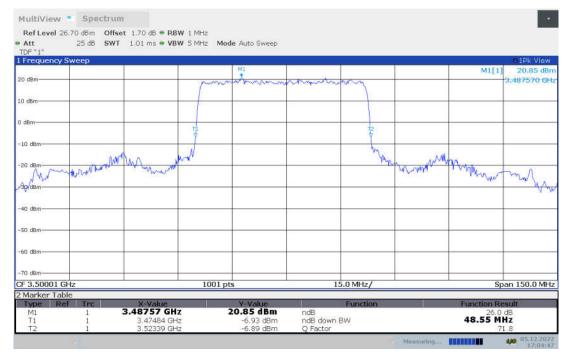


n77L,50MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
Frequency (MHZ)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3500.01	48.55	48.55	48.40	48.40	48.70	50.50	50.35	50.35	50.35

n77L,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

Frequency Sweep					01Pk Vie
D dBm		mannan	M1		M1[1] 20.16 d 3.509150 d
I dBm-					
dBm	The second secon			_	
	1		Ŷ		
0 dBm-	a second second				
Brochen Marghen	And man marked		<u> </u>	No with many	MAR Ale Arabe man
14 ·				10	MAL MANNAMINA
0 dBm					
) dBm					
0 dBm					
) dBm					
			15.0 MHz/		Span 150.0 M
^{0 dBm} 3.50001 GHz Marker Table		1001 pts	15.0 (VII 127		opur rooto n



n77L,50MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

Ref Level 2 Att	6.70 dBm Off	im iset 1.70 dB = R /T 1.01 ms = V		Mode Auto Sweep					
TDF "1"	1993 (1993) 1993 (1993) 1993 (1993)	1.01 ms • V	BW SMILZ	Mode Auto Sweep					
I Frequency	Sweep								O 1Pk View
				(M3.)				M1[1]	19.52 dBn
20 dBm			para	montion	mont	mony			3.488920 GH
10 dBm						1.			
to upri-									
0 dBm									
						12			
-10 dBm					-	<u> </u>			
	.8	manna	LARWAY .			In the owner	maker	puntury	
20 dBm	Mary Mary Mary	A M Dr. Mandre	Dece			Ter as	1 MIN WOW WA	Manna	1 Ko
My Malline A.								1.	most in a
-30 dBm	-		-						
-40 dBm	-		-						
-50 dBm									
-60 dBm									
-ou usm-									
-70 dBm									
CF 3.50001 0	Hz		100	01 pts	15	5.0 MHz/		St	an 150.0 MHz
2 Marker Tal	10122								
Type Re	f Trc	X-Value	(1999)	Y-Value		Function	14	Function Re	
M1 T1	1	3.48892 G 3.47499 G		19.52 dBm -4.64 dBm	ndB ndB down I	D14/		26.0 48.40 M	
T2	1	3.52339 G		-7.62 dBm	O Factor				2.1

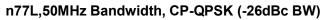
n77L,50MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

	Spectru	iset 1.70 dB = RB	W 1 MHz						
Att IDF "1"		/T 1.01 ms • VB		Node Auto Sweep					
Frequency :	Sweep								01Pk View
					M3			M1[1]	
0 dBm				moment		mon			3.511550 GH
			funder	A MARK AND A PARTICIPA	A CHOR AND A	amond			
0 dBm-	-						0.0		
dBm			71						
			1			<u>t</u>			
10 dBm	-		10	-					
	me anali	no n	Awat			Wha	an marine and the second s	10	
20 dBm	and when have	Wash and A.					W. AND AND AND A	MANTA	100
NINAMY								Alex	W What all
30 dBm				-					- an children
40 dBm									
50 dBm	-								-
60 dBm									
70 dBm-									
F 3.50001 G	Hz		1001	pts	1	5.0 MHz/		St	an 150.0 MHz
Marker Tab	CONTRACTOR OF								
Type Re	f Trc	X-Value		Y-Value	1	Function	11	Function Re	esult
M1	1	3.51155 GH		19.58 dBm	ndB			26.0	dB
T1 T2	1	3.47499 GH 3.52339 GH		-5.86 dBm -9.00 dBm	ndB down O Factor	BW		48.40 M	HZ 2.6
14	1	0.02309 GH	2	-3'00 0DIII	Q ractor			57	2.0



MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 1 MHz Att 25 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 16.97 dBr 20 dBm-3.500160 GH m m à. A.S. 10 dBm 0 dB -10 dE margar man han advant water 20 di 51 perturn more -30 dBm-MW. 40 dBr -50 dBr -60 dBm -70 dBm CF 3.50001 GHz 1001 pts 15.0 MHz/ Span 150.0 MHz 2 Marker Table **Eunction Result** Typ Ref Trc Eurocti 3.50016 GHz 16.97 dBm ndB ndB down BW Q Factor M1 T1 T2 48.70 MHz 3.47484 GHz 3.52354 GHz -11.38 dBm -10.80 dBm NO 28.02.2

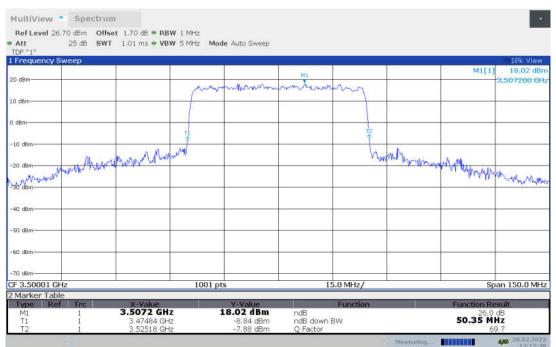
n77L,50MHz Bandwidth, DFT-s-256QAM (-26dBc BW)



Att TDF "1"		T 1.01 ms 🖷 VB	W 5 MHz Mo	de Auto Sweep					
Frequency	Sweep	1		1	,			M1[1]	0 1Pk View 17.93 dBn
20 dBm			ner	mmmm				wit[1]	3.494320 GH
LO dBm			form	- Mark Cos Manual	and Arranda	many			
1922									
) dBm			Ţ			12			
-10 dBm		and the							
20 dBm	manual	minippe when he	mt. And			1-WA	mandreamant	Mundmonthing.	1
may form	~							- 1 · · · · · · · · · · · · · · · · · ·	Ampag
do dam									
40 dBm									
50 d8m									
60 dBm									
-70 dBm									
F 3.50001	GHz		1001 p	ts	13	5.0 MHz/		Sp	an 150.0 MH
Marker Ta			-				10		
Type R M1 T1 T2	ef Trc 1 1	X-Value 3.49432 GH 3.47484 GH 3.52533 GH	z	V-Value 17.93 dBm -7.55 dBm -9.66 dBm	ndB ndB down I O Factor	Function BW		Function Re 26.0 50.50 M	dB



n77L,50MHz Bandwidth, CP-16QAM (-26dBc BW)

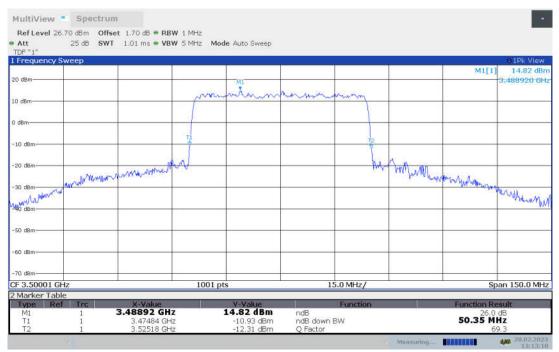


n77L,50MHz Bandwidth, CP-64QAM (-26dBc BW)

DF "1" Frequency	Swaan	T 1.01 ms 🖷 VB		Iode Auto Sweep					0 1Pk View
пециенсу	Sweep	1					1	M1[1	and the second
dBm				MI					3.485770 G
			por	mannam	mannen	many			
dBm	2								
Bm									+
			1			te l			
0 dBm	-		1						
		an monorally	man			Jr Wa	Much oth		
dBm	the matter	nondomilia	1				manang	Whyne has	20.0
1 may pour	and a state of								well My more
) MBm									
) d8m									
dBm-	7								
d8m									
ubin									
dBm									
- upin									
) d8m									
3.50001 G	iHz		1001	pts	12	5.0 MHz/		S	pan 150.0 M
Aarker Tab	ble								
Type Re	f Trc	X-Value		Y-Value		Function	li.	Function R	
M1 T1	1	3.48577 GH 3.47484 GH		17.38 dBm -9.77 dBm	ndB ndB down l	DIA		26.0 50.35 M	dB H7
T2	1	3.52518 GH		-9.58 dBm	Q Factor	DAA			59.2



n77L,50MHz Bandwidth, CP-256QAM (-26dBc BW)

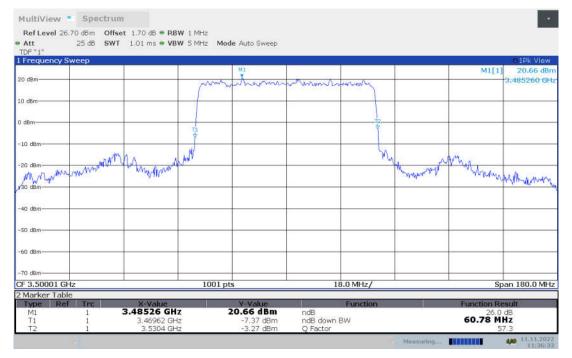




n77L,60MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
Frequency (MHZ)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3500.01	60.78	60.60	60.78	60.96	60.78	60.78	60.96	60.78	60.78

n77L,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



n77L,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

	1		12.			
and the second second	cha M		Mar 1	Mar Mary Mary	and marked	Mapretructure
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1001 pts				



## n77L,60MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

Att		t 1.70 dB • RBV 1.01 ms • VBV		de Auto Sweep					
DF 1 Frequency S	weep								0 1Pk View
				M1				M1[1]	18.69 dB
dBm			14 15		10,833 (2014)	101	-		3.491740 G
			Many	manhan	mann	mon			
dBm							-		
Bm-				_		A			
			¥			1			
a da			1			12			
J dBm-		Mannan							
<b>x</b>	- A . A	that worthand	N ^{MP2}			1 1/2	manna	N	
dBm	March	A. Webe -						A DATA BALLER OLA	20 11002 12
Name Vin								a Madalo	aun aller to
0 dBm									
0 dBm									
2 doni									
0 dBm									
) dBm				++			-		
0 dBm							-		
3.50001 G	-lz		1001 p	its	18	3.0 MHz/		Sr	an 180.0 M
Marker Tabl				per la companya de la		1			
Type Rel		X-Value		Y-Value	in the second	Function		Function Re	esult
	1	3.49174 GHz	1	18.69 dBm	ndB			26.0 60.78 M	dB
M1 T1	1	3.4698 GHz		-4.37 dBm	ndB down 8				

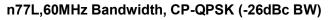
## n77L,60MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

- Contraction of the second		1 MHz						
25 dB SW1	1.01 ms • VBW	S MHz Mod	e Auto Sweep					
weep								01Pk View
				MI			M1[1]	
		AND IN	manan		moheree			3.514940 GH
			1000 0000		10 100 T			
		1						
		Ť						
A A	marmharth	4			WW	how woll way	A.P	
through the same a						18 21 8	an an Mondry	million
								10000
	-							
		1001 pt	5	18	3.0 MHz/		SI	oan 180.0 MH
	X-Value	_	V-Value	_	Function		Euroction R	erut
1 1	3.51494 GHz 3.46962 GHz 3.53058 GHz			ndB ndB down B O Factor		01	26.0 60.96 M	dB
	70 dBm Offs 25 dB SW1 weep	25 dB SWT 1.01 ms = VBW weep weep weep weep weep tz e Trc X-Walue 1 3.51494 GHz 1 3.4962 GHz	70 dBm Offset 1.70 dB = RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mod weep 	70 dBm Offset 1.70 dB = RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep weep we	70 dBm Offset 1.70 dB = RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep Weep Mu MW MW MW MW MW MW MW MW MW MW	70 dBm Offset 1.70 dB = RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep Weep MI MI MI MI MI MI MI MI MI MI	70 dBm Offset 1.70 dB = RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep Weep MI MI MI MI MI MI MI MI MI MI	70 dB m Offset 1.70 dB = RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep



#### MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 1 MHz Att 25 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 15.23 dBr 3.512060 GH 20 dBmin 10 dBm 0 dBr -30 gentlier Marty WWW WWW My Johnsoler -10 dE approximiting and provided 10A when when the 40 dBr -SO dBr -60 dBm -70 dBm CF 3.50001 GHz 1001 pts 18.0 MHz/ Span 180.0 MHz 2 Marker Table **Eunction Result** Ref Trc 3.51206 GHz 15.23 dBm M1 T1 T2 ndB ndB down BW Q Factor 60.78 MHz -10.96 dBm -9.53 dBm .46962 GHz 3.5304 GHz AN 28.02.3

## n77L,60MHz Bandwidth, DFT-s-256QAM (-26dBc BW)



Frequency	Sweep	_							01Pk View
0 dBm			50.	MI				M1[1]	17.45 dBi 3.484010 GF
			mont	Amonia	mannam	many			
I dBm	3		1						
dBm									
			Th ↓			12			
0 dBm		Were March							
0 dBm	h. M	and the man with	ARA A			m.	utranamat	at the	
. which	man the summer	<i>15</i>						which when a	marchenter
o dem		-							1444
0 dBm									
) dBm									
0 dBm									
) dBm									
3.50001 Aarker Ta	2000		1001 p	ts	10	B.0 MHz/		SI	oan 180.0 MH
	ef Trc	X-Value		Y-Value		Function	ii ii	Function Re	esult
M1	1	3.48401 GH		17.45 dBm	ndB			26.0	
T1 T2	i	3.46962 GH 3.5304 GH	z	-7.84 dBm -9.77 dBm	ndB down I O Factor	BW		60.78 M	



## n77L,60MHz Bandwidth, CP-16QAM (-26dBc BW)

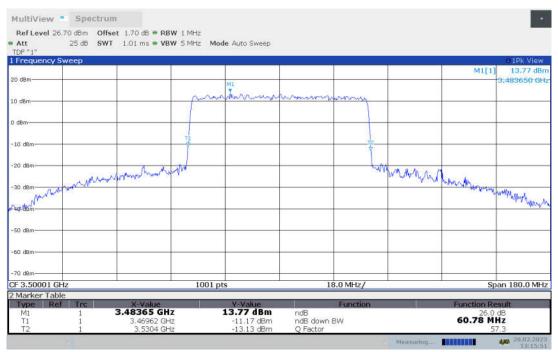
MultiView RefLevel 2	and the second second	im iset 1.70 dB = F	BW 1 MH	iz						
Att	25 dB SW	/T 1.01 ms 🖷 V	BW 5 MH	iz Mode	Auto Sweep					
Frequency	Sweep									01Pk View
									M1[1]	
20 dBm	-	-					X			3.519430 GH
			1	mon	monum	montana	mund			
LO dBm	2					-				-
) dBm										
			T				T12			
-10 dBm			Ť				4			
	2010 C	moghermany	White				Mart	www.walkang	e 10	
20 dBm-	when har and	Marken Mark					Y	ANN AND MAN	Why the me	1000
When Marin	6. T								~~~~	1 Man Makan
30 dBm			-							
40 dBm	7		-			-				
-50 dBm			-							
-60 dBm			-							
-70 dBm										
CF 3.50001 0	A CONTRACT OF			1001 pts	<u></u>	18	3.0 MHz/		S	oan 180.0 MH:
Marker Ta	ef Trc	X-Value	_	-	Y-Value		Function		Function R	and a later
M1	1	3.51943 G	Hz	1	7.31 dBm	ndB	1 difetion	10	26.0	
T1	1	3.46962 0	iHz		-9.64 dBm	ndB down I	зw		60.96 M	Hz
T2	1	3.53058 G	Hz		-11.08 dBm	Q Factor			5	7.7

## n77L,60MHz Bandwidth, CP-64QAM (-26dBc BW)

DF "1" Frequency	Swaan		agent processiv	699 - 110119295							0 1Pk View
rrequency	sweep									M1[1	Contraction of the local distance of the loc
) dBm			-		.M1			-			3.484010 GI
			1	mum	Ammonim	harmon and	monthing				
dBm	2		+ +	-		-		-			
IBm											1
								Ŧ			
J dBm-		12000	a ad					Δ.	18		
1 d8m	An always	Monant	W.A					M	Marman.		
1ª	What With M	man market and the second							my Jone Will	Manne	Mon .
didem			-					_		100.000	and which the
) dBm								_			
0 dBm	-		+								
0 dBm			-								
0 dBm											
3.50001 0	Hz			1001 pt		15	3.0 MHz/	_		s	pan 180.0 MH
Marker Tat	ALC: NOT THE OWNER OF THE OWNER OWNE			1001 pt			510 111 127				part rooto iti
Type Re	ef Tro	X-Value	1997	1	Y-Value	line and	Function	î 👘	).	Function R	
M1 T1	1	3.48401 GH 3.46962 G			-10.72 dBm	ndB ndB down 8	RW/			60.78 M	)dB
T2	î	3.5304 G			-8.40 dBm	Q Factor					57.3



## n77L,60MHz Bandwidth, CP-256QAM (-26dBc BW)





## n77L,80MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
Frequency (MHZ)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3500.01	82.24	82.48	82.48	82.48	82.48	82.96	82.96	82.96	82.72

n77L,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



## n77L,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

TDF "1" Frequency	Sween		on rozenintsi n						0 1Pk View
in equency :	Sweep				M	1		M1[1	and the second second second second
) dBm			1 mm	and the more thank	monormat	mounter			3.523990 6
dBm	3								+
							(		
dBm			та						+
			¥.			Ĩ			
0 dBm	-	A and a second sec	10						
1000 1000 B	a Stand Make	-	#QAV			1	March Marchards with	mag Monson	1000 10
g. dBm matthe	deflatt and to the	s where on the	12				contraction of the	Allow Marchanoro	map mark town
NG-G WARKS								0.500	in a non-data secondaria
30 dBm		-					-		+
40 dBm				_					+
0 dBm									
0 dBm									
'0 d8m		-							-
3.50001 G	Hz		1001	pts	24	1.0 MHz/		S	pan 240.0 M
Marker Tab	CONTRACTOR OF								
Type Re		X-Value		Y-Value		Function		Function R	esult
M1	1	3.52399 GH		21.26 dBm	ndB	2020		26.0	i dB
T1	1	3.45853 GH 3.54101 GH		-6.64 dBm -3.84 dBm	ndB down 8 O Factor	BW		82.48 M	HZ 12.7



## n77L,80MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

	• Spectr							
Ref Level 2 Att TDF "1"		Inset         1.70 dB         RBW         2 MB           NT         1.01 ms         VBW         10 MB						
I Frequency	Sweep							01Pk View
		M1					M1[1]	19.69 dBm
20 dBm	-		mount	mann	m			3.461890 GH
				C1 200220000				
10 dBm	2							
1942								
) dBm		12			12			
10 dBm		The second se						
10 dBm-	hin	mall when when when			bro	Amount	10.670	
20 dBm	al all may and	manimum			100	and the second s	Mannell	
Munorthypy	NI PA						We show	and a second
-30 dBm				-				
-40 dBm								
-50 dBm								
-60 dBm								
-70 dBm								
CF 3.50001 0	GHz		001 pts	24.	0 MHz/		Sr	an 240.0 MHz
2 Marker Tal	0.01028		out pas		o many			
Type R		X-Value	Y-Value		Function	1.	Function Re	
M1 T1	1	3.46189 GHz 3.45853 GHz	19.69 dBm -6.13 dBm	ndB ndB down B	M		26.0 82.48 M	
T2	1	3.54101 GHz	-4.69 dBm	Q Factor	rv.			2.0

## n77L,80MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

MultiView	- Spectru	m					
Ref Level 26	70 dBm Off	set 1.70 dB = RBW 2	MHz				
Att TDF "1"			MHz Mode Auto Sweep				
Frequency S	Sweep						0 1Pk View
				MS		M1[1]	19.44 dBn
20 d8m			mannon	Marammin Maran			3.528540 GH
0 dBm	-						
) dBm					<u></u>		
10 dBm		1					
10 000	. In aport	proventionalist			monorman	Marine	
20 dBm Thendely	COLOR MEN				10100	- www.shar	pur manufand
30 dBm							
40 dBm	2						
50 d8m	-						
60 dBm	-						
70 dBm							
F 3.50001 G	Hz		1001 pts	24.0 MHz/		Sp	an 240.0 MHz
Marker Tab	le				10 A		
Type Re	f Trc	X-Value	Y-Value	Function	ļļ.	Function Re	
M1	1	3.52854 GHz	19.44 dBm	ndB		26.0 82.48 MI	
T1 T2	1	3.45853 GHz 3.54101 GHz	-7.53 dBm -5.26 dBm	ndB down BW O Factor			1Z 2.8
	1				Measuring		40 28.02.2023 13:16:43



#### MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 2 MHz Att 25 dB SWT 1.01 ms VBW 10 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 16.94 dBr 3.511280 GH 20 dBmman ha a 10 dBm O dB -10 dB Why many and the second of the Mar man Mar -20 di WW - 3d de 40 dB -50 dBr -60 dBm -70 dBm CF 3.50001 GHz 1001 pts 24.0 MHz/ Span 240.0 MHz 2 Marker Table Function Result Ref Trc Eurocti 16.94 dBm 3.51128 GHz ndB ndB down BW Q Factor 82.48 MHz -9.25 dBm -7.57 dBm 3.45853 GHz 3.54101 GHz 13-1

## n77L,80MHz Bandwidth, DFT-s-256QAM (-26dBc BW)



	<ul> <li>Spectru</li> <li>6.70 dBm Offer</li> </ul>	m set 1.70 dB = RBW	2 MHz						
Att TDF "1"	25 dB SW	T 1.01 ms 🖷 VBW	10 MHz Mo	de Auto Sweep					
1 Frequency	Sweep								01Pk View
					MI			M1[1]	18.60 dBm
20 dBm	-		a	Manan		mann			3.515830 GHz
			1	a cana anone		"Contrary			
10 dBm					-				
0 dBm			_						
			TA			12			
-10 dBm-			7			X X			
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ng dha	al north for the	and the second				- X.	Landrade (Sproud Park	Murgar	No.
-20 dBm	a the second sec							A MARY	Manager and and
a fraction the								· · · · · · · · · · · · · · · · · · ·	- WIN
-30 dBm		-							
-40 dBm									
-50 dBm									
-60 dBm									
-BU UBrn-									
-70 dBm-									
CF 3.50001 0	GHz		1001 pt	5	24	4.0 MHz/		Sp	an 240.0 MHz
2 Marker Tal			22						
Type R	ef Trc	X-Value		Y-Value	1000	Function	1.	Function Re	
M1	1	3.51583 GHz	1	.8.60 dBm	ndB			26.0	dB
T1 T2	1	3.45853 GHz 3.54149 GHz		-7.74 dBm -7.29 dBm	ndB down I O Factor	BW		82.96 M	HZ 2.4
14	1	0.04149.0112		-7.23 GDIT	Q Tactor				10 20.02.2023



## n77L,80MHz Bandwidth, CP-16QAM (-26dBc BW)

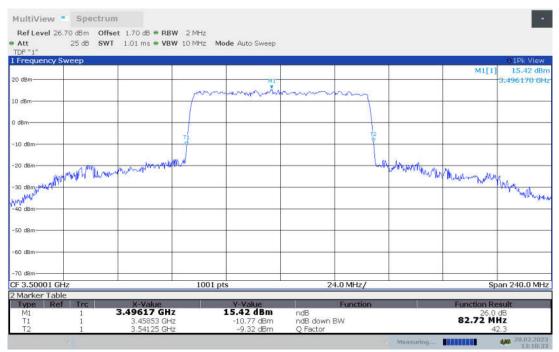
Att TDF "1"		1.01 ms 🖷 VB	W 10 MHz Mo	de Auto Sweep					
Frequency	Sweep	1	-				1	M1[1]	1Pk View 18,44 dBr
0 d8m	2	-	and with	MI	man			(M1[1]	3.487540 GH
0 dBm						man may			
) ubm									
dBm						12			
10 dBm		anna an Mar	- F			ţ.	in a		
20 dgm	appelle any man	Metra Marchan in	V 7			- my	and many many many	maller man	Prot 10
	NS	an alpena an 1940					Her Warman a		to the way
40 dBm									
50 dBm									
60 dBm									
70 dBm									
ro denti			1001 pt	s	24	1.0 MHz/		Sp	an 240.0 MH
F 3.50001 G Marker Tab	CONTRACTOR OF		1001 pt						

## n77L,80MHz Bandwidth, CP-64QAM (-26dBc BW)

DF "1"		T 1.01 ms = VBW	10 MHz Moo	de Auto Sweep					
Frequency	Sweep	1					1	M1[1]	18.21 dBr
dBm					M			MILI	3.523510 GH
S.S.M			more	monor	nonnon	mound			5.525510 0
dBm-			f .						
di Di Ti									
Bm			1						
Ditt			1			20			
dBm			4			Ý			
i dBm-		purunmund	N.			100	termilant New		
- in the second s	numan	Mar manus and and				-wy	termidmitting.	Mr. Miller	
dBm WYY	manner							A WINNY	MAG
many 1								The second se	and the second
rdBm									
dBm	-								
dBm									
dBm	-								
dBm									
3.50001 0	GHz		1001 pts	6	24	1.0 MHz/		Sp	an 240.0 MH
1arker Tal			-						
ype R	ef Trc	X-Value		Y-Value	100000	Function		Function Re	
M1 T1	1	3.52351 GHz 3.45853 GHz	1	8.21 dBm -8.83 dBm	ndB ndB down 8	DIA		26.0 82.96 M	
T2	1	3.54149 GHz		-8.13 dBm	Q Factor	DAA			2.5



## n77L,80MHz Bandwidth, CP-256QAM (-26dBc BW)

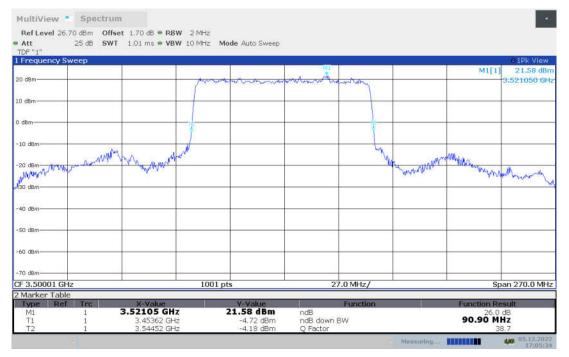




## n77L,90MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
Frequency (MHZ)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3500.01	90.90	90.90	90.90	90.90	90.90	92.79	93.06	92.79	92.79

#### n77L,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



## n77L,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

I Frequency	Sweep							01Pk View
				M1			M1[1]	21.32 dB
0 dBm			m	to month when	monorman	N.		3.466290 G
0 dBm								
dBm						*		
			1					
10 dBm	200 100 1000100	An and we have the	United			ta la	Anna an	
20. dBm Mile	progetration	in Minhal	1			- monthly	Warman Municipality	hand
pro me	2						CONTRACT A	111111111
30 dBm								
			-					
40 dBm								
			+					
50 dBm								
50 dBm								
50 dBm 60 dBm 70 dBm								
50 dBm 60 dBm 70 dBm F <b>3.50001 0</b>			100	11 pts	27.0 MHz	2/	Sp	an 270.0 M
50 dBm 60 dBm 70 dBm F 3.50001 C Marker Tal Type R(	ble	X-Value		Y-Value	Funct	* 	Function Re	sult
40 dBm 50 dBm 60 dBm 70 dBm 70 dBm 71 dBm 72 dBm 70 dBm	ble	X-Value 3.46629 G 3.45362	iHz			* 		<b>sult</b> dB



## n77L,90MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

Ref Level		et 1.70 dB = RBW							
Att TDF "1"	25 08 SWI	f 1.01 ms 🗢 VBW	10 MHZ MO	de Auto Sweep					
I Frequency	/ Sweep								O 1Pk View
			MI					M1[1]	
20 dBm			hinnering	monor	monten	non			3.456850 GH
10 dBm					-	1			
			1						
0 dBm			1			12		-	
10 dbee						1 Y			
-10 dBm-	1 kunnte	and many many	1				and an and a street of the		
-20 dBm	Bolo Manager B	V AVIANA				W.	1 and a country Mrs.	month way to	
MANT MAPON								NOW:	enonicements.
-30 dBm									
-40 dBm	_								
-50 dBm									
-60 dBm									
-70 dBm									
CF 3.50001	GHz		1001 pt	S	27	7.0 MHz/		Sp	an 270.0 MHz
2 Marker Ta									
Type R M1	ef Trc	X-Value 3.45685 GHz	-	V-Value 19.38 dBm	ndB	Function	10	Function Re 26.0	
T1	1	3.45362 GHz		-5.61 dBm	ndB down I	BW		90.90 M	Hz
T2	1	3.54452 GHz		-5.10 dBm	Q Factor			3	8.0 10 20.02.2023

## n77L,90MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

Att		et 1.70 dB • RBW 1.01 ms • VBW 1		de Auto Sweep					
Frequency S	Sweep								01Pk View
				MIS				M1[1]	the second state of the se
0 dBm			mon	mont	monorm	mm			3.495420 GH
0 dBm	-				-				
dBm									
10 dBm		1				TP +			
to ubm-	a dealled	manus and any				pres	monu	(A)	
20 dBm What	Charlow Part and	an and a second						Manageralliper	manne
90 dBm									
40 dBm									
50 dBm									
60 dBm									
70 dBm									
F 3.50001 G	Hz		1001 pt	5	27	7.0 MHz/		St	an 270.0 MH
Marker Tab	le								
Type Re	f Trc	X-Value		Y-Value		Function		Function R	
M1 T1 T2	1	3.49542 GHz 3.45362 GHz 3.54452 GHz	1	.9.20 dBm -7.33 dBm -6.05 dBm	ndB ndB down I O Factor	BW		90.90 M	



#### MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 2 MHz Att 25 dB SWT 1.01 ms VBW 10 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 17.53 dB 20 dBm-3.477890 GH um 10 dBm 0 dB -10 dE -30 deptated and Marin Share Wheel marine and the particular and the second an -40 dBr -50 dBr -60 dBm -70 dBm CF 3.50001 GHz 1001 pts 27.0 MHz/ Span 270.0 MHz 2 Marker Table **Eunction Result** Ref Trc 17.53 dBm 3.47789 GHz M1 T1 T2 ndB ndB down BW Q Factor 90.90 MHz 3.45362 GHz 3.54452 GHz -8.69 dBm -7.60 dBm 28.02.2

## n77L,90MHz Bandwidth, DFT-s-256QAM (-26dBc BW)



MultiVie	w Spectru	Im				
		fset 1.70 dB = RBW 2 MH	Z			
Att		VT 1.01 ms . VBW 10 MH				
TDF "1"						
1 Frequen	ncy Sweep					01Pk View
0.0 .10			M1		M	11[1] 19.02 dBm
20 dBm		p.	mannihund	monorman		3.483830 GHz
1000-0000						
10 dBm	3					
0 dBm				12		
		7		Ý		
-10 dBm		the base of			n ac	
	1 K A MARCH	udurman and			hellowing a land of the stand o	
-20 dBm	I MANA MELANOVATION	1.0			and the second second second	A Mouth w.
property	P					and all when when you
-30 dBm						
-40 dBm						
-50 dBm						
~60 dBm						
-70 dBm-						
CF 3.5000	11 GHz	1	001 pts	27.0 MHz/		Span 270.0 MHz
2 Marker	Children and Chi					epert er ere
Type	Ref Trc	X-Value	Y-Value	Function	Functio	on Result
M1	1	3.48383 GHz	19.02 dBm	ndB		26.0 dB
T1 T2	1	3.45362 GHz 3.5464 GHz	-8.05 dBm -6.72 dBm	ndB down BW O Factor	92.7	9 MHz 37.5
12	1	3. 3404 GHZ	-0.72 dbm	Q racio		
					Measuring	28.02.2023



## n77L,90MHz Bandwidth, CP-16QAM (-26dBc BW)

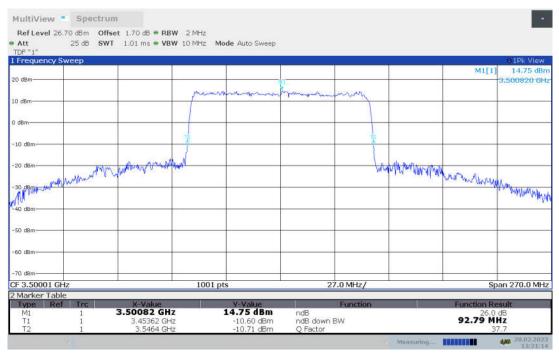
DF "1"		1.01 ms 🖷 VB	W 10 PH 12 P	<b>4ode</b> Auto Sweep					
Frequency :	Sweep								01Pk View
			MI					M1[1]	and the second se
dBm			Annon	immonth	Margan	when we			3.458740 GI
dBm-	3					1		-	-
						1			1
Bm						10		1	
			T.			12			
0 dBm	-	ALC N. ADD. SA	-	-		100	223		
	A standing of	Mar Marin	kul "			NV.	The Mounder of	Wywallowan w	
I dBm	Antantan						A D Maker	THE REAL PROPERTY OF THE STATE	
Annah								N N	mount
0 dBm	2	-					-	+	
									1
) dBm									
									1
) dBm	_						-		
									1
) dBm				_					
) d8m								<u> </u>	
3.50001 G	Hz		1001	pts	27	'.0 MHz/		S	pan 270.0 M
Aarker Tab	ole						28		
Type Re	f Trc	X-Value		Y-Value	- Internet	Function		Function Re	
M1	1	3.45874 GH		18.35 dBm	ndB			26.0 93.06 M	dB
T1 T2	1	3.45335 GH 3.5464 GH		-8.57 dBm -7.22 dBm	ndB down E O Factor	5VV			HZ 7.2

## n77L,90MHz Bandwidth, CP-64QAM (-26dBc BW)

Att DF "1"		et 1.70 dB • RBW 1.01 ms • VBW		de Auto Sweep					
Frequency S	weep								01Pk View
			143					M1[1]	
) dBm			month	aniguaman	month	And the An			3.470070 GH
14						Law a			
dBm			1			1			
Bm			1						
			-			1			
1 dBm			1			1			
- upin	200	Newman	1			A,	m Marken Marken and		
dBm	mondin	w Man was					and marked and the	An A	
miller	Million in						10. <u>10</u> .	and when	thorn we
dem		-							A Andrewing
dBm									
dBm									
dBm									
dBm									
3.50001 GF			1001 pt	1	27	'.0 MHz/		Sp	an 270.0 MH
Aarker Tabl									
M1 Ref	Trc	X-Value 3.47007 GHz	1	Y-Value 7.74 dBm	ndB	Function	14	Function Re 26.0	
T1	1	3.45362 GHz		-8.08 dBm -6.64 dBm	ndB down E O Factor	3W		92.79 M	



## n77L,90MHz Bandwidth, CP-256QAM (-26dBc BW)

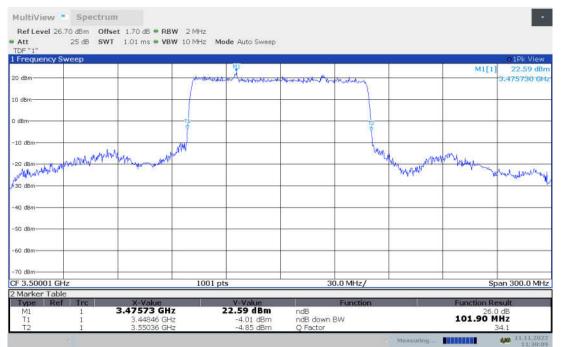




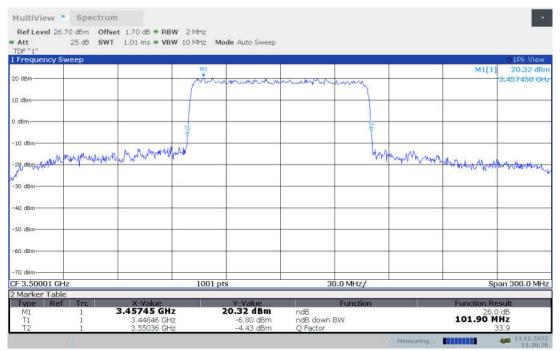
## n77L,100MHz(-26dBc BW)

Froguenov		Emission Bandwidth (-26dBc BW) (MHz)												
Frequency (MHz)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM					
3500.01	101.90	101.90	101.90	101.90	101.90	103.10	103.10	103.10	102.80					

## n77L,100MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



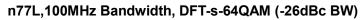
## n77L,100MHz Bandwidth,DFT-s-QPSK (-26dBc BW)





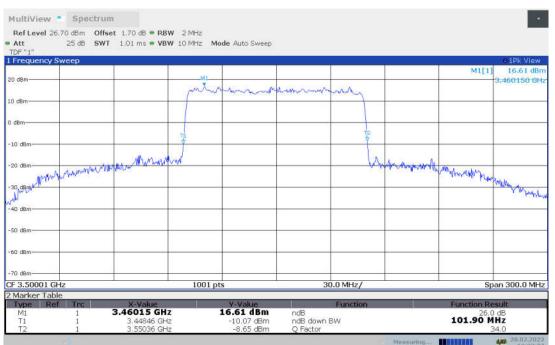
Type Rel M1 T1 T2		X-Value 3.48952 GHz 3.44846 GHz 3.55036 GHz	2	V-Value 19.27 dBm -8.15 dBm -6.09 dBm	ndB ndB down I O Factor	Function BW		Function Ro 26.0 101.90 M	) dB
F 3.50001 GF Marker Tabl	1.2 M		1001 p	ts	30	0.0 MHz/		Sp	an 300.0 MH
70 dBm									
60 dBm				-					
50 dBm									
40 dBm									
30 dBm		-							
20 dBm	and all and a second	mutanana				n.	Man anna	How was and the second second	Wahankow
10 dBm		in 1 res. MR	at the second se	-					
l dBm			12			12			
0 dBm							-		
10 d8m			por	MI	mon	alway		(III)	3.489520 GF
Frequency S	weep		-				-	M1[1]	1Pk View 19.27 dBr
Att IDF "1"	25 dB SW1	et 1.70 dB • RBV 1.01 ms • VBV		ode Auto Sweep					

## n77L,100MHz Bandwidth, DFT-s-16QAM (-26dBc BW)



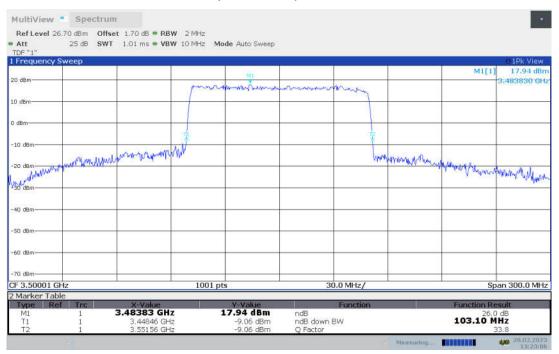
DF "1"	25 dB SW	T 1.01 ms = VBV	V 2 MHz V 10 MHz M	lode Auto Sweep					
Frequency	Sweep								01Pk View
			Mi					M1[1]	and the second
dBm			phrase	manon	non	man			3.454760 GI
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			T			Te V			
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dBm	Why wanted . La				· · · · · · · · · · · · · · · · · · ·		× 6.4	persona and	N Mar
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	1								
dBm		_							
dBm									
dBm	201-		1001 -			D D MULT		6-	an 300.0 MH
Aarker Ta	ALCONOM		1001 p	its.	31	0.0 MHz/		5	Jan 300.0 MF
	ef Trc	X-Value		Y-Value	lenar and the second se	Function		Function Re	esult
M1	1	3.45476 GHz		18.70 dBm	ndB			101.90 M	D dB
T1 T2	1	3.44846 GHz 3.55036 GHz		-8.42 dBm -6.43 dBm	ndB down I O Factor	BW			33.9





## n77L,100MHz Bandwidth, DFT-s-256QAM (-26dBc BW)

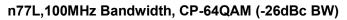
## n77L,100MHz Bandwidth, CP-QPSK (-26dBc BW)





#### MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 2 MHz Att 25 dB SWT 1.01 ms VBW 10 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 17.81 dBr 20 dBm-3.470640 GH m non nen AL AN Mar Arm 10 dBm 0 di -20 dBm Martine Aller An Yeerin an Aller the manus of Amount of the work of 40 dB -50 dBr -60 dBm -70 dBm CF 3.50001 GHz 1001 pts 30.0 MHz/ Span 300.0 MHz 2 Marker Table **Eunction Result** Typ Ref Trc 3.47064 GHz 17.81 dBm ndB ndB down BW Q Factor M1 T1 T2 103.10 MHz -7.03 dBm -8.74 dBm 3.44846 GHz 3.55156 GHz 130 28.02.

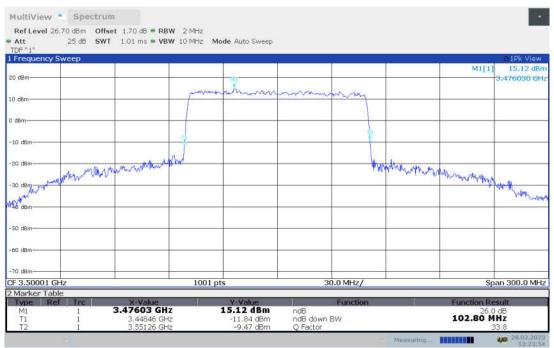
## n77L,100MHz Bandwidth, CP-16QAM (-26dBc BW)



0 dBm									
0 dBm									
0 dBm									
C dBm	warred - when	Mar Marken					mondana	Jordan Manure	minimation
0 dBm	who as a	monorman	2			Te official states and the states an	mandala		
dBm									
dBm			manne	minim	MI internation	mm			3.513800 GH



## n77L,100MHz Bandwidth, CP-256QAM (-26dBc BW)

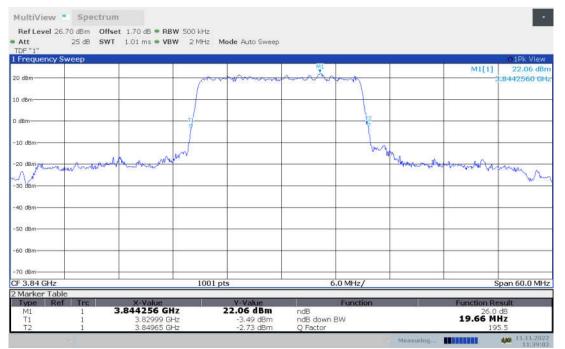




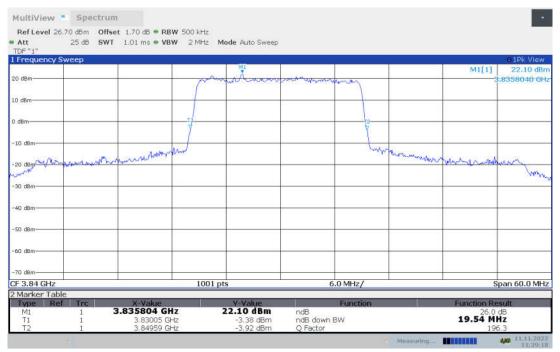
## n77H n77H,20MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3840	19.66	19.54	19.54	19.72	19.78	19.96	20.14	20.20	19.96

## n77H,20MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

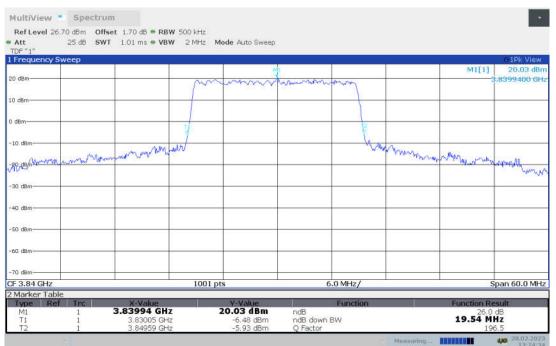


## n77H,20MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

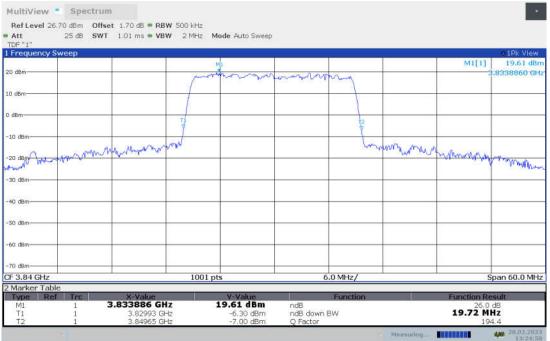




## n77H,20MHz Bandwidth, DFT-s-16QAM (-26dBc BW)



# n77H,20MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

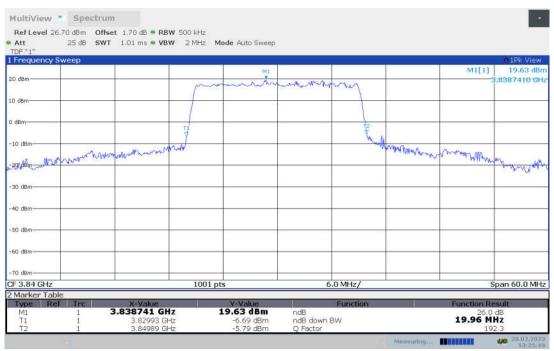




#### MultiView Spectrum RefLevel 26.70 dBm Offset 1.70 dB • RBW 500 kHz • Att 25 dB SWT 1.01 ms = VBW 2 MHz Mode Auto Sweep TDF 1 Frequ M1[1] 18.01 dBr 20 dBm-8375420 GH m have A mmm 10 dBn O dB -10 dB -20 de man way way ×1, 30 dBh 40 di -50 dB -60 dBm -70 dBn CF 3.84 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz 2 Marker Table **Eunction Result** Type Ref Trc 3.837542 GHz 18.01 dBm ndB ndB down BW Q Factor M1 T1 T2 19.78 MHz 3.82999 GHz 3.84977 GHz -7.26 dBm -8.43 dBm 100

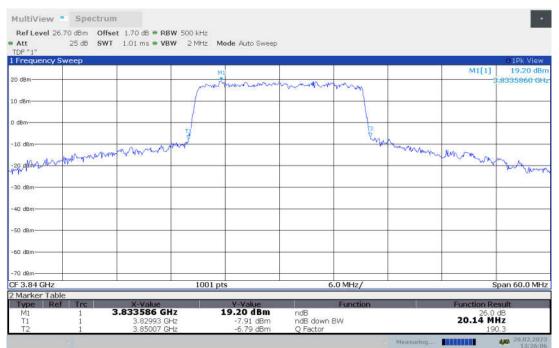
## n77H,20MHz Bandwidth, DFT-s-256QAM (-26dBc BW)







## n77H,20MHz Bandwidth, CP-16QAM (-26dBc BW)

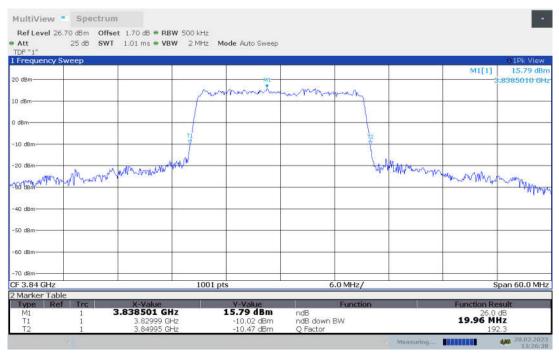


## n77H,20MHz Bandwidth, CP-64QAM (-26dBc BW)

Att		fset 1.70 dB = RBW VT 1.01 ms = VBW		Mode Auto Sweep					
TDF "1" Frequency S	Swaan								01Pk View
intequency a	sweep							M1[1]	and the second se
20 d8m				MI				with	3.8373630 GHz
			m	mann	manah	maile			5.0575050 Gri
0 dBm-			n le			0.00			
U UBIII	2								
dBm									
ubm			T.			72			
		1	and			Ener	3		
10 dBm							Mar .		
	121 2 2	Managramme					a company	AND ION	all a line and the
20 dBm	S Maring and							Part Parts	mond.
Production and Production									- Andre
30 dBm								-	-
40 dBm									
50 dBm								-	-
60 dBm									
70 dBm									-
F 3.84 GHz	-		1001	ots	6	.0 MHz/		1	Span 60.0 MHz
Marker Tab	le								
Type Re	All statements and st	X-Value		Y-Value	10000	Function		Function R	esult
M1	1	3.837363 GHz		19.51 dBm	ndB	2012 C		26.0	) dB
T1 T2	1	3.82993 GHz 3.85013 GHz		-7.08 dBm -6.71 dBm	ndB down 8 O Factor	BW		20.20 M	1Hz 90.0



## n77H,20MHz Bandwidth, CP-256QAM (-26dBc BW)

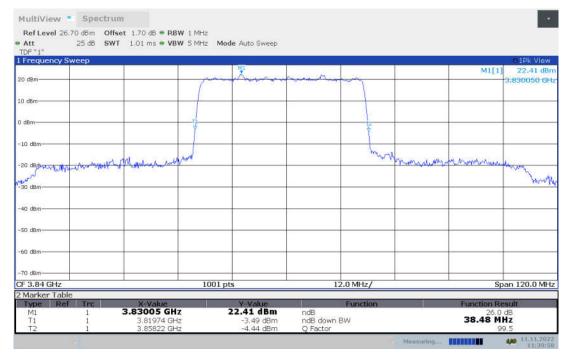




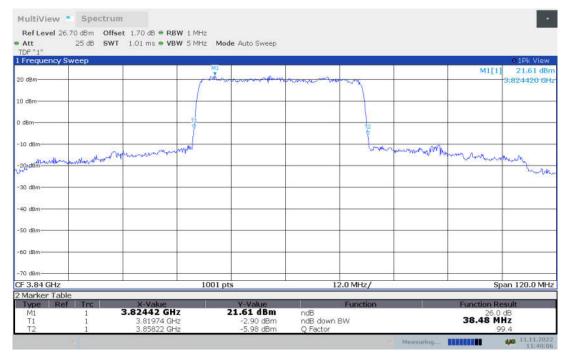
## n77H,40MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
Frequency (MHZ)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3840	38.48	38.48	38.48	38.24	38.36	40.64	40.52	40.52	40.52

#### n77H,40MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)

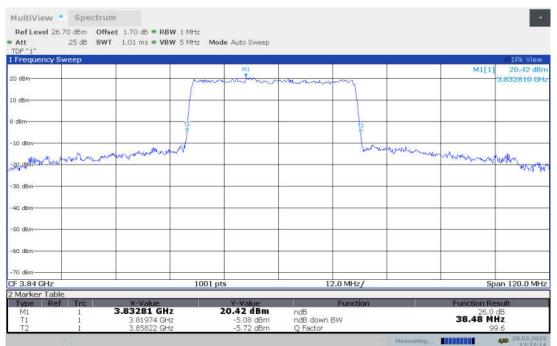


## n77H,40MHz Bandwidth,DFT-s-QPSK (-26dBc BW)





## n77H,40MHz Bandwidth, DFT-s-16QAM (-26dBc BW)



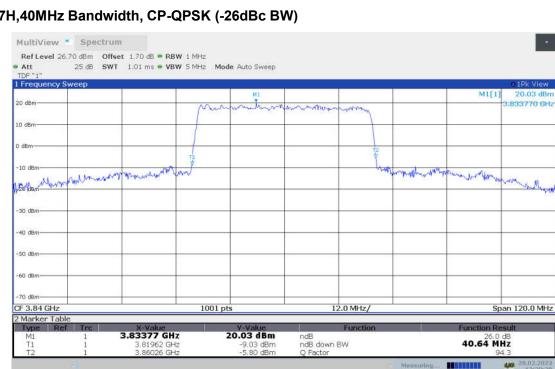
## n77H,40MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

MultiView	- Spectru	m							
Ref Level 2 Att TDF "1"		set 1.70 dB • RBW 1 T 1.01 ms • VBW 5		e Auto Sweep					
I Frequency	Sweep								01Pk View
			M1					M1[1	20.73 dBm
20 dBm				monor	mannow	my			3.823460 GHz
10 dBm	-				-			-	
0 dBm			ų			E.			
-10 dBm			<u> </u>			Munn.			
20 dama	mall mark	Mydenskappensande				10.00	wat your Make w	her man and	amonate i
24-F									an Iw
-30 dBm									
40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
CF 3.84 GHz			1001 pt	5	13	2.0 MHz/		S	pan 120.0 MHz
Marker Tab							14		
M1 T1 T2	1 1 1	X-Value 3.82346 GHz 3.81986 GHz 3.8581 GHz	2	V-Value 20.73 dBm -3.65 dBm -4.96 dBm	ndB ndB down Q Factor	Function BW		Function R 26.0 38.24 M	) dB
16	-91	5.5501.6112		a so dom	Q I OCLUI		Measuring	10. 2 14 15 A 16 15 16 17	40 28.02.2023 13:27:30



#### MultiView Spectrum RefLevel 26.70 dBm Offset 1.70 dB . RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep • Att TDF 1 Frequ M1[1] 18.34 dBr 20 d8m 1.845390 GH mount mound 10 dBn O de -10 dB parting Alla Manana -20 dB month VIL. agender monthere 40 di -50 dBr -60 dBm -70 dBn CF 3.84 GHz 1001 pts 12.0 MHz/ Span 120.0 MHz 2 Marker Table Function Result Typ Ref Trc 18.34 dBm 3.84539 GHz ndB ndB down BW Q Factor M1 T1 T2 38.36 MHz 3.81974 GHz 3.8581 GHz -7.48 dBm -5.63 dBm 100

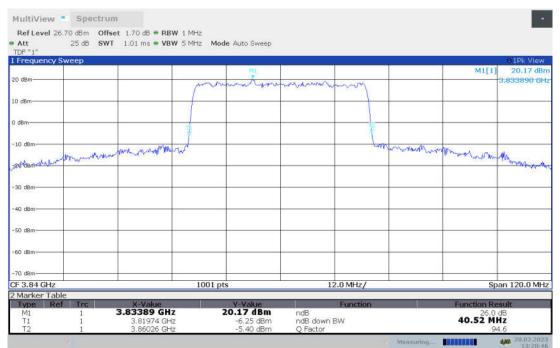
#### n77H,40MHz Bandwidth, DFT-s-256QAM (-26dBc BW)



## n77H,40MHz Bandwidth, CP-QPSK (-26dBc BW)



## n77H,40MHz Bandwidth, CP-16QAM (-26dBc BW)

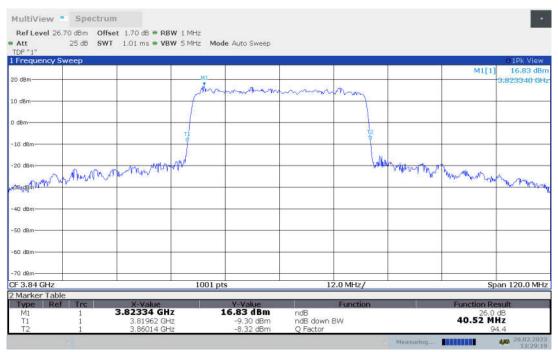


## n77H,40MHz Bandwidth, CP-64QAM (-26dBc BW)

MultiView	• Spectru	Im							•
Ref Level 26	5.70 dBm Off	set 1.70 dB = RBW	1 MHz						_
Att	25 dB SW	T 1.01 ms • VBW	5 MHz Mod	e Auto Sweep					
TDF "1" Frequency S	Sween								01Pk View
rrequency a	Sweep							M1[1]	and the second se
20 d8m	-			MI				wirtr)	3.833890 GH
			provident	monther	have marked	money			5,00000000
0 dBm			1						
U UDITI	2								
) dBm			та			12			
			Ý			Y			
-10 dBm	1 10	diament of the second	1			W	Marian .	15.	
UNIVOUS	Mahan	warm mall war					and a Marchak	munda	
20 d8m	Carrier Construction							The second se	What was the
1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.									9
-30 dBm	-								
40 dBm									
to dom									
-50 dBm									
60 dBm									
-70 dBm									
CF 3.84 GHz			1001 pt	1	12	2.0 MHz/		S	an 120.0 MHz
Marker Tab	le		22						
Type Re	f Trc	X-Value		Y-Value	10000	Function	ļļ.	Function Re	
M1	1	3.83389 GHz	1	9.57 dBm	ndB			26.0	dB
T1 T2	1	3.81974 GHz 3.86026 GHz		-6.18 dBm -5.30 dBm	ndB down E O Factor	SVV		40.52 M	HZ 4.6
1.4	14	0.00020 GHz		-0.00 UDIT	2 I ALLUI				en op i



## n77H,40MHz Bandwidth, CP-256QAM (-26dBc BW)

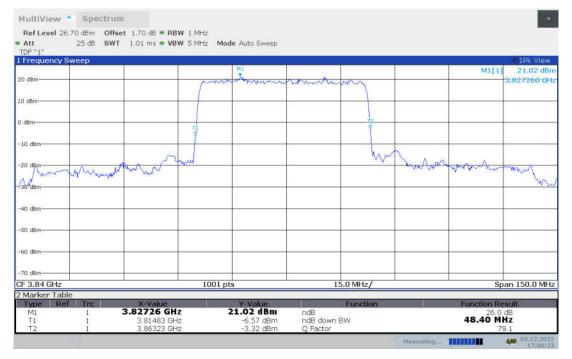




## n77H,50MHz(-26dBc BW)

Frequency (MHz)	Emission Bandwidth (-26dBc BW) (MHz)										
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM		
3840	48.40	48.70	48.55	48.25	48.55	50.35	50.35	50.35	50.35		

n77H,50MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



## n77H,50MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

TDF "1" Frequency Sy	veep								01Pk View	
Substantia Industriation Albert	60000L0				Mi			M1[1]	20.21 dB	
0 dBm			room	mathemath	monthing	min			3.848990 G	
2-22				- 23						
0 dBm		- 1 I								
dBm										
ubin			Ţ			72				
10 dBm										
			al l			8.44	mann			
20 dBmm	and a sound	mar and the second	MY~			2	a browning and	man with a	Star may	
$\sim$	war in provinsi								w.	
30 dBm										
1000000000										
40 dBm										
50 dBm										
30 000										
60 dBm										
70 dBm										
F 3.84 GHz			1001	pts	1.	5.0 MHz/		Sr	an 150.0 M	
Marker Table	Trc	X-Value		Y-Value		Function		The second s	SPREIT	
	and the second second	3.84899 GHz		20.21 dBm	ndB		(6)	Function Result 26.0 dB		



# n77H,50MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

DF "1" Frequency Swe		1.01 ms 🖷 VBV	in ormal in	ode Auto Sweep					0 1Pk View
				MI				M1[1]	
0 dBm			prom	winnin	mound	mony			3:829060 GF
) dBm								-	
dBm									
			T1			12			
10 dBm					-	-			
an have the second second second second	mannel	amora Auto	Mr.A.			helling	at management	armalyna	henry
V	2010 100							^ ^	John A
30 dBm									
40 dBm									
50 dBm				_					
60 dBm									
70 dBm									
F 3.84 GHz			1001	ots	15	.0 MHz/		Sp	an 150.0 MH
Marker Table									

### n77H,50MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

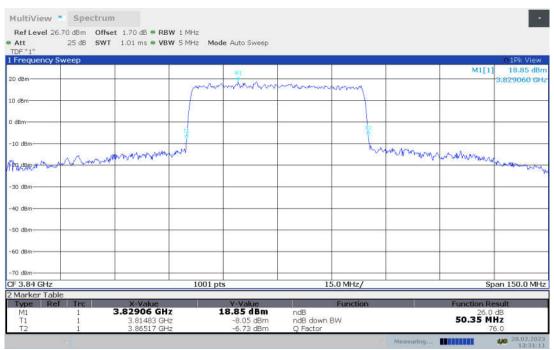
MultiView	- Spectru	ım							
Ref Level 2 Att TDF "1"		set 1.70 dB = RBW 1 /T 1.01 ms = VBW 5		Sweep					_
Frequency	Sweep								0 1Pk View
					MI			M1[1]	19.73 dBn
20 dBm			mon	mm	norm	may			3.851690 GH
LO dBm	-						-		
) dBm	-		η			12			
-10 dBm									
20 dBm	mound	- Annow many				fund	monorth	- Allenson and	who have
-30 dBm									
40 dBm							-		
50 d8m									
60 dBm									
70 d8m									
F 3.84 GHz			1001 pts		15	5.0 MHz/		Sp	an 150.0 MHz
Marker Tal		N 455 NO 1 1 155		1901-0					
Type R M1 T1 T2	2f Trc 1 1 1	X-Value 3.85169 GHz 3.81498 GHz 3.86323 GHz			ndB ndB down 8 Q Factor	Function BW		Function Re 26.0 48.25 M	dB
	1						Measuring		40 20.02.2023 13:30:11



#### MultiView Spectrum RefLevel 26.70 dBm Offset 1.70 dB . RBW 1 MHz 25 dB SWT 1.01 ms = VBW 5 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 16.81 dBr 20 dBm-1.839700 GH how w mour m. Ir 10 dBn O de 10 dE and man man and a second and a s -20 de 1 M V30 dem 40 dB -50 dBn -60 dBm -70 dBm CF 3.84 GHz 1001 pts 15.0 MHz/ Span 150.0 MHz 2 Marker Table Function Result Type Ref Trc 3.8397 GHz 16.81 dBm ndB ndB down BW Q Factor M1 T1 T2 48.55 MHz 3.81483 GHz 3.86338 GHz -8.60 dBm -9.01 dBm 100 2

#### n77H,50MHz Bandwidth, DFT-s-256QAM (-26dBc BW)







# n77H,50MHz Bandwidth, CP-16QAM (-26dBc BW)

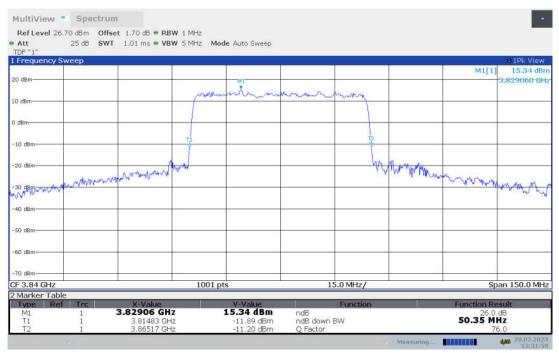
MultiView	and the second second						
Att		ffset 1.70 dB = RBW 1 MH WT 1.01 ms = VBW 5 MH					
TDF "1" Frequency	Sween						01Pk View
rinequeriey	Bircep		1000			M1[1]	18.74 dBn
20 d8m			M1	monumen			3.829060 GH
		1	Armonda Connerts on An Look	an some mand			
LO dBm							
) dBm							
		T		12			
-10 dBm				X	V.A. 4		
	The small	Any man and and			monoran	monoralization	0.002
20 dBm And	WA ADOCTOR O	manymonomical				- Marine Marine	man man m
-30 dBm						_	
-40 dBm							
-50 dBm						_	
-60 dBm							
-70 dBm		_				_	
CF 3.84 GHz	8		1001 pts	15.0 MHz/		Sp	an 150.0 MHz
2 Marker Ta			The second second				
Type R M1	ef Trc	X-Value 3.82906 GHz	V-Value 18.74 dBm	Function		Function Re 26.0	
T1	1	3.81483 GHz	-7.23 dBm	ndB down BW		50.35 MI	Ηz
T2	1	3.86517 GHz	-7.68 dBm	Q Factor			5.0 20.02.2023

# n77H,50MHz Bandwidth, CP-64QAM (-26dBc BW)

Att		fset 1.70 dB • RBW VT 1.01 ms • VBW		de Auto Sweep					
Frequency	Sweep								01Pk View
20 d8m			purch	MI	when when in	mana		M1[1	] 18.07 dBr 3.828910 GH
0 dBm	-				0.00				
l dBm			1			100			
10 dBm			w.			12 Vm	Whense		
20 dBm	Annor	A Annung MP					man mentre	- and may	mon
30 dBm									
40 dBm									
50 dBm	-								
60 dBm									
70 dBm									
F 3.84 GHz			1001 p	ts	1	5.0 MHz/		S	pan 150.0 MH:
Marker Tab Type Re M1 T1		X-Value 3.82891 GHz 3.81483 GHz	1	V-Value 18.07 dBm -8.80 dBm	ndB ndB down l	Function BW	i.	Function R 26.0 50.35 M	) dB



### n77H,50MHz Bandwidth, CP-256QAM (-26dBc BW)

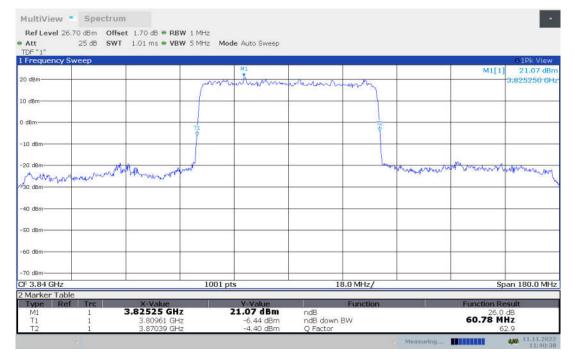




#### n77H,60MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3840	60.78	60.60	60.78	60.96	60.78	60.78	60.78	60.78	60.78

n77H,60MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



## n77H,60MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

-	p		M		1 1	101523	0 1Pk View
0 dBm			mannam			M1[1]	20.59 dB 3:848270 G
1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		( when a	an an company an	mound			
0 dBm					1		
dBm		T.		¥			
				Ĩ			
10 dBm							
20 dBm	when the the the the	underal		him	homomore	mileting prestantes to	way and the
Jame and and an	-Arabita Manuality	A ST ALSO DO DO				-168 S2	
30 dBm							
40 dBm							
50 dBm							
60 dBm							
oo aan							
70 dBm				1 m m + + + + /		0	100 014
70 dBm F 3.84 GHz Marker Table		1001 pts		18.0 MHz/		sp	an 180.0 M



# n77H,60MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

Att TDF "1"	25 dB SWT	et 1.70 dB • RB 1.01 ms • VB'		ode Auto Sweep						
Frequency	Sweep	-					1		M1[1]	19 1Pk View 18.34 dBn
0 d8m	-					MI	_		witti	3:862300 GH
			mount	mannerman	shtransformbarrow	methody				
0 dBm	2						-			
						1				
dBm			-				-			
10 dBm			1				·			
		N 1					ha.	Annen		
20.dem	ang har	manulant	ww				X MAR	a manual Manuard	mul month and the	mintouthout
	The Allowed Strange Comme									
30 dBm										
40 dBm										
40 08/11-										
50 d8m										
60 dBm										
70 dBm										
F 3.84 GHz			1001	nte	18	.0 MHz/			Cr.	an 180.0 MH:
Marker Tal	ole		1001	pts	10	.0 Mil 127	_			an 100.0 Min
Type R		X-Value	47	Y-Value		Function		1.1	Function Re	
M1 T1	1	3.8623 GH 3.80961 GH		18.34 dBm -7.96 dBm	ndB ndB down B	w			26.0 60.78 M	dB Hz
T2	î	3.87039 GH		-4.11 dBm	Q Factor	(7.5)				3.5

### n77H,60MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

20 dbm     M1     M111     17.93       10 dbm     10 dbm     10 dbm     10 dbm     10 dbm       -10 dbm     10 dbm     10 dbm     10 dbm       -1	MultiView	spectru	m								
TDF "1"         OLDE V           1F Productoy Sweep         012k V           20 dem         M1[1]           10 dem         012k V           20 dem         012k V           2	Ref Level	26.70 dBm Of	lset 1.70 dB - RBW 1	MHz							_
L Frequency Sweep         03% V           20 dbm         Mi         M1[1]         17.93           20 dbm         M1[1]         17.93         3817340           10 dbm         0         0         0         0           0 dbm         0         0         0         0         0           -10 dbm         -10         0         0         0         0         0           -20 dbm         -10         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		25 dB SW	/T 1.01 ms = VBW 5	SMHz Mod	le Auto Sweep						
20 dbm     M1[1]     17.93       10 dbm     0     0     0       20 dbm     0     0     0       40 dbm     0     0     0       50 dbm     0     0     0       60 dbm     0     0     0       60 dbm     0     0     0       70 dbm     0     0		v Sweep									01Pk View
20 dBm 10 dBm				107					-	M1[1	] 17.93 dBn
10 dbm     10 dbm <td>20 dBm</td> <td></td> <td></td> <td></td> <td>四 交 照</td> <td>3 78</td> <td></td> <td></td> <td></td> <td></td> <td>3.817340 GH</td>	20 dBm				四 交 照	3 78					3.817340 GH
0 dBm     10 dBm <td></td> <td></td> <td></td> <td>parta</td> <td>minum</td> <td>marken</td> <td>how</td> <td></td> <td></td> <td></td> <td></td>				parta	minum	marken	how				
10 dBm     10 dBm <td>LO dBm</td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	LO dBm			-							
10 dBm     10 dBm <td></td>											
10 dBm     10 dBm <td>dBm</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	dBm			1							
20 dBm     40 dBm <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td>12</td> <td></td> <td></td> <td></td>				-				12			
20 dBm	10 dBm			ŧ				1			
30 dBm     40 dBm <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>								1			
30 dBm     40 dBm <td></td> <td></td> <td>MMM MMM</td> <td>1</td> <td></td> <td></td> <td></td> <td>lon</td> <td>nonman</td> <td>more</td> <td></td>			MMM MMM	1				lon	nonman	more	
30 dbm.         40 dbm. <t< td=""><td>20 dBm</td><td>mur Product North</td><td>Month Harris A.</td><td></td><td></td><td></td><td></td><td></td><td></td><td>a man hander</td><td>mount</td></t<>	20 dBm	mur Product North	Month Harris A.							a man hander	mount
30 dBm     40 dBm <td>An eren er an an</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1989 11</td>	An eren er an an										1989 11
50 dBm     60 dBm <td>30 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>+</td>	30 dBm										+
50 dBm     60 dBm <td></td>											
60 dBm         60 dBm<	40 dBm										
60 dBm         60 dBm<											1
To dBm         Image: Constraint of the second	50 d8m										
Yo dam         1001 pts         18.0 MHz/         Span 180.0           F 3.84 GHz         1001 pts         18.0 MHz/         Span 180.0           Marker Table         Y-Value         Function         Function Result           M1         1         3.81734 GHz         17.93 dBm         ndB         26.0 dB           T1         1         3.80961 GHz         -9.00 dBm         ndB down BW         60.96 MHz											
To dBm         Image: Constraint of the second	en dam										
F 3.84 GHz         1001 pts         18.0 MHz/         Span 180.0           Marker Table         Y-Value         Function         Function Result           M1         1         3.81734 GHz         17.93 dBm         ndB         26.0 dB           T1         1         3.80961 GHz         -9.00 dBm         ndB down BW         60.96 MHz	ou ubm										
F 3.84 GHz         1001 pts         18.0 MHz/         Span 180.0           Marker Table         Y-Value         Function         Function Result           M1         1         3.81734 GHz         17.93 dBm         ndB         26.0 dB           T1         1         3.80961 GHz         -9.00 dBm         ndB down BW         60.96 MHz											
Marker Table         Y-Value         Function         Function Result           M1         1 <b>3.81734 GHz 17.93 dBm</b> ndB         26.0 dB           T1         1         3.80961 GHz         -9.00 dBm         ndB down BW <b>60.96 MHz</b>									·		
Type         Ref         Trc.         X-Value         Y-Value         Function         Function Result           M1         1         3.81734 GHz         17.93 dBm         ndB         26.0 dB           T1         1         3.80961 GHz         -9.00 dBm         ndB down BW         60.96 MHz				1001 pt	5	11	3.0 MHz/			S	pan 180.0 MHz
M1         1 <b>3.81734 GHz 17.93 dBm</b> ndB         26.0 dB           T1         1         3.80961 GHz         -9.00 dBm         ndB down BW <b>60.96 MHz</b>											
T1 1 3.80961 GHz -9.00 dBm ndB down BW 60.96 MHz		Ref Trc				10	Function	1			
		1					DIA/			60 96 M	
		1					DAA				
28.02.		-						10	Measuring	THE REPORT OF TH	40 28.02.2023 14:25:20



#### MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 1 MHz Att 25 dB SWT 1.01 ms VBW 5 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 15.29 dBr 20 dBm-3.851870 GH in 10 dBm 0 dBr 10 dE man and a second and the second and Munny and Willingert -20 de Vm NAD ABO M 40 dB -50 dBn -60 dBm -70 dBm CF 3.84 GHz 1001 pts 18.0 MHz/ Span 180.0 MHz 2 Marker Table **Eunction Result** Tv Ref Trc Eurocti 3.85187 GHz 15.29 dBm ndB ndB down BW Q Factor M1 T1 T2 60.78 MHz -10.27 dBm -8.41 dBm 3.80961 GHz 3.87039 GHz 14:2

#### n77H,60MHz Bandwidth, DFT-s-256QAM (-26dBc BW)

## n77H,60MHz Bandwidth, CP-QPSK (-26dBc BW)

TDF "1" Frequency	Sween	T 1.01 ms = VBW	38.01092 - Millione	e Auto Sweep					01Pk View
				Ma				M1[1]	A DESCRIPTION OF A DESC
0 dBm		-	mm	V	memorian				3.823820 GF
0 dBm-			par som		C. Martin Contraction	mung			
0.001									
dBm			-						
			Ý			12 4			
10 dBm			-			Wh	mananan	<b>A</b> .	
20 dBm	monord	homesonation	×				in a name of the	a providenty	Monteres
Mar and a second	23.5.6								CONTRACT OF A
30 dBm		-							
40 dBm									
to upin									
50 dBm									
60 dBm									
70 dBm		-							-
F 3.84 GHz			1001 pt	5	18	3.0 MHz/		S	pan 180.0 MH
Marker Tab		X-Value		V-Value		Function		Function R	
M1	1	3.82382 GHz	1	.7.95 dBm	ndB			26.0	dB
T1 T2	1	3.80961 GHz 3.87039 GHz		-7.00 dBm -8.01 dBm	ndB down E O Factor	BW		60.78 M	Hz 2.9



# n77H,60MHz Bandwidth, CP-16QAM (-26dBc BW)

	State of the second								
Frequency S	sweep							M1[1]	17.96 dl
) dBm				M1					3.824000 G
			former	montum	minterna	my			0.300-0405-000-000-000-000-000-000-000-000-
dBm			-						
Bm			_						
			T	1		T2		Martanalithe	
0 dBm			<u> </u>			- CAR			
	100	normalist	-MAN	1		- V	all shares a	1 D. 1 12	
) dBm		Martinana	60				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	where we would be	a present parter
Magness				1					and the
) dBm		-							
				1					
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) dBm									
1 ubin									
) dBm									
usu.									
0 dBm									
				Ĺ					
3.84 GHz			1001 pt	i	18	3.0 MHz/		Sp	oan 180.0 M
	le .			Y-Value		Function		Function Re	and a second
		W-Mah an							
Type Re		X-Value 3.824 GHz	1		ndB	T CHILCHOIT	n.		
Marker Tab Type Re M1 T1		X-Value 3.824 GHz 3.80961 GHz		-7.94 dBm	ndB ndB down B		<u> </u>	26.0 60.78 M	dB

# n77H,60MHz Bandwidth, CP-64QAM (-26dBc BW)

MultiView	- Spectr	um							
Ref Level 26	.70 dBm 01	fset 1.70 dB = RB	W 1 MHz						
Att TDF "1"		NT 1.01 ms = VB		le Auto Sweep					
Frequency S	Sweep					-			01Pk View
				100				M1[1	17.36 dBr
10 dBm				M1					3,823640 GH
			Luna	Ammon	norman	wating			
0 dBm							-		-
dBm									
						124			
10 dBm									
			m			1 V.	ummunaa		
20 dBm	Non Man	month	r-14				marchar	- Antana unt	12
manne	ponar war	and more and					0.5%	- La des de	a sensitive many
30 dBm									
40 dBm									
+0 ubm									
50 dBm									
60 dBm									
70 dBm									-
F 3.84 GHz			1001 pt	S	18	3.0 MHz/		S	oan 180.0 MH
Marker Tab									
Type Re	Trc	X-Value 3.82364 GH		Y-Value 17.36 dBm	ndB	Function	10	Function R 26.0	
M1 T1	1	3.80961 GH		-11.26 dBm	ndB down l	RW		60.78 M	HZ
T2	1	3.87039 GH		-8.02 dBm	Q Factor	H3.5			2.9
	12						Measuring		40 28.02.202 14:26:5



# n77H,60MHz Bandwidth, CP-256QAM (-26dBc BW)

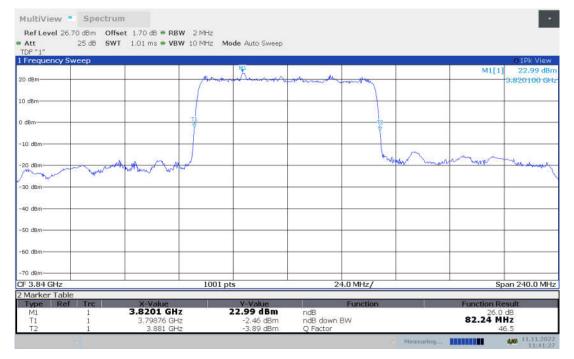
Ref Level 26 Att TDF "1"		m set 1.70 dB • RBW 1 MHz T 1.01 ms • VBW 5 MHz				
1 Frequency	Sweep					O 1Pk View
20 d8m			M1		N	41[1] 14.33 dBm 3.823640 GHz
10 dBm		- m	munum	moundering	-	
0 dBm						
-10 dBm	-	та		T2		
-20 dBm		armalmortenend			www.	- 8
-30 dBm-Allynni W-Maran Allynni	man Marian	normalizations			STATISTICS PROTOCOLOGICAL	Man mar
-40 dBm						
-50 dBm						
~60 dBm	-					
-70 dBm						
CF 3.84 GHz		1	001 pts	18.0 MHz/		Span 180.0 MHz
2 Marker Tab		X-Value	Y-Value	Function	Constant	on Result
Type         Re           M1         T1           T2         T2	1	3.82364 GHz 3.80961 GHz 3.87039 GHz	14.33 dBm -11.97 dBm -10.82 dBm	ndB ndB down BW O Factor		26.0 dB <b>8 MHz</b> 62.9



#### n77H,80MHz(-26dBc BW)

Frequency (MHz)			Emissior	n Bandwid	th (-26dBc	BW) (M	Hz)		
	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3840	82.24	82.24	82.72	82.24	82.24	82.96	82.96	82.96	82.72

n77H,80MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



## n77H,80MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

Traducticy of	weep		_	M2					O 1Pk View
0 dBm			Anna	month man	-			M1[1]	21.25 dB 3.830890 G
					- not a new recomposition	- marine			010000000
0 dBm			_					-	
dBm			-TA	-		12- t2-			
			1						
10 dBm							water a second at a		an a
20 dBm		when the house	int				and a second and a s	amount	month
1 - martin	Company of the second								
30 dBm		-						-	
40 dBm							-		
50 dBm									
su ubm									
60 dBm									
70 dBm				-				-	
			1001	ots	24	4.0 MHz/		Sp	an 240.0 MF
F 3.84 GHz Marker Tabl			0.000	199710					



# n77H,80MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

		et 1.70 dB = RBW							
Att DF "1"	25 dB SW	T 1.01 ms 🖷 VBW	/ 10 MHz	Mode Auto Sweep					
Frequency S	Sweep								01Pk View
				M1				M1[1	19.75 dBr
) dBm			Arma	minut	mon	warmen .		-	3.828730 GH
			1						
dBm	-	-	-	-					
dBm			_	_					
			TI			72			
0 dBm			7			Y			
demlanary	approximation ANAS	www.anan	vit			him	nunn	mantheman	nahanna
0 dBm		-							
0 dBm	2								
0 d8m	-								
0 dBm									
0 dBm									
= 3.84 GHz			1001	pts	24.	0 MHz/		S	pan 240.0 MH
Marker Tab									
Type Re	f Trc	X-Value 3.82873 GHz		Y-Value 19.75 dBm	ndB	Function		Function R 26.0	
6.41									
M1 T1	1	3.79852 GHz		-7.99 dBm	ndB down BV	N/		82.72 M	HZ

### n77H,80MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

Att		fset 1.70 dB • RBW /T 1.01 ms • VBW		ode Auto Sweep					
TDF "1" Frequency	Sweep								01Pk View
				ML				M1[1]	A REAL PROPERTY AND A REAL
20 d8m			www	mount	- Marine Marine	May			3.836640 GH
0 dBm	2	-							
I dBm	-		-						
10 dBm			1						
20-HBM And	monthallow	man and a second second	N				monunking	Man man Mr.	mark more mark
30 dBm									
40 dBm	-	_							
50 dBm	-								
60 dBm	-	_							
70 dBm									
F 3.84 GHz			1001 p	ts	24	4.0 MHz/		S	pan 240.0 MHz
Marker Tab		X-Value	_	Y-Value		Function		Function R	esult
M1 T1 T2	1 1	3.83664 GHz 3.79876 GHz 3.881 GHz		20.12 dBm -5.28 dBm -4.18 dBm	ndB ndB down I O Factor			26.0 82.24 M	dB



#### MultiView Spectrum Ref Level 26.70 dBm Offset 1.70 dB RBW 2 MHz Att 25 dB SWT 1.01 ms VBW 10 MHz Mode Auto Sweep • Att TDF "1" 1 Frequ M1[1] 17.53 dBr 20 dBm-3.875720 GH mon and in 10 dBm 0 dB -10 d wind dem AMM Harrison Markensky 40 dB -50 dBn -60 dBm -70 dBm CF 3.84 GHz 1001 pts 24.0 MHz/ Span 240.0 MHz 2 Marker Table **Eunction Result** Tv Ref Trc Eurocti 3.87572 GHz 17.53 dBm ndB ndB down BW Q Factor M1 T1 T2 82.24 MHz 3.79876 GHz 3.881 GHz -7.25 dBm -7.88 dBm 14:20 14:21

#### n77H,80MHz Bandwidth, DFT-s-256QAM (-26dBc BW)

### n77H,80MHz Bandwidth, CP-QPSK (-26dBc BW)

Att TDF "1"		set 1.70 dB • RBV T 1.01 ms • VBV		Mode Auto Sweep					
Frequency	Sweep								0 1Pk View
				MI				M1[1]	19.07 dBn
0 dBm			m	montomment	mmm	ming			3.819380 GH
0 dBm	2							-	
dBm									
			TA Y			12			
10 dBm-		mundenimore	m			hink	mendulation	Manushalany	Matter
20 dBmgetter	- Manual and	~month Woumard	<b>.</b>						and a proprietory
30 dBm								-	
40 dBm									
40 dBm									
40 dBm									
40 dBm 50 dBm 60 dBm 70 dBm									
40 dBm 50 dBm 60 dBm 70 dBm F <b>3.84 GHz</b>			1001	pts	24	4.0 MHz/		SF	an 240.0 MHz
30 dBm	ble	X-Volue 3.81938 GHz		Pts 19.07 dBm	24	4.0 MHz/ Function		Sp Function Re	an 240.0 MHz



# n77H,80MHz Bandwidth, CP-16QAM (-26dBc BW)

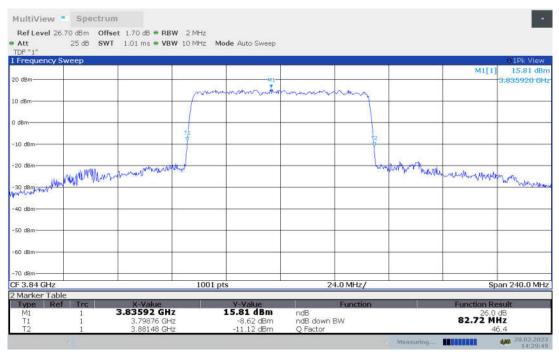
Frequency S	Sweep								01Pk View
				MI				M1[1]	19.02 dB
0 dBm			some	montiment	anna	n-turn			3:827290 GF
1-12-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1									
I dBm						a de la companya de la			
dBm						8			
abin			T			12			
0 dBm			4			Č.,			
13	see alle alle as a	warmoneway	where			in the second	nurthmask	WAR WAY DUSTILA	Will Have .
oldaman Mar	Value Value A	N CLASS ST						19.18	a man philling
ABACK BE									
0 dBm									
0 dBm									
0 dBm									
0 dBm									
0 dBm									
0 dBm									
0 dBm 0 dBm 0 dBm									
0 dBm 0 dBm 0 dBm			1001	nts	24.0	MHz/		Sr	an 240 0 MH
0 dBm	e		1001	pts	24.0	MHz/		SF	an 240.0 MH
0 dBm 0 dBm 0 dBm 0 dBm <u>3.84 GHz</u> Marker Tab		X-Volue		Y-Value	F	MHz/		Function Re	esult
0 dBm 0 dBm 0 dBm 0 dBm <del>- 3.84 GHz</del> Marker Tab		X-Value 3.82729 GH 3.79852 GI	1z			unction			esult dB

# n77H,80MHz Bandwidth, CP-64QAM (-26dBc BW)

		fset 1.70 dB = RBW VT 1.01 ms = VBW		uta Auto Curan					
TDF "1"		VI 1.01 ms - VBW	10 14112 1410	ide Adto Sweep					
Frequency	Sweep								01Pk View
			MI					M1[1]	and the second
0 dBm			min	mon	marian nal				3:812430 GH
			1	000000000000000000000000000000000000000	CONTRACTOR CONTRACTOR				
0 dBm	2					-			
			1			1			
dBm									
			TA			12			
10 dBm			7						
		10.000	- A			my	monorpor	AND THE REAL OF	
20 dBm	inda mon	man and the second second						on somewhile	man
and the service of the service of									
30 dBm									
au ubm-									
40 dBm									
50 dBm	-								
60 dBm									
70 dBm		-							
F 3.84 GHz			1001 pt	is in the second	24	.0 MHz/		Sr	an 240.0 MHz
Marker Tab	le					1			
Type Re		X-Value		Y-Value	and a second	Function		Function Re	esult
M1	1	3.81243 GHz	1	18.54 dBm	ndB	0.000.000000		26.0	dB
T1	1	3.79852 GHz		-8.94 dBm	ndB down B	3W		82.96 M	
T2	1	3.88148 GHz		-6.29 dBm	Q Factor			4	6.0 ()0 28.02.2023



### n77H,80MHz Bandwidth, CP-256QAM (-26dBc BW)

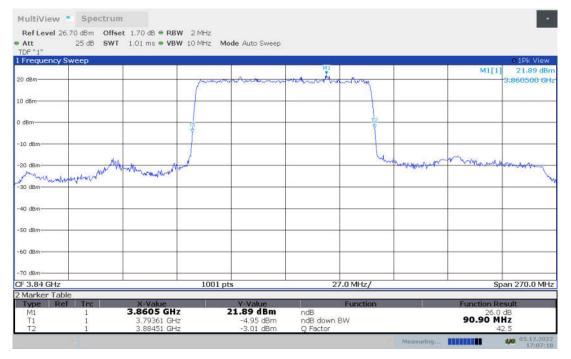




#### n77H,90MHz(-26dBc BW)

Frequency (MHz)			Emissio	n Bandwid	th (-26dBc	BW) (M	Hz)		
Frequency (Miriz)	DFT-s-pi/2 BPSK	DFT-s-QPSK	DFT-s-16QAM	DFT-s-64QAM	DFT-s-256QAM	CP-QPSK	CP-16QAM	CP-64QAM	CP-256QAM
3840	90.90	91.17	91.17	90.90	90.90	92.78	93.06	92.79	92.79
	<b>–</b> – – – – – – – – – – – – – – – – – –								

#### n77H,90MHz Bandwidth,DFT-s-pi/2 BPSK (-26dBc BW)



## n77H,90MHz Bandwidth,DFT-s-QPSK (-26dBc BW)

		M1				O 1Pk View
) dBm		<b>y</b>	mannen	A0.	M1[1]	21.17 dB 3:806280 G
		(				
) dBm				-		
dBm						
ubm		*		12		
10 dBm						
	1071797 110 <b>1</b> 0	J		harmon	monume	L. L.
Protesting work	March Mar Marker Marker and Marker and Marker Marker Marker and Marker and Marker and Marker and Marker and Mar			and produce of the waters		army with
	112					
10 dBm						
40 dBm						
50 dBm					_	
i0 dBm						
70 dBm		1001 pts	27.0 M	11-7		an 270.0 MH
= 3.84 GHz						



# n77H,90MHz Bandwidth, DFT-s-16QAM (-26dBc BW)

Att TDF "1"	1993 530 - 01993 1993 530 - 01993	T 1.01 ms - VBV	V 10 MHz N	<b>1ode</b> Auto Sweep					
Frequency	Sweep								O1Pk View
10 dBm	-		nom	MI	manan	non		M1[1]	19.59 dBr 3.827050 GH
0 dBm				Y MAX PAR					
o abri									
dBm			тр			12			
10 dBm			1	-		Y	-	2405	
of day	annumphine	phymanisma	mud			M. AN	materian	Murmun	Monney
Andrea A Mari									lu.
30 dBm									
40 dBm									
50 dBm									
i0 dBm				_					
70 dBm	_								
F 3.84 GHz	2		1001	ots	2	7.0 MHz/		Sp	) pan 270.0 MH:
Marker Tal		X-Value		Y-Value	_	Function			
Type         Ri           M1         T1           T2         T2	ef Trc 1 1	3.82705 GHz 3.79361 GHz 3.88478 GHz	z	19.59 dBm -7.23 dBm -7.52 dBm	ndB ndB down I O Factor			Function Re 26.0 91.17 M	dB

### n77H,90MHz Bandwidth, DFT-s-64QAM (-26dBc BW)

Ref Level 26 Att		fset 1.70 dB = RB VT 1.01 ms = VB		ode Auto Sweep					_
TDF "1" Frequency S			na anesaranan na						0 1Pk View
Frequency :	sweep							M1[1]	and the second se
0 d8m				M1				wir[1]	3.835140 GH
			mon	and the second	aman	mon			5,000140 01
0 dBm	-			-			-	-	
dBm				_		2			
			ᅗ			Ť			
10 dBm		manuth	und			har.	montion	man	annan mar
207dBporton	the whow ou	monormy							aching www.
30 dBm				-					-
40 dBm									
50 dBm									
60 dBm									
70 dBm-			1001 p	1	2.	7.0 MHz/			pan 270.0 MH;
Marker Tab	e		1001	ats	2.	.0 MH2/		5	Jan 270.0 Min.
Type Re		X-Value		Y-Value	line as	Function	11	Function R	esult
M1 T1 T2	1	3.83514 GH 3.79361 GH 3.88451 GH	z	-7.13 dBm -4.35 dBm	ndB ndB down I O Factor	BW		90.90 M	) dB   <b>Hz</b>  2, 2