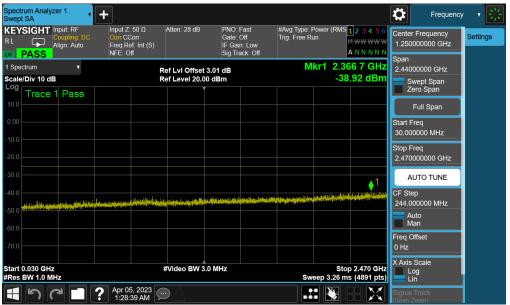


NR Band n41 PC3 – 3rd-LMHB (SRS 2T4R)



Plot 7-80. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Low Channel – 3rd-LMHB (SRS 2T4R))

Spect Swep	rum Analy. t SA	zer 1	+								\$	Frequency	- 送
RL	'Sight PASS	Input: RF Coupling: DC Align: Auto	Input Z Corr CC Freq Ri NFE: C	Corr ef: Int (S)	Atten: 28 dB	PNO: I Gate: I IF Gai Sig Tra	Off	#Avg Type: P Trig: Free Ru	n l	123456 MWWWWW ANNNNN		r Frequency 5000000 GHz	Settings
1 Spe Scale		т 3		F	Ref LvI Offset Ref Level 20.0	3.01 dB		Mkr	1 14.60	4 5 GHz .13 dBm		100000 GHz	
Log 10.0	Trace	1 Pass										tero Span Full Span	
0.00 -10.0												0000000 GHz	
-20.0											Stop F 15.00	Freq 00000000 GHz	
-30.0 -40.0	THE R. P. LEWIS			(er son till i stelle of	oo hu yaxaa dhahadaya	ill i som för statigen av		l a horris ta h horras y a litural d. Martin da martin da seria y a da martin			A CF St	AUTO TUNE	
-50.0	an an tha an the second se										A	1000000 GHz Nuto Nan	
-60.0 -70.0											Freq (0 Hz	Offset	
	2.690 GH2 BW 1.0 M				#Video BW 3	.0 MHz		Sweep		15.000 GHz (24621 pts)	L	s Scale .og .in	
	5			5, 2023 03 AM								l Track Zoom)	

Plot 7-81. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Low Channel - 3rd-LMHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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Spectrum Analyzer Swept SA	1 • +						Freque	ency 🔹 🔛
	upling: DC Co In: Auto Fr	out Z: 50 Ω orr CCorr eq Ref: Int (S) E: Off	Atten: 8 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power Trig: Free Run	(RMS <mark>1</mark> 23456 M WWWWW ANNNNN	Center Frequency 21.000000000 GF Span	
1 Spectrum	T		ef Lvl Offset 3		Mkr1 2	26.722 0 GHz -47.39 dBm	12.0000000 GHz	
Scale/Div 10 dB	Pass	к 	ef Level 0.00 d	IBM		-47.39 UBIII	Swept Span Zero Span	
-10.0							Full Span	
-20.0							Start Freq 15.000000000 G⊦	Ηz
-40.0							Stop Freq 27.000000000 G⊦	Ηz
-50.0	u jaint (ered) at his characterist			a an			AUTO TUNE	
-60.0	anterne die her en affektet seinen stellen bei						CF Step 1.200000000 GHz	z
-70.0							Auto Man	
-90.0							Freq Offset 0 Hz	
Start 15.000 GHz #Res BW 1.0 MHz			#Video BW 3.0	MHz		Stop 27.000 GHz .0 ms (24001 pts)	X Axis Scale Log Lin	
1 1		pr 05, 2023 1:29:39 AM					Signal Track (Span Zoom)	

Plot 7-82. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Low Channel – 3rd-LMHB (SRS 2T4R))



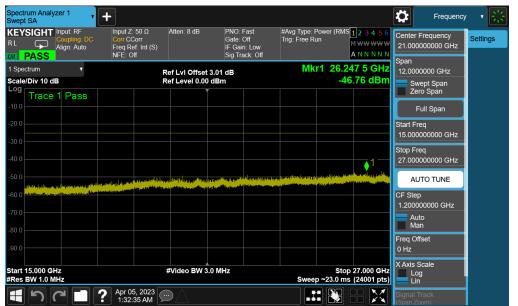
Plot 7-83. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Mid Channel - 3rd-LMHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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Plot 7-84. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Mid Channel - 3rd-LMHB (SRS 2T4R))



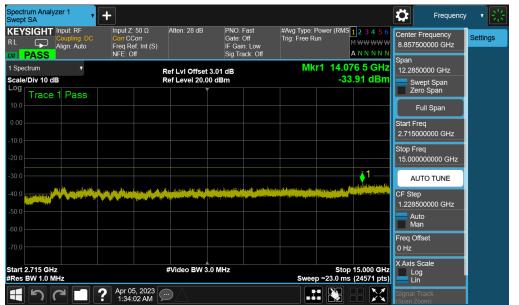
Plot 7-85. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Mid Channel – 3rd-LMHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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Plot 7-86. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - High Channel – 3rd-LMHB (SRS 2T4R))



Plot 7-87. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - High Channel - 3rd-LMHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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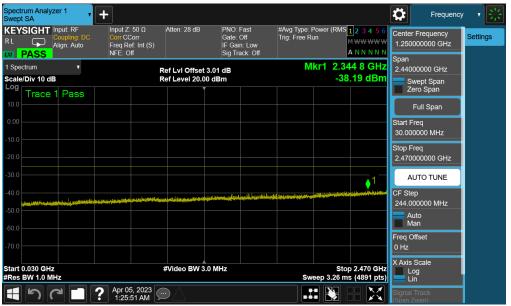


Plot 7-88. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - High Channel - 3rd-LMHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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NR Band n41 PC3 – 4th-MHB (SRS 2T4R)



Plot 7-89. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Low Channel – 4th-MHB (SRS 2T4R))

Spect Swep	rum Analyz t SA	zer 1 🔻	+									Frequency	- * ※
RL		Input: RF Coupling: DC Align: Auto	Input Z <mark>Corr</mark> CC Freq Ri NFE: C	Corr ef: Int (S)	Atten: 28 dB	PNO: Gate: IF Gai Sig Tra	Off	#Avg Type: F Trig: Free Ri	un	123456 MWWWW ANNNNN		r Frequency 000000 GHz	Settings
1 Spe		۲			Ref LvI Offset			Mk		03 5 GHz .10 dBm	12.31	00000 GHz	
Log	/Div 10 de				Ref Level 20.0	JU dBm			-54	. IV UBIII		wept Span ero Span	
10.0	11400											Full Span	
0.00											Start F		
-10.0											Stop F	000000 GHz	
-20.0												0000000 GHz	
-30.0										↓ 1	A	UTO TUNE	
-40.0	and rest of the			la propio de Propio Nacional de Carlos	an a suite a state a suite a s	ing dia pandang pana Paning panganan panganan		a gette en la gette de presidente A section de la contraction	alling ganding Inconstant	a a fair ann an an an ann an an an an an an an a	CF Ste	ep 000000 GHz	
-50.0	and and										A	uto	
-60.0											M Freq C	lan)ffset	
-70.0											0 Hz		
	2.690 GHz BW 1.0 M				#Video BW 3	.0 MHz		Swee		15.000 GHz (24621 pts)		Scale og in	
	5			5, 2023 15 AM							Signal (Span 2	Track Zoom)	

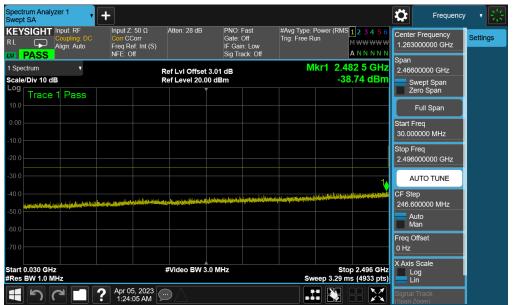
Plot 7-90. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Low Channel – 4th-MHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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Plot 7-91. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Low Channel – 4th-MHB (SRS 2T4R))



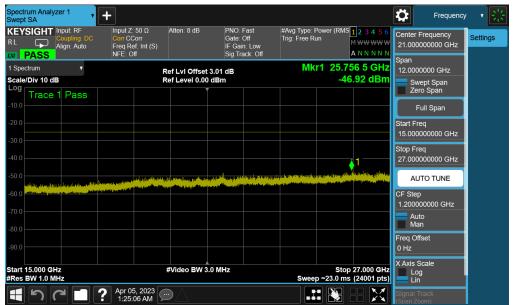
Plot 7-92. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Mid Channel – 4th-MHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT			
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Plot 7-93. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Mid Channel - 4th-MHB (SRS 2T4R))



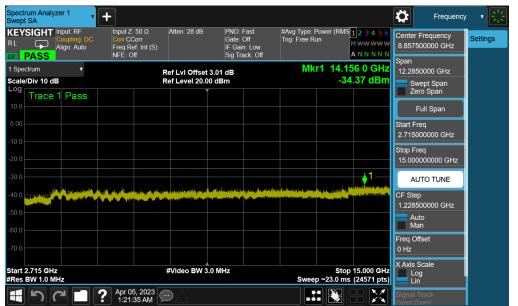
Plot 7-94. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - Mid Channel – 4th-MHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT			
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Plot 7-95. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - High Channel - 4th-MHB (SRS 2T4R))



Plot 7-96. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - High Channel – 4th-MHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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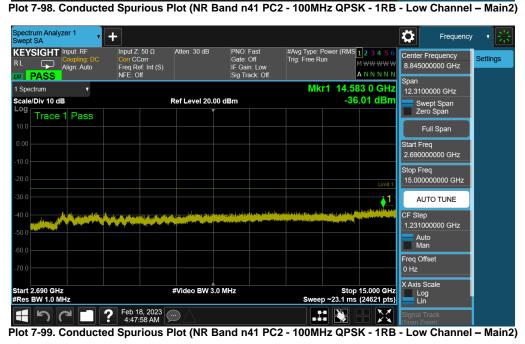
Plot 7-97. Conducted Spurious Plot (NR Band n41 PC3 - 100MHz QPSK - 1RB - High Channel - 4th-MHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager					
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NR Band n41 PC2 – Main2

EYSIGHT Input: RF - Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (Trig: Free Run	(RMS <mark>1</mark> 23456 M WWWWW ANNNNN	Center Frequency 1.250000000 GHz Span
Spectrum v sale/Div 10 dB		Ref Level 20.00	dBm	Mkr1	2.398 1 GHz -41.87 dBm	2.44000000 GHz
Trace 1 Pass						Full Span
						Start Freq 30.000000 MHz
					Limit 1	Stop Freq 2.470000000 GHz
					,1 .	AUTO TUNE CF Step
	t a stille bet, leberne biblente	line old to Live being obvious in	i de la constation de la c	dila dala di shana ang	n in the second s	244.000000 MHz Auto Man
						Freq Offset 0 Hz
art 0.030 GHz es BW 1.0 MHz		#Video BW 3.0	MHz	Sweep 3	Stop 2.470 GHz .26 ms (4891 pts)	



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Plot 7-100. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel - Main2)

Spectrum Analyzer 1 Swept SA	+					Frequency	· · · 】
KEYSIGHT Input: RF R L Coupling: DC Align: Auto VV PASS	Input Ζ: 50 Ω At Corr CCorr Freq Ref: Int (S) NFE: Off			#Avg Type: Power Trig: Free Run	(RMS <mark>1</mark> 23456 M WWWWW ANNNNN	Center Frequency 1.263000000 GHz Span	Settings
1 Spectrum 🔻				Mkr1	2.474 5 GHz	2.46600000 GHz	
Scale/Div 10 dB	Ret	f Level 20.00 dBm			-41.88 dBm	Swept Span Zero Span	
10.0						Full Span	
						Start Freq 30.000000 MHz	
-10.0					Limit 1	Stop Freq 2.496000000 GHz	
						AUTO TUNE	
		an a	وونا وأر أو بالإنجار والراد أوم	a line of the second states of the	R	CF Step 246.600000 MHz	
-50.0						Auto Man	
						Freq Offset 0 Hz	
Start 0.030 GHz #Res BW 1.0 MHz	#V	/ideo BW 3.0 MHz		Sweep 3	Stop 2.496 GHz .29 ms (4933 pts)	X Axis Scale Log Lin	
4 h C l .	? Feb 18, 2023 4:43:28 AM					Signal Track (Span Zoom)	



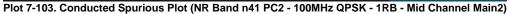
FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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Plot 7-102. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel Main2)

Spectrum Analyzer 1	+			Frequency	- * 崇
KEYSIGHT Input: RF R L Coupling: DC Align: Auto Align: Auto	Input Z: 50 Ω Atten: 10 dB Corr CCorr Freq Ref: Int (S) NFE: 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 N	21.000000000 GHz	Settings
1 Spectrum 🔻			Mkr1 26.916 5 GHz	12.0000000 GHz	
Scale/Div 10 dB	Ref Level 0.0	0 dBm	-43.03 dBm	Swept Span Zero Span	
-10.0				Full Span	
-20.0			Limit 1	Start Freq 15.000000000 GHz	
-40.0				Stop Freq 27.000000000 GHz	
-50.0	a trading and a start of the st	ghail (^{fe} rnall (<mark>brainn a la braite).</mark> Is		AUTO TUNE	
-60.0				CF Step 1.200000000 GHz	
-70.0				Auto Man	
-90.0				Freq Offset 0 Hz	
Start 15.000 GHz #Res BW 1.0 MHz	#Video BW 3	.0 MHz	Stop 27.000 GHz Sweep ~23.0 ms (24001 pts)	LUY	
	Feb 18, 2023			Signal Track (Span Zoom)	

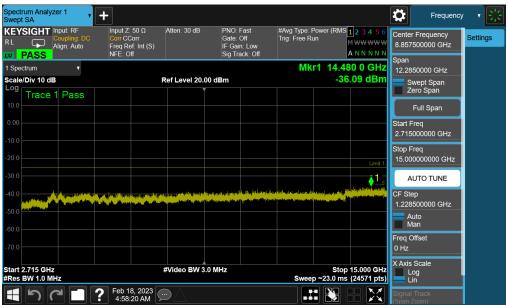


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Spectrum Analyzer 1	+			Frequency 🔹 🛃
KEYSIGHT Input: RF RL Coupling: DC Align: Auto	Input Z: 50 Ω Atten: 30 dB Corr CCorr Freq Ref: Int (S) NFE: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A N N N N N	Center Frequency 1.263000000 GHz Span
1 Spectrum v			Mkr1 2.436 0 GHz	2.46600000 GHz
Scale/Div 10 dB	Ref Level 20.00	dBm	-42.68 dBm	Swept Span Zero Span
10.0 Trace 1 Pass				Full Span
0.00				Start Freq 30.000000 MHz
			Limit 1	Stop Freq 2.496000000 GHz
				AUTO TUNE
40.0		والمتحدث والمتحدث والمتحدث والمتحدث والمتعاد	Line of the land of the second s	CF Step 246.600000 MHz
50.0 where the stand s	nen a sen ander en ander en ander panner ef delta y son i se pierra a se an ander a del			Auto Man
				Freq Offset 0 Hz
tart 0.030 GHz Res BW 1.0 MHz	#Video BW 3.0	MHz	Stop 2.496 GHz Sweep 3.29 ms (4933 pts)	X Axis Scale Log Lin
4 h C I ?	Feb 18, 2023 4:57:57 AM			Signal Track (Span Zoom)

Plot 7-104. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel Main2)



Plot 7-105. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel Main2)

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Spectrum Analyzer 1 Swept SA	+	PNO: Fast		Frequency v
R L Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Atten: 10 dB Corr CCorr Freq Ref: Int (S) NFE: Off	Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run M WW WW A N N N N	21.00000000 GHz
Spectrum v			Mkr1 26.657 5 GH	Span 12.0000000 GHz
Scale/Div 10 dB	Ref Level 0.	.00 dBm	-43.05 dBr	Swept Span
Trace 1 Pass		Ĭ		Zero Span
10.0				Full Span
20.0			Limit	Start Freq
				15.00000000 GHz
40.0				Stop Freq 27.000000000 GHz
50.0			and the state of the stable black of the	
and the color of the test of the state of the	و به المحرج و و و و و و و و و و و و و و و و و و و	ال کار او الأستان و الارالي و زور مي الاستان و ال الارالي ماريك و الارون و الارون و الارون و الارون و الارون و ال		AUTO TUNE
50.0 	a with an instantial and an			CF Step 1.200000000 GHz
				Auto
				Man
90.0				Freq Offset 0 Hz
				X Axis Scale
tart 15.000 GHz Res BW 1.0 MHz	#Video BW	3.0 MHz	Stop 27.000 GF Sweep ~23.0 ms (24001 pt	Iz Log
	7 Feb 18, 2023			
	4:58:55 AM		👪 👪 🔛 🔀	Signal Track (Span Zoom)

Plot 7-106. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel Main2)

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NR Band n41 PC2 – Sub (SRS 1T4R)

	ight Spect	rum Analyze										- 7
ASS	s	RF	50 Ω A	REC NO:Fast ↔► Gain:Low			#Avg Typ	ALIGN AUTO e: RMS	TRAC TYP	Feb 22, 2023 E 1 2 3 4 5 6 E M H H H H H H H H H H H H H H H H H H	Fre	quency
0 dB/		Ref 20.	00 dBr	Sam:Low	Atten. oo	ub		М	kr1 2.46 -38.6	05 GHz 67 dBm		Auto Tur
og -	Trace	1 Pass										enter Fre 000000 Gi
0.00												Start Fre
20.0												Stop Fr 000000 G
10.0 -	lan in the state of the	da da da da				e pilota filosofa i konstati Presenta i pilota se anterio	a sa		ting <mark>baar ka talah satu bi d</mark> i may yang satu dagi sajar satu		244.0 <u>Auto</u>	CF Ste 000000 M M
0.0 -											F	req Offs 0
70.0											S	Scale Typ
	0.030 BW 1	GHZ .0 MHZ		#VBW	3.0 MHz			Sween	Stop 2 3.260 ms (.470 0112	LUg	<u> </u>
SG				"•••	ore mine			STATU		1001 pt0/		

Plot 7-107. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel Sub (SRS 1T4R))

	Spectrum Analy											
LXU RL	RF	50 Ω	AC COI	RREC	SEI	NSE:INT SOUR	CE OFF #Avg Typ	ALIGN AUTO e: RMS		M Feb 22, 2023	Free	quency
PASS				NO:Fast ↔ Gain:Low	Trig: Free Atten: 30				TYP			
			IF	Sam:Low	Atten. ot	ub .		Mkr	1 14 97	4 0 GHz	A	Auto Tune
10 dB/div	Ref 20	0.00 dE	ßm						-34.7	83 dBm		
Log	ice 1 Pass				, ,	Í					C	enter Freg
10.0												000000 GHz
0.00												Start Freq
-10.0												000000 GHz
-10.0												
-20.0												Stop Freq
												000000 GHz
-30.0										1 I		
-40.0				de const						its in the second section		CF Step
THE REAL	and an analysis of the	a sa ka	a de la companya de Na companya de la comp	وروان بروی مطور بر وروان ، دیما را تا مید دام آم میگر	and a second	Para para para para para para para para	and a subsection of the second se Second second s	(in the set of the set			1.2310 Auto	000000 GHz Man
-50.0											1100	TT CT T
											FI	req Offset
-60.0												0 Hz
-70.0												
											S	cale Type
Start 2.0									Stop 15	.000 GHz	Log	Lin
	90 GH2 V 1.0 MH:	z		#VBW	(3.0 MHz		s	weep 24	.62 ms (2	.000 GH2 4621 pts)		
MSG								STATUS				

Plot 7-108. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel Sub (SRS 1T4R))

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RL RL	t Spectrum Analy RF	zer - swep	AC	CORREC	SE	NSE:INT SO		ALIGN AUT	08-19-09 0	M Feb 22, 2023	-	
112	14	50 32	AC				#Avg Ty		TRA	CE 1 2 3 4 5 6	Fre	quency
ASS				PNO: Fast +++ IFGain:Low	Atten: 10				D			
								M	kr1 26.05		1	Auto Tur
0 dB/div og			m						-40.6	99 dBm		
Tr	ace 1 Pass					Ĭ					C	enter Fr
0.0											21.000	000000 G
.0.0												Start Fr
30.0												000000 G
										<u>م</u> 1		
40.0												Stop Fr
								L		h autor		000000 G
50.0		L. H	alkali, INU.	e and provide a state of the st	in a second state	Malaystawy P	de la montel per e ante	and a part of the second s	and in the state of the state o	A Contraction of the		
אינאי <mark>וער.</mark> מרויי	noting ton develo		- diamatica	a service of the second second	منظم بين التي . منظم بين التي من المراجع المالية التي التي التي التي التي التي التي التي	identita, subhere da	and the state of the					CF St
											1.200 Auto	000000 G N
0.0												
											F	req Off
0.0												0
0.0												
											S	cale Ty
									0 4 07		Log	
	5.000 GHz W 1.0 MH:			#VBW	3.0 MHz			Sweep	30.40 ms (2	2.000 GHz 24001 pts)	209	
G								STA				

Plot 7-109. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel Sub (SRS 1T4R))

	pectrum Analy										
RL	RF	50 Ω	AC	CORREC	SEI	SE:INT SOUR		ALIGN AUTO		4 Feb 22, 2023	Frequency
				PNO: Fast ↔	Trig: Free	Run	#Avg Typ	e: RIVIS	TY	E 1 2 3 4 5 6 E M WWWW	
PASS				IFGain:Low	Atten: 30				Di	ANNNN	
								M	kr1 2.38	4 0 GHz	Auto T
0 dB/div	Ref 20	0 0 0 d	Bm							70 dBm	
.oa			-111		<u> </u>			1			
Ira	ce 1 Pass	s									Center F
10.0											1.263000000
10.0											1.263000000
0.00											Start F
											30.000000 1
10.0											30.0000001
20.0											Stop F
30.0											2.496000000
~										1	
											CF S
40.0				أحداده فالألفه الم		e. It to drive	la en data ca latara e	فليريد لياريد ا	le p. p. News Handwide	אין ביראות ממיקרא	246.600000
Level	allowed and the		du tan li			Contraction (19) (10)	- And the state of the	and here the second	ww.el.bolizeredul-Mainte		Auto
50.0 <mark>pinedain</mark>	iles de autoisaites de set	والالاتلاد المراجع	And and the								
											Freq Off
50.0											
											(
70.0											
											Scale T
itart 0.0	30 GHz			-					Stop 2	.496 GHz	Log
	1.0 MH	z		#VBV	V 3.0 MHz			Sweep	3.288 ms (4933 pts)	
SG								STAT	_		

Plot 7-110. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel Sub (SRS 1T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT				
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Keysight Spectrum Analyzer - Swept SA				
XIRL RF 50Ω AC	CORREC SENSE:INT S	#Avg Type: RMS	08:10:13 AM Feb 22, 2023 TRACE 1 2 3 4 5 6 TYPE M WWWWWW	Frequency
PASS	PNO: Fast Irig: Free Run IFGain:Low Atten: 30 dB	Mkı	1 14.770 0 GHz -34.332 dBm	Auto Tun
10.0 Trace 1 Pass				Center Fre 8.845000000 G⊦
-10.0				Start Fre 2.690000000 GF
30.0				Stop Fre 15.000000000 G⊦
-40.0	gan ar an	an hang si mag si fala bi di mang kang si yang basa bi si bi ya di sa si bi sa si bi ya di sa si bi na di bi s Mang sa si sa si bi na di bi si bi si bi sa si sa si sa si si sa si si sa si bi sa si bi sa si bi sa si bi sa s		CF Ste 1.231000000 GH <u>Auto</u> Ma
60.0				Freq Offs 0 H
-70.0				Scale Typ
Start 2.690 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 24	Stop 15.000 GHz .62 ms (24621 pts)	
ISG		STATU	3	

Plot 7-111. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel Sub (SRS 1T4R))



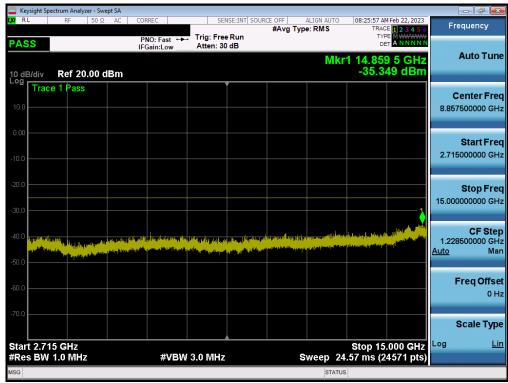
Plot 7-112. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel Sub (SRS 1T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
Test Report S/N:	Test Dates:	EUT Type:	Daga 70 of 171				
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	m Analyzer - Swept S					
XV RL	RF 50Ω A	C CORREC PNO: Fast ↔→→	SENSE:INT SO	#Avg Type: RMS	0 08:25:31 AM Feb 22, 2023 TRACE 1 2 3 4 5 6 TYPE M WWWWWW	Frequency
PASS	ef 20.00 dBr	IFGain:Low	Atten: 30 dB	1	_{Det ANNNNN} Akr1 2.357 0 GHz -39.36 dBm	Auto Tun
10.0 Trace 1	Pass					Center Fre 1.263000000 GF
0.00						Start Fre 30.000000 Mi
30.0						Stop Fre 2.496000000 Gi
40.0		ik se fasterik en bitteren er de	elig av de sil kalin eta di seli al-la sila sedan sedan Periode per gan fan anter anter anter anter anter anter	la de la constata de La constata de la cons		CF Ste 246.600000 M <u>Auto</u> M
50.0 						Freq Offs 0
70.0						Scale Typ
Start 0.030 G Res BW 1.0		#VBW	3.0 MHz	Sweep	Stop 2.496 GHz 3.288 ms (4933 pts)	
ISG				STA	TUS	

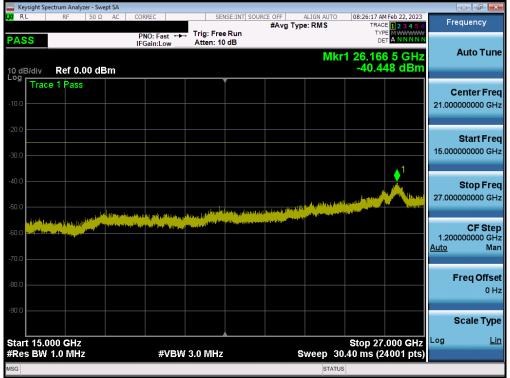
Plot 7-113. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel Sub (SRS 1T4R))



Plot 7-114. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel Sub (SRS 1T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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Plot 7-115. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel Sub (SRS 1T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT						
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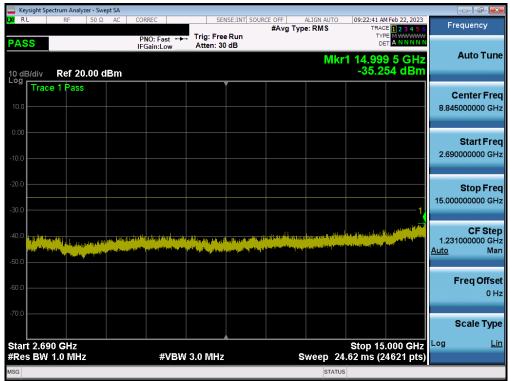
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NR Band n41 PC2 – 3rd-LMHB (SRS 1T4R)

	trum Analyzer - Sw										
RL	RF 50 Ω		RREC		ISE:INT SOUR	CE OFF	ALIGN AUTO e: RMS	TRAC	Feb 22, 2023	Frequ	uency
ASS			NO: Fast 🔸 Gain:Low	Atten: 30				DE		_	
0 dB/div	Ref 20.00 d	1Bm					Mł	(r1 2.42) -39.2	56 GHz 35 dBm	Au	uto Tur
og Trace	1 Pass									Cer	nter Fre
10.0											00000 GH
3.00										S	tart Fre
10.0										30.00	0000 MI
20.0											top Fre
0.0										2.47000	0000 GI
									4		
0.0				1	silit Leave the	معادلة وعادله الب					CF Ste
					and double and the first	Extend of the Real of the	The sector of statistics	A DESCRIPTION OF THE OWNER OF THE		<u>Auto</u>	M
.0.0										_	
0.0										Fre	e q Offs 10
											UT UT
70.0										Sc	ale Tyr
								0 4 0	170 011-	Log	L
tart 0.030 Res BW 1			#VBW	3.0 MHz			Sweep 3	Stop 2. 260 ms (470 GHz 4891 pts)	209	-
SG							STATUS				

Plot 7-116. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel 3rd-LMHB (SRS 1T4R))



Plot 7-117. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel 3rd-LMHB (SRS 1T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 81 of 171
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	ectrum Analyz											-	- 0 ×
LXI RL	RF	50 Ω	AC	CORREC		SEI	NSE:INT SC	URCE OFF	ALIGN AUT		M Feb 22, 2023	Fre	quency
D 4 0 0				PNO: F	ast ↔→	Trig: Free		#Avg iy	e. Rivis	TY	PE M WWWWW ET A N N N N N		
PASS				IFGain:	Low	Atten: 10) dB						Auto Tune
									Μ	kr1 26.20	5 5 GHz	,	auto rune
10 dB/div	Ref 0.0)0 dB	m							-40.4	79 dBm		
Trac	e 1 Pass											-	enter Freg
-10.0													000000 GHz
10.0												21.0000	00000 GH2
-20.0													
												:	Start Freq
-30.0												15.0000	000000 GHz
											. 1		
-40.0											<u> </u>		04 -
													Stop Freq
-50.0									and a burn	and a state of the second	And	27.0000	00000 GHZ
المعالقة المعال	ابر الشريا	palitical.	angerungen	a Magna Magna Da	International I	to the second second	and a state of the second s	REAL HISING COMPANY	والمعاقفات وأقدر				
-60.0		and the second second	al Marchiel March	يعنى بالقيعيقة	Contraction of the	in the second	and the					4 0000	CF Step
												1.2000 Auto	000000 GHz Man
-70.0												raro	THU.
												_	
-80.0												FI	req Offset
													0 Hz
-90.0													
												S	cale Type
04										0 4 07		Log	Lin
Start 15.0 #Res BW	100 GHZ				#VRM	3.0 MHz			ween	30.40 ms (2	.000 GHz	209	<u></u>
						5.0 191112					Hoor pts)		
MSG									STA	.105			

Plot 7-118. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel 3rd-LMHB (SRS 1T4R))

	ysight Spe		yzer - Swe	pt SA									_	
L <mark>XI</mark> R	L	RF	50 Ω	AC	CORREC			ISE:INT SOU	RCE OFF #Avg Typ	ALIGN AUTO	TRA	AM Feb 22, 2023 ACE 1 2 3 4 5 6 APE M WWWW	Fre	quency
PAS	SS				PNO: Fas IFGain:Lo		Trig: Free Atten: 30							• · · · •
10 di	B/div	Ref 2	0.00 d	Bm						N		22 0 GHz 231 dBm	,	Auto Tune
Log	Trace	1 Pas	S				,						Ce	enter Fred
													1.2630	000000 GH
														Start Fre
	<u> </u>													000000 MH
														Oton Ero
-30.0														Stop Fre
												♦ ¹		CF Ste
-40.0 -50.0	Neperturket	dalladi	adami dan				i nu li stati	dan dan talah		etinden and and and and and and and and and an			246.6 <u>Auto</u>	500000 MH Ma
													F	req Offse
														0 H
													S	cale Typ
Star	t 0.03										Ston	2.496 GHz	Log	Lii
	s BW		z		#\	/BW	3.0 MHz			Sweep		(4933 pts)		
MSG										STAT	US			

Plot 7-119. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel 3rd-LMHB (SRS 1T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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	ım Analyzer - Swept										
(X/I RL	RF 50 Ω	AC CORR	EC	SEN	ISE:INT SOUR	CE OFF AVG TVD	ALIGN AUTO e: RMS		1 Feb 22, 2023	Fre	quency
PASS			0:Fast ↔→ ain:Low	Trig: Free Atten: 30				TYP			
		IFG	am.Low	/ttell. oc			Mkr	1 14 81:	0 GHz		Auto Tune
10 dB/div	tef 20.00 dB	m						-35.4	24 dBm		
Log Trace 1	Pass			, ,						0	enter Freg
10.0											000000 GHz
0.00											04
											Start Freq
-10.0										2.000	
-20.0											
											Stop Freq
-30.0									1	10.000	0000000112
									PROPERTY OF		CF Step
-40.0	Marily Marine College College	allocate discontrations of the	الرعاظ بيعين عالاتك		and the state of the second	وراهر بطاديم _{كار} مان بعظه		ana sensa ang pangang pangang Pang pangang pan	and a second		000000 GHz
-50.0	and the second secon		and the second	المصافل والأدما أأتنا	أمار والتعنية والأنسية العري					<u>Auto</u>	Man
00.0										_	
-60.0										F	req Offset 0 Hz
											0112
-70.0											cale Type
Start 2.690 (0.0 MIL		-			000 0112	Log	Lin
#Res BW 1.0	JIMHZ		#vBW	3.0 MHz		S			4621 pts)		
MSG							STATUS				

Plot 7-120. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel 3rd-LMHB (SRS 1T4R))



Plot 7-121. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel 3rd-LMHB (SRS 1T4R))

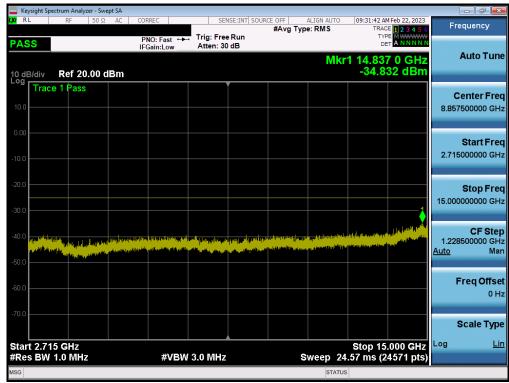
FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT	Approved by: Technical Manager
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Keysight Spectrum Analyzer - Swept SA			
LXX RL RF 50Ω AC	CORREC SENSE:INT SOUR	#Avg Type: RMS TRACE 1 2 3 4 5 6	Frequency
PASS 10 dB/div Ref 20.00 dBm	PNO: Fast ++- Trig: Free Run IFGain:Low Atten: 30 dB	Mkr1 2.462 0 GHz -39.32 dBm	Auto Tune
10.0 Trace 1 Pass			Center Freq 1.263000000 GHz
-10.0			Start Freq 30.000000 MHz
-20.0			Stop Freq 2.496000000 GHz
-40.0	a standa katan ya kata sa ta sa t		CF Step 246.600000 MHz <u>Auto</u> Man
-60.0			Freq Offset 0 Hz
Start 0.030 GHz		Stop 2.496 GHz	Scale Type
#Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 3.288 ms (4933 pts)	

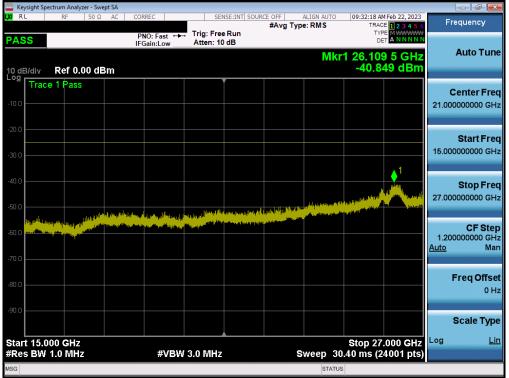
Plot 7-122. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel 3rd-LMHB (SRS 1T4R))



Plot 7-123. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel 3rd-LMHB (SRS 1T4R))

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Plot 7-124. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel 3rd-LMHB (SRS 1T4R))

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NR Band n41 PC2 – 4th-MHB (SRS 1T4R)

	ysight Spec		alyzer - Sw	ept SA										
lxi Ri	L	RF	50 Ω	AC	CORREC		SEI	NSE:INT SOU	JRCE OFF	ALIGN AUTO pe: RMS		MFeb 22, 2023	Fr	equency
PAS	S				PNO: IFGain	Fast ↔ :Low	Trig: Free Atten: 30				TYI Di			A
10 dE Log	3/div	Ref 2	20.00 (dBm						М	kr1 2.32 -38.6	2 3 GH <mark>z</mark> 53 dBm		Auto Tune
10.0	Trace	1 Pa:	SS											Center Freq 0000000 GHz
0.00 -10.0													30	Start Freq 0.000000 MHz
-20.0 -30.0													2.47	Stop Freq 0000000 GHz
-40.0 -50.0	ي دو روز او ا		a atagana da		الارونية الأوريك الإربية الأوريك	lend H Debela A. Ch.				tini il datata data			244 <u>Auto</u>	CF Step 1.000000 MHz Man
-50.0														Freq Offset 0 Hz
-70.0														Scale Type
	t 0.030 s BW 1					#VBW	3.0 MHz			Sweep	Stop 2 3.260 ms (.470 GHz 4891 pts)	Log	Lin
MSG	- 44									STATU				

Plot 7-125. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel 4th-MHB (SRS 1T4R))

	ectrum Analyze		t SA										
LXI RL	RF	50 Ω	AC	CORREC		SEI	NSE:INT SOUR		ALIGN AUT ype: RMS		31 AM Feb 22, 2023	En	equency
PASS				PNO: F	ast ⊶⊶ .ow	Trig: Free Atten: 30			Jperraite				
10 dB/div Log	Ref 20.	.00 dE	3m						Μ	kr1 14. -34	931 0 GHz 4.393 dBm		Auto Tune
10.0	e 1 Pass												enter Freq 5000000 GHz
-10.0												2.690	Start Freq
-20.0											1	15.000	Stop Freq
-40.0			enger onge	y <mark>al bis pagang Pi</mark>	ر مورد مرور و مرور در ایم مرور به مطرور	P ^{aral} Berlanda Anapa S ^{ala} n Salah Salah Salah Salah	i pose negativ su line e negativ Poset negativ su line e negativ Poset negativ su line e negativ su li	i ang ta papapa Bahilin a sa ang ak	n an hai ta	n tala da managina ya da sa	, de a la fai de la desant d'Angela. Angela de la desant de la desant Angela de la desant	1.231 <u>Auto</u>	CF Step 1000000 GHz Man
-60.0												F	F req Offse 0 Hz
-70.0													Scale Type
Start 2.69 #Res BW				;	#VBW	3.0 MHz			Sweep	Stop 24.62 m	15.000 GHz s (24621 pts)	Log	Lin
MSG									STA	TUS			

Plot 7-126. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel 4th-MHB (SRS 1T4R))

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Keysight RL	t Spectrum Analy RF	zer - Swep 50 Ω		CORREC	CEN	SE:INT SO		ALIGN AUTO	00-52-52.4	M Feb 22, 2023	-	- ¢
KL	NT	30.32	AC	CORREC			#Avg Ty		TRA	CE 123456	Fre	equency
PASS				PNO: Fast +++ IFGain:Low	Trig: Free Atten: 10							
0 dB/div	v Ref0.	00 dB	m					M	kr1 26.24 -40.2	0 5 GHz 15 dBm		Auto Tur
.og Tr	ace 1 Pass	;									-	optor Er
10.0												enter Fre
											21.000	
20.0												
												Start Fr 000000 G
30.0											15.000	000000 G
40.0										$ \phi^1$		
40.0												Stop Fr
50.0					Mar al M		the sum of the sta	a stategisting of			27.000	000000 GI
10	الى يەتقەرلەتتىر بەتقارىغا	Internet and	en geneletten	participation and the second second	an Lagar Pillonna	angan sana sangar Angan bina sangar	en al faithe ann an the state of the state o	المحملية والكري	and lines			
60.0 	and the second secon	. Jan Barrey									1.200	CF St 000000 G
											<u>Auto</u>	м
70.0												
80.0											F	req Offs
00.0												0
90.0												
											S	Scale Ty
Start 1	5.000 GHz								Stop 27	.000 GHz	Log	L
	W 1.0 MH			#VBW	3.0 MHz			Sweep	30.40 ms (2	24001 pts)		
SG								STA				

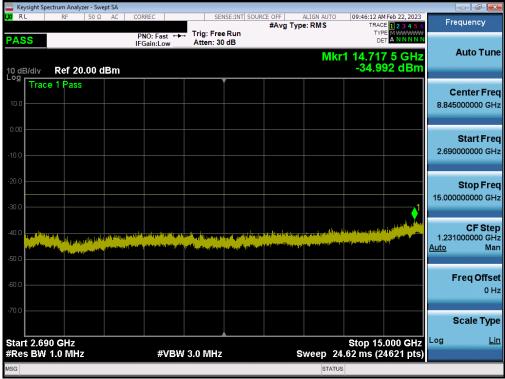
Plot 7-127. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Low Channel 4th-MHB (SRS 1T4R))

	sight Spectre												
<mark>X/</mark> RL		RF	50 Ω	AC	CORREC			ISE:INT SOU	RCE OFF	ALIGN AUTO e: RMS	TRA	M Feb 22, 2023	Frequency
PAS					PNO: Fa IFGain:Lo		Trig: Free Atten: 30			N	□ Ikr1 2.47		Auto Tu
10 dBi Log 🗖		Ref 20	.00 d	Bm							-38.9	57 dBm	
10.0	Trace ⁻	l Pass											Center Fr 1.263000000 G
0.00													Start Fr 30.000000 M
20.0 -													Stop Fr 2.496000000 G
40.0	and the sector	D. Avelijski) I V M M M	n hi inda	المراجعة المراجع (مراجع) مراجع المراجع (مراجع)					, highlicher h	n an		CF Sto 246.600000 M <u>Auto</u> M
50.0 <mark>-</mark> 50.0 -	i ni a ring ange	it is a property of the little											Freq Offs 0
70.0													Scale Ty
	0.030 BW 1.				#	VBW	3.0 MHz			Sweep	Stop 2 3.288 ms	2.496 GHz (4933 pts)	
ISG										STAT	US		

Plot 7-128. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel 4th-MHB (SRS 1T4R))

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Plot 7-129. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel 4th-MHB (SRS 1T4R))



Plot 7-130. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - Mid Channel 4th-MHB (SRS 1T4R))

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🤤 Keysight Spectrum Analyzer - Swept SA 👘			
KL RF 50Ω AC	CORREC SENSE:INT SOUR		IFeb 22, 2023 Frequency I 2 3 4 5 6 Frequency
PASS	PNO: Fast +++ Trig: Free Run IFGain:Low Atten: 30 dB		
		Mkr1 2.184	5 GHz Auto Tune
10 dB/div Ref 20.00 dBm		-39.97	74 dBm
Trace 1 Pass			Center Freq
10.0			1.263000000 GHz
0.00			
0.00			Start Freq
-10.0			30.000000 MHz
-20.0			
-20.0			2.496000000 GHz
-30.0			2.498000000 GH2
		↓ 1	CF Step
-40.0		ing allow provide the depict of hear to be and the second second second second second second second second second	246 600000 MHz
-50.0 -South and the second process of the second s			Auto
			Freq Offset
-60.0			0 Hz
-70.0			
			Scale Type
Start 0.030 GHz		Stop 2.	496 GHz Log Lin
#Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 3.288 ms (4	4933 pts)
MSG		STATUS	

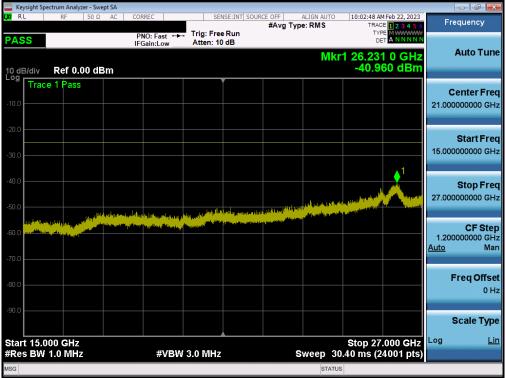
Plot 7-131. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel 4th-MHB (SRS 1T4R))



Plot 7-132. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel 4th-MHB (SRS 1T4R))

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Plot 7-133. Conducted Spurious Plot (NR Band n41 PC2 - 100MHz QPSK - 1RB - High Channel 4th-MHB (SRS 1T4R))

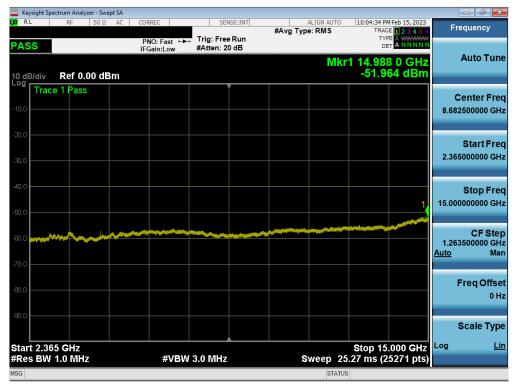
FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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LTE Band 30 – Sub

	ectrum Analyz		t SA										
L <mark>XI</mark> RL	RF	50 Ω	AC	CORREC		SEN	SE:INT	#Avg Typ	ALIGN AUTO		M Feb 15, 2023	F	requency
PASS				PNO: F IFGain:	ast ⊶⊶ Low	Trig: Free Atten: 30				TY			
10 dB/div Log	Ref 20	.00 di	Зm						N	1kr1 2.22 -48.5	1 0 GHz 10 dBm		Auto Tune
10.0 Trac	e 1 Pass												Center Freq 9000000 GHz
-10.0												31	Start Freq 0.000000 MHz
-20.0												2.28	Stop Freq 8000000 GHz
-40.0											1	22: <u>Auto</u>	CF Step 5.800000 MHz Man
-60.0	randere for a sub-state	lange over starter		Anadys States	QUELININ II I		ingayaya ^{n k} i ^{sal} iyadi						Freq Offset 0 Hz
-70.0													Scale Type
Start 0.03 #Res BW	0 GHz 1.0 MHz				#VBW	3.0 MHz			Sweep	Stop 2 3.011 ms (.288 GHz (4517 pts)	Log	<u>Lin</u>
MSG									STAT				

Plot 7-134. Conducted Spurious Plot (LTE Band 30 - 10MHz QPSK - 1RB - Sub)



Plot 7-135. Conducted Spurious Plot (LTE Band 30 - 10MHz QPSK - 1RB - Sub)

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	ctrum Analyzer - Swept					
LXIRL	RF 50 Ω	AC CORREC	SENSE:INT	ALIGN AUTO #Avg Type: RMS	10:04:53 PM Feb 15, 2023 TRACE 1 2 3 4 5 6	Frequency
PASS		PNO: Fast ↔	Trig: Free Run Atten: 10 dB	• ,,	DET A NNNN	
1400		IFGain:Low	Attent To dB	MI		Auto Tune
10 dB/div	Ref 0.00 dBn	0		IVIN	r1 25.798 5 GHz -51.850 dBm	
1 00	e 1 Pass		T			
Taci	e i Fass					Center Freq
-10.0						21.00000000 GHz
-20.0						Start Freq
-30.0						15.000000000 GHz
-30.0						
-40.0						04
					4	Stop Freq 27.00000000 GHz
-50.0					∳'	27.00000000 GH2
-60.0		An and the second s				CF Step 1.20000000 GHz
						<u>Auto</u> Man
-70.0						
						Freq Offset
-80.0						0 Hz
-90.0						
-30.0						Scale Type
Start 15.0		#\(D\)	2.0.844-	Cure and C	Stop 27.000 GHz	Log <u>Lin</u>
#Res BW	1.0 MH2	#vBw	3.0 MHz		0.40 ms (24001 pts)	
MSG				STATU	15	

Plot 7-136. Conducted Spurious Plot (LTE Band 30 - 10MHz QPSK - 1RB - Sub)

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7.5 Band Edge Emissions at Antenna Terminal

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst-case configuration. All modes of operation were investigated, and the worst-case configuration results are reported in this section.

The minimum permissible attenuation level for Band 30 is > $43 + 10 \log 10$ (P[Watts] at 2300-2305MHz & 2345-2360MHz, > $55 + 10 \log 10$ (P[Watts]) at 2320-2324MHz & 2341-2345MHz, > $61 + 10 \log 10$ (P[Watts]) at 2324-2328MHz & 2337-2341MHz, > $67 + 10 \log 10$ (P[Watts]) at 2288-2292MHz & 2328-2337MHz, and > $70 + 10 \log 10$ (P[Watts]) at frequencies < 2288MHz & >2365MHz.

The minimum permissible attenuation level for Band 41 is as noted in the Test Notes on the following page.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.3

Test Settings

- 1. Start and stop frequency were set such that the band edge would be placed in the center of the plot.
- 2. Span was set large enough so as to capture all out of band emissions near the band edge.
- 3. RBW > 1% of the emission bandwidth
- 4. VBW \geq 3 x RBW
- 5. Detector = RMS
- 6. Number of sweep points $\geq 2 \times \text{Span/RBW}$
- 7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
- 8. Sweep time = auto couple
- 9. The trace was allowed to stabilize.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-4. Test Instrument & Measurement Setup

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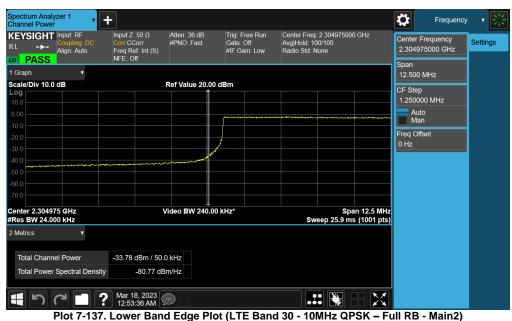
Test Notes

- 1. Per 27.53(a)(5) in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305, 2310, 2315, 2320, 2345, 2350, 2355, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
- 2. Per 27.53(m) for operations in the BRS/EBS bands, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz.
- 3. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g., CP-OFDM and DFT-s-OFDM) were investigated to determine the worst-case configuration. All modes of operation were investigated, and the worst-case configuration results are reported in this section.
- In this section, the UL-MIMO NR band n41 (Main2+Sub) and SRS 2T4R NR band n41 (3rd-LMHB+4th-MHB) plots have a 3dB correction applied to the individual plots to address the MIMO requirements in ANSI C63.26.

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LTE Band 30 – Main2







Plot 7-138. Extended Lower Band Edge Plot (LTE Band 30 - 10MHz QPSK - Full RB - Main2)

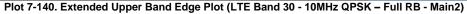
FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT		
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Plot 7-139. Upper Band Edge Plot (LTE Band 30 - 10MHz QPSK - Full RB - Main2)

	+					Frequency	· · · 未
KEYSIGHT Input: RF R L Imput: RF Outpling: DC Align: Auto Imput: RF Imput: RF Imput: RF Imput: RF R L Imput: RF Imput: RF <	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	#Atten: 26 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Powe Trig: Free Run	er (RMS <mark>1</mark> 23456 A WWWWW ANNNNN	Center Frequency 2.336000000 GHz Span	Settings
1 Spectrum				Mkr1 2	2.328 054 GHz	58.000000 MHz	
Scale/Div 10 dB		Ref Level 20.00	dBm		-38.047 dBm	Swept Span Zero Span	
10.0						Full Span	
0.00						Start Freq 2.307000000 GHz	
-10.0						Stop Freq 2.365000000 GHz	
-30.0						AUTO TUNE	
		\leftarrow				CF Step 5.800000 MHz	
						Auto Man	
						Freq Offset 0 Hz	
Center 2.33600 GHz		#Video BW 3.0 I	MHz		Span 58.00 MHz	X Axis Scale Log	
#Res BW 1.0 MHz	N	~ ^			o 100 ms (1001 pts)	Lin	
	Mar 18, 2023 2:48:14 AM	$\Box \triangle$				Signal Track (Span Zoom)	



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Spectrum Analyze Channel Power	er 1	F						\$	Frequency	/ 「噐
	nput: RF Coupling: DC Jign: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	Atten: 36 dB #PNO: Fast	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: : Avg Hold:>10 Radio Std: No	0/100	GHz	Center Fr 2.30497	requency 5000 GHz	Settings
	-	NFE: Off						Span		1
1 Graph Scale/Div 10.0 d	B		Ref Value 30.00	dBm				12.500 N	ЛНz	
Log								CF Step		
20.0								1.25000		
10.0								Man		
-10.0								Freq Offs	et	1
-20.0						{		0 Hz		
-30.0							<u></u>			
-40.0	······						and the second s			
-50.0										
Center 2.304975 #Res BW 24.000		v	ideo BW 240.00	J KHZ*	Swe		n 12.5 MHz (1001 pts)			
2 Metrics	¥									
Total Channel	Power	-27.18 dBm / 50.0	kHz							
Total Power S	pectral Density	-74.17 dBr	n/Hz							
			-							
エ う (" [] ?	Mar 18, 2023 1:03:19 AM								

Plot 7-141. Lower Band Edge Plot (LTE Band 30 - 5MHz QPSK - Full RB - Main2)

Spectrum Analyz Channel Power	er 1	+					Frequency	[崇
	nput: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 26 dB #PNO: Fast	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq Avg Hold: 10 Radio Std: N		Center Frequency 2.303500000 GHz Span	Settings
1 Graph	•						2.0000 MHz	
Scale/Div 10.0 d	в		Ref Value -10.00	dBm			CF Step	
-20.0							200.000 kHz	
-30.0				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Auto Man	
-50.0							Freq Offset 0 Hz	
Center 2.303500 #Res BW 24.000		١	/ideo BW 240.00	0 kHz*	Sw	Span 2 MH weep 4.20 ms (1001 pts		
2 Metrics	•					`.	2	
Total Channel	Power	-24.16 dBm / 1.00	MHz					
Total Power S	pectral Density	-84.16 dB	m/Hz					
		Mar 18, 2023 1:06:35 AM			ļ			

Plot 7-142. Extended Lower Band Edge Plot Integration at 2303.5MHz (LTE Band 30 - 5MHz QPSK - Full RB - Main2)

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT			
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Plot 7-143. Extended Lower Band Edge Plot Integration Below 2303MHz (LTE Band 30 - 5MHz QPSK - Full RB - Main2)

Spectrum Analyzer 1 Channel Power	F					Frequency	[崇
KEYSIGHT Input: RF RL ↔ Coupling: DC Align: Auto Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 36 dB #PNO: Fast	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 2.3150 Avg Hold: 100/100 Radio Std: None	025000 GHz	Center Frequency 2.315025000 GHz	Settings
1 Graph v						Span 12.500 MHz	
Scale/Div 10.0 dB		Ref Value 20.00	dBm			CF Step 1.250000 MHz Auto Man	
-10.0 -20.0 -30.0						Freq Offset 0 Hz	
-40.0 -50.0 -60.0 -60.0 -60.0				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
-70.0 Center 2.315025 GHz #Res BW 24.000 kHz	v	ideo BW 240.00	kHz*	Sweep 25	Span 12.5 MHz 5.9 ms (1001 pts)		
2 Metrics V							
Total Channel Power Total Power Spectral Density	-27.51 dBm / 50.0 -74.50 dBr						
	1:07:12 AM						

Plot 7-144. Upper Band Edge Plot (LTE Band 30 - 5MHz QPSK - Full RB - Main2)

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Plot 7-145. Extended Upper Band Edge Plot (LTE Band 30 - 5MHz QPSK - Full RB - Main2)

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LTE Band 41(PC3) – Main2

	RF 5	Spurious Em 0 Ω AC	issions CORREC IFGain:Lo	Trig:	SENSE:INT SOURCE r Freq: 2.50600000 External1 n: 26 dB		06:34:12 A Radio Std Radio Dev		-	uency
10 dB/div Log	Ref 40).00 dBr								
30.0 20.0										nter Free 100000 GH
10.0						viti fatta anna a ta afa an	and an			
-20.0								March I.I. J		
-40.0	and the second second	***	ĸ ⊷ŧ ϧϟ _ϒ Ͱͻ·Ϟͷϸϼϯͷ					^{n, nor} mfalfalstift.		
Start 2.4	71 GHz						Stop 2	2.521 GHz		CF Ste
Spur Ra	inge Start F	req S	top Freq	RBW	Frequency	Amplitude	∆ Limit		<u>Auto</u>	Ma
1	2.4710		4905 GHz		2.489427500 GH		-9.561 dE			
2 2	2.4905	GHz 2.	4950 GHz	1.000 MHz	2.494880000 GH	z -29.86 dBm	-16.86 dE	3	Ere	eq Offs
3 3	2.4950	GHz 2.	4960 GHz		2.495005000 GH		-18.45 dE			01
4 4	2.4960	GHz 2.	5210 GHz	430.0 kHz	2.512958333 GF	z 6.196 dBm	-18.80 dE	3		UF
· · · ·										

Plot 7-146. Lower ACP Plot (LTE Band 41(PC3) - 20MHz QPSK - Full RB - Main2)



Plot 7-147. Upper ACP Plot (LTE Band 41(PC3) - 20MHz QPSK - Full RB - Main2)

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a RL	ectrum Analyzer - Spu RF 50 Ω		ons CORREC		SENSE:INT SOU		ALIGN AUTO	06:42:55 4	M Feb 17, 2023		7 X
KL		AC C	URREC		r Freq: 2.5035 Free Run			Radio Std		Frequen	су
PASS	Gate: LO	, in the second s	FGain:Lo		n: 26 dB			Radio Dev	vice: BTS		
10 dB/div	Ref 40.0	0 dBm									
_og											
30.0										Center	Fre
20.0										2.50350000	0 GH
10.0											
n nn					phoneset	and makering	the state of the s	with the second second			
10.0											
20.0											
30.0				ور بنار الرابية .							
40.0	,,	- I www.	weeks in the	A CONTRACTOR OF A CONTRACT	- <u>1</u> -						
so o ward	high and the second second				· .				a survey of		
00.0											
Start 2.4	77 GHz							Stop 2	2.515 GHz	CE.	Ste
										1.25000	
			_								
Spur Ra	nge Start Fred	Stop	o Frea	RBW	Frequency	A	mplitude			<u>Auto</u>	Ma
Spur Ra 1 1	nge Start Fred		p Freq 05 GHz	RBW 1.000 MHz	Frequency 2.490279167		mplitude 4.73 dBm	∆ Limit -9.726 dE	3	<u>Auto</u>	Ma
		z 2.490		1.000 MHz		7 GHz -34	4.73 dBm				Ma
1 1	2.4773 GH	z 2.490 z 2.495	05 GHz	1.000 MHz 1.000 MHz	2.49027916	7 GHz -34) GHz -3(4.73 dBm 0.81 dBm	-9.726 dE	3	Auto Freq C	

Plot 7-148. Lower ACP Plot (LTE Band 41(PC3) - 15MHz QPSK - Full RB - Main2)



Plot 7-149. Upper ACP Plot (LTE Band 41(PC3) - 15MHz QPSK - Full RB - Main2)

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PASS	C.+	F 50 Ω e: LO		Gain:Lov	Trig:	SENSE:INT SOUR r Freq: 2.50100 Free Run n: 26 dB		ALIGN AUTO	06:55:12 / Radio Std Radio Dev		Freque	ency
10 dB/c	div	Ref 40.00	dBm									
20.0											Cent 2.501000	e r Fre 000 GH
10.0						Ale and a state of the state of	yennet frankrigene	yeliyaryotanaana	han an han air an a' far a' far a' far a' far a' far a' far a			
-10.0	eri-antidat erati	فيتنبع والمتح أوليا والمساور	a hilder and a start of the sta							****		
50.0	2.484 0								Stop 2	2.509 GHz		CF Ste 000 M⊦
Spur	Range	Start Freg	Stop	Freg	RBW	Frequency	Am	olitude	∆ Limit		Auto	Ma
1		2.4835 GHz				2.489636667			-4.918 dt	3		
2		2.4905 GHz				2.494970000			-14.64 dl	3	Ero	offs
3	3	2.4950 GHz	2.4960) GHz	200.0 kHz	2.495753333	GHz -29.6	i0 dBm	-16.60 dt	3	Free	•
4	4	2.4960 GHz	2.508	5 GHz	200.0 kHz	2.502979167	GHz 6.95	9 dBm	-18.04 df	3		0 H

Plot 7-150. Lower ACP Plot (LTE Band 41(PC3) - 10MHz QPSK - Full RB - Main2)



Plot 7-151. Upper ACP Plot (LTE Band 41(PC3) - 10MHz QPSK – Full RB - Main2)

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D dB/div 10 dB/div 20.0 10.0 0.0	Gate: LO	IFGain:Lo		Free Run n: 26 dB		Radio Device: BTS	
20.0 10.0	Ref 40.00 (dBm					
20.0 10.0	Ref 40.00 (dBm					
20.0 10.0							
20.0							
10.0							Center Fre
							2.498500000 GH
0.00							
				Harrydrian	Added to the second		
10.0							
20.0							
30.0				P TO P	Will		
-40.0	شوي المراجع ال	and a state plant of the state		sille and a second s		White the state of	1
50.0 					[']	"International States	7
Start 2.48	85 GHz					Stop 2.508 GH	Z CF Ste
							1.250000 MH
Spur Rar	nge Start Freq	Stop Freq	RBW	Frequency	Amplitude	∆ Limit	Auto Ma
1 1	2.4845 GHz	2.4905 GHz	1.000 MHz	2.490370000 GH		-11.61 dB	
2 2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.493582500 GH	z -30.63 dBm	-17.63 dB	Freq Offs
3 3	2.4950 GHz	2.4960 GHz		2.495935000 GH		-15.92 dB	01
4 4	2.4960 GHz	2.5075 GHz	110 0 kHz	2.497552500 GH	7 048 dBm	-17.95 dB	UF

Plot 7-152. Lower ACP Plot (LTE Band 41(PC3) - 5MHz QPSK - Full RB - Main2)

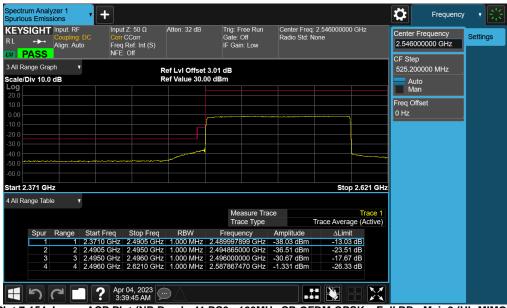




FCC ID: PY7-84558E		Approved by: Technical Manager		
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NR Band n41 PC3 – Main2 (UL-MIMO)



Plot 7-154. Lower ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - Main2 (UL-MIMO))

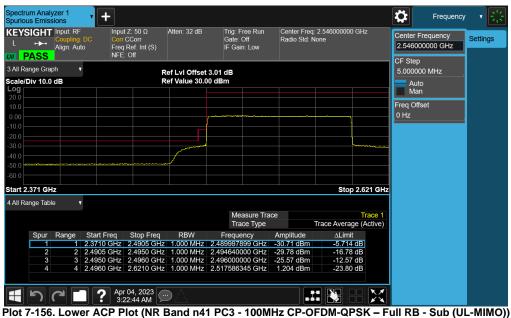


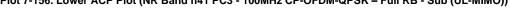
Plot 7-155. Upper ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - Main2 (UL-MIMO))

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NR Band n41 PC3 – Sub (UL-MIMO)





EYSIGHT			CCorr Ref: Int (S)	Atten: 32 dB	Trig: F Gate: (IF Gair		Center Freq Radio Std: N	1: 2.640000000 (None	GHz		Frequency Frequency 000000 GHz	Settings
All Range Grap	ph 🔻		R	ef LvI Offset	3.01 dB					5.0000	00 MHz	
cale/Div 10.0	dB		R	ef Value 30.0	0 dBm					Au	to	
.og										Ma	an	
20.0										Freq Of	ffset	
				· · · · · · · · · · · · · · · · · · ·						0 Hz		
				Ì								
20.0	1											
30.0 40.0												
50.0												
60.0												
tart 2.565 GH	z							Stop	2.815 GHz			
All Range Tabl	e v											
					Mea	asure Trac	æ		Trace 1			
					Tra	се Туре		Trace Average	e (Active)			
Spur	Range	Start Freq	Stop Freq	RBW	Freque	ncy	Amplitude	∆Limit				
1				1.000 MHz			1.485 dBm	-23.51 c				
2				1.000 MHz				-17.02 (
3				1.000 MHz				-19.80 (
4				1.000 MHz				-17.65 (
5	5	2.7900 GHz	2.8150 GHz	1.000 MHz	2.7957500	00 GHz	-48.10 dBm	-23.10 0	iB			
ר ב	2		04, 2023 1:18 AM						X			

Plot 7-157. Upper ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

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