

Spectrum Analyzer 1	+				
KEYSIGHT Input: RF L ↔ Coupling: DC Align: Auto M	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 30 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A WW WW W A N N N N N	Center Fre 427.0000 Span
1 Spectrum				Mkr1 822.30 MHz	794.0000
Scale/Div 10 dB		Ref Level 20.00) dBm	-46.491 dBm	Jwch
Trace 1 Pass		Ĭ			Zero
10.0					Ful
0.00					Start Freq
10.0					30.00000
-20.0					Stop Freq 824.0000
00.0					
-30.0					AUT
-40.0					CF Step
-50.0					79.40000 Auto
-60.0					Man
				and from an anticipant and a statistication of the private spin and a statistic statistic statistic statistics	Freq Offse
-70.0					0 Hz
Start 30.0 MHz #Res BW 100 kHz		#Video BW 30	0 kHz	Stop 824.0 MH: Sweep 38.1 ms (15881 pts	
	May 19, 2021 10:40:22 AM				Signal Tra (Span Zoor

Plot 7-18. Conducted Spurious Plot (LTE Band 5 - 10MHz QPSK - 1 RB - High Channel)



Plot 7-19. Conducted Spurious Plot (LTE Band 5 - 10MHz QPSK - 1 RB - High Channel)

FCC ID: A3LSMA127FN	Portest*	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 22 of 59
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Spectrum Analyzer 1	+					₽
KEYSIGHT Input: RF R L F Val PASS	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	#Atten: 30 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (Trig: Free Run	RMS123456 A WW WW W A N N N N N	Center Fred 5.5000000 Span
1 Spectrum 🔻					7.995 0 GHz	9.0000000
Scale/Div 10 dB		Ref Level 0.00	dBm		-40.860 dBm	Swept
-10.0 Trace 1 Pass						Zero S Full S
-20.0						Start Freq 1.0000000
-30.0				↓ 1		Stop Freq
-50.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~~	10.000000 AUTO
-60.0						CF Step 900.00000
-70.0						Auto Man
-80.0						Freq Offset 0 Hz
Start 1.000 GHz		#Video BW 3.0	MHz		Stop 10.000 GHz	X Axis Scal Log
	May 19, 2021 10:45:32 AM			Sweep ~16	.7 ms (18001 pts	Signal Tracl (Span Zoom)

Plot 7-20. Conducted Spurious Plot (LTE Band 5 - 10MHz QPSK - 1 RB - High Channel)

FCC ID: A3LSMA127FN	Proved to be part of @ element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 24 of 59
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GSM/GPRS Cell

Spectrum Analyzer 1	+				•
KEYSIGHT L + Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 30 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A N N N N	426.5000
1 Spectrum				Mkr1 822.95 MH	793.0000
Scale/Div 10 dB		Ref Level 20.00	dBm	-40.00 dBr	Owe
Trace 1 Pass					Zero
10.0					Ful
0.00					Start Freq
-10.0					30.00000
-20.0					Stop Freq
-20.0					823.0000
-30.0					AUT
-40.0					CF Step
-50.0					79.30000
suggiori data and marking the	i dagi berangan di terdi da mati shakarik da			ال المراجع المحافظة المحافظة المحافظة المحافظة المحافظة المحافظة المحافظة ومحاطفة المحافظة المحافظة والمحافظة ا محافظة المحافظة المحاف	Auto Man
-60.0	and a second				Freq Offse
-70.0					0 Hz
					X Axis Sc
Start 30.0 MHz #Res BW 100 kHz		#Video BW 300	kHz	Stop 823.0 MF Sweep 38.1 ms (15861 pt	Log
	May 19, 2021	\sim			
	11:55:06 AM	\mathbb{D}		🎞 👪 🖬 🔀	Signal Tra

Plot 7-21. Conducted Spurious Plot (GPRS Ch. 128)



Plot 7-22. Conducted Spurious Plot (GPRS Ch. 128)

FCC ID: A3LSMA127FN	PCTEST Proud to be part of @ element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
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Plot 7-23. Conducted Spurious Plot (GPRS Ch. 128)



Plot 7-24. Conducted Spurious Plot (GPRS Ch. 190)

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Plot 7-25. Conducted Spurious Plot (GPRS Ch. 190)



Plot 7-26. Conducted Spurious Plot (GPRS Ch. 190)

FCC ID: A3LSMA127FN	POID to be part of @ element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 07 of 59
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Plot 7-27. Conducted Spurious Plot (GPRS Ch. 251)



Plot 7-28. Conducted Spurious Plot (GPRS Ch. 251)

FCC ID: A3LSMA127FN	Poud to be part of @ element	PART 22 MEASUREMENT REPORT	Approved by: Technical Manager
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Spectrum Analyzer 1 Swept SA	+					₽
L Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	#Atten: 36 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (F Trig: Free Run	RMS <mark>1</mark> 23456 M WWWWW ANNNNN	Center Fro 5.500000 Span
1 Spectrum v				Mkr1	9.121 5 GHz	9.000000
Scale/Div 10 dB		Ref Level 30.00	dBm		-23.62 dBm	Swep
Trace 1 Pass		I I				Zero
20.0						Ful
10.0						Start Freq
0.00						1.000000
-10.0						Stop Freq
-10.0						10.00000
-20.0					\ 1	AUT
-30.0	Contraction of the second s	ليحو إحاليه العطر بالله	الماكرية والمراجع التقرير وأأور رواله			CF Step
-30.0	and the second second					900.000
						Auto Man
-50.0						Freq Offse
-60.0						0 Hz
						X Axis Sc
Start 1.000 GHz #Res BW 1.0 MHz		#Video BW 3.0	MHz		Stop 10.000 GHz 7 ms (18001 pts	Log Lin
	? May 19, 2021 12:01:19 PM					Signal Tra

Plot 7-29. Conducted Spurious Plot (GPRS Ch. 251)

FCC ID: A3LSMA127FN		PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
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WCDMA Cell

Spectrum Analyzer 1	+				Ą	Ċ.
KEYSIGHT Input: RF L Imput: RF Align: Auto	Input Z: 50 Ω Corr CCorr RCal Freq Ref: Int (S) NFE: Off	Atten: 30 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS Trig: Free Run	A WW WW W	Center Fre 426.5000 Span
1 Spectrum 🔹				Mkr1 82	2.70 MHz	793.0000
Scale/Div 10 dB		Ref Level 20.00	dBm	-35.	085 dBm	Swep Zero
10.0 Trace 1 Pass						
						Ful
0.00						tart Freq 30.00000
10.0						top Freq
20.0						823.0000
30.0						AUT
40.0						F Step
50.0						79.30000
						Auto Man
60.0	والمرجاب وحووا الأواحينك ويروا والمراحات وزو		and she in the second		F	req Offse
70.0) Hz
Start 30.0 MHz Res BW 100 kHz		#Video BW 300) kHz	Sto Sweep 38.1 m	op 823.0 MHz	Axis Sca Log Lin
- n C - I	May 19, 2021 12:23:41 PM					Signal Tra

Plot 7-30. Conducted Spurious Plot (WCDMA Ch. 4132)



Plot 7-31. Conducted Spurious Plot (WCDMA Ch. 4132)

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Plot 7-32. Conducted Spurious Plot (WCDMA Ch. 4132)



Plot 7-33. Conducted Spurious Plot (WCDMA Ch. 4183)

FCC ID: A3LSMA127FN	POID to be part of @ element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Technical Manager
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Plot 7-34. Conducted Spurious Plot (WCDMA Ch. 4183)



Plot 7-35. Conducted Spurious Plot (WCDMA Ch. 4183)

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Plot 7-36. Conducted Spurious Plot (WCDMA Ch. 4233)



Plot 7-37. Conducted Spurious Plot (WCDMA Ch. 4233)

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Plot 7-38. Conducted Spurious Plot (WCDMA Ch. 4233)

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