – Ant A)



Plot 7-473. Radiated Spurious Plot (NR Band n66 – Ant A)

Mode:	Stand Alone
Channel:	349000
Frequency (MHz):	1745
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
400.00	V	-	-	-101.30	23.33	29.03	-68.37	-13.00	-55.37

Table 7-43. Radiated Spurious Data (NR Band n66 – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	40
Frequency (MHz):	1730
RB / Offset:	1 / 108
Detector / Trace Mode:	RMS / Average

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]
3460.00	V	-	-	-78.86	2.84	30.98	-64.28	-13.00	-51.28
5190.00	V	-	-	-79.55	5.07	32.52	-62.74	-13.00	-49.74
6920.00	V	-	-	-79.98	7.36	34.38	-60.88	-13.00	-47.88

Table 7-44. Radiated Spurious Data (NR Band n66 – Low Channel – Ant A)

Bandwidth (MHz):	40
Frequency (MHz):	1745
RB / Offset:	1 / 108
Detector / Trace Mode:	RMS / Average

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]
3490.00	V	-	-	-78.84	2.54	30.70	-64.56	-13.00	-51.56
5235.00	V	-	-	-79.19	5.03	32.84	-62.42	-13.00	-49.42
6980.00	V	-	-	-79.11	7.03	34.92	-60.34	-13.00	-47.34

Table 7-45. Radiated Spurious Data (NR Band n66 – Mid Channel – Ant A)

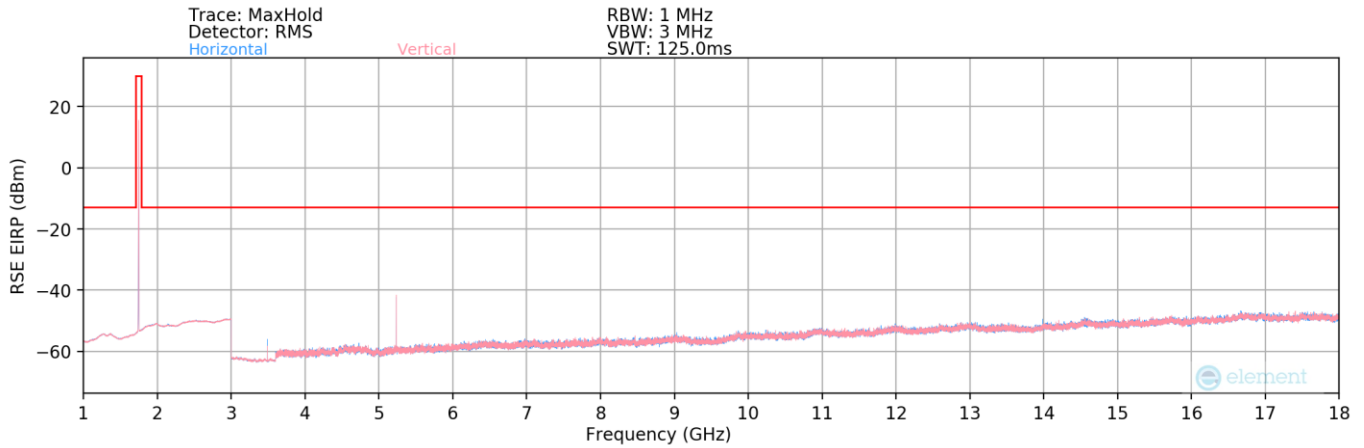
Bandwidth (MHz):	40
Frequency (MHz):	1760
RB / Offset:	1 / 108
Detector / Trace Mode:	RMS / Average

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]
3520.00	V	-	-	-78.70	2.60	30.90	-64.35	-13.00	-51.35
5280.00	V	-	-	-79.30	4.75	32.45	-62.81	-13.00	-49.81
7040.00	V	-	-	-79.37	6.88	34.51	-60.75	-13.00	-47.75

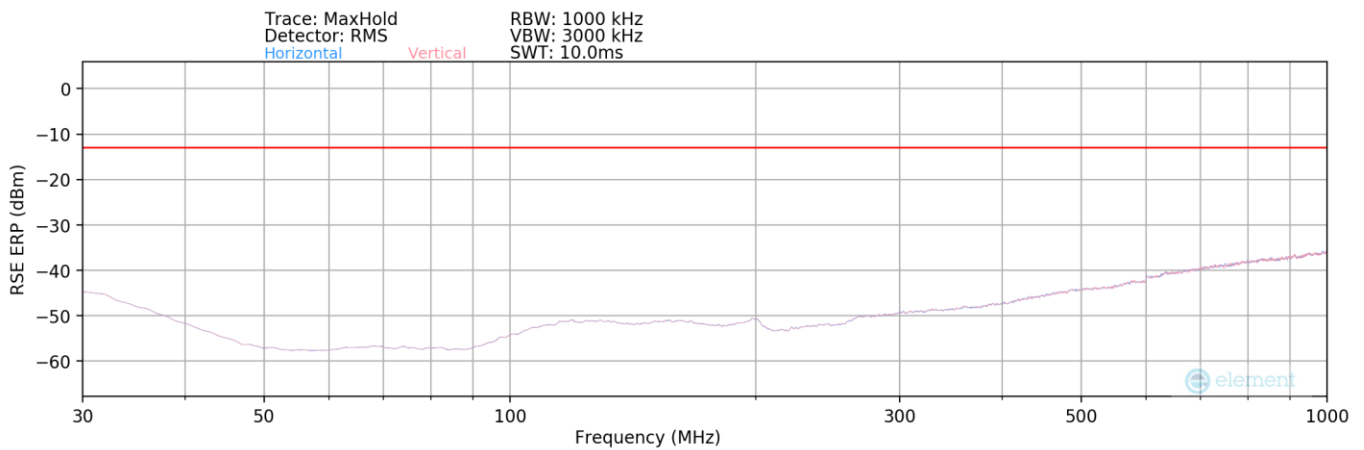
Table 7-46. Radiated Spurious Data (NR Band n66 – High Channel – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 66/4 – Ant F



Plot 7-474. Radiated Spurious Plot (LTE Band 66/4 – Ant F)



Plot 7-475. Radiated Spurious Plot (LTE Band 66/4 – Ant F)

Mode:	Stand-alone
Channel:	349000
Frequency (MHz):	1745
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
48.58	V	-	-	-84.13	15.34	38.21	-59.19	-13.00	-46.19
192.74	V	-	-	-83.97	18.95	41.98	-55.43	-13.00	-42.43
411.13	V	-	-	-84.08	23.82	46.74	-50.67	-13.00	-37.67

Table 7-47. Radiated Spurious Data (LTE Band 66/4 – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	1720
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]
3440.00	V	377	353	-73.87	2.98	36.11	-59.14	-13.00	-46.14
5160.00	V	136	178	-60.22	4.97	51.75	-43.50	-13.00	-30.50
6880.00	V	-	-	-79.10	7.77	35.67	-59.59	-13.00	-46.59
8600.00	V	-	-	-79.88	8.44	35.56	-59.70	-13.00	-46.70
10320.00	V	-	-	-79.85	10.81	37.96	-57.30	-13.00	-44.30

Table 7-48. Radiated Spurious Data (LTE Band 66/4 – Low Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	1745
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]
3490.00	V	400	205	-68.76	2.54	40.78	-54.48	-13.00	-41.48
5235.00	V	304	16	-58.67	5.03	53.36	-41.90	-13.00	-28.90
6980.00	V	-	-	-78.28	7.03	35.75	-59.51	-13.00	-46.51
8725.00	V	-	-	-79.51	8.37	35.86	-59.40	-13.00	-46.40
10470.00	V	-	-	-80.65	11.57	37.92	-57.33	-13.00	-44.33

Table 7-49. Radiated Spurious Data (LTE Band 66/4 – Mid Channel – Ant F)

Bandwidth (MHz):	20
Frequency (MHz):	1770
RB / Offset:	1 / 50

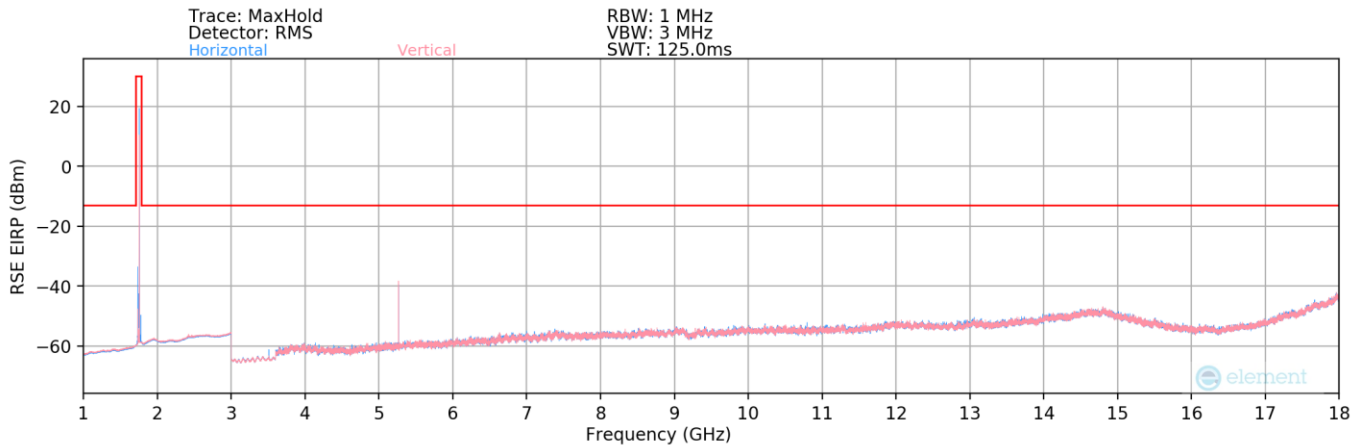
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.00	V	389	199	-65.61	2.54	43.93	-51.33	-13.00	-38.33
5310.00	V	142	195	-60.52	4.80	51.28	-43.98	-13.00	-30.98
7080.00	V	-	-	-78.46	7.13	35.67	-59.58	-13.00	-46.58
8850.00	V	-	-	-79.15	8.57	36.42	-58.84	-13.00	-45.84
10620.00	V	-	-	-80.58	11.93	38.35	-56.91	-13.00	-43.91

Table 7-50. Radiated Spurious Data (LTE Band 66/4 – High Channel – Ant F)

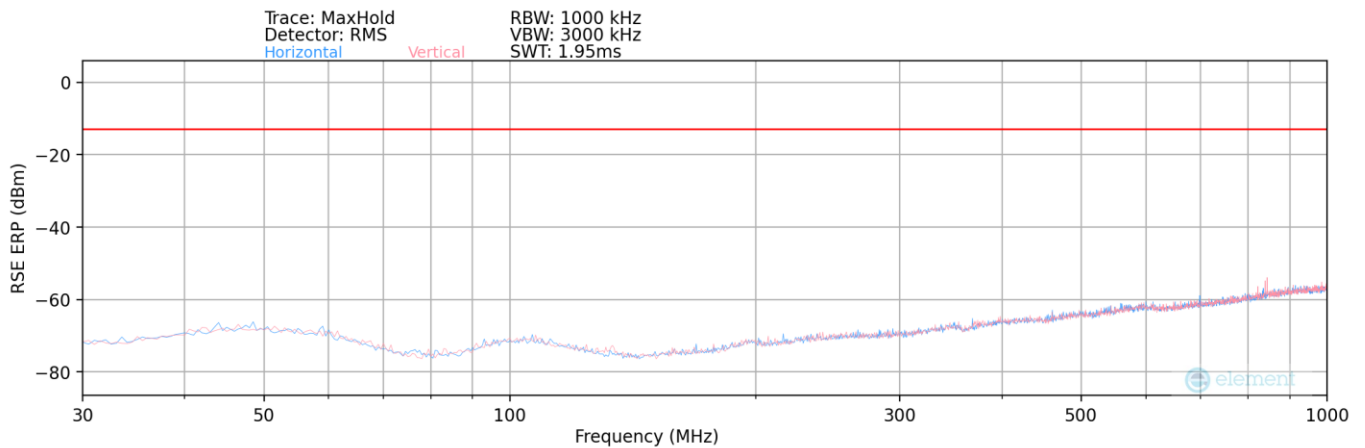
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 287 of 316



NR Band n66 – Ant F



Plot 7-476. Radiated Spurious Plot (NR Band n66 – Ant F)



Plot 7-477. Radiated Spurious Plot (NR Band n66 – Ant F)

Mode:	Stand Alone
Channel:	349000
Frequency (MHz):	1745
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
499.00	H	-	-	-100.75	25.85	32.10	-65.31	-13.00	-52.31

Table 7-51. Radiated Spurious Data (NR Band n66 – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	40
Frequency (MHz):	1730
RB / Offset:	1 / 108
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3460.00	H	-	-	-78.18	2.84	31.66	-63.60	-13.00	-50.60
5190.00	H	-	-	-79.24	5.07	32.83	-62.43	-13.00	-49.43
6920.00	H	-	-	-79.89	7.36	34.47	-60.79	-13.00	-47.79

Table 7-52. Radiated Spurious Data (NR Band n66 – Low Channel – Ant F)

Bandwidth (MHz):	40
Frequency (MHz):	1745
RB / Offset:	1 / 108
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3490.00	H	-	-	-77.81	2.54	31.73	-63.53	-13.00	-50.53
5235.00	H	-	-	-79.34	5.03	32.69	-62.57	-13.00	-49.57
6980.00	H	-	-	-79.25	7.03	34.78	-60.48	-13.00	-47.48

Table 7-53. Radiated Spurious Data (NR Band n66 – Mid Channel – Ant F)

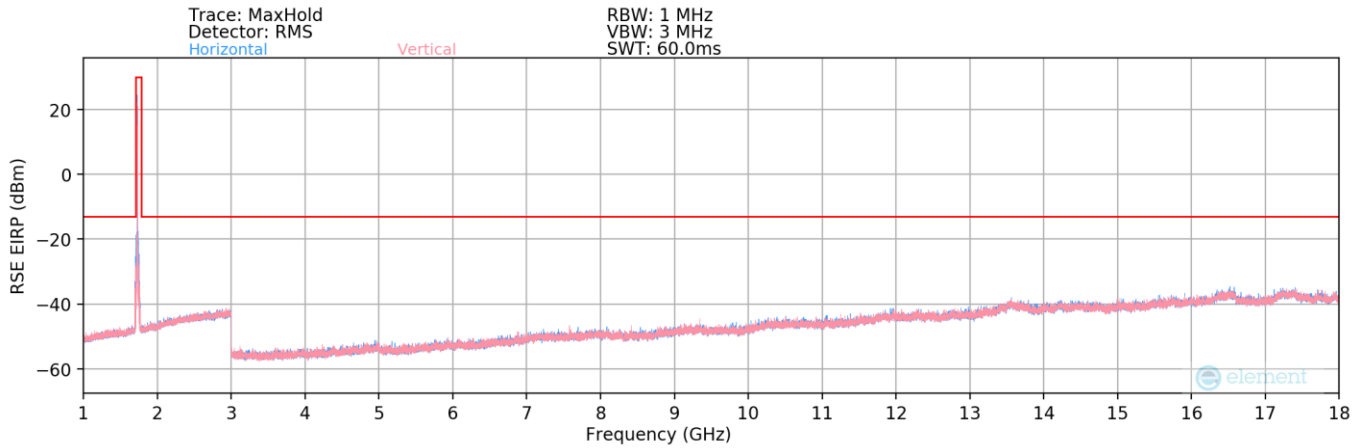
Bandwidth (MHz):	40
Frequency (MHz):	1760
RB / Offset:	1 / 108
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3520.00	H	-	-	-77.79	2.60	31.81	-63.44	-13.00	-50.44
5280.00	H	-	-	-79.02	4.75	32.73	-62.53	-13.00	-49.53
7040.00	H	-	-	-79.38	6.88	34.50	-60.76	-13.00	-47.76

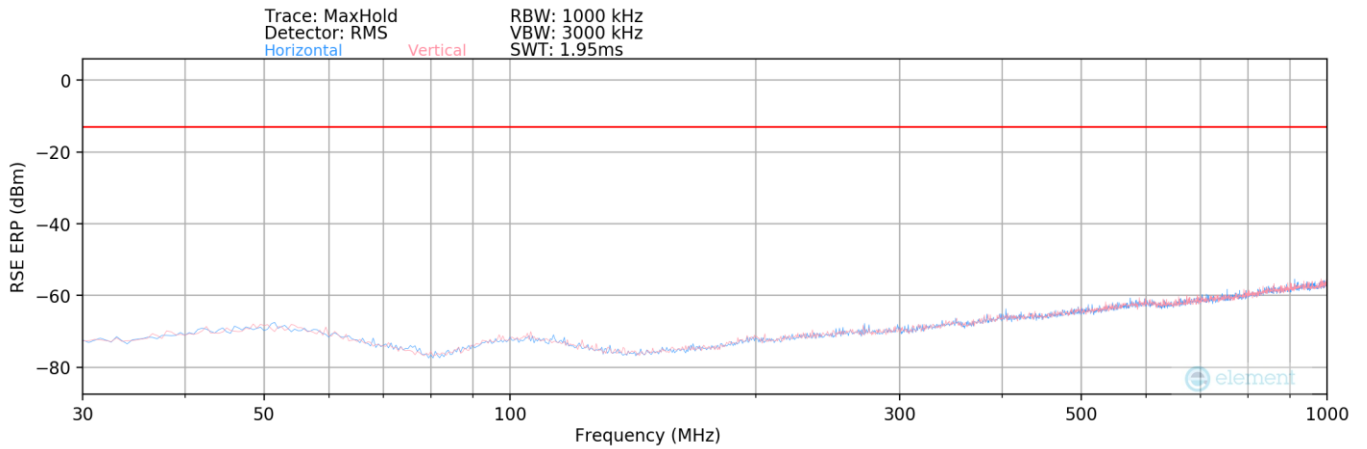
Table 7-54. Radiated Spurious Data (NR Band n66 – High Channel – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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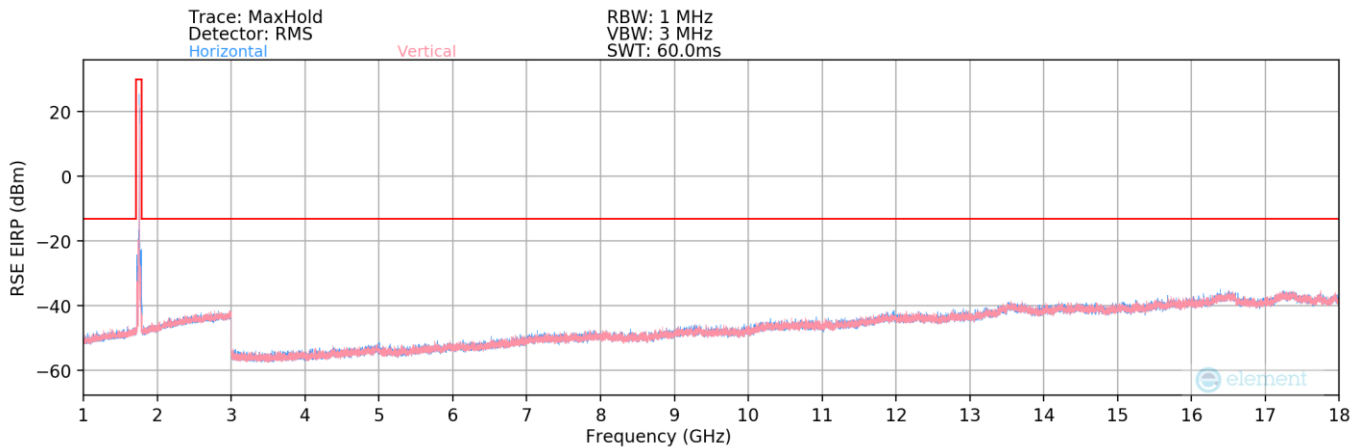
Uplink CA LTE Band 66B/C – Ant A



Plot 7-478. Radiated Spurious Plot (ULCA LTE Band 66 – Ant A)

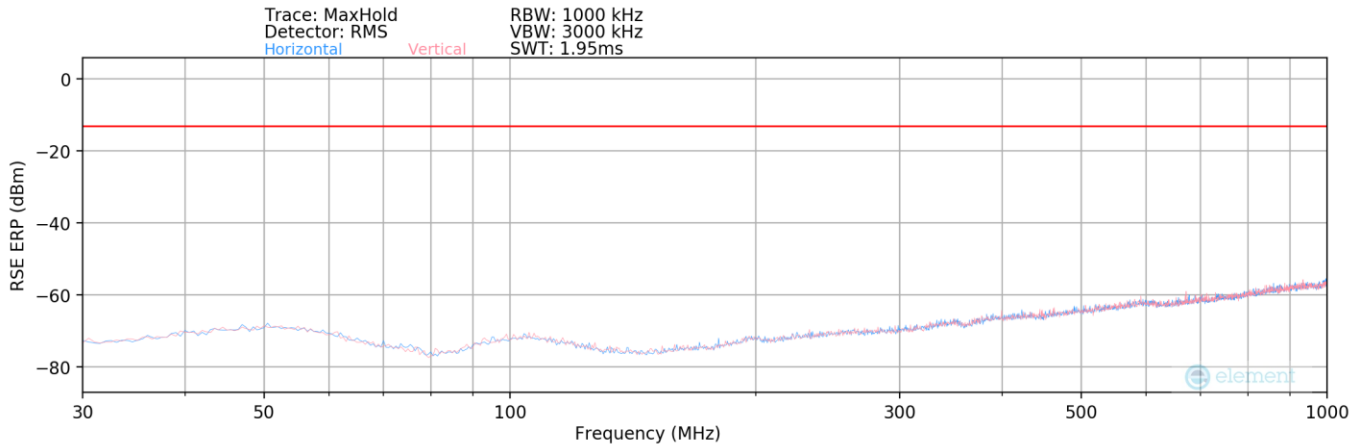


Plot 7-479. Radiated Spurious Plot (ULCA LTE Band 66 – Ant A)

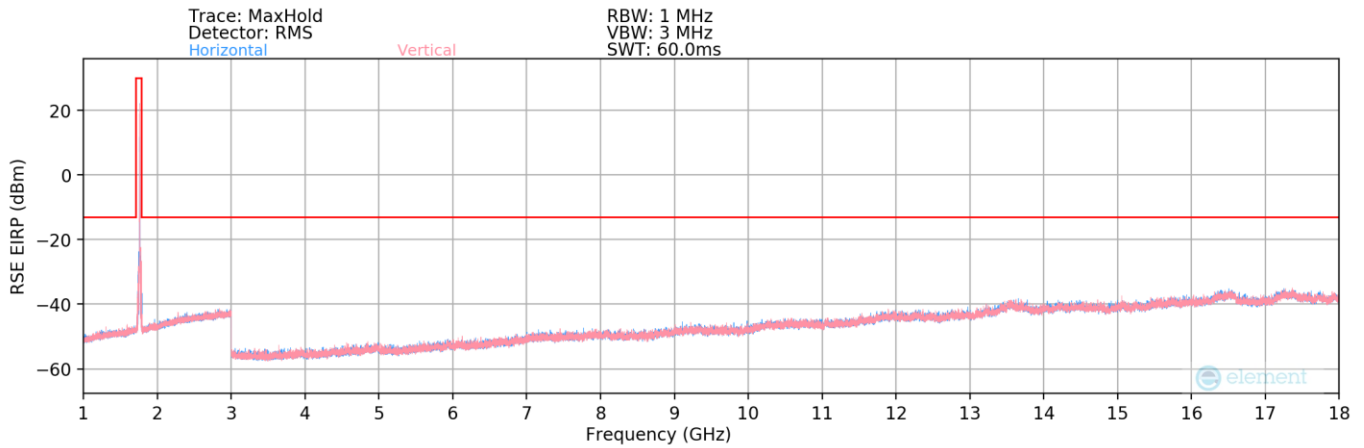


Plot 7-480. Radiated Spurious Plot (ULCA LTE Band 66 – Ant A)

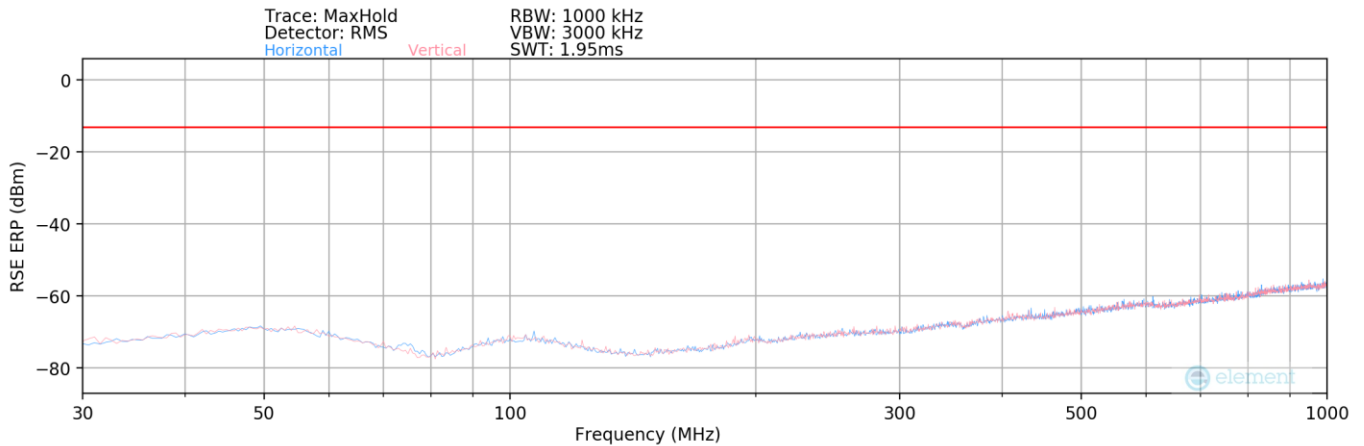
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-481. Radiated Spurious Plot (ULCA LTE Band 66 – Ant A)



Plot 7-482. Radiated Spurious Plot (ULCA LTE Band 66 – Ant A)



Plot 7-483. Radiated Spurious Plot (ULCA LTE Band 66 – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 291 of 316

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1745.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1764.8
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
98.19	V	-	-	-71.30	-16.75	18.95	-78.45	-13.00	-65.45

Table 7-55. Radiated Spurious Data (ULCA LTE66 – Ant A)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1720.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1739.8
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.00	V	-	-	-80.63	7.11	33.48	-61.78	-13.00	-48.78
5160.00	V	-	-	-82.84	10.58	34.74	-60.52	-13.00	-47.52
6880.00	V	-	-	-82.95	13.75	37.80	-57.46	-13.00	-44.46

Table 7-56. Radiated Spurious Data (ULCA LTE66 – Low Channel – Ant A)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1745.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1764.8
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.00	V	-	-	-81.47	6.99	32.52	-62.73	-13.00	-49.73
5235.00	V	-	-	-82.62	10.11	34.49	-60.77	-13.00	-47.77
6980.00	V	-	-	-83.15	13.84	37.69	-57.56	-13.00	-44.56

Table 7-57. Radiated Spurious Data (ULCA LTE66 – Mid Channel – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1770.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1750.2
SCC RB / Offset:	1 / 99
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

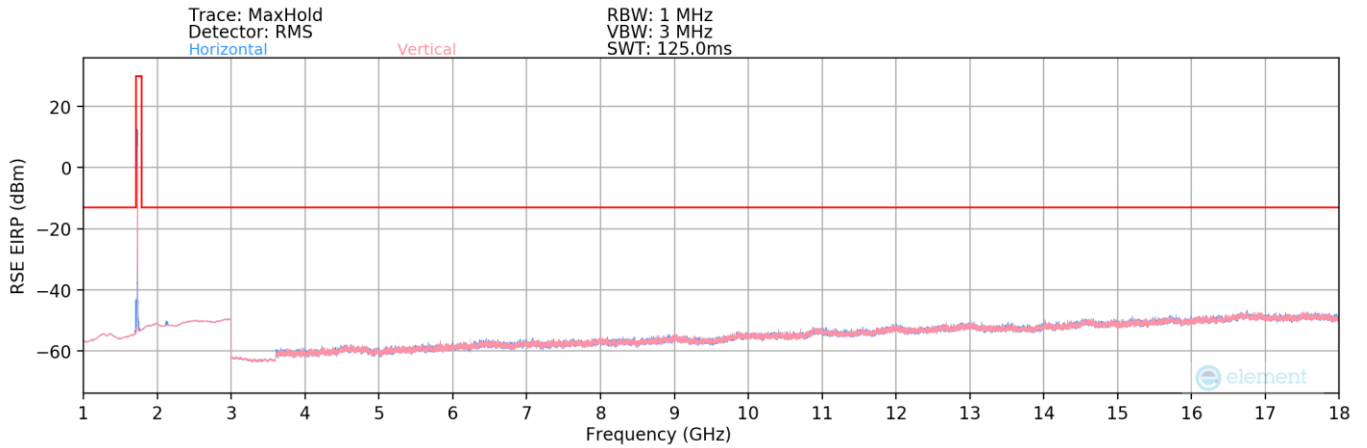
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.00	V	-	-	-81.21	7.22	33.01	-62.25	-13.00	-49.25
5310.00	V	-	-	-81.74	10.58	35.84	-59.42	-13.00	-46.42
7080.00	V	-	-	-83.56	14.17	37.61	-57.64	-13.00	-44.64

Table 7-58. Radiated Spurious Data (ULCA LTE66 – High Channel – Ant A)

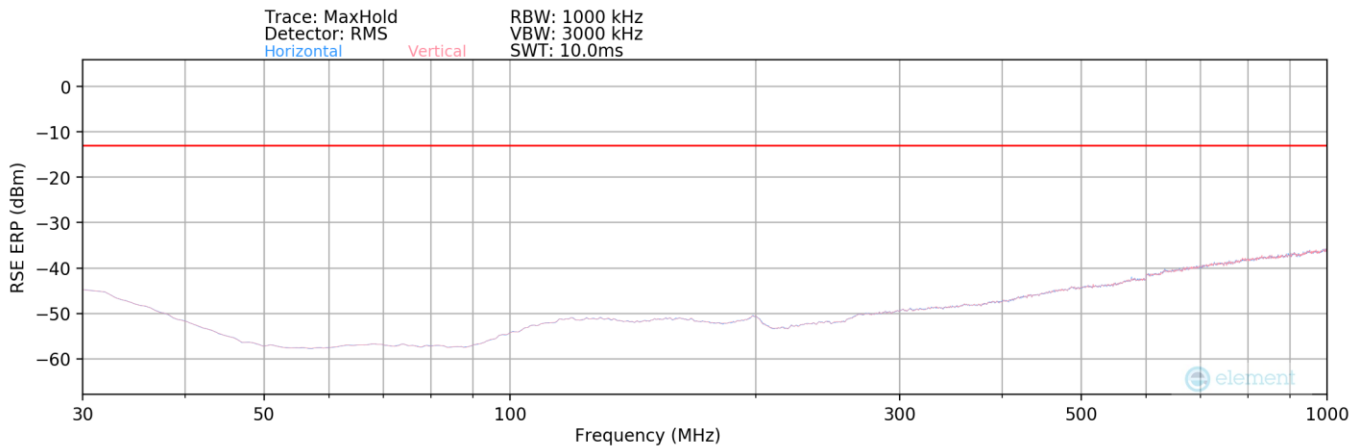
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 293 of 316



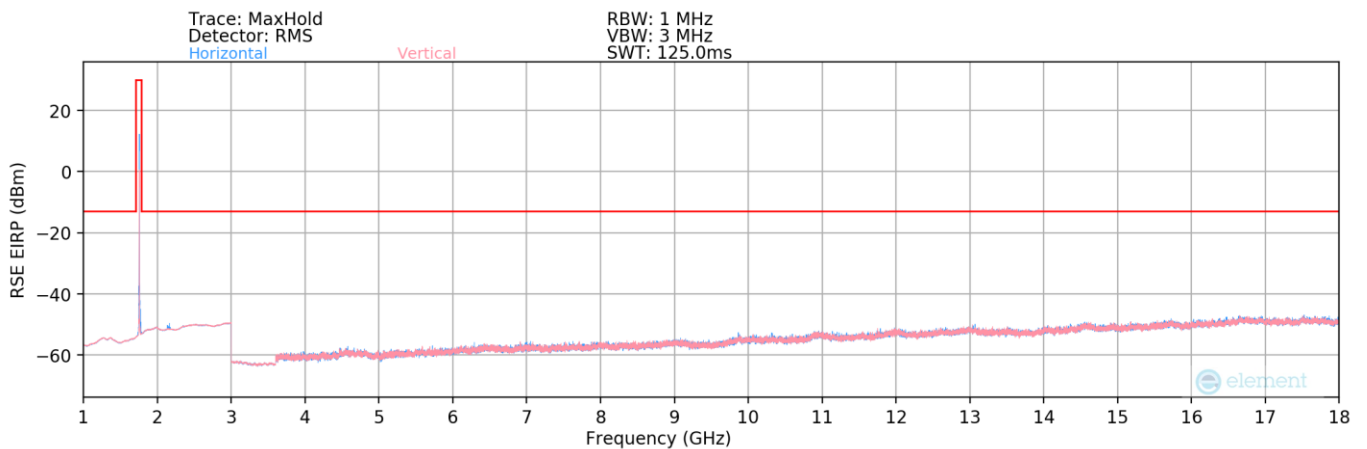
Uplink CA LTE Band 66B/C – Ant F



Plot 7-484. Radiated Spurious Plot (ULCA LTE Band 66 – Ant F)

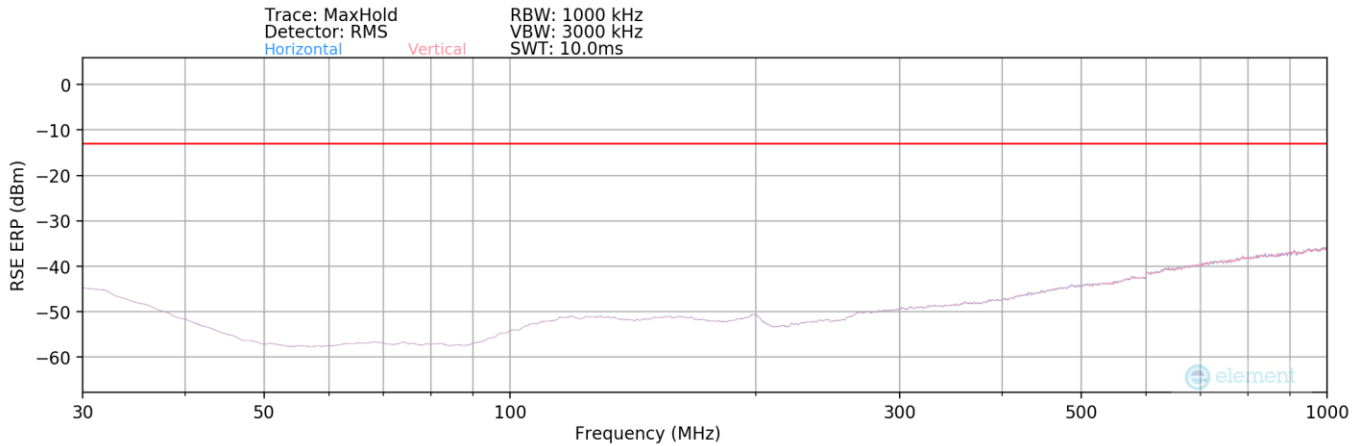


Plot 7-485. Radiated Spurious Plot (ULCA LTE Band 66 – Ant F)

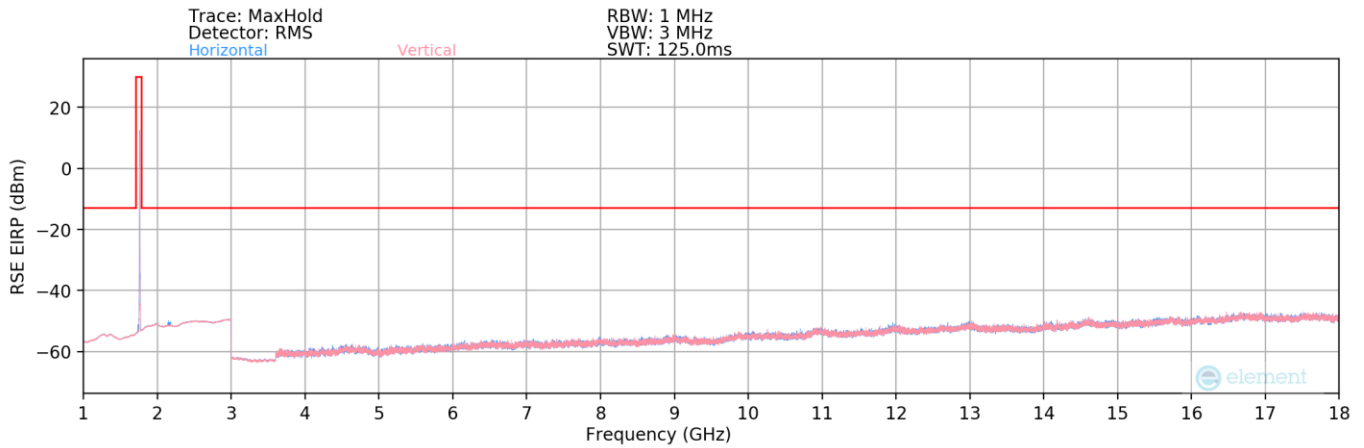


Plot 7-486. Radiated Spurious Plot (ULCA LTE Band 66 – Ant F)

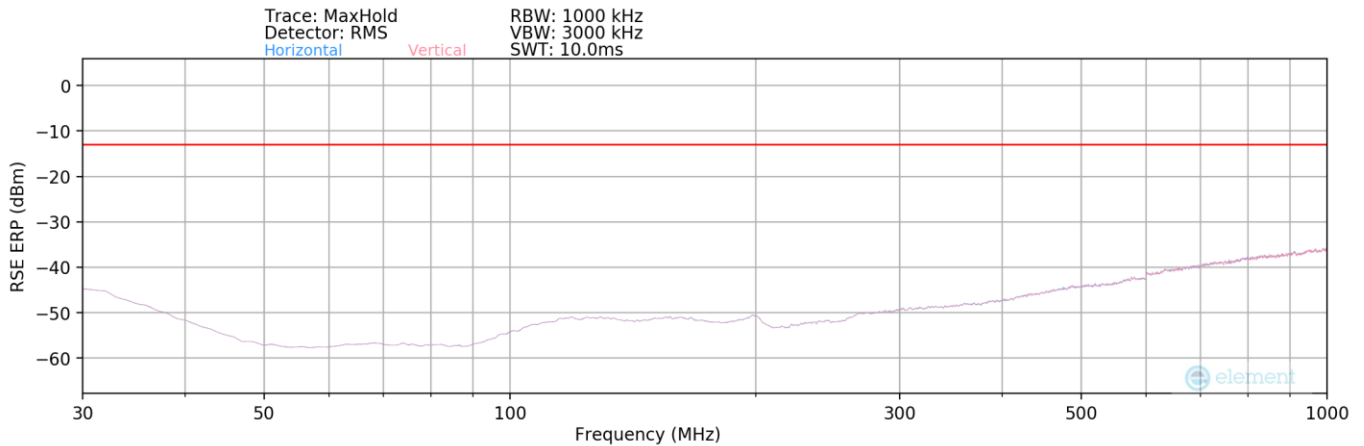
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 294 of 316



Plot 7-487. Radiated Spurious Plot (ULCA LTE Band 66 – Ant F)



Plot 7-488. Radiated Spurious Plot (ULCA LTE Band 66 – Ant F)



Plot 7-489. Radiated Spurious Plot (ULCA LTE Band 66 – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 295 of 316



PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1720.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1739.8
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
105.20	H	-	-	-84.20	18.65	41.45	-55.95	-13.00	-42.95
317.70	H	-	-	-84.07	21.72	44.65	-52.76	-13.00	-39.76
515.62	H	-	-	-84.01	25.98	48.97	-48.43	-13.00	-35.43

Table 7-59. Radiated Spurious Data (ULCA LTE66 – Ant F)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1720.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1739.8
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3440.00	H	-	-	-77.15	2.98	32.83	-62.42	-13.00	-49.42
5160.00	H	126	189	-77.61	4.97	34.36	-60.89	-13.00	-47.89
6880.00	H	-	-	-78.97	7.77	35.80	-59.46	-13.00	-46.46
8600.00	H	-	-	-79.95	8.44	35.49	-59.77	-13.00	-46.77
10320.00	H	-	-	-80.37	10.81	37.44	-57.82	-13.00	-44.82

Table 7-60. Radiated Spurious Data (ULCA LTE66 – Low Channel – Ant F)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1745.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1764.8
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3490.00	H	-	-	-76.97	2.54	32.57	-62.69	-13.00	-49.69
5235.00	H	-	-	-78.41	5.03	33.62	-61.64	-13.00	-48.64
6980.00	H	-	-	-78.42	7.03	35.61	-59.65	-13.00	-46.65
8725.00	H	-	-	-79.32	8.37	36.05	-59.21	-13.00	-46.21

Table 7-61. Radiated Spurious Data (ULCA LTE66 – Mid Channel – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 296 of 316



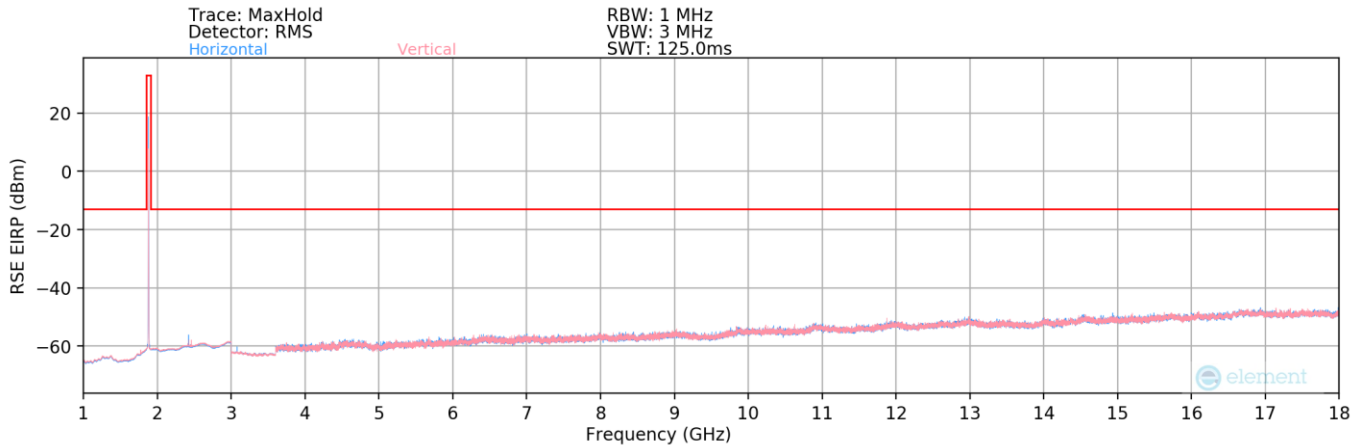
PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	1770.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	1750.2
SCC RB / Offset:	1 / 99
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	H	-	-	-77.08	2.54	32.46	-62.80	-13.00	-49.80
5310.00	H	-	-	-78.41	4.80	33.39	-61.87	-13.00	-48.87
7080.00	H	-	-	-78.47	7.13	35.66	-59.59	-13.00	-46.59
8850.00	H	-	-	-79.09	8.57	36.48	-58.78	-13.00	-45.78

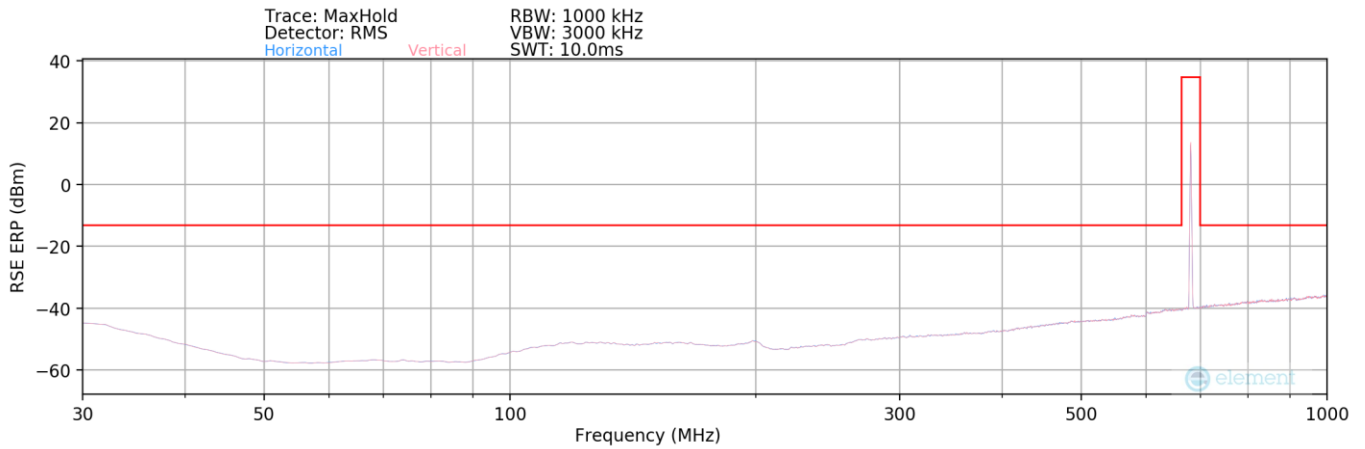
Table 7-62. Radiated Spurious Data (ULCA LTE66 – High Channel – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 297 of 316

EN-DC NR Band n71- LTE B2



Plot 7-490. Radiated Spurious Plot (NR Band n71- LTE B2)



Plot 7-491. Radiated Spurious Plot (NR Band n71- LTE B2)

Bandwidth (MHz):	20 & 20
Frequency (MHz):	680.5 & 1882.5
RB / Offset:	1/53 & 1/50
Mode:	EN-DC
Anchor Band:	B2

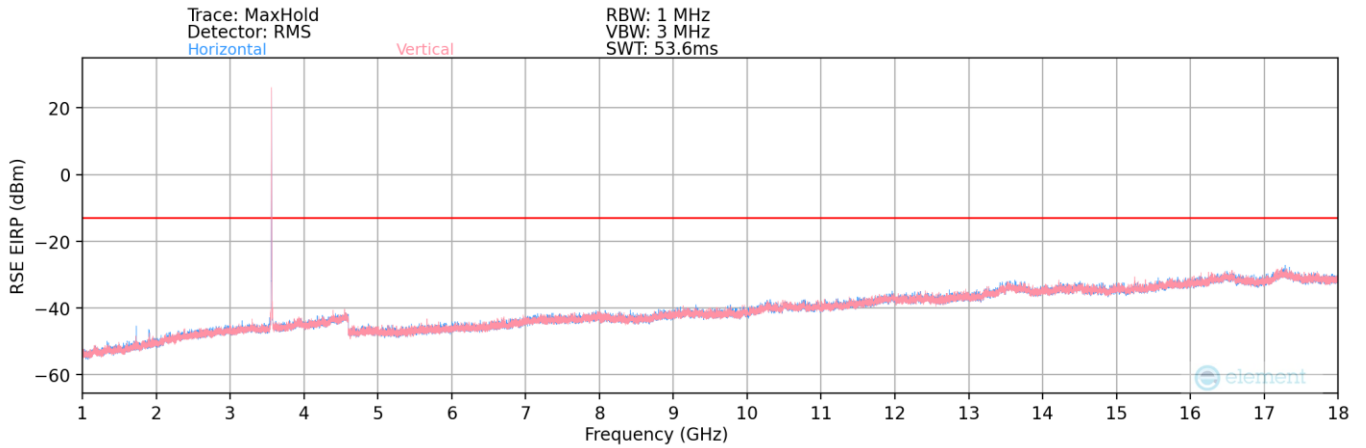
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
884.00	H	-	-	-101.25	30.98	36.73	-58.53	-13.00	-45.53
2408.00	H	362	365	-73.52	0.67	34.15	-61.11	-13.00	-48.11
3924.00	H	-	-	-77.10	3.12	33.02	-62.24	-13.00	-49.24
4286.50	H	-	-	-76.52	3.35	33.83	-61.43	-13.00	-48.43
7689.00	H	-	-	-78.13	7.41	36.28	-58.97	-13.00	-45.97

Table 7-63. Radiated Spurious Data (NR Band n71- LTE B2)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 298 of 316



EN-DC NR Band n71- LTE B48



Plot 7-492. Radiated Spurious Plot (NR Band n71- LTE B48)

Bandwidth (MHz):	20 & 20
Frequency (MHz):	682 & 3625
RB / Offset:	1 / 53 & 1 / 50
Mode:	EN-DC
Anchor Band:	B48

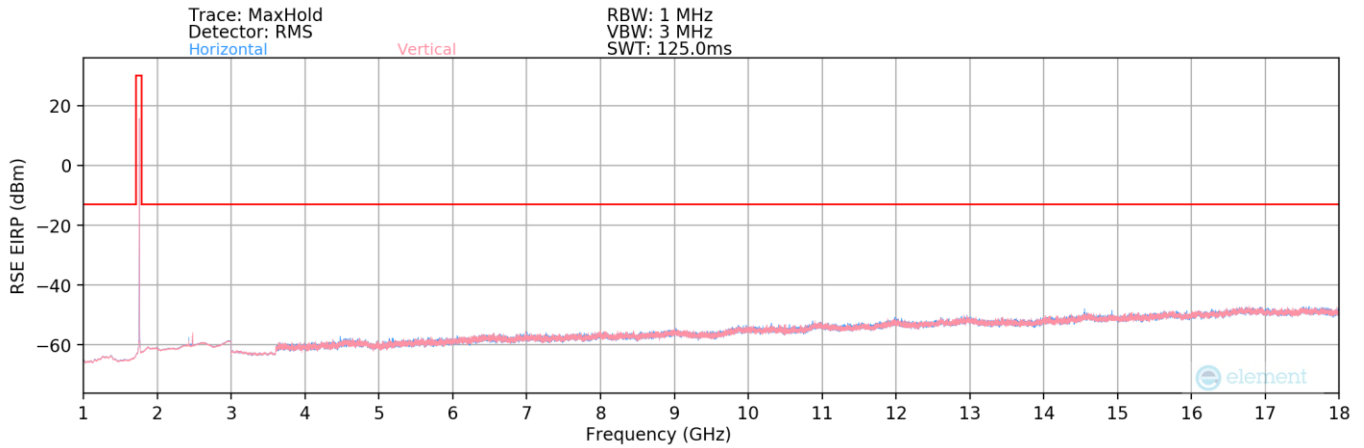
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1609.00	V	-	-	-72.01	-0.09	34.90	-60.36	-13.00	-47.36
2953.00	V	-	-	-71.69	5.39	40.70	-54.56	-13.00	-41.56
3569.00	V	-	-	-73.33	6.98	40.65	-54.61	-13.00	-41.61

Table 7-64. Radiated Spurious Data (NR Band n71- LTE B48)

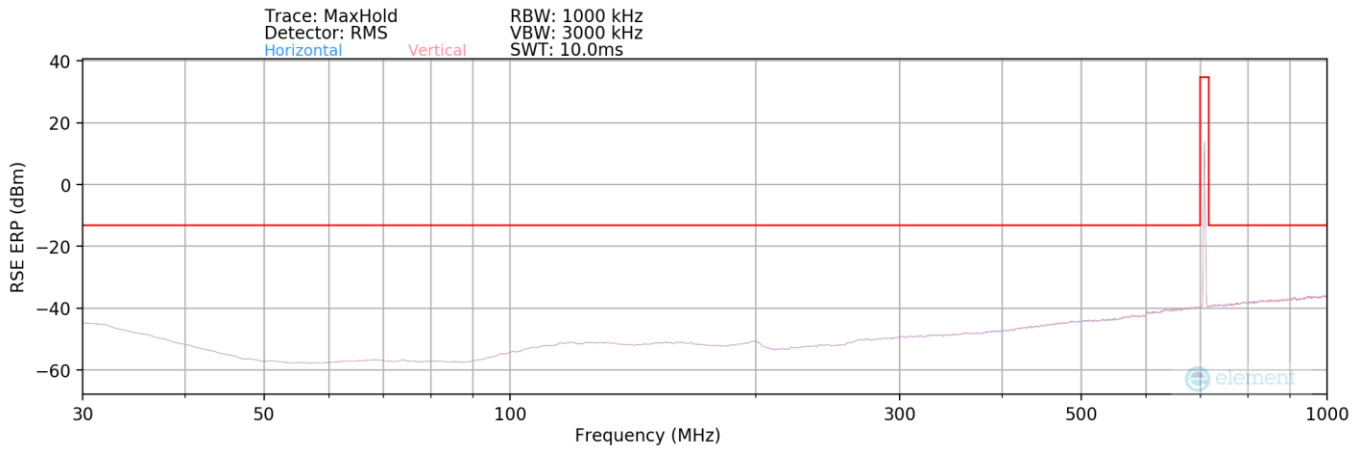
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 299 of 316



EN-DC NR Band n12- LTE B66



Plot 7-493. Radiated Spurious Plot (NR Band n12- LTE B66)



Plot 7-494. Radiated Spurious Plot (NR Band n12- LTE B66)

Bandwidth (MHz):	15 & 20
Frequency (MHz):	707.5 & 1745
RB / Offset:	1/39 & 1/50
Mode:	EN-DC
Anchor Band:	B66

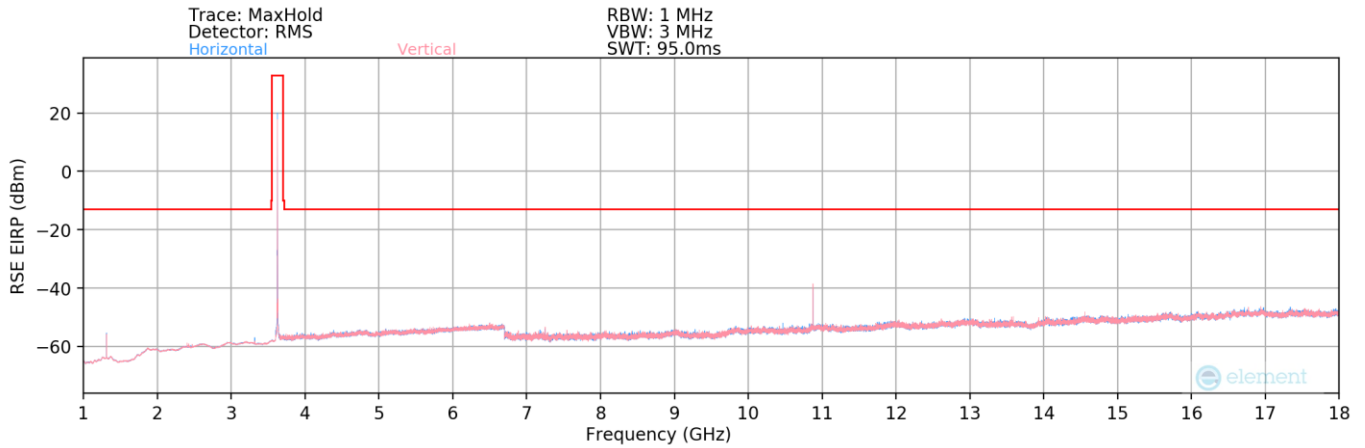
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
330.00	V	-	-	-105.85	21.78	22.93	-72.33	-13.00	-59.33
2440.00	V	278	61	-73.60	0.60	34.00	-61.26	-13.00	-48.26
3160.00	V	-	-	-74.56	1.93	34.37	-60.89	-13.00	-47.89
4527.50	V	-	-	-78.29	3.72	32.43	-62.83	-13.00	-49.83
6272.50	V	-	-	-79.46	6.49	34.03	-61.23	-13.00	-48.23

Table 7-65. Radiated Spurious Data (NR Band n12- LTE B66)

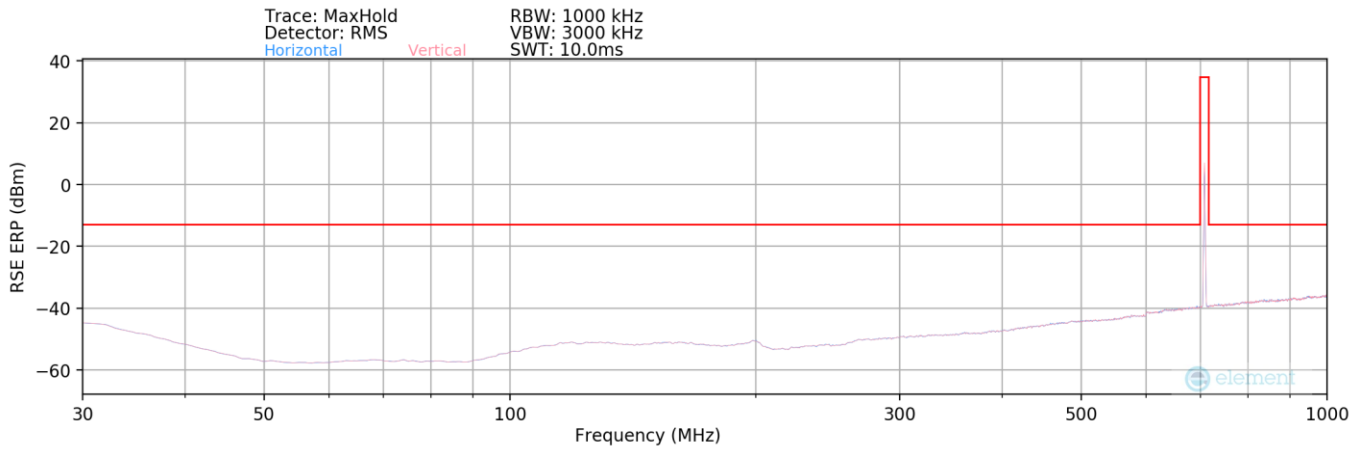
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 300 of 316



EN-DC NR Band n12- LTE B48



Plot 7-495. Radiated Spurious Plot (NR Band n12- LTE B48)



Plot 7-496. Radiated Spurious Plot (NR Band n12- LTE B48)

Bandwidth (MHz):	15 & 20
Frequency (MHz):	707.5 & 3625
RB / Offset:	1/39 & 1/50
Mode:	EN-DC
Anchor Band:	B48

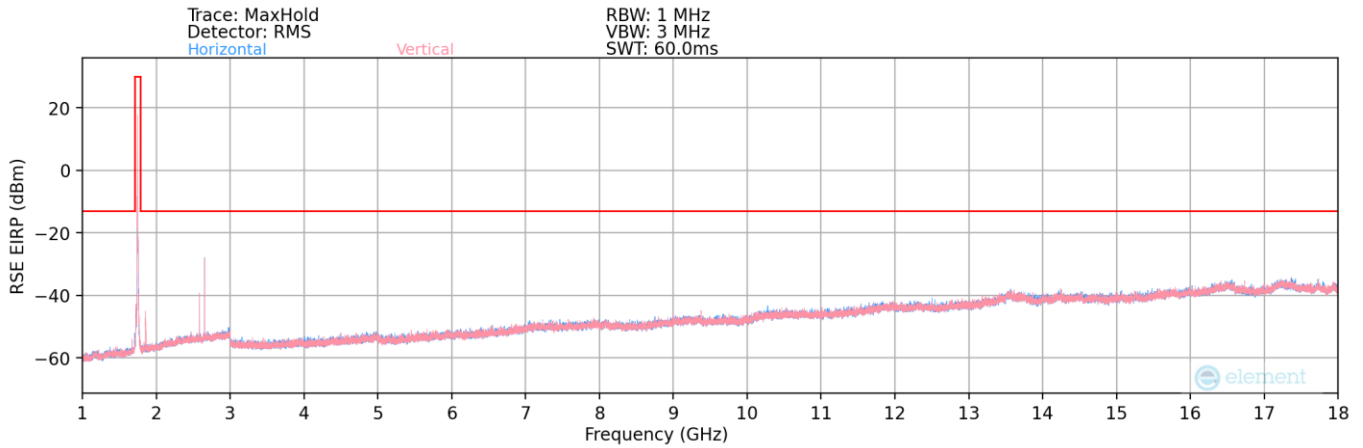
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
620.00	V	-	-	-97.96	27.12	36.16	-59.10	-13.00	-46.10
1327.50	V	178	41	-40.74	-7.03	59.23	-36.03	-13.00	-23.03
2210.00	V	-	-	-71.61	-3.94	31.45	-63.81	-13.00	-50.81
3005.00	V	-	-	-72.11	-2.32	32.57	-62.69	-13.00	-49.69
4332.50	V	-	-	-76.05	-0.53	30.42	-64.84	-13.00	-51.84
10875.00	V	-	-	-64.10	8.62	51.52	-43.74	-13.00	-30.74

Table 7-66. Radiated Spurious Data (NR Band n12- LTE B48)

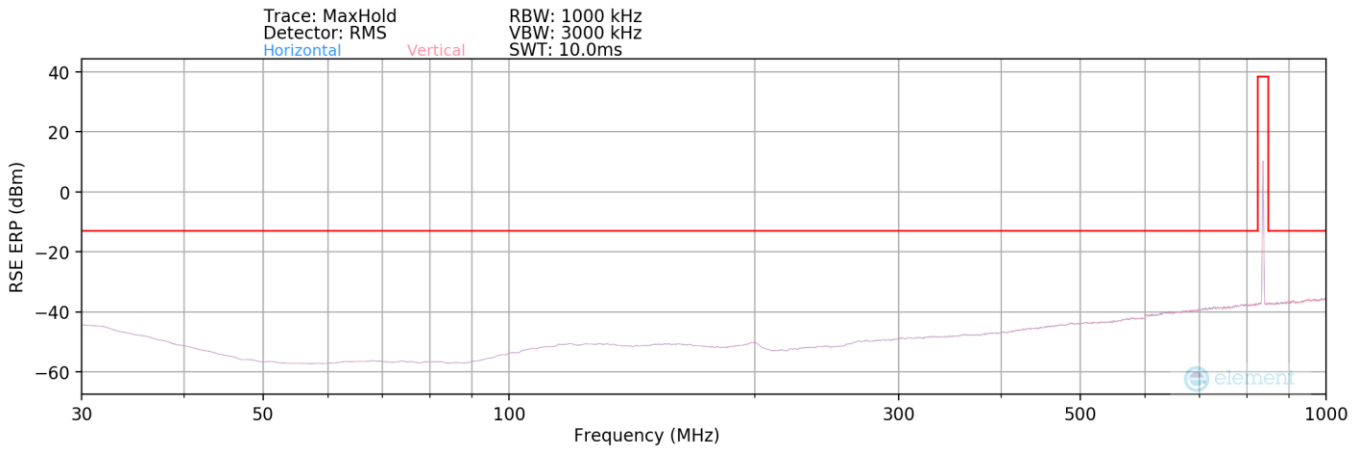
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 301 of 316



EN-DC NR Band n66 ANT F- LTE B5



Plot 7-497. Radiated Spurious Plot (NR Band n66 ANT F- LTE B5)



Plot 7-498. Radiated Spurious Plot (NR Band n66 ANT F- LTE B5)

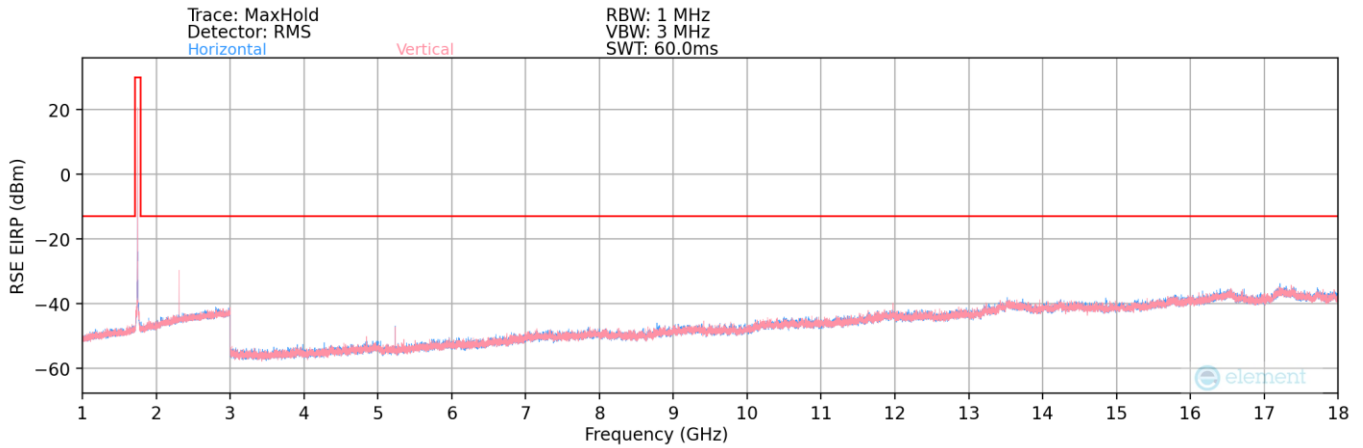
Bandwidth (MHz):	40 & 10
Frequency (MHz):	1745 & 836.5
RB / Offset:	1/108 & 1/25
Mode:	EN-DC
Anchor Band:	5

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]
216.00	H	-	-	-108.56	18.00	16.44	-78.82	-13.00	-65.82
1768.50	V	-	-	-76.31	0.37	31.06	-64.20	-13.00	-51.20
2581.50	H	140	320	-59.37	4.13	51.76	-43.50	-13.00	-30.50
2653.50	H	139	331	-50.82	4.67	60.85	-34.41	-13.00	-21.41
5379.00	H	-	-	-81.37	12.57	38.20	-57.06	-13.00	-44.06
7052.00	H	-	-	-82.16	16.69	41.53	-53.73	-13.00	-40.73
9489.50	H	-	-	-83.29	39.77	63.48	-31.77	-13.00	-18.77

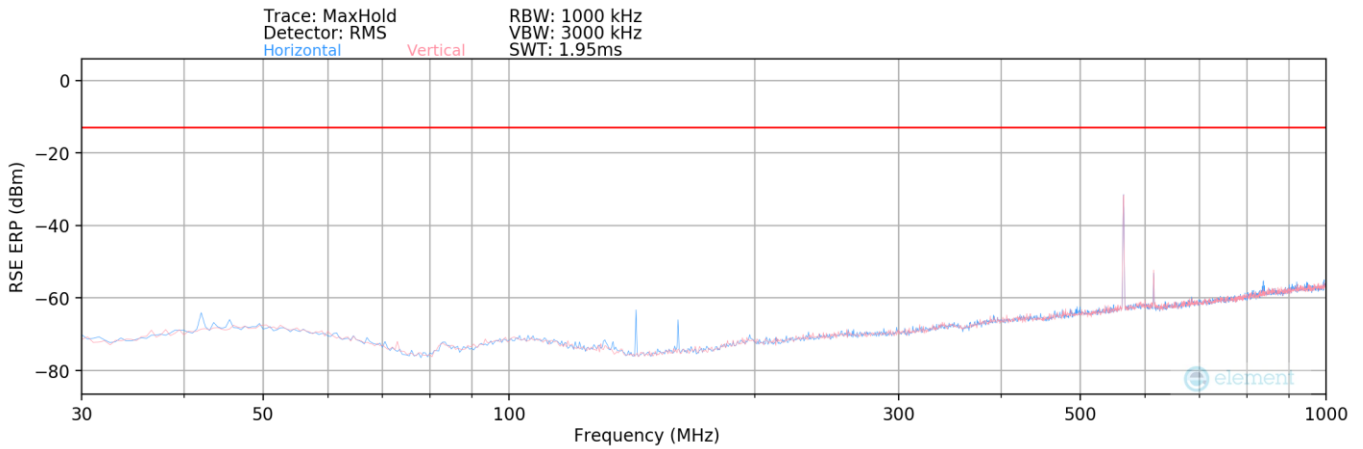
Table 7-67. Radiated Spurious Data (NR Band n66 ANT F- LTE B5)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 302 of 316

EN-DC NR Band n66- LTE B30



Plot 7-499. Radiated Spurious Plot (NR Band n66- LTE B30)



Plot 7-500. Radiated Spurious Plot (NR Band n66- LTE B30)

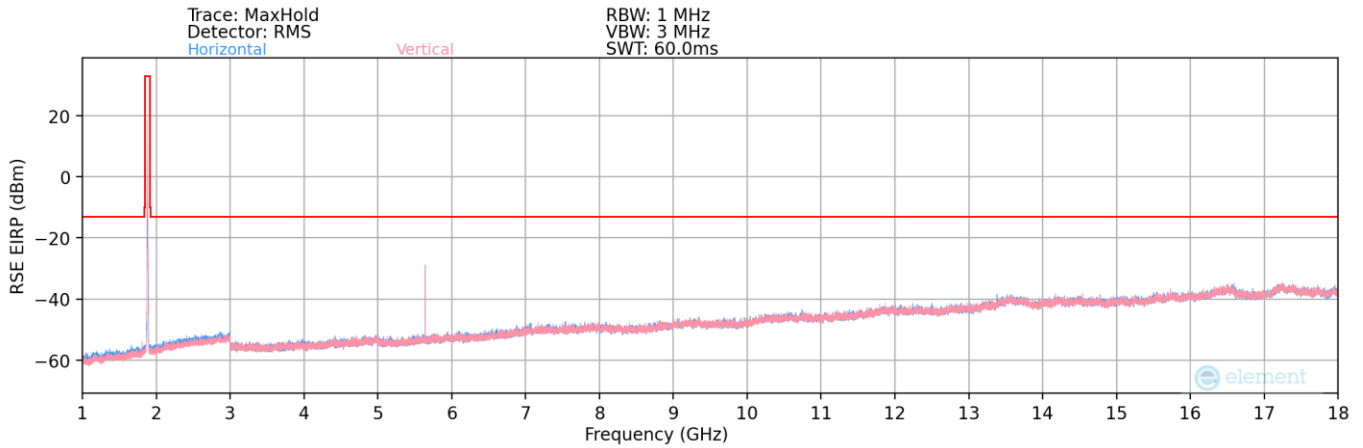
Bandwidth (MHz):	40 & 10
Frequency (MHz):	1745 & 2310
RB / Offset:	1 / 108 & 1 / 25
Mode:	EN-DC
Anchor Band:	B30

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]
565.00	V	382	301	-36.32	-8.70	61.98	-33.28	-13.00	-20.28
4670.00	V	-	-	-69.88	9.23	46.35	-48.91	-13.00	-35.91
5185.00	V	-	-	-68.48	10.42	48.94	-46.31	-13.00	-33.31
6365.00	V	-	-	-67.40	12.06	51.66	-43.60	-13.00	-30.60

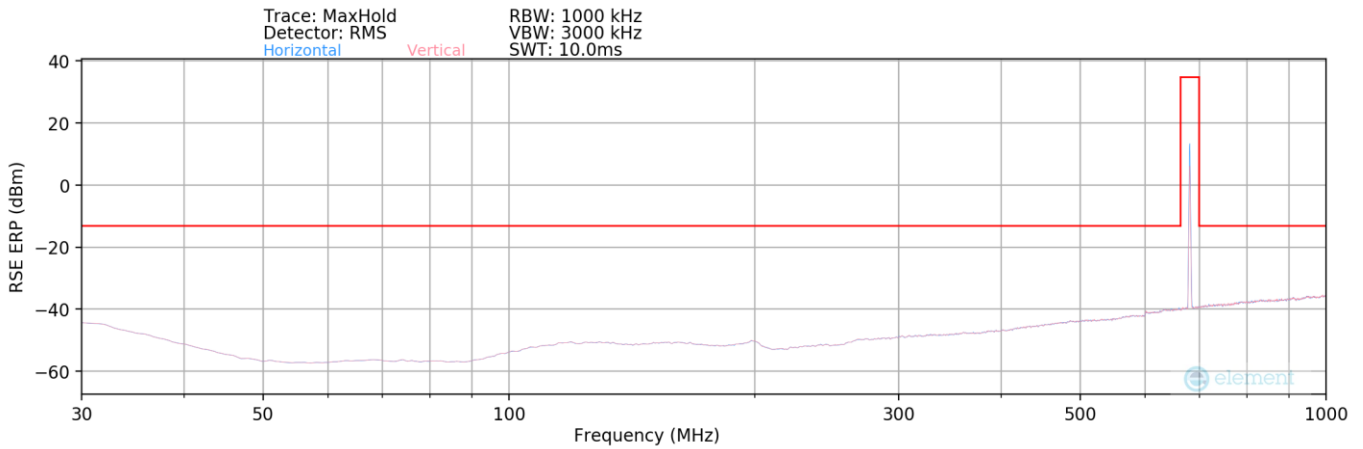
Table 7-68. Radiated Spurious Data (NR Band n66- LTE B30)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 303 of 316

EN-DC NR Band n71- LTE B2



Plot 7-501. Radiated Spurious Plot (NR Band n71- LTE B2)



Plot 7-502. Radiated Spurious Plot (NR Band n71- LTE B2)

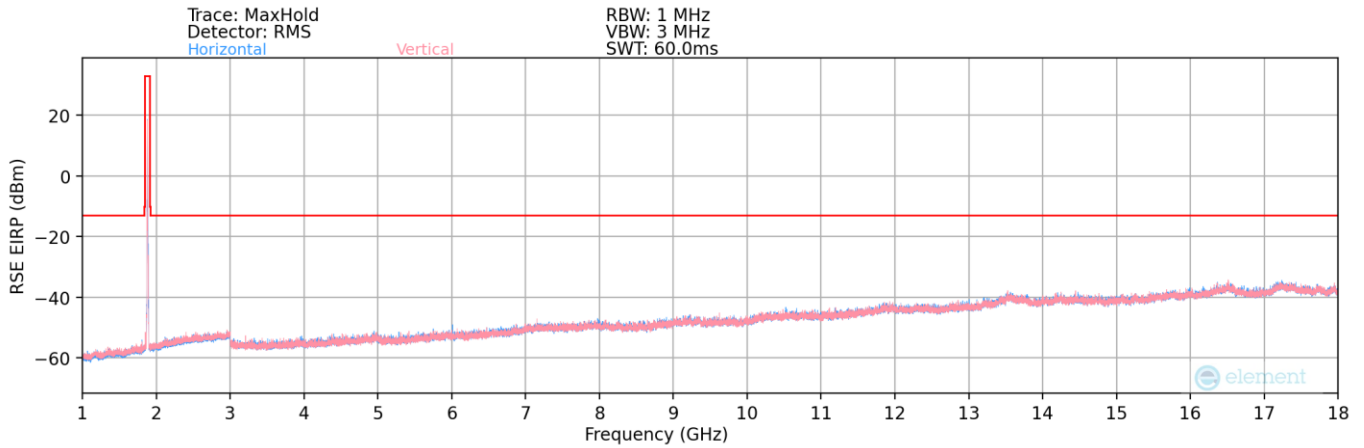
Bandwidth (MHz):	20 & 20
Frequency (MHz):	680.5 & 1882.5
RB / Offset:	1/53 & 1/50
Mode:	EN-DC
Anchor Band:	B2

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]
884.00	H	-	-	-101.25	30.98	36.73	-58.53	-13.00	-45.53
2408.00	H	362	365	-73.52	0.67	34.15	-61.11	-13.00	-48.11
3924.00	H	-	-	-77.10	3.12	33.02	-62.24	-13.00	-49.24
4286.50	H	-	-	-76.52	3.35	33.83	-61.43	-13.00	-48.43
7689.00	H	-	-	-78.13	7.41	36.28	-58.97	-13.00	-45.97

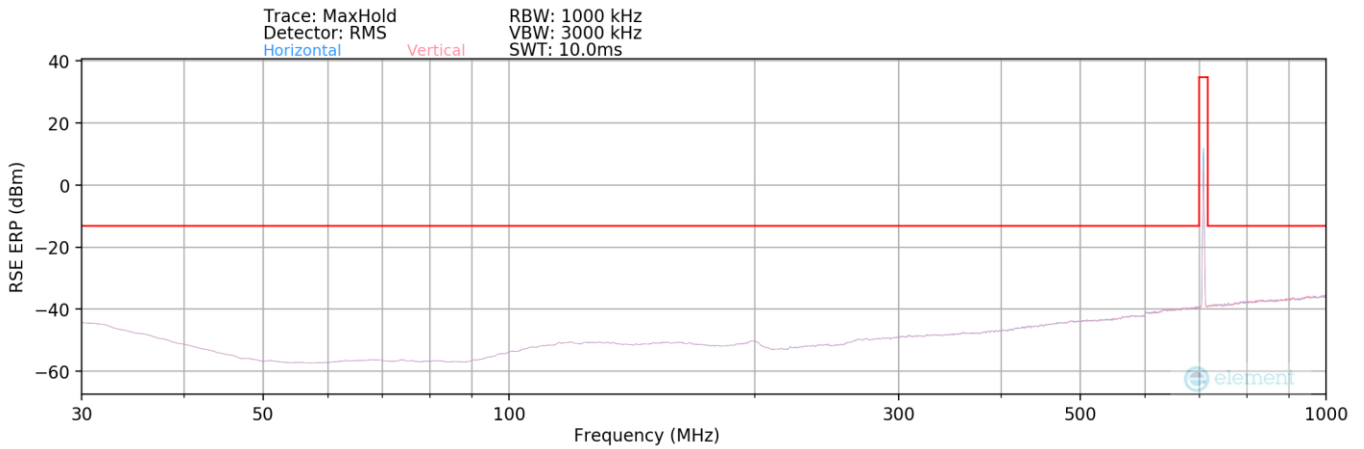
Table 7-69. Radiated Spurious Data (NR Band n71- LTE B2)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 304 of 316

EN-DC NR Band n12- LTE B2



Plot 7-503. Radiated Spurious Plot (NR Band n12- LTE B2)



Plot 7-504. Radiated Spurious Plot (NR Band n12- LTE B2)

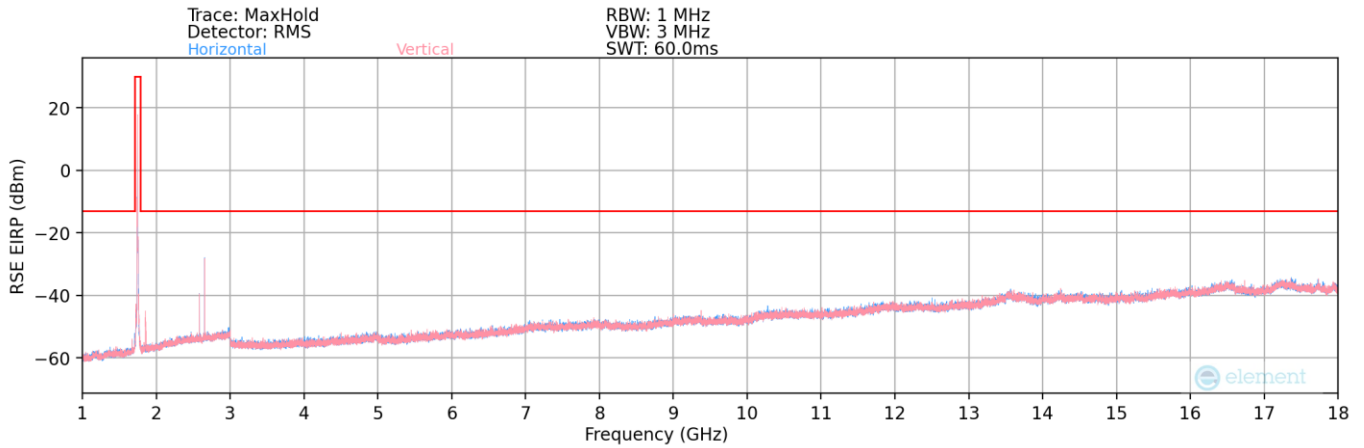
Bandwidth (MHz):	15 & 20
Frequency (MHz):	707.5 & 1880
RB / Offset:	1/39 & 1/50
Mode:	EN-DC
Anchor Band:	2 (Hopping ANT)

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]
485.00	H	-	-	-108.57	25.72	24.15	-71.10	-13.00	-58.10
6105.00	H	-	-	-81.80	12.36	37.56	-57.70	-13.00	-44.70
10572.50	H	-	-	-83.03	19.82	43.79	-51.46	-13.00	-38.46
13625.00	H	-	-	-83.23	24.65	48.42	-46.84	-13.00	-33.84

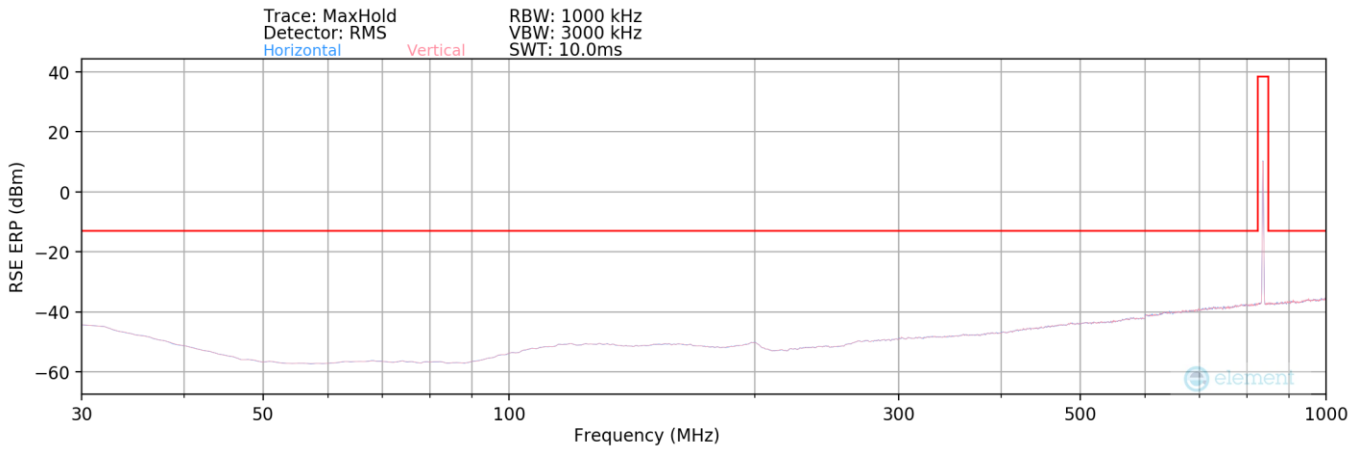
Table 7-70. Radiated Spurious Data (NR Band n12- LTE B2)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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EN-DC NR Band n66 ANT F- LTE B5



Plot 7-505. Radiated Spurious Plot (NR Band n66 ANT F- LTE B5)



Plot 7-506. Radiated Spurious Plot (NR Band n66 ANT F- LTE B5)

Bandwidth (MHz):	40 & 10
Frequency (MHz):	1745 & 836.5
RB / Offset:	1/108 & 1/25
Mode:	EN-DC
Anchor Band:	5

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]
216.00	H	-	-	-108.56	18.00	16.44	-78.82	-13.00	-65.82
1768.50	V	-	-	-76.31	0.37	31.06	-64.20	-13.00	-51.20
2581.50	H	140	320	-59.37	4.13	51.76	-43.50	-13.00	-30.50
2653.50	H	139	331	-50.82	4.67	60.85	-34.41	-13.00	-21.41
5379.00	H	-	-	-81.37	12.57	38.20	-57.06	-13.00	-44.06
7052.00	H	-	-	-82.16	16.69	41.53	-53.73	-13.00	-40.73
9489.50	H	-	-	-83.29	39.77	63.48	-31.77	-13.00	-18.77

Table 7-71. Radiated Spurious Data (NR Band n66 ANT F- LTE B5)

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7.9 Frequency Stability / Temperature Variation

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015. The frequency stability of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 27, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI C63.26-2015 – Section 5.6

Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20°C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10°C intervals ranging from -30°C to +50°C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

Test Setup

The EUT was connected via an RF cable to a spectrum analyzer with the EUT placed inside an environmental chamber.

Test Notes

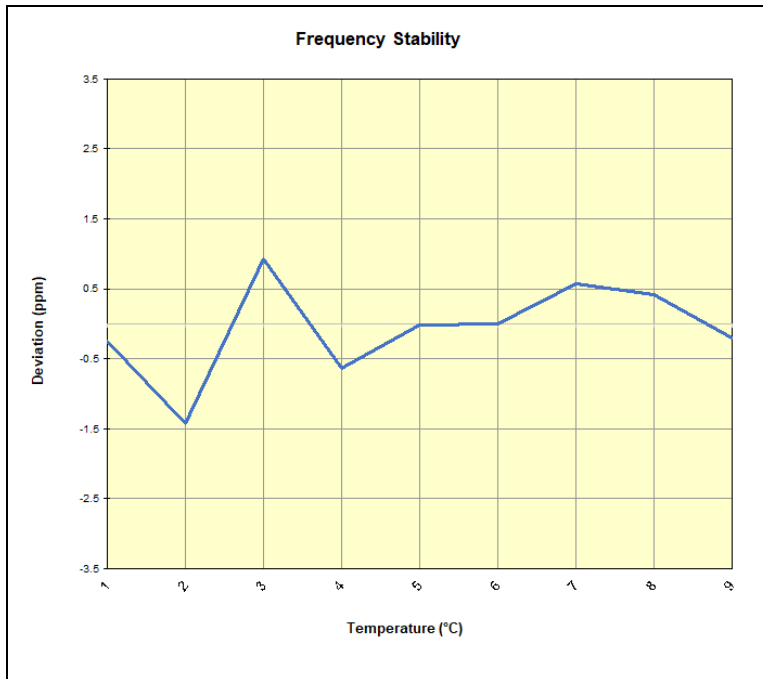
None

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Frequency Stability / Temperature Variation

LTE Band 66/4					
Operating Frequency (Hz):		1,745,000,000			
Ref. Voltage (VDC):		4.28			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	1,745,106,830	-431	-0.0000247
		- 20	1,745,104,774	-2,487	-0.0001425
		- 10	1,745,108,885	1,624	0.0000931
		0	1,745,106,147	-1,114	-0.0000638
		+ 10	1,745,107,244	-17	-0.0000010
		+ 20 (Ref)	1,745,107,261	0	0.0000000
		+ 30	1,745,108,247	986	0.0000565
		+ 40	1,745,107,987	726	0.0000416
		+ 50	1,745,106,897	-364	-0.0000209
Battery Endpoint	3.47	+ 20	1,745,107,987	726	0.0000416

Table 7-72. LTE Band 66/4 Frequency Stability Data



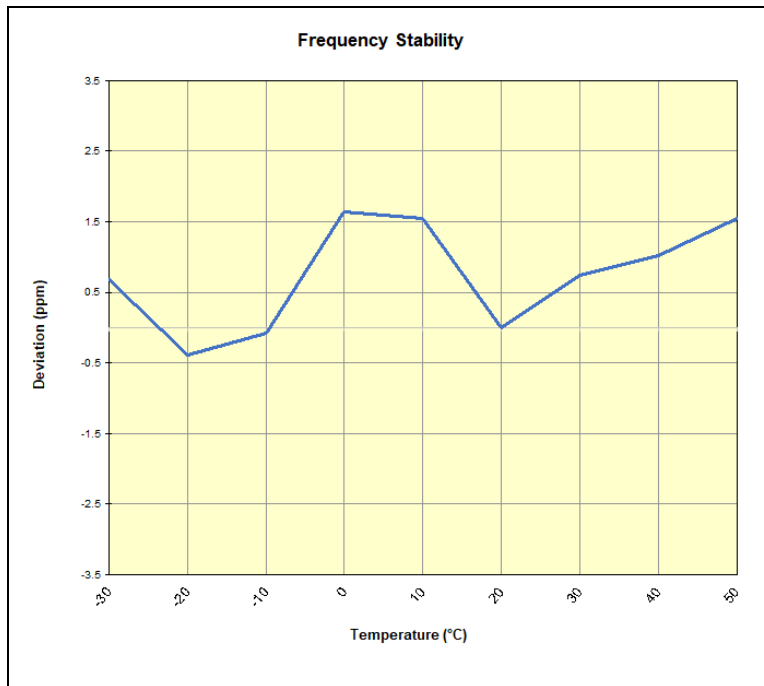
Plot 7-507. LTE Band 66/4 Frequency Stability Chart

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Frequency Stability / Temperature Variation

LTE Band 12					
		Operating Frequency (Hz):		707,500,000	
		Ref. Voltage (VDC):		4.28	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	707,595,641	480	0.0000678
		- 20	707,594,883	-278	-0.0000393
		- 10	707,595,111	-50	-0.0000071
		0	707,596,322	1,161	0.0001641
		+ 10	707,596,255	1,094	0.0001546
		+ 20 (Ref)	707,595,161	0	0.0000000
		+ 30	707,595,689	528	0.0000746
		+ 40	707,595,879	718	0.0001015
Battery Endpoint	3.47	+ 20	707,596,241	1,080	0.0001526

Table 7-73. LTE Band 12 Frequency Stability Data



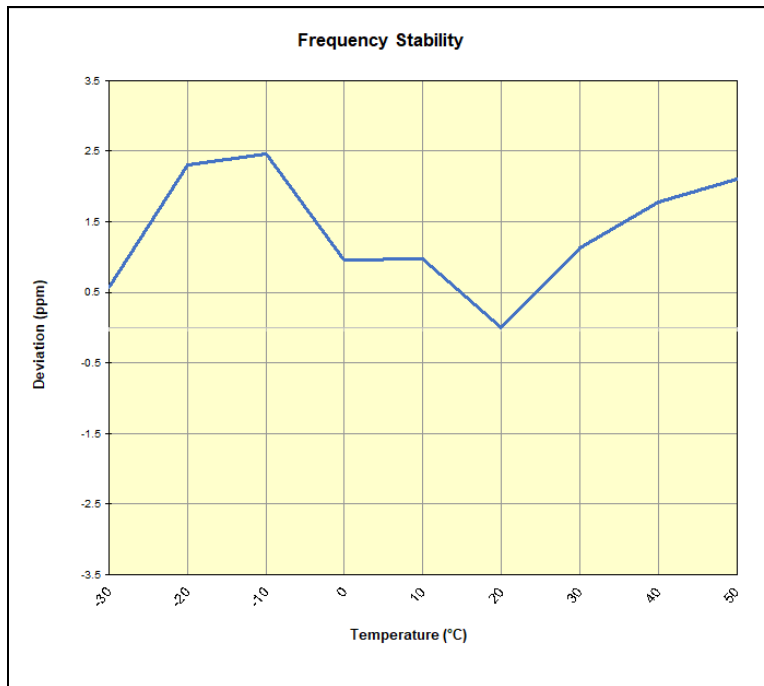
Plot 7-508. LTE Band 12 Frequency Stability Chart

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Frequency Stability / Temperature Variation

LTE Band 13					
		Operating Frequency (Hz):		782,000,000	
		Ref. Voltage (VDC):		4.28	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	782,095,926	443	0.0000566
		- 20	782,097,292	1,809	0.0002313
		- 10	782,097,403	1,920	0.0002455
		0	782,096,239	756	0.0000967
		+ 10	782,096,243	760	0.0000972
		+ 20 (Ref)	782,095,483	0	0.0000000
		+ 30	782,096,364	881	0.0001126
		+ 40	782,096,879	1,396	0.0001785
Battery Endpoint	3.47	+ 20	782,093,580	-1,903	-0.0002433

Table 7-74. LTE Band 13 Frequency Stability Data



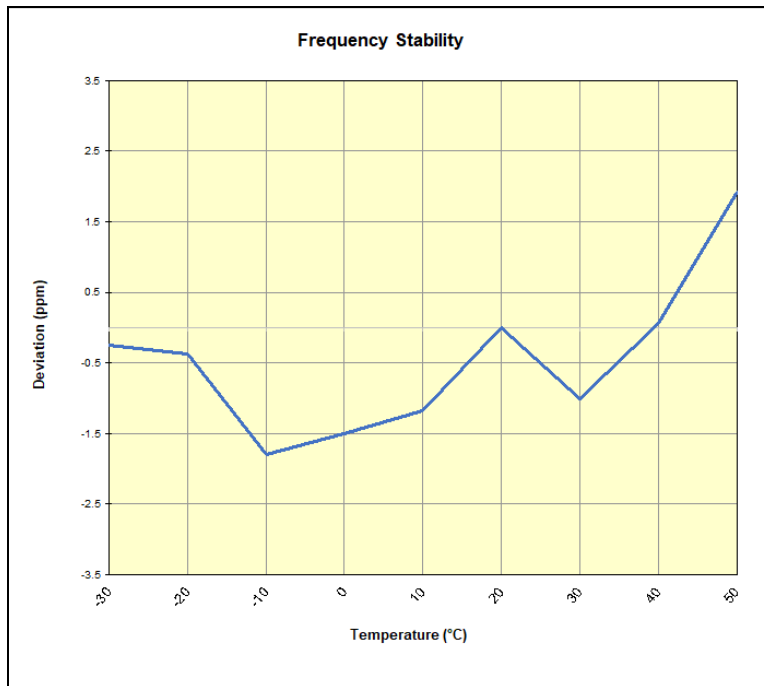
Plot 7-509. LTE Band 13 Frequency Stability Chart

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Frequency Stability / Temperature Variation

LTE Band 71					
		Operating Frequency (Hz):		680,500,000	
		Ref. Voltage (VDC):		4.28	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	680,597,002	-165	-0.0000242
		- 20	680,596,914	-253	-0.0000372
		- 10	680,595,950	-1,217	-0.0001788
		0	680,596,147	-1,020	-0.0001499
		+ 10	680,596,365	-802	-0.0001178
		+ 20 (Ref)	680,597,167	0	0.0000000
		+ 30	680,596,478	-689	-0.0001012
		+ 40	680,597,214	47	0.0000069
Battery Endpoint	3.47	+ 20	680,598,121	954	0.0001402

Table 7-75. LTE Band 71 Frequency Stability Data



Plot 7-510. LTE Band 71 Frequency Stability Chart

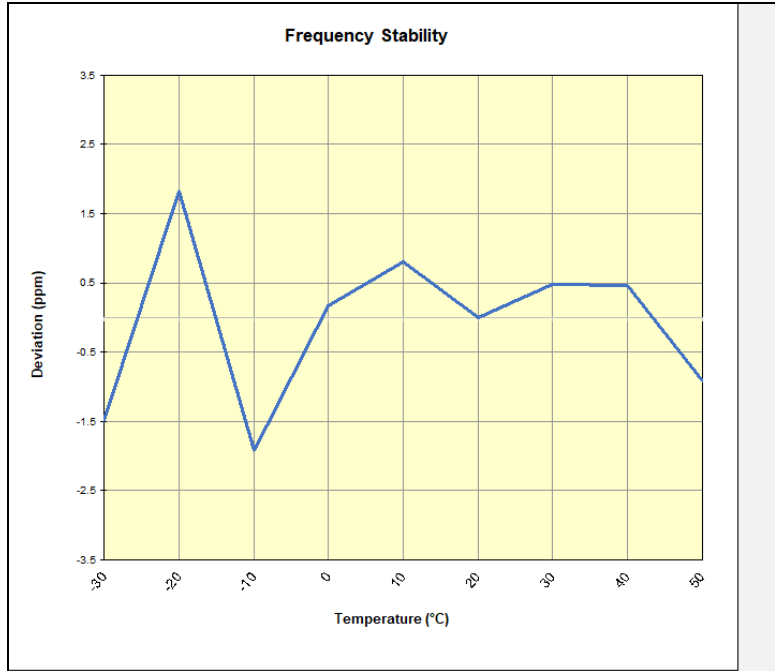
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Frequency Stability / Temperature Variation

NR Band n66					
Operating Frequency (Hz):		1,745,000,000			
Ref. Voltage (VDC):		4.28			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	1,745,099,239	-2,601	-0.0001490
		- 20	1,745,105,017	3,177	0.0001821
		- 10	1,745,098,496	-3,344	-0.0001916
		0	1,745,102,149	309	0.0000177
		+ 10	1,745,103,249	1,409	0.0000807
		+ 20 (Ref)	1,745,101,840	0	0.0000000
		+ 30	1,745,102,687	847	0.0000485
		+ 40	1,745,102,657	817	0.0000468
		+ 50	1,745,100,247	-1,593	-0.0000913
Battery Endpoint	3.47	+ 20	1,745,100,975	-865	-0.0000496

Table 7-76. NR Band n66 Frequency Stability Data



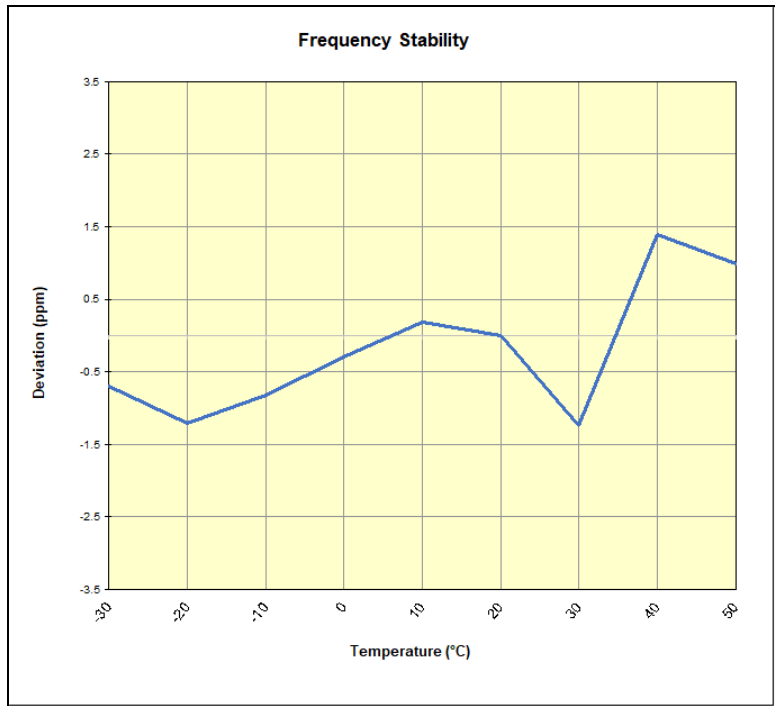
Plot 7-511. NR Band n66 Frequency Stability Chart

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Frequency Stability / Temperature Variation

NR Band n71					
Operating Frequency (Hz):		680,500,000			
Ref. Voltage (VDC):		4.28			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	680,586,719	-476	-0.0000699
		- 20	680,586,378	-817	-0.0001200
		- 10	680,586,634	-561	-0.0000824
		0	680,586,999	-196	-0.0000288
		+ 10	680,587,324	129	0.0000190
		+ 20 (Ref)	680,587,195	0	0.0000000
		+ 30	680,586,347	-848	-0.0001246
		+ 40	680,588,147	952	0.0001399
Battery Endpoint	3.47	+ 20	680,587,689	494	0.0000726

Table 7-77. NR Band n71 Frequency Stability Data



Plot 7-512. NR Band n71 Frequency Stability Chart

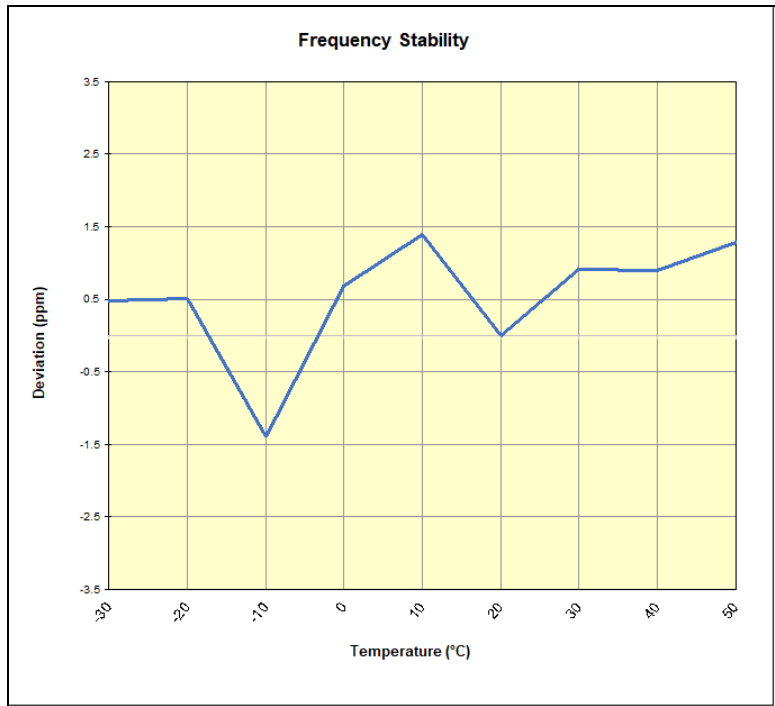
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Frequency Stability / Temperature Variation

NR Band n12					
Operating Frequency (Hz):		707,500,000			
Ref. Voltage (VDC):		4.28			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	707,586,681	338	0.0000478
		- 20	707,586,708	365	0.0000516
		- 10	707,585,355	-988	-0.0001396
		0	707,586,822	479	0.0000677
		+ 10	707,587,324	981	0.0001386
		+ 20 (Ref)	707,586,343	0	0.0000000
		+ 30	707,586,987	644	0.0000910
		+ 40	707,586,978	635	0.0000897
Battery Endpoint	3.47	+ 20	707,587,222	879	0.0001242

Table 7-78. NR Band n12 Frequency Stability Data



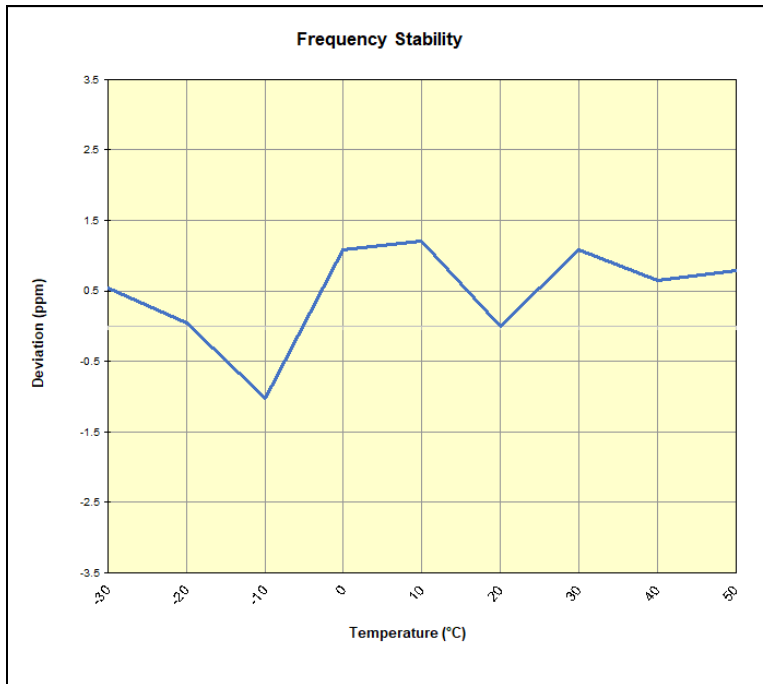
Plot 7-513. NR Band n12 Frequency Stability Chart

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Frequency Stability / Temperature Variation

WCDMA AWS					
Operating Frequency (Hz):		1,732,600,000			
Ref. Voltage (VDC):		4.28			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.28	- 30	1,732,655,047	926	0.0000534
		- 20	1,732,654,199	78	0.0000045
		- 10	1,732,652,356	-1,765	-0.0001019
		0	1,732,655,987	1,866	0.0001077
		+ 10	1,732,656,222	2,101	0.0001213
		+ 20 (Ref)	1,732,654,121	0	0.0000000
		+ 30	1,732,655,999	1,878	0.0001084
		+ 40	1,732,655,247	1,126	0.0000650
Battery Endpoint	3.47	+ 20	1,732,653,698	-423	-0.0000244

Table 7-79. WCDMA AWS Frequency Stability Data



Plot 7-514. WCDMA AWS Frequency Stability Chart

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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMS918U** complies with all the requirements of Part 27 of the FCC rules.

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