

Graph 🔻				Span	
le/Div 10.0 dB	Ref LvI Offse Ref Value 40			160.00 MHz	
	Ref value 40.			CF Step 16.000000 MHz	
0	for the second s	and and a second second second second	~	Auto Man	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			PEAK	Freq Offset 0 Hz	
0					
nter 3.84000 GHz es BW 1.6000 MHz	#Video BW 6	.0000 MHz	Span 160 MHz #Sweep 50.0 ms (1001 pts)		
Occupied Bandwidth 77.391 N	IHz	Total Power	30.4 dBm		
Transmit Freq Error x dB Bandwidth	-191.57 kHz 85.80 MHz	% of OBW Power x dB	99.00 % -26.00 dB		Lo

n77(3700~3980 MHz)_80 M_OBW_Mid_16QAM_FullRB



YSIGHT Input: RF Coupling: DC 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 Avg Hold: 50/3 Radio Std: No		Center Fi 3.84000 Span	requency 0000 GHz	Settings
raph 🔻		Ref LvI Offset 27				160.00 M	ИНz	
le/Div 10.0 dB		Ref Value 40.00 c	1Bm			CF Step 16.0000 Auto Man		
				JAN NOR	PEA	Freq Offs 0 Hz	et	
0 ter 3.84000 GHz s BW 1.6000 MHz		∜Video BW 6.000	0 MHz	#Swe	Span 160 MH ep 50.0 ms (1001 pts			
Occupied Bandwidth) MHz		Total Power		30.0 dBm			
Transmit Freq Error x dB Bandwidth	-135.16 kł 85.82 Mł		% of OBW Pow x dB	ver	99.00 % -26.00 dB			Loc

n77(3700~3980 MHz)_80 M_OBW_Mid_64QAM_FullRB



YSIGHT Input: RF Coupling: DC Align: Auto PASS	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: 3.84000 Avg Hold: 50/50 Radio Std: None	00000 GHz		Frequency 00000 GHz	Settings
raph v		ef LvI Offset 27				160.00	MHz	
		er value 40.00 (CF Step 16.000) 000 MHz	
0		mon				Aut Ma		
0 0 0 0	1			And a start and a start and a start a	PEAK	Freq Off 0 Hz	fset	
ter 3.84000 GHz s BW 1.6000 MHz	. , #	Video BW 6.000	0 MHz	#Sweep 50.	Span 160 MHz .0 ms (1001 pts)			
etrics v Occupied Bandwidth 77.37	'1 MHz		Total Power	27	.9 dBm			
Transmit Freq Error x dB Bandwidth	-260.45 kH 85.75 MH		% of OBW Pow x dB		9.00 % 6.00 dB			Loc

n77(3700~3980 MHz)_80 M_OBW_Mid_256QAM_FullRB





YSIGHT Input: RF ← Coupling: DC Align: Auto		Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 3.840000000 GH Avg Hold: 50/50 Radio Std: None	3.840000000 G	Octurigs
raph 🔹		f Lvi Offset 27			Span 180.00 MHz	
le/Div 10.0 dB	Ret	f Value 40.00 c			CF Step 18.000000 MHz Auto Man	z
					PEAK 0 Hz	
iter 3.84000 GHz is BW 1.8000 MHz	i Vie	deo BW 8.000) MHz	Span 1 #Sweep 50.0 ms (10	80 MHz 001 pts)	
Occupied Bandwidth 87.20	99 MHz		Total Power	31.9 dBm		
Transmit Freq Error x dB Bandwidth	-383.67 kHz 94.90 MHz		% of OBW Pov x dB	ver 99.00 % -26.00 dB		Lo

n77(3700~3980 MHz)_90 M_OBW_Mid_BPSK_FullRB



Spectrum Analyzer 1 Occupied BW	-				\$	Frequency	- ~ []
KEYSIGHT Input: RF R L Coupling: DC Align: Auto		Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 3.84000000 C Avg Hold: 50/50 Radio Std: None	3.	nter Frequency 840000000 GHz	Settings
1 Graph v Scale/Div 10.0 dB		f LvI Offset 27.5 f Value 40.00 dE			Sp 18	an 80.00 MHz	
	Re	r value 40.00 de	sm			Step 3.000000 MHz	
20.0	formation	and a second stand of the second		umn		Auto Man	
0.00 -10.0 -20.0	/			h	PEAK 01	eq Offset Hz	
-30.0							
Center 3.84000 GHz #Res BW 1.8000 MHz	Vi	deo BW 8.0000	MHz	Spar #Sweep 50.0 ms (180 MHz (1001 pts)		
2 Metrics	MHz		Total Power	31.4 dBn	1		
Transmit Freq Error x dB Bandwidth	-380.82 kHz 95.75 MHz		% of OBW Pow x dB	er 99.00 % -26.00 dE			Local
1 つ C 1 ?	Dec 09, 2024 1:17:27 PM				X		

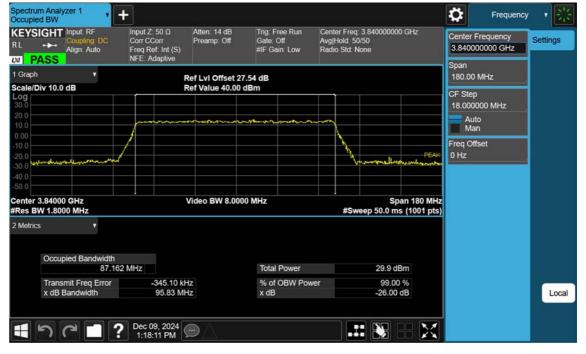
n77(3700~3980 MHz)_90 M_OBW_Mid_QPSK_FullRB



Spectrum Analyzer 1	2							\$	Frequency	- * 尜
KEYSIGHT Input: RF RL PASS	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Avg	er Freq: 3.8 lold: 50/50 o Std: None		GHz	3.84000	Frequency 00000 GHz	Settings
1 Graph ▼		ef LvI Offset 27						Span 180.00	MHz	
Scale/Div 10.0 dB		ef Value 40.00 c	iBm					CF Step 18.000	000 MHz	
20.0	Januar		entronante antique 1970					Aut Mai		
0.00 -10.0 -20.0 -30.0					A more	www.	PEAK	Freq Off 0 Hz	set	
-30.0 -40.0 -50.0										
Center 3.84000 GHz #Res BW 1.8000 MHz		/ideo BW 8.000) MHz		#Sweep		n 180 MHz (1001 pts)			
2 Metrics Cocupied Bandwidth 87.132	2 MHz		Total Power			30.6 dBn	n			
Transmit Freq Error x dB Bandwidth	-270.07 kH 95.98 MH		% of OBW Pow x dB	ver		99.00 % -26.00 dE				Local
1 つ C 2 ?	Dec 09, 2024 1:17:49 PM						X			

n77(3700~3980 MHz)_90 M_OBW_Mid_16QAM_FullRB





n77(3700~3980 MHz)_90 M_OBW_Mid_64QAM_FullRB



YSIGHT Input: RF Coupling: DC Align: Auto	H 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: Avg Hold: 50/ Radio Std: No		3.8400	Frequency 00000 GHz	Settings
iraph 🔹		ef Lvi Offset 27				Span 180.00	MHz	
ale/Div 10.0 dB	R	ef Value 40.00 d	iBm			CF Step 18.000) 000 MHz	
.0		en marine		~~~		Aut Ma		
0 0 0 0 0				- A	PEAK	Freq Of 0 Hz	fset	
.0 .0 .0								
nter 3.84000 GHz es BW 1.8000 MHz	. v	ideo BW 8.000	0 MHz	#Swe	Span 180 MHz eep 50.0 ms (1001 pts)			
Occupied Bandwidth 87.0	49 MHz		Total Power		28.0 dBm			
Transmit Freq Error x dB Bandwidth	-318.93 kH 96.24 MH		% of OBW Pow x dB	ver	99.00 % -26.00 dB			Loc

n77(3700~3980 MHz)_90 M_OBW_Mid_256QAM_FullRB



Spectrum Analyzer 1 Occupied BW						Frequen	oy 🔹 🔛
RL +++ Coupling: DC 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: 3.8400000 Avg Hold: 50/50 Radio Std: None		Center Frequency 3.840000000 GHz	Settings
1 Graph		ef LvI Offset 27				Span 200.00 MHz	
Scale/Div 10.0 dB	- R	ef Value 40.00 c	IBM			CF Step 20.000000 MHz	
20.0	Junior		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Auto Man	
-10.0				have		Freq Offset 0 Hz	
-30.0 -40.0 -50.0							
Center 3.8400 GHz #Res BW 2.0000 MHz	#	/ideo BW 8.000	0 MHz	Sp #Sweep 50.0 m	pan 200 MHz ns (1001 pts)		
2 Metrics V							
Occupied Bandwidth 96.710	MHz		Total Power	31.9 d	IBm		
Transmit Freq Error x dB Bandwidth	-562.06 kH 104.5 MH		% of OBW Pow x dB		0 %		Local
4 h C 1 ?	Dec 09, 2024 1:28:15 PM	\Box					

n77(3700~3980 MHz)_100 M_OBW_Mid_BPSK_FullRB



Spectrum Analyzer 1	}					₽	Frequency	· • 😤
KEYSIGHT RL ↔ Goupling DC Align: Auto		Atten: 14 dB Preamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 3.8 Avg Hold: 50/50 Radio Std: None	40000000 GHz	and the second s	Frequency 00000 GHz	Settings
Graph 🔹	Rei	LvI Offset 27				Span 200.00	MHz	
cale/Div 10.0 dB .og 30.0	Ret	Value 40.00 d	iBm			CF Step 20.000) 000 MHz	.
20.0 10.0 0.00	Junior	and man and a second second		m		Aut Ma		
10.0 20.0	/				PEAK	Freq Of 0 Hz	fset	
30.0 40.0 50.0								
Center 3.8400 GHz Res BW 2.0000 MHz	#Vi	deo BW 8.000	0 MHz	 #Sweep	Span 200 MHz 50.0 ms (1001 pts			
Metrics Y					, , , , , , , , , , , , , , , , , , ,	ĺ		
Occupied Bandwidth								
96.789			Total Power		31.5 dBm			
Transmit Freq Error x dB Bandwidth	-576.71 kHz 106.2 MHz		% of OBW Pow x dB	ver	99.00 % -26.00 dB			Loca
1 つ C 1 ?	Dec 09, 2024 1:28:39 PM							

n77(3700~3980 MHz)_100 M_OBW_Mid_QPSK_FullRB



YSIGHT Input: RF Coupling: DC Align: Auto	Input Ζ: 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	40000000 GHz		requency 00000 GHz	Settings
raph v		ef Lvl Offset 27				200.00	MHz ,	
ale/Div 10.0 dB		tef Value 40.00 o	1Bm			CF Step 20.000	000 MHz	
0		manum	mmase			Aut Ma		
					PEAK	Freq Off 0 Hz	set	
0								
nter 3.8400 GHz es BW 2.0000 MHz		Video BW 8.000	0 MHz	, . #Sweep	Span 200 MH 50.0 ms (1001 pts			
Occupied Bandwidth 96.88	6 MHz		Total Power		30.6 dBm			
Transmit Freq Error x dB Bandwidth	-356.94 kH 105.2 MH		% of OBW Pow x dB	ver	99.00 % -26.00 dB			Loc

n77(3700~3980 MHz)_100 M_OBW_Mid_16QAM_FullRB



YSIGHT Input: RF ← Coupling: DC Align: Auto PASS	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 Avg Hold: 50/5 Radio Std: Nor			Frequency 100000 GHz	Settings
raph ▼ Ie/Div 10.0 dB		Ref LvI Offset 27 Ref Value 40.00				200.00	MHz	
		Ref value 40.00	abm			CF Step 20.000	p 1000 MHz	
0	puna	han a start and a start and a start a st	๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛๛	manen		Au Ma		
0 0 0 0 0 0				- Andrew	PEA	Freq Of 0 Hz	fset	
0								
ter 3.8400 GHz s BW 2.0000 MHz		#Video BW 8.000	00 MHz	#Swee	Span 200 MH p 50.0 ms (1001 pts			
Occupied Bandwidth 96.78	14 MHz		Total Power		30.0 dBm			
Transmit Freq Error x dB Bandwidth	-554.76 kł 105.4 Mł		% of OBW Pov x dB	wer	99.00 % -26.00 dB			Lo

n77(3700~3980 MHz)_100 M_OBW_Mid_64QAM_FullRB



ale/Div 10.0 dE 9 0 .0	3		Ref LvI Offset 27					Span		
	, 							200.00 1	MHz	
			Ref Value 40.00 o	dBm				CF Step 20.0000	000 MHz	
		Januar		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	many			Auto Man		
0 0 0 0	www.				X	h turner	PEAK	Freq Offs 0 Hz	set	
0										
ter 3.8400 GH s BW 2.0000 I		*	Video BW 8.000	0 MHz		#Sweep 50.	Span 200 MHz 0 ms (1001 pts)			
etrics Occupied	v d Bandwidth 96.931 M	MHz		Total Power		28	.1 dBm			
Transmit x dB Ban	Freq Error ndwidth	-283.26 kH 104.7 MH		% of OBW Pow x dB	wer		99.00 % 6.00 dB			Lo

n77(3700~3980 MHz)_100 M_OBW_Mid_256QAM_FullRB



Mkr1 9.172 49 GHz ale/Div 10 dB Ref Level 4.00 dBm -62.51 dBm go 2 1 1 PERF go 2 1 1 1 PERF go 2 1 1 1 PERF go 1 2 1 <th1< th=""> 1 1 1 <th< th=""><th></th><th>Settings</th></th<></th1<>		Settings
0 1 Fill 1 Fill 3 </th <th>Span 9.97000000 GHz Swept Span Zero Span</th> <th></th>	Span 9.97000000 GHz Swept Span Zero Span	
0 1	Full Span	
0	Start Freq 30.000000 MHz	
t 30 MHz Stop 10.000 GHz s BW 1.0 MHz Stop 10.000 GHz arker Table Mode Trace Scale X Y Function Function Width Function Value 1 N 1 f 9.172 49 GHz -62.51 dBm 2 N 1 f 3.698 96 GHz -1.121 dBm	Stop Freq 10.000000000 GHz	
arker Table Y Function Function Width Function Value 95 Mode Trace Scale X Y Function Function Width Function Value Free 1 N 1 f 3.658.96 GHz -1.121 dBm Free	AUTO TUNE	
1 N 1 f 9.172 49 GHz -62.51 dBm	997.000000 MHz	
2 N 1 f 3.698 96 GHz -1.121 dBm	Auto Man	
3	Freq Offset 0 Hz	
4 5 8 8	K Axis Scale Log Lin	Lo

n77(3700~3980 MHz)_10 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB



Spectrum Mikr1 9.750 75 GHz 9.97000000 GHz Scale/Div 10 dB Ref Level 4.00 dBm -62.89 dBm .09 2 -62.89 dBm .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	KEYSIGHT RL +→-• ™	Input: Rf Coupling Align: Au	DC I	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	Trig: Free Run	wer (RMS <mark>1</mark> 234 <mark>5</mark> 6 М ₩₩₩₩₩ Р Р Р Р Р Р	5.0150	Frequency 00000 GHz	Settings
600 72 74 <t< th=""><th>cale/Div 10 c</th><th></th><th></th><th></th><th>,</th><th>dBm</th><th>Mkr</th><th></th><th>Sw</th><th>ept Span</th><th></th></t<>	cale/Div 10 c				,	dBm	Mkr		Sw	ept Span	
1 1 f 9.750 75 GHz -0.2497 dBm -0.2497 dBm Function Width Function Value	6.0				2						
Mode Trace Scale X Y Function Function Width Function Value 1 N 1 9.750 75 GHz -62.89 dBm -62.89 dBm -76.07 Hz -76.07<	46.0							-41	30.000	000 MHz	
Auto Tune Auto Tune Auto MHz Sweep ~18.1 ms (1001 pts) Marker Table Mode Trace Scale X Y Function 1 1 6 9.750 75 GHz 2 N 1 1 3 1 4 2 5 5	6.0	walka walka	panadotation	and a state of the second	anariteter production and the	ness a rand block and block	after marine and a second	andryky all all all all and a second s	and the second second	New York and the second second second	
Mode Trace Scale X Y Function Function Width Function Value 1 N 1 f 9.750 75 GHz -62.89 dBm 2 N 1 f 3.838 54 GHz -0.8497 dBm 3 - - - - - - - - 4 - - - - - - - -	tart 30 MHz	ИНz			#Video BW 3.0	MHz	Sweep				
1 N 1 f 9.750 75 GHz -62.89 dBm 2 N 1 f 3.838 54 GHz -0.8497 dBm Freq Offset 0 Hz 3 -	Marker Table								100000000000000000000000000000000000000		
2 N 1 f 3.838 54 GHz -0.8497 dBm 3 4 5 X Axis Scale	and the second sec	Trace	Scale			Function	Function Width	Function Value	Ma	n	
5 XAxis Scale	2 N	1	f						CONTRACTOR OF STREET	fset	
	4								Lo	g	Loc

n77(3700~3980 MHz)_10 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_10 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB



cale/Div 10 dB 00 00 60 60 60 60 60 60 60	Ander Pold and the Work	¥2	ef Level 4.00 (پ			1 7.996 03 GH -63.70 dBi	Fi Start Free 30.0000	000 MHz	
00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	hadron for the later		have a set of the set			1	Fi Start Fre 30.0000	ull Span eq 000 MHz	
0.0 0.0 0.0 0.0 0.0	haden falson agendaria	-A. C. Verter	har-secont the fight the get the			1	30.000	000 MHz	
0.0 Uniter warman and margin	มูกรูปของรู้เข้าหนึ่งการเสียงได้เกลา	-Augusta	have a state of the second			PEA	K Stop Ere	100	
.0				an and an and a shore and	en la	Ny Manus and Second and a second		eq 000000 GHz	
es BW 1.0 MHz		#\	/ideo BW 3.0	MHz	Swoor	Stop 10.000 GF ~18.1 ms (1001 pt	lz	TO TUNE	
					51166			0000 MHz	
	Scale X	03 GHz	Y -63.70 dBm	Function	Function Width	Function Value	Aut Mai		
1 N 1 2 N 1 3		96 GHz	-1.251 dBm				Freq Off 0 Hz	'set	
4 5 6							X Axis S Loç Lin	3	Loc

n77(3700~3980 MHz)_15 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB



YSIGHT	Input f Couplin Align: /	ng: DC	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: Of	Trig: Free Run	wer (RMS <mark>123456</mark> M WWWWW P P P P P P	5.0150	Frequency 00000 GHz	Settings
pectrum Ile/Div 10 d	IB	•		Ref Level 4.00 c	IBm	Mkr	1 9.770 69 GHz -63.46 dBm	5.0700 Sw	0000 GHz rept Span ro Span	
0 0 0									ull Span	
0								Start Fr 30.000	eq 000 MHz	
0 0	n de la competition d	مىرىلىكىيىتىكى رويى مەركىكىيىتى	wasaan	and for the company of the second s	abaraturtur Maganilya	yang sengentahan pertakan pert	Part- phi-stope-thermony/phytr	Stop Fr 10.000	eq 000000 GHz	
0 t 30 MHz s BW 1.0 I	NH7			#Video BW 3.0	MHz	Sweer	Stop 10.000 GHz > ~18.1 ms (1001 pts)			
arker Table		•				01100			0000 MHz	
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	Ma		
1 N 2 N 3	1	f	9.770 69 GHz 3.828 57 GHz	-63.46 dBm -1.584 dBm				Freq Of 0 Hz	fset	
4 5 6								X Axis S Lo Lir	g	Loc

n77(3700~3980 MHz)_15 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_15 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB





n77(3700~3980 MHz)_20 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB



YSIGHT	Input f Couplin Align: /	ng: DC	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>123456</mark> M WWWW PPPPPP	5.01500	requency 00000 GHz	Settings
oectrum Ile/Div 10 (B	•		Ref Level 4.00 o	jBm	Mkr	1 9.062 82 GHz -62.92 dBm	Swe	0000 GHz ept Span o Span	
0 0 0				2					uli Span	
0 0 0							1		00 MHz	
0 0 b allowertrefterter 0	nan yakana	Nelaipadroham	nien ternen er er ser inner der som er ser in ser er ser ser ser ser ser ser ser ser	and the second	angerty with the standard the	halan hungaran an a	analise in frequencies and		000000 GHz	
rt 30 MHz s BW 1.0 I	MHz			#Video BW 3.0	MHz	Sweep	Stop 10.000 GHz > ~18.1 ms (1001 pts)	CF Step	for an	
arker Table		•						997.000 Aut	0000 MHz	
Mode	Trace	Scale	Х	Y	Function	Function Width	Function Value	Mar	۱	
1 N 2 N 3	1	f	9.062 82 GHz 3.828 57 GHz					Freq Off 0 Hz	set	
4 5 6								X Axis S Log Lin		Loc

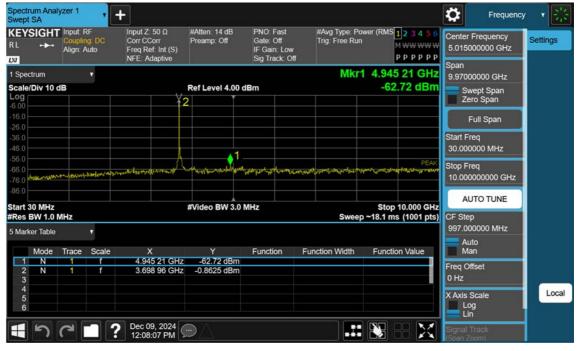
n77(3700~3980 MHz)_20 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_20 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB





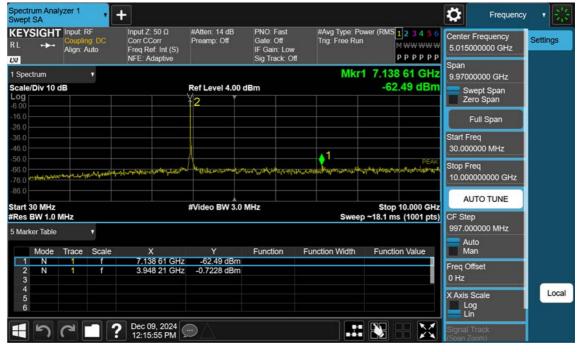
n77(3700~3980 MHz)_30 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB



:YSIGHI -→	Input f Couplin Align: /	ng: DC	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	Tng: Free Run	wer (RMS <mark>123456</mark> M WWWW PPPPPP	5.0150	Frequency 00000 GHz	Settings
pectrum ale/Div 10 c	IB	•	(Ref Level 4.00 c	IBm	Mkr	1 9.152 55 GHz -63.13 dBm	Sw	0000 GHz ept Span o Span	
.0 .0									ull Span	
.0							<u>1</u>	Start Fre 30.000	eq 000 MHz	
	minimite	ntoniturthe	erenter and the second of	for the second second second	andanged and May 109000	nerlegioneglicenterestran	prover the prover to a fraction	Stop Fre 10.000	eq 000000 GHz	
rt 30 MHz es BW 1.0 I	ИНz			#Video BW 3.0	MHz	Sweer	Stop 10.000 GHz > ~18.1 ms (1001 pts)		TO TUNE	
larker Table		•						and the second second second	0000 MHz	
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	Ma		
1 N 2 N 3	1	f	9.152 55 GHz 3.828 57 GHz	-63.13 dBm -1.767 dBm				Freq Off 0 Hz	'set	
4 5 6								X Axis S Log	1	Loc

n77(3700~3980 MHz)_30 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_30 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB



EYSIGHT ++-	Input: F Couplin Align: A	ng: DC	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: Pa Trig: Free Run	wer (RMS <mark>123456</mark> M \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	5.0150	requency 00000 GHz	Settings
pectrum ale/Div 10	dB	•		Ref Level 4.00	dBm	Mkr	1 9.072 79 GHz -63.06 dBm	Sw	0000 GHz ept Span o Span	
0 0				2					ull Span	
0							1	Start Fre 30.000	eq DOO MHz	
0 0 marty autoritation	elogadari (b i	dramery-renew	enderfreederskerrer sould	hatineyrosturmensettilipue	n Marka an	lan astron to an the with	PEAK Angertaning and the and the and	Stop Fre 10.000	eq 000000 GHz	
t 30 MHz s BW 1.0	MHz			#Video BW 3.0	MHz	Sweet	Stop 10.000 GHz > ~18.1 ms (1001 pts)		TO TUNE	
arker Table		•						997.00	0000 MHz	
Mode 1 N	Trace	Scale	X 9.072 79 GHz	Y -63.06 dBm	Function	Function Width	Function Value	Aut Ma		
2 N 3	1	f	3.698 96 GHz					Freq Off 0 Hz	set	
4 5 6								X Axis S Loç Lin	1	Loc
								Lin		

n77(3700~3980 MHz)_40 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB





n77(3700~3980 MHz)_40 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_40 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB





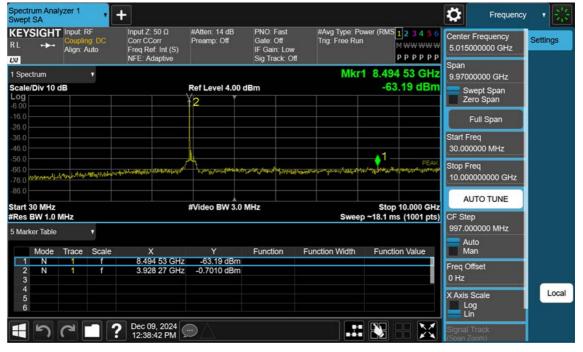
n77(3700~3980 MHz)_50 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB





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



EYSIGHT	Input: F Couplin Align: F	ig: DC	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atter Prean	i: 14 dB ip: Off	PNO: Fast Gate: Off IF Gain: Lo Sig Track	Trig: Free Rur	wer (RMS <mark>1</mark> 23456 M WW WW P P P P P P	5.0150	Frequency 000000 GHz	Settings
spectrum ale/Div 10 d	IB	•	, 		evel 4.00	dBm	Mkr	1 8.035 91 GHz -63.39 dBm	5.5700	00000 GHz vept Span ro Span	
00				2						Full Span	
i.0 i.0				*				1	Start Fi 30.000	req 0000 MHz	
	henrichte	af Brassensbarts	upopul-dependence for	Wewster	and a called a second	and a strange of the above	waynaatta goorget dar tag	PEAK bernallingsyndelingen bernallingsyndelingen bernalli	Stop Fi 10.000	eq 0000000 GHz	
es BW 1.0 I	ИНz			#Vide	o BW 3.0	MHz	Swee	Stop 10.000 GHz p ~18.1 ms (1001 pts)		JTO TUNE	
larker Table		•						· · · ·	997.00	00000 MHz	
Mode	Trace	Scale	Х		Y	Function	Function Width	Function Value	AL Mi		
1 N 2 N 3	1	f	8.035 91 GH 3.698 96 GH		339 dBm 880 dBm				Freq O 0 Hz	ffset	
4 5 6									X Axis Lc	g	Loc

n77(3700~3980 MHz)_60 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB





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





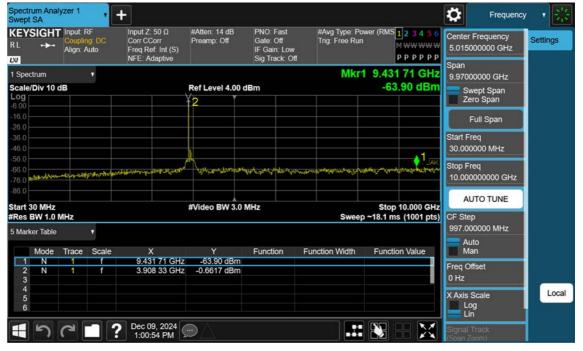
n77(3700~3980 MHz)_70 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB



YSIGHT -+-	Input f Couplin Align: /	ng: DC	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>123456</mark> M WWWWW PPPPPP	5.01500	requency 00000 GHz	Settings
ectrum le/Div 10 (1B	•		Ref Level 4.00	dBm	Mkr	1 8.873 39 GHz -62.76 dBm	Sw	0000 GHz ept Span	
				2					o Span ull Span	
0 0 0							1	Start Fre 30.0000	eq 000 MHz	
	ydeniaeataga	tantin alma	renouseranterment	J. Maria Maria	actastication and	enningellenselveneter solverger	PEAK	Stop Fre 10.0000	eq 000000 GHz	
t 30 MHz s BW 1.0 I	MHz			#Video BW 3.0	MHz	Sweep	Stop 10.000 GHz > ~18.1 ms (1001 pts)		TO TUNE	
arker Table		•						997.000 Aut	0000 MHz o	
Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	Mai	n	
1 N 2 N 3	1	f	8.873 39 GHz 3.808 63 GHz					Freq Off 0 Hz	set	
4 5 6								X Axis S Loç Lin		Loc

n77(3700~3980 MHz)_70 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_70 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB





n77(3700~3980 MHz)_80 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB





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





n77(3700~3980 MHz)_90 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB



pectrum ale/Div 10 dB 9 0 0 0 0 0 0 0 0 0 0 0	•		Ref Level 4.00 c	IBm	Mkr	4.287 19 GHz -63.31 dBm	Swe	000 GHz pt Span o Span	
			2				2010	Jopan	
)							Fu	ıll Span	
							Start Fre 30.0000	100	
	ىلىمەردەم بىلىمالەر	Annaprinski ski stati stati Anna stati	molingeration	er falsen staara	uppen and the second second	PEAK	Stop Free 10.0000	q 00000 GHz	
t 30 MHz s BW 1.0 MHz			#Video BW 3.0	MHz	Sween	Stop 10.000 GHz ~18.1 ms (1001 pts)			
arker Table	T				Uncer		997.000	000 MHz	
Mode Tra 1 N 1	ice Scale	X 4.287 19 GHz	Y -63.31 dBm	Function	Function Width	Function Value	Auto Man		
2 N 1 3	f	3.798 66 GHz	-1.588 dBm				Freq Offs 0 Hz	set	
4 5 6							X Axis So Log Lin		Lo

n77(3700~3980 MHz)_90 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_90 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB





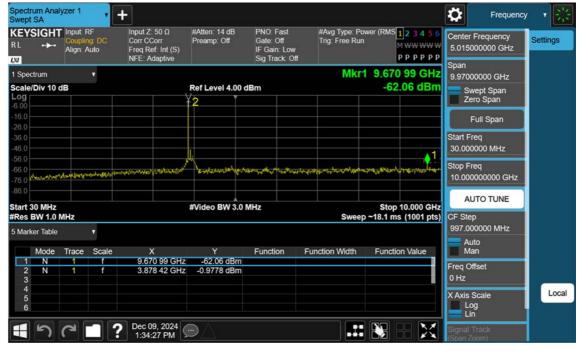
n77(3700~3980 MHz)_100 M_Conducted Spurious(30 M-10 G)_Low_BPSK_1RB





n77(3700~3980 MHz)_100 M_Conducted Spurious(30 M-10 G)_Mid_BPSK_1RB





n77(3700~3980 MHz)_100 M_Conducted Spurious(30 M-10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+						Frequency	- 1 😤
KEYSIGHT RL +→-•	Input: 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 (RMS Trig: Free Run	1 2 3 4 5 6 М₩₩₩₩₩ РРРРРР	25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d	T B		Ref Level -20.	and an	Mkr1 3	8.62 GHz 7.02 dBm	Sw	0000 GHz ept Span o Span	
								ull Span	
40.0							Start Fre 10.000	eq 000000 GHz	
						<u>1</u>	Stop Fre 40.000	eq 000000 GHz	
70.0	al a cubble whether	autoritod/Alliphidd	halan kalendari	faird my draw that was	halan agaapta	A ANY MUN	CF Step	Conservation and the second	
90.0 100	ni Vot	and the second					3.0000 Aut Ma		
							Freq Off 0 Hz	set	
Start 10.00 GH			#Video BW 3	.0 MHz	Sto Sweep ~54.0 m	p 40.00 GHz is (1001 pts)	X Axis S Lo Lin		Local
1	2	? Dec 09, 2024 11:21:26 AM	ÐA				Signal T (Span Zo		

n77(3700~3980 MHz)_10 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+					\$	Frequency	- 1 条
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		23456 WWWWW PPPPP	ETERSTIC CONSTRAINTS	requency 000000 GHz	Settings
Spectrum cale/Div 10 dl	B	, <u>voor handelikken voorge</u>	Ref Level -20.00		Mkr1 36		Swe	000 GHz ept Span o Span	
								ıli Span	
40.0 50.0							Start Fre 10.0000	q 100000 GHz	
						1 PEAK	Stop Fre 40.0000	q 000000 GHz	
0.0	يم دا اولار م		markelleriud	ripriliansperimetricipality	alahan dan seria dan s		AUT CF Step	TO TUNE	
	AMILY INTERNAL	MOMPAN ALL NAME						0000 GHz	
							Mar Freq Offs		
110 tart 10.00 GH			#Video BW 3.0	MU	Stor	40.00 CH-	0 Hz X Axis S	a second a s	Local
Res BW 1.0 M		Dec 09, 2024	~ ^	WHZ	Sweep ~54.0 ms	40.00 GHz (1001 pts)			
ר ב		11:25:30 AM				ii 🔀	Signal Tr (Span Zor		

n77(3700~3980 MHz)_10 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Ar Swept SA	nalyzer 1	+						Frequency	- * 迷
KEYSIGH RL ↔	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: F Trig: Free Ri	Power (RMS <mark>1234</mark> un PPPP	WW 25.000	Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 1 Log	v 0 dB		Ref Level -20.	00 dBm		Mkr1 37.00 G -66.18 dE	Hz 30.000	0000 GHz vept Span ro Span	
-30.0							Start Fr	Full Span eq 1000000 GHz	
-60.0							EAK	eq 0000000 GHz JTO TUNE	
-80.0 -90.0	ha r hana tha tha thinn an	yound the second second	engelaether	ad the for a stand and the stand	ynte fan de service de Service de service de s	Mars	CF Ste 3.0000	100000 GHz to	
-100							Freq O 0 Hz X Axis	lfset	Local
Start 10.00 #Res BW 1.			#Video BW 3	.0 MHz	Swe	Stop 40.00 (ep ~54.0 ms (1001		i Track	

n77(3700~3980 MHz)_10 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spect	rum Analy t SA	zer 1	+							O	Frequency	- * ※
RL RL	SIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 0 dB Preamp: Off	PNO: F Gate: C IF Gain Sig Tra	n: High	#Avg Type: F Trig: Free Ru	876 I	1 2 3 4 5 6 1	and a second second second	Frequency 000000 GHz	Settings
1 Spe	ctrum							Mkr1 37	.60 GHz		0000 GHz	
Scale Log	/Div 10 d	В	R	ef Level -20	.00 dBm			-67	.60 dBm		ept Span o Span	
-30.0										F	ull Span	
-40.0										Start Fre 10.000	eq 000000 GHz	
-60.0									A1	Stop Fre 40.000	eq 000000 GHz	
-70.0		1.4	ghatalanska fikindindaka Madu	at a hole.	halaan diitidda	ر المنابعة ما	iste Altraitetere	and which the	the war		TO TUNE	
-80.0	AYWAN	hiphratikan th	Antonion (not di pare provinsi Antonion (not di pare provinsi pare	Alia Madia ma ing	91-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	adian at at					00000 GHz	
-100										Aut Ma Freq Of	n	
-110										0 Hz		Local
	10.00 GH BW 1.0 M			#Video BW 3	.0 MHz		Swee		o 40.00 GHz s (1001 pts)	X Axis S Lo Lin	9	Local
H	ょ		Pec 09, 2024	Δ						Signal T (Span Zo		

n77(3700~3980 MHz)_15 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	zer 1	+						Frequency	- 1 景
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		123456 М₩₩₩₩₩ РРРРРР	ETERSTIC CONSTRUCT	requency 000000 GHz	Settings
Spectrum cale/Div 10 d	B		Ref Level -20.0		Mkr1 3	6.28 GHz 6.71 dBm	Sw	0000 GHz ept Span o Span	
30.0								uli Span	
40.0 50.0							Start Fre 10.000	eq 000000 GHz	
						PEAK	Stop Fre 40.0000	q 000000 GHz	
0.0	ا من الم		An march marth	nantrukkantrakta	haldhlyzorhand/production	神机林枫	AU CF Step	TO TUNE	
0.0	Mildarastinako	AN MARINE AND AND AND A	Wah I				CONTRACTOR OF THE	00000 GHz	
							Freq Off	i .	
							0 Hz X Axis S		Local
tart 10.00 GH Res BW 1.0 M			#Video BW 3.0) MHz	Sto Sweep ~54.0 m	p 40.00 GHz is (1001 pts)	Loc	and a second sec	LUDA
もう		Dec 09, 2024 11:37:13 AM	\Box				Signal T (Span Zo		

n77(3700~3980 MHz)_15 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spect Swep	rum Analy t SA	zer 1	+						Frequency	- * ※
KEY RL LV	SIGHT ↔	Input: 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: P Trig: Free Ru	ower (RMS <mark>1</mark> 2345 n М WW WW Р Р Р Р Р	25.000	Frequency 000000 GHz	Settings
1 Spe	ctrum						Mkr1 39.01 GH		0000 GHz	
Scale Log	/Div 10 d	В		Ref Level -20.	00 dBm		-67.21 dBr	0	ept Span ro Span	
-30.0								F	'ull Span	
-40.0								Start Fre 10.000	eq 000000 GHz	
-60.0							1	Stop Fre 40.000	eq 000000 GHz	
-70.0				on the data which	an south of the set	anithe shirt with	Normassagnishikanga	AU	TO TUNE	
-80.0	hartight	NA STATISTICS	tal hat a second se	i feiter an ar fai	http://www.application.com/				00000 GHz	
-100								Aut Ma Freq Off	n	
-110								0 Hz		Local
	10.00 GH BW 1.0 M			#Video BW 3	.0 MHz	Swee	Stop 40.00 GH p ~54.0 ms (1001 pt		g l	Local
E	5		P Dec 09, 2024 11:40:57 AM	\Box				Signal T (Span Zo		

n77(3700~3980 MHz)_15 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Ana Swept SA	alyzer 1	+					Frec	uency 🔻 🔆
KEYSIGH RL ++-	T Input: 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: P Trig: Free Ru	ower (RMS <mark>1</mark> 2 3 4 5 6 n M WW WW W P P P P P P	Center Frequence 25.000000000 C	
1 Spectrum						Mkr1 38.17 GHz	30.0000000 GH	z
Scale/Div 10	dB		Ref Level -20.0	0 dBm		-66.68 dBm	Swept Span Zero Span	
							Full Span	
-40.0							Start Freq 10.000000000	GHz
						1	Stop Freq 40.000000000	GHz
-70.0		of the sec	ik J., 1 alawiki	u.Lladouble o so spitheld	A and the dest		AUTO TUN	E
-80.0	urnungen	and the second second	fold fold for the	ranaran atro-akteraja ranar	AM A DIS	n fill fan Alexandra Ballanian	CF Step 3.000000000 Gi	Hz
							Auto Man	
							Freq Offset 0 Hz	
Start 10.00 G #Res BW 1.0			#Video BW 3.0) MHz	Swee	Stop 40.00 GHz p ~54.0 ms (1001 pts)	X Axis Scale Log Lin	Local
1	C	Pec 09, 2024 11:44:56 AM					Signal Track (Span Zoom)	

n77(3700~3980 MHz)_20 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+						Frequency	- 7 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		1 2 3 4 5 6 M WW WW W P P P P P P		Frequency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d	B		Ref Level -20.0		Mkr1 37	7.00 GHz .71 dBm	Sw	0000 GHz ept Span o Span	
							F	ull Span	
-40.0							Start Fre 10.0000	eq 000000 GHz	
						1 PEAK	Stop Fre 40.0000	eq 000000 GHz	
70.0	and a	فيمانون أورين	الأو لللحماليما	1.441/Jarollandata.anth	high part of the state of the s			TO TUNE	
-80.0	n Artholy all gravity	phones and an and a second	Man din in the second	dan of Below Length and			Province of the local division of the local	00000 GHz	
							Aut Mai	n	
							Freq Off 0 Hz	set	-
Start 10.00 GH #Res BW 1.0 N			#Video BW 3.	0 MHz	Stop Sweep ~54.0 m	p 40.00 GHz s (1001 pts)	X Axis S Loç Lin		Local
ま ち		2 Dec 09, 2024 11:48:57 AM	DA				Signal T (Span Zo		

n77(3700~3980 MHz)_20 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectru Swept	um Analy SA	zer 1	+					\$	requency	- ※
KEYS RL	SIGHT -►-	Input: RF Coupling: DC Align: Auto	Input Z: 50 (Corr CCorr Freq Ref: In NFE: Adapti	Preamp: Off t (S)	PNO: Fast Gate: Off IF Gain: High Sig Track: Off	#Avg Type: Powe Trig: Free Run	r (RMS <mark>123456</mark> M WWWWW P P P P P P P	Center Frequ 25.00000000 Span		Settings
1 Spect	trum					Mk	r1 38.11 GHz	30.0000000	GHz	
Scale/	Div 10 d	В		Ref Level -20.0	0 dBm		-67.43 dBm	Swept S Zero Spa		
-30.0								Full Sp	an	
-40.0 -								Start Freq 10.0000000	00 GHz	
-60.0							1 m	Stop Freq 40.0000000	00 GHz	
-70.0		ble to		hapigeglad hegettaletterett	at all the factor for the	New Platers	system they delay have	AUTO T	UNE	
-80.0	, which the	unlage Proposition	Walershirth	entrest of the state of the state of the	finder in standard service			CF Step 3.000000000) GHz	
-100								Man Man		
-110								Freq Offset 0 Hz		
	0.00 GH SW 1.0 M			#Video BW 3.	0 MHz	Sweep ~	Stop 40.00 GHz 54.0 ms (1001 pts)	X Axis Scale Log Lin		Local
	5		? Dec 09, 20 11:52:40					Signal Track (Span Zoom)		

n77(3700~3980 MHz)_20 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrue Swept S		zer 1 🗸	+					0	Frequency	- * ※
RL RL	IGHT	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 Ru	ower (RMS <mark>123456</mark> n М WWWWW РРРРР	25.0000	requency 00000 GHz	Settings
1 Spectr	um					I	Akr1 39.13 GHz	a second second second	000 GHz	
Scale/D	oiv 10 di	3		Ref Level -20.	00 dBm		-67.00 dBm	Ome	ept Span Span	
								FL	ıll Span	
-40.0								Start Fre 10.0000	q 00000 GHz	
							1	Stop Fre 40.0000	q 00000 GHz	
-70.0			wpyatropan ^{ar} i Untadi Ai	م الم معالية	etethouderedbar.h	arish desired	warden and the second of the second		TO TUNE	
-80.0 -90.0	in the	harmonthe	voquilingent in Andrida An	arthrough the solution of the	tlåfallar sædat af af false a	and the second		L	0000 GHz	
								Auto Mar		
								Freq Offs 0 Hz		Land
Start 10 #Res B				#Video BW 3	.0 MHz	Swee	Stop 40.00 GHz p ~54.0 ms (1001 pts		and the second sec	Local
	ょ		? Dec 09, 2024 12:08:19 PM	\square				Signal Tr (Span Zoo		

n77(3700~3980 MHz)_30 M_Conducted Spurious(Above10 G)_Low_BPSK_1RB



Spectrum Analy Swept SA	/zer 1	+					\$	Frequency	- *
KEYSIGHT	Input: 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		123456 MWWWWW PPPPPP		requency 000000 GHz	Settings
1 Spectrum Scale/Div 10 d	T B		Ref Level -20.0		Mkr1 3	7.06 GHz 5.72 dBm	Swe	0000 GHz ept Span o Span	
							F	ull Span	
-40.0							Start Fre 10.0000	eq 000000 GHz	
						1 PEAK	Stop Fre 40.0000	9 000000 GHz	
-70.0 -80.0		tanalat mutricipita	nunununun	en verminster Wert	yesh thirdstorp continues	hillo to hill his	CF Step	TO TUNE	
-90.0							Auti Mar		
							Freq Off 0 Hz	set	
Start 10.00 GH #Res BW 1.0 N			#Video BW 3.	0 MHz	Sto Sweep ~54.0 m	p 40.00 GHz s (1001 pts)	X Axis S Log Lin	and a second sec	Local
1	2	? Dec 09, 2024 12:12:21 PM	ÐA				Signal Ti (Span Zo		

n77(3700~3980 MHz)_30 M_Conducted Spurious(Above10 G)_Mid_BPSK_1RB



Spectrum Analy Swept SA	/zer 1	+					Frequence	oy 🔻 🔆
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: Pow Trig: Free Run	rer (RMS <mark>123456</mark> М WWWWW РРРРРР	Center Frequency 25.000000000 GHz Span	Settings
1 Spectrum Scale/Div 10 d Log -30.0 -40.0 -50.0 -50.0 -60.0 -70.0 -80.0 -90.0 -100			Ref Level -20.			kr1 35.83 GHz -66.85 dBm	Span 30.0000000 GHz Swept Span Zero Span Full Span Start Freq 10.000000000 GHz Stop Freq 40.00000000 GHz AUTO TUNE CF Step 3.000000000 GHz Man	
-110 Start 10.00 GH #Res BW 1.0 M		D 00 0004	#Video BW 3	.0 MHz	Sweep -	Stop 40.00 GHz ~54.0 ms (1001 pts)	Freq Offset 0 Hz X Axis Scale Log Lin Signal Track (Span Zoom)	Local

n77(3700~3980 MHz)_30 M_Conducted Spurious(Above10 G)_High_BPSK_1RB



Spectrum Analy Swept SA	vzer 1	+				₽	Frequency	- 影
KEYSIGHT	Input: 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 (RMS 1 2 3 4 Trig: Free Run MWWW P P P P	₩₩ 25.000	Frequency 0000000 GHz	Settings
1 Spectrum Scale/Div 10 d Log	T B		Ref Level -20.0		Mkr1 35.74 G -67.27 df	Hz 30.000	0000 GHz vept Span ro Span	
							Full Span	
-40.0						Start Fr 10.000	eq 0000000 GHz	
					1	Stop Fr 40.000	eq 0000000 GHz	
-70.0		aladaa Maddoo Ma	upper att att a the	al the state of th	udundarhad-dammeratur/re-managamerika	CF Ste	All the second se	
-90.0	ndly,					3.0000 Au Ma		
						Freq O 0 Hz		
Start 10.00 GH #Res BW 1.0 N			#Video BW 3.0) MHz	Stop 40.00 Sweep ~54.0 ms (1001		g	Local
1		2 Dec 09, 2024 12:20:08 PM	\Box			Signal (Span Z		

n77(3700~3980 MHz)_40 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		23456 WWWWW PPPPP	ETCOMO DE CONTRA	requency 000000 GHz	Settings
Spectrum Scale/Div 10 dl	B	Trist hadden been to 1955	Ref Level -20.0		Mkr1 36		Sw	0000 GHz ept Span o Span	
								ull Span	
40.0 50.0							Start Fre	eq 000000 GHz	
						PEAK	Stop Fre 40.000	eq 000000 GHz	
70.0	tura.		. web. with short	uddalactivitation	nden hoviperreigen utten den de			TO TUNE	
	the property of the second second	lefter and a starting a	Anton Ch. B. H. a. A.	the state of the state			CF Step 3.0000	00000 GHz	
							Freq Off	n	
							0 Hz X Axis S		Local
tart 10.00 GH: Res BW 1.0 M		D 00 0004	#Video BW 3.	0 MHz	Sweep ~54.0 ms	40.00 GHz (1001 pts)	Log	;	
5	GLL	Dec 09, 2024 12:24:08 PM					Signal T (Span Zo		

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



Spectrum Analy Swept SA	/zer 1	+					Frequenc	y y 1
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 1 2 3 4 5 6 Trig: Free Run P P P P P P		Center Frequency 25.000000000 GHz	Settings
1 Spectrum Scale/Div 10 d Log -30 0 -40 0 -50 0 -60 0 -70 0 -80 0			Ref Level -20.	00 dBm		kr1 38.68 GHz -67.32 dBm	Span 30.000000 GHz Swept Span Full Span Start Freq 10.00000000 GHz Stop Freq 40.00000000 GHz AUTO TUNE CF Step	
-90.0 -100 -110 Start 10.00 GH #Res BW 1.0 N	z		#Video BW 3			Stop 40.00 GHz ~54.0 ms (1001 pts)	3.00000000 GHz Auto Man Freq Offset 0 Hz X Axis Scale Lin Signal Track Koan Zoom)	Local

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



Spect Swep	rum Analy t SA	zer 1 🗸	+						Frequency	- * ※
KEY RL LV	SIGHT .≁-	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: Higt Sig Track: O	h Ing: Free R	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run P P P P P P		Frequency 0000000 GHz	Settings
1 Spe	ctrum						Mkr1 36.85 G	Hz 30.000	0000 GHz	
Scale Log	/Div 10 d	В		Ref Level -20.0	00 dBm		-66.40 dl	0	vept Span ro Span	
-30.0									Full Span	
-40.0								Start Fr 10.000	req 1000000 GHz	
-60.0							1		eq 1000000 GHz	
-70.0			1	L. J. Hardland	aliadao ala isti.	ut deba.ah.s.As.Aba	a the pale state by the		JTO TUNE	
-80.0	11WWWWW	R.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M.M	elos it with the product	AND	h that is not the second	histori (kili) a an			00000 GHz	
-100								Au Ma	an	
-110								Freq Of 0 Hz	iset	
	10.00 GH BW 1.0 M			#Video BW 3.	0 MHz	Swe	Stop 40.00 ep ~54.0 ms (1001		g l	Local
	5		? Dec 09, 2024 12:31:52 PM	\square				Signal 1 (Span Zi		

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



Spectrum Analyzer 1	+					₽	Frequency	
RL +++ Align: Auto		#Atten: 0 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: High Sig Track: Off		23456 WWWWW PPPPP	25.000	requency 000000 GHz	Settings
1 Spectrum v Scale/Div 10 dB Log		ef Level -20.0		Mkr1 35. -67.8	05 GHz 83 dBm	Sw	0000 GHz ept Span o Span	
-30.0							ull Span	
-50.0						Stop Fre	900000 GHz 900000 GHz	
-70.0 -80.0		lahan darat bet vid	hukuumiinnyiinnyiinnyiin	dy to the work of the state of the	PEAK VIIIIIIIIII	AU CF Step	TO TUNE	
-90.0	All dual (see) at the sould be	alist by an				3.0000 Aut Ma	00000 GHz	
-110						Freq Off 0 Hz X Axis S		Local
Start 10.00 GHz #Res BW 1.0 MHz	* Dec 09, 2024 12:35:07 PM	≇Video BW 3.ι	0 MHz	Stop Sweep ~54.0 ms	40.00 GHz (1001 pts)	Log Lin Signal T		

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



Spectrum Swept S/		er 1 💡	+								0	Frequency	- 影
REYSI RL	C	nput: RF Soupling: DC Jign: Auto	Input Z: Corr CC Freq Re NFE: Ac	orr f: Int (S)	#Atten: 0 dB Preamp: Off	PNO: F Gate: 0 IF Gair Sig Tra	Off	#Avg Type: Power (RMS 1 2 3 4 5 6 Trig: Free Run P P P P P P		Center Frequency 25.000000000 GHz		Settings	
1 Spectru	im	•								.65 GHz	Span 30.0000	0000 GHz	
Scale/Di	v 10 dB			F	Ref Level -20.	.00 dBm			-65	.97 dBm		ept Span o Span	
-30.0											F	ull Span	
-40.0											Start Fre 10.0000	eq 000000 GHz	
-60.0										1_K	Stop Fre 40.0000	eq 000000 GHz	
-70.0		or dellars	فالمعميان	h astaal addeed	herter fan skylter	utrel warm	where where	endedworker	lefturiantial.	H. Andrewski	AU [*] CF Step	TO TUNE	
-90.0	N ATA AN	MARANASHAN	hi na ana ana ana ana ana ana ana ana ana	hitala ite.	1 dit i contra						COLUMN STREET,	00000 GHz	
-100											Mar		
-110											Freq Off 0 Hz	set	
Start 10. #Res BV		z			#Video BW 3	.0 MHz		Swe		o 40.00 GHz s (1001 pts)	X Axis S Log Lin	a second a s	Local
	う (? Dec 09 12:38:	9, 2024 54 PM	ЭД						Signal Ti (Span Zo		

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