

	iplina DG Con	r CCorr Prear Ref. Int (S)	np Off	Trig: RF Burst #IF Gain: Low	Center Freq. 3.840 Counts 2.00 M/2.0 Radio Std. None		Center Frequer 3.840000000	
trics		2 Graph			a harring of the cost		CF Step 80.000000 MH	-
		Gaussian					Auto	
Average Pov							Man	
	20.71 dBm						Freq Offset	
	14.14 % at 0 dB	10 5					0 Hz	
10.0 %	2.89 dB							
1.0 %	5.17 dB	1		I =				
0.1 %	6.61 dB							
0.01 %	7.54 dB	01%		$\uparrow$				
0.001 %	8.20 dB							
0.0001 %	8.50 dB	0.07 %						
0.0001 /0	0,00 00				X			
	8.62 dB	0.001 %			1			
Peak	29.33 dBm							
		0.0001 5						Loc
		0.00 dB Info BW 80.000				20.00 dB		E
	20.00 0011					20.00 dB		

# n77(3700~3980 MHz)\_80 M\_PAR\_Mid\_64QAM\_FullRB





#### n77(3700~3980 MHz)\_80 M\_PAR\_Mid\_256QAM\_FullRB



YSIGHT In	puplina DG 🛛 G	nput Z:50 Ω Atten corr CCorr Pream req Ref. Int (S)	14 dB p Off	Trig: RF Burst #IF Gain: Low	Center Freq. 3 840000000 G Counts 2 00 M/2 00 Mpt Radio Std: None		Center Frequency 3.840000000 GHz	Settings
etrics		2 Graph			And the second sec		CF Step 80.000000 MHz	
		Gaussian					Auto	
Average Po	22.73 dBm						Man	
	47.71 % at 0 dB	10 -					Freq Offset 0 Hz	
	in i volto ub							
10.0 %	1.67 dB			X =				
1.0 %	3.32 dB							
0.1 %	4.34 dB				<u>سر اس اس سر ا</u>			
0.01 %	5.04 dB	0.1%						
0.001 %	5.54 dB							
0.0001 %	5.88 dB	0.01%						
	5.94 dB	0.001 %						
Peak	28.67 dBm							-
		0.000 dB 0.00 dB Info BW 90.000 f	AH2			20.00 dB		Loc

# n77(3700~3980 MHz)\_90 M\_PAR\_Mid\_BPSK\_FullRB



	pupling DC C			frig RF Burst #IF Gain: Low	Center Freq. 3 840000000 GHz Counts 2 00 M/2 00 Mpt Radio Std: None	Cente	er Frequency 0000000 GHz	Settings
Metrics		2 Graph Gaussian	•			A COLOR OF A	tep 00000 MHz Auto	
Average Po	wer	100 %					Man	
	22.23 dBm 46,46 % at 0 dB					Freq 0 Hz	Offset	
10.0 %	2.16 dB							
1.0 %	4,46 dB	1.5						
0.1 %	5.79 dB			$= \setminus =$				
0.01 %	6.59 dB	0.1%						
0.001 %	6.87 dB							
0.0001 %	7.11 dB	0.01 %						
Peak	7.11 dB	0.067 54						
rcan	29.34 dBm							
		0.000 dB Info BW 90.000	MHz		20	0.00 dB		Lo

# n77(3700~3980 MHz)\_90 M\_PAR\_Mid\_QPSK\_FullRB



	pupuni DG Cor		14 dB Trig RF Burst np Off #IF Gain Low		Center Frequency 3.840000000 GHz	Setting
atrics		2 Graph			CF Step 90.000000 MHz	
		Gaussian			Auto	
Average Po					Man	
	21.23 dBm				Freq Offset	
	44.90 % at 0 dB	10			0 Hz	
10.0 %	2.73 dB					
1.0 %	5.06 dB	14				
0.1 %	6.52 dB					
0.01 %	7.43 dB	n ( %				
0.001 %	7.84 dB					
0.0001 %	8,06 dB	0.07 55		$\lambda$		
	8.12 dB	ບ ບໍ່ມີກ່າວ.				
Peak	29.35 dBm					
		0.0001 %		20	.00 dB	Lo
		Info BW 90.000	MHz			

# n77(3700~3980 MHz)\_90 M\_PAR\_Mid\_16QAM\_FullRB



	Suplina DG: Cor		14 dB mp Off	Trig: RF Burst #IF Gain: Low		1 3 840000000 GHz 0 M/2 00 Mpt None	Center Fr 3.840000	equency 0000 GHz	Setting
etrics		2 Graph			- Annotation - A		CF Step 90.00000	0 MHz	1
		Gaussian					Auto		
Average Po							Man		4
	20.73 dBm						Freq Offs 0 Hz	et	
	44.42 % at 0 dB	10 5	11				Unz		
10.0 %	2.78 dB								
1.0 %	5.18 dB	1							
0.1 %	6.62 dB								
0.01 %	7.59 dB	0.1 %							
0.001 %	8.15 dB								
0.0001 %	8.38 dB	0.01 %							
-	8.57 dB	0.001 %							
Peak	29.30 dBm								
		0.00 dB Info BW 90.000	MHz			20.00 0	iB		Lo

# n77(3700~3980 MHz)\_90 M\_PAR\_Mid\_64QAM\_FullRB





#### n77(3700~3980 MHz)\_90 M\_PAR\_Mid\_256QAM\_FullRB



	uplini DG Cor	r CCorr Prea g Ret-Int (S)	14 dB mp Off	Trig: RF Burst #IF Gain: Low	Center Freq: 3.840000000 Counts: 2.00 M/2.00 Mpt Radio Std: None		Center Frequency 3.840000000 GHz	Setting
atrics		2 Graph	*	-	Anna State		CF Step 90.000000 MHz	
		Gaussian					Auto	
Average Pov							Man	
	22.80 dBm						Freq Offset	
	47.11 % at 0 dB	10					0 Hz	
10.0 %	1.86 dB							
1.0 %	3.39 dB	1 %	$\langle \rangle$	$\langle \rangle$				
0.1 %	4.34 dB		_\					
0.01 %	5.03 dB	0 T ===	$ \rightarrow $	$\rightarrow$				
0.001 %	5.53 dB							
0.0001 %	5,91 dB	0.01 %						
ara.	6.13 dB	0.001 %						
Peak	28.93 dBm							-
		0.000 dB Info BW 100.00	NALIS	4		20.00 dB		Lo

# n77(3700~3980 MHz)\_100 M\_PAR\_Mid\_BPSK\_FullRB



	supling DG Cor			Trig: RF Burst #IF Gain: Low	Center Freq: 3.8400 Counts: 2.00 M/2.00 Radio Std: None		Center Fre 3.840000	equency 1000 GHz	Setting
etrics		2 Graph	•		Long of the long		CF Step 100.0000	00 MHz	İ
Average Po	wer	Gaussian					Auto Man		
Fillinger	22.30 dBm						Freq Ollse	et	
	45,62 % at 0 dB	10					0 Hz		
10.0.01	0.00 -10						1		
10.0 % 1.0 %	2.32 dB	1-							
0.1 %	4.47 dB 5.85 dB			$\mathbf{i}$					
0.01 %	6.58 dB	n i %							
0.001 %	6.89 dB								
0.0001 %	7.06 dB	0.01 %							
	7.10 dB	0.001 34							
Peak	29.40 dBm								-
		0.000 dB Info BW 100.00	MHz			20.00 dB			Lo

# n77(3700~3980 MHz)\_100 M\_PAR\_Mid\_QPSK\_FullRB





#### n77(3700~3980 MHz)\_100 M\_PAR\_Mid\_16QAM\_FullRB





#### n77(3700~3980 MHz)\_100 M\_PAR\_Mid\_64QAM\_FullRB



YSIGHT In	Supling DG Con		n 14 dB imp Off	Trig: RF Burst #IF Gain: Low		3 840000000 GHz ) M/2 00 Mpt Ione	Center Fr 3.84000	equency 0000 GHz	Setting
etrics		2 Graph Gaussian	•				CF Step 100.000	000 MHz	
Average Po		100 %					Man		
	18.85 dBm 44.01 % at 0 dB	10 5					Freq Offs 0 Hz	et	
10.0 %	2.88 dB								
1.0 %	5.18 dB			$\backslash \backslash$					
0.1 %	6.65 dB								
0.01 %	7.67 dB	0.1%							
0.001 %	8.19 dB								
0.0001 %	8.43 dB	0.01 %			X.				
Peak	8.55 dB	0.001 ==							
- Can	27.40 dBm								-
		0.000 dB 0.00 dB Info BW 100.00	MHz			20.00 c	iB		Lo

# n77(3700~3980 MHz)\_100 M\_PAR\_Mid\_256QAM\_FullRB



	H			¢.	Frequency +
	Input Z: 50 Q. Atten: 14 c Corr CCorr Preamp C Freq Ref. Int (S) NFE Adaptive	ff Gate Off	Center Freq: 3.840000000 GHz Avg Hold: 50/50 Radio Std: None	Center Free 3.8400000	
Graph T	Ref Lvi Offs			Span 40.000 MH	łz.
Cale/Div 10.0 dB	Ref Value 4			CF Step 4.000000 f Auto	MHz.
0 00 10 7 20 0 30 7	w la		PEA United when the standard	Man Freq Offset 0 Hz	
40 0 50 0 Center 3.84000 GHz #Res BW 390.00 kHz	#Video BW	1.6000 MHz	Span 40 MH #Sweep 50.0 ms (1001 pts		
Metrics T			woweep bold ins (1001 pg	5	
Occupied Bandwidth 17.906	3 MHz	Total Power	30.8 dBm		
Transmit Freq Error x dB Bandwidth	-209.74 kHz 19.31 MHz	% of OBW Powe x dB	99.00 % -26.00 dB		Lo
1	Nov 06, 2024 10:46:47 AM				

# n77(3700~3980 MHz)\_20 M\_OBW\_Mid\_BPSK\_FullRB



KEYSIGHT       Input RF Augn Auto       Input Z 50 Ω Corr CCorr Augn Auto       Atten: 14 dB Preamp Off       Trig: Free Run Gate: Off       Center Freq: 3.840000000 GHz AvglHold: 50/50 Radio Std: None       Center Frequencies         10 Graph       Ref Lvl Offset 29.53 dB Ref Value 40.00 dBm       Ref Value 40.00 dBm       CF Step 4.000000 MHz       Span 40.00000 MHz         20 00 000 100 000 100 000 000 000 000 00	quency TS,
Graph     Ref Lvi Offset 29.53 dB     Span       Scale/Div 10.0 dB     Ref Value 40.00 dBm     40.000 MHz       CF Step     4.000000 MHz       20.0     Auto       0000     Man       100     Freq Offset       0000     Hz	Settings
Og     CF Step       200     Auto       000     PEAR	
Man PEAK 100 100 100 100 100 100 100 10	
Res BW 390.00 kHz #Sweep 50.0 ms (1001 pts)	
Occupied Bandwidth	
17.936 MHz         Total Power         30.4 dBm           Transmit Freq Error         -185.29 kHz         % of OBW Power         99.00 %           x dB Bandwidth         19.35 MHz         x dB         -26.00 dB	Loca

# n77(3700~3980 MHz)\_20 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analy Occupied BW		+					0	Frequenc	y + 3,
	Input_RF Coupling DC Align Auto	Input Z: 50 C Corr CCorr Freq Ref. Int NFE Adapte	Preamp Off (S)	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq Avg/Hold 50 Radio Std N			Frequency 000000 GHz	Settings
Graph	*	нне маарл	Ref LvI Offset 29				Span 40.00	0 MHz	
cale/Div 10.0	dB		Ref Value 40.00	asm				000 MHz	
10.0		Judien	ومسورة والمتحافظ والمتعادين والمسراور المتحافظات	Maintenantification				uto Ian	
10.0	اوعا د الأويحا مونيا،	don d			Uppendi	P	EAK Freq C	Offset	
40.0									
Center 3.84000 Res BW 390.0			#Video BW 1.600	00 MHz	#Sw	Span 40 1 eep 50.0 ms (1001			
2 Metrics Occuj	r pied Bandwidti 17 9	1 933 MHz		Total Power		29.4 dBm			
	mit Freq Error Bandwidth	-173.	06 kHz 51 MHz	% of OBW Pov x dB	wer	99.00 % -26.00 dB			Loc
15	C*	<b>?</b> Nov 06, 20 10:47:52 4	024 AM		.:		<		

# n77(3700~3980 MHz)\_20 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analyzer 1 Occupied BW	+					Q	Frequenc	y <b>*</b> 5,
	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten: 14 dB Preamp Off	Trig: Free Run Gate: Off #IF Gain: Low	Centér Frec Avg/Hold 5 Radio Std 1			Frequency 00000 GHz	Settings
Graph	R	ef Lvi Offset 29				Span 40.000	MHz	
20.0		ef Value 40.00				CF Ste 4.0000	00 MHz	
10.0	A second second	and the second	alalan dan karangan dan sana sana sana sana sana sana san			Ma	n	
10.0 20.0 -30-0 malline Wardwall - alread trad	~			Maria	PE Willingham wantuu	AK 0 Hz	iset	
-50.0 Center 3.84000 GHz #Res BW 390.00 kHz	#	Video BW 1.600	00 MHz	#Sv	Span 40 M veep 50.0 ms (1001 p			
2 Metrics T								
Occupied Bandwidth 17.92	24 MHz		Total Power		28.9 dBm			
Transmit Freq Error x dB Bandwidth	-183.84 kH 19.33 MH		% of OBW Pov x dB	ver	99.00 % -26.00 dB			Loc
16011	Nov 06, 2024 10:48:23 AM	Ð				<b>7</b>		

# n77(3700~3980 MHz)\_20 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyzer 1 Occupied BW	+					Ø	Frequenc	y * <u>5</u>
EYSIGHT Input RF L Align Auto	Input Z: 50 Q Corr CCorr Freq Ret Int (S) NFE Adaptive	Atten: 14 dB Preamp: Off	Trig Free Run Gate: Off #IF Gain Low	Center Fre AvgjHold 1 Radio Std			Center Frequency 3.840000000 GHz	
7 PASS Graph v cale/Div 10.0 dB		Ref LvI Offset 29 Ref Value 40.00				Span 40.000	MHz	
		Kel Value 40.00				CF Ste 4.0000	00 MHz	
10.0	Junior	aperturnet and make	Handings I fair from the start of the start	my		Ma	n	
10 0 20 0 40 0 40 0	Mart			- Willi	nutaulundretaerumay	Freq Of 0 Hz	fset	
50.0 enter 3,84000 GHz Res BW 390.00 kHz		#Video BW 1.60	00 MHz	#5	Span 40 Mi weep 50.0 ms (1001 pt			
Metrics • Occupied Bandwidth 17.9	) 332 MHz		Total Power		26.9 dBm			
Transmit Freq Error x dB Bandwidth	-153.87 ki 19.36 Mi		% of OBW Pov x dB	ver	99.00 % -26.00 dB			Loc
50	? Nov 06, 2024 10:48:56 AM							

# n77(3700~3980 MHz)\_20 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analy Occupied BW		+						0	Frequenc	y 🔹 🕄
	Input_RF Coupling DC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ret. Int ( NFE: Adaptive		Trig: Free Run Gate: Off #IF Gain: Low	AvgiHold 50/50				Center Frequency 3.840000000 GHz	
I Graph	*		Ref LvI Offset 29					Span 60.000	MHz	
Scale/Div 10.0	dB		Ref Value 40.00	abm				CF Step 6.0000	o OO MHz	
10.0		andream	an a					Au Ma		
-10.0 -20.0	and the second	rushil			horn	komponta	PEAK	Freq Ol 0 Hz	fset	
-40.0 -50.0 Center 3.84000	0.047		#Video BW 2.40				oan 60 MHz			
#Res BW 620.0			#VIGEO DVV 2.400		#S1	weep 50.0 ms				
2 Metrics Occup	pied Bandwidt 26.	h 838 MHz		Total Power		31.0 dE	Sm			
	imit Freq Error Bandwidth	-527.2 28.71		% of OBW Pov x dB	wer	99.00 -26.00				Loc
15	(* 🗌	? Nov 06, 202 11:05:29 AM	4							

# n77(3700~3980 MHz)\_30 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyzer 1 Occupied BW	+					Č,	Frequenc	y + 3
EYSIGHT Input RF	Freq Ref. Int (S)	Corr CCorr Preamp Off Gate Off Avg Hold 50/50				Ce	nter Frequency 840000000 GHz	Settings
Graph T	пне маарила	Ref LvI Offset 2				Sp: 60	an ).000 MHz	
-09 30 0 20 0		Ref Value 40.00		~~~			Step 000000 MHz Auto	1
10 0 0 00 10 0 20 0				hund	-le-heline in the	HEAR -	Man eq Offset Hz	
40.0								
Center 3.84000 GHz #Res BW 620.00 kHz		#Video BW 2.40	00 MHz	#Sv	Span ( veep 50.0 ms (10			
2 Metrics Occupied Bandwk 20	ith 5.836 MHz		Total Power		30.6 dBm			
Transmit Freq Erro x dB Bandwidth	-539.39 k 28.75 M		% of OBW Pov x dB	ver	99.00 % -26.00 dB			Loc
50	? Nov 06, 2024 11:06:01 AM	Ø				X		

# n77(3700~3980 MHz)\_30 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analyzer 1	+					¢	Frequency	· · \$
	input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE_Adaplive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Center Freq. 3.84 AvgiHold: 50/50 Radio Std: None	0000000 GHz		Frequency 00000 GHz	Settings
Graph T	1	Ref LvI Offset 29 Ref Value 40.00				Span 60.000	MHz	
09 30.0 20.0		Ker value 40.00	uem <sup>.</sup>				00 MHz	
10.0	Juce brander	nseperatorienterrorie	Samere Milling and a ferst			Au Ma		
20.0 20.0 30-7 40.0	uau /			ternelisise	PEAK	Freq OI 0 Hz	fset	
50.0 Center 3,84000 GHz Res BW 620.00 kHz		∜Video BW 2.400	00 MHz	#Sweep	Span 60 MHz 50.0 ms (1001 pts)			
2 Metrics	h 839 MHz		Total Power		29.7 dBm			
Transmit Freq Error x dB Bandwidth			% of OBW Pov x dB		99.00 % -26.00 dB			Loca
1501	<b>?</b> Nov 06, 2024 11:06:32 AM	9						

# n77(3700~3980 MHz)\_30 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analyzer 1	+					Ö	Frequenc	y + 5)
KEYSIGHT Input. RF Coupling DG Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq. 3.8 Avg/Hold: 50/50 Radio Std: None			Center Frequency 3.840000000 GHz	
Graph T Graph T Grale/Div 10.0 dB		Ref Lvi Offset 29 Ref Value 40.00				Span 60.000	) MHz	
09 30.0 20.0						CF Ste 6.0000	00 MHz	
10.0	- A	halframmagnarias	handerstrander tige het til het der statenet for der			Mi	ari	
100 200 300 400	proved			hum	PEAI brokensternsternet	Freq O 0 Hz	lfset	
-50.0 Center 3.84000 GHz #Res BW 620.00 kHz		#Video BW 2.400	00 MHz	#Sweep	Span 60 MH 50.0 ms (1001 pts			
PMetrics								
Occupied Bandwidth 26.8	75 MHz		Total Power		29.2 dBm			
Transmit Freq Error x dB Bandwidth	-538.47 k 28.64 M		% of OBW Pov x dB	wer	99.00 % -26.00 dB			Loca
1501	Nov 06, 2024 11:07:03 AM	0						

# n77(3700~3980 MHz)\_30 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyzer 1	+					¢	Frequenc	y + 3,
Coupling Drs.	Input Z 50 Ω Corr CCorr Freq Ret. Int (S) NFE. Adaptive	Atten: 14 dB Preamp Off	Center Freg. 3 840000000 GHz Avg Hold: 50/50 Radio Std: None			Center Frequency 3.840000000 GHz		
Graph	мне маариле	Ref LvI Offset 29 Ref Value 40.00				Span 60.000	MHz	
09 30.0 20.0		Ref value 40.00				and the second second	00 MHz	
10.0		nalani sana mang ngam Jagi	lendrationenteranteran	~		Au Ma Freq O	n	
10.0 20.0 30:0 40.0	-			annumanana	PEAK	0 Hz	1361	
50.0 Center 3,84000 GHz Res BW 620.00 kHz		#Video BW 2.40	00 MHz	#Sweep 50.0 r	Span 60 MHz ns (1001 pts)			
2 Metrics								
	07 MHz		Total Power	27.3	dBm			
Transmit Freq Error x dB Bandwidth	-549.15 H 28.65 M		% of OBW Pow x dB	ver 99,0 -26.0	00 % 0 dB			Loca
	<b>?</b> Nov 06, 2024 11:07:36 AM	0						

# n77(3700~3980 MHz)\_30 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analyzer 1	+					0	Frequenc	y: + €,
	Aupling DC: Corr Corr Preamp Off Gate: Off Avg[Hold: 50/50						Center Frequency 3.840000000 GHz	
Graph	F	ef Lvi Offset 29				Span 80.00	00 MHz	
<b>00</b> 30 0		er value 40.00				CF St 8.000	ep )000 MHz	
20.0	and a second	and the second	مەلغەدەمىنەق بەن <sup>بىر</sup> ىمەركەرمىنەق مەركى دەمىنەق بەن بە	•••••			luto Man	
20 0 Harry Labor and a contract of the	number of the second se			hallord	Minnow mand	PEAK 0 Hz	Offset	
40.0								
Center 3.84000 GHz Res BW 820.00 kHz	#	Video BW 3.000	00 MHz	#Sw	Span 80 eep 50.0 ms (1001			
2 Metrics Occupied Bandwidth 35.76	39 MHz		Total Power		31.1 dBm			
Transmit Freq Error x dB Bandwidth	-1.1138 MH 38.15 MH		% of OBW Pov x dB	wer	99.00 % -26.00 dB			Loca
- 5 0 - 1	Nov 06, 2024 11:18:49 AM	9		.1				

# n77(3700~3980 MHz)\_40 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyzer 1 Occupied BW	* +					Q	Frequenc	y + 3
EYSIGHT Input RF Coupling T Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S NFE: Adaptive	Atten: 14 dB Preamp: Off )						Settings
Graph FASS	NFE Adaptive	Ref Lvi Offset 2				Span 80.000	) MHz	
20 g		Ref Value 40.00	dBm			CF Ste 8.0000	p 100 MHz	
20.0	arrange at his as	Maring and an and a second	าไวะไปรายระบาทร์ที่รายสูรเหียงสาวาา	-		Au Ma		
10.0 20.0 United testingen	under the second			Lastdenk,	-	Freq O	lfset	
-30-0 -40.0 -50.0								
Center 3.84000 GHz Res BW 820.00 kHz		#Video BW 3.00	00 MHz	! #Sw	Span 80 M eep 50.0 ms (1001 p			
2 Metrics 🔹 🔹								
Occupied Bandw	/dth 35.790 MHz		Total Power	_	30.9 dBm			
Transmit Freq Er x dB Bandwidth			% of OBW Pov x dB	wer	99.00 % -26.00 dB			Loc
x dB Bandwidth	38.06 <b>?</b> Nov 06, 2024 11:19:21 AM		x dB			7		1

# n77(3700~3980 MHz)\_40 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analyzer 1 Occupied BW	+						0	Frequenc	x + 器
RL Align Align Align	DG Corr CCorr	Atten 14 dB Trig: Free Run Center Freq 3.84000000 GHz Preamp Off Gate: Off Avg Hold 50/50 ) #IF Gain Low Radio Std None						Frequency 00000 GHz	Settings
Graph Scale/Div 10.0 dB	T	Ref LvI Offset 29					Span 80.000	MHz	
20.0		Ref Value 40.00					CF Step 8.0000 Aut	00 MHz	
10.0	Ar where the	an speech of the free grant of the second	ayan dan saya dan saya mata sa Balay			PEAK	Ma Freq Of	n	
20 0 30 0 40 0	wannesdaw			howeight	a manufard		0 Hz		
-50.0 Center 3.84000 GHz #Res BW 820.00 kHz		#Video BW 3.00	00 MHz	#54	Spar veep 50.0 ms (	1 80 MHz			
2 Metrics	•								
Occupied Ban	dwidth 35.801 MHz		Total Power		29.9 dBm				
Transmit Freq x dB Bandwid			% of OBW Pow x dB	ver	99.00 % -26.00 dB				Local
190	Nov 06, 202 11:19:53 AN					X			

# n77(3700~3980 MHz)\_40 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analy Occupied BW	zer 1	+							Ċ,	Frequenc	y + 3,
	Input_RF Coupling_DC Align_Auto	Corr Freq	Z 50 Ω CCorr Ret Int (S) Adaptive	Atten: 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Center Free Avg Hold 5 Radio Std		i.	Center Frequency 3.840000000 GHz		Settings
Graph	1	NFL		Ref Lvi Offset 29 Ref Value 40.00					Span 80.000	MHz	
og 30 0 20.0	05				aom				CF Ster 8.0000 Au	00 MHz	
10.0			******					PEAK	Ma Freq Of	n	
20.0 30.0 40.0 50.0	enersonalstellighture	hallaí				15-100-00-00	للمالمصالحك	ntrus-anti	0 Hz		
Center 3,84000 Res BW 820.0			<u></u>	#Video BW 3.00	00 MHz	#Sv	Span veep 50.0 ms (10	BO MHz 01 pts)			
Metrics	*										
Occup	bied Bandwidth 35.7	86 MHz			Total Power		29.3 dBm				
	mit Freq Error Bandwidth		-1.0845 M 37.97 M		% of OBW Pov x dB	ver	99,00 % -26.00 dB				Loca
15		? Nov	06, 2024 20:25 AM	0				M			

# n77(3700~3980 MHz)\_40 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyzer 1	+					Q	Frequenc	y + 5,
EYSIGHT Input RF Coupling Dr. Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Center Freq Avg(Hold: 5 Radio Std: 1		and the second se	Center Frequency 3.840000000 GHz	
Graph Cale/Div 10.0 dB		Ref Lvi Offset 29 Ref Value 40.00				Span 80.000	) MHz	
.og 30.0		Kel value 40.00				CF Ste 8.0000	p 100 MHz	
20.0	Jundamier	and a star way a second are	internet and a state of the sta	More .		AL		
10.0 20.0 30:0 10.0	And			WALNY	PEA	Freq O 0 Hz	lfset	
50.0 Senter 3.84000 GHz Res BW 820.00 kHz		#Video BW 3.00	DO MHz	#Sv	Span 80 Mi veep 50.0 ms (1001 pt			
Metrics	90 MHz		Total Power		27.3 dBm			
33.7 Transmit Freq Error x dB Bandwidth	-1.0827 M 38.01 M		% of OBW Pov x dB	ver	99.00 % -26.00 dB			Loca
<b>1</b> 50	<b>Nov 06, 2024</b> 11:20:58 AM	Ø			: 💽 — 🔀			

# n77(3700~3980 MHz)\_40 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analyze	·* • +							¢	Frequenc	y + <u>3</u>
AI	put RF pupling DC: ign Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive						Center Frequency 3.840000000 GHz		Settings
Graph	*		Ref LvI Offset 29					Span 100.00	MHz	
20.0 10.0			Ref Value 40.00		~~~			CF Step 10.000 Au Ma	000 MHz to	
30-0	hearth all the second second				thendo	alagibanan danan	PEAK	Freq Ol 0 Hz	fset	
50.0 Center 3,84000 G Res BW 1.0000			#Video BW 4.00	00 MHz	#S\	Spa weep 50.0 ms	n 100 MHz (1001 pts)			
2 Metrics Occupied	d Bandwidth 45.757	MHz		Total Power		31.3 dB	m			
Transmit x dB Bar	t Freq Error ndwidth	-949.37 k 48.23 M		% of OBW Pov x dB	wer	99.00 -26.00 d				Loc
150	- ?	Nov 06, 2024 11:32:02 AM	Ø							

# n77(3700~3980 MHz)\_50 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyzer 1	+					Q	Frequenc	y + 3
	Input Z 50 Ω Atten: 14 dB Corr CCorr Preamp Off Freq Ref. Int (S)		Trig: Free Run Center Freq 3.840000000 GHz Gate: Off AvgiHold 50/50 #IF Gain Low Radio Std None			and the second se	Frequency 000000 GHz	Settings
ar PASS		Ref Lvi Offset 29				Span 100.0	) MHz	
cale/Div 10.0 dB	Jun Amuranya Ma	Ref Value 40.00	dBm			and the second se	to	
0.00 10.0 20.0 30.9 40.0	init			himese.	P	EAK 0 Hz		
50.0 Center 3,84000 GHz #Res BW 1,0000 MHz		#Video BW 4.000	00 MHz	#S	Span 100 f weep 50.0 ms (1001			
Metrics	55 MH7		Total Power	_	30.9 dBm			
45.765 MHz Transmit Freq Error -918.01 kHz x dB Bandwidth 48.50 MHz			% of OBW Power x dB		99,00 % -26.00 dB			Loc
50	Nov 06, 2024 11:32:25 AM	Ø			# 🕅 🕽	2		

# n77(3700~3980 MHz)\_50 M\_OBW\_Mid\_QPSK\_FullRB



CL     Image: Autor Freq Ref Int (S) NFE Adaptive     #IF Gain Low Radio Std None     3.84000000 GHz       VI     PASS     NFE Adaptive     Spain       I Graph     Ref Lvl Offset 29.53 dB     100.00 MHz       Scale/Div 10.0 dB     Ref Value 40.00 dBm     CF Step       000     Image: CF Step     10.000000 MHz       000     Image: CF Step     10.0000000 MHz       000     Image: CF Step     10.00000000000000000000000000000000000	* 3
Graph     Ref Lvi Offset 29.53 dB     Span       icale/Div 10.0 dB     Ref Value 40.00 dBm     100.00 MHz       200     CF Step     10.00000 MHz       200     Auto     Man       200     Freq Offset     Hz	Settings
009       CF Step         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         000       000         0000       000         0000       000         0000       000         0000       000         0000       0000         0000       0000         00000       0000         000000       00000         0000000000000       000000000000000000000000000000000000	
100     000 <td></td>	
200 utilite tage spin share and a spin s	
-50 0 Center 3.84000 GHz #Video BW 4.0000 MHz Span 100 MHz #Res BW 1.0000 MHz #Sweep 50.0 ms (1001 pts)	
2 Metrics T	
Occupied Bandwidth 45.824 MHz Total Power 30.0 dBm	
Transmit Freq Error         -906.29 kHz         % of OBW Power         99.00 %           x dB Bandwidth         48.40 MHz         x dB         -26.00 dB	Loc

# n77(3700~3980 MHz)\_50 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analyzer 1	+					ø	Frequenc	y • 5,
RL Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Corr CCorr Preamp Off Gate Off Avg Hold 50/50 Freq Ref. Int (S) #IF Gain Low Radio Std None					Frequency 000000 GHz	Settings
Graph		Ref LvI Offset 29 Ref Value 40.00				Span 100.00	MHz	
20,0 20,0 10,0			and the second state of th	may			ito	
0.00 10.0 20.0 10.0 30.0	mil			Low	PE Marine Mary Ingles of the State of the St	Freq O		
40.0 50.0 Center 3.84000 GHz Res BW 1.0000 MHz		#Video BW 4.00	00 MHz	#S	Span 100 M weep 50.0 ms (1001 p			
Metrics	Louis and							
	64 MHz		Total Power		29.6 dBm			
Transmit Freq Error x dB Bandwidth	-910.86 k 48.27 M		% of OBW Pov x dB	ver	99.00 % -26.00 dB			Loca
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# n77(3700~3980 MHz)\_50 M\_OBW\_Mid\_64QAM\_FullRB



pectrum Analy Occupied BW	rzer 1	+					Q	Frequenc	y + 5
	Input RF Coupling D/C Align Auto	Corr CCorr	Input Z 50 Q Atten 14 dB Trig: Free Corr CCorr Preamp Off Gate Off Freq Ref. Int (S) #IF Gain		Center Free Avg/Hold 5 Radio Std		and the second se	Frequency 000000 GHz	Settings
Graph	1		Ref Lvi Offset 29				Span 100.00	) MHz	
0 0 20.0	dB		Ref Value 40.00 d				the second se	000 MHz	
10.0		Jaman	مەرەلەر مەرەلەر ئەرەلەر ئەرەلەر ئەرىكى بىرىمىدىنى بەرەپ ئەرەپ ئەرەپ ئەرەپ ئەرەپ ئەرەپ ئەرەپ ئەرەپ ئەرەپ ئەرەپ ئ ئەرەپ ئەرەپ ئەر	mindelinguare	-		Au Ma		
10.0	mantulusion	Aparta -			Marson	PE Marina Marina Anglania Anglani Anglania Anglania Ang	AK 0 Hz	lfset	
50.0 Center 3,84000 Res BW 1.000			#Video BW 4.000	0 MHz	#5\	Span 100 M veep 50.0 ms (1001 p			
Metrics	+								
Occup	bied Bandwidth 45.8	1 332 MHz		Total Power		27.6 dBm			
	mit Freq Error Bandwidth		9.66 KHz 3.22 MHz	% of OBW Pov x dB	ver	99.00 % -26.00 dB			Loc
15		? Nov 06,	2024		11	: 💘 — 🔀	7		

# n77(3700~3980 MHz)\_50 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analyzer 1								Ċ,	Frequenc	y + 🕄
		orr Preamp Off Gala: Off Avg Hold 50/50 if Int (S) #IF Gain Low Radio Std: None				i GHz		Frequency 00000 GHz	Settings	
Graph T Graph T Grale/Div 10.0 dB	Ref	Lvi Offset 29 Value 40.00 d						Span 120.00	MHz	
00 30 0 20 0	Ret		18m	11) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1				CF Step 12.000 Au Ma	000 MHz to	
200 10 0 20 0 30 7 40 0					mart	Name and	PEAK Min Low	Freq Ol 0 Hz	fset	
50.0 Senter 3.84000 GHz Res BW 1.2000 MHz	#Vid	leo BW 5.000	0 MHz		#Swe		an 120 MHz ; (1001 pts)			
Metrics Occupied Bandwidth 57.924	MHz		Total Power			31.5 dB	Im			
Transmit Freq Error     -27.853 kHz       x dB Bandwidth     60.70 MHz			% of OBW Power x dB		99.00 % -26.00 dB					Loca
<b>1</b> 501?	Nov 06, 2024	1								

# n77(3700~3980 MHz)\_60 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyze	er 1 🔹 🕂							Ö	Frequenc	· • 👬
KL A	ipul RF Soupling DG: Vign Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	rr CCorr Preamp Off Gata Off Avg Hold 50/50 ag Ref. Int (S) #IF Gain: Low Radio Std: None		0 GHz		Frequency 00000 GHz	Settings		
PASS I Graph Scale/Div 10.0 d	*		Ref LvI Offset 29 Ref Value 40.00					Span 120.00	MHz	
20.0								CF Step 12.000 Aut Ma	000 MHz to	
30 0	alm hand the				L	montenter	PEAK Mulli-interry	Freq Of 0 Hz		
40.0 50.0 Center 3,84000 ( Res BW 1,2000			#Video BW 5.00	D0 MHz	#	Sp Sweep 50.0 m	an 120 MHz s (1001 pts)			
Metrics Occupie	ed Bandwidth	k di Jawa		Total Power		21.1.4				
57.979 MHz Transmit Freq Error -68.794 kHz x dB Bandwidth 61.14 MHz			% of OBW Power x dB		31.1 dBm 99.00 % -26.00 dB				Loca	
150	* 🖬 ?	Nov 06, 2024 11:45:07 AM	0				X			

# n77(3700~3980 MHz)\_60 M\_OBW\_Mid\_QPSK\_FullRB



Frequency •						zer 1 +	Spectrum Analy Occupied BW
vg/Hold 50/50 Center Frequency Setting	Atten: 14 dB Trig: Free Run Center Freq. 3.840000000 GHz Preamp Off Gale: Off Avg[Hold: 50/50 #IF Gain Low Radio Std: None		nput Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Coupling DIS. 0 Align Auto F			
Span 120.00 MHz				Ref Lvi Offset 2			Graph
CF Step 12.00000 MHz			dBM	Ref Value 40.00		dB	
Auto		min	a matteria anna internation for the	لعتهام المستحري الانتقاب المستحد	juranenan		20.0
PEAK Unah-pathonandampholy and pathonand 0 Hz	Universities					Landerman	0.00 10.0 20.0 30.0
							40.0 50.0
Span 120 MHz #Sweep 50.0 ms (1001 pts)			00 MHz	#Video BW 5.00			Center 3.84000 Res BW 1.200
30.2 dBm	30.2 dBm		Total Power		147	ied Bandwidth 58.020 M	2 Metrics Occut
99.00 %		wer	% of OBW Por x dB		-11.810 ki 60.99 Mi	mit Freq Error Bandwidth	

# n77(3700~3980 MHz)\_60 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analyzer 1	+						ø	Frequenc	y + 57
RL Align Auto	Input Z: 50 Ω Corr CCorr Freq Ret: Int (S) NFE: Adaptive	Corr Preamp Off Gate: Off Avg Hold 50/50 Ref. Int (S) #IF Gain: Low Radio Std: None				000 GHz		Frequency 00000 GHz	Settings
Graph T Graph T Grale/Div 10.0 dB	не маршие	Ref LvI Offset 29 Ref Value 40.00					Span 120.00	MHz	
og 30.0 20.0			uom <sup>a</sup> anaanaanaanaanaanaanaanaanaanaanaanaan				CF Step 12.000 Au Ma	000 MHz to	
0.00 0.00 0.00 0.00 0.00	Alar -				huseburge	PEAK	Freq Of 0 Hz	fset	
50.0 Senter 3,84000 GHz Res BW 1,2000 MHz		#Video BW 5.00	00 MHz			Span 120 MHz ms (1001 pts)			
Metrics •									
Occupied Bandwidth 57.9	43 MHz		Total Power		29.7	dBm			
Transmit Freq Error x dB Bandwidth	-20,986 60,97 f		% of OBW Pov x dB	ver		.00 % 00 dB			Loca
1701	<b>?</b> Nov 06, 2024 11:45:51 AM	9				$\square$			

# n77(3700~3980 MHz)\_60 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyzer 1 Occupied BW	+							Ö	Frequenc	· ·
	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Atten: 14 dB Preamp Otf	Trig: Free Run Gate: Otf #IF Gain: Low	Avgil	ar Freq. 3 Hold: 50/50 Std: Non		GHz		Frequency 00000 GHz	Settings
Graph	and the second second	Ref Lvi Offset 29 Ref Value 40.00						Span 120.00	MHz	
00 30 0 20 0		Ref Value 40.00						CF Step 12.000 Aut	000 MHz	
0.0					Lunia		PEAK	Ma Freq Of 0 Hz		
0.0 0-0 0.0 0.0					Press and	ontritternitelate	letionaria			
enter 3,84000 GHz Res BW 1.2000 MHz		#Video BW 5.000	00 MHz		#Swee	Spar p 50.0 ms	n 120 MHz (1001 pts)			
Metrics   Occupied Bandwidth 58.05	58 MHz		Total Power			27.7 dBr	n			
Transmit Freq Error x dB Bandwidth	-4.995 k 60.95 M		% of OBW Pov x dB	wer		99.00 % -26.00 df				Loca
1 7 6 1	Nov 06, 2024 11:46:16 AM	9								

#### n77(3700~3980 MHz)\_60 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analyzer 1	+						Ö	Frequenc	y * 影
REYSIGHT Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Otf #IF Gain: Low	Center Free Avg/Hold 5 Radio Std 1		GHz		Frequency 00000 GHz	Settings
Graph	NFE Adaptive	Ref LvI Offset 29					Span 140.00	MHz	
cale/Div 10.0 dB		Ref Value 40.00	dBm				CF Step 14.000 Aut Ma	000 MHz to	
00 0 0 0 0 all Marine transformed the	len market			hand	an a	PEAK	Freq Of 0 Hz		
10 0 50 0 enter 3,84000 GHz Res BW 1,5000 MHz		#Video BW 6.000	00 MHz	#Sv	Spa veep 50.0 ms	an 140 MHz (1001 pts)			
Metrics									
64. Transmit Freq Error x dB Bandwidth	403 MHz -1.6970 M 67.96 M		Total Power % of OBW Pow x dB	wer	31.5 dB 99.00 -26.00 d	%			Loca
500	? Nov 06, 2024 11:57:26 AM	9							

#### n77(3700~3980 MHz)\_70 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyz Occupied BW	ter 1 🔹	+					Ö	Frequenc	y + <u>3</u>
n	Input RF Coupling DC Align Auto	Input Z: 5 Corr CCo Freq Ret NFE Ada	r Preamp Off Int (S)	Trig: Free Run Gate: Ott #IF Gain: Low	Center Fre AvgiHold Radio Std		and the second se	Frequency 000000 GHz	Settings
Graph	1	NE AG	Ref LvI Offset 29 Ref Value 40.00				Span 140.00	) MHz	
20.0		-		and the second state of th			CF Ste 14.000 AL	0000 MHz Ito	
0.00 10.0	portalecorrespication					PE,	Freq O		
40.0 50.0 Center 3,84000 Res BW 1,500			#Video BW 6.000	00 MHz	#9	Span 140 M weep 50.0 ms (1001 p			
? Metrics	ed Bandwidth								
Occupi		82 MHz		Total Power		31.3 dBm			
	nit Freq Error andwidth		6604 MHz 8.13 MHz	% of OBW Pov x dB	wer	99.00 % -26.00 dB			Loc
<b>1</b> 50	a 🗌	<b>?</b> Nov 06, 11:57:4	2024 9 AM			# 🔭 X	3		

### n77(3700~3980 MHz)\_70 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analy Occupied BW	rzer 1 🕌	+					0	Frequenc	1 1 20
	Input_RF Coupling_DC Align_Auto	Input Z: 50 Q Corr CCorr Freq Ret: Int (S NFE: Adaptive		Trig Free Run Gate: Off #IF Gain Low	Center Fre AvgiHold Radio Std			Frequency 00000 GHz	Settings
Graph	*		Ref LvI Offset 2				Span 140.00	MHz	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		rester' out-his	Ref Value 40.00	08M			CF Step 14.000 Au	000 MHz to	
	الهالج فارواقات المراجعة في مساعد المساولين	watu			home	PE.	Freq Of		
iù 0 50.0 enter 3,84000			#Video BW 6.00	00 MHz		Span 140 M			
tes BW 1.500 Metrics	JU MHZ				#5	weep 50.0 ms (1001 p	5)		
Occup	bied Bandwidtl 64.	h 460 MHz		Total Power		30.3 dBm			
	mit Freq Error 3andwidth	-1,6345 68.06		% of OBW Pov x dB	wer	99.00 % -26.00 dB			Loc
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#### n77(3700~3980 MHz)\_70 M\_OBW\_Mid\_16QAM\_FullRB



requency v	Frequenc	and the second second					* +		pectrum Anal ccupied BW
	Center Frequency 3.840000000 GHz		Center Freq Avg Hold 50 Radio Std N	Trig Free Run Gate: Off #IF Gain Low	Atten 14 dB Preamp Off	hput Z 50 Ω Corr CCorr Treg Ref. Int (S) IFE Adaptive	00 0 7 F	Input_RF Coupling Dr Align Auto	
	Span 140.00 MHz				Ref LvI Offset 29 Ref Value 40.00 d			t dB	Graph
Hz	GF Step 14.000000 MHz			IBM	ker value 40.00 d			dВ	000
	Auto Man			under de la construir de la cons	where the product of the second second	and the second			20.0
	Freq Offset 0 Hz	PEAK.	hower				notreation	manumhan	
									30-0 40.0 50.0
		Span 140 MHz Sweep 50.0 ms (1001 pts)	#Sw	0 MHz	Video BW 6.000	*			enter 3.8400 Res BW 1.50
								+	Metrics
		29.8 dBm		Total Power		Hz	width 64.498 M	oied Bandwl 6	Occu
Lot		99.00 % -26.00 dB	ver	% of OBW Pov x dB		-1.6669 M		mit Freq Err Bandwidth	

#### n77(3700~3980 MHz)\_70 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyzer 1	÷					Ö	Frequency	1 1 3
KEYSIGHT Input. RF Coupling, DG Algn: Auto	Input Z: 50 Q Corr CCorr Freq Ret. Int (S) NFE: Adaptive	Atten: 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Center Freq AvgiHold 50 Radio Std M			Frequency 00000 GHz	Settings
Graph T Graph T Grale/Div 10.0 dB	F	tef LvI Offset 29				Span 140.00	MHz	
0g 30 0 20.0		Ref Value 40.00				Au	000 MHz to	
10 0 0 00 10 0 20 0 20 0	Arch			TUTINATION	PE Northerspelantistics	Freq Of AK 0 Hz		
40 0 50 0								
Center 3.84000 GHz Res BW 1.5000 MHz 2 Metrics		Video BW 6.00	JO MHZ	#Sw	Span 140 M eep 50.0 ms (1001 p			
Occupied Bandwidth 64.4 Transmit Freq Error	94 MHz -1,5929 MH	12	Total Power % of OBW Poy	Ner	27.8 dBm 99.00 %			
x dB Bandwidth	68.01 MF		x dB		-26.00 dB			Loc
1501	<b>?</b> Nov 06, 2024 12:17:20 PM	9						

#### n77(3700~3980 MHz)\_70 M\_OBW\_Mid\_256QAM\_FullRB



ccupled BW	Ineut DC	+	ut Z: 50 Ω	Atten 14 dB	Trig: Free Run	Cont	ár Denes	3.84000000	0044	٥	Frequenc	
	Coupling DC Align Auto	Co Fre	eq Ref. Int (S)	Preamp Off	Gate: Off #IF Gain Low	Avgi	er Freq Hold: 50 p Std: N	/50	I GHZ		Frequency 00000 GHz	Settings
graph		INF		Ref LvI Offset 2						Span 160.00	MHz	
cale/Div 10.0	dB	_	_	Ref Value 40.00	dBm					CF Step		1
0.0										16.000	000 MHz	
0.0		ł		hanne an	and an and the second second	-				Au Ma		
0.0	ylystolwayartoid	null and					Lillerte	manuant	PEAK	Freq Of 0 Hz	fset	1
0.0												
enter 3.84000 Res BW 1.600				Video BW 6.00	00 MHz		#Sw		an 160 MHz s (1001 pts)			
Metrics	+											
Occup	ied Bandwidth	1 296 MH	7		Total Power			31.6 d	łm			
Trans	mit Freq Error		-250.35 kl	17	% of OBW Po	War		99.00				
	Bandwidth		81.17 M		x dB	WEI		-26.00				Lo
			ov 06, 2024 2:28:32 PM									

#### n77(3700~3980 MHz)\_80 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyzer 1	+						Ö	Frequenc	y + 5,
	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Atten 14 dB Preamp Otf	Trig: Free Run Gate: Otf #IF Gain: Low	Center Fre AvgiHold Radio Std		GHz		Frequency 00000 GHz	Settings
Graph T		Ref Lvi Offset 29 Ref Value 40.00					Span 160.00	MHz	
og 30 0 20 0							CF Step 16.000 Aut Ma	000 MHz	
2.00 10.0 20.0 <mark>Ministrational Antonio Ministrational Antonio Ministration Antonio Ministrational Antonio Ministrationa Antonio Ministrational Antonio Ministrational Antonio Ministrational Antonio Ministrational Antonio Ministrationa</mark>	ni++/			h	warnand all and	PEAK	Freq Off 0 Hz	fset	
50.0 Center 3,84000 GHz Res BW 1.6000 MHz		#Video BW 6.00	00 MHz	#5	Spa weep 50.0 ms	n 160 MHz (1001 pts)			
Metrics   Occupied Bandwidth 77.3	03 MHz		Total Power		31.3 dB	m			
Transmit Freq Error x dB Bandwidth	-242.21 k 81.28 M		% of OBW Pov x dB	wer	99.00 ° -26.00 d	%			Loca
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#### n77(3700~3980 MHz)\_80 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analyzer 1 Coccupied BW	÷							Ċ,	Frequency	( * 器
RL Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Avgi	er Freq 3 Hold 50/5 5 Std Nor		GHz		Frequency 00000 GHz	Settings
DO PASS 1 Graph T Scale/Div 10.0 dB	a second second	Ref LvI Offset 29 Ref Value 40.00						Span 160.00	MHz.	
20.0 20.0 20.0 20.0 20.0 10.0	- Junior and a start		abm 	-				CF Step 16.000 Aut Ma	000 MHz to	
0.00 10.0 20.0 30.0 40.0					Universit	بر <sub>ایده</sub> بوراید	PEAK	Freq Of 0 Hz	fset	
50.0 Center 3,84000 GHz Res BW 1.6000 MHz		#Video BW 6.000	00 MHz		#Swee		n 160 MHz (1001 pts)			
Metrics  Occupied Bandwidth 77.1	61 MHz		Total Power			30.4 dB	m			
Transmit Freq Error x dB Bandwidth	-199.07 ki 81.19 Mi		% of OBW Pov x dB	ver		99.00 -26.00 d				Loca
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#### n77(3700~3980 MHz)\_80 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analyze Occupied BW	er 1 🔹 🕂								ø	Frequenc	· · 😤
	iput_RF oupling_DC: Jign_Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Off #IF Gain: Low	Avg	lêr Freq Hold 5 Io Std 1		I GHz		Frequency 00000 GHz	Settings
1 Graph	*	1	Ref LvI Offset 29						Span 160.00	MHz	
icale/Div 10.0 di .00 30.0 20.0 10.0			Ref Value 40.00	and the state of t	n-Julyan				CF Step 16.000 Aut Ma	000 MHz to	
0.00 10.0 20.0 30-0	iluupele <sup>t</sup> etralise <sup>na</sup> tiraati					Lan	white	PEAK	Freq Of 0 Hz		
40 0 50 0 Center 3,84000 C Res BW 1.6000		,	≠Video BW 6.000	00 MHz		#Sv	Spa Spa	an 160 MHz (1001 pts)			
Metrics	ed Bandwidth										
Cocopie	77.259	MHz		Total Power			29.9 dE	lm			
Transmi x dB Ba	it Freq Error Indwidth	-274.65 kH 81.26 MH		% of OBW Pov x dB	wer		99.00 -26.00				Local
150	* 1 ?	Nov 06, 2024 12:29:40 PM	Ð					X			

#### n77(3700~3980 MHz)\_80 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyze	er 1 🔹	÷							ø	Frequenc	y + 3,
AL A	iput RF oupling DC lign Auto	Input Z: 50 Ω Corr CCorr Freq Ret. Int (S) NFE Adaptive	Atten: 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Avgil	ar Freq Hold 50 Std N		) GHz		Frequency 00000 GHz	Settings
Graph Graph	*	NEL AUAPINE	Ref LvI Offset 29						Span 160.00	MHz	
.0g 30 0 20.0 10 0		and the first of a second	Ref Value 40.00	aum					CF Step 16.000 Au Ma	000 MHz to	
0 00 10 0 20 0 30 0 40 0 50 0	agagidy-Tranya,N	, in the second s				hin	Whentheorthe	PEAK MMUNUJen	Freq Of 0 Hz	fset	
Center 3.84000 C Res BW 1.6000			#Video BW 6.000	00 MHz		#Sw	Spa eep 50.0 ms	an 160 MHz 5 (1001 pts)			
Metrics Occupie	d Bandwidth 77.24	9 MHz		Total Power			27.8 dE	3m			
Transmi x dB Ba	it Freq Error ndwidth	-230.37 k 81.02 M		% of OBW Pov x dB	ver		99.00 -26.00				Loc
150		Nov 06, 2024 12:30:04 PM	Ø					X			

#### n77(3700~3980 MHz)\_80 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analy. Occupied BW	zer 1 🔹	+						0	Frequency	( * 33
NL III	Input_RF Coupling_DC Align_Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten: 14 dB Preamp: Off	Trig Free Run Gate Ott #IF Gain Low	Center Fre AvgiHold Std Radio Std		0 GHz		Frequency 00000 GHz	Settings
Graph	T.		Ref LvI Offset 29 Ref Value 40.00					Span 180.00	MHz	
000 20.0 10.0		Jummer		Antonia antica di Antonia antico di Antonia anti	-			CF Step 18.000 Au Ma	000 MHz to	
0.00 10.0 20.0 50.0 10.0	لمنارميه إجوارو بيس أرجعهم	~			\	Magainad	PEAK	Freq Of 0 Hz	fset	
50.0 enter 3,84000 Res BW 1.800			Video BW 8.000	00 MHz	#5		an 180 MHz s (1001 pts)			
Metrics Occup	t ied Bandwidth 86.90	00 MHz		Total Power		31.7 d	Bm			
	nit Freq Error landwidth	-508.99 ki 91.21 Mi		% of OBW Pov x dB	wer	99.00 -26.00	)%			Loca
150		Nov 06, 2024 12:41:15 PM	Ð							

#### n77(3700~3980 MHz)\_90 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analyzer 1	+						Q	Frequenc	y + 3
KEYSIGHT Input RF	Input Z: 50 Ω Corr CCorr Freq Ret. Int (S) NFE: Adaptive	Atten 14 dB Preamp Off	Trig Free Run Gate: Off #IF Gain Low	Center F AvgiHold Radio St		00 GHz		Frequency 00000 GHz	Settings
Graph FASS		Ref Lvi Offset 29 Ref Value 40.00					Span 180.00	MHz	
20.0							CF Ste 18.000 Au	000 MHz	
0.00	1		4 <b>776-17-77</b> -779-63-11-1476-1-18				Freq O	n	
100 200 300	staand			Į,	- maladamenter	PEAK. Malantandagi anda	0 Hz	1961	
40 0 -50.0 Center 3.84000 GHz		Video BW 8,000	00 MHz		S	pan 180 MHz			
Res BW 1.8000 MHz				#	Sweep 50.0 m	is (1001 pts)			
Occupied Bandwidt 86.	h 869 MHz		Total Power		31.3 d	Bm			
Transmit Freq Error x dB Bandwidth	-451.16 k 91.43 M		% of OBW Pov x dB	ver	99.0 -26.00				Loc
	? Nov 06, 2024 12:41:39 PM								

#### n77(3700~3980 MHz)\_90 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analy Occupied BW	vzer 1	+						0	Frequency	(* 3)
	Input_RF Coupling DIC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ret. Int (S) NFE: Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Off #IF Gain: Low	Center F Avg/Hold Radio St		0 GHz		Frequency 00000 GHz	Settings
Graph	T	Contraction of the second	Ref LvI Offset 29 Ref Value 40.00					Span 180.00	MHz	
	ав 			ann Manaitheannaitheann	and we have a second			CF Step 18.000 Au Ma	000 MHz to	
	onon-advised	un				all Manufarence	PEAK	Freq Of 0 Hz		
enter 3.84000 Res BW 1.800			Video BW 8.000	0 MHz		Sp Sweep 50.0 m	oan 180 MHz s (1001 pts)			
Metrics Occut	pied Bandwidti									
	86.i mit Freq Error Bandwidth	435.26 k -435.26 k 91.43 M		Total Power % of OBW Pow x dB	wer	30.4 d 99.00 -26.00	)%			Loc
5	2	? Nov 06, 2024 12:42:01 PM	9							

### n77(3700~3980 MHz)\_90 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analy Occupied BW	vzer 1 +	+								Q	Frequenc	y 🔹 🗧
	Input_RF Coupling_DC Align_Auto	Corr C Freq R	2 50 Ω Corr tet: Int (S) Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Off #IF Gain: Low	Avg	ter Freq Hold: 50 Io Std: N		GHz	and the second s	Frequency 000000 GHz	Settings
PASS     Graph     Graph     Graph     Graph     Graph	1		,	Ref LvI Offset 2 Ref Value 40.00						Span 180.00	MHz	
20.0					asm					Au	0000 MHz Ito	
0.00		~~~					hand	manaradar	PEAK	Ma Freq O 0 Hz		
40.0 50.0	0 GHz			Video BW 8.000	00 MHz			Sp	an 180 MHz			
Res BW 1.800 2 Metrics	00 MHz †						#Sw	eep 50.0 ms				
Occup	pied Bandwidth 86.7	55 MHz			Total Power			29.9 dE	im			
	mit Freq Error Bandwidth		-434.78 ki 91.34 Mi		% of OBW Pov x dB	wer		99.00 -26.00				Loc
	C" 🗌	? Nov 1	06, 2024 2:24 PM	9								

### n77(3700~3980 MHz)\_90 M\_OBW\_Mid\_64QAM\_FullRB



Spectrum Analyze Occupied BW	art <b>x</b> -							0	Frequenc	1 + 31
	iput_RF oupling_DG lign_Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	AvgiHe	Freq 3 8400000 Id 50/50 Std None	10 GHz	and the second s	Frequency 00000 GHz	Settings
Graph cale/Div 10.0 dl	*		Ref LvI Offset 29 Ref Value 40.00					Span 180.00	MHz	
		and the first sector to and	ker value 40.00		arind			CF Step 18.000 Au Ma	000 MHz to	
	المطعران سأواعو الطيعا كالمالي	J				a Juda og feelander fra mjæ	PEAK.	Freq Of 0 Hz		
10.0 50.0 enter 3,84000 G Res BW 1.8000			Video BW 8.000	0 MHz		Sj #Sweep 50.0 m	pan 180 MHz is (1001 pts)			
Metrics Occupie	d Bandwidth									
Transmi x dB Ba	86.902 t Freq Error ndwidth	-515.22 kl 91.53 Mł		Total Power % of OBW Pow x dB	ver	27.9 d 99.0 -26.00	0 %			Loc
50	2 ?	Nov 06, 2024 12:42:47 PM	Ð							

#### n77(3700~3980 MHz)\_90 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analy Occupied BW	yzer 1	+						Q	Frequency	1 1 2
	Input_RF Goupling DC: Align Auto	Input Z: 5 Corr CCor Freq Ref NFE Ada	rr Preamp Off Int (S)	Trig: Free Run Gate: Off #IF Gain: Low	Center Fre AvgiHold S Radio Std		0 GHz		Frequency 00000 GHz	Settings
Graph	*		Ref LvI Offset 29					Span 200,00	MHz.	
000	GB		Ref Value 40.00	abm				CF Step 20.000	) 000 MHz	
20.0		Juni	and a state of the	mining the second				Au Ma		
0.00 10.0 20.0 <b>1</b> 20.0	به نو سرو در ان اندار مهانو سرو در ان	miter			m	adodha Jaliman	PEAK	Freq Of 0 Hz	fset	
40.0										
Center 3,8400 Res BW 2.000			#Video BW 8.000	00 MHz	#S	Sp weep 50.0 m	an 200 MHz s (1001 pts)			
2 Metrics Occup	pied Bandwidti 96.	h 529 MHz		Total Power		31.9 d	Bm			
	mit Freq Error Bandwidth		55.70 kHz 01.4 MHz	% of OBW Pov x dB	wer	99.00 -26.00				Loc
5	(* 1	? Nov 06, 12:54:0	2024 8 PM							

#### n77(3700~3980 MHz)\_100 M\_OBW\_Mid\_BPSK\_FullRB



Spectrum Analy Occupied BW		+								0	Frequenc	y + 3,
	Input RF Coupling DC Align Auto	Col Fre	ut Z: 50 Ω rr CCorr q Ref. Int (S) E: Adaptive	Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Ott #IF Gain: Low	Center Avg/Ho Radio	old 50		GHz		Frequency 00000 GHz	Settings
Graph	1	NE		Ref Lvi Offset 29 Ref Value 40.00						Span 200.00	MHz	
.0g 30 0 20.0	св 	ļ	um in gran		and the second					CF Step 20.000 Au Ma	000 MHz to	
10 0	na an a						better	warne die keree	PEAK	Freq Ol 0 Hz	fset	
enter 3,8400 Res BW 2.000				#Video BW 8.00	00 MHz		#Sw	Spa eep 50.0 ms	n 200 MHz (1001 pts)			
Metrics Occup	T Died Bandwidti 96.1	n 561 MHz	7		Total Power			31.5 dB	n			
	mit Freq Error 3andwidth		-662.22 k 101.6 M		% of OBW Pov x dB	wer		99.00 -26.00 d	%			Loca
15		? No	ov 06, 2024 2:54:31 PM	9								

### n77(3700~3980 MHz)\_100 M\_OBW\_Mid\_QPSK\_FullRB



Spectrum Analy Occupied BW	rzer 1 +	+								\$	Frequenc	1 + 3
	Input RF Coupling D/S Align Auto			Atten: 14 dB Preamp Off	Trig: Free Run Gate: Ott #IF Gain: Low	Avg	tér Freq Hold 50 io Std N		) GHz	and the second s	Frequency 00000 GHz	Settings
Graph	1 dB		R	ef LvI Offset 29						Span 200.00	MHz	
<b>óg</b> 0.0 0.0 0.0		-		nielese maint		علمهما ومنع				CF Step 20.000 Au Ma	000 MHz to	
00 0 0 0 0 0 0 0 0	ana la cara la cara ang	wend					hante	hir-friedligt (son his	PEAK Malaghan M	Freq Of 0 Hz	lfset	
enter 3,8400 Res BW 2.000			#	Video BW 8.000	00 MHz		#Sw	Spa eep 50.0 ms	an 200 MHz 5 (1001 pts)			
Metrics Occup	vied Bandwldth	) 542 MHz			Total Power			30.5 dE	m			
	mit Freq Error 3andwidth		-685.55 kH 101.4 MH		% of OBW Pov x dB	wer		99,00 -26.00 d	%			Loc
5		? Nov 0	06, 2024 1:53 PM						X			

### n77(3700~3980 MHz)\_100 M\_OBW\_Mid\_16QAM\_FullRB



Spectrum Analy Occupied BW	rzer 1 +	+							ø	Frequenc	· ·
	Input RF Coupling DG Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Ott #IF Gain: Low	Avgi	er Freq Hold: 50 o Std: N		GHz		Frequency 00000 GHz	Settings
Graph	*	and the second second	Ref Lvi Offset 29 Ref Value 40.00						Span 200.00	MHz	
00 30 0 20.0		mpontanguinta							CF Step 20.000 Au Ma	000 MHz to	
2 00 10 0 20 0 30-0	fallen av te av te the fallence	vin				lastin	ontroder Maria	PEAK Antoina Paritani	Freq Of 0 Hz	fset	
50.0 enter 3,8400 Res BW 2.000			#Video BW 8.00	00 MHz		#Sw	Spa eep 50.0 ms	an 200 MHz (1001 pts)			
Metrics Occup	pied Bandwidth	97 MHz		Total Power			30.2 dB				
	mit Freq Error Bandwidth	-693.66 k 101.6 M		% of OBW Pov x dB	ver		99.00 -26.00 c	%			Loca
15	C .	Nov 06, 2024 12:55:16 PM	Ø								

#### n77(3700~3980 MHz)\_100 M\_OBW\_Mid\_64QAM\_FullRB



	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	Atten 14 dB Preamp Off	Trig: Free Run Gate: Off #IF Gain: Low	Avg	ter Freq 2  Hold: 50/5 Io Std: No		) GHz		Frequency 00000 GHz	Settings
Graph r		Ref LvI Offset 29 Ref Value 40.00						Span 200,00	MHz.	
Cale/Div 10.0 dB 30 0 20.0 10 0	and the sector of the sec-		asm					CF Step 20.000 Aut Ma	000 MHz to	
0.00 10.0 20.0 30.0 40.0					Lashapparta	Muunkleeinu	PEAK.	Freq Of 0 Hz	fset	
Center 3,8400 GHz Res BW 2.0000 MHz		Video BW 8.000	00 MHz		#Swe		an 200 MHz s (1001 pts)			
Metrics Occupied Bandwidth 96.58	35 MHz		Total Power			28.1 dB	3m			
Transmit Freq Error x dB Bandwidth	-667.43 kl 101.5 M		% of OBW Pov x dB	ver		99.00 -26.00				Loo
	Nov 06, 2024 12:55:40 PM						- 12			

#### n77(3700~3980 MHz)\_100 M\_OBW\_Mid\_256QAM\_FullRB



Spectrum Analy Swept SA	vzer 1 🔹	+					Ċ.	Frequency	
EYSIGHT	Input RF Coupling DG Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gale Off IF Gain Low Ski Track Off	#Avg Type: Po Ting: Free Run	wer (RMS 1 2 3 4 5 6 M WW WW W P P P P P P	the second se	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 d	r IB		Ref Level 4.00	Carlo Press Const.	Mkr1	10.000 00 GHz -63.31 dBm	Sw	0000 GHz ept Span	
6.0		X	2					o Span ull Span	
6.0 6.0							Start Fre 30,000	eq 000 MHz	
5.0 5.0 5.0	minina	manaparastation	umuruthanihi aturan	al and a start	wardeline the tradition of the s	an Nara Indenting Production of the	Stop Fre 10.000	9 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1.47	TO TUNE	
Res BW 1.0 M Marker Table Mode	AHz Trace Scale	x	Ŷ		Sweer Function Width	p ~18.1 ms (1001 pts) Function Value	Concernance of the local division of the loc	0000 MHz o	
1 N 2 N 3	1 1	10.000 00 GHz 3.698 96 GHz					Freq Off 0 Hz	set	-
4 5 6							X Axis S Log Lin	1	Loc
5	C"	P Dec 05, 2024 9:22:01 AM						-	

## n77(3700~3980 MHz)\_20 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



wept SA		+					¢	Frequency	× • 5
EYSIGHT	Input: RF Goupling, DG Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type Po Trig: Free Run	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P		Frequency 100000 GHz	Settings
Spectrum cale/Div 10 c	r iB		Ref Level 4.00		Mkr	1 4.965 15 GHz -62.77 dBm	Sv	00000 GHz vept Span	
6.0 6.0			Y2					ro Span Full Span	
6.0 6.0							Start Fi 30.000	eq 1000 MHz	
	ging the a taur bealth	alashan dalaman sa dalah	and the second designed and	and resident stream	يوريان بيمان برالمرحو والقام	hadden and a state of the state	Stop Fr 10.000	eq 1000000 GHz	
tart 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		JTO TUNE	
Res BW 1.0 I Marker Table Mode	MHz Trace Scale	×	Y	Function	Sweej Function Width	p ~18.1 ms (1001 pts) Function Value	Contraction of the local division of the loc	0000 MHz to	
1 N 2 N 3	1 1	4.965 15 GHz 3.828 57 GHz					Freq O 0 Hz	fset	-
4 5 6			_				X Axis : Lo Li	g	LO
5	C .	2 Dec 05, 2024 9:23:07 AM	$\odot$						

# n77(3700~3980 MHz)\_20 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



pectrum Analy wept SA	vzer 1	+					Ö,	Frequency	* 5
	Input RF Coupling DG Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Rur	Wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 d	r IB		Ref Level 4.00		Mkr	1 9.960 12 GHz -63.27 dBm	Sw	0000 GHz ept Span	
6.0			2					o Span uli Span	
i.0 3.0							Start Fr 30,000	eq 000 MHz	
5.0 5.0 5.0 xiyus.hvi-ajhr	محط والمعالية والمعا	al dependentities in the second of the	- water and a state	ununananan	Lonopetric allandard fr	and the second second second second	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1. 1. 1	TO TUNE	
	Trace Scale	x	Y	Function	Sweej Function Width	p ~18.1 ms (1001 pts) Function Value	and the second second	0000 MHz to	
1 N 2 N 3	1 f 1 f	9,960 12 GHz 3.958 18 GHz					Freq Of 0 Hz	lset	-
5 6							X Axis S Lo Lin	9	Loc
5	C*	Pec 05, 2024 9:24:09 AM	9						

## n77(3700~3980 MHz)\_20 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



Spectrum Analyzer 1	+					Q.	Frequency	
Computer RE Computer OG Alger Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate: Off IF Gain Low Sig Track Off	#Avg Type: Po Ting: Free Run	wer (RMS 1 2 3 4 5 6 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum • cale/Div 10 dB og	the outlines in the	Ref Level 4.00	Contraction of the second	Mkr	1 9.940 18 GHz -62.59 dBm	Sw	0000 GHz ept Span	
1 00 6 0	¥	2					o Span uli Span	
6.0 6.0 6.0						Start Fr 30.000	eq 000 MHz	
6.0 6.0 6.0 46mm/~100000000000000000000000000000000000	popularmandormand	the territy of the second	shunnana	an and an an an an an	and the second	Stop Fr 10.000	eq 000000 GHz	
36.0 tart 30 MHz		#Video BW 3.0	MHz		Stop 10.000 GHz	1.1	TO TUNE	
Res BW 1.0 MHz Marker Table T Mode Trace Scale		Y	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 1 F 2 N 1 F 3	9,940 18 GHz 3.698 96 GHz					Freq Of 0 Hz	lset	-
4 5 6						X Axis S Lo Lin	9	Loc
150	? Dec 05, 2024 9:25:17 AM	$\odot$						

## n77(3700~3980 MHz)\_30 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



pectrum Analyzer 1 wept SA		t					Ċ.	Frequency	
	ERF Jung DG Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 7 0 М WW WW W Р Р Р Р Р Р Р	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 dB	*		Ref Level 4.00		Mkr	1 8.315 07 GHz -62.63 dBm	Sw	0000 GHz rept Span ro Span	
5.0			2					full Span	
i.0 i 0						-1	Start Fr 30.000	eq 000 MHz	
0 0 0 Hand Marsh Hay My and	ananahatartar	ayabiyatiki yafinati atala siyi	at margane	an monthe and the second s	and the second state of the se	and a standard and a stand	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1	ITO TUNE	
tes BW 1.0 MHz Marker Table Mode Trace	T e Scale	x	Y	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 1 2 N 1 3	1	8.315 07 GHz 3.828 57 GHz					Freq Of 0 Hz	lset	-
4 5 6							X Axis S Lo Lir	g	Lo
うろ		Dec 05, 2024 9:26:23 AM	Ð				s		

## n77(3700~3980 MHz)\_30 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



pectrum Anal wept SA	yzer 1	+					0	Frequency	•
	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Ski Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 8 6 M WW WW W P P P P P P P	5.0150	Frequency 100000 GHz	Settings
Spectrum Scale/Div 10 c	т 1В		Ref Level 4.00	dBm	Mkr	8.743 78 GHz -63.00 dBm	Sw	00000 GHz vept Span	
6 00 16 0 26 0			Y2					ro Span Full Span	
36.0 46.0							Start Fr 30.000	eq 1000 MHz	
56.0 66.0 76.0	grade the start of the	ስምምምምምምምምምምምምምምም	all at an answer	non a second and the	nanther the set for the set	an yan dalaman wasan dan	Stop Fr 10.000	eq 1000000 GHz	
86.0 Start 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		JTO TUNE	
Res BW 1.0 I 5 Marker Table Mode	MHz Trace Scale	x	Y	Function I	Sweer	718.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3 4		8.743 78 GHz 3.948 21 GHz					Freq Of 0 Hz	fset	-
5 6							X Axis S Lo Lir	g	Lo
5	C .	Pec 05, 2024 9:27:25 AM							

## n77(3700~3980 MHz)\_30 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



Spectrum Analyz Swept SA	zer 1	+					ø	Frequency	* * 5
	Input RF Compling DG Align Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Ting: Free Run	wer (RMS 1 2 3 4 5 0 M WW WW W P P P P P P P		Frequency 00000 GHz	Settings
Spectrum cale/Div 10 dE	в		Ref Level 4.00		Mkr	1 7.447 68 GHz -63.72 dBm	Sw	0000 GHz ept Span	
00 6.0			2					ro Span full Span	
5.0 5.0 3.0							Start Fr 30.000	eq 000 MHz	
5.0 5.0 5.0 wuhijaiwakinm	eletitensillensetenseterter	recturbiophytomatel	- and a state of the state of t	and a state of the second s	rate and the second	ran ang ang ang ang ang ang ang ang ang a	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		ITO TUNE	
	Hz Trace Scale	x	Ý	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3	1 f 1 f	7.447 68 GHz 3.698 96 GHz					Freq Of 0 Hz	lset	
4 5 6							X Axis S Lo Lir	g	Lor
50		Dec 05, 2024 9:28:33 AM	Ð				-	-1	

### n77(3700~3980 MHz)\_40 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



Spectrum Ana Swept SA	lyzer 1	+					¢	Frequency	* 33
	Linput: RF Coupling, DC Align: Auto	Input Z 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer(RMS <mark>123450)</mark> MWWWWW PPPPPP		requency 00000 GHz	Settings
1 Spectrum	*				Mkr2	3.818 60 GHz		000 GHz	
Scale/Div 10	dB		Ref Level 4.00	dBm		-3.07 dBm	Sw	ept Span	
Log -6.00			2				Zer	o Span	
-16.0							F	ull Span	
-36.0 -46.0							Start Fre	q 000 MHz	
-10.0	ndullypullininger-familiensers	alvellessonandettenst	an ann an ann an an an an an an an an an	ويعاون المناور المراجع	allanderserversteren and	anakarata kunakari sunata	Stop Fre 10.0000	9 100000 GHz	
-86.0							AU	TO TUNE	
Start 30 MHz #Res BW 1.0	MHz		#Video BW 3.0	MHz	Sweep	Stop 10.000 GHz ~18.1 ms (1001 pts)	CF Step		
5 Marker Table							Contraction of	000 MHz	
Mode	Trace Scale	x	Y	Function	Function Width	Function Value	Aut Mai		
1 N 2 N		9.950 15 GHz 3.818 60 GHz					Freq Off	set	
3							0 Hz		
4 5 6							X Axis S Log Lin		Local
5	3	Dec 05, 2024 9:29:40 AM					s 7	-	

### n77(3700~3980 MHz)\_40 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



pectrum Analy wept SA	/zer 1	+					Q.	Frequency	
	Input RF Coupling DC Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Rur	Wer (RMS 1 2 3 4 5 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 d	r B		Ref Level 4.00		Mkr	1 9.391 83 GHz -62.98 dBm	Sw	0000 GHz ept Span	
00 6.0			Y2					ro Span full Span	
5.0 1.0 3.0							Start Fr 30.000	eq 000 MHz	
5.0 5.0 5.0	بالهتيدا والاستنار المراجع	Hardwar (fritration of orthogon of the		and with the second	Lucationstration	er vysterzzedzte spleniaretech	Stop Fri 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		ITO TUNE	
	Trace Scale		Y	Function	Swee Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3 4	1 f 1 f	9.391 83 GHz 3.938 24 GHz					Freq Of 0 Hz	lset	-
4 5 6							X Axis S Lo Lin	g	Loc
う	2	? Dec 05, 2024 9:30:43 AM						-	

## n77(3700~3980 MHz)\_40 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



Spectrum Analyzer 1 Swept SA	+ +					Q.	Frequency	
EYSIGHT Input RF L ++ Coupling Align Auto		#Atten: 14 dB Preamp Off	PNO Fast Gale: Off IF Gain Low Sig Track: Off	#Avg Type: Po Ting: Free Run	wer (RMS 1 2 3 4 5 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum  cale/Div 10 dB		Ref Level 4.00		Mkr	1 9.112 67 GHz -63.57 dBm	Sw	0000 GHz ept Span	
00 6.0		2					o Span uli Span	
5.0 5.0 5.0						Start Fr 30,000	eq 000 MHz	
5.0 5.0 5.0 Marchiner Strandonting	with the former particular with	How The age and a state of the	sout propheses was	and the product of the second	and the second	Stop Fr 10.000	eq 000000 GHz	
6.0 art 30 MHz		#Video BW 3.0	MHz		Stop 10.000 GHz	1. 1. 1	TO TUNE	
	scale X	Ŷ	Function	Sweer Function Width	718.1 ms (1001 pts) Function Value	and the second second	0000 MHz to	
1 N 1 2 N 1 3	f 9.112 67 GH f 3.698 96 GH					Freq Of 0 Hz	lset	-
4 5 6						X Axis S Lo Lin	9	Loc
150	Dec 05, 2024 9:31:51 AM						-	

## n77(3700~3980 MHz)\_50 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



pectrum Anal wept SA	vzer 1 🔹	+					ø	Frequency	
	Input RF Coupling DG Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Rur	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r B		Ref Level 4.00	Construction of the second	Mkr	1 5.164 55 GHz -63.21 dBm	Sw	0000 GHz ept Span to Span	
6.0			<sup>2</sup>					uli Span	
5.0 6.0 6 0							Start Fr 30.000	eq 000 MHz	
	entripition when ment	waynyaracitywantastawanyta	warne warne w	1 Malesana di Maria di Maria di Maria di Mari	analatara		Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		TO TUNE	
tes BW 1.0 Marker Table Mode	AHz Trace Scale		Y	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3	1 1	5.164 55 GHz 3.818 60 GHz					Freq Of 0 Hz	lset	
4 5 6							X Axis S Lo Lir	9	Lor
5	C"	? Dec 05, 2024 9:32:59 AM							

# n77(3700~3980 MHz)\_50 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB





### n77(3700~3980 MHz)\_50 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



pectrum Anal wep! SA	yzer 1	+					Ċ.	Frequency	•
	Input RF Coupling DG Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Rur	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r iB		Ref Level 4.00	Contra Contra Contra	Mkr	1 8.863 42 GHz -62.94 dBm	Sw	0000 GHz ept Span	
3 00 16 0			2					o Span uli Span	
26.0 36.0 46.0							Start Fr 30.000	eq 000 MHz	
56.0 56.0 76.0	planet and a	and the second	hamenanteration	hermontativier	والمحالية	ration and a spectra states and and	Stop Fr 10.000	eq 000000 GHz	
ac.0 Itart 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1.1	TO TUNE	
Res BW 1.0 I Marker Table Mode	MHz Trace Scale	x	Ŷ	Function	Sweej Function Width	p ~18.1 ms (1001 pts) Function Value	Concession of the local division of the loca	0000 MHz to	
1 N 2 N 3		8.863 42 GHz 3.698 96 GHz					Freq Of 0 Hz	lset	
4 5 6							X Axis S Lo Lir	9	Lo
5	(" ] '	Pi35:10 AM	0						

## n77(3700~3980 MHz)\_60 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



Spectrum Anal Swept SA	yzer 1 🔹	+					Ö	Frequency	1 .
	Coupling DG Align Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type Po Trig: Free Run	wer (RMS 1 2 3 4 5 0 M WW WW W P P P P P P		Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r iB		Ref Level 4.00		Mkr	1 9.990 03 GHz -62.84 dBm	Sw	0000 GHz ept Span	
3 00 16.0 26.0			2					o Span uli Span	
96.0 16.0							Start Fr 30.000	eq 000 MHz	
6.0 6.0	rwarmarener	anna an ann an an an an an an an an an a	University	ويدار معطاهم يطرو والمالير والماري والمحاد	Action to many advised on	innere and the second states and the	Stop Fr 10.000	eq 000000 GHz	
tart 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1	TO TUNE	
Res BW 1.0 I Marker Table Mode	MHz Trace Scale	x	Ý	Function	Sweer Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3	1 1	9.990 03 GHz 3.808 63 GHz					Freq Of 0 Hz	lset	-
4 5 6							X Axis S Lo Lir	9	Lor
う	C"	2 Dec 05, 2024 9:36:17 AM						-	

## n77(3700~3980 MHz)\_60 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB





### n77(3700~3980 MHz)\_60 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



pectrum Analyzer 1 wept SA	+			Frequen	cy v 🗧
EYSIGHT Input RF Compling DG Align Auto	Input Z: 50 Q: #Atten: 14 Corr CCorr Preamp C Freq Ref. Int (S) NFE: Adaptive	dB PNO-Fast #Ave Mf Gate-Off Trig IF-Gain-Low Sig Track-Off	g Type: Power (RMS 1 2 8 4 5 6 Free Run M WW WW W P P P P P P P	Center Frequency 5.015000000 GHz	Settings
Spectrum • cale/Div 10 dB	Ref Level	4.00 dBm	Mkr1 8.015 97 GHz -63.62 dBm	Span 9.97000000 GHz Swept Span Zero Span	
6.0				Full Span	
5.0 5.0 5.0				Start Freq 30.000000 MHz	1
5.0 5.0 rodespersitive where any capter	and the second state where where	and for the second stand and stand stands	International system and the second system second system and the second system and the second system second s	Stop Freq 10.000000000 GHz	
6.0 art 30 MHz	#Video B	W 3.0 MHz	Stop 10.000 GHz	AUTO TUNE	
tes BW 1.0 MHz Marker Table • Mode Trace Scal		Function Function	Sweep ~18.1 ms (1001 pts) n Width Function Value	CF Step 997.000000 MHz Auto Man	
1 N 1 f 2 N 1 f 3 4	8.015 97 GHz -63.62 3.698 96 GHz -3.393			Freq Offset 0 Hz	_
5				X Axis Scale Log Lin	Loc
500	? Dec 05, 2024 9:38:30 AM				

# n77(3700~3980 MHz)\_70 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



pectrum Anal wep! SA		+					Ċ,	Frequency	× •
	Coupling DG Align Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P	5.0150	Frequency 100000 GHz	Settings
Spectrum cale/Div 10 c	r IB		Ref Level 4.00		Mkr	1 7.756 75 GHz -63.70 dBm	Sv	00000 GHz vept Span	
6.0			2					ro Span Full Span	
6.0 6.0							Start Fr 30.000	eq 1000 MHz	
	Humannyamen	wyant many	Both marine por	we have a start of the	ange and an	มการสุดกระปฏิสารารทรงหาวิทยา	Stop Fr 10.000	eq 0000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1. 1.	JTO TUNE	
Res BW 1.0 I Marker Table Mode	MHz Trace Scale	x	Y	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value	Concession of the local division of the loca	0000 MHz to	
1 N 2 N 3	1 1	7.756 75 GHz 3.808 63 GHz					Freq O 0 Hz	fset	-
4 5 6							X Axis : Lo Li	g	LO
5	C	2 Dec 05, 2024 9:39:38 AM							

# n77(3700~3980 MHz)\_70 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



wep! SA	yzer 1	÷					Ċ,	Frequency	( •
EYSIGHT	Input: RF Coupling, BC Align: Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 5 6 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r IB		Ref Level 4.00		Mkr	1 8.325 04 GHz -63.53 dBm	Sw	0000 GHz rept Span ro Span	
00 5.0 5.0			Y2					full Span	
0							Start Fr 30.000	eq 000 MHz	
	Marth and a Martin on a Minde	af the presence of the later part	e Mani a fair a fair a fair	kan miyan miya miya miya an	apatrayleting and a strange	ahahay ana dan kana ang mang m	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		ITO TUNE	
es BW 1.0 Marker Table Mode	MHz Trace Scale	x	Y	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3	1 f 1 f	8.325 04 GHz 3.908 33 GHz					Freq OI 0 Hz	fset	
4 5 6							X Axis S Lo Lir	g	Lo
5	C 1	P Dec 05, 2024 9:40:43 AM	9			<b>X X</b>		-	

# n77(3700~3980 MHz)\_70 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



Spectrum Analy Swept SA	vzer 1 🔹	+					Q.	Frequency	1 1 3
KEYSIGHT	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate: Off IF Gain: Low Ski Track: Off	#Avg Type: Po Trig: Free Rur	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P		Frequency 00000 GHz	Settings
Spectrum cale/Div 10 d	r IB		Ref Level 4.00	Carl Contract out that I	Mkr	1 9.132 61 GHz -63.54 dBm	Sw	0000 GHz ept Span	
6.0			2					o Span uli Span	
6.0 6.0 6.0							Start Fr 30.000	eq 000 MHz	
6.0 6.0 6.0	winnersteinstein	ormotore to many	lamanan-antoin	watur at partastas	hundrenser	Lauragilargergergergergergergergergergergergerger	Stop Fr 10.000	eq 000000 GHz	
tart 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		TO TUNE	
Res BW 1.0 M Marker Table Mode	MHz Trace Scale	x	Y	Function I	Swee	p ~18.1 ms (1001 pts) Function Value	and the second second	0000 MHz to	
1 N 2 N 3		9.132 61 GHz 3.698 96 GHz					Freq Of 0 Hz	lset	
4 5 6							X Axis S Lo Lir	9	Loc
5	2	Pec 05, 2024 9:41:52 AM	Ð					-	

# n77(3700~3980 MHz)\_80 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



pectrum Anal wep! SA	yzer 1	+					\$	Frequency	* *
	Input: RF Compling, DC Align: Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P P		Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r IB		Ref Level 4.00		Mkr	1 4.955 18 GHz -62.97 dBm	Sw	0000 GHz ept Span ro Span	
60 6.0			2					uli Span	
5.0 i.0 i.0							Start Fr 30.000	eq 000 MHz	
	للعادة والإحرارة والعارية مرابع مروا	<b>น</b> ายใน แล้งหน้าที่เห็นสมาชิติ	Watana	hallingsimalytheseofacting	anguaran anga kada kanga k	oladyses, mythington and	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		TO TUNE	
Res BW 1.0 M Marker Table Mode	MHz Trace Scale		Y	Function	Sweej Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3		4.955 18 GHz 3.798 66 GHz					Freq Of 0 Hz	lset	
4 5 6							X Axis S Lo Lir	9	Lo
5	(" ] ·	2 Dec 05, 2024 9:43:01 AM	$\odot$						

# n77(3700~3980 MHz)\_80 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB





### n77(3700~3980 MHz)\_80 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



Spectrum Analyzer 1 Swept SA	• +					Ö	Frequency	• •
EYSIGHT Input RF Compling to Align Auto	Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Rur	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P		Frequency 00000 GHz	Settings
Spectrum v cale/Div 10 dB		Ref Level 4.00	the strength of the strength of	Mkr	6.002 03 GHz -63.54 dBm	Sw	0000 GHz ept Span to Span	
00 6.0		2					uli Span	
5.0 5.0 5.0			-			Start Fr 30.000	eq 000 MHz	
	- Marking and a start and the	University of the second		hannen annan	and the second states and the second seco	Stop Fr 10.000	eq 000000 GHz	
6.0 art 30 MHz		#Video BW 3.0	MHz		Stop 10.000 GHz		TO TUNE	
Res BW 1.0 MHz Marker Table T Mode Trace Sc		Ý	Function I	Sweep Function Width	718.1 ms (1001 pts) Function Value	and the second second	0000 MHz to	
1 N 1 2 N 1 3	6.002 03 GH 3.698 96 GH					Freq Of 0 Hz	lset	
4 5 6						X Axis S Lo Lir	9	Loo
うて	Pec 05, 2024 9:45:15 AM	Ø					-	

# n77(3700~3980 MHz)\_90 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



Spectrum Anal Swept SA	vzer 1	+					\$	Frequency	y . • 🗧
	Input: RF Coupling, DC Align: Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r IB		Ref Level 4.00	dBm	Mkr	1 9.132 61 GHz -63.27 dBm	Sw	0000 GHz ept Span	
6.0			2					o Span uli Span	
36.0 46.0 56.0						.1	Start Fr 30,000	eq DOO MHz	
6.0 www.ide	the general production	at most an about the second	Horanetranetanian	namonal	Kanglanus kulurangarang	angelenen under ander anderen	Stop Fri 10.000	eq 000000 GHz	
tart 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		TO TUNE	
Res BW 1.0 M Marker Table Mode	Trace Scale		Ý	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value	Conception of the	0000 MHz	
1 N 2 N 3 4	1 r 1 r	9.132 61 GHz 3.798 66 GHz					Freq Of 0 Hz	lset	-
5							X Axis S Lo Lin	3	Loc
5	2	Pi46:24 AM							

## n77(3700~3980 MHz)\_90 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



Spectrum Analy Swept SA	rzer 1	+					Q.	Frequency	
	Input_RF Coupling_DG Align_Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P P		Frequency 00000 GHz	Settings
Spectrum cale/Div 10 d	T B		Ref Level 4.00		Mkr	1 7.487 56 GHz -63.49 dBm	Sw	0000 GHz rept Span	
6.0 6.0			Y2					ro Span Full Span	
i.0 i 0					.1		Start Fr 30.000	eq 000 MHz	
5.0 5.0 5.0 Muladanyar	unan managera	www.unauryhakitanarana	Woundbrowsondart	server and a server a		han balan an a	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	1. 1. 1.	ITO TUNE	
	1Hz Trace Scale	x	Y	Function	Sween Function Width	p ~18.1 ms (1001 pts) Function Value		0000 MHz to	
1 N 2 N 3	1 / 1 /	7.487 56 GHz 3.888 39 GHz					Freq Of 0 Hz	fset	-
4 5 6							X Axis S Lo Lir	g	Los
5		Pec 05, 2024 9:47:28 AM	Ð				-	-	

# n77(3700~3980 MHz)\_90 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB





#### n77(3700~3980 MHz)\_100 M\_Conducted Spurious(30 M-10 G)\_Low\_BPSK\_1RB



	lign Auto	Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Preamp Off	PNO Fast Gate: Off IF Gain: Low Sig Track: Off	Ting: Free Run	wer (RMS 1 2 3 4 5 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
pectrum ale/Div 10 dB			Ref Level 4.00 c		Mkr	1 9.710 87 GHz -64.06 dBm	= Sw	0000 GHz rept Span ro Span	
0			2					full Span	
0							Start Fre 30,000	eq 000 MHz	
0 0 0 Addinationath	mphulphilipin-sar wi	www.www.www.awaana	Horsenwar	uppersonation and a second	orisonly-voyas-shor-		Stop Fre 10.000	eq 000000 GHz	
rt 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz	AU	ITO TUNE	
es BW 1.0 MH larker Table Mode Tr	T Tace Scale	x	Y	Function F	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value	and the second second	0000 MHz to	
1 N 2 N 3	1 r 1 r	9.710 87 GHz 3.788 69 GHz					Freq Off 0 Hz	fset	
4 5 6							X Axis S Log Lin	g	Lo

# n77(3700~3980 MHz)\_100 M\_Conducted Spurious(30 M-10 G)\_Mid\_BPSK\_1RB



wept SA	vzer 1 🔹	+					Q.	Frequency	
EYSIGHT	Input: RF Coupling, DC Align: Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 14 dB Preamp: Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type Po Trig: Free Run	Wer (RMS 1 2 3 4 8 0 M WW WW W P P P P P P	5.0150	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 c	r B		Ref Level 4.00		Mkr	1 9.022 94 GHz -62.42 dBm	Sw	0000 GHz ept Span	
00 6,0 6,0			Y2					o Span ull Span	
6.0 6.0							Start Fr 30,000	eq DOO MHz	
5.0 5.0 5.0	opypeer-laine Malund of	and the state of the	ally romanione	ant and and a second	والمقاصية بمصفحه والمتحاد المادية	when getting and a discharge made	Stop Fr 10.000	eq 000000 GHz	
art 30 MHz			#Video BW 3.0	MHz		Stop 10.000 GHz		TO TUNE	
Res BW 1.0 Marker Table Mode	Trace Scale	x	Y	Function	Sweep Function Width	p ~18.1 ms (1001 pts) Function Value	Contraction of the	0000 MHz	
1 N 2 N 3	1 f 1 f	9.022 94 GHz 3.878 42 GHz					Freq Of 0 Hz	lset	-
5 6							X Axis S Lo Lin		Loc
5	C*	Pec 05, 2024 9:50:51 AM	9						

# n77(3700~3980 MHz)\_100 M\_Conducted Spurious(30 M-10 G)\_High\_BPSK\_1RB



Spectrum Analy Swept SA	zer 1	+					Ċ,	Frequency	1 1 3
	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Skj Track Off	#Avg Type: Po Trig: Free Run	wer (RMS <mark>123430</mark> MWWWWW PPPPP	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	¥ B		Ref Level -20.0		N	1kr1 36.37 GHz -67.83 dBm	Sv	0000 GHz vept Span ro Span	
								Full Span	
i0.0							Start Fr 10.000	eq 000000 GHz	
							Stop Fr 40.000	eq 1000000 GHz	
			and in the	I more a sublim	hared the large	al and the little as the	AL	JTO TUNE	
o.u	ny lakkatikat	thungenic Alabethabianal	ale fill fill a state of the	ylymaturbachar thabail	Burl Roaman III		CF Ste 3.0000	o 00000 GHz	
100							Au Ma		
110							Freq O 0 Hz	lfset	-
tart 10.00 GH Res BW 1.0 M			#Video BW 3.	0 MHz	Sweet	Stop 40.00 GHz p ~54.0 ms (1001 pts)		g	Loc
15		? Dec 05, 2024 9:22:13 AM						7000 111	

## n77(3700~3980 MHz)\_20 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



	Coupling DC	Input Z 50 Ω Corr CCorr	#Atten 0 dB Preamp Off	PNO Fast Gate: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run	the second second second	Frequency	Settings
v	Align Auto	Freq Ref. Int (S) NFE_Adaphive		IF Gain High Sig Track Off	PPPPP	and a state	000000 GHz	
Spectrum cale/Div 10 d	B		Ref Level -20.	00 dBm	Mkr1 35.74 GHz -67.03 dBm	= Sv	0000 GHz rept Span ro Span	
						F	ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
					1	Stop Fr 40.000	eq 000000 GHz	
		Total and a lot of also	and, askinin	IN MANAGER AND A	llav birtarnosti japot naturost ky harten i de	AL	ITO TUNE	
disal Wheels	laybur of the party	<b>林的特别的104</b> 3344943	PANHAMINATI SHI	The lot of the prove	AALCI, CH. 2 5.	CF Ster 3.0000	00000 GHz	
0.0						Au Ma		
110						Freq Of 0 Hz	fset	
art 10.00 GH Res BW 1.0 N			#Video BW 3	0 MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)	X Axis S Lo Lir	g	Loc
15	200	2 Dec 05, 2024 9:23:19 AM						

# n77(3700~3980 MHz)\_20 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



EYSIGHT Input RF Coupling DC Align Auto		#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain High Sig Track Off	Trig: Free Run	wer (RMS 1 2 3 4 5 0 M WW WW V PPPPP	25.000	Frequency 000000 GHz	Settings
Spectrum v ale/Div 10 dB	R	Ref Level -20.00	dBm	N	1kr1 36.43 GH; -67.14 dBn	Sw	0000 GHz rept Span ro Span	
0.0 — — — — — — — — — — — — — — — — — —						F	ull Span	
0.0						Start Fre 10.000	eq 000000 GHz	
0.0					1	Stop Fre 40.000	eq 000000 GHz	
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10						Freq Of 0 Hz	lset	
art 10.00 GHz es BW 1.0 MHz		#Video BW 3.0 I	MHz	Sweet	Stop 40.00 GH c ~54.0 ms (1001 pts		g	Lot

# n77(3700~3980 MHz)\_20 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



pectrum Analy wept SA						¢	Frequency	
EYSIGHT	Input RF Coupling DC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 0 dB Preamp Off	PNO Fast Gate: Off IF Gain High Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 Trig: Free Run M WW WW P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B		Ref Level -20.00		Mkr1 37.84 GH -67.30 dB	Sw	0000 GHz rept Span ro Span	
						-	ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
0.0 0.0						Stop Fr 40.000	eq 000000 GHz	
			a fi se cata Mil	allacatics tables	Uperhybriding provident transitions to	AL	ITO TUNE	
0.0 think Why	dep-lo-fullo-log-pro-	and the second sec	and the second	ruseetinge die <sup>be</sup> ature on .		CF Step 3.0000	o 00000 GHz	
100						Au Ma		
110						Freq Of 0 Hz	Iset	-
art 10.00 GH Res BW 1.0 M			#Video BW 3.0	MHz	Stop 40.00 G Sweep ~54.0 ms (1001 p		g	Loc
5	201	Dec 05, 2024 9:25:29 AM	Ð					

# n77(3700~3980 MHz)\_30 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



wept SA	Lineut DC	Input Z: 50 Q	#Atten 0 dB	PNO Fast	HAVE THE F		¢	Frequency	y <b>1</b> 5
EYSIGHT	Coupling DC Align Auto	Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Preamp Off	Gate: Off IF Gain: High Sig Track: Off	#Avg Type F Trig: Free Ru	Power (RMS 1 2 3 4 5 6 M WW WW W P P P P P P P		Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	iB		Ref Level -20.0			Mkr1 36.67 GHz -67.48 dBm	Sw	0000 GHz ept Span ro Span	
								ull Span	
							Start Fre 10.000	eq 000000 GHz	
							Stop Fre 40.000	eq 000000 GHz	
	~ 111			the work of the second second	trik out hall all all hall	Mayaanada ahaanada		TO TUNE	
0.0 Willeling	half the stand of	the loss of the lo	AN PARAMANA ANA A	Andreas and share and a	. It is a second		CF Step 3.0000	00000 GHz	
100							Aut Ma		
110							Freq Of 0 Hz	lset	
art 10.00 GH Res BW 1.0 M			#Video BW 3.0	MHz	Swee	Stop 40.00 GHz ep ~54.0 ms (1001 pts)	X Axis S Lo Lin	9	Loc
5	200	Pi26:35 AM	0			N X		-	

## n77(3700~3980 MHz)\_30 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



WEPT SA	Input RF	Input Z: 50 Q	#Atten: 0 dB	PNO Fast	#Avg Type: Power (RMS123456	Center	Frequency	
1L 7	Coupling DC Align Auto	Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Preamp Off	Gate: Off IF Gain High Sig Track: Off	Trig: Free Run M www.www.	25.000	000000 GHz	Settings
Spectrum cale/Div 10 d	B	Coll of Branchistory	Ref Level -20.0		Mkr1 37.00 GHz -67.10 dBm	Span 30,000 Sv	0000 GHz rept Span ro Span	
						-	ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
0.0 0.0					1	Stop Fr 40.000	eq 000000 GHz	
		. History	و بارو من ارو	ende have the mathether to	allighturally Munitedualetation		ITO TUNE	
o. With the	ntwasterna the stand	Alter And	Malary Chapter and An	In a station with the second		and the second second	00000 GHz	
100						Au Ma		
110						Freq Of 0 Hz	fset	-
art 10.00 GH les BW 1.0 M			#Video BW 3.	0 MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts		g	Loc
15	200	Dec 05, 2024 9:27:37 AM					7000	

## n77(3700~3980 MHz)\_30 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



wept SA	Input RF	Input Z: 50 Q	#Atten: 0 dB	PNO Fast	#Avg Type	Power (RMS 1 2 8 4 8 6	۵	-	12
	Coupling DC Align Auto	Corr CCorr Freq Ret. Int (S) NFE. Adaptive	Preamp Off	Gate: Off IF Gain High Sig Track Off	Trig: Free R			Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	r IB		Ref Level -20.0			Mkr1 36.19 GHz -66.29 dBm	Sw	0000 GHz ept Span o Span	
								ull Span	
							Start Fre 10.000	eq 000000 GHz	
0.0 0.0						•1	Stop Fre 40.000	eq 000000 GHz	
		1	alter of the second	i. underten Arin later britch	had welling	nderkelmanterstellig, die kommen	1	TO TUNE	
a a here was a second	17 Martin Martin State	Alfahistina haadasada	Indial dent to	monopolication	p			00000 GHz	
100							Aut Ma		
110							Freq Off 0 Hz	lset	-
art 10.00 GH Res BW 1.0 M			#Video BW 3.	0 MHz	Swe	Stop 40.00 GHz ep ~54.0 ms (1001 pts)	X Axis S Log Lin	3	Loc
5	C	2 Dec 05, 2024 9:28:45 AM			ļ				

### n77(3700~3980 MHz)\_40 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



wept SA	Input RE	Input Z: 50 Q	#Atten 0 dB	PNO Fast	#Avg Type: Power (RMS 1 2 3 4 5 6	\$	Frequency	
	Coupling DC Align Auto	Corr CCorr Freq Ref. Int (S) NFE. Adaptive	Preamp Off	Gate: Off IF Gain High Sig Track Off	Trig: Free Run M WW WW W	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B		Ref Level -20.0		Mkr1 38.35 GHz -66.63 dBm	Sw	0000 GHz ept Span ro Span	
							ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
0.0 0.0						Stop Fre 40.000	eq 000000 GHz	
		and sale and	C. La Kall	the other seasting days	equalization and the two tradestructures are	AU	ITO TUNE	
0.0 Milling	al han have	inter and a second s	AND AN ANALANY	diana antarika di wadi a	the state of the second st	CF Step 3.0000	) 00000 GHz	
100						Aut Ma		
110						Freq Of 0 Hz	lset	
art 10.00 GH Res BW 1.0 N			#Video BW 3.0	) MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		g	Loc
15	202	Dec 05, 2024 9:29:52 AM	D				-	

# n77(3700~3980 MHz)\_40 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



wept SA							¢	Frequency	× • 5
	Input RF Coupling DC Align Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten: 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Of	ing: Hee K	Power (RMS <mark>1234) = 6</mark> un М WW WW W Р Р Р Р Р Р Р		Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dl	*	Col and Instances	Ref Level -20.0			Mkr1 36.40 GHz -66.09 dBm	and the second second	0000 GHz	
og	•		Cel Level -20.			-00.00 0.011		ept Span o Span	
							F	ull Span	
0.0							Start Fr 10.000	eq 000000 GHz	
9.0 9.0							Stop Fr 40.000	eq 000000 GHz	
			an antibilities	the Anthe Internet	the sub-share with the	eghen altablica o a alta phe	-	TO TUNE	
and white a	strate and the state	and the state and the solution	and and a start of the	thee from the former of the	a to se shift		CF Step 3.0000	00000 GHz	
0.0							Au Ma		
110							Freq Of 0 Hz	lset	-
art 10.00 GHz Res BW 1.0 M			#Video BW 3.	0 MHz	Swe	Stop 40.00 GHz ep ~54.0 ms (1001 pts)	X Axis S Lo Lin	3	Loc
50		Dec 05, 2024 9:30:55 AM	$\overline{\mathbf{O}}$						

# n77(3700~3980 MHz)\_40 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



pectrum Analy wept SA						٥	Frequency	
	Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run M WW WW W P P P P P P	25.000	Frequency 0000000 GHz	Settings
Spectrum cale/Div 10 d og	r B	a still and frank it can	Ref Level -20.		Mkr1 36.13 GHz -67.01 dBm	Sw	00000 GHz vept Span ro Span	
						F	Full Span	
10.0 50.0						Start Fr 10.000	req 0000000 GHz	
50.0					1	Stop Fr 40.000	eq 0000000 GHz	
	direct la	asha dh		hlevil sintlasis titur	application and the second second of the second of the second second second second second second second second		JTO TUNE	
10.0	lay of the within the	apple and an and an and an	Ashishnanshis	ale it of the existing a second	and the second	CF Step 3.0000	p 000000 GHz	
100						Au Ma		
110						Freq Of 0 Hz	fset	-
tart 10.00 GH Res BW 1.0 M			#Video BW 3	.0 MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		g	Loc
5	200	2 Dec 05, 2024 9:32:03 AM						

## n77(3700~3980 MHz)\_50 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



wept SA	L					¢	Frequency	
EYSIGHT	Input RF Coupling DC Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Power (RMS 1 2 3 4 5 0 Trig: Free Run M WW WW W P P P P P P		Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B		Ref Level -20.0		Mkr1 38.92 GHz -66.69 dBm	Sw	0000 GHz ept Span ro Span	
						F	ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
9.ŭ						Stop Fr 40.000	eq 000000 GHz	
		المتحققة الم	a a a Mila	a semaltilized and a	ng namakan galapat di dan di ding	AU	TO TUNE	
0.0 dys. thally	(AND PARTY AND AND A	idela Marita Maria a Speciality and the second	NN MARTAIN	and the set of the set of sector		and a second second	00000 GHz	
100						Au Ma		
110						Freq Of 0 Hz	lset	-
art 10.00 GH Res BW 1.0 M			#Video BW 3.	0 MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		9	Loc
5	C* - ?	Dec 05, 2024 9:33:11 AM			X - 2 =			

## n77(3700~3980 MHz)\_50 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



wep! SA					<b>\$</b>	Frequency •
EYSIGHT Input F	g DG Corr CCorr	#Atten: 0 dB Preamp: Off	PNO Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 0) Trig: Free Run M WW WW W P P P P P P P	Center Freque 25.0000000	
Spectrum	-			Mkr1 38.35 GHz	Span 30,0000000	GHz
ale/Div 10 dB		Ref Level -20.00	) dBm	-66.95 dBm	Swept S Zero Spa	
0.0					Full Sp	an l
					Start Freq 10.00000000	00 GHz
9.0 9.0					Stop Freq 40.0000000	00 GHz
	a	a this case while	calification of the second	historychowitriplantickichickanilmailee	AUTO T	UNE
" hukantin adata	the and the second s	4969 and a particular of the second	fitter and a second second second	No diana a	CF Step 3.000000000	0 GHz
0.0					Auto Man	
10					Freq Offset 0 Hz	
art 10.00 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		Lot
50	Dec 05, 2024 9:34:14 AM	$\overline{\mathbb{C}}$			7.00	

# n77(3700~3980 MHz)\_50 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



Spectrum Analy Swept SA	zer 1 🔻	÷					Ċ.	Frequency	1 1 5
	Input: RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Power ( Trig: Free Run	RMS 1 2 3 4 5 6 M WW WW W P P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dl	* B		Ref Level -20.(	00 dBm	Mkr1	38.44 GHz -66.60 dBm	Sw	0000 GHz ept Span ro Span	
							F	ull Span	
10.0 50.0							Start Fr 10.000	eq 000000 GHz	
io.u						1 -	Stop Fr 40.000	eq 000000 GHz	
n u	hiliphaquan	radisi Hasan Manakan A	hinnerisetyen	Warkartharth	ultuluwith/lituteuni	eurbattlejjetteptep	CF Step	00000 GHz to	
100							Freq Of 0 Hz	lset	Loca
tart 10.00 GH: Res BW 1.0 M			#Video BW 3.	0 MHz	Sweep ~54	Stop 40.00 GHz .0 ms (1001 pts)	X Axis S Lo Lir	9	LOC
5		? Dec 05, 2024 9:35:22 AM	0						

### n77(3700~3980 MHz)\_60 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



Spectrum Analy Swept SA	zer 1 💡	÷				0	Frequency	* 3
KEYSIGHT	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run M WW WW P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B		Ref Level -20.0		Mkr1 36.19 GH -67.01 dBn	Sv	0000 GHz rept Span ro Span	
							ull Span	
10.0 50.0						Start Fi 10.000	eq 000000 GHz	
					1	and the local division of the local division	eq 000000 GHz	
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NHI WAR	abalih managan	aption of the particular of th	UUNA HARINA ALEMA	team erê ter altara i		CF Ste 3.0000	) 00000 GHz	
100						Au Ma		
110						Freq O 0 Hz	lset	
tart 10.00 GH Res BW 1.0 M			#Video BW 3.0	MHz	Stop 40.00 GH Sweep ~54.0 ms (1001 pts		g	Loca
15		P Dec 05, 2024 9:36:29 AM	Ð					

# n77(3700~3980 MHz)\_60 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



Spectrum Analy Swept SA	zer 1 🕴	+					Q	Frequency	
EYSIGHT	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: F Trig: Free Ru	ower (RMS 1 2 3 4 5 6 n M WW WW W P P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dl	B	Col and Image Proce	Ref Level -20.(			Mkr1 38.41 GHz -66.96 dBm	Sw	0000 GHz rept Span ro Span	
					-		-	ull Span	
0.0							Start Fr 10.000	eq 000000 GHz	
0.0 0.0							Stop Fr 40.000	eq 000000 GHz	
				Authlian Anthrophys	h underhalder	alleger and the second	AL	ITO TUNE	
o.o	ion prevention	Astronom the second second	n han han han han han han han han han ha	transchilestotzhildt van t	di Julian Ilorandi	ajland Moherent Moheren	CF Ster 3.0000	) 00000 GHz	
100							Au Ma		
110							Freq Of 0 Hz	fset	-
art 10.00 GH; Res BW 1.0 M			#Video BW 3.	0 MHz	Swee	Stop 40.00 GHz p ~54.0 ms (1001 pts)	X Axis S Lo Lir	g	Loo
5		? Dec 05, 2024 9:37:31 AM						1000 	

# n77(3700~3980 MHz)\_60 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



Spectrum Analyz Swept SA	zer 1 🕴	÷					Ç,	Frequency	
	Input RF Coupling DC Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten: 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Power Trig: Free Run	(RMS 1 2 3 4 5 0 M WW WW W P P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dE	3		Ref Level -20.0		Mkr	1 36.70 GHz -66.57 dBm	Sw	0000 GHz rept Span ro Span	
							F	ull Span	
10.0 50.0							Start Fr 10.000	eq 000000 GHz	
50.0						1	Stop Fr 40.000	eq 000000 GHz	
			แล้วสารเทศสาริสินส	distant di Arradia di	arthographypolytopianilypol	plantinum same	-	ITO TUNE	
10.0	inter a state of the second seco	is the second	AND A More Links	Show and the Australian and	all de la constant		CF Step 3.0000	) 00000 GHz	
100							Au Ma		
110							Freq Of 0 Hz	lset	-
tart 10.00 GHz Res BW 1.0 M			#Video BW 3.	0 MHz	Sweep ~5	Stop 40.00 GHz 4.0 ms (1001 pts)	X Axis S Lo Lir	g	Loc
150		Dec 05, 2024 9:38:42 AM							

## n77(3700~3980 MHz)\_70 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



	Input RF Coupling DG Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run MWWWWW P P P P P P P	Center Fre 25.00000	equency 0000 GHz	Settings
Spectrum cale/Div 10 dl	3		Ref Level -20.00		Mkr1 36.61 GHz -67.41 dBm	Swep	00 GHz It Span Span	
							Span	
						Start Freq 10.00000	0000 GHz	
						Stop Freq 40.00000	0000 GHz	
			and the state	اه العندية ورود المعار	A thats are should prove the sould be have been	AUTO	DTUNE	
10.0 While and	ent philipping	tan water water	April - Physical Phys	Manufacture and the state of the second	Madacapertrally rates white and the provident	CF Step 3.000000	000 GHz	
100						Auto Man		
110						Freq Offse 0 Hz	et	
tart 10.00 GH; Res BW 1.0 M			#Video BW 3.0	MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		ale	Loc
150		Dec 05, 2024 9:39:50 AM	Ð				-	

# n77(3700~3980 MHz)\_70 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



pectrum Analyzer 1 wept SA					ø	Frequency	
L Align Aut	DG Corr CCorr	#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain High Sig Track Off	#Avg Type: Power (RMS 123450) Trig: Free Run MWWWWW PPPPPP	25.000	Frequency 000000 GHz	Settings
Spectrum v cale/Div 10 dB		Ref Level -20.00		Mkr1 36.43 GHz -66.02 dBm	Sw	0000 GHz rept Span ro Span	
					F	ull Span	
io.o					Start Fr 10.000	eq 000000 GHz	
0.0				f	Stop Fr 40.000	eq 000000 GHz	
	ti latita	A section fluid at	elMenta Krastawallad	untrational dischargential second		ITO TUNE	
and the product of the	Adda With Manual and Manual and Manual And	Rolling Hilling and Alex	the brackster o		CF Ster 3.0000	00000 GHz	
0.0					Au Ma		
110					Freq Of 0 Hz	fset	-
tart 10.00 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)	X Axis S Lo Lir	g	Loc
500	2 Dec 05, 2024 9:40:55 AM	Ø					

## n77(3700~3980 MHz)\_70 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



Spectrum Analy Swept SA	zer 1 😽	÷					0	Frequency	* * 5
	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Powe Trig: Free Run	er (RMS <mark>123450</mark> M WW WW W P P P P P P P		Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dl	r B		Ref Level -20.		Mk	r1 35.80 GHz -67.03 dBm	Sw	0000 GHz rept Span ro Span	
							F	ull Span	
10.0 50.0							Start Fr 10.000	eq 000000 GHz	
i0.0						<b>A</b> 1	Stop Fr 40.000	eq 000000 GHz	
		under an		and ratio with the water	Une scholden martister M	ya dialayo ya da an	-	ITO TUNE	
10.0 Haddin Hard N	har any stilling in	rumper and the second	AND	And Alfan and a dealer of the a sec	and found and in the		CF Ster 3.0000	) 00000 GHz	
100							Au Ma		
110							Freq Of 0 Hz	lset	
tart 10.00 GH; Res BW 1.0 M			#Video BW 3	.0 MHz	Sweep ~	Stop 40.00 GHz -54.0 ms (1001 pts)		g	Loca
50		Pec 05, 2024 9:42:04 AM							

## n77(3700~3980 MHz)\_80 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



pectrum Analy. wept SA		÷				Ö	Frequency	• •
	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate Off IF Gain High Sig Track Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run M WW WW W P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum ale/Div 10 dl	3	Col and Dealer Prices	Ref Level -20.0		Mkr1 39.76 GHz -67.08 dBm	Sw	0000 GHz rept Span ro Span	
						F	ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
						Stop Fr 40.000	eq 000000 GHz	
				n bhi Thria an	Later the second state of a filled by the state of the st	AL	TO TUNE	
a u	uppl/Vithenhami	ndra obranik shorta dala	(-landiking-alia)	Ledenne (Springer)	inderhormandice with a line of the analysis of the second second second second second second second second second	CF Step 3.0000 Au Ma	00000 GHz to	
100						Freq Of 0 Hz	lset	-
art 10.00 GH; Res BW 1.0 M			#Video BW 3.	0 MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		g	Lo
150		? Dec 05, 2024 9:43:13 AM					500 	

## n77(3700~3980 MHz)\_80 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



Spectrum Analy Swept SA		+		-			¢	Frequency	× • 5
EYSIGHT	Input RF Coupling DC Align Auto	Input Z 50 Q Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type Power (RM Trig: Free Run	AS 1 2 3 4 5 0 M WW WW W P P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B	CHE N. TRADER ON	Ref Level -20.0			38.47 GHz 66.78 dBm	Sw	0000 GHz vept Span ro Span	
							F	Full Span	
0.0							Start Fr 10.000	eq 000000 GHz	
						<u>1</u>	Stop Fr 40.000	eq 000000 GHz	
			والملافات المرا	salahan likharasistan	all particular and an	utranght plane		JTO TUNE	
NIMMAN .	ANA ANA CANADA	limenti atra timavia	Asir <del>onta a</del> kata	not all estimate ref.	- Charles and a		CF Step 3.0000	0 00000 GHz	
							Au Ma		
110						_	Freq OI 0 Hz	fset	-
tart 10.00 GH Res BW 1.0 M			#Video BW 3.0	MHz		top 40.00 GHz ms (1001 pts)	X Axis S Lo Lir	g	Loc
5		Dec 05, 2024 9:44:18 AM	Ð						

# n77(3700~3980 MHz)\_80 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



wept SA	liseut DE	Input Z: 50 Q	#Atten: 0 dB	PNO Fast	HAun Tumo: Dawar /DMS	¢	Frequency	
EYSIGHT	Coupling DC Align Auto	Corr CCorr Freq Ref. Int (S)	Preamp Off	Gate: Off IF Gain High Sig Track Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run M WW WW W P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B		Ref Level -20.0	0 dBm	Mkr1 36.58 GHz -65.76 dBm	Sw	0000 GHz rept Span ro Span	
						F	ull Span	
0.0						Start Fr 10.000	eq 000000 GHz	
						Stop Fr 40.000	eq 000000 GHz	
	1		illas minina	within the manufalt	adalardeharad halannaraldehared kanga	AL	ITO TUNE	
ALC ALLAN	ylymiatraninky.	(m-likely mathematic mathematics	Mailles, M. <del>and</del> Judial	an this for the first of a	ngng 10- 1	CF Step 3.0000	) 00000 GHz	
100						Au Ma		
110						Freq Of 0 Hz	lset	-
art 10.00 GH Res BW 1.0 M			#Video BW 3.0	MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)	X Axis S Lo Lir	g	Loc
5	2	Dec 05, 2024 9:45:27 AM	Ð					

# n77(3700~3980 MHz)\_90 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



Spectrum Analy Swept SA	zer 1	÷					¢	Frequency	* 12
	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type: Powe Trig: Free Run	к (RMS <mark>123450</mark> М WW WW W Р Р Р Р Р Р Р	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 d	B	Call of Page Proce	Ref Level -20.0		Mk	r1 35.29 GHz -67.76 dBm	Sw	0000 GHz ept Span ro Span	
								ull Span	
0.0							Start Fr 10.000	eq 000000 GHz	
i0.0						41	Stop Fr 40.000	eq 000000 GHz	
0.0	a la mais al a	wate	ut all when the public	heard Angle Ang	ristopharation	funna seifenaraan	AL CF Step	TO TUNE	
and a share	地中和利用的	ALARA HE SUMMA PILLY	and the second states				and the second second	00000 GHz	
100							Au Ma		
110							Freq Of 0 Hz	lset	-
tart 10.00 GH Res BW 1.0 M			#Video BW 3.0	MHz	Sweep ~	Stop 40.00 GHz 54.0 ms (1001 pts)	X Axis S Lo Lir	9	Loc
15		Pec 05, 2024 9:46:36 AM							

# n77(3700~3980 MHz)\_90 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



pectrum Analyzer 1 wep! SA	+				Ċ.	Frequency	• •
	ng DC Corr CCorr	#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type: Power (RMS 1 2 8 4 5 0 Trig: Free Run M WW WW W P P P P P P	25.000	Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dB		Ref Level -20.00		Mkr1 37.00 GHz -66.50 dBm	Sw	0000 GHz ept Span ro Span	
					F	ull Span	
0.0					Start Fr 10.000	eq 000000 GHz	
0.0 0.0				1	Stop Fr 40.000	eq 000000 GHz	
		da ana	Andreak to served	the property with the providence of the second second	AL	TO TUNE	
o.o walandahanala	ay in the second s	nly fallen hennen an der	sá t. sztaránikovanit a s	adat dans a la	CF Step 3.0000	) 00000 GHz	
0.0					Au Ma		
10					Freq Of 0 Hz	lset	-
art 10.00 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		g	Loc
50	Dec 05, 2024 9:47:40 AM	$\odot$				200	

# n77(3700~3980 MHz)\_90 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



Spectrum Analy. Swept SA	zer 1	÷	-	the states	and the second		Ö	Frequency	1 .
	Input RF Coupling DC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 0 dB Preamp Off	PNO Fast Gate: Off IF Gain: High Sig Track: Off		123450 WWWWWW PPPPPP		Frequency 000000 GHz	Settings
Spectrum cale/Div 10 dl	3		Ref Level -20.0		Mkr1 37		Sw	0000 GHz rept Span ro Span	
							F	ull Span	
i0.0							Start Fr 10.000	eq 000000 GHz	
						<u>1</u>	Stop Fr 40.000	eq 000000 GHz	
		a sa i destrat		white the advant free	hadred a ladden vir and the algorithed	htaitakann		ITO TUNE	
0.0 State 19. Alt	aller all all all all all all all all all al	此,利益物种物的介绍	ANA MARIA CARA	territikil preddit usere.			CF Ster 3.0000	00000 GHz	
100							Au Ma		
110							Freq Of 0 Hz	lset	-
tart 10.00 GH; Res BW 1.0 M			#Video BW 3.0	) MHz	Stop Sweep ~54.0 ms	0 40.00 GHz 5 (1001 pts)	X Axis S Lo Lir	g	Loc
50		Dec 05, 2024 9:48:50 AM	0						

# n77(3700~3980 MHz)\_100 M\_Conducted Spurious(Above10 G)\_Low\_BPSK\_1RB



Wept SA	RF Input Z: 50 Ω N DC Corr CCorr	#Atten 0 dB Preamp Off	PNO Fast Gate: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run	and the second se	Frequency	Settings
L Align A			IF Gain High Sig Track Off	PPPPP	and the local division of the local division	000000 GHz	
Spectrum cale/Div 10 dB og	•	Ref Level -20.00	) dBm	Mkr1 38.38 GHz -66.23 dBm	Sw	0000 GHz rept Span ro Span	
					F	uli Span	
0.0					Start Fr 10.000	eq 000000 GHz	
					Stop Fr 40.000	eq 000000 GHz	
	i karabara		Internet sheathalater	hogioniante la segundrativata data a		ITO TUNE	
0.0 Milententing	har bur the states of the stat	ANN ANA PARTIAL	second c Antificencia co		CF Ster 3.0000	00000 GHz	
00					Au Ma		
110					Freq OI 0 Hz	fset	
art 10.00 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz	Stop 40.00 GH2 Sweep ~54.0 ms (1001 pts		g	Loc
150	Dec 05, 2024 9:49:59 AM	$\odot$					

# n77(3700~3980 MHz)\_100 M\_Conducted Spurious(Above10 G)\_Mid\_BPSK\_1RB



	nput RF Coupling DG Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 0 dB Preamp Off	PNO Fast Gate: Off IF Gain High	#Avg Type: Power (RMS 1 2 3 4 5 0 Trig: Free Run M WW WW W		Frequency 000000 GHz	Settings
o Spectrum cale/Div 10 dE	*	NFE Adaptive	Ref Level -20.00	Sig Track Off	реререр Mkr1 36.85 GHz -67.71 dBm	Sw	0000 GHz ept Span o Span	
							ull Span	
40.0 50.0						Start Fr 10.000	eq 000000 GHz	
50.0 50.0						Stop Fre 40.000	eq 000000 GHz	
				od Mideata matalikka	a mandaning transfer the first and the man	AU	TO TUNE	
NO O	h h h h h h h h h h h h h h h h h h h	for the mathematic	North Harrison and the second s	n)est netalignet of the solution of the soluti	il an ideal and in the second seco	CF Step 3.0000	00000 GHz	
100						Aut Ma		
110						Freq Of 0 Hz	lset	-
tart 10.00 GHz Res BW 1.0 MI			#Video BW 3.0	MHz	Stop 40.00 GHz Sweep ~54.0 ms (1001 pts)		3	LO
150	3 7 ?	Dec 05, 2024 9:51:03 AM	0					

## n77(3700~3980 MHz)\_100 M\_Conducted Spurious(Above10 G)\_High\_BPSK\_1RB



Spectrum Analy Swept SA KEYSIGHT		H Input Z: 50 Ω Corr CCorr	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off	#Avg Type: Pr Trig: Free Ru	ower (RMS <mark>1 2 3 4 5 1</mark>	Meas Se Avg Hold Number	stup •
RL ++- DO 1 Spectrum	Align Auto	Freq Ref. Int (S) NFE Adaptive	Ref Lvi Offset 36.	IF Gain Low Sig Track Off	Mkr1	3.699 116 GHz	Avg Type	Límits
cale/Div 10 d	В		Ref Level 36.52 d			-25.005 dBm	Auto Man	Meas Standard
26.5							K Meas Setup Summary Table	Legacy Compat
16.5						RMS	Auto Couple	Advanced
3 48				1		RMS	Meas Preset	Global
13.5				and the second second		DL1-13 00 dBm		
23.5	N.	1	i in the second seco	TANKING				
33.5	Manager Banager Banager			(III) (Areas				
43.5								
								Loca
enter 3.70000 Res BW 360 P			#Video BW 1.2	MHz	#Swi	Span 4.000 MH; eep ~1.01 s (1001 pts		
5		? Nov 06, 2024 10:42:15 AM	Ø					

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(1)



	put RF pupling DG ign Auto	Input Z 50 Ω Gorr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	Gate ( IF Gair	Dff	#Avg Type: F Trig: Free RL	ower (RMS in	<b>1 2 3 4 5 5</b> AWWWWW AAAAAA	20	d Number	Settings
Spectrum cale/Div 10 dB og	*		Ref LvI Offset Ref Level 36.5	36.52 dB		Mkr		992 GHz 961 dBm	Avg Typ Power ( Aut Mai	(RMS)	Limits Meas Standard
6.5									/ Me	as Setup mary Table	Legacy Compat
16,5						und a charactering the			Au	lo Couple	Advanced
,52									Me	as Preset	Global
13.5					Willing		WHY WHY	QL1-13.00 dBm			
23.5				1 NorthHERING	WWYON.		auth	HANNING THE REAL PROPERTY OF THE REAL PROPERTY			
13.5			- NUTRAL WIND								
13.5 <sub>53.6</sub> Normany data	NoROMOTION (NORM	anananianintanintaninta	ethan								
3.5 montanipunta	ullet a start										Loca
enter 3.700000 Res BW 30 kHz	GHz		#Video BW 1	00 kHz		#Sw		an 4.000 MHz s (1001 pts)			

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(1)



Spectrum Analyzer 1 Swept SA	• +						¢	Meas Set	ap 🔻 👬
RL + Align Auto	G Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Tng: Free Run		12345 AWWWWW AAAAAA	Avg Ho 20	ld Number	Settings
Spectrum V Scale/Div 10 dB		Ref LvI Offset 36 Ref Level 36.52 d	.52 dB	Mkr1	3.698	592 GHz 570 dBm	Avg Typ Power Au Ma	(RMS) to	Límits Meas Standard
26 5							Z M	as Sétup mary Table	Legacy Compat
16.5							A	ito Couple	Advanced
5,52							M	as Preset	Global
3.48						0£1-13.00 dBm			
23.5					- MA	1 0MB			
33 5 <mark>100000000000000000000000000000000000</mark>	and the second	www.	Williamontermone		www.www.www.				
									-
tart 3.695000 GHz Res BW 510 kHz		#Video BW 2.0	MHz	#Swe		.699000 GHz s (1001 pts)			Loca
50	? Nov 06, 2024 10:42:48 AM				1.0				

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(2)



KEYSIGHT Input. RF Coupling, DC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low	#Avg Type: Po Tng: Free Run	A WW WW W	Avg Hold Number 20	Settings
x7 I Spectrum ▼ Scale/Div 10 dB		Ref LvI Offset 36.5 Ref Level 36.52 dE		Mkr1	A A A A A A 3.698 992 GHz -33.357 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26 5						Meas Setup Summary Table	Legacy Compat
16.5						Auto Couple	Advanced
i,52						Meas Preset	Global
13.0							
					"1		
13.5 10.5 10.5				an a	nyan mananan mananan manan		
13.6							Loca
tart 3.695000 GHz Res BW 510 kHz		#Video BW 2.0 N	IHz	#Swe	Stop 3.699000 GHz ep ~1.01 s (1001 pts)		Loca
5072	Nov 06, 2024 10:44:31 AM	9			N X		

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(2)



EYSIGHT Input RF Coupling BC Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO:Fast Gate:Off IF Gain:Low Sig Track:Off	#Avg Type: P Trig: Free Ru	ower (RMS <mark>1</mark> 234 n A WWW A A A A A	20 A A	lold Number	Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 36. Ref Level 36.52 d		Mkr1	3.692 855 G -27.362 df	3m ,	ype er (RMS) Auto Man	Limits Meas Standard
6.5						\s	Meas Sétup ummary Table	Legacy Compat
52							Auto Couple Meas Préset	Global
3.5					E)£i -13.00	dBm		
3.5					لايلتن.			
3.5					and by the the orthogon			
				_ac <sub>fo</sub> que en antidad de la califi	A4+*			Loca
tart 3.50000 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz	#SV	Stop 3.69500 weep 1.00 s (1001			

## n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_FullRB(3)



		+ Input 2:50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Trig: Free Run	wer (RMS <mark>12345)</mark> A WWWWW A A A A A A	Meas Se Avg Hold Number 20	Settings
Spectrum icale/Div 10 dl	3	and the prosterior of	Ref LvI Offset 36 Ref Level 36.52 d	.52 dB	Mkr1	3.683 105 GHz -33.707 dBm	Avg Type Power (RMS) Auto Man	Meas Standard
26 5							K Meas Setup Summary Table	Legacy Compat
16.5							Auto Couple	Advanced
5,52							Meas Preset	Global
13.5						ÐL1 -13 00 d⊟m		
23.5						1.84€		
43.5						A Au		
53.6						Lawy		
tart 3.50000 G Res BW 1.0 M			#Video BW 3.0	MHz	#Sw	Stop 3.69500 GHz eep 1.00 s (1001 pts)		Loca
50		Nov 06, 2024 10:45:03 AM	0			N X		

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_Low\_BPSK\_1RB(3)



Spectrum Analyzer 1 Swept SA KEYSIGHT Input. RF RL Align Auto	H Input 2: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 14 dB Preamp: Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Tng: Free Run	wer (RMS12345 AWWWWW AAAAAA	Meas Séte Avg Hold Number 20	up Settings
1 Spectrum v Scale/Div 10 dB		Ref LvI Offset 36. Ref Level 36.52 d	52 dB	Mkr	1 3.980 00 GHz -30.931 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5						K Meas Setup Summary Table	Legacy Compat
16.5						Auto Couple	Advanced
6.52 <b>4/10/00/00/00/00/00/00/00/00/00/00/00/00/</b>	GAMANNAN GALANNAN AN A	And a state of the			i)L1 - 13.00 dBm	Meas Preset	Global
23.5		A strangent	101101/001111/000000000000000000000000		RMS		
				en sananan da	ANS NATIONNALIONNALION		
53.6							
enter 3.980000 GHz Res BW 360 kHz		#Video BW 1.2	MHz	#Swe	Span 10.00 MHz ep ~1.01 s (1001 pts)		Loca
1501	? Nov 06, 2024 10:50:51 AM	0					

#### n77(3700~3980 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		ff Gate IF Gai	Best Wide Off in: Low ack: Off	#Avg Type: F Trig: Free Ru	m 7	2345 WWWWWW	20	l Number	Settings
Spectrum cale/Div 10 dl	*		Ref Lvi Offs Ref Level 36	et 36.52 dB		Mki		02 GHz 18 dBm	Avg Type Power ( Auto Mar	RMS)	Limits Meas Standard
65										as Setup mary Table	Legacy Compat
6,5			NM						Aut	o Couple	Advanced
,52									Mes	as Preset	Global
3.48							E	Li -13.00 dBm			
3.5		a for		<b>1</b>							
		1		1							
13.5 13.6	hand	med		Just -	international to the second	be fatiliteriderideride	withman	RMS			
enter 3.98000 Res BW 30 kH			#Video BV				Span	10.00 MHz (1001 pts)			Loca

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(1)



Spectrum Analy Swept SA KEYSIGHT R L		+ Input Z: 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten: 14 dB Preamp: Off	PNO Best Wide Gate: Off IF Gain: Low	#Avg Type: Po Tng: Free Rur	AWWWWW	Avg Hold Number 20	Settings
vo Spectrum Scale/Div 10 d	B		Ref Lvi Offset 36 Ref Level 36.52 d		Mkr1	3.981 360 GHz -29.991 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5							K Meas Setup Summary Table	Legacy Compat
16.5							Auto Couple	Advanced
5.52							Meas Preset	Global
13.5						iğLi-13.00 d⊟m		
23.5 13.5 <b>- 4444 (144 (14</b>	1	-				คมะ กระการการสารการการการการการการการการการการการการกา		
13.5				10.0101010100000000	an the firm of the firm of the first of the	1101010101010101010101010101010101010101		
								Loca
tart 3.981000 Res BW 510 k			#Video BW 2.0	MHz	#Swe	Stop 3.985000 GHz ep ~1.01 s (1001 pts)		
5		Nov 06, 2024 10:51:24 AM	9					

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(2)



L + Coupling DG Corr C Align Auto Freq	Z 50 Ω #Atten: 14 dB CCorr Preamp: Off Ref. Int (S) Adaptive	PNO Best Wide #Avg Type Gate: Off Ting: Free IF Gain: Low Sig Track: Off	2: Power (RMS12345 Run AWWWW AAAAAA	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB	Ref Lvi Offset 36 Ref Level 36.52	52 dB Mk	r1 3.981 092 GHz -31.263 dBm	Fower (Rive)	Limits Meas Standard
65				K Meas Setup Summary Table	Legacy Compat
.52				Auto Couple Meas Preset	Advanced Global
3.5			EjLi -13.00 dBm		
13 5					
<ul> <li><sup>3 5</sup> modurus and mission of patheodore in the patheo</li></ul>	ummunutkunitertierendistaansiahet	artyretisalise localised and an antiparticipart and a suga	randomonani damaning minananan การการการการการการการการการการการการการก		
art 3.981000 GHz Res BW 510 kHz	#Video BW 2.0		Stop 3.985000 GHz Sweep ~1.01 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(2)



Spectrum Analy Swept SA KEYSIGHT RL		H Input Z: 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten 14 dB Preamp Off	PNO Fast Gate: Off IF Gain: Low	#Avg Type: P Trig: Free Ru	AWWWW	20	Meas Setu	up •
va Spectrum Scale/Div 10 d	B	NFE: Adaptive	Ref LvI Offset 36 Ref Level 36.52 (		Mkr	1 3.985 23 GH -30.470 dBn	Avg Typ Power (	RMS)	Limits Meas Standard
26.5								as Sétup mary Table	Legacy Compat
16.5							Aut	o Couple	Advanced
5,52							Me	as Preset	Global
13.5						E)L1-13.00 dBn			
13 5 1									
13 5 41999999999	and AMMANNAN CON	William William Berger	รามประกับประกับสายเสียงสายเหตุ	antantinanna anna an	an the the second states of	RMS			
						and the second second weeks			-
tart 3.98500 0 Res BW 1.0 N			#Video BW 3.0	MHz	#5	Stop 4.10000 GH weep 1.00 s (1001 pts			Loca
5		? Nov 06, 2024 10:51:57 AM	Ø						

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_FullRB(3)



		ten 14 dB PNO Fas amp Off Gate Off IFGain I Sig Track	Tha Free Run A WWWW	20	Settings
Spectrum v cale/Div 10 dB	Ref L	vi Offset 36.52 dB avel 36.52 dBm	Mkr1 3.985 23 GF -39.611 dB	Avg Type Power (RMS)	Limits Meas Standard
26.5				Meas Setup Summary Table	Legacy Compat
16,5				Auto Couple	Advanced
5.52				Meas Preset	Global
3 48			E)L1-13.00 dB	m	
135 135 1					
13.5 MT*W					Loca
tart 3.98500 GHz Res BW 1.0 MHz	#Vic	ieo BW 3.0 MHz	Stop 4.10000 G #Sweep 1.00 s (1001 p		

#### n77(3700~3980 MHz)\_20 M\_Band Edge\_High\_BPSK\_1RB(3)



Spectrum Analyzer 1 Swept SA	+ Input Ζ: 50 Ω	#Atten: 14 dB	PNO: Best Wide	di Assa Tomas P		٥	Meas Set	ib i 🚽
KEYSIGHT Input RF Coupling DG Align Auto	Corr CCorr Freq Ref. Int (S)	#Atten: 14 0B Preamp: Off	Gate: Off IF Gain: Low	#Avg Type: P Trig: Free Ru	rower (RMS 1 2 3 4 5 6 in A WWWWW A A A A A A		d Number	Settings
V Spectrum V cale/Div 10 dB		Ref LvI Offset 36.5 Ref Level 36.52 dB		Mkr1	3.698 288 GHz -25.157 dBm		RMS) 0	Limits Meas Standard
6.5						/ Me	as Setup mary Table	Legacy Compat
6.5					RMS	Aut	o Couple	Advanced
48						Me	as Preset	Global
13.5					1944444909897			
29.5 1 13.5								
53.5 enter 3.700000 GHz Res BW 360 kHz		#Video BW 1.2 M	IHz	#Sw	Span 4.000 MHz eep ~1.01 s (1001 pts			Loca
50	? Nov 06, 2024 11:00:58 AM	9						

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(1)



EYSIGHT	Input RF Coupling DG Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE. Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Powe Trig: Free Run	T (RMS 1 2 3 4 5 A WWWWW A A A A A A A	Avg Hold Number 20	Settings
Spectrum cale/Div 10 d	r B		Ref LvI Offset 36. Ref Level 36.52 d		Mkr1 3	.699 988 GHz -30.084 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
6.5							Meas Setup Summary Table	Legacy Compat
6.5					wanther		Auto Couple	Advanced
.52							Meas Preset	Global
13.5					1	DLI-13.00 delen		
3.5				and the second second		and the second second		
		لاستينان وسالانتقاد الطويسان	/					
13.6 mm	nam talan dering der anges ber	and a stand of the						Loca
enter 3.7000 Res BW 30 kl			#Video BW 100	kHz	#Sweep	Span 4.000 MHz ~1.01 s (1001 pts)		LOCA

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(1)



L Coupling DG Co Align Auto Fre	out Z'50 Ω #Atten: 14 dB wr CCorr Preamp: Off aq Ref. Int (S) E Adaptive	PNO Best Wide #Avg Typ Gate: Off Trig: Free IF Gain: Low Sig Track: Off	e Run A WWWWW	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB	Ref Lvi Offset 3 Ref Level 36.52	36.52 dB M	kr1 3.698 812 GHz -24.056 dBm		Limits Meas Standard
6.5				K Meas Setup Summary Table	Legacy Compat
6.5				Auto Couple	Advanced
.52				Meas Preset	Global
48			E)L1 -13.00 dBm		
3.5			1.IS		
3.5	alan ang ang ang ang ang ang ang ang ang a				
art 3.695000 GHz Res BW 510 kHz	#Video BW 2.		Stop 3.699000 GHz #Sweep ~1.01 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(2)



L Coupling DG Align Auto	Input Z:50 Q. #Atten: 14 dB Corr CCorr Preamp: Off Freq Ref. Int (S) NFE: Adaptive	PNO Best Wide #Avg Type Gate Off Trig Free R IF Gain Low Sig Track Off	Power (RMS12345 Lun A WW WW W A A A A A A	Avg Hold Number 20	Settings
7 Spectrum Y cale/Div 10 dB	Ref Lvi Offset 36 Ref Level 36.52	.52 dB Mkr	1 3.699 000 GHz -36.132 dBm	Avg Type Power (RMS) Auto Man	Límits Meas Standard
6.5				Meas Setup Summary Table	Legacy Compat
6.5				Auto Couple	Advanced
52				Meas Preset	Global
3.5			i)Li-13.00 dBm		
13.5			1		
3.5 <b>(1004) (1004) (1004) (1004) (1004)</b> 3.6		un and an and an and an and an	<u>alanannannannannannannannannan</u>		
tart 3.695000 GHz Res BW 510 kHz	#Video BW 2.0		Stop 3.699000 GHz weep ~1.01 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(2)



L Align Auto	Input Z 50 Ω Gorr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate Off IF Gain Low Sig Track Off	#Avg Type: F Tng: Free Ru	Power (RMS12345 A WW WW W A A A A A A	20	Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 36. Ref Level 36.52 d		Mkr	3.694 220 GHz -28.593 dBm		Limits Meas Standard
6.5						Meas Setup Summary Table Auto Couple	Legacy Compat Advanced
5,52					ĐL1-13 00 dĐm	Meas Preset	Global
3.5					R R		
3.5			mannen (Sadamaratasa)	trabellin Mille	hand a state of the state of th		
tart 3.50000 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz	#5	Stop 3.69500 GHz weep 1.00 s (1001 pts)		Loca

## n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_FullRB(3)



Spectrum Analy Swept SA		+					¢	Meas Setu	n v St
KEYSIGHT	Input RF Coupling DC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Tng: Free Run	ower (RMS 1 2 3 4 5 A WW WW V A A A A A A	20	ld Number	Settings
Spectrum cale/Div 10 d	¥ B		Ref LvI Offset 36 Ref Level 36.52 d		Mkr1	3.672 965 GH -34.545 dBn	i formen	(RMS)	Limits Meas Standard
26.5								eas Setup nmary Table	Legacy Compat
16.5							A	uto Couple	Advanced
5,52							M	eas Preset	Global
13.5						E)L1 -13.00 dBn			
23.5						A1			
43.5						İME			
53.6						lanendlaw			-
tart 3.50000 ( Res BW 1.0 N			#Video BW 3.0	MHz	#Sv	Stop 3.69500 GH veep 1.00 s (1001 pts			Loca
15	2	Nov 06, 2024 11:03:45 AM	9						

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_Low\_BPSK\_1RB(3)



Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF RL +		eamp Off G	NO Best Wide ate: Off Gain: Low	#Avg Type: Po Tng: Free Run	wer (RMS <mark>12345</mark> A WW WW W	Avg Hold Number	up V
Do 1 Spectrum v Scale/Div 10 dB Log	NFE Adaptive	Si Lvi Offset 36.52 d Level 36.52 dBm	g Track. Off	Mkr	AAAAAA 1 3.980 01 GHz -34.397 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5						K Meas Setup Summary Table	Legacy Compat
16,5						Auto Couple	Advanced
5.52 Manual Manual Manual Manual	NY NAVANA NA					Meas Preset	Global
13.5	NY NY				i)L1 -13.00 dBm		
23.5	Managana		(investments and investments of the	Waliotani wa wa wa wa wa wa wa wa wa wa wa wa wa	Reis		
13.5							
enter 3.980000 GHz Res BW 360 kHz	#Vi	ideo BW 1.2 MHz		#Swe	Span 10.00 MHz ep ~1.01 s (1001 pts)		Loca
	? Nov 06, 2024	(-					

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(1)



L Align Auto	Input Z 50 Ω Corr CCorr Freq Ret Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 5 4 A WW WW W A A A A A A A	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 36. Ref Level 36.52 d	52 dB	Mkr1	3.980 01 GHz -31.825 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
6.5						Meas Setup Summary Table	Legacy Compat
6.5	ſ	May				Auto Couple	Advanced
5.52						Meas Preset	Global
3.48	and a	A A A A A A A A A A A A A A A A A A A			jj)⊥i -13.00 dBm		
3.5	1	1					
3.6	mad	1	the many a				
53.6 Manune and			Myhard M	and a grant managements	Minuturus (IMMacusethal Span 10.00 MHz		Loca
enter 3.980000 GHz Res BW 30 kHz		#Video BW 100	kHz	#Swe	Span 10.00 MHz ep ~1.01 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(1)



Spectrum Analy Swept SA KEYSIGHT		+ Input Z: 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten: 14 dB Preamp: Off	PNO Best Wide Gate: Off IF Gain: Low	#Avg Type: Po Trig: Free Run	AWWWWW	Avg Hold Number 20	up Settings
Spectrum cale/Div 10 d	B		Ref LvI Offset 36. Ref Level 36.52 d		Mkr1	3.981 176 GHz -34.042 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5							K Meas Setup Summary Table	Legacy Compat
16.5							Auto Couple	Advanced
5.52							Meas Preset	Global
13.5						0L1-13.00 dBm		
13 5						State		
13.5	ninininininininininininininininininini	***********	******	*********	instrong and a second	nanneenkeninn stationeen ereitetetetetetetet		
tart 3.981000 Res BW 510 k			#Video BW 2.0	MHz	#Swe	Stop 3.985000 GHz ep ~1.01 s (1001 pts)		Loca
15	201	Nov 06, 2024 11:10:05 AM	9					

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(2)



Align	Auto P	nput Z 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten 14 dB Preamp Off	PNO Best Wide Gate Off IF Gain Low	#Avg Type. Po Tng: Free Rur		wwwww	Avg Hold 20	Number	Settings
o Spectrum cale/Div 10 dB	*		Ref LvI Offset 36 Ref Level 36.52 d		Mkr1	3.981 0	A A A A A 36 GHz 33 dBm	Avg Type Power (F Auto Man	(MS)	Limits Meas Standard
26 5									s Sétup hary Table	Legacy Compat
16.5								Auto	Couple	Advanced
48								Mea	s Preset	Global
13.5						ĐL	i -13.00 dBm			
3.5 3.5 <b>1</b>										
3.5	4000eneeneeneeneelee	nondekseletterin	Northerstonesessatistic(in	TAUNTANAMANANANANANANANANANANANANANANANANAN	004matikalanteristaatika	tristitulinetasise	RMS			
tart 3.981000 GHz			#Video BW 2.0			Stop 3.98	5000 GHz			Loca
Res BW 510 kHz	- 2	Nov 06, 2024			#Swe		(1001 pts)			

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(2)



	nput RF Coupling DC Nign Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE Adaptive	#Atten 14 dB Preamp Off	PNO Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Trig: Free Run	wer (RMS12345 AWWWWW AAAAAA	Avg Hold Number 20	Settings
Spectrum cale/Div 10 dE		THE Pullation	Ref LvI Offset 36 Ref Level 36.52 d	.52 dB	Mkr	1 3.986 15 GHz -32.107 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5							K Meas Setup Summary Table	Legacy Compat
16,5							Auto Couple	Advanced
52							Meas Preset	Global
13.5						ijLi -13.00 dBm		
13 5	1140-1146 August Mary	Souther and						
	يامر ا		article and the second s	Maryan		SHS		
53.6								Loca
tart 3.98500 G Res BW 1.0 M			#Video BW 3,0	MHZ	#Sw	Stop 4.10000 GHz eep 1.00 s (1001 pts)		

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_FullRB(3)



L Coupling DC C Align Auto Fr	put Z 50 Ω #Atten 14 dB orr CCorr Preamp Off reg Ref. Int (S) IFE Adaptive	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS1234 Trig: Free Run A WWW A A A A	AA	Settings
Spectrum v cale/Div 10 dB	Ref Lvi Offset 36 Ref Level 36.52		Mkr1 4.006 74 G -41.103 dl		Limits Meas Standard
26.5				Meas Setup Summary Table	Legacy Compat
6.5				Auto Couple	Advanced
.52				Meas Preset	Global
13.5			E)L1-13.00	dBm	
23.5					
13.5				RMS	
33.6					Loca
tart 3.98500 GHz Res BW 1.0 MHz	#Video BW 3.0	MHz	Stop 4.10000 #Sweep 1.00 s (1001		LOCA

#### n77(3700~3980 MHz)\_30 M\_Band Edge\_High\_BPSK\_1RB(3)



Spectrum Analyzer 1 Swept SA	+		Carl Carlos			Keas Set	up 🛛 💥
RL Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten 14 dB Preamp Off	PNO. Best Wide Gate: Off IF Gain: Low	#Avg Type: P Trig: Free Ru	AWWWWW	Avg Hold Number 20	Settings
1 Spectrum V Scale/Div 10 dB	NFE: Adaptive	Ref Lvi Offset 36. Ref Level 36.52 di		Mkr1	3.699 020 GHz -26.932 dBm	Auto	Limits Meas Standard
26.5						Man Meas Setup Summary Table	Legacy Compat
6.52					RMS	Auto Couple	Advanced
3.48			المللل	he has been and the second second second second second second second second second second second second second	RMS DL1-13.00 dBm	Meas Preset	Global
-13.5 -23.5	1	minanomillipuiti	WHILE BELLEVER BELLEVER				
-33.5 <b></b>	generation and a second state of the second	en eventel (12) one of 1977)	Men Date.				
Center 3.700000 GHz		#Video BW 1.2 M	MHz		Span 4.000 MHz		Local
#Res BW 360 kHz	<b>?</b> Nov 06, 2024 11:14:17 AM	9		#Sw	eep ~1.01 s (1001 pts)		

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(1)



KEYSIGHT	Input RF Coupling DG Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Po Trig: Free Run	wer (RMS 1 2 3 4 5 A WW WW W A A A A A A	20	Settings
Spectrum cale/Div 10 d og	B		Ref Lvi Offset 36. Ref Level 36.52 d		Mkr1	3.699 996 GH -30.620 dBn	rener (rane)	Limits Meas Standard
6.5							K Meas Setup Summary Table	Legacy Compat
16.5					manner		Auto Couple	Advance
.52							Meas Preset	Global
3.48					Je de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	DL1-13.00 / E		
3.5				water and the second second		and and and and and and and and and and		
			-					
3.5	-	and any active sector of the sector of the	Aug Water and					
53.6 + + + Han-+ + +	AN MATCH CALLS AND A SAN AND AND AND AND AND AND AND AND AND A							Loca
enter 3.70000 Res BW 30 ki			#Video BW 100	kHz	#Swe	Span 4.000 MH ep ~1.01 s (1001 pts		

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(1)



Spectrum Analy Swept SA		+						Ö	Meas Set	up 🕇 🔛
	Input RF Coupling DC Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate Off IF Gain Low Sig Track Off	#Avg Type: P Trig: Free Ru		1 2 3 4 5 C	Avg Ho 20	ld Number	Settings
N Spectrum Scale/Div 10 d	B	не мариче	Ref Lvi Offset 36. Ref Level 36.52 d	.52 dB	Mkr1	3.698	724 GHz 497 dBm	Avg Tyj Power Au Ma	(RMS)	Limits Meas Standard
26.5								Z M	eas Setup nmary Table	Legacy Compat
16.5								A	ito Couple	Advanced
5,52								M	eas Preset	Global
3.48							E)L1 -13.00 dBm			
13.5 23.5 33.5				Munning an o an	And the second s					
43.5 53.5 tart 3.695000	GH7		#Video BW 2.0	MH7		Stop 3	.699000 GHz			Loca
Res BW 510 k			#1060 B44 2.0	11112	#Sw	eep ~1.01	s (1001 pts)			
15		? Nov 06, 2024 11:14:50 AM	9				$-\mathbf{X}$			

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(2)



Spectrum Analy Swept SA KEYSIGHT R L		+ Input Z: 50 Ω Corr CCorr Freq Ref. Int (S)	#Atten: 14 dB Preamp: Off	PNO Best Wide Gate: Off IF Gain: Low	#Avg Type: F Trig: Free Ri	A WW WW W	Avg Hold 20	Meas Setu Number	up Settings
Spectrum Scale/Div 10 d	B	NFE Adaptive	Ref LvI Offset 36.5 Ref Level 36.52 dB		Mkr	AAAAAA 3.698 996 GHz -31.248 dBm	Avg Type Power (R Auto Man		Limits Meas Standard
26.5							/ Meas	s Setup hary Table	Legacy Compat
5.52								Couple s Preset	Advanced Global
13.5						1)1:1 -13.00 dBm			
						R.1.			
		anan dalam unite dalam unite Anan aya bahada ata dalam			oolaatumuunita Kululululululu				
tart 3.695000 Res BW 510 I			#Video BW 2.0 M	Hz	#5%	Stop 3.699000 GHz reep ~1.01 s (1001 pts)			Loca
15		Nov 06, 2024 11:16:32 AM	9						

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(2)



EYSIGHT Input RF Coupling DG Align Auto		reamp Off G	NO Fast ate: Off Gain: Low kg Track: Off	#Avg Type: Poy Trig: Free Run	er (RMS <mark>12345)</mark> A WWWWW A A A A A A A	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB	Ref	Lvi Offset 36.52 d Level 36.52 dBm		Mkr1	3.690 125 GHz -24.532 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5						K Meas Setup Summary Table	Legacy Compat
6.5						Auto Couple	Advance
.52						Meas Preset	Global
3.5					b)£i-13.00 d⊟m		
3.5					daadt a Miller Market		
13 5 	Hundhaanaanhadhadh	Anniellen and allen	a haundeline	WWW WWW	NININ AND AND AND AND AND AND AND AND AND AN		
							Loca
art 3.50000 GHz Res BW 1.0 MHz	#\	ideo BW 3.0 MHz		#Swe	Stop 3.69500 GHz ep 1.00 s (1001 pts)		

## n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_FullRB(3)



Spectrum Analy Swept SA		+						ø	Meas Set	ip v Si
KEYSIGHT	Input RF Coupling DC Align Auto	Input Z: 50 Q Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO:Fast Gate:Off IF Gain:Low Sig Track:Off	#Avg Type: Po Trig: Free Rur	ower (RM h	S 1 2 3 4 5 A WWWWW A A A A A A A	20	ld Number	Settings
Spectrum icale/Div 10 d	¥ B		Ref LvI Offset 36 Ref Level 36.52 d		Mkr1		215 GHz .040 dBm	Avg Ty Power AL Ma	(RMS)	Limits Meas Standard
26.5									eas Setup nmary Table	Legacy Compat
16,5								A	Ito Couple	Advanced
5,52								M	eas Preset	Global
3.48							BL1 -13.00 dBm			
23.5						4				
43.5						Ì.	PINS			
53.6						<u>ال</u>	- Indial			
tart 3.50000 ( Res BW 1.0 N			#Video BW 3.0	MHz	#Sv		3.69500 GHz 0 s (1001 pts)			Loca
15		Nov 06, 2024 11:17:04 AM	0			-				

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_Low\_BPSK\_1RB(3)



Spectrum Analyzer 1 Swept SA KEYSIGHT Input: RF RL Coupling, 100 Align Auto	Input Z: 50 C Corr CCorr Freq Ref. Int NFE: Adapte	Preamp Off (S)	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type. P Trig: Free Ru	ower (RMS <mark>1</mark> 2 345) n AWWWWW AAAAAA	Avg Hold Number 20	up Settings
Scale/Div 10 dB		Ref LvI Offset 36 Ref Level 36.52 d	.52 dB	Mki	1 3.982 57 GHz -29.049 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26 5						K Meas Setup Summary Table	Legacy Compat
16.5						Auto Couple	Advanced
3.52 6000000000000000000000000000000000000	M.					Meas Preset	Global
13.5	N				У1-13.00 d⊟m		
23.5	- Youngangangangangangangangangangangangangan	Manifestation and a second second	Nataanna agaalaa ay ahadda ahaa ay d	1 1	FMB Manual Manual Million and Million and Million and Million and Million and Million and Million and Million and Mi		
							-
enter 3.980000 GHz Res BW 360 kHz		#Video BW 1.2	MHz	#Sw	Span 10.00 MHz eep ~1.01 s (1001 pts)		Loca
500	<b>Nov 06, 20</b> 11:22:56 A						

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(1)



CEYSIGHT Input RF Coupling DC Align Auto	Input Z 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate Off IF Gain Low Sig Track Off	#Avg Type: Po Trig: Free Run	wer (RMS <mark>12345)</mark> A WWWWW A A A A A A	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 36. Ref Level 36.52 d		Mkr1	3.980 01 GHz -31.389 dBm	romer (rune)	Limits Meas Standard
26.5						K Meas Setup Summary Table	Legacy Compat
6.5		MAR				Auto Couple	Advanced
.52						Meas Preset	Global
13.5		1			EjLi -13.00 d⊟m		
23.5	-/	- mm 1					
	1	X					
53.6 <b>Pul</b> M	ent		A MARCONALE MARCONALE	14.44			
wal with how			- MA	survey and provident	RMS		Loca
enter 3.980000 GHz Res BW 30 kHz		#Video BW 100	kHz		Span 10.00 MHz ep ~1.01 s (1001 pts)		

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(1)



Spectrum Analy Swept SA KEYSIGHT		+ Input Z: 50 Ω Corr CCorr Freq Ret. Int (S)	#Atten: 14 dB Preamp: Off	PNO Best Wide Gate: Off IF Gain Low	#Avg Type: P Tng: Free Ru	n A	wwww.w	Avg Hold 20	Meas Sett	Settings
v Spectrum icale/Div 10 d	B		Ref Lvi Offset 36 Ref Level 36.52 d		Mkr1	3.982 5	A A A A A 16 GHz 45 dBm	Avg Type Power ( Auto Mar	RMS)	Limits Meas Standard
26.5								/ Mei	as Setup mary Table	Legacy Compat
16.5								Aut	o Couple	Advanced
5,52								Me	as Preset	Global
13.5						DI.	.i -13.00 dBm			
23.5			<b>↓</b> 1							
33 5 MANANANA				THE REPORT OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF T	mannin man	nteleveletetetetetetetetetetetetetetetete	NUT DO DE PORT			
										Loca
tart 3.981000 Res BW 510 k			#Video BW 2.0	MHz	#Sw	Stop 3.98 eep ~1.01 s	85000 GHz (1001 pts)			
5	2	Nov 06, 2024 11:23:29 AM	$\bigcirc$							

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(2)



EYSIGHT Input RF L + Align Auto		#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Pow Trig: Free Run	rer (RMS <mark>12345)</mark> A WW WW W A A A A A A A	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 36 Ref Level 36.52 d		Mkr1	3.981 012 GHz -35.813 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5						Meas Setup Summary Table	Legacy Compat
6.5						Auto Couple	Advance
,52						Meas Preset	Global
13.5					E)L i -13.00 dEm		
3.5							
i3.5	nourdenedened gibbandered	Natheradorallysalisation	ntriftfam allybrighte Artyble kinn fibb	Nepitran (Presidentia)	RMS Bittigetigetigetigetigetigetigetigetigeti		
tart 3.981000 GHz Res BW 510 kHz		#Video BW 2.0			Stop 3.985000 GHz p ~1.01 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(2)



L Coupling DG G Align Auto Fr	iput Z 50 Ω #Atten: 14 dB orr CCorr Preamp: Off req Ref. Int (S)	Gate Off The IF Gain Low	vg Type: Power (RMS 1 2 3 4 5 E Free Run A WW WW A A A A A A	20	Settings
7 N Spectrum V cale/Div 10 dB	FE Adaptive Ref Lvi Offset 3 Ref Level 36.52		Mkr1 3.985 46 GH: -27.196 dBn	Avg Type Power (RMS)	Limits Meas Standard
26.5				Meas Setup Summary Table	Legacy Compat
6.5				Auto Couple	Advanced
.52				Meas Preset	Global
3.48			DL1-13.00 HBr	1	
35 1	at all - 39885				
3.5	NING NEW YORK STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, STREET, S	eren fitterierer enter of the the terreteries	FRME Househousehousehousehousehousehousehouseh	*	
					Loca
art 3.98500 GHz Res BW 1.0 MHz	#Video BW 3.	0 MHz	Stop 4.10000 GH #Sweep 1.00 s (1001 pts		LOCA

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_FullRB(3)



L Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO:Fast Gate:Off IF Gain:Low Sig Track:Off	#Avg Type: Power Trig: Free Run	(RMS12345 AWWWWW AAAAAA	Avg Hold Number 20	Settings
Spectrum  Cale/Div 10 dB		Ref LvI Offset 36. Ref Level 36.52 d	.52 dB		.016 74 GHz 41.393 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5						Meas Setup Summary Table	Legacy Compat
6.5						Auto Couple	Advance
,52						Meas Preset	Global
3.48					1914 -13.00 dBm		
3.5							
13.5 MAAA					RMS		
53.6							Loca
tart 3.98500 GHz Res BW 1.0 MHz		#Video BW 3.0	MHz		Stop 4.10000 GHz 1.00 s (1001 pts)		

#### n77(3700~3980 MHz)\_40 M\_Band Edge\_High\_BPSK\_1RB(3)



EYSIGHT Input RF L + Align Auto	Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: P Trig: Free Ru	ower (RMS 1 2 3 4 5 A WWWWW A A A A A A	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 36.52 Ref Level 36.52 dBr	dB	Mkr1	3.700 000 GHz -35.459 dBm		Limits Meas Standard
26.5						K Meas Setup Summary Table	Legacy Compat
6.5						Auto Couple	Advanced
3.52 4.48 				ALC ALC ALC ALC ALC ALC ALC ALC ALC ALC	PMS 1011000000000000000000000000000000000	Meas Preset	Global
13.5	MARRAN MARRAN	1	ann particular.				
13.5 		#Video BW 1.2 M			Span 4.000 MHz eep ~1.01 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_FullRB(1)



	input RF Coupling (BC Align Auto	Input Z 50 Ω Gorr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten 14 dB Preamp Off	Gate: I IF Gai	Dif	#Avg Type: P Trig: Free Ru	n 1	1 2 3 4 5 6 A WWWWWW	Avg Hold 20	and the second se	Settings
Spectrum cale/Div 10 dE	*		Ref Lvi Offset Ref Level 36.5	36.52 dB		Mkr1	3.699	984 GHz 170 dBm	Avg Type Power (i Auto Man	RMS)	Limits Meas Standard
26.5									/ Mea	s Setup nary Table	Legacy Compat
16.5							hala		Auto	o Couple	Advanced
52						1			Mea	is Preset	Global
13.5						and the	Willi	RMS			
3.5					NATION OF THE OWNER.			THE REAL PROPERTY OF			
				1 MARANA							
13.5											
33.6 WARANT		Andread and a state of the stat	WWW THE STATE								Loca
enter 3.70000 Res BW 30 kH	GHz		#Video BW 1	00 kHz		#Sw		n 4.000 MHz s (1001 pts)			Loca

#### n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_1RB(1)



L Coupling DC Align Auto	Input Z 50 Ω #Atten 14 dE Corr CCorr Preamp Off Freq Ref. Int (S) NFE Adaptive	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RM Trig: Free Run	S12345 AWWWWW AAAAAA	Avg Hold Number 20	Settings
Spectrum v cale/Div 10 dB og	Ref Lvi Offset Ref Level 36.5	36.52 dB	Mkr1 3.697 -36	7 920 GHz .865 dBm	Avg Type Power (RMS) Auto Man	Limits Meas Standard
26.5					Meas Setup Summary Table	Legacy Compat
16.5					Auto Couple	Advanced
5,52					Meas Preset	Global
13.5				DE1-13.00 dBm		
33.5			<u>1</u>	RMS		
	สภาพกลังหลังกับกล่าสามากสามากไ	and intervention to according to the	1.0018111111111111000000000000000000000	*****		
53.6						-
tart 3.695000 GHz Res BW 510 kHz	#Video BW 2	2.0 MHz		3.699000 GHz 1 s (1001 pts)		Loca

#### n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_FullRB(2)



Spectrum Analy Swept SA KEYSIGHT		+ Input Z: 50 Ω	#Atten 14 dB	PNO Best Wide	#Avn Tvna: P	Power (RMS 1 2 3 4 5	٥	Meas Sett	up 🔸 🚉
₹L →	Coupling DC Align Auto	Corr CCorr Freq Ref. Int (S) NFE: Adaptive	Preamp Off	Gate: Off IF Gain: Low Sig Track: Off	Trig. Free RL		Avg Hold 20	Number	Settings
N Spectrum Scale/Div 10 d	B	NPE Adaptive	Ref Lvi Offset 36. Ref Level 36.52 d	.52 dB	Mkr	3.698 996 GHz -35.590 dBm	i onei (	RMS)	Limits Meas Standard
26.5							/ Mea	as Setup nary Table	Legacy Compat
16.5							Aut	o Couple	Advanced
5,52							Mea	as Preset	Global
13.5						BjLi -13.00 dBm			
23.5						1			
				an and a second s					
53.6 <b>MANANA</b>				samatan di Angelandi Angelandi Kanangan di Kanangan di Kana					
tart 3.695000 Res BW 510 k			#Video BW 2.0	MHz	#Sw	Stop 3.699000 GHz reep ~1.01 s (1001 pts)			Loca
5	2	Nov 06, 2024 11:29:56 AM	0						

#### n77(3700~3980 MHz)\_50 M\_Band Edge\_Low\_BPSK\_1RB(2)