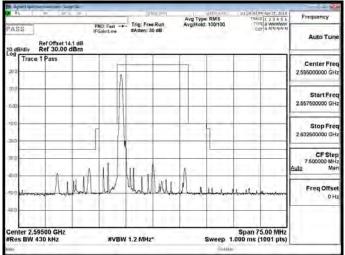


# Report No.: E2/2018/40066 Page 270 of 517

## Band 38\_QPSK\_20M\_RB100,0

Aglet (promos a sing)		A MOLENNES	1	01/24/16 FM April 7, 2018	
1. AL	24.1		Avg Type: RMS Avg Hold: 100/100	TRACE & DOASE	Frequency
Ref Offset 14.1 Ref 30.00 dE	PNO: Fast ++- IFGain:Low dB	Trig: Free Run #Atten: 30 dB	AvgiHold: 109/100	Der Anning	Auto Tuni
Trace 1 Pass					Center Free 2.580000000 GH
ang		equerida en formation and			Start Fre 2.542500000 GH
00					Stop Fre 2.617500000 GH
ng	www.mar.out		howardson	Non I	CF Ste 7 500000 Mi Auto Mi
and not the second				Landermon	Freq Offso 0 F
80.0				1 - 1 - 1	
Center 2.58000 GHz Res BW 430 kHz	#VBW	1.2 MHz*	Sweep 1	Span 75.00 MHz 000 ms (1001 pts)	

Band 38\_QPSK\_20M\_RB1,0



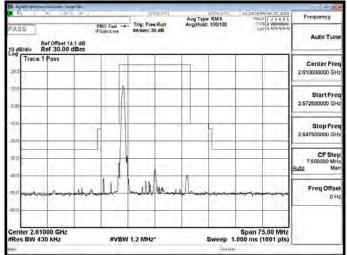
## Band 38\_QPSK\_20M\_RB1,99

Agilert.Spectom		\$		-				I stades		
a at i i	1973.	21		Laure .	Ci Devel	Avg Typ	er: RMS d: 100/100	TRAC	T 2 3 4 5 6	Frequency
O dBidiy Re	of Offset 14.1	dB	O: Fast ++	#Atten: 3		Avgino	a: 100/100	b	E A NINNN	Auto Tun
Trace 1	Pass					N				Center Fre 2.595000000 GH
orao an'a										Start Fre 2.557500000 GH
00		1					1			Stop Fre 2.632500000 G
80 Q			٨				14	Ā		CF Ste 7.500000 Mi Auto M
50.0	Aren	during	-ull	M	liland	M.	-Il-	Ulle	فلمرسالهما	Freq Offs 0 F
center 2.595				2.20					5.00 MHz	
Res BW 430	) kHz		#VBW	1.2 MHz			Sweep	1.000 ms (	1001 pts)	

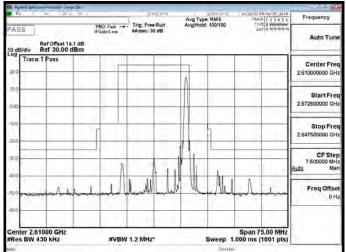
#### Band 38\_QPSK\_20M\_RB100,0

RL I	W (22)	2 24 1		I MILINI I State	Avg Type: RMS	TRACE 1 2345	Frequency
	Ref Offset 1	IFC	IO: Fast 🔸	Trig: Free Run #Atten: 30 dB	AvgiHold: 100/10	Let 4 KN KN	Auto Tur
Trace			F				Center Fre 2.595000000 GH
10 20			r		wh		Start Fr 2.657500000 G
		ſ			-		Stop Fr. 2.632500000 G
	سن.	antwo was	www.		homenon	and markets	CF St 7.500000 M Auto M
10-10-10-10-10-10-10-10-10-10-10-10-10-1						fronterior	Freq Offs 0
enter 2,59	600 CH-					Cuer 75 00 MU	
enter 2.59 Res BW 43			#VBW	1.2 MHz*		Span 75.00 MHz p 1.000 ms (1001 pts)	

Band 38\_QPSK\_20M\_RB1,0



#### Band 38\_QPSK\_20M\_RB1,99



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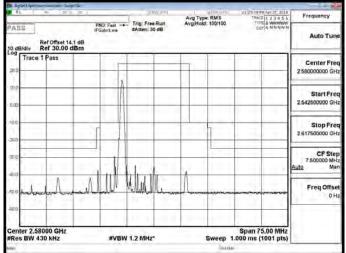


# Report No.: E2/2018/40066 Page 271 of 517

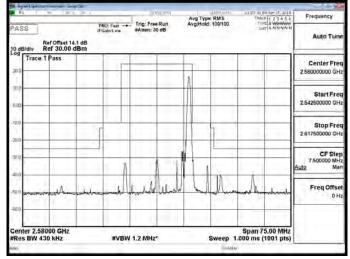
#### Band 38\_QPSK\_20M\_RB100,0

AL 1 H (202)	× 1	DI NOL DI VIL	Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 14.1		Trig: Free Run #Atten: 30 dB	AvgiHold: 100/100	Let A NUMBER	Auto Tun
Trace 1 Pass					Center Fre 2 61000000 GH
ag		-horbertarionstan			Start Fre 2.672500000 GH
	n l				Stop Fre 2.647500000 GH
τg	أسعيد المسا		himmon		CF Ste 7 500000 MH Auto Mr
an	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			White warman	Freq Offse 0 F
enter 2.61000 GHz		1.2 MHz*		Span 75.00 MHz	

# Band 38\_16QAM\_20M\_RB1,0



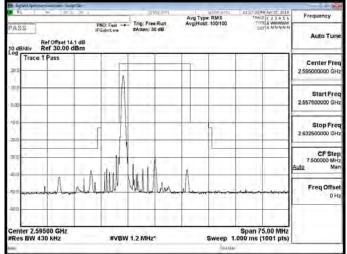
## Band 38\_16QAM\_20M\_RB1,99



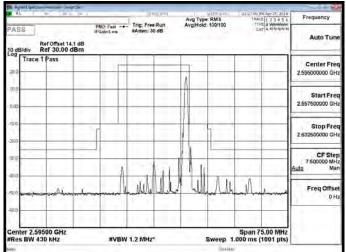
## Band 38\_16QAM\_20M\_RB100,0

(4L) (# (#≥ ≥ )	- 15	1.00111-001	Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 14.1 dB		g: FreeRun ten: 30 dB	AvgiHold: 100/10	0. TINKE 1 2345.6 TINE A WANNAW Der 4 NOTIFICA	Auto Tune
Trace 1 Pass					Center Free 2.580000000 GH
000 mû	mm		•		Start Fre 2.542500000 GH
00 00					Stop Fre 2.617500000 GH
ng mulaniana	~		munion	and a second and a second s	CF Ste 7 500000 Mi Auto Mi
500				Johnan	Freq Offso 0 F
enter 2.58000 GHz Res BW 430 kHz	#VBW 1.2			Span 75.00 MHz p 1.000 ms (1001 pts)	

# Band 38\_16QAM\_20M\_RB1,0



#### Band 38\_16QAM\_20M\_RB1,99



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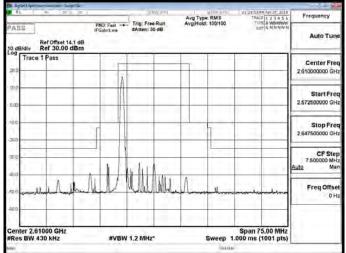


# Report No.: E2/2018/40066 Page 272 of 517

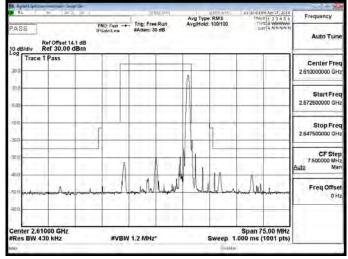
## Band 38\_16QAM\_20M\_RB100,0

Aglet Species	n - Con			a Most a Most		A RAY MILL	0112715.8 MM Apr 17. 2018	
_			NO: Fast -+-	Trip: Free Run	Avg Type Avg Hold	RMS	TIME 1 2 3 4 5 6 TYPE A WWWW	Frequency
dBidiy B	Ref Offset 14	1 dB	Gain'Low	#Atten: 30 dB	CT BUOK	. 104 104	Let 4 Nithing	Auto Tun
Trace 1			1-21		1	· · · · · ·		Center Fre
0.0	-							2.59500000 G
n.ø	-	-				· · · ·		
	1.			and the second	the			Start Fre 2.557500000 GH
0.00			1	ALC: N	1	1	1	
0.0.	-		- 11		1	-		Stop Fr
000	-				1	-		2.632500000 G
00	-					-		CF Ste
1.27	1	-	manya		nut	mining	an amount	7.500000 M Auto M
na horaste	an government	~					Minnight	
DU								Freq Offs
0.0					-			
10.00	1.1					1.00	1	
enter 2.59 Res BW 43		·	#VBW	1.2 MHz	-	Sween 1	Span 75.00 MHz .000 ms (1001 pts)	
	in the second					aweep i		

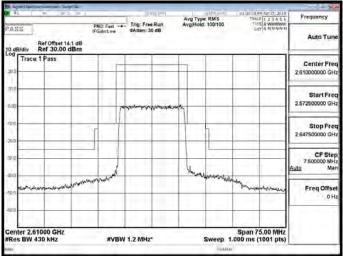
# Band 38\_16QAM\_20M\_RB1,0



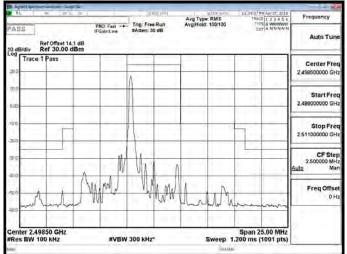
## Band 38\_16QAM\_20M\_RB1,99



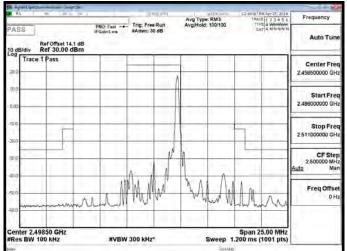
#### Band 38\_16QAM\_20M\_RB100,0



Band 41\_QPSK\_5M\_RB1,0



#### Band 41\_QPSK\_5M\_RB1,24



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f (886-2) 2298-0488

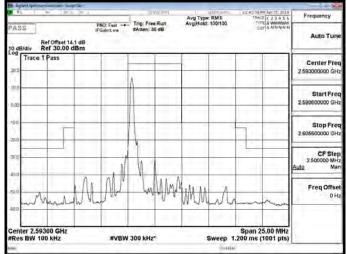
# SGS

# Report No.: E2/2018/40066 Page 273 of 517

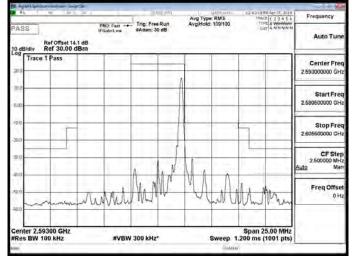
## Band 41\_QPSK\_5M\_RB25,0

Aglet.Speciem RL			_				A DATA HUND		H Apr 17, 2018	12.00
				1.2.00		Avg Type Avg Hold	RMS	TRACE	123456	Frequency
0 dBidiv R	ef Offset 14. ef 30.00 d	IFI 1 dB	NO: Fast Gain:Low	#Atten: 3		Avginoia	100100	De	4 NTINITI	Auto Tun
Trace 1										Center Fre 2.498500000 GF
nø 				promes	non					Start Fre 2.485000000 GH
00								1		Stop Fre 2.511000000 GH
80 00		a chid	mm			hismo	00.00.0			CF Ste 2.500000 Mi Auto M
no	and when	N					2.05	monne	Maria	Freq Offs
80.0										
enter 2.498 Res BW 10		-	#VBW	300 kHz			Sweep 1	.200 ms (1	5.00 MHz 1001 pts)	1

# Band 41\_QPSK\_5M\_RB1,0



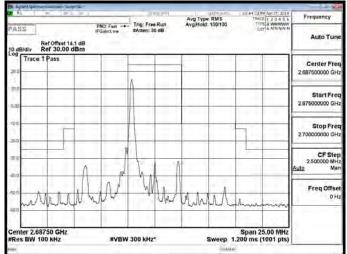
## Band 41\_QPSK\_5M\_RB1,24



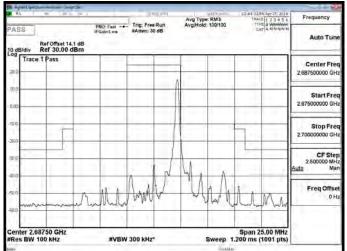
#### Band 41\_QPSK\_5M\_RB25,0

AL 1 16 (22.5	× 1	- Marcalan	Avg Type: RMS	12 42 29 PM Apr 17, 2018 TRACE ( 2 3 4 5 6	Frequency
Ref Offset 14.1 dB/div Ref 30.00 dB	PNO: Fast ↔ IFGain:Low dB	Trig: Free Run #Atten: 30 dB	AvgiHold: 100/100	Der A NUMBER	Auto Tuni
Trace 1 Pass					Center Fre 2.593000000 GH
n.ø		y-many many			Start Fre 2.590500000 GH
				7	Stop Fre 2.605500000 GH
ng			M		CF Ste 2.500000 M Auto M
mannan	Junerumenter		www.ww	Annum	Freq Offs
enter 2.59300 GHz Res BW 100 kHz		300 kHz*	Swaan 1	Span 25.00 MHz .200 ms (1001 pts)	-

Band 41\_QPSK\_5M\_RB1,0



#### Band 41\_QPSK\_5M\_RB1,24



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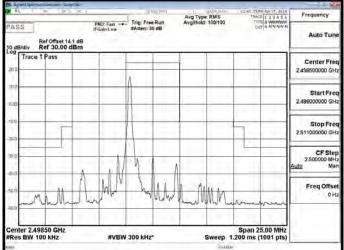


# Report No.: E2/2018/40066 Page 274 of 517

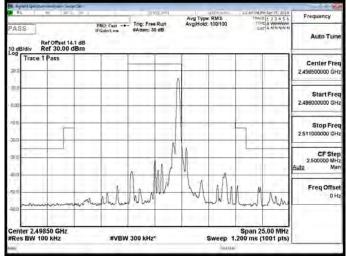
## Band 41\_QPSK\_5M\_RB25,0

Aglest Apeca							ALL ADDRESS	12 44:43 FM Apr 17, 2018	
						Avg Type Avg Hold	RMS	TRACE F 2345 K	Frequency
	Ref Offset 14	1 dB	NO: Fast +++ Gain:Low	#Atten: 30 dB		ALBUQUE DE 199		Der 4 NN NNN	Auto Tun
Trace	1 Pass				_			1	Center Free
20.0		1							2.687500000 GH
mō —	-	-							Start Fre
0.00	-			pierra	an way	-			2.675000000 GH
10.0	-			-			-		Stop Fre
20.0			work			mummum.	M		2.70000000 GH
30.0		1 m			1.1	1	3	1	CF Ste
10.0	mangun	un'					ha	manny	2.500000 MH Auto Ma
ww	1.0	1.0					1.000	maria	Freq Offse
50.0									OH
0.05							-		
Center 2.68				01.003	_			Span 25.00 MHz	
Res BW 1	00 kHz		#VBW	300 kHz		1	Sweep 1	200 ms (1001 pts)	

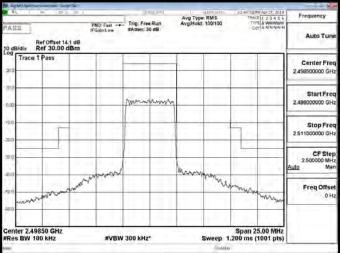
# Band 41\_16QAM\_5M\_RB1,0



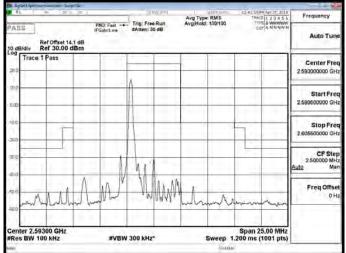
## Band 41\_16QAM\_5M\_RB1,24



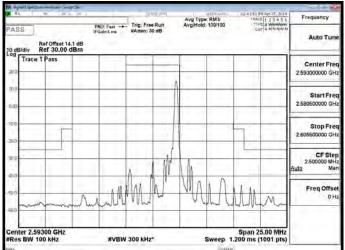
## Band 41\_16QAM\_5M\_RB25,0



## Band 41\_16QAM\_5M\_RB1,0



#### Band 41\_16QAM\_5M\_RB1,24



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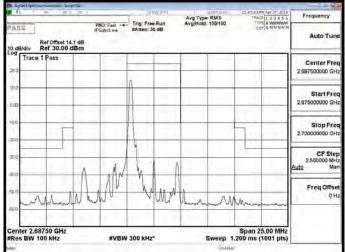


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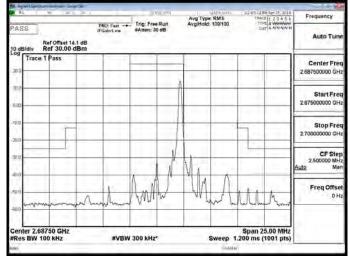
## Band 41\_16QAM\_5M\_RB25,0

Aglet Special		73 × 1		. 75	No. of No.		and a street	12421488	ler 17. 2018	
and the second second			NC: Fast -+-	Trip: Fre	Run	Avg Type Avg Hold	RMS 100/100	TRACE	23456	Frequency
	Ref Offset 14	IFI	Gain:Low	#Atten: 3		- Company	64.12	Der	6 1111111	Auto Tun
Trace		1		-				1		Dentes Fri
0	-			_		-			-	Center Fre 2 593000000 GH
										-
ġ.				1.1.1						Start Fre
	-			perman	number				-	2.580600000 GH
0										
1	L T								-	Stop Fre 2.605500000 GH
0		-								
0	-	-				-		1.00		CF Ste 2 500000 MH
	11.5	1.000	1.1.1		100		1		2.5	Auto Ma
an-	unnanan	1. 30	na w	1.1	121.71	W Walter	m	-		1.7.
	- AND	Anton	A Day		-	-	120	1.1.	-	Freq Offse
mon	un van		1.11			1.1		meren	murly.	
ND .										
enter 2.59	300 GHz			-			-	Span 25.	00 MHz	Ø
tes BW 10			#VBW	300 kHz	•	- 0	Sweep 1	1.200 ms (10		1.1
							10A114			

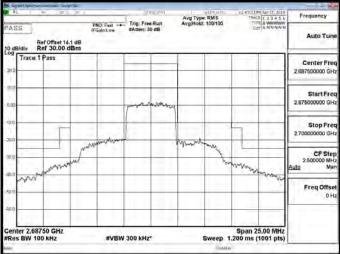
# Band 41\_16QAM\_5M\_RB1,0



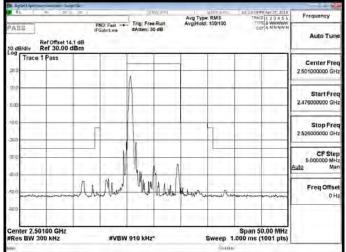
## Band 41\_16QAM\_5M\_RB1,24



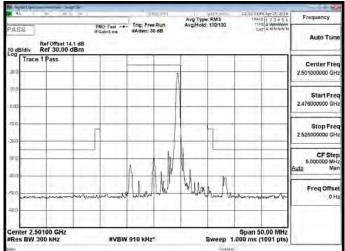
## Band 41\_16QAM\_5M\_RB25,0



Band 41\_QPSK\_10M\_RB1,0



#### Band 41\_QPSK\_10M\_RB1,49



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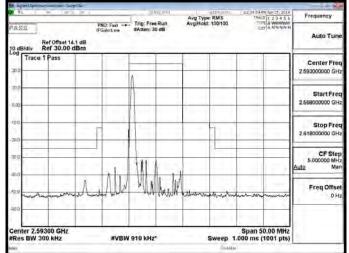


# Report No.: E2/2018/40066 Page 276 of 517

## Band 41\_QPSK\_10M\_RB50,0

Aglet.Spector				_	_			-1	
paris s	2 24 1		1.2	0.0.401	Avg Type	RMS	TNAC	H Apr 17, 2018	Frequency
PASS Ref Offset Ref 30.00	14.1 dB	'NO: Fast Gain'Low	#Amer: 30 dB		Avginoia	AvgiHold: 100/100		A NUMBER OF A N	Auto Tuno
nog Trace 1 Pass									Center Fre 2.501000000 GH
000			promotion	(Versioner)					Start Fre 2.475000000 GH
0.0	1								Stop Fre 2.525000000 GH
810		Manhand			marcon	www.			CF Ste 5.000000 Mi Auto Mi
500 Hamperton	and a start of the				-	10	NAV NO CUE	munn	Freq Offse
0.0					-				
Center 2.50100 GHz Res BW 300 kHz		#VBW	910 kHz		1	Sweep 1	1.000 ms (	0.00 MHz 1001 pts)	1

# Band 41\_QPSK\_10M\_RB1,0



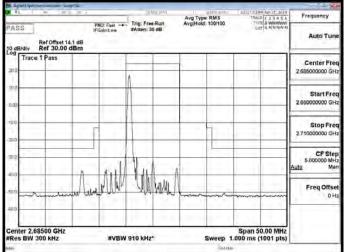
## Band 41\_QPSK\_10M\_RB1,49

Offset 14.1 dB f 30.00 dBm ass	PNO: Fast +*	#Atten: 3		AvgiHold	1.000	Det	ANTINAN	1.
355								Auto Tun
			-					Center Fre 2.593000000 GH
								Start Fre 2.568000000 GH
	П							Stop Fra 2.618000000 G
	-	1	1	L. L.	1			CF Sto 5.000000 M Auto M
mound	haven-ritrited	M	U.V	Y.A	white	be-onlywinger	anter property	Freq Offs
								-
	murray w/M	0 GHz	0 GHz	0 GHz	0 GHz	0 GHz	0 GHz Span 50	0 GHZ Span 50.00 MHZ

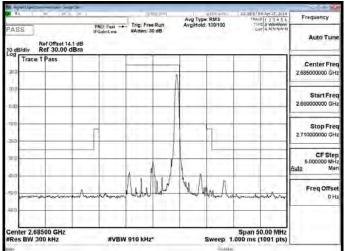
## Band 41\_QPSK\_10M\_RB50,0

AL		A MOLESCO.	Avg Type: RMS	1 62:34:27 PM Apr: 27, 2618 TRACE ( 2 3 4 5 6	Frequency
Ref Offset 14.1 dB		Trig: Free Run #Atten: 30 dB	AvgiHold: 100/100	TRACE (23456 TYPE A WANNAW Det 4 NY NY NY	Auto Tun
0 dB/div Ref 30.00 dBm					Center Fre 2.593000000 GH
n.ø					Start Fre 2.568000000 GH
00	<b>F</b>		1		Stop Fre 2.618000000 GH
σg			human.		CF Ste 5.000000 Mi Auto Mi
an many provident and the	and a free and a free of the second			world	Freq Offs 01
Center 2.59300 GHz Res BW 300 kHz	#VBW	910 kHz*	Sweep 1	Span 50.00 MHz 000 ms (1001 pts)	

# Band 41\_QPSK\_10M\_RB1,0



#### Band 41\_QPSK\_10M\_RB1,49



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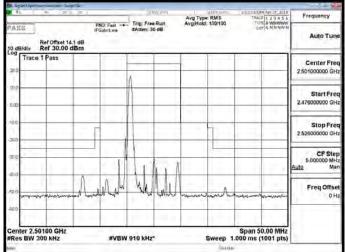


# Report No.: E2/2018/40066 Page 277 of 517

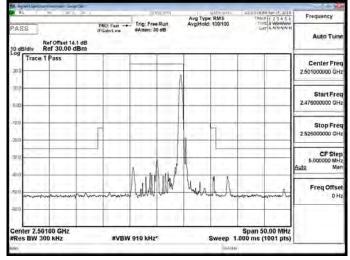
## Band 41\_QPSK\_10M\_RB50,0

RL I H	82.24	_		011100	Avg Type	RMS	1 62-817 F	HAD 17 2018	Frequency
0 dBidiy Ref 30		NO: Fast 🔸	Trig: Free #Atten: 3		AvgiHold	100/100	(TVE De	2 A WWWWW 4 N N N N N	Auto Tune
og Trace 1 Pass									Center Fre 2 685000000 GH
na			pour	menny					Start Fre 2.65000000 GF
00	ſ								Stop Fre 2.71000000 GH
5 g		mannet			how	munit			CF Ste 5 000000 MH Auto Mi
00	alust Frankler					W	national have	an and a second s	Freq Offse
enter 2.68500 Gi Res BW 300 kHz			910 kHz					0.00 MHz	

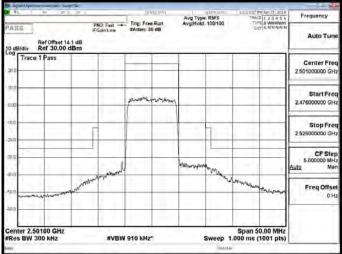
# Band 41\_16QAM\_10M\_RB1,0



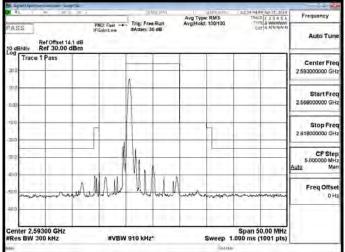
## Band 41\_16QAM\_10M\_RB1,49



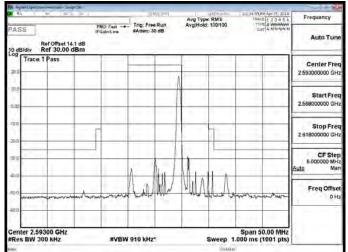
#### Band 41\_16QAM\_10M\_RB50,0



## Band 41\_16QAM\_10M\_RB1,0



#### Band 41\_16QAM\_10M\_RB1,49



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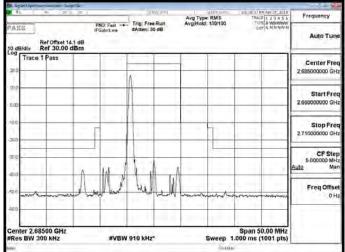


# Report No.: E2/2018/40066 Page 278 of 517

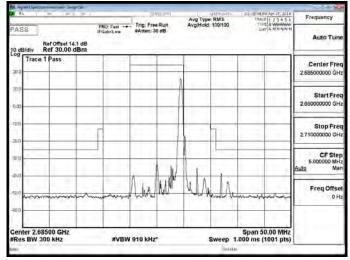
## Band 41\_16QAM\_10M\_RB50,0

Aglet(province a Supr		a Maria a Maria	4.024 (0.020		
-	PNO: Fast -+	Trip: Free Run	Avg Type: RMS Avg/Hold: 100/100	TIME 1 2 3 4 5 6 TYPE A WWWWW	Frequency
ASS Ref Offset 14.1 OdB/div Ref 30.00 dB	IFGain:Low	#Atten: 30 dB	A BAR AND	Det/4 NUMBER	Auto Tuni
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nő					Center Fre 2 593000000 GH
i ! ! !					Lossocio di
nğ		A		-	StartFre
100		priminen	1		2.568000000 GH
00					
00	- n	· · · · · · · · · · · ·	1		Stop Fre 2 618000000 GH
0.0					2.010000000
00			-		CF Ste
1.2 1 1 1	1000		1.		5.000000 MH Auto Ma
init -	- Management day	4	himison		
Do management	and the second s		3	man .	Freq Offse
- AND				and the second	0 H
0.0					
		1.1			· · · · · · · · · · · · · · · · · · ·
Res BW 300 kHz	#VBV	910 kHz*	Sweep	Span 50.00 MHz 1.000 ms (1001 pts)	
			144		

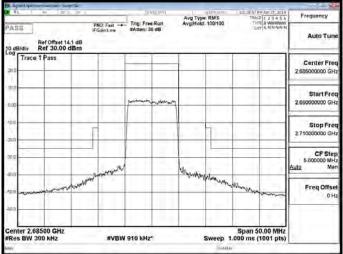
# Band 41\_16QAM\_10M\_RB1,0



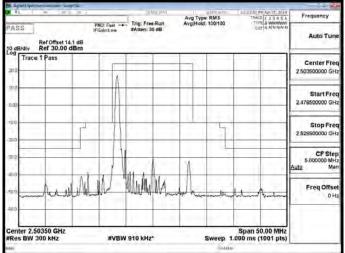
#### Band 41\_16QAM\_10M\_RB1,49



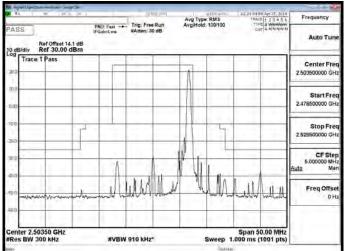
#### Band 41\_16QAM\_10M\_RB50,0



# Band 41\_QPSK\_15M\_RB1,0



#### Band 41\_QPSK\_15M\_RB1,74



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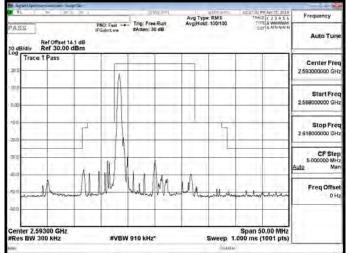


# Report No.: E2/2018/40066 Page 279 of 517

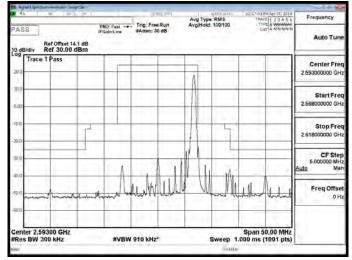
## Band 41\_QPSK\_15M\_RB75,0

	Sames and Sames		_						-		
AD AL I	(H) (H)			2	010401	Av	у Тури	RMS	TRAC	FM Apr 17, 2018 	Frequency
PASS 10 dBidiv	Ref Offset 1 Ref 30.00	4.1 dB	NO: Fast Jain Low	Trig: Free #Atten: 3		Av	g Hold	100/100	b	PE A WAYNAW e7 A NTINNIN	Auto Tune
and Trace	a 1 Pass		F			-	1			1	Center Fre 2 503500000 GH
0.00 			pree	wenning	tway any bas	4					Start Fre 2.478500000 GH
10.0		T.						5			Stop Fre 2.528500000 GH
20 g			)				La.	Parker ba	Perto .		CF Ste 5.000000 MH Auto Ma
50.0	monstand	and many pro-								working	Freq Offse 0 H
÷00	0350 GHz								Span 5	0.00 MHz	
#Res BW		-	#VBW	910 kHz			1	Sweep 1	1.000 ms	(1001 pts)	

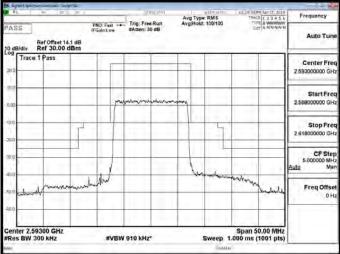
# Band 41\_QPSK\_15M\_RB1,0



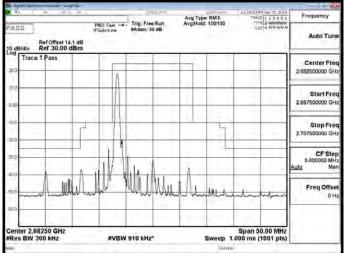
#### Band 41\_QPSK\_15M\_RB1,74



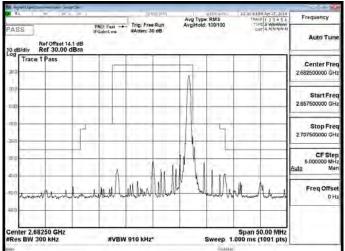
## Band 41\_QPSK\_15M\_RB75,0



# Band 41\_QPSK\_15M\_RB1,0



#### Band 41\_QPSK\_15M\_RB1,74



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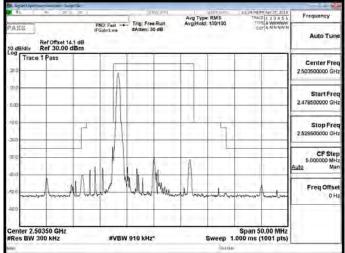


# Report No.: E2/2018/40066 Page 280 of 517

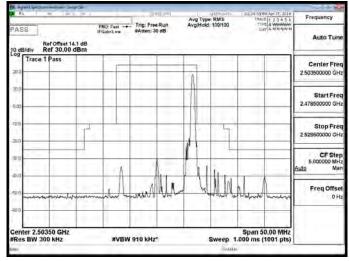
## Band 41\_QPSK\_15M\_RB75,0

Arg Type RMS Arg T	Aglet.Species and Surgial	
Auto 1 Polantes Polantes Auto 1 Polantes Polante		3.45.6 Frequency
00         Trace 1 Pass         Center         268250000           000         Minor Vinitia Vinitia         Start 1           000         Minor Vinitia Vinitia         Start 1           000         Stop 1         270750000           000         CF1         CF1	Ref Offset 14.1 dB	Auto Tur
Start         255750000           00	Trace 1 Pass	Center Fre 2.682500000 GH
		Start Fre 2.857600000 GH
		Stop Fre 2.707500000 GH
		CF Ste 5.000000 MH Auto Mi
Unin Freq O		Freq Offse
2010		MH2
Res BW 300 kHz #VBW 910 kHz* Sweep 1.000 ms (1001 pts)		

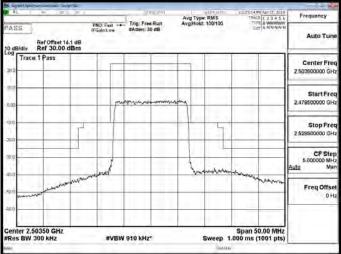
# Band 41\_16QAM\_15M\_RB1,0



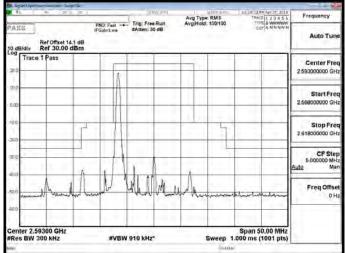
#### Band 41\_16QAM\_15M\_RB1,74



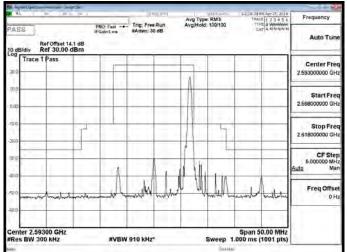
## Band 41\_16QAM\_15M\_RB75,0



## Band 41\_16QAM\_15M\_RB1,0



#### Band 41\_16QAM\_15M\_RB1,74



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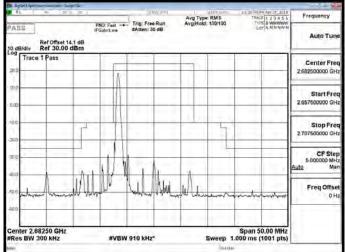


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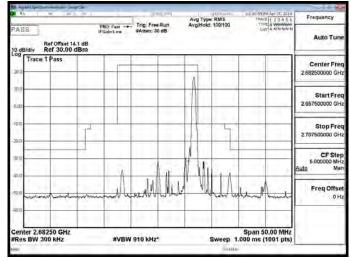
## Band 41\_16QAM\_15M\_RB75,0

182 241						
		1 Million	Avg Typ	RMS	122 24 16 FM Apr 17, 2018 TRACE ( 2 3 4 5 6	Frequency
iset 14.1 dB	'NO: Fast ++- 'Gain'Low	* Trig: Free Run #Atten: 30 dB	AvgiHold	100/100	Let A NTIMEN	Auto Tune
5						Center Fre 2.593000000 GH
	7000	entertation and the second	www			Start Fre 2.668000000 GH
P				5		Stop Fre 2.618000000 GH
			+			CF Ste 5.000000 MH Auto Me
mahan	LUP.		W.	A.vy-good-la	Wind winner	Freq Offse 0 H
	het 141 dB 0.00 dBm 5 5	IFGentos Net 14:1 dB 0.00 dBm 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	hee 14.1 dB 0.00 dBm s providence of the providence of the provide	PHO: Fax Tri: Free Run Avgited	PHO: Fair - Trie: Free Run AvgiHold: 100100 Pho: Fair - Trie: Fair - Trie: Fair - Trie: Fair - Trie: Fair - Tr	PHO: Fair - Trie: Free Run Avgited: 100100 Trie: Avery Hold: 100100

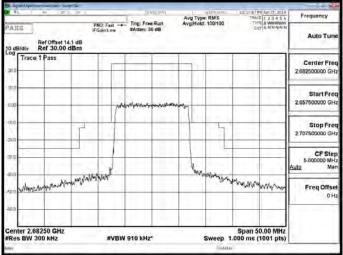
# Band 41\_16QAM\_15M\_RB1,0



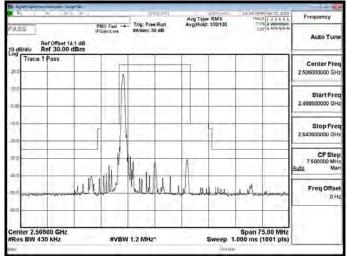
#### Band 41\_16QAM\_15M\_RB1,74



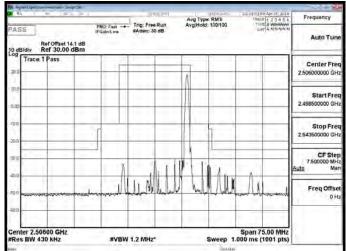
## Band 41\_16QAM\_15M\_RB75,0



Band 41\_QPSK\_20M\_RB1,0



#### Band 41\_QPSK\_20M\_RB1,99



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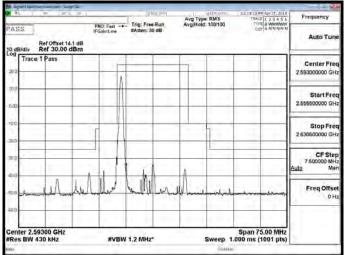


# Report No.: E2/2018/40066 Page 282 of 517

## Band 41\_QPSK\_20M\_RB100,0

Aglet Speciment of S					
prat i en i≥r		I MILINA I MILINA	Avg Type: RMS	1 62:16:54 911 Apr 17, 2018 TRACE 1 2 3 4 5 6	Frequency
Ref offset 1 10 dB/div Ref 30.00		Trig: Free Run #Atten: 30 dB	AvgiHold: 100/100	Det 4 NUMBER	Auto Tune
og Trace 1 Pass					Center Fre 2.505000000 GH
	[*	anti-manipulari menerati	evi		Start Fre 2.468500000 GH
					Stop Fre 2.543500000 GH
#0 	- Martin Martin		aline for some way	Anthon and a start	CF Ste 7.500000 MH Auto Ma
50 N	Lawrence -				Freq Offse 0 F
0.05					
Center 2.50600 GHz Res BW 430 kHz	#VBW	1.2 MHz*	Sweep 1	Span 75.00 MHz 000 ms (1001 pts)	1

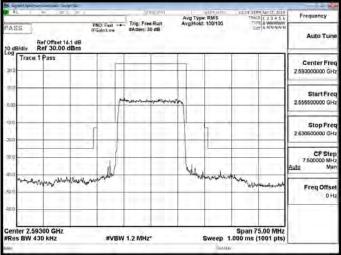
Band 41\_QPSK\_20M\_RB1,0



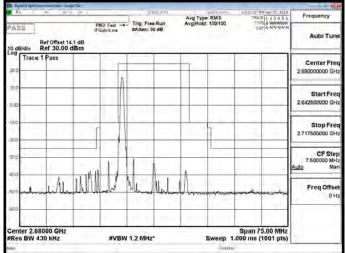
## Band 41\_QPSK\_20M\_RB1,99

B RL	N (92)	× :	NO: Fast -	Trig: Fr		Avg Typ Avg Hol	e RMS d: 100/100	TRAC	H Apr 17, 2018 II 1 2 3 4 5 5 E A WWWWW er 4 NTI NN N	Frequency
O dBidiy R	of Offset 14. ef 30.00 d	1 dB	Gain'L ow	#Atten:	30 dB			0	er 4 nnnnn	Auto Tuni
Trace 1	Pass		- [		-	A				Center Fre 2.593000000 GH
0.00 						1				Start Fre 2.555500000 GH
00		1					1			Stop Fre 2.630500000 G
10 0. 10 0.			1	1	k ih					CF Ste 7.500000 Mi Auto Mi
50.0	gon Aniad	wandware	-	L.M.		U.	h	-Ad	alladaa	Freq Offs
aon Center 2.593	00 GHz	1		W 1.2 MH				Span 7 .000 ms (	5.00 MHz	1

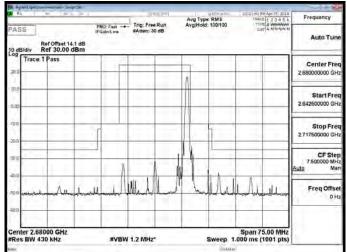
## Band 41\_QPSK\_20M\_RB100,0



Band 41\_QPSK\_20M\_RB1,0



#### Band 41\_QPSK\_20M\_RB1,99



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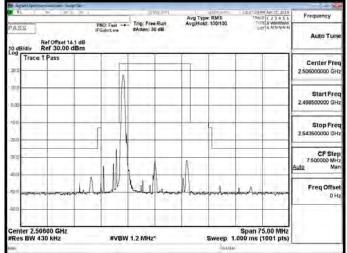


# Report No.: E2/2018/40066 Page 283 of 517

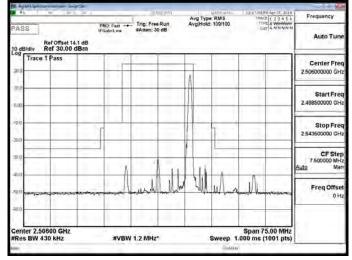
## Band 41\_QPSK\_20M\_RB100,0

RL 1 16 182	× 1	DI NOL DAVID	Avg Type: RMS	1 62-31 55 FM Apr 17, 2618 TRACE 1, 2 3 4 5 6	Frequency
ASS Ref Offset 14.1 dBidly Ref 30.00 dl		Trig: Free Run #Atten: 30 dB	AvgiHold: 109/100	Ler A NUMBER	Auto Tun
o dB/div Ref 30.00 dl Og Trace 1 Pass					Center Fre 2.68000000 GH
n.a	r	ware ware and a start	-		Start Fre 2.642500000 GF
00					Stop Fre 2.717500000 GH
eg	inversion warned		humanusons	enser by by the second second	CF Ste 7.500000 Mi Auto Mi
DN					Freq Offs
enter 2.68000 GHz				Span 75.00 MHz	

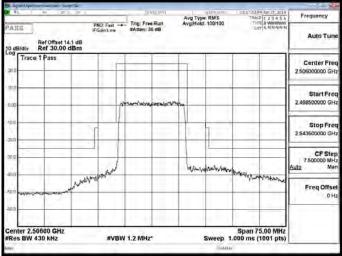
# Band 41\_16QAM\_20M\_RB1,0



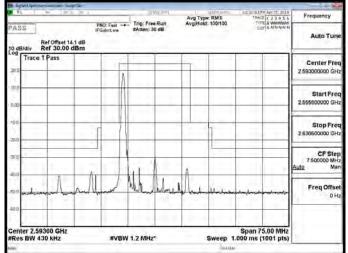
## Band 41\_16QAM\_20M\_RB1,99



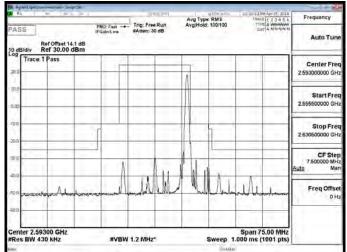
## Band 41\_16QAM\_20M\_RB100,0



# Band 41\_16QAM\_20M\_RB1,0



#### Band 41\_16QAM\_20M\_RB1,99



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# Report No.: E2/2018/40066 Page 284 of 517

## Band 41\_16QAM\_20M\_RB100,0

4L   # (#2	× 1	D NOT DRUG	Avg Type: RMS	12 20:26 PM Apr 17, 2018 TRACE 1 2 3 4 5 6	Frequency
Ref Offset 14.	PNO: Fast ++- IFGainLow	Trig: Free Run #Atten: 30 dB	AvgiHold: 100/100	Der A NUMMER	Auto Tun
o dB/div Ref 30.00 d D9 Trace 1 Pass					Center Fre 2.593000000 GH
n.o.		torrenes and the second se	-wn		Start Fre 2.555500000 GH
	n l			-	Stop Fre 2.630500000 GH
ng					CF Ste 7.500000 Mit Auto Mit
on Verniloranium Man	montenend		Manager	Hannerson	Freq Offso 0 F
enter 2.59300 GHz Res BW 430 kHz		1.2 MHz*		Span 75.00 MHz 00 ms (1001 pts)	

# Band 41\_16QAM\_20M\_RB1,0

Agilent Gerson			_								FM Apr. 17, 2018	-1+1-
-			NC: Fast -		Trig: Free		Av	g Type: Ri Hold: 10	M3 0/100	TRA	1 2 3 4 5 6 FE A WWWW et 4 NNNN	Frequency
0 dBidiy R	ef Offset 14 ef 30.00 c	1 dB	NO: Fast + Gain:Low	1	#Atten: 3		01	annie, na			er annnn	Auto Tun
Trace 1	Pass						1					Center Fre
an 0				4	-	_	11	_	_	_		
		_		+	-	-	+	-	-	-		Start Fre 2.642600000 GH
00				ł			1	1				Stop Fre 2.717500000 GH
0.Q				-		V						CF Ste 7.500000 MH Auto Ma
0.0	Au	LA	h	1	Un	اسلسا	A		Aller	-	-	Freq Offse
0.0												
enter 2.680 Res BW 43			#VB	w	1.2 MHz			Sw	eep 1		5.00 MHz (1001 pts)	

## Band 41\_16QAM\_20M\_RB1,99

Agiet Species							
ar i m	182 81		Trip: Free Run	Avg Type: Ri Avg Hold: 10	Miseuwo 122 Mis	TRACE 1 2 3 4 5 6	Frequency
10 dBidiy Ref 30	set 14.1 dB 0.00 dBm	PNO: Fast +++	#Atten: 30 dB	Avginoia: tu	0100	TIPE A WWWW Der 4 NN NN N	Auto Tune
Trace 1 Pass				X			Center Fred 2.680000000 GHz
0.00 							Start Free 2.642500000 GH:
-10.0	-	ſ					Stop Free 2.717500000 GH
300		L. Î			h.		CF Step 7.500000 MH Auto Mar
500 management	a <sub>nter</sub> ner		mult	14 hund	Mennel	Almand	Freq Offse 0 Hz
-2010 Center 2,68000 G						oan 75.00 MHz	
#Res BW 430 kH		#VBW	1.2 MHz*	Sw		ms (1001 pts)	19-1

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Band 41\_16QAM\_20M\_RB100,0

🚰 Aglet Spector 🖂 🖂					
(n sr i 'm im>		D MILLION COM	Avg Type: RMS	1 6 2 11 13 FM Apr 17, 2018 TRACE 1 2 3 4 5 6	Frequency
PASS Ref Offset 14. 10 dB/div Ref 30.00 d	PNO: Fast ++- IFGain:Low	Trig: Free Run #Atten: 30 dB			Auto Tune
Trace 1 Pass					Center Free 2 680000000 GH
0.00 mū			Ann.		Start Free 2.642600000 GH
-10.0	Γľ				Stop Free 2.717500000 GH
310	العليه والمعادية والمعاد	-	Muttie		CF Ster 7.500000 MH Auto Ma
son	- Just card		. In which the	heref May about many way as	Freq Offse 0 H
-000					
Center 2.68000 GHz #Res BW 430 kHz	#VBW	1.2 MHz*	Sweep	Span 75.00 MHz 1.000 ms (1001 pts)	1
Minry					

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# **Out of Band Emission** 30MHz~3GHz\_WCDMA\_B2\_LowCH9262-1852.4

10 4 4		-				eger Sak	Analyzet Sm	o illusione	- Gym		
Frequency	03:0116 PM Apr 25, 2018 TRACE 1 2 3 4 5 6 THE R NNNNN	Type: Log-Pwr	Avs	Trig: Free Run	Hz PNO: Fant C	00000 G	1.5150	r Free			
	DET P NNNNN			#Atten: 30 dB	FGain:Low	ú					
Auto Tun	1 1.853 6 GHz 23.72 dBm	Mkr1 1.853 6 GHz 23.72 dBm					Ref Offset 13.9 dB div Ref 30.00 dBm				
Center Fre			71					1.00	30.0		
1.515000000 GH			1		-				t0.0		
					-	-		_	0.00		
Start Fre					-	-	_		10.0		
30.000000 MH			-			-	-	-	0.0		
			11		-	-	-	-	0.0		
Stop Fre 3.00000000 GH				the state of the local division of the local		-	the second	-	DO		
			_		-	-			50,0		
	Sec. 1997					-	-		0.0		
CF Ste 297.000000 MH	Stop 3.000 GHz 000 ms (1001 pts)	Sweep 2.		1.0 MHz	#VBA			30 MH BW 1.			
Auto Ma	PUNCTION VALUE	FUNCTION WIDTH	PRINCIPAL			x		ICO NAME OF			
Freq Offse				23.72 dBm	3 6 GHz	1,853		11	23		
Preq Oils					-		-				
-		-			-		-	++	5		
							-		7		
									4 5 6 7 8 9		
	· · · · · · · · · · · · · · · · · · ·						1		11		
		STATUS						-	60		
		Philode							-		

# 3GHz~10GHz\_WCDMA\_B2\_LowCH9262-1852.4

	Oncome An Angent of The	anga Sa				10 4 23
Center F	reg 11.500	0000000 GHz PNO: Fast	Trig: Free Run	Aug Type: Log-Pwr	03.01.30 PH 4pr 25, 2018 TRADE 1 2 3 4 5 6 Trade NNNN N	Frequency
10 dB/div	Ref Offset 1 Ref 30.00	IFGain:Low	#Atten: 30 dB	м	r1 19.235 GHz -31.53 dBm	Auto Tune
30,0 10.0						Center Fred 11.50000000 GH:
0.00 -100 -200 -200						Start Free 3.000000000 GH:
40.0				and the second second	Contraction of the second	Stop Free 20.000000000 GH
Start 3,00 #Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Step 1.700000000 GH Auto Mar
1 N 2 3 4	1	19.235 GHz	-31.53 dBm			Freq Offse 0 H
5 6 7 8 9 10 11						
* 1895				STATUS		

# 30MHz~3GHz\_WCDMA\_B2\_MidCH9400-1880

Agener (gennen Arayse) / Smese 54						10.4.63
Center Freq 1.515000000	PNO: Fast Trig: F	ree Run		Log-Pwr	03.63:01 PM 4gr 25, 2018 TRACE 1 2 3 4 5 6 TITE MUNICIPAL	Frequency
Ref Offset 13.9 dB 10 dB/div Ref 30.00 dBm	iFGain:Low #Atten	: 30 dB		Mkr	1.883 3 GHz 23.83 dBm	Auto Tun
-og 30,0 10.0			1			Center Fre 1.515000000 GH
20.0					1010-60	Start Fre 30.000000 MF
40.0						Stop Fre 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBW 1.0 M		CTOW I FOR		Stop 3.000 GHz 00 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
2 3 4	883 3 GHz 23,83	dBm				Freq Offs 0 F
6 6 7 8 9 10 11						
, महत्र।				STATUS		

# 3GHz~10GHz WCDMA B2 MidCH9400-1880

10.4	03:03:15 PM Apr 25, 2018	ALINH NUTO		BERISE IN		12	50-		I	R
Frequency	TRACE 1 2 3 4 5 6	e: Log-Pwr		Trig: Free Run	GHz PNO: Fast IFGain:Low	00000	11.5000	req	ter F	Cen
Image: 5. state         Frequency           Image: 5. state         Frequency           Image: 5. state         Auto Tun           State         Center Fre           11.50000000 CH         Start Fre           3.000000000 CH         Start Fre           20.0000 CH2         Stop Fre           20.0000 CH2         1.10000000 CH	Ref Offset 13.9 dB Mkr1 19,575 GHz 3 dB/div Ref 30.00 dBm -31.54 dBm									0.4
		1 1	1		1	JDIN .	50.00	Re	Bruiv	og
Center Fre						-		-		39,0
11.50000000 GH								-		tirio
					-			_	-	0.00
Ctart Er					-		_	_	-	100
						-				20.0
3.0000000000	•								1.	30.0
				- and the second days		mark	with the	~	~ 140	40.0
									1.	50.0
										60.0
	a terrar a service de la					-			1.00	en n
1.700000000 GH	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 28		V 1.0 MHz	#VE				t 3,0 s BW	
Auto M	PLANCTION VALUE	INCTION MIDTH	PRINCIPAN :	-31.54 dBm	575 GHz	8	_		N	- 1
From Office				-31,94 00m	orb Griz	19.9			N	23
							-	+	-	3
97	1		_		-					5
									-	56789
1.								-	-	8
		_			_					10
								1	-	11
		STATUS								55

# 30MHz~3GHz\_WCDMA\_B2\_HighCH9538-1907.6

	Analysis i Tomas Sa				-		10 4 23
Center Freq	1.5150000	00 GHz PNO: Fast	Trig: Free Run		Type: Log-Pwr	03/04/23 PM Apr 25, 2018 TRADE 1 2 3 4 5 6 THE MUNNINN	Frequency
Re	f Offset 13.9 d	IFGain:Low	#Atten: 30 dB	-	Mk	r1 1.907 0 GHz 23.38 dBm	Auto Tune
.og 20.0	ef 30.00 dBr	n		1		23.36 08/1	Center Free
10.0						and the second se	1.515000000 GH
20.0							Start Free 30.000000 MH
40 0 50 0							Stop Fre 3.000000000 GH
start 30 MHz Res BW 1.0	MHz	#VBV	V 1.0 MHz			Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
1 N 1 7 2 3 4 5		1.907 0 GHz	23.38 dBm	PUNCTION	and the money and the second se	PLANETION VALUE -	Freq Offse
5 6 7 8 9 10							
11	1		-		STATUS	· · · · ·	

## 3GHz~10GHz\_WCDMA\_B2\_HighCH9538-1907.6

04	and the second second			_				4 54	A PROPERTY OF THE OWNER.	()		
Frequency	TRACE 1 2 3 4 5 6 TREE NNNNN	Pwr	Type: Log-Pw	Av	Free Run		PNO: Fant	000000	11.5000	req		Cen
Auto Tune	9.405 GHz 31.36 dBm			~	en: 30 dB	PAG	FGain:Low	3.9 dB	Offset 13		B/div	10 d
Center Free 11.50000000 GH;		-	_	_	-		-				a	20.0 10.0
Start Free 3.000000000 GH2			_									0.00 -10 0 -20 0
Stop Free 20.00000000 GH:				France and the second		1-1-2-1-1-			- Alara	~		40.0 50,0 60.0
CF Step 1.700000000 GH Auto Mar	p 20.000 GHz ns (1001 pts)	p 28.33			ИНz	W 1.0 P	#VB	-	MHz	1.0	rt 3,0 es BV	Re
Freq Offse	ANG TER WALLE	N193111	FUNCTION WE	PONCTION-	36 dBm	-31,3	105 GHz	19,4			N	
												2 3 4 5 6 7 8 9 10 11
	÷.	STATUS	STA						4	-	-	eso

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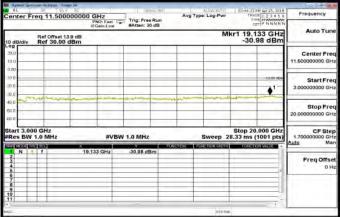
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# 30MHz~3GHz\_HSDPA\_B2\_LowCH9262-1852.4

10 4 4	83:46:19 PM Apr 25, 2018	ALIGH WAYO				14 Ju	Analyzes   Sme	on theorem	RL.
Frequency	TRACE 1 2 3 4 5 6	ype: Log-Pwr		Trig: Free Run	Hz	00000 G	1.51500	er Freq	
	DET P NNNN N	-		#Atten: 30 dB	PNO: Fast L.	ir			_
Auto Tu	r1 1.853 6 GHz 23.02 dBm	Mki				dBm	of Offset 13	div R	10 dB
Center Fre			1		-				-0g
1.515000000 GH				-	1				10.0
		_					_		0.00
Start Fre		-		_	-	-		_	10.0
30.000000 MI		-	-		-	-			20.0
			14						30.0
Stop Fre				- Alleria - Charles					40.0
3.00000000 GH	-								50,0
CF Ste	Stop 3.000 GHz	-			-		-	30 MHz	start
297.000000 MH	000 ms (1001 pts)	Sweep 2.		.0 MHz	#VBW	_		BW 1.0	
Auto Mi	PLANETICIN VALUE	FUNCTION WOTH	PONCTION	23.02 dBm	6 GHz	1 953			NO 10
Freq Offs				AUNA GUIN	7.9.971a	1.699	-	1	23
0)					-				4 5
							-		6
P							-		8
					-		-		10
							+	1 1	1
		STATUS							50

# 3GHz~10GHz\_HSDPA\_B2\_LowCH9262-1852.4



# 30MHz~3GHz\_HSDPA\_B2\_MidCH9400-1880

			1		0.4.63
	PNO: Fant Trig	Free Run		TRACE 1 2 2 4 5 6	Frequency
		Auto Tuni			
30,0			1		Center Fre 1.515000000 GH
20.0				0000	Start Fre 30.000000 MH
40.0				all and a second se	Stop Fre 3.000000000 GH
Res BW 1.0 MHz	#VBW 1.0 I	-11.1-5		000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
1 N I F	1.883 3 GHz 23.				Freq Offse
7 8 9 10 11					
, स्रह			STATUS		

## 3GHz~10GHz\_HSDPA\_B2\_MidCH9400-1880

Frequency	03:47 46 PM 4pr 25, 2018 TRACE 1 2 3 4 5 6 Trite 44 400 40 10 10 10 10 10 10 10 10 10 10 10 10 10	ALIGH WITC pe: Log-Pwr	Avg	Trig: Free Run #Atten: 30 dB	PNO: Fast	0000000			Cen
Auto Tur	r1 19.133 GHz -31.18 dBm	M			or cannet. Ow	13.9 dB	Ref Offse Ref 30.0	3/div	10 di
Center Fre 11.50000000 GH									20,0 10.0
Start Fre 3.000000000 GF	•••••••								0.00 -10.0 -20.0
Stop Fre 20.00000000 GH		Stra Paracia						and a	-40.0 -50.0
CF Ste 1.70000000 GH Auto Ma	Stop 20.000 GHz 8.33 ms (1001 pts)		_	W 1.0 MHz	#VE	-	0 GHz 1.0 MHz	s BW	#Re
FreqOffs	PLANETION VALUE	URATION CARDING	PONCTION-	-31,18 dBm	.133 GHz	× 19	1	N 1	23
0)									4 5 6 7 8 9 10
	· · · ·	STATUS					1.1	-	11

# 30MHz~3GHz\_HSDPA\_B2\_HighCH9538-1907.6

104		-						Aller   Sur	0		
Frequency	03:49:25 PM Apr 25, 2018 TRADE 1 2 3 4 5 6		Avg		12000	Hz	00000 G	.5150	req 1		R R
Auto Tun		-		: 30 dB	#Atten: 3	PND: Fast D IFGain:Low	1	_		_	_
auto run	GHz         BISS 000         AUG 14/01/C         D359/35/14/42/5, Str.         FTF           PRC 141 CM         Avg Type: Log Peer         The Control of the		Offset 1: 30.00		BJdiv	10 di					
Center Free			1		_					1	20.0
1.515000000 GH		-	-	-	-	-	-	-	-		t0.0
						-					10.00
Start Free 30.000000 MH	100.05										20.0
00.00000 111			1		-		-		-		30.0
Stop Free			- Part - Ind	-		- une					40.0
3.000000000 GH		-									-60.0
CF Ster 297.000000 MH	Stop 3.000 GHz 0 ms (1001 pts)			łz	W 1.0 MHz	#VB	-	Hz	MHz	t 30 s BW	
Auto Mai	PUNCTION VALUE	UNCTION WOTH	PROTON	dBm	22.68.4	7.0 GHz	1 90	-			
Freq Offse											2 3 4 5 6 7 8 9 10 11
			_	-		-				-	6
				-				-			8
				_	-			_	11	_	11
		STATUS									esia i

## 3GHz~10GHz\_HSDPA\_B2\_HighCH9538-1907.6

10 4 63	and the second					4.34	Annyati	
Frequency	12:49:38 PM 4pr 25, 2018 TRACE 1:2:3:4:5:6 TITLE MINININ		Avg	Trig: Free Run	NO: Fast	P	q 11.5000	
Auto Tune	18.980 GHz -30.92 dBm	Center Freq 11.50000000 GHz Prici Fras Run if Calledow         Arg Type: Log-Par Trig: Fras Run attain: 30 db         Arg Type: Log-Par           10 Bladiv Constitution         Ref Offset 13 a Bb         Mkr1 18 -33         Mkr1 18 -33         Mkr1 18 -33           10 Bladiv Constitution         Ref Offset 13 a Bb         Mkr1 18 -33         Mkr1 18 -33         Mkr1 18 -33           10 Bladiv Constitution         Ref Offset 13 a Bb         Mkr1 18 -33         Mkr1 18 -33         Mkr1 18 -33           10 Bladiv Constitution         Ref Offset 13 a Bb         Mkr1 18 -33         Mkr1 18 -33						
Center Fred 11.50000000 GHz	_			_				10 10
Start Free 3.000000000 GHz								
Stop Fred 20.000000000 GHz						biling	and the second sec	0
CF Step 1.700000000 GH: Auto Mar			_	,0 MHz	#VBW		GHz .0 MHz	art 3,000 tes BW 1
FreqOffse	PLANETTER VALUE	UNCTION WOTH	PUNCTION -		0 GHz		1	N 1
0 Ha								
		statue		-				

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台灣檢驗科技股份有限公司 t (886-2) 2299-3279

## 30MHz~3GHz HSUPA B2 LowCH9262-1852.4

10.4 1	84:05 27 VH 407 25, 2018	ALIM WITC				1.54	- An Hyper I To	and they save	RI.				
Frequency	TRACE 1 2 3 4 5 6	pe: Log-Pwr	Avg	Trig: Free Run	HZ NO: Fast La	000000 G	q 1.5150	er Fre					
Auto Tune						ú			_				
Adio Tur	Ref Offset 13.9 dB Mkr1 1.853 6 GHz 22.38 dBm 22.38 dBm												
Center Fre			•1		1			1	20.0				
1.515000000 GH			1		1				10.0				
		_			-		_	-	0.00				
Start Fre		-	_	_		-	_		10.0				
30.000000 MH		-	_		1	-	-	-	20.0				
	-		14		-	-	-		30.0				
Stop Fre		1 martine and	and a second	-toronto - toronto			and the state of t		40.0				
3.00000000 GH									60,0				
		-				1	1						
CF Ste 297.000000 MH	Stop 3.000 GHz 000 ms (1001 pts)	Sweep 2.		0 MHz	#VBW			30 MH BW 1.					
Auto Mi	PUNCTION VALUE	UNCTION WOTH	PENCIUM	22.38 dBm	6 GHz	X 1.953			NO. N				
Freq Offs				22.30.000	U Gria	1.095	1		2				
0)					-		-		4				
									6				
1.1									8				
					-				10				
							- +						
		STATUS							53				

# 3GHz~10GHz HSUPA B2 LowCH9262-1852.4

Center Freq	11.500000	PNO: Fant L	Trig: Free Ru	Avg	Type: Log-Pwr	04.05 30 PM 4pr 25, 201 TRACE 1 2 3 4 5 1 Tree 4 WWWW	Frequency
10 dB/div R	ef Offset 13.9 d		BAtten: 30 dB		M	kr1 19.065 GHz -30.93 dBm	Auto Tun
-og 20,0 10.0							Center Fre 11.50000000 GH
0.00							Start Fre 3.000000000 GH
40.0 40.0 50.0	1 - Jinson				~~~~		Stop Fre 20.00000000 GH
Start 3,000 G Res BW 1.0		#VBV	V 1.0 MHz		Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GH Auto Mi
		19.065 GHz	-30,93 dBm	DONETICS:	FUNCTION WORK	PLANCTION VALUE	Freq Offs
2 3 4 5 6 7 7 8 9 9 10							
50)					STATUS		-

# 30MHz~3GHz\_HSUPA\_B2\_MidCH9400-1880

Agener (gennen Antrype) i Ter	an 34	1 sense in		-	04:06-28 WH 4pr 25, 2018	10.4.6
Center Freq 1.5150	00000 GHz	Avg Ty	ALIGN MUTO	Frequency		
Ref Offset 1 10 dB/div Ref 30.00	IFGain:Low	#Atten: 30 dB		Mk	1.880 3 GHz 22.57 dBm	
-og 30,0 10.0			•1			Center Fre 1.515000000 GH
0.00					1010-66	Start Fre 30.000000 MP
50 0 50 0			~			Stop Fre 3.00000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBV	V 1.0 MHz			Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
NOV REALES LOSS (SR) N 1 7 2 3 4 5 6 7 8 9 9 10 11	* 1.880.3 GHz	22.57 dBm	PAICTON			Freq Offs 0 H
\$6)				STATUS		

## 3GHz~10GHz HSUPA B2 MidCH9400-1880

Frequency	04:06:48 PM 40725, 2018 TRADE 1 2 3 4 5 6 Tree 44 WWWWW DET P NNNNN	ALIGN WITC (pe: Log-Pwr	Avg	Trig: Pree Run #Atten: 30 dB	GHz PNO: Fast	000000	11.500	-	11,-	R R		
Auto Tun	Ref Offset 139 dB Mkr1 19,932 GHz 10 dB/div Ref 30.00 dBm -30.11 dBm											
Center Fre 11.50000000 GH					-			_	1	20,0 10.0		
Start Fre 3.000000000 GF	entingen V		_					_		0.00 -10 0 -20 0		
Stop Fre 20.00000000 GH		*****	~~~~	a hanna data i selaman di serang ge	in the second second		tran	- m	F	40.0		
CF Ste 1.70000000 GH Auto Ma	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 28	_	1,0 MHz	#VB	-	Hz MHz	000 W 1.				
Auto Mi	PLANCTION VALUE	TUNCTION MUTH	PROFICERON	-30.11 dBm	932 GHz	× 19			N	1		
Freq Offse										N345		
			_				-			5 6 7 8 9		
		STATUS					1		-	11		

# 30MHz~3GHz\_HSUPA\_B2\_HighCH9538-1907.6

104			**********					1.54	nyan i Tem			
Frequency	38 PM Aur 25, 2018 TRACE 1 2 3 4 5 6 TITE ALWAYNAW	84:67:3	e: Log-Pwr	Avg		Trig: Free R	z	0000 GH	.51500	req 1.		Cen
Auto Tun				-	6	#Atten: 30 c	O: Fast L.	iF		_	_	_
Bato fun	Ref Offset 13.9 dB Mkr1 1.907 0 GHz 0 dB/div Ref 30.00 dBm 22.31 dBm											
Center Free				•1								Log 39.0
1.515000000 GH					_	-	-	-		-		19.0
					_				_			0.00
Start Free 30,000000 MH	-1000-000										1.	-10.0
30.00000 MH	1 0 0 0 0	-		A			-	-	_	-		30.0
Stop Free					-							40.0
3.000000000 GH							_					60,03
CF Ster	p 3.000 GHz	Stop			_	-		-	_	AHZ	t 30 N	Star
297.000000 MH Auto Mar	s (1001 pts)	.000 ms	Sweep 2.		_	1.0 MHz	#VBV		IHz	1.0 M	s BW	#Re:
inal inal	CTION VALUE	PUNC	NCTION WIDTH	UNCTION:		22.31 dBn	0 GHz	1,907	_		N	
Freq Offse		-							-			2
OH		-			-		-			++	-	5
					-					+ +		7 8
			_				-				-	2 3 4 5 6 7 8 9 10 11
		-		-		-				1.1	-	, 11
		-	STATUS								_	45/5

## 3GHz~10GHz\_HSUPA\_B2\_HighCH9538-1907.6

10 4 11	and share to conside			-		met 34	Anaryset 5						
Frequency	TRACE 1 2 3 4 5 6	ype: Log-Pwr		Trig: Free Run	HZ D: Fant	000000 GI	eq 11.500	enter Fr					
Auto Tuni	o delidiv Ref 30.00 dBm												
Center Free 11.50000000 GH	_		_		_			30,0 10.0					
Start Free 3.000000000 GH								0.00 10 0 20 0					
Stop Free 20.00000000 GH						a income	and the second	40.0 50.0					
CF Step 1.700000000 GH Auto Mar	top 20.000 GHz 3 ms (1001 pts)	Sweep 28		1,0 MHz	#VBW	-	1.0 MHz	tart 3.00 Res BW					
Freq Offse 0 H		FURCTION WOTH	PUNCT 1241	-30.29 dBm	GHZ	<sup>3</sup> 19.167		2 N 12 HC 10 1 N 1 2 3 4 5 6 7 8 9 9 10					
	- F*	status		~			1.1						

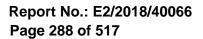
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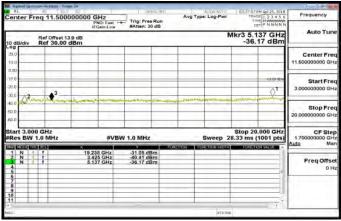
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# 30MHz~3GHz\_WCDMA\_B4\_LowCH1312-1712.4

RL 20 400 400 400 400 500 500 500 500 500 50			ALIGN WITC	03 Ju 55 WM 407 25, 2018	10.4
Center Freq 1.5150000		Av	g Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 13.9 dl 10 dB/div Ref 30.00 dBn	B		Mk	1 1.714 0 GHz 22.46 dBm	Auto Tum
20,0 10.0		•1			Center Fre 1.515000000 GH
0.00 -10 0 -20 0				101010	Start Fre 30.000000 MH
20.0 40.0 50.0 60.0		An			Stop Fre 3.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 MHz		Sweep 2.	Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 MH
	1,714 0 GHz 22,46 dBm		FUNCTION MOTH	PUNICTION VALUE	Auto Ma
2 3 4 5					Freq Offse
5 6 7 8 9 10					
11 , wsp	-		STATUS	· · · · · ·	

# 3GHz~10GHz\_WCDMA\_B4\_LowCH1312-1712.4



## 30MHz~3GHz\_WCDMA\_B4\_MidCH1413-1732.6

again freesan		1 34								10.4.63
Center Free	q 1.5150	00000 GH	Z D: Fant ++	Trig: Free	Run	Avg Ty	ALIGH NOTO pe: Log-Pwr	03:37:57 TRAD	1 2 3 4 5 6 4 MNNNN	Frequency
	tef Offset 1	iFG 3.9 dB	ain:Low	#Atten: 30	Auto Tune					
Log	tef 30.00	dBm		-		1	1	22.	55 dBm	
10.0									-	Center Free 1.515000000 GH
-10.00			-				-			Start Free 30.000000 MH
-30.0	George State				أليم			م <sup>ن</sup> م تر در	-	Stop Free
Start 30 MH Res BW 1.	0 MHz		#VBW	1.0 MHz			Sweep 2	.000 ms (		CF Step 297.000000 MH Auto Mai
		1.734 8	GHZ	22.55 dB			UNCTION MOTH	PLANCED	ON WALLIE	
3 4 5 6					-					Freq Offse
2 3 4 5 6 7 7 8 9 10					-		_			
11				-			STATU	-	$\rightarrow r^*$	
mine :							PINIO	1		

## 3GHz~10GHz\_WCDMA\_B4\_MidCH1413-1732.6

0.4	03 38 09 PM 407 25, 2018	ALIM NUTC		J SERVICE IN		1.54	An anyone ( The	- Berrinse		- Q.
Frequency	TRACE 1 2 3 4 5 6	Avg Type: Log-Pwr TRACE 12345		Law and the	Hz	000000 G	11.500	r Fred		
	DET P NNNN N			#Atten: 30 dB	NO: Fast + Gain:Low	p IF)				
Auto Tur	lkr3 5.198 GHz -34.74 dBm	м					ef Offset 1 ef 30.00		B/div	
Center Fre			_		-	-	-			.og
11.50000000 GH					-	-	1	-	1	10.00
StartFre		_			_					10.00
3.000000000 GH	61		-			-	▲3	2		20.0
	Les martine		- des antes	minimum in-			manar	Jun	1.0	40.0
Stop Fre 20.00000000 GH										50,0 50,0
CF Ste 1.70000000 GF	Stop 20.000 GHz 3.33 ms (1001 pts)	Sweep 28	_	1.0 MHz	#VB	-		1,000 G	rt 3,	sta
Auto Mi	PUNCTION VALUE	INCTION METH	PUNCTION	¥ I		x				
Freq Offs				-31.74 dBm -38.23 dBm -34.74 dBm	3 GHz 6 GHz 8 GHz	3.46	1	1	NNN	123
0)					-		-		_	4 5 6
									-	789
					-		+		_	9 10 11
		STATUS							_	\$G

## 30MHz~3GHz\_WCDMA\_B4\_HighCH1513-1752.6

10.4		and the second second			~	134	Nytet   Since	ο				
Frequency	03:39:17 PM Apr 25, 2018 TRADE 1 2 3 4 5 6	ALIGN NOTO Type: Log-Pwr	Trig: Free Run	Z VO: Fant +•	0000 GH	.51500	req 1		Cen			
Auto Tun	LET P NNNN N		-	#Atten: 30 dB	ND: Fast ++ Sain:Low	IFC		-	_	_		
Auto Tun	Ref Offset 13.9 dB Mkr1 1.752 6 GHz 22.82 dBm 22.82 dBm											
Center Free			-			_		-		30,0		
1.515000000 GH							_			10.00		
Start Free		-				_		-	-	-10.0		
30.000000 MH			1			-				20.0		
Stop Free	n		-lip-				America	ma	and	40.0		
3.000000000 GH						-				60,03-		
CF Ster 297.000000 MH	Stop 3.000 GHz 00 ms (1001 pts)	Sweep 2.0		1.0 MHz	#VBV		MHz	MHz	t 30			
Auto Mai	PLANCTION VALUE	FUNCTION WOTH	PUNCTION	22.82 dBm	6 GHz	1,752	-		N	1101		
Freq Offse										2345678910		
			_		-					5		
										89		
					_		_	11		10		
		STATUS								5		

#### 3GHz~10GHz\_WCDMA\_B4\_HighCH1513-1752.6

- An anyon I Tomas	54				10 4 63
q 11.50000	PNO: Fast +	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	dB	#Atten: 30 dB	N		Auto Tune
					Center Free 11.500000000 GH
.3					Start Free 3.000000000 GH
manne		- server and the serv			Stop Fre 20.000000000 GH
GHz 0 MHz		W 1,0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GH
	8 19.201 GHz 3.505 GHz 5.258 GHz	-31,86 dBm -40,90 dBm -37,97 dBm	- Sherion - Fakenon waard	PLANETION VALUE	Auto Mar Freq Offse 0 H
	a 11.50000 tef Offset 13 Stef 30.00 dl a 3 a a a a a a a a a a a a a a a a a a	(FGainsLew (FGainsLew (FG Franct) 28 def (FG Franct) 28 def (F	3         3         400 mm         300 mm	Bit is in the second control of the second	But is a more more state in the state is a more more state in the state is a more more more more more more more more

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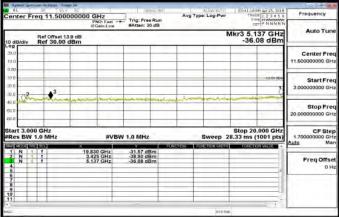
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# 30MHz~3GHz HSDPA B4 LowCH1312-1712.4

	(Berting	- Anaryzet 13	inige 34			-					10.4	
Center	Fre	q 1.515	000000 0	Hz	Trig: Pree R		Avg T	pe: Log-Pw	E TR	1 2 3 4 5 6	Frequency	
	Ref Offset 13.9 dB Mkr1 1.714 0 GHz											
10 dB/d	iv I	Ref Offset Ref 30.0	13.9 dB 0 dBm						22	.27 dBm		
33.0		-	-	-		•1					Center Fre	
t0.0		-	-	-		-		-	-	-	1.515000000 GH	
0.00		-	-	-			-	-				
-10.0		-	-	-		-	-	-	-		Start Fre	
30.0										2.2.2	30.000000 MH	
40.0	-			-	- Annal and a second	1	-		the second second			
50,0		-	-	-		_	-	-	-	-	Stop Fre 3.00000000 GH	
66.0	-	-	-	-	-	-	-	-	-			
Start 3 #Res E			-	#VB	W 1.0 MHz			Sweep		3.000 GHz (1001 pts)	CF Ste 297.000000 MP	
			1.74	4 0 GHz	22.27 dBm		1150	TUNCTION UND	PLANC	ION WALLE	Auto M	
2 3		-	54.	4 U OFIA	22.27 000	1	-		-	_	Freq Offs	
4 5	1					-	-				0)	
6				-		-	-					
7 8 9		-				-	-		-			
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								Parte				

# 3GHz~10GHz HSDPA B4 LowCH1312-1712.4



# 30MHz~3GHz\_HSDPA\_B4\_MidCH1413-1732.6

Aginer ipresse Annyre i henre Sa	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			10 4 63		
Center Freq 1.515000000 GHz	Trig: Free Run	Aug Type: Log-Pwr	03:42:17 PM 40725, 2018 TRACE 1 2 3 4 5 6 THE MUNICIPAL	Frequency		
IFGain:Los Ref Offset 13.9 dB 10 dB/div Ref 30.00 dBm	#Atten: 30 dB	Mk	Mkr1 1.734 8 GHz 22.15 dBm			
30,0	•	1		Center Free 1.515000000 GH		
0.00			43 (D 10)	Start Fre 30.000000 MH		
20.0 40.0 ε0.0 ε0.0	L		and the second sec	Stop Fre 3.00000000 GH		
Start 30 MHz Res BW 1.0 MHz #V	BW 1.0 MHz	Sweep 2	Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma		
Carrier Frank Chini Xa     Chini Y     Chini Xa     Chini Xa	22,15 dBm		PLATE LON VALLE	Freq Offse 0 H		
5 6 7 8 9 9 10				1		
140)		STATUS				

# 3GHz~10GHz HSDPA B4 MidCH1413-1732.6

10.4	03:42:28 PM Apr 25, 2018	ALIGH MUTC		L SERVE IN		134	An experience	and they	i ing			
Frequency	TRACE 1 2 3 4 5 6	g Type: Log-Pwr		Law and	GHz PNO: Fast +		eq 11.500	ter Fr				
Auto Tur	1kr3 5.198 GHz	Ref Offset 139 dB Mkr3 5.198 GHz 10 dB/div Ref 30.00 dBm -34.92 dBm										
1					1	Gent	100.00	Julie	.og			
Center Fre 11.50000000 GH					-				39,0			
11.50000000 GF							1.1		10.00			
Start Free	100000						1		10.00			
	-100-005						1		20.0			
3.000000000 GH	01						▲3	2	30.0			
		Upon provident	-	- and and and a start	+ Minante		- Jonation	- China	40.0			
Stop Fre									50.0			
20.00000000 GH					-	-	-		60.0			
CF Ste	Start 3.000 GHz Stop 20.000 GHz											
1.700000000 GH Auto Ma	8.33 ms (1001 pts)			1.0 MHz	#VB		1.0 MHz	_				
100	PLANCTION VALUE	FUNCTION MOTH	PONCT	-31.59 dBm	082 GHz	× 19.0		N 1				
Freq Offs				-38.93 dBm	465 GHz 198 GHz	3.	1	N	2			
0)		-		-34.92 dBm	198 GHZ	9.		N	4 5			
-		-	-		-				6			
									6 7 8 9			
			_						10			
	· · · · ·						I_I	-	11			
		STATUS							50			

# 30MHz~3GHz\_HSDPA\_B4\_HighCH1513-1752.6

10.4		and the second second				e 54	Ayoti Sint	- Δη.		
Frequency	03:43:35 PM Apr 25, 2018 TRADE 1 2 3 4 5 6 THE MONTON PNNNN	ALIGN NOTO Type: Log-Pwr	Av	Trig: Free Run		0000 GH	.51500	reg 1		Cen
Auto Tun	1,755 6 GHz	Mke		in:Low #Atten: 30 dB						_
	22.92 dBm	MIN				9 dB IBm	Offset 13. 30.00 d	Ref	BJdiv	
Center Fre		-				-		-	-	30,0
1.515000000 GH				-	-			-	-	10.00
Start Fre										10.00
30.000000 M		-	+					-	-	20.0
Stop Fre	in company	in the second	-				a Diversite			30.0 40.0
					-		a subject		-	50,0
		-		-			-	-		EE D
CF Ste 297.000000 MH	Stop 3.000 GHz 00 ms (1001 pts)	Sweep 2.0		30 MHz BW 1.0 MHz #VBW 1.0 MHz						
Auto Ma	PLANETION VALUE	FUNCTION WOTH	PUNCTION.	22.92 dBm	6 GHz	1 765				101
Freq Offse				22.72 900	U GITA	1/1/55			-	
OH			_		-				-	2345678910
							_	+ +	-	78
										9
	- F.							1.1	-	11
		STATUS							_	55

## 3GHz~10GHz\_HSDPA\_B4\_HighCH1513-1752.6

Ref Offset 133 dB         MRC3 5.256 dBm           0 dBddw         -37.85 dBm           0 dBddw         -37.85 dBm           0 dBddw         -37.85 dBm           10 dBddw         -37.85 dBm           11 50000000 GF         -30.96 dBm           12 M         1 1 20000000 GF           12 M         1 20000000 GF           13 M         1 1 3000 GHz           14 M         1 3000 GHz           13 M         1 1 3000 GHz           14 M         <	10 4 6			and the second			-	-	a 1 3 4	- An expert 1	ant plantes	
Bit of Offset 13 ed B         Auto Tur           0 dation         -37.95 dBm           0 h         <	Frequency	CE 1 2 3 4 5 6	TRACE 1 2 3 4 5		AvgT	ree Run	Trig: Pr	PNO: Fast +			er Fre	
300         300         Center File           100         1	Auto Tuni	258 GHz	1kr3 5.2	M		1: 30 dB	#Atten:	FGain:Low	3.9 dB			10 dE
Start Free         Start Free           00         0	Center Free 11.50000000 GH				_	-		-				39,0 10.0
Stop Free         Stop P2.000 GHz         Stop P2.000 GHz         Stop P2.000 GHz           Start 3.000 GHz         #VBW 1.0 MHz         Stop 20.000 GHz         CF Start           Start 3.000 GHz         #VBW 1.0 MHz         Stop 20.000 GHz         CF Start           Start 3.000 GHz         #VBW 1.0 MHz         Stop 20.000 GHz         CF Start           Start 3.000 GHz         #VBW 1.0 MHz         Stop 20.000 GHz         Attraction of the store of the st	Start Free 3.000000000 GH:	OT.								3		10.0
RRes BW 1.0 MHz         #VBW 1.0 MHz         Sweep 28.33 ms (1001 pts)         170000000 Gr           20 Data Hig 524	Stop Free 20.00000000 GH		delict and the second			19. W	(Alley Fynanch (Ynorthy)	- mires	A. /	- minute		50,0
Cold Work         Cold Work <thcold th="" work<=""> <thcold th="" work<=""> <thc< td=""><td>CF Ster 1.700000000 GH</td><td>(1001 pts)</td><td></td><td>Sweep 28</td><td></td><td>Hz</td><td>W 1.0 MH</td><td>#VBA</td><td></td><td></td><td></td><td></td></thc<></thcold></thcold>	CF Ster 1.700000000 GH	(1001 pts)		Sweep 28		Hz	W 1.0 MH	#VBA				
	Freq Offse 0 H	(SIN 9288) -	PMNETI	NG TICK WARTEN		dBm	-41.09	05 GHz	19.2	T T T	N	1 2 3 4
												7 8 9 10 11

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台灣檢驗科技股份有限公司

# 30MHz~3GHz\_HSUPA\_B4\_LowCH1312-1712.4

10.4	18 PP 407 25, 2018		ALDH WITC			anse II			er ia	Mysel Sm	100 m 4		R R
Frequency	RACE 1 2 3 4 5 6	TRA	pe: Log-Pwr	Avg			124.4	Hz	00000 G	1.5150	Freq		
Auto Tur	and the state of the		-	-	·	30 dB	#Atten:	PNO: Fast * FGain:Low		-	-	_	_
Auto Tu	14 0 GHz 2.17 dBm	kr1 1.71 22	Mk						dBm	Offset 1	Re	BJdiv	
Center Fre					•1		_	-					.og
1.515000000 GH	-		-	-	-	-	-	-	-		_		tea
			-	-	+	-			-		-		0.00
Start Fre 30.000000 MH		-	-	-	-	-		-	-		-	-	10.0
						-		-	-		-		20.0
	- Americant	an		-	1	100	and share		1			11	30-0 40-0
Stop Fre 3.000000000 GH				-				-	-				50.0
	-	-	-	-		-		-	-		_		60.D
CF Ste 297,000000 M	3.000 GHz s (1001 pts)		Swaan 2	-			W 1.0 MH	#\/B	-		MHz V 1.0		
Auto M			mineron and	-	DIT!	4	W 1.0 mm		×			-	
						dBm	22.17 d	40 GHz			1 1	N	
Freq Offs				_									2345
		-		_		-		-				-	6
		-			-	-					-		7 8 9
				-	_			-		-			10
	- F.	-						_			-	- '	
		6	STATUS										50

# 3GHz~10GHz\_HSUPA\_B4\_LowCH1312-1712.4

Bag meet Tgent regent der steppent i Terment Sa	1004 400 25 2010	04:10:31 PM Apr 25	
enter Freq 11.500000000		TRACE 1 2 3 4 5 6	
	Auto Tu	DET P NN	
0 dB/div Ref 30.00 dBm	137 GHZ	Akr3 5.137 G -33.80 dl	
30,0	Center Fr		
100	11.50000000 G		
n0	source Start Fr	-40.0	
00 ~2 <b>4</b> 3	0 <sup>1</sup> 3.00000000 G	0	
D D De March March March March March	Stop Fr		
0.0	20.00000000 G		
tart 3.000 GHz Res BW 1.0 MHz	(1001 pts) 1.700000000 G	Stop 20.000 C	
	Auto M	PLOTETICN VALUE	
1 N 1 7 19.1 2 N 1 1 34 4 1 5.1	FreqOffs		
6 6 7 8 9 0		6	
8			
0			
6	+		

# 30MHz~3GHz\_HSUPA\_B4\_MidCH1413-1732.6

ügener ipereinen ärjarget i Sinere Sa		The second second			10 4 63		
Center Freq 1.51500000	PNO East +P	Trig: Free Run	Aug Type: Log-Pwr	B413 25 PM 407 25, 2018 TRADE 1 2 3 4 5 6 THE 44 WWWWW	Frequency		
Ref Offset 13.9 dB 10 dB/div Ref 30.00 dBm		#Atten: 30 dB	M	Mkr1 1.731 8 GHz 22.08 dBm			
20.0 10.0	_		1		Center Free 1.515000000 GH		
0.00	_			-000 ages	Start Free 30.000000 MH		
20.0 40.0 50.0 60.0			Langer	1	Stop Fre- 3.000000000 GH		
Start 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 2	Stop 3.000 GHz 2.000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma		
1 N 1 f 2 3 4	1.731 8 GHz	22.08 dBm	unication. I runk non-witan	PLWCT/SRIVALICE -	Freq Offse		
5 6 7 8 9 9					1		
upo i			STATU	E E			

# 3GHz~10GHz\_HSUPA\_B4\_MidCH1413-1732.6

	An any set i The	1 54	10 A 10 A 10 A			10.4
Center Fr	eq 11.5000	000000 GHz	Trig: Pree Run	Avg Type: Log-Pwr	04:12:37 PM 4gr 25, 2018 TRACE 1 2 3 4 5 6 THE MWWWW	Frequency
		PNO: Fast + IFGain:Low	#Atten: 30 dB			Auto Tun
10 dB/div	Ref Offset 13 Ref 30.00	dBm		N	Akr3 5.198 GHz -35.90 dBm	Addoru
20.0						Center Fre
19.0						11.50000000 GH
0.00	_					
10.0	_				-10.00-0505	Start Free 3,000000000 GH
20.0					1	
300 000	4 <sup>3</sup>	-	A STREET OF THE OWNER OF THE OWNE	ومرجوع فالمستانية مراسي	1 and a star all west	
40.0						Stop Fre 20.00000000 GH
60,0						
Start 3.000	GHz				Stop 20.000 GHz	CF Ste
Res BW		#VB	W 1.0 MHz	Sweep 2	8.33 ms (1001 pts)	1.70000000 GH
1 N		19.184 GHz	-31,68 dBm	UNCTION FUNCTION WOTH	PUNCTION VALUE	Auto Ma
2 N 1		3.465 GHz 5.198 GHz	-40.24 dBm -35.90 dBm		-	Freq Offs
4 5		0.198 GHZ	-36.90 dBm			0)
6						-
7 8 9 10						
10						
	* *					
\$Q)				STATUS		

# 30MHz~3GHz\_HSUPA\_B4\_HighCH1513-1752.6

10.4		-				4	Ayoti Smith 3	0		
Frequency	04:14:35 PM Apr 25, 2018 TRACE 1 2 3 4 5 6 THE ALWARD N N	ype: Log-Pwr	Ava	g: Free Run		000 GHz	.515000	req 1		R Cer
Auto Tune		-		tten: 30 dB	int ++++	PNO: Fan IFGain:Lo	_		_	
Auto Tune	1 1.755 6 GHz 22.63 dBm	Mk		-			Offset 13.9 30.00 dE		BJdiv	10 d
Center Free					-			-		20,0 10.0
1.51500000 GH		_		-		-			1.1	0.00
Start Free 30.000000 MH	-000-64					_			-	10.0
	مصريب بمرجود والمسيد ويوندو		1	mild.		- Carlo				30.0 40.0
Stop Fre 3.000000000 GH		-					of Malace			50,0
CF Step	Stop 3.000 GHz			~			1		1 30	
297.000000 MH	000 ms (1001 pts)			MHz	VBW 1	#	IHZ	1.0 M	-	-
	PLANETION VALUE	FUNCTION WOTH	PUNCTION:	2.63 dBm	z	1,755 6 GHz				
Freq Offse 0 Ha										2345678910
				_					=	6 7 8 9
										10
		STATUS								eşa

## 3GHz~10GHz\_HSUPA\_B4\_HighCH1513-1752.6

10 4 63			-				Analysis i Tomas Sa	
Frequency	58 PM Apr 25, 2018 TRACE 1 2 3 4 5 6	AUGH WITC B4134 56 PM 4gr 25, 20 Avg Type: Log-Pwr TRACE[] 2 3 4 5 THE AVWWWW			Trig: Free Run	DOD GHz	11.500000	enter Free
Auto Tune	5.258 GHz 6.62 dBm	Mkr3 5.3	N		#Atten: 30 dB	IFGain:Low	f Offset 13.9 di	10 dB/div
Center Freq 11.50000000 GHz								20.0 10.0
Start Freq 3.000000000 GHz	romes	-					<b>3</b>	0.00 -10 <sup>0</sup> -20 0
Stop Freq 20.00000000 GHz		hinne the rai		- U.S.			manner	40.0 60.0 60.0
CF Step 1.700000000 GH; Auto Man	20.000 GHz s (1001 pts)		Sweep 2		1.0 MHz	#VBI		Start 3,000 PRes BW 1.0
Freq Offse 0 Ha	RETIGIRI VALLILE	il Date		DONETIEN:	-31.56 dBm -40.42 dBm -36.62 dBm	18.623 GHz 3.505 GHz 5.258 GHz		1 N 1 2 N 1 3 N 1 4 5
								5 6 7 8 9 10 11
		107	573 100					655

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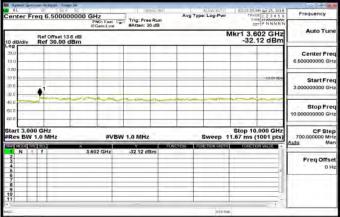
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# 30MHz~3GHz\_WCDMA\_B5\_LowCH4132-826.4

against Spectrum Analyses   Trease	54				10.4
Center Freq 1.515000	0000 GHz	Trig: Free Run	Avg Type: Log-Pwr	03:15:39 PM 4gr 25, 2018 TRACE 1 2 3 4 5 6 TITE M NNNN	Frequency
Ref Offset 13.6		#Atten: 30 dB	Mł	r3 2.479 2 GHz -36.39 dBm	Auto Tun
20.0 10.0	V1				Center Fre 1.51500000 GH
0.00					Start Fre 30.000000 MH
40 0 50/0 60/0		C.			Stop Fre 3.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBI	N 1.0 MHz	Sweep 2	Stop 3.000 GHz .000 ms (1001 pts)	CF Ste 297.000000 MH
1 N 1 f 2 N 1 f 3 N f f 4	8 826,0 MHz 1,652 8 GHz 2,479 2 GHz	23.90 dBm -39.20 dBm -36.39 dBm	SECTION FUNCTION WORK	P MALETION VALUE	Freq Offse
5 6 7 8 9 10					
4 863			STATU		

# 3GHz~10GHz\_WCDMA\_B5\_LowCH4132-826.4



## 30MHz~3GHz\_WCDMA\_B5\_MidCH4183-836.6

10.4			-				134	An Hyper I Tom	
Frequency	1 2 3 4 5 6	TRAC	Type: Log-Pwr		Trig: Free Ru	O: Fast La	PN	eq 1.51500	Center Fi
Auto Tun	9 8 GHz 38 dBm	r3 2.50	Mk		#Atten: 30 dE	ain:Low	6 dB	Ref Offset 13 Ref 30.00	10 dB/div
Center Fre 1.515000000 GH			_				Υı		-og 20,0 10.0
Start Fre 30.000000 MH	entiretes	▲3		.2					0.00 10:0 20:0
Stop Fre 3.000000000 GH	e			Q.		-	malle		40 0
CF Ste 297.000000 MH Auto Ma		.000 ms (	Sweep 2.	_	1.0 MHz	#VBW		1.0 MHz	Start 30 M
Freq Offse	-	DS9(C1)		POPIC	24 28 dBm -38,36 dBm -36,38 dBm	SMHX GHZ GHZ	840.8 1.673 2 2.509 8		1 N 1 2 N 1 3 N 1 4 5
									5 6 7 8 9 10 11
			STATUS						660

## 3GHz~10GHz\_WCDMA\_B5\_MidCH4183-836.6

	An any other and								10 4 6
RL Center Fr	eg 6.500	000000 GHz	-	Lacinae	Avg	ALIGN MUTC Type: Log-Pwr	03:17:35 PM 4p	2456	Frequency
		PNO: Fa IFGain:L	et 🕞	Trig: Free Ru #Atten: 30 dB			DET P 1	NNNN	
10 dB/div	Ref Offset	13.6 dB					4.869 -32.92	GHz	Auto Tur
og	Rel 30.0	o dam	- 1		-				1
30,0			-					_	Center Fre
10.0	-		_					_	6.50000000 GH
0.00			-						
10.0	_		-						StartFre
20.0	-	- 1	-			-		_	3.000000000 G
0.00	Harrison	•				-	the second second		
40.0	-	and a second	- mark	An and the second second					Stop Fre 10.000000000 GH
50,0	-		-		-	-		- 1	
60.D	-	-	-	-		_			
Start 3.00	0 GHz	- L-	-		-		Stop 10.000	GHZ	CF Ste
Res BW		,	VBW	1.0 MHz		Sweep 1	1.67 ms (100	1 pts)	700.000000 M
NOTE IN	122 3	×		Y	PUNCTION	FUNCTION MOTH	PUNCTION VA		Auto M
1 N	11	4,869 GH	z	-32.92 dBm	-	-			
2 3 4			-						Freq Offs
5			1			-	10	-	0)
6			-			-			
7 8 9			-		-				
10									
11	1.1.		-			-	-		

## 30MHz~3GHz\_WCDMA\_B5\_HighCH4233-846.6

Aginer (gernen Arryrt   Tomat 52	- airth		04 WITC 03 19 08	IM Apr 25, 2018	14 🛍
enter Freg 1.515000000 G	Hz	Avg Type: L	LOG-PWF TRA	=123456 Frequ	uency
	PNO: Fast Len Trig: Free F #Atten: 30	dB		T P NNNN N	to Tun
0 dB/div Ref 30.00 dBm			Mkr3 2.53 -37.	9 8 GHz 11 dBm	ato run
30.0	1			Cer	ter Fre
10.0					0000 GH
0.00					_
10:0				S	tart Fre
20.0			•3	30.00	30.000000 MH Stop Fre 3.00000000 GH
40.0	in the second second	$\mathcal{O}^2$		miner	
50,0					
60.0			_	3.0000	0000 011
start 30 MHz Res BW 1.0 MHz	#VBW 1.0 MHz	Sv	Stop 3	.000 GHz	CF Ste
NOT MADE THE SET X	stati notine	the second s		Auto	Ma
	6.8 MHz 24.13 dBr 3 2 GHz -39.37 dBr	n			
3 N 1 1 2.53	98 GHz -37.11 dBr			Fre	o H
6 7			11		-
5 6 7 8 9 9 10					
11					
63			STATUS	- Y	

#### 3GHz~10GHz\_WCDMA\_B5\_HighCH4233-846.6

10 4 63	and a second second second						i Trengt Sa	An any other	
Frequency	19.26 PM 4pr 25, 2018 TRACE 1.2.3.4.5.6 TRE AVAILABLE TO BE AV	Log-Pwr	Avg	Free Run	Trig:	SHZ PND: Fant L,	0000000	req 6.50	enter Fr
Center Free 6.50000000 GH Start Free 3.00000000 GH	4.036 GHz 32.93 dBm	Mk	~	en. oo uu	-	or caller to w	et 13.6 dB .00 dBm		) dB/div
Center Fred 6.50000000 GHz			-	_	_			_	90 90
Start Free 3.000000000 GHz	-1010-164		-	-	-	-			000 000
Stop Free 10.00000000 GHz	a - a a pair of the loss				d and a second		and a second	ul comment	
CF Step 700.000000 MH; Auto Mar	p 10.000 GHz ns (1001 pts)			ИНZ	W 1.0 M	#VBV		0 GHz 1.0 MHz	tart 3,00 Res BW
Freq Offset 0 Ha	ANGTOOR WALKE	CE ITO DE L'ATRI ME	POLICITICAL:	93 dBm	-32.9	036 GHz	8 4	i i i i i i i i i i i i i i i i i i i	2 3 4
									2 3 4 5 6 7 8 9 0 1
-		status.						the second second	0

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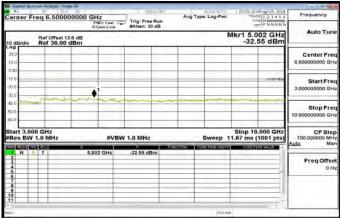
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## 30MHz~3GHz\_HSDPA\_B5\_LowCH4132-826.4

Agener (genouw Antrynt   Power 52				10.4
Center Freg 1.515000000 GH	Z C: Fast Las Trig: Free Ru	Avg Type: Log-P		Frequency
PN IFG	ain:Low #Atten: 30 dE	1	Contraction of the second s	Auto Ture
10 dB/div Ref 30.00 dBm			Mkr3 2.479 2 GHz -36.22 dBm	Autorun
30.0				Center Fre
taa			-	1.515000000 GH
0.00				
-10/0			-1000-000	Start Fre
30.0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	<b>♦</b> <sup>3</sup>	30.000000 MH
40.0		Manager		Stop Fre 3.00000000 GH
60(0				
60 D				
Start 30 MHz #Res BW 1.0 MHz	#VBW 1,0 MHz	Sweep	Stop 3.000 GHz 2.000 ms (1001 pts)	CF Ste 297.000000 MH
1 N 1 T 826.0	MHz 23 22 dBm	FUNCTION FUNCTION W	DTH PUNCTION VALUE -	Auto Ma
2 N 1 1 1.652 8 3 N 1 1 2.479 2 4	GHz -37.63 dBm			Freq Offse
5 6 7 8 9				
8 9				
10				
* 855		-	ATUS-	

# 3GHz~10GHz\_HSDPA\_B5\_LowCH4132-826.4



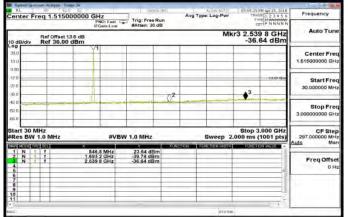
## 30MHz~3GHz\_HSDPA\_B5\_MidCH4183-836.6

RL Annyati	434	SERVICE INC.	ALIGH MUTC		10.4
Center Freq 1.51500	PNO: Last	Trig: Free Run	Avg Type: Log-Pwr	03:53:13 PM 40725, 2018 TRACE 1 2 3 4 5 6 THE MWWWW	Frequency
10 dB/div Ref 30.00	IFGain:Low	#Atten: 30 dB	Mk	r3 2.509 8 GHz -37.10 dBm	Auto Tuni
-og 30,0 10.0	V1				Center Fre 1.515000000 GH
0.00				43	Start Fre 30.000000 MH
10.0 40.0 50.0		Q <sup>2</sup>		A	Stop Fre 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBV	1,0 MHz	Sweep 2	Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
N         1         N         1         T           2         N         1         T         1           3         N         1         T         1           4         -         -         -         -           5         -         -         -         -           6         -         -         -         -           7         -         -         -         -         -           8         -	840.8 MHz 1.673 2 GHz 2.509 8 GHz	23.56 dBm -39.75 dBm -37.10 dBm	NETION PUNCTION WITH	DAVIEI DIR MANGE	Freq Offse 0 H
8 9 10 11 *		-	STATUS		

## 3GHz~10GHz\_HSDPA\_B5\_MidCH4183-836.6

	An any or a line	au 54				10 4 6
BL. Center Fr	eg 6.5000	00000 GHz	DERUSE II	Avg Type: Log-	PWF TRACE 1 2 2 4 5	Frequency
		PNO: Fast IFGain:Low	#Atten: 30 dB		DET P NNNN	
10 dB/div	Ref Offset 1 Ref 30.00	3.6 dB			Mkr1 4.841 GHz -31.49 dBm	Auto Tur
Log	111 50.00	dom.	1 1			
30,0			-			Center Fre
10.0						6.50000000 GH
0.00						
10.0			-			StartFre
20.0		1	-			3,000000000 G
30.0		•	1			10000000
40.0	- Manure	men man	all the second stranger	- start for the second	- Harrison	Stop Fre 10.00000000 GH
50.0					· · · · · · · · · · · · · · · · · · ·	
60.0			1			
12.5	-		C Service Service			
Start 3,00 #Res BW		#VI	BW 1.0 MHz	Swee	Stop 10.000 GHz p 11.67 ms (1001 pts	700.000000 MH
		4.841 GHz	-31,49 dBm	PUNCTION FUNCTION	NDTH PLAYCTION VALUE	Auto M
2 3		4,041,0412	-51,49 dbm			Freq Offs
3 4	+ +					Prequis
5			-		1	97
			-			
7 8 9						
10						
11	1.1.					
660					STATUS	-

## 30MHz~3GHz\_HSDPA\_B5\_HighCH4233-846.6



#### 3GHz~10GHz\_HSDPA\_B5\_HighCH4233-846.6

0.4.4				_				1.54	Analyzes Since	Agence (genouse
Frequency	PM 407 25, 2018	TRA	ALIGH AUTO		Free Run	- 70	IZ NO: Fant	0000 GH	6.50000	nter Fred
Auto Tune	890 GHz 71 dBm	Ikr1 4.8	N		en: 30 dB	#A	ND: Fant Sain:Low	6 dB	ef Offset 13. ef 30.00 d	dB/div R
Center Freq 6.50000000 GHz		_								9 10 10
Start Freq 3.00000000 GHz				_		-	_	<b>A</b> 1		0
Stop Freq 10.00000000 GHz	- und	all and	and the second s	~~~~	it is not		~	with		
CF Step 700.000000 MHz Auto Man		Stop 10 1.67 ms (	Sweep 1		MHz	3W 1.0	#VE			art 3,000 0 tes BW 1.0
Freq Offset 0 Hz	(SR (2016) -	PLANET	TUNCTON WHETCH	PUNCTION:	71 dBm	3.	0 GHz	4.89		
	- + ·		STATUS							

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## 30MHz~3GHz\_HSUPA\_B5\_LowCH4132-826.4

10.4	12 14 40725, 2018	-	ALIGH WIND		Latite		1 5a	- An experie	an Marris	RI
Frequency	RACE 1 3 2 4 5 6	T T	Type: Log-Pwr		En state	z	00000 GH	eq 1.5150	er Fre	
Auto Tur	LET P NNNN				#Atten: 30 dB	O: Fast C.	IFG		_	
Center Fre 1.515000000 GH	479 2 GHz 6.46 dBm	lkr3 2.4 -30	Mk					Ref Offset 13 Ref 30.00	Jdiv	0 dE
Contor En						_	1		1	.og
		_	_			-		_		tu a
	_	-	_			-		-	-	0.00
StartFr		-	-	-	-	-		_		0.0
30.000000 M	_	.3	_		-		- 1			20.0
Stop Fre	- interio	-		() <sup>2</sup>	-	-	1	-	1	0.0
		-		-					_	50,0
3.00000000 G	-	-	_	-	_	-		_	-	6,0. D
CF Ste 297.000000 M	p 3.000 GHz s (1001 pts)		Sweep 2		1.0 MHz	#VB	-	Hz .0 MHz	30 M	
Auto M			FUNCTION WOTH	DOM:N	Y		×		NAME AND ADDRESS	_
		-			22.77 dBm	MHz	828.9	1	N 1	
Freq Offs					-36.46 dBm	GHZ	2.479	1	NI	4
						-			-	67
		-								8
									-	5 6 7 8 9 10
	· · · ·		STATUS							60

# 3GHz~10GHz\_HSUPA\_B5\_LowCH4132-826.4

Digmont (genn)		1.54				ALIGH MUTC			10 4 4
	eq 6.5000	00000 GHz			Ave	Type: Log-Pwr	TRACE	DET P NNNN N	
		PNO	Fast and	Trig: Free Ru #Atten: 30 dB	3		DET	NNNNN	6         Prequency           7         Auto Tur           1         6.50000000 GH           3         Start Frc           3         5.0000000 GH           Stop Frc         10.0000000 GH           2         CP Ste
10 dB/div	Ref Offset 1 Ref 30.00	3.6 dB dBm					Akr1 3.60 -31.43	9 GHz 8 dBm	
20.0						_			Center Fre
19.0	-	-	-	_				-	
0,00						_			
0.0			-		-				
30.0	1							1.11	3.000000000 GH
40.0	The second second	martin	mour			and the second	al more		Stop Fre 10.00000000 GH
0.03			-		-	-		-	
60.0	-		-		_	_			
Res BW			#VBW	1.0 MHz		Sweep 1	Stop 10.0 1.67 ms (10	01 pts)	700.000000 M
T N		3 609 0	214 2	-31.43 dBm	DONGTION	FUNCTION MOTO	PARETION	VALUE -	Auto M
2 3 4			21.18	- Trace Statem					Freq Offs
5 6 7 8 9 10			-					-1	
9							-		
11						-			
50						STATU	1		

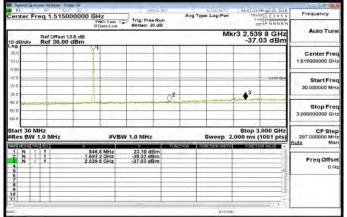
## 30MHz~3GHz\_HSUPA\_B5\_MidCH4183-836.6

BL ST	134	1 sense mi	ALIM NUTO	64:00 12 PM 407 25, 2018	10.4
Center Freq 1.51500	PNO: Last	Exception of the	Avg Type: Log-Pwr	TRACE 123456	
Ref Offset 13.		BAtten: 30 dB	Mk	r3 2.509 8 GHz -37.41 dBm	Auto Tun
30.0	V1				Center Fre 1.515000000 GH
0.00 10.0 20.0		~2		43	Start Fre 30.000000 MF
40.0 50(0 60.0	- Alexander	0.			Stop Fre 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 2	Stop 3.000 GHz .000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
Way Kanto Fick Fick Fick Fick Fick Fick Fick Fick	837.6 MHz 1.673 2 GHz 2.509 8 GHz	23.08 dBm -38.76 dBm -37.41 dBm	ANCTION FUNCTION WATER	DANG TARIYANG	Freq Offse 0 H
11			STATUS		

## 3GHz~10GHz\_HSUPA\_B5\_MidCH4183-836.6

	An any or a line	194 SA							10 4 4
BL. Center Fr	eg 6.5000	00000 GHz	-	GERISE II	Avg	ALIGN AUTO Type: Log-Pwr	84:00:24 PM Apr 25 TRACE 1 2 3	456	Frequency
		PNO: Fai IFGain:Lu	t Lan	Trig: Free Run #Atten: 30 dB			EET P NN	NNN	
10 dB/div	Ref Offset 1 Ref 30.00						Mkr1 4.869 G -31.72 dl		Auto Tun
Log	111 50.00					1	T	-	1
30,0					-			-	Center Fre
10.0			-			_		-1	6.50000000 GH
0.00	-								
10.0	-	-	-		-	-	-4040	-ite	StartFre
-20.0		A1	-	-	_	_		-	3.000000000 GH
30.0		- train					Common also a		-
40.0			2010						Stop Fre 10.00000000 GH
60.0	-				-	-			
-EG.D	-		-	-	_	_		- 1	
Start 3,00		#	VBW	.0 MHz		Sweep	Stop 10.000 C		CF Ste 700.000000 MH
NAME AND DESCRIPTION		×		Y III	PENNTIN			~	Auto Mi
1 N 1	1	4,869 GHz	-	-31.72 dBm				-11	
2 3								-11	Freq Offs
4 5							10	- 1	0)
6			-		-	-		-8	
7 8			-					-8	
9								-91	
11	1.1.		-		-		-	7	
60						STATU		-	

## 30MHz~3GHz\_HSUPA\_B5\_HighCH4233-846.6



## 3GHz~10GHz\_HSUPA\_B5\_HighCH4233-846.6

0 4 63		-				134	- Annyat I	
Frequency	B4:01:36 PM 4pr 25, 2018 TRADE 1 2 3 4 5 6 TIME ALWANNIN N	Type: Log-Pwr		Trig: Pree Ru	O East La	PN	eq 6.50000	Center Fr
Auto Tune	-32.68 dBm	м		#Atten: 30 dB	ain:Low	6 dB	Ref Offset 13 Ref 30.00 (	10 dB/div
Center Fred 6.50000000 GHz								20,0 10.0
Start Free 3.000000000 GHz	40 (D (C (				-	•		0.00 -10.0 -20.0
Stop Fred 10.00000000 GHz				lier and	~	-	New York Contraction	30.0 40.0 60.0
CF Step 700.000000 MH; Auto Man	Stop 10.000 GHz 67 ms (1001 pts)	Sweep 11		1.0 MHz	#VBW			Start 3,00 #Res BW
Freq Offset 0 Ha			PUNCTR	-32.68 dBm	GHZ	4,876		1 N 1 2 3 4 5 6 7 8 9 9 10 11
		STATUS						

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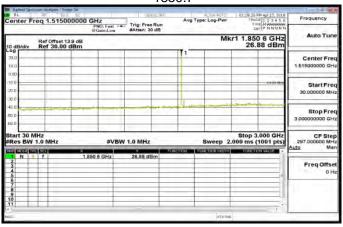
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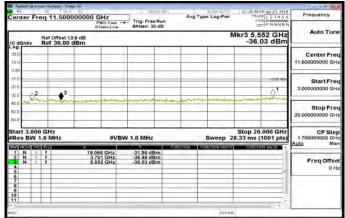
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# 30MHz~3GHz\_Band2\_1\_4MHz\_QPSK\_1\_0\_LowCH18607 -1850.7



# 3GHz~10GHz\_Band2\_1\_4MHz\_QPSK\_1\_0\_LowCH18607 -1850.7



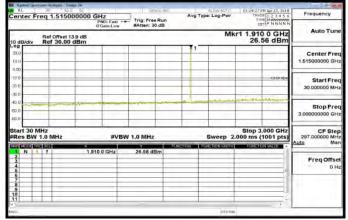
30MHz~3GHz\_Band2\_1\_4MHz\_QPSK\_1\_0\_MidCH18900 -1880

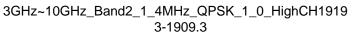
10.4			*******					ar 54	An Aryset 1 Sun	THE OWNER OF	
Frequency	UM Apr 23, 2018	TRA	Log-Pwr	Avg Ty	Bun	1	1z	00000 G	1.5150	Freq	enter
Auto Tun	ET PNNNN			_		#Atten: 3	ND: Fast +• Gain:Low		_	-	_
Auto Tun		Ref Offset 13.9 dB Mkr1 1.880 3 GHz 10 dB/div Ref 30.00 dBm 28.07 dBm									
Center Free				1							30.0
1.515000000 GH	-					-	-	-			10.0
-											10:00
Start Free 30.000000 MH			-			-			-	-	20.0
	me		Sec. Los	1 in		-		1	-		40.0
Stop Free 3.00000000 GH				-				-	-		0,03
			_		-						60.D
CF Ster 297.000000 MH	0.000 GHz		Sweep 2.			1.0 MHz	#VBV			0 MHz W 1.0	
Auto Mar	ION WALLE	PARKET	C-TICNEMDTH	C107		28.07 di	3 GHz	*			THE ROLL
Freq Offse		-		-	am	26.07 di	3 GPIE	1,660	-	1.1.	2
OH	-		_	-					-		4 5
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		1	STATUS								40

#### 3GHz~10GHz\_Band2\_1\_4MHz\_QPSK\_1\_0\_MidCH18900 -1880

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Augment (gentingen Antrippet i Brenget Sa	sense un	ALIGH WITC	81-29/18 PM Apr 25, 2018	10.4
Center Freg 11.500000000 GHz	and a second second	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
IFGain:Low Ref Offset 13.9 dB 10 dB/div Ref 30.00 dBm	Auto Tun			
20.0 Ker 50.00 dam			-37.21 dBm	Center Fre
0.00				11.50000000 GH
w0 ∞0 ∞0 ♦ <sup>2</sup> ▲3			n Street	Start Fre 3.000000000 GH
40.0	we and a might a mar			Stop Fre 20.00000000 GP
	BW 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GF Auto Mi
1 N 1 1 18.810 GHz	-31.74 dBm	NETION FUNCTION WOTH	PUNCTION VALUE	
2 N 1 1 3.760 GHz 1 N 1 1 5.640 GHz 5	-34.63 dBm -37.21 dBm			Freq Offs
6 7 8 9				
9 10 11				1
ego i		STATU		

# 30MHz~3GHz\_Band2\_1\_4MHz\_QPSK\_1\_0\_HighCH1919 3-1909.3





10 4 4		-			-	134	Annyati	900mm			
Frequency	81:29:39 PM Apr 23, 2018 TRACE 1 2 3 4 5 6 TITE M WWWWWW	ALIGH WOTO Type: Log-Pwr		J JENNE II	Hz	000000 G	11.500	Freq	nter		
	LET PNNNN			#Atten: 30 dB	NO: Fast ++ Gain:Low	p IF					
Auto Tun	kr3 5.728 GHz -37.75 dBm	Ref Offset 13.9 dB Mkr3 5.728 GH37.75 dBr37.75 dBr37.75 dBr									
Center Fre									0		
11.50000000 GH							-				
StartFre	100000	_			_				0		
3.000000000 GH	0		-				A3	$\Diamond^2$			
Stop Fre	and the second second	annot the	- Barryber	-	-	الرسيمين	menter	Y.			
20.00000000 GH			-					-			
CF Ste 1.700000000 GH Auto Ma	Stop 20.000 GHz .33 ms (1001 pts)	Sweep 28	_	1.0 MHz	#VBW		Hz MHz	000 C W 1.0	L		
AUTO Mia	PUNCTION VALUE	FUNCTIONWERH	PUNCTIC	-31.56 dBm	6 GHz	10.04		NOSE (SI	N		
Freq Offse				-35.59 dBm -37.75 dBm	19 GHz 28 GHz	3.81		1	NN		
									-		
				-			1	-	-		
		STATUS							-		

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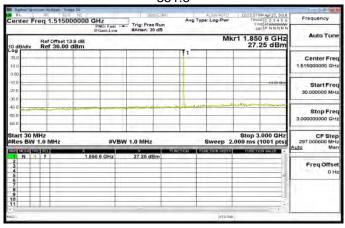
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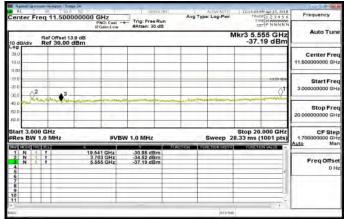
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## 30MHz~3GHz\_Band2\_3MHz\_QPSK\_1\_0\_LowCH18615-1 851.5



3GHz~10GHz\_Band2\_3MHz\_QPSK\_1\_0\_LowCH18615-1 851.5



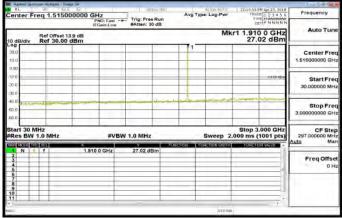
30MHz~3GHz\_Band2\_3MHz\_QPSK\_1\_0\_MidCH18900-1 880

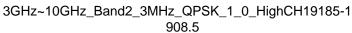
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	TPNNNNN	THE MUNICIPALITY NINNIN						enter Freq 1.515000000 GHz PNO: Fast ++ (FGain:Low				
Auto Tun	Ref Offiset 13.9 dB Mkr1 1,880 3 GHz 10 dB/div Ref 30.00 dBm 27.36 dBm											
			1	11			1				Log	
Center Fre								1			39,0	
1.515000000 GH										1.1	10.0	
						_		-			10.00	
Start Fre		-	-		-			-	-	1.6		
30.000000 MH							1				-20.0	
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Stop Fre				-		and the second s	The second second		A CONTRACTOR	and the state	40.0	
3.000000000 GH											-60.0	
		·	-			-	1000		1000	1		
CF Ste 297.000000 MH	3.000 GHz		Sweep 2			1.0 MHz	#VRM			30 MH		
Auto Ma			TOWNSROOM IN THE	1001007		1.0 mm.		×		THE REAL PROPERTY IN	-	
						27.36 d	3 GHz	1,880		N		
Freq Offse					-				-		2	
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1.0					_				-		8	
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			STATUS								45/5	
											_	

#### 3GHz~10GHz\_Band2\_3MHz\_QPSK\_1\_0\_MidCH18900-1 880

	00	0							
RI 50 Center Freq 11.500000000 GHz	SERSE INI	ALIGN NUTC Avg Type: Log-Pwr	12:14 38 PM Apr 23, 2018 TRACE [1 2 3 4 5 6 TITE AT ANN N	Frequency					
Mkr3 5.640 GHz									
10 dB/div Ref 30.00 dBm			-38.22 dBm						
20.0				Center Fre 11.50000000 GH					
0.00									
20.0				Start Fre 3.000000000 GH					
40.0 Min Print Print and and and	and a state of the second state of the	work all making	month and a feature	Stop Fre					
60.0				20.00000000 GH					
Start 3,000 GHz Res BW 1.0 MHz #VE	SW 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste					
NOT MODELTICS SICL	Y	TION FUNCTION MOTH		Auto Ma					
1 N 1 f 4.717 GHz 2 N 1 f 3.760 GHz 8 N 1 f 5.640 GHz 5	-30,81 dBm -35,89 dBm -38,22 dBm			Freq Offs					
3 6 7 8 9 9		_							
9 10 11									

# 30MHz~3GHz\_Band2\_3MHz\_QPSK\_1\_0\_HighCH19185-1 908.5





			.00	0						
10.4		-					- An ergent	THREE		
Frequency	12:15:07 PM Apr 23, 2018 TRADE 1 2 3 4 5 6	Type: Log-Pwr		GERISE II	GHz	00000000	eq 11.5	Fre	nter	
	THE MUNNIN N			#Atten: 30 dB	PNO: Fast + IFGain:Low				-	
Auto Tur	Ref Office 139 dB Mkr3 5.726 GHz 10 dB/div Ref 30.00 dBm -37.30 dBm -37.30 dBm									
Center Fre								-	8	
11.50000000 GH		-			_	_	-		0	
_							-	-	- 00	
StartFre	-10-00-00-0	-	-		-	-	-	-	0	
3.000000000 GH	$\Diamond$					<b>4</b> 3		<b>⊘</b> <sup>2</sup>	0	
	and and the second second and and and and and and and and and a	- ser and a more and a		and the second	main	Comparison in	ay many a	No.	0	
Stop Fre 20.00000000 GH		-	_		-		-	_	0	
		_	-						.0	
CF Ste 1.70000000 GH	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 28		V 1.0 MHz	#VB		GHz .0 MHz			
Auto Ma	PLANCTION VALUE	FUNCTION WOTH	PUNC	-30.42 dBm	0.371 GHz	*			N	
Freq Offs			-	-34,48 dBm -37,30 dBm	3 817 GHz	3	1	1	N	
0)				-57.50 UBIN	2.7 20 512		-	1		
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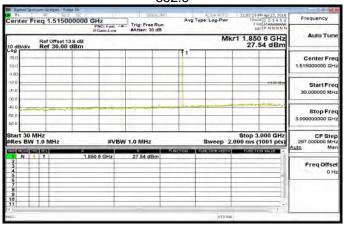
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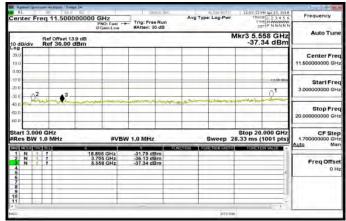
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## 30MHz~3GHz\_Band2\_5MHz\_QPSK\_1\_0\_LowCH18625-1 852.5



3GHz~10GHz\_Band2\_5MHz\_QPSK\_1\_0\_LowCH18625-1 852.5



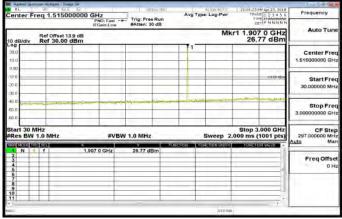
30MHz~3GHz\_Band2\_5MHz\_QPSK\_1\_0\_MidCH18900-1 880

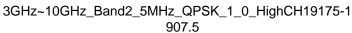
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Frequency	UN AU 23, 2018	TRAC	Log-Pwr	Ave Tve	156.001	50	17	0000 GH	1.51500	or From	RI
	ET PNNNNN	1		0.00	e Run 0 dB	Trig: Fre #Atten: 3	NO: Fast ++++	P	1.5 1500	Critice	- Contra
Auto Tur		Ref Offiset 13.9 dB Mkr1 1,880 3 GHz 10 dB/div Ref 30.00 dBm 27.36 dBm									
				11							Log
Center Fre 1.515000000 GH						-					39,0
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Stop Fre		-				and write being the			all the second second	Contraction (Pro-	50.0
3.00000000 GH			-								-66.0
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#### 3GHz~10GHz\_Band2\_5MHz\_QPSK\_1\_0\_MidCH18900-1 880

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	LET P NNNN				#Atten: 30	PNO: Fast + FGain:Low					
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11.500000000 GH			-	-		-	-			0	tit
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Stop Fre				-					-		-40.1
20.00000000 GH											-60.1
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Freq Offse				3m 3m	-36.43 dE	60 GHz 40 GHz	3.7		1	N	2
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30MHz~3GHz\_Band2\_5MHz\_QPSK\_1\_0\_HighCH19175-1 907.5





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Frequency	TRACE 1 2 3 4 5 6	Type: Log-Pwr	Av	Law a start	SHz	00000 G	11.5000	Freq		
1.	DET P NNNNN			#Atten: 30 dB	Gain:Low	15				
Auto Tun	lkr3 5.723 GHz -36.74 dBm									
					1					.og
Center Fre 11.50000000 GH		-								10.0
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	10 miles					_		_		10.00
Start Fre 3.00000000 GH									_	20.0
3.00000000 GP	$\Delta^1$						43	02		10.0
	- W Ly - ma	and a start of the	-	Williaman	-	an - and	- months	Yes		40.0
Stop Fre			_		-			_	0	50.0
20.00000000 GH					-			_	0	60.0
CF Ste	Stop 20.000 GHz				1000	-		000 G		
1.700000000 GH	8.33 ms (1001 pts)	Sweep 28		V 1.0 MHz	#VB		MHz	W 1.0	es B	Re
COLO INI	PLANETION VALUE	FUNCTION MOTH	PUNCTION	-32.16 dBm	99 GHz	×			N	1
Freq Offse				-35.12 dBm	15 GHz	3.81		111	NN	2
OH				-36.74 dBm	23 GHz	5.72	-	1 1	N	4
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							-		-	6 7 8 9
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	+	-						-	-	
		STATUS							-	\$G)

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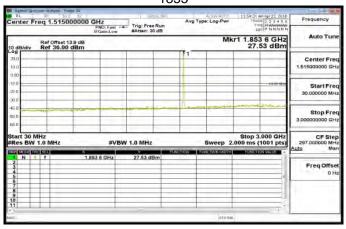
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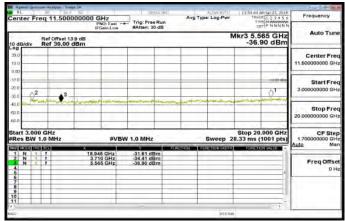
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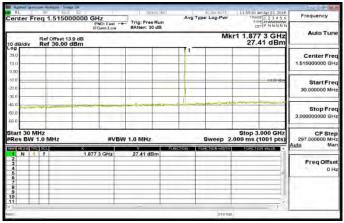
# 30MHz~3GHz\_Band2\_10MHz\_QPSK\_1\_0\_LowCH18650-1855



3GHz~10GHz\_Band2\_10MHz\_QPSK\_1\_0\_LowCH18650-1855



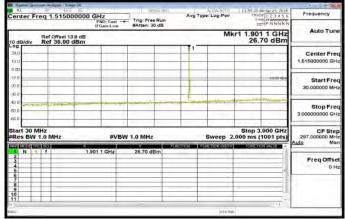
30MHz~3GHz\_Band2\_10MHz\_QPSK\_1\_0\_MidCH18900-1880

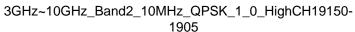


3GHz~10GHz\_Band2\_10MHz\_QPSK\_1\_0\_MidCH18900-

		)	100						
Frequency	11.55:15 AM Apr 23, 2018 TRACE 1 2 3 4 5 6	Autor Nato Avg Type: Log-Pwr	sense mi		0000 GHz	11.500000	1.1.1	R.L.	8. F
Auto Tur	1kr3 5.640 GHz -37.45 dBm	N	ten: 30 dB			f Offset 13.9 d		Bidin	10 0
Center Fre 11.50000000 GH				-				a	.0g
Start Fre 3.000000000 GH						3		0	10.00 10.00 20.0
Stop Fre 20.00000000 GP	and the second second			-	en anti-	miduna	New Y	0	40.0
CF Ste 1.70000000 GF Auto Mi	Stop 20.000 GHz 8.33 ms (1001 pts)			BW 1		MHz	000 G W 1.0	es Bl	Re
Freq Offs 01	PANCHIN VALUE	PUNCTION WOTH	,74 dBm 89 dBm .45 dBm		19.184 GHz 3.760 GHz 5.640 GHz			NNN	12345
									6 7 8 9 10
		STATUS							55

30MHz~3GHz\_Band2\_10MHz\_QPSK\_1\_0\_HighCH19150-1905





					00			
	An							
Center F	reg 11.	500000000 GHz		INL JEINSE	Aug Type: Log-F	1115 Pwr	TRACE 1 2 3 4 5 6	Frequency
		PNO: IFGair		ree Run : 30 dB			DET P NNNN	
10 dB/div	Auto Tun							
log		.00 dBm	1	-	1			
33,0							-	Center Fre
10.0	_					_	_	11.50000000 GH
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200	2	Simonator	In many and	and the second	11 Same	United and in	and we have	4
40.0	-Shin de	A HAR AND				/		Stop Fre
50.0	-	-	_	-		-	_	20.00000000 GH
-60.0	_	-	_	_		-		20.00000000 GP
Start 3.0			#VBW 1.0 M		Country	Stop	20.000 GHz	CF Ste
								Auto Ma
1 N	NOT SHEET	18.963 G	Hz -31,75		FUNCTION FUNCTION IN	IDTH: PL	NCTION VALUE	
2 N		3.810 0	Hz -35.79	dBm				P.1.1. P.91
3 N	1 1	5.716 G	Hz -36.70	dBm				Freq Offse
5						5 C -	4	DH
6						01.0		
6 7 8 9				_				
9			-			-		
11								
			-					
15/3					5	TATUS		

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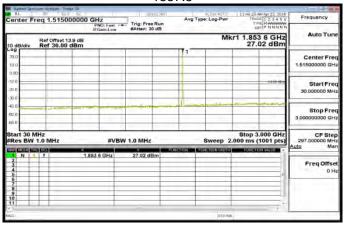
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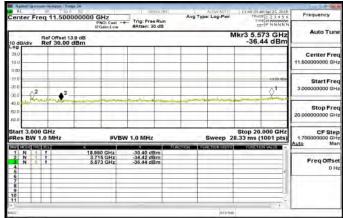
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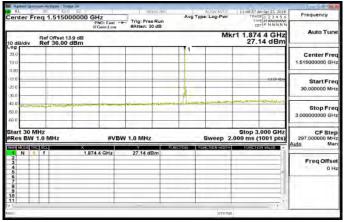
# 30MHz~3GHz\_Band2\_15MHz\_QPSK\_1\_0\_LowCH18675-1857.5



3GHz~10GHz\_Band2\_15MHz\_QPSK\_1\_0\_LowCH18675-1857.5



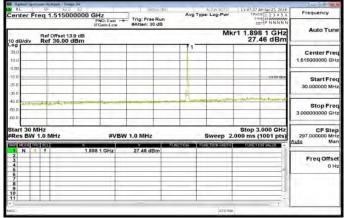
30MHz~3GHz\_Band2\_15MHz\_QPSK\_1\_0\_MidCH18900-1880

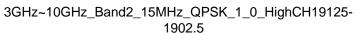


3GHz~10GHz\_Band2\_15MHz\_QPSK\_1\_0\_MidCH18900-1880

	10	80		
August Texture August Level 34 Ri. 20 Senter Freq 11.500000000 GH2	Trig: Free Run	ALIGN AUTO Avg Type: Log-Pwr	11.47.09 AM Apr 23, 2018 TRADE 1 2 3 4 5 6 T TRE ALWARDSON	Frequency
IFGair Ref Offset 13.9 dB 0 dB/div Ref 30.00 dBm	Low #Atten: 30 dB	N	1kr3 5.640 GHz -38.16 dBm	Auto Tun
				Center Fre 11.50000000 GH
0.00 00 00 Q <sup>2</sup> 3				Start Fre 3.000000000 GH
80 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-piterion-t	mont served and	Stop Fre 20.00000000 GH
tart 3.000 GHz Res BW 1.0 MHz	#VBW 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GH Auto Mi
N         f         19,218 G           1         N         f         19,218 G           2         N         f         3,760 G           3         N         f         5,640 G           5         5         5	Hz -31.82 dBm Hz -34.30 dBm		DSTRIENVAUSE -	Freq Offs 0)
6 7 8 9 9				
40).		STATUS		

30MHz~3GHz\_Band2\_15MHz\_QPSK\_1\_0\_HighCH19125-1902.5





10.4		T 4 - T - 4			-	154	AN AVAILABLE DOCUMENTS			
Frequency	11147138 AM Apr 23, 2018 TRACE 1 2 3 4 5 6	Log-Pwr	Avg	Trig: Free Run	Hz	00000 GI	11.5000	Freq		R Cen
	LET P NNNN			#Atten: 30 dB	O: Fast ++	PN			-	
Auto Tun	-37.29 dBm	м		-			f Offset 13		Bidiv	0 d
Center Fre										og 39.0
11.50000000 GH					-	-	-	_		ia a
	1000.000									10.00
Start Fre 3.000000000 GH		-				_			_	20.0
		win		An and a start	Contraction of the	12.2.10	♦3	02		10.0
Stop Fre						a la bar a ra		-		40.0
20.00000000 GH					-					60.0
CF Ste	Stop 20.000 GHz	Sweep 28	_	1.0 MHz				000 G W 1.0		
Auto Ma	PANELONVALUE	C TICK WOTH	PUNCTION	¥ I		×			MRINE	_
Freq Offse				-31.55 dBm -36.16 dBm	5 GHz	19.881		1	NNN	12
0)				-37.29 dBm	GHZ	5.708	-	1	N	4
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		STATUS								5(G)

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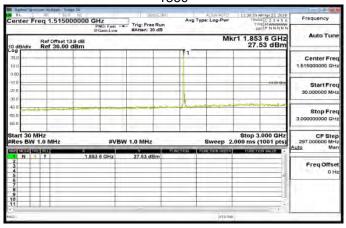
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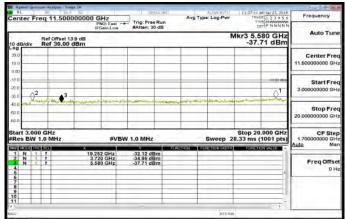
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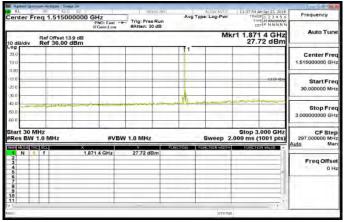
## 30MHz~3GHz\_Band2\_20MHz\_QPSK\_1\_0\_LowCH18700-1860



3GHz~10GHz\_Band2\_20MHz\_QPSK\_1\_0\_LowCH18700-1860



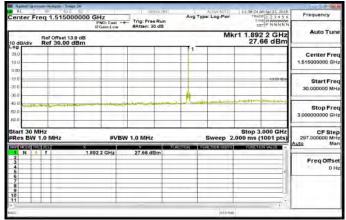
30MHz~3GHz\_Band2\_20MHz\_QPSK\_1\_0\_MidCH18900-1880

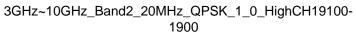


3GHz~10GHz\_Band2\_20MHz\_QPSK\_1\_0\_MidCH18900-

			00						
Frequency	11.38-08 AM Apr 25, 2018	ALIM NUTC	vi	sérise.)		50 - TK		I	R
	TRACE 1 2 3 4 5 6 THE NWWWW DET P NNNNN	g Type: Log-Pwr	•	Trig: Free Run #Atten: 30 dB	PNO: Fast + IFGain:Low	500000000	eq 11.5	ter Fi	en
Auto Tur	1kr3 5.640 GHz -38.49 dBm	N				set 13.9 dB 0.00 dBm		B/div	
Center Fre			_		-				og 39.0
11.50000000 GH							-	-	t0.0
StartFre		-	_		_	_	_		0.0
3.00000000 GH	01					.3		0	0.0
Stop Fre	west - year - the	and a show and a	ance	and the state of the		S and the	- mark	m M	0.0
20.00000000 GH								-	50(D 60,0
CF Ste 1.70000000 G	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		W 1.0 MHz	#VB	,	0 GHz		
Auto M	PUNCTION VALUE		PONIC	*		x		MILLER TO	_
Freq Offs				-30,86 dBm -36,17 dBm -38,49 dBm	3.354 GHz 3.760 GHz 5.640 GHz	3	1	N N N	1234
01	6								567
								-	6 7 8 9
								_	10
-		STATUS							93

30MHz~3GHz\_Band2\_20MHz\_QPSK\_1\_0\_HighCH19100-1900





10 4 4	and the second second					54	An experience of Terminal	THAT	
Frequency	11:38:37 AM Apr 23, 2018 TRACE 1 2 3 4 5 6	ALIGN NUTC vg Type: Log-Pwr		Trig: Free R		00000 G	11.5000	Freq	nter
Auto Tur	EET P NNNN N			#Atten: 30 d	NO: Fast ++++ Gain:Low	PI IF		_	_
Auto Tu	-38.81 dBm	M					f Offset 13.		dBJdi
Center Fre									
11.50000000 GH				-		-	-		0
-	-1010-0540								0
Start Fre 3.000000000 GH	1					_			0
	An and a second and	minimizer	-	and an amazine by a	-	Preserve	ment 3-	2	0
Stop Fre									0
20.00000000 GP		_	-			_			0
CF Ste 1.700000000 GH	Stop 20.000 GHz 3.33 ms (1001 pts)	Sweep 28		1.0 MHz	#VBW			.000 G	
Auto Mi	PLANCTION WALLS		PONC	N.		×			
Freq Offs				-30.95 dBm -35.80 dBm -38.81 dBm	4 GHz 00 GHz 00 GHz	3.80	-	1	NNN
0)		-			o site	8.1.4	-		
		-					-		
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		STATUS							

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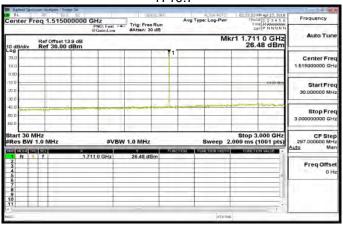
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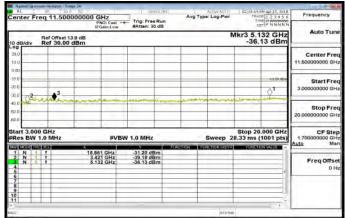
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# 30MHz~3GHz\_Band4\_1\_4MHz\_QPSK\_1\_0\_LowCH19957 -1710.7



# 3GHz~10GHz\_Band4\_1\_4MHz\_QPSK\_1\_0\_LowCH19957 -1710.7



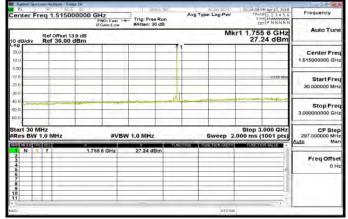
30MHz~3GHz\_Band4\_1\_4MHz\_QPSK\_1\_0\_MidCH20175 -1732.5

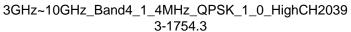
0.4	PM Apr 23, 2018		ALIGH WITC					1 34	HINDER   Sine	TBROWN A	B RL
Frequency	TE NNNNN	TRA	pe: Log-Pwr	Avg		Trig: Fre	Z	0000 GH	1.5150	Freq	
Auto Tun	4 8 GHz 74 dBm	r1 1.73	Mk	-	dB	#Atten: 3	ain:Low	9 dB	f Offset 13		
	74 dBm	20.	1	-			-	Bm	f 30.00	v Re	IO dB/
Center Fre 1.515000000 GH	-		-	-						_	30,0 + 10.0 -
Start Fre	100160		-			_					-10.00
30.000000 MH	-			-		-	-		-	_	30.0
Stop Fre 3.000000000 GH		-		-				The sole	10-00-00-0	and the second se	50,0
CF Stej 297.000000 MH Auto Ma			Sweep 2.			1,0 MHz	#VBW		MHz	0 MHz SW 1.0	
CHIN We	ION WALLIE	PARKT	UNCTION WOTH	61164		25.74 di	B GHz	1,734			1 N
Freq Offse 0 H				_							234
1.	=	_		_	-				-		6 7 8 9
						_					10
			STATUS								15/5

#### 3GHz~10GHz\_Band4\_1\_4MHz\_QPSK\_1\_0\_MidCH20175 -1732.5

	14	52.5		
Algement (genomen Antalyze) Smigle Sa Ri- 80 Suid BC	SETUS-IN		82:34:39 PM 4(i) 25, 2018	10.4
nter Freg 11.5000000	PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
dB/div Ref 30.00 dBm		N	kr3 5.198 GHz -37.55 dBm	Auto Tur
.0				Center Fre
0				11.50000000 GH
0				Start Fre
0			01	3.000000000 GH
o man and the manage			and the second s	Stop Fre
0				20.00000000 GH
art 3.000 GHz les BW 1.0 MHz	#VBW 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH
	19.133 GHz -31.00 dBm	PUNCTION - FUNCTION WETH	PLOCTION VALUE	Auto Ma
N I I	3.465 GHz -39.06 dBm 5.198 GHz -37.56 dBm			Freq Offs
			· · · · · ·	
i		STATUS		

# 30MHz~3GHz\_Band4\_1\_4MHz\_QPSK\_1\_0\_HighCH2039 3-1754.3





Against Stationer Analyzet   Sines	pt 54				10.4
enter Freq 11.5000	PNO: Fant ++	Trig: Free Run	Avg Type: Log-Pwr	62:05:18 PM Apr 23, 2018 TRACE 1 2 3 4 5 6 THE MUNICIPAL	Frequency
Ref Offset 13		#Atten: 30 dB	N	lkr3 5.263 GHz -37.94 dBm	Auto Tuni
0 dB/div Ref 30.00 d	OBM			-57.54 0.511	Center Free
10.0					11.50000000 GH
1.00				1000 100	-
00				01	Start Fre 3.000000000 GH
too 2 13	here and the second	Manniellanie		and the second	Stop Fre
0.0					20.00000000 GH
tart 3.000 GHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH
	3 19.235 GHz	-31.90 dBm	UNCTION FUNCTION (MDTH)	PLOUCTION VALUE	Auto Ma
2 N 1 1 N 1 1 4 5	3.509 GHz 5.263 GHz	-40.14 dBm -37.94 dBm			Freq Offse
6 7 8 9					
9					
() · · · ·			STATUS		

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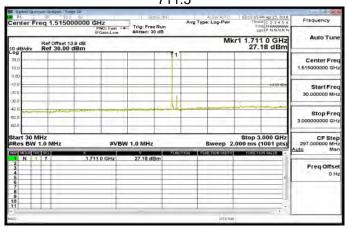
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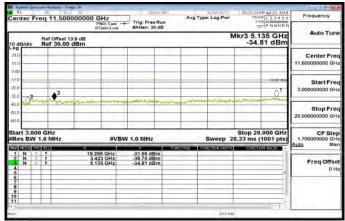
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## 30MHz~3GHz\_Band4\_3MHz\_QPSK\_1\_0\_LowCH19965-1 711.5



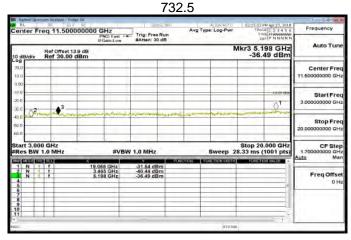
3GHz~10GHz\_Band4\_3MHz\_QPSK\_1\_0\_LowCH19965-1 711.5



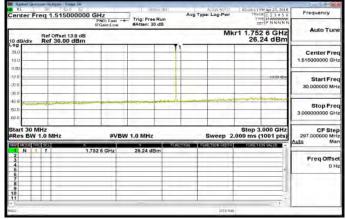
30MHz~3GHz\_Band4\_3MHz\_QPSK\_1\_0\_MidCH20175-1 732.5

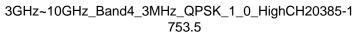
10.4 🖬	B WM 407 23, 2018	0515.40	ALLW WITE						4.54	ANALYZET I SIN	( illing and a	RL
Frequency	ACE 1 2 3 4 5 6	TRA	Log-Pwr	AvgT			Trig: Fre	z	0000 GH	1.5150	r Freq	
1.0	DET P NNNNN					30 dB	#Atten: 3	D: Fast ++++				
Hz Auto Tur	Ref Offset 139 dB Mkr1 1.731 8 GHz dB/div Ref 30.00 dBm 25.86 dBm											0 dB
Center Fre				-							1	.og
1.515000000 GH	-				-							10.0
					-	-						0.00
StartFre		_		_	-	+	_		-	-	_	10.0
30.000000 MH		-		-	-	+	_		-		-	20.0
		ang-		- Mine						1.0	-	40.0
Stop Fre				-	-		and the second			- Anter Const		50.0
3.00000000 GH												ED.D -
CF Ste 297.000000 MH	3.000 GHz				_				-		O MHz	
Auto Ma	(1001 pts)		sweep z.	1000	DI GIO	2	1.0 MHz	#VBW	×			
-						1Bm	25.86 d	GHz	1,731		111	
Freq Offse				-		-		-		-	++-	2 3 4
0 H						-		-				5
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					_		_			1	11	11
			STATUS									5(G)

3GHz~10GHz\_Band4\_3MHz\_QPSK\_1\_0\_MidCH20175-1



30MHz~3GHz\_Band4\_3MHz\_QPSK\_1\_0\_HighCH20385-1 753.5





	-Annyan I Tree	u 3a				10 4 6
Center Fre	q 11.5000	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	02:16:23 PM 4pr 23, 2018 TRADE 1 2 3 4 5 6 TITE M NNNN	Frequency
		IFGain:Low	#Atten: 30 dB			Auto Tur
0 dB/div	Ref Offset 13 Ref 30.00				4kr3 5.261 GHz -37.95 dBm	
.og 30.0						Center Fre
10.0	-					11.50000000 GH
0.00	-	-				
10.0					100000	Start Fre
00 02	13	1.			Q1	3.000000000 GI
10.0 000	half the shares	and the second sec	in the second second second	- maintain - m	and the state of the	Stop Fre
50,0	-					20.00000000 G
tart 3.000 Res BW 1		#VB	W 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 Gi
	1952	8	Y	PONCTION FUNCTION WOTH	PUNCTION VALUE	Auto M
	1	18.470 GHz 3.507 GHz 5.261 GHz	-31.77 dBm -39.77 dBm -37.95 dBm			Freq Offs
4 5						0)
6 7						
8 9 10						
11						
\$G)				STATU		-

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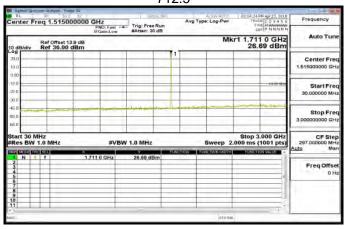
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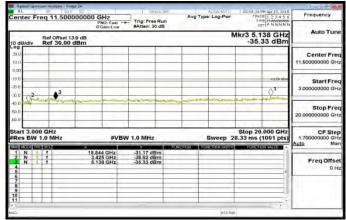
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## 30MHz~3GHz\_Band4\_5MHz\_QPSK\_1\_0\_LowCH19975-1 712.5



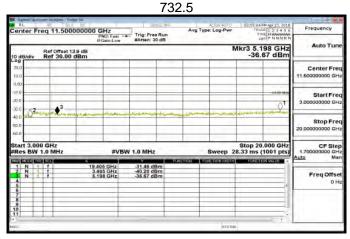
3GHz~10GHz\_Band4\_5MHz\_QPSK\_1\_0\_LowCH19975-1 712.5



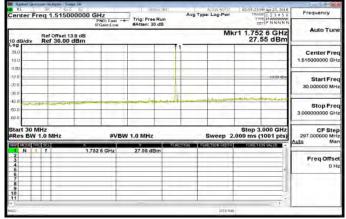
30MHz~3GHz\_Band4\_5MHz\_QPSK\_1\_0\_MidCH20175-1 732.5

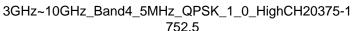
Frequency	1780 123,2018 TRACE 123456 TRE HWWWWW EET PNNNNN		ACINI MITC	Avg		Trig: Free #Atten: 3	HZ NO: Fast	00000 G	1.5150	er Fre	Cen
Auto Tun	Ref Offset 13.9 dB Mkr1 1.731 8 GHz 0 dBuldv Ref 30.00 dBm 25.90 dBm										
Center Fre 1.515000000 GH		-	_	1		_					39,0 10.0
Start Fre 30.000000 MH		-				_					0.00 -10.0 -20.0
Stop Fre 3.000000000 GH	and and	-		-	أسبي						-30.0 -40.0 -50.0 -60.0
CF Ste 297.000000 MH Auto Ma	op 3.000 GHz ms (1001 pts)	2.000	Sweep 2			1.0 MHz	#VBW	*	MHz	30 MH BW 1.	Star #Re
Freq Offse 0 F				13130		25.90 df	8 GHz			N 1	12345
											6 7 8 9 10
	- F.	115	STATU						1		,

3GHz~10GHz\_Band4\_5MHz\_QPSK\_1\_0\_MidCH20175-1



30MHz~3GHz\_Band4\_5MHz\_QPSK\_1\_0\_HighCH20375-1 752.5





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10 4 6					-	yeer i Tooman Sa	and the second second				
Frequency	62:05:35 PM Apr 23, 2018 TRADE 1 2 3 4 5 6 TIME MUNICIPAL	e: Log-Pwr	Ava	Trig: Free Run	O GHz	.50000000	req 11				
	EFT P NNNN N		-	#Atten: 30 dB	FGain:Low			-	-		
Auto Tur	Ref Offset 13.9 dB Mkr3 5.258 GHz 10 dB/div Ref 30.00 dBm -37.73 dBm										
								1	.og		
Center Fre 11.50000000 GH								1.1	10.0		
11.500000000									0.00		
	10 miles								10.00		
StartFre									20.0		
3.000000000 GH	$\Diamond_1$					.3			30.0		
	here you have an	a reaction of	-watter	memoriphe	- marine	- Marganethe	Aster to	St	40.0		
Stop Fre								16	50.0		
20.00000000 GH								11-	60.0		
CF Ste	Stop 20.000 GHz		1		-		0 GHz				
1.70000000 GH Auto Mi	8.33 ms (1001 pts)			1.0 MHz	#VB	Hz	1.0 MH		_		
11012	PLINETION VALUE	NCTION WEDTH	PRINCTION:	-31.66 dBm	9.354 GHz	×		N	1		
Freq Offse			-	-39.34 dBm	3.505 GHz			N	2		
OF				-37.73 dBm	5.258 GHz		1	N	4		
							++	-	5		
								-	6 7 8 9		
									9		
									10		
		-					-	-	1.56		
		STATUS						_	620		

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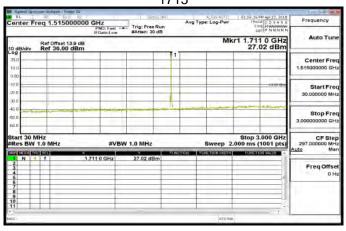
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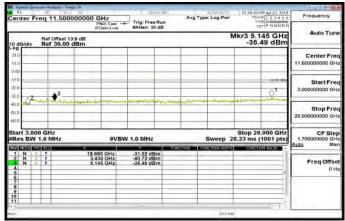
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f (886-2) 2298-0488

## 30MHz~3GHz\_Band4\_10MHz\_QPSK\_1\_0\_LowCH20000-1715



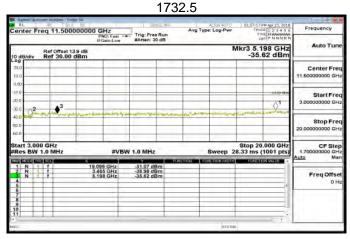
3GHz~10GHz\_Band4\_10MHz\_QPSK\_1\_0\_LowCH20000-1715



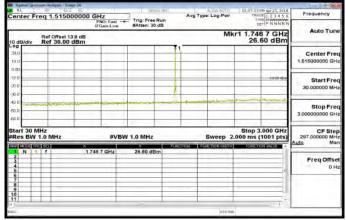
30MHz~3GHz\_Band4\_10MHz\_QPSK\_1\_0\_MidCH20175-1732.5

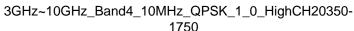
Frequency	ACE 1 2 3 4 5 6	TRA	Action water pe: Log-Pwr	Avg		Trig: Free	NO: Fast ++++	00000 G	1.5150	er Fred	Cent
Auto Tur	28 8 GHZ		Mk	_	dB	#Atten: 30	Gain:Low				_
	.96 dBm	25.	MIL	-	-			dBm	ef Offset 1 lef 30.00	div R	10 de
Center Fre	_							-	-	1	20.0
1.515000000 GH	-		_	-	-	_		-			10.0
			-	-	-		-	-	-	-	0.00
Start Fre			-	-		_	-	-	-		-10.0
30.000000 MH							1.1	-			30.0
-	- The Party Party	and the	aper	-				-	-	-	40.0
Stop Fre 3.00000000 GH	-		-	-	_	-				-	60,0
			-	-	_	_		-	-	-	-66.0
CF Ste	3.000 GHz		Se	-						30 MH	
297.000000 MH Auto Ma	(1001 pts)		Sweep 2.	-		1.0 MHz	#VBW	×		BW 1.0	
-	TUN DELLE	P. SWEIT	dia mono women	LET DW		25.96 dE	8 GHz			N	1
Freq Offs				_	-		_		-		2 3 4
0)		-			-		-		-		5
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						_			1	11	11
			STATUS								150

3GHz~10GHz\_Band4\_10MHz\_QPSK\_1\_0\_MidCH20175-



30MHz~3GHz\_Band4\_10MHz\_QPSK\_1\_0\_HighCH20350-1750





			100						_	
10 4 1	81.57-45 PM 4pr 25, 2018	AUDIONIC				er Sa	ANALYZET I SI			- 01 0 R
Frequency	TRACE 1 2 3 4 5 6	Type: Log-Pwr		Sec. Sec. Sec.	NO East +1	000000	11.500	Free	ter	Cer
Auto Tun	Akr3 5.250 GHz -35.79 dBm	N		#Atten: 30 dB	Gain:Low	3.9 dB	f Offset 1		B/div	10 d
Center Fre			-		-	-		-		.og 39,0
- 11.50000000 GF		_		-		_	-			10.00
Start Fre 3.000000000 GH	000.co						▲3	2	-	-1010
Stop Fre 20.00000000 GH		- Marconso	- in	A gragere (17) Josh pill (18)	ari matalani	16 A A A A A A A A A A A A A A A A A A A	in trave	014	-62	40 0 50 0
1.70000000 Gi	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		/ 1,0 MHz	#VB		Hz MHz	000 d W 1.0		Star
Auto Mi	PLOICTION VALUE	FUNCTION WOTH	PUNCTIO	-31.58 dBm	99 GHz				N	1
Freq Offs				-40.62 dBm -35.79 dBm	00 GHz 50 GHz	3.54		1	N	2345
							-		_	6 7 8 9
							1		_	10 11 ,
		STATUS							_	5(G)

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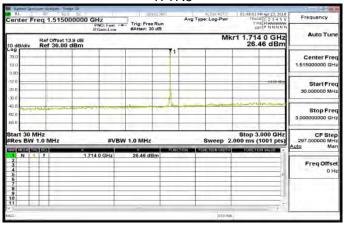
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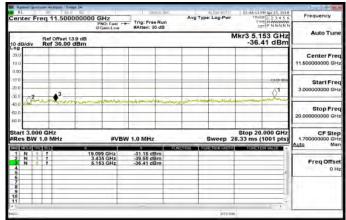
f (886-2) 2298-0488



# 30MHz~3GHz\_Band4\_15MHz\_QPSK\_1\_0\_LowCH20025-1717.5



3GHz~10GHz\_Band4\_15MHz\_QPSK\_1\_0\_LowCH20025-1717.5



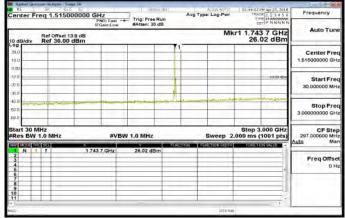
30MHz~3GHz\_Band4\_15MHz\_QPSK\_1\_0\_MidCH20175-1732.5

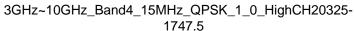
Center Fi	reg 1.5150	000000 GHz	ant +P-	Trig: Pree		A	vg Type: Log-Pwr	TRA	PM 40723, 2018	Frequency
	Ref Offset 1	IFGain: 13.9 dB	LOW	#Atten: 30 dB Det NNN R M Mkr1 1.728 8 GHz 26.21 dBm						Auto Tuni
10 dB/div	Ref 30.00	dBm			-	-	-	26	21 dBm	
30.0			-	-		+				Center Free
10.0	-		-			-			-	1.515000000 GH
10.00									animites	5.05.
20.0			-			-	-			Start Free 30,000000 MH
30.0	-		-		- 1	-				
40.0					ninered .	-			- energy	Stop Fre
60,0 60,0										3.000000000 GH
Start 30 M		1 1	#VBW	1.0 MHz	-		Sweep		0.000 GHz	CF Ste 297.000000 MH
		×		Y			FUNCTION MOT		ION VALUE	Auto Ma
2 3		1.728 8 G	12	26.21 dB	m	_		-		Freq Offse
4 5			-		-		-	1	_	OH
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8			-		-	_			_	
10			1							
					_			-	- + ·	

3GHz~10GHz\_Band4\_15MHz\_QPSK\_1\_0\_MidCH20175-1732.5

			1 52						
Frequency	81:48-45 PM 40:23, 2018 TRADE 1 2 3 4 5 6	Action water		J série	GHz		Anayzer 15		RI
Auto Tun	TRACE THE AMANANA DET P NNNNN		3	#Atten: 30 d	PNO: Fast + FGain:Low	1			
Auto Tu	-36.15 dBm	м		_			ef Offset 1 ef 30.00		IO dE
Center Fre		_			-	-		-	.0g
11.50000000 GH							1		10.0
Start Fre		-			-	-			10.0
3.000000000 GH	Q1		_				A3_		20.0
Stop Fre	- In- main a station	men and a start	1hat ai	worker financial	menetre and	and and the second second	Horas dyna	Jens	40.0
20.00000000 GH									60.0
CF Ste	Stop 20.000 GHz				-	-		3.000	
1.70000000 GH Auto Mi	8.33 ms (1001 pts)	Sweep 28	PINIC	V 1.0 MHz	#VB	×		BW 1.	-
FreqOffs				-30.98 dBm -40.23 dBm -36.15 dBm	14 GHz 65 GHz 98 GHz	3.4	1		2
0)				-36,15 08/1	98 GHZ	9.13	-		4 5
					-		-		6 7 8 9
									10
			-	-			1		11
		STATUS						-	\$Q

30MHz~3GHz\_Band4\_15MHz\_QPSK\_1\_0\_HighCH20325-1747.5





1046							An anyone of Texa		1000	0	
Frequency	81:49:15 PM 4gr 23, 2018 TRADE 1 2 3 4 5 6	ALIGN NUTC		oénse n	CH-		1 50-		11,-	R R	
1	LET PNNNN			#Atten: 30 dB	PNO: Fast + IFGain:Low		11.500	FIEL	nei	, CI	
Auto Tur	Ref Offset 13.9 dB Mkr3 5.243 GHz 10 dB/div Ref 30.00 dBm -38.32 dBm										
						T				.og	
Center Fre 11.50000000 GH									1	10.0	
11.000000000										0.00	
	400000									100	
Start Fre 3.000000000 GH						-			-	20.0	
3.00000000 00	01			1.1.1	1	-	.3-	2		30.0	
	dame producted	and a state		equility here a	- pring-	mary sol	Total and	When	his	40.0	
Stop Fre			-		-			_		50.0	
20.00000000 GH		_	-		-	-			1	6.D. D	
CF Ste	Stop 20.000 GHz		-		1	-		000 0			
1.700000000 GR	8.33 ms (1001 pts)	Sweep 2		W 1.0 MHz	#VB			W 1.0	-	-	
	FUNCTION VALUE	FUNCTION WIDTH:	PUNCTIC	-31.55 dBm	793 GHz	X 19.7			N	1	
Freq Offs			_	-40.03 dBm -38.32 dBm	495 GHz 243 GHz	3.4	-	1	NN	2	
0)				-38.32 dBm	243 GHZ	9.4	-	-	N	4	
	· · · · · · · · · · · · · · · · · · ·						-		-	5	
1							-		-	6 7 8 9	
					-				_	9	
							1		_	11	
	1	STATUS				_		-	-	* (55)	
	1	PINIS							-	niles :	

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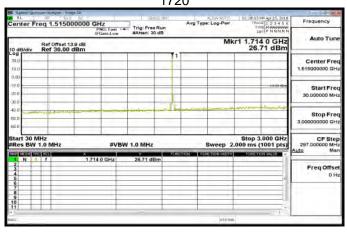
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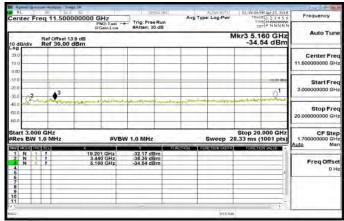
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台灣檢驗科技股份有限公司

## 30MHz~3GHz\_Band4\_20MHz\_QPSK\_1\_0\_LowCH20050-1720



3GHz~10GHz\_Band4\_20MHz\_QPSK\_1\_0\_LowCH20050-1720



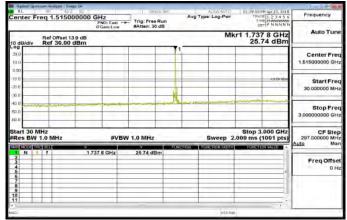
30MHz~3GHz\_Band4\_20MHz\_QPSK\_1\_0\_MidCH20175-1732.5

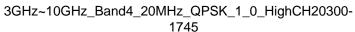
18 Frequency	2 PM Apr 23, 2018	81:39:22 TRA	Log-Pwr	Ave Tu	0.0	38115k		00000 G	Anaryzen 150	-	RI.
WN N	LET P NNNN N					Trig: Free Ri #Atten: 30 d	NO: Fast ++++		1.5150	FIE	- ern
Z Auto Tr	25 9 GHz .77 dBm	r1 1.72 26.	Mk					3.9 dB dBm	ef Offset	div F	10 dB
Center F				_	1			-			-og 30,0 10,0
											0.00
Start F 30.000000 f											20.0
Stop F		-			and have				0-0-0-0		40.0
3.000000000		-	_	_	_	-					60.0
	3.000 GHz (1001 pts)	.000 ms		_	_	,0 MHz	#VBW	- -	MHz	30 MH BW 1.	#Res
1	KON WALLE	PLANCT	CTICK WOTH	11011-1-1	PUNC	26.77 dBm	9 GHz	1,725	ſ		
FreqOff											2345
1	-	_		-					-	++	6 7 8 9
2					_	_					10
		1	STATUS								655

3GHz~10GHz\_Band4\_20MHz\_QPSK\_1\_0\_MidCH20175-1732 5

Agener (persone Anapper 1)		i sense uni			10 4 2
enter Freq 11.50	Freq 11.500000000 GHz		Aug Type: Log-Pwr	81.39.33 PM 40723, 2018 TRADE 1 2 3 4 5 6 THE AVAILANCE 1 2 3 4 5 6	Frequency
Ref Offset		#Atten: 30 dB	N	lkr3 5.198 GHz -36.66 dBm	Auto Tun
<b>0</b> g 70,0 10.0					Center Fre 11.50000000 GH
00					Start Fre 3.000000000 GH
	Regulation of the Constitution of the			or a marked	Stop Fre 20.00000000 Gi
tart 3.000 GHz Res BW 1.0 MHz		W 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GH
	19.116 GHz 3.466 GHz 5.198 GHz	-31,33 dBm -37,34 dBm -36,66 dBm	UNETON DEMENSION	PLANETION VALUE	Freq Offs 01
6 7 8 9 0 1					
01 I I I			STATUS		

30MHz~3GHz\_Band4\_20MHz\_QPSK\_1\_0\_HighCH20300-1745





104				0				au 34	An anyone of The		diam'r.	- 01
Frequency	N 40723, 2018	TRACE	Log-Pwr	Avg Typ	NL 36	Sec. and	GHz	000000	150	1	11.	R R
	PNNNNN	1.05	100	116115		#Atten: 30	PNO: Fast + FGain:Low					-
Auto Tun	Ref Offset 13.9 dB Mkr3 5.235 GHz 10 dB/div Ref 30.00 dBm -36.14 dBm											
Center Fre												.og
11.50000000 GH					-							10.0
	-					-	-		1	_		0.00
	animates				_		1	-		_		100
Start Fre 3.000000000 GH								-			-	20.0
5.000000000	> <b>·</b>				_				▲3	2	-	30.0
1	and the second	- Minutesian		man		-	وساستهاجا	44000	and the second	-m	1	40.0
Stop Fre	-		-					-	_	_		50.0
20.00000000 GH							-	-			1	60.0
CF Ste	000 GHz	Stop 20.	-	_	_		1	-		000 0		
1.70000000 G	1001 pts)	8.33 ms (1	Sweep 2		_	1,0 MHz	#VB		MHz	N 1.0	IS B	#Re
Citiz in	N VALUE -	PUNCTIO	CTION WOTH	TION: NO		-31.35 dB	300 GHz	× 10.2	3		N	1
Freq Offs					m	-39.67 dB	190 GHz	3.4		1	N	2
0 Prequis				-	m	-36.14 dB	236 GHz	5.2	-	1	N	4
			-		-		-		-		-	5
	_			-					-		-	6 7 8 9
		-			-				-		_	9
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	- + ·					-				-	-	1.56
-		-	STATUS								-	45/3

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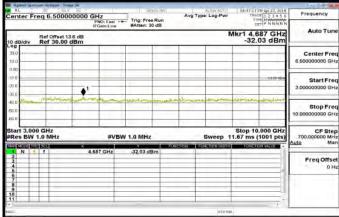
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# 30MHz~3GHz\_Band5\_1\_4MHz\_QPSK\_1\_0\_LowCH20407

again (prover annys)	Trongs Sa				10 4 43
Center Freq 1.51	PNO: Fast	Trig: Free Run	Aug Type: Log-Pwr	04.46.48 PM 4pr 23, 2018 TRACE 1 2 3 4 5 6 THE MUNICIPAL	Frequency
	iFGain:Low et 13.6 dB 00 dBm	#Atten: 30 dB	M	r3 2.544 9 GHz -37.41 dBm	Auto Tun
20.0 10.0	21				Center Fre 1.515000000 GH
0.00 10.0 20.0				1000 ages	Start Fre 30.000000 Mi
40 0 50 0 60 0			2	and a second second	Stop Fr 3.00000000 G
Start 30 MHz #Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 2	Stop 3.000 GHz .000 ms (1001 pts)	CF Ste 297.000000 M Auto M
1 N 1 7 2 N 1 7 3 N 1 7 4 5	826,0 MHz 1,696 5 GHz 2,544 9 GHz	25.95 dBm -41.31 dBm -37.41 dBm	Unice for the indication of th	PLANETION VALUE	Freq Offs 01
6 7 8 9 9 10 11 11		_	STATU	;	

# 3GHz~10GHz\_Band5\_1\_4MHz\_QPSK\_1\_0\_LowCH20407



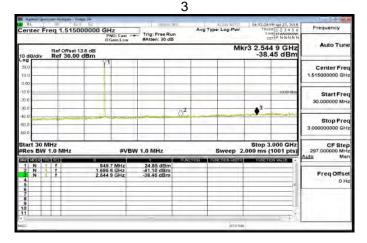
# 30MHz~3GHz\_Band5\_1\_4MHz\_QPSK\_1\_0\_MidCH20525

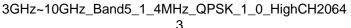
RL RL		SERVICE INC.	ALIGH WITC	84.48-07 MM 4pr 25, 2018	10.4.43
Center Freq 1.515000000	PNO: Fast ++++	Level and the second	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
Ref Offset 13.5 dB 10 dB/div Ref 30.00 dBm	iFGain:Low	#Atten: 30 dB	Mk	r3 2.544 9 GHz -38.00 dBm	Auto Tune
20.0	¥1				Center Free 1.515000000 GH
0.00 -10:0 -20:0				4000-600	Start Free 30.000000 MH
400 400 60,0 60,0	J	·····		and a short well and a start	Stop Fre 3.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW	1.0 MHz		Stop 3.000 GHz .000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
3 N 1 1 2	837 8 MHz 696 6 GHz 544 9 GHz	25.93 dBm -40.57 dBm -38.00 dBm	NETRON PLACETOR AND TH	PLATE I SN VALLE	Freq Offse 0 H
5 6 7 8 9 10 11					
NE(G)			STATU		

## 3GHz~10GHz\_Band5\_1\_4MHz\_QPSK\_1\_0\_MidCH20525

Bl.	······································	Sings 34	Sinse III	AUMANISC	84:48:21 PM 4pr 25, 2018	10.4.8
	req 6.500	000000 GHz	and the second second	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
		iFGain:Low	#Atten: 30 dB			Auto Tur
10 dB/div	Ref Offset Ref 30.0	13.6 dB 0 dBm			Mkr1 3.791 GHz -32.79 dBm	
20,0	_		_			Center Fre
10.0	-					6.50000000 G
10.00						
20.0	1					Start Fre 3.000000000 G
30.0						3.0000000000
40.0	and the second	well and the section	all and a state of the second	and a second second second	and the second second	Stop Fr
0,03						10.00000000 G
1.0	-					
Start 3,00 Res BW		#V	BW 1.0 MHz	Sweep	Stop 10.000 GHz 11.67 ms (1001 pts)	CF St 700.000000 M
NOTE TO		x		PONCTION FUNCTION WOT	H PLANCTION VALUE	Auto M
1 N 1	1	3,791 GHz	-32.79 dBm			Freq Offs
4						0
6						
5 6 7 8 9 10						1.0
10						
				TATE		

30MHz~3GHz\_Band5\_1\_4MHz\_QPSK\_1\_0\_HighCH2064





Agreen Tan	Course An Experie					-	a second	-	0.4.6
RL Center F		0000000 GHz	and the second s	ISE IVI		Log-Pwr	04 52-421 TRAC	# 40123, 2018 # 1 2 3 4 5 6 # 01 00 00 00 # 01 00 00 00 # 01 00 00 00 # 01 00 00 # 01 00 00 # 01 00 00 # 01 23, 2018	Frequency
		PNO: I IFGain		0 dB			28	PNNNNN	1.
10 dB/div	AutoTu								
20.0									Center Fre
10.0						-			6.50000000 GH
0.00									
10.0		-							-
20.0					_	-			Start Fre 3.000000000 GH
10.00	•1			_				-	5.000000000
40.0	- Colorado	and the second		the state	a share	- history	- the -	and the second	
50.0	-	-		_			-	-	Stop Fre 10.00000000 GH
-EG.D	-	-		-	_	_			10.000000000
Start 3,00	00 GHz	- t-	#VBW 1.0 MHz	-	-			.000 GHz	CF Ste 700.000000 MH
							1.67 ms (		Auto Ma
N N		3,630 G	Hz -32.96 df	3m	TION: FUN	стоя моте	PUNCTR	IN VALUE	
2 3									Freq Offs
4				-		-		_	0)
6				_	-				
5 6 7 8 9				_	_		_		
10						_			
11	1.1.		-				1		
150						STATUS			

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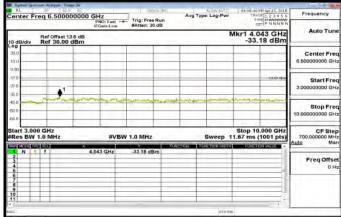
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# 30MHz~3GHz\_Band5\_3MHz\_QPSK\_1\_0\_LowCH20415

10.4 .	14 407 23, 2018	1 8494 971	ALD/H WITC			L SERVICE		54	and the state of the			ay R
Frequency	123456	TRAC	e: Log-Pwr	Avg		Trig: Free Ru	Z	0000 GH		Freq		
Auto Tun		-				#Atten: 30 dB	ain:Low	iFC	_	_	_	_
		Ref Offset 13.5 dB Mkr3 2,542 5 GHz 0 dB/div Ref 30.00 dBm -38.84 dBm										
Center Fre							-	21				.og
1.515000000 GH			-			-						10.0
								_		_	-	0.00
StartFre		-	-	-			-	_		_	-	10.0
30.000000 M	-		-	-	-			-	_	-	-	20.0
H		-3-	-		02					-		30.0
Stop Fre				and a set	Len Mad		it	the state	AP- More			40.0
3.00000000 G											11-	0.03
		-		-	_		10.00			-		1.1
CF Ste 297.000000 M		Stop 3 .000 ms (	Sweep 2.			1.0 MHz	#VB		Hz	MHz V 1.0 I		
Auto M	NVALUE -	PLOTEIN	N. TION WOTH	1007	PUN	Y		×	_	THE SET		
Freq Offs	_		-	-	-	25 99 dBm -40.15 dBm	GHz	1.6951	_	11	NN	1
Freq Ons	_				_	-38.84 dBm	SGHZ	2,542		1 1	N	4
-				-			-					5
		-		-	-						-	56789
					-							10
					-		1	_		-	_	11
	_		STATUS							_		40

# 3GHz~10GHz\_Band5\_3MHz\_QPSK\_1\_0\_LowCH20415



# 30MHz~3GHz\_Band5\_3MHz\_QPSK\_1\_0\_MidCH20525

against Spectrum Analyses   Tomas S				The second second			10.4.63
Center Freq 1.5150000	PNO: East +1	Trig: Free Run	Avg Typ	e: Log-Pwr	TRAD	# 40/23, 2018 = 1 2 3 4 5 6 = 01 WWWWWWW	Frequency
Ref Offset 13.6		#Atten: 30 dB		Mk	3 2.542	2 5 GHz 73 dBm	Auto Tuni
20.0	21				_		Center Fre 1.515000000 GH
0.00					.3		Start Fre 30.000000 MP
20.0 40.0 50.0 60.0			02	au-	- And	********	Stop Fre 3.00000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBV	V 1,0 MHz		Sweep 2.	000 ms (		CF Ste 297.000000 MH Auto Mi
	837.8 MHz 1.695 0 GHz 2.542 5 GHz	26 21 dBm -41.34 dBm -37.73 dBm	PUNCTON PU	KETICK WIRTH	PLACTO	IN VALUE -	Freq Offs
5 6 7 8 9 9 10 11							
ego i				STATUS			

# 3GHz~10GHz\_Band5\_3MHz\_QPSK\_1\_0\_MidCH20525

BL.	Course An Inspire 1	A TC	-	oënse.		ALIGH WITC	B4:67:14 P	M 407 23, 2018	10.4
Center F	req 6.500	0000000 GHz	Fant +P	Trig: Free Ru	Avg	Type: Log-Pwr	TRAD	123456	Frequency
		iFGai	n:Low	#Atten: 30 dB			18	PNNNNN	
10 dB/div	Ref Offsel Ref 30.0	t 13.6 dB 10 dBm			~		Mkr1 8.8 -33.2	10 GHz 22 dBm	Auto Tun
30.0						_			Center Fre
10.0	_	-	_	-		_		-	6.50000000 GH
0.00			_			_	-	-	
10.0	_	-	_	_		_	-		StartFre
20.0	_		-				-1		3.000000000 G
30.0	mouth	interesting	also inte	Constant in	- Interinter Con	in the sum of the second	1 Acres	more	
40.0	-		Se sur	Carlos and Carlos and Carlos				COLUMN COM	Stop Fre
0,03									10.00000000 G
	-			1000 million (1990)					
Start 3.00 Res BW	1.0 MHz		#VBW	1.0 MHz		Sweep 1	Stop 10. 1.67 ms (*	000 GHz 1001 pts)	CF Ste 700.000000 Mi Auto M
		8.810 (	GHz	-33.22 dBm	PUNCTION	I UNCTION WOTH	PUNCTIC	WWALLTE -	Auto M
23							-		Freq Offs
4 5	-		-					_	0
6			-			-	10		
8			_					_	10.000
10			-						
	1.1		1			-	-	- F	
\$G)						STATU	8		

# 30MHz~3GHz\_Band5\_3MHz\_QPSK\_1\_0\_HighCH20635

10 4 63					-			1 54	Provide Land	μ	RL
Frequency	1 2 3 4 5 6	TRAD	pe: Log-Pwr	Av	ee Run	Trig: Pr	Z D: Fant ++	0000 GH	.51500	Freq 1	
Auto Tune	2 5 GHz 30 dBm	r3 2.54	Mk	_	30 dB	#Atten:	ain:Low	iFC 6 dB	Offset 13		dB/div
Center Free 1.515000000 GH								¥1	30.00	Kei	
Start Free 30.000000 MH				-						_	0
Stop Free 3.000000000 GH	a transferration	A.		2	-			ale constant		and a	0
CF Ste 297.000000 MH		Stop 3 000 ms (	Sweep 2.	1	z	1.0 MH	#VBW		AHz	MHz N 1.0 N	
Auto Mar Freq Offse 0 H	ON VALUE	D.SWETT	NUMERICINA AND CO.	PUNCTION	Bm	26.03 ( -41.61 ( -38.30 (	MHz GHz GHz	846,1 1,6951 2,5421			N N N
	+		STATUS			-				-	

# 3GHz~10GHz\_Band5\_3MHz\_QPSK\_1\_0\_HighCH20635

B.L.	An Pyter 15			SERVE IN	_	ALIGH WITC		HA 407 23, 2018	10 4 63
	eq 6.500	000000 GHz	Fast +P	Law and the	Avg	Type: Log-Pwr			Frequency
		IFGai	n:Low	#Atten: 30 dB	_			No month	Auto Tune
0 dB/div	Ref Offset Ref 30.00	13.6 dB 0 dBm					-31.	62 GHz 66 dBm	
30,0	-		-		-				Center Free
0.00									6.50000000 GH
10.0	_	-	_		_	_			Start Fre
20.0		•1					_		3.000000000 GH
10 0 0 0	aromed and	10 minutestan	and a start	- province of		and for the second and a second a		- Aller	Stop Fre
50/0 60/0									10.00000000 GH
tart 3,000 Res BW		E F	#VBW	1.0 MHz		Sweep 1		.000 GHz	CF Ste 700.000000 MH
IN MALINE LINE		×		Y.	RONGTION -	FUNCTION MOTIO		ON VALUE	Auto Ma
1 N 1	1	4,862 (	SHX	-31,66 dBm	_				Freq Offse
4 5			-						DH
2 3 4 5 6 7 8 9			-						
9									
11	1.1			-			-	- F.	
10						STATUS			

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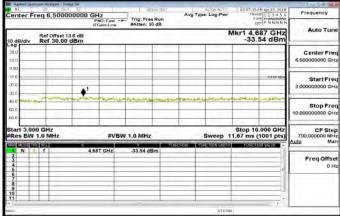
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# 30MHz~3GHz\_Band5\_5MHz\_QPSK\_1\_0\_LowCH20425

RL RL	n i frema Sa			ALIM WITC		M 407 23, 2018	10 4 2
Center Freq 1.5	15000000 GHz	Trig: Free Run		pe: Log-Pwr	TRACI	1 2 3 4 5 6 ALWWWWWW	Frequency
5 (C. 201)	iFGain:Low	#Atten: 30 dB		Mk	r3 2.539	a yourseries	Auto Tur
	set 13.6 dB 0.00 dBm	10	-		-37.7	3 dBm	
20.0	¥1			_			Center Fre
10.0	_			-		-	1.515000000 G
0.00							
-10.0			-	-	-		Start Fre
20.0					.3_		30.000000 MI
in a		-	Q2	-	- manuter	-	
SO,D	Autorite des			-			Stop Fre 3.00000000 G
60.0			-	-			3.000000000 G
Start 30 MHz #Res BW 1.0 MHz	z #VBA	V 1.0 MHz		Sweep 2	Stop 3.	000 GHz	CF Ste 297.000000 M
INCOMENTAL PROPERTY OF	*	¥ III	PUNCTION-	UNCTION WIDTH	DAMAG		Auto M
1 N 1 1 2 N 1 1	826.0 MHz 1.693 0 GHz	25.72 dBm -40.39 dBm					
3 N 1 1	2.539 5 GHz	-37.73 dBm				_	Freq Offs
5							
6 7 8 9							
10							
11				-		- · ·	
14j0)				STATUS			

# 3GHz~10GHz\_Band5\_5MHz\_QPSK\_1\_0\_LowCH20425



# 30MHz~3GHz\_Band5\_5MHz\_QPSK\_1\_0\_MidCH20525

Agence (generation Arranges   Tomas Sa				-			10.4.63
Center Freq 1.51500000	PNO East +P	Trig: Pree Run	Avg	Type: Log-Pwr	TRACE	1 2 3 4 5 6 P NNNN N	Frequency
Ref Offset 13.5 dB 10 dB/div Ref 30.00 dBm		#Atten: 30 dB		Mk	r3 2.539	-	Auto Tun
30,0	¥1						Center Fre 1.515000000 GH
0.00	-				<b>A</b> 3		Start Fre 30.000000 MP
20.0 40.0 50.0	J		Q <sup>2</sup> 1.	-leste an	-	and and a	Stop Fre 3.00000000 GH
itart 30 MHz Res BW 1.0 MHz	#VBV	V 1,0 MHz		Sweep 2.	000 ms (1		CF Ste 297.000000 Mi Auto Mi
	834.9 MHz 1.693 0 GHz 2.639 5 GHz	26.13 dBm -41.16 dBm -36.57 dBm	PUNCTON		PARENA	N VALUE	Freq Offse
5 6 7 8 9 10 11							
ego i				STATUS	-		

# 3GHz~10GHz\_Band5\_5MHz\_QPSK\_1\_0\_MidCH20525

10.4 6	03:58:06 PM 407 23, 2018	ALIGH WITC				154	Mysel Sme	- () - Δ)		i ay
Frequency	TRACE 1 2 7 4 5 6	Type: Log-Pwr	A		Iz	0000 GH	5.50000	Freq t		
Auto Tuni	EET P NNNN N			Trig: Free Run #Atten: 30 dB		P				
	lkr1 4.869 GHz -33.02 dBm	м					Offset 13		BJdiv	10 de
Center Fre				_		_	_	-	-	.og 30,0
6.50000000 GH							-			10.00
StartFre		-		-	-			-	-	10.0
3.000000000 GH	in the second second						ant inde	-		30.0
Stop Fre	A TON TO A	- Contraction of the contraction		- linter a string	ara	All a lot a lot	NOVE Despite	-	-	40.0
10.00000000 GH			-	_		_	_	-		66.0
CF Ste 700.000000 MH	Stop 10.000 GHz 1.67 ms (1001 pts)	Sweep 11	_	1.0 MHz	#VBA	-		00 GH		
Auto Ma	PLANETICN VALUE	FUNCTION WOTH	PONCTION	-33.02 dBm	9 GHz	4 86	-		N	
Freq Offse										2345
										6789
					-			-		9 10 11
										•
		STATUS							_	R(G)

# 30MHz~3GHz\_Band5\_5MHz\_QPSK\_1\_0\_HighCH20625

10.4			********					4.54	mont (	- An		
Frequency	PM 4pr 23, 2018	TRAC	Log-Pwr	Avg Ty	Run	Trig: Free F	Z	0000 GH	1.51500	Freq 1		en R
	PNNNNN				dB	#Atten: 30	ain:Low	iFG	_		_	_
	9 5 GHz .01 dBm	-38.	MK						Offset 13 30.00 0		B/div	10 di
Center Free				_	_		-	21		-	1	.og
1.515000000 GH	-			-		_	-	-				tū a
	animates				_							10.00
Start Free 30.000000 MH	1000-000					_					1	20.0
30.00000 MP	-	¢3-			^2	-	-			_	-	30.0
Stop Fre	- allowed	24 march		***	-9-				and the second s	dime dias	in the	40.0
3.00000000 GH												60,03- 660,0
CF Ste	3.000 GHz (1001 pts)	Stop 3			_	1.0 MHz				MHz	1 30 P	
Auto Ma			sweep z.		10000	1.0 MHZ	#VBW		AHZ	DISTRICT	-	
1	FUR WALKE				m	25.71 dB	MHz	846,8	_	1 1	N	1
Freq Offse	_				n	-38.01 dBr		2,639 6		1 1	N	4
		-		-	-						-	5
		_		_	-		_		-		-	8
		_		-	-		-				-	5 6 7 8 9 10
	- F.			-	.I.						-	
			STATUS									15/3

## 3GHz~10GHz\_Band5\_5MHz\_QPSK\_1\_0\_HighCH20625

Entrer Freq 6.500000000 GHz With an Low         Trig: Free Run Matter: 35 dB         Avg Type: Log-Per Trig: Free Run State: 35 dB         Trig: Free Run Micro 12, 22, 93 dBm         Frequency           0 dB/dR 0 dB/d	Righter (pro	- Annyat I	an 3a				ALIGH WITC			10 4 63
Branching         Branching         Branching         Mkr1 4.827 GHz         Auto Tur           0 dBlain         GBlain         -32.93 dBm         -32.93 dBm         Center Free           0 dBlain         -32.93 dBm         -32.93 dBm         -32.93 dBm         Center Free           0 dBlain         -32.93 dBm         -32.93 dBm         -32.93 dBm         Center Free           0 dBlain         -32.93 dBm         -39.96         Start Free         3000000 GB           0 dBlain         -32.93 dBm         -39.96         Start Free         3000000 GB           0 dBlain         -32.93 dBm         -39.96         Start Free         30000000 GB           0 dBlain			00000 GHz	Fast 4.8	1	Avs		TRA	123456	Frequency
Bef Office 13 8 dB         Mike 1 4 8 / 2 / 6 Hz           0 gBudy         R 30.00 dBm         -32.83 dBm           0 gBudy         R 30.00 dBm         -30.00 dBm           0 gBudy         R 48.7 GHz         -32.93 dBm           0 h	_		iFGai	in:Low	#Atten: 30 dB				- 12 7 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Auto Tune
Start Freq         Stop 10.000 GHz         Stop 10.000 GHz         Stop Freq         Stop Freq <td>10 dB/div</td> <td>Ref Offset 1 Ref 30.00</td> <td>3.6 dB dBm</td> <td></td> <td></td> <td></td> <td>-</td> <td>-32.</td> <td>93 dBm</td> <td>200-0 0,000</td>	10 dB/div	Ref Offset 1 Ref 30.00	3.6 dB dBm				-	-32.	93 dBm	200-0 0,000
100         100 <td>30.0</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>Center Free</td>	30.0					-	-	-		Center Free
200         1         1         30000000 GH           200         1         1         1         1         1         1         30000000 GH           200         1<	10.00									6.50000000 GH;
30000000 of a         30000000 of a           30000000 of a         300000000 of a           300000000 of a         3000000000 of a           3000000000000000000000000000000000000		-		-	-	-	-	-		Start Free
Stop Free         Stop Free         Stop Free           Attra 1.000 GHz         #VBW 1.0 MHz         Stop 10.000 GHz         CF Stat           Res BW 1.0 MHz         #VBW 1.0 MHz         Stop 10.000 GHz         CF Stat           Res BW 1.0 MHz         #VBW 1.0 MHz         Stop 10.000 GHz         Main 20000000 GHz           Res BW 1.0 MHz         #VBW 1.0 MHz         Stop 10.000 GHz         Main 2000000 GHz         Main 2000000 GHz           Res BW 1.0 MHz         #VBW 1.0 MHz         Stop 10.000 GHz         Main 2000000 GHz         Main 20000000 GHz         Main 2000000 GHz         Main 20000000 GHz         Main 20000000 GHz         Main 20000000 GHz         Main 20000000 GHz         Main 200000000 GHz         Main 200000000 GHz <td>20.0</td> <td></td> <td>•</td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td>100</td> <td>3.000000000 GH</td>	20.0		•			_			100	3.000000000 GH
End         Stop 10.000 GHz           Res BW 1.0 MHz         Stop 10.000 GHz           Res BW 1.0 MHz         Stop 10.000 GHz           Control Contro Control Control Control Control Control Control Control		- The Brown	a have the part of the second	Long V	spectra las las		mile) where it is		the shake the	Stop Free
Res BW 1.0 MHz         #VBW 1.0 MHz         Sweep 11.87 ms (1001 pts)         700.00000 ML           Carcelina 2.01         x         i	60.0 60.0									10.00000000 GH
Control         N         F         4.827.GHz         -32.93.dBm         PARATON         PARAT			-	#VBW	1.0 MHz		Sweep			CF Step 700.000000 MH
2				-		FONGTION	FUNCTION	H PARKET	ON VALUE	Auto Mar
		1	4,827	GHX	-32.93 dBm			-		Freq Offse
	4 5						-			DH
	6 7 8			-			-			
	9			-						
	191 - F	1.1		1			-	1	- + <sup>*</sup>	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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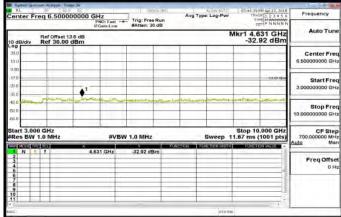
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## 30MHz~3GHz\_Band5\_10MHz\_QPSK\_1\_0\_LowCH20450

Bill			7		10 4 4
Center Freq 1.515	PNO: Fast ++-	Trig: Free Run	Aug Type: Log-Pwr	03:44:26 PM 4pr 23, 2018 TRACE 1 2 3 4 5 6 THE MUNICIPAL	Frequency
Ref Offset	IFGain:Low	#Atten: 30 dB	Mk	r3 2.532 0 GHz	Auto Tun
10 dB/div Ref 30.0	0 dBm		TT	-37.63 dBm	
20,0					Center Fre 1.515000000 GR
10:00					Start Fr
-20.0				•3	30.000000 M
40.0	-	Q2		and the second second	Stop Fr
60,0 60,0					3.000000000 G
Start 30 MHz Res BW 1.0 MHz	1 1 1 1 1	1.0 MHz	Sweep 2	Stop 3.000 GHz .000 ms (1001 pts)	CF St 297.000000 M
	826.0 MHz	25.73 dBm	ICTION FUNCTION WOTH	PUNCTION VALUE	Auto M
2 N 1 1 3 N 1 1 4 5	1.688 0 GHz 2,532 0 GHz	-40.58 dBm -37.63 dBm			Freq Offs 0
6 7 8 9					
9 10 11					1
asjo i			STATUS		

# 3GHz~10GHz\_Band5\_10MHz\_QPSK\_1\_0\_LowCH20450



# 30MHz~3GHz\_Band5\_10MHz\_QPSK\_1\_0\_MidCH20525

aginer (gerreum antrepet i benge 5a					10.4.63
Center Freq 1.51500000	PNO: Fast ++++	Trig: Free Run	Aug Type: Log-Pwr	03/45.59 PH 4pr 23, 2018 TRACE 1 2 3 4 5 6 Tree 44 WWWWW	Frequency
Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm	IFGain:Low	#Atten: 30 dB	Mk	r3 2.532 0 GHz -37.55 dBm	Auto Tun
30.0	¥1				Center Fre 1.515000000 GH
0.00 10:0					Start Fre 30.000000 MH
20.0 40.0 50.0	-	0	2	min	Stop Fre 3.00000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz		Stop 3.000 GHz .000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
4 N 1 f 3	834.9 MHz 1.688 0 GHz 2.632 0 GHz	26.20 dBm -40.98 dBm -37.55 dBm	PLACTION MD14	1950-1977/2016 -	Freq Offs 0 F
5 6 7 8 9 9 10 11					
<b>ग</b> ्र			STATUS	,	

# 3GHz~10GHz\_Band5\_10MHz\_QPSK\_1\_0\_MidCH20525

10.4							134	An Angent I To	and there a	
Frequency	511 PM Apr 23, 2018 TRACE 1 2 3 4 5 6 THE ALWANNY		ALIGN AUTO pe: Log-Pwr	Avg	Trig: Pree Ru	-Iz	00000 GI	q 6.5000	ter Fre	Ri Cen
Auto Tu					#Atten: 30 dB	NO: Fast ++ Gain:Low	p IF			
Auto Turi	4.722 GHz 33.06 dBm	Mkr						Ref Offset		IO de
Center Fr									1	.og
6.50000000 G			-							10.0
									-	0.00
	animites		_			-	_			10.0
Start Fr 3.000000000 G									1.0	0.0
3.000000000 G	-			-			A1			30.0
1	-normania	14	- martin		Marson Lington	men	the second	- house and	here an	40.0
Stop Fr					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					50.0
10.00000000 G								-		EQ. 0
	-	1	-	-			-	-	1.	
CF St 700.000000 M	o 10.000 GHz ns (1001 pts)	11.6	Sweep		1.0 MHz	#VBN	-	GHZ	t 3,000 s BW 1	
Auto N	ANCTION VALUE		UNCTION WOT	PUNCTION	-33.06 dBm	2 GHz	8 4.7		N N	
Freq Offs					50.00 0001	A.SPUA	400	1		23
0										4
						-			-	5
		-	_			-				6 7 8 9
		-								9
		-				-			-	10
		THE-	STAT							\$G1

# 30MHz~3GHz\_Band5\_10MHz\_QPSK\_1\_0\_HighCH20600

Against Stationer Thinking and	inen ja				10 4 23
Center Freq 1.515	PNO: Fant +	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	03:46:28 PM 4gr 23, 2018 TRACE 1 2 3 4 5 6 THE MUNICIPAL	Frequency
10 dB/div Ref 30.00		BAtten: 30 dB	Mk	r3 2.532 0 GHz -38.70 dBm	Auto Tune
20.0	21				Center Free 1.515000000 GH
0.00 -1070 -20.0					Start Free 30.000000 MH
-30.0 -40.0 -50.0 -60.0	-	- C		<b>♦</b> <sup>3</sup>	Stop Free 3.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBA	V 1.0 MHz	Sweep 2	Stop 3.000 GHz .000 ms (1001 pts)	CF Step 297.000000 MH Auto Mai
1 N 1 7 2 N 1 7 3 N 1 7 5 5 6 7 7 8	840,8 MHz 1,688 0 GHz 2,632 0 GHz	25.47 dBm -39.57 dBm -38.70 dBm	nici ich	DAVIET DIR MANA	Freq Offse 0 Ha
9 10 11 ,		~	STATUS	· · ·	

# 3GHz~10GHz\_Band5\_10MHz\_QPSK\_1\_0\_HighCH20600

	- An ergent i Th	- 12 A			-				-	10 4 63
Center Fre	eq 6.500	000000 GH	z D: Fant +•	Trig: Pree R		Avg Typ	Log-Pwr	TRA	PM 4pr 23, 2018	Frequency
	Ref Offset	IFGe 13.6 dB	hin:Low	#Atten: 30 c	18	-	N	Akr1 4.	715 GHz 42 dBm	Auto Tune
10 dB/div	Ref 30.00	dBm	-	1	-		-	-33	42 aBm	-
30,0 10.0	-								-	Center Freq 6.50000000 GHz
0.00	-		_		_				-1010-004	Start Free 3.00000000 GHz
30.0 40.0 × 1999	timetrain	- with	- inter	العرداء / المندومينيساعون		an prover the	- Dama Andrew	aurina	-	3.00000000 GHz
60,0 60,0			-							Stop Free 10.000000000 GH2
Start 3,000 Res BW 1		-	#VBV	V 1,0 MHz		-	Sweep 1		0.000 GHz (1001 pts)	CF Step 700.000000 MH
T N		4,715	CHA	-33,42 dBn		100 100	астон моти	PLANC.	ENVALUE -	Auto Mar
		4.7.19	Seria	55,42 000						Freq Offse 0 Ha
2 3 4 5 6 7 8 9 10					-		_		=	
10				~			_			
65							STATUS			

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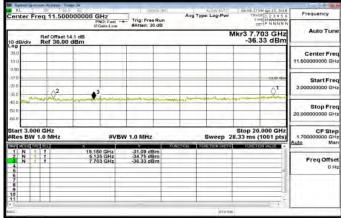
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# 30MHz~3GHz\_Band7\_5MHz\_QPSK\_1\_0\_LowCH20775

	(in the second	An Angulat I Sun	eger 34			-	-			10 4 4
Center	Freq	1.5150	00000 G		Trig: Free Ru	Ave	Type: Log-Pwr	TR	3 PM Apr 23, 2018 AGE 1 2 3 4 5 6	Frequency
			-	PNO: Fast + FGain:Low	#Atten: 30 dE	3		-	DET P NNNN	Auto Tur
10 dB/div		f Offset 1					м	kr1 2.50 26	01 0 GHz	Auto Tur
20.0			1	1				1		Center Fre
10.0									-	1.515000000 GH
0.00	_	-	-	-						
10.0	_	_	-	-		-	_			Start Fre
20.0	-	-	-	+			-		-	30.000000 M
.0.0	-	-					and the second	and	a Jul alter	
40.0		1000000		-	and the second second second		Acothe V			Stop Free
60.0										3.000000000 G
1.1	-	6	-	100	( )			1.000	10000	
Start 30 #Res Bi				#VB	W 1.0 MHz		Sweep :	Stop 2.000 ms	3.000 GHz (1001 pts)	CF Ste 297.000000 M
			2.50	1 0 GHz	26.54 dBm	PONCTION	FUNCTION MOT	PLANC	TION VALUE	Auto M
23		-				-	-	-		Freq Offs
4		-		-			-	-		0
6							-		_	
6 7 8 9	-	-				-				
10										
					-			-	- F	
16/0	_						STATE	18		

# 3GHz~10GHz\_Band7\_5MHz\_QPSK\_1\_0\_LowCH20775



# 30MHz~3GHz\_Band7\_5MHz\_QPSK\_1\_0\_MidCH21100

agener (genouen Arrayses   Smear	14			-			10.4	
Center Freq 1.515000	PNO East +P	Trig: Free Run		Type: Log-Pwr	TRAC	# Apr 23, 2018 # 1 2 3 4 5 6 # # NNNN	Frequency	
10 dB/div Ref 30.00 d	IFGain:Low F offset 14.1 dB of 30.00 dBm		Mkr1 2.533 7 GHz 26.27 dBm					
-og 30.0 10.0			_		11		Center Fre 1.515000000 GH	
0.00 10.0 20.0			_				Start Fre 30.000000 MH	
40 0 50,0 60,0				( <b>****</b> ********************************	بمعر الندر		Stop Fre 3.00000000 GH	
Start 30 MHz Res BW 1.0 MHz		1.0 MHz		Sweep 2.	Stop 3 .000 ms (		CF Ste 297.000000 MH Auto Ma	
N 1 7 2 3 4	2,633 7 GHz	26.27 dBm	2005110/2		USIG		Freq Offse	
5 6 7 8 9 9 10 11								
* #\$5				STATUS		+		

# 3GHz~10GHz\_Band7\_5MHz\_QPSK\_1\_0\_MidCH21100

RL States		SERVICE INT	ALIO	H MUTC 08 59:09	PM 4(r 23, 2018	1014 11
Center Freq 11.500000	PNO: Fast	Trig: Free Run	Avg Type: Lo	O-PWF TRA	123456	Frequency
	iFGain:Low	#Atten: 30 dB			- 17 J. 200	Auto Tun
10 dB/div Ref 30.00 dBm				Mkr3 7.7 -34.	'03 GHz 74 dBm	Auto Turi
30.0	_		_			Center Fre
10.0			_			11.50000000 GH
0.00	-					
20.0						Start Fre 3.000000000 GH
30.0	<b>♦</b> <sup>3</sup>				$Q^1$	3.00000000 0H
40.0 man and and and and and and and and and a	the state and the state	Constant Protocol States	- the second	- Caroling		Stop Free 20.00000000 GH
50,0	-					
Start 3.000 GHz	#3/IB3/	/ 1.0 MHz		Stop 20	.000 GHz	CF Step 1,70000000 GH
	#VBV	T.O MHZ	PONETRA PONET		HERRORING -	Auto Ma
1 N 1 1 2 N 1 1	19.337 GHz 5.135 GHz	-32.08 dBm -35.78 dBm			_	-
3 N I I 4 5	7.703 GHz	-34.74 dBm				Freq Offse
6 7 8 9						
10						
					-	

# 30MHz~3GHz\_Band7\_5MHz\_QPSK\_1\_0\_HighCH21425

10 4 4			*******		-			1.34	oyue) ( Since	о. — Ан		
Frequency	UN Apr 23, 2018	TRA	Log-Pwr	AvgT		Trig: Free R	Z (0: Fast +1	0000 GH	.51500	req 1		en R
Auto Tuni				-		#Atten: 30 c	io:Fast ← lain:Low	IFO	_	-	_	_
Auto Turn	6 4 GHz 78 dBm	r1 2.56 25.	Mk					1 dB	Offset 14	Ref	BJdiv	IO di
		1										.og
Center Free 1.515000000 GH					_					_		10.0
	-	_			_		-	_	_	-	-	0.00
StartFree			-	-	_	_	_	-	_	-	-	10.0
30.000000 MH					-				-	-		20.0
Stop Fred 3.000000000 GHz	aliciant	and -	man	- mar	-	man			_		11	30-0 40-0
								THE .				50,0
		_	-	-	_	_		-	_	-	-	E(E) D
CF Step	3.000 GHz (1001 pts)		Cuman 2			1.0 MHz	-	_		AHZ	1 30	
297.000000 MH Auto Ma	(1001 pts)		sweep z.	-		1.0 MHZ	#VD1				-	
	Fild Wallie	Donati		ICTION .		25.78 dBn	GHz	2,566		1	N	
Freq Offse		_		-	-		-				-	23
OH				-	-					11	-	5
				-	-		-			+ +	-	7
					-		_				-	2345 6789 10
		_			1		_		_	11		11
	-	-	STATUS								-	, 5/3

# 3GHz~10GHz\_Band7\_5MHz\_QPSK\_1\_0\_HighCH21425

104		-				y 34	Anayter 15	
Frequency	08:59 48 PM 407 23, 2018 TRADE 1 2 3 4 5 6 Tree Attorney	pe: Log-Pwr	Avg	Trig: Free Run	Hz D: Fant +•	00000 G	eq 11.500	enter Fr
Auto Tun	kr3 7.703 GHz -35.17 dBm	м		#Atten: 30 dB	ain:Low	IFG	Ref Offset 14	0 dB/div
Center Free 11.50000000 GH			_					og 30,0 10.0
Start Free 3.000000000 GH						▲ <sup>3</sup>		0.00 10:0 20:0
Stop Free 20.000000000 GH	ally letter and a set		nilingen they		ليتجاجبه	man	of a large	40 0 50 0 60 0
CF Step 1.700000000 GH Auto Ma	Stop 20.000 GHz .33 ms (1001 pts)			1.0 MHz	#VBV			tart 3.00 Res BW
Auto Ma	DUNCTION VALUE	UNCTION MUTH	PONCTION	-31,61 dBm	GHz	× 19.711		1 N
Freq Offse 0 H			_	-35.93 dBm -36.17 dBm	S GHZ S GHZ	7.703	1	2 N 1 4 5 6
								4 5 6 7 8 9 10
	· · ·	STATUS						(1) (1)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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## 30MHz~3GHz\_Band7\_10MHz\_QPSK\_1\_0\_LowCH20800

enter Freq 1.515000000 GH	Z D: Faat ++++ alm:Low #Atten: 30 dE	Avg T	Vpe: Log-Pwr	06:46.29 F	M 4pt 23, 2018	Frequency
IFG				117	123456	
		3	-			Auto Tur
0 dB/div Ref 30.00 dBm			Mk	r1 2.50 26.	0 GHz 75 dBm	Auto Tu
og 30.0				1		Center Fr
10.0			-			1.515000000 G
0.00			-	-		
10.0		-	-	-		Start Fr
20.0				1.		30.000000 M
40.0			-	Jun	-	
50,0		-	1			Stop Free 3.000000000 GH
60.D			-		-	
start 30 MHz Res BW 1.0 MHz	#VBW 1,0 MHz		Sweep 2	Stop 3 000 ms (		CF St 297.000000 M
N 1 7 2.501 0	GHz 26.75 dBm	PUNCTION:	никсток мотн	PLONET	IN WALLIE	Auto M
2 3	STR. KYAP ASID	-				Freq Offs
4 5				-		0
6 7				-		
8				_		
10						
100 million (100 m			STATUS			

## 3GHz~10GHz\_Band7\_10MHz\_QPSK\_1\_0\_LowCH20800

	A STATE OF THE PARTY OF THE					10 4 11
Center F	reg 11.500	D000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	06:46:42 PM 4pr 23, 2018 TRACE 1 2 3 4 5 6 TITE ALWARDS	Frequency
		iFGain:Low	#Atten: 30 dB			Auto Tun
10 dB/div	Ref Offset				4 4 4 3 7.605 GHz -37.34 dBm	
20.0						Center Fre
10.0	-					11.50000000 GH
10.00						-
20.0					~1	Start Fre 3.000000000 GH
40.0	and 2 and	and and	in the second second	and the second and		
50(0					100 A	Stop Fr
60.0		-				20.00000000 G
Start 3.0	00 GHz	#\/B	W 1.0 MHz	Cusan 3	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 G
MANU MILINE T		x	V.	инстала нажелов мни		Auto M
1 N 2 N 3 N		19.116 GHz 5.070 GHz	-31,37 dBm -35,43 dBm			Freq Offs
4 5	1 1	7.605 GHz	-37.34 dBm			Di
6						
6 7 8 9						
11	1.1					
695				STATU		

## 30MHz~3GHz\_Band7\_10MHz\_QPSK\_1\_0\_MidCH21100

Aginet (persone Antryzer)					10.4 63		
Center Freq 1.515	000000 GHz	Trig: Free Run	Aug Type: Log-Pwr	06:47:05 PM 4pr 23, 2018 TRADE 1 2 3 4 5 6 Tree st warmer pert P NNNN N	Frequency		
10 dB/div Ref 30.0	IFGain:Low Ref Offset 14.1 dB Idiv Ref 30.00 dBm		m: 30 dB Derif NNNN Mkr1 2.533 7 GHz 26.13 dBm				
20,0 10.0				11	Center Free 1.515000000 GH		
0.00					Start Fre 30.000000 MH		
40 0 40 0 60 0	8 <sub>11</sub> 11111		de-14		Stop Fre 3.00000000 GH		
Start 30 MHz Res BW 1.0 MHz	#VB	N 1.0 MHz	Sweep 2.	Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma		
1 N 1 F 2 3 4	2,533 7 GHz	26.13 dBm			Freq Offs 0 F		
5 6 7 8 9 9 10							
1951			STATUS		1		

#### 3GHz~10GHz\_Band7\_10MHz\_QPSK\_1\_0\_MidCH21100

Port of the table of the table of	Avg Tyr	pe: Log-Pwr TRAC Tri EE Mkr3 7.6	61 dBm	Frequency Auto Tun Center Fre
Port of the table of the table of	10-1-30 dB	Mkr3 7.6	05 GHz 81 dBm	Center Fre
0.0 dBM / Ref 30.00 dBm / 20 / 20 / 20 / 20 / 20 / 20 / 20 / 2			61 dBm	Center Fre
200 100 100 100 100 100 100 100			11	
0.00			11	
200				
200				
A2			-1010166	Start Fre
			0	3.000000000 GH
10.0 company the second second	monorialist		a contractor	Stop Free 20.000000000 GH
50(0			20	
60.0				
Start 3.000 GHz Res BW 1.0 MHz #VBW 1.0	MHz	Stop 20. Sweep 28.33 ms (		CF Ste
1 N 1 7 19.082 GHz -31	55 dBm	инстюн моти	IN WALLIE	to M
2 N 1 f 5.070 GHz -33	3.49 dBm 7.61 dBm			Freq Offs
4 5				0
6 7 8 9				
10				
50	-	STATUS		

# 30MHz~3GHz\_Band7\_10MHz\_QPSK\_1\_0\_HighCH21400

04			-					- Annyati		
Frequency	## 40723, 2018 # 1 2 3 4 5 6 ###################################	TRAD	pe: Log-Pwr		Trig: Free Run	PNO: East +P	5000000	eq 1.51		R Cen
Auto Tuni	3 4 GHz 52 dBm	r1 2.563	Mk		#Atten: 30 dB	IFGain:Low	et 14.1 dB	Ref Offse	BJdiv	10 d
Center Fre 1.515000000 GH		11								og 30.0 10.0
Start Fre 30.000000 MH	100-00			_		-	-	-	-	0.00 10:0 20:0 30:0
Stop Fre 3.00000000 GH			والمتحمد المستعلم			-		-		40.0
CF Ste 297.000000 MH Auto Ma		000 ms (	Sweep 2.	PUNCTEN	I.0 MHz	#VBW		1.0 MHz	t 30 Mi s BW 1	Re
Freq Offse 0 H					26,52 dBm	563 4 GHz		1	N 1	1234
								-		5 6 7 8 9 10 11
-	*		STATUS		-					* 15/5

#### 3GHz~10GHz\_Band7\_10MHz\_QPSK\_1\_0\_HighCH21400

0 4 EX	Contract of the second second second					4.54	Annyati	and particular	
Frequency	06047-49 PM Apr 23, 2018 TRACE 1 2 3 4 5 6 THE MUNICIPAL	Type: Log-Pwr		Trig: Free Run	Hz O: Fant +++	000000 G	q 11.500	er Fre	Cent
Auto Tune	r3 7.605 GHz -37.89 dBm	M		#Atten: 30 dB	ain:Low	IFG	Ref Offset 14		10 dE
Center Fred 11.50000000 GHz			-						28.0 10.0
Start Freq 3.000000000 GHz						.3			-10.0
Stop Fred 20.00000000 GH2						na anti-	- Andrew	and the second s	40.0 60.0
CF Step 1.700000000 GH: Auto Mar	top 20.000 GHz 33 ms (1001 pts)			1.0 MHz	#VBW	-		3.000 BW 1.	
FreqOffset	PLANETICN VALUE	FUNCTION MOTH	PORTE	-31.61 dBm -34.90 dBm -37.89 dBm	GHz GHz GHz	× 18,980 5.070 7.605	r r r	N 1 N 1 N 1	1
0 Hz									4 5 6 7 8 9 0
	÷	statue							*

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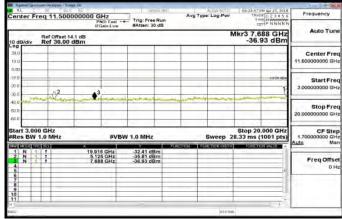
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## 30MHz~3GHz\_Band7\_15MHz\_QPSK\_1\_0\_LowCH20825

104								454	1000	·		
Frequency	N 4pr 23, 2018	TRAC	e: Log-Pwr	Avg T	ree Run	1	SHZ	00000	5150	req 1		R Cer
Auto Tun	A Star Star			_	30 dB	#Atten:	iFGain:Low	-		-	_	_
ente fui	10 GHz 15 dBm	Ref Officet 14.1 dB Mkr1 2.504 0 GHz 10 dB/div Ref 30.00 dBm 26.45 dBm										10 d
Center Fre		1										Log
1.515000000 G		-			-	-	-	-		_		10.0
		-		-	-		-	-		-		0.00
Start Fre		-	-	-	-	-	-	-	_	-	-	-10.0
30.000000 MH	2 1 1											-20.0
	-	a barto	in the	and and					I COLUMN		1	40.0
Stop Fre 3.00000000 GI	-			-			-	-		-	-	50,0
3.00000000		-		-	-		-		_	-	-	-6,6) D
CF Ste 297.000000 M	.000 GHz 1001 pts)	Stop 3. 000 ms (	Sweep 2.		łz	W 1.0 MH	#VB		Hz	AHZ 1.0 N	t 30 s BW	
Auto M	IN WALLIE	DUNCTO	RETION WOTH	NCTION .	dBm	26.45 c	04 0 GHz	2.50	-		N	
Freq Offs				-							-	23
0	-	-	-		-		-					4
		-		-	-		-		_		-	6
					-		_		_		-	8 9 10
	+				_				_	1	_	11
-	-		STATUS						-	-		uso i

# 3GHz~10GHz\_Band7\_15MHz\_QPSK\_1\_0\_LowCH20825



# 30MHz~3GHz\_Band7\_15MHz\_QPSK\_1\_0\_MidCH21100

agmen igertram anstratt Smeet	9				10.4				
Center Freq 1.515000	000 GHz	Trig: Free Run	Aug Type: Log-Pwr	06-25.31 PH 4pr 23, 2018 TRACE 1 2 3 4 5 6 Trace 4 WWWW 2017 P. NNNN N	Frequency				
Ref Offset 14.1 dB Mkr1 2.530 7 GHz 10 dB/div Ref 30.00 dBm 26.23 dBm									
30.0 10.0					Center Fre 1.515000000 GH				
0.00				1000-000	Start Fre 30.000000 MH				
40.0 40.0 50.0			<u></u>	ad a more thank	Stop Fre 3.00000000 GH				
Start 30 MHz Res BW 1.0 MHz	#VBV	1.0 MHz	Sweep 2.	Stop 3.000 GHz 000 ms (1001 pts)	CF Ste 297.000000 Mi Auto Ma				
N 1 1 2 3 4	2,530 7 GHz	26.23 dBm			Freq Offse 0 H				
5 6 7 8 9 9 10 11									
• महत			STATUS						

# 3GHz~10GHz\_Band7\_15MHz\_QPSK\_1\_0\_MidCH21100

	- An any set 1	134			-	a second second second second	10.4.	
enter Fre	q 11.5000	000000 GHz	Trig: Free Ru	Avg Typ	ALIGH MUTC	05:25 A4 IM 4pr 23, 2015 TRADE 1 2 3 4 5 1 THE ALWANNE DET P NNNN	Frequency	
		PNO: Fast + iFGain:Low	#Atten: 30 dB		_			
Ref Offset 14.1 dB Mkr3 7.688 GH: 10 dB/dw Ref 30.00 dBm -35.56 dBm -35.56 dBm								
.og 39.0	_						Center Fre	
10.0	-				-		11.50000000 GH	
0.00	-							
10.0	-		-	_	-		StartFre	
20.0	A2	A3		-	-	2	3.000000000 G	
40.0	and marine	man the man	in more higher of the	mant	and in	astimetime i		
50.0					-		Stop Fre	
60.0							20.00000000 GH	
Start 3.000		*//8	W 1.0 MHz		Cuence 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste	
INCOMENTAL INCOMENTAL		#*C	W 1.0 Miliz	PONCTON 11			Auto M	
1 N 1 2 N 1	1	19.847 GHz	-30.86 dBm -35.26 dBm					
	1	5.125 GHz 7.688 GHz	-36.66 dBm				Freq Offs	
5							0)	
6 7 8 9								
9								
10								
so					STATUS	+	-	

# 30MHz~3GHz\_Band7\_15MHz\_QPSK\_1\_0\_HighCH21375

10.4			-	_					Alfatti Smi	о. — Ау	gines 19	<b>1</b> 0,
Frequency	11 2 3 4 5 6	TRAC	Type: Log-Pwr		Free Run	The second	Hz PNO: Fant +	00000 G	1.5150	req 1		R Cer
Auto Tun	PNNNNN	100	-		n: 30 dB	#Atten:	FGain:Low		_	_	_	_
Hato Tur	50 dBm	Ref Offset 14.1 dB Mkr1 2.557 5 GHz 10 dB/div Ref 30.00 dBm 26.50 dBm										
Center Fre		11		_			1					.og
1.515000000 GH	-	-	_		-	-	-	-		-		tū a
-	andretes	1										10.00
Start Fre 30.000000 MH				_	-	-		-		-	-	20.0
1		we have		-	-				-			-10.0
Stop Fre					-		1		andre .	-101-	-	50,0
3.00000000 GP		_	_	-	-	-		-		-	-	-E (L) (L)
CF Ste 297.000000 MH	.000 GHz	Stop 3.	Sweep 2.	_	Hz	W 1.0 MH	#VB	-	AHZ	MHz	rt 30	
Auto Ma		DUNCTO	FUNCTION MOTH	PUNCTION:		Ŷ		x	-			
Freq Offse 0 H					0.dBm	26,50	7.6 GHz	2.65		1		1 2 3 4 5 6 7 8 9 10 11
					-				_			6 7 8
					-							9 10 11
_	- × 1		STATUS			-					- '	*
		1	PINIUP								-	and .

# 3GHz~10GHz\_Band7\_15MHz\_QPSK\_1\_0\_HighCH21375

10 4 63			-					134	- An experie	o parte	
Frequency	1 PM Apr 23, 2018	TRA	e: Log-Pwr	Avg T	ig: Free Run		GHz PNO: Fant	000000	q 11.500	r Fre	Cent
Auto Tune	Ref Offset 14.1 dBm 10 dB/div Ref 30.00 dBm -36.46 dBm										
Center Fred 11.50000000 GHz							-				.og 30,0 10.0
Start Freq 3.000000000 GHz		-		01					A2		0.00 -10.0 -20.0
Stop Free 20.00000000 GHz	some and	real for the second		- And	al faith and a second	-4.9	3	17 mil papara	walin-	m	30.0 40.0 50.0 60.0
CF Step 1.700000000 GH; Auto Mar	0.000 GHz (1001 pts)	Stop 20	Sweep 28		MHz	BW	#VI	-	GHz 0 MHz	3.000 BW 1.	Start
Auto Mar Freq Offset 0 Ha	ION VALUE	PMNGT	ю покамоти	SHENGW:	1,67 dBm 5,74 dBm 6,46 dBm		10 GHz 25 GHz 88 GHz	5.1			1 2 3
											5 6 7 8 9
	$\rightarrow^*$		STATUS		_				1	11	11

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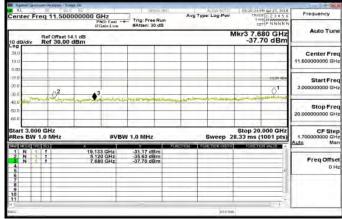
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## 30MHz~3GHz\_Band7\_20MHz\_QPSK\_1\_0\_LowCH20850

agent fperie	- Anarysei	Snigt SA				-			10.46
Center Fre	q 1.51	5000000 G	Hz	Trig: Free Ru	Avg	Type: Log-Pwr	TRA	PH 40/23, 2018 CE 1 2 3 4 5 6 TE M WWWWWW	Frequency
	_	ú	Gain:Low	#Atten: 30 dB	ř.				Auto Tur
10 dB/div	Ref 0ffset 14.1 dB Mkr1 2.504 0 GHz 26.95 dBm 26.95 dBm								
20.0							1		Center Fre
10.0								-	1.515000000 GH
0.00	_	_	-						
-10.0	-	_	-	_		_			Start Fr
20.0	-	-	-					-	30.000000 M
30.0	-	-	-				1	5-5-0	H
40.0	Gillion and	and the business		and the second second		and the state of t	-		Stop Fr
-60.0		-							3.000000000 G
	-		1						
Start 30 Mi #Res BW 1	.0 MHz		#VB	W 1.0 MHz		Sweep 2	Stop 3	1000 GHz	CF St 297.000000 M
TO N		2 504	0 GHz	26.95 dBm	DONCTION.	FUNCTION MOTH	Dimen	ON VALUE -	Auto M
2 3	-								Freq Offs
4 5			-						0
6					_	-			
8 9 10			_				-		
10					_				
			-					- F.	
850						STATU	-		

## 3GHz~10GHz\_Band7\_20MHz\_QPSK\_1\_0\_LowCH20850



# 30MHz~3GHz\_Band7\_20MHz\_QPSK\_1\_0\_MidCH21100

aganet fgenten Anarytet i Smert Sa					10 4 23				
Center Freq 1.51500000	PNO: East -P- Trig:	Free Run	ALIGH NOTO	05:20 41 PM 4gr 23, 2018 TRACE 1 2 3 4 5 6 THE 44 WWWWWW	Frequency				
Ref Offset 14.1 dB Mkr1 2.527 8 GHz 10 dB/div Ref 30.00 dBm 25.66 dBm									
30.0				1	Center Fre 1.515000000 GH				
0.00 -10.0 -20.0					Start Fre 30.000000 MH				
40 0 50 0 50 0 60 0				al and the second	Stop Fre 3.000000000 GH				
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 N		Sweep 2.0	Stop 3.000 GHz 00 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma				
1 N 1 F 2 3 4	2.527 8 GHz 25.6	6.dBm			Freq Offse 0 H				
5 6 7 8 9 9 10 11									
espa i			STATUS						

## 3GHz~10GHz\_Band7\_20MHz\_QPSK\_1\_0\_MidCH21100

10.4	M Apr 23, 2018	1 NON TO A	ALIGH WITC	-		1.5		19	NY III			- D.j.
Frequency	123456 MMMMM PNNNNN	TRAD	e: Log-Pwr	Avg Ty		1	Hz	000000 G		req		
		No.				#Atten: 3	NO: Fast + Jain:Low	PH IFC			_	-
Auto Tur		Ref Offset 14.1 dB Mkr3 7.680 GH -37.11 dB -37.11 dBr -37.11 dBr										
Center Fre							-					20.0
11.50000000 GH	-	-	-	-	-		-			_	1	10.0
_	-				-				-	-	-	0.00
StartFre				-	-	-	-			-	-	10.0
3.000000000 GI		0	A					.3	$\Diamond^2$			20.0
	Provide a	and a start of the		1	-	Activity	ning	man	-Xuanus	H-1	-	40.0
Stop Fre 20.00000000 G				-	-	-	-	-		-		50,0
20.00000000000			_	-	-					-	-	60.0
CF Ste 1.700000000 GH	.000 GHz 1001 pts)	Stop 20. 8.33 ms (*	Sweep 2			V 1.0 MHz	#VB			00 GI		
Auto M	-	PANGIN	CTON NOTH	Notion:	2	-31.42 df	0.011-	17.96	_		N	1
Freq Offs				-	Bm	-35.75 de	0 GHz	5.12	-	11	NN	2
0)					Bm	-57.11 0	0 GHZ	1.08			N	4 5
				_	-					-	-	6
					-		_				-	789
					-		-				-	10
	- F.	-				-	-			-		
		-	STATUS								_	15/3

## 30MHz~3GHz\_Band7\_20MHz\_QPSK\_1\_0\_HighCH21350

04	-		-				eer 34	Annyasi (Si	· ····································		
Frequency	1 2 3 4 5 6	TRAD	Type: Log-Pwr	A	Trig: Pree Rur	Hz PNO: Fant ++	00000 G	1.5150	Freq	nter	
Auto Tune	15 GHz	if Galan Low         Attent: 30 dB         Large MARTA           10 dB/div         Ref Offset 14:1 dB         Mkr1 2:561 5 GHz           10 dB/div         Ref 30.00 dBm         26.82 dBm									
Center Fred 1.515000000 GH		71					-			0 0	
Start Free 30.000000 MH;	10010									0	
Stop Free 3.000000000 GH	- Maria			-	and and a second se		and the second s	and the second second		0	
CF Step 297.000000 MH Auto Ma		000 ms (	Sweep 2.		1.0 MHz	#VBW	-	MHz	W 1.0	es B	
Freq Offse 0 H		054610		PUNCTION	26.82 dBm	1 5 GHz	2,551			N	
	+		STATUS		0					-	

#### 3GHz~10GHz\_Band7\_20MHz\_QPSK\_1\_0\_HighCH21350

	Anarytes ( Term	134	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -			10.4				
Center Fr	reg 11.5000	PNO: Fast	Trig: Free Run	Aug Type: Log-Pwr	05-21-23 PH 40-23, 2018 TRACE 1 2 3 4 5 6 Trice 4 WWWWWW	Frequency				
10 dB/div	Ref Offset 14.1 dB Mkr3 7.680 GHz									
20.0 10.0	-					Center Fred 11.50000000 GHz				
0.00 -10'0 -20'0 -30'0	2 <sup>2</sup>	<b>◆</b> <sup>3</sup>			 1	Start Free 3.000000000 GH:				
40.0 -L/-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		al anna a the phone and the second of		A	Stop Free 20.00000000 GH:				
Start 3.00 #Res BW		#VBA	N 1.0 MHz	Sweep 28	Stop 20.000 GHz 3.33 ms (1001 pts)	CF Step 1.700000000 GH; Auto Mar				
1 N		18,912 GHz	-32.31 dBm	NCTION FUNCTION MOTH	PLOCTION VALUE	Auto Mar				
2 N 3 N 4 5	1	5 120 GHz 7.680 GHz	-35,14 dBm -33,72 dBm			Freq Offset 0 Ha				
5 6 7 8 9 10										
	1.1	1	-	57à THE						

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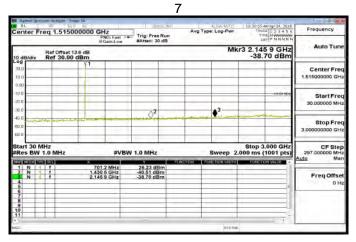
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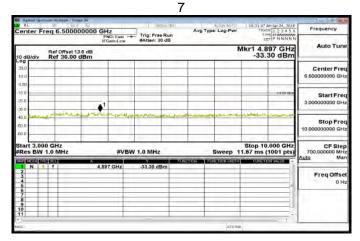
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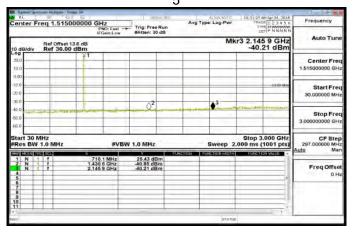
30MHz~3GHz\_Band12\_1\_4MHz\_QPSK\_1\_0\_LowCH2301



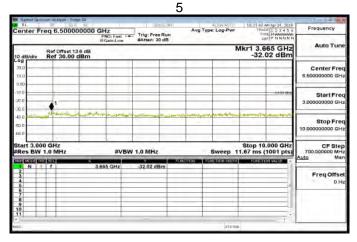
3GHz~10GHz\_Band12\_1\_4MHz\_QPSK\_1\_0\_LowCH2301



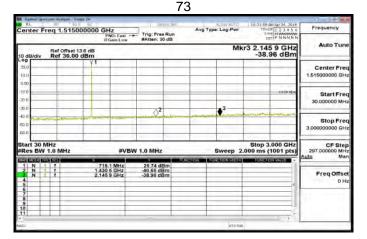
30MHz~3GHz\_Band12\_1\_4MHz\_QPSK\_1\_0\_MidCH2309 5

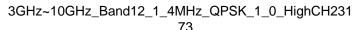


3GHz~10GHz\_Band12\_1\_4MHz\_QPSK\_1\_0\_MidCH2309



30MHz~3GHz\_Band12\_1\_4MHz\_QPSK\_1\_0\_HighCH231





BL.	And the state of the second se	ma 1 Sa		ALIGH WITC	10.32 10 AM Apr 24, 2018	10.4		
	reg 6.5000	00000 GHz	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TRACE 1 2 3 4 5 6 THE MWWWWW	Frequency		
	IFGaint.ow #Atten: 30 dB							
Ref Offset 13.6 dB Mkr1 4.876 GHz 10 dB/div Ref 30.00 dBm -33.30 dBm								
30.0								
10.0						Center Free 6.50000000 GH		
0.00								
10.0						-		
20.0						Start Fre 3.000000000 GH		
0.0		• <sup>1</sup>	-			0.00000000000		
40.0 autoria	- Comments	marcon	and a second second second	and the second second	hanning the second			
50(0						Stop Fre 10.00000000 GH		
EE D		-	-			10.000000000		
tart 3,00					Stop 10.000 GHz	CF Ste		
Res BW			W 1.0 MHz		1.67 ms (1001 pts)	700.000000 MH		
I N	1	4.876 GHz	-33,30 dBm	PUNCTION FUNCTION WOTH	PLANCTION VALUE			
2 3						Freq Offse		
4						0 H		
6								
8						1.		
10								
11	1.1.				· · ·			
96				STATU				

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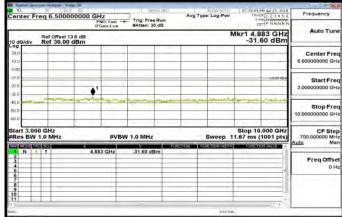
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## 30MHz~3GHz\_Band12\_3MHz\_QPSK\_1\_0\_LowCH23025

Billion Billion Billion	Trengt Sk				10.4				
Center Freq 1.51	5000000 GHz PNO: Fast + IFGaint rew	Trig: Free Run	Aug Type: Log-Pwr	07:38:55 PM Apr 23, 2018 TRACE 1 2 3 4 5 6 THE ALWAYNE	Frequency				
Ref Offset 136 dB Mkr3 2.143 5 GHz 10 dB/div Ref 30.00 dBm -38.15 dBm									
20.0	¥1				Center Fr 1.515000000 G				
0.00 10.0 20.0				contraction	Start Fr 30.000000 M				
30.0 40.0 50.0 60.0		. Q <sup>2</sup>	*3	- LANDAR PROVIDE LAND	Stop Fr 3.000000000 G				
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 2.	Stop 3.000 GHz .000 ms (1001 pts)	CF St 297.000000 M Auto M				
1 N 1 7 2 N 1 7 3 N 1 7 4 5	8 701.2 MHz 1.429 0 GHz 2.143.6 GHz	26.46 dBm -42.20 dBm -38.15 dBm	PORCTION: FUNCTION WOTH	PUNCTION VALUE	Freq Offs 0				
6 7 8 9 10 11									
1970			STATUS						

# 3GHz~10GHz\_Band12\_3MHz\_QPSK\_1\_0\_LowCH23025



# 30MHz~3GHz\_Band12\_3MHz\_QPSK\_1\_0\_MidCH23095

	Course Appropriate	Transa Sa						10.4.6
Center F	reg 1.515	000000 GHz		Trig: Free Ru	Avg	ALDIA HUTC Type: Log-Pwr	07:39:29 PM 40723	45.6 Frequency
		PNO: IFGai	Fant +++	#Atten: 30 dB		-	LET P NN	
10 dB/div	Ref Offsel					м	kr3 2.143 5 G -39.33 dl	HZI
20.0		¥1			_	_		Center Fre
t0.0						_		1.515000000 GH
0.00						-		-
-10.0								Start Fre
30.0	_			~2		<b>●</b> <sup>3</sup>		30.00000 MP
	to lementa			- Port		marina		Stop Fre
60,0			-					3.00000000 GH
Start 30							Stop 3.000 C	Hz CF Ste
	/ 1.0 MHz		#VBW 1	,0 MHz			2.000 ms (1001	Auto
1 N	1 1	× 707.2 M	fHz	26.15 dBm	PONCTION:	FUNCTION WIDTH	PLACTION VALUE	
2 N 3 N 4 5	1	1,429 0 C 2.143 5 C	Hz	40.17 dBm -39.33 dBm				Freq Offs
5 6 7 8 9								
9 10 11			-					-1
	1.1.						4	Ŧ
15/3						STATE	6	

# 3GHz~10GHz\_Band12\_3MHz\_QPSK\_1\_0\_MidCH23095

10.4	07 39 A2 VM 407 25, 2018	DUH NUTC	- 1				12	Page 1		I	R		
Frequency	Avg Type: Log-Pwr TRACE 1 2 3 4 5 6				Avg	Free Run	Trie	HZ	0000 GH	5.50000	req 6	ter F	Cen
	DET P NNNNN			m: 30 dB	SAL	Gain:Low	iF		-		_		
Auto Tu	-32.89 dBm	м	-				6 dB IBm	Offset 13 30.00	Ref	BJdiv	10 di		
Center Fr										1	20.0		
6.50000000 G			-								10.0		
								-		1	0.00		
-			_	_	-		-	-			10.0		
Start Fre 3.000000000 G										1.	20.0		
3.0000000000			_		1	-	1.1	♦ <sup>1</sup>	1		30.0		
1	at and a sum a series	all and the second	-	- Lought	mante	a the section	a provide the	and the second	des tom	W Two	40.0		
Stop Fre			-	-			-			12	50.0		
10.00000000 G			-	_	1	-	_		-		60.03		
CF Str 700.000000 M	top 10.000 GHz 7 ms (1001 pts)		-			40.000	-		00 GH				
Auto M				IHZ	W 1.0	#VB	_		_	-	-		
	PLANCTION WALLIE	TICN WEDTH	Notion .	9 dBm	-32	4 GHz	3.99			N			
Freq Offs										-	23		
0		-	-		_	-				-	4		
						-					6		
				-						-	7 8 9		
				-		-		-		-	9		
	÷					-		_			11		
	+	STATUS		-				-	-		150		
		Privilap								_	den.		

# 30MHz~3GHz\_Band12\_3MHz\_QPSK\_1\_0\_HighCH23165

Augment (gentregen Arranyen   Trents Sa				10 4 63
Center Freq 1.515000000		Avg Type: Lo	PWF TRACE 1 2 3 4 5 TRACE 1 2 3 4 5 Trace MWWW	6 Frequency
10 dB/div Ref 30.00 dBm	ir-Gain:Low writen: St		Mkr3 2.143 5 GH: -38.98 dBn	Z Auto Tune
300 ¥1				Center Free 1.515000000 GH
0.00 100 200			110.0	Start Free 30.000000 MH
100 400 Juli		•3	A	Stop Free 3.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Swe	Stop 3.000 GH ep 2.000 ms (1001 pts	Z CF Step 297.000000 MH Auto Mai
2 N 1 1 3 N 1 1 2.	716.1 MHz 26.32 dE 429 0 GHz -40.11 dE 143 5 GHz -38.98 dE	im	NUMERINI DIAVETICIN VALUE	Freq Offse
5 6 7 8 9 9 10 11				
nego -			STATUS	-

# 3GHz~10GHz\_Band12\_3MHz\_QPSK\_1\_0\_HighCH23165

10.4 6		A CONTRACTOR				Angent   Terms 54	(a.c.) - 4)	
Frequency	07 MG 20 PM 407 23, 2018 TRADE 1 2 3 4 5 6	Aug Type: Log-Pwr	Run	12000	0 GHz	5.500000000	Freq 6	nter
Auto Tun	EET P NNNN N			#Atten: 30	IFGain:Low		_	_
	kr1 4.008 GHz -32.92 dBm	M				Offset 13.6 dB 30.00 dBm	Ref	dB/div
Center Fre				_	-		-	
6.50000000 GH			-				-	00
StartFre								0
3.000000000 GH						A1	-	0
	بيوال غومل وحوالية والماليون			-	in	ampine	- Ital	0
Stop Fre 10.00000000 GH								0
CF Ste 700.000000 MH	Stop 10.000 GHz 1.67 ms (1001 pts)	Sweep 11	-	W 1.0 MHz	#VB		000 GH	art 3,
Auto Ma			PON	Y				MAINT
Freq Offse		-	Bm	-32.92 dE	4,008 GHz		1 1	N
DH			-		-			
			-					
		-	_				-	
			_					1
		STATUS						

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