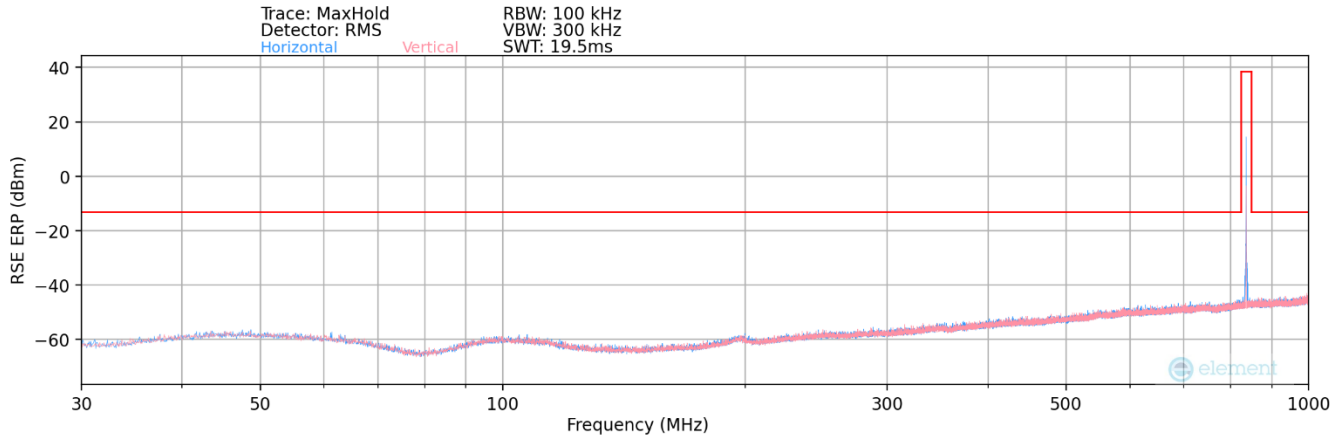
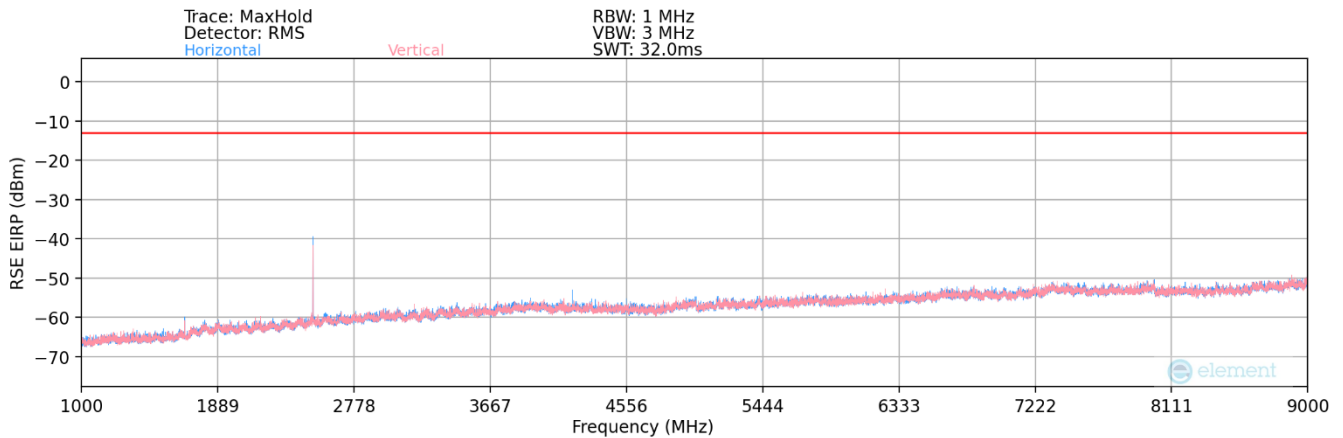


NR Band n5 – Ant1



Plot 7-139. Radiated Spurious Plot (NR Band n5) – Ant1



Plot 7-140. Radiated Spurious Plot (NR Band n5) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	836.5
RB / Offset:	1 / 53

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]
554.10	H	-	-	-87.62	25.68	45.06	-52.35	-13.00	-39.35
748.00	H	-	-	-87.53	29.08	48.55	-48.86	-13.00	-35.86
942.10	H	-	-	-86.51	30.75	51.24	-46.17	-13.00	-33.17

Table 7-38. Radiated Spurious Data (NR Band n5) – Ant1

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 117 of 137

Bandwidth (MHz):	20
Frequency (MHz):	834
RB / Offset:	1 / 53

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]
1668.00	H	115	356	-67.55	-7.42	32.03	-63.23	-13.00	-50.23
2502.00	H	147	293	-71.03	-3.87	32.10	-63.16	-13.00	-50.16
3336.00	H	-	-	-75.68	-0.44	30.88	-64.38	-13.00	-51.38
4170.00	H	-	-	-76.45	1.13	31.68	-63.58	-13.00	-50.58
5004.00	H	-	-	-76.23	2.16	32.93	-62.33	-13.00	-49.33
5838.00	H	-	-	-76.89	3.41	33.52	-61.73	-13.00	-48.73

Table 7-39. Radiated Spurious Data (NR Band n5 – Low Channel) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	836.5
RB / Offset:	1 / 53

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]
1673.00	H	119	355	-68.41	-7.37	31.22	-64.04	-13.00	-51.04
2509.50	H	137	298	-51.13	-3.74	52.13	-43.13	-13.00	-30.13
3346.00	H	-	-	-75.55	-0.39	31.06	-64.20	-13.00	-51.20
4182.50	H	-	-	-76.43	1.11	31.68	-63.58	-13.00	-50.58
5019.00	H	-	-	-76.35	2.26	32.91	-62.35	-13.00	-49.35
5855.50	H	-	-	-77.10	3.51	33.41	-61.85	-13.00	-48.85

Table 7-40. Radiated Spurious Data (NR Band n5 – Mid Channel) – Ant1

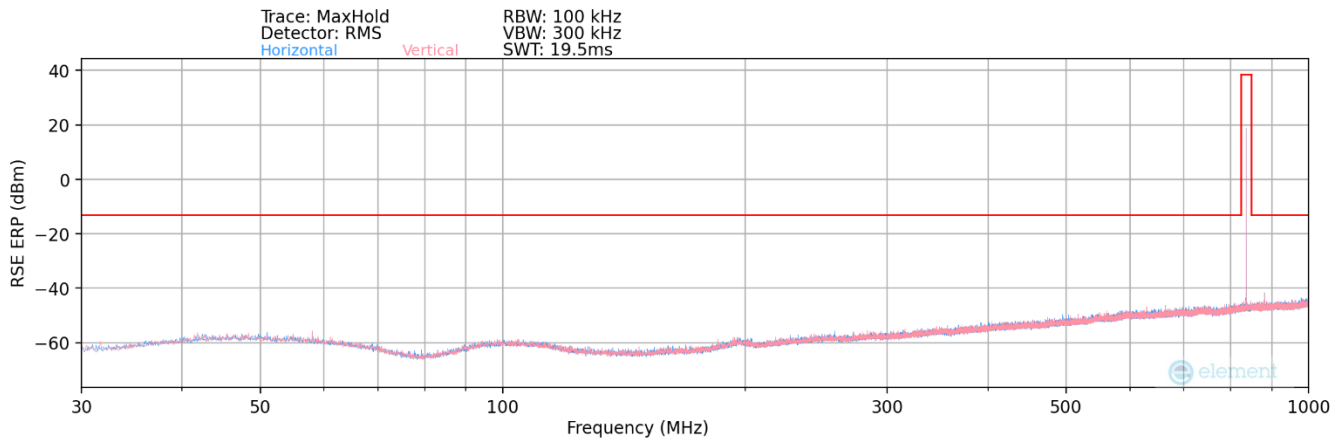
Bandwidth (MHz):	20
Frequency (MHz):	839
RB / Offset:	1 / 53

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]
1678.00	H	157	314	-66.30	-7.32	33.38	-61.88	-13.00	-48.88
2517.00	H	142	299	-48.05	-3.59	55.36	-39.90	-13.00	-26.90
3356.00	H	-	-	-75.67	-0.21	31.12	-64.14	-13.00	-51.14
4195.00	H	-	-	-76.16	1.23	32.07	-63.19	-13.00	-50.19
5034.00	H	-	-	-75.32	2.45	34.13	-61.13	-13.00	-48.13
5873.00	H	-	-	-76.81	3.20	33.39	-61.87	-13.00	-48.87

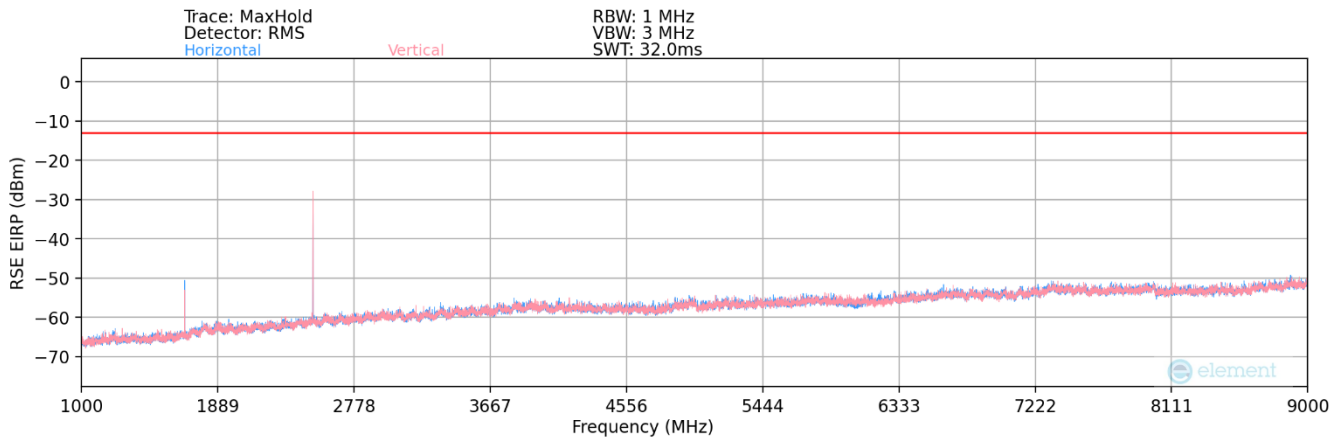
Table 7-41. Radiated Spurious Data (NR Band n5 – High Channel) – Ant1

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 118 of 137

GPRS Cell – Ant2



Plot 7-141. Radiated Spurious Plot (GPRS Cell) – Ant2



Plot 7-142. Radiated Spurious Plot (GPRS Cell) – Ant2

Channel:	190
Frequency (MHz):	836.6

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]
611.90	V	-	-	-86.50	26.95	47.45	-49.96	-13.00	-36.96
708.90	V	-	-	-87.53	28.10	47.57	-49.84	-13.00	-36.84
933.60	V	-	-	-86.05	30.87	51.82	-45.59	-13.00	-32.59

Table 7-42. Radiated Spurious Data (GPRS Cell) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 119 of 137

Channel:	128
Frequency (MHz):	824.2

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]
1648.40	V	153	196	-58.39	-7.66	40.95	-54.31	-13.00	-41.31
2472.60	V	159	187	-36.55	-3.98	66.47	-28.78	-13.00	-15.78
3296.80	V	-	-	-76.54	-0.98	29.48	-65.77	-13.00	-52.77
4121.00	V	-	-	-75.41	1.09	32.68	-62.58	-13.00	-49.58
4945.20	V	-	-	-76.28	1.94	32.66	-62.60	-13.00	-49.60
5769.40	V	-	-	-77.21	3.99	33.78	-61.48	-13.00	-48.48

Table 7-43. Radiated Spurious Data (GPRS Cell – Low Channel) – Ant2

Channel:	190
Frequency (MHz):	836.6

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]
1673.20	V	144	213	-59.62	-7.37	40.01	-55.24	-13.00	-42.24
2509.80	V	140	167	-42.15	-3.74	61.11	-34.14	-13.00	-21.14
3346.40	V	-	-	-75.62	-0.39	30.99	-64.26	-13.00	-51.26
4183.00	V	-	-	-76.51	1.11	31.60	-63.66	-13.00	-50.66
5019.60	V	-	-	-75.67	2.27	33.60	-61.66	-13.00	-48.66
5856.20	V	-	-	-76.92	3.50	33.58	-61.68	-13.00	-48.68

Table 7-44. Radiated Spurious Data (GPRS Cell – Mid Channel) – Ant2

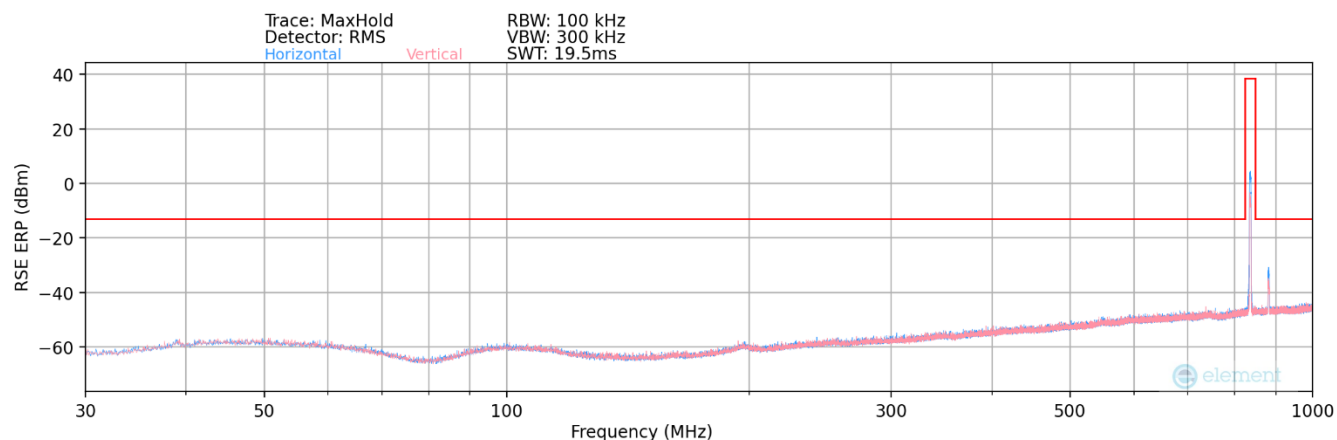
Channel:	251
Frequency (MHz):	848.8

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]
1697.60	V	147	189	-67.13	-7.10	32.77	-62.48	-13.00	-49.48
2546.40	V	140	174	-43.15	-3.17	60.68	-34.58	-13.00	-21.58
3395.20	V	-	-	-76.58	-0.34	30.08	-65.18	-13.00	-52.18
4244.00	V	-	-	-76.15	0.88	31.73	-63.52	-13.00	-50.52
5092.80	V	-	-	-76.22	2.85	33.63	-61.63	-13.00	-48.63
5941.60	V	-	-	-77.20	3.46	33.26	-62.00	-13.00	-49.00

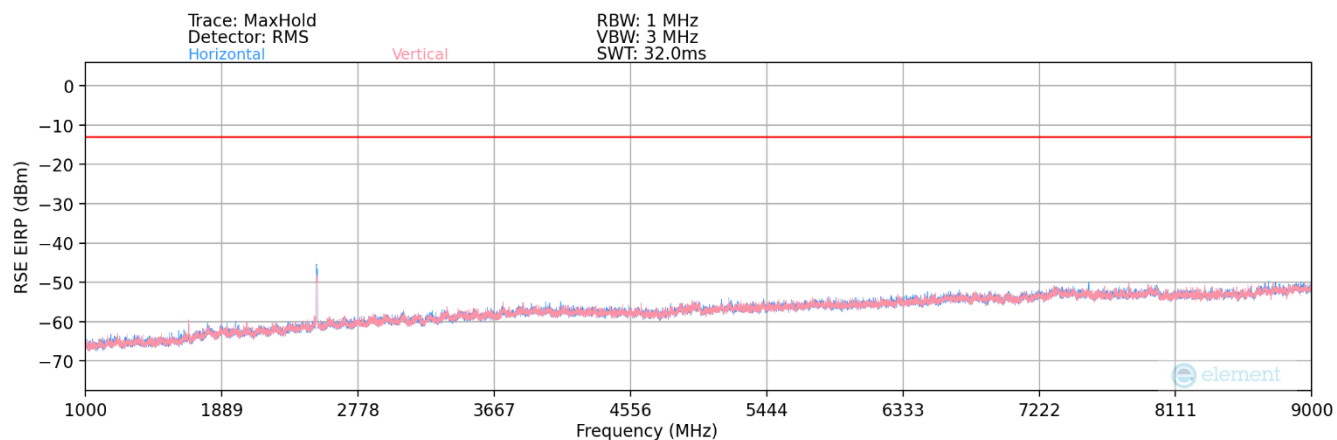
Table 7-45. Radiated Spurious Data (GPRS Cell – High Channel) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 120 of 137

WCDMA Cell – Ant2



Plot 7-143. Radiated Spurious Plot (WCDMA Cell) – Ant2



Plot 7-144. Radiated Spurious Plot (WCDMA Cell) – Ant2

Channel:	4183
Frequency (MHz):	836.6

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]
600.00	V	-	-	-85.77	26.82	48.05	-49.36	-13.00	-36.36
708.99	V	-	-	-87.22	28.10	47.88	-49.53	-13.00	-36.53
933.02	V	-	-	-87.34	30.88	50.54	-46.87	-13.00	-33.87

Table 7-46. Radiated Spurious Data (WCDMA Cell) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 121 of 137

Channel:	4132
Frequency (MHz):	826.4

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]
1652.80	V	162	192	-69.89	-7.60	29.51	-65.74	-13.00	-52.74
2479.20	V	171	164	-58.94	-3.86	44.20	-51.06	-13.00	-38.06
3305.60	V	-	-	-75.52	-0.76	30.72	-64.53	-13.00	-51.53
4132.00	V	-	-	-75.09	1.31	33.22	-62.04	-13.00	-49.04
4958.40	V	-	-	-75.13	2.11	33.98	-61.28	-13.00	-48.28
5784.80	V	-	-	-76.25	3.92	34.67	-60.59	-13.00	-47.59

Table 7-47. Radiated Spurious Data (WCDMA Cell – Low Channel) – Ant2

Channel:	4183
Frequency (MHz):	836.6

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]
1673.20	V	152	199	-71.25	-7.37	28.38	-66.87	-13.00	-53.87
2509.80	V	157	179	-57.65	-3.74	45.61	-49.64	-13.00	-36.64
3346.40	V	-	-	-74.59	-0.39	32.02	-63.23	-13.00	-50.23
4183.00	V	-	-	-75.22	1.11	32.89	-62.37	-13.00	-49.37
5019.60	V	-	-	-75.31	2.27	33.96	-61.30	-13.00	-48.30
5856.20	V	-	-	-75.79	3.50	34.71	-60.55	-13.00	-47.55

Table 7-48. Radiated Spurious Data (WCDMA Cell – Mid Channel) – Ant2

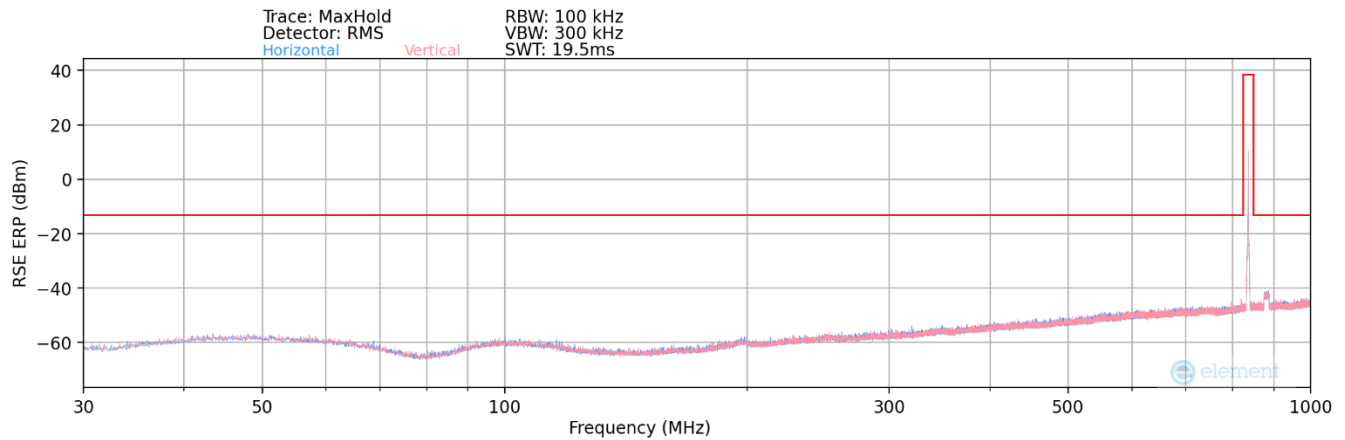
Channel:	4233
Frequency (MHz):	846.6

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]
1693.20	V	163	200	-72.59	-7.18	27.23	-68.03	-13.00	-55.03
2539.80	V	175	164	-59.48	-3.10	44.42	-50.84	-13.00	-37.84
3386.40	V	-	-	-75.35	-0.29	31.36	-63.90	-13.00	-50.90
4233.00	V	-	-	-74.77	1.02	33.25	-62.00	-13.00	-49.00
5079.60	V	-	-	-75.04	2.23	34.19	-61.07	-13.00	-48.07
5926.20	V	-	-	-76.08	3.32	34.24	-61.02	-13.00	-48.02

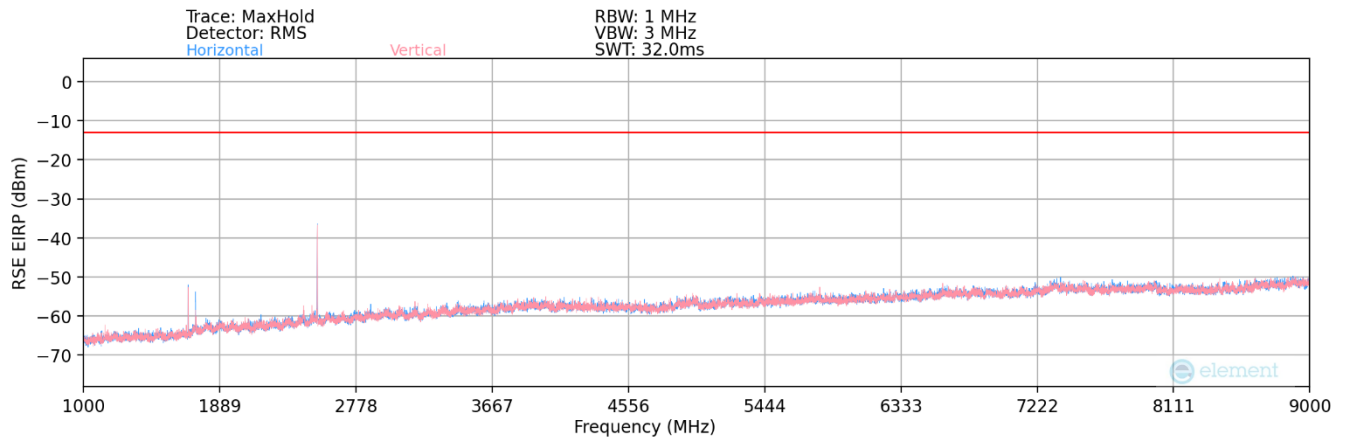
Table 7-49. Radiated Spurious Data (WCDMA Cell – High Channel) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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LTE Band 5 – Ant2



Plot 7-145. Radiated Spurious Plot (LTE Band 5) – Ant2



Plot 7-146. Radiated Spurious Plot (LTE Band 5) – Ant2

Bandwidth (MHz):	10
Frequency (MHz):	836.5
RB / Offset:	1 / 37

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]
418.00	V	-	-	-87.91	23.51	42.60	-54.81	-13.00	-41.81
705.20	V	-	-	-87.59	28.10	47.51	-49.90	-13.00	-36.90
902.98	V	-	-	-87.29	30.68	50.39	-47.02	-13.00	-34.02

Table 7-50. Radiated Spurious Data (LTE Band 5) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L	 This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.			Page 123 of 137

Bandwidth (MHz):	10
Frequency (MHz):	829
RB / Offset:	1 / 37

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]
1658.00	V	129	217	-63.98	-7.47	35.55	-59.71	-13.00	-46.71
2487.00	V	153	167	-52.00	-3.83	51.17	-44.08	-13.00	-31.08
3316.00	V	-	-	-75.00	-0.50	31.50	-63.75	-13.00	-50.75
4145.00	V	129	225	-75.60	1.28	32.68	-62.58	-13.00	-49.58
4974.00	V	-	-	-76.32	2.30	32.98	-62.28	-13.00	-49.28
5803.00	V	-	-	-77.45	3.64	33.19	-62.07	-13.00	-49.07

Table 7-51. Radiated Spurious Data (LTE Band 5 – Low Channel) – Ant2

Bandwidth (MHz):	10
Frequency (MHz):	836.5
RB / Offset:	1 / 37

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]
1673.00	V	126	204	-69.76	-7.37	29.87	-65.39	-13.00	-52.39
2509.50	V	156	176	-64.98	-3.74	38.28	-56.98	-13.00	-43.98
3346.00	V	-	-	-74.89	-0.39	31.72	-63.54	-13.00	-50.54
4182.50	V	-	-	-75.80	1.11	32.31	-62.95	-13.00	-49.95
5019.00	V	-	-	-75.26	2.26	34.00	-61.26	-13.00	-48.26
5855.50	V	-	-	-76.51	3.51	34.00	-61.26	-13.00	-48.26

Table 7-52. Radiated Spurious Data (LTE Band 5 – Mid Channel) – Ant2

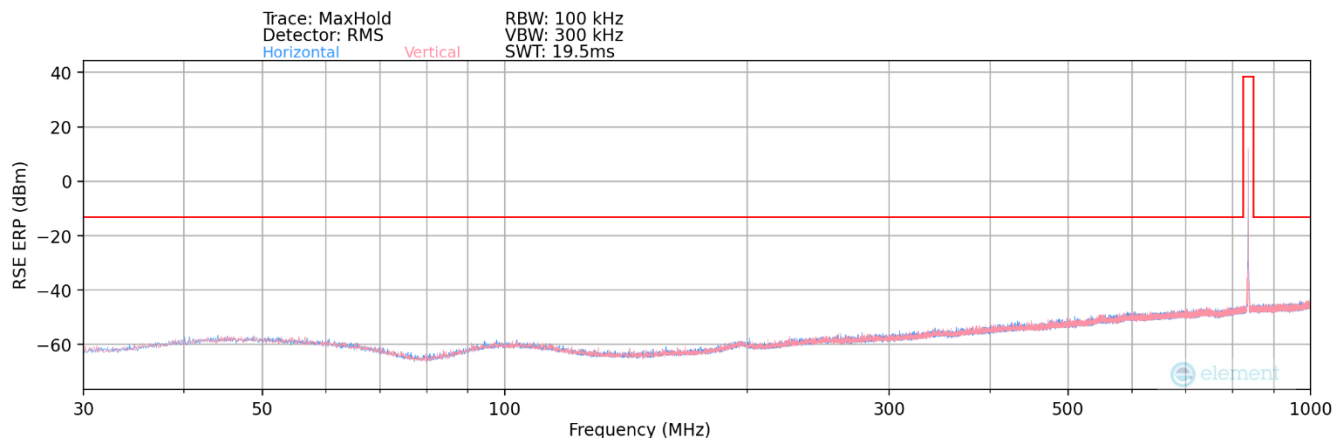
Bandwidth (MHz):	10
Frequency (MHz):	844
RB / Offset:	1 / 37

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]
1688.00	V	136	222	-62.15	-7.28	37.57	-57.68	-13.00	-44.68
2532.00	V	152	181	-51.82	-3.43	51.75	-43.50	-13.00	-30.50
3376.00	V	-	-	-76.01	0.02	31.01	-64.25	-13.00	-51.25
4220.00	V	129	225	-74.65	1.05	33.40	-61.86	-13.00	-48.86
5064.00	V	-	-	-76.45	2.46	33.01	-62.25	-13.00	-49.25
5908.00	V	-	-	-76.75	3.16	33.41	-61.85	-13.00	-48.85

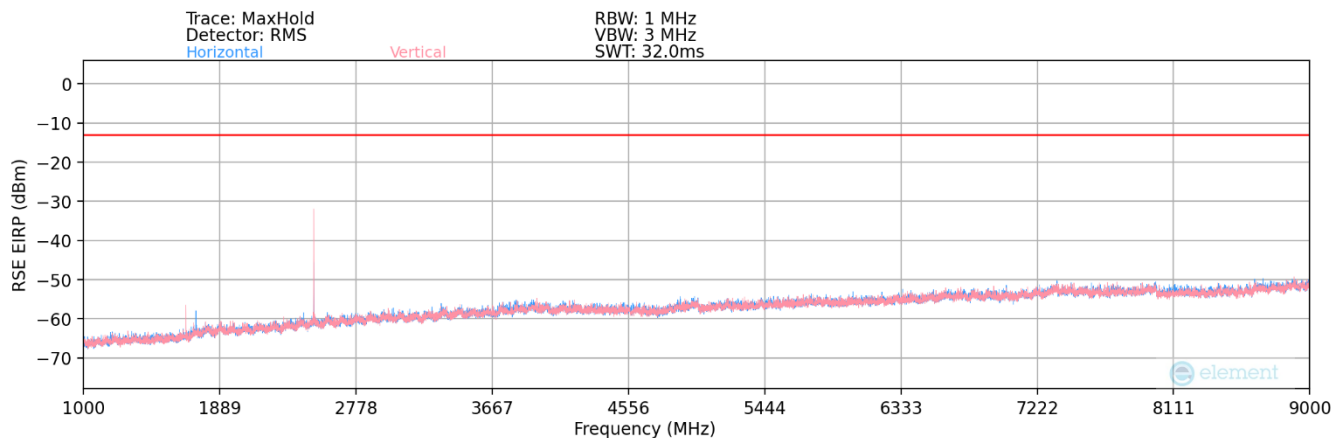
Table 7-53. Radiated Spurious Data (LTE Band 5 – High Channel) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 124 of 137

NR Band n5 – Ant2



Plot 7-147. Radiated Spurious Plot (NR Band n5) – Ant2



Plot 7-148. Radiated Spurious Plot (NR Band n5) – Ant2

Bandwidth (MHz):	20
Frequency (MHz):	836.5
RB / Offset:	1 / 53

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]
564.30	V	-	-	-87.22	25.80	45.58	-51.83	-13.00	-38.83
758.30	V	-	-	-88.46	29.00	47.54	-49.87	-13.00	-36.87
952.30	V	-	-	-88.40	30.91	49.51	-47.90	-13.00	-34.90

Table 7-54. Radiated Spurious Data (NR Band n5) – Ant2

FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
Test Report S/N: 1M2604240033-01-R1.A3L		This report is Blockchain Verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the Blockchain logo.		Page 125 of 137

Bandwidth (MHz):	20
Frequency (MHz):	834
RB / Offset:	1 / 53

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]
1668.00	V	136	241	-58.34	-7.42	41.24	-54.02	-13.00	-41.02
2502.00	V	146	165	-48.15	-3.87	54.98	-40.28	-13.00	-27.28
3336.00	V	-	-	-75.67	-0.44	30.89	-64.37	-13.00	-51.37
4170.00	V	-	-	-76.24	1.13	31.89	-63.37	-13.00	-50.37
5004.00	V	-	-	-76.12	2.16	33.04	-62.22	-13.00	-49.22
5838.00	V	-	-	-76.45	3.41	33.96	-61.29	-13.00	-48.29

Table 7-55. Radiated Spurious Data (NR Band n5 – Low Channel) – Ant2

Bandwidth (MHz):	20
Frequency (MHz):	836.5
RB / Offset:	1 / 53

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]
1673.00	V	143	229	-65.97	-7.37	33.66	-61.60	-13.00	-48.60
2509.50	V	149	174	-59.62	-3.74	43.64	-51.62	-13.00	-38.62
3346.00	V	-	-	-75.51	-0.39	31.10	-64.16	-13.00	-51.16
4182.50	V	-	-	-76.43	1.11	31.68	-63.58	-13.00	-50.58
5019.00	V	-	-	-76.30	2.26	32.96	-62.30	-13.00	-49.30
5855.50	V	-	-	-76.99	3.51	33.52	-61.74	-13.00	-48.74

Table 7-56. Radiated Spurious Data (NR Band n5 – Mid Channel) – Ant2

Bandwidth (MHz):	20
Frequency (MHz):	839
RB / Offset:	1 / 53

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]
1678.00	V	133	214	-70.82	-7.32	28.86	-66.40	-13.00	-53.40
2517.00	V	161	170	-59.94	-3.59	43.47	-51.79	-13.00	-38.79
3356.00	V	-	-	-75.69	-0.21	31.10	-64.16	-13.00	-51.16
4195.00	V	-	-	-75.85	1.23	32.38	-62.88	-13.00	-49.88
5034.00	V	-	-	-76.35	2.45	33.10	-62.16	-13.00	-49.16
5873.00	V	-	-	-76.65	3.20	33.55	-61.71	-13.00	-48.71

Table 7-57. Radiated Spurious Data (NR Band n5 – High Channel) – Ant2

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7.9 Frequency Stability / Temperature Variation

Test Overview and Limit

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

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

For Part 22 and RSS-132, the frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency.

Test Procedure Used

ANSI C63.26:2015 – Section 5.6

Test Settings

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

Test Setup

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

Test Notes

None

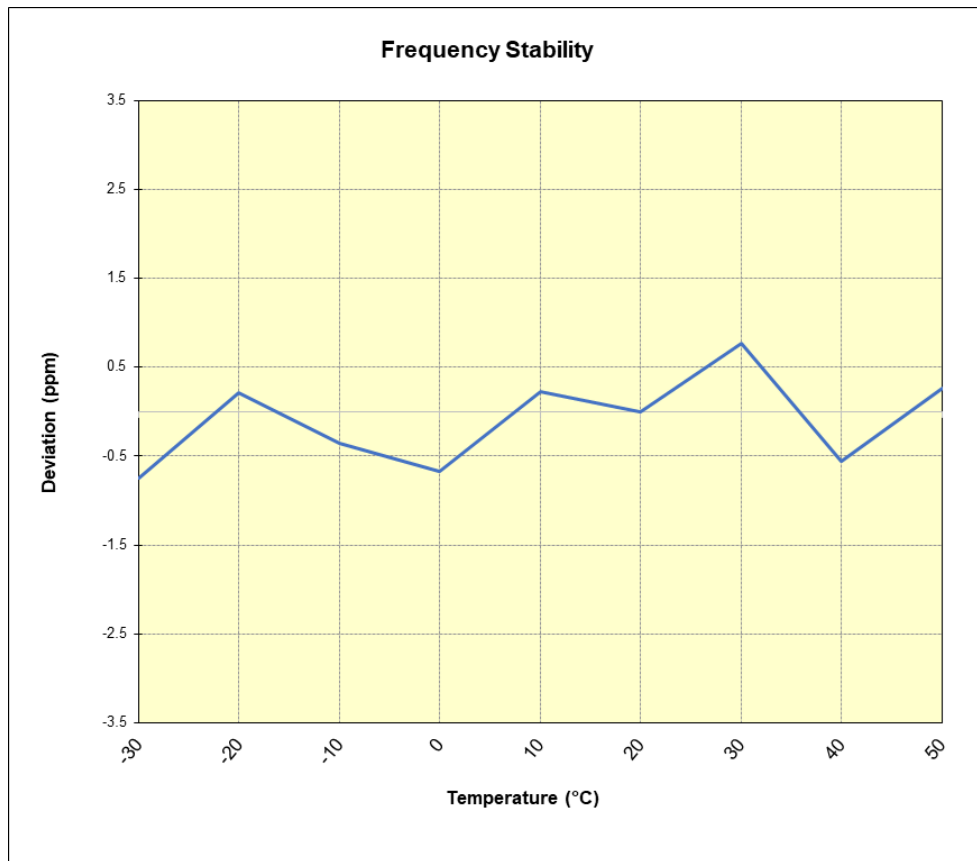
FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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GSM/GPRS Cellular

Operating Frequency (Hz):	836,600,000
Ref. Voltage (VDC):	4.521
Deviation Limit:	± 0.00025% or 2.5 ppm

Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.521	- 30	836,600,214	-628	-0.0000751
		- 20	836,601,024	182	0.0000218
		- 10	836,600,547	-295	-0.0000353
		0	836,600,285	-557	-0.0000666
		+ 10	836,601,028	186	0.0000222
		+ 20 (Ref)	836,600,842	0	0.0000000
		+ 30	836,601,489	647	0.0000773
		+ 40	836,600,377	-465	-0.0000556
		+ 50	836,601,059	217	0.0000259
Battery Endpoint	3.398	+ 20	836,600,481	-361	-0.0000432

Table 7-58. GPRS Cell Frequency Stability Data



Plot 7-149. GPRS Cell Frequency Stability Chart

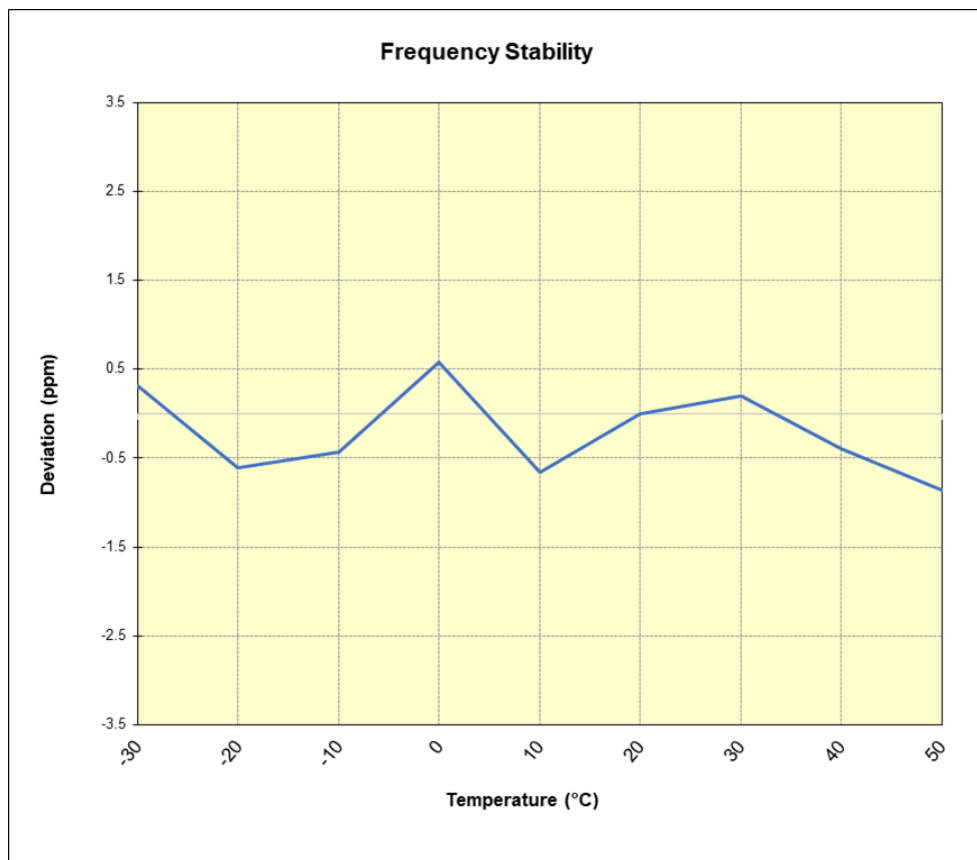
FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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WCDMA Cellular

Operating Frequency (Hz):	836,600,000
Ref. Voltage (VDC):	4.521
Deviation Limit:	± 0.00025% or 2.5 ppm

Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.521	- 30	836,601,064	266	0.0000318
		- 20	836,600,289	-509	-0.0000608
		- 10	836,600,438	-360	-0.0000430
		0	836,601,286	488	0.0000583
		+ 10	836,600,247	-551	-0.0000659
		+ 20 (Ref)	836,600,798	0	0.0000000
		+ 30	836,600,964	166	0.0000198
		+ 40	836,600,471	-327	-0.0000391
		+ 50	836,600,083	-715	-0.0000855
Battery Endpoint	3.398	+ 20	836,600,334	-464	-0.0000555

Table 7-59. WCDMA Cell Frequency Stability Data



Plot 7-150. WCDMA Cell Frequency Stability Chart

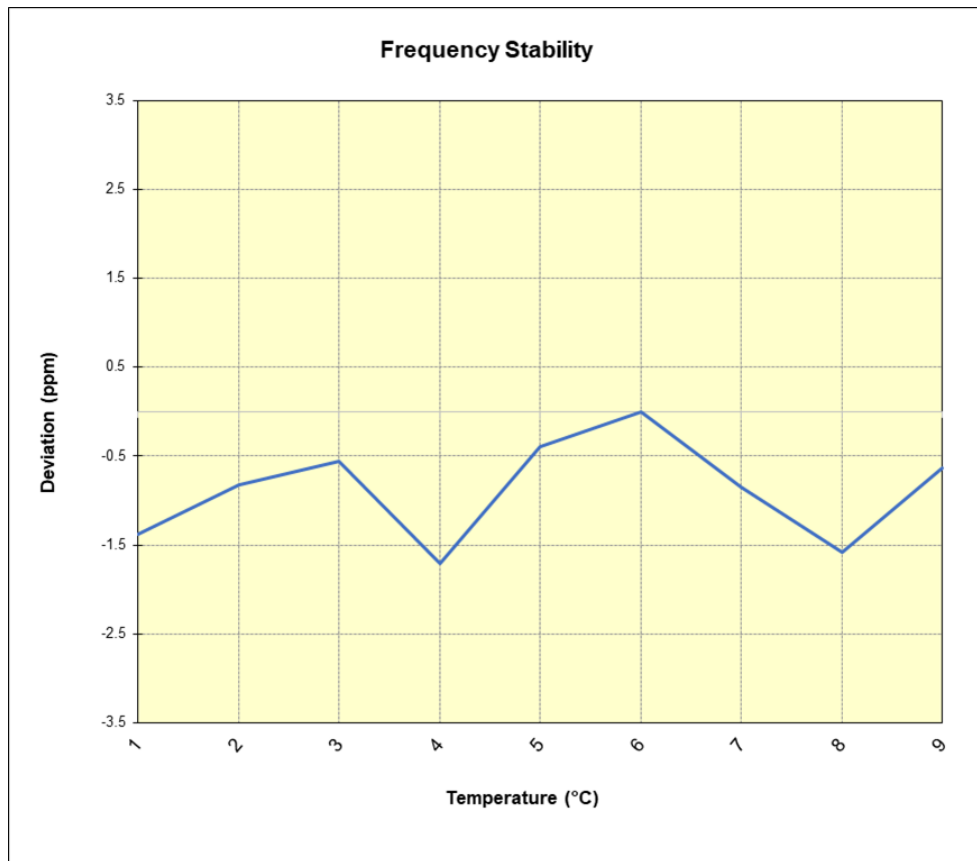
FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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LTE Band 5

Operating Frequency (Hz):	836,500,000
Ref. Voltage (VDC):	4.521
Deviation Limit:	± 0.00025% or 2.5 ppm

Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.521	- 30	836,500,418	-1,149	-0.0001374
		- 20	836,500,884	-683	-0.0000816
		- 10	836,501,103	-464	-0.0000555
		0	836,500,138	-1,429	-0.0001708
		+ 10	836,501,235	-332	-0.0000397
		+ 20 (Ref)	836,501,567	0	0.0000000
		+ 30	836,500,853	-714	-0.0000854
		+ 40	836,500,246	-1,321	-0.0001579
		+ 50	836,501,039	-528	-0.0000631
Battery Endpoint	3.398	+ 20	836,500,384	-1,183	-0.0001414

Table 7-60. LTE Band 5 Frequency Stability Data



Plot 7-151. LTE Band 5 Frequency Stability Chart

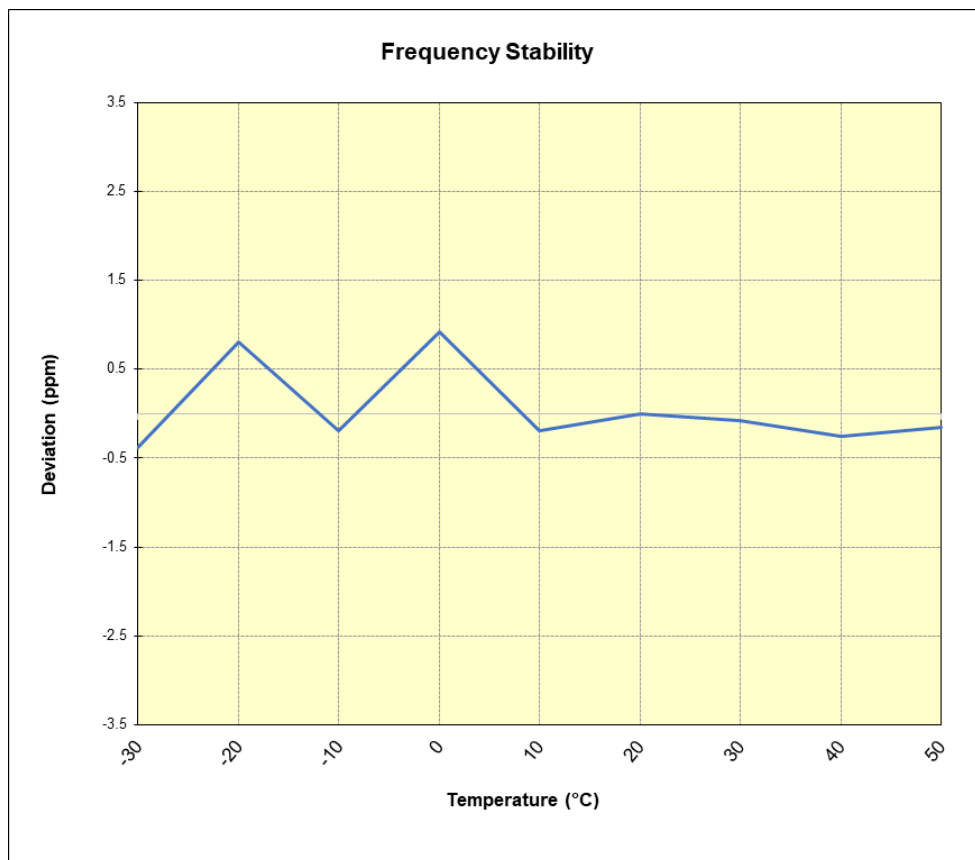
FCC ID: A3LSMF776JPN	PART 22 MEASUREMENT REPORT	Test Dates: 3/16/2026 - 5/22/2026	EUT Type: Portable Handset	Approved by: Technical Manager
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NR Band n5

Operating Frequency (Hz):	836,500,000
Ref. Voltage (VDC):	4.521
Deviation Limit:	± 0.00025% or 2.5 ppm

Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.521	- 30	836,500,037	-320	-0.0000383
		- 20	836,501,029	672	0.0000803
		- 10	836,500,194	-163	-0.0000195
		0	836,501,123	766	0.0000916
		+ 10	836,500,197	-160	-0.0000191
		+ 20 (Ref)	836,500,357	0	0.0000000
		+ 30	836,500,294	-63	-0.0000075
		+ 40	836,500,147	-210	-0.0000251
		+ 50	836,500,232	-125	-0.0000149
Battery Endpoint	3.398	+ 20	836,501,124	767	0.0000917

Table 7-61. NR Band n5 Frequency Stability Data



Plot 7-152. NR Band n5 Frequency Stability Chart

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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the **Samsung Portable Handset FCC ID: A3LSMF776JPN** complies with all the requirements of Part 22 of the FCC rules. The data referenced from **FCC ID: A3LSMF776U** (Model SM-F776U) included in this report have been reviewed and are deemed acceptable to support the compliance of **FCC ID: A3LSMF776JPN**

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9.0 APPENDIX A – DATA REFERENCING RESULTS

Overview

The spot-check data presented in this section was measured on the variant model following the guidance of the FCC's Data Referencing guidance in KDB 484596 D01 v03. Each spot-check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device. For the worst-case RSE data, the measurement is determined by an actual emission and not by noise floor.

All test cases were performed to verify the variant EUT is still in compliance with the spot-checked results to the reference device and was performed using the guidance of ANSI C63.26-2015.

Notes

1. Each spot check test on the EUT was performed using the same procedure and setting that were used to perform the test on the corresponding reference device.

Conducted Spot-Checks – SC-55G

Band	Channel	GPRS [dBm] 1Tx Slot
GSM 850	190	32.16

Table 9-1. Conducted Output Power Measurements (Spot-check) – GPRS850 – Ant 2

Band	Channel	Frequency [MHz]	Conducted Power [dBm]
WCDMA 850	4132	826.4	25.56

Table 9-2. Conducted Output Power Measurements (Spot-check) – WCDMA 850 Ant 2

Bandwidth	Modulation	Channel	Frequency [MHz]	RB Size/Offset	Conducted Power [dBm]
5 MHz	QPSK	27015	846.5	1 / 12	25.27

Table 9-3. Conducted Output Power Measurements (Spot-check) – LTE Band 5 – Ant 2

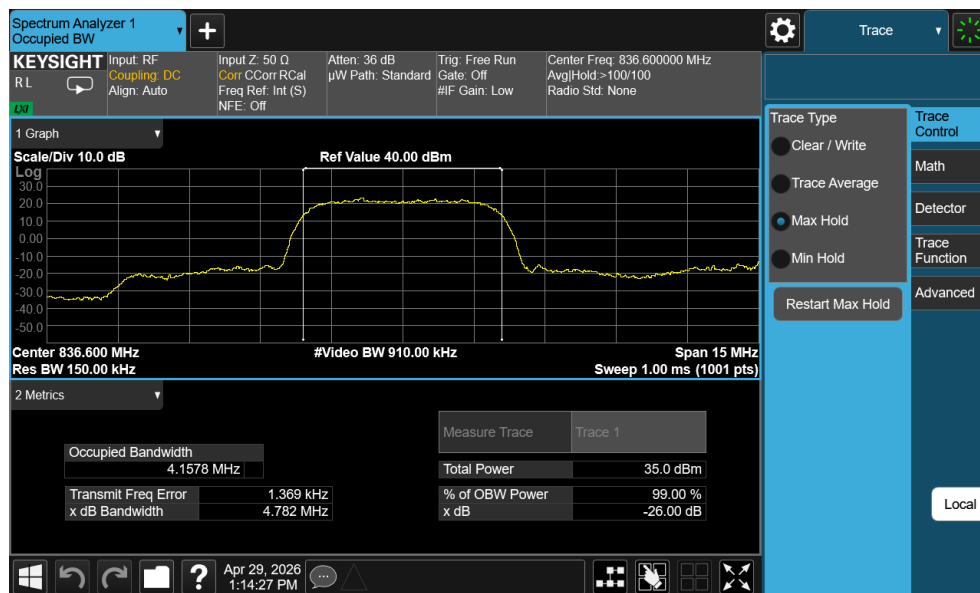
Bandwidth	Modulation	Channel	Frequency [MHz]	RB Size/Offset	Conducted Power [dBm]
15 MHz	$\pi/2$ BPSK	166300	831.5	1 / 77	24.68

Table 9-4. Conducted Output Power Measurements (Spot-check) – NR n5 – Ant 2

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Plot 9-1. Occupied Bandwidth (Spot-check) – GPRS850 (Spot-check)

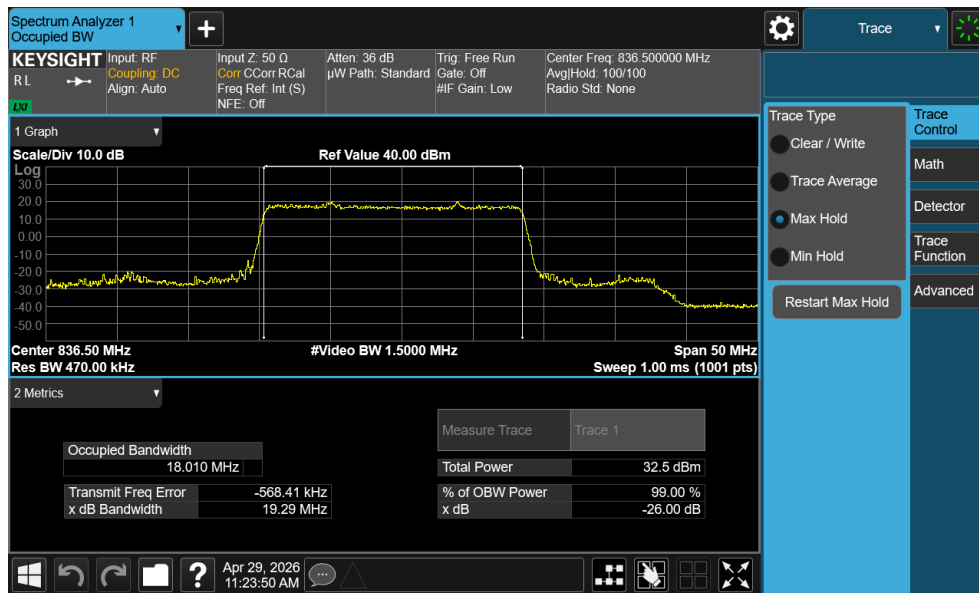


Plot 9-2. Occupied Bandwidth (Spot-check) – WCDMA 850 (Spot-check)

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Plot 9-3. Occupied Bandwidth (Spot-check) – LTE Band5 (Spot-check)



Plot 9-4. Occupied Bandwidth (Spot-check) – NR n5 (Spot-check)

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Radiated Spot-Checks – SC-55G

Frequency [MHz]	Mode	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Substitute Level [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
836.60	GSM850	H	123	302	27.35	1.08	26.28	0.424	38.45	-12.18

Table 9-5. ERP Measurements (Spot-check) – GPRS850 – Ant 1

Frequency [MHz]	Mode	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Substitute Level [dBm]	Ant. Gain [dBi]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
826.40	WCDMA850	H	117	286	20.00	1.05	18.90	0.078	38.45	-19.55

Table 9-6. ERP Measurements (Spot-check) – WCDMA 850 – Ant 1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	QPSK	826.50	V	105	278	1.05	1 / 0	20.44	19.34	0.086	38.45	-19.11

Table 9-7. ERP Measurements (Spot-check) – LTE Band 5 – Ant 1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
5 MHz	TT/2 BPSK	829.00	V	105	279	1.05	1 / 12	18.27	17.17	0.052	38.45	-21.28

Table 9-8. ERP Measurements (Spot-check) – NR n5 – Ant 1

Channel:	128
Frequency (MHz):	824.2

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]
2472.60	H	159	305	-39.19	-3.98	63.83	-31.42	-13.00	-18.42

Table 9-9. Radiated Spurious Measurements (Spot-check) – GPRS 850 – Ant 2

Channel:	4132
Frequency (MHz):	826.4

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]
2479.20	H	152	237	-53.25	-3.86	49.89	-45.37	-13.00	-32.37

Table 9-10. Radiated Spurious Measurements (Spot-check) – WCDMA 850 – Ant 1

Bandwidth (MHz):	10
Frequency (MHz):	844
RB / Offset:	1 / 37

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]
2532.00	V	148	173	-54.69	-3.43	48.88	-46.37	-13.00	-33.37

Table 9-11. Radiated Spurious Measurements (Spot-check) – LTE Band 5 – Ant 2

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Bandwidth (MHz):	20
Frequency (MHz):	839
RB / Offset:	1 / 53

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]
2517.00	H	154	302	-50.93	-3.59	52.48	-42.78	-13.00	-29.78

Table 9-12. Radiated Spurious Measurements (Spot-check) – NR n5 – Ant 1

Results

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: A3LSMF776U	Variant Model: A3LSMF776JPN	Deviation (dB)	Max Deviation (dB)	Pass/Fail
22	Conducted Output Power	Mid Ch. 190, Ant E	dBm	N/A	32.30	32.16	-0.14	1	PASS
	Occupied Bandwidth	Mid Ch. 190, Ant A	MHz	N/A	0.25	0.24	-0.01	N/A	PASS
	ERP	Mid Ch. 190, Ant A	dBm	38.45	26.67	26.28	-0.39	3	PASS
	RSE	Low Ch. 128, 2472.6MHz, Ant E	dBm	-13	-28.78	-31.42	-2.64	3	PASS

Table 9-13. Summary of Spot-checks – GPRS850 – Ant 1 & 2

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: A3LSMF776U	Variant Model: A3LSMF776JPN	Deviation (dB)	Max Deviation (dB)	Pass/Fail
22	Conducted Output Power	Low Ch. 4132, Ant E	dBm	N/A	25.24	25.56	0.32	1	PASS
	Occupied Bandwidth	Mid Ch. 4183, Ant A	MHz	N/A	4.17	4.16	-0.01	N/A	PASS
	ERP	Low Ch. 4132, Ant A	dBm	38.45	18.83	18.90	0.07	3	PASS
	RSE	Low Ch. 4132, 2479.2MHz, Ant A	dBm	-13	-47.41	-45.37	2.04	3	PASS

Table 9-14. Summary of Spot-checks – WCDMA 850 – Ant 1 & 2

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: A3LSMF776U	Variant Model: A3LSMF776JPN	Deviation (dB)	Max Deviation (dB)	Pass/Fail
22	Conducted Output Power	Mid Ch. 27015, 5MHz, QPSK, Ant E	dBm	N/A	24.82	25.27	0.45	1	PASS
	Occupied Bandwidth	Mid Ch. 26915, 10MHz, QPSK, Ant A	MHz	N/A	9.05	9.03	-0.02	N/A	PASS
	ERP	Low Ch. 5MHz, QPSK, Ant A	dBm	38.45	18.99	19.34	0.35	3	PASS
	RSE	High Ch. 26965, 15MHz, QPSK, 2524.5MHz, Ant E	dBm	-13	-43.50	-46.37	-2.87	3	PASS

Table 9-15. Summary of Spot-checks – LTE Band 5 – Ant 1 & 2

FCC Rules	Test Item	Test Case	Units	Limit	Reference Model: A3LSMF776U	Variant Model: A3LSMF776JPN	Deviation (dB)	Max Deviation (dB)	Pass/Fail
22	Conducted Output Power	Low Ch. 166300, 15MHz, BPSK, Ant E	dBm	N/A	24.69	24.68	-0.01	1	PASS
	Occupied Bandwidth	Mid Ch. 167300, 20MHz, QPSK, Ant A	MHz	N/A	18.00	18.01	0.01	N/A	PASS
	ERP	Low Ch. 5MHz, BPSK, Ant A	dBm	38.45	18.39	17.17	-1.22	3	PASS
	RSE	High Ch. 20MHz, QPSK, 2517MHz, Ant A	dBm	-13	-39.90	-42.78	-2.88	3	PASS

Table 9-16. Summary of Spot-checks – NR n5 – Ant 1 & 2

- END OF TEST REPORT -

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