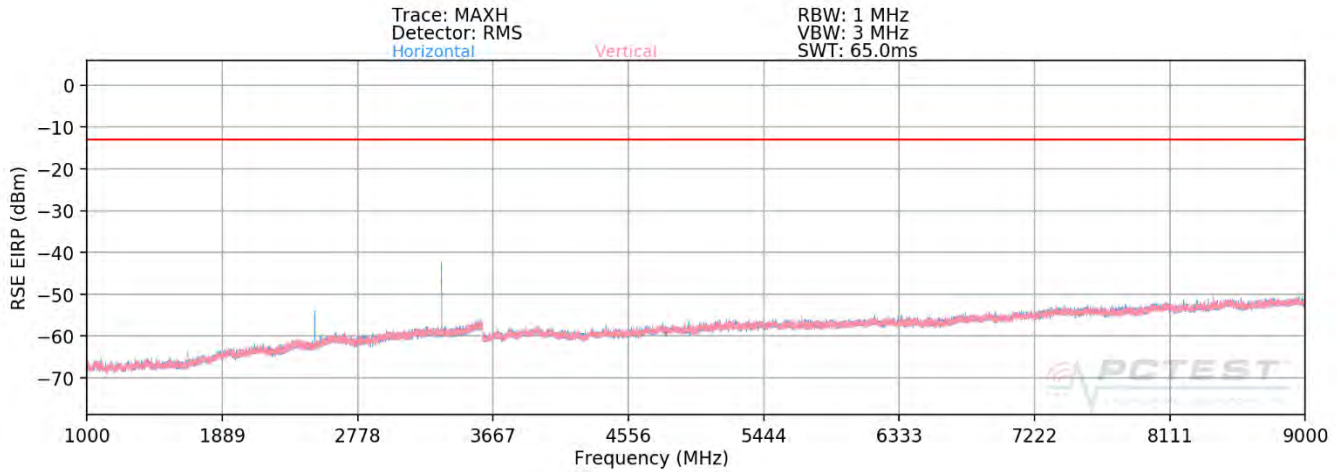
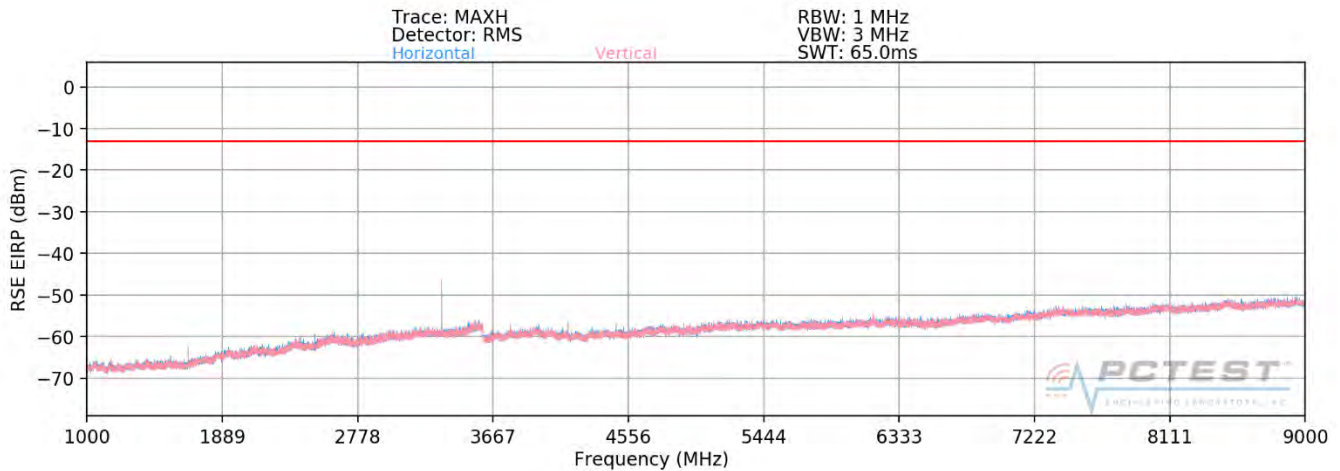


Band 26/5



Plot 7-282. Radiated Spurious Plot above 1GHz (Band 26 - CLOSED)



Plot 7-283. Radiated Spurious Plot above 1GHz (Band 26 - OPEN)

OPERATING FREQUENCY: 829.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1658.00	H	-	-	-69.85	3.61	-66.24	-53.2
2487.00	H	-	-	-67.72	4.25	-63.47	-50.5
3316.00	H	105	237	-61.58	5.83	-55.75	-42.7
4145.00	H	-	-	-69.37	7.66	-61.70	-48.7
4974.00	H	-	-	-69.83	8.56	-61.27	-48.3

Table 7-19. Radiated Spurious Data (Band 26/5 – Low Channel - CLOSED)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 179 of 206	

OPERATING FREQUENCY: 836.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1673.00	H	-	-	-69.84	3.62	-66.22	-53.2
2509.50	H	-	-	-67.72	4.33	-63.39	-50.4
3346.00	H	105	229	-57.21	5.92	-51.30	-38.3
4182.50	H	-	-	-69.10	7.69	-61.41	-48.4
5019.00	H	-	-	-70.09	8.56	-61.53	-48.5

Table 7-20. Radiated Spurious Data (Band 26/5 – Mid Channel - CLOSED)

OPERATING FREQUENCY: 844.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1688.00	H	-	-	-69.54	3.63	-65.91	-52.9
2532.00	H	-	-	-67.57	4.47	-63.10	-50.1
3376.00	H	102	235	-58.98	6.05	-52.93	-39.9
4220.00	H	-	-	-69.28	7.75	-61.53	-48.5
5064.00	H	-	-	-69.63	8.59	-61.04	-48.0

Table 7-21. Radiated Spurious Data (Band 26/5 – High Channel - CLOSED)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 180 of 206	

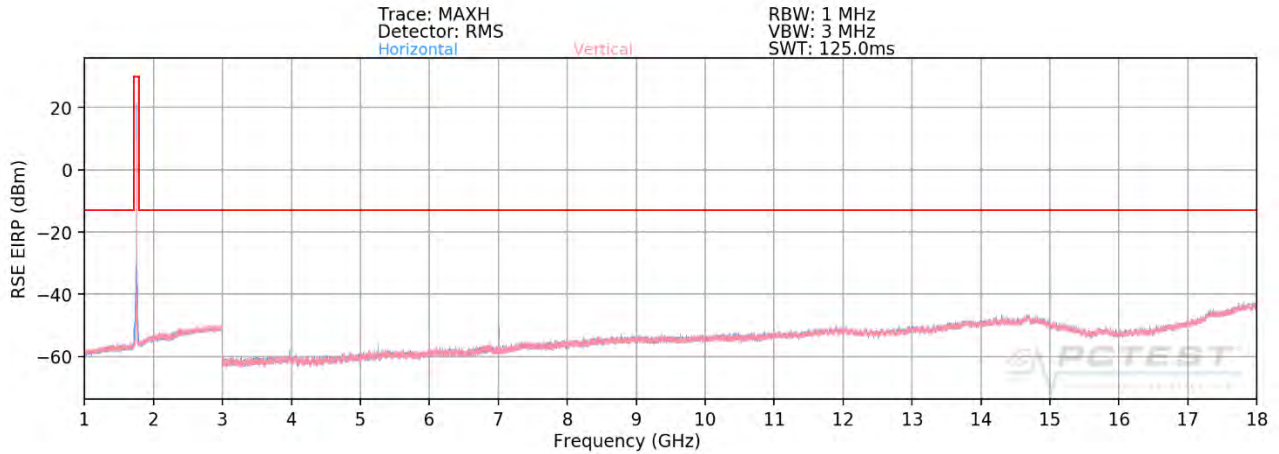
OPERATING FREQUENCY: 836.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 10.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
1673.00	H	134	341	-59.34	3.10	-56.24	-43.2
2509.50	H	-	-	-58.43	4.02	-54.41	-41.4
3346.00	H	149	55	-51.96	6.03	-45.93	-32.9
4182.50	H	-	-	-59.41	0.00	-59.41	-46.4
5019.00	H	-	-	-58.38	0.00	-58.38	-45.4

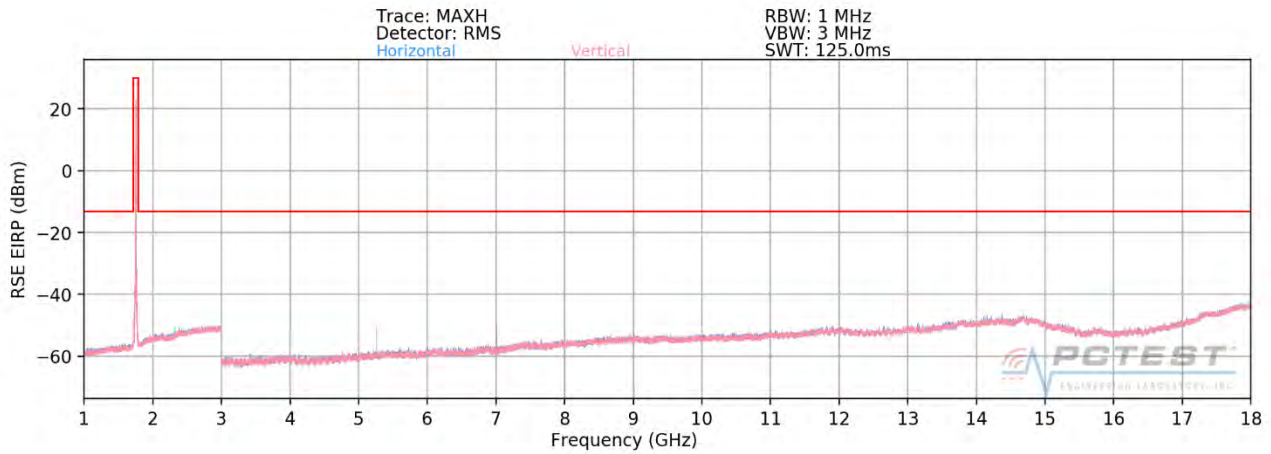
Table 7-22. Radiated Spurious Data with WCP (Band 26/5 – Mid Channel - CLOSED)

FCC ID: A3LSMF907B			MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 181 of 206	

Band 66/4



Plot 7-284. Radiated Spurious Plot above 1GHz (Band 66/4 - CLOSED)



Plot 7-285. Radiated Spurious Plot above 1GHz (Band 66/4 - OPEN)

FCC ID: A3LSMF907B	 MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset	Page 182 of 206	

OPERATING FREQUENCY: 1720.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3440.00	H	209	95	-67.38	6.28	-61.10	-48.1
5160.00	H	-	-	-69.49	8.98	-60.51	-47.5
6880.00	H	192	353	-65.34	9.42	-55.92	-42.9
8600.00	H	-	-	-64.89	9.62	-55.27	-42.3
10320.00	H	-	-	-62.58	9.56	-53.01	-40.0

Table 7-23. Radiated Spurious Data (Band 66/4 – Low Channel - OPEN)

OPERATING FREQUENCY: 1745.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3490.00	H	341	149	-68.27	6.47	-61.81	-48.8
5235.00	H	-	-	-69.54	8.97	-60.58	-47.6
6980.00	H	178	3	-66.49	9.23	-57.26	-44.3
8725.00	H	-	-	-65.13	9.59	-55.53	-42.5
10470.00	H	-	-	-62.08	9.43	-52.65	-39.6

Table 7-24. Radiated Spurious Data (Band 66/4 – Mid Channel - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset	Page 183 of 206	

OPERATING FREQUENCY: 1770.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3540.00	H	-	-	-67.88	6.45	-61.43	-48.4
5310.00	H	-	-	-69.87	9.09	-60.78	-47.8
7080.00	H	224	7	-65.50	9.17	-56.33	-43.3
8850.00	H	-	-	-64.44	9.57	-54.87	-41.9
10620.00	H	-	-	-61.77	9.55	-52.22	-39.2

Table 7-25. Radiated Spurious Data (Band 66/4 – High Channel - OPEN)

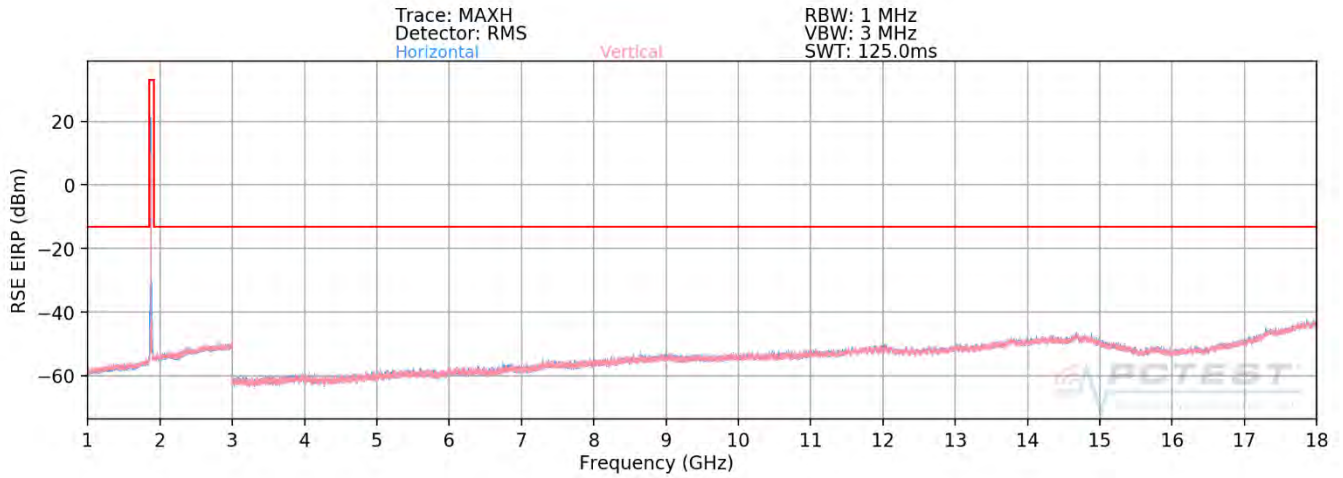
OPERATING FREQUENCY: 1770.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3540.00	H	-	-	-67.88	6.45	-61.43	-48.4
5310.00	H	-	-	-69.87	9.09	-60.78	-47.8
7080.00	H	224	7	-65.50	9.17	-56.33	-43.3
8850.00	H	-	-	-64.44	9.57	-54.87	-41.9
10620.00	H	-	-	-61.77	9.55	-52.22	-39.2

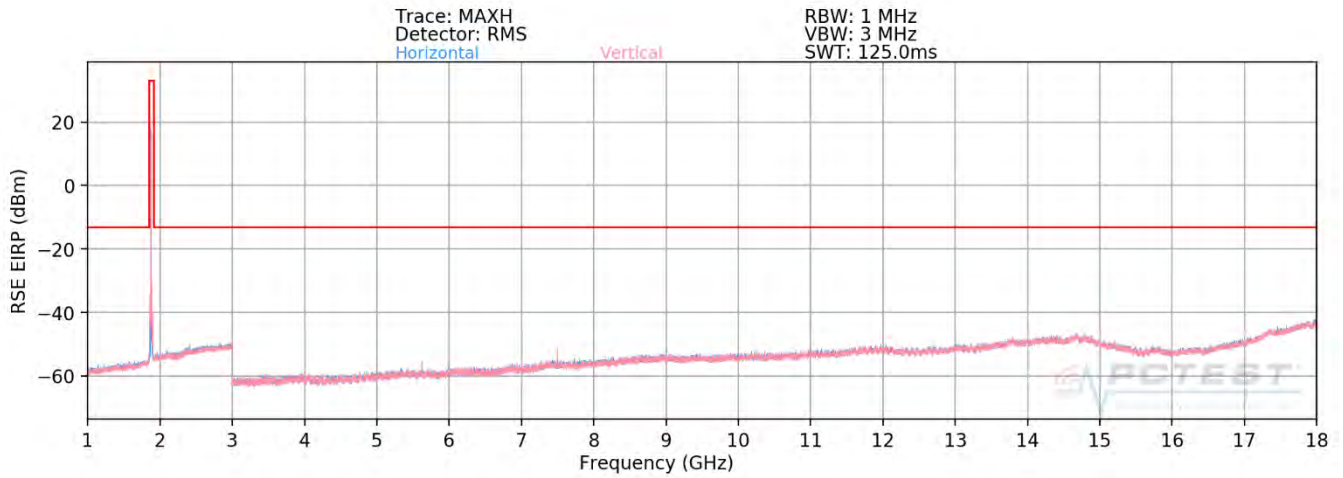
Table 7-26. Radiated Spurious Data with WCP (Band 66/4 – High Channel - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 184 of 206	

Band 25/2



Plot 7-286. Radiated Spurious Plot above 1GHz (Band 25/2 - CLOSED)



Plot 7-287. Radiated Spurious Plot above 1GHz (Band 25/2 - OPEN)

<p>FCC ID: A3LSMF907B</p>	<p>PCTEST ENGINEERING LABORATORY, INC.</p> <p>MEASUREMENT REPORT (CERTIFICATION)</p>		<p>Approved by: Quality Manager</p>
<p>Test Report S/N: 1M1904220064-03.A3L</p>	<p>Test Dates: 01/22 - 05/17/2019</p>	<p>EUT Type: Portable Handset</p>	<p>Page 185 of 206</p>

OPERATING FREQUENCY: 1860.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3720.00	V	-	-	-68.50	6.90	-61.60	-48.6
5580.00	V	-	-	-69.37	9.06	-60.31	-47.3
7440.00	V	151	73	-66.17	9.26	-56.91	-43.9
9300.00	V	-	-	-63.28	9.40	-53.88	-40.9
11160.00	V	-	-	-62.13	9.46	-52.66	-39.7

Table 7-27. Radiated Spurious Data (Band 25/2 – Low Channel - OPEN)

OPERATING FREQUENCY: 1882.50 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3765.00	V	327	294	-68.86	6.94	-61.91	-48.9
5647.50	V	-	-	-69.56	9.17	-60.40	-47.4
7530.00	V	259	23	-64.53	9.31	-55.22	-42.2
9412.50	V	-	-	-63.09	9.50	-53.59	-40.6
11295.00	V	-	-	-60.54	9.49	-51.05	-38.1

Table 7-28. Radiated Spurious Data (Band 25/2 – Mid Channel - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 186 of 206	

OPERATING FREQUENCY: 1905.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3810.00	V	-	-	-68.46	7.07	-61.39	-48.4
5715.00	V	-	-	-69.28	9.04	-60.24	-47.2

Table 7-29. Radiated Spurious Data (Band 25/2 – High Channel - OPEN)

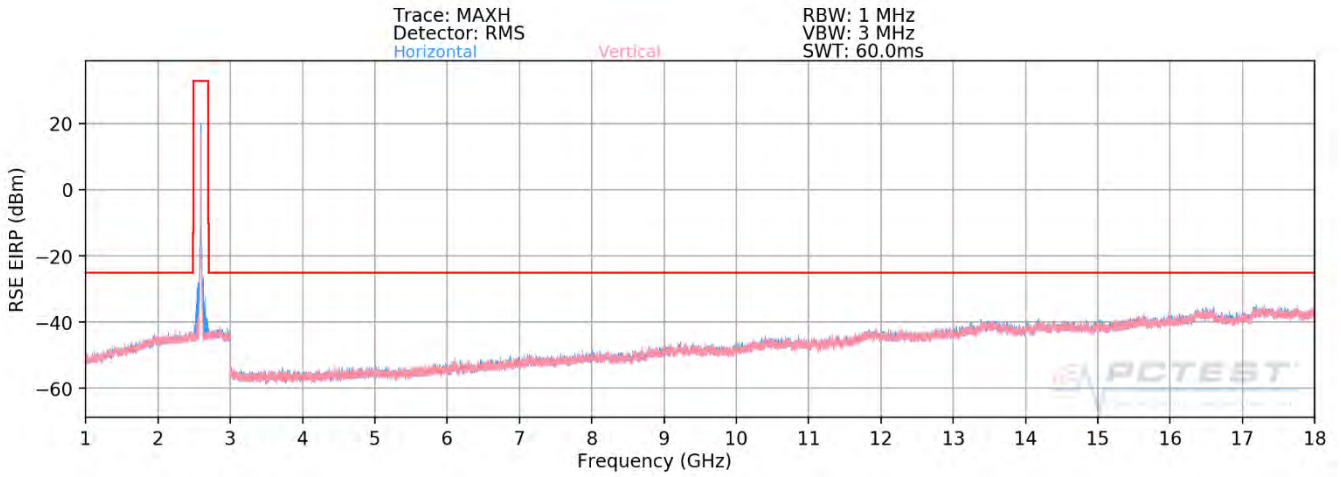
OPERATING FREQUENCY: 1860.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -13 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
3720.00	V	-	-	-58.51	6.90	-51.61	-38.6
5580.00	V	-	-	-60.37	9.06	-51.31	-38.3

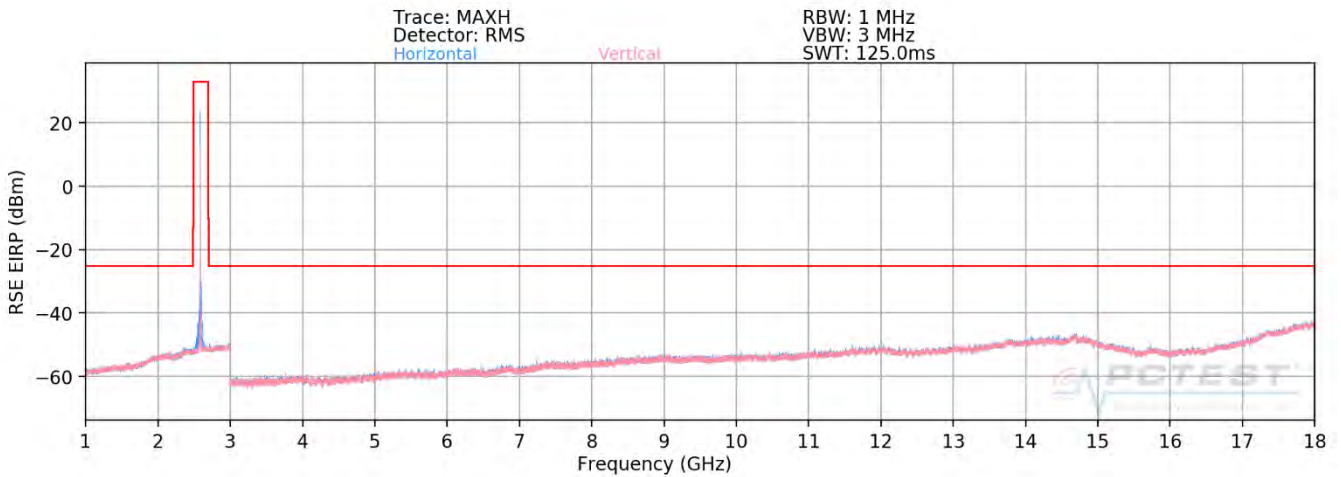
Table 7-30. Radiated Spurious Data with WCP (Band 25/2 – Low Channel - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 187 of 206	

Band 41 PC3

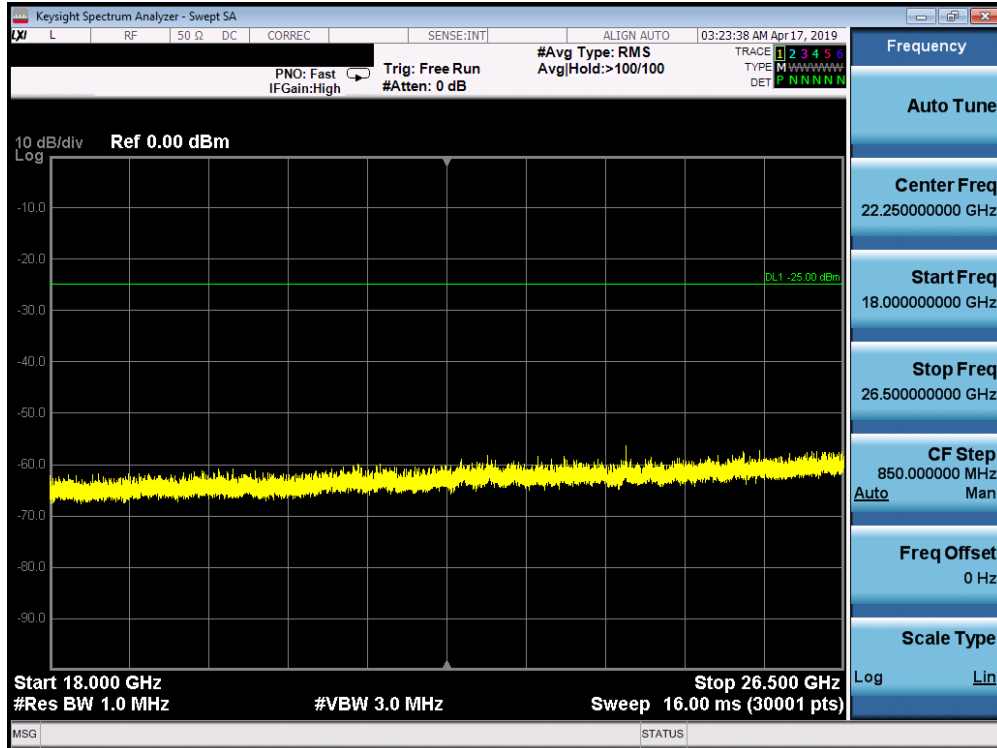


Plot 7-288. Radiated Spurious Plot 1GHz - 18GHz (Band 41 PC3 - CLOSED)

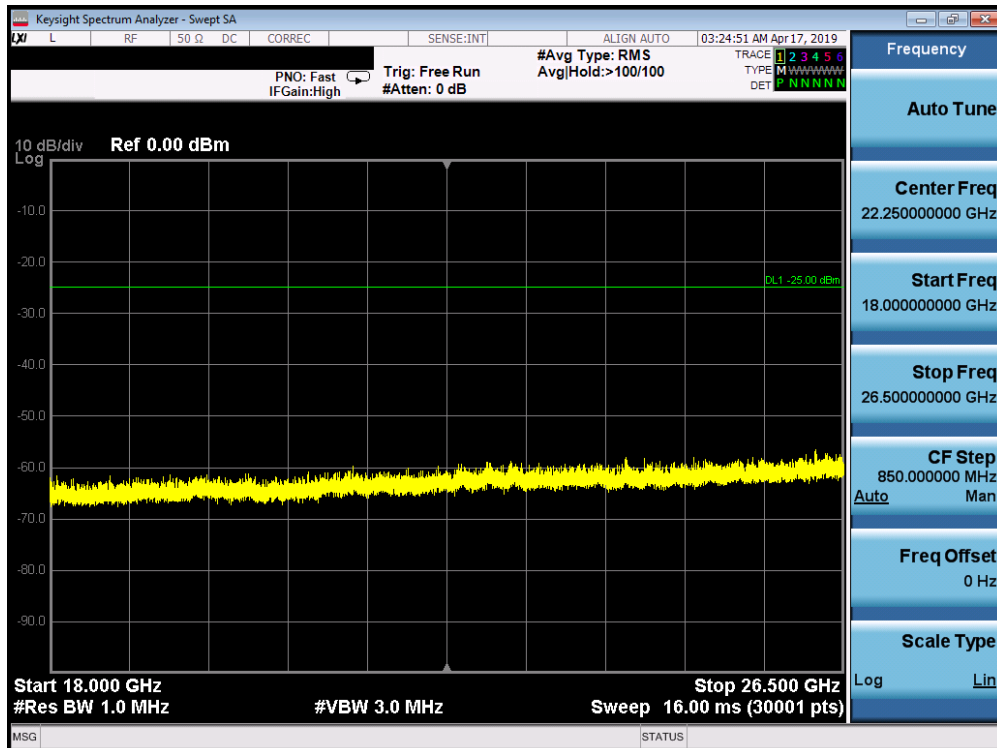


Plot 7-289. Radiated Spurious Plot 1GHz - 18GHz (Band 41 PC3 - OPEN)

FCC ID: A3LSMF907B	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset	Page 188 of 206



Plot 7-292. Radiated Spurious Plot 18GHz – 26.5GHz (Band 41 PC3 – H - OPEN)



Plot 7-293. Radiated Spurious Plot 18GHz – 26.5GHz (Band 41 PC3 – V - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 190 of 206

OPERATING FREQUENCY: 2510.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
5020.00	H	312	203	-72.82	10.88	-61.94	-36.9
7530.00	H	-	-	-69.32	11.13	-58.19	-33.2
10040.00	H	-	-	-68.56	11.99	-56.57	-31.6

Table 7-31. Radiated Spurious Data (Band 41 PC3 – Low Channel - OPEN)

OPERATING FREQUENCY: 2593.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
5186.00	H	-	-	-73.05	10.74	-62.31	-37.3
7779.00	H	-	-	-69.47	11.44	-58.03	-33.0

Table 7-32. Radiated Spurious Data (Band 41 PC3 – Mid Channel - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 191 of 206	

OPERATING FREQUENCY: 2680.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
5360.00	H	335	36	-71.54	10.70	-60.84	-35.8
8040.00	H	-	-	-69.62	11.16	-58.46	-33.5
10720.00	H	-	-	-69.35	12.59	-56.75	-31.8

Table 7-33. Radiated Spurious Data (Band 41 PC3 – High Channel - OPEN)

OPERATING FREQUENCY: 2680.00 MHz
 MODULATION SIGNAL: QPSK
 BANDWIDTH: 20.0 MHz
 DISTANCE: 3 meters
 LIMIT: -25 dBm

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Level at Antenna Terminals [dBm]	Substitute Antenna Gain [dBi]	Spurious Emission Level [dBm]	Margin [dB]
5360.00	H	335	36	-71.54	10.70	-60.84	-35.8
8040.00	H	-	-	-69.62	11.16	-58.46	-33.5
10720.00	H	-	-	-69.35	12.59	-56.75	-31.8

Table 7-34. Radiated Spurious Data with WCP (Band 41 PC3 – High Channel - OPEN)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 192 of 206	

7.8 Frequency Stability / Temperature Variation

Test Overview and Limit

Frequency stability testing is performed in accordance with the guidelines of ANSI/TIA-603-E-2016. 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, the frequency stability of the transmitter shall be maintained within ±0.00025% (±2.5 ppm) of the center frequency. For Part 24, Part 27, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test Procedure Used

ANSI/TIA-603-E-2016

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: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 193 of 206

Band 12 Frequency Stability Measurements

OPERATING FREQUENCY: 707,500,000 Hz
 CHANNEL: 23790
 REFERENCE VOLTAGE: 4.27 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.27	- 30	707,500,282	282	0.0000399
100 %		- 20	707,500,246	246	0.0000348
100 %		- 10	707,500,014	14	0.0000020
100 %		0	707,499,940	-60	-0.0000085
100 %		+ 10	707,499,988	-12	-0.0000017
100 %		+ 20	707,499,918	-82	-0.0000116
100 %		+ 30	707,500,007	7	0.0000010
100 %		+ 40	707,499,769	-231	-0.0000327
100 %		+ 50	707,499,863	-137	-0.0000194
BATT. ENDPOINT		3.45	+ 20	707,500,196	196

Table 7-35. Frequency Stability Data (Band 12)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 194 of 206	

Band 12 Frequency Stability Measurements

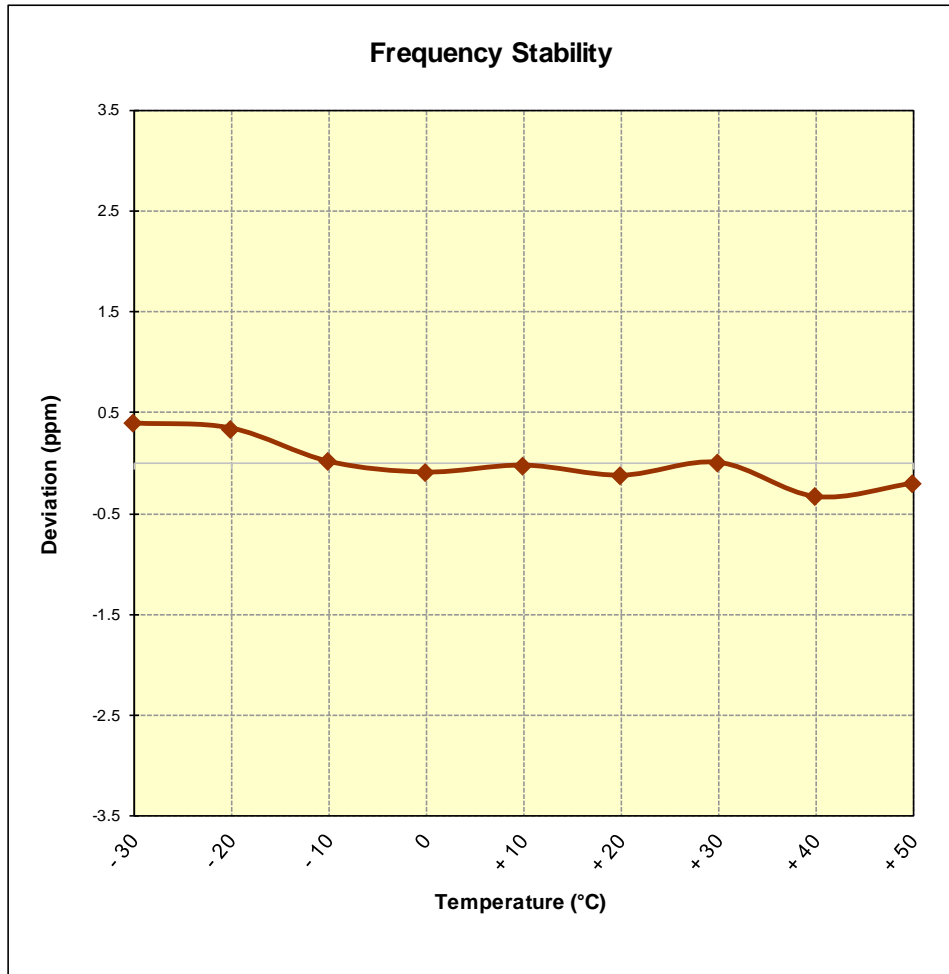


Figure 7-8. Frequency Stability Graph (Band 12)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 1M1904220064-03.A3L	Test Dates: 01/22 - 05/17/2019	EUT Type: Portable Handset		Page 195 of 206

Band 13 Frequency Stability Measurements

OPERATING FREQUENCY: 782,000,000 Hz
 CHANNEL: 23230
 REFERENCE VOLTAGE: 4.27 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.27	- 30	781,999,848	-152	-0.0000194
100 %		- 20	782,000,201	201	0.0000257
100 %		- 10	782,000,136	136	0.0000174
100 %		0	781,999,833	-167	-0.0000214
100 %		+ 10	782,000,106	106	0.0000136
100 %		+ 20	781,999,981	-19	-0.0000024
100 %		+ 30	781,999,817	-183	-0.0000234
100 %		+ 40	781,999,727	-273	-0.0000349
100 %		+ 50	781,999,587	-413	-0.0000528
BATT. ENDPOINT		3.45	+ 20	781,999,970	-30

Table 7-36. Frequency Stability Data (Band 13)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

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Band 13 Frequency Stability Measurements

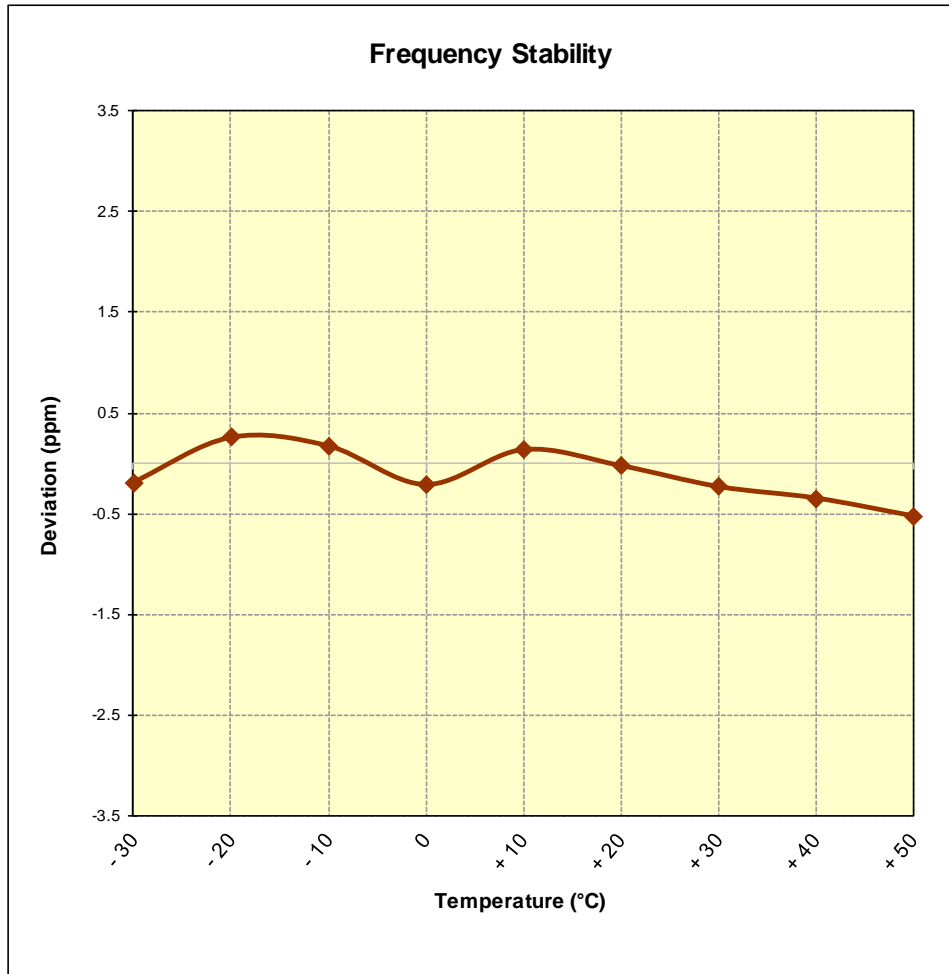


Figure 7-9. Frequency Stability Graph (Band 13)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Band 26/5 Frequency Stability Measurements

OPERATING FREQUENCY: 831,500,000 Hz
 CHANNEL: 26865
 REFERENCE VOLTAGE: 4.27 VDC
 DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.27	- 30	831,500,270	270	0.0000325
100 %		- 20	831,500,222	222	0.0000267
100 %		- 10	831,499,864	-136	-0.0000164
100 %		0	831,500,015	15	0.0000018
100 %		+ 10	831,499,857	-143	-0.0000172
100 %		+ 20	831,499,852	-148	-0.0000178
100 %		+ 30	831,500,042	42	0.0000051
100 %		+ 40	831,499,903	-97	-0.0000117
100 %		+ 50	831,499,991	-9	-0.0000011
BATT. ENDPOINT		3.45	+ 20	831,500,053	53

Table 7-37. Frequency Stability Data (Band 26/5)

FCC ID: A3LSMF907B	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
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Band 26/5 Frequency Stability Measurements

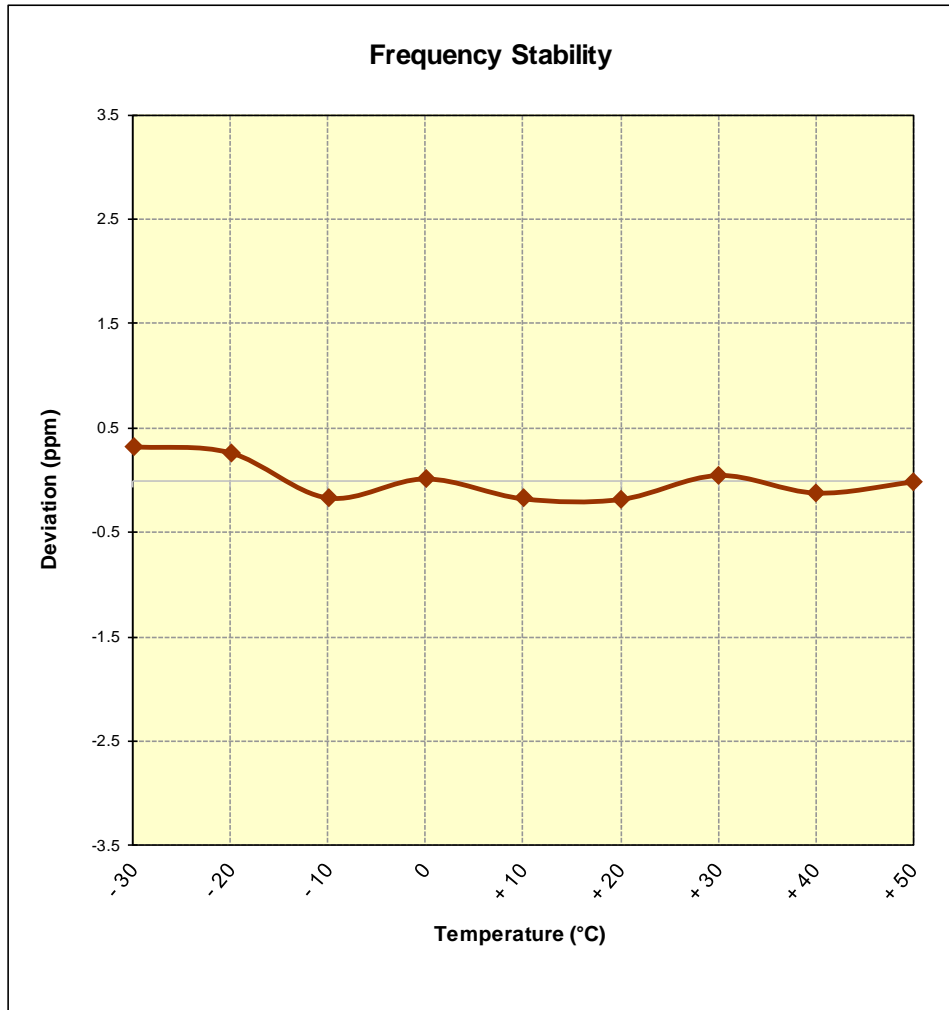


Figure 7-10. Frequency Stability Graph (Band 26/5)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Band 66/4 Frequency Stability Measurements

OPERATING FREQUENCY: 1,745,000,000 Hz
 CHANNEL: 132322
 REFERENCE VOLTAGE: 4.27 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.27	- 30	1,745,000,067	67	0.0000038
100 %		- 20	1,745,000,097	97	0.0000056
100 %		- 10	1,744,999,983	-17	-0.0000010
100 %		0	1,744,999,979	-21	-0.0000012
100 %		+ 10	1,745,000,347	347	0.0000199
100 %		+ 20	1,745,000,162	162	0.0000093
100 %		+ 30	1,744,999,932	-68	-0.0000039
100 %		+ 40	1,745,000,038	38	0.0000022
100 %		+ 50	1,744,999,786	-214	-0.0000123
BATT. ENDPOINT		3.45	+ 20	1,744,999,569	-431

Table 7-38. Frequency Stability Data (Band 66/4)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Band 66/4 Frequency Stability Measurements

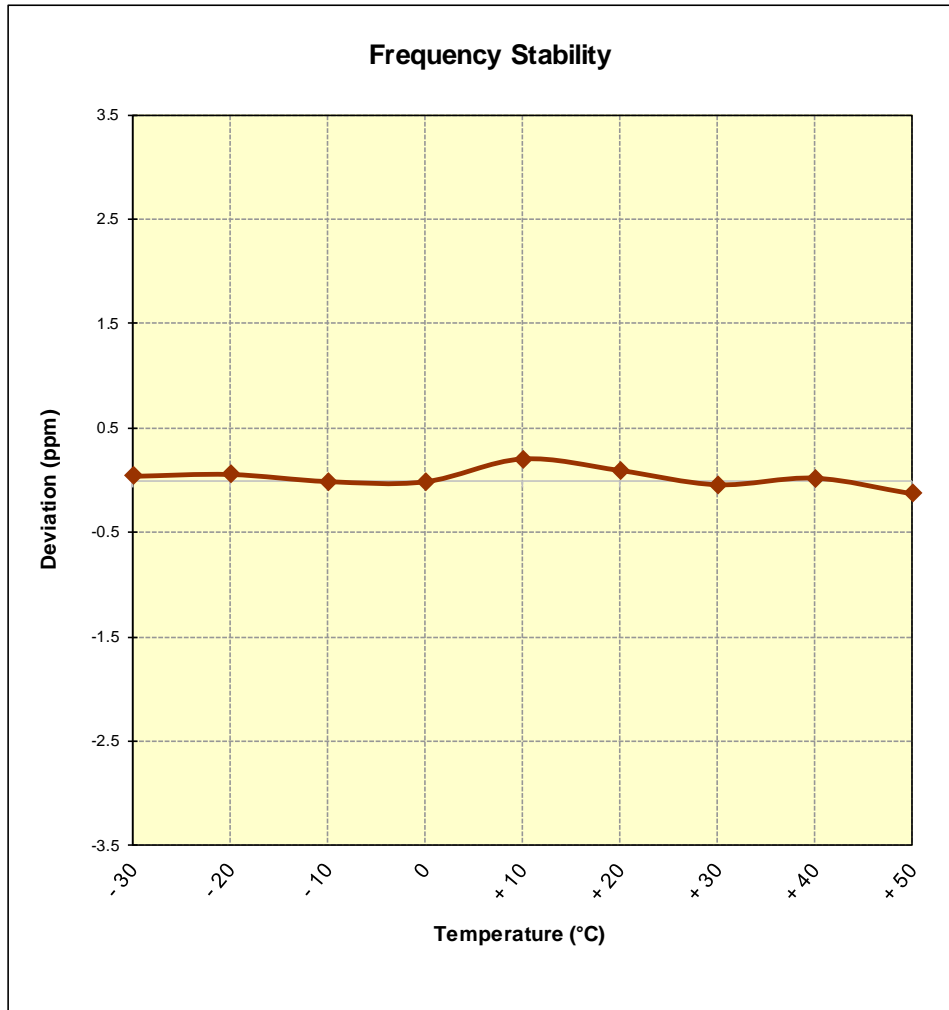


Figure 7-11. Frequency Stability Graph (Band 66/4)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)	 Approved by: Quality Manager
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Band 25/2 Frequency Stability Measurements

OPERATING FREQUENCY: 1,882,500,000 Hz
 CHANNEL: 26365
 REFERENCE VOLTAGE: 4.27 VDC
 DEVIATION LIMIT: ± 0.00025 % or 2.5 ppm

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.27	- 30	1,882,499,839	-161	-0.0000086
100 %		- 20	1,882,499,897	-103	-0.0000055
100 %		- 10	1,882,500,056	56	0.0000030
100 %		0	1,882,500,181	181	0.0000096
100 %		+ 10	1,882,500,192	192	0.0000102
100 %		+ 20	1,882,499,955	-45	-0.0000024
100 %		+ 30	1,882,500,051	51	0.0000027
100 %		+ 40	1,882,500,067	67	0.0000036
100 %		+ 50	1,882,500,057	57	0.0000030
BATT. ENDPOINT		3.45	+ 20	1,882,499,962	-38

Table 7-39. Frequency Stability Data (Band 25/2)

FCC ID: A3LSMF907B	 MEASUREMENT REPORT (CERTIFICATION) 		Approved by: Quality Manager
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Band 25/2 Frequency Stability Measurements

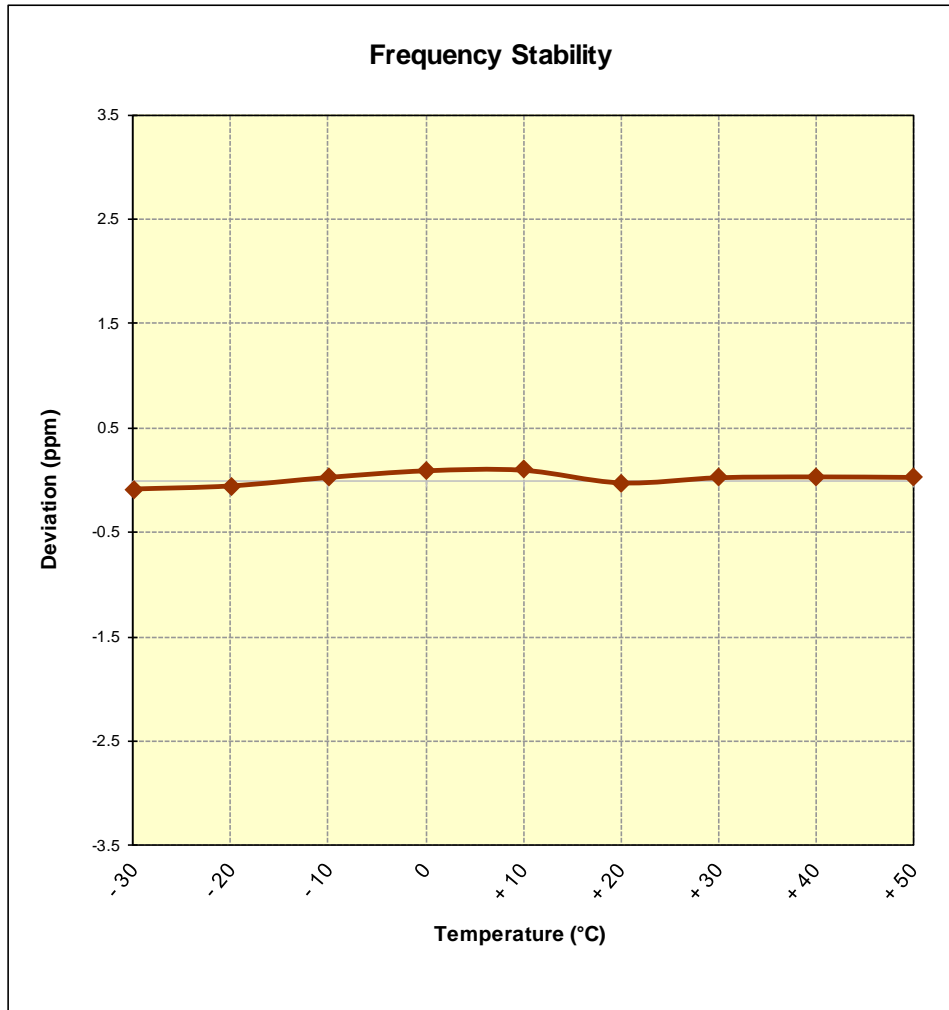


Figure 7-12. Frequency Stability Graph (Band 25/2)

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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Band 41 Frequency Stability Measurements

OPERATING FREQUENCY: 2,593,000,000 Hz
 CHANNEL: 40620
 REFERENCE VOLTAGE: 4.27 VDC

VOLTAGE (%)	POWER (VDC)	TEMP (°C)	FREQUENCY (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.27	- 30	2,593,000,166	166	0.0000064
100 %		- 20	2,593,000,280	280	0.0000108
100 %		- 10	2,592,999,853	-147	-0.0000057
100 %		0	2,593,000,123	123	0.0000047
100 %		+ 10	2,592,999,808	-192	-0.0000074
100 %		+ 20	2,593,000,020	20	0.0000008
100 %		+ 30	2,593,000,086	86	0.0000033
100 %		+ 40	2,592,999,929	-71	-0.0000027
100 %		+ 50	2,593,000,420	420	0.0000162
BATT. ENDPOINT		3.45	+ 20	2,592,999,779	-221

Table 7-40. Frequency Stability Data (Band 41)

Note:

Based on the results of the frequency stability test at the center channel the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)			Approved by: Quality Manager
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Band 41 Frequency Stability Measurements

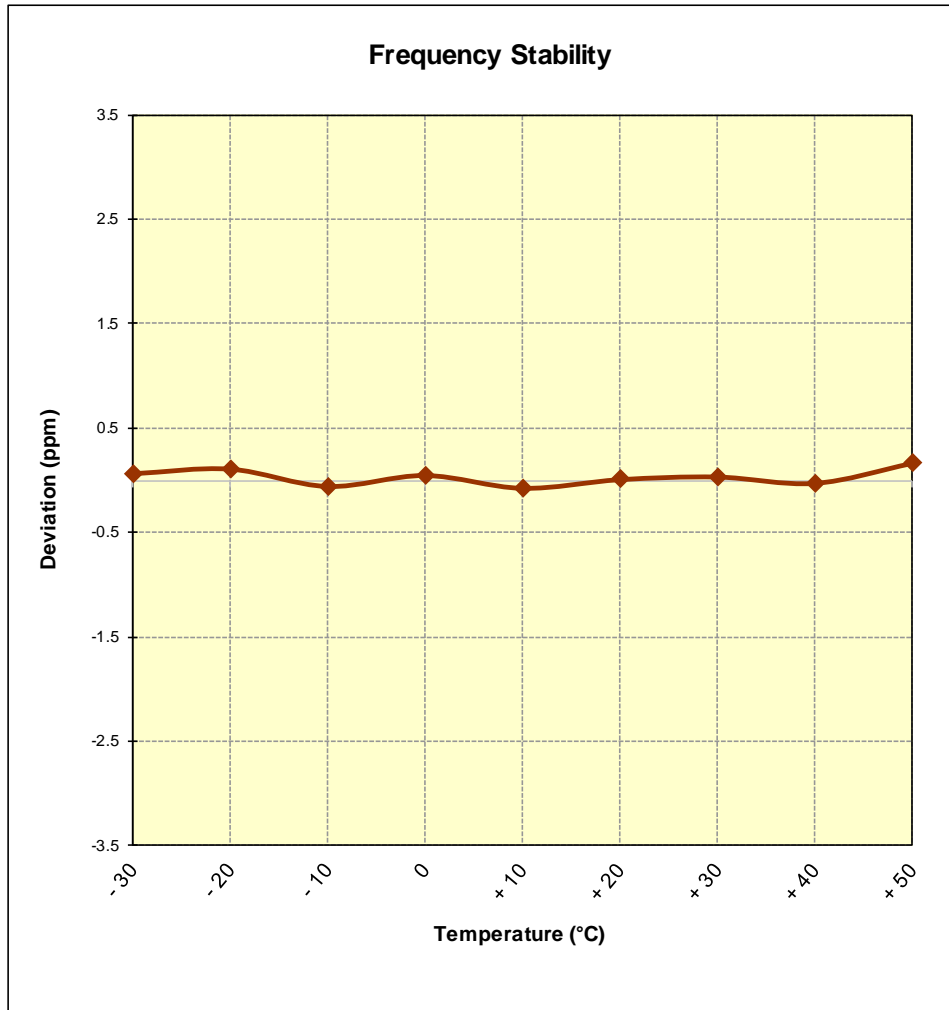


Figure 7-13. Frequency Stability Graph (Band 41)

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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: A3LSMF907B** complies with all the requirements of Part 22, 24, & 27 of the FCC Rules for LTE operation only.

FCC ID: A3LSMF907B		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
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