

BAND 48. 20 M_BandEdge(Lower)_Low_3560 MHz_QPSK_Full RB_2





Center Freq 3.560000000 GHz Center Freq: 3.66000000 GHz Radio Std: None Radio Device: BTS PASS Ref Offset 32.18 dB Center Freq: 3.66000000 GHz Radio Device: BTS Radio Device: BTS 0 dB/div Ref Offset 32.18 dB Center Freq: 3.66000000 GHz Radio Device: BTS Radio Device: BTS 0 dB/div Ref Offset 32.18 dB Center Freq: 3.66000000 GHz Ref Offset 32.18 dB Center Freq: 3.56000000 GHz 0 dB/div Ref Offset 32.18 dB Center Freq: 3.56000000 GHz Ref Offset 32.18 dB Center Freq: 3.56000000 GHz 0 dD do:		m Analyzer - Spectrum								- 6 🔀
Center 3.56 GHz Center 3.56 GHz Center 3.56 GHz Span 80 MHz Total Power Ref 22.84 dBm / 20 MHz 20 MHz<	LXIRL Contor Ero		-	Cen						Frequency
Ref Offset 32.18 dB Center Freq 10 dE/div Ref Offset 32.18 dB 0 dE/div Ref 30.0 dBm 10 dE/div Ref 30.0 dBm 20 de/div Span 80 MHz 20 de/div Span		q 3.5600000	UU GHZ	Trig	: Free Run				Sta. None	
10 dB/div Ref 30.0 dBm Log Network 20.0 Absolute Lind 20.0 CF Step 20.0 Max Span 80 MHz 20.000 MHz Alim(dB) Freq (Hz) dBm Alim(dB) Freq (Hz) 30.00 MHz 10.00 MHz Alim(dB) Freq (Hz) Max Max 30.00 MHz 10.00 MHz Alim(dB) Freq (Hz) Max Max 30.00 MHz <	PASS		IFGain:Lo	w #Att	en: 10 dB			Radio	Device: BTS	
10 dB/div Ref 30.0 dBm Log Network 20.0 Absolute Lind 20.0 CF Step 20.0 Max Span 80 MHz 20.000 MHz Alim(dB) Freq (Hz) dBm Alim(dB) Freq (Hz) 30.00 MHz 10.00 MHz Alim(dB) Freq (Hz) Max Max 30.00 MHz 10.00 MHz Alim(dB) Freq (Hz) Max Max 30.00 MHz <		Ref Offset 32	18 dB							
20 20 <td< td=""><td>10 dB/div</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	10 dB/div									
10.0 3.56000000 GHz 10.0 3.56000000 GHz 10.0 4.000 Hz 10.0 4.000 HHz 10.0 4.000 HHz 10.0 4.000 HHz 10.0 4.000 HHz 10.0 Hz 10.0 Hz 10.0 Hz 10.0 Hz 10.0 Hz 10.00 HHz 1.000 HHz 10.00 HHz 1.000 HHz 10.00 HHz 1.000 HHz 10.00 HHz 1.000 HHz 10.00 Hz 1.000 Hz									Relative Limit	
000 000	20.0									
1000 Absolute Lint 200 Absolute Lint 300 Absolute Lint 300 Spectral 400 Spectral 500 Spectral 600 Spectral Start Freq Stap Freq 11.00 MHz 200 KHz 11.00 MHz 1000 MHz	10.0									3.560000000 GHz
.100	0.00			monimum	mm	*****				
200 Absolute Limit 300 Absolute Limit 400 Spectrum 400 Spectrum 400 Spectrum 500 Span 80 MHz 600 Span 80 MHz 700 Man 10.00 MHz 11.00 MHz 11.00 MHz 200.0 kHz 11.00 MHz 10.00 MHz 30.00 MHz 10.00 MHz 40.00 MHz										
30.0 Absolute Link 40.0 Spectrum 50.0 Spectrum 50.0 Spectrum 50.0 Spectrum 50.0 Spectrum 50.0 Spectrum 60.0 Spectrum 60.0 Spectrum Center 3.56 GHz Span 80 MHz Total Power Ref 22.84 dBm / 20 MHz 10.00 MHz 11.00 MHz 11.00 MHz 20.00 kHz 11.00 MHz 20.00 kHz 11.00 MHz 10.00 MHz 30.00 MHz 1.000 MHz 4.000 MHz 1.000 MHz 1.000 MHz	-10.0									
30.0 40.0 Spectrar 40.0 Spectrar 50.0 Spectrar 50.0 Span 80 MHz 60.0 Span 80 MHz Center 3.56 GHz Span 80 MHz Total Power Ref 22.84 dBm / 20 MHz Start Freq Stop Freq 11.00 MHz 10.00 MHz 11.00 MHz 10.00 MHz 30.00 MHz 1.000 MHz 4.000 MHz 1.000 MHz 4.000 MHz 1.000 MHz 4.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 4.000 MHz 1.000 MHz 4.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz 1.000 MHz	-20.0								Absolute Limit	
40.0	-30.0									
-50.0 -60.0 -70.0 -						1				
-50.0 Image: Solution in the image: Solution		inner	**************************************	<i>**</i>		`			Spectrum	
Center 3.56 GHz Span 80 MHz Total Power Ref 22.84 dBm / 20 MHz Start Freq Stop Freq Start Freq Stop Freq 10.00 MHz 11.00 MHz 11.00 MHz 1000 MHz 30.00 MHz 1.000 MHz 4.000 MHz 1.000 MHz 12.50 MHz () 12.50 MHz 1.000 MHz	-50.0 -50.0	And								
Center 3.56 GHz Span 80 MHz Total Power Ref 22.84 dBm / 20 MHz Start Freq Stop Freq Start Freq Stop Freq 10.00 MHz 11.00 MHz 11.00 MHz 1000 MHz 30.00 MHz 1.000 MHz 4.000 MHz 1.000 MHz 12.50 MHz	-60.0									
Center 3.30 GH2 Span 30 MH2 Total Power Ref 22.84 dBm / 20 MHz Lower < Peak >> Upper Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) 0 Hz 10.00 MHz 11.00 MHz 200.0 kHz -33.91 (-20.91) 10.00 M 1 30.00 MHz 30.00 MHz 1.000 MHz										CF Step
Lower <- Peak > Upper Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) 0 Hz 10.00 MHz 11.00 MHz 200.0 kHz -33.91 (-20.91) 10.00 M 1 11.00 MHz 30.00 MHz 1.000 MHz () -33.13 (-20.91) 10.00 M 1 30.00 MHz 1.000 MHz () -42.13 (-17.13) 30.55 M 4.000 MHz 8.000 MHz 1.000 MHz () () <td>Center 3.56</td> <td>6 GHz</td> <td></td> <td>;</td> <td>i</td> <td>;</td> <td>;</td> <td></td> <td>Span 80 MHz</td> <td></td>	Center 3.56	6 GHz		;	i	;	;		Span 80 MHz	
Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) GBm ΔLim(dB) Freq (Hz) O Hz O Hz 10.00 MHz 11.00 MHz 200.0 kHz () -33.91 (-20.91) 10.00 M 10.00 M 11.00 M 11.00 M 11.00 MHz 10.00 MHz										<u>Auto</u> Man
Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) GBm ΔLim(dB) Freq (Hz) O Hz O Hz 10.00 MHz 11.00 MHz 200.0 kHz () -33.91 (-20.91) 10.00 M 10.00 M 11.00 M 11.00 M 11.00 MHz 10.00 MHz	Total Powe	r Ref 22.8/	4 dBm / 20	MHz						
Start Freq Stop Freq Integ BW dBm ΔLim(dB) Freq (Hz) dBm ΔLim(dB) Freq (Hz) 0 Hz 10.00 MHz 11.00 MHz 200.0 kHz () -33.91 (-20.91) 10.00 M 11.00 M 11.00 MHz 10.00 MHz 1.000 MHz <	lotari ono	22.0		WIT IZ						Freg Offset
10.00 MHz 11.00 MHz 200.0 kHz () -33.91 (-20.91) 10.00 M 11.00 MHz 30.00 MHz 1.000 MHz () -33.13 (-20.13) 11.00 M 30.00 MHz 40.00 MHz 1.000 MHz () -33.13 (-20.13) 11.00 M 4.000 MHz 40.00 MHz 1.000 MHz () -42.13 (-17.13) 30.55 M 4.000 MHz 8.000 MHz 1.000 MHz () 8.000 MHz 12.50 MHz 1.000 MHz ()					Lower		<- Peak ->	Upper		0 Hz
11.00 MHz 30.00 MHz 1.000 MHz () -33.13 (-20.13) 11.00 M II 30.00 MHz 40.00 MHz 1.000 MHz () -42.13 (-17.13) 30.55 M 4.000 MHz 8.000 MHz 1.000 MHz () 8.000 MHz 12.50 MHz 1.000 MHz ()	Start Freq	Stop Freq	Integ BW	dBm	$\Delta Lim(dB)$	Freq (Hz)	dBm	∆Lim(dB)	Freq (Hz)	
30.00 MHz 40.00 MHz 1.000 MHz () -42.13 (-17.13) 30.55 M 4.000 MHz 8.000 MHz 1.000 MHz () 8.000 MHz 12.50 MHz 1.000 MHz ()		11.00 MHz	200.0 kHz		()		-33.91	(-20.91)	10.00 M 🔶	
4.000 MHz 8.000 MHz 1.000 MHz () () 8.000 MHz 12.50 MHz 1.000 MHz () ()										
8.000 MHz 12.50 MHz 1.000 MHz () ()							-42.13		30.55 M	
ASG STATUS	8.000 MHz	12.50 MHz	1.000 MHz		()			()		
	MSG						s	STATUS		

BAND 48. 20 M_BandEdge(Upper)_Low_3560 MHz_QPSK_Full RB





	m Analyzer - Spectrum								
Center Fre	RF 50 Ω A q 3.5600000	-	Ce	SENSE:INT	560000000 GH	ALIGN AU		:25 PM May 23, 2024 Std: None	Frequency
PASS	901000000			g: Free Run tten: 10 dB	Avg: 1	100.00% of 1		Device: BTS	
		IFGain:Lov	<u> *</u> ^	tten. 10 dB			Raulo	Device. B13	
10 dB/div	Ref Offset 32. Ref 30.0 dB								
Log								Associate Limit	
20.0			<u> </u>						Center Freq
10.0									3.560000000 GHz
0.00									
			l l						
-10.0			/\						
-20.0									
-30.0									
-40.0		and have	~~~/ h						
-50.0				month	www. Howwww.	manghistory	A		
						· · · · · · · · · · · · · · · · · · ·	homen	Spectrum	
-60.0									CF Step
Center 3.56	CH7							pan 100 MHz	10.000000 MHz
Genter 5.50	/ 6/12							5411 100 Mil12	<u>Auto</u> Man
Total Powe	r Dof 22.6	1 dBm / 20 M	MHz						
TOtal Fowe	KGI 23.0		VINZ						Freq Offset
				Lower		Peak ->	Upper		0 Hz
Start Freq	Stop Freq	Integ BW	dBm	$\Delta Lim(dB)$	Freq (Hz)	dBm	∆Lim(dB)	Freq (Hz)	
10.00 MHz	11.00 MHz	200.0 kHz	-31.42	(-18.42)	-10.01 M		()	^	
11.00 MHz	30.00 MHz	1.000 MHz	-30.55	(-17.55)	-17.75 M		()	=	
20.00 MHz 30.00 MHz	30.00 MHz 50.00 MHz	1.000 MHz 1.000 MHz	-37.25 -43.03	(-12.25) (-3.03)	-20.50 M -30.30 M		() ()		
20.00 MHz	20.00 MHz	1.000 MHz	-43.03	(-3.03) ()	-30.30 W		() ()		
MSG						CT	ATUS	-	
Mod						51	105		

BAND 48. 20 M_BandEdge(Lower)_Low_3560 MHz_QPSK_1RB







BAND 48. 20 M_BandEdge(Upper)_Low_3560 MHz_QPSK_1RB



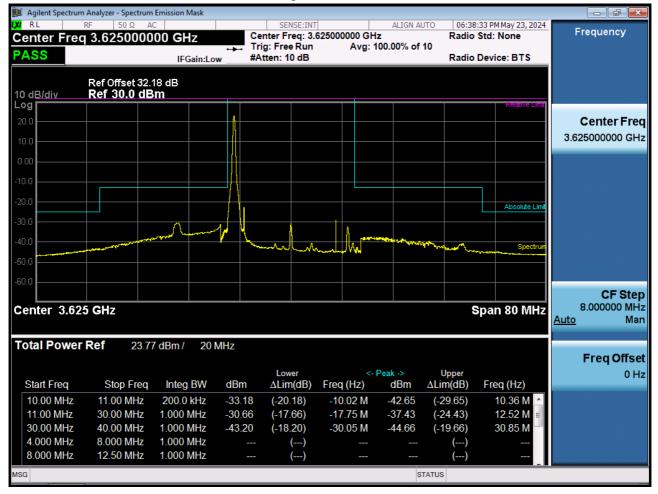




BAND 48. 20 M_BandEdge(Center)_Mid_3625 MHz_QPSK_Full RB







BAND 48. 20 M_BandEdge(Lower)_Mid_3625 MHz_QPSK_1RB



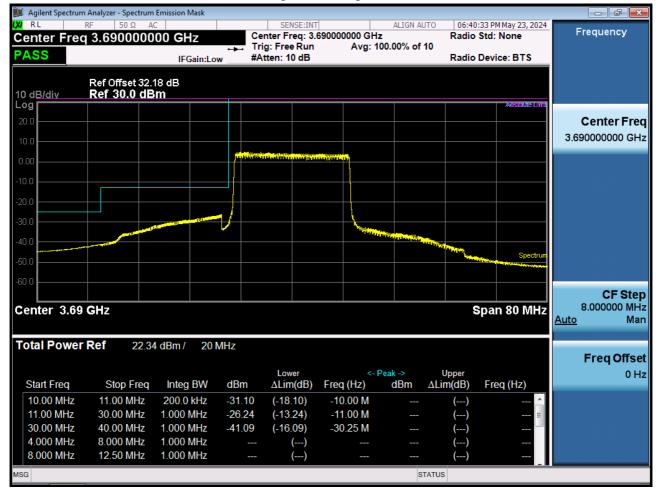




BAND 48. 20 M_BandEdge(Upper)_Mid_3625 MHz_QPSK_1RB







BAND 48. 20 M_BandEdge(Lower)_High_3690 MHz_QPSK_Full RB



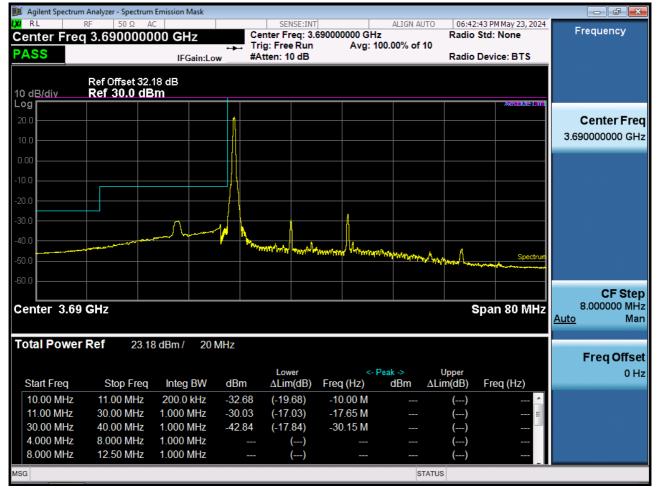




BAND 48. 20 M_BandEdge(Upper)_High_3690 MHz_QPSK_Full RB

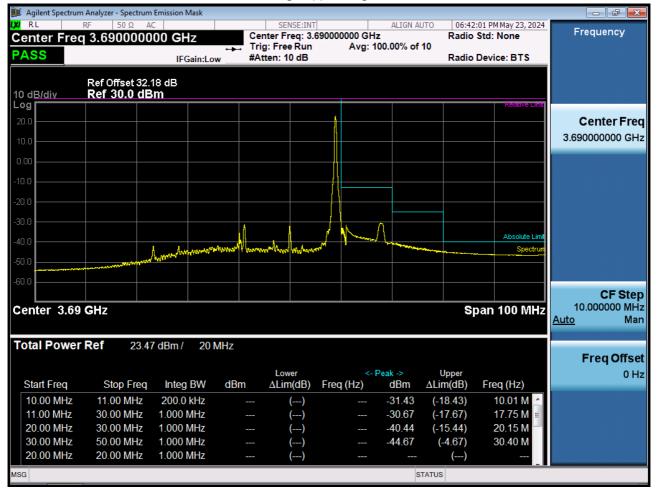






BAND 48. 20 M_BandEdge(Lower)_High_3690 MHz_QPSK_1RB





BAND 48. 20 M_BandEdge(Upper)_High_3690 MHz_QPSK_1RB



	Analyzer - Swept S	5A								- ē 🗙
		AC		SEN	SE:INT		ALIGN AUTO		M May 23, 2024	Frequency
Center Fred	5.015000	PNC):Fast ↔ in:Low	Trig: Free #Atten: 10		#Avg Ty	pe:RMS	TYP	E 1 2 3 4 5 6 E A WWWW T A A A A A A A	
10 dB/div R	ef 0.00 dBi	m					M	(r1 3.173 -77.73	3 5 GHz 32 dBm	Auto Tune
-10.0 -20.0 -30.0			⊘ 2							Center Freq 5.015000000 GHz
-40.0 -50.0 -60.0										Start Freq 30.000000 MHz
-70.0 -80.0 -90.0					ing a start of the second s					Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0) MHz	X	#VB۱	N 3.0 MHz	FUN		Sweep 17	.33 ms (2	.000 GHz 0001 pts)	CF Step 997.000000 MHz <u>Auto</u> Man
1 N 1 1 2 N 1 3 3 4 5	f	3.173 5 3.550 9	GHz GHz	-77.732 dE -8.888 dE	Bm					Freq Offset 0 Hz
6 7 8 9 10 11										
< ISG				III			STATU	S	•	

BAND 48. Conducted Spurious Plot 1 (5 MHz Ch.55265 QPSK RB 1, Offset 0)





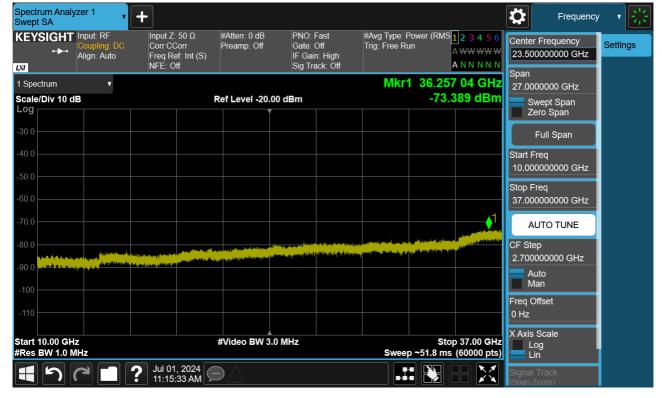
BAND 48. Conducted Spurious Plot 2 (5 MHz Ch. 55265 QPSK RB 1, Offset 0)



Center Freq :			SENSE:INT	r				
Center Freq	5 015000000		DENDERIT		ALIGN AUTO	04:04:20 PM May 23	3, 2024	Frequency
	0.010000000	GHz PNO: Fast ↔ IFGain:Low	Trig: Free Run #Atten: 10 dB		Type: RMS	TRACE 1 2 3 TYPE A W DET A A A	MANNAN	
10 dB/div Ref	f 0.00 dBm				Mk	r1 3.183 5 G -77.632 d	iHz Bm	Auto Tune
-10.0 -20.0 -30.0		2 						Center Freq 5.015000000 GHz
-40.0 -50.0 -60.0								Start Freq 30.000000 MHz
-70.0 -80.0 -90.0							RMS .	Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 F		#VBW	3.0 MHz	FUNCTION	Sweep 17	Stop 10.000 (.33 ms (20001	pts) A	CF Step 997.000000 MHz <u>uto</u> Man
I N 1 f 2 N 1 f 3 - - - 4 - - - 5 - - - 6 - - - 7 - - - 8 - - - 9 - - - 10 - 11 -	3.1	83 5 GHz 23 7 GHz	-77.632 dBm -8.948 dBm		Poweriow with the	Power How Walco		Freq Offset 0 Hz
•			III)	
MSG					STATUS	6		

BAND 48. Conducted Spurious Plot 1 (5 MHz Ch.55990 QPSK RB 1, Offset 0)





BAND 48. Conducted Spurious Plot 2 (5 MHz Ch. 55990 QPSK RB 1, Offset 0)



	rum Analyzer - Sw	•										
X/RL	RF 50 S				SEN	SE:INT		ALIGN A			M May 23, 2024	
Center Fr	eq 5.0150		HZ PNO: Fast FGain:Low	-	rig: Free Atten: 10		#Avg	Type: RMS	5	TRAC TYI DI	CE 1 2 3 4 5 PE A WWWW ET A A A A A A	Ă
10 dB/div Log	Ref 0.00 d	IBm							Mkı	1 3.18 -77.6	9 0 GHz 35 dBm	Auto Tur
-10.0 -20.0 -30.0)2 								Center Fre 5.015000000 GF
-40.0 -50.0 -60.0												Start Fre 30.000000 Mi
-70.0 -80.0 -90.0			••••••••••••••••••••••••••••••••••••••			in a start and a start of the s					RMS	Stop Fre 10.000000000 GH
Start 30 M #Res BW	1.0 MHz	X	#V	BW 3.	0 MHz	ELIN	CTION	Sweep		33 ms (2	.000 GHz 0001 pts	CF Ste 997.000000 Mł <u>Auto</u> Ma
1 N 1 2 N 1 3 4 5		3.18	9 0 GHz 6 0 GHz	-7	7.635 dB 9.554 dB	m				Token		Freq Offs 0 F
6 7 8 9 10 11												
<					III			s	STATUS		4	

BAND 48. Conducted Spurious Plot 1 (5 MHz Ch.56715 QPSK RB 1, Offset 0)





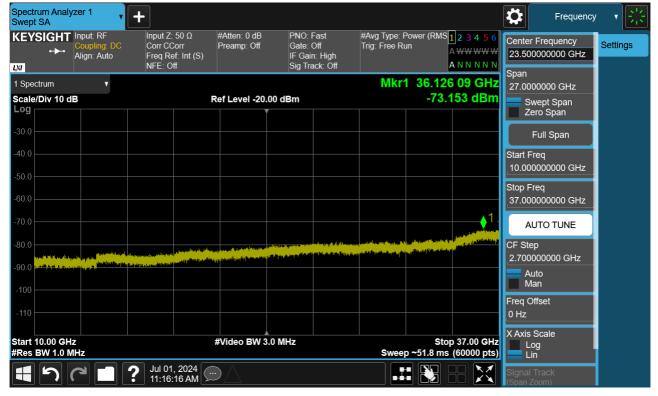
BAND 48. Conducted Spurious Plot 2 (5 MHz Ch. 56715 QPSK RB 1, Offset 0)



		zer - Swept S/									1			
enter F	RF			211-7		SENS	E:INT	#Avo	ALIGN A			M May 23, 202		quency
	164 5.0	515000		PNO: Fa	ist ⊶► ow	Trig: Free #Atten: 10					TY		₩-	
	Dof 0	00 dBn								Mkı	1 3.05	79 GH: 03 dBn		Auto Tuno
l0 dB/div -og	Reiu	.00 dBn	11		⟨ <mark>⟩</mark> 2									
·10.0													Ce	enter Fre
20.0													5.0150	00000 GH
30.0														
40.0														
50.0														Start Fre
50.0 50.0													30.0	00000 MH
				. 1										
70.0												RM		Stop Fre
80.0													10.0000	000000 GH
90.0														
tart 30 I	MHz									l	Stop 10	.000 GHz	2	CF Ste
Res BW		Iz		#	VBW	3.0 MHz			Sweep) 17.	33 ms (2	0001 pts	997.0	00000 MH
IKR MODE T	RC SCL		х			Y		NCTION	FUNCTION \	NIDTH	FUNCTI	ON VALUE	Auto	Ma
	1 f 1 f		3.0	79 GH	z	-77.803 dB	m							
2 N 1			3.50	51 4 GH	2	-8.740 dB	m						FI	req Offse
4 5					_									0 H
6														
7 8										\rightarrow				
9														
10													-	
						III						•		
SG									9	STATUS				

BAND 48. Conducted Spurious Plot 1 (10 MHz Ch.55290 QPSK RB 1, Offset 0)





BAND 48. Conducted Spurious Plot 2 (10 MHz Ch. 55290 QPSK RB 1, Offset 0)



		zer - Swept SA								
RL	RF	50 Ω AC			SENSE:I		ALIGN AUTO		May 23, 2024	Frequency
enter F	req 5.u	1500000	PNO: Fast IFGain:Low		ig: Free Ru Atten: 10 dE	in	g Type. Kwo	TYP	T A A A A A A A	
I0 dB/div	Ref 0	.00 dBm					М	kr1 3.171 -77.80	0 GHz 00 dBm	Auto Tune
- og 10.0 20.0 30.0				2						Center Fred 5.015000000 GH
-40.0 -50.0 -60.0										Start Free 30.000000 MH
70.0 80.0 90.0									RMS	Stop Free 10.000000000 GH
Start 30 F Res BW	1.0 MH	z ×		3W 3.0	MHz	FUNCTION	Sweep 1	7.33 ms (2	000 GHz 0001 pts)	CF Stej 997.000000 MH <u>Auto</u> Ma
1 N 2 N 3 4 5			3.171 0 GHz 3.621 2 GHz	-77.	800 dBm 741 dBm	Policition		PONCHC	E	Freq Offse 0 H
6 7 8 9 10 11										
sg							STAT		•	
							STAT	03		

BAND 48. Conducted Spurious Plot 1 (10 MHz Ch.55990 QPSK RB 1, Offset 0)





BAND 48. Conducted Spurious Plot 2 (10 MHz Ch. 55990 QPSK RB 1, Offset 0)



	pectrum Analy										
RL	RF	50 Ω AC			SENSE:I			ALIGN AUTO		M May 23, 2024	Frequency
enter	Freq 5.0	01500000	D GHZ PNO: Fast IFGain:Low	· • • • •	Trig: Free Ru #Atten: 10 dB	n	vgiyp	e: RMS	TY	CE 1 2 3 4 5 6 DE A WWWW A A A A A A A	
0 dB/div	Ref 0	.00 dBm						Mk	r1 3.16 -77.6	51 GHz 64 dBm	Auto Tun
og 10.0 20.0				∕ <mark>2</mark>							Center Fre 5.015000000 GH
30.0 40.0 50.0 60.0											Start Fre 30.000000 MH
70.0			¹							RMS	Stop Fre 10.000000000 GH
	N 1.0 MH		#V	BW (3.0 MHz			-	.33 ms (2	.000 GHz 0001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
	1 f	X	3.165 1 GHz 3.691 5 GHz		Y 77.664 dBm 11.521 dBm	FUNCTION	FUN	ICTION WIDTH	FUNCTION		Freq Offse 0 H
6 7 8											
9				_							

BAND 48. Conducted Spurious Plot 1 (10 MHz Ch. 56690 QPSK RB 1, Offset 0)





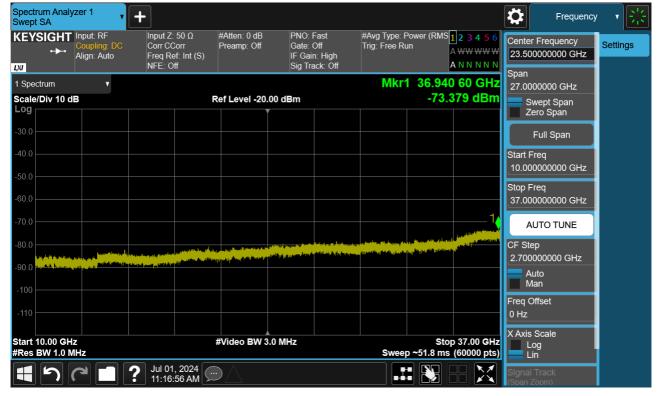
BAND 48. Conducted Spurious Plot 2 (10 MHz Ch. 56690 QPSK RB 1, Offset 0)



RL											
	RF 50				SENSE	E:INT	#Avg Typ	ALIGN AUTO		M May 23, 2024	Frequency
enter	Freq 5.0150	00000	GHZ PNO: Fas IFGain:Lo	st ⊶⊷ ∋w	Trig: Free R #Atten: 10 c		#Avg iyp	e. Rivis	TYF		
0 dB/div	Ref 0.00 (dBm						Mk	(r1 3.171 -77.5	l 0 GHz 62 dBm	Auto Tun
. og 10.0 20.0 30.0				∑2							Center Fre 5.015000000 G⊦
40.0 50.0 50.0											Start Fre 30.000000 M⊦
70.0			↓ ¹ -							RMS	Stop Fre 10.000000000 GF
tort 20											
Res BV	MHz V 1.0 MHz		#	VBW	3.0 MHz			-	.33 ms (2		997.000000 MH
Res BV	V 1.0 MHz	× 3.4 3.4	# 171 0 GHz 551 4 GHz		3.0 MHz Y -77.562 dBn -8.309 dBn	FUNCT n n		weep 17	.33 ms (2	.000 GHz 0001 pts) DN VALUE	997.000000 Mł <u>Auto</u> Ma Freq Offs
Res BV		3.1	171 0 GHz		۲ -77.562 dBn	n		-	.33 ms (2	0001 pts)	997.000000 MH <u>Auto</u> Ma Freq Offso
Res BV KR MODE 1 N 2 N 3 4 5 5 6 6 7 7 8 9 0 9		3.1	171 0 GHz		۲ -77.562 dBn	n		-	.33 ms (2	0001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma Freq Offso 0 H

BAND 48. Conducted Spurious Plot 1 (15 MHz Ch.55315 QPSK RB 1, Offset 0)





BAND 48. Conducted Spurious Plot 2 (15 MHz Ch. 55315 QPSK RB 1, Offset 0)

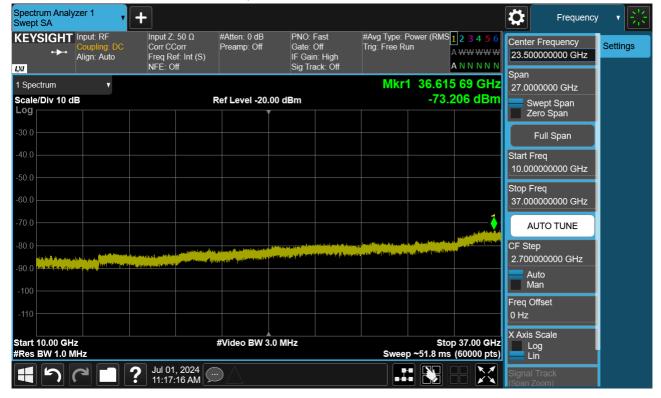


10 A 11 A 14

		nalyzer - Sv	•												
enter	Fred			0 GH	Z			SE:INT	#Av		ALIGN AUTO e: RMS	TR	PM May 23, 20	6 Fre	quency
				PN	O: Fast ain:Lov		Trig: Free #Atten: 10							A	
0 dB/div	Re	f 0.00	dBm								M		68 1 GH 730 dBr	2	Auto Tun
og 10.0					<	} 2									enter Fre 000000 G⊦
io.o io.o io.o															Start Fre
70.0					• ¹								R	10.000	Stop Fre 000000 G⊦
tart 30 Res B\	W 1.0				#\	′BW	3.0 MHz				-	'.33 ms (0.000 GH 20001 pts	z 5) 997. <u>Auto</u>	CF Ste 000000 MH Ma
	TRC SCI 1 f 1 f		X	<u>3.168 1</u> 3.619 2	GHz GHz		Y -77.730 dB -8.388 dB	m	NCTION	FUN	ICTION WIDTH	FUNC	TION VALUE	F	req Offso 0 H
6 7 8 9 0															
1							III						•	•	

BAND 48. Conducted Spurious Plot 1 (15 MHz Ch.55990 QPSK RB 1, Offset 0)





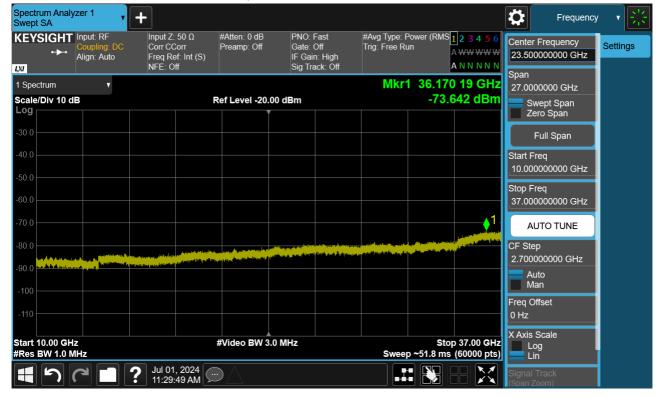
BAND 48. Conducted Spurious Plot 2 (15 MHz Ch. 55990 QPSK RB 1, Offset 0)



		alyzer - Swept	SA										
RL	RF	50 Ω	AC			SENS	E:INT	#0.00	ALIGN			PM May 23, 2024 CE <mark>1 2 3 4 5</mark> (
Center F	-req 5	.01500	0000	GHZ PNO: Fast	-	Trig: Free F		#Avg	Type: Ri	vis	TY	PE A WWWW	+
	_			IFGain:Lov	N	#Atten: 10 d	dB						Auto Tu
										Mk		6 1 GHz	
10 dB/div	Ref	0.00 dB	m								-77.6	17 dBm	
- ^{og} 🔽					∕ <mark>)2</mark>								
10.0					Y								Center Fr
20.0													5.015000000 G
30.0													
40.0													04
50.0													Start Fr
													30.000000 M
60.0													
70.0				↓ 1.									Stop Fr
80.0				- All and a second second	\sim			-				RMS	10.000000000 G
90.0													10.000000000000
start 30									_	. –	Stop 10	0.000 GHz	CF St
Res BM	/ 1.0 N	IHZ		#\	/BW	3.0 MHz			Swee	ep 17	.33 ms (2	20001 pts)	997.000000 M Auto N
			Х			Y		CTION	FUNCTIO	N WIDTH	FUNCT	ION VALUE	Auto
	1 f 1 f		3.3	306 1 GHz 386 5 GHz		-77.617 dBn -11.504 dBn	n						
3	' '		5.0			-11.504 UDI							Freq Offs
4 5													0
6												=	
7													
8													
10													J
1													
sg										STATUS			
										STATUS	'		

BAND 48. Conducted Spurious Plot 1 (15 MHz Ch.56665 QPSK RB 1, Offset 0)





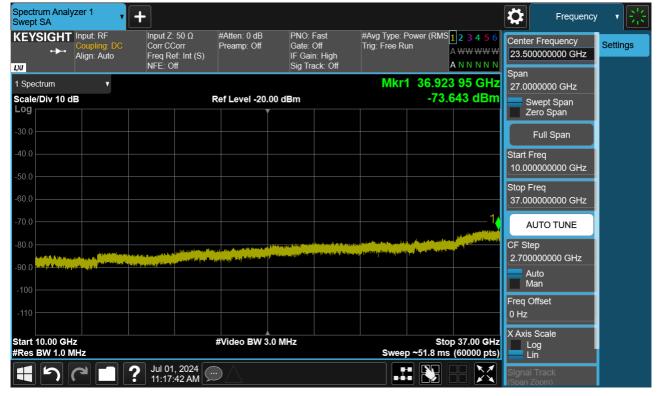
BAND 48. Conducted Spurious Plot 2 (15 MHz Ch. 56665 QPSK RB 1, Offset 0)



	ectrum Analyz										
RL	RF	50 Ω AC			SENSE:IN			ALIGN AUTO e: RMS		PM May 23, 2024 CE <mark>1 2 3 4 5</mark> 6	Frequency
enter i	-req 5.u	01500000	J GHZ PNO: Fast IFGain:Low		: Free Run en: 10 dB		vg iyp	e. Rivis	TY		
0 dB/div	Ref 0	.00 dBm	,					Mł		8 8 GHz 10 dBm	Auto Tun
. og 10.0 20.0 30.0				2							Center Fre 5.015000000 GH
40.0 50.0 50.0											Start Fre 30.000000 M⊦
70.0 30.0 90.0			1							RMS	Stop Fre 10.000000000 G⊦
	V 1.0 MH		#V	BW 3.0 I				-	.33 ms (2	0.000 GHz 20001 pts)	CF Ste 997.000000 MH Auto Ma
	TRC SCL 1 f 1 f		9.428 8 GHz 9.551 9 GHz	۲ -77.1 -9.2	10 dBm 38 dBm	FUNCTION	FUN	ICTION WIDTH	FUNCTI	ON VALUE	FreqOffse 0⊦
6 7											
8 9 0											
					11					-	

BAND 48. Conducted Spurious Plot 1 (20 MHz Ch.55340 QPSK RB 1, Offset 0)





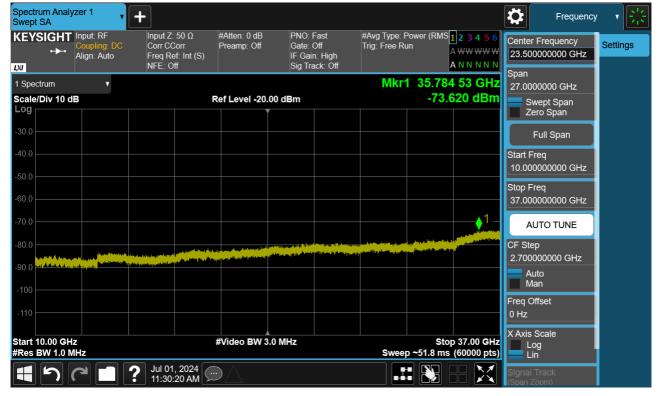
BAND 48. Conducted Spurious Plot 2 (20 MHz Ch. 55340 QPSK RB 1, Offset 0)



	trum Analyze	r - Swept SA									
KI RL	RF	50 Ω AC			SENSE	INT		ALIGN AUTO		M May 23, 2024	Frequency
Center Fr	eq 5.0′	1500000	0 GHz PNO: Fast IFGain:Low		rig: Free R Atten: 10 d		#Avg	Type: RMS	TY	E 1 2 3 4 5 6 E A WWWW T A A A A A A	
10 dB/div	Ref 0.0	00 dBm						M	kr1 5.64 -77.7	3 6 GHz 72 dBm	Auto Tune
-10.0 -20.0 -30.0				2							Center Fred 5.015000000 GHz
-40.0 -50.0 -60.0											Start Free 30.000000 MH;
-70.0 -80.0 -90.0				~~~		1-				RMS	Stop Freq 10.000000000 GHz
Start 30 N #Res BW	1.0 MHz	×		BW 3.0	0 MHz	ELING		Sweep 17	7.33 ms (2	.000 GHz 0001 pts)	CF Step 997.000000 MH: <u>Auto</u> Mar
1 N 1 2 N 1 3 4 5 6	f		5.648 6 GHz 3.616 7 GHz	-77 -7	.772 dBm .865 dBm						Freq Offsel 0 Hz
7 8 9 9 9 10 10 11 1 9 10 10 10 10 10 10 10 10 10 10 10 10 10											
ISG								STATU	s		
	_							21/110			

BAND 48. Conducted Spurious Plot 1 (20 MHz Ch.55990 QPSK RB 1, Offset 0)





BAND 48. Conducted Spurious Plot 2 (20 MHz Ch. 55990 QPSK RB 1, Offset 0)



	ectrum Analyzer	•									
RL Center	_R Freq 5.01	50 Ω AC 5000000	GHz PNO: Fast		SENSE:		#Avg T	ALIGN AUTO	TRAC	M May 23, 2024 E 1 2 3 4 5 6 E A WWWWW	Frequency
0 dB/div	Ref 0.0	0 dBm	IFGain:Low		#Atten: 10 df			MI	(r1 3.179	0 GHz 9 dBm	Auto Tun
og 10.0 20.0 30.0				} 2							Center Fre 5.015000000 GH
40.0 50.0 60.0											Start Fre 30.000000 MH
70.0 30.0 30.0			1 							RMS	Stop Fre 10.000000000 GF
tart 30 Res BV	1.0 MHz	X	#V	BW	3.0 MHz	FUNC	TION	Sweep 17	.33 ms (2	.000 GHz 0001 pts)	CF Ste 997.000000 MH <u>Auto</u> Ma
1 N 2 N 3 4 5 5	1 f	3.	179 0 GHz 682 0 GHz		-77.689 dBm -9.284 dBm					E	Freq Offs 0 F
6 7 8 9 0											
					ш			STATU		•	
G								STATU	>		

BAND 48. Conducted Spurious Plot 1 (20 MHz Ch.56640 QPSK RB 1, Offset 0)





BAND 48. Conducted Spurious Plot 2 (20 MHz Ch. 56640 QPSK RB 1, Offset 0)



10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2407-FC016-P