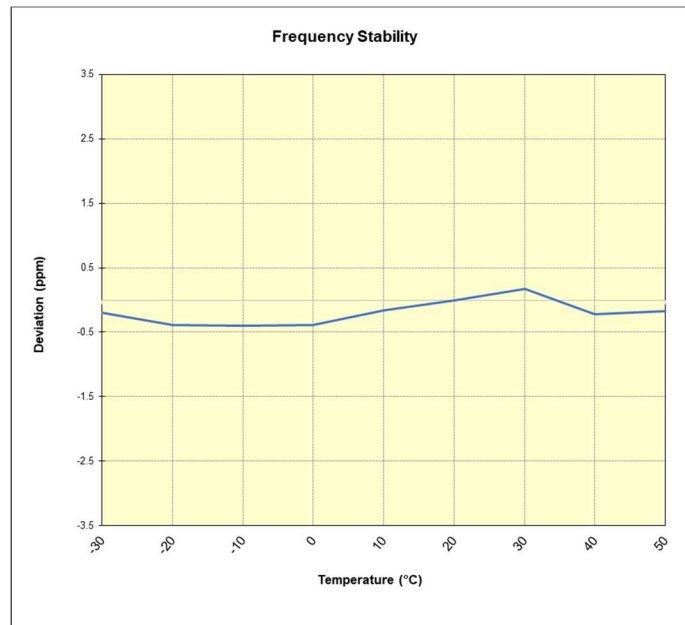


LTE Band 5					
Operating Frequency (Hz):		836,500,000			
Ref. Voltage (VDC):		4.36			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.36	- 30	836,500,009	-163	-0.0000195
		- 20	836,499,847	-325	-0.0000389
		- 10	836,499,835	-337	-0.0000403
		0	836,499,848	-324	-0.0000387
		+ 10	836,500,039	-133	-0.0000159
		+ 20 (Ref)	836,500,172	0	0.0000000
		+ 30	836,500,321	149	0.0000178
		+ 40	836,499,984	-188	-0.0000225
	+ 50	836,500,027	-145	-0.0000173	
Battery Endpoint	3.57	+ 20	836,500,126	-46	-0.0000055

Table 7-14. LTE Band 5 Frequency Stability Data

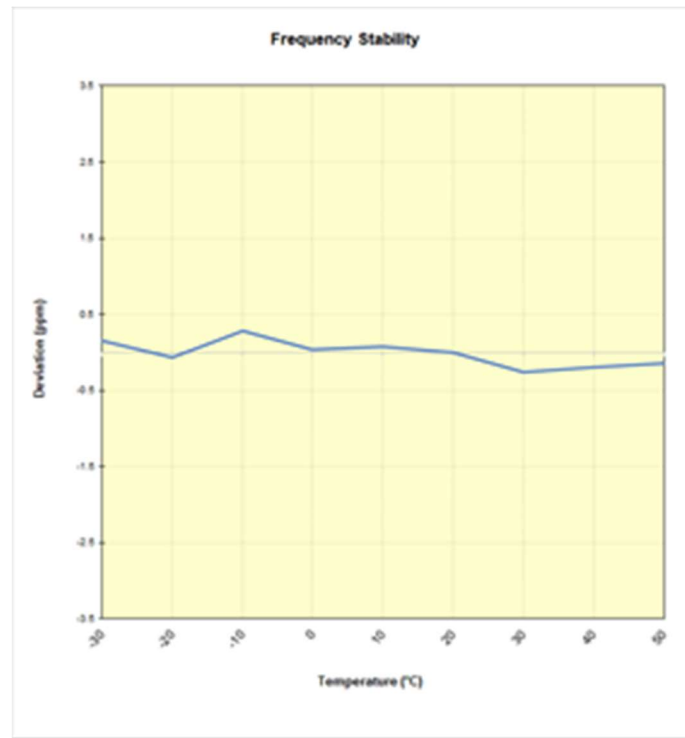


Plot 7-54. LTE Band 5 Frequency Stability Chart

FCC ID: A3LSMA127FN	PCTEST Proud to be part of element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1K210511001902-02.A3L	Test Dates: 05/13/2021 – 06/01/2021	EUT Type: Portable Handset		Page 55 of 58

GSM/GPRS Cellular					
Operating Frequency (Hz):		836,600,000			
Ref. Voltage (VDC):		4.36			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.36	- 30	836,600,140	128	0.0000153
		- 20	836,599,962	-50	-0.0000060
		- 10	836,600,248	236	0.0000282
		0	836,600,043	31	0.0000037
		+ 10	836,600,076	64	0.0000077
		+ 20 (Ref)	836,600,012	0	0.0000000
		+ 30	836,599,792	-220	-0.0000263
		+ 40	836,599,844	-168	-0.0000201
		+ 50	836,599,891	-121	-0.0000145
Battery Endpoint	3.57	+ 20	836,599,899	-113	-0.0000135

Table 7-15. GSM/GPRS Cell Frequency Stability Data

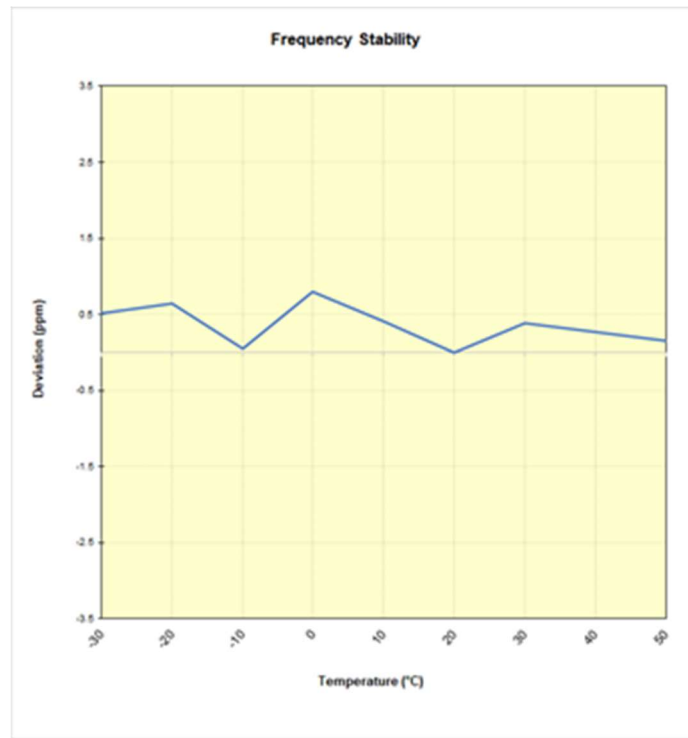


Plot 7-55. GSM/GPRS Cell Frequency Stability Chart

FCC ID: A3LSMA127FN	PCTEST Proud to be part of element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1K210511001902-02.A3L	Test Dates: 05/13/2021 – 06/01/2021	EUT Type: Portable Handset		Page 56 of 58

WCDMA Cellular					
Operating Frequency (Hz):		836,600,000			
Ref. Voltage (VDC):		4.36			
Deviation Limit:		± 0.00025% or 2.5 ppm			
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	4.36	- 30	836,600,104	435	0.0000520
		- 20	836,600,212	543	0.0000649
		- 10	836,599,712	43	0.0000051
		0	836,600,336	667	0.0000797
		+ 10	836,600,014	345	0.0000412
		+ 20 (Ref)	836,599,669	0	0.0000000
		+ 30	836,599,994	325	0.0000388
		+ 40	836,599,892	223	0.0000267
		+ 50	836,599,799	130	0.0000155
Battery Endpoint	3.57	+ 20	836,600,134	465	0.0000556

Table 7-16. WCDMA Cell Frequency Stability Data





Plot 7-56. WCDMA Cell Frequency Stability Chart

FCC ID: A3LSMA127FN	PCTEST Proud to be part of element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N: 1K210511001902-02.A3L	Test Dates: 05/13/2021 – 06/01/2021	EUT Type: Portable Handset		Page 57 of 58

8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Samsung **Portable Handset** **FCC ID: A3LSMA127FN** complies with all the requirements of Part 22 of the FCC rules.

FCC ID: A3LSMA127FN		PART 22 MEASUREMENT REPORT	 Approved by: Technical Manager
Test Report S/N: 1K210511001902-02.A3L	Test Dates: 05/13/2021 – 06/01/2021	EUT Type: Portable Handset	Page 58 of 58