

	Input: RF Coupling: D(Align: Auto		Corr ef: Int (S)	Atten: 32 dB	Gate:	ree Run Off n: Low	Center Freq Radio Std: N	: 2.541000000 None) GHz	Center Fre		Settings
ll Range Grap				ef Lvl Offset ef Value 30.0						CF Step 5.000000	MHz	
le/Div 10.0	38		ĸ	er value 30.0	U aBM					Auto Man		
.0										Freq Offs 0 Hz	et	
.0												
.0												
.0 rt 2.396 GHz								Stor	2.596 GHz			
ll Range Table								0101				
						asure Trac ice Type		Trace Averag	Trace 1 ge (Active)			
Spur 1		Start Freq .3960 GHz 2	Stop Freq 4905 GHz	RBW 1 000 MHz	Freque		Amplitude	∆Limit -4.300				
2 3 4	2 2 3 2	.4905 GHz 2 .4950 GHz 2 .4960 GHz 2	2.4950 GHz 2.4960 GHz	1.000 MHz 910.0 kHz	2.4935150 2.4960000	000 GHz 000 GHz	-28.27 dBm	-15.27 -13.08 -23.79	dB dB			
4	4 2	4300 GHZ 2		1.000 MINZ	2.3190100		1.2 10 UDIII	-23.19	ub			

Plot 7-158. Lower ACP Plot (NR Band n41 PC3 - 90MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

Spectru Spuriou			• +									Frequency	· • ※
RL	+	Input: RF Coupling Align: Au	DC Con to Free	ut Z: 50 Ω r CCorr q Ref: Int (S) E: Off	Atten: 32 dB	Trig: F Gate: IF Gai		Center Freq: Radio Std: N	2.64501000 Ione) GHz		Frequency 10000 GHz	Settings
3 All Rai	nge Gra			R	ef Lvl Offset ef Value 30.0						CF Step 5.0000	00 MHz	
Log											Ma		
20.0 10.0 0.00				***	·····						Freq Of 0 Hz	fset	
-10.0													
-20.0													
-30.0													
-40.0													
-50.0													
-60.0													
Start 2.	578 GH	z							Sto	o 2.803 GHz			
4 All Rai	nge Tabl	e v	7										
							asure Tra ce Type		Trace Avera	Trace 1 ge (Active)			
	Spur	Range	Start Freq	Stop Freq	RBW	Freque		Amplitude	∆Limi				
	1	1		2.6900 GHz				1.890 dBm	-23.11				
	2 3	2		2.6910 GHz 2.6950 GHz		2.690000		-26.60 dBm -28.21 dBm	-16.60				
	4	4		2.6950 GHZ 2.7800 GHZ				-28.73 dBm	-16.2				
	5			2.8025 GHz				-48.04 dBm	-23.04				
	5	2	? Ap	r 04, 2023 18:59 AM									

Plot 7-159. Upper ACP Plot (NR Band n41 PC3 - 90MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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PASS	Input: RF Coupling: Align: Auto	DC Corr	Z: 50 Ω CCorr Ref: Int (S) Off	Atten: 32 dB	Gate:	Free Run Off in: Low	Center Freq Radio Std: N	: 2.535990000 None	GHz	Center Fre 2.5359900		Settings
Il Range Grap				ef LvI Offset						CF Step 5.000000	MHz	
g										Man		
.0										Freq Offse 0 Hz	t	
									L			
.0 0.												
.0 rt 2.396 GH	7							Stor	2.596 GHz			
ll Range Tabl												
						asure Trac ace Type		Trace Averag	Trace 1 ge (Active)			
Spur	Range	Start Freq	Stop Freq	RBW	Frequ		Amplitude	∆Limit				
1		2.3960 GHz					-29.51 dBm	-4.513				
2		2.4905 GHz 2.4950 GHz					-28.51 dBm -28.89 dBm	-15.51 -15.89				
4		2.4950 GHz 2.4960 GHz					1.770 dBm	-23.23				

Plot 7-160. Lower ACP Plot (NR Band n41 PC3 - 80MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

Spectru Spuriou			• +								\$	Frequenc	/ - 器
RL	ight ↔ Ass	Input: RF Coupling: Align: Au	DC Cor to Free	ut Z: 50 Ω r CCorr q Ref: Int (S) Ξ: Off	Atten: 32 dB	Ga	g: Free Run te: Off Gain: Low	Center Freq Radio Std: N	: 2.650020000 None) GHz		Frequency 20000 GHz	Settings
3 All Ra	nge Gra			R	ef Lvl Offset						CF Step 5.0000		
Scale/E	0iv 10.0	dB		R	ef Value 30.0	0 dBm					Aut Ma		
20.0 10.0 0.00					·						Freq Off 0 Hz	iset	
-10.0													
-30.0	~~~~												
-40.0 -50.0													
-60.0 Start 2.	500 01									2.790 GHz			
4 All Ra			,						310	2.790 GHZ			
							Measure Tra Trace Type		Trace Avera	Trace 1 ge (Active)			
	Spur	Range	Start Freq	Stop Freq	RBW		quency	Amplitude	∆Limi				
	1			2.6900 GHz 2.6910 GHz				2.210 dBm -26.76 dBm	-22.79				
	3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.6910	00000 GHz	-28.11 dBm	-18.11	dB			
	4 5	4 5		2.7700 GHz 2.7900 GHz				-29.57 dBm -47.80 dBm	-16.57 -22.80				
	5	C		or 04, 2023 17:27 AM									

Plot 7-161. Upper ACP Plot (NR Band n41 PC3 - 80MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
Test Report S/N:	Test Dates:	EUT Type:	Daga 107 of 171				
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EYSIGHT Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 32 dB	Trig: Free Run Gate: Off IF Gain: Low	Center Freq Radio Std: N	2.526000000 GH; Ione	z	Center Frequency 2.526000000 GHz	Settings
Il Range Graph		ef Lvl Offset 3 ef Value 30.00					CF Step 5.000000 MHz	
9							Man	
		Γ					Freq Offset 0 Hz	
0.0								
						_		
rt 2.421 GHz					Stop 2.5	71 GHz		
II Range Table 🔹 🔻								
			Measure Tra	ce	Π	race 1		
			Trace Type		Trace Average (A	Active)		
	t Freq Stop Freq	RBW	Frequency	Amplitude	∆Limit			
	10 GHz 2.4905 GHz 05 GHz 2.4950 GHz			-38.11 dBm	-13.11 dB -22.99 dB			
	50 GHz 2.4960 GHz			-36.17 dBm	-23.17 dB			
4 4 2.49	60 GHz 2.5710 GHz	1.000 MHz	2.546625000 GHz	3.991 dBm	-21.01 dB			
	🧿 Apr 04, 2023 🖳							

Plot 7-162. Lower ACP Plot (NR Band n41 PC3 - 60MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

Spectru Spuriou	s Emis	sions	• +								\$	Frequenc	y ∙ ∰
L	IGHT →→ ASS	Input: RF Coupling: Align: Aut	DC Cor to Fre	ut Z: 50 Ω r CCorr q Ref: Int (S) Ξ: Off	Atten: 32 dB	Ga	g: Free Run te: Off Gain: Low	Center Freq Radio Std: N	: 2.660010000 None	GHz	2.66001	requency 0000 GHz	Settings
3 All Rar		ph 🔻	,	R	ef Lvl Offset	3.01 dE					CF Step 5.00000		
Scale/D	iv 10.0	dB			ef Value 30.0						Aut	D	'
20.0											Mai	ו	
10.0					·						Freq Off 0 Hz	set	1
-10.00		ļ			l						0112		
-20.0													
-30.0		[
-40.0 ==							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~						
Start 2.	615 GH	z							Stop	2.765 GHz			
4 All Rar									onap				
4 Ali Kai	iye labi	e 1					Measure Tra						
							Measure Tra Trace Type		Trace Averag	Trace 1 e (Active)			
	Spur	Range	Start Freq	Stop Freq	RBW	Fre	quency	Amplitude	∆Limit				
	1			2.6900 GHz				3.467 dBm	-21.53				
	2			2.6910 GHz				-24.72 dBm	-14.72				
	3			2.6950 GHz				-33.71 dBm	-23.71				
	4	4		2.7500 GHz 2.7650 GHz				-35.95 dBm	-22.95 -18.62				
	э	э	2.7500 GHZ	2.7650 GHZ	1.000 MHZ	2.7515	50000 GHZ	-43.62 dBm	-18.62	ав			
	5	C		or 04, 2023 15:18 AM				l l					

Plot 7-163. Upper ACP Plot (NR Band n41 PC3 - 60MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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	ut: RF upling: DC gn: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Off		ten: 32 dB	Trig: F Gate: I IF Gai		Center Freq Radio Std: N	: 2.52102000 Ione) GHz	Center Fre 2.521020	· ·	Settings
II Range Graph ale/Div 10.0 dB	v			LvI Offset Value 30.00						CF Step 5.000000	MHz	
g										Man		
								•		Freq Offse 0 Hz	t	
.0												
.0												
.0												
rt 2.434 GHz								Sto	o 2.559 GHz			
II Range Table	•											
						asure Trac ce Type		Trace Avera	Trace 1 ge (Active)			
Spur Ra		Freq Stop		RBW .000 MHz	Freque		Amplitude -38.74 dBm	∆Limi -13.74				
2	2 2.490	5 GHz 2.4950) GHz 1.	.000 MHz	2.4950000	00 GHz	-34.35 dBm	-21.35	5 dB			
3 4		60 GHz 2.4960 60 GHz 2.5585					-34.96 dBm 1.588 dBm	-21.96 -23.41				

Plot 7-164. Lower ACP Plot (NR Band n41 PC3 - 50MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

Spectru Spuriou	s Emis	sions	• +	•									Frequency	- * 影
RL	IGHT ↔ ASS	Input: RF Coupling Align: Au		Corr C	Corr Ref: Int (S)	Atten: 32 dB	Gate	Free Run : Off ain: Low	Center Free Radio Std:	;: 2.66502000 None	0 GHz		Frequency 20000 GHz	Settings
3 All Ra			,			ef Lvl Offset							p 00 MHz	
Scale/D	oiv 10.0	dB			R	ef Value 30.0	0 dBm					Au Ma		
20.0 - 10.0 - 0.00 -												Freq Ot 0 Hz	ffset	
-10.0 -20.0 -30.0														
-40.0								~						
-60.0														
Start 2. 4 All Rai										Sto	p 2.753 GHz			
4 Ali Kai	iye tabi	ie '						easure Tra ace Type	се	Trace Avera	Trace 1 ige (Active)			
	Spur	Range	Start Fr		Stop Freq	RBW	Frequ		Amplitude	∆Lim				
	1	1			2.6900 GHz 2.6910 GHz			0991 GHz	1.274 dBm -31.37 dBm	-23.7				
	3	3				1.000 MHz		0000 GHz	-33.03 dBm	-21.3				
	4	4	2.6950	GHz 2	2.7400 GHz	1.000 MHz	2.69500	0000 GHz	-35.74 dBm	-22.7	4 dB			
	5	5	2.7400	GHz 1	2.7525 GHz	1.000 MHz	2.74000	0000 GHz	-44.75 dBm	-19.7	5 dB			
	5	2]?		04, 2023 3:11 AM									

Plot 7-165. Upper ACP Plot (NR Band n41 PC3 - 50MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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YSIGHT Input: RF Coupling: DC Align: Auto PASS Input: RF	Input Z: 50 Ω Atten: 3 Corr CCorr Freq Ref: Int (S) NFE: Off	2 dB Trig: Free Run Gate: Off IF Gain: Low	Center Freq: 2.51601000 Radio Std: None	00 GHz	Center Frequency 2.516010000 GHz CF Step	Settings
I Range Graph ▼ Ile/Div 10.0 dB		Dffset 3.01 dB e 30.00 dBm			5.000000 MHz	
g					Man	
0					Freq Offset 0 Hz	
0						
0				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
0						
rt 2.446 GHz			Sto	p 2.546 GHz		
I Range Table 🔹 🔻						
		Measure Tra	æ	Trace 1		
		Тгасе Туре	Trace Avera	age (Active)		
	rt Freq Stop Freq RB		Amplitude Δ Lim			
	60 GHz 2.4905 GHz 1.000			9 dB		
	05 GHz 2.4950 GHz 1.000 50 GHz 2.4960 GHz 430.0		-34.56 dBm -21.5 -34.57 dBm -21.5			
	60 GHz 2.5460 GHz 430.0		1.931 dBm -23.0			

Plot 7-166. Lower ACP Plot (NR Band n41 PC3 - 40MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

Spectru Spuriou			+									Frequency	- ※
	+	Input: RF Coupling Align: Au	DC Cor to Free	ut Ζ: 50 Ω r CCorr q Ref: Int (S) Ξ: Off	Atten: 32 dB	Gate:	ree Run Off in: Low	Center Freq Radio Std: N	2.670000000 Ione) GHz		Frequency 000000 GHz	Settings
3 All Rai	nge Gra	ph v	,	R	ef Lvl Offset	3.01 dB						р)00 MHz	
Scale/D	iv 10.0	dB			ef Value 30.0						Au	ito	
20.0											Ma	an	
10.0											Freq O 0 Hz	ffset	
-10.0													
-20.0													
-30.0		مرر			- t	V							
-40.0													
-60.0													
Start 2.	640 GH	z							Stop	2.740 GHz			
4 All Rai	nge Tabl	e '	1										
							asure Tra			Trace 1			
							се Туре		Trace Avera				
	Spur	Range	Start Freq	Stop Freq	RBW	Frequ		Amplitude	∆Limi				
	1	1		2.6900 GHz 2.6910 GHz				1.935 dBm -31.95 dBm	-23.07 -21.95				
	2	2		2.6910 GHz				-31.95 dBm -32.96 dBm	-21.95				
	4	4		2.7300 GHz				-35.66 dBm	-22.66				
	5	5		2.7400 GHz					-19.22				
	5	C		r 04, 2023 10:24 AM				l l					

Plot 7-167. Upper ACP Plot (NR Band n41 PC3 - 40MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT				
Test Report S/N:	Test Dates:	EUT Type:	Dogo 110 of 171			
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EYSIGHT Input: RF L →→ Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 32 dB	Trig: Free Run Gate: Off IF Gain: Low	Center Freq: Radio Std: N	2.505990000 Ione	GHz	Center Frequency 2.505990000 GHz CF Step	Settings
All Range Graph v cale/Div 10.0 dB		ef LvI Offset 3.0 ef Value 30.00 o					5.000000 MHz	
0.0			4	~~~~~~			Man Freq Offset 0 Hz	
0.0								
0.0								
art 2.471 GHz					Stop	2.521 GHz		
All Range Table V			Measure Trac Trace Type		Trace Averaç	Trace 1 e (Active)		
Spur Range Start	Freq Stop Freq 0 GHz 2.4905 GHz	RBW 1 000 MHz 2	Frequency 490500000 GHz	Amplitude -37.22 dBm	∆Limit -12.22			
2 2 2.490 3 3 2.495	5 GHz 2.4950 GHz 5 GHz 2.4950 GHz 0 GHz 2.4960 GHz 0 GHz 2.5210 GHz	1.000 MHz 2. 240.0 kHz 2.	494685000 GHz 495990000 GHz		-18.60 -18.75 -22.44	dB dB		
	Apr 04, 2023							

Plot 7-168. Lower ACP Plot (NR Band n41 PC3 - 20MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

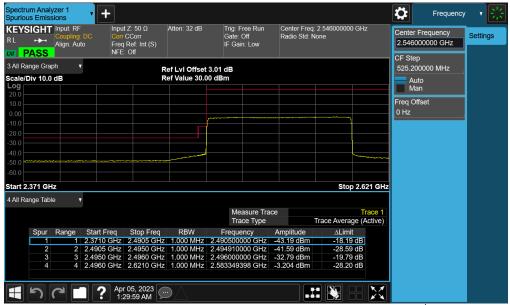
Spectrum Ana Spurious Emis	sions	• +								‡	Frequency	- *
	Coupling Align: Au	DC Corr to Free	t Z: 50 Ω : CCorr I Ref: Int (S) :: Off	Atten: 32 dB	Gat	: Free Run e: Off Sain: Low	Center Freq Radio Std: N	: 2.680020000 Ione	GHz		equency 0000 GHz	Settings
3 All Range Gra				ef Lvl Offset						CF Step 5.000000) MHz	
Scale/Div 10.	0 dB		R	ef Value 33.0	1 dBm					Auto Man		
13.0 3.01										Freq Offs 0 Hz	ət	
-6.99												
-27.0 -37.0	and a			Ę								
-47.0												
Start 2.665 G 4 All Range Tat								Stop	2.715 GHz			
4 All Range Tai						leasure Tra race Type		Trace Averag	Trace 1 ge (Active)			
Spur		Start Freq	Stop Freq	RBW		uency	Amplitude	∆Limit				
1			2.6900 GHz 2.6910 GHz				2.464 dBm -30.10 dBm	-22.54 -20.10				
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.69120	0000 GHz	-29.67 dBm	-19.67	dB			
4			2.7100 GHz 2.7150 GHz				-34.30 dBm -41.27 dBm	-21.30 -16.27				
د ا	2		r 04, 2023 00:23 AM									

Plot 7-169. Upper ACP Plot (NR Band n41 PC3 - 20MHz CP-OFDM-QPSK - Full RB - Sub (UL-MIMO))

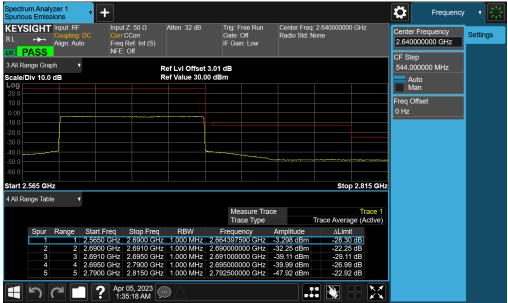
FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT				
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NR Band n41 PC3 – 3rd-LMHB (SRS 2T4R)



Plot 7-170. Lower ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - 3rd-LMHB (SRS 2T4R))

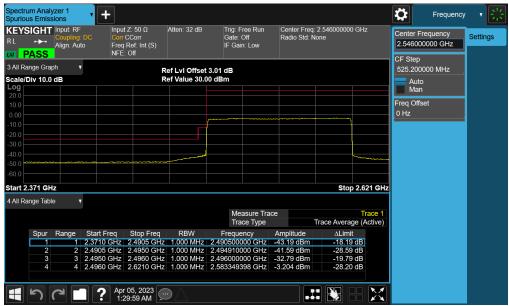


Plot 7-171. Upper ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - 3rd-LMHB (SRS 2T4R))

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



Plot 7-172. Lower ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - 4th-MHB (SRS 2T4R))

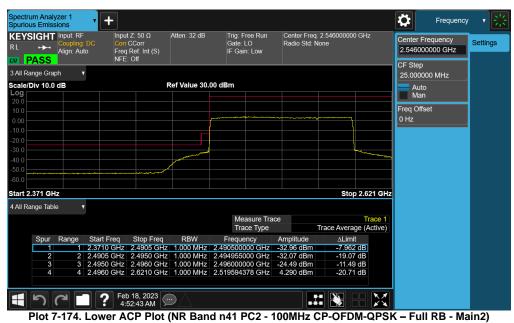


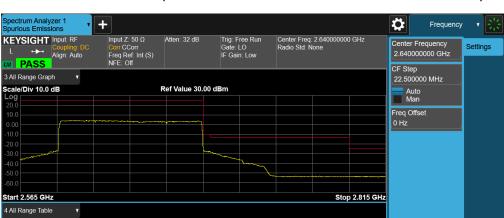
Plot 7-173. Upper ACP Plot (NR Band n41 PC3 - 100MHz CP-OFDM-QPSK - Full RB - 4th-MHB (SRS 2T4R))

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT			
Test Report S/N:	Test Dates:	EUT Type:	Page 113 of 171		
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NR Band n41 PC2 – Main2





Measure Trace Trace Average (Active) Trace Type
 e
 Start Freq
 Stop Freq
 RBW
 Frequency

 1
 2.5650 GHz
 2.6900 GHz
 1.000 MHz
 2.610180723 GHz

 2
 2.6900 GHz
 2.6910 GHz
 1.000 MHz
 2.69000000 GHz

 3
 2.6910 GHz
 2.6950 GHz
 2.6950 GHz
 2.6950 GHz
 2.6950 GHz

 4
 2.6550 GHz
 2.7950 GHz
 1.000 MHz
 2.69500000 GHz

 5
 2.7900 GHz
 2.8150 GHz
 1.000 MHz
 2.79500000 GHz
 Range Amplitude Al imit Spur 4.480 dBm -23.75 dBm -20.52 dB -13.75 dB 2345 -17.30 dB -15.26 dB -28.38 dB -27.30 dBm -28.26 dBm -53.38 dBm \blacksquare \sim Plot 7-175. Upper ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK - Full RB - Main2)

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT				
Test Report S/N:	Test Dates:	EUT Type:	Dege 114 of 171			
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Spectrum Analyzer 1 Spurious Emissions KEYSIGHT Input: RF RL \leftrightarrow Align: Auto WW PASS	HINDUT Z: 50 Ω A Corr CCorr Freq Ref: Int (S) NFE: Off	tten: 32 dB	Trig: Free Run Gate: LO IF Gain: Low	Center Freq: Radio Std: N	2.541000000 GHz one	Frequency Center Frequency 2.541000000 GHz	Settings
3 All Range Graph 🔹 🔹		f Value 30.00 d	dBm			CF Step 22.500000 MHz	
20.0 10.0 0.00						Man Freq Offset 0 Hz	
10.0 -20.0 -30.0							
-40.0							
Start 2.396 GHz					Stop 2.596 GH;	z	
4 All Range Table V			Measure Trac Trace Type		Trace 1 Trace Average (Active)		
Spur Range Start	Freq Stop Freq 0 GHz 2.4905 GHz	RBW	Frequency	Amplitude -33.28 dBm	∆Limit -8.278 dB		
2 2 2.490 3 3 2.495	0 GHz 2.4903 GHz 5 GHz 2.4950 GHz 0 GHz 2.4960 GHz 0 GHz 2.5960 GHz	1.000 MHz 2.4 910.0 kHz 2.4	494820000 GHz 496000000 GHz		-18.21 dB -12.82 dB -20.44 dB		
4 500	Feb 18, 2023 5:14:00 AM						

Plot 7-176. Lower ACP Plot (NR Band n41 PC2 - 90MHz CP-OFDM-QPSK - Full RB - Main2)

Spectrum Analy: Spurious Emissi	zer 1 ions	• +									Frequency	· 米
	Input: RF Coupling: Align: Auto		CCorr Ref: Int (S)			Free Run e: LO ain: Low	Center Freq: Radio Std: N	2.645010000 one	GHz		Frequency 10000 GHz	Settings
3 All Range Grap	h ▼	NFE								CF Step 22.5000	000 MHz	
cale/Div 10.0 (Log	dB		5	tef Value 30.0	00 dBm					Aut Mai		
10.0 0.00	·			·						Freq Off 0 Hz	set	
30.0						~~~~~	~					
60.0												
All Range Table								Stop	2.803 GHz			
						leasure Tra race Type		Trace Averag	Trace 1 e (Active)			
Spur	Range	Start Freq	Stop Freq 2.6900 GHz	RBW		Jency	Amplitude 4.889 dBm	∆Limit -20.11				
2			2.6900 GHZ 2.6910 GHz				-24.26 dBm	-20.11				
3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.69188	0000 GHz	-26.31 dBm	-16.31	dB			
4			2.7800 GHz 2.8025 GHz				-27.85 dBm -53.32 dBm	-14.85 -28.32				
1			b 18, 2023 20:31 AM									

Plot 7-177. Upper ACP Plot (NR Band n41 PC2 - 90MHz CP-OFDM-QPSK - Full RB - Main2)

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YSIGHT Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Off	Atten: 32 dB	Trig: Free Run Gate: LO IF Gain: Low	Center Freq: Radio Std: N	2.535990000 GHz one	2	Center Fr 2.535990		Settings
PASS	1. 2. 2.	Ref Value 30.0	0 dBm				CF Step 20.00000	00 MHz	
g							Man		
0		r					Freq Offs 0 Hz	et	
.0						~~~~			
	/								
.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								
rt 2.396 GHz					Stop 2.5	96 GHz			
ll Range Table 🔹 🔻									
			Measure Trac	æ	т	ace 1			
			Trace Type		Frace Average (A	(ctive			
	t Freq Stop Freq	RBW	Frequency	Amplitude	∆Limit				
	60 GHz 2.4905 GHz 05 GHz 2.4950 GHz			-31.30 dBm	-6.297 dB -16.71 dB				
	50 GHz 2.4950 GHz			-30.98 dBm	-17.98 dB				
	60 GHz 2.5960 GHz			4.559 dBm	-20.44 dB				
	7 Feb 18, 2023 🗸	~ ^							

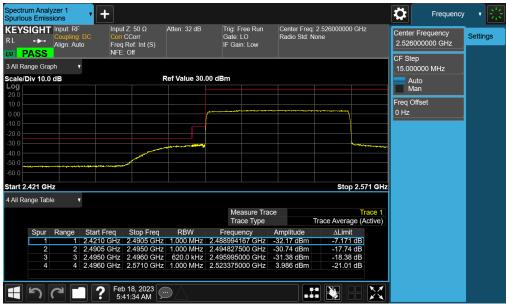
Plot 7-178. Lower ACP Plot (NR Band n41 PC2 - 80MHz CP-OFDM-QPSK - Full RB - Main2)

Spectrur Spurious			• +								\$	Frequency	一、祭
RL	↔	Input: RF Coupling: Align: Au	DC Cor to Free	ut Z: 50 Ω r CCorr q Ref: Int (S) Ξ: Off	Atten: 32 dB	Gate	Free Run : LO ain: Low		Center Freq: 2.650020000 GHz Radio Std: None			requency 20000 GHz	Settings
3 All Rar	ASS ige Gra	ph v									CF Step 20.0000	000 MHz	
Scale/D	iv 10.0	dB		F	Ref Value 30.	00 dBm					Aut Mar		
20.0 10.0 0.00											Freq Off 0 Hz	set	
-10.0 -20.0													
-30.0 -40.0	~~~~~							-					
-50.0 -60.0													
Start 2.5 4 All Rar									Stop	2.790 GHz			
							easure Tra ace Type		Trace Average	Trace 1 e (Active)			
	Spur 1	Range	Start Freq	Stop Freq 2.6900 GHz	RBW		Jency	Amplitude 5.110 dBm	∆Limit -19.89 o				
	2	3	2.6900 GHz 2.6910 GHz	2.6910 GHz 2.6950 GHz	1.000 MHz 1.000 MHz	2.69000 2.69104	0000 GHz 0000 GHz	-25.24 dBm -25.98 dBm	-15.24 (-15.98 (iB iB			
	4 5	4 5		2.7700 GHz 2.7900 GHz				-26.71 dBm -53.21 dBm	-13.71 c -28.21 c				
	り	C		b 18, 2023 :32:04 AM									

Plot 7-179. Upper ACP Plot (NR Band n41 PC2 - 80MHz CP-OFDM-QPSK - Full RB - Main2)

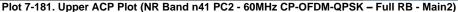
FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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Plot 7-180. Lower ACP Plot (NR Band n41 PC2 - 60MHz CP-OFDM-QPSK - Full RB - Main2)





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Spectrum Analyzer 1 Spurious Emissions KEYSIGHT RL + Couplin Align: A	g: DC Corr	CCorr Ref: Int (S)	Atten: 32 dB	Trig: F Gate: IF Gai		Center Freq Radio Std: N	: 2.521020000 Ione) GHz		Frequency requency 20000 GHz	Settings
3 All Range Graph Scale/Div 10.0 dB	T		Ref Value 30.0	0 dBm					Aut	000 MHz	
20.0 10.0 0.00				yan Balana Sura Sura Sura Sura Sura Sura Sura Sur					Mar Freq Off 0 Hz		
-10.0								and and a second			
-40.0 -50.0 -60.0		**************************************									
Start 2.434 GHz 4 All Range Table	•						Stop	2.559 GHz			
					asure Trac ce Type		Trace Avera	Trace 1 ge (Active)			
Spur Range		Stop Freq	RBW	Freque		Amplitude	∆Limit				
2	2.4335 GHz 2 2.4905 GHz		1.000 MHz 1.000 MHz			-28.42 dBm -27.43 dBm	-3.418				_
3 3	2.4950 GHz 2.4960 GHz	2.4960 GHz	560.0 kHz	2.4950200	000 GHz	-31.11 dBm 2.711 dBm	-18.11 -22.29	dB			
4 n C	? Fet 6:	o 18, 2023 01:23 AM	\Box								

Plot 7-182. Lower ACP Plot (NR Band n41 PC2 - 50MHz CP-OFDM-QPSK - Full RB - Main2)

Spectru Spuriou			• +									Frequenc	/ - 1 器
RL	+	Input: RF Coupling: Align: Au	DC Corr to Free	t Z: 50 Ω CCorr Ref: Int (S) : Off	Atten: 32 dB	Trig: Fre Gate: LC IF Gain:		Center Freq: 2.665020000 GHz Radio Std: None				requency 20000 GHz	Settings
3 All Rai	ASS nge Gra	ph v					_				CF Step 12.5000	000 MHz	
Scale/D	iv 10.0	dB		F	Ref Value 30.	00 dBm					Aut		
20.0											Mar		
10.0											Freq Off	set	
0.00				,	nysmpaneter.						0 Hz		
-20.0													
-30.0					l l		~						
-40.0									~~~~				
-50.0									- ⁷ /m				
-60.0													
Start 2.	628 GH	z							Stop	2.753 GHz			
4 All Rai	nge Tabl	e v											
							ure Trace			Trace 1			
							Туре		race Averaç				
	Spur	Range	Start Freq	Stop Freq 2.6900 GHz	RBW	Frequence 2.68859234		Amplitude 2.517 dBm	∆Limit -22.48				
	2	2		2.6900 GHZ 2.6910 GHz		2.69004000		24.60 dBm	-22.40				
	3					2.69172000		24.41 dBm	-14.41				
	4	4		2.7400 GHz				25.02 dBm	-12.02				
	5	5	2.7400 GHz	2.7525 GHz	1.000 MHz	2.74975000	0 GHz	53.33 dBm	-28.33	dB			
	5	2		b 18, 2023 03:34 AM									

Plot 7-183. Upper ACP Plot (NR Band n41 PC2 - 50MHz CP-OFDM-QPSK - Full RB - Main2)

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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RL +	ions	DC Corr Freq	t Z: 50 Ω CCorr Ref: Int (S)	Atten: 32 dB	Gate:	Free Run LO in: Low	Center Freq Radio Std: N	: 2.51601000 Ione	0 GHz		Frequency requency 0000 GHz	Settings
3 All Range Grap Cale/Div 10.0		NFE		Ref Value 30.	00 dBm					Aut		
20.0 10.0 0.00					pais-seconda	a strange and	un an an la contraction and	ann-rung		Mar Freq Off 0 Hz		
-10.0 -20.0 -30.0 -40.0									a part and a construction of the second s			
-50.0 -60.0	7							Sto	p 2.546 GHz			
4 All Range Table					Me	easure Trac	æ	010	Trace 1			
Spur	Range	Start Freq	Stop Freg	RBW	Tra Frequ	асе Туре	Amplitude	Trace Avera ∆Lim				
Spul 1				1.000 MHz			-28.35 dBm	-3.35				
2	2	2.4905 GHz	2.4950 GHz	1.000 MHz	2.495000	000 GHz	-26.69 dBm	-13.6	9 dB			
3 4				430.0 kHz 430.0 kHz			-29.87 dBm 3.206 dBm	-16.8 -21.7				
ב אר (0 18, 2023 11:24 AM	\mathbb{D}			l l					

Plot 7-184. Lower ACP Plot (NR Band n41 PC2 - 40MHz CP-OFDM-QPSK - Full RB - Main2)

Spectru Spuriou	s Emis	sions	• +								\$	Frequency	· · ※
RL	++-	Input: RF Coupling: Align: Au	DC Cor to Free	tt Z: 50 Ω CCorr a Ref: Int (S) :: Off	Atten: 32 dB	Gate:	ree Run LO in: Low		Center Freq: 2.670000000 GHz Radio Std: None			requency 0000 GHz	Settings
3 All Rar											CF Step 10.0000	00 MHz	
Scale/D	oiv 10.0	dB			Ref Value 30.	00 dBm					Auto Mar		
20.0 10.0 0.00			up-yaana daadhaaa	malin manda							Freq Offs 0 Hz	set	
-10.0 -20.0													
-30.0	م ^ي دون معمر محامر								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
-50.0 -60.0													
Start 2.									Stop	2.740 GHz			
4 All Rar	nge tabi	e v	J				asure Tra ice Type		race Averag	Trace 1 le (Active)			
	Spur	Range	Start Freq	Stop Freq	RBW	Frequ		Amplitude	∆Limit				
	1	2		2.6900 GHz 2.6910 GHz	430.0 kHz 820.0 kHz			3.090 dBm -23.61 dBm	-21.91 -13.61				
	3	3	2.6910 GHz	2.6950 GHz	1.000 MHz	2.691000	000 GHz	-22.70 dBm	-12.70	dB			
	4 5	4		2.7300 GHz 2.7400 GHz				-24.80 dBm -44.99 dBm	-11.80 -19.99				
	רא ש		Fe	L 40, 0000		2.130000							

Plot 7-185. Upper ACP Plot (NR Band n41 PC2 - 40MHz CP-OFDM-QPSK - Full RB - Main2)

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Plot 7-186. Lower ACP Plot (NR Band n41 PC2 - 20MHz CP-OFDM-QPSK - Full RB - Main2)

Spectrum Analyz Spurious Emissio		• +								\$	Frequency	- * 崇
KL +	Input: RF Coupling: D(Align: Auto		CCorr Ref: Int (S)	Atten: 32 dB	Ga	j: Free Run te: LO Gain: Low		Center Freq: 2.680020000 GHz Radio Std: None			equency 0000 GHz	Settings
3 All Range Graph	1 T	NFL				_				CF Step 5.000000) MHz	
Scale/Div 10.0 c	iB		F	Ref Value 30.	00 dBm					Auto Man		
20.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		and allowed the second							Freq Offs 0 Hz	et	
-10.0												
-30.0												
-50.0												
Start 2.665 GHz								Stop	2.715 GHz			
4 All Range Table	T					Measure Tra Trace Type	ce	Trace Averag	Trace 1 e (Active)			
Spur I		Start Freq	Stop Freq	RBW		quency	Amplitude	∆Limit				
2			2.6900 GHz 2.6910 GHz				4.135 dBm -21.88 dBm	-20.86 -11.88				
3	3 2	.6910 GHz	2.6950 GHz 2.7100 GHz	1.000 MHz	2.6910	00000 GHz	-19.24 dBm	-9.241	dB			
4			2.7100 GHz 2.7150 GHz				-21.95 dBm -38.69 dBm	-8.946 -13.69				
4 50			o 18, 2023 34:55 AM									

Plot 7-187. Upper ACP Plot (NR Band n41 PC2 - 20MHz CP-OFDM-QPSK - Full RB - Main2)

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

ASS	rum Analyzer - Spurio RF 50 Ω	AC CORREC	Trig:	SENSE:INT SOURCE er Freq: 2.5460000 Free Run		Radio Std:		Frequency
A35		IFGain:Lo	ow #Atte	n: 32 dB		Radio Dev	ice: BTS	
0 dB/div	Ref 30.00	dBm						
.og 20.0								Center Fre
10.0								2.546000000 GH
						·1		
20.0								
30.0								
io.o								
50.0 		(*************************************						
50.0								
start 2.37	1 GHz				I	Stop 2	.621 GHz	CF Ste
								525.200000 MH
Spur Ran		Stop Freq	RBW	Frequency	Amplitude	∆ Limit		<u>Auto</u> Ma
1	2.3710 GHz	2.4905 GHz		2.488993697 G		-6.880 dB		
2	2.4905 GHz 2.4950 GHz	2.4950 GHz 2.4960 GHz		2.493065000 G		-18.07 dB		Freq Offs
	2.4950 GHz 2.4960 GHz	2.4900 GHZ 2.6210 GHZ		2.495810000 G		-17.73 dB -24.38 dB		01

Plot 7-188. Lower ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK - Full RB - Sub (SRS 1T4R))



Plot 7-189. Upper ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK - Full RB - Sub (SRS 1T4R))

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NR Band n41 PC2 – 3rd-LMHB (SRS 1T4R)

RL ASS	t Spectrum R			AC	CORRE	:C	Trig	ter Fi	NSE:INT SOURC req: 2.546000 e Run 2 dB			AUTO	Radio St	AM Feb 22, 2023 d: None wice: BTS		Jency
0 dB/di	iv	Ref 30	0.00	dBm		11.20										
.og 20.0																n ter Fre 0000 GH
0.00																
0.0																
50.0 50.0 				- J. 194		ф										·
start 2	2.371 G	HZ											Stop	2.621 GHz		CF Ste
Spur	Range	Start F	req	St	op Fre	eq	RBW	F	requency		Amplitude		∆ Limit		Auto	Ma
		2.3710			1905 G				188993697 0				-7.661 d			
2		2.4905			1950 G				194955000 0				-19.82 d		Fre	q Offs
(3	2.4950			1960 G				195830000 0				-19.26 d			0
	+	2.4960	GHZ	2.6	210 G		1.000 MH		584353414 G	oriz (<u></u>		-24.31 d	D		
				_						_		STATU				

Plot 7-190. Lower ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK - Full RB - 3rd-LMHB (SRS 1T4R))



Plot 7-191. Upper ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK - Full RB - 3rd-LMHB (SRS 1T4R))

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NR Band n41 PC2 – 4th-MHB (SRS 1T4R)

RL ASS	RF 50 Ω	AC CORREC	Trig:	SENSE:INT SOURCE O Pr Freq: 2.546000000 Free Run n: 32 dB		09:53:22 AM Feb 22, 2023 Radio Std: None Radio Device: BTS	Frequency
0 dB/div	Ref 30.00	dBm					a
og 20.0							Center Fre 2.546000000 GH
0.00							
0.0							
i0.0	· · · · · · · · · · · · · · · · · · ·						
tart 2.371	GHz					Stop 2.621 GHz	CF Ste 525.200000 MH
Spur Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	∆ Limit	Auto Ma
1	2.3710 GHz	2.4905 GHz	1.000 MHz	2.488993697 GHz	-30.88 dBm	-5.881 dB	
2	2.4905 GHz	2.4950 GHz		2.492120000 GHz		-17.69 dB	Freq Offs
3	2.4950 GHz	2.4960 GHz		2.495810000 GHz		-17.38 dB	0
4	2.4960 GHz	2.6210 GHz	1.000 MHz	2.578831325 GHz	1.928 dBm	-23.07 dB	U

Plot 7-192. Lower ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK - Full RB - 4th-MHB (SRS 1T4R))



Plot 7-193. Upper ACP Plot (NR Band n41 PC2 - 100MHz CP-OFDM-QPSK – Full RB - 4th-MHB (SRS 1T4R))

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NR Band n30 – Main2



Plot 7-194. Lower Band Edge Plot (NR Band n30 - 10MHz CP-OFDM-QPSK – Full RB - Main2)



Plot 7-195. Extended Lower Band Edge Plot (NR Band n30 - 10MHz CP-OFDM-QPSK – Full RB - Main2)

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Plot 7-196. Upper Band Edge Plot (NR Band n30 - 10MHz CP-OFDM-QPSK – Full RB - Main2)

RL Compage De Align: Auto Compage De Freq Ref: Int (S) NFE: Off Gate: Off IF Gan: Low Sig Track: Off Trig: Free Run ANN NNN Same Dec Compage Decompage Decompage Decompage Dec Compage Decompage Dec Compage Deco	Spectrum Analyzer 1 Swept SA	+					Frequenc	y v <mark></mark> ∰
Spectrum Mkr1 2.320 050 GHz Scale/Div 10 dB Ref Level 20.00 dBm -32.294 dBm Log Tace 1 Pass Full Span 100 Start Freq 2.307000000 GHz 200 Stop Freq 2.365000000 GHz 200 Stop Freq 2.365000000 GHz 200 Stop Freq 2.36500000 GHz 200 Auto TUNE Stop Freq 2.300000 MHz Solowow MHz Stop Freq 2.36500000 GHz Auto Man Man Freq Offset Hz Stop Scale 400 Wate Discover Disc	Align: Auto	Corr CCorr Freq Ref: Int (S)	#Atten: 28 dB	Gate: Off IF Gain: Low	#Avg Type: Po Trig: Free Run	A ₩₩₩₩₩		Settings
Log Trace 1 Pass 100 100 100 100 100 100 100 1	1 Spectrum v		Rof Lovel 20.00 d		Mkr1	2.320 050 GHz	58.0000000 MHz	
000 -00 span 100 -00 span 100 -00 span 100 -00 span 200 -00 span 200 -00 span 200 -00 span 400 -00 span <td>Log Trace 1 Pass</td> <td></td> <td></td> <td></td> <td></td> <td>-02.204 dDill</td> <td>Zero Span</td> <td></td>	Log Trace 1 Pass					-02.204 dDill	Zero Span	
100 200 300 Stop Freq 200 200 200 200 300 400 200 200 500 500 500 500 500 500 500 500 600 700 700 700 700 Center 2.33600 GHz #Video BW 3.0 MHz Span 58.00 MHz Axis Scale Log Log Log Lin Log								
200 -300 -400 -500 -500 -600 -700 -	-10.0							
400 A010 HOLE 500 GE Stop 600 Auto 700 Man Freq Offset Hz 2000 GHz #Video BW 3.0 MHz Sweep 1.00 ms (1001 pts) Log Lin Log		1					2.365000000 GHz	
-50.0 -60.0 -60.0 -60.0 -60.0 -60.0 Man -70.0 -7								
-00 -00 Freq Offset -70.0 -70.0 -70.0 Center 2.33600 GHz #Video BW 3.0 MHz Span 58.00 MHz #Res BW 1.0 MHz Sweep 1.00 ms (1001 pts)	-50.0		a	and the second			Auto	
Center 2.33600 GHz #Video BW 3.0 MHz Span 58.00 MHz #Res BW 1.0 MHz Sweep 1.00 ms (1001 pts)							Freq Offset	
#Res BW 1.0 MHz Sweep 1.00 ms (1001 pts)	Center 2.33600 GHz		#Video BW 3.0 M	MHz		Span 58.00 MHz	X Axis Scale	
	#Res BW 1.0 MHz	9 Mar 22, 2023	~ ^		Swee			



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Keysight Spectrum Analyzer - Channel Power							
X/RL RF 50Ω AC CORREC	SENSE:I		ALIGN AUTO		M Apr 06, 2023	Trac	e/Detector
	Center Freq: Trig: Free Ru	2.304500000 GHz	:>100/100	Radio Std	I: None	nuo	0.00000
PASS #IFGain:Low	#Atten: 36 dB			Radio Dev	vice: BTS		
10 dB/div Ref 25.00 dBm							
15.0							
							Clear Write
5.00		mon		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~		
-5.00					+		
-15.0							
-25.0		کم			<u> </u>		Average
-35.0	and the second	<u> </u>			march		
and the second							
-45.0							
-55.0							Max Hold
-65.0					<u> </u>		
Center 2.304500 GHz					2.50 MHz		
#Res BW 51 kHz	#VBW	160 kHz		Sweep	5.933 ms		Min Hold
Channel Power	P	ower Spectr	al Dens	itv			
		•					Detector
		00.20	dDm				Average ►
-20.26 dBm / 1 мнz		-80.26	арш	/HZ		<u>Auto</u>	Man
MSG			STATUS	3			

Plot 7-198. Lower Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK - Full RB - Main2)



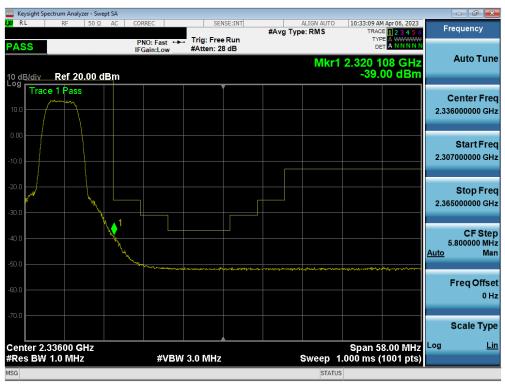
Plot 7-199. Extended Lower Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK - Full RB - Main2)

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Keysight Spectrum Analyzer - Channel Power					
X/RL RF 50Ω AC CORR		SENSE:INT Freg: 2.315500000 (ALIGN AUTO	10:32:55 AM Apr 06, 20 Radio Std: None	Trace/Detector
PA 00	Trig: F	ree Run Avg	Hold: 100/100		
PASS #IFG	ain:Low #Atten	: 36 dB		Radio Device: BTS	_
10 dB/div Ref 30.00 dBm					
Log					
20.0					Clear Write
10.0					
0.00					
-10.0					
-20.0					Average
-30.0					
-40.0	V	mannen .			
-50.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
				minun	Max Hold
-60.0					
Center 2.315500 GHz				Span 12.50 M	17
#Res BW 51 kHz	#\	/BW 160 kHz		Sweep 5.933 n	
				-	
Channel Power		Power Sp	ectral Dens	itv	
Charlier Fower		i ower op		ity	Detector
		00			Average►
-20.74 dBm / 1	MHZ	-80.	74 dBm	/Hz	Auto Man
MSG			STATUS		

Plot 7-200. Upper Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK - Full RB - Main2)

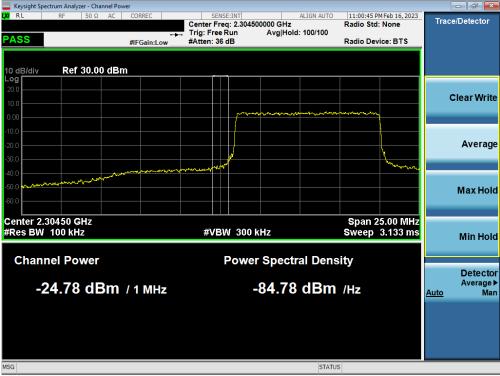


Plot 7-201. Extended Upper Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK - Full RB - Main2)

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LTE Band 30 – Sub



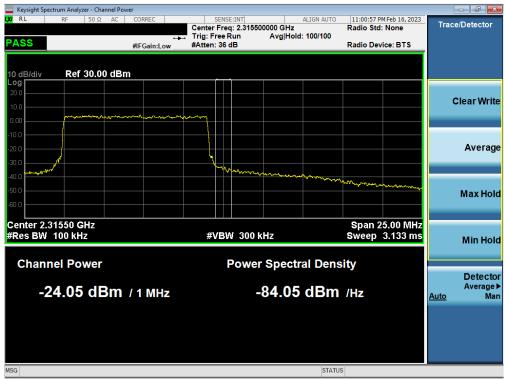
Plot 7-202. Lower Band Edge Plot (LTE Band 30 - 10MHz QPSK - Full RB - Sub)



Plot 7-203. Extended Lower Band Edge Plot (LTE Band 30 - 10MHz QPSK - Full RB - Sub)

FCC ID: PY7-84558E		PART 27 MEASUREMENT REPORT					
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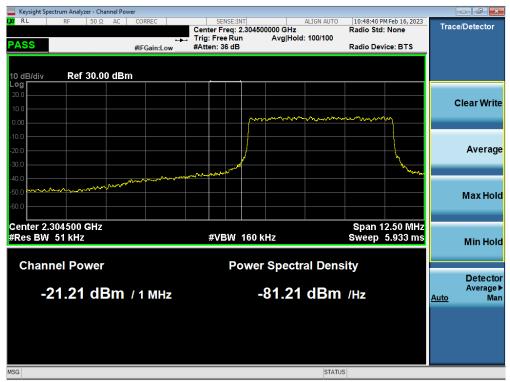
Plot 7-204. Upper Band Edge Plot (LTE Band 30 - 10MHz QPSK - Full RB - Sub)



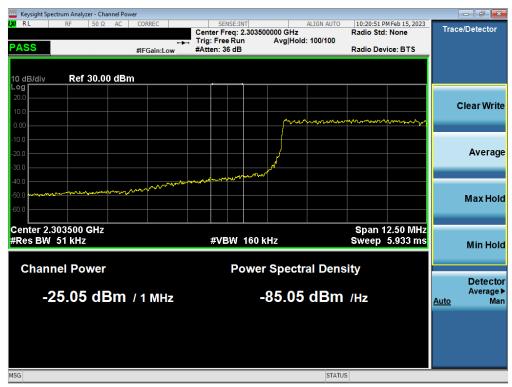
Plot 7-205. Extended Upper Band Edge Plot (LTE Band 30 - 10MHz QPSK – Full RB - Sub)

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Plot 7-206. Lower Band Edge Plot (LTE Band 30 - 5MHz QPSK - Full RB - Sub)



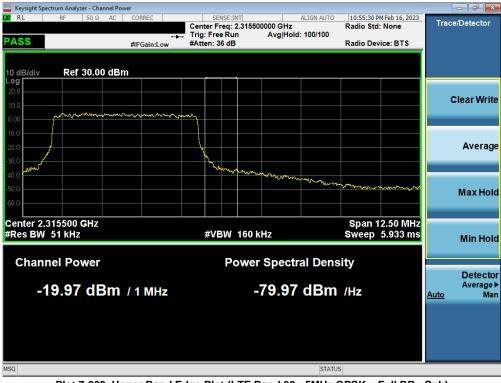
Plot 7-207. Extended Lower Band Edge Plot Integration at 2303.5MHz (LTE Band 30 - 5MHz QPSK – Full RB - Sub)

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Keysight Spectrum Analyzer - Swept SA						
X/ RL RF 50 Ω AC	CORREC	SENSE:INT	#Avg Typ	ALIGN AUTO	10:20:17 PM Feb 15, 2023 TRACE 1 2 3 4 5 6 TYPE A WWWWW	Frequency
PASS		n: 36 dB		Mkr1	2.291 859 5 GHz -41.47 dBm	Auto Tune
5.00						Center Fre 2.295750000 GH
15.0						Start Fre 2.288000000 GH
35.0		when the hard particular the liter	-	๛ ๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛	manning	Stop Fre 2.303500000 GH
45.0 	Philosophy (million) (from the second s					CF Ste 1.550000 MH <u>Auto</u> Ma
sc.0						Freq Offs 0 F
75.0						Scale Typ
Start 2.288000 GHz #Res BW 1.0 MHz	#VBW 3.0 M	Hz			Stop 2.303500 GHz 1.000 ms (1001 pts)	_
ISG				STAT	US	





Plot 7-209. Upper Band Edge Plot (LTE Band 30 - 5MHz QPSK - Full RB - Sub)

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Keysight Spectrum Analyzer - Swept SA						
LXX RL RF 50Ω AC	CORREC	SENSE:INT	#Avg Type: F	RMS TRAC	M Feb 16, 2023	Frequency
PASS	PNO: Fast ++- IFGain:Low	Trig: Free Run #Atten: 36 dB		DI		Auto Tune
10 dB/div Ref 20.00 dBm				Mkr1 2.328 1 -42.	112 GHz 25 dBm	AutoTune
10.0						Center Freq 2.336000000 GHz
-10.0						Start Freq 2.307000000 GHz
-20.0						Stop Freq 2.365000000 GHz
-40.0	Why server with warm	M. Managen Merchushra	and the second	hand a factor of the second states of the second states of the second states of the second states of the second		CF Step 5.800000 MHz <u>uto</u> Man
-60.0						Freq Offset 0 Hz
-70.0 Center 2.33600 GHz				Span 5	8.00 MHz	Scale Type
#Res BW 1.0 MHz	#VBW	3.0 MHz	Sv	veep 1.000 ms ((1001 pts)	
MSG				STATUS		

Plot 7-210. Extended Upper Band Edge Plot (LTE Band 30 - 5MHz QPSK - Full RB - Sub)

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7.6 Radiated Power (EIRP)

Test Overview

Equivalent Isotropic Radiated Power (EIRP) measurements are performed using the substitution method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26-2015 - Section 5.2.4.4

Test Settings

- 1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation. For signals with burst transmission, the signal analyzer's "time domain power" measurement capability is used.
- 2. RBW = 1 5% of the expected OBW, not to exceed 1MHz
- 3. VBW \geq 3 x RBW
- 4. Span = 1.5 times the OBW
- 5. No. of sweep points $\geq 2 \times \text{span} / \text{RBW}$
- 6. Detector = RMS
- 7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less than or equal to the transmission burst duration.
- 8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signals with burst transmission, the "gating" function was enabled to ensure that measurements are performed during times in which the transmitter is operating at its maximum power.
- 9. Trace mode = trace averaging (RMS) over 100 sweeps
- 10. The trace was allowed to stabilize.

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Test Setup

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

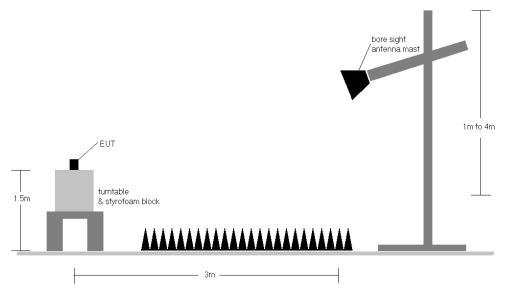


Figure 7-5. Radiated Test Setup >1GHz

Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.
- 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.
- 4) UL-MIMO and SRS 2T4R have both antennas transmitting simultaneously for radiated power (EIRP).

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	QPSK	2310.0	V	120	307	10.37	1 / 49	9.09	19.46	0.088	23.98	-4.52
	16-QAM	2310.0	V	120	307	10.37	1/49	7.74	18.11	0.065	23.98	-5.87
	QPSK	2307.5	V	120	307	10.36	1 / 12	8.95	19.32	0.085	23.98	-4.66
5 MHz	QPSK	2310.0	V	120	307	10.37	1/0	9.02	19.40	0.087	23.98	-4.58
	QPSK	2312.5	V	120	307	10.36	1/0	9.10	19.46	0.088	23.98	-4.52
	16-QAM	2312.5	V	120	307	10.36	1/0	7.53	17.89	0.062	23.98	-6.09
5 MHz	Opposite Pol.	2310.0	Н	139	153	10.37	1 / 24	8.80	19.17	0.083	23.98	-4.81
5 WIF12	WCP	2310.0	Н	134	162	10.37	1 / 24	8.53	18.90	0.078	23.98	-5.08

Table 7-11. EIRP Data (LTE Band 30 – Main2)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
10 MHz	QPSK	2310.0	Н	156	15	10.55	1 / 25	9.88	20.43	0.110	23.98	-3.55
	16-QAM	2310.0	Н	156	15	10.55	1 / 25	8.74	19.29	0.085	23.98	-4.69
	QPSK	2307.5	Н	156	15	10.52	1 / 12	9.56	20.08	0.102	23.98	-3.90
5 MHz	QPSK	2310.0	Н	156	15	10.55	1 / 12	9.62	20.17	0.104	23.98	-3.81
5 10172	QPSK	2312.5	Н	156	15	10.56	1 / 12	9.75	20.31	0.107	23.98	-3.67
	16-QAM	2310.0	Н	156	15	10.55	1 / 12	8.75	19.30	0.085	23.98	-4.68
10 MHz	WCP	2310.0	Н	117	5	10.55	1 / 25	7.51	18.06	0.064	23.98	-5.92

Table 7-12. EIRP Data (LTE Band 30 – Sub)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
N	QPSK	2506.0	V	117	125	9.50	1 / 50	11.34	20.84	0.121	33.01	-12.17
Ŧ	QPSK	2593.0	V	134	124	9.49	1 / 50	11.31	20.80	0.120	33.01	-12.21
20 MHz	QPSK	2680.0	V	121	127	9.87	1/0	10.00	19.87	0.097	33.01	-13.14
2	16-QAM	2593.0	V	134	124	9.49	1 / 50	10.89	20.38	0.109	33.01	-12.63
N	QPSK	2503.5	V	117	125	9.50	1/37	11.29	20.79	0.120	33.01	-12.22
Ŧ	QPSK	2593.0	V	134	124	9.49	1 / 74	11.30	20.79	0.120	33.01	-12.22
15 MHz	QPSK	2682.5	V	121	127	9.87	1 / 74	9.94	19.80	0.096	33.01	-13.21
~	16-QAM	2503.5	V	117	125	9.50	1/37	10.88	20.38	0.109	33.01	-12.63
N	QPSK	2501.0	V	117	125	9.49	1 / 25	11.60	21.09	0.129	33.01	-11.92
MHz	QPSK	2593.0	V	134	124	9.49	1 / 25	11.46	20.95	0.124	33.01	-12.06
10 1	QPSK	2685.0	V	121	127	9.86	1 / 25	10.19	20.05	0.101	33.01	-12.96
~	16-QAM	2501.0	V	117	125	9.49	1/49	11.10	20.59	0.115	33.01	-12.42
N	QPSK	2498.5	V	117	125	9.49	1 / 12	11.64	21.13	0.130	33.01	-11.88
MHz	QPSK	2593.0	V	134	124	9.49	1 / 12	11.46	20.95	0.124	33.01	-12.06
2 W	QPSK	2687.5	V	121	127	9.86	1 / 12	10.26	20.11	0.103	33.01	-12.90
	16-QAM	2498.5	V	117	125	9.49	1 / 12	11.12	20.61	0.115	33.01	-12.40
20 MHz	WCP	2506.0	Н	153	62	9.49	1 / 50	9.90	19.39	0.087	33.01	-13.62

Table 7-13. EIRP Data (LTE Band 41(PC3) – Main2)

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Furntable Azimuth Ant. Gain [dBi] EIRP Limit [dBm] Frequency [MHz] nt. Pol [H/V] Antenna eight [cm] Substitute Level [dBm] EIRP [Watts] Mod. RB Size/Offs Bandwidth EIRP [dBm] largin [dB [degree] 2546.01 133 9.40 1 / 136 10.14 19.54 0.090 33.01 -13.47 QPSK QPSK 2592.99 ٧ 125 15 9.46 1 / 136 9.06 18.52 0.071 33.01 -14.49 QPSK 16-QAM 16-QAM 2640.00 2546.01 2592.99 1 / 136 1 / 136 1 / 136 -15.31 -13.12 -14.64 118 9.50 0.059 0.097 9.40 9.46 10.49 8.91 19.89 125 18.37 33.01 0.069 00 MHz 16-QAM 2640.00 118 9.50 1 / 136 5.47 14.97 0.031 33.01 -18.04 64-QAM 64-QAM 64-QAM 9.40 9.46 1 / 136 10.18 19.58 17.98 13.19 2546.01 133 0.091 33.01 -13.43 2592.99 125 0.063 33.01 2546.01 133 1 / 136 9.89 19.29 0.085 33.01 256-QAN 125 9.46 1 / 136 8.14 17.60 0.058 33.01 -15.41 256-QAN 2640.00 118 1 / 136 3.98 13.48 0.022 19.53 2541.00 QPSK QPSK 133 125 5 9.46 9.46 1 / 122 1 / 122 10.23 9.02 19.69 18.48 0.093 33.01 33.01 -13.33 -14.53 2592.99 QPSK 16-QAM 2644.98 2541.00 118 9.51 8.10 10.49 17.61 0.058 33.01 33.01 -15.40 9.46 1/1 19.94 0.099 16-QAM 16-QAM 2592.99 2644.98 125 118 9.46 9.51 245 / 0 8.99 5.34 18.45 14.85 0.070 33.01 33.01 -14.56 90 MHz 64-QAM 2541.00 133 9.46 11.13 20.59 0.114 33.01 -12.43 64-QAM 64-QAM 2592.99 2644.98 125 118 9.46 9.51 1 / 122 9.63 19.09 13.62 33.01 33.01 -13.92 -19.39 0.081 0.023 2541.00 133 9.46 245 / 0 245 / 0 8.81 7.94 18.27 0.067 33.01 -14.74 9.46 17.40 0.055 33.01 -15.61 256-QAM 2644.98 118 9.51 3.70 13.21 0.021 33.01 -19.80 9.49 10.28 QPS 2536.02 133 1 / 162 19.76 0.095 33.01 -13.25 QPS 2592.99 125 15 9.46 1 / 108 9.04 18.50 0.071 33.01 -14.51 QPS 2649.99 118 12 7.79 17.30 0.054 33.01 -15.71 9.49 9.46 9.52 217 / 0 217 / 0 9.45 8.98 0.078 -14.07 -14.57 16-QAM 2536.02 2592.99 18.94 33.01 16-QAN 125 18.44 33.01 80 MHz 2649.99 16-QAM 118 5.42 33.01 14.94 0.031 -18.07 64-QAM 2536.02 133 9.49 1 / 108 11.09 20.58 0.114 33.01 -12.43 64-QAM 64-QAM 256-QAM 9.49 9.46 9.52 9.49 9.61 4.16 8.78 -12.43 -13.94 -19.34 -14.74 2592.99 2649.99 125 118 1 / 108 19.07 13.68 0.081 33.01 33.01 217/0 2536.02 133 18.27 0.067 33.01 2592.99 125 9.46 7.85 17.32 0.054 33.01 -15.69 256-QAM 13.17 -19.84 3.65 0.021 33.01 133 125 9.52 9.46 1 / 121 162 / 0 10.19 9.01 19.70 18.47 2526.00 2592.99 0.093 33.01 -13.31 -14.54 QPSK 33.01 QPSH 2659.98 118 8.20 17.70 0.059 33.01 -15.31 12 16-QAM 16-QAM 16-QAM 2526.00 2592.99 2659.98 133 125 118 10.48 8.91 5.47 20.00 18.38 14.97 -13.01 -14.63 -18.04 9.52 9.46 0.100 33.01 33.01 1 / 121 60 MHz 162 / 0 9.50 0.031 33.01 64-QAM 2526.00 133 9.52 162 / 0 11.04 20.55 0.114 33.01 -12.46 64-QAM 64-QAM 256-QAN 256-QAN 2592.99 2659.98 2526.00 2592.99 125 118 133 9.56 4.14 10.02 19.02 13.63 19.53 -13.99 -19.38 -13.48 9.46 162 / 0 0.080 9.50 9.52 1 / 81 0.023 33.01 33.01 0.069 125 9.46 8.92 18.38 33.01 -14.63 2659.98 118 9.50 1/81 5.58 15.08 0.032 33.01 -17.93 QPSK QPSK 10.24 9.00 133 125 9.51 9.46 133 / 0 133 / 0 19.75 18.46 0.094 -13.26 -14.55 2521.02 2592.99 33.01 33.01 QPS 2664.99 118 9.51 133 / 0 8.10 17.61 0.058 33.01 -15.40 12 16-QAM 2521.02 133 9.51 1/66 10.46 19.97 0.099 33.01 -13.04 5 16-QAM 16-QAM 64-QAM 18.43 14.98 **20.24** -14.58 -18.03 -12.77 2592.99 2664.99 2521.02 125 118 9.46 50 MHz 9.51 9.51 1/6 0.032 33.01 133 1/99 10.72 33.01 64-QAM 2592.99 125 9.46 133 / 0 9.58 19.04 0.080 33.01 -13.97 64-QAM 2664.99 118 9.51 1 / 99 1 / 99 133 / 0 4.17 13.68 0.023 33.01 -19.33 256-QAN 256-QAN 2521.02 2592.99 9.51 9.46 8.70 8.78 33.01 33.01 -14.80 -14.77 18.21 18.24 0.066 133 125 2664.99 118 9.51 1/99 3.92 13.43 0.022 33.01 -19.58 2516.01 2592.99 9.52 9.46 19.61 18.52 -13.40 -14.49 QPSK QPSK 133 125 1 / 79 1 / 79 10.09 9.06 0.091 33.01 33.01 QPSK 16-QAM 2670.00 118 9.52 9.52 8.11 17.63 0.058 33.01 -15.38 1/1 -13.08 2516.01 133 19.93 0.098 33.01 16-QAM 16-QAM 64-QAM 2592.99 2670.00 2516.01 9.46 9.52 9.52 9.46 8.90 5.45 11.05 -14.65 -18.04 -12.43 125 118 106 /0 1 / 79 18.36 14.97 0.069 33.01 33.01 40 MHz 20.58 133 1/79 0.114 33.01 64-QAM 2592.99 1/79 9.60 19.07 0.081 33.01 -13.94 2670.00 2516.01 9.52 9.52 0.023 0.102 64-QAM 118 4.16 13.68 33.01 -19.33 56-QAN 1/79 10.58 9.46 8.43 17.89 0.061 33.01 -15.12 1/79 2670.00 2511.00 2592.99 2674.98 256-QAN 118 106 / 0 3.90 13.42 0.022 33.01 -19.59 9.59 8.95 8.12 33.01 33.01 33.01 33.01 -13.88 -14.60 -15.37 QPSK QPSK 133 9.54 78/0 19.13 0.082 125 118 9.46 9.52 78/0 1/39 18.41 17.64 0.069 QPS 16-QAM 2511.00 133 10.35 19.89 0.097 33.01 -13.12 -14.62 16-QAM 2592.99 9.46 1/39 8.92 18.39 0.069 33.01 30 MHz 16-QAM 64-QAM 2674.98 2511.00 118 133 9.52 9.54 78 / 0 78 / 0 5.47 0.031 -18.03 -12.57 14.98 20.44 33.01 64-QAM 2592.99 125 9.46 78/0 9.52 18.98 0.079 33.01 -14.03 2674.98 2511.00 2592.99 2674.98 0.023 0.079 0.074 64-QAM 256-QAN 118 9.52 9.54 78/0 4.16 13.68 33.01 33.01 -19.33 133 125 1/1 9.42 9.25 -14.05 -14.29 18.96 56-QAN 9.46 9.52 18.72 33.01 118 78/0 4.32 13.84 0.024 33.01 -19.17 2506.02 133 9.54 10.19 19.73 0.094 33.01 -13.28 -14.61 QPSK QPSK 1/3 2592.99 2679.99 9.46 9.51 8.94 18.40 17.48 0.069 33.01 33.01 125 118 15 16-QAM 9.54 2506.02 133 1/25 10.29 19.83 0.096 33.01 -13.18 16-QAM 2592.99 125 9.46 1/25 8.84 18.30 0.068 33.01 -14.71 20 MHz 16-QAM 64-QAM 64-QAM 2592.99 2679.99 2506.02 2592.99 9.51 9.54 9.46 51/0 0.030 0.115 0.080 33.01 33.01 33.01 -18.24 -12.42 -13.96 118 133 5.26 11.05 14.77 20.59 125 19.05 1/3 9.59 64-QAM 2679.99 118 4.13 13.64 0.023 33.01 -19.37 256-QAN 2506.02 9.54 19.27 0.084 -13.74 Table 7-14. EIRP Data (NR Band n41 PC3 – UL-MIMO (Main2+Sub))

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
	QPSK	2546.01	V	182	360	9.40	1 / 68	-0.18	9.22	0.008	33.01	-23.79
	QPSK	2592.99	V	168	347	9.46	1 / 68	1.91	11.37	0.014	33.01	-21.64
	QPSK	2640.00	V	167	10	9.50	1 / 68	0.87	10.37	0.011	33.01	-22.64
	16-QAM	2546.01	V	182	360	9.40	1 / 68	-0.26	9.14	0.008	33.01	-23.87
N	16-QAM	2592.99	V	168	347	9.46	1 / 68	0.74	10.20	0.010	33.01	-22.81
MHz	16-QAM	2640.00	V	167	10	9.50	1 / 68	0.67	10.17	0.010	33.01	-22.84
100	64-QAM	2546.01	V	182	360	9.40	1 / 68	-0.93	8.47	0.007	33.01	-24.54
1	64-QAM	2592.99	V	168	347	9.46	1 / 68	1.07	10.53	0.011	33.01	-22.48
	64-QAM	2640.00	V	167	10	9.50	1 / 68	-0.13	9.37	0.009	33.01	-23.64
	256-QAM	2546.01	V	182	360	9.40	1 / 68	-1.65	7.75	0.006	33.01	-25.26
	256-QAM	2592.99	V	168	347	9.46	1 / 68	1.11	10.57	0.011	33.01	-22.44
	256-QAM	2640.00	V	167	10	9.50	1 / 68	0.32	9.82	0.010	33.01	-23.19

Table 7-15. EIRP Data (NR Band n41 PC3 – SRS 2T4R (3rd-LMHB+4th-MHB))

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
	π/2 BPSK	2546.01	Н	133	143	9.38	1 / 204	12.26	21.64	0.146	33.01	-11.37
100 MHz	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 204	12.69	22.18	0.165	33.01	-10.83
≥ 2	π/2 BPSK	2640.00	Н	150	139	9.89	1 / 204	12.61	22.50	0.178	33.01	-10.51
100	QPSK	2640.00	Н	150	139	9.89	1 / 204	12.14	22.03	0.160	33.01	-10.98
	16-QAM	2640.00	Н	150	139	9.89	1 / 204	12.36	22.25	0.168	33.01	-10.76
	π/2 BPSK	2541.00	Н	133	143	9.39	1 / 122	12.25	21.63	0.146	33.01	-11.38
90 MHz	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 183	12.62	22.12	0.163	33.01	-10.89
×	π/2 BPSK	2644.98	Н	150	139	9.91	1 / 122	12.61	22.52	0.179	33.01	-10.49
06	QPSK	2644.98	Н	150	139	9.91	1 / 122	12.37	22.28	0.169	33.01	-10.73
	16-QAM	2644.98	Н	150	139	9.91	1 / 122	12.06	21.97	0.158	33.01	-11.04
	π/2 BPSK	2536.02	Н	133	143	9.40	1 / 108	12.60	22.00	0.158	33.01	-11.01
80 MHz	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 108	12.76	22.25	0.168	33.01	-10.76
. W	π/2 BPSK	2649.99	Н	150	139	9.93	1 / 108	12.60	22.53	0.179	33.01	-10.48
80	QPSK	2649.99	Н	150	139	9.93	1 / 108	12.60	22.53	0.179	33.01	-10.48
	16-QAM	2649.99	Н	150	139	9.93	1 / 108	11.86	21.80	0.151	33.01	-11.22
	π/2 BPSK	2526.00	Н	133	143	9.43	1 / 81	12.74	22.17	0.165	33.01	-10.84
먹	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 81	12.58	22.07	0.161	33.01	-10.94
60 MHz	π/2 BPSK	2659.98	Н	150	139	9.85	1 / 81	12.93	22.78	0.190	33.01	-10.23
60	QPSK	2659.98	Н	150	139	9.85	1 / 81	12.38	22.23	0.167	33.01	-10.78
	16-QAM	2592.99	Н	130	143	9.49	1 / 81	12.01	21.51	0.141	33.01	-11.51
	π/2 BPSK	2521.02	Н	133	143	9.45	1/1	12.96	22.41	0.174	33.01	-10.60
P	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 99	13.03	22.52	0.179	33.01	-10.49
50 MHz	π/2 BPSK	2664.99	Н	150	139	9.84	1 / 99	12.64	22.47	0.177	33.01	-10.54
50	QPSK	2664.99	Н	150	139	9.84	1 / 99	12.73	22.57	0.181	33.01	-10.44
	16-QAM	2664.99	Н	150	139	9.84	1 / 99	12.01	21.85	0.153	33.01	-11.16
	π/2 BPSK	2516.01	Н	133	143	9.48	1 / 79	12.68	22.16	0.164	33.01	-10.85
먹	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 79	12.95	22.44	0.176	33.01	-10.57
40 MHz	π/2 BPSK	2670.00	Н	150	139	9.82	1 / 53	12.83	22.66	0.184	33.01	-10.35
40	QPSK	2670.00	Н	150	139	9.82	1 / 53	12.78	22.60	0.182	33.01	-10.41
	16-QAM	2670.00	Н	150	139	9.82	1 / 53	12.20	22.02	0.159	33.01	-10.99
	π/2 BPSK	2511.00	Н	133	143	9.50	1 / 58	12.78	22.29	0.169	33.01	-10.72
먹	π/2 BPSK	2592.99	Н	130	143	9.49	1 / 58	13.12	22.61	0.182	33.01	-10.40
30 MHz	π/2 BPSK	2674.98	Н	150	139	9.85	1 / 58	12.92	22.77	0.189	33.01	-10.24
30	QPSK	2674.98	Н	150	139	9.85	1 / 58	13.00	22.84	0.192	33.01	-10.17
	16-QAM	2674.98	Н	150	139	9.85	1 / 58	12.40	22.25	0.168	33.01	-10.76
	π/2 BPSK	2506.02	Н	133	143	9.50	1/1	12.62	22.12	0.163	33.01	-10.89
우	π/2 BPSK	2592.99	н	130	143	9.49	1/1	12.83	22.32	0.171	33.01	-10.69
20 MHz	π/2 BPSK	2679.99	Н	150	139	9.87	1/1	12.76	22.63	0.183	33.01	-10.38
50	QPSK	2679.99	н	150	139	9.87	1/1	12.74	22.61	0.182	33.01	-10.40
	16-QAM	2679.99	Н	150	139	9.87	1/1	12.10	21.97	0.157	33.01	-11.04
100 MHz	QPSK (WCP)	2640.00	н	139	147	9.89	1 / 204	11.19	21.08	0.128	33.01	-11.93

Table 7-16. EIRP Data (NR Band n41 PC2 – Main2)

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Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
- 1	π/2 BPSK	2546.01	Н	121	184	9.38	270 / 0	6.48	15.86	0.039	33.01	-17.15
TH2	π/2 BPSK	2592.99	Н	128	188	9.49	270 / 0	6.72	16.21	0.042	33.01	-16.80
2	π/2 BPSK	2640.00	Н	118	181	9.89	270 / 0	7.60	17.49	0.056	33.01	-15.52
001	QPSK	2640.00	Н	118	181	9.89	270 / 0	7.57	17.46	0.056	33.01	-15.55
-	16-QAM	2640.00	Н	118	181	9.89	270 / 0	7.48	17.37	0.055	33.01	-15.64

Table 7-17. EIRP Data (NR Band n41 PC2 – Sub (SRS 1T4R))

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
	π/2 BPSK	2546.01	V	133	350	9.40	1 / 204	2.01	11.41	0.014	33.01	-21.60
Ŧ	π/2 BPSK	2592.99	V	131	359	9.46	1 / 136	3.55	13.01	0.020	33.01	-20.00
W	π/2 BPSK	2640.00	V	142	350	9.50	1 / 204	4.94	14.44	0.028	33.01	-18.57
100	QPSK	2640.00	V	142	350	9.50	1 / 204	4.25	13.75	0.024	33.01	-19.26
	16-QAM	2640.00	V	142	350	9.50	1 / 204	3.88	13.38	0.022	33.01	-19.63

Table 7-18. EIRP Data (NR Band n41 PC2 – 3rd-LMHB (SRS 1T4R))

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
	π/2 BPSK	2546.01	Н	146	359	9.38	1 / 136	4.06	13.44	0.022	33.01	-19.57
Ŧ	π/2 BPSK	2592.99	Н	142	9	9.49	1 / 136	3.43	12.92	0.020	33.01	-20.09
N	π/2 BPSK	2640.00	Н	133	27	9.89	1 / 136	3.23	13.12	0.021	33.01	-19.89
100	QPSK	2546.01	Н	146	359	9.38	1 / 136	4.33	13.71	0.023	33.01	-19.30
	16-QAM	2546.01	Н	146	359	9.38	1 / 136	3.19	12.57	0.018	33.01	-20.44

Table 7-19. EIRP Data (NR Band n41 PC2 – 4th-MHB (SRS 1T4R))

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
	π/2 BPSK	2310.0	Н	163	10	10.55	1 / 26	8.63	19.18	0.083	23.98	-4.80
10 MHz	QPSK	2310.0	Н	163	10	10.55	1 / 26	8.51	19.06	0.080	23.98	-4.92
	16-QAM	2310.0	Н	163	10	10.55	1 / 26	7.65	18.20	0.066	23.98	-5.78
	π/2 BPSK	2307.5	Н	163	10	10.52	1 / 12	9.17	19.69	0.093	23.98	-4.29
	π/2 BPSK	2310.0	н	163	10	10.55	1 / 12	9.33	19.88	0.097	23.98	-4.10
5 MHz	π/2 BPSK	2312.5	Н	163	10	10.56	1 / 12	9.06	19.62	0.092	23.98	-4.36
	QPSK	2310.0	Н	163	10	10.55	1 / 12	9.47	20.02	0.100	23.98	-3.96
	16-QAM	2312.5	Н	163	10	10.56	1 / 12	7.73	18.29	0.067	23.98	-5.69
10 MHz	WCP	2310.0	Н	149	168	10.55	1 / 26	6.55	17.10	0.051	23.98	-6.88

Table 7-20. EIRP Data (NR Band n30 – Main2)

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7.7 Radiated Spurious Emissions Measurements

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26-2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

ANSI C63.26-2015 - Section 5.5.4

Test Settings

- 1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
- 2. VBW \geq 3 x RBW
- 3. Span = 1.5 times the OBW
- 4. No. of sweep points > 2 x span / RBW
- 5. Detector = RMS
- 6. Trace mode = Average (Max Hold for pulsed emissions)
- 7. The trace was allowed to stabilize.

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Test Setup

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

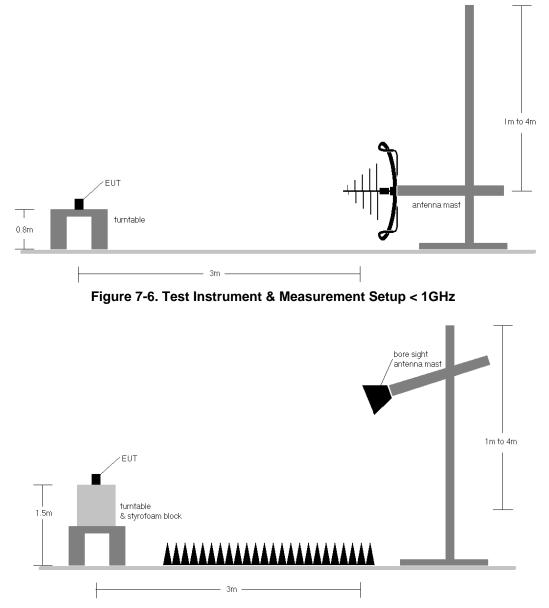


Figure 7-7. Test Instrument & Measurement Setup >1 GHz

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Test Notes

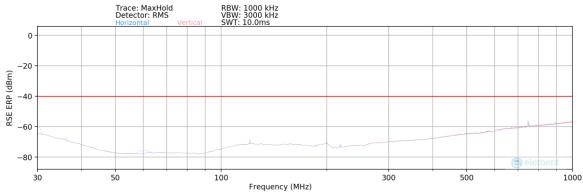
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(dB\mu V/m) = Measured amplitude level (dBm) + 107 + Cable Loss (dB) + Antenna Factor (dB/m)$ $b) EIRP (dBm) = <math>E(dB\mu V/m) + 20logD - 104.8$; where D is the measurement distance in meters. c) ERP (dBm) = $E(dB\mu V/m) + 20logD - 104.8 - 2.15$; where D is the measurement distance in meters.
- 2) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 7) 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.
- 8) Spurious emissions shown in this section are measured while operating in EN-DC mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor). Spurious emissions from the NR carrier device is subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.
- 9) UL-MIMO and SRS 2T4R have both antennas transmitting simultaneously for radiated spurious emissions.
- 10) Only the worst-case EN-DC combination is reported for NR band n30, the other EN-DC combinations were spot-checked and not found to be worst-case.

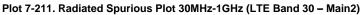
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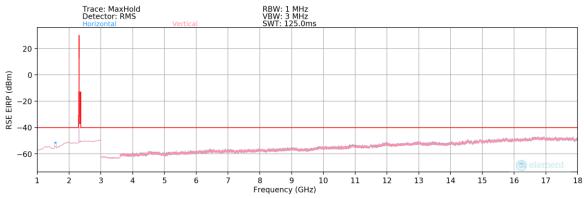
LTE Band 30 – Main2

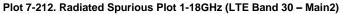


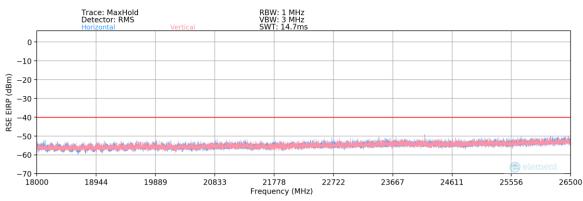


Bandwidth (MHz):		10							
Frequency (MHz):	2310.0								
RB / Offset:		1 / 25		l					
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
747.00	Н	-	-	-89.73	29.14	46.41	-51.00	-40.00	-11.00

Table 7-21. Radiated Spurious Data 30MHz-1GHz (LTE Band 30 – Mid Channel – Main2)







Plot 7-213. Radiated Spurious Plot 18-26.5GHz (LTE Band 30 - Main2)

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Bandwidth (MHz):		10							
Frequency (MHz):	ncy (MHz): 2310.0								
RB / Offset: 1/25									
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	Н	-	-	-78.73	4.20	32.47	-62.78	-40.00	-22.78
6930.00	Н	395	72	-79.65	7.12	34.47	-60.79	-40.00	-20.79
9240.00	Н	-	-	-80.34	8.30	34.96	-60.30	-40.00	-20.30
11550.00	Н	-	-	-81.92	12.12	37.20	-58.06	-40.00	-18.06
13860.00	Н	-	-	-82.57	14.42	38.85	-56.41	-40.00	-16.41
	Table 7-2	22. Radiated	Spurious Dat	a (LTE Bar	d 30 – Mid	Channel –	Main2)		

 Bandwidth (MHz):
 10

 Frequency (MHz):
 2310.0

 RB / Offset:
 1 / 25

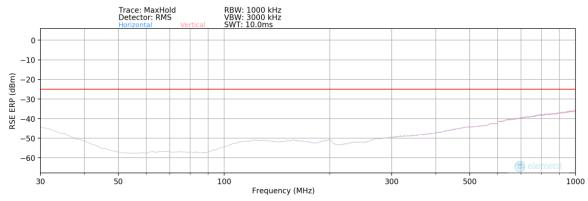
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
4620.00	V	-	-	-78.67	4.20	32.53	-62.72	-40.00	-22.72
6930.00	V	248	274	-79.83	7.12	34.29	-60.97	-40.00	-20.97
9240.00	V	-	-	-80.39	8.30	34.91	-60.35	-40.00	-20.35
11550.00	V	-	-	-81.90	12.12	37.22	-58.04	-40.00	-18.04
13860.00	V	-	-	-82.66	14.42	38.76	-56.50	-40.00	-16.50

Table 7-23. Radiated Spurious Data with WCP (LTE Band 30 - Main2)

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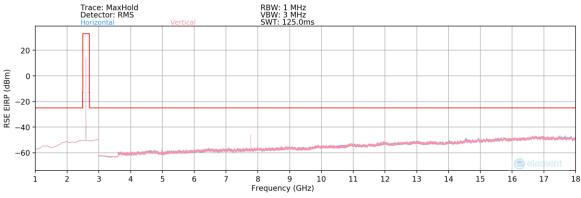
LTE Band 41(PC3) – Main2



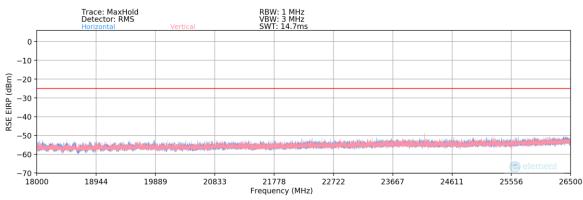


Bandwidth (MHz):		20							
Frequency (MHz):	2593.0								
RB / Offset:		1 / 50							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
116.00	V	-	-	-85.54	20.21	41.67	-55.73	-25.00	-30.73

Table 7-24. Radiated Spurious Data 30MHz-1GHz (LTE Band 41(PC3) – Mid Channel – Main2)



Plot 7-215. Radiated Spurious Plot 1-18GHz (LTE Band 41(PC3) – Main2)



Plot 7-216. Radiated Spurious Plot 18-26.5GHz (LTE Band 41(PC3) - Main2)

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Bandwidth (MHz):		20							
Frequency (MHz):	2506.0								
RB / Offset:		1/50							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5012.00	V	-	-	-77.12	8.09	37.97	-57.29	-25.00	-32.29
7518.00	V	263	130	-61.83	11.95	57.12	-38.14	-25.00	-13.14
10024.00	V	-	-	-78.47	15.58	44.11	-51.15	-25.00	-26.15
12530.00	V	-	-	-79.84	19.63	46.79	-48.46	-25.00	-23.46
15036.00	V	-	-	-80.34	21.80	48.46	-46.80	-25.00	-21.80

Table 7-25. Radiated Spurious Data (LTE Band 41(PC3) – Low Channel – Main2)

	Anton	Turntable
RB / Offset:	1/50	1
Frequency (MHz):	2593.	D
Bandwidth (MHz):	20	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5186.00	V	-	-	-77.40	8.56	38.16	-57.10	-25.00	-32.10
7779.00	V	272	132	-58.62	12.06	60.44	-34.82	-25.00	-9.82
10372.00	V	-	-	-79.72	16.41	43.69	-51.57	-25.00	-26.57
12965.00	V	-	-	-79.76	20.25	47.49	-47.76	-25.00	-22.76
15558.00	V	-	-	-79.70	23.67	50.97	-44.29	-25.00	-19.29

Table 7-26. Radiated Spurious Data (LTE Band 41(PC3) – Mid Channel – Main2)

Bandwidth (MHz):	20	
Frequency (MHz):	2680.0	
RB / Offset:	1/50	
		Turntable

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5360.00	V	-	-	-76.87	8.70	38.83	-56.42	-25.00	-31.42
8040.00	V	385	168	-64.01	12.77	55.76	-39.50	-25.00	-14.50
10720.00	V	-	-	-78.97	16.87	44.90	-50.36	-25.00	-25.36
13400.00	V	-	-	-79.72	20.11	47.39	-47.86	-25.00	-22.86
16080.00	V	-	-	-79.94	23.56	50.62	-44.63	-25.00	-19.63

Table 7-27. Radiated Spurious Data (LTE Band 41(PC3) – High Channel – Main2)

Bandwidth (MHz):		20						
Frequency (MHz):		2593.0						
RB / Offset:		1/50						
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]
5186.00	V	-	-	-77.07	8.56	38.49	-56.77	-25.00
7779.00	V	400	54	-61.52	12.06	57.54	-37.72	-25.00
10372.00	V	-	-	-79.65	16.41	43.76	-51.50	-25.00
12965.00	V	-	-	-79.82	20.25	47.43	-47.82	-25.00
15558.00	V	-	-	-79.68	23.67	50.99	-44.27	-25.00

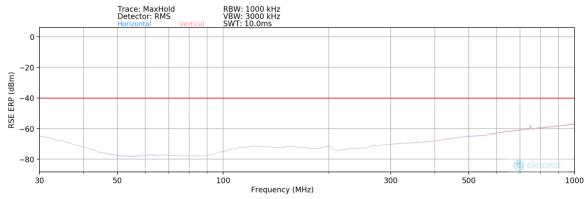
Table 7-28. Radiated Spurious Data with WCP (LTE Band 41(PC3) – Main2)

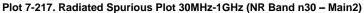
Margin [dB] -31.77 -12.72 -26.50 -22.82 -19.27

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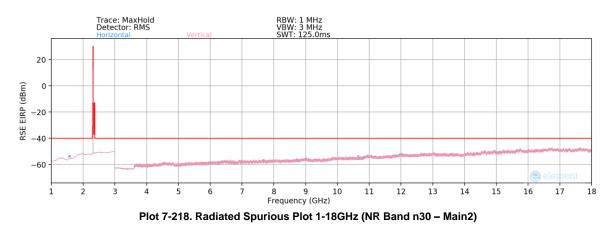
NR Band n30 – Main2





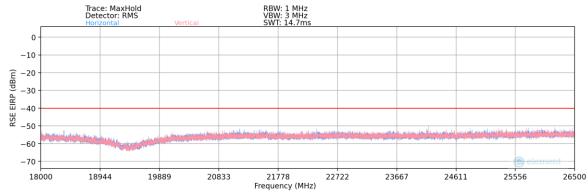
Bandwidth (MHz):		10							
Frequency (MHz):		2310.0							
RB / Offset:		1 / 26							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
749.98	Н			-89.87	29.40	46.53	-50.88	-40.00	-10.88

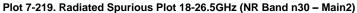
Table 7-29. Radiated Spurious Data 30MHz-1GHz (NR Band n30 – Mid Channel – Main2)



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Bandwidth (MHz):	10	
Frequency (MHz):	2310.0	
RB / Offset:	1/26	

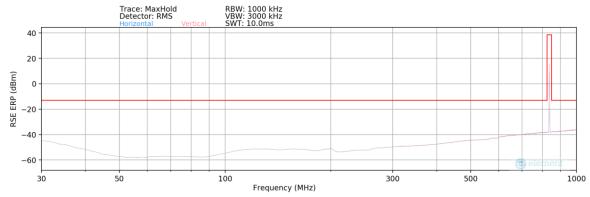
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin (dB)
4620.00	Н	-	-	-79.33	6.93	34.60	-60.66	-40.00	-20.66
6930.00	Н	-	-	-80.41	11.27	37.86	-57.40	-40.00	-17.40
9240.00	Н	-	-	-81.11	14.65	40.54	-54.72	-40.00	-14.72

Table 7-30. Radiated Spurious Data (NR Band n30 – Mid Channel – Main2)

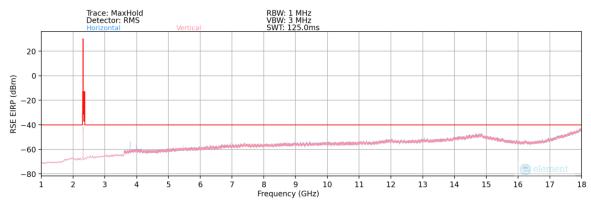
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EN-DC: NR Band n30 Main2 – LTE Band 5 Main1



Plot 7-220. Radiated Spurious Plot 30MHz-1GHz (EN-DC: NR Band n30 Main2 - LTE Band 5 Main1)



Plot 7-221. Radiated Spurious Plot 1GHz-18GHz (EN-DC: NR Band n30 Main2 – LTE Band 5 Main1)

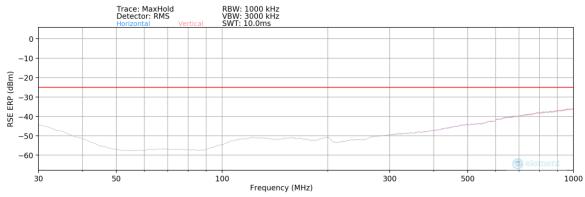
Bandwidth (MHz):		10/10							
Frequency (MHz):		2310/836.5							
RB / Offset:		1 / 26 & 1 /25							
Mode:		EN-DC							
Anchor Band:		Band 5							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	E(I)RP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
637.00	Н	-	-	-90.29	28.11	44.82	-52.59	-40.00	-12.59
3783.50	Н	126	76	-64.94	-1.50	40.56	-54.70	-40.00	-14.70
3983.00	Н	303	235	-67.26	-1.37	38.37	-56.89	-40.00	-16.89
5456.50	н	174	38	-70.40	-0.07	36.53	-58.72	-40.00	-18.72
5656.00	Н	-	-	-74.95	0.43	32.48	-62.78	-40.00	-22.78

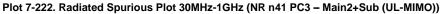
Table 7-31. Radiated Spurious Data (EN-DC: NR Band n30 Main2 – LTE Band 5 Main1)

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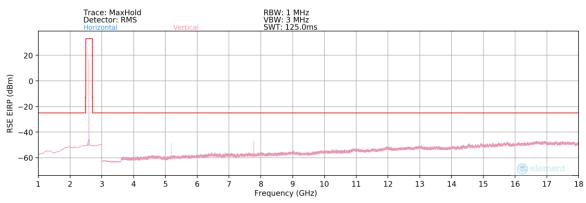
NR n41 PC3 – Main2+Sub (UL-MIMO)



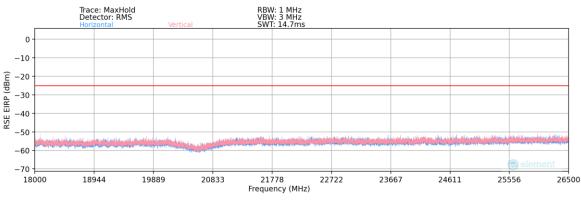


Bandwidth (MHz):		100							
Frequency (MHz):		2592.99							
RB / Offset:		1/136							
Mode:		UL-MIMO							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]

Table 7-32. Radiated Spurious Data 30MHz-1GHz (NR Band n41 PC3 - Mid Channel - Main2+Sub (UL-MIMO))







Plot 7-224. Radiated Spurious Plot 18-26.5GHz (NR Band n41 PC3 – Mid Channel – Main2+Sub (UL-MIMO))

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Bandwidth (MHz):	100
Frequency (MHz):	2546.01
RB / Offset:	1 / 136
Mode:	UL-MIMO

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.02	н	291	27	-65.53	4.49	45.96	-49.30	-25.00	-24.30
7638.03	н	386	54	-63.51	7.51	51.00	-44.26	-25.00	-19.26
10184.04	н	-	-	-79.33	10.44	38.11	-57.15	-25.00	-32.15
12730.05	н	-	-	-79.83	13.71	40.88	-54.38	-25.00	-29.38
15276.06	н	-	-	-79.95	15.91	42.96	-52.29	-25.00	-27.29

Table 7-33. Radiated Spurious Data (NR Band n41 PC3 - Low Channel - Main2+Sub (UL-MIMO))

Mode: UL-MIMO	
RB / Offset: 1 / 136	
Frequency (MHz): 2592.99	
Bandwidth (MHz): 100	

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5185.98	Н	152	312	-64.37	4.98	47.61	-47.65	-25.00	-22.65
7778.97	н	299	356	-67.88	6.85	45.97	-49.29	-25.00	-24.29
10371.96	Н	-	-	-79.54	10.55	38.01	-57.25	-25.00	-32.25
12964.95	н	-	-	-79.60	14.00	41.40	-53.85	-25.00	-28.85
15557.94	Н	-	-	-79.61	15.96	43.35	-51.91	-25.00	-26.91

Table 7-34. Radiated Spurious Data (NR Band n41 PC3 – Mid Channel – Main2+Sub (UL-MIMO))

Bandwidth (MHz):	100
Frequency (MHz):	2640.00
RB / Offset:	1/136
Mode:	UL-MIMO
Mode:	UL-MIMO

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.00	Н	249	8	-61.07	4.77	50.70	-44.56	-25.00	-19.56
7920.00	Н	177	354	-71.99	7.95	42.96	-52.30	-25.00	-27.30
10560.00	Н	-	-	-80.11	11.18	38.07	-57.19	-25.00	-32.19
13200.00	Н	-	-	-79.59	13.76	41.17	-54.09	-25.00	-29.09
15840.00	Н	-	-	-80.41	17.05	43.64	-51.61	-25.00	-26.61

Table 7-35. Radiated Spurious Data (NR Band n41 PC3 - High Channel - Main2+Sub (UL-MIMO))

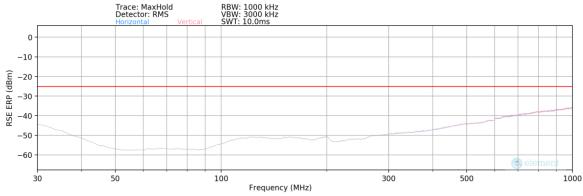
Bandwidth (MHz):	: 100								
Frequency (MHz):		2546.01							
RB / Offset:	: 1/136								
Mode:		UL-MIMO							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.02	V	368	275	-69.90	4.49	41.59	-53.67	-25.00	-28.67
7638.03	V	366	353	-76.37	7.51	38.14	-57.12	-25.00	-32.12
10184.04	V	-	-	-78.85	10.44	38.59	-56.67	-25.00	-31.67
12730.05	V	-	-	-79.74	13.71	40.97	-54.29	-25.00	-29.29
15276.06	V	-	-	-79.62	15.91	43.29	-51.96	-25.00	-26.96

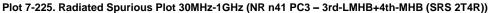
Table 7-36. Radiated Spurious Data with WCP (NR Band n41 PC3 – Low Channel – Main2+Sub (UL-MIMO))

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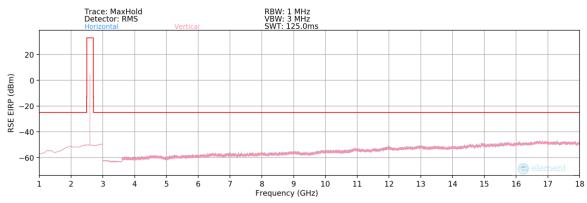
NR n41 PC3 – 3rd-LMHB+4th-MHB (SRS 2T4R)

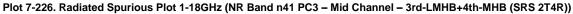


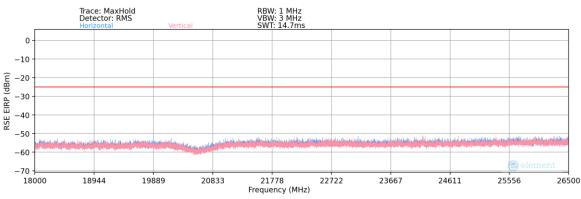


Bandwidth (MHz):		100							
Frequency (MHz):	: 2592.99								
RB / Offset:		1/136							
Mode		2T4R							
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]

Table 7-37. Radiated Spurious Data 30MHz-1GHz (NR Band n41 PC3 – Mid Channel – 3rd-LMHB+4th-MHB (SRS 2T4R))









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Bandwidth (MHz):	100
Frequency (MHz):	2546.01
RB / Offset:	1 / 136
Mode:	SRS 2T4R

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5092.02	н	143	333	-76.60	4.49	34.89	-60.37	-25.00	-35.37
7638.03	н	149	67	-71.39	7.51	43.12	-52.14	-25.00	-27.14
10184.04	Н	-	-	-78.78	10.44	38.66	-56.60	-25.00	-31.60
12730.05	Н	-	-	-80.01	13.71	40.70	-54.56	-25.00	-29.56
15276.06	Н	-	-	-79.37	15.91	43.54	-51.71	-25.00	-26.71

Table 7-38. Radiated Spurious Data (NR Band n41 PC3 - Low Channel - 3rd-LMHB+4th-MHB (SRS 2T4R))

Bandwidth (MHz):	100	
Frequency (MHz):	2592.99	
RB / Offset:	1/136	
Mode:	SRS 2T4R	
		Turnitable

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5185.98	Н	-	-	-76.88	4.98	35.10	-60.16	-25.00	-35.16
7778.97	Н	-	-	-77.26	6.85	36.59	-58.67	-25.00	-33.67
10371.96	Н	-	-	-79.55	10.55	38.00	-57.26	-25.00	-32.26

Table 7-39. Radiated Spurious Data (NR Band n41 PC3 - Mid Channel - 3rd-LMHB+4th-MHB (SRS 2T4R))

Bandwidth (MHz):	100
Frequency (MHz):	2640.00
RB / Offset:	1/136
Mode:	SRS 2T4R

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
5280.00	н	-	-	-76.90	4.77	34.87	-60.39	-25.00	-35.39
7920.00	н	-	-	-78.02	7.95	36.93	-58.33	-25.00	-33.33
10560.00	Н	-	-	-80.17	11.18	38.01	-57.25	-25.00	-32.25

Table 7-40. Radiated Spurious Data (NR Band n41 PC3 - High Channel - 3rd-LMHB+4th-MHB (SRS 2T4R))

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