

EYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Pre (S)	en: 20 dB ⊧amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.507520 Id: 100.00% of Std: None		Transmission of the local division of the lo	Frequency 20000 GHz	Settings
Graph ale/Div 10 d	T B			vl Offset 34. alue 30.0 dE					7.40400	00 MHz	
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0.0							where the second second prof	Spectrum			
0.0		Chan			Det: Average		Sp	an 74.040 MHz			
sp Center 2.		Powe	n Det: Ave	erage, #Offs			Sp	an 74.040 MHz			
5.0 5.0 sp Center 2.	50752 GHz		n Det: Ave	erage, #Offs Iz			Sp 20	an 74.040 MHz			
5.0 sp Center 2.	50752 GHz	Powe	n Det: Ave	erage, #Offs		dBm	Sp 20 Upper	an 74.040 MHz			
5.0 sp Center 2.	50752 GHz	Powe 25.18 dBr	n Det: Ave r m / 15 MH	erage, #Offs Iz Lower	s Det: Average		Sp 20 Upper	an 74.040 MHz 01 pts			
500 500 500 500 500 500 500 500	50752 GHz Stop Freq 8.500 MHz 11.52 MHz	Powe 25.18 dBr Integ BW 300.0 kHz 1.000 MHz	dBm -21.45 -23.88	erage , #Offs Iz ∆Lower ∆Limit(dB) (-11.45) (-13.88)	5 Det: Average Freq (Hz) -7.505 M -8.530 M	dBm	Sp 20 Upper ∆Limit(dB)	an 74.040 MHz 01 pts			
able Start Freq 7.500 MHz 8.500 MHz 11.52 MHz	50752 GHz 50752 GHz 500 Freq 3.500 MHz 11.52 MHz 17.02 MHz	Powe 25.18 dBr Integ BW 300.0 kHz 1.000 MHz 1.000 MHz	Det: Ave m / 15 MH dBm -21.45 -23.88 -29.03	erage , #Offs Lower △Limit(dB) (-11.45) (-13.88) (-16.03)	Freq (Hz) -7.505 M -8.530 M -13.01 M	dBm 	Sp 20 Upper ∆Limit(dB) ()	an 74.040 MHz 01 pts Freq (Hz) 			
500 500 500 500 500 500 500 500	50752 GHz 50752 GHz 500 Freq 8.500 MHz 11.52 MHz 17.02 MHz 37.02 MHz	Powe 25.18 dBr Integ BW 300.0 kHz 1.000 MHz 1.000 MHz 1.000 MHz	dBm -21.45 -23.88	erage , #Offs Iz ∆Lower ∆Limit(dB) (-11.45) (-13.88)	5 Det: Average Freq (Hz) -7.505 M -8.530 M	dBm 	Upper ∆Limit(dB) () ()	an 74.040 MHz 01 pts Freq (Hz) 			Loc
500 500 500 500 500 500 500 500	50752 GHz 50752 GHz 500 Freq 3.500 MHz 11.52 MHz 17.02 MHz	Powe 25.18 dBr Integ BW 300.0 kHz 1.000 MHz 1.000 MHz	Det: Ave m / 15 MH dBm -21.45 -23.88 -29.03	erage , #Offs Lower △Limit(dB) (-11.45) (-13.88) (-16.03)	Freq (Hz) -7.505 M -8.530 M -13.01 M	dBm 	Sp 20 ΔLimit(dB) () ()	an 74.040 MHz 01 pts Freq (Hz)			Loc

15 M_Band Edge_Lower_Low_BPSK_FullRB(2)



Spectrum Analy SEM	zer 1 🔻	+							2	Frequency	- 7 😤
KEYSIGHT RL +→- ™ PASS	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Prea 6)	n: 20 dB amp: Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg Ho	Freq: 2.507520 old: 100.00% of Std: None			requency 0000 GHz	Settings
1 Graph Scale/Div 10 dl	т З			/I Offset 34. alue 30.0 dE					6.00000		
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10.0			m	handrade	www				Freq Offs 0 Hz	set	
-10 0 -20.0								Absolute Limit			
-30.0		and the second			V		THE REAL PROPERTY AND IN THE REAL PROPERTY AND INTERPOPERTY AND INTE	Spectrum			
50.0	Julia										
-60.0 Disp Center 2.5	50752 GHz	Chan	Det: Ave	rage, #Offs	Det: Average	2		an 60.000 MHz 01 pts			
2 Table	۲	Power 25.23 dBm	/ 15 MH:	z							
				Lower			Upper				
Start Freq	Stop Freq		dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
7.500 MHz	8.500 MHz	300.0 kHz		()		-29.92	(-19.92)	7.505 M			
8.500 MHz	12.50 MHz	1.000 MHz		()		-31.34	(-21.34)	12.30 M			
12.50 MHz	22.50 MHz	1.000 MHz		()		-30.85	(-17.85)	12.55 M			Local
22.50 MHz	30.00 MHz	1.000 MHz 220.0 kHz		()	7 500 M	-40.77	(-15.77)	23.70 M			Local
7.500 MHz 12.50 MHz	30.00 MHz	220.0 KHZ 1 000 MH7	-23.93	(-73.93)	-7.500 M		()				
1 50		Jul 09, 2024 8:58:10 AM									

15 M_Band Edge_Upper_Low_BPSK_FullRB(2)





	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Pre (S)	en: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2 59299 Id: 100.00% of Std: None		president and a second second	requency 0000 GHz	Settings
Graph	÷		Pofly	vl Offset 34.	30 dB				6.00000	0 MHz	
ale/Div 10 dl	в			alue 30.0 dE					Auto		
g								Relative Limit	Man		
0.0			m	mm	www				Freq Offs 0 Hz	set	
0.0						_		Absolute Limit			
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).0	of the second second					Constant of		Spectrum			
0.0											
0.0											
p Center 2.	59299 GHz	Chan	Det: Ave	erage, #Offs	Det: Average			an 60.000 MHz 01 pts			
able	*	Powe	r:								
		25.73 dBr	n / 15 MH	z							
				Lower			Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
7.500 MHz	8.500 MHz	300.0 kHz	-20.20	(-10.20)	-7.510 M	-28.59	(-18.59)	7.510 M			
	12.50 MHz	1.000 MHz	-23.12	(-13.12)	-8.500 M	-28.49	(-18.49)	8.520 M			140-
8.500 MHz	22.50 MHz	1.000 MHz	-24.06	(-11.06)	-13.90 M	-28.73	(-15.73)	12.85 M			
		1.000 MHz	-36.62	(-11.62)	-24.56 M	-38.94	(-13.94)	23.03 M			Lo
8.500 MHz 12.50 MHz 22.50 MHz	30.00 MHz						()				
12.50 MHz	30.00 MHz 12.50 MHz	1.000 MHz		()			()				

15 M_Band Edge_Mid_BPSK_FullRB





EYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (NFE: Adaptive	Prei S)	en: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Hol	Freq: 2.682480 ld: 100.00% of ltd: None		2.6824	Frequency 80000 GHz	Settings
Graph cale/Div 10 d	₹ B			vi Offset 34. alue 30.0 dE					CF Step 6.0000 Aut	00 MHz	,
og 0.0								Relative Limit	Ma		
0.0									Freq Of 0 Hz	fset	1
0.0					1			Absolute Limit			
0.0											
50.0 50.0 50.0		1022AUUUUUU	1 mm	www.	www.l		General generation of the second s	Spectrum.			
i0.0 i0.0					s Det: Average		Sp				
0.0 0.0 0.0			Det: Ave	erage, #Offs			Sp	an 60.000 MHz			
0.0 0.0 sp Center 2.0 Table	68248 GHz	Chan Power 22.93 dBm	Det: Ave	erage , #Offs z Lower	s Det: Average		Sp 200 Upper	an 60.000 MHz D1 pts			
sp Center 2.	68248 GHz	Chan Power 22.93 dBm Integ BW	Det: Ave	erage , #Offs z ⊥Lower ∆Limit(dB)	s Det: Average Freq (Hz)	dBm	Sp 200 Upper ΔLimit(dB)	an 60.000 MHz 11 pts Freq (Hz)			
sp Center 2. Table Start Freq 7.500 MHz	68248 GHz * Stop Freq 8.500 MHz	Chan Power 22.93 dBm Integ BW 30.00 kHz	Det: Ave n / 15 MH dBm -50.97	erage , #Offs z Lower ∆Limit(dB) (-40.97)	s Det: Average Freq (Hz) -7.830 M	dBm -37.03	Sp 200 Upper ∆Limit(dB) (-27.03)	an 60.000 MHz 01 pts Freq (Hz) 7.505 M			
0.0 0.0 0.0 5p Center 2. Table Start Freq 7.500 MHz 8.500 MHz	68248 GHz Stop Freq 8.500 MHz 12.50 MHz	Chan Power 22.93 dBm Integ BW 30.00 kHz 1.000 MHz	Det: Ave 1 / 15 MH dBm -50.97 -36.50	z Lower ΔLimit(dB) (-40.97) (-26.50)	5 Det: Average Freq (Hz) -7.830 M -8.860 M	dBm -37.03 -34.32	Sp 200 Upper ΔLimit(dB) (-27.03) (-24.32)	an 60.000 MHz 01 pts Freq (Hz) 7.505 M 8.520 M			
0.0 0.0 0.0 5p Center 2.0 Table Start Freq 7.500 MHz 8.500 MHz 12.50 MHz	68248 GHz Stop Freq 8.500 MHz 12.50 MHz 22.50 MHz	Chan 22.93 dBm Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	Det: Ave 	z Lower ∆Limit(dB) (-40.97) (-26.50) (-22.18)	5 Det: Average Freq (Hz) -7.830 M -8.860 M -12.75 M	dBm -37.03 -34.32 -36.40	Sp 200 Upper ∆Limit(dB) (-27.03) (-24.32) (-23.40)	n 60.000 MHz 11 pts Freq (Hz) 7.505 M 8.520 M 13.15 M			100
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	68248 GHz Stop Freq 8.500 MHz 12.50 MHz	Chan Power 22.93 dBm Integ BW 30.00 kHz 1.000 MHz	Det: Ave 1 / 15 MH dBm -50.97 -36.50	z Lower ΔLimit(dB) (-40.97) (-26.50)	5 Det: Average Freq (Hz) -7.830 M -8.860 M -12.75 M	dBm -37.03 -34.32	Sp 200 Upper ΔLimit(dB) (-27.03) (-24.32)	an 60.000 MHz 01 pts Freq (Hz) 7.505 M 8.520 M			Loo

15 M_Band Edge_High_BPSK_1RB



	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Pre (S)	en: 20 dB amp: Off	Trig: Free F Gate: Off IF Gain: Lo	Av		q: 2.682480 00.00% of None		press and a second s	Frequency 80000 GHz	Settings
Graph			RefL	vI Offset 34.	30 dB					6.0000		
cale/Div 10 dl	3			alue 30.0 dB						Aut	0	
og									Relative Limit	Ma		
20.0			m	mm	mm					Freq Off 0 Hz	fset	
20.0					1				Absolute Limit			
30.0		the second s	-1/		1	~~~			Spectrum			
0.0							-					
50.0												
60.0												
isp Center 2.6	8248 GHz	Char	Det: Ave	erage, #Offs	Det: Averag	ge			an 60.000 MHz 01 pts			
Table		Powe	r									
		25.72 dBr	n / 15 MH	Iz								
				Lower				Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBn		imit(dB)	Freq (Hz)			
7.500 MHz	8.500 MHz	300.0 kHz	-19.48	(-9.48)	-7.535 M	-29		(-19.38)	7.515 M			_
8.500 MHz	12.50 MHz	1.000 MHz	-22.54	(-12.54)	-8.500 M	-25		(-15.95)	8.600 M			
12.50 MHz	22.50 MHz	1.000 MHz	-24.33	(-11.33)	-13.15 M	-29		(-16.64)	12.50 M			
22.50 MHz	30.00 MHz	1.000 MHz	-38.14	(-13.14)	-22.61 M	-36	.65	(-11.65)	22.76 M			Loc
8.000 MHz	12.50 MHz	1.000 MHz		()				()				
12 50 MHz	15 00 MHz	1 000 MHz		()				()				

15 M_Band Edge_High_BPSK_FullRB



	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (NFE: Adaptive	Prei S)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.506020 Id: 100.00% of Std: None		2.50602	requency 20000 GHz	Settings
Graph	•		Ref L	I Offset 34.	30 dB				CF Step 8.00000		
cale/Div 10 d	3		Ref Va	alue 30.0 dB	m				Aut	0	
og 0.0								Aasolute Limit	Mai		
0.0			A						Freq Off 0 Hz	set	
20.0											
30.0 40.0 50.0			1 h	www	mm	heyenwaala	ta ^d iktionergaturyan	Spectrum			
isp Center 2.	50602 GHz	Chan	Det: Ave	rage, #Offs	Det: Average			an 80.000 MHz 01 pts			
Table	•	Powe 22.77 dBr		z							
				Lower			Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
10.02 MHz	11.02 MHz	30.00 kHz	-41.14	(-28.14)	-10.04 M		()	0			_
11.02 MHz	15.52 MHz	1.000 MHz	-37.14	(-24.14)	-11.02 M		()				
	40.00 MHz	1.000 MHz	-40.26	(-15.26)	-18.09 M		()	1			
15.52 MHz	40.00 MHz	270.0 kHz		()		-43.28	(-93.28)	14.00 M			Loc
15.52 MHz 10.02 MHz							()				
15.52 MHz	12.50 MHz	1.000 MHz		()			()				

20 M_Band Edge_Lower_Low_BPSK_1RB(1)



L +++	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prea S)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.506020 old: 100.00% of Std: None		2.5060	Frequency 20000 GHz	Settings
Graph			RefLy	I Offset 34.	30 dB				CF Step 8.0000		
cale/Div 10 dl	в			lue 30.0 dB					Aut	•	
.og								Relative Limit	Ma		
			Λ						Ener Of		
0.00									Freq Off	set	
10.0									0 Hz		
20.0								Absolute Limit			
30.0								Absolute Citilit			
40.0			1	months	A	-	Contraction of the local division of the loc	Spectrum			
50.0	and the second state of th	economical installation	ala	******	ชาวจามจ จ			Compare South Hill Blancher			
60.0											
isp Center 2.	50602 GHz	Chan	Det: Ave	rage, #Offs	Det: Average			an 80.000 MHz 01 pts			
Table	•	Power 21.87 dBn		z							
				Lower			Upper				
	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm		Freq (Hz)			
Start Freq		00.001.11-		()		-53.04	(-43.04)	10.14 M			
10.00 MHz	11.00 MHz	30.00 kHz					(-29.82)	14.00 M			
10.00 MHz 11.00 MHz	11.00 MHz 15.00 MHz	1.000 MHz		()		-39.82					
10.00 MHz 11.00 MHz 15.00 MHz	11.00 MHz 15.00 MHz 30.00 MHz	1.000 MHz 1.000 MHz		()		-39.33	(-26.33)	21.68 M			100
10.00 MHz 11.00 MHz 15.00 MHz 30.00 MHz	11.00 MHz 15.00 MHz 30.00 MHz 40.00 MHz	1.000 MHz 1.000 MHz 1.000 MHz		() ()		-39.33 -43.61	(-26.33) (-18.61)	30.35 M			Loc
10.00 MHz 11.00 MHz 15.00 MHz	11.00 MHz 15.00 MHz 30.00 MHz	1.000 MHz 1.000 MHz		()		-39.33	(-26.33)				Loc

20 M_Band Edge_Upper_Low_BPSK_1RB(1)



	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Prea S)	n: 20 dB amp: Off	Trig: Fre Gate: Of IF Gain:	ſ	Avg Hol	Freq: 2.50602 ld: 100.00% of td: None		president and a second second second	Frequency 20000 GHz	Settings
Graph			Ref Lv	I Offset 34.	30 dB						, 00 MHz	
cale/Div 10 dl	3		Ref Va	lue 30.0 dB	m					Au		1
20.0									Absolute Limit	Ma	in	
			MAA	wwww	MAMA					Freq Of	fset	1
0.00			- 0 11	HIIIII						0 Hz		
10.0												
20.0			1			n.						
40.0						Wyanglin	Respection	Distance data	Spectrum.			
50.0						. I. Hillet ad.	. I habite	dinate all the billing	Spectrum			
60.0												
Disp Center 2.5	50602 GHz	Chan	Det: Ave	rage, #Offs	Det: Ave	rage			oan 80.000 MHz 01 pts			
2 Table	۲	Powe 25.66 dBr		z								
				Lower				Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz		dBm	∆Limit(dB)	Freq (Hz)			
10.02 MHz 11.02 MHz	11.02 MHz 15.52 MHz	430.0 kHz 1.000 MHz	-23.32 -27.81	(-10.32) (-14.81)	-10.05			()				
15.52 MHz	40.00 MHz	1.000 MHz	-27.81	(-14.81)	-16.25			() ()				
	40.00 MHz	270.0 kHz	-30.33	()			-29.89	(-79.89)	10.16 M			Loc
10.02 MHz		1.000 MHz		()		-		()				
10.02 MHz 8.000 MHz	12.50 MHz											

20 M_Band Edge_Lower_Low_BPSK_FullRB(1)



Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Prea (S)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.506020 old: 100.00% of Std: None		2.50602	Frequency 20000 GHz	Settings
•								8.0000	00 MHz	
		Rei Va	ide 30.0 dB				Relative Limit			
		Maria	unananan	inning				Freq Off 0 Hz	'set	1
							Absolute Limit			
and the second	unite partition of the	pp ^a		\sim		wetter and the second	Spectrum			
ADDRAWARAN										
50602 GHz			rage, #Offs	Det: Average			an 80.000 MHz 01 pts			
	Char Powe	n Det: Ave		Det: Average						
50602 GHz ¥	Char Powe 25.66 dBr	n Det: Ave er m / 20 MH;	z Lower			20 Upper	01 pts			
50602 GHz V Stop Freq	Char Powe 25.66 dBr Integ BW	n Det: Ave er m / 20 MH; dBm	z Lower ∆Limit(dB)	Freq (Hz)	dBm	200 Upper ∆Limit(dB)	01 pts Freq (Hz)			
50602 GHz • Stop Freq 11.00 MHz	Char Powe 25.66 dBr Integ BW 430.0 kHz	n Det: Ave r m / 20 MH; dBm 	z Lower ∆Limit(dB) ()	Freq (Hz)	-26.97	Upper ∆Limit(dB) (-16.97)	01 pts Freq (Hz) 10.02 M			
50602 GHz • Stop Freq 11.00 MHz 15.00 MHz	Char Powe 25.66 dBr Integ BW 430.0 kHz 1.000 MHz	dBm 	z Lower ∆Limit(dB) ()	Freq (Hz)	-26.97 -30.07	20 Upper ∆Limit(dB) (-16.97) (-20.07)	01 pts Freq (Hz) 10.02 M 11.02 M			
50602 GHz Stop Freq 11.00 MHz 15.00 MHz 30.00 MHz	Char Powe 25.66 dBr Integ BW 430.0 kHz 1.000 MHz 1.000 MHz	dBm 	z ∆Limit(dB) () ()	Freq (Hz) 	-26.97 -30.07 -30.88	Upper ∆Limit(dB) (-16.97) (-20.07) (-17.88)	01 pts Freq (Hz) 10.02 M 11.02 M 15.98 M			Loc
50602 GHz • Stop Freq 11.00 MHz 15.00 MHz	Char Powe 25.66 dBr Integ BW 430.0 kHz 1.000 MHz	dBm 	z Lower ∆Limit(dB) ()	Freq (Hz)	-26.97 -30.07	20 Upper ∆Limit(dB) (-16.97) (-20.07)	01 pts Freq (Hz) 10.02 M 11.02 M			Loc
	B	NFE: Adaptiv	NFE: Adaptive	NFE: Adaptive Ref LvI Offset 34. Ref Value 30.0 dB	NFE: Adaptive Ref Lvi Offset 34.30 dB Ref Value 30.0 dBm	Ref LvI Offset 34.30 dB Ref Value 30.0 dBm	NFE: Adaptive Ref Lvi Offset 34.30 dB Ref Value 30.0 dBm	Ref Lvi Offset 34.30 dB Ref Value 30.0 dBm Ref Value 30.0 dBm Absolute Limit	Ref Lvi Offset 34.30 dB Ref Value 30.0 dBm Ref Value 30.0 dBm R	Ref Lvi Offset 34.30 dB Ref Value 30.0 dBm Ref Value 30

20 M_Band Edge_Upper_Low_BPSK_FullRB(1)



KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S	Pre	en: 20 dB ⊧amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51001 Id: 100.00% of Std: None		Center Fi 2.51001	requency 0000 GHz	Settings
		NFE: Adaptive							CF Step		
Graph	•		Ref L	vl Offset 34.	30 dB				7.90200	0 MHz	
cale/Div 10 d	В			alue 30.0 dE					Auto	,'	
.og								Absolute Limit	Man		
20.0			Λ						E 0#-	-4	
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0.0				enanders da	www.hand	and worth production of the	And the second second second	Spectrum			
60.0								THE AREA AND A DESCRIPTION OF A DESCRIPR			
0.01								and the second			
	51001 GHz	Chan D	Det: Ave	erage, #Offs	Det: Average			oan 79.020 MHz 01 pts			
sp Center 2.	51001 GHz	Chan E Power	Det: Ave	erage,#Offs	s Det: Average						
sp Center 2.					s Det: Average						
sp Center 2.		Power			s Det: Average						
sp Center 2.		Power 22.69 dBm		łz	s Det: Average Freq (Hz)	dBm	20				
sp Center 2. Table Start Freq 10.00 MHz	Stop Freq 11.00 MHz	Power 22.69 dBm Integ BW 30.00 kHz	/ 20 MH dBm -41.66	Iz Lower ∆Limit(dB) (-31.66)	Freq (Hz) -10.00 M	dBm	20 Upper	01 pts			
sp Center 2. Table Start Freq 10.00 MHz 11.00 MHz	Stop Freq 11.00 MHz 14.01 MHz	Power 22.69 dBm Integ BW 30.00 kHz 1.000 MHz	/ 20 MH dBm -41.66 -36.73	Iz Lower ∆Limit(dB) (-31.66) (-26.73)	Freq (Hz) -10.00 M -11.00 M		20 Upper ∆Limit(dB) ()	01 pts Freq (Hz)			
sp Center 2. Table Start Freq 10.00 MHz 11.00 MHz 14.01 MHz	Stop Freq 11.00 MHz 14.01 MHz 19.51 MHz	Power 22.69 dBm Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	/ 20 MH dBm -41.66 -36.73 -39.78	Iz Lower ∆Limit(dB) (-31.66) (-26.73) (-26.78)	Freq (Hz) -10.00 M -11.00 M -18.00 M		20 Upper ∆Limit(dB) () ()	01 pts Freq (Hz) 			
Start Freq 10.00 MHz 11.00 MHz 14.01 MHz 19.51 MHz	Stop Freq 11.00 MHz 14.01 MHz 19.51 MHz 39.51 MHz	Power 22.69 dBm / 30.00 kHz / 1.000 MHz / 1.000 MHz / 1.000 MHz /	/ 20 MH dBm -41.66 -36.73 -39.78 -42.86	Lower △Limit(dB) (-31.66) (-26.73) (-26.78) (-17.86)	Freq (Hz) -10.00 M -11.00 M -18.00 M -19.81 M		20 Upper ∆Limit(dB) () () ()	01 pts Freq (Hz) 			Loca
sp Center 2. Table Start Freq 10.00 MHz 11.00 MHz 19.51 MHz 10.00 MHz	Stop Freq 11.00 MHz 14.01 MHz 19.51 MHz 39.51 MHz 39.51 MHz	Power 22.69 dBm / Integ BW (30.00 kHz) 1.000 MHz) 1.000 MHz) 1.000 MHz 270.0 kHz)	/ 20 MH dBm -41.66 -36.73 -39.78	Iz Lower △Limit(dB) (-31.66) (-26.73) (-26.78) (-17.86) ()	Freq (Hz) -10.00 M -11.00 M -18.00 M		20 Upper ∆Limit(dB) () ()	01 pts Freq (Hz) 			Loca
Table Start Freq 10.00 MHz 11.00 MHz 14.01 MHz 19.51 MHz	Stop Freq 11.00 MHz 14.01 MHz 19.51 MHz 39.51 MHz	Power 22.69 dBm / 30.00 kHz / 1.000 MHz / 1.000 MHz / 1.000 MHz /	/ 20 MH dBm -41.66 -36.73 -39.78 -42.86 	Lower △Limit(dB) (-31.66) (-26.73) (-26.78) (-17.86)	Freq (Hz) -10.00 M -11.00 M -18.00 M -19.81 M		20 Upper ∆Limit(dB) () () ()	01 pts Freq (Hz) 			Loca

20 M_Band Edge_Lower_Low_BPSK_1RB(2)



EYSIGHT └ ↔→→ I PASS	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prea S)	en: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51001 dd: 100.00% of Std: None			requency 0000 GHz	Settings
Graph ale/Div 10 d	T B			vi Offset 34. alue 30.0 dE					8.00000		
D D.0			۵					Relative Limit	Man		
0.0									Freq Offs 0 Hz	set	
0.0								Absolute Limit			
0.0			1.		Δ			Spectrum			
0.0	and the second		*** *V	VVVVV V	www			***************************************			
	51001 GHz	and and a second se			S Det: Average			oan 80.000 MHz 01 pts			
0.0	51001 GHz	and and a second se	Det: Ave	erage,#Offs	<mark>,</mark>						
0.0 sp Center 2. Table	,	Chan Power 23.04 dBm	Det: Ave	erage , #Offs z Lower	s Det: Average		20 Upper	01 pts			
0.0 sp Center 2. Table Start Freq	v Stop Freq	Chan Power 23.04 dBn Integ BW	Det: Ave	erage , #Offs	<mark>,</mark>	dBm	20 Upper ∆Limit(dB)	01 pts Freq (Hz)			
0.0 sp Center 2. Table Start Freq 10.00 MHz	▼ Stop Freq 11.00 MHz	Chan Power 23.04 dBrr Integ BW 30.00 kHz	Det: Ave n / 20 MH dBm 	z Lower ∠Limit(dB) ()	Freq (Hz)	-54.76	Upper ∆Limit(dB) (-44.76)	01 pts Freq (Hz) 10.13 M			
0.0 sp Center 2. Table Start Freq 10.00 MHz 11.00 MHz	Stop Freq 11.00 MHz 15.00 MHz	Chan Power 23.04 dBrr Integ BW 30.00 KHz 1.000 MHz	Det: Ave n / 20 MH dBm 	z Lower ∆Limit(dB) ()	Freq (Hz)	-54.76 -40.50	20 Upper ∆Limit(dB) (-44.76) (-30.50)	01 pts Freq (Hz) 10.13 M 13.66 M			
5.0 Sp Center 2. Table Start Freq 10.00 MHz 11.00 MHz 15.00 MHz	Stop Freq 11.00 MHz 15.00 MHz 30.00 MHz	Chan Power 23.04 dBr Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	Det: Ave n / 20 MH dBm 	z Lower ∆Limit(dB) ()	Freq (Hz)	-54.76 -40.50 -40.79	20 Upper ∆Limit(dB) (-44.76) (-30.50) (-27.79)	01 pts Freq (Hz) 10.13 M 13.66 M 21.83 M			Loc
0.0 sp Center 2. Table Start Freq 10.00 MHz 11.00 MHz	Stop Freq 11.00 MHz 15.00 MHz	Chan Power 23.04 dBrr Integ BW 30.00 KHz 1.000 MHz	Det: Ave n / 20 MH dBm 	z Lower ∆Limit(dB) ()	Freq (Hz)	-54.76 -40.50	20 Upper ∆Limit(dB) (-44.76) (-30.50)	01 pts Freq (Hz) 10.13 M 13.66 M			Loc

20 M_Band Edge_Upper_Low_BPSK_1RB(2)



PASS	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prea S)	en: 20 dB amp: Off	Trig: Free Gate: Off IF Gain: I		Avg Ho	Freq: 2.51001 ld: 100.00% of 6td: None		and the second se	Frequency 10000 GHz	Settings
Graph ale/Div 10 d	, B			vi Offset 34. alue 30.0 dE							00 MHz	
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0.0 0.0 0.0	an dinana ana ana ana ana ana ana ana ana an						distra	A CONTRACTOR OF CONTRACTOR	wayner milder with a state of the state of t			
0.0		Chan	Det: Ave	erage, #Offs	s Det: Aver			Sp	an 79.020 MHz 01 pts			
).0		Chan Power 25.28 dBrr	i.		s Det: Aver			Sp	an 79.020 MHz			
p.o b.o sp Center 2.	51001 GHz	Power	i.		s Det: Aver			Sp	an 79.020 MHz			
5.0 sp Center 2. Table Start Freq	51001 GHz Stop Freq	Power 25.28 dBm Integ BW	n / 20 MH dBm	z Lower ∆Limit(dB)	Freq (Hz)	age	dBm	Sp 20	an 79.020 MHz			
sp Center 2.	51001 GHz 51001 Freq 51001 Freq 11.00 MHz	Power 25.28 dBm Integ BW 430.0 kHz	dBm -22.19	z Lower ∆Limit(dB) (-12.19)	Freq (Hz) -10.00 M	age M	dBm 	Sp 20 Upper ∆Limit(dB) ()	an 79.020 MHz 01 pts Freq (Hz)			
500 500 500 500 500 500 500 500	51001 GHz 51001 GHz 5top Freq 11.00 MHz 14.01 MHz	Power 25.28 dBm Integ BW 430.0 kHz 1.000 MHz	dBm -22.19 -24.32	z _Lower ∆Limit(dB) (-12.19) (-14.32)	Freq (Hz) -10.00 M -12.22 M	age) A A	dBm 	لیت 20 ∆Limit(dB) ()	an 79.020 MHz 01 pts Freq (Hz) 			
able Start Freq 10.00 MHz 11.00 MHz 14.01 MHz	51001 GHz 51001 GHz 11.00 MHz 14.01 MHz 19.51 MHz	Power 25.28 dBm Integ BW 430.0 kHz 1.000 MHz 1.000 MHz	dBm -22.19 -24.32 -29.06	z Lower ∆Limit(dB) (-12.19) (-14.32) (-16.06)	Freq (Hz) -10.00 M -12.22 M -17.59 M	age	dBm 	Upper ∆Limit(dB) ()	an 79.020 MHz 01 pts Freq (Hz)			Log
500 500 500 500 500 500 500 500	51001 GHz 51001 GHz 5top Freq 11.00 MHz 14.01 MHz	Power 25.28 dBm Integ BW 430.0 kHz 1.000 MHz	dBm -22.19 -24.32	z _Lower ∆Limit(dB) (-12.19) (-14.32)	Freq (Hz) -10.00 M -12.22 M	age A A A	dBm 	لیت 20 ∆Limit(dB) ()	an 79.020 MHz 01 pts Freq (Hz) 			Loc

20 M_Band Edge_Lower_Low_BPSK_FullRB(2)



Spectrum Analy SEM	zer 1 🔻	+							Frequency	- 1 🔆
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Atten: 20 dB Preamp: Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51001 ld: 100.00% of Std: None			requency 10000 GHz	Settings
1 Graph	•		Ref LvI Offset 3	4.30 dB				8.0000	No. of Concession, Name	
Scale/Div 10 dl	в		Ref Value 30.0 d					Aut	n	
Log 20.0							Relative Limit	Ma		
10.0			papatrateriation	wwwwww				Freq Off 0 Hz	set	
-20.0			/				Absolute Limit			
-30.0 -40.0		Marana and and and		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- marrier marrier	AND AND AND A AND	Spectrum			
50.0 -60.0 Disp Center 2.5			et: Average , #O	ffs Det: Average	e		oan 80.000 MHz 101 pts			
2 Table	Y	Power 25.27 dBm /	20 MHz							
			Lowe	er		Upper				
Start Freq	Stop Freq		Bm ∆Limit(dE	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
10.00 MHz	11.00 MHz	430.0 kHz	(/	-27.57	(-17.57)	10.00 M			
11.00 MHz	15.00 MHz	1.000 MHz	(-27.13	(-17.13)	11.74 M			
15.00 MHz 30.00 MHz	30.00 MHz 40.00 MHz	1.000 MHz 1.000 MHz	(-30.52 -37.23	(-17.52)	17.10 M 30.20 M			Local
10.00 MHz	40.00 MHz		(26.17 (-76.17			(-12.23)				2000.
12 50 MHz	15 00 MHz	1 000 MHz	(()				
ר ד										

20 M _Band Edge_Upper_Low_BPSK_FullRB(2)





	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Prea	n: 20 dB amp: Off	Trig: Free R Gate: Off IF Gain: Lov	A	vg Hold	req: 2.592990 100.00% of d: None			Frequency 90000 GHz	Settings
Graph	-		Pofis	Offset 34.	30 dB						, 00 MHz	
cale/Div 10 dl	3			lue 30.0 dB						Au		
og									Relative Limit	Ma		
0.0			pres	-	nannan					Freq Of 0 Hz	ſset	
20.0									Absolute Limit			
30.0	mun	water and the second			~		Stan and Street	mwn	0.000			
0.0	مراجع المانية المانية المانية المانية (1995) (1995) (1995) (1995) (1995) (1995) (1995) (1995) (1995) (1995) (19							and a state of the	Spectrum			
50.0												
50.0												
isp Center 2.5	9299 GHz	Chan D	et: Ave	rage, #Offs	Det: Averag	le			an 80.000 MHz 01 pts			
Table		Power										
		25.73 dBm /	20 MH	z								
				Lower				Upper				
Start Freq	Stop Freq	Integ BW c	Bm	∆Limit(dB)	Freq (Hz)	dB	m 2	Limit(dB)	Freq (Hz)			
10.00 MHz	11.00 MHz		19.84	(-9.84)	-10.06 M		5.41	(-15.41)	10.00 M			_
11.00 MHz	15.00 MHz	1.000 MHz	21.48	(-11.48)	-12.56 M	-23	3.44	(-13.44)	11.08 M			
15.00 MHz	30.00 MHz	1.000 MHz	23.27	(-10.27)	-17.70 M	-2	7.53	(-14.53)	17.18 M			
30.00 MHz	40.00 MHz		34.36	(-9.36)	-30.00 M		3.22	(-13.22)	30.20 M			Loca
0.000 1.01-	12.50 MHz	1.000 MHz		()				()				
8.000 MHz												

20 M_Band Edge_Mid_BPSK_FullRB





1	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	(S)	in: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Hol	Freq: 2.679990 ld: 100.00% of itd: None		2.67999	requency 00000 GHz	Settings
Graph			Ref L	vl Offset 34.	30 dB				CF Step 8.00000		
cale/Div 10 dl	в		Ref Va	alue 30.0 dE	lm				Auto	.	
og 0.0								Relative Limit	Mar		
					Λ				E		
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0.0	and the second second	and an	- A.	mm		M		Spectrum			
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								Here and the second			
50.0											
60.0	57999 GHz	Char			Det: Average			an 80.000 MHz 11 pts			
isp Center 2.6		Char Powe	Det: Ave		\						
	57999 GHz T		Det: Ave	erage , #Offs	\						
0.0 sp Center 2.6		Powe	Det: Ave	erage , #Offs	\		200				
0.0 sp Center 2.6 Table		Powe 21.68 dBr	Det: Ave	erage , #Offs z	Det: Average	dBm	200 Upper	1 pts			
0.0 sp Center 2.6		Powe	n Det: Ave er m / 20 MH	erage , #Offs z Lower	\	dBm -38.90	200 Upper				
0.0 sp Center 2.6 Table Start Freq	T Stop Freq	Powe 21.68 dBr Integ BW	n Det: Ave er m / 20 MH dBm	erage , #Offs z Lower ∆Limit(dB)	s Det: Average Freq (Hz)		200 Upper ∆Limit(dB)	Freq (Hz)			
0.0 sp Center 2.6 Table Start Freq 10.00 MHz	Stop Freq 11.00 MHz	Powe 21.68 dBr Integ BW 30.00 kHz	Det: Ave m / 20 MH dBm -49.46	z Lower ΔLimit(dB) (-39.46)	Freq (Hz) -10.38 M	-38.90	200 Upper ∆Limit(dB) (-28.90)	1 pts Freq (Hz) 10.02 M			
0.0 sp Center 2.6 Table Start Freq 10.00 MHz 11.00 MHz	• Stop Freq 11.00 MHz 15.00 MHz	Powe 21.68 dBr Integ BW 30.00 kHz 1.000 MHz	Det: Ave m / 20 MH dBm -49.46 -38.25	z Lower ∆Limit(dB) (-39.46) (-28.25)	Freq (Hz) -10.38 M -13.90 M	-38.90 -35.90	200 Upper ∆Limit(dB) (-28.90) (-25.90)	M pts Freq (Hz) 10.02 M 11.00 M			Loc
sp Center 2.6 Table Start Freq 10.00 MHz 11.00 MHz 15.00 MHz	Stop Freq 11.00 MHz 15.00 MHz 30.00 MHz	Powe 21.68 dBr Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	Det: Ave m / 20 MH -49.46 -38.25 -37.64	z Lower ∆Limit(dB) (-28.25) (-24.64)	5 Det: Average Freq (Hz) -10.38 M -13.90 M -26.93 M	-38.90 -35.90 -37.41	200 Upper ∆Limit(dB) (-28.90) (-25.90) (-24.41)	11 pts Freq (Hz) 10.02 M 11.00 M 17.93 M			Loo

20 M_Band Edge_High_BPSK_1RB





	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (\$ NFE: Adaptive	Pre	en: 20 dB amp: Off	Trig: Free Ri Gate: Off IF Gain: Low	Avg	ter Freq. 2.67999 Hold. 100.00% c io Std. None		president and a second second second	Frequency 90000 GHz	Settings
Graph			Refl	vl Offset 34.	30 dB					00 MHz	
ale/Div 10 dl	3			alue 30.0 dB					Au	to	
og 👘								Relative Limit	Ma		
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sp Center 2.6	7999 GHz	Chan	Det: Ave	erage, #Offs	Det: Averag	e		pan 80.000 MHz)01 pts			
able .		Power	ξ								
		25.69 dBm	/ 20 MH	Iz							
				Lower			Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
10.00 MHz	11.00 MHz	430.0 kHz	-21.03	(-11.03)	-10.02 M	-27.4		10.03 M			_
11.00 MHz	15.00 MHz	1.000 MHz	-24.13	(-14.13)	-11.00 M	-29.5		11.00 M			14
15.00 MHz	30.00 MHz	1.000 MHz	-26.60	(-13.60)	-18.60 M	-33.5	,	15.15 M			
30.00 MHz	40.00 MHz	1.000 MHz	-39.47	(-14.47)	-30.05 M	-39.9	2 (-14.92)	31.35 M			Lo
8.000 MHz	12.50 MHz	1.000 MHz		()			()				
12 50 MHz	15 00 MHz	1 000 MHz		()			()				

20 M_Band Edge_High_BPSK_FullRB



1	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prei S)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.50851 Id: 100.00% of Std: None		president and a second second	Frequency 10000 GHz	Settings
Graph			Ref L	/I Offset 34.	30 dB					9 000 MHz	
cale/Div 10 dl	в			alue 30.0 dB					Au	to	
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		and the second	-1 m	mound to	What has a start of the			Spectrum	1		
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	50851 GHz	Chan	Det: Ave	rage, #Offs	s Det: Average		Sp	oan 100.00 MHz 01 pts			
isp Center 2.5 Table	50851 GHz ¥	Chan Power 22.07 dBn	R				Sp	oan 100.00 MHz			
sp Center 2.5		Power	R				Sp	oan 100.00 MHz			
sp Center 2.5 Table Start Freq	v Stop Freq	Power 22.07 dBn Integ BW	r n / 25 MH dBm	z Lower ∆Limit(dB)	s Det: Average Freq (Hz)	dBm	Sp 20	oan 100.00 MHz			
sp Center 2.5 Table Start Freq 12.51 MHz	Stop Freq 13.51 MHz	Power 22.07 dBn Integ BW 30.00 kHz	r n / 25 MH dBm -41.56	z Lower ∆Limit(dB) (-28.56)	Freq (Hz) -12.52 M		Sp 20 Upper ∆Limit(dB) ()	oan 100.00 MHz 101 pts			
sp Center 2.5 Table Start Freq 12.51 MHz 13.51 MHz	Stop Freq 13.51 MHz 18.01 MHz	Power 22.07 dBn Integ BW 30.00 kHz 1.000 MHz	n / 25 MH dBm -41.56 -37.88	z ∆Limit(dB) (-28.56) (-24.88)	5 Det: Average Freq (Hz) -12.52 M -13.53 M	dBm	Sp 20 Upper ΔLimit(dB) ()	oan 100.00 MHz 01 pts Freq (Hz)			
sp Center 2.5 Table Start Freq 12.51 MHz 13.51 MHz 18.01 MHz	Stop Freq 13.51 MHz 18.01 MHz 50.00 MHz	Power 22.07 dBn Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	r dBm -41.56 -37.88 -38.15	z ∆Limit(dB) (-28.56) (-24.88) (-13.15)	5 Det: Average Freq (Hz) -12.52 M -13.53 M	dBm 	20 20 ΔLimit(dB) () ()	oan 100.00 MHz 01 pts Freq (Hz) 			
sp Center 2.5 Table Start Freq 12.51 MHz 13.51 MHz 18.01 MHz 12.51 MHz	Stop Freq 13.51 MHz 18.01 MHz 50.00 MHz 50.00 MHz	Power 22.07 dBn Integ BW 30.00 kHz 1.000 MHz 1.000 MHz 360.0 kHz	dBm -41.56 -37.88 -38.15 	z ∆Limit(dB) (-28.56) (-24.88) (-13.15) ()	5 Det: Average Freq (Hz) -12.52 M -13.53 M	dBm 	Sp 20 ΔLimit(dB) () () () (-93.43)	oan 100.00 MHz 01 pts Freq (Hz) 			Log
sp Center 2.5 Table Start Freq 12.51 MHz 13.51 MHz 18.01 MHz	Stop Freq 13.51 MHz 18.01 MHz 50.00 MHz	Power 22.07 dBn Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	r dBm -41.56 -37.88 -38.15	z ∆Limit(dB) (-28.56) (-24.88) (-13.15)	Freq (Hz) -12.52 M -13.53 M -23.29 M 	dBm 	20 20 ΔLimit(dB) () ()	oan 100.00 MHz 01 pts Freq (Hz) 			Loc

25 M_Band Edge_Lower_Low_BPSK_1RB(1)



	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int NFE: Adaptiv	Prea (S)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.50851 Id: 100.00% of Std: None		Center Fi 2.50851 CF Step	requency 0000 GHz	Settings
Graph	•		Ref L	/I Offset 34.	30 dB				10.0000	00 MHz	
cale/Div 10 dl	3		Ref Va	alue 30.0 dB	im				Auto		
og								Relative Limit	Man		
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sp Center 2.5	0851 GHz	Chan	Det: Ave	erage, #Offs	Det: Average			an 100.00 MHz 01 pts			
Table	•	Powe 22.50 dBr		z							
				Lower			Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
12.50 MHz	13.50 MHz	30.00 kHz		()		-55.05	(-45.05)	13.41 M			
13.50 MHz	17.50 MHz	1.000 MHz		()		-41.53	(-31.53)	14.04 M			-
17.50 MHz	37.50 MHz	1.000 MHz		()		-38.06	(-25.06)	34.90 M			Loc
37.50 MHz	50.00 MHz	1.000 MHz		()		-38.48	(-13.48)	38.69 M			Loc
12.50 MHz 12.50 MHz	50.00 MHz	360.0 kHz	-30.07	(-80.07)	-12.50 M		()				
	15 00 MHz	1 000 MHz		()			()				

25 M_Band Edge_Upper_Low_BPSK_1RB(1)



Settings	r Frequency 3510000 GHz	f 20	Freq: 2.508510 Id: 100.00% of Std: None	Avg Ho	Trig: Free Run Gate: Off IF Gain: Low	n: 20 dB amp: Off	Prea (S)	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Input: RF Coupling: DC Align: Auto	EYSIGHT
	ep)0000 MHz				30 dB	Offset 34.	Ref L		*	Graph
1	uto					lue 30.0 dB			3	cale/Div 10 dl
	lan	Absolute Limit								.og
1	Offset				000000	wwwww	m			10.0
		_								0.00
4										10.0
										20.0
<u> </u>					here .		1	- manna		-30.0
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		Spectrum	and the second	www.way				mannan an		-40.0
		14/14/14/14/14/14/14/14/14/14/14/14/14/1		www.harmana						50.0
		pan 100.00 MHz	Sp	Wuydarwey	Det: Average	rage, #Offs	n Det: Ave			50.0
		oan 100.00 MHz	Sp					Char Powe		50.0 60.0 Disp Center 2.5
		oan 100.00 MHz	Sp				ər	Char Powe	50851 GHz	50.0 60.0 Disp Center 2.5
		oan 100.00 MHz	Sp 20	dBm	Det: Average	z Lower ∆Limit(dB)	er m / 25 MH. dBm	Char Powe 25.60 dB Integ BW	50851 GHz V Stop Freq	50.0 60.0 Pisp Center 2.4 Table Start Freq
		oan 100.00 MHz 01 pts	Sp 20/ Upper ∆Limit(dB) ()		Freq (Hz) -12.52 M	z Lower ∆Limit(dB) (-8.98)	er m / 25 MH dBm -21.98	Char Powe 25.60 dB Integ BW 510.0 kHz	50851 GHz V Stop Freq 13.51 MHz	50.0 60.0 2 Table Start Freq 12.51 MHz
		pan 100.00 MHz 01 pts Freq (Hz)	Sp 20/ ΔLimit(dB) () ()	dBm 	Freq (Hz) -12.52 M -13.51 M	z ∆Limit(dB) (-8.98) (-15.25)	er m / 25 MH dBm -21.98 -28.25	Char Powe 25.60 dB Integ BW 510.0 kHz 1.000 MHz	50851 GHz • Stop Freq 13.51 MHz 18.01 MHz	50.0 60.0 2 Table Start Freq 12.51 MHz 13.51 MHz
		ban 100.00 MHz 01 pts Freq (Hz)	Upper ∆Limit(dB) () ()	dBm 	Det: Average Freq (Hz) -12.52 M -13.51 M -21.85 M	z ∆Limit(dB) (-8.98) (-15.25) (-6.92)	er m / 25 MH dBm -21.98 -28.25 -31.92	Char Powe 25.60 dB Integ BW 510.0 kHz 1.000 MHz 1.000 MHz	50851 GHz Stop Freq 13.51 MHz 18.01 MHz 50.00 MHz	50 0 60 0 Disp Center 2.5 2 Table Start Freq 12.51 MHz 13.51 MHz 18.01 MHz
Loc		oan 100.00 MHz 01 pts Freq (Hz)	Sp 20/ ΔLimit(dB) () ()	dBm 	Freq (Hz) -12.52 M -13.51 M	z ∆Limit(dB) (-8.98) (-15.25)	er m / 25 MH dBm -21.98 -28.25	Char Powe 25.60 dB Integ BW 510.0 kHz 1.000 MHz	50851 GHz • Stop Freq 13.51 MHz 18.01 MHz	50.0 60.0 2 Table Start Freq 12.51 MHz 13.51 MHz

25 M_Band Edge_Lower_Low_BPSK_FullRB(1)



Corr Preamp: Off Gate: Off Avg[Hold: 100.00% of 20 Ref: Int (S) IF Gain: Low Radio Std: None	g Hold: 100.00% of :	Gate: Off		Prea (S)	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Input: RF Coupling: DC Align: Auto	
Ref Lvi Offset 34.30 dB						٠	Graph
Ref Value 30.0 dBm		n	lue 30.0 dBi	Ref Va		3	cale/Div 10 de
mmmmm		mmy	mm	m			-09 20.0 10.0 0.00
Absolute Limit	·····						-10.0 -20.0 -30.0
Charles and the second se				4 · · · · ·	Same and a state of the state o		40.0
							50.0
Chan Det: Average , #Offs Det: Average Span 100.00 MHz 2001 pts		Det: Average	rage, #Offs	n Det: Aver			50.0
		Det: Average		r	Char Powe		50.0 60.0 Disp Center 2.5
2001 pts Power 60 dBm / 25 MHz Lower Upper	200 Upper		Lower	er m / 25 MHz	Char Powe 25.60 dBr	0851 GHz	50.0 60.0 Disp Center 2.5 2 Table
2001 pts Power 60 dBm / 25 MHz Lower Upper W dBm ΔLimit(dB) Freq (Hz)	200 Upper n ∆Limit(dB)	Freq (Hz)	Lower ∆Limit(dB)	er m / 25 MHz	Char Powe 25.60 dBr Integ BW	0851 GHz Stop Freq	50 0 60 0 Disp Center 2.5 2 Table Start Freq
2001 pts Power 60 dBm / 25 MHz Lower Upper W dBm ΔLimit(dB) Freq (Hz) kHz -25.78 (-15.78) 12.51 M	200 Upper n ∆Limit(dB) .78 (-15.78)	Freq (Hz)	Lower ∆Limit(dB) ()	r m / 25 MHz dBm 	Char Powe 25.60 dBr Integ BW 510.0 kHz	0851 GHz Stop Freq 13.50 MHz	50 0 50 0 Disp Center 2.5 2 Table Start Freq 12.50 MHz
Z001 pts Power Upper 60 dBm / 25 MHz Lower Upper W dBm ΔLimit(dB) Freq (Hz) dBm ΔLimit(dB) Freq (Hz) kHz 25.78 (-15.78) 12.51 M M μHz 30.70 (-20.70) 13.50 M M	200 Upper n ∆Limit(dB) .78 (-15.78) .70 (-20.70)	Freq (Hz)	Lower ∆Limit(dB) ()	er m / 25 MHz dBm 	Char Powe 25.60 dBr Integ BW 510.0 kHz 1.000 MHz	0851 GHz V Stop Freq 13.50 MHz 17.50 MHz	50 0 60 0 Disp Center 2.5 2 Table Start Freq 12.50 MHz 13.50 MHz
Z001 pts Power Comparing the state of the sta	Upper n ∆Limit(dB) .78 (-15.78) .70 (-20.70) .83 (-18.83)	Freq (Hz)	Lower ∆Limit(dB) () ()	r m / 25 MHz dBm 	Char Powe 25.60 dBr Integ BW 510.0 kHz 1.000 MHz 1.000 MHz	Stop Freq 13.50 MHz 37.50 MHz	50 0 Disp Center 2.5 2 Table Start Freq 12.50 MHz 13.50 MHz 17.50 MHz
Dower 2001 pts 60 dBm / 25 MHz Lower Upper W dBm ΔLimit(dB) Freq (Hz) dBm ΔLimit(dB) Freq (Hz) kHz () 25.78 (-15.78) 12.51 M uHz () -30.70 (-20.70) 13.50 M uHz () -31.83 (-18.83) 21.90 M uHz () -35.26 (-10.26) 42.50 M	Upper h ΔLimit(dB) 78 (-15.78) 70 (-20.70) 83 (-18.83) 26 (-10.26)	Freq (Hz)	z ΔLimit(dB) () () ()	r m / 25 MHz dBm 	Char Powe 25.60 dBr Integ BW 510.0 kHz 1.000 MHz	0851 GHz V Stop Freq 13.50 MHz 17.50 MHz	50 0 60 0 Disp Center 2.5 2 Table Start Freq 12.50 MHz 13.50 MHz

25 M_Band Edge_Upper_Low_BPSK_FullRB(1)



Spectrum Analy SEM	zer 1 🔻	+							₽	Frequency	- 1 😤
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Pre	en: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51250 Id: 100.00% of Std: None		Center Fre 2.512500 CF Step		Settings
1 Graph Scale/Div 10 dl	, B			vi Offset 34 alue 30.0 di					8.400000	MHz	
20.0			٨					Absolute Limit	Man		
10.0									Freq Offse 0 Hz	t	
-10.0									0112		
-30.0 -40.0	and the second	^	have	man	man	- A		Spectrum			
50.0 -60.0						a hindadha dalab					
Disp Center 2.5	51250 GHz	Chan	Det: Ave	erage, #Off	s Det: Average			oan 84.000 MHz 101 pts			
2 Table	۲	Power 22.53 dBm	/ 25 MH	z							
				Lower			Upper				
Start Freq	Stop Freq		dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
12.50 MHz	13.50 MHz		-41.69	(-31.69)			()				
13.50 MHz	16.50 MHz		-35.77	(-25.77)			()				
16.50 MHz 22.00 MHz	22.00 MHz 42.00 MHz	1.000 MHz 1.000 MHz	-43.13 -37.86	(-30.13) (-12.86)			()				Local
12.50 MHz	42.00 MHz	270.0 kHz	-37.80	(-12.00)	-23.20 14	-43.61	(-93.61)	35.05 M			
12.50 MHZ	15 00 MHz	1 000 MHz		()			(-00.01)				
1 50		Jul 09, 2024 9:23:53 AM	\bigcirc	<u>\</u>							

25 M_Band Edge_Lower_Low_BPSK_1RB(2)



23-242-242	/zer 1	+								Frequency	· 1 🖸
EYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (\$ NFE: Adaptive	Prea 6)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51250 Id: 100.00% of Std: None		2.51250	requency 0000 GHz	Settings
Graph cale/Div 10 d	r B			/I Offset 34. Ilue 30.0 dE					CF Step 10.0000 Auto		
. og								Relative Limit	Mar		
0.0									Freq Offs 0 Hz	set	
0.0								Absolute Limit			
0.0				<u>^</u>	٨			Spectrum			
0.0		Amelinter	of Mr	mount	mm/	and water and the second states and the seco	979144999505444499 ₀₀ 449				
60.0											
sp Center 2.	51250 GHz	Chan	Det: Ave	rage, #Offs	Det: Average			oan 100.00 MHz 01 pts			
Table	7	Power 22.62 dBm	/ 25 MH:	z							
				Lower			Upper				
	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
		30.00 kHz		()		-55.47	(-45.47)	12.90 M			
12.50 MHz	13.50 MHz			()		-42.09	(-32.09)	14.34 M			
12.50 MHz 13.50 MHz	17.50 MHz	1.000 MHz					(05 00)	045014			
12.50 MHz 13.50 MHz 17.50 MHz	17.50 MHz 37.50 MHz	1.000 MHz 1.000 MHz		()		-38.36	(-25.36)	34.50 M			Loc
12.50 MHz 13.50 MHz 17.50 MHz 37.50 MHz	17.50 MHz 37.50 MHz 50.00 MHz	1.000 MHz 1.000 MHz 1.000 MHz		()		-38.36 -39.60	(-14.60)	40.00 M			Loc
13.50 MHz 17.50 MHz	17.50 MHz 37.50 MHz	1.000 MHz 1.000 MHz		()		-38.36					Loc

25 M _Band Edge_Upper_Low_BPSK_1RB(2)



	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Pre S)	en: 20 dB amp: Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51250 bld: 100.00% o Std: None		-	Frequency 00000 GHz	Settings
Graph ale/Div 10 d	T			vl Offset 34 alue 30.0 dl					8.4000	00 MHz	
			Reiv	alue 30.0 ui	5111 			Absolute Limit	Au Ma		
0.0			pm	~~~~~	mm				Freq Of 0 Hz	fset	
0.0 0.0 0.0								Spectrum			
						Mallandersteine anente	Martin and Anthing	and the second			
0.0						a de la constante de	1964	A STATE A STATE OF ST			
0.0		Chan	Det: Ave	erage, #Off	s Det: Averag	9		oan 84.000 MHz			
- Constraint Constraint		Chan Power 25.23 dBr	•		s Det: Averag	3					
able	51250 GHz	Power 25.23 dBn	n / 25 MH	Iz Lower			20 Upper	01 pts			
able	51250 GHz V Stop Freq	Power 25.23 dBn Integ BW	n / 25 MH dBm	Iz Lower ∆Limit(dB)	Freq (Hz)	dBm	20 Upper ∆Limit(dB)				
able Start Freq 12.50 MHz	51250 GHz • Stop Freq 13.50 MHz	Power 25.23 dBn Integ BW 510.0 kHz	n / 25 MH dBm -20.73	Iz Lower ∆Limit(dB) (-10.73)	Freq (Hz) -12.51 M	dBm 	Upper ∆Limit(dB) ()	01 pts Freq (Hz) 			
able Start Freq 12.50 MHz 13.50 MHz	51250 GHz Stop Freq 13.50 MHz 16.50 MHz	Power 25.23 dBn Integ BW 510.0 kHz 1.000 MHz	dBm -20.73 -25.20	Iz Lower ∆Limit(dB) (-10.73) (-15.20)	Freq (Hz) -12.51 M -13.52 M	dBm 	20 Upper ∆Limit(dB) ()	01 pts Freq (Hz) 			
sp Center 2.5 Start Freq 12.50 MHz 13.50 MHz 16.50 MHz	51250 GHz Stop Freq 13.50 MHz 16.50 MHz 22.00 MHz	Power 25.23 dBm Integ BW 510.0 kHz 1.000 MHz 1.000 MHz	dBm -20.73 -25.20 -30.49	Iz △Limit(dB) (-10.73) (-15.20) (-17.49)	Freq (Hz) -12.51 M -13.52 M -21.89 M	dBm 	20 Upper ∆Limit(dB) () ()	01 pts Freq (Hz) 			Loo
5.0 0 5.0 Center 2.1 Fable Start Freq 12.50 MHz 13.50 MHz	51250 GHz Stop Freq 13.50 MHz 16.50 MHz	Power 25.23 dBn Integ BW 510.0 kHz 1.000 MHz	dBm -20.73 -25.20	Iz Lower ∆Limit(dB) (-10.73) (-15.20)	Freq (Hz) -12.51 M -13.52 M	dBm 	20 Upper ∆Limit(dB) () ()	01 pts Freq (Hz) 			Loc

25 M _Band Edge_Lower_Low_BPSK_FullRB(2)



Spectrum Analy SEM	zer 1 🔻	+								₿	Frequency	一般
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Prea	en: 20 dB amp: Off	Trig: Free Gate: Off IF Gain: L		Avg Ho	Freq: 2.512500 id: 100.00% of itd: None			Frequency 00000 GHz	Settings
1 Graph	•		Ref L\	vI Offset 34	.30 dB						, 000 MHz	
Scale/Div 10 dl	3			alue 30.0 de						Aut	lo	
20.0									Relative Limit	Ma	n	
10.0			m	nanan	mm					Freq Of 0 Hz	fset	
-10 0									Absolute Limit			
-30.0		Marrie Married				man nur	PTR BARANSING	ANNO SARASANA	Spectrum			
-40.0	- water	And a second of the second										
-60.0												
Disp Center 2.5	51250 GHz	Chan D	et: Ave	erage, #Off	s Det: Aver	age			an 100.00 MHz)1 pts			
2 Table	•	Power 25.24 dBm	25 MH	z								
				Lower				Upper				
Start Freq	Stop Freq		dBm	∆Limit(dB)	Freq (Hz)		iBm		Freq (Hz)			
12.50 MHz 13.50 MHz	13.50 MHz 17.50 MHz	510.0 kHz 1.000 MHz		()			27.36	(-17.36) (-20.62)	12.53 M 13.52 M			
17.50 MHz	37.50 MHz	1.000 MHz		()			30.82	(-20.62)	22.20 M			
37.50 MHz	50.00 MHz	1.000 MHz		()			34.83	(-9.83)	42.13 M			Local
12.50 MHz	50.00 MHz		-23.23	(-73.23)	-12.50 N			(-0.00)				
12 50 MHz	15 00 MHz	1 000 MHz		()	_			·)				
ר ד		? Jul 09, 2024 9:23:19 AM	\odot	<u>\</u>								

25 M _Band Edge_Upper_Low_BPSK_FullRB(2)





	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Prea	n: 20 dB amp: Off	Trig: Free Ri Gate: Off IF Gain: Low	1	vg Holo	reg: 2.59299 d: 100.00% of td: None		president and a second s	Frequency 90000 GHz	Settings
Graph			Refly	Offset 34.	30 dB					and the second second	9 000 MHz	
ale/Div 10 dl	в			lue 30.0 dB						Au		
g									Relative Limit	Ma		
0.0 00 00			m	YYYYYYY	WWWW,					Freq Of 0 Hz	lfset	
0.0									Absolute Limit			
0.0			1		~	~man	WWWWWW	an and a second and				
0.0								- HANNAN AND	Manage and all states and the sector			
sp Center 2.5	59299 GHz	Chan D	et: Ave	rage, #Offs	Det: Averag	e			an 100.00 MHz 01 pts			
		Power										
[able		25.70 dBm /	25 MH	z								
lable 🛛				Lower				Upper				
lable -								∆Limit(dB)	Freq (Hz)			
Start Freq	Stop Freq			∆Limit(dB)	Freq (Hz)							
Start Freq 12.50 MHz	13.50 MHz	510.0 kHz	18.12	∆Limit(dB) (-8.12)	-12.51 M	-2	2.60	(-12.60)	12.51 M			
Start Freq 12.50 MHz 13.50 MHz	13.50 MHz 17.50 MHz	510.0 kHz 1.000 MHz	18.12 19.55	∆Limit(dB) (-8.12) (-9.55)	-12.51 M -14.48 M	-2	2.60 2.67	(-12.60) (-12.67)	12.51 M 13.50 M			
Start Freq 12.50 MHz	13.50 MHz	510.0 kHz 1.000 MHz 1.000 MHz	18.12 19.55 21.41	∆Limit(dB) (-8.12)	-12.51 M	-2 -2 -2	2.60 2.67 3.97	(-12.60)	12.51 M			
Start Freq 12.50 MHz 13.50 MHz	13.50 MHz 17.50 MHz	510.0 kHz 1.000 MHz 1.000 MHz 1.000 MHz	18.12 19.55	∆Limit(dB) (-8.12) (-9.55)	-12.51 M -14.48 M	-2 -2 -2	2.60 2.67	(-12.60) (-12.67)	12.51 M 13.50 M			Lo
Start Freq 12.50 MHz 13.50 MHz 17.50 MHz	13.50 MHz 17.50 MHz 37.50 MHz	510.0 kHz 1.000 MHz 1.000 MHz	18.12 19.55 21.41	∆Limit(dB) (-8.12) (-9.55) (-8.41)	-12.51 M -14.48 M -23.50 M	-2 -2 -2	2.60 2.67 3.97	(-12.60) (-12.67) (-10.97)	12.51 M 13.50 M 17.50 M			Lo

25 M_Band Edge_Mid_BPSK_FullRB





MHz
No. of Concession, Name
Lo

25 M_Band Edge_High_BPSK_1RB



Spectrum Analy SEM		+							\$	Frequency	· · · 🔡
KEYSIGHT RL ++- M PASS	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S NFE: Adaptive	Pre	en: 20 dB amp. Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg H	r Freq: 2.67750 old: 100.00% o Std: None		2.6775	Frequency 00000 GHz	Settings
Graph									CF Step) 000 MHz	
cale/Div 10 dl				vi Offset 34. alue 30.0 dB					Contraction of the local division of the loc		
	.		Rei vi	alue 50.0 uB				Relative Limit	Au Ma		
.og											
10.0			m	AMMAN	mm				Freq Of	fset	
0.00									0 Hz		
10.0											
20.0			1					Absolute Limit			
30.0 40.0	and the second second second second				~	ANALANA ANALANA	THE STREET	Spectrum			
								and a first and the second second			
50.0 60.0											
isp Center 2.6	67750 GHz	Chan I	Det: Ave	erage, #Offs	Det: Average			oan 100.00 MHz 101 pts			
Table	v	Power									
		25.66 dBm	/ 25 MH	lz							
				Lower			Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			_
12.50 MHz	13.50 MHz		-19.96	(-9.96)	-12.54 M	-26.46	(-16.46)	12.51 M			_
13.50 MHz	17.50 MHz		-23.62	(-13.62)	-13.50 M	-28.95		13.50 M			
17.50 MHz	37.50 MHz		-27.85	(-14.85)	-24.20 M	-32.75		17.60 M			1.00
37.50 MHz	50.00 MHz		-37.76	(-12.76)	-37.69 M	-39.89	(37.69 M			Loca
8.000 MHz	12.50 MHz	1.000 MHz		()			- ()				
	15 00 MHz	1 000 MHz		()		_	()				
12 50 MH7	IS OUT MHZ	May 28, 2024			2012/2						

25 M_Band Edge_High_BPSK_FullRB



T PASS	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Atten: 2 Preamp)		Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.511000 Id: 100.00% of Std: None		provide a second s	Frequency 00000 GHz	Settings
Graph			Ref LvI C	Offset 34.	30 dB					000 MHz	
cale/Div 10 d	в		Ref Valu	a 30.0 dE	m				Aut	0	
.og								Absolute Limit	Ma		
10.0			Δ						Freq Off	cot	
0.00									0 Hz	501	
10.0									0 HZ		
20.0											
30.0				4	A						
40.0		0	1 1					Spectrum			
50.0		man contraction	1	AND IN	www.when		the spin should be a	Spectrum			
60.0			·								
isp Center 2.	51100 GHz	Chan I	Det: Avera	ge, #Offs	Det: Average			an 120.00 MHz 11 pts			
	V	Power 21.90 dBm	/ 30 MHz								
Table				Lower			Upper				
Table							AL instit/dD)	Freq (Hz)			
Start Freq	Stop Freq			.imit(dB)	Freq (Hz)	dBm	∆Limit(dB)				
Start Freq 15.00 MHz	16.00 MHz	30.00 kHz	-43.50	(-30.50)	-15.02 M	dBm 	∆Limit(dB) ()				
15.00 MHz 16.00 MHz	16.00 MHz 20.50 MHz	30.00 kHz 1.000 MHz	-43.50 -37.78	(-30.50) (-24.78)	-15.02 M -16.00 M		() ()				
Start Freq 15.00 MHz 16.00 MHz 20.50 MHz	16.00 MHz 20.50 MHz 60.00 MHz	30.00 kHz 1.000 MHz 1.000 MHz	-43.50 -37.78 -38.53	(-30.50) (-24.78) (-13.53)	-15.02 M -16.00 M -27.81 M		() ()				
Start Freq 15.00 MHz 16.00 MHz 20.50 MHz 15.00 MHz	16.00 MHz 20.50 MHz 60.00 MHz 60.00 MHz	30.00 kHz 1.000 MHz 1.000 MHz 430.0 kHz	-43.50 -37.78 -38.53 	(-30.50) (-24.78) (-13.53) ()	-15.02 M -16.00 M		() () (-90.82)				Loc
Start Freq 15.00 MHz 16.00 MHz 20.50 MHz	16.00 MHz 20.50 MHz 60.00 MHz	30.00 kHz 1.000 MHz 1.000 MHz	-43.50 -37.78 -38.53	(-30.50) (-24.78) (-13.53)	-15.02 M -16.00 M -27.81 M		() ()				Loo

30 M_Band Edge_Lower_Low_BPSK_1RB(1)



PASS	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Prea	n: 20 dB imp. Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.511000 old: 100.00% of Std: None		president and a second second	requency 0000 GHz	Settings
Graph	•		Ref Lv	I Offset 34.3	30 dB					00 MHz	
cale/Div 10 dl	3		Ref Va	lue 30.0 dB	m				Auto	2	
.og								Relative Limit	Mar		
10.0 0.00									Freq Off 0 Hz	set	
10.0								Absolute Limit			
30.0				A	٨			Spectrum			
10.0 50.0		menenterman	N WW	when when put	mandaman 1			Approx 10 Monte Company Contracting Comments of the			
50.0											
isp Center 2.5	51100 GHz	Chan I	Det: Ave	rage, #Offs	Det: Average			an 120.00 MHz 01 pts			
Table	•	Power 22.40 dBm	/ 30 MH;	4							
lubio				Lower			Upper				
								Error (Lim)			
Start Freq	Stop Freq		dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
Start Freq 15.00 MHz	16.00 MHz	30.00 kHz		∆Limit(dB) ()		-55.60	(-45.60)	15.72 M			
Start Freq 15.00 MHz 16.00 MHz	16.00 MHz 20.00 MHz	30.00 kHz 1.000 MHz		∆Limit(dB) () ()	0	-55.60 -42.17	(-45.60) (-32.17)	15.72 M 18.90 M			_
Start Freq 15.00 MHz 16.00 MHz 20.00 MHz	16.00 MHz 20.00 MHz 45.00 MHz	30.00 kHz 1.000 MHz 1.000 MHz	-	∆Limit(dB) () ()	() () ()	-55.60 -42.17 -37.47	(-45.60) (-32.17) (-24.47)	15.72 M 18.90 M 41.75 M			
Start Freq 15.00 MHz 16.00 MHz 20.00 MHz 45.00 MHz	16.00 MHz 20.00 MHz 45.00 MHz 60.00 MHz	30.00 kHz 1.000 MHz 1.000 MHz 1.000 MHz	-	∆Limit(dB) () () ()	1	-55.60 -42.17 -37.47 -39.23	(-45.60) (-32.17) (-24.47) (-14.23)	15.72 M 18.90 M			Loc
Start Freq 15.00 MHz 16.00 MHz 20.00 MHz	16.00 MHz 20.00 MHz 45.00 MHz	30.00 kHz 1.000 MHz 1.000 MHz 1.000 MHz	-	∆Limit(dB) () ()	() () ()	-55.60 -42.17 -37.47	(-45.60) (-32.17) (-24.47) (-14.23)	15.72 M 18.90 M 41.75 M			Loc

30 M_Band Edge_Upper_Low_BPSK_1RB(1)



Coupling: DC Corr CCorr Preamp: Off Gat	e: Off Av	enter Freq: 2.511000 g[Hold: 100.00% of adio Std: None		Center Fre		Settings
Ref LvI Offset 34.30 dB				CF Step 12.00000	0 MHz	
0 dB Ref Value 30.0 dBm				Auto		
			Aasolute Limit	Man		
	m			Freq Offse 0 Hz	:t	
ananananananan 1	portan	mander	Spectrum			
			- maren			
r 2.51100 GHz Chan Det: Average, #Offs Det:	Average		an 120.00 MHz 01 pts			
	Average					
r 2.51100 GHz Chan Det: Average, #Offs Det:	Average					
r 2.51100 GHz Chan Det: Average , #Offs Det: Power 25.61 dBm / 30 MHz Lower G Stop Freq Integ BW dBm △Limit(dB) Freq	(Hz) dBr	200 Upper n ∆Limit(dB)				
r 2.51100 GHz Chan Det: Average, #Offs Det: Power 25.61 dBm / 30 MHz Lower g Stop Freq Integ BW dBm Δ Limit(dB) Freq Hz 16.00 MHz 620.0 kHz -22.74 (-9.74) -15) (Hz) dBn 2.02 M	200 Upper n ΔLimit(dB) ()	01 pts			
r 2.51100 GHz Chan Det: Average, #Offs Det: Power 25.61 dBm / 30 MHz Lower q Stop Freq Integ BW dBm ΔLimit(dB) Freq Hz 16.00 MHz 620.0 kHz -22.74 (-9.74) -15 Hz 20.50 MHz 1.000 MHz -28.99 (-15.99) -16	(Hz) dBr .02 M .00 M	200 Upper n ∆Limit(dB) () ()	11 pts Freq (Hz) 			
r 2.51100 GHz Chan Det: Average, #Offs Det: Power 25.61 dBm / 30 MHz A Stop Freq Integ BW dBm ΔLimit(dB) Freq 16.00 MHz 620.0 kHz -22.74 (-9.74) -15 Hz 20.50 MHz 1.000 MHz -28.99 (-15.99) -16 Hz 60.00 MHz 1.000 MHz -29.51 (-4.51) -20	(Hz) dBn .02 M .00 M .90 M	200 Upper n ∆Limit(dB) () ()	11 pts Freq (Hz) 			
r 2.51100 GHz Chan Det: Average, #Offs Det: Power 25.61 dBm / 30 MHz Lower q Stop Freq Integ BW dBm ΔLimit(dB) Freq Hz 16.00 MHz 620.0 kHz -22.74 (-9.74) -15 Hz 20.50 MHz 1.000 MHz -28.99 (-15.99) -16	(Hz) dBr .02 M .00 M	200 Upper n ∆Limit(dB) () ()	11 pts Freq (Hz) 			Loc

30 M_Band Edge_Lower_Low_BPSK_FullRB(1)



Settings	enter Frequency 511000000 GHz F Step		Freq: 2.511000 ld: 100.00% of Std: None	Avg	Trig: Free Gate: Off IF Gain: Lo	n: 20 dB amp: Off	Prea (S)	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Input: RF Coupling: DC Align: Auto	EYSIGHT L ++- PASS
	2.000000 MHz					I Offset 34. Iue 30.0 dB			T.	Graph cale/Div 10 di
	Auto Man	Relative Limit				iue 50.0 uB	Rei Va			_og 20.0
	req Offset Hz				my	mm	m			10.0
		Absolute Limit								10.0
		Spectrum		~~~~~			m	monthe		30.0 40.0
										50.0
		an 120.00 MHz		e	Det: Avera	rage, #Offs	n Det: Ave	Char	51100 GHz	oisp Center 2.5
		01 pts	200					Powe		? Table
		01 pts	200			z	er im / 30 MH;			
			Upper			Lower	m / 30 MH;	25.61 dB		
		Freq (Hz)	Upper ∆Limit(dB)	dBm	Freq (Hz)	Lower ∆Limit(dB)	m / 30 MH; dBm	25.61 dB Integ BW	Stop Freq	Start Freq
		Freq (Hz) 15.46 M	Upper ∆Limit(dB) (-21.26)	-31.		Lower ∆Limit(dB) ()	m / 30 MH; dBm 	25.61 dB Integ BW 620.0 kHz	Stop Freq 16.00 MHz	Start Freq 15.00 MHz
		Freq (Hz) 15.46 M 19.04 M	Upper ∆Limit(dB) (-21.26) (-19.52)	-31. -29.		Lower ∆Limit(dB) ()	m / 30 MH; dBm 	25.61 dB Integ BW 620.0 kHz 1.000 MHz	Stop Freq 16.00 MHz 20.00 MHz	Start Freq 15.00 MHz 16.00 MHz
Los		Freq (Hz) 15.46 M 19.04 M 26.38 M	Upper ∆Limit(dB) (-21.26) (-19.52) (-17.23)	-31. -29. -30.		Lower ∆Limit(dB) () ()	m / 30 MH; dBm 	25.61 dB Integ BW 620.0 kHz 1.000 MHz 1.000 MHz	Stop Freq 16.00 MHz 20.00 MHz 45.00 MHz	Start Freq 15.00 MHz 16.00 MHz 20.00 MHz
Loo		Freq (Hz) 15.46 M 19.04 M	Upper ∆Limit(dB) (-21.26) (-19.52)	-31. -29.		Lower ∆Limit(dB) ()	m / 30 MH; dBm 	25.61 dB Integ BW 620.0 kHz 1.000 MHz	Stop Freq 16.00 MHz 20.00 MHz	Start Freq 15.00 MHz 16.00 MHz

30 M_Band Edge_Upper_Low_BPSK_FullRB(1)



Spectrum Analy. SEM	zer 1 🔻	+							Frequence	y • 🛞
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Prea	n: 20 dB amp: Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51500 Id: 100.00% o Std: None		Center Frequency 2.515000000 GHz CF Step	Settings
1 Graph Scale/Div 10 dl	r B			/I Offset 34 alue 30.0 di					8.900000 MHz	
20.0								Absolute Limit	Man	
10.0 0.00									Freq Offset 0 Hz	1
-10 0 -20.0 -30.0				A						
-40.0 50.0 -60.0	AND	······································	Manana	hand for	anangshara, sharar ng d	Withours	แพ ^{กเ} ษษูชุ่งให้หมุดเมตร	Spectrum դարդերի պահո ^{ւր} տուի		
Disp Center 2.5	51500 GHz	Chan I	Det: Ave	rage, #Off	s Det: Average	<u> </u>		oan 89.000 MHz)01 pts		
2 Table		Power 22.46 dBm	/ 30 MH:	z						
				Lower			Upper			
Start Freq	Stop Freq		dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)		
15.00 MHz 16.00 MHz	16.00 MHz 19.00 MHz	30.00 kHz 1.000 MHz	-44.36 -36.88	(-34.36)	-15.02 M		()			
19.00 MHz	24.50 MHz		-30.86	(-26.88) (-27.86)			() ()			
24.50 MHz	44.50 MHz		-37.93	(-12.93)	-27.80 M		()			Local
15.00 MHz	44.50 MHz	270.0 kHz		()		-43.54	(-93.54)	41.93 M		
12 50 MHz	15 00 MHz	1 000 MH7		()			()			
1) (Jul 09, 2024 9:36:21 AM	\bigcirc							

30 M_Band Edge_Lower_Low_BPSK_1RB(2)



Spectrum Analy. SEM	zer 1	+							Frequency	- 後
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Atten: 20 dB Preamp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51500 Id: 100.00% of Std: None		Center Fr 2.515000 CF Step	equency 0000 GHz	Settings
1 Graph	•		Ref LvI Offset 3	4.30 dB				12.00000	00 MHz	
Scale/Div 10 dl	в		Ref Value 30.0 c	IBm				Auto	2	
20.0							Relative Limit	Man		
10.0								Freq Offs 0 Hz	et	
-10 0							Absolute Limit			
-30.0 -40.0 50.0 -60.0		mana and Manus around a d	how	mmmal-			Spectrum			
Disp Center 2.5	51500 GHz	Chan De	t: Average , #Of	fs Det: Average			oan 120.00 MHz 01 pts			
2 Table		Power 21.36 dBm / 3	30 MHz							
			Lowe	۲°		Upper				
Start Freq	Stop Freq		3m ∆Limit(dB) Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
15.00 MHz	16.00 MHz	30.00 kHz	(/	-55.83	(-45.83)	15.04 M			
16.00 MHz	20.00 MHz	1.000 MHz	(,	-42.35	(-32.35)	19.38 M			
20.00 MHz	45.00 MHz 60.00 MHz	1.000 MHz 1.000 MHz	(-38.48	(-25.48)	41.50 M			Local
45.00 MHz 15.00 MHz	60.00 MHz		(-39.27	(-14.27)	47.48 M			Loodi
12.50 MHz	15 00 MHz	430.0 KHZ -3	(/		()				
 			\mathbb{D}							

30 M _Band Edge_Upper_Low_BPSK_1RB(2)



	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prea S)	en: 20 dB amp: Off	Trig: Free R Gate: Off IF Gain: Lov	1		req: 2.51500 I: 100.00% of d: None			Frequency 00000 GHz	Settings
Graph ale/Div 10 dl	v B			vi Offset 34. alue 30.0 dE						8.9000	00 MHz	I
10 0.0			*****	Johnson Parkadas	nan managaman an a				Absolute Limit	Ma Freq Off		
00		, , , , , , , , , , , , , , , , , , ,								0 Hz		
0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~				house	Saraha Marina	e.m. Augusta	Spectrum			
and the second se												
0.0												
0.0	51500 GHz	Chan	Det: Ave	erage, #Offs	s Det: Averag	e			an 89.000 MHz 01 pts			
p Center 2.5	51500 GHz	Chan Power 25.23 dBm			Det: Averag	e						
o p Center 2.5	•	Power 25.23 dBm	n / 30 MH	z				20 Upper	01 pts			
able	r Stop Freq	Power 25.23 dBm Integ BW	n / 30 MH dBm	z Lower ∆Limit(dB)	Freq (Hz)		3m	20 Upper ∆Limit(dB)				
o p Center 2.5 able Start Freq 15.00 MHz	Stop Freq 16.00 MHz	Power 25.23 dBm Integ BW 620.0 kHz	dBm -23.14	z Lower ∆Limit(dB) (-13.14)	Freq (Hz) -15.02 M			20 Upper ∆Limit(dB) ()	01 pts Freq (Hz) 			
o Denter 2.5 p Center 2.5 able Start Freq 15.00 MHz 16.00 MHz	Stop Freq 16.00 MHz 19.00 MHz	Power 25.23 dBm Integ BW 620.0 kHz 1.000 MHz	dBm -23.14 -27.05	z _Lower ∆Limit(dB) (-13.14) (-17.05)	Freq (Hz) -15.02 M -16.00 M		3m , 	20 Upper ∆Limit(dB) () ()	01 pts			
Denter 2.5 p Center 2.5 able Start Freq 15.00 MHz 16.00 MHz 19.00 MHz	Stop Freq 16.00 MHz	Power 25.23 dBm Integ BW 620.0 kHz	dBm -23.14	z Lower ∆Limit(dB) (-13.14)	Freq (Hz) -15.02 M			20 Upper ∆Limit(dB) ()	01 pts Freq (Hz) 			Lœ
0.0	Stop Freq 16.00 MHz 19.00 MHz 24.50 MHz	Power 25.23 dBm Integ BW 620.0 kHz 1.000 MHz 1.000 MHz	dBm -23.14 -27.05 -30.16	z _Lower △Limit(dB) (-13.14) (-17.05) (-17.16)	Freq (Hz) -15.02 M -16.00 M -24.12 M	dE	 	20 Upper ∆Limit(dB) () ()	01 pts Freq (Hz) 			Loc

30 M _Band Edge_Lower_Low_BPSK_FullRB(2)



Spectrum Analy. SEM	zer 1 🔻	+								Frequency	▼
	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Prea	n: 20 dB imp: Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg Hc	Freq: 2.515000 old: 100.00% of Std: None			requency 0000 GHz	Settings
1 Graph Scale/Div 10 dl	т В			l Offset 34. lue 30.0 dE						00 MHz	
20.0								Relative Limit	Mar		
10.0			from		www				Freq Offs 0 Hz	set	
-10.0								Absolute Limit			
-30.0		and the second second	mark .		\	- mannen	man min	Spectrum			
50.0											
-60.0											
Disp Center 2.5	51500 GHz	Chan	Det: Ave	rage, #Offs	Det: Average			an 120.00 MHz 01 pts			
2 Table	۲	Power 25.22 dBm	/ 30 MHz	Z							ſ
				Lower			Upper				
Start Freq	Stop Freq			∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
15.00 MHz 16.00 MHz	16.00 MHz 20.00 MHz	620.0 kHz 1.000 MHz		()		-32.25	(-22.25) (-22.82)	15.01 M 16.02 M			
20.00 MHz	45.00 MHz	1.000 MHz		()		-32.82	(-22.02)	23.00 M			
45.00 MHz	60.00 MHz	1.000 MHz		()		-35.77	(-10.77)	49.73 M			Local
15.00 MHz	60.00 MHz	430.0 kHz	-25.41	(-75.41)	-15.00 M		()				
12 50 MHz	15 00 MHz	1 000 MHz		()			<u>`</u> `				
1 5		Jul 09, 2024 9:35:47 AM	$\bigcirc \bigcirc$	<u> </u>							

30 M _Band Edge_Upper_Low_BPSK_FullRB(2)





	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S NFE: Adaptive	Pre	en: 20 dB amp. Off	Trig: Free Ru Gate: Off IF Gain: Low	Avg F	r Freq: 2.59299 lold: 100.00% o Std: None		press and a second second second	requency 90000 GHz	Settings
Graph	÷		PofI	vl Offset 34.	30 dB					000 MHz	
ale/Div 10 dl	3			alue 30.0 dB					Aut		
g								Relative Limit	Mai		
0.0			m	~~~~~	mm				Freq Off 0 Hz	set	
0.0								Absolute Limit			
0.0			-/		1	-			1.1		
0.0	- And						mmummum	Spectrum			
0.0											
0.0											
sp Center 2.	59299 GHz	Chan I	Det: Ave	erage, #Offs	Det: Average	•		oan 120.00 MHz 101 pts			
Table	.	Power									
		25.69 dBm	/ 30 MH	lz							
				Lower			Upper				
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
15.00 MHz	16.00 MHz		-19.81	(-9.81)	-15.02 M	-28.37		15.04 M			
16.00 MHz	20.00 MHz	1.000 MHz	-23.41	(-13.41)	-16.02 M	-27.52		16.42 M			14
	45.00 MHz		-24.68	(-11.68)	-28.88 M	-30.53	(23.38 M			
20.00 MHz	60.00 MHz	1.000 MHz	-36.45	(-11.45)	-45.08 M	-37.28	(-12.28)	48.30 M			Loc
45.00 MHz		4 000 1411-		()			- ()				
	12.50 MHz	1.000 MHz 1.000 MHz		()			()				

30 M_Band Edge_Mid_BPSK_FullRB





	nput: RF Coupling: DC Nign: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prea (S)	en: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Hok	reg: 2.674980 d: 100.00% of 2 td: None		president and a state of the st	requency 0000 GHz	Settings	
iraph ale/Div 10 dB	•			vi Offset 34. alue 30.0 dB						00 MHz		
g								Relative Limit	Mar			
.0									Freq Offs 0 Hz	set	1	
.0								Absolute Limit				
.0			γAw	www	mm -	~~~		Spectrum				
.0	7498 GHz	Chan	L		Det: Average			Spectrum In 120.00 MHz 1 pts				
.0 .0 .0	7498 GHz	Chan Powe 22.35 dBr	Det: Ave	erage, #Offs	N			n 120.00 MHz				
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Powe	Det: Ave	erage, #Offs	N			n 120.00 MHz				
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Y Stop Freq	Power 22.35 dBr Integ BW	n Det: Ave r m / 30 MH dBm	erage , #Offs iz ⊥Lower ∆Limit(dB)	s Det: Average Freq (Hz)		200 Upper ∆Limit(dB)	n 120.00 MHz 1 pts Freq (Hz)				
p Center 2.67 able Start Freq 15.00 MHz	Stop Freq 16.00 MHz	Powe 22.35 dBr Integ BW 30.00 kHz	n Det: Ave r m / 30 MH dBm -53.70	erage , #Offs Iz Lower ∆Limit(dB) (-43.70)	Freq (Hz) -15.96 M	-45.03	200 Upper ∆Limit(dB) (-35.03)	n 120.00 MHz 1 pts Freq (Hz) 15.01 M				
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Stop Freq 16.00 MHz 20.00 MHz	Powe 22.35 dBr Integ BW 30.00 kHz 1.000 MHz	r n / 30 MH dBm -53.70 -38.46	erage, #Offs Lower ∆Limit(dB) (-43.70) (-28.46)	Freq (Hz) -15.96 M -16.80 M	-45.03 -38.15	200 Upper ∆Limit(dB) (-35.03) (-28.15)	n 120.00 MHz 1 pts Freq (Hz) 15.01 M 16.00 M				
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Stop Freq 16.00 MHz 20.00 MHz 45.00 MHz	Power 22.35 dBr Integ BW 30.00 kHz 1.000 MHz 1.000 MHz	r m / 30 MH -53.70 -38.46 -37.43	z Lower ∆Limit(dB) (-43.70) (-28.46) (-24.43)	Freq (Hz) -15.96 M -24.75 M	-45.03 -38.15 -34.16	200 Upper ∆Limit(dB) (-35.03) (-28.15) (-21.16)	n 120.00 MHz 1 pts Freq (Hz) 15.01 M 16.00 M 27.75 M				
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Stop Freq 16.00 MHz 20.00 MHz	Powe 22.35 dBr Integ BW 30.00 kHz 1.000 MHz	r n / 30 MH dBm -53.70 -38.46	erage, #Offs Lower ∆Limit(dB) (-43.70) (-28.46)	Freq (Hz) -15.96 M -16.80 M	-45.03 -38.15	200 Upper ∆Limit(dB) (-35.03) (-28.15)	n 120.00 MHz 1 pts Freq (Hz) 15.01 M 16.00 M			Loo	

30 M_Band Edge_High_BPSK_1RB



	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Pre S)	n: 20 dB amp: Off	Trig: Free R Gate: Off IF Gain: Lov	Avg I	er Freq: 2.67498 Hold: 100.00% o Std: None			Frequency 80000 GHz	Settings
Graph	•			vl Offset 34.						, 000 MHz	
cale/Div 10 dl	3		Ref V	alue 30.0 dB	m	1		Relative Limit	Aut Ma		
og 0.0 0.0			pen	nananana	annang				Freq Off 0 Hz		
0.0		anternation Perio				\sim	~~~	Absolute Limit			
0.0 0.0 0.0								Spectrum			
sp Center 2.6	7498 GHz	Chan	Det: Ave	erage, #Offs	Det: Averag	e		pan 120.00 MHz 001 pts			
	v	Power	×.								
Table		25.64 dBn	n / 30 MH	z							
Table				Lower			Upper				
							AL impit/dD)	Freq (Hz)			
Start Freq	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)				
Start Freq 15.00 MHz	16.00 MHz	620.0 kHz	-20.25	(-10.25)	-15.01 M	-27.89	(-17.89)	15.57 M			
Start Freq 15.00 MHz 16.00 MHz	16.00 MHz 20.00 MHz	620.0 kHz 1.000 MHz	-20.25 -22.27	(-10.25) (-12.27)	-15.01 M -18.76 M	-27.89 -24.84	(-17.89) (-14.84)	15.57 M 17.50 M			
Start Freq 15.00 MHz 16.00 MHz 20.00 MHz	16.00 MHz 20.00 MHz 45.00 MHz	620.0 kHz 1.000 MHz 1.000 MHz	-20.25 -22.27 -23.81	(-10.25) (-12.27) (-10.81)	-15.01 M -18.76 M -20.25 M	-27.89 -24.84 -30.11	e (-17.89) 4 (-14.84) 1 (-17.11)	15.57 M 17.50 M 25.25 M			Loc
Start Freq 15.00 MHz 16.00 MHz	16.00 MHz 20.00 MHz	620.0 kHz 1.000 MHz	-20.25 -22.27	(-10.25) (-12.27)	-15.01 M -18.76 M	-27.89 -24.84	(-17.89) (-14.84) (-17.11) (-18.19)	15.57 M 17.50 M			Loc

30 M_Band Edge_High_BPSK_FullRB



L +++ PASS	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prei S)	n: 20 dB amp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51601 old: 100.00% of Std: None		2.5160	Frequency 10000 GHz	Settings
Graph			Ref L	/I Offset 34.	30 dB				CF Step 16.000	000 MHz	
ale/Div 10 d	в		Ref Va	alue 30.0 dB	lm					Auto	
0.0								Absolute Limit	Ma		
0.0									Freq Of 0 Hz	fset	
0.0		r									
0.0				٨	Δ						
0.0		manna	-1 m	mark		h					
0.0		and annound			NAME AND A		moun	Spectrum			
0.0											
sp Center 2.	51601 GHz	Chan	Det: Ave	rage, #Offs	Det: Average			an 160.00 MHz 01 pts			
lable -	×	Power 23.16 dBn		z							
				Lower			Upper				
	Stop Freq	Integ BW	dBm	∆Limit(dB)	Freq (Hz)	dBm	∆Limit(dB)	Freq (Hz)			
			10 01	(-30.81)	-20.01 M		()				
20.01 MHz	21.01 MHz	30.00 kHz	-43.81				()				1.00
20.01 MHz 21.01 MHz	21.01 MHz 25.51 MHz	1.000 MHz	-37.36	(-24.36)	-21.03 M						
20.01 MHz 21.01 MHz 25.51 MHz	21.01 MHz 25.51 MHz 80.00 MHz	1.000 MHz 1.000 MHz	-37.36 -38.93	(-24.36) (-13.93)	-37.76 M		()	I			Loo
21.01 MHz	21.01 MHz 25.51 MHz	1.000 MHz	-37.36	(-24.36)				27.16 M			Loc

40 M_Band Edge_Lower_Low_BPSK_1RB(1)



NFE: Adaptive CF Step	
T Ref Lvl Offset 34.30 dB 16.000000 MH	iz
Ref Value 30.0 dBm	
Relative Limit Man	
Freq Offset 0 Hz	
Absolute Limit	
A sector Spectrum	
01 GHz Chan Det: Average, #Offs Det: Average Span 160.00 MHz 2001 pts	
Lower Upper	
Stop Freq Integ BW dBm ∆Limit(dB) Freq (Hz) dBm ∆Limit(dB) Freq (Hz)	
21.00 MHz 30.00 kHz ()54.70 (-44.70) 20.49 M	
25.00 MHz 1.000 MHz ()40.73 (-30.73) 23.98 M	
60.00 MHz 1.000 MHz ()37.55 (-24.55) 26.93 M	Loc
80.00 MHz 1.000 MHz ()44.42 (-19.42) 60.10 M	200
80.00 MHz 560.0 kHz -31.08 (-81.08) -20.00 M ()	

40 M_Band Edge_Upper_Low_BPSK_1RB(1)



Graph Ref Lvi Offset 34.30 dB Scale/Div 10 dB Ref Value 30.0 dBm -00 Auto 000 Auto 10.0 Power 25.0 DBm / 40 MHz 200 Power 25.59 dBm / 40 MHz Lower 200 Upper Upper 25.59 dBm / 40 MHz Lower 20.01 MHz 21.01 MHz 21.01 MHz 22.00 Hz 21.01 MHz 22.00 Hz 21.01 MHz 22.088 21.01 MHz 28.261 MHz	PASS	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (NFE: Adaptive	Prea S)	n: 20 dB imp: Off	Trig: Free Run Gate: Off IF Gain: Low	Avg Ho	Freq: 2.51601 Id: 100.00% of Std: None		Center Frequence 2.516010000 G	Setungs
Old Ausduite Lumin Main 000 <				Ref Lv	I Offset 34.3	0 dB					2)
One Freq Offset 0 Hz 0.0		В		Ref Va	lue 30.0 dB	n					
One Freq Offset 0 Hz 0.0	0.0								Absolute Limit	Man	
O Hz 0 Hz				m	vvvvvvv	www.ww				Freq Offset	
One Sector Sp Center 2.51601 GHz Chan Det: Average, #Offs Det: Average Span 160.00 MHz sp Center 2.51601 GHz Chan Det: Average, #Offs Det: Average Span 160.00 MHz Table Power 2001 pts Table Power 2010 pts Start Freq Integ BW dBm ALimit(dB) Freq (Hz) dBm 20.01 MHz 21.01 MHz 820.0 kHz -22.88 1.000 MHz -28.86 (-15.86) -21.03 M										0 Hz	
Sector Sector Sigo Sector Sigo Sector Sigo Sector Sigo Sector Sigo Span 160.00 MHz Solo Span 160.00 MHz 2001 pts 2001 pts Table Y Power 25.59 dBm / 40 MHz Start Freq Stop Freq 1nteg BW dBm Alimit(dB) Freq (Hz) 21.01 MHz 21.01 MHz 21.01 MHz 25.51 MHz 1.000 MHz -22.88 (-15.86) -21.03 M			r								_
Vitro for further for the function of t											
Start Freq Stop Freq Integ BW dBm ALlimit(dB) Freq (Hz) Upper 21.01 MHz 25.51 MHz 1.000 MHz -22.88 (-15.86) -21.03 M ()			10000000000000000000000000000000000000			withow	within the still	and a second	Spectrum		
Bip Center 2.51601 GHz Chan Det: Average , #Offs Det: Average Span 160.00 MHz 2001 pts Case Power 2001 pts Start Freq Stop Freq Integ BW dBm Lower Upper 20.01 MHz 21.01 MHz 820.0 kHz -22.88 (-9.88) -20.01 M () 21.01 MHz 25.51 MHz 1.000 MHz -28.86 (-15.86) -21.03 M ()		W	VUINIUUUUUUUU				alt to the fair fair	bit of	homomous		
Disp Center 2.51601 GHz Chan Det: Average , #Offs Det: Average Span 160.00 MHz 2 Table Power 2001 pts 2 Table Power 25.59 dBm / 40 MHz Start Freq Stop Freq Integ BW dBm Limit(dB) Freq (Hz) dBm Limit(dB) Freq (Hz) 20.01 MHz 21.01 MHz 820.0 kHz -22.88 (-9.88) -20.01 M											
2 Table Power 25.59 dBm / 40 MHz 2 Table 25.59 dBm / 40 MHz Start Freq Stop Freq Integ BW 0.01 MHz 21.01 MHz 820.0 KHz -22.88 (-9.88) -20.01 M 21.01 MHz 25.51 MHz 1.000 MHz -28.86 (-15.86) -21.03 M ()		51601 GH7	Chan	Dot: Ave		Det: Average		Sr	oan 160 00 MHz		
25.59 dBm / 40 MHz Lower Upper Start Freq Stop Freq MBm Lower Upper Start Freq Stop Freq MBm ΔLimit(dB) Freq (Hz) dBm ΔLimit(dB) Freq (Hz) 20.01 MHz 21.01 MHz 820.0 kHz -22.88 (-9.88) -20.01 M () 21.01 MHz 25.51 MHz 1.000 MHz -28.86 (-15.86) -21.03 M ()	hap Genter Zie	1001 0112	Gilan	Det. Are	age, no ns	Det. Average					
Start Freq Stop Freq Integ BW dBm \DeltaLimit(dB) Freq (Hz) dBm \DeltaLimit(dB) Freq (Hz) 20.01 MHz 21.01 MHz 820.0 kHz -22.88 (-9.88) -20.01 M () 21.01 MHz 25.51 MHz 1.000 MHz -28.86 (-15.86) -21.03 M ()											
20.01 MHz 21.01 MHz 820.0 kHz -22.88 (-9.88) -20.01 M () 21.01 MHz 25.51 MHz 1.000 MHz -28.86 (-15.86) -21.03 M ()	! Table	T			2						
21.01 MHz 25.51 MHz 1.000 MHz -28.86 (-15.86) -21.03 M ()	Table	Ţ	25.59 dBn								
	Start Freq	Stop Freq	25.59 dBn Integ BW	dBm	Lower ∆Limit(dB)		dBm	∆Limit(dB)	Freq (Hz)		
	Start Freq 20.01 MHz	Stop Freq 21.01 MHz	25.59 dBn Integ BW 820.0 kHz	dBm -22.88	Lower ∆Limit(dB) (-9.88)	-20.01 M		∆Limit(dB) ()	Freq (Hz)		
	Start Freq 20.01 MHz 21.01 MHz	Stop Freq 21.01 MHz 25.51 MHz	25.59 dBn Integ BW 820.0 kHz 1.000 MHz	dBm -22.88 -28.86	Lower ∆Limit(dB) (-9.88) (-15.86)	-20.01 M -21.03 M		∆Limit(dB) () ()			
	Start Freq 20.01 MHz 21.01 MHz 25.51 MHz	Stop Freq 21.01 MHz 25.51 MHz 80.00 MHz	25.59 dBm Integ BW 820.0 kHz 1.000 MHz 1.000 MHz	dBm -22.88 -28.86 -30.88	Lower ∆Limit(dB) (-9.88) (-15.86) (-5.88)	-20.01 M -21.03 M -26.76 M		∆Limit(dB) () ()			
8.000 MHz 12.50 MHz 1.000 MHz () () ()	Start Freq 20.01 MHz 21.01 MHz 25.51 MHz 20.01 MHz	Stop Freq 21.01 MHz 25.51 MHz 80.00 MHz 80.00 MHz	25.59 dBn Integ BW 820.0 kHz 1.000 MHz 1.000 MHz 560.0 kHz	dBm -22.88 -28.86 -30.88 	Lower ∆Limit(dB) (-9.88) (-15.86) (-5.88) ()	-20.01 M -21.03 M -26.76 M 	 -32.44	∆Limit(dB) () () () (-82.44)	 24.50 M		Loo

40 M_Band Edge_Lower_Low_BPSK_FullRB(1)



Settings	Center Frequency 2.516010000 GHz		eq: 2.516010 100.00% of 2 I: None		Trig: Free Run Gate: Off IF Gain: Low	n: 20 dB amp: Off	Prea t (S)	Input Z: 50 Ω Corr CCorr Freq Ref: Int NFE: Adaptiv	Input: RF Coupling: DC Align: Auto	
	F Step 16.000000 MHz					l Offset 34. lue 30.0 dB			•	Graph cale/Div 10 dl
	Man	Relative Limit								.og
1	req Offset) Hz				mm	ษรณารารกรรม	popos			10.0
		Absolute Limit								10.0
		Spectrum	INNIN'N WINNI	uuttituutu	from		mand	Normanne		30.0 40.0
										50.0 60.0
		an 160.00 MHz	Spa 200		Det: Average	rage, #Offs	n Det: Ave	Char	51601 GHz	lisp Center 2.5
		n pis						Powe	•	Table
		n pis				z	3m / 40 MH	25.57 dB		
			Upper		_	Lower				
		Freq (Hz)	Limit(dB)	dBm	Freq (Hz)	Lower ∆Limit(dB)	dBm	Integ BW	Stop Freq	Start Freq
		Freq (Hz) 20.43 M	Limit(dB) (-22.45)	-32.45		Lower ∆Limit(dB) ()	dBm 	Integ BW 820.0 kHz	21.00 MHz	20.00 MHz
		Freq (Hz) 20.43 M 24.16 M	Limit(dB) (-22.45) (-21.32)	-32.45 -31.32		Lower ∆Limit(dB) ()	dBm 	Integ BW 820.0 kHz 1.000 MHz	21.00 MHz 25.00 MHz	20.00 MHz 21.00 MHz
Loc		Freq (Hz) 20.43 M 24.16 M 52.30 M	Limit(dB) (-22.45) (-21.32) (-17.11)	-32.45 -31.32 -30.11	••••	Lower ∆Limit(dB) () ()	dBm 	Integ BW 820.0 kHz 1.000 MHz 1.000 MHz	21.00 MHz 25.00 MHz 60.00 MHz	20.00 MHz 21.00 MHz 25.00 MHz
Loc		Freq (Hz) 20.43 M 24.16 M	Limit(dB) (-22.45) (-21.32)	-32.45 -31.32		Lower ∆Limit(dB) ()	dBm 	Integ BW 820.0 kHz 1.000 MHz	21.00 MHz 25.00 MHz	20.00 MHz 21.00 MHz

40 M_Band Edge_Upper_Low_BPSK_FullRB(1)