

Spectrum Analyz Swept SA	zer 1	+					\$	Frequency	絵
	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: Pov Trig: Free Run	ver (RMS <mark>123456</mark> A WW WW W A A A A A A A	25.000	Frequency 0000000 GHz	Settings
1 Spectrum Scale/Div 10 dE	3		Ref Level -20.00) dBm	Mkr1	36.329 9 GHz -79.105 dBm	Sv	00000 GHz vept Span ero Span	
-30.0								Full Span	
-50.0								0000000 GHz	
								UTO TUNE	
-80.0	g state of some			u ki Bajasta I na spoleto	al la fair a sua staat a sua	RMS	CF Ste 3.0000	000000 GHz	
-100							Freq O 0 Hz	an	
Start 10.00 GHz #Res BW 1.0 M			#Video BW 3.0	MHz	Sweep	Stop 40.00 GHz -55.8 ms (60000 pts)	X Axis Li	g	Local
ま り(Jul 08, 2024 2:26:22 PM					Signal		

n77(3700~3980 MHz)_40 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analy. Swept SA	zer 1	+						Frequency	- 1 絵
	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	r (RMS <mark>123456</mark> A WWWWW A A A A A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 dl	в		Ref Level -20.00) dBm	Mkr1 :	35.997 4 GHz -78.883 dBm	Sv	00000 GHz vept Span ro Span	
-30.0								- ull Span	
-50.0							10.000 Stop Fr	000000 GHz	
						↓1 RMS	AL	JTO TUNE	
and delated and				ng panalang ang ang ang ang ang ang ang ang ang		annaggingi pana ngananan Matang	CF Step 3.0000 Au Ma	00000 GHz to	
-100							Freq Of 0 Hz		_
Start 10.00 GH; #Res BW 1.0 M			#Video BW 3.0	MHz		Stop 40.00 GHz 5.8 ms (60000 pts)	X Axis S Lo Lir	g	Local
1		? Jul 08, 2024 2:30:51 PM	$\supset \triangle$				Signal " (Span Zi		

n77(3700~3980 MHz)_40 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+						Frequency	(
KEYSIGHT	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 (F Trig: Free Run	RMS <mark>123456</mark> A WWWWW A A A A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 dl	T B		Ref Level -20.00) dBm		6.811 9 GHz 79.324 dBm	Sw	0000 GHz ept Span	
-30.0								o Span ull Span	
-40.0							Start Fre 10.000 Stop Fre	000000 GHz	
-60.0							40.000	29 000000 GHz TO TUNE	
1000000				un di matana di si sudi shima dha		T RMS	CF Step		
-90.0 -100	A A LA						Aut Ma	n	
-110							0 Hz X Axis S	icale	Local
Start 10.00 GH: #Res BW 1.0 M		Jul 08, 2024 2:56:52 PM	#Video BW 3.0	MHZ		Stop 40.00 GHz ms (60000 pts)	Log Lin Signal T (Span Zo	rack	

n77(3700~3980 MHz)_50 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+					\$	Frequency	· · 🔆
KEYSIGHT RL ++-	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: Powe Trig: Free Run	ar (RMS <mark>123456</mark> A WWWW A A A A A A A	25.0000	requency 00000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	₹ B		Ref Level -20.00	dBm	Mkr1	36.137 9 GHz -79.096 dBm	Swe	000 GHz pt Span Span	
-30.0								ill Span	
							Stop Fre	00000 GHz q 00000 GHz	
						1 RMS	CF Step	TO TUNE	
-90.0				Compact May at A May 4			Auto Man	i	
-110 Start 10.00 GH			#Video BW 3.0	MHz		Stop 40.00 GHz	Freq Offs 0 Hz X Axis Se		Local
#Res BW 1.0 M		Jul 08, 2024 3:00:11 PM	-	MH2	Sweep ~5	55.8 ms (60000 pts)	Log Lin Signal Tr (Span Zoo		

n77(3700~3980 MHz)_50 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+					*	Frequency	 ▼ ⁸¹²/₂₁₈
KEYSIGHT RL +→-•	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 Trig: Free Run	6 1 2 3 4 5 6 A WW WW W A A A A A A	25.000	requency 000000 GHz	Settings
1 Spectrum Scale/Div 10 di	B		Ref Level -20.00) dBm	Mkr1 38.9 -79	13 0 GHz .022 dBm	Sw	0000 GHz ept Span o Span	
							F	ull Span	
-40.0							Start Fre 10.000	eq 000000 GHz	
-60.0							Stop Fre 40.000	eq 000000 GHz	
						↓ 1		TO TUNE	
-80.0	a al an instance	ومتذاورها فالمتنفذ ورور	A PERSONAL PRODUCT	STREET,		an an air an	Concernance of the	00000 GHz	
-100	a shirt of the	and an initial					Aut Ma		
							Freq Of 0 Hz	íset	
Start 10.00 GH #Res BW 1.0 M			#Video BW 3.0	MHz	Steep ~55.8 m	op 40.00 GHz s (60000 pts)	X Axis S Lo Lin	1	Local
ま り (r 🗌 í	Jul 08, 2024 3:04:42 PM					Signal T (Span Zo		

n77(3700~3980 MHz)_50 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+					₽	Frequency	一湯
KEYSIGHT RL +++	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: Pov Trig: Free Run	ver (RMS 1 2 3 4 5 6 A WW WW W A A A A A A A	Center Fre 25.00000 Span	equency 0000 GHz	Settings
1 Spectrum Scale/Div 10 d	B	F	Ref Level -20.00	0 dBm	Mkr1	36.844 9 GHz -78.909 dBm	30.00000	t Span	
-30.0							-	Span	
-50.0							Stop Freq	0000 GHz 0000 GHz	
-70.0						1 RMS	AUTO CF Step	DTUNE	
-90.0 -100	TINT PLATENT			addeby Alarway Alaria			3.000000 Auto Man		
-110 Start 10.00 GH			#Video BW 3.0	MUS		Stop 40.00 GHz	Freq Offse 0 Hz X Axis Sca		Local
#Res BW 1.0 M		Jul 08, 2024 3:09:24 PM		MHZ	Sweep ~	-55.8 ms (60000 pts)	Log Lin Signal Tra (Span Zoon		

n77(3700~3980 MHz)_60 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analyz Swept SA	zer 1						\$	Frequency	- 湯
	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: Po Trig: Free Run	wer (RMS <mark>123456</mark> A WW WW W A A A A A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 dE	3		Ref Level -20.00) dBm	Mkr1	36.929 9 GHz -78.883 dBm	Sw	0000 GHz ept Span o Span	
-30.0								ull Span	
							Stop Fre	000000 GHz eq 000000 GHz	
							AU CF Step		
-90.0					Here to a farmer to	and a second s	3.0000 Aut Ma		
							Freq Of 0 Hz X Axis S		Local
Start 10.00 GHz #Res BW 1.0 M		Jul 08, 2024 3:12:42 PM	#Video BW 3.0	MHz	Sweep -	Stop 40.00 GHz -55.8 ms (60000 pts)	Log Lin Signal T	'rack	

n77(3700~3980 MHz)_60 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+					\$	Frequency	- 絵
KEYSIGHT	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 (R Trig: Free Run	MS123456 AWWWWW AAAAAA	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	Ŧ		Ref Level -20.00) dBm		8.128 5 GHz 79.135 dBm	Sv	0000 GHz vept Span ro Span	
-30.0								- ull Span	
-50.0							10.000 Stop Fr	000000 GHz	
-70.0						≬1 .₂мs		JTO TUNE	
-90.0				la sultane dia pangkatikan		and the data of the local data	COLUMN STATES	100000 GHz to	
-100							Freq O 0 Hz		- Internet
Start 10.00 GH #Res BW 1.0 N		Lui 02, 2024	#Video BW 3.0	MHz	Sweep ~55.8	Stop 40.00 GHz ms (60000 pts)	X Axis : Lo Li	ig 1	Local
	C L	? Jul 08, 2024 3:17:10 PM	•∆				Signal (Span Z		

n77(3700~3980 MHz)_60 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+					\$	Frequency	· · · [崇
KEYSIGHT RL +→-•	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 6 A WW WW W A A A A A A	persection and second at	equency 00000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	B		Ref Level -20.00) dBm		7.367 5 GHz 79.389 dBm		000 GHz pt Span Span	
-30.0							Start Free	II Span A 200000 GHz	
							Stop Free		
				المغلومة والمعالم	Lan anatolite de la constante		CF Step	O TUNE	
-90.0 -100		nere proving the fall of the fact which are					Auto Man Freq Offs		
-110 Start 10.00 GH #Res BW 1.0 N			#Video BW 3.0	MHz	Sweep ~55.0	Stop 40.00 GHz 8 ms (60000 pts)	0 Hz X Axis Sc Log Lin	ale	Local
15	1	Jul 08, 2024 3:21:55 PM					Signal Tri (Span Zoo		

n77(3700~3980 MHz)_70 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+	3				\$	Frequency	- T 🔆
	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: Powe Trig: Free Run	r (RMS <mark>123456</mark> A WWWWW A A A A A A A	Verseo Subassa	equency 00000 GHz	Settings
1 Spectrum Scale/Div 10 dl	, B	F	Ref Level -20.00	dBm	Mkr1	35.982 4 GHz -78.474 dBm		000 GHz pt Span Span	
-30.0							-	ll Span	
							10.0000 Stop Fred	00000 GHz	
						↓1 RMS		00000 GHz O TUNE	
-80.0	and and an addition of a	N STATUTE AND A CONTRACT OF THE ADDR		ana kata kata kata kata kata kata kata k			CF Step 3.000000 Auto	0000 GHz	
-100							Man Freq Offs 0 Hz	et	
Start 10.00 GH; #Res BW 1.0 M			#Video BW 3.0	MHz	Sweep ~5	Stop 40.00 GHz 5.8 ms (60000 pts)	X Axis So Log Lin	ale	Local
ま り (Jul 08, 2024 3:25:19 PM					Signal Tra (Span Zoo		

n77(3700~3980 MHz)_70 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analyzer Swept SA	1 • +					₽	Frequency	※
	ut: RF Input Z: upling: DC Corr CC m: Auto Freq Re NFE: Ac	orr Preamp: Off f: Int (S)	PNO: Fast Gate: Off IF Gain: High Sig Track: Off		***** ****	25.0000	requency 00000 GHz	Settings
1 Spectrum Scale/Div 10 dB	•	Ref Level -20.0	00 dBm	Mkr1 35.890 4 -78.834	4 GHz	Swe	000 GHz pt Span Span	
						Fu	ill Span	
-40.0						Start Fre 10.0000	9 00000 GHz	
-60.0						Stop Fre 40.0000	9 00000 GHz	
-70.0			on tolor, and to out allowed		RMS	CF Step	O TUNE	
-90.0	A ROUTE AND A REAL PROPERTY OF					Auto Man	,	
						Freq Offs 0 Hz	et	
Start 10.00 GHz #Res BW 1.0 MHz		#Video BW 3.	0 MHz	Stop 40 Sweep ~55.8 ms (60	.00 GHz	X Axis So Log Lin	ale	Local
4 って	Jul 08, 3:29:5	, 2024 55 PM			X	Signal Tr (Span Zoc		

n77(3700~3980 MHz)_70 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+					\$	Frequency	· • 😹
KEYSIGHT RL ++-	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		2 3 4 5 6	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d	B		Ref Level -20.00	dBm	Mkr1 36.51 -78.3	3 9 GHz 67 dBm	Sw	0000 GHz ept Span o Span	
-30.0								ull Span	
							10.000 Stop Fre	000000 GHz	
-60.0					1			000000 GHz	
-80.0	THE REAL PROPERTY NAME	and the state of the	nen prostikepens	analasingki sprassilasin		RMS	CF Step 3.0000	00000 GHz	
-100							Ma Freq Off 0 Hz	n	
Start 10.00 GH #Res BW 1.0 M			#Video BW 3.0	MHz	Stop Sweep ~55.8 ms(40.00 GHz 60000 pts)	X Axis S	1	Local
15		? Jul 08, 2024 3:34:41 PM					Signal T (Span Zo	rack	

n77(3700~3980 MHz)_80 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	yzer 1	+					\$	Frequency	· • 😤
KEYSIGHT RL +++	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 6 A WWWWW A A A A A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	в		Ref Level -20.00) dBm		35.876 9 GHz -78.673 dBm	Sw	0000 GHz Iept Span ro Span	
-30.0							F Start Fr	ull Span	
							Stop Fr	000000 GHz eq 000000 GHz	
						T RMS	AU CF Step		
-90.0	TRUPPER DE LA RESPUE	A way and the state of the stat		endersensk vil by en sid blitten Heren og sen			Au Ma	in	
-110			#Video BW 3.0	MUs		Stop 40.00 GHz	Freq Of 0 Hz X Axis S	Scale	Local
#Res BW 1.0 M		Jul 08, 2024 3:38:02 PM	-	MHZ	Sweep ~55	5.8 ms (60000 pts)	Lo Lin Signal 1 (Span Z(rack	

n77(3700~3980 MHz)_80 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analyz Swept SA	er 1 🔹 🕇							Frequency	- 絵
	Coupling: DC Nign: 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: Pow Trig: Free Run	er (RMS <mark>123456</mark> A WW WW W A A A A A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 dB Log		F	Ref Level -20.0	0 dBm	Mkr1	35.935 4 GHz -78.599 dBm	Sv	00000 GHz vept Span ro Span	
								Full Span	
-40.0							Start Fr 10.000	req 1000000 GHz	
-60.0							Stop Fr 40.000	eq 1000000 GHz	
-70.0						1 RMS	AL CF Ste		
-90.0				the second second			3.0000 Au Ma		
							Freq O 0 Hz		
Start 10.00 GHz #Res BW 1.0 MH			#Video BW 3.0	MHz	Sweep ~	Stop 40.00 GHz 55.8 ms (60000 pts)	X Axis : Lo Li	g	Local
1 5 (" □ ?	Jul 08, 2024 3:42:35 PM					Signal (Span Z		

n77(3700~3980 MHz)_80 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+	3				Ç Fr	equency 🔹 🔛
KEYSIGHT	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	r (RMS <mark>123456</mark> A WWWWW A A A A A A A	Center Freque 25.000000000	
1 Spectrum Scale/Div 10 d	¥	ſ	Ref Level -20.00) dBm	Mkr1	36.900 4 GHz -78.528 dBm	Span 30.0000000 G Swept Sp	
-30.0							Zero Spar Full Spa	
-40.0							Start Freq 10.000000000	GHz
							Stop Freq 40.00000000) GHz
-70.0						1 RMS	AUTO TU CF Step	NE
-90.0				apalant Attinuana attin ta			3.000000000 Auto Man	GHz
							Freq Offset 0 Hz	
Start 10.00 GH #Res BW 1.0 N			#Video BW 3.0	MHz	Sweep ~55	Stop 40.00 GHz 5.8 ms (60000 pts)	X Axis Scale Log Lin	Local
ר ב		Jul 08, 2024 3:47:22 PM					Signal Track (Span Zoom)	

n77(3700~3980 MHz)_90 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+					Frequenc	y , • 💦
REYSIGHT	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: Pow Trig: Free Run	er (RMS <mark>123456</mark> A WW WW W A A A A A A A	Center Frequency 25.000000000 GHz	Settings
1 Spectrum Scale/Div 10 di Log	₹ B		Ref Level -20.00) dBm	Mkr1	36.131 4 GHz -78.452 dBm	Span 30.0000000 GHz Swept Span Zero Span	
-30.0							Full Span Start Freq 10.00000000 GHz	
							Stop Freq 40.000000000 GHz	
			and the second	the decided of the laws, december that	lin,	1 RMS	AUTO TUNE CF Step 3.00000000 GHz	
-100	A MARKED AND A MARKED A						Auto Man Freq Offset	
-110 Start 10.00 GH #Res BW 1.0 M			#Video BW 3.0	MHz	Sweep ~	Stop 40.00 GHz 55.8 ms (60000 pts)	0 Hz X Axis Scale Log Lin	Local
ר ד	r 🗖 ?	Jul 08, 2024 3:50:44 PM	Δ				Signal Track (Span Zoom)	

n77(3700~3980 MHz)_90 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analyzer 1 Swept SA	• • •				4	Frequency	- ※
	t: RF Input Z: 5 pling: DC Corr CCc n: Auto Freq Ref NFE: Ada	rr Preamp: Off : Int (S)	PNO: Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4) Trig: Free Run	25.0000	equency 00000 GHz	Settings
1 Spectrum Scale/Div 10 dB Log	•	Ref Level -20.00	dBm	Mkr1 36.682 9 G -78.816 dE	Swej	000 GHz ot Span Span	
-30.0						l Span	
-50.0					10.0000 Stop Fred	00000 GHz	
-70.0				1		O TUNE	
And A Real Property of the			de las à fonces espècies d'als			0000 GHz	
-100					Freq Offs 0 Hz		Land
Start 10.00 GHz #Res BW 1.0 MHz		#Video BW 3.0	MHz	Stop 40.00 C Sweep ~55.8 ms (60000 p	ots) Lin		Local
して	Jul 08, 3:55:15	5 PM			Signal Tra (Span Zoo		

n77(3700~3980 MHz)_90 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy. Swept SA	zer 1	F						Frequency	- 1器
	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: Powe Trig: Free Run	r (RMS <mark>123456</mark> A WWWWW A A A A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 di Log	B		Ref Level -20.00) dBm	Mkr1	36.564 9 GHz -78.775 dBm	Sw	0000 GHz ept Span o Span	
-30.0							Start Fre	ull Span eq 000000 GHz	
							Stop Fre		
-70.0				ng minifunt à mai au bai bai féaní is	المراجع ومقوماته رايا. اور	1 RMS	CF Step	TO TUNE	
-100							Aut Ma Freq Off	n	
-110 Start 10.00 GHz #Res BW 1.0 M			#Video BW 3.0	MHz	Sweep ~5	Stop 40.00 GHz 5.8 ms (60000 pts)	0 Hz X Axis S Lo Lin	1	Local
ま り(? 🗖 ?	Jul 08, 2024 4:00:00 PM					Signal T (Span Zo		

n77(3700~3980 MHz)_100 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	/zer 1	+					*	Frequency	- *
KEYSIGHT RL +++	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. Powe Trig: Free Run	r (RMS <mark>123456</mark> A WWWWW A A A A A A A	Center Freq 25.000000		Settings
1 Spectrum Scale/Div 10 d	▼ B	,	Ref Level -20.00	dBm	Mkr1	35.770 9 GHz -79.053 dBm	Span 30.0000000		
-30.0							Zero S Full S		
-40.0							Start Freq 10.0000000	000 GHz	
							Stop Freq 40.000000	000 GHz	
-70.0						A 1 RMS	AUTO	TUNE	
-90.0		A NUMBER OF THE OWNER OF THE OWNER OF					3.00000000 Auto Man	0 GHz	
-100							Freq Offset 0 Hz		
Start 10.00 GH #Res BW 1.0 N			#Video BW 3.0	MHz	Sweep ~5	Stop 40.00 GHz 5.8 ms (60000 pts)	X Axis Scale Log Lin		Local
15		Jul 08, 2024 4:03:23 PM					Signal Track (Span Zoom)		

n77(3700~3980 MHz)_100 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analyz Swept SA	er 1 🔹	+					Ö	Frequency	· · 🔆
	nput: RF Coupling: DC Align: Auto	Input Ζ: 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 (RMS123 Trig: Free Run A WW A A A	₩₩₩ A A A	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 dB Log	*		Ref Level -20.00) dBm	Mkr1 38.670 5 -78.917 c	GHz	Sw	0000 GHz rept Span ro Span	
-30.0								ull Span	
							Stop Fr	000000 GHz eq 000000 GHz	
-70.0						∮ 1s	AL CF Step	ITO TUNE	
-90.0 -100								00000 GHz to	
-110							Freq Of 0 Hz		Local
Start 10.00 GHz #Res BW 1.0 MH		Jul 08, 2024	#Video BW 3.0	MHz	Stop 40.0 Sweep ~55.8 ms (6000	0 GHz	X Axis S Lo Lir	g I	Local
- (4:07:56 PM				×	Signal 1 (Span Zi		

n77(3700~3980 MHz)_100 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analyze Swept SA	er 1 🛛 🕇 🕇						\$	Frequency	· • 😤
	Coupling: DC C Nign: Auto F	nput Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS Trig: Free Run	123456 AWWWWW AAAAAA	-	equency 000 GHz	Settings
Spectrum Scale/Div 10 dB			ef LvI Offset 34 ef Level 34.50 d		Mkr1 3.699 -17.	960 GHz 127 dBm		00 MHz ot Span Span	
24.5						RMS	Start Free	I Span 1000 GHz	
5.50			1			DL1 -13.00 dBm	Stop Freq		
25.5		No. of the second s		HHH ^{HO.}			AUT CF Step 400.000		
45.5							Auto Man Freq Offs	et	
55.5 Center 3.700000 Res BW 360 kH			#Video BW 1.2	MHz	Spa #Sweep ~1.01	an 4.000 MHz s (1001 pts)	0 Hz X Axis Sc Log Lin	ale	Local
ר ד	2 2	Jul 08, 2024 1:25:40 PM					Signal Tra (Span Zoor		

n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_FullRB(1)



Spectrum Analy. Swept SA							\$	Frequency	- · [#
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off			3.7000	Frequency 00000 GHz	Settings
Spectrum cale/Div 10 dl	B		Ref LvI Offset 34. Ref Level 34.50 d		Mkr1 3.699 996 -37.472	GHz	Sw	0000 MHz ept Span o Span	
24.5							F	ull Span	
4.50							Start Fre 3.69800 Stop Fre	00000 GHz	
5.50				MANAN	DL1-1	3.00 dBm	3.7020	TO TUNE	
25.5			1	all the state of t		RMS	CF Step 400.00	Harrison -	
15.5	hininganyahininin	นายสมาริการการการการการการการการการการการการการก	topolitini minimi interessione			ann ann	Aut Ma Freq Off	n	
enter 3.70000	0 GHz		#Video BW 100	kHz	Span 4.00	00 MHz	0 Hz X Axis S Loo		Loca
Res BW 30 kH	¹²	Jul 08, 2024 1:27:23 PM	ÐA		#Sweep ~1.01 s (10	01 pts)	Signal T (Span Zo	rack	

n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_1RB(1)



Spectrum Analyz Swept SA		+	1				Ç Fr	equency 🔹 💽
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off		3456 wwww AAAA	Center Freque 3.697000000	
I Spectrum Scale/Div 10 dE	¥ 3		ef LvI Offset 34. ef Level 34.50 d		Mkr1 3.696 65 -25.956		Span 4.00000000 N Swept Sp:	an
24.5							Zero Spar Full Spa	
4.50							Start Freq 3.695000000	GHz
5.50					DĽ1-	-13.00 dBm	Stop Freq 3.699000000 AUTO TU	
			1	Meneren ander a	internet and a second	RMS.	CF Step 400.000 kHz	
45.5							Auto Man	
55.5							Freq Offset 0 Hz X Axis Scale	Loca
Start 3.695000 C		Jul 08, 2024 🖉	#Video BW 2.0	MHz	Stop 3.699 #Sweep ~1.01 s (1		Log Lin	
		1:26:13 PM 💆	? <u>/_</u>				(Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_FullRB(2)



Spectrum Analyzer 1 Swept SA	put Z: 50 Ω #Atten: 20 dB	PNO: Best Wide	#Avg Type: Power (RMS 1 2 3 4 5 6	Frequency	/ 1 😤
RL +++ Coupling: DC Co Align: Auto Fr	orr CCorr Preamp: Off eq Ref: Int (S) FE: Adaptive	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run A WW WWW	3.697000000 GHz	Settings
Spectrum V Scale/Div 10 dB	Ref LvI Offset Ref Level 34.5		Mkr1 3.696 696 GHz -32.917 dBm	Swept Span	
24.5				Zero Span Full Span	
4.50				Start Freq 3.695000000 GHz	
5.50			DL1 -13.00 dBm		
25.5	1		RMS	AUTO TUNE CF Step 400.000 kHz	
15.5 15.5		42 <u>9+49444444444444444444444444444444</u>	RMS anonananananananananananananananananana	Man Man	
55.5				Freq Offset 0 Hz X Axis Scale	Local
tart 3.695000 GHz Res BW 510 kHz	#Video BW 2	.0 MHz	Stop 3.699000 GH; #Sweep ~1.01 s (1001 pts	Log Lin	
	ul 08, 2024		👪 🔛 🔛 🔀	Signal Track (Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_1RB(2)



1 Spectrum Ref Lvi Offset 34.50 dB Mkr1 3.694 220 GHz 195.00000 MHz Scale/Div 10 dB Ref Level 34.50 dBm -26.432 dBm Swept Span 24.5 Scale/Div 10 dB Swept Span Full Span 14.5 Scale/Div 10 dB Start Freq 3.50000000 GHz 5.5 Start Freq Start Freq 3.695000000 GHz 5.5 Start Freq Start Freq 3.695000000 GHz 5.5 Start Freq Start Freq 3.695000000 GHz 5.5 Start Freq Start Freq Start Freq 3.695000000 GHz Man Autro TUNE Freq Offset 5.5 Start Freq Offset Hz Auto Man Freq Offset Hz Auto		+ Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS Trig: Free Run	1 2 3 4 5 6 A WW WW W A A A A A A A	REPORT OF CONTRACTOR	requency 0000 GHz	Settings
14.5 Start Freq 4.50 Start Freq 5.50 OL1-13 00 dBm 5.51 OL1-13 00 dBm 5.52 P.1 5.53 P.1 5.54 OL1-13 00 dBm 5.55 P.1 5.51 P.1 5.52 P.1 5.53 P.1 5.54 P.1 5.55 P.1 5.51 P.1 5.52 P.1 5.53 P.1 5.54 P.1 555	Scale/Div 10 dB						195.000 Swe	pt Span	
5.50 OL1-13 00 Bm Stop Freq 15.5 OL1-13 00 Bm AUTO TUNE 25.5 F OL1-13 00 Bm 35.5 OL1-13 00 Bm AUTO TUNE 55.6 OL1-13 00 Bm Freq Offset 55.6 OL1-13 00 Bm Freq Offset 55.7 OL1-13 00 Bm Freq Offset 55.8 OL1-13 00 Bm Freq Offset 55.9 OL1-13 00 Bm Freq Offset	14.5						Start Fre	9	
R R CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Man Freq Offset 0 Hz Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image: CF Step 19.50000 MHz Image: CF Step 19.50000 MHz 155 Image:	5.50					DL1 -13.00 dBm	3.69500	0000 GHz	
5.5 5.5 5.5 5.5 5.5 5.5 5.5 5.5	5.5					"1	CF Step 19.5000	00 MHz	
			•••••••				Man Freq Offs	Ĩ	
tart 3.50000 GHz #Video BW 3.0 MHz Stop 3.69500 GHz Res BW 1.0 MHz #Sweep 1.00 s (1001 pts) Jul 08, 2024 Jul 08, 2024 1:26:45 PM I:1 No	tart 3.50000 GH Res BW 1.0 MH		#Video BW 3.0	MHz	Stop #Sweep 1.00	3.69500 GHz s (1001 pts)	100	ale	Loca

n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_FullRB(3)



Spectrum Analy Swept SA		+				‡	Frequency	· 🔛
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS1234 Trig. Free Run	WW 3.597	Frequency 500000 GHz	Settings
Spectrum cale/Div 10 dl	в		Ref LvI Offset 34 Ref Level 34.50 d		Mkr1 3.694 415 -34.978 c	IBm Si	00000 MHz wept Span ero Span	
24.5							Full Span	
14.5						Start F 3.500	req 000000 GHz	
4.50 5.50					DL1 -13.0	The local division in which the local division in which the local division is not the local division of the local division in the lo	req 000000 GHz	
15.5					ULL TOX		UTO TUNE	
35.5						CF Ste	ep 0000 MHz	
45.5		na kana kana kana kana kana kana kana k	The Control of State of State of State				uto an	
55.5						Freq C 0 Hz	offset	
tart 3.50000 G Res BW 1.0 M			#Video BW 3.0	MHz	Stop 3.69500 #Sweep 1.00 s (100		og	Local
1		Jul 08, 2024 1:28:28 PM					Track (oom)	

n77(3700~3980 MHz)_10 M_Band Edge_Low_BPSK_1RB(3)



Spectrum Analyzer 1 Swept SA	<mark>·</mark> +			Frequenc	· • 🎇
KEYSIGHT Input: RF RL ↔ Align: Auto	Input Z: 50 Ω #Atten: 20 dB Corr CCorr Preamp: Off Freq Ref: Int (S) NFE: Adaptive	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A WW WW A A A A A A	Center Frequency 3.980000000 GHz	Settings
1 Spectrum v Scale/Div 10 dB	Ref Lvi Offset Ref Level 34.5	34.50 dB	Mkr1 3.980 01 GHz -20.103 dBm	10.0000000 100 12	
24.5				Full Span	
14.5 4.50	angunananananananananananananananananana			Start Freq 3.975000000 GHz	
-5.50			DL1 -13.00 dBm	Stop Freq 3.985000000 GHz	
-15.5	- The second sec	1		AUTO TUNE	
-35.5		AMPROXIMITY OF THE OWNER OF THE O	RMS	1.000000 MHz Auto Man	
-45.5				Freq Offset 0 Hz	
Center 3.980000 GHz #Res BW 360 kHz	#Video BW 1	I.2 MHz	Span 10.00 MHz #Sweep ~1.01 s (1001 pts)		Local
し し	? Jul 08, 2024 1:34:14 PM			Signal Track (Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_FullRB(1)



RL +>+		H Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low	#Avg Type: Powe Trig: Free Run	r (RMS <mark>123456</mark> A WWWWW	Center Frequency 3.98000000 GHz	ey v 🔡
ua 1 Spectrum Scale/Div 10 d Log	B		Ref LvI Offset 34 Ref Level 34.50 d		Mkr1	A A A A A A 3.980 03 GHz -35.300 dBm	Span 10.0000000 MHz Swept Span Zero Span	
24.5			(INID)				Full Span Start Freq 3.975000000 GHz	
4.50 5.50 15.5						DL1 -13.00 dBm	Stop Freq 3.985000000 GHz AUTO TUNE	
25.5 35.5		and the second s	Non 1	Million			CF Step 1.000000 MHz Auto Man	
45.5 55.5 Senter 3.98000	_{เกิด} ทุกกังกุกกังกุกก	pillin (1)	#Video BW 100	KHZ	an nation of the second of the	RMS אין אין אין אין אין אין אין אין אין אין	Freq Offset 0 Hz X Axis Scale	Local
#Res BW 30 kł		Jul 08, 2024 1:35:57 PM			#Sweep	~1.01 s (1001 pts)	Log Lin Signal Track (Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_1RB(1)



Spectrum Analy Swept SA	Input RF	+ Input Z: 50 Ω	#Atten: 20 dB	PNO: Best Wide	#Avg Type: Power (RMS1 2 3 4 5	Frequency	
21	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Preamp: Off	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run A WW WW A A A A A	3.983000000 GHz	Settings
Spectrum cale/Div 10 dl	¥ B		Ref LvI Offset 34. Ref Level 34.50 d		Mkr1 3.983 420 GH -29.245 dBr	Z 4.0000000 MHz	
4.5						Full Span	
1.50						Start Freq 3.981000000 GHz	
5.50					DL1 -13.00 dB		
5.5				1	RM	AUTO TUNE CF Step 400.000 kHz	
5.5		1117 C C C C C C C C C C C C C C C C C C				Auto Man	
5.5						Freq Offset 0 Hz X Axis Scale	Loca
art 3.981000 Res BW 510 k			#Video BW 2.0	MHz	Stop 3.985000 GF #Sweep ~1.01 s (1001 pt	tz Log Lin	
ちつ		Jul 08, 2024 1:34:47 PM	\Box		🎛 🔛 🔀	Signal Track (Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_FullRB(2)



Spectrum Analy Swept SA		+	-				Ç Fre	equency 🔻 🚼
KEYSIGHT RL ++-	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (F Trig: Free Run	RMS 1 2 3 4 5 6 A WW WW W A A A A A A A	Center Frequer 3.983000000	
1 Spectrum Scale/Div 10 d Log	v B		ef LvI Offset 34. ef Level 34.50 d			81 004 GHz 32.531 dBm	Span 4.00000000 M Swept Spa Zero Span	an
24.5							Full Spar	
4.50							Start Freq 3.981000000	GHz
-5.50						DL1 -13.00 dBm	Stop Freq 3.985000000	GHz
15.5							AUTO TUI CF Step	NE
35.5 MMMMMM	www.common.common.com	MARAMANA MA	With the Manufacture of the State of the Sta			RMS	400.000 kHz Auto Man	
.45.5							Freq Offset 0 Hz	
Start 3.981000 Res BW 510 F			#Video BW 2.0 I	MHz		op 3.985000 GHz I.01 s (1001 pts)	X Axis Scale Log Lin	Local
15		Jul 08, 2024 1:36:30 PM					Signal Track (Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_1RB(2)



1 Spectrum Ref Lvl Offset 34.50 dB Mkr1 3.985 23 GHz 115.00000 MHz Scale/Div 10 dB Ref Level 34.50 dBm -30.203 dBm Swept Span 24.5 Image: Start Freq Start Freq Start Freq 4.50 Image: Start Freq Start Freq Start Freq 5.50 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq 15.5 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq 15.5 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq 15.5 Image: Start Freq Start Freq Start Freq 15.5 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq 16.5 Image: Start Freq Start Freq Start Freq	Swept SA KEYSIGHT Input: RF R L +++ Goupling: DC Align: Auto	Input Z: 50 Ω #Atten: 20 dB Corr CCorr Preamp: Off Freq Ref: Int (S) NFE: Adaptive	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A WW WW W A A A A A A	4.042500000 GHZ	Settings
4.5	cale/Div 10 dB				Swept Span	
1.50 0	4.5				Start Freq	
5.5 RMS Auto MAz	.50			DL1 -13.00 dBm	4.10000000 GHz	
	5.5 Contraction of the second			RMS	11.500000 MHz	
5.5 art 3.98500 GHz #Video BW 3.0 MHz Stop 4.10000 GHz es BW 1.0 MHz #Sweep 1.00 s (1001 pts)	5.5 art 3.98500 GHz	#Video BW 3.0	MHz		X Axis Scale	Loca

n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_FullRB(3)



Spectrum Analy Swept SA		+ Input Ζ: 50 Ω	#Atten: 20 dB	PNO Fast	#A	Frequency	
KEYSIGHT RL ++- M	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Preamp: Off	Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run A WW WW A A A A A	4.042500000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	¥ B		Ref LvI Offset 34. Ref Level 34.50 d		Mkr1 3.985 23 GH -39.223 dB		
24.5						Full Span	
4.50						Start Freq 3.985000000 GHz	
5.50					DL1 -13.00 dl	Stop Freq 4.100000000 GHz	
25.5						AUTO TUNE CF Step	
35.5 1					Ri	11.500000 MHz Auto Man	
45.5 55.5						Freq Offset 0 Hz	
tart 3.98500 0 Res BW 1.0 N			#Video BW 3.0	MHz	Stop 4.10000 G #Sweep 1.00 s (1001 p	Hz X Axis Scale Log Lin	Local
1		? Jul 08, 2024 1:37:02 PM	ÐA			Signal Track (Span Zoom)	

n77(3700~3980 MHz)_10 M_Band Edge_High_BPSK_1RB(3)



Spectrum Analyze Swept SA	er 1	+					₽	Frequency	一湯
	nput: RF Soupling: DC Nign: Auto		#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off		2 3 4 5 6	Center Freq 3.7000000		Settings
1 Spectrum Scale/Div 10 dB	•		ef LvI Offset 34 of Level 34.50 c		Mkr1 3.699 9 -18.8	68 GHz 10 dBm	Span 4.0000000 Swept Zero S	Span	
24.5						RMS	Full S		
4.50				A Statistic Statistics			3.6980000 Stop Freq 3.7020000		
15.5		للشريبين		NUMPER PROPERTY AND A DESCRIPTION OF A D	0	1 -13.00 dBm	AUTO CF Step	TUNE	
35.5 45.5							400.000 k⊢ Auto Man	Iz	
55.5							Freq Offset 0 Hz		Local
enter 3.700000 Res BW 360 kH		141.09.0004	#Video BW 1.2	MHz	#Sweep ~1.01 s	4.000 MHz (1001 pts)	X Axis Scale Log Lin		Local
- n r		1:38:55 PM					Signal Track (Span Zoom)		

n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_FullRB(1)



RL ↔		H Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run A WW WW A A A A A	3.700000000 GHz	Settings
x7 I Spectrum Scale/Div 10 d	B	F	ef LvI Offset 34. ef Level 34.50 d	.50 dB	Mkr1 3.699 996 GH -34.354 dBi	Span 2 4.00000000 MHz	
14.5				pot	and the second s	Full Span Start Freq 3.698000000 GHz	
4.50 5.50 15.5				and a second	DL1-13.00 dB	Stop Freq 3.702000000 GHz	
35.5			nikamananan 1	,1 ¹⁰	Nitra Carlos Car		
45.5 55.5 enter 3.70000		eolentennen tabetennen	#Video BW 100	kHz	Span 4.000 Mł	Freq Offset 0 Hz X Axis Scale	Loca
		Jul 08, 2024 1:40:38 PM			#Sweep ~1.01 s (1001 pt	s) Lin	

n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_1RB(1)



	Input: RF Coupling: DC Align: Auto	Γ Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS Trig: Free Run	1 2 3 4 5 6 A WW WW W A A A A A A A	3.69700	Frequency 0000 GHz	Settings
1 Spectrum Scale/Div 10 dE	3		ef LvI Offset 34.5 ef Level 34.50 dB		Mkr1 3.698 -25	976 GHz .041 dBm	Swe	000 MHz ept Span o Span	
24.5 14.5 4.50							Start Fre	ull Span q 10000 GHz	
5.50						DL1 -13.00 dBm		q 10000 GHz TO TUNE	
							CF Step 400.000 Auto Mar)	
5.5							Freq Off 0 Hz X Axis S	set	Loca
tart 3.695000 0 Res BW 510 ki		Jul 08, 2024	#Video BW 2.0 N	/Hz	Stop 3 #Sweep ~1.01	699000 GHz s (1001 pts)	Log	ack	

n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_FullRB(2)



Spectrum Analy Swept SA	/zer 1	F					Frequenc	y y 🔛
RL +++	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Pov Trig: Free Run	wer (RMS 1 2 3 4 5 6 A WW WW W A A A A A A A	Center Frequency 3.697000000 GHz	Settings
1 Spectrum Scale/Div 10 d	, B		ef LvI Offset 34. ef Level 34.50 d		Mkr1	3.698 964 GHz -32.567 dBm	Span 4.00000000 MHz Swept Span Zero Span	
24.5							Full Span	
4.50							Start Freq 3.695000000 GHz Stop Freq	
-5.50						DL1 -13.00 dBm	3.699000000 GHz	
-25.5						R.	CF Step 400.000 kHz	
-35.5 -45.5							Auto Man Freq Offset	
-55.5							0 Hz X Axis Scale	Local
Start 3.695000 #Res BW 510 k		Jul 08, 2024	#Video BW 2.0 I	MHz	#Swee	Stop 3.699000 GHz ap ~1.01 s (1001 pts)	Log Lin Signal Track (Span Zoom)	

n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_1RB(2)



Span			H Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS Trig: Free Run	8 <mark>123456</mark> Awwwww AAAAAA	Center Free 3.5975000		Settings
14.5 Start Freq 4.50 Start Freq 5.50 DL1-13.00 dbm 15.5 DL1-13.00 dbm 25.5 CF Step 35.5 AUTO TUNE 550 Freq Offset 15.5 Freq Offset 15.5 Freq Offset 15.5 Yakis Scale	1 Spectrum Scale/Div 10 dB							195.00000 Swept	Span	
5.50 OL1-13 00 dBm Stop Freq 3.695000000 GHz 15.5 OL1-13 00 dBm AUTO TUNE 25.5	14.5							Start Freq		
35 5 19.500000 MHz 45 6 Man 55 5 1000000000000000000000000000000000000	5.50						DL1 -13.00 dBm	3.6950000		
45.5 55.5 X Axis Scale							, 1	CF Step 19.500000		
A AND SCALE		5 - 4	an a				and the second s	Freq Offset		
start 3.50000 GHZ #Video BW 3.0 MHZ Stop 3.69500 GHZ Log gRes BW 1.0 MHZ #Sweep 1.00 s (1001 pts) Lin Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ Image: Stop 3.69500 GHZ Log Image: Stop 3.69500 GHZ	Start 3.50000 GH Res BW 1.0 MH	lz		#Video BW 3.0	MHz	#Sweep 1.00	3.69500 GHz 0 s (1001 pts)	Log Lin		Local

n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_FullRB(3)



KEYSIGHT Input: RF RL Input: RF Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RM Trig: Free Run	S <mark>123456</mark> AWWWWW AAAAAA	Center Fre 3.597500		Settings
Spectrum v cale/Div 10 dB		Ref LvI Offset 34 Ref Level 34.50 d		Mkr1 3.694 -31	415 GHz .516 dBm	100.0000	t Span	
4.5						Full	Span	
1.50						Start Freq 3.500000	000 GHz	
					DL1 -13.00 dBm	Stop Freq 3.695000	000 GHz	
5.5							TUNE	
5.5					R	CF Step 19.50000	0 MHz	
5.5						Auto Man		
5.5						Freq Offse 0 Hz	t	
art 3.50000 GHz les BW 1.0 MHz		#Video BW 3.0	MHz	Stop #Sweep 1.00	3.69500 GHz 0 s (1001 pts)	X Axis Sca Log Lin	le	Loca
1 n c -	? Jul 08, 2024 1:41:43 PM	\odot				Signal Tra (Span Zoon		

n77(3700~3980 MHz)_15 M_Band Edge_Low_BPSK_1RB(3)



Spectrum Analyzer 1	+			Frequency	/ 「影
KEYSIGHT Input: RF RL ↔ Coupling: DC Align: Auto	Input Z: 50 Ω #Atten Corr CCorr Pream Freq Ref: Int (S) NFE: Adaptive	20 dB PNO: Best Wide p: Off Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run AWWWW A A A A A A	Center Frequency 3.980000000 GHz	Settings
1 Spectrum v Scale/Div 10 dB	Ref Lvi	Offset 34.50 dB el 34.50 dBm	Mkr1 3.980 02 GHz -29.728 dBm	10.0000000 11112	
24.5				Full Span	
4.50 minimum and a second	ununununununununun			Start Freq 3.975000000 GHz	
-5.50			DL1-13.00 dBm	Stop Freq 3.985000000 GHz	
-25.5	Porting.	1	RMS MUMANIANANANANANANANANANANANANANANANANANAN	AUTO TUNE CF Step 1.000000 MHz	
-35.5					
-55.5				Freq Offset 0 Hz X Axis Scale	Local
Center 3.980000 GHz #Res BW 360 kHz	- IN 08 2024	9 BW 1.2 MHz	Span 10.00 MHz #Sweep ~1.01 s (1001 pts)	Log Lin	
	? Jul 08, 2024 1:47:27 PM			Signal Track (Span Zoom)	

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_FullRB(1)



Spectrum Analyzer 1 Swept SA	+				Frequency	· • 😹
KEYSIGHT Input: RF RL +++ Coupling: DC Align: Auto		en: 20 dB PNO: Be imp: Off Gate: Of IF Gain: Sig Traci	f Trig: Free Run Low	A WW WW W A A A A A A	Center Frequency 3.980000000 GHz	Settings
1 Spectrum v Scale/Div 10 dB		l Offset 34.50 dB vel 34.50 dBm	Mkr1	3.980 00 GHz -36.814 dBm	Span 10.0000000 MHz Swept Span Zero Span	
24.5					Full Span	
4.50	pro pro				Start Freq 3.975000000 GHz Stop Freq	
-5.50					3.985000000 GHz	
-25.5		1			CF Step 1.000000 MHz	
-55.5	and chapter and the second second	And had to a fact of the state	and the office of the second	RMS	Auto Man Freq Offset	
-55.5		eo BW 100 kHz	and an of the second of the se		0 Hz X Axis Scale	Local
	? Jul 08, 2024		#Sweep	~1.01 s (1001 pts)	Log Lin Signal Track (Span Zoom)	

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_1RB(1)



Spectrum Analyz Swept SA		+	-1			0	Frequency	- 1 器
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 Trig: Free Run A WWW A A A A	₩₩ 3.9 A A A	nter Frequency 883000000 GHz	Settings
Spectrum	в		tef Lvi Offset 34. tef Level 34.50 d		Mkr1 3.984 820 -28.518 c		an 00000000 MHz Swept Span Zero Span	
24.5						Ē	Full Span	
4.50						3.9	rt Freq 981000000 GHz	
5.50					DL1-13.0	3.9	p Freq 85000000 GHz	
25.5		www.ususitere					AUTO TUNE Step 0.000 kHz	
35.5			1) 1/11 11 11 11 11 11 11 11 11 11 1	******	1999-1999 (1999-1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (199	40	Auto Man	
55.5						0 F		Local
start 3.981000 Res BW 510 k			#Video BW 2.0	MHz	Stop 3.985000 #Sweep ~1.01 s (100) GHz	xis Scale Log Lin	Local
1 5		Jul 08, 2024 1:48:00 PM	\square				nal Track an Zoom)	

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_FullRB(2)



Swept SA KEYSIGHT RL +>-+		H Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4) Trig: Free Run	3.983000000 GHz	Settings
Spectrum Scale/Div 10 d	B		Ref LvI Offset 34. Ref Level 34.50 d		Mkr1 3.981 004 G -33.912 dE	HZ 4.00000000 MHz	
24.5						Full Span Start Freq	
1.50 5.50 15.5					DL1-13.00 4	3.981000000 GHz Stop Freq 3.985000000 GHz	
^{5.5}	111111111111111111111111111111111111111	100000000000000000000000000000000000000	****	Mentifeleterstanderstanders eine trei wie	nenszeneterreteretelejőrenninenete receptereneneterete	CF Step 400.000 kHz	
5.5						Freq Offset 0 Hz X Axis Scale	Loca
tart 3.981000 Res BW 510 I		Jul 08, 2024 1:49:43 PM	#Video BW 2.0	MHZ	Stop 3.985000 0 #Sweep ~1.01 s (1001 p		

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_1RB(2)



Swept SA KEYSIGHT Input R L ↔ Align:	ing: DC Corr CCorr		PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run A WW WW A A A A A	4.042500000 GHz	Settings
Spectrum cale/Div 10 dB	•	Ref LvI Offset 34 Ref Level 34.50 d		Mkr1 3.985 23 GH -27.785 dBr	110.000000 11112	
14.5 					Full Span Start Freq 3.985000000 GHz	
5.5				OL1 -13 00 dB	M AUTO TUNE	
15.5 1				RM	CF Step 11.500000 MHz Auto Man	
5.5 5.5 art 3.98500 GHz		#Video BW 3.0	МН7	Stop 4.10000 GF	Freq Offset 0 Hz X Axis Scale	Loca
	Jul 08, 2024 1:48:33 PM		111712	#Sweep 1.00 s (1001 pt		

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_FullRB(3)



Spectrum Analy Swept SA		+				Frequency	「影
KEYSIGHT RL +►+ ™	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS123456 Trig: Free Run A WW WWW A A A A A A	4.042500000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	₹ B		Ref LvI Offset 34. Ref Level 34.50 d		Mkr1 3.985 58 GH -35.404 dBn	110.000000 11112	
24.5						Full Span Start Freg	
4.50						3.985000000 GHz Stop Freq	
-5.50					DL1 -13.00 dBr	4.10000000 GHz	
25.5						CF Step 11.500000 MHz	
45.5					RMS	Man	
-55.5						Freq Offset 0 Hz X Axis Scale	Local
Start 3.98500 0 #Res BW 1.0 N		Lui 09, 2024	#Video BW 3.0	MHz	Stop 4.10000 GH #Sweep 1.00 s (1001 pts	z Log Lin	
う		? Jul 08, 2024 1:50:16 PM			👪 🔛 🖂 🔀	Signal Track (Span Zoom)	

n77(3700~3980 MHz)_15 M_Band Edge_High_BPSK_1RB(3)



Spectrum Analy Swept SA	zer 1	+	3			St. 155 - 111 - 11		Frequency	- 1器
	Input. RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	Gate: IF Gai	#Avg Type: Pow Trig: Free Run	rer (RMS <mark>123456</mark> A WW WW W A A A A A A A	3.7000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 di Log	в		ef LvI Offset 3 ef Level 34.50		Mkr1	3.699 984 GHz -21.284 dBm	Sv	00000 MHz vept Span ro Span	
24.5						BMS		- ⁼ull Span	
4.50 5.50							Stop Fi	000000 GHz eq 000000 GHz	
25.5	****					DL1 -13.00 dBm	CF Ste	all an ann an	
35.5 45.5				lilla.tu			AL Ma	an	
55.5	0.647		#Video BW 1.	2 MHz		Span 4.000 MHz	Freq O 0 Hz X Axis	Scale	Local
#Res BW 360 k		Jul 08, 2024 1:52:10 PM		2111112	#Swee	p ~1.01 s (1001 pts)	Li Li Signal (Span Z	n Track	

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_FullRB(1)



Spectrum Analyzer 1	-					₽	Frequency	- *
KEYSIGHT Input: RF R L ↔ Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off		2 3 4 5 6	Center Fred 3.7000000		Settings
1 Spectrum v Scale/Div 10 dB Log		ef LvI Offset 34. ef Level 34.50 d		Mkr1 3.699 9 -37.5	88 GHz 06 dBm	Span 4.0000000 Swept Zero S	Span	
24.5				patraktratinan,		Full S Start Freq 3.6980000		
4.50			and the second sec		L1 -13.00 dBm	3.8980000 Stop Freq 3.7020000		
25.5			AND THE REAL PROPERTY OF		RMS	AUTO CF Step 400.000 kH		
35.5 45.5 55.5	ujedapitetijen dinendi	NAME AND A DESCRIPTION OF THE	ffin ^{ar.}			Auto Man Freq Offset		
-55.5 Center 3.700000 GHz #Res BW 30 kHz		≇Video BW 100		Span #Sweep ~1.01 s	4.000 MHz (1001 pts)	0 Hz X Axis Scale Log Lin	e	Local
 	Jul 08, 2024 1:53:52 PM					Signal Traci (Span Zoom)		

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_1RB(1)



Spectrum Analy Swept SA	/zer 1	+	2			S-1-1	₽	Frequency	 ▼ \$\$\frac{\$\$^1\$}{\$^1\$}\$
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power Trig: Free Run	(RMS123456) A WWWWW A A A A A A A	Center Fre 3.697000		Settings
1 Spectrum Scale/Div 10 d	B		ef LvI Offset 34.5 ef Level 34.50 de			698 900 GHz -22.540 dBm	Span 4.000000 Swep Zero	ot Span	
24.5							Ful	l Span	
4.50							Start Freq 3.695000 Stop Freq	000 GHz	
-5.50						DL1 -13.00 dBm	3.699000 AUT	000 GHz	
-25.5							CF Step 400.000 I	кНz	
							Auto Man Freq Offse	et	
Start 3.695000			#Video BW 2.0 N	ИНz		top 3.699000 GHz	0 Hz X Axis Sca Log	ale	Local
	<u>م</u>	? Jul 08, 2024 1:52:43 PM			#Sweep	~1.01 s (1001 pts)	Signal Tra (Span Zoor		

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_FullRB(2)



Span Span Span Span 1 Spectrum Ref Lvi Offset 34.50 dB Mkr1 3.698 980 GHz 3.0000000 MHz Scale/Div 10 dB Ref Lvi Offset 34.50 dBm -31.678 dBm Swept Span 24.5 -31.678 dBm Start Freq 3.695000000 GHz 4.50 -550 -01.1300 dBm Start Freq 5.50 -01.1300 dBm Start Freq 3.699000000 GHz -550 -01.1300 dBm -01.1300 dBm Start Freq 3.699000000 GHz -01.1300 dBm -01.1300 dBm Start Freq 3.699000000 GHz -01.1300 dBm -01.1300 dBm -01.1300 dBm -555 -01.1300 dBm -01.1300 dBm -01.1300 dBm -01.1300 dBm -555 -01.1300 dBm -01.1300 dBm -01.1300 dBm -01.1300 dBm -01.1300 dBm -555 -01.1300 dBm <	Swept SA KEYSIGHT RL +++	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (Trig: Free Run	(RMS <mark>123456</mark> A WW WW W A A A A A A A	Center Free 3.6970000		Settings
14.5	Scale/Div 10 d							4.0000000	Span	
5.50 OLI-13.00 dBm Stop Freq 15.5 OLI-13.00 dBm AUTO TUNE 25.5 CF Step Auto 35.5 CF Step Auto 45.5 CF Step Auto 55.5 CF Step Auto Freq Offset OLI-13.00 dBm Freq Offset 0.10 CF Step Auto Man Freq Offset OLI-13.00 dBm	14.5							Start Freq		
400.000 kHz 400.000 kHz 1555 555	5.50						DL1 -13.00 dBm	3.6990000		
55.5	35.5							400.000 kH ■ Auto	Iz	
tart 3.695000 GHz #Video BW 2.0 MHz Stop 3.699000 GHz Log Res BW 510 kHz #Sweep ~1.01 s (1001 pts)	55.5 tart 3.695000	GHz				St	op 3.699000 GHz	0 Hz X Axis Scale Log		Loca

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_1RB(2)



Spectrum Analy Swept SA		+				Frequenc	y ,
KEYSIGHT RL +→ ⊠	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run	3.597500000 GHz	Settings
1 Spectrum Scale/Div 10 dl Log	в	F	Ref LvI Offset 34. Ref Level 34.50 d	.50 dB	Mkr1 3.692 270 GH -23.341 dBr	100.000000 1111 12	
24.5						Full Span	
4.50						Start Freq 3.50000000 GHz Stop Freq	
-5.50					DL1 -13.00 dB	3.695000000 GHz AUTO TUNE	
25.5 35.5						CF Step 19.500000 MHz	
45.5		an a		******		Man Freq Offset 0 Hz	
Start 3.50000 G Res BW 1.0 M			#Video BW 3.0	MHz	Stop 3.69500 GF #Sweep 1.00 s (1001 pt	X Axis Scale	Local
 	C 🗌	? Jul 08, 2024 1:53:15 PM	ÐA			Signal Track (Span Zoom)	

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_FullRB(3)



Spectrum Analyz Swept SA		+ Input Z: 50 Ω	#Atten: 20 dB	PNO: Fast	#Avg Type: Power (RMS	12 24 56	‡	Frequency	(1 😤
21	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Preamp: Off	Gate: Off IF Gain: Low Sig Track: Off	Ing: Free Run	A WW WW W A A A A A A A	and the second s	equency 000 GHz	Settings
Spectrum cale/Div 10 dE	¥ 3		Ref Lvi Offset 34. Ref Level 34.50 d		Mkr1 3.691 -32.	880 GHz 161 dBm	Span 195.0000 Swer	00 MHz It Span	
.og			Ť.				Zero		
14.5							Start Freq		
						DL1 -13.00 dBm	Stop Freq 3.695000	000 GHz	
5.5						OCT-13.00 GDM		DTUNE	
35.5						R.	CF Step 19.50000	0 MHz	
15.5	and a strategic and an					The last the second	Auto Man		
55.5							Freq Offse 0 Hz		
tart 3.50000 G Res BW 1.0 M			#Video BW 3.0	MHz	Stop 3 #Sweep 1.00	8.69500 GHz s (1001 pts)	X Axis Sc Log Lin	ale	Local
15		Jul 08, 2024 1:54:57 PM	\mathbb{D}				Signal Tra (Span Zoor		

n77(3700~3980 MHz)_20 M_Band Edge_Low_BPSK_1RB(3)



Spectrum Analy. Swept SA	zer 1	+					\$	Frequency	- 湯
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RM: Trig: Free Run	S <mark>123456</mark> AWWWWW AAAAAA	3.98000	requency 0000 GHz	Settings
1 Spectrum Scale/Div 10 di Log	B		ef LvI Offset 34 ef Level 34.50 c		Mkr1 3.98 -27	30 01 GHz .006 dBm	Swe	000 MHz pt Span 9 Span	
24.5 14.5							Start Fre	ill Span q 0000 GHz	
4.50 -5.50 -15.5			A.			DL1 -13.00 dBm		0000 GHz	
-25.5						RMS	CF Step 1.00000		
-45.5							Auto Man Freq Offs 0 Hz	ĩ	
Center 3.98000 #Res BW 360 k			#Video BW 1.2	MHz	#Sweep ~1.0	an 10.00 MHz 1 s (1001 pts)	X Axis So Log Lin	distant in the second se	Local
1 5 (Jul 08, 2024 2:00:42 PM					Signal Tr (Span Zoo		

n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_FullRB(1)



Spectrum Analyze Swept SA		Þ				Frequenc	y • 🔛
	nput: RF Coupling: DC Nign: Auto		#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A WW WW W A A A A A A	3.36000000 GHz	Settings
1 Spectrum Scale/Div 10 dB	•		f Lvl Offset 34. f Level 34.50 d		Mkr1 3.980 01 GHz -40.651 dBm	10.0000000 11112	
24.5						Full Span	
4.50		نم 	49n			3.975000000 GHz Stop Freq	
-5.50					DL1 -13.00 dBm	3.985000000 GHz AUTO TUNE	
-25.5						CF Step 1.000000 MHz Auto	
-45.5	putayananintationation	NORTHER POST OF THE POST OF TH		and and all and a second and a se	RMS	Man	
Center 3.980000 #Res BW 30 kHz	GHz		∜Video BW 100		Span 10.00 MHz #Sweep ~1.01 s (1001 pts	X Axis Scale	Local
1	⊴ [] ?	Jul 08, 2024 2:02:25 PM				Signal Track (Span Zoom)	

n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_1RB(1)



Spectrum Analy Swept SA		+	- 2				Ç F	requency	· [#
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Pow Trig: Free Run	ver (RMS <mark>123456</mark> A WW WW W A A A A A A A	Center Freque 3.983000000	Set	ttings
1 Spectrum Scale/Div 10 dl	в		tef Lvi Offset 34. tef Level 34.50 d		Mkr1	3.981 584 GHz -27.908 dBm	Span 4.00000000 f Swept Sp Zero Spa	ban	
24.5							Full Sp.	an	
4.50							Start Freq 3.981000000	GHz	
-5.50						DL1 -13.00 dBm	Stop Freq 3.985000000	GHz	
25.5	<u>_1</u>						AUTO TU	JNE	
			1797 #1491.0997 ##1481.480 ¥1490	An	1971) Markana ang ang ang ang ang ang ang ang ang	RMS WWWWWWWWWWWWW	400.000 kHz Auto Man		
55.5							Freq Offset 0 Hz		last
Start 3.981000 #Res BW 510 k			#Video BW 2.0	MHz	#Swee	Stop 3.985000 GHz p ~1.01 s (1001 pts)	X Axis Scale Log Lin		Local
ר ד		Jul 08, 2024 2:01:15 PM	\square				Signal Track (Span Zoom)		

n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_FullRB(2)



Spectrum Analy Swept SA	vzer 1	+			-	Frequenc	y - • 💦
KEYSIGHT RL ++-	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4) Trig: Free Run	3.983000000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	₹ B		ef LvI Offset 34. ef Level 34.50 d		Mkr1 3.981 004 G -36.488 dE	4.0000000 1011 12	
24.5						Full Span	
4.50						Start Freq 3.981000000 GHz	
-5.50					DL1 -13.00 (
25.5						AUTO TUNE CF Step	
-35.5	1976-00-10-17-17-18-18-18-18-18-18-18-18-18-18-18-18-18-	ganger and a special and a special special special special spectra spe	aranan mananan mananan manana mana	وملاء معاقدة بعد الأليا أبدا إعلالهموال	האונוליקויקייקייקייקייקייקייקייקייקייקייקייקיי	400.000 kHz MS Auto Man	
.55.5						Freq Offset 0 Hz	
Start 3.981000 #Res BW 510 #			#Video BW 2.0 I	MHz	Stop 3.985000 0 #Sweep ~1.01 s (1001 p		Local
ר ד	2	? Jul 08, 2024 2:02:58 PM	Δ			Signal Track (Span Zoom)	1

n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_1RB(2)



KEYSIGHT Input: RF RL Input: RF Align: Auto	Linput Z: 50 Ω #Atten: 2 C Corr CCorr Preamp: Freq Ref: Int (S) NFE: Adaptive		#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run A WWWWW A A A A A A	4.042500000 GHz	Settings
Spectrum v cale/Div 10 dB	Ref Lvi Of Ref Level	fset 34.50 dB 34.50 dBm	Mkr1 3.987 19 GHz -28.428 dBm	Span 115.00000 MHz Swept Span Zero Span	
4.5				Full Span Start Freq 3.985000000 GHz	
5.5			DL1-13.00 dBm	Stop Freq 4.10000000 GHz AUTO TUNE	
5.5			RMS	CF Step 11.500000 MHz Auto Man	
5.5 art 3.98500 GHz	#Video E	W 3.0 MHz	Stop 4.10000 GHz	Freq Offset 0 Hz X Axis Scale Log	Loca
Res BW 1.0 MHz	Jul 08, 2024 2:01:48 PM		#Sweep 1.00 s (1001 pts)	Lin Signal Track (Span Zoom)	

n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_FullRB(3)



		+ Input Z: 50 Ω Corr CCorr Freq Ref. Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 Trig: Free Run A A A A A	4.042500000 GHz	 Settings
1 Spectrum Scale/Div 10 dE Log			Ref LvI Offset 34. Ref Level 34.50 d	.50 dB	Mkr1 3.987 99 GH -36.013 dB	Span 12 115.000000 MHz	
14.5 4.50 -5.50						Start Freq 3.985000000 GHz Stop Freq 4.10000000 GHz	
15.5 25.5 35.5					DL1-13.00 d	AUTO TUNE CF Step 11.500000 MHz	
45.5					R	Man Freq Offset 0 Hz	Local
Start 3.98500 GI #Res BW 1.0 Mi	lz	Jul 08, 2024 2:03:31 PM	#Video BW 3.0	MHz	Stop 4.10000 G #Sweep 1.00 s (1001 p	Hz Log Lin Signal Track (Span Zoom)	Local

n77(3700~3980 MHz)_20 M_Band Edge_High_BPSK_1RB(3)



Spectrum Analy Swept SA	/zer 1	F	a				\$	Frequency	- 影
REYSIGHT	Input: RF Coupling: DC Align: Auto		#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off		456 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	3.7000	Frequency 00000 GHz	Settings
1 Spectrum Scale/Div 10 d	₹ B		ef LvI Offset 34.9		Mkr1 3.699 980 -24.691		Sw	0000 MHz rept Span ro Span	
24.5						50.00	F Start Fr	iull Span	
4.50						RMS	Stop Fr	00000 GHz eq 00000 GHz	
-15.5			1		13. UUT -13	<u>. 26. slot</u> e	CF Step	Maria and a second s	
							400.00 Au Ma	to in	
-55.5			≠Video BW 1.2 M	MHz	Span 4.00		0 Hz X Axis S Lo	Scale	Local
#Res BW 360	кнz С ^о	Jul 08, 2024 2:05:25 PM			#Sweep ~1.01 s (10)	01 pts)	Signal 1 (Span Ze	rack	

n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_FullRB(1)



Scale/Div 10 dB Ref Level 34.50 dBm -39.406 dBm Log	Frequency 70000000 GHz	Settings
4.5 .50 .50 .55 .55 .55 .55 .55	an 00000000 MHz Swept Span Zero Span	
5.50 5.5 5.5 5.5	Full Span art Freq 698000000 GHz	
	op Freq 702000000 GHz AUTO TUNE	
5.5 physiolity and the second	⁼ Step 00.000 kHz Auto Man	
	eq Offset	Loca
enter 3.700000 GHz #Video BW 100 kHz Span 4.000 MHz Res BW 30 kHz #Sweep ~1.01 s (1001 pts)	Log Lin	

n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_1RB(1)



Spectrum Analy Swept SA	/zer 1	+	-				\$	Frequency	- 1 😤
KEYSIGHT	Input. RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS Trig: Free Run	5 <mark>123456</mark> AWWWWW AAAAAA	3.69700	requency 0000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	B		tef LvI Offset 34.4 tef Level 34.50 df		Mkr1 3.698 -25	968 GHz .710 dBm	Swe	000 MHz pt Span Span	
24.5							Start Fre	ıll Span q 0000 GHz	
4.50 -5.50 -15.5						DL1 -13.00 dBm	Stop Fre 3.69900	q 0000 GHz	
-25.5						R	CF Step 400.000	kHz	
-45.5							Auto Mar Freq Off: 0 Hz		
Start 3.695000 #Res BW 510 k			#Video BW 2.0 M	MHz	Stop 3 #Sweep ~1.01	3.699000 GHz I s (1001 pts)			Local
1		Jul 08, 2024 2:05:58 PM					Signal Tr (Span Zor		

n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_FullRB(2)



Spectrum Analy Swept SA	/zer 1	+					\$	Frequency	- 7 😤
KEYSIGHT RL +++	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (F Trig: Free Run	RMS123456 A WW WW W A A A A A A A	Reader States and Address	equency 1000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	Ŧ		ef Lvi Offset 34.5 ef Level 34.50 de			99 000 GHz 33.405 dBm		000 MHz ot Span Span	
24.5								l Span	
4.50							CONTRACTOR	0000 GHz	
-5.50						DL1 -13.00 dBm		0000 GHz	
25.5						R.1	AUT CF Step 400.000		
6 1 E 1 E 1 E 2 E					a construction of the first of		Auto Man		
-55.5							Freq Offse 0 Hz X Axis Sc		Local
Start 3.695000 #Res BW 510 P			#Video BW 2.0 N	ЛНz	#Sweep ~1	op 3.699000 GHz I.01 s (1001 pts)	Log Lin		
しつ		? Jul 08, 2024 2:07:41 PM					Signal Tra (Span Zoor		

n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_1RB(2)



Spectrum Analy Swept SA	Input: RF	+ Input Ζ: 50 Ω	#Atten: 20 dB	PNO: Fast	#Avg Type. Power (RMS 1 2 3 4 5	Frequency	
RL ++++	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Preamp: Off	Gate: Off IF Gain: Low Sig Track: Off	Trig: Free Run	3.597500000 GHz	Settings
1 Spectrum Scale/Div 10 di Log	₹ B		Ref LvI Offset 34 Ref Level 34.50 d		Mkr1 3.688 955 GH -26.682 dBr	Z 195.000000 MHz	
24.5						Zero Span Full Span	
4.50						Start Freq 3.50000000 GHz	
5.50					DL1 -13.00 dB	Stop Freq 3.695000000 GHz	
15.5 25.5						AUTO TUNE CF Step	
45.5	-				and the second se	19.500000 MHz Auto Man	
55.5					change and Russes and Philosophysical P P	Freq Offset 0 Hz	
tart 3.50000 G Res BW 1.0 M			#Video BW 3.0	MHz	Stop 3.69500 GF #Sweep 1.00 s (1001 pt	X Axis Scale Log Lin	Local
1 ち		? Jul 08, 2024 2:06:30 PM	\mathbb{D}			Signal Track (Span Zoom)	

n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_FullRB(3)



Spectrum Analy. Swept SA		+	-			التعاري المعاري المعار	quency 🔹
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4) Trig: Free Run A WW WA A A A A A	3.597500000 G	
Spectrum cale/Div 10 dl	в		Ref LvI Offset 34. Ref Level 34.50 d		Mkr1 3.687 590 G -28.477 dE	100.000000 101	
24.5						Full Spar	
4.50						Start Freq 3.500000000 G	Hz
5.50					DL1-13.00	Stop Freq 3.695000000 C	iHz
25.5						AUTO TUN	IE
35.5						CF Step 19.500000 MH	z
45.5	han fan en an			••••••••••••••••••••••••••••		Freq Offset	_
55.5						0 Hz X Axis Scale	Local
tart 3.50000 G Res BW 1.0 M			#Video BW 3.0	MHz	Stop 3.69500 0 #Sweep 1.00 s (1001)	SHz Log	
1 5 (2:08:13 PM	\mathbb{D}			Signal Track (Span Zoom)	

n77(3700~3980 MHz)_30 M_Band Edge_Low_BPSK_1RB(3)



Spectrum Analy. Swept SA	zer 1 🔹 🕇	•					\$	Frequency	· • 崇
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Powe Trig: Free Run	r (RMS <mark>123456</mark> AWWWWW AAAAAA	3.9800	Frequency 00000 GHz	Settings
1 Spectrum Scale/Div 10 dB	3	R	ef LvI Offset 34. ef Level 34.50 d	.50 dB	Mkr1	3.980 03 GHz -33.325 dBm	Sv	0000 MHz rept Span ro Span	
24.5								ull Span	
4.50 5.50	nterrenen neren der der der	niteries and a second second					Stop Fr	00000 GHz eq 00000 GHz	
25.5		A MARKAN	Nem. 1			DL1 -13.00 dBm	CF Ste	Second and the second second	
35.5 45.5				Mappininternation	anananananananananan	RMS RNNNN AMPRICACIÓN	Au Ma	in	
55.5 enter 3.98000	0.647		#Video BW 1.2			Span 10.00 MHz	Freq Of 0 Hz X Axis 1	Scale	Local
Res BW 360 k		Jul 08, 2024 2:13:57 PM			#Sweep	~1.01 s (1001 pts)	Lo Lir Signal (Span Zr	r Track	

n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_FullRB(1)



Spectrum Analy Swept SA		+							\$	Frequency	· • 😤
KEYSIGHT RL +→ ™	Input: RF Coupling: DC Align: Auto	Input Z: 5 Corr CCo Freq Ref: NFE: Ada	rr Int (S)	#Atten: 20 dB Preamp: Off	Gate: IF Gai	Best Wide Off n: Low ack: Off	#Avg Type: Pow Trig: Free Run	er (RMS <mark>123456</mark> A WW WW W A A A A A A A	3.9800	Frequency 00000 GHz	Settings
1 Spectrum Scale/Div 10 d	¥ B			ef LvI Offset			Mkr1	3.980 03 GHz -43.721 dBm	Sw	0000 MHz ept Span ro Span	
24.5										ull Span	
4.50			pelat.						3.9750 Stop Fre	00000 GHz ¤q	
15.5			/	l l				DL1 -13.00 dBm		00000 GHz	
25.5 35.5				Ì	1				CF Step 1.0000 Aut	00 MHz	
5.5	anna-stape (1949) (1949)	WITT THE REAL PROPERTY OF THE		Maria and Andrews	ARCESECCESSINGLESSEL	elyfat yw offen yw voye	Likter production is shirter	RMS	Ma Freq Of 0 Hz	n	
enter 3.98000 Res BW 30 kH	0 GHz			#Video BW 1				Span 10.00 MHz p ~1.01 s (1001 pts)	X Axis S Lo	g	Loca
1 じ		Jul 08, : 2:15:40	2024 0 PM						Signal T (Span Zo	rack	

n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_1RB(1)



Coupling: DC Coupl	put Z: 50 Ω #Atten: 20 dB orr CCorr Preamp: Off req Ref. Int (S) FE: Adaptive	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	#Avg Type: Power (RMS 1 2 3 4 5 (Trig: Free Run A & A A A A	3.983000000 GHz	Settings
Spectrum v ale/Div 10 dB	Ref Lvi Offset 3 Ref Level 34.50		Mkr1 3.981 076 GH -33.645 dBn	4.00000000000000	
4.5				Full Span Start Freq 3.981000000 GHz	
50			DL1-13.00 dBr	Stop Freq 3.985000000 GHz	
5.5 1 5.5 millionaria	unananataanaanananananananananananananan	nesnenettertegeneratiete	RMG	CF Step 400.000 kHz	
5.5				Man Freq Offset 0 Hz	Loca
art 3.981000 GHz es BW 510 kHz	#Video BW 2.	0 MHz	Stop 3.985000 GH #Sweep ~1.01 s (1001 pts		Loca

n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_FullRB(2)



L + Coupling DC C Align: Auto Fi	nput Z: 50 Ω #Atten: 20 dB For CCorr Preamp: Off req Ref: Int (S) IFE: Adaptive	PNO: Best Wide #Avg Type: I Gate: Off Trig: Free R IF Gain: Low Sig Track: Off		nter Frequency 983000000 GHz
Spectrum v cale/Div 10 dB	Ref LvI Offset 34.5 Ref Level 34.50 dB	U UB	4 2 004 020 011-	oooooooo MHz Swept Span Zero Span
4.5				Full Span
1.50			3.	art Freq 981000000 GHz 99 Freq
5.50			100 M 100	985000000 GHz
5.5				Step 0.000 kHz
5.5 1 1000 1000 1000 1000 1000 1000 1000 10	10000000000000000000000000000000000000	น-สาราชอาการกันการกันบาลสูงครูเลล	RMS	Auto Man
5.5			01	
art 3.981000 GHz Res BW 510 kHz	#Video BW 2.0 M		Stop 3.985000 GHz veep ~1.01 s (1001 pts)	wis Scale Loc Log Lin

n77(3700~3980 MHz)_30 M_Band Edge_High_BPSK_1RB(2)