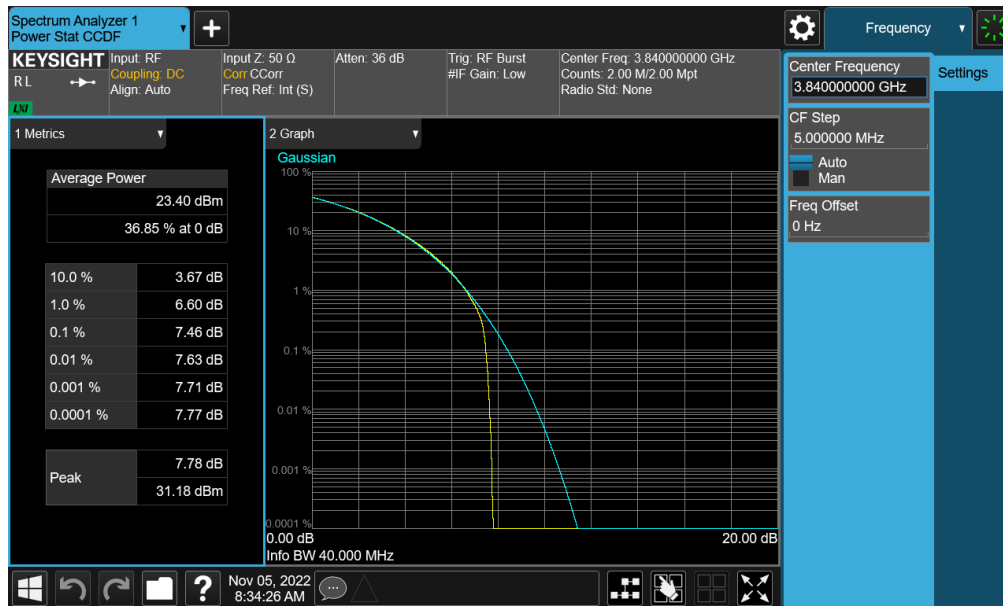
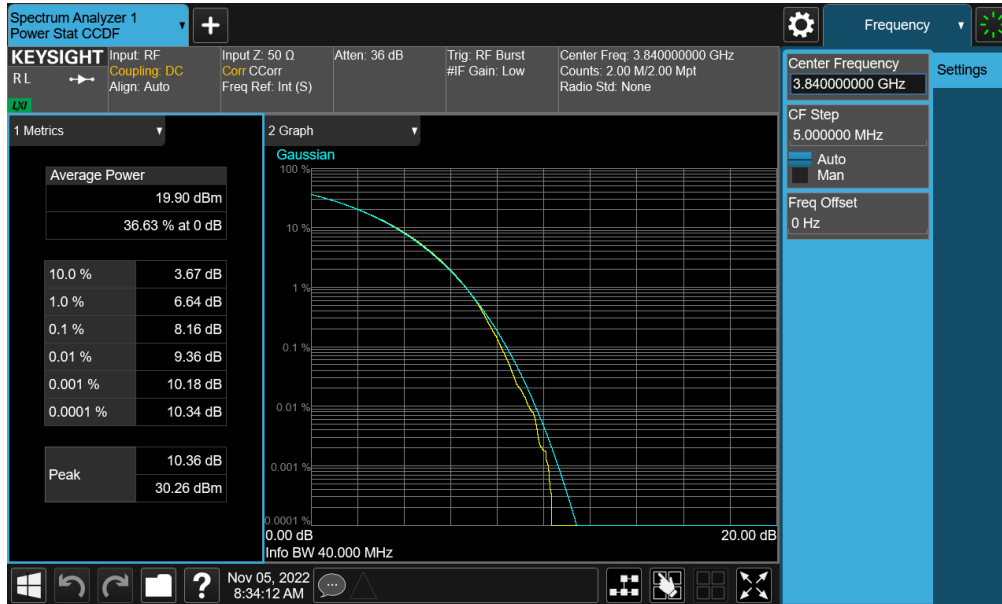


Plot 7-235. PAR Plot (NR Band n77 - C-Band – 40MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

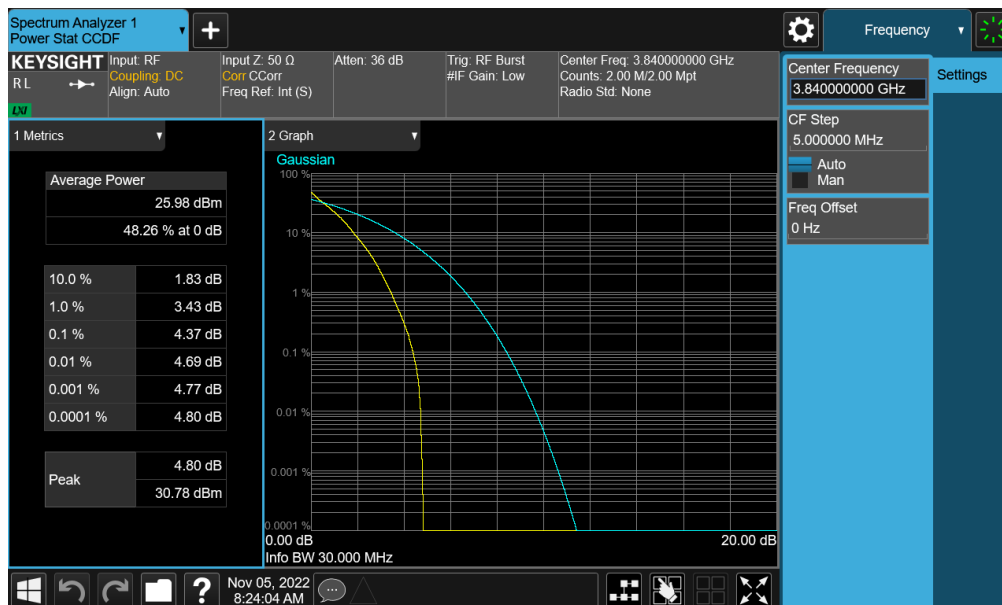


Plot 7-236. PAR Plot (NR Band n77 - C-Band – 40MHz CP-OFDM QPSK - Full RB)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 148 of 200



Plot 7-237. PAR Plot (NR Band n77 - C-Band – 40MHz CP-OFDM 256-QAM - Full RB)



Plot 7-238. PAR Plot (NR Band n77 - C-Band – 30MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 149 of 200

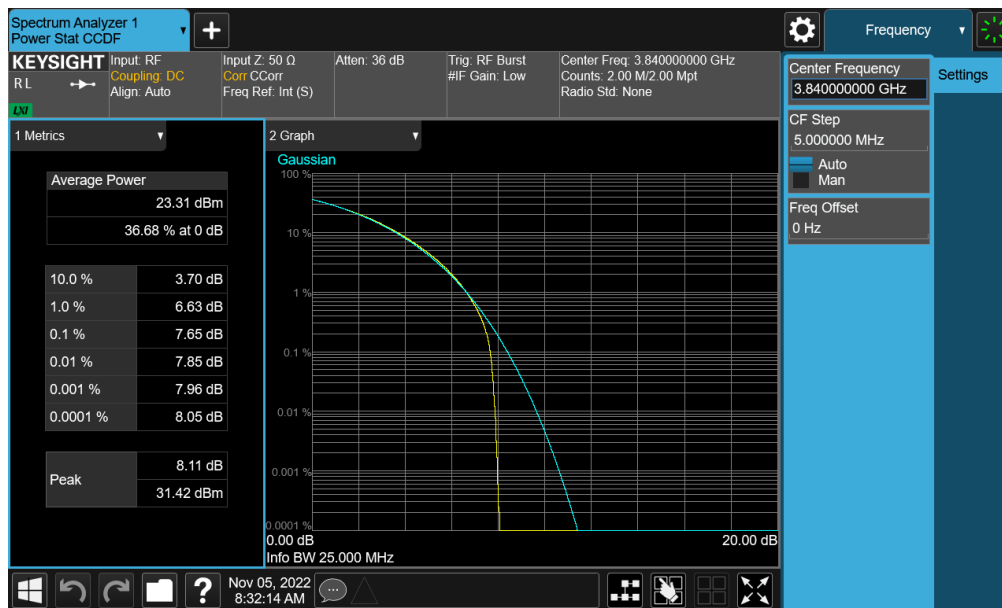


Plot 7-239. PAR Plot (NR Band n77 - C-Band – 30MHz CP-OFDM QPSK - Full RB)



Plot 7-240. PAR Plot (NR Band n77 - C-Band – 30MHz CP-OFDM 256-QAM - Full RB)

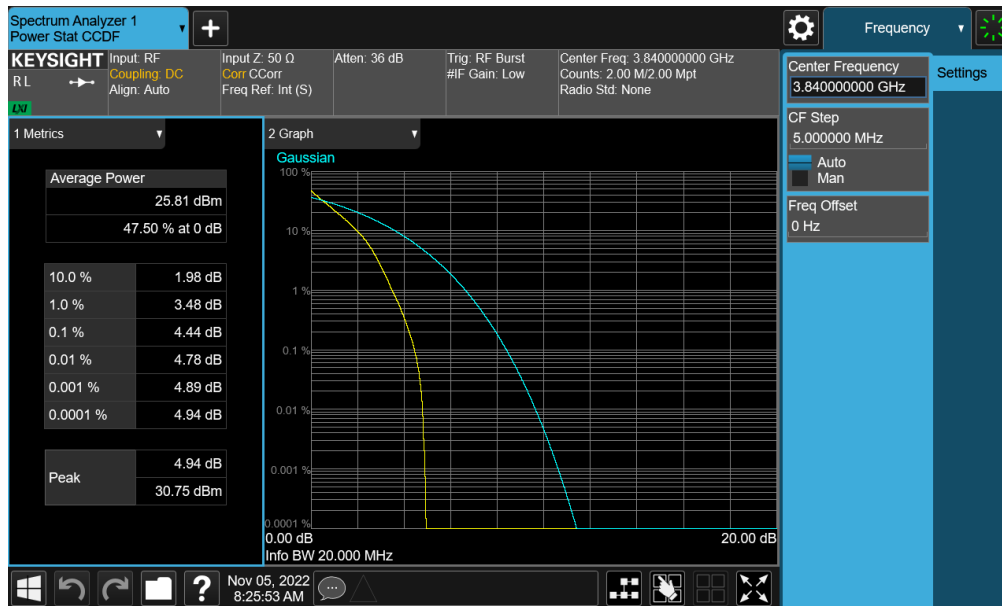
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 150 of 200



FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 151 of 200

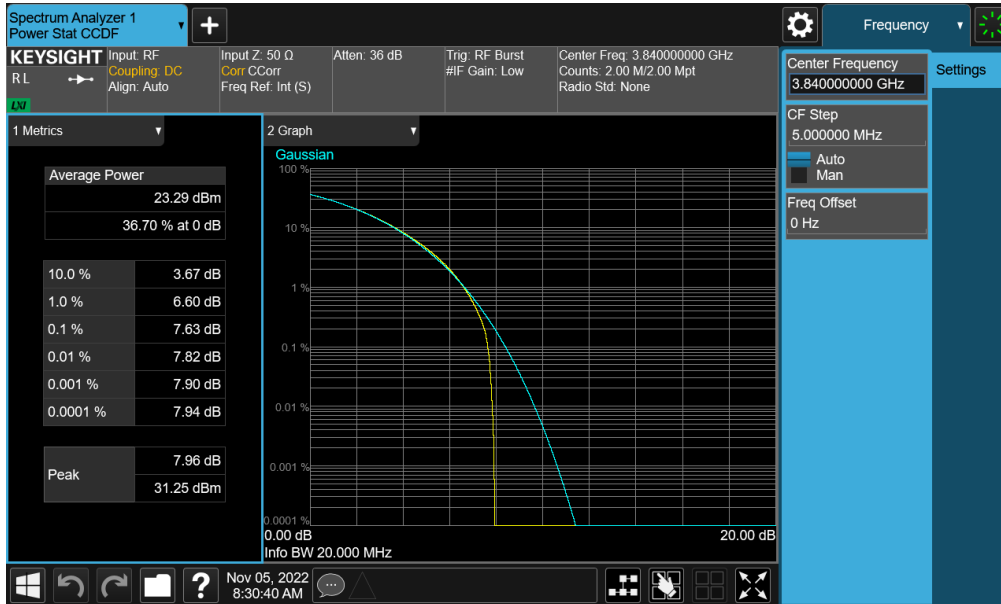


Plot 7-243. PAR Plot (NR Band n77 - C-Band – 25MHz CP-OFDM 256-QAM - Full RB)



Plot 7-244. PAR Plot (NR Band n77 - C-Band – 20MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 152 of 200

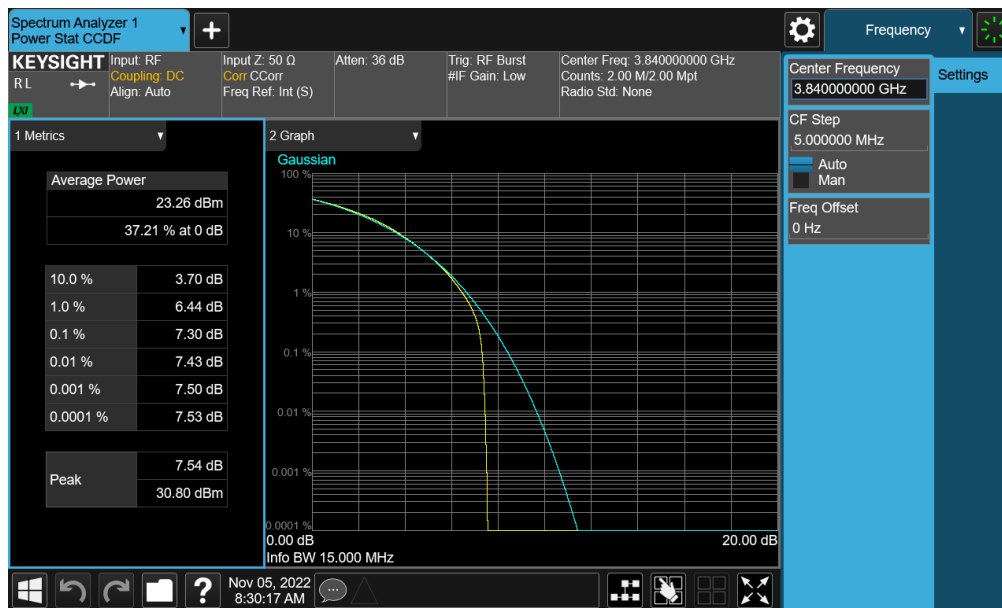
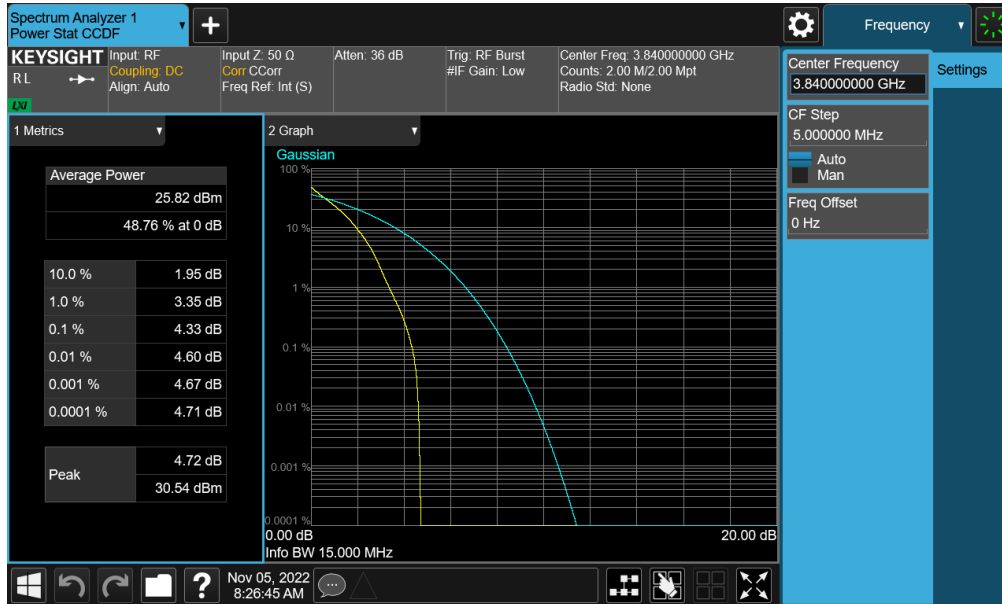


Plot 7-245. PAR Plot (NR Band n77 - C-Band – 20MHz CP-OFDM QPSK - Full RB)



Plot 7-246. PAR Plot (NR Band n77 - C-Band – 20MHz CP-OFDM 256-QAM - Full RB)

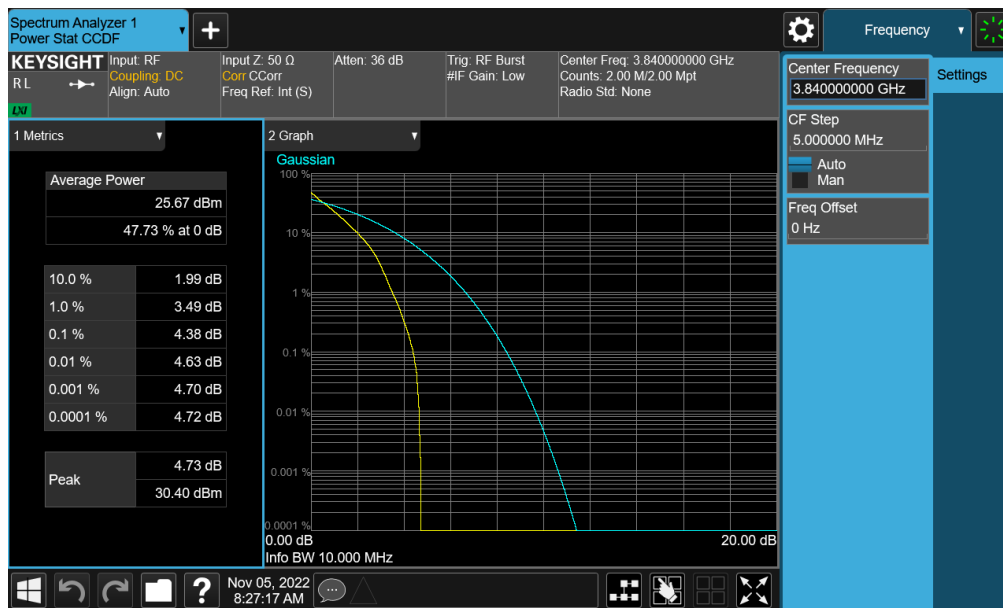
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 153 of 200



FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 154 of 200

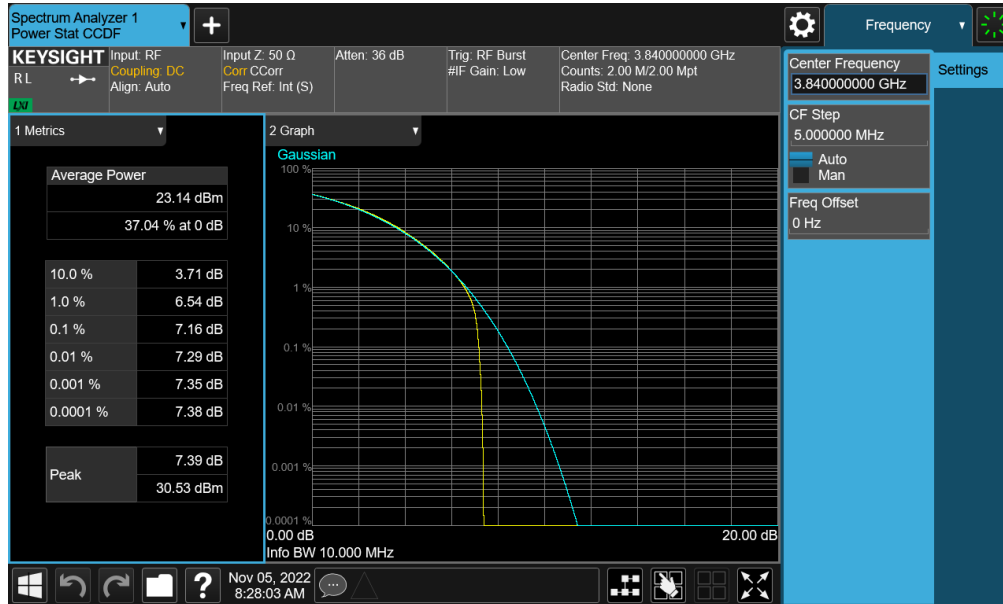


Plot 7-249. PAR Plot (NR Band n77 - C-Band – 15MHz CP-OFDM 256-QAM - Full RB)



Plot 7-250. PAR Plot (NR Band n77 - C-Band – 10MHz DFT-s-OFDM π/2 BPSK - Full RB)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 155 of 200



Plot 7-251. PAR Plot (NR Band n77 - C-Band - 10MHz CP-OFDM QPSK - Full RB)



Plot 7-252. PAR Plot (NR Band n77 - C-Band - 10MHz CP-OFDM 256-QAM - Full RB)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 156 of 200

7.7 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”. For signals with pulsed operation, triggering is set to only enable during 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.

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 157 of 200

Test Setup

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

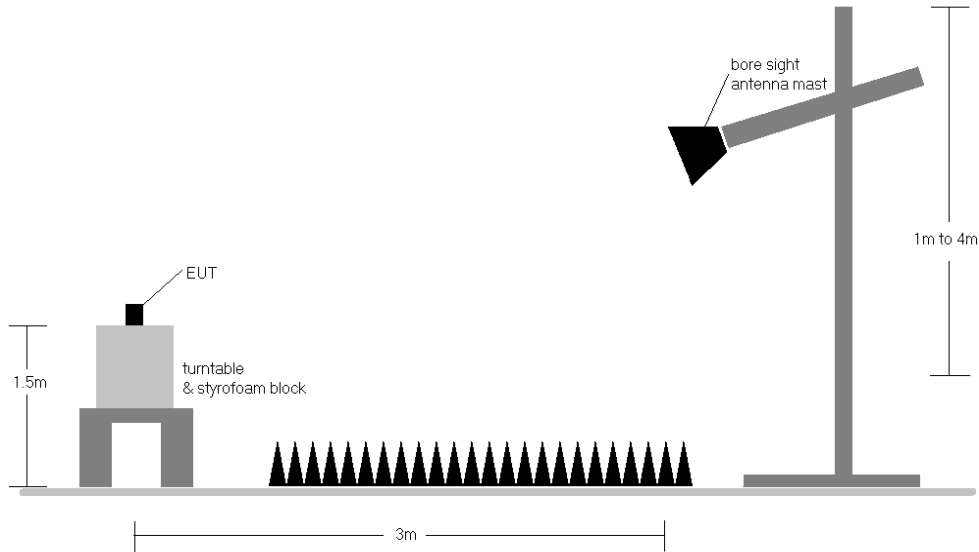


Figure 7-6. Radiated Test Setup >1GHz

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.

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 158 of 200



NR Band n77 (PC2) - DoD Band

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	3500.0	H	182	337	6.85	1 / 204	17.56	24.41	0.276	30.00	-5.59
	QPSK	3500.0	H	182	337	6.85	1 / 204	17.33	24.18	0.262	30.00	-5.82
	16-QAM	3500.0	H	182	337	6.85	1 / 204	16.11	22.96	0.198	30.00	-7.04
90 MHz	$\pi/2$ BPSK	3495.0	H	182	337	6.86	1 / 122	17.28	24.14	0.260	30.00	-5.86
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 122	17.34	24.19	0.263	30.00	-5.81
	$\pi/2$ BPSK	3505.0	H	182	337	6.87	1 / 122	17.39	24.25	0.266	30.00	-5.75
	QPSK	3495.0	H	182	337	6.86	1 / 122	17.06	23.92	0.247	30.00	-6.08
	QPSK	3500.0	H	182	337	6.85	1 / 122	17.12	23.97	0.250	30.00	-6.03
	QPSK	3505.0	H	182	337	6.87	1 / 122	17.17	24.03	0.253	30.00	-5.97
	16-QAM	3495.0	H	182	337	6.86	1 / 61	15.49	22.35	0.172	30.00	-7.65
	16-QAM	3500.0	H	182	337	6.85	1 / 122	15.77	22.62	0.183	30.00	-7.38
	16-QAM	3505.0	H	182	337	6.87	1 / 122	15.76	22.62	0.183	30.00	-7.38
80 MHz	$\pi/2$ BPSK	3490.0	H	182	337	6.87	1 / 162	17.37	24.24	0.266	30.00	-5.76
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 162	17.17	24.02	0.253	30.00	-5.98
	$\pi/2$ BPSK	3510.0	H	182	337	6.88	1 / 108	17.16	24.04	0.254	30.00	-5.96
	QPSK	3490.0	H	182	337	6.87	1 / 162	17.16	24.03	0.253	30.00	-5.97
	QPSK	3500.0	H	182	337	6.85	1 / 162	17.01	23.86	0.243	30.00	-6.14
	QPSK	3510.0	H	182	337	6.88	1 / 108	17.03	23.91	0.246	30.00	-6.09
	16-QAM	3490.0	H	182	337	6.87	1 / 162	15.60	22.47	0.177	30.00	-7.53
	16-QAM	3500.0	H	182	337	6.85	1 / 162	15.65	22.50	0.178	30.00	-7.50
	16-QAM	3510.0	H	182	337	6.88	1 / 108	15.59	22.47	0.177	30.00	-7.53
70 MHz	$\pi/2$ BPSK	3485.0	H	182	337	6.88	1 / 141	17.31	24.19	0.263	30.00	-5.81
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 94	17.35	24.20	0.263	30.00	-5.80
	$\pi/2$ BPSK	3515.0	H	182	337	6.89	1 / 141	17.36	24.25	0.266	30.00	-5.75
	QPSK	3485.0	H	182	337	6.88	1 / 141	17.11	23.99	0.251	30.00	-6.01
	QPSK	3500.0	H	182	337	6.85	1 / 94	17.12	23.97	0.250	30.00	-6.03
	QPSK	3515.0	H	182	337	6.89	1 / 141	17.20	24.09	0.257	30.00	-5.91
	16-QAM	3485.0	H	182	337	6.88	1 / 141	15.79	22.67	0.185	30.00	-7.33
	16-QAM	3500.0	H	182	337	6.85	1 / 47	15.82	22.67	0.185	30.00	-7.33
	16-QAM	3515.0	H	182	337	6.89	1 / 47	15.82	22.71	0.187	30.00	-7.29
60 MHz	$\pi/2$ BPSK	3480.0	H	182	337	6.89	1 / 121	17.47	24.36	0.273	30.00	-5.64
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 81	17.49	24.34	0.272	30.00	-5.66
	$\pi/2$ BPSK	3520.0	H	182	337	6.91	1 / 81	17.35	24.26	0.267	30.00	-5.74
	QPSK	3480.0	H	182	337	6.89	1 / 121	17.28	24.17	0.261	30.00	-5.83
	QPSK	3500.0	H	182	337	6.85	1 / 81	17.32	24.17	0.261	30.00	-5.83
	QPSK	3520.0	H	182	337	6.91	1 / 81	17.18	24.09	0.257	30.00	-5.91
	16-QAM	3480.0	H	182	337	6.89	1 / 81	15.99	22.88	0.194	30.00	-7.12
	16-QAM	3500.0	H	182	337	6.85	1 / 81	15.93	22.78	0.190	30.00	-7.22
	16-QAM	3520.0	H	182	337	6.91	1 / 81	15.77	22.68	0.185	30.00	-7.32
50 MHz	$\pi/2$ BPSK	3475.0	H	182	337	6.91	1 / 33	17.25	24.15	0.260	30.00	-5.85
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 33	17.48	24.33	0.271	30.00	-5.67
	$\pi/2$ BPSK	3525.0	H	182	337	6.92	1 / 33	17.37	24.29	0.269	30.00	-5.71
	QPSK	3475.0	H	182	337	6.91	1 / 33	17.09	23.99	0.251	30.00	-6.01
	QPSK	3500.0	H	182	337	6.85	1 / 33	17.28	24.13	0.259	30.00	-5.87
	QPSK	3525.0	H	182	337	6.92	1 / 33	17.18	24.10	0.257	30.00	-5.90
	16-QAM	3475.0	H	182	337	6.91	1 / 33	15.67	22.57	0.181	30.00	-7.43
	16-QAM	3500.0	H	182	337	6.85	1 / 99	15.92	22.77	0.189	30.00	-7.23
	16-QAM	3525.0	H	182	337	6.92	1 / 33	15.77	22.69	0.186	30.00	-7.31

Table 7-18. EIRP Data (NR Band n77 - DoD Band – 50MHz-100MHz Bandwidths – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 159 of 200

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]
40 MHz	$\pi/2$ BPSK	3470.0	H	182	337	6.92	1 / 79	17.57	24.48	0.281	30.00	-5.52
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 79	17.64	24.49	0.281	30.00	-5.51
	$\pi/2$ BPSK	3530.0	H	182	337	6.94	1 / 79	17.54	24.47	0.280	30.00	-5.53
	QPSK	3470.0	H	182	337	6.92	1 / 79	17.34	24.25	0.266	30.00	-5.75
	QPSK	3500.0	H	182	337	6.85	1 / 79	17.47	24.32	0.271	30.00	-5.68
	QPSK	3530.0	H	182	337	6.94	1 / 79	17.46	24.39	0.275	30.00	-5.61
	16-QAM	3470.0	H	182	337	6.92	1 / 79	16.14	23.05	0.202	30.00	-6.95
	16-QAM	3500.0	H	182	337	6.85	1 / 79	16.06	22.91	0.196	30.00	-7.09
16-QAM	3530.0	H	182	337	6.94	1 / 26	15.95	22.88	0.194	30.00	-7.12	
30 MHz	$\pi/2$ BPSK	3465.0	H	182	337	6.93	1 / 58	17.56	24.48	0.281	30.00	-5.52
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 58	17.61	24.46	0.279	30.00	-5.54
	$\pi/2$ BPSK	3535.0	H	182	337	6.95	1 / 58	17.60	24.55	0.285	30.00	-5.45
	QPSK	3465.0	H	182	337	6.93	1 / 58	17.36	24.28	0.268	30.00	-5.72
	QPSK	3500.0	H	182	337	6.85	1 / 58	17.45	24.30	0.269	30.00	-5.70
	QPSK	3535.0	H	182	337	6.95	1 / 19	17.34	24.29	0.269	30.00	-5.71
	16-QAM	3465.0	H	182	337	6.93	1 / 58	16.05	22.97	0.198	30.00	-7.03
	16-QAM	3500.0	H	182	337	6.85	1 / 58	16.08	22.93	0.196	30.00	-7.07
16-QAM	3535.0	H	182	337	6.95	1 / 58	16.04	22.99	0.199	30.00	-7.01	
25 MHz	$\pi/2$ BPSK	3462.5	H	182	337	6.93	1 / 48	17.53	24.46	0.279	30.00	-5.54
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 48	17.72	24.57	0.287	30.00	-5.43
	$\pi/2$ BPSK	3537.5	H	182	337	6.96	1 / 48	17.75	24.70	0.295	30.00	-5.30
	QPSK	3462.5	H	182	337	6.93	1 / 48	17.33	24.26	0.267	30.00	-5.74
	QPSK	3500.0	H	182	337	6.85	1 / 48	17.49	24.34	0.272	30.00	-5.66
	QPSK	3537.5	H	182	337	6.96	1 / 48	17.53	24.48	0.281	30.00	-5.52
	16-QAM	3462.5	H	182	337	6.93	1 / 48	15.98	22.91	0.196	30.00	-7.09
	16-QAM	3500.0	H	182	337	6.85	1 / 32	16.01	22.86	0.193	30.00	-7.14
16-QAM	3537.5	H	182	337	6.96	1 / 48	16.24	23.19	0.209	30.00	-6.81	
20 MHz	$\pi/2$ BPSK	3460.0	H	182	337	6.94	1 / 37	17.56	24.49	0.281	30.00	-5.51
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 37	17.73	24.58	0.287	30.00	-5.42
	$\pi/2$ BPSK	3540.0	H	182	337	6.96	1 / 37	17.62	24.58	0.287	30.00	-5.42
	QPSK	3460.0	H	182	337	6.94	1 / 25	17.25	24.18	0.262	30.00	-5.82
	QPSK	3500.0	H	182	337	6.85	1 / 37	17.51	24.36	0.273	30.00	-5.64
	QPSK	3540.0	H	182	337	6.96	1 / 37	17.41	24.37	0.274	30.00	-5.63
	16-QAM	3460.0	H	182	337	6.94	1 / 37	15.90	22.83	0.192	30.00	-7.17
	16-QAM	3500.0	H	182	337	6.85	1 / 25	16.01	22.86	0.193	30.00	-7.14
16-QAM	3540.0	H	182	337	6.96	1 / 25	16.12	23.08	0.203	30.00	-6.92	
15 MHz	$\pi/2$ BPSK	3457.5	H	182	337	6.94	1 / 28	17.43	24.37	0.274	30.00	-5.63
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 28	17.62	24.47	0.280	30.00	-5.53
	$\pi/2$ BPSK	3542.5	H	182	337	6.97	1 / 28	17.60	24.57	0.287	30.00	-5.43
	QPSK	3457.5	H	182	337	6.94	1 / 28	17.27	24.21	0.264	30.00	-5.79
	QPSK	3500.0	H	182	337	6.85	1 / 28	17.40	24.25	0.266	30.00	-5.75
	QPSK	3542.5	H	182	337	6.97	1 / 19	17.31	24.28	0.268	30.00	-5.72
	16-QAM	3457.5	H	182	337	6.94	1 / 28	15.73	22.67	0.185	30.00	-7.33
	16-QAM	3500.0	H	182	337	6.85	1 / 19	16.00	22.85	0.193	30.00	-7.15
16-QAM	3542.5	H	182	337	6.97	1 / 28	15.95	22.92	0.196	30.00	-7.08	
10 MHz	$\pi/2$ BPSK	3455.0	H	182	337	6.95	1 / 17	17.28	24.23	0.265	30.00	-5.77
	$\pi/2$ BPSK	3500.0	H	182	337	6.85	1 / 17	17.49	24.34	0.272	30.00	-5.66
	$\pi/2$ BPSK	3545.0	H	182	337	6.98	1 / 17	17.42	24.39	0.275	30.00	-5.61
	QPSK	3455.0	H	182	337	6.95	1 / 17	17.00	23.95	0.248	30.00	-6.05
	QPSK	3500.0	H	182	337	6.85	1 / 17	17.30	24.15	0.260	30.00	-5.85
	QPSK	3545.0	H	182	337	6.98	1 / 17	17.17	24.14	0.260	30.00	-5.86
	16-QAM	3455.0	H	182	337	6.95	1 / 17	15.72	22.67	0.185	30.00	-7.33
	16-QAM	3500.0	H	182	337	6.85	1 / 17	16.04	22.89	0.195	30.00	-7.11
16-QAM	3545.0	H	182	337	6.98	1 / 17	15.85	22.82	0.192	30.00	-7.18	
100 MHz	QPSK (CP-OFDM)	3500.0	H	182	337	6.85	1 / 204	16.04	22.89	0.195	30.00	-7.11
	QPSK (Opposite Pol.)	3500.0	V	122	11	6.85	1 / 204	14.20	21.05	0.127	30.00	-8.95
	QPSK (WCP)	3500.0	H	174	8	6.85	1 / 68	15.70	22.55	0.180	30.00	-7.45

Table 7-19. EIRP Data (NR Band n77 - DoD Band - 10MHz-40MHz Bandwidths - SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 160 of 200

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	3500.01	V	108	260	7.16	1 / 68	5.24	12.40	0.017	30.00	-17.60
	QPSK	3500.01	V	108	260	7.16	1 / 68	5.20	12.36	0.017	30.00	-17.64
	16-QAM	3500.01	V	108	260	7.16	1 / 68	5.00	12.16	0.016	30.00	-17.84
100 MHz	QPSK (CP-OFDM)	3500.0	V	118	260	7.16	1 / 204	4.79	11.95	0.016	30.00	-18.05
	QPSK (Opposite Pol.)	3500.0	H	137	180	7.74	1 / 136	2.89	10.63	0.012	30.00	-19.37

Table 7-20. EIRP Data (NR Band n77 - DoD Band – SRS-2)

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	3500.01	H	218	320	7.74	1 / 204	8.23	15.97	0.040	30.00	-14.03
	QPSK	3500.01	H	218	320	7.74	1 / 204	8.17	15.91	0.039	30.00	-14.09
	16-QAM	3500.01	H	218	320	7.74	1 / 204	8.04	15.78	0.038	30.00	-14.22
100 MHz	QPSK (CP-OFDM)	3500.0	H	225	321	7.74	1 / 204	7.75	15.49	0.035	30.00	-14.51
	QPSK (Opposite Pol.)	3500.0	V	372	8	7.16	1 / 204	7.67	14.83	0.030	30.00	-15.17

Table 7-21. EIRP Data (NR Band n77 - DoD Band – SRS-3)

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	3500.01	V	174	341	7.16	1 / 136	8.05	15.21	0.033	30.00	-14.79
	QPSK	3500.01	V	174	341	7.16	1 / 136	8.09	15.25	0.033	30.00	-14.75
	16-QAM	3500.01	V	174	341	7.16	1 / 136	7.53	14.69	0.029	30.00	-15.31
100 MHz	QPSK (CP-OFDM)	3500.0	V	174	341	7.16	1 / 204	7.60	14.76	0.030	30.00	-15.24
	QPSK (Opposite Pol.)	3500.0	H	146	13	7.74	1 / 136	3.23	10.97	0.012	30.00	-19.03

Table 7-22. EIRP Data (NR Band n77 - DoD Band – SRS-4)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1-A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 161 of 200



NR Band n77 (PC2) - C-Band

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	3750.00	V	123	349	6.83	1 / 136	13.99	20.82	0.121	30.00	-9.18
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 68	16.37	22.84	0.192	30.00	-7.16
	$\pi/2$ BPSK	3930.00	V	117	347	6.49	1 / 68	17.70	24.19	0.263	30.00	-5.81
	QPSK	3750.00	V	123	349	6.83	1 / 136	13.95	20.78	0.120	30.00	-9.22
	QPSK	3840.00	V	112	7	6.47	1 / 68	16.60	23.07	0.203	30.00	-6.93
	QPSK	3930.00	V	117	347	6.49	1 / 68	18.04	24.53	0.284	30.00	-5.47
90 MHz	16-QAM	3930.00	V	117	347	6.49	1 / 136	17.30	23.79	0.240	30.00	-6.21
	$\pi/2$ BPSK	3745.02	V	123	349	6.81	1 / 183	13.76	20.56	0.114	30.00	-9.44
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 61	16.22	22.69	0.186	30.00	-7.31
	$\pi/2$ BPSK	3934.98	V	117	347	6.49	1 / 183	18.10	24.58	0.287	30.00	-5.42
	QPSK	3745.02	V	123	349	6.81	1 / 183	13.60	20.40	0.110	30.00	-9.60
	QPSK	3840.00	V	112	7	6.47	1 / 183	16.94	23.41	0.219	30.00	-6.59
80 MHz	QPSK	3934.98	V	117	347	6.49	1 / 183	18.82	25.30	0.339	30.00	-4.70
	16-QAM	3934.98	V	117	347	6.49	1 / 61	17.45	23.93	0.247	30.00	-6.07
	$\pi/2$ BPSK	3740.01	V	123	349	6.78	1 / 108	13.76	20.54	0.113	30.00	-9.46
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 108	16.32	22.79	0.190	30.00	-7.21
	$\pi/2$ BPSK	3939.99	V	117	347	6.48	1 / 108	18.16	24.63	0.291	30.00	-5.37
	QPSK	3740.01	V	123	349	6.78	1 / 108	13.49	20.27	0.107	30.00	-9.73
70 MHz	QPSK	3840.00	V	112	7	6.47	1 / 162	16.95	23.42	0.220	30.00	-6.58
	QPSK	3939.99	V	117	347	6.48	1 / 54	18.88	25.35	0.343	30.00	-4.65
	16-QAM	3939.99	V	117	347	6.48	1 / 108	17.51	23.98	0.250	30.00	-6.02
	$\pi/2$ BPSK	3735.00	V	123	349	6.76	1 / 94	13.77	20.52	0.113	30.00	-9.48
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 141	16.26	22.73	0.188	30.00	-7.27
	$\pi/2$ BPSK	3945.00	V	117	347	6.47	1 / 141	18.29	24.75	0.299	30.00	-5.25
60 MHz	QPSK	3735.00	V	123	349	6.76	1 / 94	13.49	20.24	0.106	30.00	-9.76
	QPSK	3840.00	V	112	7	6.47	1 / 94	16.87	23.34	0.216	30.00	-6.66
	QPSK	3945.00	V	117	347	6.47	1 / 94	18.74	25.20	0.331	30.00	-4.80
	16-QAM	3945.00	V	117	347	6.47	1 / 47	17.36	23.82	0.241	30.00	-6.18
	$\pi/2$ BPSK	3730.02	V	123	349	6.73	1 / 121	14.08	20.81	0.121	30.00	-9.19
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 121	16.32	22.79	0.190	30.00	-7.21
50 MHz	$\pi/2$ BPSK	3949.98	V	117	347	6.46	1 / 121	18.42	24.87	0.307	30.00	-5.13
	QPSK	3730.02	V	123	349	6.73	1 / 81	13.66	20.39	0.109	30.00	-9.61
	QPSK	3840.00	V	112	7	6.47	1 / 81	16.88	23.35	0.216	30.00	-6.65
	QPSK	3949.98	V	117	347	6.46	1 / 121	19.04	25.49	0.354	30.00	-4.51
	16-QAM	3949.98	V	117	347	6.46	1 / 121	17.53	23.98	0.250	30.00	-6.02
	$\pi/2$ BPSK	3725.01	V	123	349	6.71	1 / 99	14.03	20.73	0.118	30.00	-9.27
50 MHz	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 99	16.39	22.86	0.193	30.00	-7.14
	$\pi/2$ BPSK	3954.99	V	117	347	6.43	1 / 66	18.52	24.95	0.313	30.00	-5.05
	QPSK	3725.01	V	123	349	6.71	1 / 33	13.57	20.27	0.107	30.00	-9.73
	QPSK	3840.00	V	112	7	6.47	1 / 99	16.95	23.42	0.220	30.00	-6.58
	QPSK	3954.99	V	117	347	6.43	1 / 99	19.04	25.47	0.353	30.00	-4.53
16-QAM	3954.99	V	117	347	6.43	1 / 99	17.59	24.02	0.253	30.00	-5.98	

Table 7-23. EIRP Data (NR Band n77 – C-Band – 50MHz-100MHz Bandwidths – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 162 of 200

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]
40 MHz	$\pi/2$ BPSK	3720.00	V	123	349	6.68	1 / 79	14.32	21.00	0.126	30.00	-9.00
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 26	16.59	23.06	0.202	30.00	-6.94
	$\pi/2$ BPSK	3960.00	V	117	347	6.41	1 / 79	18.62	25.03	0.319	30.00	-4.97
	QPSK	3720.00	V	123	349	6.68	1 / 53	14.05	20.73	0.118	30.00	-9.27
	QPSK	3840.00	V	112	7	6.47	1 / 79	17.15	23.62	0.230	30.00	-6.38
	QPSK	3960.00	V	117	347	6.41	1 / 26	19.30	25.71	0.373	30.00	-4.29
30 MHz	16-QAM	3960.00	V	117	347	6.41	1 / 79	17.86	24.27	0.268	30.00	-5.73
	$\pi/2$ BPSK	3715.02	V	123	349	6.66	1 / 58	14.21	20.86	0.122	30.00	-9.14
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 19	16.45	22.92	0.196	30.00	-7.08
	$\pi/2$ BPSK	3964.98	V	117	347	6.39	1 / 58	18.54	24.93	0.312	30.00	-5.07
	QPSK	3715.02	V	123	349	6.66	1 / 19	14.00	20.65	0.116	30.00	-9.35
	QPSK	3840.00	V	112	7	6.47	1 / 19	17.16	23.63	0.231	30.00	-6.37
25 MHz	QPSK	3964.98	V	117	347	6.39	1 / 58	19.27	25.66	0.369	30.00	-4.34
	16-QAM	3964.98	V	117	347	6.39	1 / 58	17.88	24.27	0.268	30.00	-5.73
	$\pi/2$ BPSK	3712.50	V	123	349	6.64	1 / 16	14.24	20.88	0.123	30.00	-9.12
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 48	16.40	22.87	0.194	30.00	-7.13
	$\pi/2$ BPSK	3967.50	V	117	347	6.38	1 / 16	18.50	24.88	0.308	30.00	-5.12
	QPSK	3712.50	V	123	349	6.64	1 / 16	14.03	20.67	0.117	30.00	-9.33
20 MHz	QPSK	3840.00	V	112	7	6.47	1 / 48	17.13	23.60	0.229	30.00	-6.40
	QPSK	3967.50	V	117	347	6.38	1 / 16	19.26	25.64	0.367	30.00	-4.36
	16-QAM	3967.50	V	117	347	6.38	1 / 16	17.82	24.20	0.263	30.00	-5.80
	$\pi/2$ BPSK	3710.01	V	123	349	6.63	1 / 13	14.19	20.82	0.121	30.00	-9.18
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 13	16.30	22.77	0.189	30.00	-7.23
	$\pi/2$ BPSK	3969.99	V	117	347	6.37	1 / 13	18.44	24.81	0.303	30.00	-5.19
15 MHz	QPSK	3710.01	V	123	349	6.63	1 / 13	13.99	20.62	0.115	30.00	-9.38
	QPSK	3840.00	V	112	7	6.47	1 / 37	17.04	23.51	0.225	30.00	-6.49
	QPSK	3969.99	V	117	347	6.37	1 / 37	19.17	25.54	0.358	30.00	-4.46
	16-QAM	3969.99	V	117	347	6.37	1 / 13	17.78	24.15	0.260	30.00	-5.85
	$\pi/2$ BPSK	3707.52	V	123	349	6.62	1 / 19	14.15	20.76	0.119	30.00	-9.24
	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 28	16.31	22.78	0.190	30.00	-7.22
10 MHz	$\pi/2$ BPSK	3972.48	V	117	347	6.36	1 / 19	18.42	24.78	0.301	30.00	-5.22
	QPSK	3707.52	V	123	349	6.62	1 / 9	13.98	20.59	0.115	30.00	-9.41
	QPSK	3840.00	V	112	7	6.47	1 / 28	17.00	23.47	0.222	30.00	-6.53
	QPSK	3972.48	V	117	347	6.36	1 / 19	19.15	25.51	0.356	30.00	-4.49
	16-QAM	3972.48	V	117	347	6.36	1 / 19	17.69	24.05	0.254	30.00	-5.95
	$\pi/2$ BPSK	3705.00	V	123	349	6.60	1 / 17	14.09	20.69	0.117	30.00	-9.31
100 MHz	$\pi/2$ BPSK	3840.00	V	112	7	6.47	1 / 12	16.31	22.78	0.190	30.00	-7.22
	$\pi/2$ BPSK	3975.00	V	117	347	6.35	1 / 6	18.29	24.63	0.291	30.00	-5.37
	QPSK	3705.00	V	123	349	6.60	1 / 17	13.85	20.45	0.111	30.00	-9.55
	QPSK	3840.00	V	112	7	6.47	1 / 12	16.96	23.43	0.220	30.00	-6.57
	QPSK	3975.00	V	117	347	6.35	1 / 6	19.06	25.40	0.347	30.00	-4.60
	16-QAM	3975.00	V	117	347	6.35	1 / 6	17.58	23.92	0.247	30.00	-6.08
100 MHz	QPSK (CP-OFDM)	3930.00	V	102	1	6.49	1 / 68	17.62	24.11	0.258	30.00	-5.89
	QPSK (Opposite Pol.)	3930.00	H	200	349	5.99	1 / 68	16.23	22.22	0.167	30.00	-7.78
	QPSK (WCP)	3930.00	V	103	341	6.49	1 / 68	10.71	17.20	0.053	30.00	-12.80

Table 7-24. EIRP Data (NR Band n77 – C-Band – 10MHz-40MHz Bandwidths – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 163 of 200

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	3750.00	V	140	83	6.83	1 / 68	5.20	12.03	0.016	30.00	-17.97
	$\pi/2$ BPSK	3840.00	V	120	78	6.47	1 / 136	6.03	12.50	0.018	30.00	-17.50
	$\pi/2$ BPSK	3930.00	V	112	95	6.49	1 / 136	7.47	13.96	0.025	30.00	-16.04
	QPSK	3750.00	V	140	83	6.83	1 / 68	5.29	12.12	0.016	30.00	-17.88
	QPSK	3840.00	V	120	78	6.47	1 / 136	6.08	12.55	0.018	30.00	-17.45
	QPSK	3930.00	V	112	95	6.49	1 / 136	7.44	13.93	0.025	30.00	-16.07
	16-QAM	3930.00	V	112	95	6.49	1 / 136	6.65	13.14	0.021	30.00	-16.86
100 MHz	QPSK (CP-OFDM)	3840.0	V	121	104	6.49	1 / 204	4.54	11.03	0.013	30.00	-18.97
	QPSK (Opposite Pol.)	3840.0	H	124	33	5.99	1 / 68	4.61	10.60	0.011	30.00	-19.40

Table 7-25. EIRP Data (NR Band n77 - C-Band – SRS-2)

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	3750.00	H	241	316	5.98	1 / 68	11.78	17.76	0.060	30.00	-12.24
	$\pi/2$ BPSK	3840.00	H	234	309	6.02	1 / 68	9.60	15.62	0.036	30.00	-14.38
	$\pi/2$ BPSK	3930.00	H	231	317	5.99	1 / 136	6.90	12.89	0.019	30.00	-17.11
	QPSK	3750.00	H	241	316	5.98	1 / 68	11.63	17.61	0.058	30.00	-12.39
	QPSK	3840.00	H	234	309	6.02	1 / 68	9.57	15.59	0.036	30.00	-14.41
	QPSK	3930.00	H	231	317	5.99	1 / 136	6.85	12.84	0.019	30.00	-17.16
	16-QAM	3750.00	H	241	316	5.98	1 / 68	10.57	16.55	0.045	30.00	-13.45
100 MHz	QPSK (CP-OFDM)	3840.0	H	250	319	5.98	1 / 68	9.83	15.81	0.038	30.00	-14.19
	QPSK (Opposite Pol.)	3840.0	V	388	11	6.83	1 / 136	10.28	17.11	0.051	30.00	-12.89

Table 7-26. EIRP Data (NR Band n77 - C-Band – SRS-3)

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	3750.00	V	112	337	6.83	1 / 68	5.24	12.07	0.016	30.00	-17.93
	$\pi/2$ BPSK	3840.00	V	123	335	6.47	1 / 136	6.66	13.13	0.021	30.00	-16.87
	$\pi/2$ BPSK	3930.00	V	115	339	6.49	1 / 136	7.00	13.49	0.022	30.00	-16.51
	QPSK	3750.00	V	112	337	6.83	1 / 68	4.84	11.67	0.015	30.00	-18.33
	QPSK	3840.00	V	123	335	6.47	1 / 136	6.45	12.92	0.020	30.00	-17.08
	QPSK	3930.00	V	115	339	6.49	1 / 136	6.63	13.12	0.021	30.00	-16.88
	16-QAM	3930.00	V	115	339	6.49	1 / 136	6.28	12.77	0.019	30.00	-17.23
100 MHz	QPSK (CP-OFDM)	3840.0	V	115	335	6.49	1 / 136	5.26	11.75	0.015	30.00	-18.25
	QPSK (Opposite Pol.)	3840.0	H	120	31	5.99	1 / 136	4.55	10.54	0.011	30.00	-19.46

Table 7-27. EIRP Data (NR Band n77 - C-Band – SRS-4)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 164 of 200

7.8 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: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 165 of 200

Test Setup

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

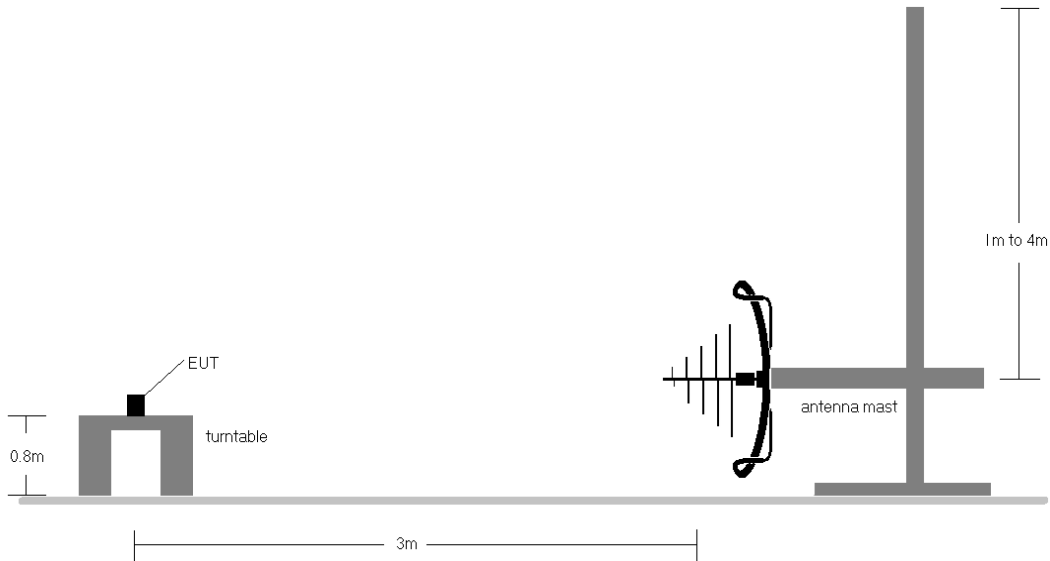


Figure 7-7. Test Instrument & Measurement Setup < 1GHz

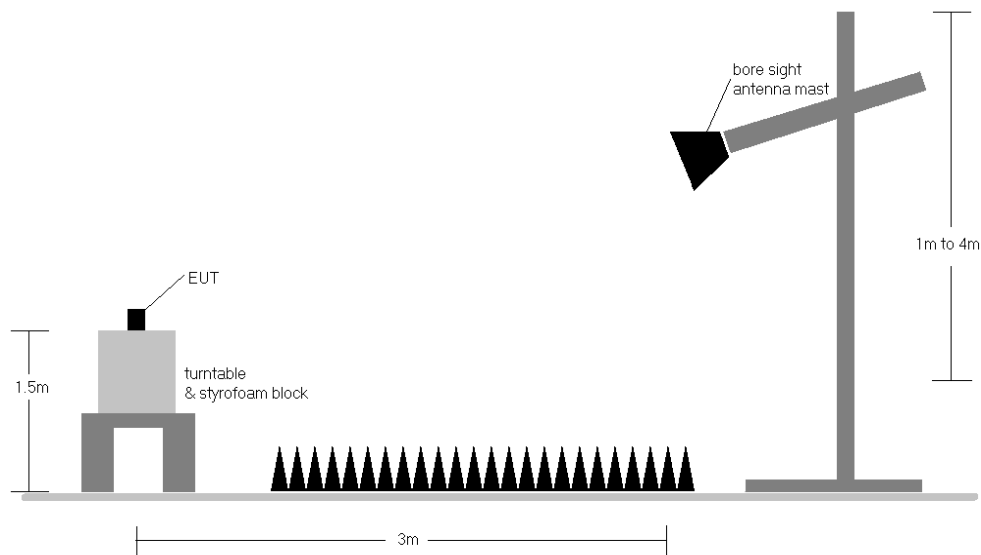


Figure 7-8. Test Instrument & Measurement Setup >1 GHz

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 166 of 200

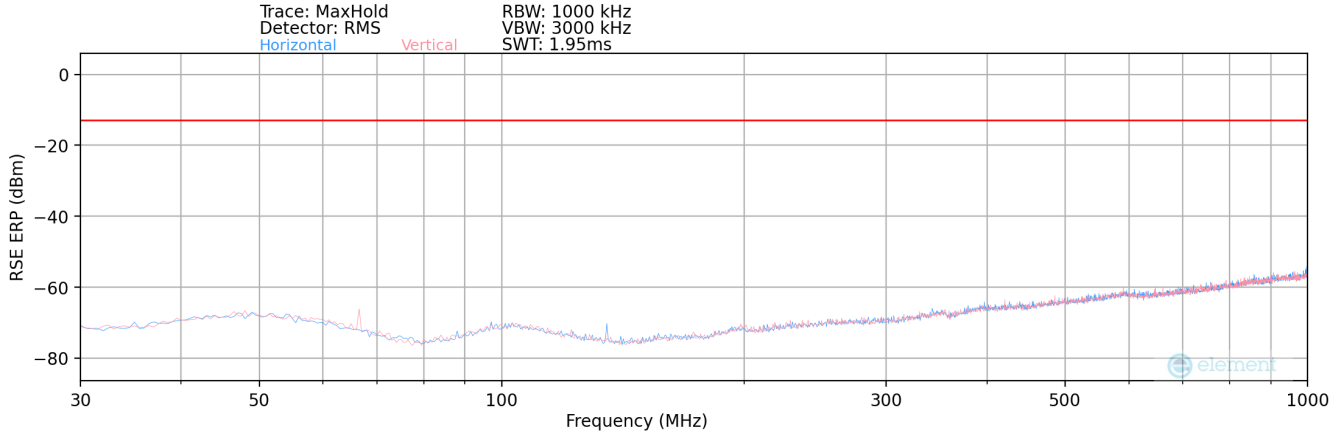
Test Notes

- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - b) $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - d) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; 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 regards the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations as shown in the tables in this section.
- 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) 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.
- 8) Spurious emissions shown in this section are measured while operating in EN-DC mode with a sub-6GHz NR carrier as well as an LTE carrier (anchor). Spurious emissions from the NR carrier are subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.
- 9) Spurious emissions with the device transmitting in EN-DC mode were investigated with the NR carrier set to transmit from the worst case antenna in standalone mode (SRS-1).
- 10) For device transmission in EN-DC mode, no significant spurious emissions were found above 18GHz.

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 167 of 200



NR Band n77 (PC2) - DoD Band – SRS-1



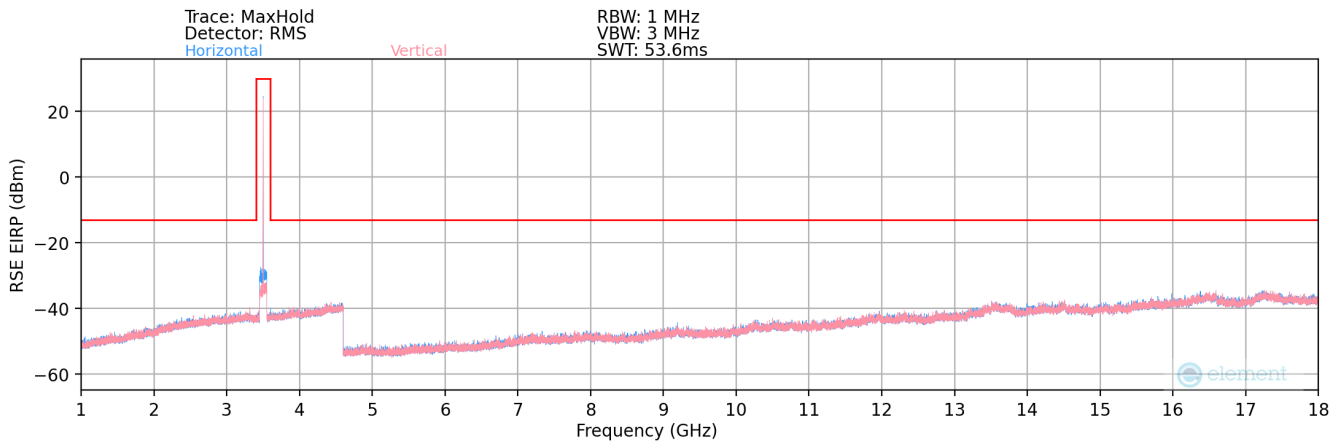
Plot 7-253. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - DoD Band – SRS-1)

Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

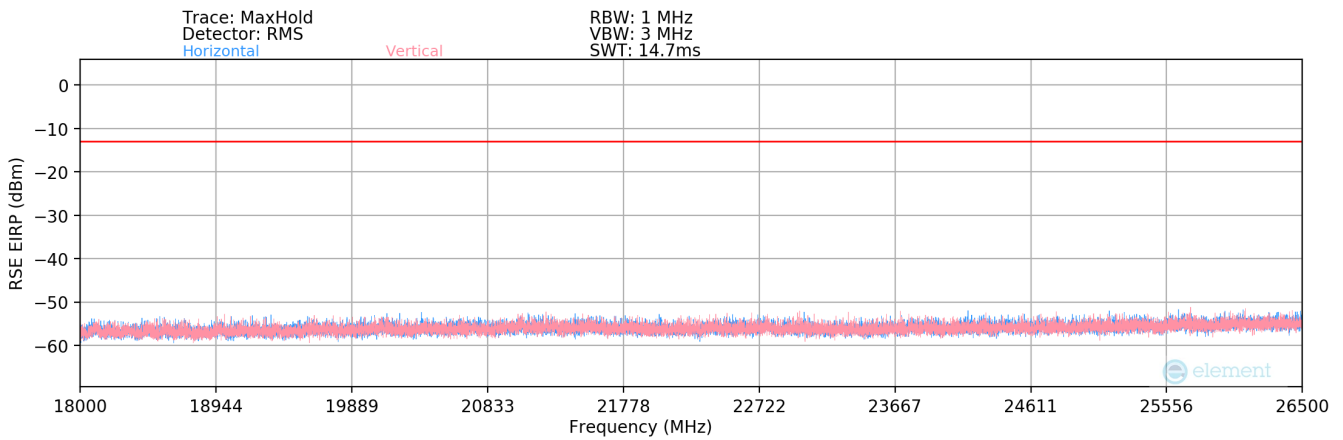
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
77.58	H	-	-	-62.80	-21.65	22.55	-74.85	-13.00	-61.85
217.38	H	-	-	-69.28	-16.53	21.19	-76.22	-13.00	-63.22
397.45	H	-	-	-69.45	-11.59	25.96	-71.44	-13.00	-58.44

Table 7-28. Radiated Spurious Data – Below 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-1)

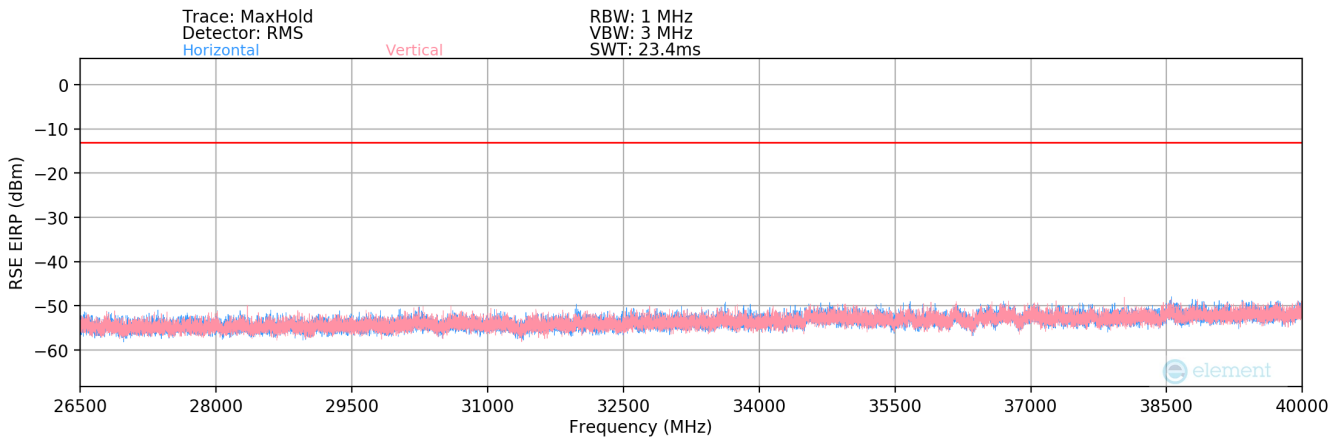
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 168 of 200



Plot 7-254. Radiated Spurious Plot – 1-18GHz (NR Band n77 - DoD Band – SRS-1)



Plot 7-255. Radiated Spurious Plot – 18-26.5GHz (NR Band n77 - DoD Band – SRS-1)



Plot 7-256. Radiated Spurious Plot – 26.5-40GHz (NR Band n77 - DoD Band – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 169 of 200



Bandwidth (MHz):	50
Frequency (MHz):	3475.02
RB / Offset:	1 / 66

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]
6950.04	H	209	53	-67.13	8.20	48.07	-47.19	-13.00	-34.19
10425.06	H	344	32	-75.66	10.84	42.18	-53.08	-13.00	-40.08
13900.08	H	-	-	-79.31	14.24	41.93	-53.33	-13.00	-40.33
17375.10	H	-	-	-79.51	17.98	45.47	-49.79	-13.00	-36.79

Table 7-29. Radiated Spurious Data – Above 1GHz (NR Band n77 - DoD Band – Low Channel – SRS-1)

Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

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]
7000.02	H	136	339	-71.73	14.96	50.23	-45.02	-13.00	-32.02
10500.03	H	215	34	-74.29	20.03	52.74	-42.52	-13.00	-29.52
14000.04	H	-	-	-75.54	25.96	57.42	-37.84	-13.00	-24.84
17500.05	H	-	-	-76.27	29.33	60.06	-35.19	-13.00	-22.19

Table 7-30. Radiated Spurious Data – Above 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-1)

Bandwidth (MHz):	50
Frequency (MHz):	3525.00
RB / Offset:	1/66

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]
7050.00	H	346	41	-67.73	7.54	46.81	-48.45	-13.00	-35.45
10575.00	H	228	67	-77.88	12.47	41.59	-53.66	-13.00	-40.66
14100.00	H	-	-	-78.84	14.56	42.72	-52.53	-13.00	-39.53
17625.00	H	-	-	-79.33	17.05	44.72	-50.54	-13.00	-37.54

Table 7-31. Radiated Spurious Data – Above 1GHz (NR Band n77 - DoD Band – High Channel – SRS-1)

Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

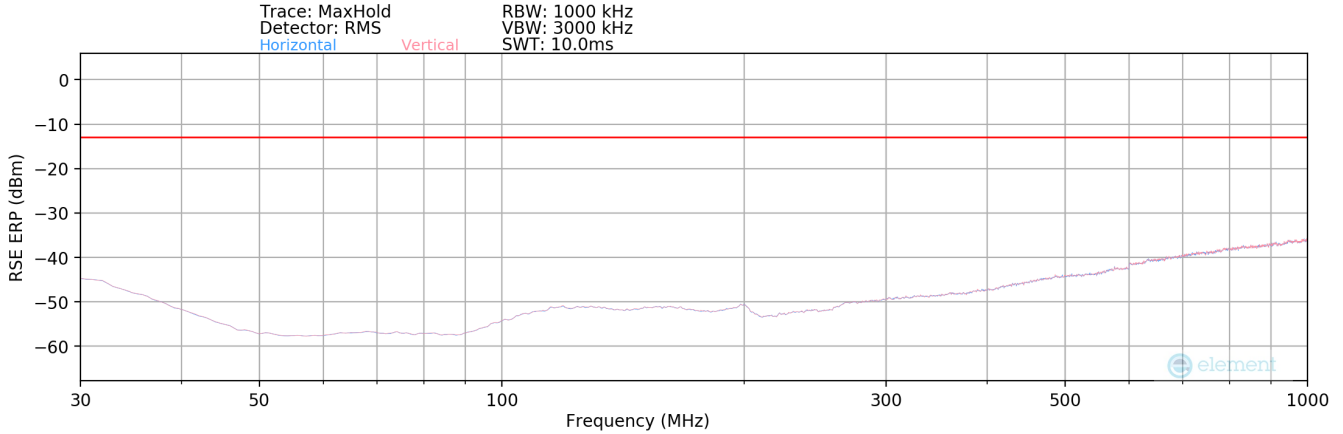
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	H	174	62	-70.22	8.08	44.86	-50.40	-13.00	-37.40
10500.03	H	176	367	-78.11	11.37	40.26	-55.00	-13.00	-42.00
14000.04	H	-	-	-79.16	14.28	42.12	-53.13	-13.00	-40.13
17500.05	H	-	-	-79.14	17.11	44.97	-50.29	-13.00	-37.29

Table 7-32. Radiated Spurious Data w/ Wireless Charging Pad (NR Band n77 – DoD Band – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 170 of 200



NR Band n77 (PC2) - DoD Band – SRS-2



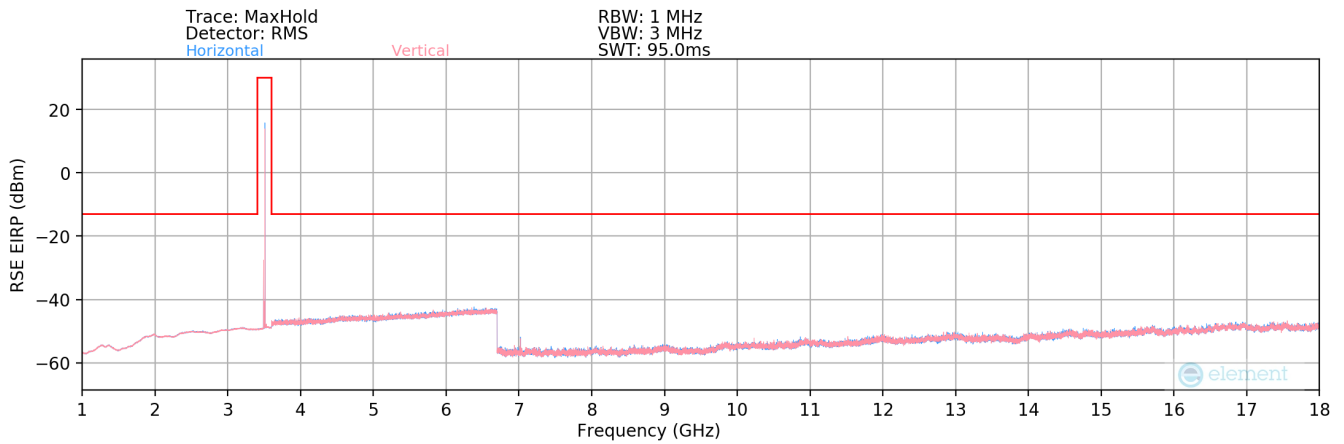
Plot 7-257. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - DoD Band – SRS-2)

Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

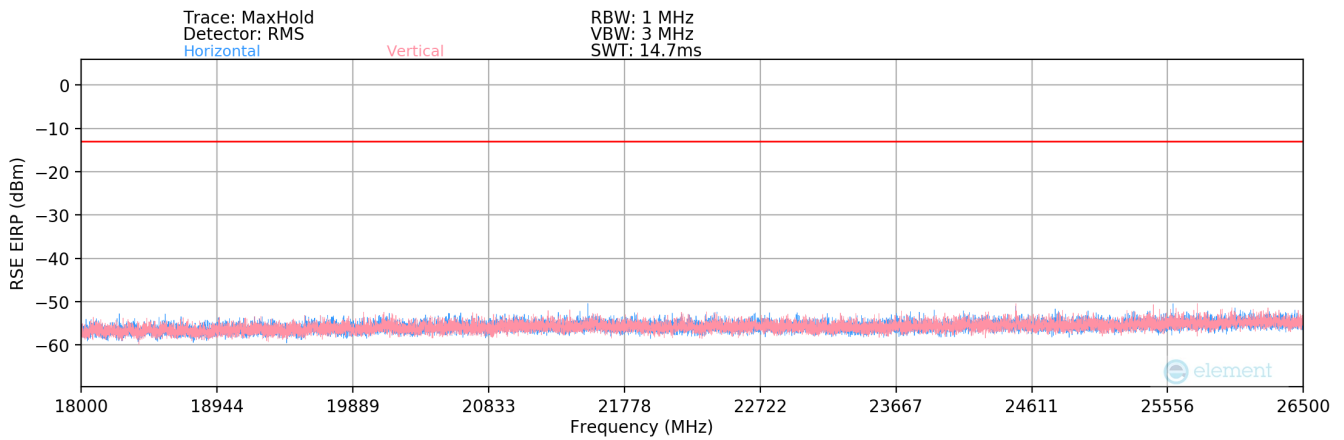
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
56.00	H	-	-	-65.37	14.24	55.87	-41.54	-13.00	-28.54
116.00	H	-	-	-68.24	20.31	59.07	-38.34	-13.00	-25.34
326.00	H	-	-	-70.35	21.73	58.38	-39.03	-13.00	-26.03

Table 7-33. Radiated Spurious Data – Below 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-2)

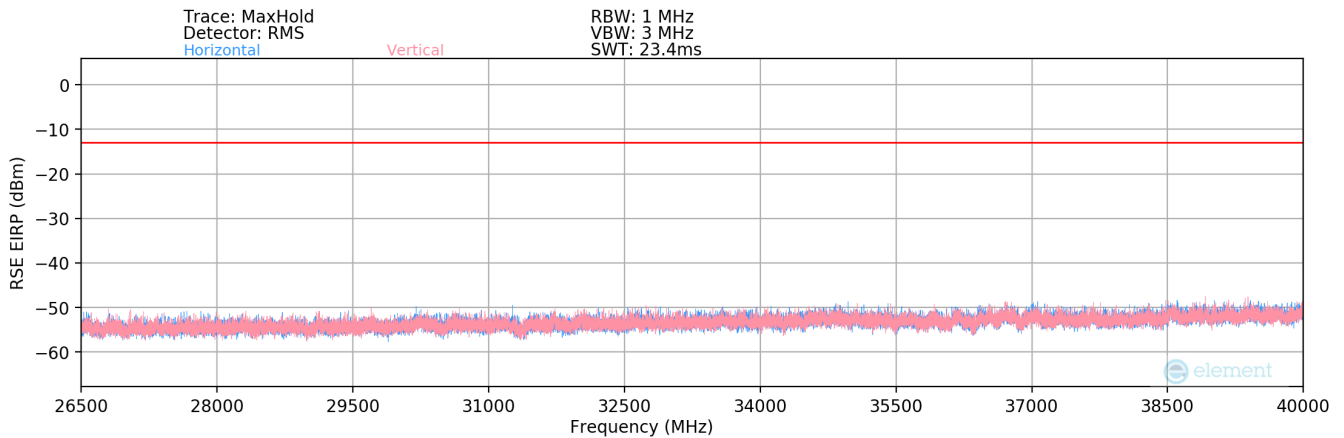
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 171 of 200



Plot 7-258. Radiated Spurious Plot – 1-18GHz (NR Band n77 - DoD Band – SRS-2)



Plot 7-259. Radiated Spurious Plot – 18-26.5GHz (NR Band n77 - DoD Band – SRS-2)



Plot 7-260. Radiated Spurious Plot – 26.5-40GHz (NR Band n77 - DoD Band – SRS-2)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 172 of 200



Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

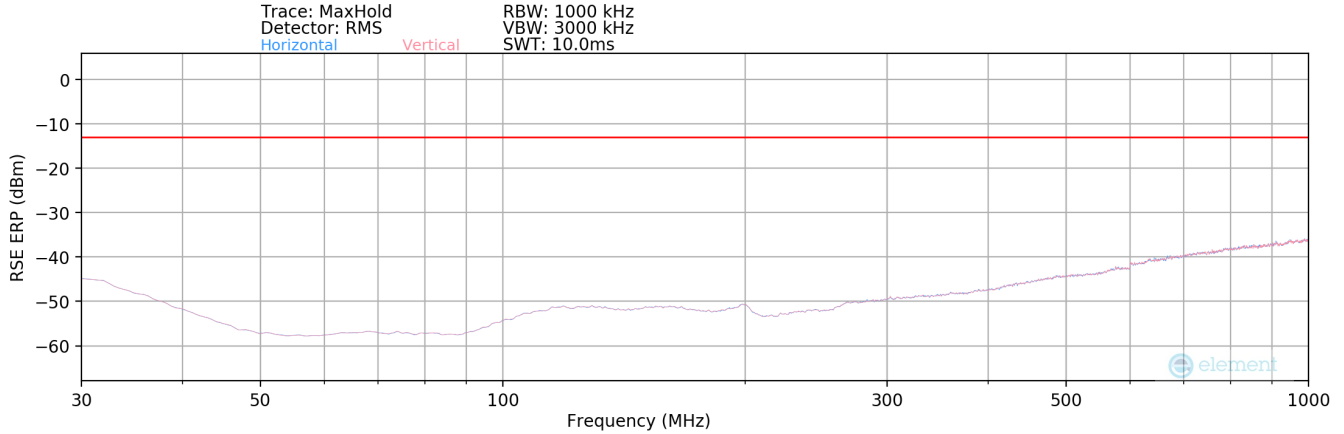
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	H	272	343	-68.23	8.08	46.85	-48.41	-13.00	-35.41
10500.03	H	-	-	-78.87	11.37	39.50	-55.76	-13.00	-42.76
14000.04	H	-	-	-78.61	14.28	42.67	-52.58	-13.00	-39.58
17500.05	H	-	-	-78.56	17.11	45.55	-49.71	-13.00	-36.71
21000.06	H	-	-	-56.06	3.47	54.41	-50.39	-13.00	-37.39
24500.07	H	150	344	-52.58	4.31	58.73	-46.07	-13.00	-33.07
28000.08	H	150	293	-54.71	5.18	57.47	-47.33	-13.00	-34.33
31500.09	H	-	-	-56.01	6.73	57.72	-47.08	-13.00	-34.08

Table 7-34. Radiated Spurious Data – Above 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-2)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 173 of 200



NR Band n77 (PC2) - DoD Band – SRS-3



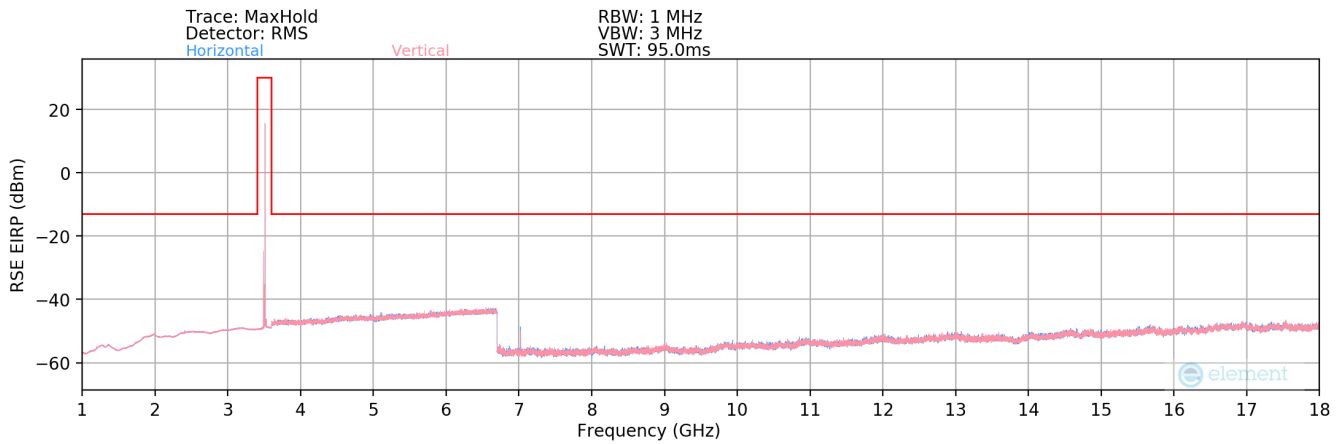
Plot 7-261. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - DoD Band – SRS-3)

Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

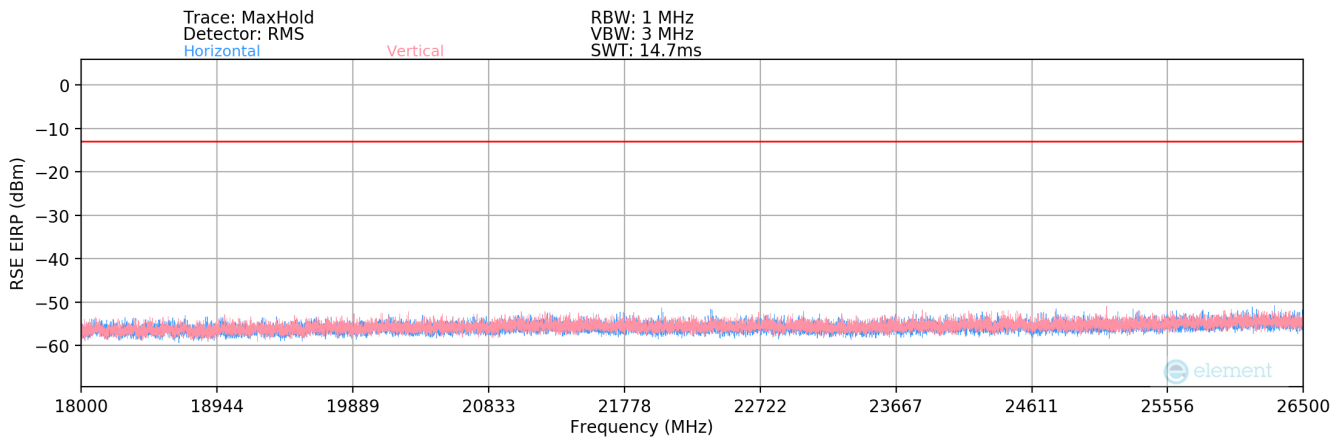
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
56.00	H	-	-	-65.87	14.24	55.37	-42.04	-13.00	-29.04
116.00	H	-	-	-68.55	20.31	58.76	-38.65	-13.00	-25.65
326.00	H	-	-	-70.29	21.73	58.44	-38.97	-13.00	-25.97

Table 7-35. Radiated Spurious Data – Below 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-3)

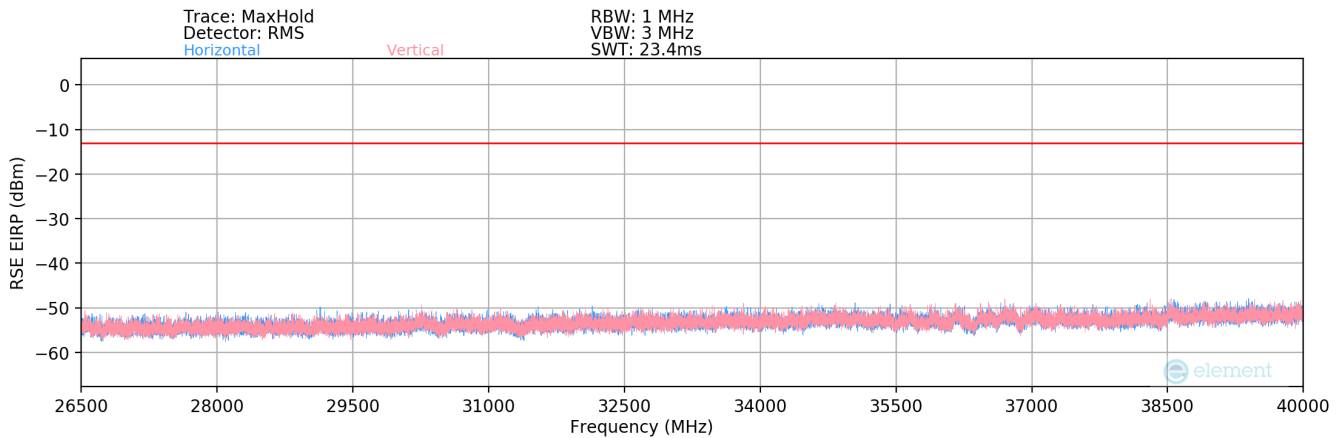
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 174 of 200



Plot 7-262. Radiated Spurious Plot – 1-18GHz (NR Band n77 - DoD Band – SRS-3)



Plot 7-263. Radiated Spurious Plot – 18-26.5GHz (NR Band n77 - DoD Band – SRS-3)



Plot 7-264. Radiated Spurious Plot – 26.5-40GHz (NR Band n77 - DoD Band – SRS-3)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 175 of 200



Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

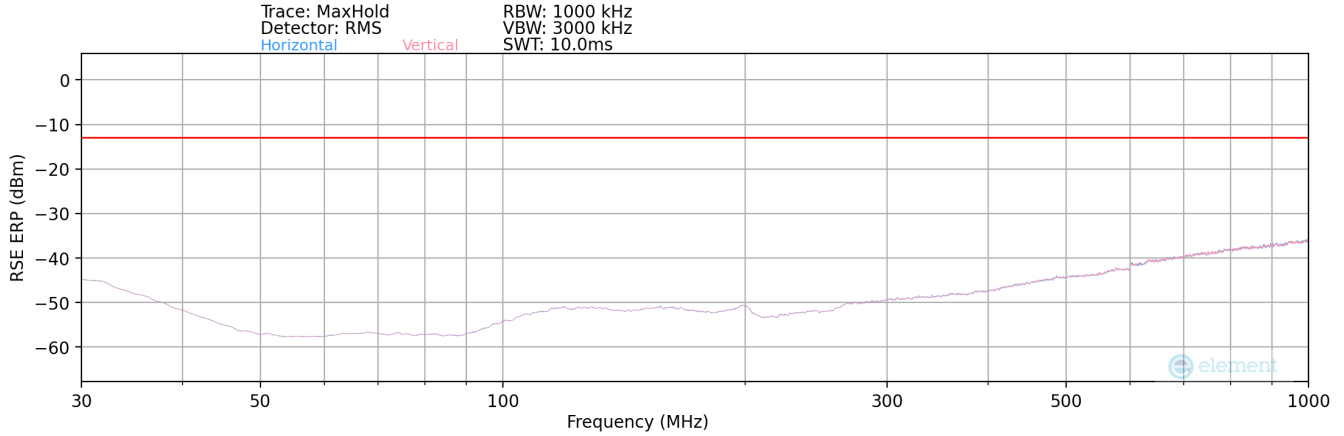
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
7000.02	H	286	32	-66.20	8.08	48.88	-46.38	-13.00	-33.38
10500.03	H	-	-	-78.51	11.37	39.86	-55.40	-13.00	-42.40
14000.04	H	-	-	-78.39	14.28	42.89	-52.36	-13.00	-39.36
17500.05	H	-	-	-78.41	17.11	45.70	-49.56	-13.00	-36.56
21000.06	H	-	-	-56.03	3.47	54.44	-50.36	-13.00	-37.36
24500.07	H	150	54	-55.17	4.31	56.14	-48.66	-13.00	-35.66
28000.08	H	-	-	-55.50	5.18	56.68	-48.12	-13.00	-35.12
31500.09	H	-	-	-55.61	6.73	58.12	-46.68	-13.00	-33.68

Table 7-36. Radiated Spurious Data – Above 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-3)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 176 of 200



NR Band n77 (PC2) - DoD Band – SRS-4



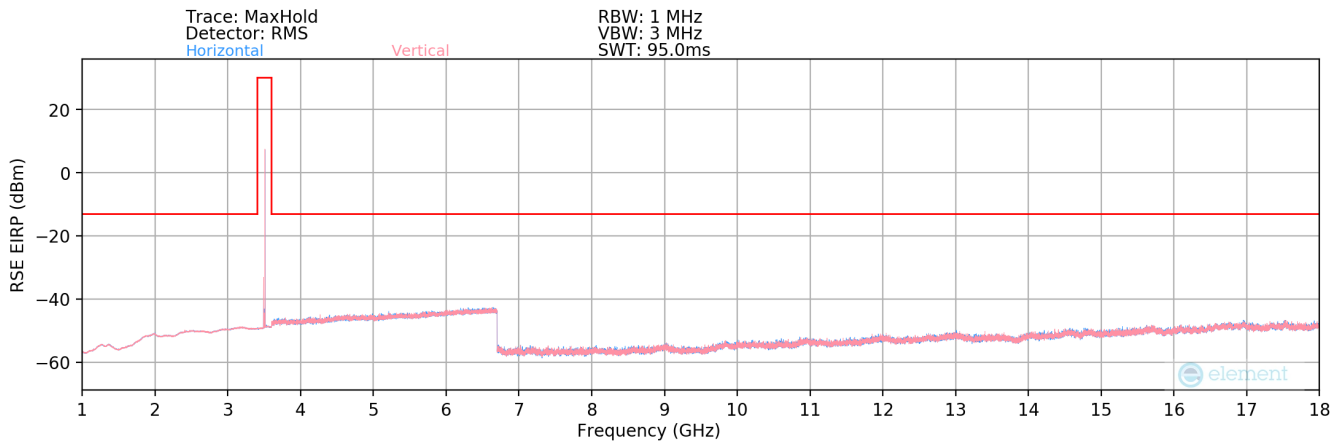
Plot 7-265. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - DoD Band – SRS-4)

Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

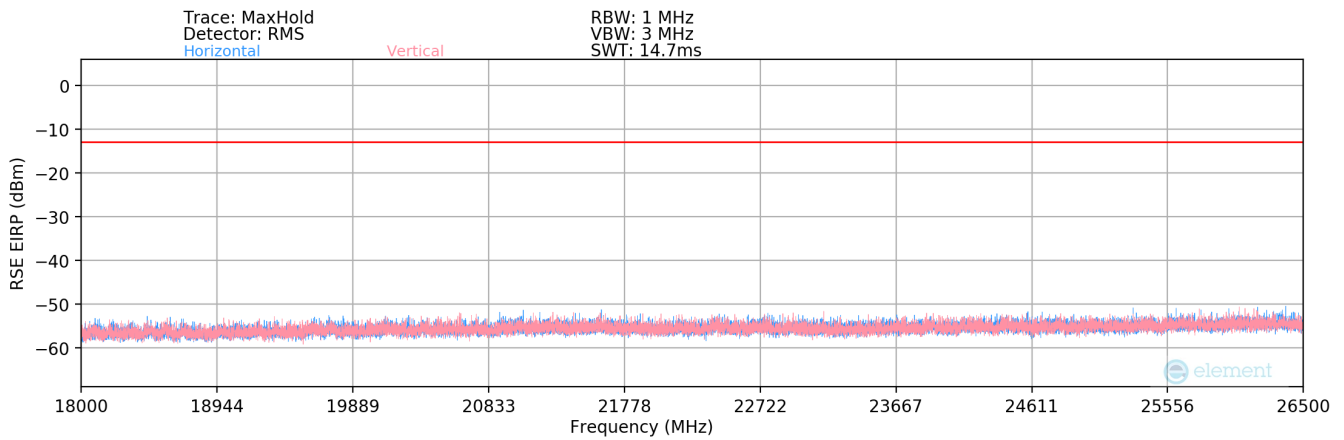
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
56.00	H	-	-	-64.58	14.24	56.66	-40.75	-13.00	-27.75
116.00	H	-	-	-67.39	20.31	59.92	-37.49	-13.00	-24.49
326.00	H	-	-	-70.84	21.73	57.89	-39.52	-13.00	-26.52

Table 7-37. Radiated Spurious Data – Below 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-4)

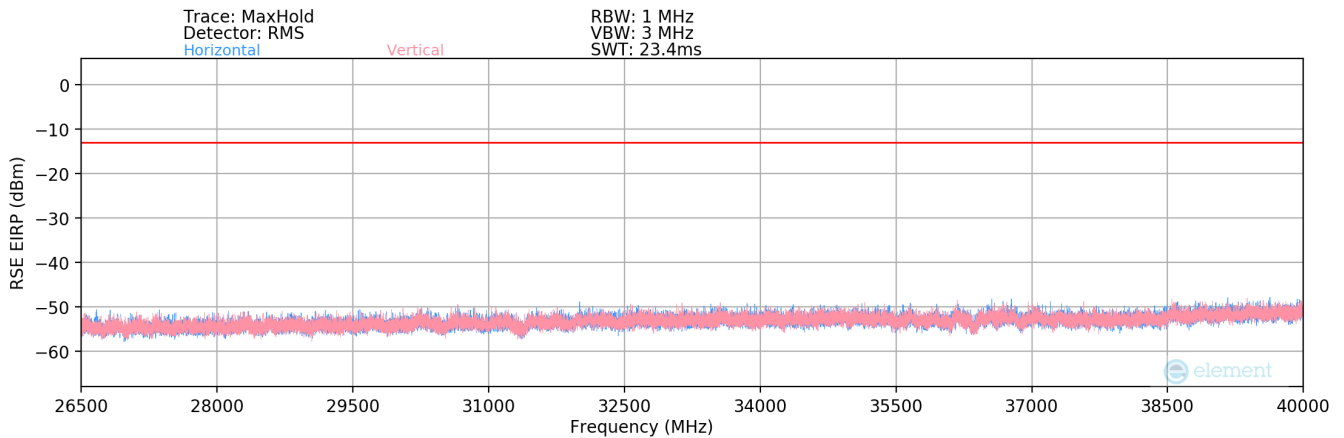
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 177 of 200



Plot 7-266. Radiated Spurious Plot – 1-18GHz (NR Band n77 - DoD Band – SRS-4)



Plot 7-267. Radiated Spurious Plot – 18-26.5GHz (NR Band n77 - DoD Band – SRS-4)



Plot 7-268. Radiated Spurious Plot – 26.5-40GHz (NR Band n77 - DoD Band – SRS-4)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 178 of 200



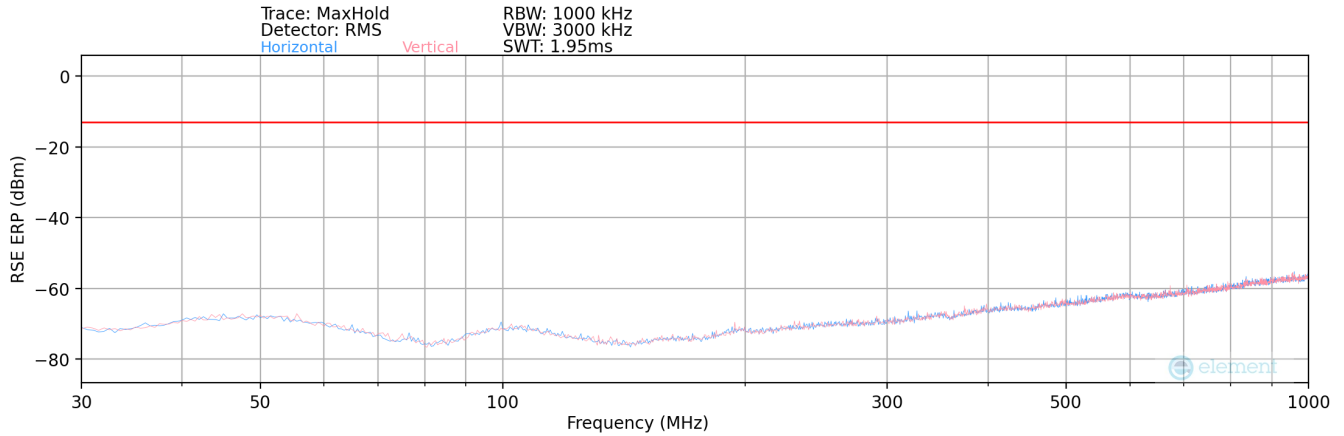
Bandwidth (MHz):	50
Frequency (MHz):	3500.01
RB / Offset:	1 / 66

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]
7000.02	H	331	228	-68.28	8.08	46.80	-48.46	-13.00	-35.46
10500.03	H	-	-	-78.65	11.37	39.72	-55.54	-13.00	-42.54
14000.04	H	-	-	-78.53	14.28	42.75	-52.50	-13.00	-39.50
17500.05	H	-	-	-78.45	17.11	45.66	-49.60	-13.00	-36.60
21000.06	H	-	-	-55.71	3.47	54.76	-50.04	-13.00	-37.04
24500.07	H	-	-	-56.41	4.31	54.90	-49.90	-13.00	-36.90

Table 7-38. Radiated Spurious Data – Above 1GHz (NR Band n77 - DoD Band – Mid Channel – SRS-4)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 179 of 200

NR Band n77 (PC2) - C-Band – SRS-1



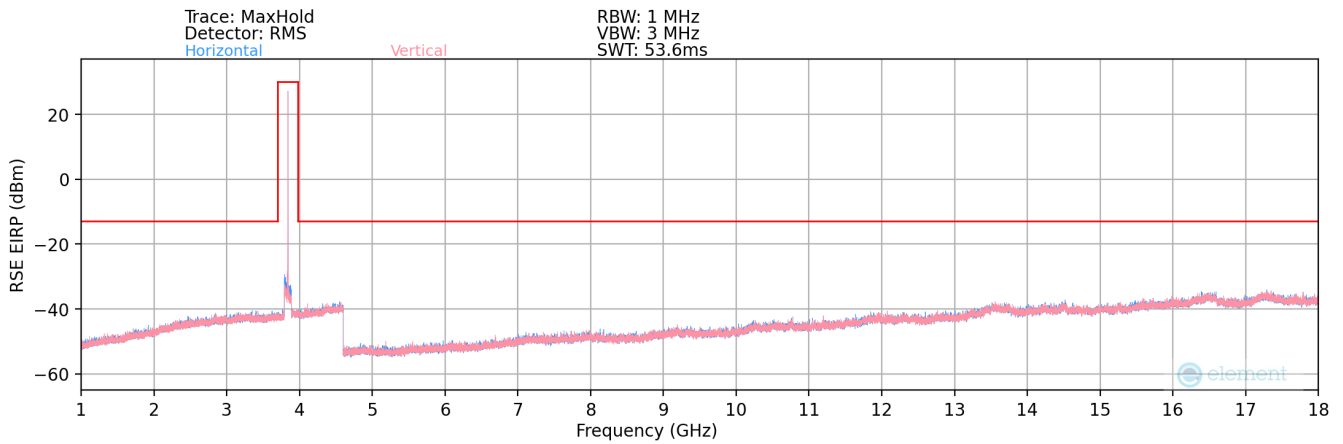
Plot 7-269. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - C-Band – SRS-1)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 136

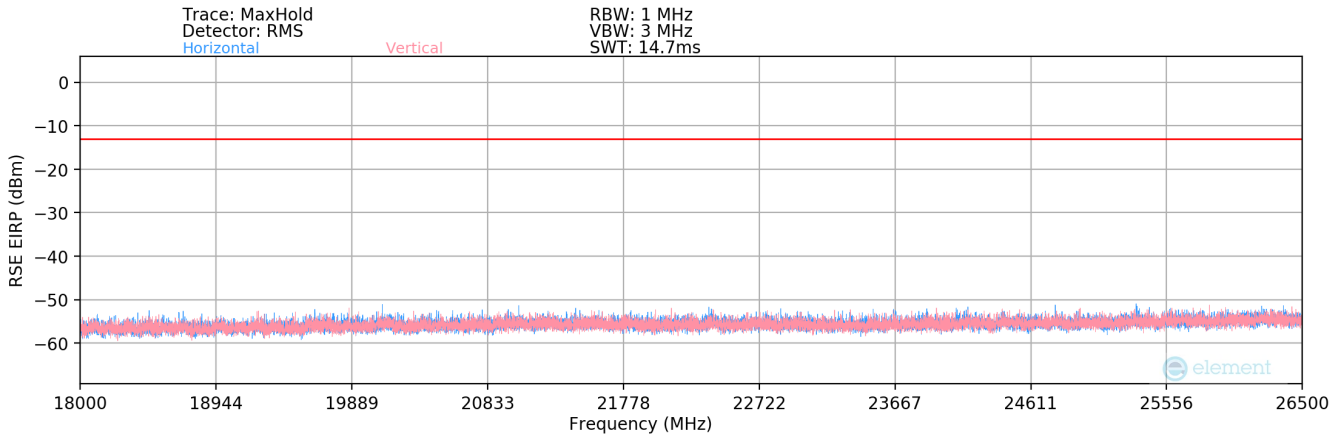
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
106.11	H	-	-	-67.11	-16.67	23.22	-74.18	-13.00	-61.18
301.21	H	-	-	-68.46	-14.36	24.18	-73.23	-13.00	-60.23
495.48	H	-	-	-69.94	-9.86	27.20	-70.21	-13.00	-57.21

Table 7-39. Radiated Spurious Data – Below 1GHz (NR Band n77 - C-Band – Mid Channel – SRS-1)

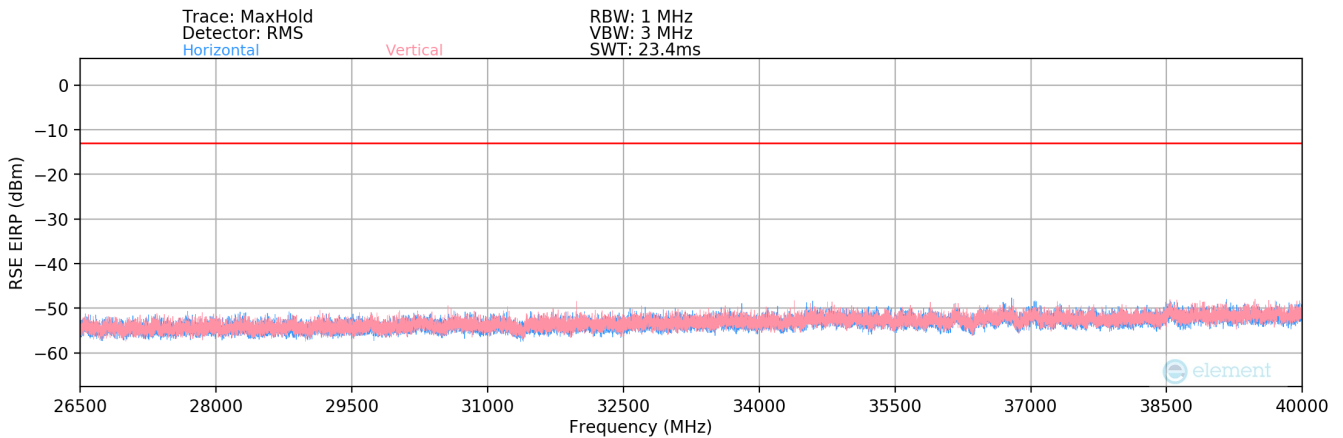
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 180 of 200



Plot 7-270. Radiated Spurious Plot – 1-18GHz (NR Band n77 - C-Band – SRS-1)



Plot 7-271. Radiated Spurious Plot – 18-26.5GHz (NR Band n77 - C-Band – SRS-1)



Plot 7-272. Radiated Spurious Plot – 26.5-40GHz (NR Band n77 - C-Band – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 181 of 200



Bandwidth (MHz):	100
Frequency (MHz):	3750.00
RB / Offset:	1 / 136

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]
7500.00	H	147	8	-72.15	16.02	50.87	-44.38	-13.00	-31.38
11250.00	H	-	-	-75.33	21.12	52.79	-42.46	-13.00	-29.46
15000.00	H	-	-	-76.04	26.57	57.53	-37.73	-13.00	-24.73

Table 7-40. Radiated Spurious Data – Above 1GHz (NR Band n77 - C-Band – Low Channel – SRS-1)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 136

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]
7680.00	H	164	353	-70.43	15.97	52.54	-42.71	-13.00	-29.71
11520.00	H	-	-	-75.10	22.12	54.02	-41.24	-13.00	-28.24
15360.00	H	-	-	-76.38	27.34	57.96	-37.30	-13.00	-24.30

Table 7-41. Radiated Spurious Data – Above 1GHz (NR Band n77 - C-Band – Mid Channel – SRS-1)

Bandwidth (MHz):	100
Frequency (MHz):	3930.00
RB / Offset:	1 / 136

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]
7860.00	H	225	232	-73.17	16.00	49.83	-45.43	-13.00	-32.43
11790.00	H	-	-	-74.69	21.29	53.60	-41.65	-13.00	-28.65
15720.00	H	-	-	-76.17	28.80	59.63	-35.63	-13.00	-22.63

Table 7-42. Radiated Spurious Data – Above 1GHz (NR Band n77 - C-Band – High Channel – SRS-1)

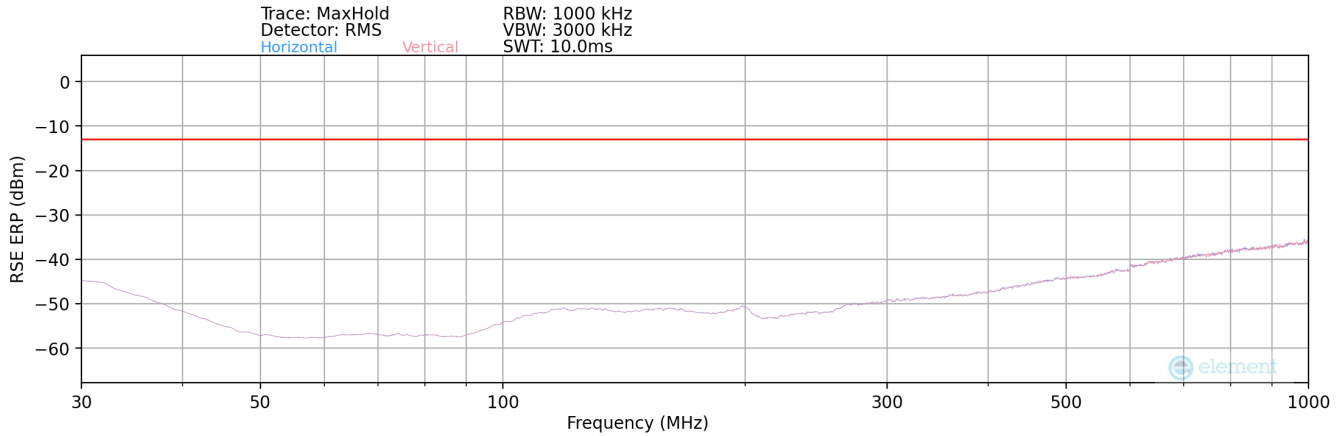
Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1/136

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]
7680.00	H	176	324	-73.74	7.48	40.74	-54.52	-13.00	-41.52
11520.00	H	-	-	-79.34	12.32	39.98	-55.27	-13.00	-42.27
15360.00	H	-	-	-79.53	16.02	43.49	-51.77	-13.00	-38.77

Table 7-43. Radiated Spurious Data w/ Wireless Charging Pad (NR Band n77 - C-Band – SRS-1)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 182 of 200

NR Band n77 (PC2) - C-Band – SRS-2



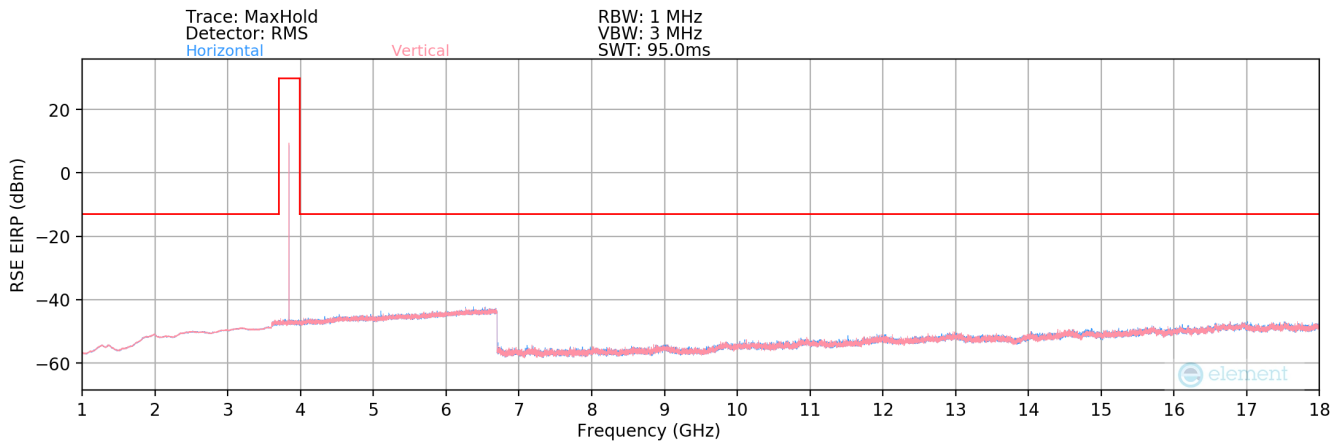
Plot 7-273. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - C-Band – SRS-2)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 136

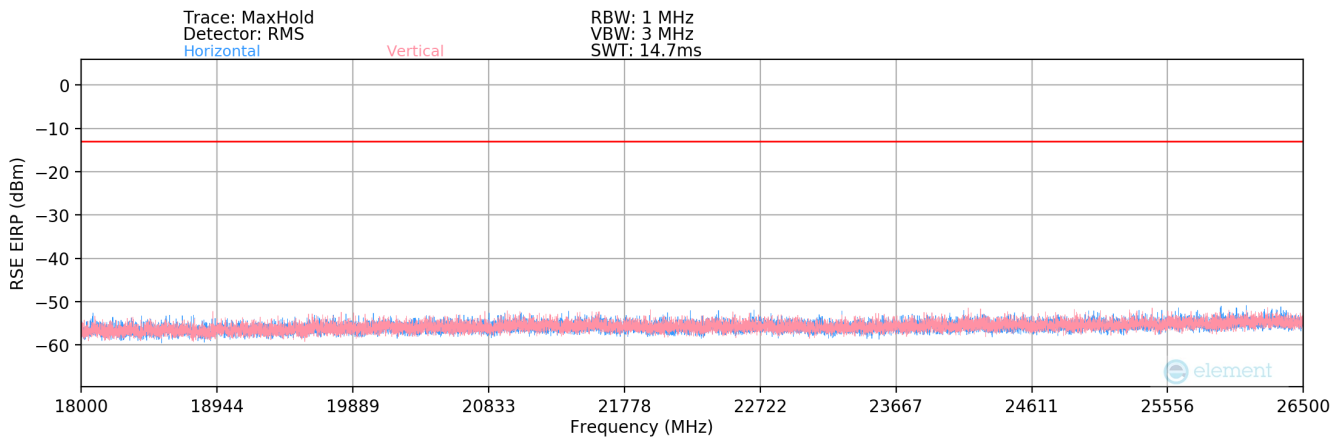
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dB μ V/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
56.00	H	-	-	-66.31	14.24	54.93	-42.48	-13.00	-29.48
116.00	H	-	-	-67.48	20.31	59.83	-37.58	-13.00	-24.58
326.00	H	-	-	-70.46	21.73	58.27	-39.14	-13.00	-26.14

Table 7-44. Radiated Spurious Data – Below 1GHz (NR Band n77 - C-Band – Mid Channel – SRS-2)

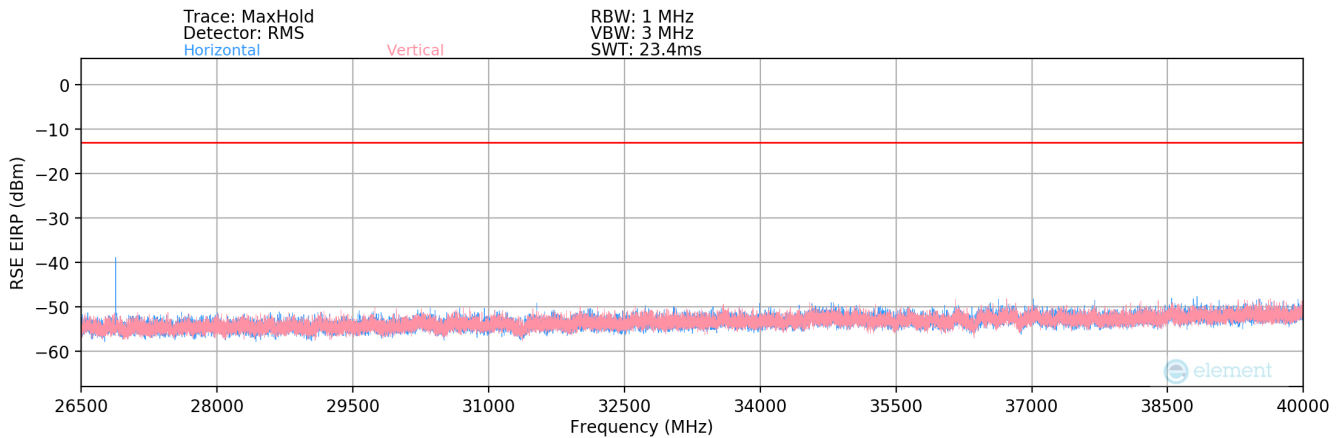
FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 183 of 200



Plot 7-274. Radiated Spurious Plot – 1-18GHz (NR Band n77 - C-Band – SRS-2)



Plot 7-275. Radiated Spurious Plot – 18-26.5GHz (NR Band n77 - C-Band – SRS-2)



Plot 7-276. Radiated Spurious Plot – 26.5-40GHz (NR Band n77 - C-Band – SRS-2)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 184 of 200

Bandwidth (MHz):	100
Frequency (MHz):	3750.00
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]
7500.00	H	388	45	-69.62	8.29	45.67	-49.59	-13.00	-36.59
11250.00	H	388	46	-75.94	12.21	43.27	-51.99	-13.00	-38.99
15000.00	H	-	-	-78.87	15.53	43.66	-51.60	-13.00	-38.60
18750.00	H	-	-	-55.32	1.83	53.51	-51.29	-13.00	-38.29
22500.00	H	-	-	-55.89	3.87	54.98	-49.82	-13.00	-36.82
26250.00	H	150	320	-41.49	4.76	70.27	-34.53	-13.00	-21.53
30000.00	H	-	-	-56.18	6.48	57.30	-47.50	-13.00	-34.50
33750.00	H	-	-	-55.02	7.67	59.65	-45.15	-13.00	-32.15

Table 7-45. Radiated Spurious Data – Above 1GHz (NR Band n77 - C-Band – Low Channel – SRS-2)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
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]
7680.00	H	167	43	-71.50	7.48	42.98	-52.28	-13.00	-39.28
11520.00	H	161	311	-76.37	12.32	42.95	-52.30	-13.00	-39.30
15360.00	H	-	-	-78.37	16.02	44.65	-50.61	-13.00	-37.61
19200.00	H	-	-	-55.49	2.27	53.78	-51.02	-13.00	-38.02
23040.00	H	-	-	-56.56	3.76	54.20	-50.60	-13.00	-37.60
26880.00	H	150	313	-42.00	4.88	69.88	-34.92	-13.00	-21.92
30720.00	H	-	-	-55.97	6.53	57.56	-47.24	-13.00	-34.24
34560.00	H	-	-	-54.30	7.68	60.38	-44.42	-13.00	-31.42

Table 7-46. Radiated Spurious Data – Above 1GHz (NR Band n77 - C-Band – Mid Channel – SRS-2)

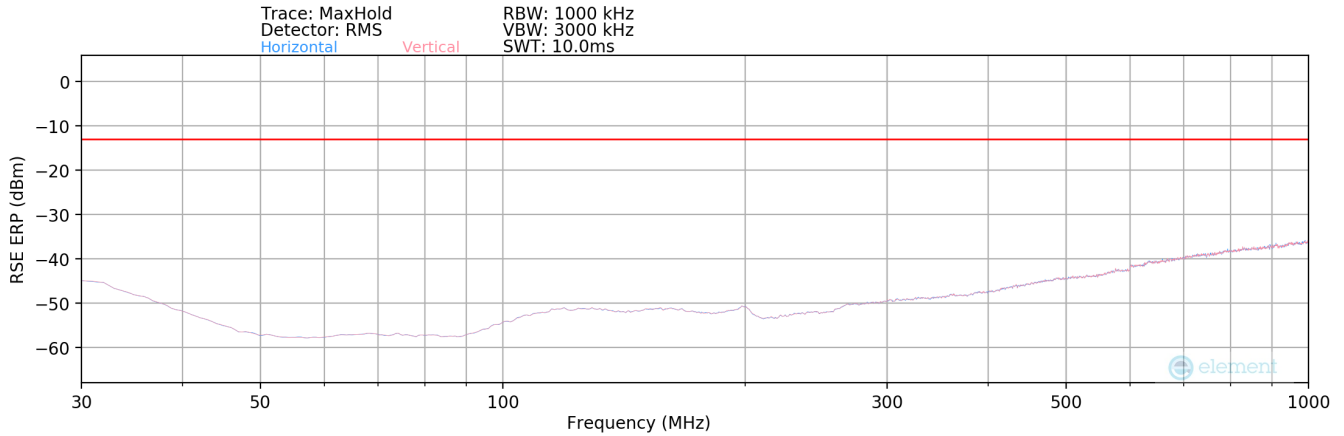
Bandwidth (MHz):	100
Frequency (MHz):	3930.00
RB / Offset:	1/136
Mode:	Stand Alone

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]
7860.00	H	202	44	-70.03	8.25	45.22	-50.04	-13.00	-37.04
11790.00	H	-	-	-78.58	13.24	41.66	-53.60	-13.00	-40.60
15720.00	H	-	-	-78.47	17.31	45.84	-49.42	-13.00	-36.42
19650.00	H	-	-	-56.30	2.57	53.27	-51.53	-13.00	-38.53
23580.00	H	-	-	-55.75	3.80	55.05	-49.75	-13.00	-36.75
27510.00	H	150	318	-41.44	4.73	70.29	-34.51	-13.00	-21.51
31440.00	H	-	-	-55.99	6.56	57.57	-47.23	-13.00	-34.23
35370.00	H	-	-	-54.99	8.42	60.43	-44.37	-13.00	-31.37

Table 7-47. Radiated Spurious Data – Above 1GHz (NR Band n77 - C-Band – High Channel – SRS-2)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1-A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 185 of 200

NR Band n77 (PC2) - C-Band – SRS-3



Plot 7-277. Radiated Spurious Plot – 30MHz-1GHz (NR Band n77 - C-Band – SRS-3)

Bandwidth (MHz):	100
Frequency (MHz):	3840.00
RB / Offset:	1 / 136

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]
50.00	H	-	-	-66.26	14.60	55.34	-42.07	-13.00	-29.07
200.00	H	-	-	-68.65	20.30	58.65	-38.76	-13.00	-25.76
500.00	H	-	-	-70.64	25.99	62.35	-35.06	-13.00	-22.06

Table 7-48. Radiated Spurious Data – Below 1GHz (NR Band n77 - C-Band – Mid Channel – SRS-3)

FCC ID: A3LSMS911U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010096-05-R1.A3L	Test Dates: 10/11/2022 - 11/15/2022	EUT Type: Portable Handset	Page 186 of 200