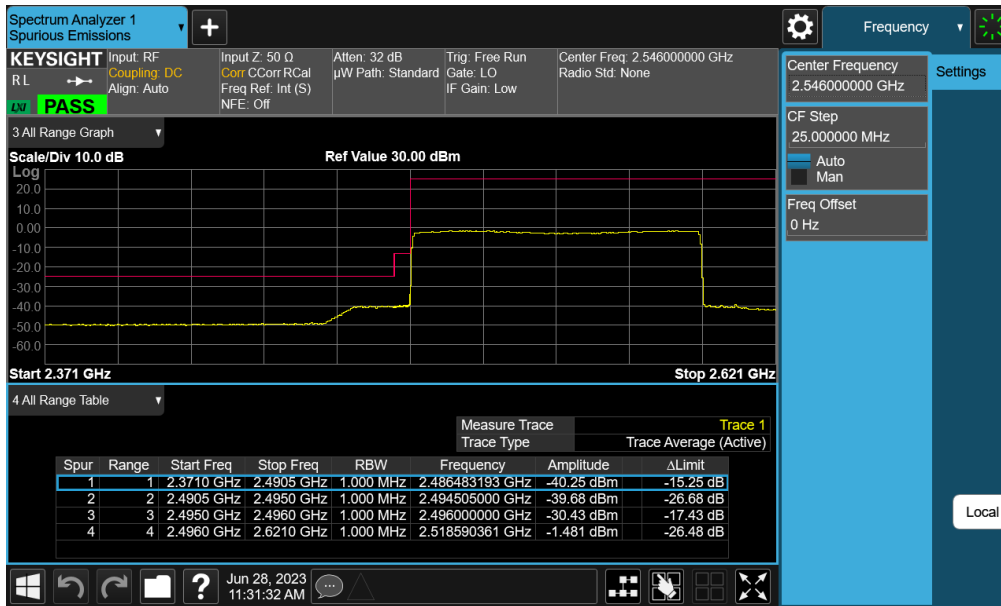
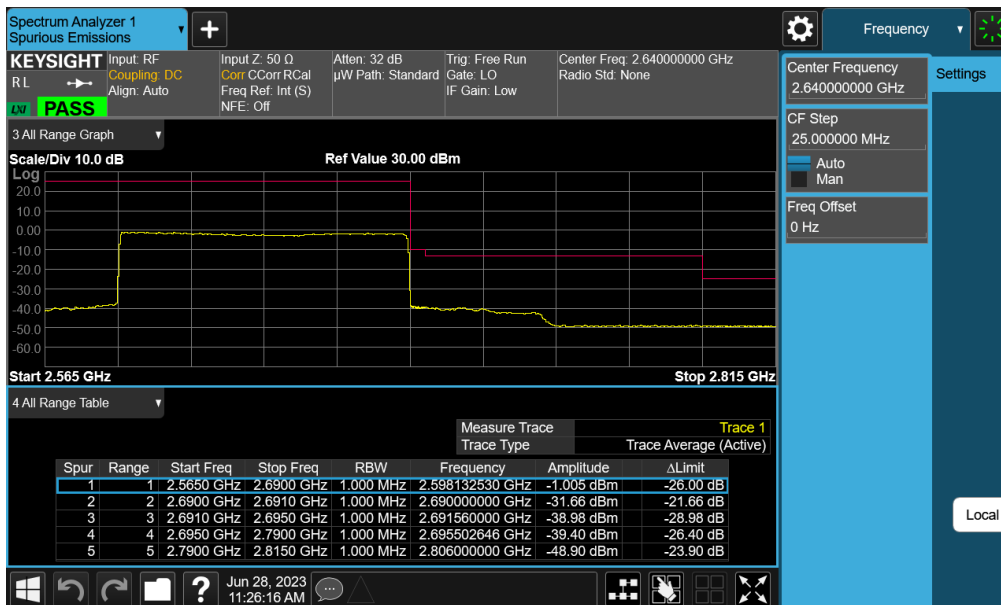


### NR Band n41 – Ant3



Plot 7-219. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant3)



Plot 7-220. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant3)

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n41	100 MHz	Low	Band Edge	-30.79	-25	-5.79
		High	Band Edge	-24.69	-13	-11.69

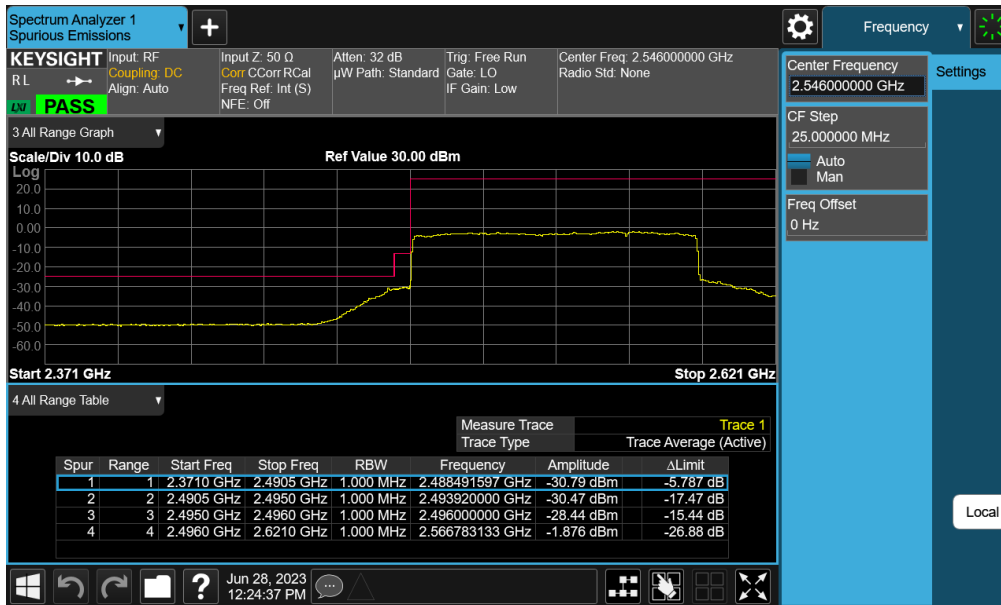
FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
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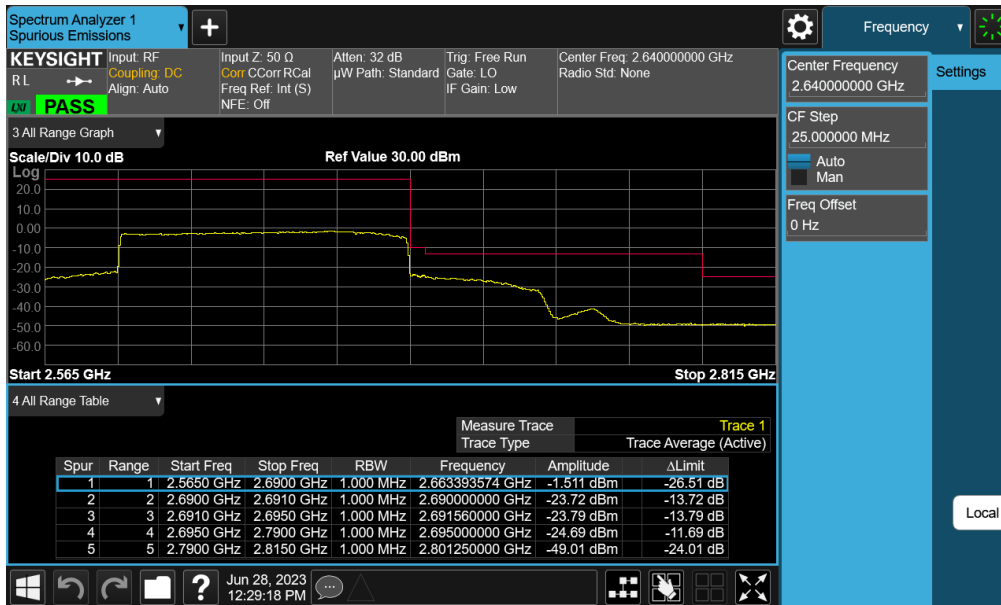
Table 7-221. Band Edge Emissions Test Results (Ant2)

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# NR Band n41 – Ant4



Plot 7-222. Lower ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant4)



Plot 7-223. Upper ACP Plot (NR Band n41 - 100MHz CP-OFDM-QPSK – Full RB - Ant4)

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## 7.6 Radiated Power (EIRP)

### Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

### Test Procedures Used

ANSI C63.26-2015 – Section 5.2.4.4

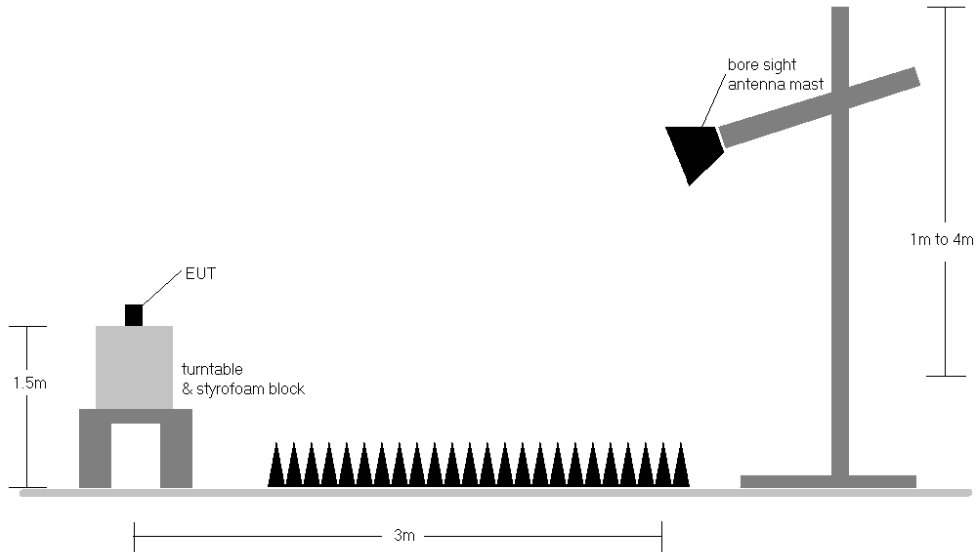
### Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation. For signals with burst transmission, the signal analyzer's "time domain power" measurement capability is used
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW  $\geq$  3 x RBW
4. Span = 1.5 times the OBW
5. No. of sweep points  $\geq$  2 x span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less than or equal to the transmission burst duration.
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signals with burst transmission, the "gating" function was enabled to ensure that measurements are performed during times in which the transmitter is operating at its maximum power.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize.

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## Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-5. Radiated Test Setup >1GHz**

## Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.
- 3) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst-case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	QPSK	2310.0	H	127	171	3.66	1 / 49	19.14	<b>22.80</b>	0.191	23.98	-1.18
	16-QAM	2310.0	H	127	171	3.66	1 / 49	18.32	21.98	0.158	23.98	-2.00
5 MHz	QPSK	2307.5	H	127	171	3.66	1 / 12	19.18	<b>22.84</b>	0.192	23.98	-1.14
	QPSK	2310.0	H	127	171	3.66	1 / 12	19.08	22.74	0.188	23.98	-1.24
	QPSK	2312.5	H	127	171	3.67	1 / 12	19.08	22.75	0.188	23.98	-1.23
	16-QAM	2312.5	H	127	171	3.67	1 / 12	18.41	22.08	0.161	23.98	-1.90
10 MHz	WCP	2310.0	H	110	184	3.66	1 / 24	18.27	21.93	0.156	23.98	-2.05

Table 7-2. EIRP Data (LTE Band 30 – Ant1)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	2510.0	H	150	232	4.18	1 / 99	18.87	23.05	0.202	33.01	-9.96
	QPSK	2535.0	H	142	222	4.19	1 / 99	19.80	<b>23.99</b>	0.250	33.01	-9.02
	QPSK	2560.0	H	139	234	4.15	1 / 50	19.66	23.81	0.240	33.01	-9.20
	16-QAM	2535.0	H	142	222	4.19	1 / 99	18.96	23.15	0.206	33.01	-9.86
15 MHz	QPSK	2507.5	H	150	232	4.17	1 / 37	18.96	23.14	0.206	33.01	-9.87
	QPSK	2535.0	H	142	222	4.19	1 / 37	19.77	<b>23.96</b>	0.249	33.01	-9.05
	QPSK	2562.5	H	139	234	4.14	1 / 37	19.47	23.61	0.229	33.01	-9.40
	16-QAM	2535.0	H	142	222	4.19	1 / 37	18.95	23.14	0.206	33.01	-9.87
10 MHz	QPSK	2505.0	H	150	232	4.17	1 / 25	18.93	23.11	0.204	33.01	-9.90
	QPSK	2535.0	H	142	222	4.19	1 / 0	19.88	<b>24.07</b>	0.255	33.01	-8.94
	QPSK	2565.0	H	139	234	4.13	1 / 25	19.52	23.65	0.232	33.01	-9.36
	16-QAM	2565.0	H	139	234	4.13	1 / 0	19.25	23.38	0.218	33.01	-9.63
5 MHz	QPSK	2502.5	H	150	232	4.17	1 / 12	18.86	23.04	0.201	33.01	-9.97
	QPSK	2535.0	H	142	222	4.19	1 / 12	19.87	<b>24.06</b>	0.254	33.01	-8.95
	QPSK	2567.5	H	139	234	4.11	1 / 12	19.55	23.67	0.233	33.01	-9.34
	16-QAM	2567.5	H	139	234	4.11	1 / 0	19.16	23.28	0.213	33.01	-9.73
20 MHz	WCP	2535.0	H	145	221	4.19	1 / 99	17.98	22.17	0.165	33.01	-10.84

Table 7-3. EIRP Data (LTE Band 7 – Ant1)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	2506.0	H	110	232	4.17	1 / 50	21.79	25.96	0.395	33.01	-7.05
	QPSK	2593.0	H	107	234	4.00	1 / 0	22.11	26.11	0.408	33.01	-6.90
	QPSK	2680.0	H	121	231	4.50	1 / 50	21.85	<b>26.35</b>	0.432	33.01	-6.66
	16-QAM	2680.0	H	121	231	4.50	1 / 50	21.13	25.63	0.366	33.01	-7.38
15 MHz	QPSK	2503.5	H	110	232	4.17	1 / 37	21.87	26.04	0.402	33.01	-6.97
	QPSK	2593.0	H	107	234	4.00	1 / 0	22.11	26.11	0.408	33.01	-6.90
	QPSK	2682.5	H	121	231	4.51	1 / 37	21.75	<b>26.26</b>	0.423	33.01	-6.75
	16-QAM	2593.0	H	107	234	4.00	1 / 37	21.55	25.55	0.359	33.01	-7.46
10 MHz	QPSK	2501.0	H	110	232	4.17	1 / 0	21.92	26.09	0.407	33.01	-6.92
	QPSK	2593.0	H	107	234	4.00	1 / 0	22.12	26.12	0.409	33.01	-6.89
	QPSK	2685.0	H	121	231	4.52	1 / 0	21.81	<b>26.33</b>	0.430	33.01	-6.68
	16-QAM	2685.0	H	121	231	4.52	1 / 25	21.03	25.55	0.359	33.01	-7.46
5 MHz	QPSK	2498.5	H	110	232	4.16	1 / 12	21.85	26.01	0.399	33.01	-7.00
	QPSK	2593.0	H	107	234	4.00	1 / 12	22.14	26.14	0.411	33.01	-6.87
	QPSK	2687.5	H	121	231	4.53	1 / 12	21.86	<b>26.39</b>	0.436	33.01	-6.62
	16-QAM	2687.5	H	121	231	4.53	1 / 12	21.02	25.55	0.359	33.01	-7.46
20 MHz	WCP	2680.0	H	102	230	4.50	1 / 99	21.22	25.72	0.373	33.01	-7.29

Table 7-4. EIRP Data (LTE Band 41(PC2) – Ant1)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	2506.0	H	158	221	4.17	1 / 99	20.36	24.53	0.284	33.01	-8.48
	QPSK	2593.0	H	112	231	4.00	1 / 99	20.84	<b>24.84</b>	0.305	33.01	-8.17
	QPSK	2680.0	H	102	235	4.50	1 / 0	20.31	24.81	0.303	33.01	-8.20
	16-QAM	2680.0	H	102	235	4.50	1 / 0	19.42	23.92	0.247	33.01	-9.09
15 MHz	QPSK	2503.5	H	158	221	4.17	1 / 0	20.33	24.50	0.282	33.01	-8.51
	QPSK	2593.0	H	112	231	4.00	1 / 0	20.78	<b>24.78</b>	0.301	33.01	-8.23
	QPSK	2682.5	H	102	235	4.51	1 / 0	20.24	24.75	0.299	33.01	-8.26
	16-QAM	2682.5	H	102	235	4.51	1 / 37	19.25	23.76	0.238	33.01	-9.25
10 MHz	QPSK	2501.0	H	158	221	4.17	1 / 25	20.53	24.70	0.295	33.01	-8.31
	QPSK	2593.0	H	112	231	4.00	1 / 25	20.95	<b>24.95</b>	0.313	33.01	-8.06
	QPSK	2685.0	H	102	235	4.52	1 / 25	20.33	24.85	0.306	33.01	-8.16
	16-QAM	2685.0	H	102	235	4.52	1 / 25	19.47	23.99	0.251	33.01	-9.02
5 MHz	QPSK	2498.5	H	158	221	4.16	1 / 12	20.53	24.69	0.295	33.01	-8.32
	QPSK	2593.0	H	112	231	4.00	1 / 12	20.98	<b>24.98</b>	0.315	33.01	-8.03
	QPSK	2687.5	H	102	235	4.53	1 / 12	20.35	24.88	0.308	33.01	-8.13
	16-QAM	2593.0	H	112	231	4.00	1 / 12	19.94	23.94	0.248	33.01	-9.07

Table 7-5. EIRP Data (LTE Band 41(PC3)/38 – Ant1)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	$\pi/2$ BPSK	2310.0	V	153	301	3.57	1 / 26	18.70	22.27	0.169	23.98	-1.71
	QPSK	2310.0	V	153	301	3.57	1 / 26	18.73	<b>22.30</b>	0.170	23.98	-1.68
	16-QAM	2310.0	V	153	301	3.57	1 / 26	17.85	21.42	0.139	23.98	-2.56
5 MHz	$\pi/2$ BPSK	2307.5	V	153	301	3.57	1 / 18	18.76	22.33	0.171	23.98	-1.65
	$\pi/2$ BPSK	2310.0	V	153	301	3.57	1 / 18	18.62	22.19	0.166	23.98	-1.79
	$\pi/2$ BPSK	2312.5	V	153	301	3.58	1 / 18	18.82	<b>22.40</b>	0.174	23.98	-1.58
	QPSK	2307.5	V	153	301	3.57	1 / 18	18.60	22.16	0.165	23.98	-1.81
	QPSK	2310.0	V	153	301	3.57	1 / 18	18.58	22.15	0.164	23.98	-1.83
	QPSK	2312.5	V	153	301	3.58	1 / 18	18.70	22.28	0.169	23.98	-1.70
	16-QAM	2312.5	V	153	301	3.58	1 / 18	17.80	21.37	0.137	23.98	-2.61
10 MHz	QPSK (CP-OFDM)	2310.0	V	153	301	3.57	1 / 26	17.23	20.80	0.120	23.98	-3.18
	WCP	2310.0	V	141	310	3.57	1 / 13	10.85	14.42	0.028	23.98	-9.56

Table 7-6. EIRP Data (NR Band n30 – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	π/2 BPSK	2546.01	H	146	221	4.19	1 / 1	21.81	26.00	0.398	33.01	-7.01
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 136	21.95	25.95	0.393	33.01	-7.06
	π/2 BPSK	2640.00	H	137	220	4.31	1 / 1	22.62	<b>26.93</b>	0.493	33.01	-6.08
	QPSK	2546.01	H	146	221	4.19	1 / 1	21.19	25.38	0.345	33.01	-7.63
	QPSK	2592.99	H	141	222	4.00	1 / 136	22.32	26.32	0.428	33.01	-6.69
	QPSK	2640.00	H	137	220	4.31	1 / 1	22.31	26.62	0.459	33.01	-6.39
90 MHz	16-QAM	2592.99	H	141	222	4.00	1 / 136	20.67	24.67	0.293	33.01	-8.34
	π/2 BPSK	2541.00	H	146	221	4.19	1 / 243	21.79	25.98	0.396	33.01	-7.03
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 243	21.99	25.99	0.397	33.01	-7.02
	π/2 BPSK	2644.98	H	137	220	4.36	1 / 1	22.53	<b>26.88</b>	0.488	33.01	-6.13
	QPSK	2541.00	H	146	221	4.19	1 / 243	21.13	25.32	0.341	33.01	-7.69
	QPSK	2592.99	H	141	222	4.00	1 / 243	22.30	26.30	0.426	33.01	-6.71
80 MHz	QPSK	2644.98	H	137	220	4.36	1 / 1	22.21	26.56	0.453	33.01	-6.45
	16-QAM	2644.98	H	137	220	4.36	1 / 1	20.90	25.25	0.335	33.01	-7.76
	π/2 BPSK	2536.02	H	146	221	4.19	1 / 108	21.80	25.99	0.397	33.01	-7.02
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 108	21.89	25.89	0.388	33.01	-7.12
	π/2 BPSK	2649.99	H	137	220	4.40	1 / 1	22.37	26.77	0.476	33.01	-6.24
	QPSK	2536.02	H	146	221	4.19	1 / 108	21.04	25.23	0.334	33.01	-7.78
70 MHz	QPSK	2592.99	H	141	222	4.00	1 / 108	22.25	26.25	0.422	33.01	-6.76
	QPSK	2649.99	H	137	220	4.40	1 / 1	22.23	26.63	0.461	33.01	-6.38
	16-QAM	2649.99	H	137	220	4.40	1 / 1	20.81	25.21	0.332	33.01	-7.80
	π/2 BPSK	2531.01	H	146	221	4.18	1 / 94	21.87	26.05	0.403	33.01	-6.96
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 187	21.92	25.92	0.391	33.01	-7.09
	π/2 BPSK	2655.00	H	137	220	4.42	1 / 1	22.57	<b>26.98</b>	0.499	33.01	-6.03
60 MHz	QPSK	2531.01	H	146	221	4.18	1 / 94	21.10	25.28	0.337	33.01	-7.73
	QPSK	2592.99	H	141	222	4.00	1 / 187	22.29	26.29	0.426	33.01	-6.72
	QPSK	2655.00	H	137	220	4.42	1 / 1	22.32	26.73	0.471	33.01	-6.28
	16-QAM	2655.00	H	137	220	4.42	1 / 1	20.82	25.23	0.334	33.01	-7.78
	π/2 BPSK	2526.00	H	146	221	4.18	1 / 1	21.98	26.16	0.413	33.01	-6.85
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 160	22.09	26.09	0.406	33.01	-6.92
50 MHz	π/2 BPSK	2659.98	H	137	220	4.43	1 / 1	22.57	<b>27.00</b>	0.502	33.01	-6.01
	QPSK	2526.00	H	146	221	4.18	1 / 1	21.21	25.39	0.346	33.01	-7.62
	QPSK	2592.99	H	141	222	4.00	1 / 160	22.39	26.39	0.435	33.01	-6.62
	QPSK	2659.98	H	137	220	4.43	1 / 1	22.32	26.75	0.473	33.01	-6.26
	16-QAM	2659.98	H	137	220	4.43	1 / 1	20.96	25.39	0.346	33.01	-7.62
	π/2 BPSK	2521.02	H	146	221	4.18	1 / 66	22.15	26.33	0.430	33.01	-6.68
40 MHz	π/2 BPSK	2592.99	H	141	222	4.00	1 / 131	22.22	26.22	0.419	33.01	-6.79
	π/2 BPSK	2664.99	H	137	220	4.45	1 / 66	22.48	<b>26.93</b>	0.493	33.01	-6.08
	QPSK	2521.02	H	146	221	4.18	1 / 66	21.30	25.48	0.353	33.01	-7.53
	QPSK	2592.99	H	141	222	4.00	1 / 131	22.49	26.49	0.446	33.01	-6.52
	QPSK	2664.99	H	137	220	4.45	1 / 66	22.29	26.74	0.472	33.01	-6.27
	16-QAM	2664.99	H	137	220	4.45	1 / 66	20.87	25.32	0.341	33.01	-7.69
30 MHz	π/2 BPSK	2516.01	H	146	221	4.18	1 / 104	22.20	26.38	0.435	33.01	-6.63
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 104	22.36	26.36	0.432	33.01	-6.65
	π/2 BPSK	2670.00	H	137	220	4.47	1 / 1	22.73	<b>27.19</b>	0.524	33.01	-5.82
	QPSK	2516.01	H	146	221	4.18	1 / 104	21.39	25.57	0.361	33.01	-7.44
	QPSK	2592.99	H	141	222	4.00	1 / 104	22.69	26.69	0.467	33.01	-6.32
	QPSK	2670.00	H	137	220	4.47	1 / 1	22.34	26.80	0.479	33.01	-6.21
20 MHz	16-QAM	2670.00	H	137	220	4.47	1 / 1	21.06	25.52	0.357	33.01	-7.49
	π/2 BPSK	2511.00	H	146	221	4.18	1 / 76	22.20	26.37	0.434	33.01	-6.64
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 76	22.30	26.30	0.426	33.01	-6.71
	π/2 BPSK	2674.98	H	137	220	4.48	1 / 1	22.53	<b>27.01</b>	0.503	33.01	-6.00
	QPSK	2511.00	H	146	221	4.18	1 / 76	21.36	25.53	0.357	33.01	-7.48
	QPSK	2592.99	H	141	222	4.00	1 / 76	22.60	26.60	0.457	33.01	-6.41
100 MHz	QPSK	2674.98	H	137	220	4.48	1 / 1	22.24	26.72	0.470	33.01	-6.29
	16-QAM	2674.98	H	137	220	4.48	1 / 1	20.85	25.33	0.341	33.01	-7.68
	π/2 BPSK	2506.02	H	146	221	4.17	1 / 49	22.06	26.23	0.420	33.01	-6.78
	π/2 BPSK	2592.99	H	141	222	4.00	1 / 49	22.13	26.13	0.410	33.01	-6.88
	π/2 BPSK	2679.99	H	137	220	4.50	1 / 1	22.33	<b>26.83</b>	0.482	33.01	-6.18
	QPSK	2506.02	H	146	221	4.17	1 / 49	21.25	25.42	0.348	33.01	-7.59
100 MHz	QPSK	2592.99	H	141	222	4.00	1 / 49	22.57	26.57	0.454	33.01	-6.44
	QPSK	2679.99	H	137	220	4.50	1 / 1	22.04	26.54	0.451	33.01	-6.47
	16-QAM	2679.99	H	137	220	4.50	1 / 1	20.76	25.26	0.336	33.01	-7.75
100 MHz	QPSK (CP-OFDM)	2640.00	H	141	219	4.31	1 / 1	20.91	25.22	0.333	33.01	-7.79
	QPSK (WCP)	2640.00	H	154	182	4.31	1 / 136	21.82	26.13	0.410	33.01	-6.88

Table 7-7. EIRP Data (NR Band n41 – Ant1)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	QPSK	2310.0	H	114	343	3.66	1 / 0	17.04	<b>20.70</b>	0.118	23.98	-3.28
	16-QAM	2310.0	H	114	343	3.66	1 / 0	16.32	19.98	0.100	23.98	-4.00
5 MHz	QPSK	2307.5	H	114	343	3.66	1 / 0	17.04	20.69	0.117	23.98	-3.29
	QPSK	2310.0	H	114	343	3.66	1 / 12	17.06	<b>20.72</b>	0.118	23.98	-3.26
	QPSK	2312.5	H	114	343	3.67	1 / 0	16.96	20.63	0.116	23.98	-3.35
	16-QAM	2307.5	H	114	343	3.66	1 / 0	16.44	20.09	0.102	23.98	-3.89
10 MHz	WCP	2310.0	H	109	339	3.66	1 / 0	16.53	20.19	0.105	23.98	-3.79

Table 7-8. EIRP Data (LTE Band 30 – Ant2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	2510.0	H	145	322	4.18	1 / 99	15.50	19.68	0.093	33.01	-13.33
	QPSK	2535.0	H	142	321	4.19	1 / 50	16.54	<b>20.73</b>	0.118	33.01	-12.28
	QPSK	2560.0	H	133	329	4.15	1 / 50	15.59	19.74	0.094	33.01	-13.27
	16-QAM	2535.0	H	142	321	4.19	1 / 50	15.81	20.00	0.100	33.01	-13.01
15 MHz	QPSK	2507.5	H	145	322	4.17	1 / 0	15.63	19.81	0.096	33.01	-13.20
	QPSK	2535.0	H	142	321	4.19	1 / 0	16.66	<b>20.85</b>	0.122	33.01	-12.16
	QPSK	2562.5	H	133	329	4.14	1 / 74	15.55	19.69	0.093	33.01	-13.32
	16-QAM	2535.0	H	142	321	4.19	1 / 0	15.71	19.90	0.098	33.01	-13.11
10 MHz	QPSK	2505.0	H	145	322	4.17	1 / 0	15.61	19.79	0.095	33.01	-13.22
	QPSK	2535.0	H	142	321	4.19	1 / 0	16.71	<b>20.90</b>	0.123	33.01	-12.11
	QPSK	2565.0	H	133	329	4.13	1 / 49	15.72	19.85	0.097	33.01	-13.16
	16-QAM	2535.0	H	142	321	4.19	1 / 25	15.69	19.88	0.097	33.01	-13.13
5 MHz	QPSK	2502.5	H	145	322	4.17	1 / 12	15.56	19.74	0.094	33.01	-13.27
	QPSK	2535.0	H	142	321	4.19	1 / 12	16.62	<b>20.81</b>	0.120	33.01	-12.20
	QPSK	2567.5	H	133	329	4.11	1 / 12	15.72	19.84	0.096	33.01	-13.17
	16-QAM	2535.0	H	142	321	4.19	1 / 0	15.74	19.93	0.098	33.01	-13.08
20 MHz	WCP	2535.0	H	123	280	4.19	1 / 50	13.06	17.25	0.053	33.01	-15.76

Table 7-9. EIRP Data (LTE Band 7 – Ant2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	2510.0	H	117	335	4.18	1 / 99	15.85	20.03	0.101	33.01	-12.98
	QPSK	2593.0	H	114	318	4.00	1 / 25	17.18	<b>21.18</b>	0.131	33.01	-11.83
	QPSK	2680.0	H	103	322	4.50	1 / 25	14.14	18.64	0.073	33.01	-14.37
	16-QAM	2593.0	H	114	318	4.00	1 / 0	16.29	20.29	0.107	33.01	-12.72
15 MHz	QPSK	2507.5	H	117	335	4.17	1 / 37	15.08	19.25	0.084	33.01	-13.76
	QPSK	2593.0	H	114	318	4.00	1 / 37	16.55	<b>20.55</b>	0.114	33.01	-12.46
	QPSK	2682.5	H	103	322	4.51	1 / 37	13.44	17.95	0.062	33.01	-15.06
	16-QAM	2593.0	H	114	318	4.00	1 / 37	16.10	20.10	0.102	33.01	-12.91
10 MHz	QPSK	2505.0	H	117	335	4.17	1 / 25	15.80	19.97	0.099	33.01	-13.04
	QPSK	2593.0	H	114	318	4.00	1 / 49	16.18	20.18	0.104	33.01	-12.83
	QPSK	2685.0	H	103	322	4.52	1 / 25	14.02	18.54	0.071	33.01	-14.47
	16-QAM	2593.0	H	114	318	4.00	1 / 25	16.19	<b>20.19</b>	0.104	33.01	-12.83
5 MHz	QPSK	2502.5	H	117	335	4.17	1 / 12	15.88	20.05	0.101	33.01	-12.96
	QPSK	2593.0	H	114	318	4.00	1 / 12	16.99	<b>20.99</b>	0.126	33.01	-12.02
	QPSK	2687.5	H	103	322	4.53	1 / 12	14.01	18.54	0.071	33.01	-14.47
	16-QAM	2593.0	H	114	318	4.00	1 / 24	16.31	20.31	0.107	33.01	-12.70
20 MHz	WCP	2593.0	H	227	341	4.00	1 / 0	16.29	20.29	0.107	33.01	-12.72

Table 7-10. EIRP Data (LTE Band 41(PC2) – Ant2)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	2510.0	H	119	338	4.17	1 / 50	15.40	19.57	0.091	33.01	-13.44
	QPSK	2593.0	H	108	320	4.00	1 / 0	16.60	<b>20.60</b>	0.115	33.01	-12.41
	QPSK	2680.0	H	102	316	4.50	1 / 0	13.69	18.19	0.066	33.01	-14.82
	16-QAM	2593.0	H	108	320	4.00	1 / 0	15.52	19.52	0.090	33.01	-13.49
15 MHz	QPSK	2507.5	H	119	338	4.17	1 / 37	15.42	19.59	0.091	33.01	-13.42
	QPSK	2593.0	H	108	320	4.00	1 / 74	16.57	<b>20.57</b>	0.114	33.01	-12.44
	QPSK	2682.5	H	102	316	4.51	1 / 0	13.63	18.14	0.065	33.01	-14.87
	16-QAM	2593.0	H	108	320	4.00	1 / 0	14.88	18.88	0.077	33.01	-14.13
10 MHz	QPSK	2505.0	H	119	338	4.17	1 / 25	15.70	19.87	0.097	33.01	-13.14
	QPSK	2593.0	H	108	320	4.00	1 / 25	16.77	<b>20.77</b>	0.119	33.01	-12.24
	QPSK	2685.0	H	102	316	4.52	1 / 25	13.84	18.36	0.069	33.01	-14.65
	16-QAM	2593.0	H	108	320	4.00	1 / 25	15.12	19.12	0.082	33.01	-13.89
5 MHz	QPSK	2502.5	H	119	338	4.17	1 / 12	15.60	19.77	0.095	33.01	-13.24
	QPSK	2593.0	H	108	320	4.00	1 / 12	16.81	<b>20.81</b>	0.120	33.01	-12.20
	QPSK	2687.5	H	102	316	4.53	1 / 12	13.73	18.26	0.067	33.01	-14.75
	16-QAM	2593.0	H	108	320	4.00	1 / 0	15.11	19.11	0.081	33.01	-13.90

Table 7-11. EIRP Data (LTE Band 41(PC3)/38 – Ant2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	$\pi/2$ BPSK	2310.0	H	145	342	3.66	1 / 13	16.63	20.29	0.107	23.98	-3.69
	QPSK	2310.0	H	145	342	3.66	1 / 13	17.07	<b>20.73</b>	0.118	23.98	-3.25
	16-QAM	2310.0	H	145	342	3.66	1 / 13	15.64	19.30	0.085	23.98	-4.68
5 MHz	$\pi/2$ BPSK	2307.5	H	145	342	3.66	1 / 12	16.63	20.28	0.107	23.98	-3.70
	$\pi/2$ BPSK	2310.0	H	145	342	3.66	1 / 12	16.65	20.31	0.107	23.98	-3.67
	$\pi/2$ BPSK	2312.5	H	145	342	3.67	1 / 12	16.62	20.29	0.107	23.98	-3.69
	QPSK	2307.5	H	145	342	3.66	1 / 12	16.94	20.59	0.115	23.98	-3.39
	QPSK	2310.0	H	145	342	3.66	1 / 12	17.05	<b>20.71</b>	0.118	23.98	-3.27
	QPSK	2312.5	H	145	342	3.67	1 / 12	16.89	20.56	0.114	23.98	-3.42
	16-QAM	2312.5	H	145	342	3.67	1 / 12	15.63	19.29	0.085	23.98	-4.69
10 MHz	QPSK (CP-OFDM)	2310.0	H	145	342	3.66	1 / 13	15.03	18.69	0.074	23.98	-5.29
	WCP	2310.0	H	156	347	3.66	1 / 13	15.83	19.49	0.089	23.98	-4.49

Table 7-12. EIRP Data (NR Band n30 – Ant2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	2546.01	H	110	325	4.19	1 / 136	16.30	20.49	0.112	33.01	-12.52
	$\pi/2$ BPSK	2592.99	H	108	317	4.00	1 / 136	16.45	20.45	0.111	33.01	-12.56
	$\pi/2$ BPSK	2640.00	H	107	319	4.31	1 / 136	15.71	20.02	0.101	33.01	-12.99
	QPSK	2546.01	H	110	325	4.19	1 / 136	16.39	<b>20.58</b>	0.114	33.01	-12.43
	QPSK	2592.99	H	108	317	4.00	1 / 136	16.46	20.46	0.111	33.01	-12.55
	QPSK	2640.00	H	107	319	4.31	1 / 136	15.75	20.06	0.101	33.01	-12.95
	16-QAM	2546.01	H	110	325	4.19	1 / 136	15.50	19.69	0.093	33.01	-13.32
100 MHz	QPSK (CP-OFDM)	2546.0	H	110	325	4.19	1 / 136	15.26	19.45	0.088	33.01	-13.56

Table 7-13. EIRP Data (NR Band n41 – Ant2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	2546.01	V	102	320	4.13	1 / 262	12.96	17.09	0.051	33.01	-15.92
	$\pi/2$ BPSK	2592.99	V	103	324	4.14	1 / 258	14.29	18.43	0.070	33.01	-14.58
	$\pi/2$ BPSK	2640.00	V	102	322	4.39	1 / 111	14.35	18.74	0.075	33.01	-14.27
	QPSK	2546.01	V	102	320	4.13	1 / 262	13.25	17.38	0.055	33.01	-15.63
	QPSK	2592.99	V	103	324	4.14	1 / 258	14.42	18.56	0.072	33.01	-14.45
	QPSK	2640.00	V	102	322	4.39	1 / 111	14.70	<b>19.09</b>	0.081	33.01	-13.92
	16-QAM	2640.00	V	102	322	4.39	1 / 111	13.30	17.69	0.059	33.01	-15.32
100 MHz	QPSK (CP-OFDM)	2640.0	V	102	3	4.39	1 / 111	13.06	17.45	0.056	33.01	-15.56

Table 7-14. EIRP Data (NR Band n41 – Ant3)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	EUT Pol.	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
100 MHz	$\pi/2$ BPSK	2546.01	H	X	113	224	4.19	1 / 136	13.75	17.94	0.062	33.01	-15.07
	$\pi/2$ BPSK	2592.99	H	X	114	224	4.00	1 / 5	13.97	<b>17.97</b>	0.063	33.01	-15.04
	$\pi/2$ BPSK	2640.00	H	X	103	221	4.31	1 / 4	10.14	14.45	0.028	33.01	-18.56
	QPSK	2546.01	H	X	113	224	4.19	1 / 136	13.39	17.58	0.057	33.01	-15.43
	QPSK	2592.99	H	X	114	224	4.00	1 / 8	13.64	17.64	0.058	33.01	-15.37
	QPSK	2640.00	H	X	103	221	4.31	1 / 136	10.07	14.38	0.027	33.01	-18.63
100 MHz	16-QAM	2592.99	H	X	114	224	4.00	1 / 1	13.31	17.31	0.054	33.01	-15.70
100 MHz	QPSK (CP-OFDM)	2593.0	H	X	114	224	4.00	1 / 5	12.95	16.95	0.050	33.01	-16.06

Table 7-15. EIRP Data (NR Band n41 – Ant4)

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## 7.7 Radiated Spurious Emissions Measurements

### Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

### Test Procedures Used

ANSI C63.26-2015 – Section 5.5.4

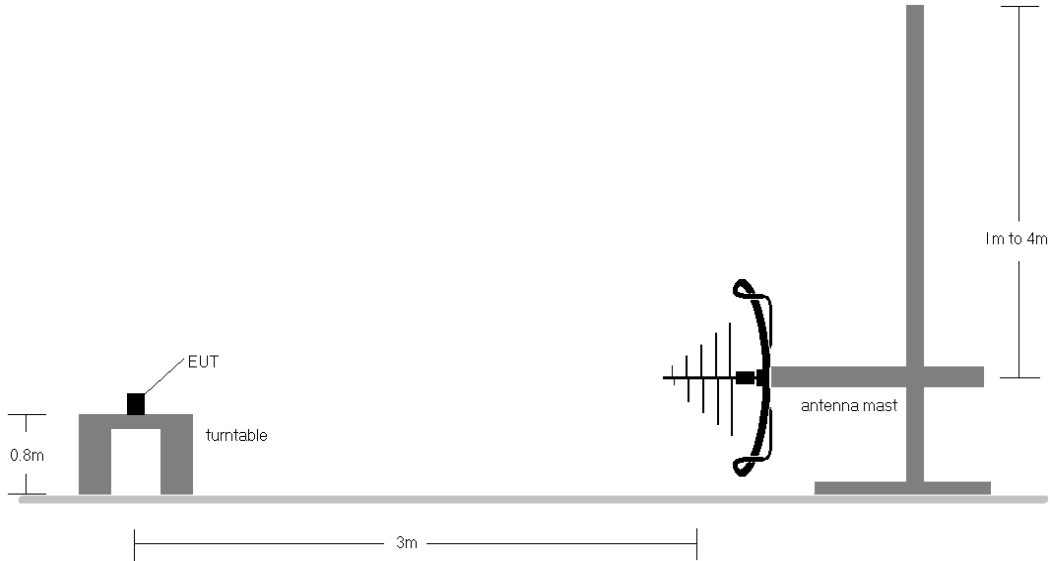
### Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW  $\geq 3 \times$  RBW
3. Span = 1.5 times the OBW
4. No. of sweep points  $\geq 2 \times$  span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

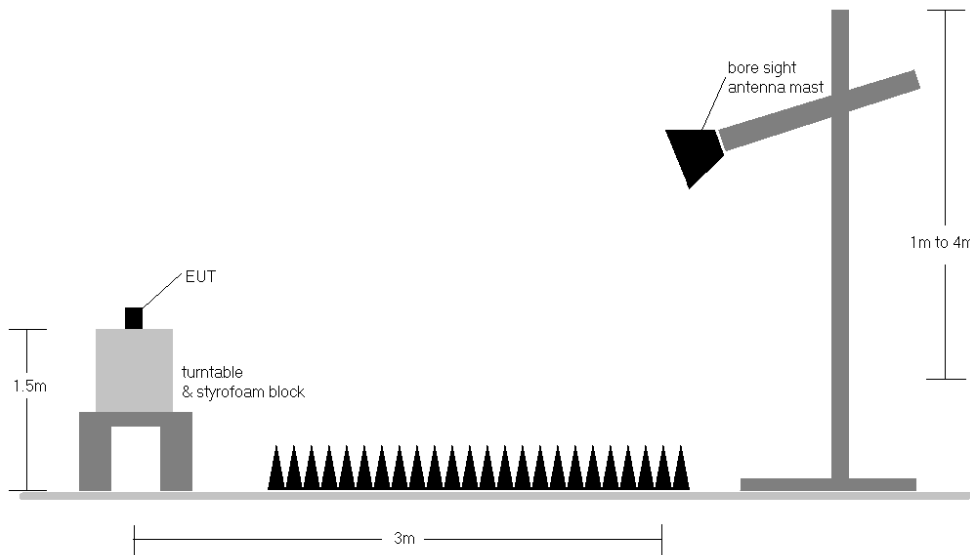
FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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**Test Setup**

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-6. Test Instrument & Measurement Setup < 1GHz**



**Figure 7-7. Test Instrument & Measurement Setup >1 GHz**

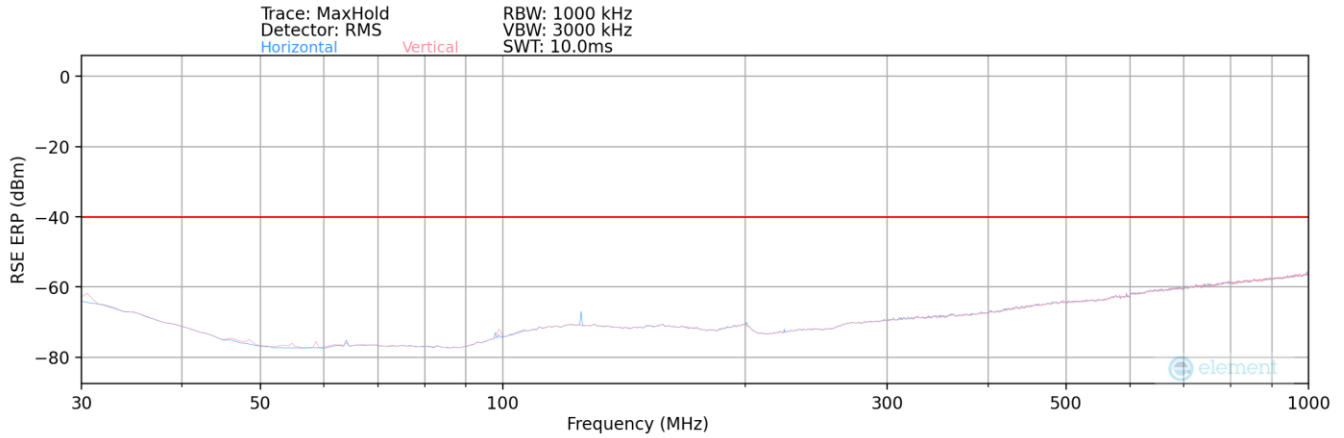
<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
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**Test Notes**

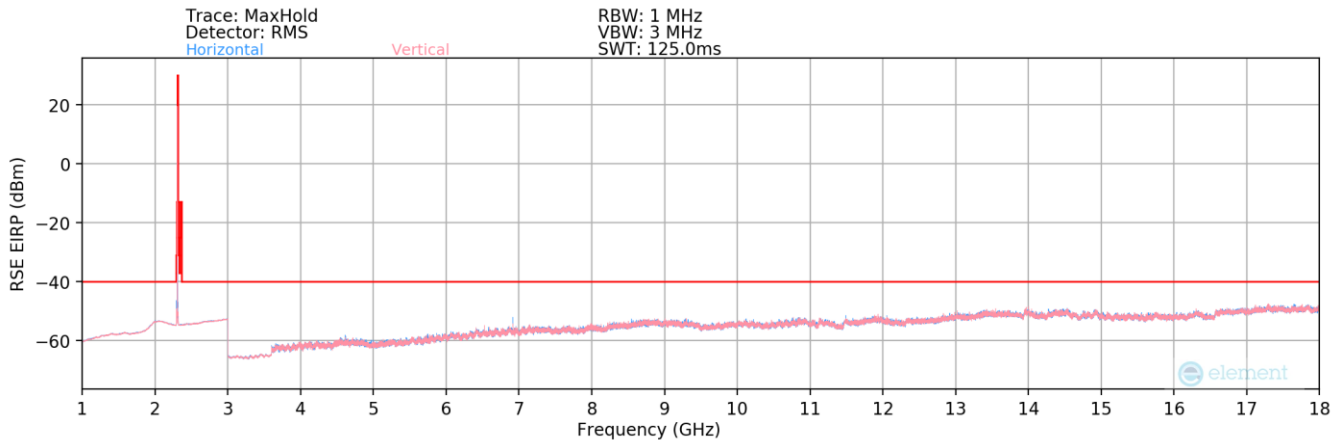
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
  - a)  $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
  - b)  $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$ ; where D is the measurement distance in meters.
- 2) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 7) ULCA spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
- 8) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
- 9) Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case.

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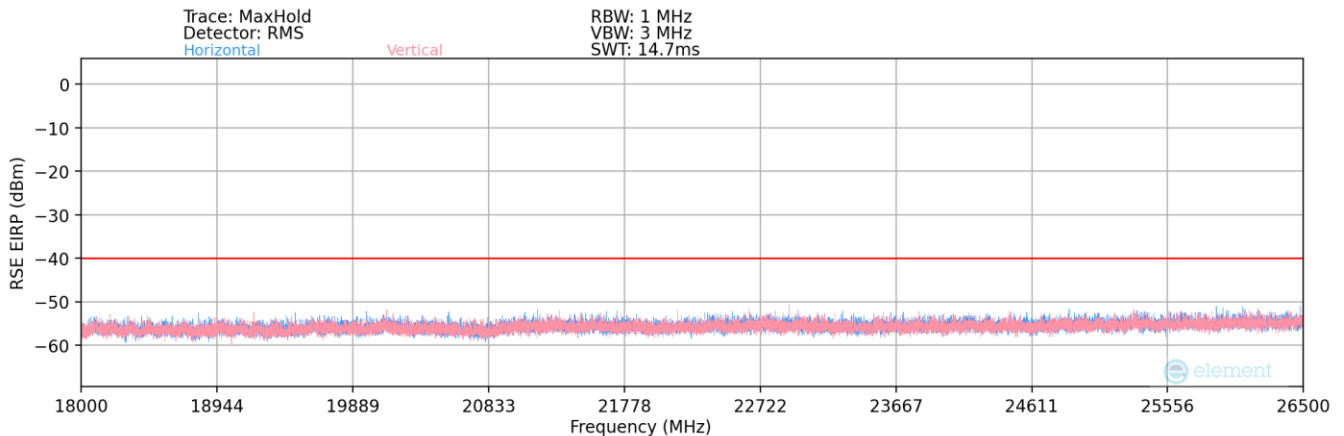
## LTE Band 30 – Ant1



Plot 7-224. Radiated Spurious Plot (LTE Band 30 – Below 1GHz – Ant1)



Plot 7-225. Radiated Spurious Plot (LTE Band 30 – Ant1)



Plot 7-226. Radiated Spurious Plot (LTE Band 30 – Above 18GHz – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 155 of 214

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
135.21	H	-	-	-100.88	20.22	26.34	-71.07	-40.00	-31.07

Table 7-16. Radiated Spurious Data (LTE Band 30 – Below 1GHz – Ant1)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
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]
4620.00	H	391	359	-72.69	6.26	40.57	-54.69	-40.00	-14.69
6930.00	H	382	52	-73.55	12.25	45.70	-49.56	-40.00	-9.56
9240.00	H	-	-	-80.78	16.52	42.74	-52.52	-40.00	-12.52
11550.00	H	-	-	-81.81	18.21	43.40	-51.86	-40.00	-11.86
13860.00	H	-	-	-82.87	22.28	46.41	-48.85	-40.00	-8.85

Table 7-17. Radiated Spurious Data (LTE Band 30 – Mid Channel – Ant1)

Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

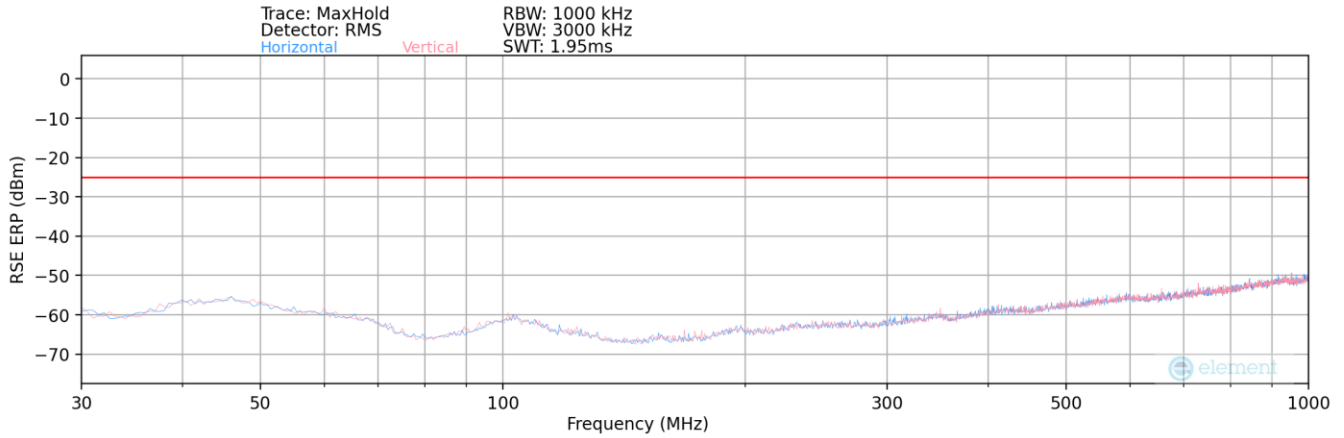
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	H	173	354	-72.57	6.26	40.69	-54.57	-40.00	-14.57
6930.00	H	142	40	-76.01	12.25	43.24	-52.02	-40.00	-12.02
9240.00	H	-	-	-80.83	16.52	42.69	-52.57	-40.00	-12.57
11550.00	H	-	-	-81.84	18.21	43.37	-51.89	-40.00	-11.89
13860.00	H	-	-	-82.95	22.28	46.33	-48.93	-40.00	-8.93

Table 7-18. Radiated Spurious Data with WCP (LTE Band 30 – Ant1)

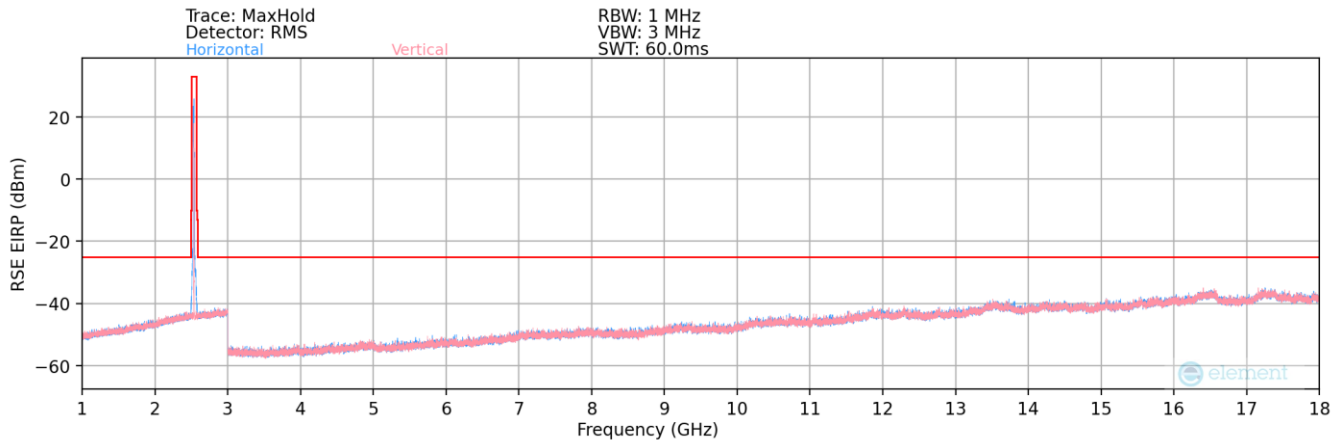
FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 156 of 214



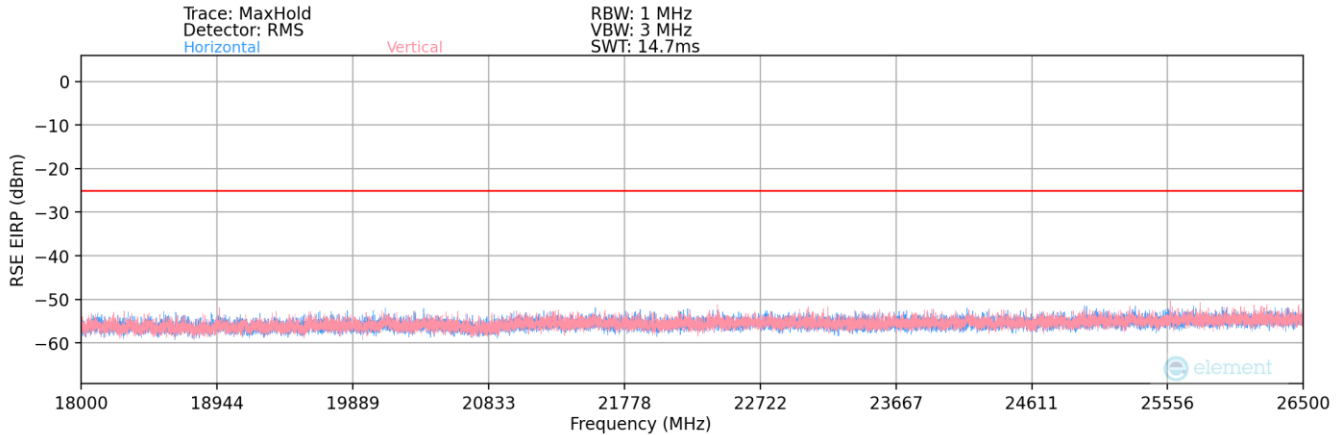
## LTE Band 7 – Ant1



Plot 7-227. Radiated Spurious Plot (LTE Band 7 – Below 1GHz – Ant1)



Plot 7-228. Radiated Spurious Plot (LTE Band 7 – Ant1)



Plot 7-229. Radiated Spurious Plot (LTE Band 7 – Above 18GHz – Ant1)

FCC ID: A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 157 of 214

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
319.03	H	-	-	-73.91	-8.18	24.91	-72.50	-25.00	-47.50

Table 7-19. Radiated Spurious Data (LTE Band 7 – Below 1GHz – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
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]
5020.00	H	150	7	-78.87	9.79	37.92	-57.34	-25.00	-32.34
7530.00	H	104	231	-78.61	15.68	44.07	-51.19	-25.00	-26.19
10040.00	H	-	-	-83.34	19.32	42.98	-52.27	-25.00	-27.27
12550.00	H	-	-	-84.24	23.80	46.56	-48.70	-25.00	-23.70
15060.00	H	-	-	-84.74	27.93	50.19	-45.07	-25.00	-20.07

Table 7-20. Radiated Spurious Data (LTE Band 7 – Low Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
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]
5070.00	H	115	20	-70.37	9.57	46.20	-49.05	-25.00	-24.05
7605.00	H	107	129	-80.77	15.93	42.16	-53.10	-25.00	-28.10
10140.00	H	-	-	-83.18	19.20	43.02	-52.24	-25.00	-27.24
12675.00	H	-	-	-84.51	24.07	46.56	-48.70	-25.00	-23.70
15210.00	H	-	-	-85.11	27.81	49.70	-45.55	-25.00	-20.55

Table 7-21. Radiated Spurious Data (LTE Band 7 – Mid Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2560.0
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]
5120.00	H	126	28	-70.92	10.04	46.12	-49.14	-25.00	-24.14
7680.00	H	150	20	-81.88	16.08	41.20	-54.06	-25.00	-29.06
10240.00	H	-	-	-83.21	20.05	43.84	-51.42	-25.00	-26.42
12800.00	H	-	-	-84.17	24.30	47.13	-48.13	-25.00	-23.13
15360.00	H	-	-	-84.74	28.04	50.30	-44.96	-25.00	-19.96

Table 7-22. Radiated Spurious Data (LTE Band 7 – High Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 158 of 214



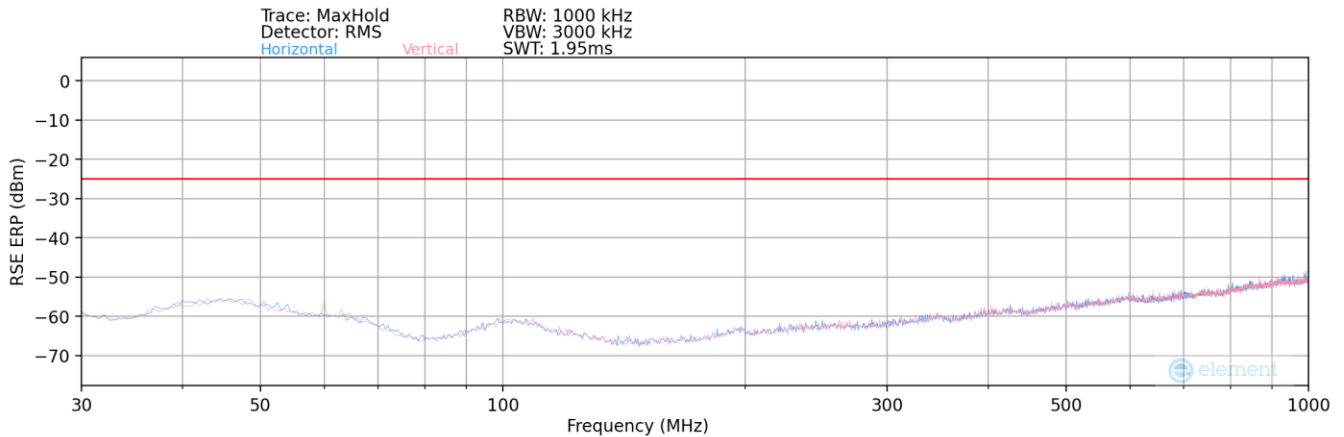
<b>Case:</b>	w/ Wireless Charging Pad
<b>Bandwidth (MHz):</b>	20
<b>Frequency (MHz):</b>	2535.0
<b>RB / Offset:</b>	1 / 50

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]
5070.00	H	350	114	-79.71	9.57	36.86	-58.39	-25.00	-33.39
7605.00	H	-	-	-82.18	15.93	40.75	-54.51	-25.00	-29.51
10140.00	H	-	-	-83.06	19.20	43.14	-52.12	-25.00	-27.12
12675.00	H	-	-	-84.60	24.07	46.47	-48.79	-25.00	-23.79

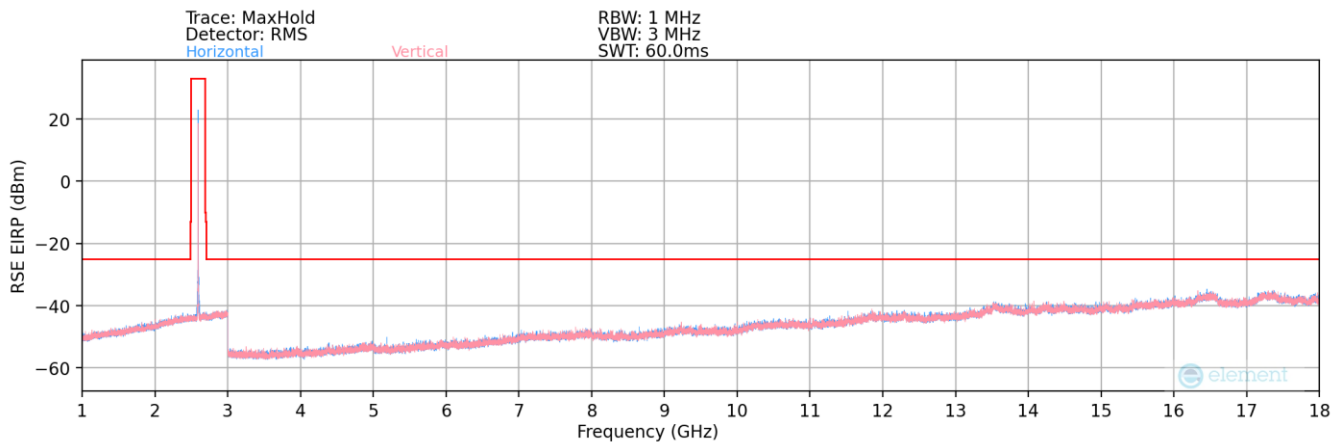
Table 7-23. Radiated Spurious Data with WCP (LTE Band 7 – Ant1)

<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2304260060-08.A3L	<b>Test Dates:</b> 5/24/2023 - 7/31/2023	<b>EUT Type:</b> Portable Handset	Page 159 of 214

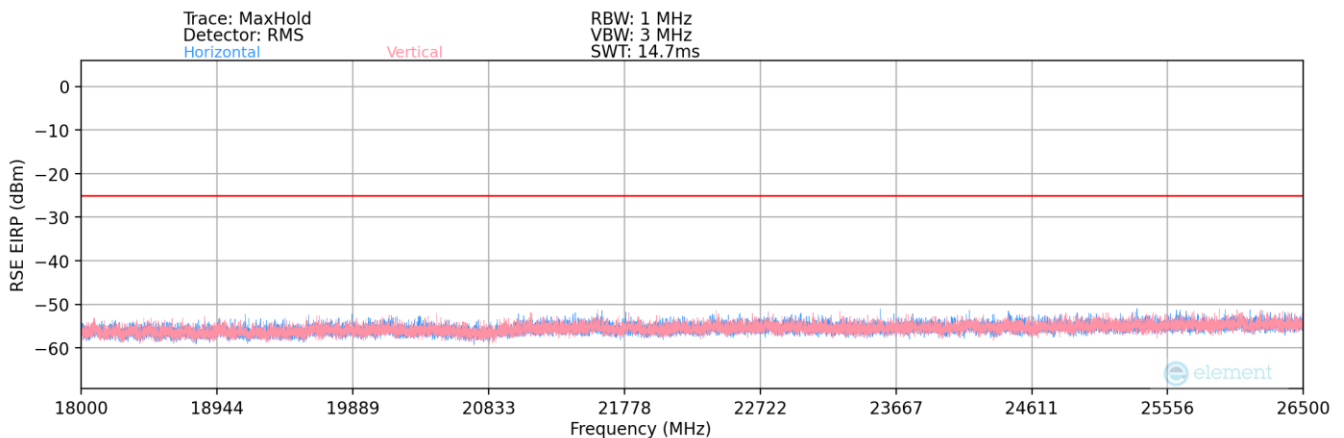
# LTE Band 41(PC2) – Ant1



Plot 7-230. Radiated Spurious Plot (LTE Band 41(PC2) – Below 1GHz – Ant1)



Plot 7-231. Radiated Spurious Plot (LTE Band 41(PC2) – Ant1)



Plot 7-232. Radiated Spurious Plot (LTE Band 41(PC2) – Above 18GHz – Ant1)

FCC ID: A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 160 of 214

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
135.21	H	-	-	-100.88	20.22	26.34	-71.07	-40.00	-31.07

Table 7-24. Radiated Spurious Data (LTE Band 41(PC2) – Below 1GHz – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
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]
5012.00	V	278	9	-66.96	9.95	49.99	-45.26	-25.00	-20.26
7518.00	V	131	30	-66.12	15.75	56.63	-38.63	-25.00	-13.63
10024.00	V	-	-	-75.37	19.27	50.90	-44.35	-25.00	-19.35
12530.00	V	-	-	-75.67	24.00	55.33	-39.93	-25.00	-14.93
15036.00	V	-	-	-76.36	27.27	57.91	-37.35	-25.00	-12.35

Table 7-25. Radiated Spurious Data (LTE Band 41(PC2) – Low Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
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]
5186.00	V	100	100	-64.59	10.16	52.57	-42.68	-25.00	-17.68
7779.00	V	114	6	-69.94	15.88	52.94	-42.32	-25.00	-17.32
10372.00	V	-	-	-74.67	20.07	52.40	-42.86	-25.00	-17.86
12965.00	V	-	-	-74.83	24.76	56.93	-38.33	-25.00	-13.33
15558.00	V	-	-	-76.68	29.36	59.68	-35.57	-25.00	-10.57

Table 7-26. Radiated Spurious Data (LTE Band 41(PC2) – Mid Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
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]
5360.00	V	114	333	-69.70	10.44	47.74	-47.52	-25.00	-22.52
8040.00	V	102	40	-68.81	16.42	54.61	-40.64	-25.00	-15.64
10720.00	V	-	-	-74.81	20.71	52.90	-42.36	-25.00	-17.36
13400.00	V	-	-	-75.26	25.40	57.14	-38.11	-25.00	-13.11
16080.00	V	-	-	-76.51	29.09	59.58	-35.68	-25.00	-10.68

Table 7-27. Radiated Spurious Data (LTE Band 41(PC2) – High Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 161 of 214



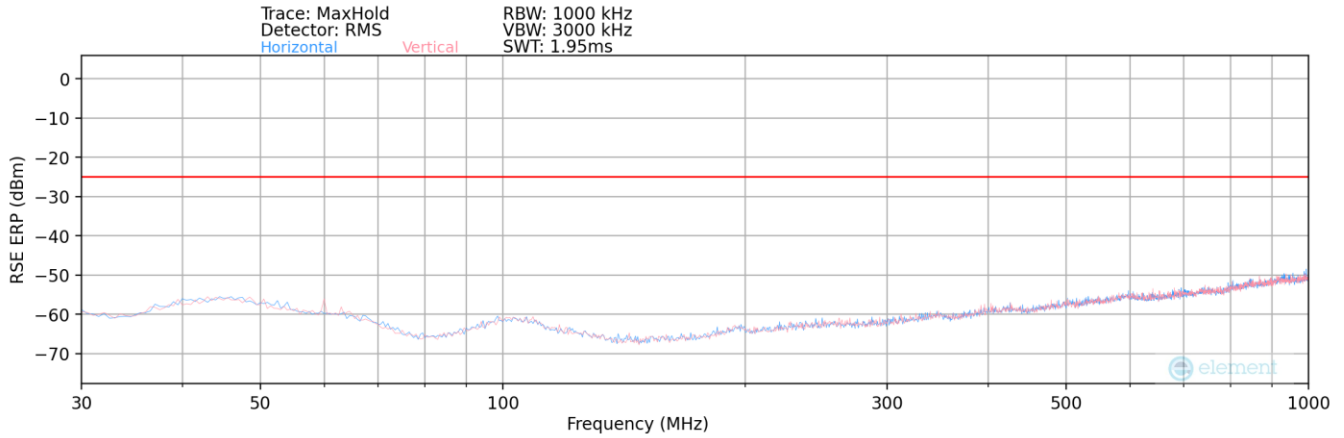
<b>Case:</b>	w/ Wireless Charging Pad
<b>Bandwidth (MHz):</b>	20
<b>Frequency (MHz):</b>	2506.0
<b>RB / Offset:</b>	1 / 50

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]
5012.00	V	101	2	-66.88	9.95	50.07	-45.18	-25.00	-20.18
7518.00	V	100	70	-66.74	15.75	56.01	-39.25	-25.00	-14.25
10024.00	V	-	-	-74.97	19.27	51.30	-43.95	-25.00	-18.95
12530.00	V	-	-	-76.23	24.00	54.77	-40.49	-25.00	-15.49
15036.00	V	-	-	-76.38	27.27	57.89	-37.37	-25.00	-12.37

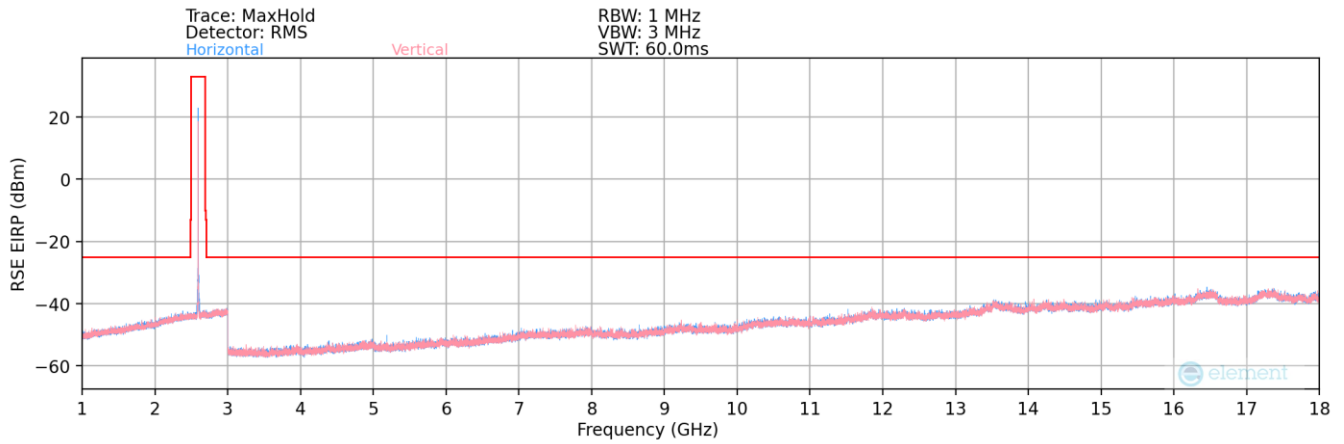
**Table 7-28. Radiated Spurious Data with WCP (LTE Band 41(PC2) – Ant1)**

<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2304260060-08.A3L	<b>Test Dates:</b> 5/24/2023 - 7/31/2023	<b>EUT Type:</b> Portable Handset	Page 162 of 214

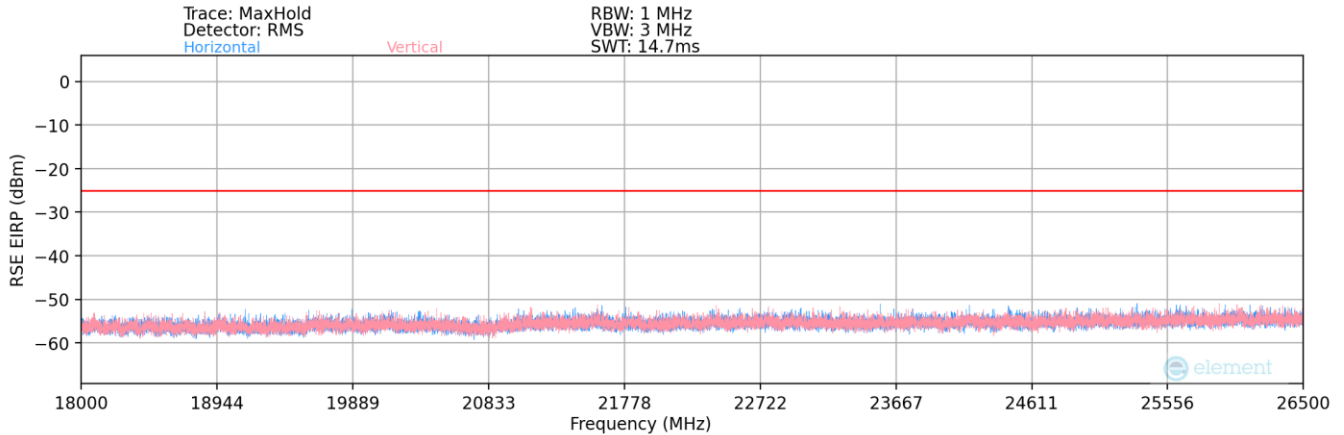
# LTE Band 41(PC3)/38 – Ant1



Plot 7-233. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Below 1GHz – Ant1)



Plot 7-234. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Ant1)



Plot 7-235. Radiated Spurious Plot (LTE Band 41(PC3)/38 – Above 18GHz – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 163 of 214

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
59.74	V	-	-	-58.24	-9.69	39.07	-58.34	-25.00	-33.34

Table 7-29. Radiated Spurious Data (LTE Band 41(PC3)/38 – Below 1GHz – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2506.0
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]
5012.00	V	126	88	-68.00	9.95	48.95	-46.30	-25.00	-21.30
7518.00	V	115	332	-66.52	15.75	56.23	-39.03	-25.00	-14.03
10024.00	V	-	-	-75.15	19.27	51.12	-44.13	-25.00	-19.13
12530.00	V	-	-	-74.79	24.00	56.21	-39.05	-25.00	-14.05
15036.00	V	-	-	-75.88	27.27	58.39	-36.87	-25.00	-11.87

Table 7-30. Radiated Spurious Data (LTE Band 41(PC3)/38 – Low Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
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]
5186.00	V	103	86	-65.81	10.16	51.35	-43.90	-25.00	-18.90
7779.00	V	100	321	-68.12	15.88	54.76	-40.50	-25.00	-15.50
10372.00	V	-	-	-74.81	20.07	52.26	-43.00	-25.00	-18.00
12965.00	V	-	-	-76.06	24.76	55.70	-39.56	-25.00	-14.56
15558.00	V	-	-	-76.81	29.36	59.55	-35.70	-25.00	-10.70

Table 7-31. Radiated Spurious Data (LTE Band 41(PC3)/38 – Mid Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
RB / Offset:	1 / 50

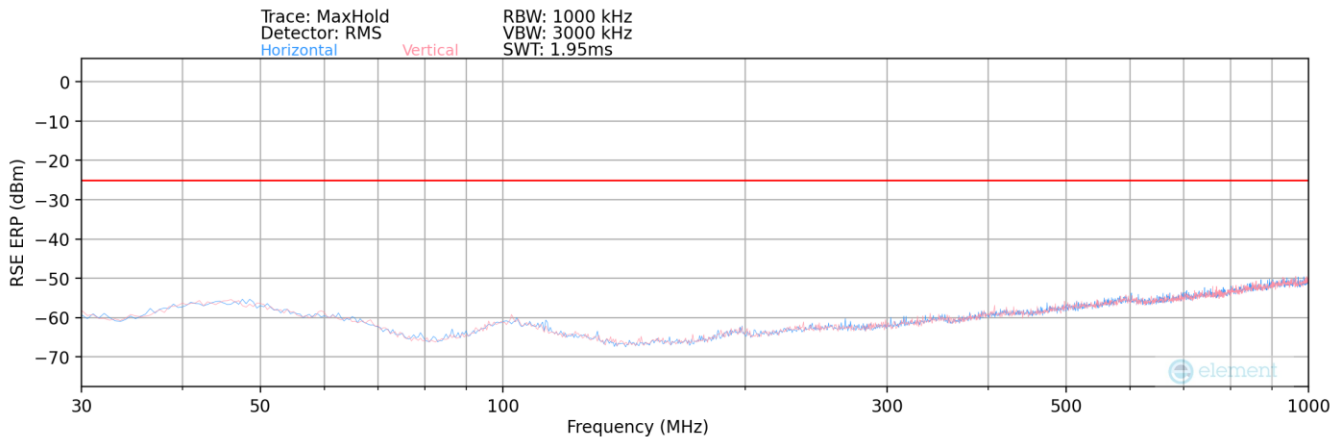
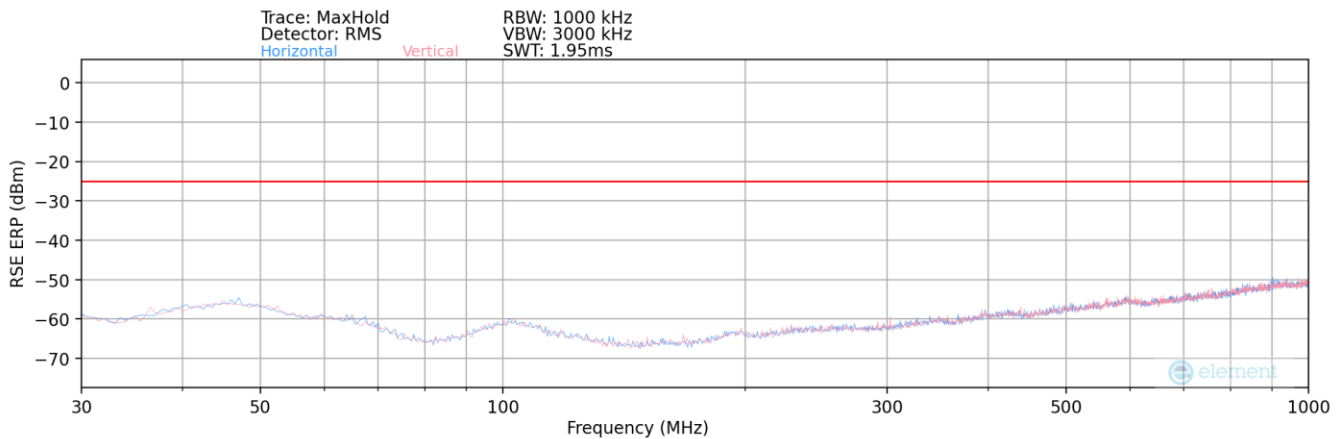
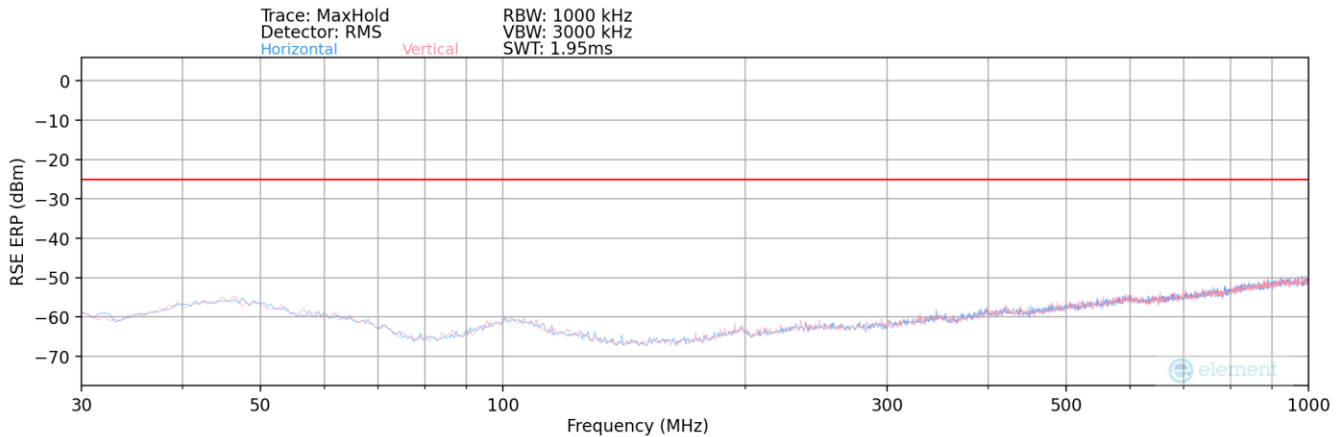
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.00	V	113	278	-69.24	10.44	48.20	-47.06	-25.00	-22.06
8040.00	V	101	320	-65.59	16.42	57.83	-37.42	-25.00	-12.42
10720.00	V	-	-	-75.03	20.71	52.68	-42.58	-25.00	-17.58
13400.00	V	-	-	-75.65	25.40	56.75	-38.50	-25.00	-13.50
16080.00	V	-	-	-76.14	29.09	59.95	-35.31	-25.00	-10.31

Table 7-32. Radiated Spurious Data (LTE Band 41(PC3)/38 – High Channel – Ant1)

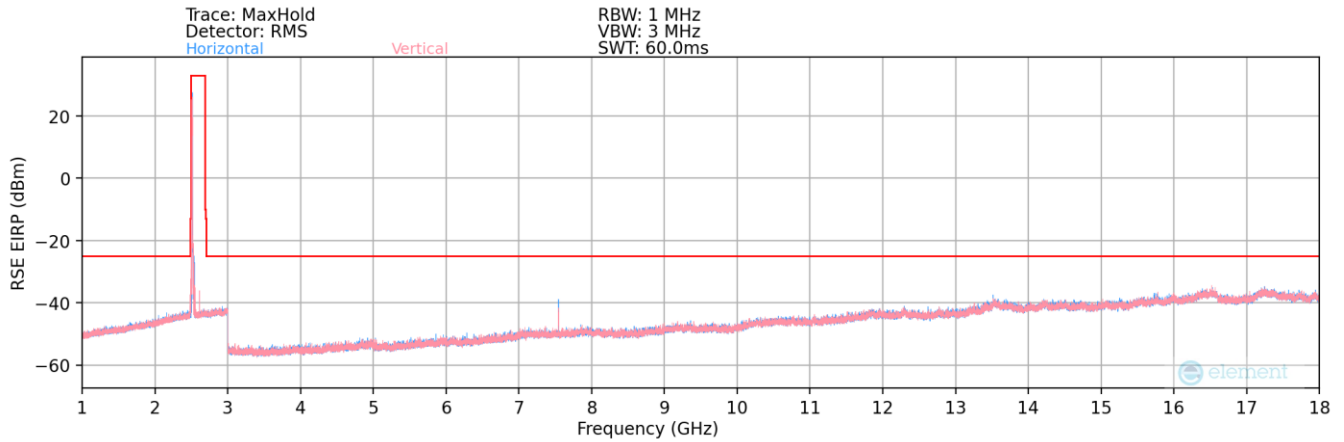
FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 164 of 214



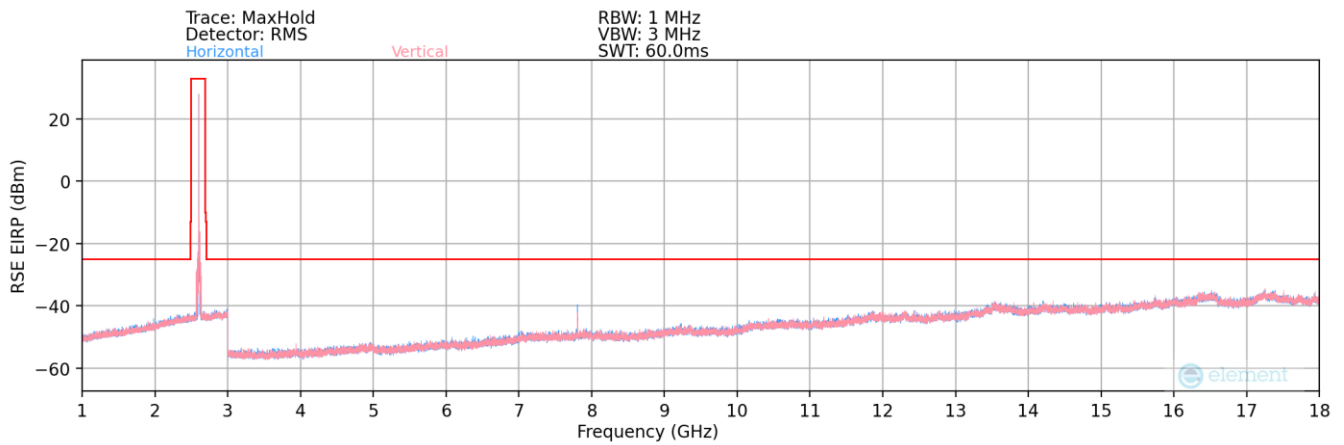
# ULCA - LTE B41(PC2) – Ant1



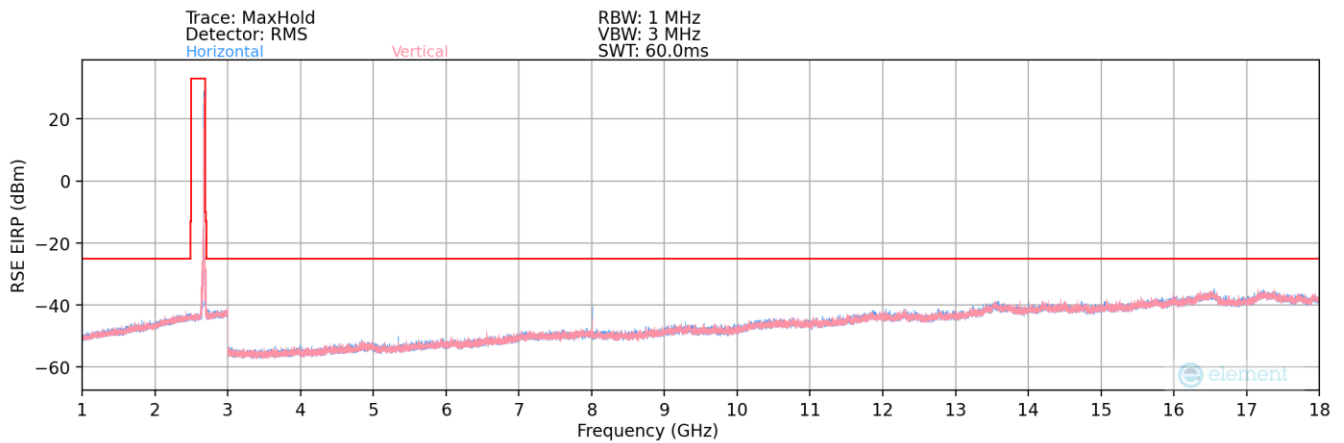
FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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**Plot 7-239. Radiated Spurious Plot (LTE Band 41 – Low Channel – Ant1)**

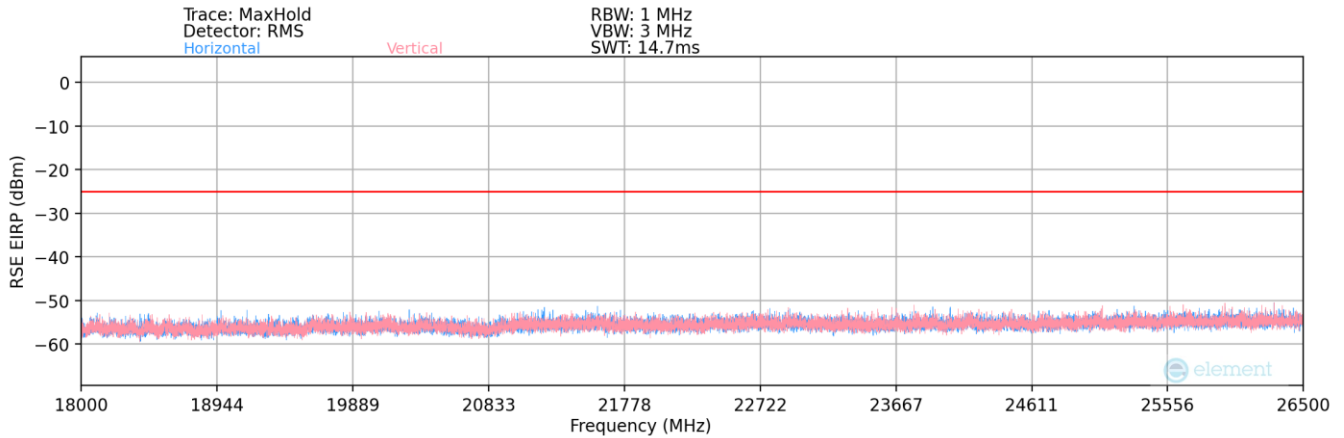


**Plot 7-240. Radiated Spurious Plot (LTE Band 41 – Mid Channel – Ant1)**

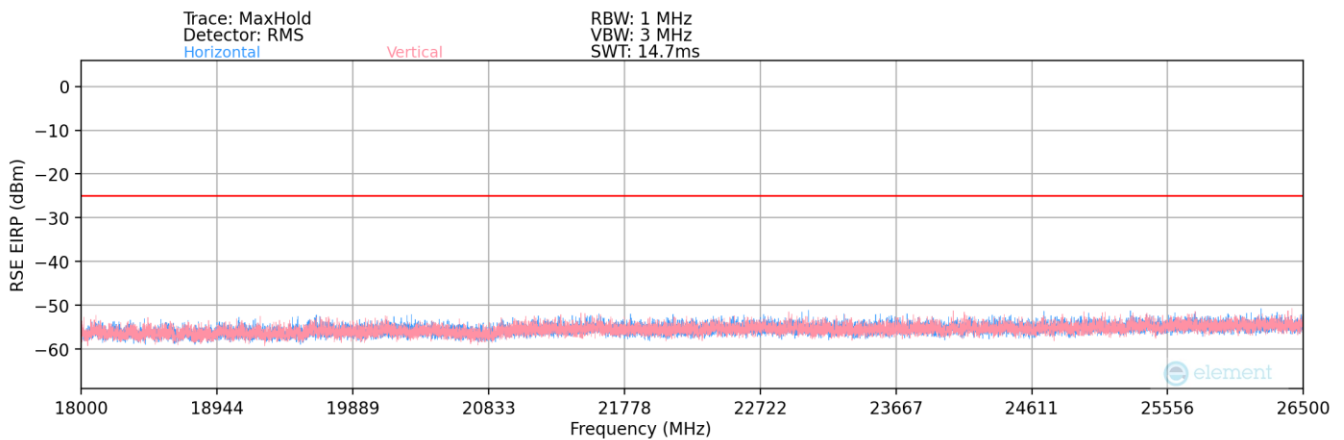


**Plot 7-241. Radiated Spurious Plot (LTE Band 41 – High Channel – Ant1)**

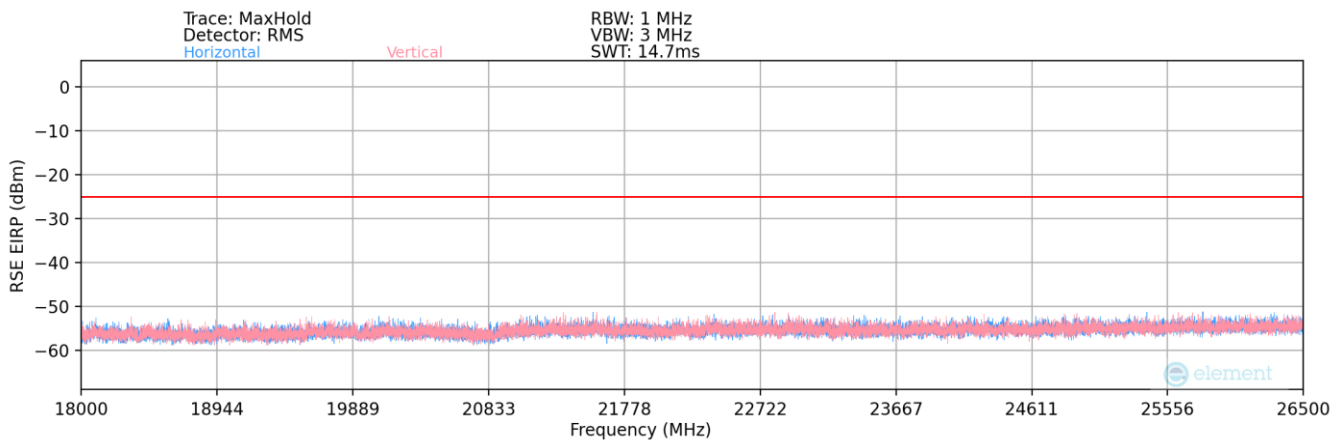
<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2304260060-08.A3L	<b>Test Dates:</b> 5/24/2023 - 7/31/2023	<b>EUT Type:</b> Portable Handset	Page 166 of 214



**Plot 7-242. Radiated Spurious Plot (LTE Band 41 – 18GHz – Low Channel – Ant1)**



**Plot 7-243. Radiated Spurious Plot (LTE Band 41 – Above 18GHz – Mid Channel – Ant1)**



**Plot 7-244. Radiated Spurious Plot (LTE Band 41 – Above 18GHz – High Channel – Ant1)**

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 167 of 214

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
415.45	V	-	-	-66.05	-5.53	35.42	-61.98	-25.00	-36.98

Table 7-33. Radiated Spurious Data (LTE Band 41 – Below 1GHz – Ant1)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

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]
5012.00	V	293	354	-69.90	9.95	47.05	-48.20	-25.00	-23.20
7518.00	V	100	340	-67.34	15.75	55.41	-39.85	-25.00	-14.85
10024.00	V	-	-	-74.69	19.27	51.58	-43.67	-25.00	-18.67
12530.00	V	-	-	-74.51	24.00	56.49	-38.77	-25.00	-13.77
15036.00	V	-	-	-76.14	27.27	58.13	-37.13	-25.00	-12.13
17542.00	V	-	-	-76.45	31.24	61.79	-33.47	-25.00	-8.47

Table 7-34. Radiated Spurious Data (ULCA LTE B41(PC2) – Low Channel – Ant1)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0

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]
5186.00	V	235	354	-71.10	10.16	46.06	-49.19	-25.00	-24.19
7779.00	V	183	243	-68.57	15.88	54.31	-40.95	-25.00	-15.95
10372.00	V	-	-	-74.89	20.07	52.18	-43.08	-25.00	-18.08
12965.00	V	-	-	-75.88	24.76	55.88	-39.38	-25.00	-14.38
15558.00	V	-	-	-76.40	29.36	59.96	-35.29	-25.00	-10.29

Table 7-35. Radiated Spurious Data (ULCA LTE B41(PC2) – Mid Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 168 of 214



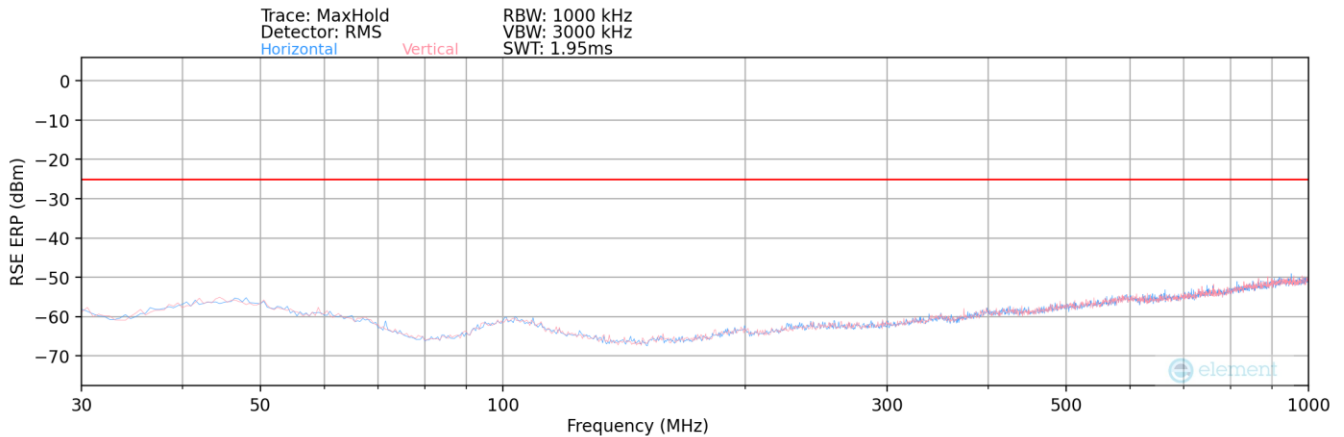
PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
5360.00	V	105	323	-71.23	10.44	46.21	-49.05	-25.00	-24.05
8040.00	V	224	27	-65.71	16.42	57.71	-37.54	-25.00	-12.54
10720.00	V	-	-	-74.93	20.71	52.78	-42.48	-25.00	-17.48
13400.00	V	-	-	-75.28	25.40	57.12	-38.13	-25.00	-13.13
16080.00	V	-	-	-76.96	29.09	59.13	-36.13	-25.00	-11.13

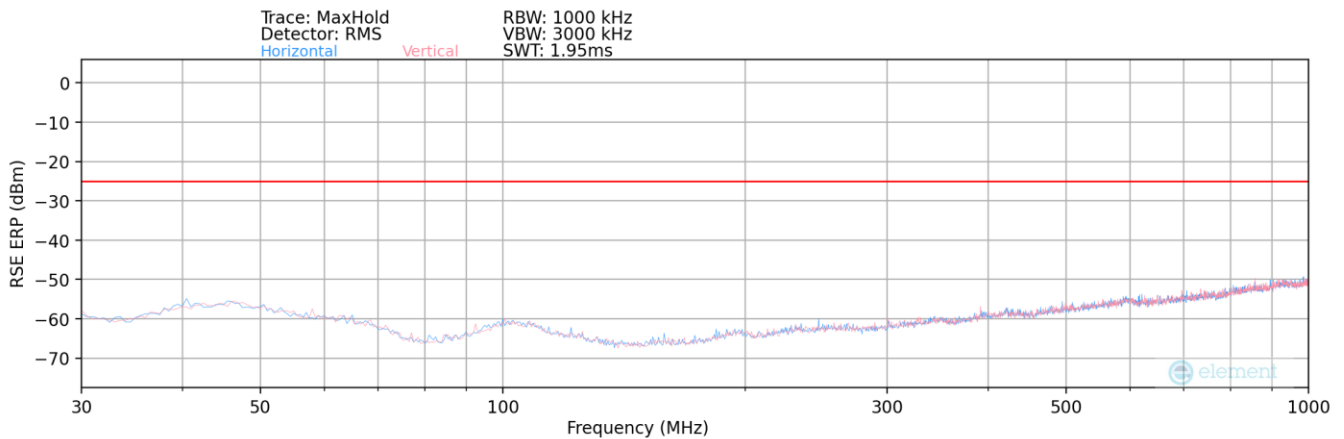
Table 7-36. Radiated Spurious Data (ULCA LTE B41(PC2) – High Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 169 of 214

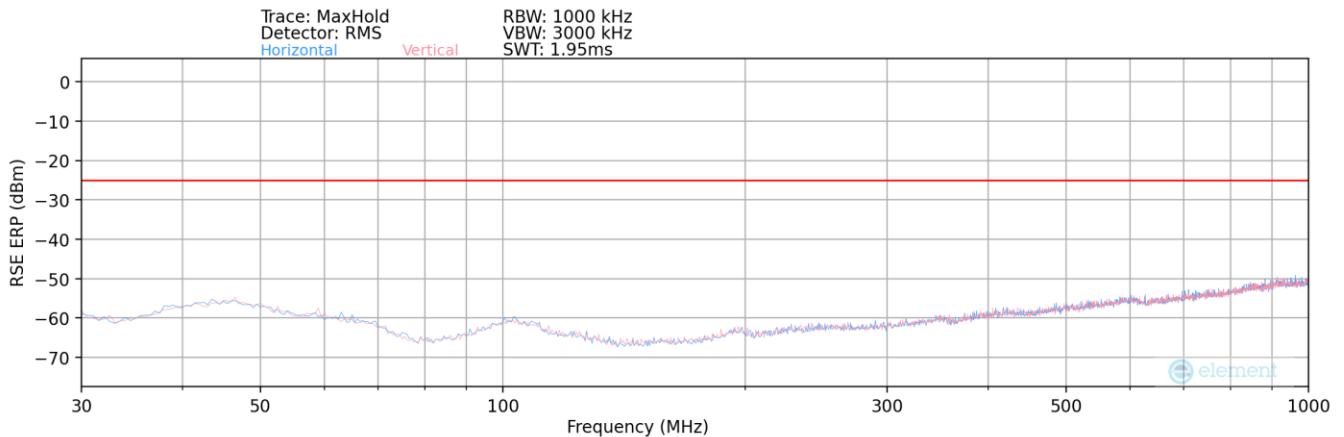
# ULCA - LTE B41(PC3) – Ant1



**Plot 7-245. Radiated Spurious Plot (LTE Band 41 – Below 1GHz – Low Channel – Ant1)**

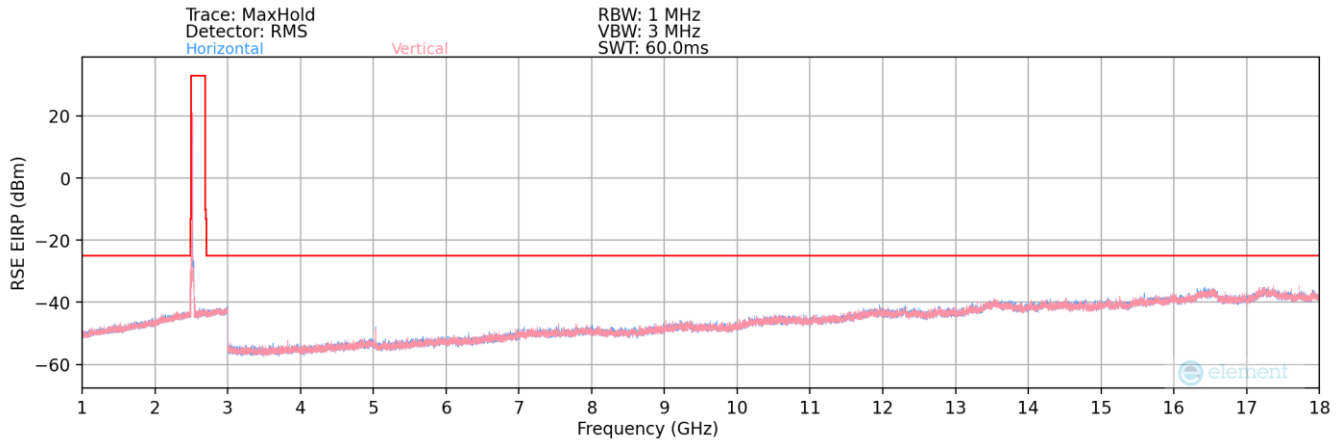


**Plot 7-246. Radiated Spurious Plot (LTE Band 41 – Below 1GHz – Mid Channel – Ant1)**

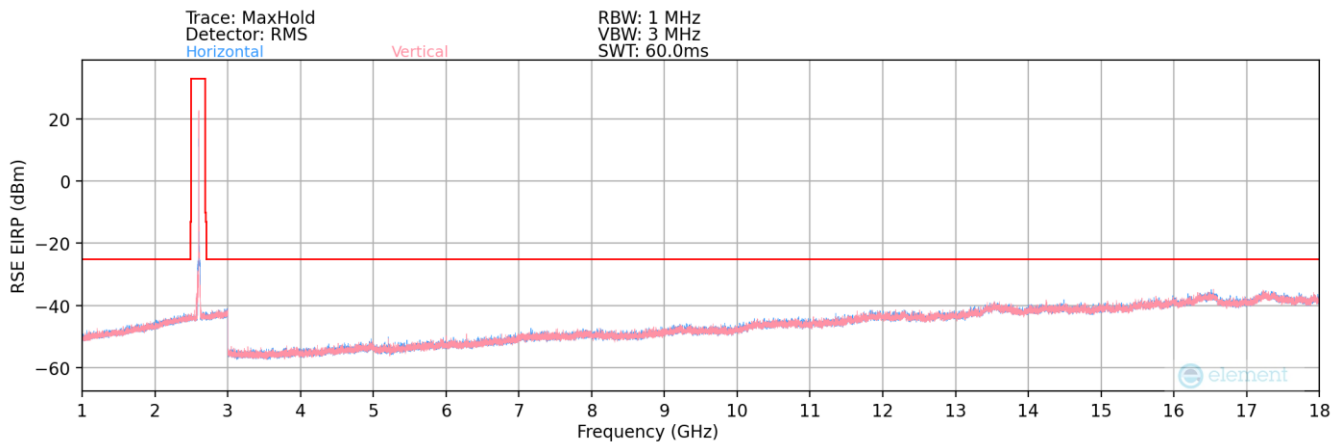


**Plot 7-247. Radiated Spurious Plot (LTE Band 41 – Below 1GHz – High Channel – Ant1)**

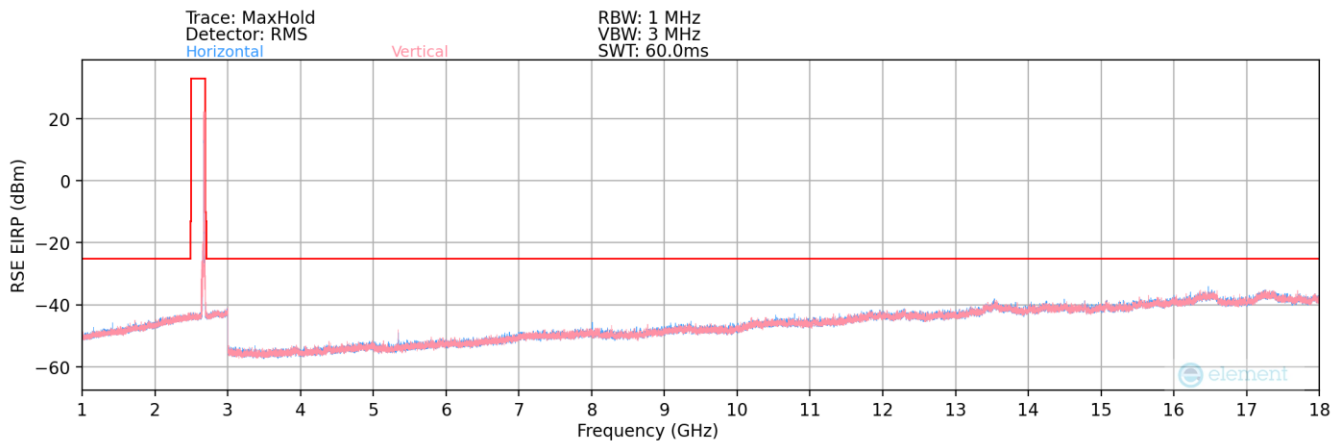
FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 170 of 214



**Plot 7-248. Radiated Spurious Plot (LTE Band 41 – Low Channel – Ant1)**

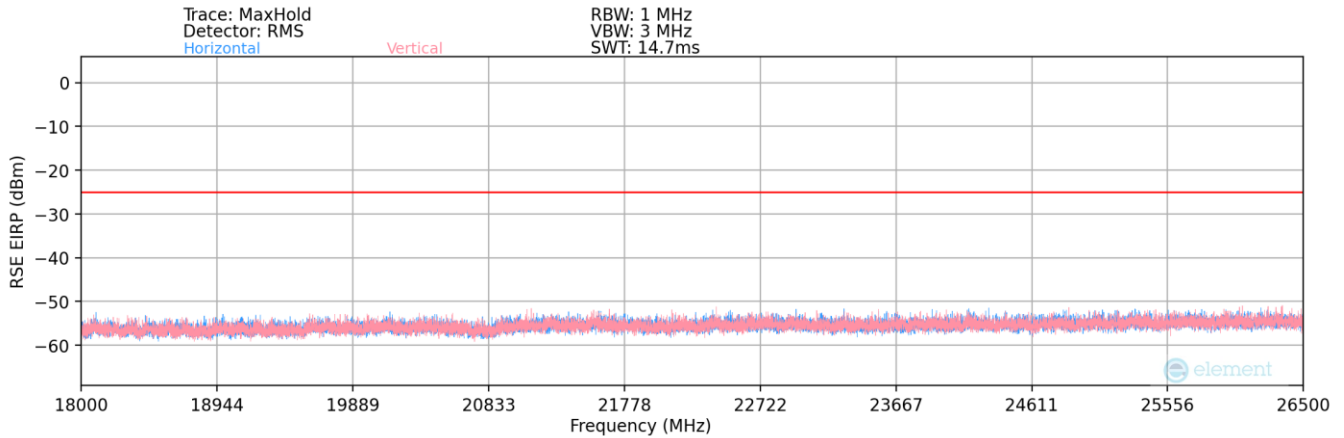


**Plot 7-249. Radiated Spurious Plot (LTE Band 41 – Mid Channel – Ant1)**

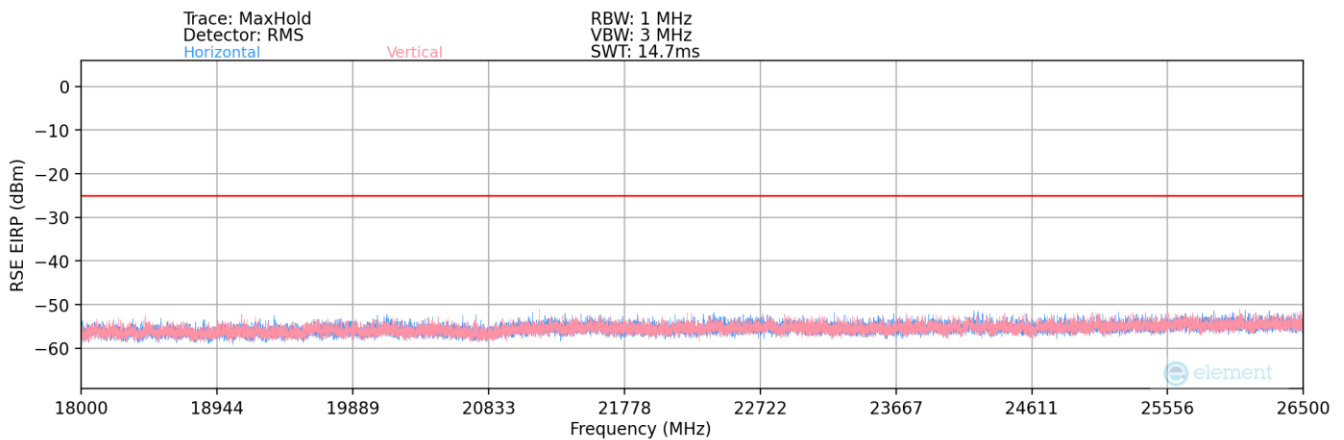


**Plot 7-250. Radiated Spurious Plot (LTE Band 41 – High Channel – Ant1)**

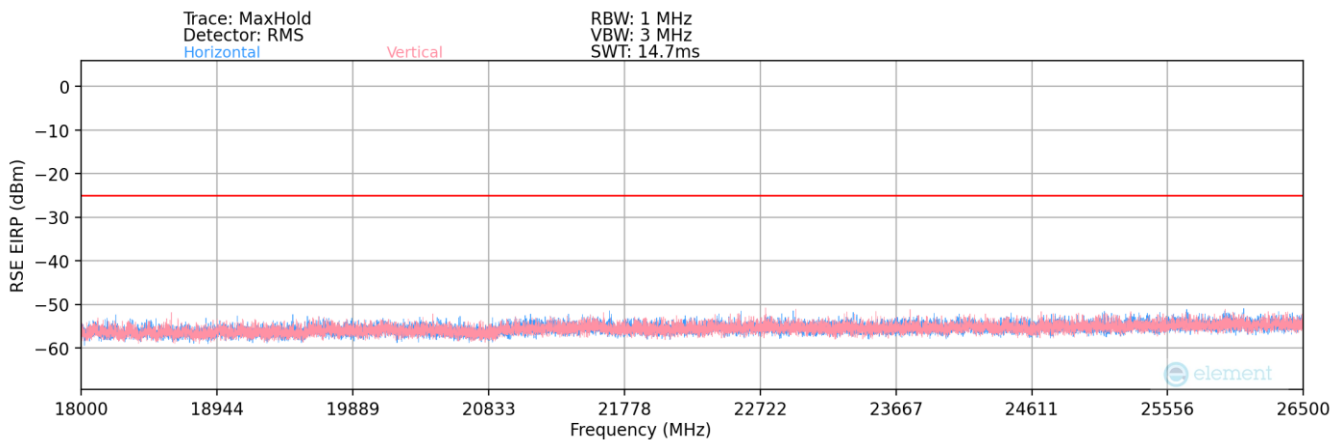
<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2304260060-08.A3L	<b>Test Dates:</b> 5/24/2023 - 7/31/2023	<b>EUT Type:</b> Portable Handset	Page 171 of 214



**Plot 7-251. Radiated Spurious Plot (LTE Band 41 – 18GHz – Low Channel – Ant1)**



**Plot 7-252. Radiated Spurious Plot (LTE Band 41 – Above 18GHz – Mid Channel – Ant1)**



**Plot 7-253. Radiated Spurious Plot (LTE Band 41 – Above 18GHz – High Channel – Ant1)**

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 172 of 214



PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99
Detector / Trace Mode:	RMS / MaxHold
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]
453.98	H	-	-	-66.80	-5.50	34.70	-62.71	-25.00	-37.71

Table 7-37. Radiated Spurious Data (LTE Band 41 – Below 1GHz – Ant1)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2506.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2525.8
SCC RB / Offset:	1 / 0

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]
5012.00	H	164	159	-66.28	9.95	50.67	-44.58	-25.00	-19.58
7518.00	H	103	70	-69.39	15.75	53.36	-41.90	-25.00	-16.90
10024.00	H	-	-	-75.08	19.27	51.19	-44.06	-25.00	-19.06
12530.00	H	-	-	-74.52	24.00	56.48	-38.78	-25.00	-13.78
15036.00	H	-	-	-75.84	27.27	58.43	-36.83	-25.00	-11.83
17542.00	H	-	-	-74.93	31.24	63.31	-31.95	-25.00	-6.95

Table 7-38. Radiated Spurious Data (ULCA LTE B41(PC3) – Low Channel – Ant1)

PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2593.0
PCC RB / Offset:	1 / 99
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2612.8
SCC RB / Offset:	1 / 0

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]
5186.00	H	130	155	-66.59	10.16	50.57	-44.68	-25.00	-19.68
7779.00	H	106	65	-70.68	15.88	52.20	-43.06	-25.00	-18.06
10372.00	H	-	-	-74.37	20.07	52.70	-42.56	-25.00	-17.56
12965.00	H	-	-	-75.35	24.76	56.41	-38.85	-25.00	-13.85
15558.00	H	-	-	-75.83	29.36	60.53	-34.72	-25.00	-9.72

Table 7-39. Radiated Spurious Data (ULCA LTE B41(PC3) – Mid Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 173 of 214



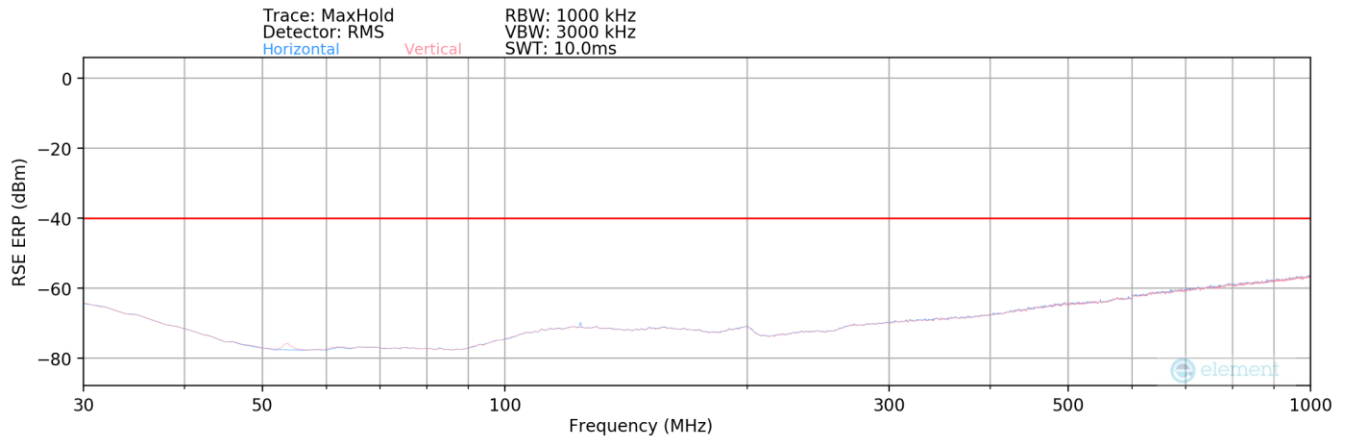
PCC Bandwidth (MHz):	20
PCC Frequency (MHz):	2680.0
PCC RB / Offset:	1 / 0
SCC Bandwidth (MHz):	20
SCC Frequency (MHz):	2660.2
SCC RB / Offset:	1 / 99

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]
5360.00	H	131	206	-68.16	10.44	49.28	-45.98	-25.00	-20.98
8040.00	H	110	71	-69.58	16.42	53.84	-41.41	-25.00	-16.41
10720.00	H	-	-	-74.49	20.71	53.22	-42.04	-25.00	-17.04
13400.00	H	-	-	-75.42	25.40	56.98	-38.27	-25.00	-13.27
16080.00	H	-	-	-75.94	29.09	60.15	-35.11	-25.00	-10.11

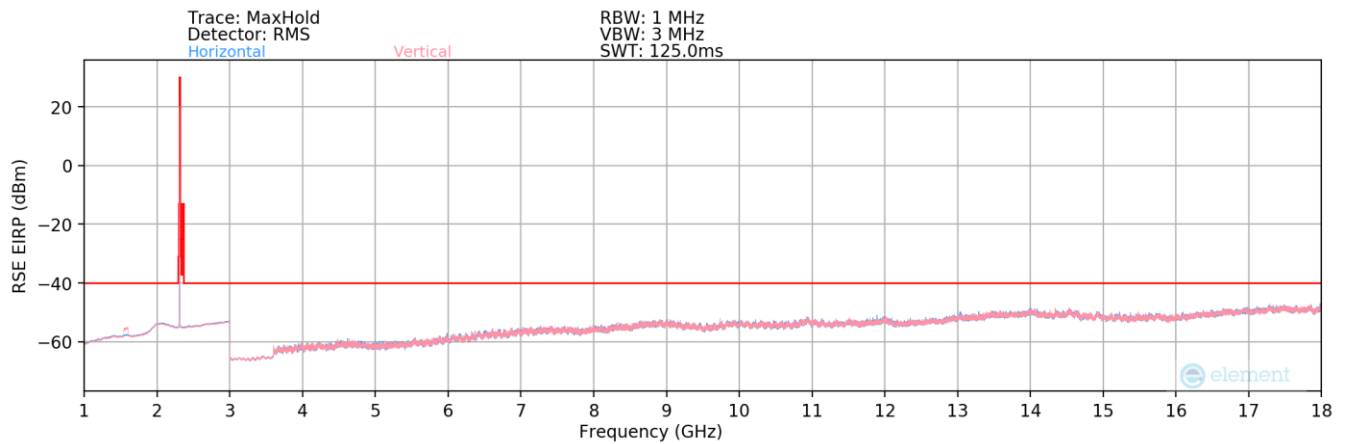
Table 7-40. Radiated Spurious Data (ULCA LTE B41(PC3) – High Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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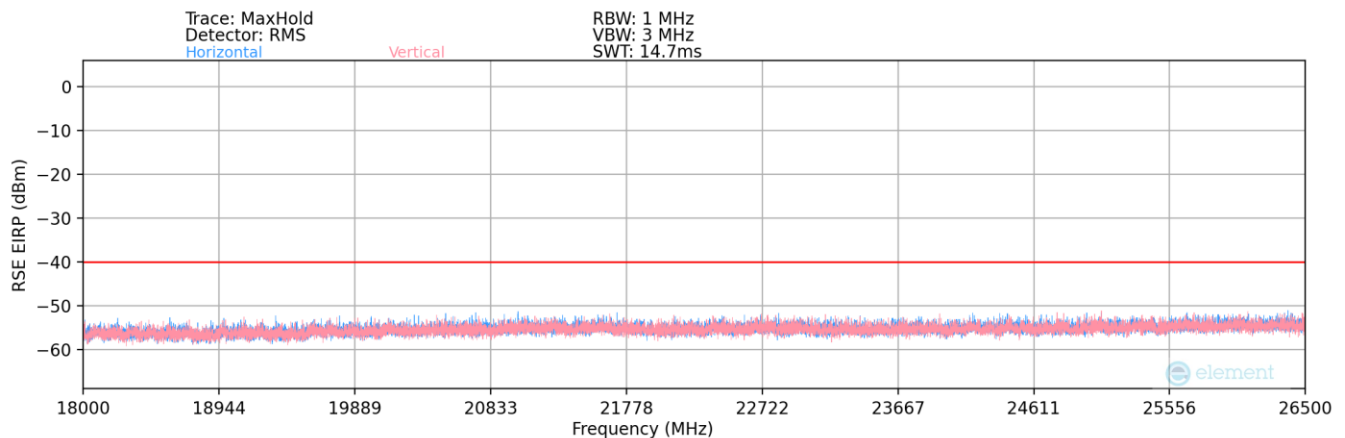
## NR Band n30 – Ant1



Plot 7-254. Radiated Spurious Plot (NR Band n30 – Below 1GHz – Ant1)



Plot 7-255. Radiated Spurious Plot (NR Band n30 – Ant1)



Plot 7-256. Radiated Spurious Plot (NR Band n30 – Above 18GHz – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 26
Mode:	SA
Anchor Band:	-

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]
119.18	H	-	-	-90.98	20.38	36.40	-58.85	-40.00	-18.85

Table 7-41. Radiated Spurious Data (NR Band n30 – Below 1GHz – Ant1)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 26
Mode:	Stand Alone

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]
4620.00	H	310	250	-72.75	2.79	37.04	-58.21	-40.00	-18.21
6930.00	H	266	28	-79.39	8.25	35.86	-59.40	-40.00	-19.40
9240.00	H	-	-	-80.44	10.63	37.19	-58.07	-40.00	-18.07
11550.00	H	-	-	-82.06	12.70	37.64	-57.62	-40.00	-17.62
13860.00	H	-	-	-82.55	16.56	41.01	-54.24	-40.00	-14.24

Table 7-42. Radiated Spurious Data (NR Band n30 – Mid Channel – Ant1)

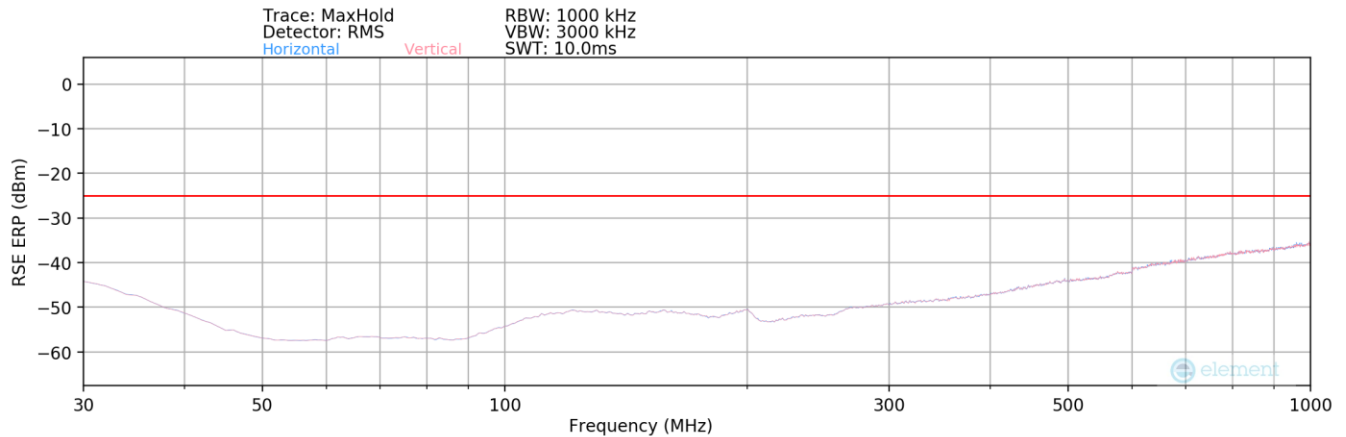
Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 26

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]
4620.00	H	309	90	-75.44	2.79	34.35	-60.90	-25.00	-35.90
6930.00	H	-	-	-79.57	8.25	35.68	-59.58	-25.00	-34.58
9240.00	H	-	-	-80.53	10.63	37.10	-58.16	-25.00	-33.16
11550.00	H	-	-	-81.98	12.70	37.72	-57.54	-25.00	-32.54

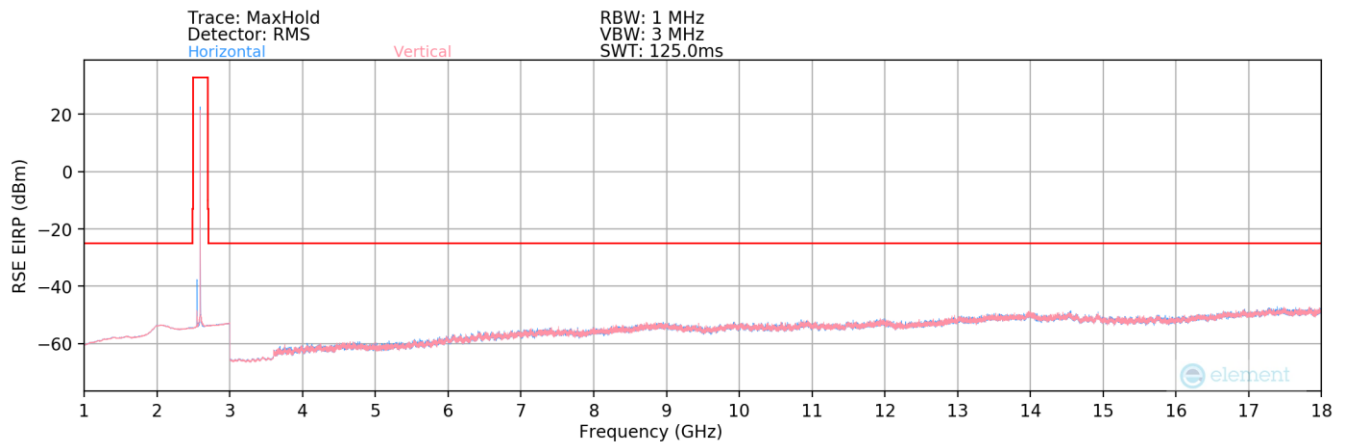
Table 7-43. Radiated Spurious Data with WCP (NR Band n30 – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 176 of 214

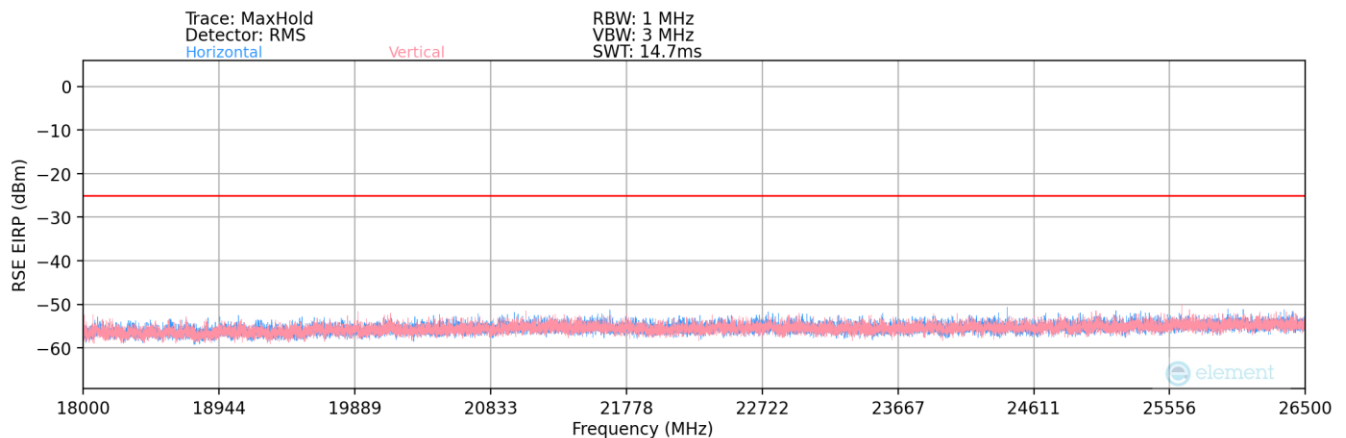
## NR Band n41 – Ant1



Plot 7-257. Radiated Spurious Plot (NR Band n41 – Below 1GHz – Ant1)



Plot 7-258. Radiated Spurious Plot (NR Band n41 – Ant1)



Plot 7-259. Radiated Spurious Plot (NR Band n41 – Above 18GHz – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	100
Frequency (MHz):	2593.00
RB / Offset:	1 / 136
Mode:	Stand Alone
Anchor Band:	-

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]
186.22	H	-	-	-84.81	18.58	40.77	-56.64	-25.00	-31.64

Table 7-44. Radiated Spurious Data (NR Band n41 – Below 1GHz – Ant1)

Bandwidth (MHz):	100
Frequency (MHz):	2546.01
RB / Offset:	1 / 136
Mode:	Stand Alone

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]
5092.02	H	128	21	-70.70	3.29	39.59	-55.66	-25.00	-30.66
7638.03	H	149	29	-72.98	9.13	43.15	-52.11	-25.00	-27.11
10184.04	H	-	-	-79.45	11.61	39.16	-56.10	-25.00	-31.10
12730.05	H	-	-	-79.84	13.49	40.85	-54.61	-25.00	-29.61
15276.06	H	-	-	-79.59	14.34	41.75	-53.50	-25.00	-28.50

Table 7-45. Radiated Spurious Data (NR Band n41 – Low Channel – Ant1)

Bandwidth (MHz):	100
Frequency (MHz):	2592.99
RB / Offset:	1 / 136
Mode:	Stand Alone

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]
5185.98	H	127	20	-70.77	3.49	39.72	-55.53	-25.00	-30.53
7778.97	H	256	42	-72.21	8.22	43.01	-52.25	-25.00	-27.25
10371.96	H	-	-	-79.29	11.63	39.34	-55.92	-25.00	-30.92
12964.95	H	-	-	-79.79	14.13	41.34	-53.92	-25.00	-28.92
15557.94	H	-	-	-79.54	13.98	41.44	-53.82	-25.00	-28.82

Table 7-46. Radiated Spurious Data (NR Band n41 – Mid Channel – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 178 of 214



Bandwidth (MHz):	100
Frequency (MHz):	2640.00
RB / Offset:	1 / 136
Mode:	Stand Alone

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]
5280.00	H	160	24	-73.69	3.34	36.65	-58.61	-25.00	-33.61
7920.00	H	254	318	-74.58	9.19	41.61	-53.65	-25.00	-28.65
10560.00	H	-	-	-79.85	12.23	39.38	-55.88	-25.00	-30.88
13200.00	H	-	-	-79.64	14.71	42.07	-53.18	-25.00	-28.18
15840.00	H	-	-	-80.24	14.94	41.70	-53.56	-25.00	-28.56

Table 7-47. Radiated Spurious Data (NR Band n41 – High Channel – Ant1)

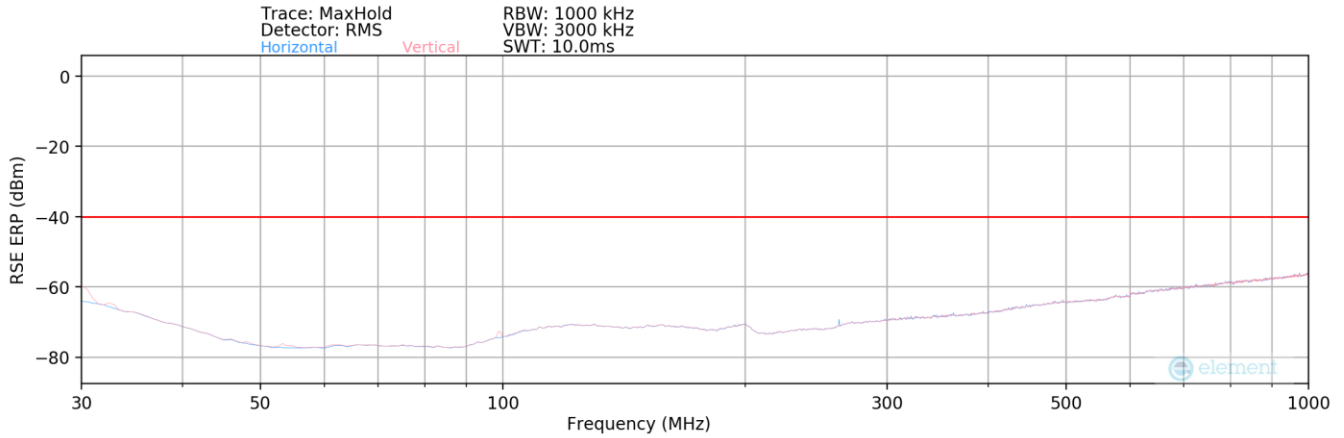
Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	100
Frequency (MHz):	2546.0
RB / Offset:	1 / 136
Mode:	Stand Alone

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]
5092.00	H	194	32	-73.12	3.29	37.17	-58.09	-25.00	-33.09
7638.00	H	146	64	-76.05	9.13	40.08	-55.18	-25.00	-30.18
10184.00	H	-	-	-78.83	11.61	39.78	-55.48	-25.00	-30.48
12730.10	H	-	-	-79.75	13.49	40.74	-54.52	-25.00	-29.52
15276.10	H	-	-	-79.39	14.34	41.95	-53.31	-25.00	-28.31

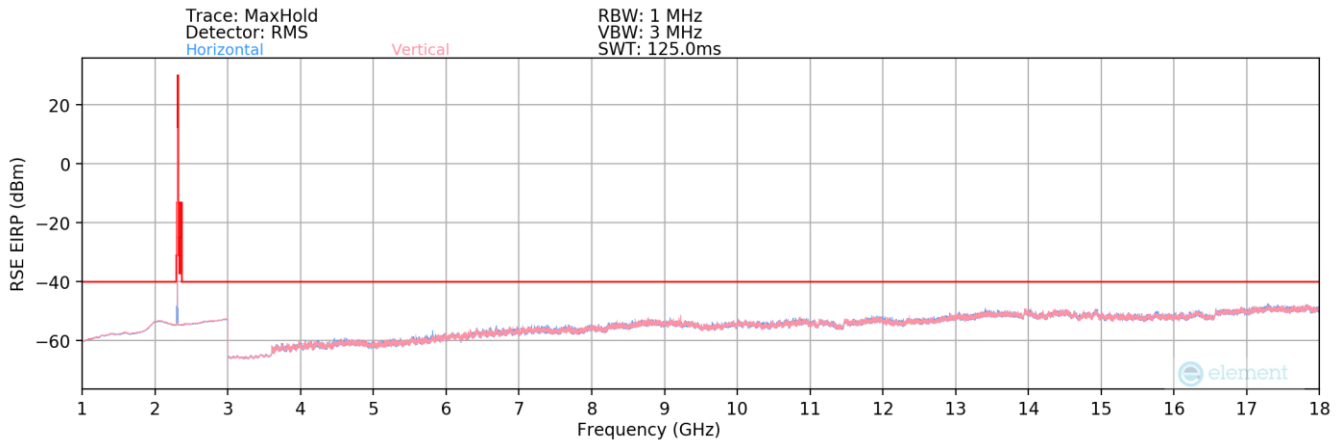
Table 7-48. Radiated Spurious Data with WCP (NR Band n41 – Ant1)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 179 of 214

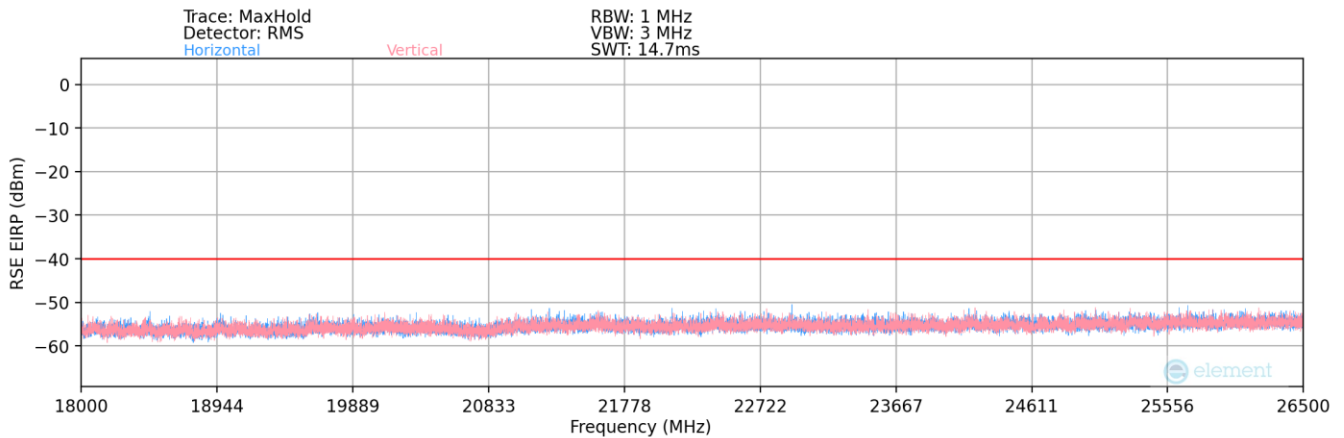
## LTE Band 30 – Ant2



Plot 7-260. Radiated Spurious Plot (LTE Band 30 – Below 1GHz – Ant2)



Plot 7-261. Radiated Spurious Plot (LTE Band 30 – Ant2)



Plot 7-262. Radiated Spurious Plot (LTE Band 30 – Above 18GHz – Ant2)

FCC ID: A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 180 of 214





Bandwidth (MHz):	10
Frequency (MHz):	2310.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
266.56	V	-	-	-100.50	20.34	26.84	-70.57	-40.00	-30.57

Table 7-49. Radiated Spurious Data (LTE Band 30 – Below 1GHz – Ant2)

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
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]
4620.00	V	158	180	-70.81	6.26	42.45	-52.81	-40.00	-12.81
6930.00	V	144	197	-73.66	12.25	45.59	-49.67	-40.00	-9.67
9240.00	V	132	168	-76.59	16.52	46.93	-48.33	-40.00	-8.33
11550.00	V	-	-	-81.09	18.21	44.12	-51.14	-40.00	-11.14
13860.00	V	-	-	-82.89	22.28	46.39	-48.87	-40.00	-8.87
16170.00	V	-	-	-82.57	22.11	46.54	-48.72	-40.00	-8.72

Table 7-50. Radiated Spurious Data (LTE Band 30 – Mid Channel – Ant2)

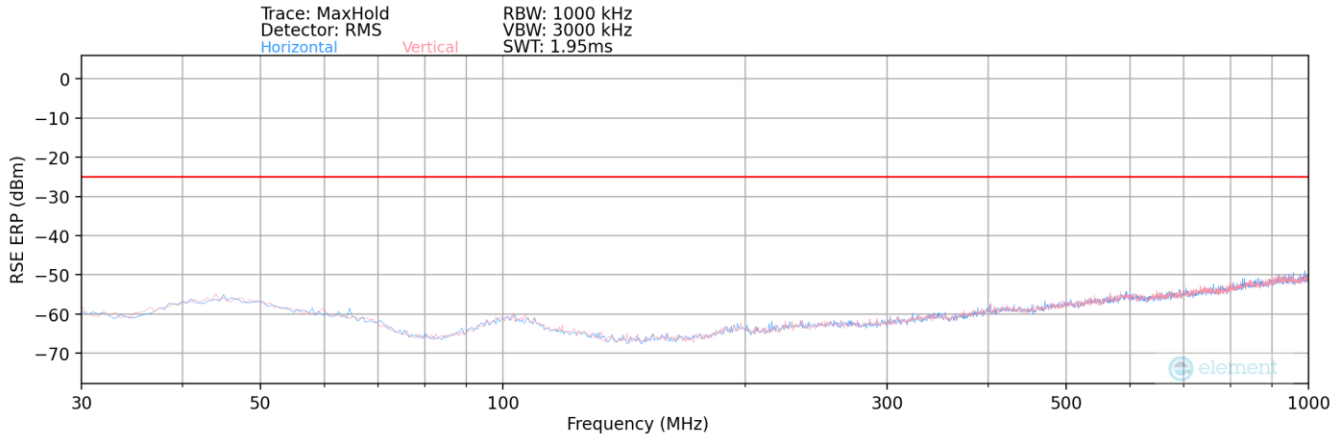
Case:	w/ Wireless Charging Pad
Bandwidth (MHz):	10
Frequency (MHz):	2310.0
RB / Offset:	1 / 25

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]
4620.00	V	163	40	-72.39	6.26	40.87	-54.39	-40.00	-14.39
6930.00	V	129	16	-73.23	12.25	46.02	-49.24	-40.00	-9.24
9240.00	V	145	36	-73.88	16.52	49.64	-45.62	-40.00	-5.62
11550.00	V	-	-	-80.61	18.21	44.60	-50.66	-40.00	-10.66
13860.00	V	-	-	-82.91	22.28	46.37	-48.89	-40.00	-8.89
16170.00	V	-	-	-82.59	22.11	46.52	-48.74	-40.00	-8.74

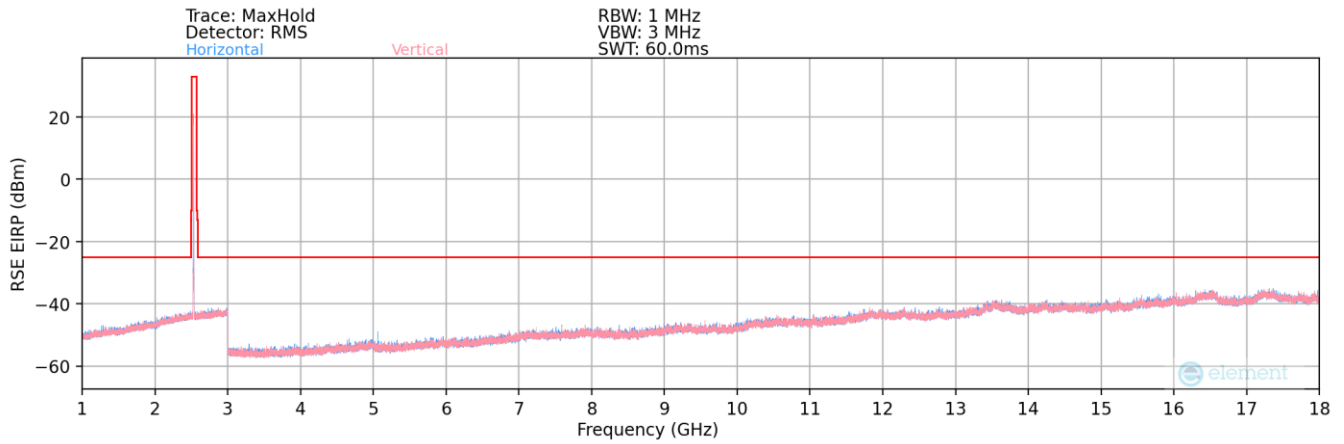
Table 7-51. Radiated Spurious Data with WCP (LTE Band 30 – Ant2)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 181 of 214

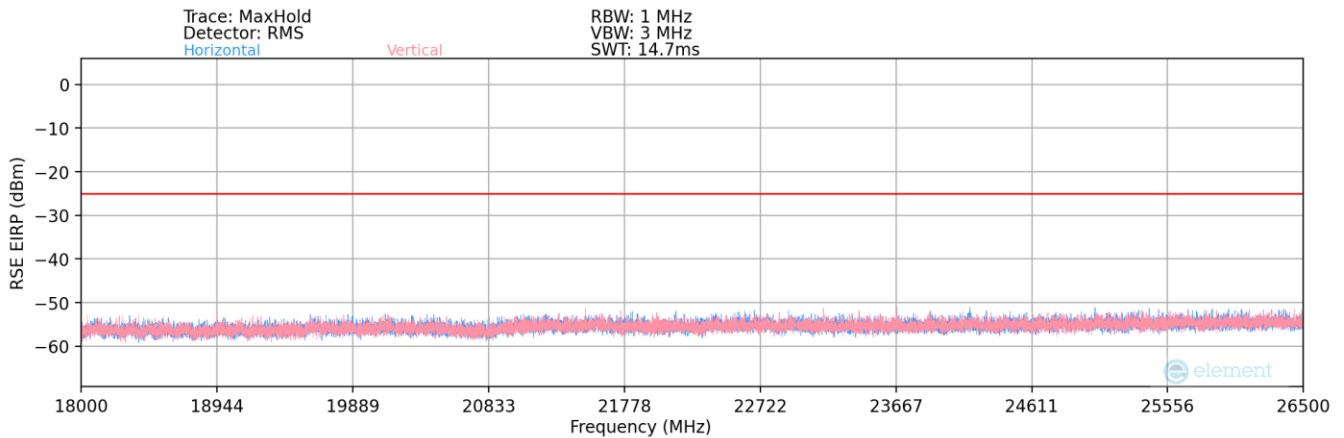
## LTE Band 7 – Ant2



Plot 7-263. Radiated Spurious Plot (LTE Band 7 – Below 1GHz – Ant2)



Plot 7-264. Radiated Spurious Plot (LTE Band 7 – Ant2)



Plot 7-265. Radiated Spurious Plot (LTE Band 7 – Above 18GHz – Ant2)

FCC ID: A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 182 of 214

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
478.00	H	-	-	-75.53	-4.57	26.90	-70.50	-25.00	-45.50

Table 7-52. Radiated Spurious Data (LTE Band 7 – Below 1GHz – Ant2)

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
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]
5020.00	H	208	327	-70.73	9.79	46.06	-49.20	-25.00	-24.20
7530.00	H	114	322	-75.26	15.68	47.42	-47.84	-25.00	-22.84
10040.00	H	-	-	-83.49	19.32	42.83	-52.42	-25.00	-27.42
12550.00	H	-	-	-84.07	23.80	46.73	-48.53	-25.00	-23.53
15060.00	H	-	-	-84.81	27.93	50.12	-45.14	-25.00	-20.14

Table 7-53. Radiated Spurious Data (LTE Band 7 – Low Channel – Ant2)

Bandwidth (MHz):	20
Frequency (MHz):	2535.0
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]
5070.00	H	245	320	-74.36	9.57	42.21	-53.04	-25.00	-28.04
7605.00	H	149	26	-81.16	15.93	41.77	-53.49	-25.00	-28.49
10140.00	H	146	317	-82.06	19.20	44.14	-51.12	-25.00	-26.12
12675.00	H	-	-	-84.44	24.07	46.63	-48.63	-25.00	-23.63
15210.00	H	-	-	-84.88	27.81	49.93	-45.32	-25.00	-20.32
17745.00	H	-	-	-84.66	32.06	54.40	-40.85	-25.00	-15.85

Table 7-54. Radiated Spurious Data (LTE Band 7 – Mid Channel – Ant2)

Bandwidth (MHz):	20
Frequency (MHz):	2560.0
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]
5120.00	H	187	18	-74.44	10.04	42.60	-52.66	-25.00	-27.66
7680.00	H	139	15	-81.56	16.08	41.52	-53.74	-25.00	-28.74
10240.00	H	116	321	-78.14	20.05	48.91	-46.35	-25.00	-21.35
12800.00	H	-	-	-84.46	24.30	46.84	-48.42	-25.00	-23.42
15360.00	H	-	-	-84.93	28.04	50.11	-45.15	-25.00	-20.15
17920.00	H	-	-	-84.92	32.05	54.13	-41.12	-25.00	-16.12

Table 7-55. Radiated Spurious Data (LTE Band 7 – High Channel – Ant2)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 183 of 214



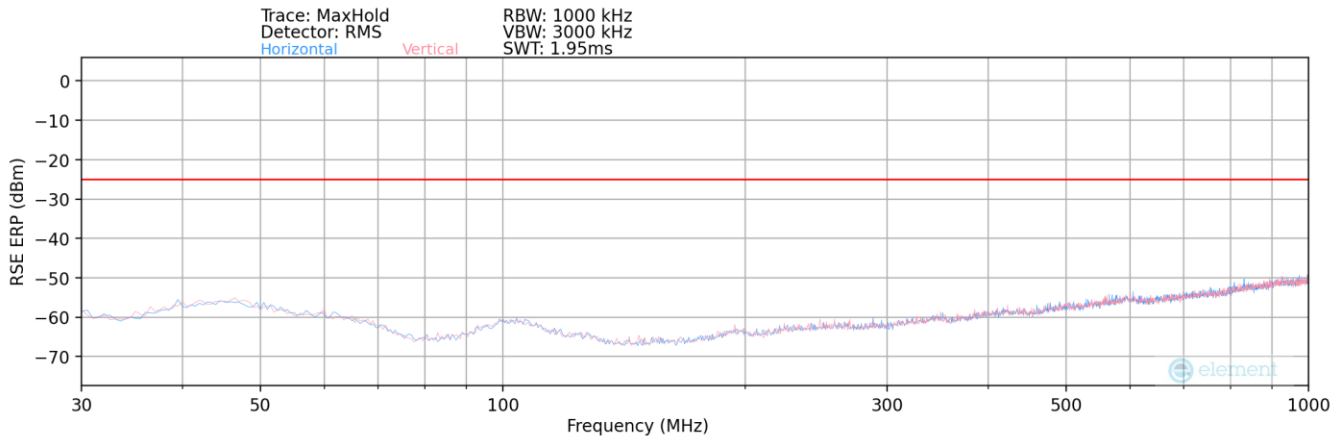
<b>Case:</b>	w/ Wireless Charging Pad
<b>Bandwidth (MHz):</b>	20
<b>Frequency (MHz):</b>	2510.0
<b>RB / Offset:</b>	1 / 50

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]
5020.00	H	175	307	-75.74	9.79	41.05	-54.21	-25.00	-29.21
7530.00	H	225	347	-73.50	15.68	49.18	-46.08	-25.00	-21.08
10040.00	H	-	-	-79.46	19.32	46.86	-48.39	-25.00	-23.39
12550.00	H	-	-	-79.58	23.80	51.22	-44.04	-25.00	-19.04
15060.00	H	-	-	-79.25	27.93	55.68	-39.58	-25.00	-14.58

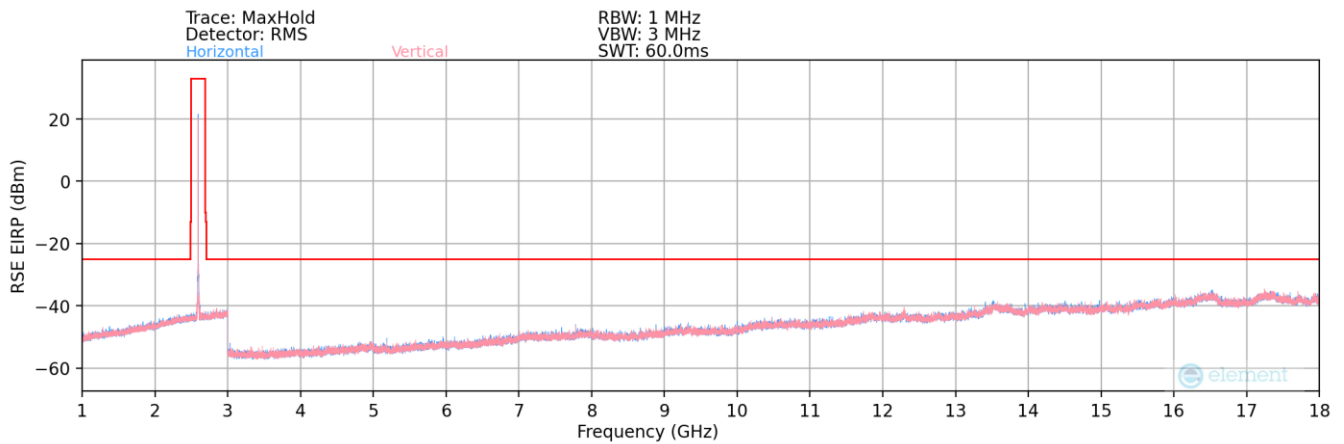
**Table 7-56. Radiated Spurious Data with WCP (LTE Band 7 – Ant2)**

<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2304260060-08.A3L	<b>Test Dates:</b> 5/24/2023 - 7/31/2023	<b>EUT Type:</b> Portable Handset	Page 184 of 214

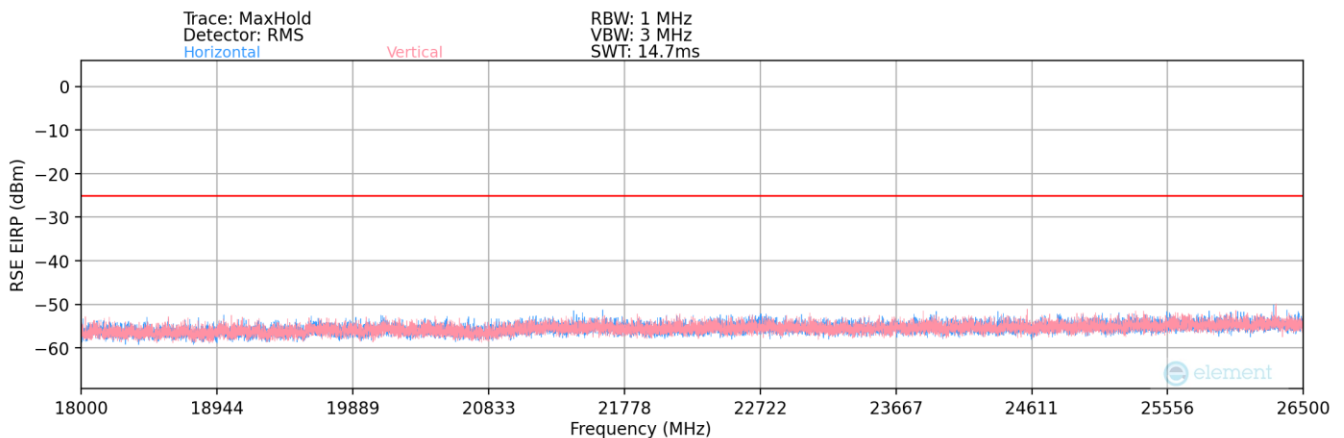
## LTE Band 41(PC2) – Ant2



Plot 7-266. Radiated Spurious Plot (LTE Band 41(PC2) – Below 1GHz – Ant2)



Plot 7-267. Radiated Spurious Plot (LTE Band 41(PC2) – Ant2)



Plot 7-268. Radiated Spurious Plot (LTE Band 41(PC2) – Above 18GHz – Ant2)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 185 of 214

Bandwidth (MHz):	10
Frequency (MHz):	2310.0
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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
266.56	V	-	-	-100.50	20.34	26.84	-70.57	-40.00	-30.57

Table 7-57. Radiated Spurious Data (LTE Band 41(PC2) – Below 1GHz – Ant2)

Bandwidth (MHz):	20
Frequency (MHz):	2510.0
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]
5020.00	V	199	27	-71.61	9.79	45.18	-50.08	-25.00	-25.08
7530.00	V	162	17	-70.04	15.68	52.64	-42.62	-25.00	-17.62
10040.00	V	-	-	-67.79	19.32	58.53	-36.72	-25.00	-11.72
12550.00	V	-	-	-75.95	23.80	54.85	-40.41	-25.00	-15.41
15060.00	V	-	-	-75.72	27.93	59.21	-36.05	-25.00	-11.05
17570.00	V	-	-	-75.63	31.17	62.54	-32.72	-25.00	-7.72

Table 7-58. Radiated Spurious Data (LTE Band 41(PC2) – Low Channel – Ant2)

Bandwidth (MHz):	20
Frequency (MHz):	2593.0
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]
5186.00	V	270	330	-70.02	10.16	47.14	-48.11	-25.00	-23.11
7779.00	V	160	358	-69.66	15.88	53.22	-42.04	-25.00	-17.04
10372.00	V	-	-	-75.07	20.07	52.00	-43.26	-25.00	-18.26
12965.00	V	-	-	-75.43	24.76	56.33	-38.93	-25.00	-13.93
15558.00	V	-	-	-76.24	29.36	60.12	-35.13	-25.00	-10.13

Table 7-59. Radiated Spurious Data (LTE Band 41(PC2) – Mid Channel – Ant2)

Bandwidth (MHz):	20
Frequency (MHz):	2680.0
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]
5360.00	V	160	249	-71.97	10.44	45.47	-49.79	-25.00	-24.79
8040.00	V	258	45	-68.73	16.42	54.69	-40.56	-25.00	-15.56
10720.00	V	-	-	-74.43	20.71	53.28	-41.98	-25.00	-16.98
13400.00	V	-	-	-75.78	25.40	56.62	-38.63	-25.00	-13.63
16080.00	V	-	-	-76.44	29.09	59.65	-35.61	-25.00	-10.61

Table 7-60. Radiated Spurious Data (LTE Band 41(PC2) – High Channel – Ant2)

FCC ID: A3LSMS711U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2304260060-08.A3L	Test Dates: 5/24/2023 - 7/31/2023	EUT Type: Portable Handset	Page 186 of 214



<b>Case:</b>	w/ Wireless Charging Pad
<b>Bandwidth (MHz):</b>	20
<b>Frequency (MHz):</b>	2680.0
<b>RB / Offset:</b>	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]
5360.00	V	115	22	-70.12	10.44	47.32	-47.94	-25.00	-22.94
8040.00	V	250	6	-68.91	16.42	54.51	-40.74	-25.00	-15.74
10720.00	V	-	-	-74.74	20.71	52.97	-42.29	-25.00	-17.29
13400.00	V	-	-	-74.90	25.40	57.50	-37.75	-25.00	-12.75
16080.00	V	-	-	-76.03	29.09	60.06	-35.20	-25.00	-10.20

**Table 7-61. Radiated Spurious Data with WCP (LTE Band 41(PC2) – Ant2)**

<b>FCC ID:</b> A3LSMS711U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1M2304260060-08.A3L	<b>Test Dates:</b> 5/24/2023 - 7/31/2023	<b>EUT Type:</b> Portable Handset	Page 187 of 214