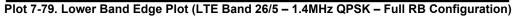


🔤 Keysight Spe	ectrum Analyz											_	
IXI	RF	50 Ω	DC	CORREC		SE	NSE:INT	#Avg Typ	ALIGN AUTO e: RMS		M Sep 16, 2020	F	requency
				PNO: W IFGain:L	ide ↔ .ow	Trig: Fre #Atten: 3				TY Di			
10 dB/div Log	Ref 25	.00 dE	3m						Mk	r1 824.0 -22.3	00 MHz 11 dBm		Auto Tune
15.0							Ĭ						Center Fred
								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m.m.	1		82	4.000000 MH:
5.00												82	Start Fred 2.000000 MH;
-5.00											DL1 -13.00 dBm	02	2.000000 1411
-15.0							↓ 1					82	Stop Free 5.000000 MH
-25.0					مسم	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				- har	min		
-35.0	m	m	~~~~	and the second								Auto	CF Stej 400.000 kH Ma
-45.0													
-55.0													Freq Offse 0 H
-65.0													Scale Typ
												Log	Scale Typ
Center 82 #Res BW				;	≠VBW	300 kHz			Sweep 2	Span 4 .000 ms (	.000 MHz 1001 pts)	Log	
ISG									STATUS	5			



	RF 50 Ω DC	CORREC	SENSE		ALIGN AUTO	01:53:51 AM Sep 16, 20 TRACE 1 2 3 4	
		PNO: Wide ↔ IFGain:Low	Trig: Free R #Atten: 36 d	un		DET A NNN	N N
0 dB/div	Ref 25.00 dBm				Mł	r1 849.000 MH -23.80 dB	iz Auto Tur m
			Ĭ				Center Fro
5.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mm				849.000000 M
00							Start Fr
00							847.000000 M
i.o						DL1 -13.00 d	Stop Fr
5.0	man			~~~~~			851.000000 M
5.0					Muga way		CF St 400,000 k
i.o						www.www.	Auto M
							Freq Offs
5.0							0
5.0							Scale Ty
enter 84 Res BW	9.000 MHz 100 kHz	#\/B)	↓		Sween	Span 4.000 MH 2.000 ms (1001 pt	
G					STATU		·/

Plot 7-80. Upper Band Edge Plot (LTE Band 26/5 – 1.4MHz QPSK – Full RB Configuration)

FCC ID: A3LSMG996U	PCTEST* Proud to be part of @ element	PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Quality Manager	
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## NR Band n5

	/sight Spect				1								d X
L <mark>XI</mark>		RF	50 Ω	DC	CORREC		NSE:INT	#Avg Typ	ALIGN AUTO	TRAC	4 Sep 23, 2020 E 1 2 3 4 5 6 E A ******	Freque	ency
PAS	iS				PNO: Fast ↔ IFGain:Low	#Atten: 3						A.,	to Tune
10 dE Log _I	3/div	Ref 2	5.00 d	Bm					M	kr1 823. -26.	95 MHz 96 dBm	Au	
LUg	Trace	1 Pass	;				Ĭ					Cent	er Free
15.0												824.000	000 MH
5.00							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m~~~~~	mm	- Marian 1			
-5.00												5ta 799.000	art Fre 000 MH
-3.00							ļ						
-15.0							-						op Fre
-25.0							1					849.000	000 MH
-35.0					~~~	man and the second	1				Maria Maria		CF Ste
-35.0				mont	wwww							5.000 <u>Auto</u>	000 MH Ma
-45.0			ا مر	J									
-55.0												Free	q Offse
	www	www											0 H
-65.0												Sca	le Тур
Cen	ter 824	.00 MI	Hz							Span 5	0.00 MHz	Log	Li
	s BW 2				#VB\	V 620 kHz			Sweep 1	.000 ms (	1001 pts)		
MSG									STATUS	6			

Plot 7-81. Lower Band Edge Plot (NR Band n5 – 20.0MHz - Full RB)



### Plot 7-82. Upper Band Edge Plot (NR Band n5 - 20.0MHz - Full RB)

FCC ID: A3LSMG996U		PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Quality Manager
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Keysight Spectru								
LXI L	RF 50 9	ΩDC	CORREC	SENSE:INT	ALIGN #Avg Type: RM	AUTO 04:11:27 PM	Sep 23, 2020	Frequency
PASS			PNO: Wide IFGain:Low	Trig: Free Run #Atten: 36 dB		TYPE DET	A WWWWW A P N N N N	
10 dB/div	Ref 25.00	dBm			ľ	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 MHz 1 dBm	Auto Tune
15.0 Trace 1	Pass							Center Freq 824.000000 MHz
-5.00				purtur	······	······		Start Freq 805.250000 MHz
-15.0				1				Stop Freq 842.750000 MHz
-35.0		, hora	m.	personand			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CF Step 3.750000 MHz <u>Auto</u> Man
-55.0								Freq Offset 0 Hz
-65.0								Scale Type
Center 824. #Res BW 16			#VBW	510 kHz	Swe	Span 37 ep 1.000 ms (1	.50 MHz 001 pts)	Log <u>Lin</u>
MSG						STATUS		

Plot 7-83. Lower Band Edge Plot (NR Band n5 – 15.0MHz - Full RB)



#### Plot 7-84. Upper Band Edge Plot (NR Band n5 – 15.0MHz - Full RB)

FCC ID: A3LSMG996U		PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dama 70 af 440	
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weysight Spectrum Analyzer - Swept SA					
<b>LX</b> L RF 50 Ω DC	CORREC	SENSE:INT	ALIGN AUTO #Avg Type: RMS	04:04:17 PM Sep 23, 2020 TRACE 1 2 3 4 5 6	Frequency
PASS	PNO: Wide	Trig: Free Run #Atten: 36 dB		TYPE A WWWW DET A P N N N N	
10 dB/div Ref 25.00 dBm			Mk	r1 823.975 MHz -27.99 dBm	Auto Tune
Trace 1 Pass					Center Freq 824.000000 MHz
-5.00			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Start Freq 811.500000 MHz
-15.0		1			<b>Stop Freq</b> 836.500000 MHz
-35.0	manna	~~~~~		mon	<b>CF Step</b> 2.500000 MHz <u>Auto</u> Man
-55.0					Freq Offset 0 Hz
-65.0					Scale Type
Center 824.00 MHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 1	Span 25.00 MHz .200 ms (1001 pts)	Log <u>Lin</u>
MSG			STATUS	3	

Plot 7-85. Lower Band Edge Plot (NR Band n5 – 10.0MHz - Full RB)



Plot 7-86. Upper Band Edge Plot (NR Band n5 – 10.0MHz - Full RB)

FCC ID: A3LSMG996U		PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Quality Manager	
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Keysight Spectrum Analyzer - Swept SA						- 6 -
<mark>X/</mark> L RF 50Ω DC	CORREC	SENSE:INT	#Avg Type: RN		Sep 23, 2020	Frequency
PASS		rig: Free Run Atten: 36 dB				Auto Tune
10 dB/div Ref 25.00 dBm				-24.	58 dBm	
Trace 1 Pass						Center Freq
15.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~		824.000000 MHz
5.00						Start Freq
-5.00		}				817.750000 MHz
-15.0		.1				Stop Freq
-25.0		•'			<u></u>	830.250000 MHz
-35.0	~~~	hore and			Low	CF Step
~~~~~~	www					1.250000 MHz <u>Auto</u> Man
-45.0 ~~~~~~						
-55.0						Freq Offset 0 Hz
						0 H2
-65.0						Scale Type
Contor 924 000 MHz				Spap 1	2.50 MHz	
Center 824.000 MHz #Res BW 100 kHz	#VBW 30	0 kHz	Swe	ep 1.000 ms (1001 pts)	
MSG				STATUS		

Plot 7-87. Lower Band Edge Plot (NR Band n5 – 5.0MHz - Full RB)

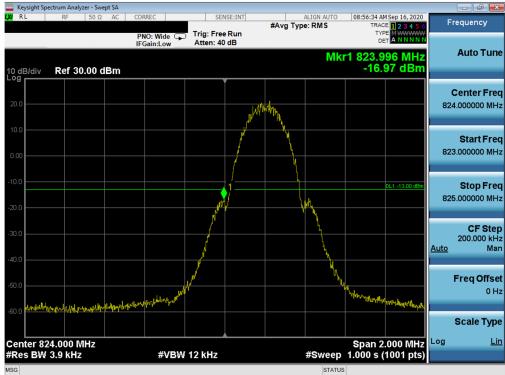


Plot 7-88. Upper Band Edge Plot (NR Band n5 – 5.0MHz - Full RB)

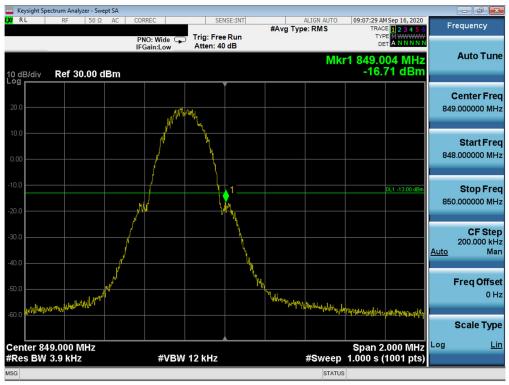
FCC ID: A3LSMG996U		PART 22 MEASUREMENT REPORT	SAMSUNG	Approved by: Quality Manager	
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GSM/GPRS Cell



Plot 7-89. Lower Band Edge Plot (GPRS Cell - Ch. 128)



Plot 7-90. Upper Band Edge Plot (GPRS Cell - Ch. 251)

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