# Report No.: E2/2018/70116 Page 279 of 437



# 3GHz~20GHz\_Band26\_15MHz\_QPSK\_1\_0\_LowCH26865

0 0	NAMES OF TAXABLE PARTY OF TAXABLE PARTY.							Analyzer - Swe						
Frequency	8:40:41 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Log-Pwr	Avg Type: Log-Pw		Trig: Free	_	pc	F 50 G	p	RL				
	DET P NNNNN	1/1	Avg Hold: 1/1			O: Fast								
Auto Tun		Ref Offset 13.6 dB Mkr1 19.414 8 GHz 0 dBuly Ref 23.60 dBm -42.526 dBm												
Contra Fra										9				
Center Fre 11,50000000 GH														
11.00000000000					11					i0				
	-13.00 dBm		-							4				
Start Fre 3.000000000 GH										4				
3.00000000 GF	1									4				
		and ball and	- definite and						-	4				
Stop Fre		-					-			4				
20.00000000 GH										4				
CF Ste	top 20.000 GHz	-			Same			Hz	3.000 G	art				
1.700000000 GH	ms (40000 pts)	weep 29.		8	1.0 MHz	#VBW		MHz	BW 1.0	les				
Auto Ma	EUNERDAWWUE	CIONWOIN	CTION P				X		10: 11: 10	6 10				
				Bm	-42,526 de	3 GHz	19.414		4 1	2				
Freq Offse			-	-		-		-						
	-									5				
1										7				
						-		-		8				
						_		-		0				
					H.									
		STATUS												

### 30MHz~3GHz\_Band26\_15MHz\_QPSK\_1\_0\_MidCH26915

🗱 Keysight Spectrum Analyzer - Sv			A CONTRACTOR OF A CONTRACT	and a company state of	
20 RL 10 50 c	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg/Hold: 1/1	08:41:15 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE NUMBER DET P NINNIN	Frequency
Ref Offset 1 10 dB/div Ref 23.60	IFGain:Low	#Atten: 20 dB	Mkr	2 2.489 74 GHz -31.958 dBm	Auto Tuni
13.60	1				Center Fre 1.515000000 GH
6.40 16.4 26.4 36.4				-13.00 dBn	Start Fre 30.000000 MH
46.4 66.4 66.4		an her an design of the last of the			Stop Fre 3.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 5.	Stop 3.000 GHz 333 ms (40000 pts)	CF Ste 297.000000 MH Auto Ma
1 N f 2 N f 3 4 5 6 7	830.06 MHz 2.489 74 GHz	28.268 dBm -31.958 dBm			Freq Offse 0 H
8 9 10 11 *(		н	STATU		

### 3GHz~20GHz\_Band26\_15MHz\_QPSK\_1\_0\_MidCH26915

	ectrum Analyzer - Sw			100 CO.		0.0					
RL	RF 50.0	PNO: Fast	SENSE:INT	Avg Type: Log-Pwr Avg Hold: 1/1	08:41:40 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency					
		IFGain:Low		2010/01/01/01/01		Auto Tu					
Ref Offset 13.6 dB         Mkr1 19.247 3 GHz           10 dB/div         Ref 23.60 dBm         -41.719 dBm											
13.6						Center Fre					
3.60						11.500000000 GH					
5.40	_		-		-13.00 dBm						
16.4						Start Fre					
26.4					1	3.000000000 GH					
36.4 45.4			and the same line in	Contraction of the second	a subscription of the second	-					
56.4	Andrew Alfred Martin				and sectors when any sectors	Stop Fr					
66.4				_	· · · · ·	20.00000000 G					
tart 3.00		ter al proce	and for the second s	N 192 1440	Stop 20.000 GHz	CF Ste					
	1.0 MHz	#V	BW 1.0 MHz		.33 ms (40000 pts)	1.70000000 Gi Auto M					
N N	1	19.247 3 GHz	-41.719 dBm	UNCTION FUNCTION WOTH	FUNCTION WALVE	Chelle III					
2 3						Freq Offs					
4 5						01					
6						1					
6 7 8 9	-										
10											
	1. 1.		н	1							
90				STATUS	5						

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台灣檢驗科技股份有限公司	t (886-2) 2299-3279
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30MHz~3GHz\_Band26\_15MHz\_QPSK\_1\_0\_HighCH26965

	ectrum Analyzer -		-		Sec.			1000000		0.0
RL	RF 50		O Fast -+	Trig: Free F		Avg Typ	Log-Pwr	08:42:19 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE NWWWWW DET P NNNNN		Frequency
0 dB/div	Ref Offset Ref 23.60	13.6 dB	ain:Low	#Atten: 20	18		Mkr	2 2.504	4 67 GHz 688 dBm	Auto Tun
og 13.6 3.60		1								Center Fre 1.515000000 GH
3.4D 15.4 36.4								<b>♦</b> <sup>2</sup>	-13.00 dDm	Start Fre 30.000000 MH
5.4 5.4		lu	ىنى ئە <sup>ر</sup> ايى	4,m 9,459,474	<del>سا س</del>	le su orter dite	-	Hallen m	ورجين الجامع	Stop Fr 3.00000000 G
art 30 M Res BW	MHz 1.0 MHz	1.1	#VBV	V 1.0 MHz		S	weep 5.	Stop 333 ms (	3.000 GHz 40000 pts)	CF St 297.000000 M Auto M
2 N 3 4 5	20 ECCU 1 1	835.04 2.504 67	MHz GHz	28.033 dBr -32.688 dBr	n	CTION FU	CONTRACTOR INCOME	FUNC	TION WALLE	Auto M Freq Offs 0
2 N 3 4 5 6 7 8 9 9 0										
	10 IX			H.					1.1	
2							STATUS			

### 3GHz~20GHz\_Band26\_15MHz\_QPSK\_1\_0\_HighCH26965

0.0							Analyzer - Sive				
Frequency	08:42:46 AN Aug 21, 2018 TRACE 1 2 3 4 5 6	ALIGN AUTO	Avg	SENSE:18	-	pc	50 (2	81	RL		
Auto Tun	DET P NNNN	1: 1/1	Avgit	Trig: Free Run #Atten: 20 dB	O: Fast	PN					
	Ref Offset 13.6 dB Mkr1 19.811 7 GHz dB/div Ref 23.60 dBm -41.753 dBm										
Center Fre									9		
11.50000000 G								-	50		
	-13.00 dBm							-	40		
Start Fre 3.000000000 Gi									4		
			NAME DESIGN			1 10 170			4		
Stop Fre	the sector in the sector is th		-					-	4		
20.00000000 G									4		
CF Ste 1.70000000 G	Stop 20.000 GHz 33 ms (40000 pts)	weep 29.		1.0 MHz	#VBW			.000 G			
Auto Ma	FUNCTION WALLE	NCTION WOTH	FUNCTION			×	_	E TRO SO			
Freq Offs				-41.753 dBm	GHZ	19.811 7		1 1	N		
01											
					_		-				
					_						
	· ·				_				1		
		STATUS									



### Part 90

# 30MHz~3GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_LowCH26697

0 9 🖬	AM Aug 21, 2018	0.0.10.41	ALIGN AUTO		SENSE IN			eSA DC	nalyzer - See	pectrum A		R R
Frequency	TRACE 1 2 3 4 5 6 TIPE NWWWW DET P NNNNN		Avg Type: Log-Pwr Avg Hold: 1/1		Free Run		0: Fast	Pł	20.00		-	
Auto Tur	2 96 GHz 711 dBm	2 2.442	Mkr	10.100	n: 20 dB	#Atte	ain:Low	dB	Offset 13 23.60 (		Bídiv	
Center Fre								1	23.00 (	Rei	F	0g 13.6
Ctore Error	-13.00 dBm			_	-					_		5.4D
Start Fre 30.000000 MF		<sup>2</sup>				-						6.4 6.4
Stop Fre 3.000000000 GH		Jure and the second sec			di marik	<b></b>			حلصليبين	-		16.4 16.4 16.4
CF Ste 297.000000 Mi	3.000 GHz 40000 pts)	Stop 3 33 ms (	weep 5.3		Hz	V 1.0 IV	#VBV	-	1Hz	MHz / 1.0 M	rt 30 IS BV	
Auto Ma	TOWNWOOD -	80.00	NTORWOOD	FUNCTION	dBm	27.13	MHz	814.4		teo noo	N	1
Freq Offs 0 F					dBm	-30.71	GHz	2.442 9		1 1	N	345
	_											6 7 8 9
					-	н	1					10
			STATUS									io I

3GHz~10GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_LowCH26697

PNO: Fast	Trig: Free Run #Atten: 20 dB	Avg Type: L Avg Hold: 1	Mkr1 19	20:10 AM Ang 21, 2018 TRACE [1 2 3 4 5 c Tree P NENNE DET P NENNE 0.812 1 GHz 11.355 dBm	Auto Tune
IFGain:Low	#Atten: 20 dB		Mkr1 19	.812 1 GHz	Auto Tun Center Free
		-			
				-13.00 dBn	Start Fre 3.000000000 GP
<u>مرادر الروخانا می بردار</u>	unda az junda a				Stop Fre 20.000000000 GH
#VBW			eep 29.33 r	ns (40000 pts)	
9.812 1 GHz	-41,355 dBm				Freq Offs 01
		9.812 1 GHz -41.355 dBm	2.812.1 GHz 41.355 dBm FUNCTION FUNCT	#VEW 1.0 MHz Sweep 20.33 m 0.812 1 GHz 41.355 dBm 7004000 10010000 1000000000000000000000	2.812.1 GHz 41.355 dBm Function Control Contro

30MHz~3GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_Mid26740

Frequency	AM Aug 21, 2018 VCE 1 2 3 4 5 6 VPE N WWWWW DET P N N N N N	THA	LIGN AUTO Log-Pwr 1/1	Avg Typ Avg Hole		Trig: Free	NO: Fast	PK	50 0	10		RI
Auto Tur	96 GHz	Ref Offset 13.6 dB Mkr2 2.455 96 GHz										
	68 dBm	-28.9	0.000000					Bm	23.60		B/div	
Center Fr								11		_	_	3.6
1.515000000 G		· · · · ·		-		-		_		_	-	1.60
2	-13.00 dDm									-	-	40
StartFre		▲ <sup>2</sup>									-	E.4
30.000000 Mi		1				1				-		6.4
			SS 733		1							6.4 E.4
Stop Fre				-	<b>Andres</b>			in the second second	ain dan	-	-	E 4
3.00000000 GI										_		6.4
	3.000 GHz	01									t 30	
CF Ste 297.000000 Mi	40000 gHz	33 ms (4	veep 5.3	5		1.0 MHz	#VB		Hz	1.0 M		
Auto M	ON MOUSE -					Ť.		×		1001	ZDEICH B	R.
					m	26.856 dE	6 GHz	818.78		1	NN	1
Freq Offs									_		-	3
01	-				-		-			+	-	5
					-						-	6 7 8
							_				-	9
				_	-		_		_	1 1	_	1
		1	STATUS			H.					_	0

3GHz~10GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_Mid26740

0 0 0							en Analyzer - 5	ght Spectro	RL		
Frequency	09:21:12 AM Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	ALIGN AUTO		Trig: Free Rur			10 50		KL.		
Auto Tur	Profession Mkr1 3.758 6 GHz										
	-41.755 dBm	0000					tef 23.60		dB		
Center Fre 11.500000000 GH			_		-				3.6		
7	-13.00 dBm						-		40		
Start Fre 3.000000000 GF								<b>▲</b> 1	6.4 6.4 6.4		
Stop Fre 20.000000000 GH			-					up the	6.4 6.4		
CF Ste 1.700000000 GH Auto Mr	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW			3.000 BW 1.			
Zialo ma	EUNITION MALUE	REDERINGER	FUNCTION	-41.755 dBm	6 GHz	3 758	00				
Freq Offs 0 F				and a dom		0.700	-		2 3 4 5		
			_						2 3 4 5 6 7 8 9		
				11					0		
		STATUS							0		

30MHz~3GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_HighCH26783

Frequency	AM Aug 21, 2018	09:21:44 #	ALIGN AUTO		ISE: INT	50		pc [	50 (2	1	L	R
riequency	CE 1 2 3 4 5 6	TYPE NWWWWW		Avg Type: Log-Pwr Avg Hold: 1/1		Trig: Free	O: Fast -+	PN				-
Auto Tur			10.09 <i>0</i>	253535.0453	dB	#Atten: 2	ain:Low	IFG				_
Auto Tur	80 GHz 842 dBm	2 2.468	Mkr						Offset 13 f 23.60		B/div	
Center Fre								1				<b>9g</b>
1.515000000 GH				-				_		_		.60
	-13.00 dBm	-				_						40
Start Fre		A2								- 1		E.4
30.000000 MH		•										6.4
		1										6.4 6.4
Stop Fre							وبينية الجين	and a second		-	-	6.4
3.00000000 GH		-		-				_			-	6.4
CF Ste	3.000 GHz		- vend	12		Same and	1000400		25.56	MHz		
297.000000 MH	40000 pts)					1.0 MHz	#VBV			V 1.0	-	
SHAR. III	0010000	HUNH	CTOR WOTH	CTION FU		27.391 di	MHz	823.08			N	1
Freq Offs				-	Im	-30.842 di		2.468 80	-	1 1	N	3
01		-		-	-		-		-	-		4
				_	-					-	-	<u>6</u>
					-		_		_	-		34567890
					-					_		0
						10.1						



0.0									matyzer - See			
Frequency	0 AN Aug 21, 2018 RACE 1 2 3 4 5 6	TR	Log-Pwr	Avg Typ	SE:INT]	100503800		pc.	50.0	10	L	R
Auto Tur	DET P NNNN		1749). -	CARD IN IN	dB	#Atten: 2	IO: Fast 😁	IFC				
	Ref Offset 13.6 dB Mkr1 18.974 0 GHz 10 dB/div Ref 23.60 dBm -41.559 dBm											
Center Fr												og 36
11.50000000 G												1.60
	-13.00 dBm											40
StartFre	13.00 0010									-	-	6.4
3.00000000 G	.1	-		-				-		-	-	6.4
		1.000000	120122	1.000	000002070	1100000	9 - MARC	3500000	10.000		0.00	6.4
Stop Fre		-		Contraction of the local division of the loc						-	-	6.4 6.4
20.00000000 G											-	6.4
CF Ste 1.70000000 G	20.000 GHz (40000 pts)	Stop 2				1.0 MHz	-			00 GH		
Auto M	(40000 pts)		weep 29			1.0 MHZ	#VBW	×				-
	CITERI MACON	P Grac		1103		-41.659 dE	GHz	18.974		1	N	11
Freq Offs				_	-		_			-		23456789
01				_	-		_					5
				_	-						_	7
				_	-		_					9
				_	-		_				_	10

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台灣檢驗科技股份有限公司



# 30MHz~3GHz\_Band26\_3MHz\_QPSK\_1\_0\_LowCH26705

	am Analyzar - Sore									
RL	RF 50 R	pc		SENS		Avg Type:		TR	AM Aug 21, 2018 ACE 1 2 3 4 5 6	Frequency
			I: Fast	#Atten: 20		Avg Hold:	1/1	1	DET P NNNN	Hz Auto Tune
	Ref Offset 13 Ref 23.60 c						Mkr		2 89 GHz 702 dBm	GHz Auto Tune
9	101 20.00 0	1								
50										Center Fre 1.515000000 GH
40										1.51500000 GP
4						-		_	-13.00 dBm	
4								12		Start Fre
								<b>Y</b>		30.000000 MH
				Deriver In A start	11			l.		
-		Supplication Support	الأربيبانية أأحظ	per				-		Stop Fre
5.4								-	-	3.00000000 GH
tart 30 MH			1400-8002	L			200		3.000 GHz	CF Ste
Res BW 1.	0 MHz		#VBW	/ 1.0 MHz		SV	eep 5.3	333 ms (	40000 pts)	297.000000 MH Auto Ma
	100	814.47		27.287 dBr		NCTION FUNC	TION WOTH	FUNC	TON MADE	esare ma
2 N 1	ł	2,442 89	GHz	-32.702 dBr	n					Freq Offse
3			-		-					OH
5	-		-		-					
6 7 8			_		-					
9	_				-					
0										
				H					•	
2							STATUS			

3GHz~10GHz\_Band26\_3MHz\_QPSK\_1\_0\_LowCH26705

0 0	26 AM Aug 21, 2018		ALIGN AUTO		SEN			Analyzer - Swe	Spectrum	leysight R.L
Frequency	TRACE 1 2 3 4 5 6 TIPE NWWW DET P NNNNN		Type: Log-Pwr fold: 1/1	m	Trig: Free	O: Fast	P	50.14	1 10	nL.
Auto Tur	119 0 GHz .728 dBm	lkr1 19. -4	Mk	8	#Atten: 20	iain:Low	IFC 6 dB	f Offset 13. f 23.60 d		dB/dir
Center Fre 11.500000000 GR		-	_							6
Start Fre	-13.00 dBm	-		_					_	4
3.00000000 GF	↓ <sup>1</sup>	and have		10.000						4
Stop Fre 20.000000000 Gi								براندین ک <sup>ر</sup>		
CF St 1.70000000 G	20.000 GHz (40000 pts)		Sweep 2		1.0 MHz	#VBW	20 - 20 		000 G W 1.0	
Auto M	NCTION WALLE		FUNCTION WOTH	FUNCT	-41.728 dB	GHz	19.119		tine in t	N
Freq Offs 01										-
					н					
		ATUS	STATU							-

30MHz~3GHz\_Band26\_3MHz\_QPSK\_1\_0\_MidCH26740

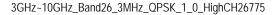
0 4 🖬										Analyzer - 5		
Frequency	AH Aug 21, 2018 CE 1 2 3 4 5 6	TRA	Log-Pwr	Avg Ty	VSE: INT	1000000000		_	n pc	F 50	-	
	DET PNNNNN	0		AvgiHo	0 dB	#Atten: 2	in:Low					
Auto Tun	51 GHz 26 dBm		Mkr					8		f Offset 1 f 23.60		B/div
Center Fre								1				
1.515000000 GH									_			
	-13.00 dBm			-					-			_
Start Fre				-					-		-	-
30.000000 MH				+					-			-
		1	31 223	-	T I							-
Stop Fre								-	-			-
3.000000000 GH								_	_			
CF Ste	3.000 GHz						in a constraint de	-		50.46	MH2	
297.000000 MH Auto Ma	40000 pts)					1.0 MHz	#VBW	_		MHz	-	-
	ION WALKE	EUNCT	ICTION WOTH	ICTION 1		27.331 di	MHz	17.96	81			N
Freq Offse					Bm	-32.926 di	GHz	63 61	2,40	-	1	N
0 H	-						_					
				_			_					
										-		
					_							
					_	H.	-				_	

3GHz~10GHz\_Band26\_3MHz\_QPSK\_1\_0\_MidCH26740

0.4				and the first sector			knalyzer - Sore			
Frequency	09:16:31 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	0.0	Trig: Free Ru		pc	50 12	10	L	R
Auto Tu	DET P NNNNN			#Atten: 20 dB	NO: Fast 🔸 Gain:Low	IF				
Auto Tu	19.427 9 GHz -41.185 dBm	Mkr					Offset 13 23.60 c		B/div	0 di
Center Fr								-		3.6
11.500000000 G					-					.60
	-13.00 dBm								-	4
Start Fr 3 000000000 G								-		4
	<b>↓</b> 1					-	100-11 PT 21-1			4
Stop Fi					indian land	-		-	-	4
20.000000000										4
CF St	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.		.0 MHz	#VBW			00 GH		
Auto N	FUNCTION VALUE	FUNCTION WOTH	FUNC	1.185 dBm	D CIUS	× 19.427	_		N	R)
Freq Off				1.165 dBm	9 GHZ	19.427		1	N	2
0					_					
					_			+	-	1
					_			=	-	
	· ·				_			-		0
		STATUS								

30MHz~3GHz\_Band26\_3MHz\_QPSK\_1\_0\_HighCH26775

0 0	09:17:07 AM Aug 21, 2018	ALTON AUTO		SENSE		ic I	yaar - Swept	TUP.		RI
Frequency	TRACE 1 2 3 4 5 6 TYPE NWWWWW DET P NNNNN	Type: Log-Pwr Hold: 1/1	n	Trig: Free Ru	IO: Fast	PN				_
Auto Tu		Manufactor (710)	-	#Atten: 20 dE	iain:Low	IFG				_
Auto Tu	2.463 98 GHz -32.415 dBm	Mkr					ffset 13.6 23.60 di		B/div	D dE
Center Fr						1				3.6
1.515000000 G										190
1.313000000										40
	-13.00 dBm	_	_					-	-	6.4
Start Fre	A2									6.4
30.00000 Mi	•									6.4 6.4
-		3 300 cm	P.			1				6.4. E.4
Stop Fr	Contraction of the owner of the		-	and states where	فجزر والمجاجرة	بتبها استند		-	-	6.4
3.00000000 G										6.4 6.4
C										6.4
CF Ste 297.000000 Mi	Stop 3.000 GHz 33 ms (40000 pts)	Sweep 5.3		1.0 MHz	#VBW	20	Hz	/Hz 1.0 MI	t 30 I s BW	
Auto M	HUNGTON MALOR	FUNCTOR WORK	FUNC			×		10 SOL		
Contraction of the second				27.320 dBm -32.415 dBm	GHz GHz	821.45		1	NN	1
Freq Offs 01										3 4 5 6 7 8 9
	1				-			+ +	-	6
					-				-	7
										9
					_					0
i			_	#						÷
		STATUS								2



0 4		a a state a state a second		and the local sector	1.11		Analyzer - See		
Frequency	09:18:00 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Log-Pwr	Ave	Trig: Free Ru		pc	50 12	1 10	L
0.531000105	DET P NNNN	1/1	- AV8	#Atten: 20 dB	O: Fast				
Auto Tun	18.920 9 GHz -41.998 dBm	Mkr1					f Offset 13 f 23.60 (		B/div
Contract Free									
Center Fre 11.500000000 GH									
						1			
Start Fre	-13.00 dBm		-						F
3.000000000 GH			-						⊢
	• <sup>1</sup>								-
Stop Fre	and the second se	and and an other	in the second second	in the state	un man	in the second	-	-	-
20.000000000 GH									_
CF Ste 1.70000000 GF	Stop 20.000 GHz 33 ms (40000 pts)	weep 29.		1.0 MHz	#VBW			000 G W 1.0	
Auto Ma		BOORWOOD	FUNCTION			×		ALC: NO.	-
				41.998 dBm	GHz	18.920 9		1 1	N
Freq Offse					_		-		
0 H					_				
					-				
					-		-		
							-		-
	1.1								_
		STATUS							

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台灣檢驗科技股份有限公司



# 30MHz~3GHz\_Band26\_5MHz\_QPSK\_1\_0\_LowCH26715

0 0 0									nafyzer - Swep		
Frequency	M Aug 21, 2018	TRA	Log-Pwr		ISE:INT	1		BC	50.02	10	RL
GHZ Auto Tune	ET P NNNNN	TY D	1/1	AvgiHo		#Atten: 2	0: Fast				
6 dBm Center Freq	26 GHz 06 dBm	-33.0	Mkr						Offset 13.6 23.60 dl		dB/div
0								1			°[
1.51500000 GH											
											10
StartFre	-13.00 dBm			-						_	4
30.000000 MH		▲ <sup>2</sup>		-						_	4
		<u> </u>		-				-			4
	-				Line at at	and fortune at the					4
Stop Fre 3.00000000 GH									-		4
0.000000000				-		-		-		-	4
CF Ste 297.000000 MH	.000 GHz		weep 5.3	1		1.0 MHz	#VBW		IHz	MHz N 1.0 M	
Auto Ma		EUNET	TOW WORK					×		182 500	I LOICE
in the second second					3m	27.287 di -33.006 di	MHz	814.55		11	N
Freq Offse					an	-99.999 0	- Conta	A.440.40		-	
0 H							_				
				-			-			-	
				-	-		-				
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	1 .					H);					
			STATUS								

3GHz~10GHz\_Band26\_5MHz\_QPSK\_1\_0\_LowCH26715

0 0		-			an a	1			1 Analyzar - Son		leysight R L
Frequency	01 Aug 21, 2018 CE 1 2 3 4 5 6 PE NWWWWW SET P NNNNN	TRA	e: Log-Pwr E: 1/1	Avg Ty	Run	12000000	O: Fast -+		UF 50 G	10	KL.
Auto Tur	46GHz		507/81			#Atten: 2	sain:Low	IFO			
	35 dBm	-41.7	min						of Offset 13 of 23.60 c		dB/div
Center Fre											6
11.50000000 GH										-	
Ctart Free	-13.00 dBm										4
Start Fre 3.000000000 GH		-		-		-		-		-	4
					(4)-1052			Tener vi	0.000000		1
Stop Fre								a second and a		-	-
20.00000000 GH						-					-
CF Ste	0.000 GHz			12 20				<i>a</i> 2		000 G	
1.70000000 GH Auto Ma	0000 pts)		weep 29		-	1.0 MHz	#VBV	×		N 1.0	-
2 						-41.735 de	5 GHz	19.914		1 1	N
Freq Offse				-	-					-	
					_		_		-		
				-	-				-	_	-
						H.			1		-
		6	STATUS								

30MHz~3GHz\_Band26\_5MHz\_QPSK\_1\_0\_MidCH26740

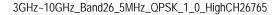
0 0							er - Swept SA		int Spect	
Frequency	09:10:07 AM Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE M 444444	ALIGN AUTO pe: Log-Pwr d: 1/1	Ave	SENSE D			50 0 PC	RF.		RL
Auto Tur	DET PNNNNN		~~9	#Atten: 20 dB	l: Fast	PNC IFGa				
AutoTur	-32.412 dBm	Mkr2					et 13.6 dE .60 dBm	Ref Offs Ref 23.	div	dB/
Center Fre						1				
1.515000000 GH						-	_	-		-0
	-13.00 d0m									0
Start Fre	•2									1
30.000000 MH										1
Stop Fre	-					-	6 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		1	4
3.000000000 GH										4
CF Ste	Stop 3.000 GHz 33 ms (40000 pts)	Sweep 5.3		.0 MHz	#VBW	-		Hz .0 MHz	30 MH BW 1	
Auto Ma		IN CONTRACTOR	120304-0031				_	500		
Freq Offs				27.354 dBm 32.412 dBm	MHz GHz	817.07		1	1	N
01										
1					-					
	· ·									
		STATUS								1

3GHz~10GHz\_Band26\_5MHz\_QPSK\_1\_0\_MidCH26740

RL	trum Analyzer - See	DC 1	SENSE IN	ti Atta	N AUTO 09:10:32 AM Aug 21, 2018	0.2.
	1.55.0	PNO: Fast	Trig: Free Run	Avg Type: Lo Avg/Hold: 1/1	g-Pwr TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	Frequency
		IFGain:Low	#Atten: 20 dB	0 83 <del>3</del> 10003100		
) dB/div	Ref Offset 13 Ref 23.60 c	6 dB IBm			Mkr1 19.490 8 GHz -41.819 dBm	1
3.6	-					Center Fr
.60				_		11.500000000 G
40					-13.00 dBm	
5.4						Start Fr
6.4					<b>_</b> 1	3.00000000 G
4		La de la		ورا المحصوص أحصص	A STATE OF THE OWNER	
5.4						Stop Fr 20.000000000 G
5.4	-		-	_		
art 3.000 Res BW		#VB	W 1.0 MHz	Swe	Stop 20.000 GHz ep 29.33 ms (40000 pts)	CF St 1.700000000 G
N N		19,490 8 GHz	-41.819 dBm	FUNCTION FUNCTO	RIWOTH FUNCTION MADE	Auto M
		10.400 0 0112	41.012 4011			Freq Offs
2 3 4 5 6 7 7 8				-		0
3						
0						

30MHz~3GHz\_Band26\_5MHz\_QPSK\_1\_0\_HighCH26765

R L	trum Analyzer - 5						ALTON AUTO	00.11.05	AM Aug 21, 2018	
	10. 20		PNO: Fast	Trig: Free I	Run		Log-Pwr	TR	ACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency
			IFGain:Low	#Atten: 20	dB				DET PNNNNN	1000000000
0 dB/div	Ref Offset Ref 23.60						Mkr		8 26 GHz 528 dBm	Auto Tur
36			1							
										Center Fre
.60										1.515000000 GH
40			_			-			-13.00 dBm	2.
6.4								A2		Start Fre
6.4								•°		30.000000 MH
6.4	-	1			1.1			1		-
6.4	فأفتحت وال	Name of Street	ماريندا (برايند) الراين	بالاستخداد	-			in the second		Stop Fre
6,4										3.000000000 GI
6.4	-	-	-	-		-		-		
tart 30 M	1Hz 1.0 MHz	0	#VB	W 1.0 MHz		S	weep 5.3	Stop 333 ms	3.000 GHz 40000 pts)	CF Ste 297.000000 MI
OS BEDGICS BUS					E	NOTION THUS				Auto M
1 N	1	819	9.69 MHz	27 273 dBr	n					
2 N	T	2,458	8 26 GHz	-32.528 dBr	n					Freq Offs
4					-					01
6					-			-		
8					-			_		
2 N 1 3 4 5 6 7 8 9 0 1					-					
1			-		-					
				H						



04	and the second second							Analyzer - See			
Frequency	2:10 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	LIGN AUTO	Avg Typ	SE:INT	1000		pc.	50 12	R	L	R
	DET P NNNN		Avg Hold		#Atten: 20	NO: Fast H Sain:Low	P				
Auto Tun	.305 5 GHz 1.719 dBm	Mkr1						f Offset 13 f 23.60 d		B/div	0 d
Center Fre									- 3		.0g
11.500000000 GH					-				_	-	3.60
2	-13.00 dBm				-						5.40
Start Fre											16.4 76.4
3.00000000 GH										1	36.4
Stop Fre	and the second second	Advention		-		-	and the state	-	-	-	IE 4
20.000000000 GH											56.4 56.4
CF Ste 1.70000000 GF	p 20.000 GHz is (40000 pts)	weep 29.3	s		1.0 MHz	#VBI			000 G W 1.0		
Auto Ma			TION   FO		-		×				
Freq Offse				Im	-41.719 dE	6 GHZ	19.305		1 1	N	23
0 H			_	-		-		-			4 5
-	1			+							67
				-		_		-		_	8
		-				-		-		-	10 11
		1.000									
		STATUS									ø

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台灣檢驗科技股份有限公司



### 30MHz~3GHz\_Band26\_10MHz\_QPSK\_1\_0\_MidCH26740

RL	sectrum Analyzer - Sie					o di 🗳
	10 <sup>1</sup> 50 Ω		Trig: Free Run	Avg Type: Log-Pwr Avg/Hold: 1/1	09:06:45 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Frequency
		PNO: Fast IFGain:Low	#Atten: 20 dB	2010/02/2017/02	2 2.444 22 GHz	
) dB/div	Auto Tune					
3.6		1				Center Free
-						1.515000000 GH
40						
6.4	_				-13.00 dBm	
6.4					-2	Start Free 30.000000 MH
6.4					<b>♦</b> <sup>-</sup>	30.00000 mm
E.4		1	in the second sector	La contraction of the second	lan anna anna	
5.4	the subject of the second s	National Americanian	Contraction and the second			Stop Fre 3.000000000 GH
6.4	_				· · · · · · · · · · · · · · · · · · ·	3.00000000 GH
tart 30 l					Stop 3.000 GHz	CF Ste
	1.0 MHz	#V	BW 1.0 MHz	Sweep 5.3	33 ms (40000 pts)	297.000000 MH Auto Ma
Res MADE	1000	814 84 MHz		INCTION FUNCTION WOTH	FUNCTION WALLE	Auto Mar
1 N		814,84 MHz 2,444 22 GHz	26.746 dBm -36.962 dBm	INCTION FUNCTION WOTH	FUNCTION WALKE	-
2 2010 M		x 814.84 MHz 2.444 22 GHz	26.746 dBm	INCTION FUNCTION WOTH	FUNKTION WALLE	Freq Offse
2 000000000000000000000000000000000000		X 814.84 MHz 2.444 22 GHz	26.746 dBm	INCTION FUNCTION WOTH	FUNCTION WALLE	Freq Offse
20000000 1 N 2 N 3 4 5 6 7		× 814.84 MHz 2.444 22 GHz	26.746 dBm	INCTION FUNCTION WOTH	FUNCTION VALUE	Freq Offse 0 H
2 N 3 N 4 5 6 7 8 9		814.84 MHz 2.444 22 GHz	26.746 dBm	INCTION FUNCTION WOTH	FUNCTION MALVE	Freq Offse
20 02/01/20 00 1 N 2 N 3 4 5 5 6 7 7 8		814.84 MHz 2.444 22 GHz	26.746 dBm	RICTION FUNCTION WIDTH	FUNCTION VALUE -	Freq Offse

### 3GHz~10GHz\_Band26\_10MHz\_QPSK\_1\_0\_MidCH26740

Keysight Spectrum Analyzer - Swept R.L. 107 50 G					0 2 2			
RL 10 50 D	PNO: Fast	Trig: Free Run #Atten: 20 dB	Avg Type: Log-Pwr Avg Hold: 1/1	09:07:22 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency			
IFGaint.Cov #Atten: 20 dB 0007 ANANT 10 dB/div Ref 23.00 dBm - 41.917 GBm								
80					Center Fre 11.500000000 GH			
40				-13.00 dBn	Start Fre 3.000000000 GH			
					Stop Fre 20.000000000 GH			
art 3.000 GHz Res BW 1.0 MHz		1.0 MHz		Stop 20.000 GHz 33 ms (40000 pts)	CF Ste 1.70000000 GH Auto Ma			
	x 19.791 7 GHz	-41.917 dBm	ICTION FUNCTION WOTH	FUNCTION MALUE	Freq Offse 0 H			

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# 30MHz~3GHz\_Band30\_5MHz\_QPSK\_1\_0\_LowCH27685

	afyzar - Swept SA								
RL RF	SB Q DC	SENSE:INT	Avg Type: Log-Pwr Avg/Hold: 1/1	03:43:33 PM Aug 20, 2018 TRACE 1 2 3 4 5 6 TUPE M WWWWW	Frequency				
	IFGain:Low	#Atten: 20 dB		DET P NNNNN	Auto Tun				
Ref Offset 4.1 dB Mkr2 2.685 25 GHz 10 dB/div Ref 14.10 dBm -52.395 dBm									
9g			1						
10					Center Fre 1.515000000 GH				
90					1.515000000 GH				
5.9	Q			1 S S					
6.9					Start Fre				
5.9				2 40.00 apr	30.000000 MH				
5.9									
5.9	ومتبع الأبادية المحد والشاشات	and the second secon	A NUMBER OF TAXABLE AND	and the second se	Stop Fre				
5.9					3.00000000 GH				
tart 30 MHz				Stop 3.000 GHz	CF Ste				
Res BW 1.0 M	Hz #VE	W 1.0 MHz	Sweep 5.3	333 ms (40000 pts)	297.000000 MH				
NE 140102 1182 1000	×		NCTION FUNCTION WOTH	FUNCTION VALUE	Auto Ma				
	2.305 60 GHz 2.685 25 GHz	25.328 dBm -62.395 dBm			1 Joseph Contractory				
3 4					Freq Offse				
5					0 H				
6					1				
8									
9									
9				······································					

### 3GHz~20GHz\_Band30\_5MHz\_QPSK\_1\_0\_LowCH27685

o 4 🛍	un and and a start of the		and states and shares		a to be a second second			1 Analyzer - S		
Frequency	H Aug 20, 2018 DE 1 2 3 4 5 6 PE NWWWW ET P NNNNN	TRAC	ALIGN AUTO	A	Trig: Free Run	PNO: Fast *		9 501	-	RL
Auto Tuni	4 2 GHz 22 dBm	1 18.85	Mkr	25	#Atten: 10 dB	FGain:Low	4.1 dB	of Offset 1 ef 10.00		dB/div
Center Free 11.500000000 GH										00
Start Fre 3.000000000 GH	4n ng atom									0
Stop Fre 20.000000000 GH				******	an the time of the second s	****		بالندي والأل		
CF Ste 1.700000000 GF Auto Ma	.000 GHz 0000 pts)	.33 ms (4	Sweep 29.	ELINE DOM	1.0 MHz	#VB		MHz	W 1.0	art 3. les Bi
Freq Offs 0 F					-51.022 dBm	1 2 GHz	18.85		1	N
		ł	STATUS							

### 30MHz~3GHz\_Band30\_5MHz\_QPSK\_1\_0\_MidCH27710

	ctrum Analyzer - 5				ALC: NO REAL PROVIDENCES			Service Concernses of	
RL	RF 50			SENSE:INT	Avg Type: Log-F		TRA	HAug 20, 2018 CE 1 2 3 4 5 6	Frequency
		PNC	D: Fast	#Atten: 20 dB	Avg Hold: 1/1		0	ET P NNNNN	
Ref Offset 4.1 dB Mkr2 2.474 59 GHz 10 dB/div Ref 14.10 dBm -52.726 dBm									Auto Tun
og	1101 11110					11			
4.10									Center Fre
5.90									1.515000000 GH
15.9	-								2
25.9		-							Start Fre
36.9	_	+ +				1		40.00 004	30.000000 MH
45.9	_	-			in the second second				
55.9			وتواقد بينه وسيايا	In state on the Locale	Contraction of the second	1944	printer and	With the local division of	Stop Fre
65.9						-			3.000000000 GH
75.9		-		-	_	-			
tart 30 M	IHz						Stop 3	.000 GHz	CF Ste
Res BW	1.0 MHz		#VBW	1.0 MHz	Sweep	5.3	33 ms (4	0000 pts)	297.000000 MH
NOR MODE TR	1000	×		V.	FUNCTION FUNCTION W	ionel I	FUNCT		Auto Ma
1 N	1	2.308 05 2.474 69	GHz	25.272 dBm -52.726 dBm					
3		A.4/4 00	UII.	-04.740 00111					Freq Offse
4			-					-	01
6			-			-			2
6 7 8 9			_						
10			-						
11						_		· ·	
190						TATUS			
							1		

3GHz~20GHz\_Band30\_5MHz\_QPSK\_1\_0\_MidCH27710

0 0	3:52:14 PM Aug 20, 2018	A TISK AUTO		SECONT			DC DC	Story - See	Spectrum A	rysight
Frequency	TRACE 1 2 3 4 5 6 TIPE NWWWW DET P NNNNN	Log-Pwr	Avg Tr Avg Ho	Run	Trig: Free	NO: Fast -+		1.00.00		1
Auto Tur	9.820 2 GHz	Mkr1	100550	0 dB	#Atten: 10	Sain:Low	IFI 1 dB	Offset 14		
	-50.602 dBm						Bm	10.00 c	Re	B/div
Center Fr 11.50000000 G										
Start Fre	-40.00			_						F
3.000000000 G	•								_	
Stop Fr		-	-					Number of Street	-	-
20.000000000 G										
CF St 1.700000000 G	top 20.000 GHz ms (40000 pts)	weep 29.			1.0 MHz	#VBV	a .		000 GH	
Auto M	FUNCTION VALUE	CTION WOTH	ICTION	lm	-50.602 dE	2 CH 7	19.820			N
Freq Offs 0				200			19.020		-	
		STATUS			H		_			

### 30MHz~3GHz\_Band30\_5MHz\_QPSK\_1\_0\_HighCH27735

0 0 6									n Anafyzer - :		
Frequency	CE 1 2 3 4 5 6	TRAC	og-Pwr	Avg Type	NSE:INT	1 200 200		n pc	U 50	-	
Auto Tune	ET P NNNN	Di	1	Avg Hold:	e Run 20 dB	#Atten: 2	PNO: Fast ~ IFGain:Low				
	88 GHz 20 dBm	-52.7	Mkr2					1.1 dB	of Offset	R	B/div
Center Fre			1			1					
1.515000000 GH					-	-					_
		1 1			-	1	-	1			
Start Fre 30.000000 MH	40.00.044										
30.00000 mi						-		-			-
Stop Fre			tion in the	-	-			-	- Internation	-	-
3.00000000 GH				_							-
CF Ste	3.000 GHz		1000	11 - 11 - 11 - 11 - 11 - 11 - 11 - 11		-Shanner and	-	- C.*		MH	
297.000000 Mi Auto Mi	0000 pts)	33 ms (4				N 1.0 MHz	#VB		MHz	N 1.0	
	on water	FUNCT	SAWOIH	CTION FOR	Bm	25.315 d	67 GHz 88 GHz	2.310			NN
Freq Offs						-02.720.0	ee one	2.017	-	-	
U.		2								-	
							_		-		-
					-		-		-	-	-
	-			-		H.					-
			STATUS								

### 3GHz~20GHz\_Band30\_5MHz\_QPSK\_1\_0\_HighCH27735

	03-53:13 PM Aug 20, 2018	ALTON AUTO		SENS		DC DC	Analyzer - See	pectrum	sight
Frequency	TRACE 1 2 3 4 5 6 TIPE NWWWW DET P NNNNN	Avg Type: Log-Pwr Avg Hold: 1/1		Trig: Free I	0: Fast	P	210.54	-	-
Auto Tune Center Frec 11.50000000 GHz	0 dB/div Ref 015et 14.1 dB Mkr1 19.320 0 GH								
									-
Start Fre 3.000000000 GF	40.00 1 <sup>-11</sup>								
	a designation of the local distance		ni <del>n Vite</del>	, ,	-	-		-	-
Stop Fre 20.00000000 GH CF Ste 1.70000000 GH	Stop 20.000 GHz 33 ms (40000 pts)			1.0 MHz	#VBW		MHz	100 G V 1.0	s Bl
20.00000000 GH	33 ms (40000 pts)	Sweep 29.	FUNCT	1.0 MHz		× 19.320	MHz		s Bl
20.00000000 GH CF Ste 1.70000000 GH	33 ms (40000 pts)		FUNCT	T.			MHz	V 1.0	s Bl
20.00000000 GH CF Ste 1.700000000 GH <u>Auto</u> Ma Freq Offs	33 ms (40000 pts)		FUNCT	T.			MHz	V 1.0	s Bl

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台灣檢驗科技股份有限公司

# 30MHz~3GHz\_Band30\_10MHz\_QPSK\_1\_0\_MidCH27710

							nam Analyzer - 1			
Frequency	03:94:47 PN Aug 20, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	1990	SEN			RF 50			
1000000	DET P NNNN	Hold: 1/1	8	PNO: Fast Trig: Free Run IFGain:Low #Atten: 20 dB						
Auto Tune	Ref Offset 4.1 dB Mkr2 2.522 86 GHz 10 dB/div Ref 14.10 dBm -52.966 dBm									
		1								
Center Fre 1.515000000 GH										
1.515000000 6										
Start Fre					-	-	-			
30.00000 MH			-		-	-	-	_		
14	<b>*</b>					-				
Stop Fre		Antipersonal Antiperson		100.000	diament of	-	the second	district.		
Stop Fre 3.000000000 GP	antificiti de contratante	antificantes vice		nin dia	(Asign and	y interior	-	dately t		
3.000000000 GH	Stop 3.000 GHz					<b>Historice</b>		t 30 M		
3.000000000 GH CF Ste 297.000000 MH	33 ms (40000 pts)			1.0 MHz			.0 MHz	S BW 1		
3.000000000 GH	33 ms (40000 pts)	Sweep 5.3	FUNCTI	1.0 MHz	#VB\	2,305	.0 MHz			
3.000000000 GF CF Ste 297.000000 MF <u>Auto</u> M:	33 ms (40000 pts)		Function			2,305	.0 MHz	SBW 1		
3.000000000 GH CF Ste 297.000000 MH	33 ms (40000 pts)		Function	1.0 MHz	#VB\	2,305	.0 MHz	SBW 1		
3.00000000 GH 297.000000 MH <u>Auto</u> Mi Freq Offs	33 ms (40000 pts)		Function	1.0 MHz	#VB\	2,305	.0 MHz	SBW 1		
3.00000000 GH 297.000000 MH <u>Auto</u> Mi Freq Offs	33 ms (40000 pts)		Function	1.0 MHz	#VB\	2,305	.0 MHz	SBW 1		
3.00000000 GH 297.000000 MH <u>Auto</u> Mi Freq Offs	33 ms (40000 pts)		Function	1.0 MHz	#VB\	2,305	.0 MHz	SBW 1		
3.00000000 GH 297.000000 MH <u>Auto</u> Mi Freq Offs	33 ms (40000 pts)		Function	1.0 MHz	#VB\	2,305	.0 MHz	SBW 1		
3.00000000 GH 297.000000 MH <u>Auto</u> Mi Freq Offs	33 ms (40000 pts)		Function	1.0 MHz	#VB\	2,305	.0 MHz	SBW 1		

# 3GHz~20GHz\_Band30\_10MHz\_QPSK\_1\_0\_MidCH27710

0 0	1:49:37 PM Aug 20, 2018	ALIGN AUTO		SENSE INT			yzer - Swept	RU RU	t Spect		R
Frequency	TRACE 1 2 3 4 5 6 TYPE NWWWW	Log-Pwr	Avg Ty Avg He	Trig: Free Run	ast ++		20.14	NP.	-	-	
Auto Tune	9.797 3 GHz	cha).		#Atten: 10 dB	Low	IFGain:	Tset 14.1	Perf O			
	-50.470 dBm	1005001					0.00 dE			B/div	0 d
Center Fre 11.500000000 GR						_					0.00
Start Fre	-40.00 cm										20.0 30.0
	T.m.	ant an inte		But Blacks and sales		ula martine	-	-	-		50.0
Stop Fr 20.000000000 G											0.0
CF St 1.700000000 G	op 20.000 GHz ms (40000 pts)			1.0 MHz	#VBW		łz	GHz			ta
Auto M	FUNCTION VALUE	STORN MOTO	INCTION			×		SCL		MIC	E.
Freq Offs				-50.470 dBm	iz	19.797 3 GH		1		N	2345
	1				-					_	4 5 6 7 8 9
				н.							10
		STATUS									50

30MHz~3GHz\_Band38\_5MHz\_QPSK\_1\_0\_LowCH37775

RL RF 50 0		SENSE INT	17		Eren unneu				
RL RF 50 G	PNO: Fast		Avg Type: Log-Pwr Avg Hold: 1/1	10:25:03 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE N NNNN DET P N NNNN	Frequency				
Ref Offset 14.1 dB Mkr2 2.426 33 GHz									
0 dB/div Ref 24.10 c			0.07669	-34.497 dBm					
14.1				1	Center Fre 1.515000000 GH				
90				-13.00 dBn					
5.9				¢ <sup>2</sup>	Start Fre 30.000000 MF				
5.9 5.9 5.9	and the second secon			Level Vice manager	Stop Fre 3.000000000 Gi				
art 30 MHz les BW 1.0 MHz	#VBI	W 1.0 MHz	Sweep 5.3	Stop 3.000 GHz 333 ms (40000 pts)	CF Sto 297.000000 M				
MOLCE THE BOOL	×		UNCTION FUNCTION WORTH	FUNCTION WALKE	Auto Ma				
1 N f 2 N f 3 4 5	2.570 60 GHz 2.426 33 GHz	28.127 dBm -34.497 dBm			Freq Offs 0 F				
6 7 8 9 0									
0		10		·					
0			STATUS	1					

### 3GHz~20GHz\_Band38\_5MHz\_QPSK\_1\_0\_LowCH37775

Erennenau	and the end of the state of the s							nafyzer - Sw			
Frequency	10:25:29 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE N WWWWW	ALIGN AUTO	Avg	SENSE: INT	],	NO: Fast	pc	50.0	RF		R
Auto Tune	DET PNNNNN	179477 <i>8</i> 0				Gain:Low	IF				
	19.917 5 GHz -40.953 dBm	Mkr1					1 dB IBm	Offset 14 24.10	Ref	B/div	D di
Center Fre			_							-	4.1
11.50000000 GF		-	-		+	-	-		-	-	1.10
	-13.00 dBn										5.9
Start Fre 3.000000000 GH									_		5.9
		1		-5	+		1				36.9
Stop Fre	and the second se		-		***	Main Sportlaund	-	-	-	-	5.9
20.00000000 GH											95.9 (6.9
CF Ste	Stop 20.000 GHz									t 3.00	
1.70000000 GH Auto Ma	33 ms (40000 pts)	Sweep 29.3	THE PLATE		V 1.	#VBW	×	IHZ	_	s BW	-
			Sance I read	3 dBm	-40	5 GHz	19.917		1	N	1
Freq Offs				_		_		_			3
0,											5
			_								78
	3			_						-	23456789011
		-							+ +	-	
		STATUS									

### 30MHz~3GHz\_Band38\_5MHz\_QPSK\_1\_0\_MidCH38000

	ectrum Analyzer -			Contraction in the		an a			0 0 4
RL	RF 5	B D DC	NO: Fast *	Trig: Free Rur	Avi	Type: Log-Pwr Hold: 1/1	TRA	M Aug 21, 2018 2E 1 2 3 4 5 6 PE M WWWW ET P N N N N	Frequency
		IF	Gain:Low	#Atten: 20 dB	200				
0 dB/div	Ref Offset Ref 24.1					Mkr		50 GHz 27 dBm	Auto Tune
14 1							1		-
1 10									Center Fre 1.515000000 GH
590									1.515000000 GH
5.9	-				-			-13.00 dBn	
5.9									Start Fre
36.9							♦ <sup>2</sup>		30.00000 MH
45.9						- 5. CONS.	L. Lal		
and be		and the second street of th	- and a state	A STATE OF THE OWNER	the log of	and the second se			Stop Fre
55.9									3.000000000 GH
00.9									
tart 30 P	MHz 1.0 MHz	10°	#VB	W 1.0 MHz	336	Sweep 5.	Stop 3	.000 GHz	CF Step 297.000000 MH
NO MOIO		_		VV 1.0 IVIT12	COLUMN TWO IS NOT	Sweep 5.			Auto Ma
1 N	t	2.593	10 GHz	27.241 dBm	PONCTION		Porton	on made	
2 N 3 4 5 6 7 8 9 9	1	2.402 (	50 GHz	-36.527 dBm		-			Freq Offse
4			-						0 H
6									2
8			-						
9									
11								-	

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### 3GHz~20GHz\_Band38\_5MHz\_QPSK\_1\_0\_MidCH38000

0.0								Analyzer - Sive		
Frequency	29 AN Aug 21, 2018 TRACE 1 2 3 4 5 6	og-Pwr TP	vg Type: Log-Pw		SEN	_	pc	F 50 R	RI	L
0.000000	DET P NNNNN	2	g Hold: 1/1		#Atten: 20	O: Fast				
Auto Tur	957 9 GHz 1.488 dBm		MH					f Offset 14.		B
Center Fre										1
11.500000000 GH										
	-13.00 dBm									ł
Start Fre	13.00 0.00			-						ŧ
3.000000000 GH	.1									8
	and the second second	and the second second						all ule and		
Stop Fre 20.00000000 GH							-			F
20.00000000 GP			_		-					9
CF Ste 1.70000000 GH	20.000 GHz	Stop 2 ep 29.33 ms	Swaan		1.0 MHz	#VBM			3.000 G	
Auto Ma			Energy 2	100.000	1.0 141112	**BV	×		00100100	-
					-41.488 dB	GHz	18.957			
Freq Offs								-		
01								-		
						-				
						_				
					H			-		1
		STATUS	STAT							

### 30MHz~3GHz\_Band38\_5MHz\_QPSK\_1\_0\_HighCH38225

0.0		100000000000000000000000000000000000000	and the second second					Analyzer - So			
Frequency	Aug 21, 2018	TRACE	ALIGN AUTO pe: Log-Pwr Id: 1/1	Ave	Trig: Free Run	NO: Fast		50.0	RJ		RI
Auto Tur		2 2.426	Mkr		#Atten: 20 dB	Gain:Low	IF	Offset 1-	Re	B/div	0 di
Center Fre 1.515000000 GR		1									og 14.1 4.10
Start Fre 30.000000 Mi	-13.00 dBn	2 <sup>2</sup>									5.90 5.9 5.9 6.9
Stop Fre 3.000000000 Gi		مننا المحسا					محمد الرحم من الم	مار د زند <b>اد</b> م	-	L	15.9 5.9 5.9
CF Ste 297.000000 Mi Auto M		Stop 3. 33 ms (40	Sweep 5.3		V 1.0 MHz	#VB			MHz V 1.0	s BV	Re
Freq Offs 01		2002113		POSCILON	28,299 dBm -35,545 dBm	2 GHz 1 GHz	2.615 5 2.426 1		1	NN	1 2 3 4 5 6 7
	<b>.</b> .				н.						7 9 10 11
			STATUS								50

### 3GHz~20GHz\_Band38\_5MHz\_QPSK\_1\_0\_HighCH38225

0.0		The second states of the second					n Analyzer - 1	Spectru	
Frequency	10:27:34 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	Ave	SENSE:IN		n pc	RF 50	-	L
	DET P NNNNN	Hold: 1/1	Avg	#Atten: 20 dB	PNO: Fast = IFGain:Low	-			
Auto Tu	18.936 2 GHz -41.072 dBm	Mkr					ef Offset		B/div
Center Fr									
11.500000000 G		_			-	_			-
	-13.00 dBn		-		-	-			-
Start Fre									
3.000000000 G	<b>▲</b> 1								
	Company and	and the second							-
Stop Fr 20.000000000 G						-			1
		-			-	-	-		
CF St 1.700000000 G	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.	3.6	1.0 MHz	#VB	100 	Hz MHz	000 0 N 1.0	
Auto M	EUNITION VALUE	FUNCTIONIWOTH	FUNCTION			X			N
Freq Offs				-41.072 dBm	36 2 GHz	18.93	-	-	N
01					-		-	-	_
3					-		-	-	-
					_			-	_
					-		-	-	-
	2.0			н					
		STATUS							

30MHz~3GHz\_Band38\_10MHz\_QPSK\_1\_0\_LowCH37800

-0- di 🖌			ALTEN AUTO		SENSE IN			Analyzer - Si	pectrum		RI
Frequency	E 1 2 3 4 5 6 E NWWWWW T P NNNN	TRAC	/pe: Log-Pwr id: 1/1	10 - 3	Trig: Free Run	PNO: Fast		50.0	10	-	*1
Auto Tur	48 GHz	2 2.426	Mkr	6.1 2 2	#Atten: 20 dB	IFGain:Low	4.1 dB	Offset 1			
		-35.0					dBm	24.10	Re	B/div	0 dE
Center Fre											14.1
	-13.00 dBm					_	-		_	-	90
Start Fre 30.000000 MH		2									5.9
Stop Fre		Lul m									6.9 15.9
3.000000000 GI											5.9 5.9
CF Ste 297.000000 M		Stop 3. 33 ms (4	Sweep 5.3	27	1.0 MHz	#VBV		MHz	MHz V 1.0		
Auto Ma	N WALLE	EUNOTIO	INCOMPANIES IN	FUNCTIO	Y		×		THE SOU	20000	ori I
Freq Offs					28.188 dBm 35.021 dBm	82 GHz 48 GHz	2.570 2.426		1	NN	1 2 3 4
2						-					5 6 7 8
										-	9
-									1	-	-
			STATUS								0

### 3GHz~20GHz\_Band38\_10MHz\_QPSK\_1\_0\_LowCH37800

	and the second second second	The second states in the second		1000 Contract (1000)	1.12		Analyzer - So		
Frequency	10:20:47 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	Avg	Trig: Free Run		pc	50.0	RF	RL .
	DET P NNNN	1010: 1/1	×v9i	#Atten: 20 dB	0: Fast	PN			
Auto Tur	19.261 8 GHz -40.272 dBm	Mkr1					Offset 14		B/div
Center Fre									
11.50000000 GH						-			
	-13.00 dBn		-						
Start Fre 3.000000000 GH			_						
	<b>+</b> '					5 x 40 x 2			
Stop Fre	and the second s							والعالي	-
20.00000000 GH									-
CF Ste 1.70000000 GF	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.	11	1.0 MHz	#VBW			000 GH N 1.0 M	
Auto Ma	FUNCTION WALUE	FUNCTION WOTH	FUNCTION	Y.		×		TRC SCI	
Freq Offs				40.272 dBm	GHZ	19.261 8	_	1	N
01			_				-	-	
7							-		_
					_				
	·								
	and a second	STATUS							

### 30MHz~3GHz\_Band38\_10MHz\_QPSK\_1\_0\_MidCH38000

0.0	and a second second				-			100	eSA.	ulyzer - Swee	ictrum A	
Frequency	Aug 21, 2018		10:21	LTGN AUTO		SE:INT	SE		DC	50 12	RF	L
	T P NNNNN	TYPE		Log-Pwr 1/1	Avg Typ Avg Hol		Trig: Free #Atten: 2	NO: Fast	PI			
Auto Tur	61 GHz 34 dBm	80 ( 6.98	2 2.4	Mkr						offset 14. 24.10 d		B/div
-		1										
Center Fre 1.515000000 Gi												
1.515000000 G							1					
<i>6</i>	-13.00 dBm											
Start Fre												
30.000000 Mi			A2								-	
		1	1	16 10	-						-	
Stop Fre		-	-		- Contraction	-	desire the			-		4.00
3.000000000 GI					-							
		-	-								-	-
CF Ste 297.000000 Mi	000 GHz	op 3. s (40	Sto 33 m	/eep 5.3			1.0 MHz	#VBW		Hz	/Hz 1.0 N	t 30 s BW
Auto Mi	N WALUE	INCLUS	FU	IDRIW OR	CTION E		The second s		x		6 500 I	20102
C. Loss and C. Correct			-			m	27.218 di -36.984 di	0 GHz	2.590 8		1	NN
Freq Offs			_			an			2.400 0		-	
01	-		-		-	-						
-			_		-	-		-				-
			-			-						
			-		-	-	10	_			-	-
				STATUS								

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# 3GHz~20GHz\_Band38\_10MHz\_QPSK\_1\_0\_MidCH38000

								Analyzer - See		
Frequency	TRACE 1 2 3 4 5 6	Log-Pwr	Avg Type Avg Hold	SE:INT				50 (2	RF	L
Auto Tur	DET P NNNNN	261	Avginoid.	dB	#Atten: 2	NO: Fast 🔸 Sain:Low				
	.014 8 GHz 0.926 dBm	MKr1						Offset 14		B/div
Center Fre										
11.500000000 GH			-				-			-
6	-13.00 dBm				_				_	
Start Fre 3.000000000 GH										
3.000000000										
Stop Fre	and the second second		-			Alleringer	-	-	-	-
20.00000000 G										
CF Ste	p 20.000 GHz	1000 20 2			1.0 MHz	#1/014			000 GH	
Auto Ma			CHON FOR	EU	1.0 10112	#VBW	×		Inclusion	-
1000-00000000				Im	-40.926 dE	8 GHz	19.014		1	N
Freq Offs 01										
			_	-		_				
			_	-		_			_	
	- E							-		

### 30MHz~3GHz\_Band38\_10MHz\_QPSK\_1\_0\_HighCH38200

Keysight Spectrum Analyzer - So					-co- di 🕰
RL 10 50 0	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg/Hold: 1/1	10:23:37 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE M	Frequency
Ref Offset 1 dB/div Ref 24.10	IFGain:Low	#Atten: 20 dB	2000.000000000	2 2.426 18 GHz -36.262 dBm	Auto Tun
<b>29</b> 4.1 10				1	Center Fre 1.515000000 GH
90 5 9 5 9 5 9				-13.00 dBn	Start Fre 30.000000 MF
5.9 5.9 5.9	A STATE OF STATE				Stop Fre 3.000000000 GF
art 30 MHz Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 5.3	Stop 3.000 GHz 333 ms (40000 pts)	CF Ste 297.000000 Mi Auto Ma
1 N f 3 N f 4 6 6	2.610 85 GHz 2.426 18 GHz	27.223 dBm -36.262 dBm			Freq Offs 0 F
8 9 10					

# 3GHz~20GHz\_Band38\_10MHz\_QPSK\_1\_0\_HighCH38200

	sectrum Analyzer - Son			100 000 000 000 000 000 000 000 000 000	netti se a nacionali su seg	0.0
RL	RF 50 D	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 1/1	10:23:57 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency
	Ref Offset 14		#Atten: 20 dB	Mkr	1 19.036 5 GHz -41.447 dBm	Auto Tun
0 dB/div	Ref 24.10 c	IBm			-41.447 dBm	
4.10						Center Fre
5.90				_	-13.00 dBm	
25.9						Start Fre 3.000000000 G
55.9					Stop 20.000 GHz .33 ms (40000 pts)	Stop Fr 20.000000000 G CF Sto
						1 700000000 C
	1.0 MHz	#VE	3W 1.0 MHz			1.70000000 GI Auto M
2 1 N 2 3 4		#VE 19.036 5 GHz		Sweep 29		Auto M
25 120005 10 1 N 2 3		x				
228 120008 10 2 3 4 5 6 7 8		x				Auto M

30MHz~3GHz\_Band38\_15MHz\_QPSK\_1\_0\_LowCH37825

0 0	Aug 21, 2018		ALTEN AUTO		SENSE D		pt SA	włyzer - 5we 50 G	trum An		R R
Frequency		TRAC	pe: Log-Pwr Id: 1/1	A	rig: Free Run	D: Fast -+		20.14	10		n
Auto Tur	66 GHz		Mkr	0 283	Atten: 20 dB	in:Low	IFC				_
	30 dBm							24.10 c		3/div	
Center Fre		1								1	og
1.515000000 Gi			_							-	1.10
	-13.00 dBm		_						-		90
Start Fre	-13.00 (4.11)			_					-	_	5.5
30.00000 Mi		2							-	-	25.9
		عبا لند [									6.9
Stop Fre		12 m				المجترجات المت	والمحد والمنبي	, an it with the	-	-	0.9
3.000000000 G			_							_	6.9
CF Ste	000 GHz	Stop 3				5107 MIN			Hz	t 30 N	tar
297.000000 Mi Auto Mi	0000 pts)	33 ms (4	Sweep 5.3		0 MHz	#VBW		Hz	1.0 M	s BW	Re
Auto mi	N WALKE	EUNOTO	UNCTORINGTE	FUNCTION	8.128 dBm	GHA	2.571 0		1500	N	1
Freq Offs					5.630 dBm	GHz	2.425 6		Ť	N	23
01						-					4
1						-			$\left  \right $	-	6
						_					8
											10
					H.						
		1	STATUS								0

### 3GHz~20GHz\_Band38\_15MHz\_QPSK\_1\_0\_LowCH37825

	ectrum Analyzer - 5				and the second second second second	io 4	
RL	RF 50	n pc	SENSE:INT	Auton Auto Avg Type: Log-Pwr	10:17:10 AN Aug 21, 2018 TRACE 1 2 3 4 5 6	Frequency	
		PNO: Fast IFGain:Low	#Atten: 20 dB	Avg Hold: 1/1	DET P NNNNN		
) dB/div	Ref Offset 1 Ref 24.10	4.1 dB dBm		Mkr	1 19.827 4 GHz -40.826 dBm	Auto Tun	
4.1						Center Fre	
90					-13.00 dBn		
5.9					1	Start Fre 3.000000000 GH	
9	-	-		A COLORIDA COLORIDA		Stop Fre	
1.9						20.000000000 GH	
	00 GHz 1.0 MHz		BW 1.0 MHz	Sweep 29	Stop 20.000 GHz .33 ms (40000 pts)	CF Sto 1.700000000 GI Auto M	
N	1	× 19.827 4 GHz	-40,826 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE		
2 3 4 5 6 7 7 8						Freq Offs 0 F	
			H.		1.1		
				STATUS			

### 30MHz~3GHz\_Band38\_15MHz\_QPSK\_1\_0\_MidCH38000

	ectrum Analy	anr - Swept S	la.									0 0 2
RL	RF	50 12 D	ic [		SER	st::INT		ALIGN AUTO	10:1		Aug 21, 2018	Frequency
				NO: Fast Gain:Low	Trig: Free #Atten: 20		Avg Type Avg Hold	Log-Pwr 1/1		THAC TYP DE	123456 NWWW PNNNNN	
) dB/div		set 14.1 c 1.10 dB					Mkr			26 GHz 22 dBm	Auto Tune	
41					2					1		
201 I.												Center Fre
.10									1			1.515000000 GH
90	-	-			-		-		-		-13.00 dBm	0
5.9	_						-					Start Fre
5.9		-					-		2-			30.000000 MH
5.9	_							-	Y	1		
5.9		und as he is a			a deside as h	1		and the sector		-	a bearly a substant	1000000000
5.9												Stop Fre
6.9	_								-			3.00000000 GH
tart 30 f	MHz			·					Ste	DD 3.	000 GHz	CF Ste
Res BW	1.0 MH	z		#VBW	1.0 MHz		S	weep 5.3	333 m	IS (41	0000 pts)	297.000000 MH
OF MODES I	10 100 I		x		Ť.		NCTION FUR	CIONWOIN		UNCTED	NWALUE -	Auto Ma
1 N 2 N	1		2.588 5	7 GHz 6 GHz	28.483 dB	m				_		1
2 N 3 4 5 6 7 7 8 9 9 0 1									-		-	Freq Offse
5				-		-						0 H
6				_		_						7
8									-			
9												
1						-			_			
-					10					_	- 1 min	
2								STATUS	1			

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台灣檢驗科技股份有限公司



# 3GHz~20GHz\_Band38\_15MHz\_QPSK\_1\_0\_MidCH38000

0.4										ight Spectrum	
Frequency	8 AM Aug 21, 2018 RACE 1 2 3 4 5 6	TRA	Log-Pwr		SE:INT	10000000000	-	pc	50.0	RJ	RL
	DET P NNNN	0	1/1	Avg Hold	Run 0 dB	#Atten: 20	O: Fast				
Auto Tun	38 8 GHz 371 dBm		Mkr						Offset 14.		B
Center Fre											ľ
11.500000000 GH	-	-									ŀ
-	-13.00 dBm			-						_	ł
Start Fre											F
3.00000000 GH	A1										t
	-			manue			and the second second		-		
Stop Fr 20.00000000 G											f
CF Ste	20.000 GHz	Stop 20								3.000 G	
1.700000000 GI Auto M	(40000 pts)		weep 29.			1.0 MHz	#VBW	×		BW 1.01	-
	100000	Porest	en sa wienin	100		-41.371 dE	3 GHz	19.238		N 1	
Freq Offs 01					-		-				
-	1			_	-						
				_	-						
				_	-		_				-
				-	+	H			1		
		5	STATUS								

### 30MHz~3GHz\_Band38\_15MHz\_QPSK\_1\_0\_HighCH38175

0.0									Analyzer - S		
Frequency	Aug 21, 2018	TRAC	ype: Log-Pwr old: 1/1	Av	SENSE:INT	1.000	PNO: Fast		50	RJ	L
Auto Tur		2 2.480	Mkr		n: 20 dB	#Atten	FGain:Low	1F 4.1 dB	Offset 1 24.10		B/div
Center Fre 1.515000000 GH		1									
Start Fre 30.000000 MH	-13.00 dBn										
Stop Fre 3.000000000 GH	****	سألده	ang balangi sini						ن <u>مک</u> تل		-
CF Ste 297.000000 Mi Auto Mi	000 GHz 0000 pts)	33 ms (40	Sweep 5.3	C189/71009		W 1.0 MH	#VB			MHz / 1.0 I	s BV
Freq Offs 0 F	_				0 dBm	27 320 -36.992	09 GHz 16 GHz	2.606 (		1	NN
			STATUS								

# 3GHz~20GHz\_Band38\_15MHz\_QPSK\_1\_0\_HighCH38175

PRO: Fast         Trig: Free Run Breater: 20 dB         Avg Type: Log-Par AvgHold: VI AvgHold: VI Del/div         Trice: Free Run Del/div         Free Run Del/div         Free Run Del/div         Free Run Del/div         Free Run Del/div         Mkr1 18.747 5 GHz -41.392 dBm         Auto Tur Del/div           Ref Offset 14.1 dB         Mkr1 18.747 5 GHz -41.392 dBm         Mkr1 18.747 5 GHz -41.392 dBm         Auto Tur Del/div         Center Fre 11.50000000 GH           Stop Fre Solution         Stop 20.000 GHz Ref Solution         Stop Fre 20.0000000 GHz Stop 70.000 GHz         Stop Fre 20.0000000 GHz         Stop Fre 20.0000000 GHz           Stop Root Hight         The Auto Tur Hight         Stop 20.000 GHz Ref Solution         Stop Fre 20.0000000 GHz         Stop Fre 20.0000000 GHz           N         T         18.747 S GHz         41.392 dBm         Free Offse Center Fre 1.50000000 GHz         Free Offse Center Fre 1.50000000 GHz           Stop 20.000 GHz         Stop 20.000 GHz         Free Offse Center Free 1.50000000 GHz         Free Offse Center Free 1.50000000 GHz         Free Offse Center Free 1.50000000 GHz           Stop 20.000 GHz         Stop 20.000 GHz         Free Offse Center Free 1.50000000 GHz         Free Offse Center Free 1.50000000 GHz         Free Offse Center Free 1.50000000 GHz		pht Spe		dyzer - Swe				1000	and the second second second	and the second state	and the second second second	o di 🛍
Ref Offset 14 1 0B         Mkr1 18.747 5 GHz         Auto Tur           0 dB/dr. Ref 24.10 0Bm         -41.392 dBm         -41.392 dBm         Center Fr           1	RL		RF	50 (2				3300 3	Avg Type: Log-Py	WF TH	RACE 1 2 3 4 5 6	Frequency
Bef Offset 14.1 dB         Mikit 18.74/3 Step           0         41.32 dBm           0         41.32 dBm           0							#Atten: 20 c	iB i	Avg Hold: 1/1		DET PNNNNN	Auto Tun
Image: state 1         Image:	10 dB/c	div							м			
10	14.1											Center Fre
50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           50         .100000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000         .1000000           1000000	4.10		_		-	-				-	-	11.500000000 GH
1         1         1         30000000 GHz           20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         <	5.90						-	-			-13.00 dBm	
0         1         30000000 G           0         1         1         1           0         1         1         1         1           0         1         1         1         1         1           0         1         1         1         1         1         1           0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1										-		Start Fre
Stop Frr         Stop Frr         Stop Frr         Stop Stop Stop Stop Stop Stop Stop Stop	36.9										A1	3.000000000 GH
Solution         Stop         Constraint         Stop         Constraint	15.9	-	-	-		-		-	Anter Constant	-		Oton Fra
Attra 1.000         CF 5tr.           Res BW 1.0 MHz         #VBW 1.0 MHz         Sweep 29.33 ms (40000 pts)           20 000 GHz         10000000 GHz         1700000000 GHz           21 000 GHz         11.322 dBm         60000 pts)           2         1         18.747.5 GHz         41.322 dBm           2         1         18.747.5 GHz         41.322 dBm           2         1         18.747.5 GHz         41.322 dBm           3         1         1         10000000 GHz           1         1         1         1	55.9	-1				-						
Res BW 1.0 MHz         #VBW 1.0 MHz         Sweep 29.33 ms (40000 pts)         170000000 G           Ref Dide trace For an one for a formation of the f	35.9											
Carl Color (192) 2CL         A         Y         Parket Dot					0	#VB	W 1.0 MHz	.175	Sweep	Stop 2 29.33 ms	20.000 GHz (40000 pts)	1.700000000 GH
2					19.74	7.6.044	41 302 dBa		IN FUNCTION WE	DIH FUN	TION WALKE	AUTO MI
	2 3	-	1.1		10,13	/ J OITE				_		Freg Offs
	4	+	+						-	-		
9 0 0	6	-						-				2
1	8							-		-		
	10 11							-				
	* (						н			17115		

30MHz~3GHz\_Band38\_20MHz\_QPSK\_1\_0\_LowCH37850

0	Aug 21, 2018		ALTISN AUTO		SENSE IN				nalyzer - 5w 50 G	ctrum Ar		King R
Frequency	E 1 2 3 4 5 6 E NWWWW	TRAC	pe: Log-Pwr d: 1/1	Av	Free Run		PNO: Fast =	-	20.14	88		n
Auto Tun	03 GHz	2 2.426	Mkr	2033	n: 20 dB	#A	FGain:Low		Offset 14	Bell		_
	75 dBm	-34.5							24.10		B/div	
Contra Fra		1										og
Center Fre 1.515000000 Gi												4.1
1.515000000 GP												10
2	-13.00 dBm											
Start Fre							-					15.5
30.000000 MH		2-1-		_	-	-	-	-		-	-	25.9
		I.A.		-		-	-	-		-	-	36.9
Stop Fre		The second second		And the owner of the owner	-	-	-	- dilicities		-		15.9
3 00000000 GH			-								-	55.9
		-	-			-	-	-		-	-	6.9
CF Ste	000 GHz	Stop 2	_	-		_	-			111-	t 30 M	
297.000000 Mi	0000 pts)	33 ms (4	Sweep 5.3		IHz	W 1.0	#VB		IHz		s BW	
Auto Ma				FUNCTION				×			2000-10	
					4 dBm	28	34 GHz	2.571		1	N	1
Freq Offs					5 dBm	-34.	03 GHz	2.426		1	N	3
01					-		_					4
-					_						-	6
							-			+ +	-	78
		_			-							9
					-						-	10
					<u> </u>							
			STATUS									90

### 3GHz~20GHz\_Band38\_20MHz\_QPSK\_1\_0\_LowCH37850

0.0							ctrum Analyzer -	
Frequency	09:52:31 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr	Ave	SENSE:0	_	n nc	RF 5	L
	DET P NNNN	Il-GamiLow Anton: 20 0B						
Auto Tun	1 19.776 4 GHz -41.739 dBm	Mkr					Ref Offset Ref 24.1	B/div
Center Fre								-
11.500000000 GH		_			-			-
	-13.00 dBn		-				-	
Start Fre								
3.000000000 GH								-
Stop Fre	And the owner of the owner		-	-		-	-	-
20.000000000 GH							-	
						-		
1.70000000 GH	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW		0 GHz 1.0 MHz	
1.700000000 GH	33 ms (40000 pts)	Sweep 29.	FUNCTION	Y		×	1.0 MHz	s BW
1.700000000 GH Auto Ma	33 ms (40000 pts)		Euronon	1.0 MHz 41.739 dBm			1.0 MHz	s BW
1.70000000 GH Auto Ma	33 ms (40000 pts)		FUNCTION	Y			1.0 MHz	s BW
1.70000000 GH Auto Ma	33 ms (40000 pts)		FUNCTION	Y			1.0 MHz	s BW
CF Ste 1.700000000 GH <u>Auto</u> Ma Freq Offsi 0 H	33 ms (40000 pts)		RINCTION	Y			1.0 MHz	s BW
1.70000000 GH Auto Ma	33 ms (40000 pts)		FUNCTION	Y			1.0 MHz	s BW

### 30MHz~3GHz\_Band38\_20MHz\_QPSK\_1\_0\_MidCH38000

	ectrum Analyze	r - Swept SA						0 0 2
RL	RF	50 Q DC		SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr		AN Aug 21, 2018 ACE 1 2 3 4 5 6	Frequency
			PNO: Fast	#Atten: 20 dB	Avg Type: Log-Pwr Avg Hold: 1/1	1	DET P NNNNN	
) dB/div		et 14.1 dB 10 dBm					33 GHz 377 dBm	Auto Tune
41						1		
10								Center Fre 1.515000000 GH
90								1.515000000 GH
5.9		2					-13.00 dBm	-
5.9								Start Free
						* I		30.000000 MH
6.9					1 1 1 1 1 1	1.		
5.9	-	الخاصية وأجداس	-	in the state in the set of the				Stop Free
5.9								3.000000000 GH
5.9								
tart 30 I Res BW	MHz 1.0 MHz	100 1	#VB	V 1.0 MHz	Sweep 5.	Stop 333 ms (	3.000 GHz 40000 pts)	CF Ster 297.000000 MH
DE MOIOS II	10 100 I	X			UNCIRCUM FUNCTION WORK	FUNC	-	Auto Mar
1 N 2 N	1	2.5	86 34 GHz 26 33 GHz	28.214 dBm -36.377 dBm				100000000000000000000000000000000000000
2 N 3 4 5 6 7 7 8 9 9 0 1								Freq Offse 0 H
6	-							7
8								
10						-		
				10				
					STATU			

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### 3GHz~20GHz\_Band38\_20MHz\_QPSK\_1\_0\_MidCH38000

-0-4-								Analyzer - Swe		
Frequency	09:53:28 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Log-Pwr		ISE:INT	100000000000000000000000000000000000000	_	pc	F 50 G		RL
0.000000	DET P NNNN	1/1	Avg Hold	Run 0 dB	#Atten: 2	O: Fast	Ph			
Auto Tun	19.376 9 GHz -41.806 dBm	Mkr1						f Offset 14. of 24.10 d		dB
Center Fre										1
11.500000000 GH					-		-			0
	-13.00 dBm								_	•
Start Fre										9
3.000000000 GH	▲ <sup>1</sup> -									。 。
Stop Fre	-	distant and the	-	-		-	-	-	-	9
20.000000000 Gi									1	9
CF Ste	Stop 20.000 GHz 3 ms (40000 pts)				1.0 MHz	#1/D14			3.000 G	
Auto Ma		accimical			1.0 10112	#VBW	×			-
					-41.806 dE	GHz	19.376 9			
Freq Offs 01			-	-						
			-	-		-				
			_	-				-	-	9
	· · ·		-	-	10			1	-	1
		STATUS								

### 30MHz~3GHz\_Band38\_20MHz\_QPSK\_1\_0\_HighCH38150

-0- di 🖬	Aug 21, 2018	1	ALDON AUTO		SENSE IN			Analyzer - Se 50 (	pectrum	eysight !
Frequency	1 2 3 4 5 6 P NNNNN	TRACE	Type: Log-Pwr Hold: 1/1		Trig: Free Run	NO: Fast -		501		
Auto Tur		2 2.426	Mkr		#Atten: 20 dB	Gain:Low	IF			
	0 dBm							Offset 1 24.10		B/div
Center Fre		1				-				-
1.515000000 GH		-		-		-	-		-	-
5.	-13.00 dBn			_					-	
Start Fre 30.000000 MH		2								
30.00000 MP		1				-	-			_
Stop Fre		and the			and the second s	-	a mineral dates	(Indiana) is a	-	
3.000000000 GH										
CF Ste 297.000000 Mi	000 GHz		Sweep 5.3		( 1.0 MHz	#VB	- C2	WHz	MHz V 1.0	
Auto Ma		HUNRING	FUNCTION WOTH	FUNCT	The second s		×		TRC SC	
Freq Offs					27.246 dBm -36.300 dBm	34 GHz 18 GHz	2.601 3 2.426 1		1	NN
01						-			-	
3						-				
						-			-	
						-			-	_
					н.				10	
			STATUS							_

### 3GHz~20GHz\_Band38\_20MHz\_QPSK\_1\_0\_HighCH38150

0.0					and a state of				natyzer - Sv			
Frequency	N Aug 21, 2018 2E 1 2 3 4 5 6 PE N WWWWW ET P N N N N N	TRA	Type: Log-Pwr Iold: 1/1	Av	Free Run	Trig: Fre	NO: Fast -	- 10-1	50.0	RF		RL
Auto Tur	17 GHz	1 19.28	Mkr	10.3	n: 20 dB	#Atten:	Gain:Low	4.1 dB	Offset 1			
	52 aBm	-40.8						dBm	24.10	Ref	3/div	0 dE
Center Fr 11.500000000 G				-			-					14.1
11.50000000000	-13.00 dBm									_		5.90
Start Fr				-		-	-	-		-		15.9
3.000000000 G	<b>▲</b> 1											25.9
Stop Fr	-		-	-	-	-	-	-	-	-	-	15.9
20.000000000 G												55.9
CF St 1.700000000 G		Stop 20 .33 ms (4	Sweep 29	3.6	Hz	N 1.0 MH	#VB			00 GH		
1.700000000 GF Auto Ma	ON WALLE	HUNGI	FUNCTION WORTH	FUNCTION		i i	-	×		RC SOU		
Freq Offs 0					dBm	-40.852 d	7 GHz	19.28		1	N	234
									_		-	5 6 7
					-		-					8
											-	9
						10						9

30MHz~3GHz\_Band41\_5MHz\_QPSK\_1\_0\_LowCH39675

-0- Ø	N Aug 21, 2018	110-54-03 4	ALTISN AUTO						Analyzer - Se 50.0	R		R
Frequency		TRAC	e: Log-Pwr		ree Run	1.00	NO: Fast -+		1.00.0		-	
Auto Tun			167982		20 dB	#Atten:	Gain:Low					
	33 GHz 72 dBm		Mkra						Offset 14		B/div	D di
		1										og 4 1
Center Fre											-	
1.515000000 GH												1.10
2	-13.00 dDm							-				-
Start Fre		1										5.5
30.000000 MH		2				-	-					25.9
1	0.000	I A	0.00		-					-		6.9
Stop Fre		and Subsection	-	and the design	-	and the second	and distances	- distantion	- mailender			5.9
3.00000000 GH											_	5.9
		-			-		-			-		6.9
CF Ste 297.000000 MF	.000 GHz	Stop 3	weep 5.3	17	47	1.0 MH	#\/B\/	÷	147	MHz		
Auto Ma			meep 5.5		12	1.0 141		_		101800		
	or muce	PONCT	ACTION WOTH	PONCTION	dBm	28.063	0 GHz	2.496 (		1	NN	1
Freq Offs					dBm	-35.372	3 GHz	2.426 3		1	N	2
01							_					4
	-				-				-	-		6
					-		-		-	-	-	7
												9
					-					-	-	3 4 5 6 7 8 9 10
						н						1
			STATUS									0

### 3GHz~20GHz\_Band41\_5MHz\_QPSK\_1\_0\_LowCH39675

0.0	ner en						am Analyzar - So		
Frequency	10:54:29 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	ALIGN AUTO		SENSE:IN	-	pc	RF 50 C	-	R
	DET P NNNN	PNO: Fast - Trig: Free Run Avg Hold: 1/1 IFGain:Low #Atten: 20 dB							
Auto Tun	-40.666 dBm	Mkr				1 dB	Ref Offset 1- Ref 24.10	B/div	10 d
Center Fre									.og
11.500000000 GH								_	4.10
	-13.00 dBn				-		-		5.90
Start Fre									15.9
3.000000000 GH		-							36.9
Stop Fre		-	-			-	-	-	45.9
20.00000000 GH									65.9 65.9
0124272303									
CF Ste 1.70000000 GH	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW			t 3.000 s BW 1	
Auto Ma	FUNCTION WALUE	FUNCTION WOTH	HUNCTION	40.666 dBm		× 19.017 8	2003 f	N	ere i
Freq Offse				40.666 dBm	GHZ .	19.017.8	1	N	23
01					_		-	-	
									6
					_		-	-	4 6 7 8 9 10
	· ·								10
		STATUS							50

### 30MHz~3GHz\_Band41\_5MHz\_QPSK\_1\_0\_MidCH40620

0.0	A REAL PROPERTY AND A REAL			A COMPANY OF A COMPANY				22.2		rulyzer - See	ectrum a	
Frequency	Aug 21, 2018	TRACE	10:55	Log-Pwr	Avg Typ Avg Hold	Run	Trig: Free			50 Ω	RF	
Auto Tur	PNNNNN			37.82	citighter.	dB	#Atten: 2	PNO: Fast FGain:Low	IF			
Auto Tuli	12 GHz 00 dBm	6.10	2 2.4	Mkr						Offset 14		B/div
Center Fre		1										1
1.515000000 GH			-					-	-		-	-
2	-13.00 dBm											
Start Fre			200									
30.000000 MH			2									
Stop Fre		li.	يفعيب	-			te life bis on here		(			
3.000000000 GH											-	
CF Ste 297.000000 MH	000 GHz	op 3. s (40	Sto 33 m	weep 5.3			1.0 MHz	#VBW		AHz		t 30 / s BW
<u>Auto</u> Ma	NWRUE -	wende	H	HORINGE!					×		a) 100	100CE 10
Freg Offs					_	m	28.305 de	02 GHz 12 GHz	2.591 0	_	1	NN
0 F						-					+	-
	_				_	-		_			+	-
			_			-					-	-
					-	-	10.5					
				STATUS								

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# 3GHz~20GHz\_Band41\_5MHz\_QPSK\_1\_0\_MidCH40620

PNO: Fast         Trig: Free Run Recent Log         Avg Type: Log-PW Avg Type: Log-P	0 0								Analyzer - Sive		
Consect 41 dB         Mkr1 19.611 5 GHz         Auto Tune           f 24.10 dBm         -41.336 dBm         -41.336 dBm         Center Free           1	Frequency	10:55:29 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Log-Pwr	Avg Typ		100000000000000000000000000000000000000	_	pc	F 50 Ω	R	RL
Consert 41, 168         Mike 19, 611 5 GHz         Center Free           19, 611 5 GHz         41, 336 dBm         Center Free           19, 611 5 GHz         41, 336 dBm         Center Free           19, 611 5 GHz         41, 336 dBm         Center Free	0.00000	DET P NNNN	1/1	Avg Hol	Run 0 dB	#Atten: 2					
11.50000000 GH           11.50000000 GH           11.5000000 GH           11.50000000 GH           11.50000000 GH           11.5000000 GH           11.5000000 GH           11.50000000 GH           11.5000000 GH	Auto Tur	-41.336 dBm	Mkr1								dB/
11.50000000 GH          1300 eb	Center Fr										1
Start Fre         Start Fre           1000000000000000000000000000000000000											0
Hz         Stop 20.000 GHz         Stop Fre           MHz         #VBW 1.0 MHz         Sweep 29.33 ms (4000 pts)         170000000 GH           19.611 5 GHz         41.336 dBm         60740000 EF3         Adda         Adda		-13.00 dBm				-					ł
Arrows         Stop 20.000 GHz           Hz         Stop 20.000 GHz           Hz         Stop 20.000 GHz           Hz         Stop 20.000 GHz           19.611 5 GHz         -41.336 dBm											9
Hz         Stop Fre         S	3.000000000 GH										9
Hz         Stop 20.000 GHz           MHz         #VBW 1.0 MHz         Sweep 29.33 ms (40000 pts)           19.611 5 GHz         -41.336 dBm         FURNISH MARK 100 FURNISH F		A REAL PROPERTY.	and and a second					and the second second	and the state of	-	
MHz         #VBW 1.0 MHz         Sweep         29.33 ms (40000 pts)         1.70000000 GF           X         Y         FUNCTION         FUNCTION         FUNCTION         Auto         Matter           19.611 5 GHz         -41.336 dBm         FUNCTION         FUNCTION<											9
19.611.6 GHz _41.336 dBm Function Function Function Function Function Function Function Function Fire Offs		Stop 20.000 GHz	weep 29			1.0 MHz	#VBW			3.000 G BW 1.0	L
19.611 5 GHz -41.336 dBm Freq Offs					ELIS	1.0 10112		×		00100100	
						-41,336 dB	5 GHz	19.611			1
				-							
	2				-		_				-
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		1.1				н.					

### 30MHz~3GHz\_Band41\_5MHz\_QPSK\_1\_0\_HighCH41565

0 0	A SECOND REPORTS OF STREET,				at a first sea				utyzer - Sove			
Frequency	AN Aug 21, 2018	1	ALIGN AUTO Type: Log-Pwr Hold: 1/1	A	ENSE:INT	1.000		pc	50 (2	RF	-	R
Auto Tun	DET P NNNNN		0000000000	AV		#Atten: 2	NO: Fast ~ Sain:Low	P				
Auto Tun	2 15 GHz 191 dBm	r2 2.72 -39.	Mkr						ffset 14. 24.10 c		3/div	10 di
Center Fre	1					2						.og
1.515000000 GH		-		_	-	-				-	_	4.10
	-13.00 dBm	-				-					_	5.90
Start Fre 30.000000 MH												25.9
30.300000 mil	<b>♦</b> <sup>2</sup>				-	-					_	36.9
Stop Fre	-		a based on the last	-		STATISTICS.	a a La Maine - Sa	abilitation of	ale de mail		in the s	45.9
3.00000000 GH											_	65.9 65.9
CF Ste	3.000 GHz	Stop	10	1.7		Shana meri	102047	2	en.		t 30 I	
297.000000 MH Auto Ma	40000 pts)		Sweep 5.3	Contract Design		V 1.0 MHz	#VB		Hz	1.0 M	BW	
	Service -	FUN	FUNCTION WOTH	FONCTION	1Bm	26,511 d	2 GHz	2.685 6		1	N	1
Freq Offs		-				-92.121.0	o one	6.166			-	3
07	-										-	5 6 7
					-		-					7 8 9
					-		-			++	+	10 11
						н.				1. 1.		
		15	STATUS									50

### 3GHz~20GHz\_Band41\_5MHz\_QPSK\_1\_0\_HighCH41565

0.0			and the second second	_	and the second	100		am Analyzer -	ht Spect	
Frequency	5:49 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TIPE NWWWW DET P NNNNN	10:56	ype: Log-Pwr old: 1/1		Trig: Free Run	PNO: Fast	n pc	RF 50		RL
Auto Tu			10110701		#Atten: 20 dB	IFGain:Low				
Auto Tu	.753 4 GHz 1.248 dBm		Mkr					Ref Offset Ref 24.1		dB/d
Center Fr							-			4.1
11.500000000 G				_						.10
7	-13.00 dBm			-		-				90
Start Fr										5.9
3.000000000 G	▲1									5.9
	and the second second		a distant		des distantes de la composition	-	-	and the second		5.9
Stop Fr 20.00000000 G									. I	6.9
20.0000000000	-	-	-	-			-	-		6.9
CF St 1.700000000 G	p 20.000 GHz	Stop	Swaap 20	3.6	1.0 MHz	#\/B1	10	GHz 0 MHz	3.000 BW( 1	
Auto M			sweep 25	FUNCTION	1.0 10012	<b>"</b> •B	×		CHIER	
					41.248 dBm	53 4 GHz	18,7	1		1 N
Freq Offs						-			-	2 3 4
0		-				-			-	5
									-	6 7 8 9
								_	-	0
				_	H.C.		_	-	-	1
		5	STATUS							0

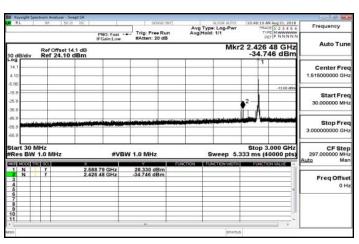
### 30MHz~3GHz\_Band41\_10MHz\_QPSK\_1\_0\_LowCH39700

-0- di 🖌			ALIGN AUTO		SENSE IN			nafyzer - Sov	ectrum Ar		Ke R
Frequency	N Aug 21, 2018 25 1 2 3 4 5 6 25 NWWWWW 27 P N N N N N	TRAC	pe: Log-Pwr Id: 1/1	1	Trig: Free Run	NO: Fast -+	pc	50.0	10		
Auto Tur	12 GHz	2 2.402	Mkr	61 78	#Atten: 20 dB	Gain:Low	iF .1 dB	Offset 14			
	27 dBm	-39.0					dBm	24.10	Ref	B/div	0 di
Center Fre		1								-	4.1
1.515000000 GH											1.10
							1				: 90
	-13.00 dBm					-	-		-		5.5
Start Fre											26.9
30.000000 MH		2									
	0.001100000	1	1 10 10 10				-		_	-	36.9
Stop Fre	distanting of	AN WINCH	- salar salar salar	in distant	Add a designed in the local diversion of the	al and a second s	-				45.9
3.000000000 GH			-							-	55.9
		-	-						-	-	6.9
CF Ste	.000 GHz	Stop 3							MHz	t 30	tar
297.000000 MH	0000 pts)	333 ms (4	Sweep 5.3		.0 MHz	#VBW		IHz	1.0 N		
Auto Ma	-	EUNCTO	CONTRACTOR OF CONTRACTOR	EUNOTIO	Y.		×		IN FORM	ZODC: N	01
					28.193 dBm	72 GHz	2.496 7	_	1	NN	1
Freq Offs					39.027 dBm	12 GHz	2.402 1		T	N	3
01						-			-	-	4
2						_					6
						-			-	-	78
										_	9
										-	10 11
					H.						1
			STATUS								90

### 3GHz~20GHz\_Band41\_10MHz\_QPSK\_1\_0\_LowCH39700

-00- <b>-</b>	nano ana amin'ny faritr'i Anala.						Analyzer - Sv		
Frequency	10:45:28 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr	10	SENSE:0	-	a nc	50 0	RF	L
	DET P NNNN	Hold: 1/1	•	Trig: Free Run #Atten: 20 dB	NO: Fast Gain:Low	P			
Auto Tur	1 19.362 1 GHz -41.319 dBm	Mkr				4.1 dB dBm	Offset 1 f 24.10	Ref	B/div
Center Fre									_
11.50000000 GH								-	
	-13.00 dBn								
Start Fre 3.000000000 GH		_				-		-	-
	<b>♦</b> ¹				1				-
Stop Fre		the state				-	lei-phine	-	-
20.00000000 GH									
CF Ste 1.70000000 GF	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW			000 GH N 1.0 I	
Auto Ma	FUNCTION WALLE	EUNCTIONWOTH	FUNCT	Y.		×			
Freq Offs				41.319 dBm	1 GHz	19.362		1	N
01					-			-	
7					_			-	_
					-		-		_
					1			-	
				H.					
		STATUS							

### 30MHz~3GHz\_Band41\_10MHz\_QPSK\_1\_0\_MidCH40620



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# 3GHz~20GHz\_Band41\_10MHz\_QPSK\_1\_0\_MidCH40620

	ctrum Analyzer -									0 0 2
RL	88 5	B Q DC		10000000	vsa:snt	Avg Typ	e: Log-Pwr	TRAC	H Aug 21, 2018	Frequency
			NO: Fast Gain:Low	#Atten: 2	0 dB	- Addition	507.67			Auto Tun
dB/div	Ref Offset Ref 24.1	14.1 dB 0 dBm					Mkr		6 4 GHz 41 dBm	Auto Tun
8										Center Fre
10	_	-	-	-			-			11.500000000 GH
90	-	-	-				-		-13.00 dDm	
9										Start Fre
5.9									<b>A</b> 1	3.00000000 GH
	COLUMN AND AND		-							
9										Stop Fre 20.00000000 Gi
art 3.00	0 GHz							Stop 20	.000 GHz	CF Ste
es BW	1.0 MHz		#VBW	1.0 MHz		S	weep 29	.33 ms (4	0000 pts)	1.70000000 GH Auto Ma
N	1 100	18,906	4 GHz	-41,241 dE		TION	NOTION WRITH	EUNETI	www.ue	25010 101
2		10.000				_				Freq Offs
4	-		-		-					01
6										-
9			_		_					
1			_		-					
				H						

### 30MHz~3GHz\_Band41\_10MHz\_QPSK\_1\_0\_HighCH41540

			Charles and the second second		1000 Contractor (1995)			nafyzer - See		
Frequency	AM Aug 21, 2018 ACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	TH	ALIGN AUTO Type: Log-Pwr Hold: 1/1	Ave	SENSE: IN	); Fast ++	DC .	50.0	RF	
Auto Tun	6 11 GHz 791 dBm	2 2.42	10000000		#Atten: 20 dB	in:Low	IFG 1 dB	Offset 14	Ref	Ndiv
Center Fre 1.515000000 GH	11							21110		
Start Fre 30.000000 MH	-13.00 albri									
Stop Fre 3.000000000 GH		فغمليك				الحمار وتذائبته با	-	Alteriatori		-
CF Ste 297.000000 MH Auto Ma	3.000 GHz (40000 pts)	333 ms			.0 MHz	#VBW		IHz	1.0 M	-
Freq Offse 0 H	**************************************	FUNC		FUNCTION	27,438 dBm 34,791 dBm	GHz GHz	2.680 72 2.426 11		1	NN
					н.					
			STATUS							

# 3GHz~20GHz\_Band41\_10MHz\_QPSK\_1\_0\_HighCH41540

		wlyzer - Swept SA		Contraction of the local	A CONTRACTOR OF A CONTRACTOR O	and and succession and succession of the	0 0 🛍
RL	RF	50 Q DC		Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 1/1	10:52:04 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Frequency
			PNO: Fast * IFGain:Low	#Atten: 20 dB	8935 (100 PC) 40	DET P NNNNN	
0 dB/dir		ffset 14.1 dB 24.10 dBm			Mkr	1 18.884 8 GHz -40.925 dBm	Auto Tun
og							Center Fre
4.10	_					· · · · · · · · · · · · · · · · · · ·	11.500000000 GH
.90		-				-13.00 dBn	
5.9							Start Fre
35.9						1	3.00000000 GH
5.9	-	No.	-	and the state of the second	and the state of the second	and the second se	Stop Fre
55.9							20.000000000 GH
35.9							
	000 GH2 W 1.0 M		#VB	W 1.0 MHz	Sweep 29	Stop 20.000 GHz .33 ms (40000 pts)	CF Ste 1.70000000 GF
	THE FOR	X	.884 8 GHz	-40.925 dBm	UNCITON TEUROTOMIWOTH	EUNCTION WALVE	Auto Ma
2	1 1	18	884 8 GHZ	-40.925 dBm			Freq Offse
4							01
6							1
8							
10							
20				н	STATU		
20					STATUS		

30MHz~3GHz\_Band41\_15MHz\_QPSK\_1\_0\_LowCH39725

0.0	M Aug 21, 2018	10-34-16 4	TON AUTO						Analyzer - Se 50 0	Pectrum	yaight 3
Frequency		TRAC	Log-Pwr	Avg Typ		1200020	NO: Fast			1 10	
Auto Tur			7.82			#Atten: 2	Gain:Low				
Auto Tur	20 GHz 38 dBm		Mkr2						Offset 1		B/div
		1				2					
Center Fre 1.515000000 GH											-
1.51500000 GP						0					
	-13.00 dBm			-			-				
Start Fre											
30.000000 MH		2									
		1 mm									
Stop Fre			-				-	A state of the sta	-	and in	-
3.00000000 GH										_	
CF Ste	.000 GHz	Stop 3								MHz	1 30
297.000000 MH	0000 pts)	33 ms (4	eep 5.3	5		1.0 MHz	#VB		MHz	V 1.0	
Auto Ma	IN WALKE	EUNCTO	ID:RWIGH	CTION FU		Y.		×		TRC SO	
					m	28.583 dE	09 GHz 20 GHz	2.497		1 1	NN
Freq Offs				-	-				-		
01					-						
							_		-		_
					-		-		-	-	
					-				-	_	-
-	-					н.				1	
			STATUS								

### 3GHz~20GHz\_Band41\_15MHz\_QPSK\_1\_0\_LowCH39725

0.0	In the second second second second				140		rum Analyzer -	t Spect	
Frequency	10:34:41 AM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr	Ave	SENSE:IN	-	n nc	RF 51		RL
100020	DET P NNNN	Hold: 1/1	Avg	Trig: Free Run #Atten: 20 dB	NO: Fast	P IF			
Auto Tur	18.916 2 GHz -40.389 dBm	Mkr1				4.1 dB dBm	Ref Offset Ref 24.1	iv	dB/di
Center Fre							-	_	
11.80000000 GP	-13.00 (0)								o
Start Fre 3.000000000 GF									9
3.00000000 GP	<b>∳</b> ¹	and a second	20.502			-		0.2111	9
Stop Fre								*	9
20.00000000 GH					-	-	-		9
CF Ste 1.70000000 GH Auto Mi	Stop 20.000 GHz 33 ms (40000 pts)			1.0 MHz	#VBW		GHz .0 MHz	W 1	es B
<u>Auto</u> 101	FUNCTION WALVE	FUNCTION WOTH	FUNCTION	40.389 dBm	2 GHz	18,916	1		N
Freq Offs								-	
1					_		_		-
	· · ·			10	_				-

### 30MHz~3GHz\_Band41\_15MHz\_QPSK\_1\_0\_MidCH40620

	ectrum Analyzer		222	17.7 ALM 844 ALM		and the set of the	annan marsaitean	0 0 0
RL	RF	SD IQ DC		SENSE:INT	ALIGN AUTO		Aug 21, 2018	Frequency
			PNO: Fast	Trig: Free Run #Atten: 20 dB	Avg Type: Log-Pwr Avg Hold: 1/1	THAC	E 1 2 3 4 5 6 E NWWW T P NNNN	
dB/div	Ref Offse				Mkr	2 2.548	99 GHz 35 dBm	Auto Tune
9		1				1		1.000 CO.000
2 A A A A A A A A A A A A A A A A A A A								Center Fre 1.515000000 GH
10								1.515000000 GH
		_					-13.00 dBm	S
9						A2		Start Fre
.9						71		30.000000 MH
9	_	-			10000		0000000000	
9	- to a lot street	A Company of the local data	a la		and the second se		-	Stop Fre
9								3.000000000 GH
.9			-					
art 30 M tes BW	1.0 MHz	102	#VBW	( 1.0 MHz	Sweep 5.3	Stop 3. 333 ms (4		CF Ste 297.000000 MH
E MADELINE MA	el 100	×			UNCTION FUNCTION WOTH	EUXOTO	NW000= -	Auto Ma
	1	2.58	6 57 GHz	28.329 dBm				Contraction and and and and and and and and and an
		A.078	o ar one	- ve. vev denn		-		Freq Offse
5								0 H
2						-		7
8								
3 4 5 6 7 8 9 9 0								
1				10				
					STATU	1		

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# 3GHz~20GHz\_Band41\_15MHz\_QPSK\_1\_0\_MidCH40620

0 0									Analyzer - Sive		
Frequency	H Aug 21, 2018	TRAC		Avg Type	SE:INT	1000000	_	pc	F 50 Q	R	RL
0.000		DE	1/1	Avg Hold:	Run	#Atten: 20	NO: Fast	PN			
Auto Tur	6 4 GHz 25 dBm		Mkr						f Offset 14.		dB/d
Center Fre											1
11.50000000 GH											0
	-13.00 dBm			_							0
Start Fre	-13.00 dan										9
3.00000000 GH				-						-	9
	• · · ·		10000000	10000	2012221/	Service S	3070330514	2 10 15		120000	9
Stop Fre										-	9
20.00000000 GH										_	9
CF Ste	.000 GHz	Stop 20.	141106			Same and Co	100000000			3.000 G	
1.70000000 GH Auto Ma	0000 pts)					1.0 MHz	#VBW			3W 1.0	
Chebe III	IN WALLE	RUNCTO	CHONWOIH	TION FUN		-41.325 dE	4 GHz	19,436			N
Freq Offs				-				14,444	-		-
01	_			-	-		-				
7				-	-						-
					-		_				
				_	-						-

### 30MHz~3GHz\_Band41\_15MHz\_QPSK\_1\_0\_HighCH41515

0.0	0.0000000000000000000000000000000000000	014 - 14 A A A	<ul> <li>International</li> </ul>	÷			_		nutyzer - S			
Frequency	AM Aug 21, 2018		g Type: Log-Pwr alHold: 1/1	A	rig: Free Run	-		n pc	50	RF	-	R
Auto Tur	DET P NNNNN			<u> </u>	Atten: 20 dB	ow.	PNO: Fi IFGain:L					
Plato Tai	6 48 GHz 058 dBm		Mkr						24.10		B/div	l0 dl
Center Fre	1											14.1
1.515000000 GH	-	-	-				-			-	-	4.10
	-13.00 dBn			_	_		-	-		-		5.90
Start Fre 30.000000 MH		.2		-								25.9
30.00000 mi	4	•					-				-	36.9
Stop Fre	-		antripin manage	aine de ann		-	-	-	-	-	nile.	45.9
3.00000000 GH												65.9
CF Ste	3.000 GHz	Sto	10 100	1.17	2020000			102	140		t 30	
297.000000 MH Auto Ma	(40000 pts)				0 MHz	VBW	1		IHz	1.0 M		
	TION WALKE	DIH H	FUNCTION WOTH	FUNCTION	7.592 dBm	z	76 11 GH 26 48 GH	2.67		1	N	1
Freq Offs		-	-		5.058 dBm	2	26 48 GH	2.42		1	N	3
0,		-				-					-	567
												789
		_				+			_	++	-	9 10 11
			-		H.					+ +	-	
		ATUS	STATU									50

# 3GHz~20GHz\_Band41\_15MHz\_QPSK\_1\_0\_HighCH41515

0.0		Marine State						nafyzer - Soo			
Frequency	12:32 AN Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWW DET P NNNNN		Type: Log-Pwr Hold: 1/1		Trig: Free Run #Atten: 20 dB	NO: Fast	F	50 (2	RF	L	R
Auto Tun	.019 9 GHz		Mkr		aviteri. 20 00	Gain:Low	1 dB	Offset 14 24.10 (		Bídiv	
		1					10111	24.10	Rei	Biaiv	og
Center Fre 11.50000000 GH	_	-	_								14.1
	-13.00 dBm			_							5.90
Start Fre							-				15.9
3.00000000 GH	▲ <sup>1</sup>	_									36.9
Stop Fre	the state of the s	-	Manufacture and the	-	and the second second	-	-		-	-	45.9
20.00000000 GH		1								-	65.9 65.9
CF Ste 1.70000000 GF	p 20.000 GHz ns (40000 pts)	Stop 9.33 m	Sweep 29		1.0 MHz	#VBN			00 GH		
Auto Ma	UNCTION WALLE	H H	HUNGINGWOOR	FUNC	Y		×		RC 500		
Freq Offse					-41.590 dBm	9 GHz	19.019		1	N	2
01		-				_					34
2		-				-				-	5 6 7
		-				_					8
		-								-	10
					н						
		U5	STATUS								50

30MHz~3GHz\_Band41\_20MHz\_QPSK\_1\_0\_LowCH39750

RL	RF 50	IQ DC	SENSE:INT	ALIGN AUTO	10:29:38 AM Aug 21, 2018	
		PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr AvgiHold: 1/1	TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNN	Frequency
		IFGain:Lou		1 2/13/02/27/27/02		Auto Tur
dB/div	Ref Offset Ref 24.1			Mki	2 2.426 18 GHz -35.712 dBm	
8					11	
4.1						Center Fre 1.515000000 GH
10						1.515000000 GP
					-13.00 dBn	
5.9						Start Fre
5.9					<b>2</b>	30.000000 MH
9			-	8		1.1
9 automatic	and the second second		And the state of the second second	Party and the second	And Andrewson and and and and and and and and and an	Stop Fre
5.9						3.000000000 GH
.9						
art 30 M les BW	IHz 1.0 MHz	#\	BW 1.0 MHz	Sweep 5.	Stop 3.000 GHz 333 ms (40000 pts)	297.000000 MH
E MODELTR	0.000	×		EUNCTION FUNCTION WOOTH	EUROTONWOUS -	Auto Ma
1 N	1	2.497 31 GHz 2.426 18 GHz	28,539 dBm -36,712 dBm			
3	1	2.420 10 012	-50,712 (1511)			Freq Offs
5						01
6						2
8						
9						
1	+				· · · · ·	
				STATU		

### 3GHz~20GHz\_Band41\_20MHz\_QPSK\_1\_0\_LowCH39750

0.4				ipt SA					
Frequency	10:30:01 AN Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	SO 34	Trig: Free Ru		a nc	50	82	L
Auto Tur	DET P NNNN	Data ser nit		#Atten: 20 dB	PNO: Fast	IF			
Auto Tur	19.430 1 GHz -40.828 dBm	Mkr1					Offset 1 f 24.10		B/div
Center Fre									
11.50000000 GH		-			-	-		-	-
	-13.00 dBn		-			-		-	
Start Fre									
3.000000000 GH	1								
Stop Fre	in the second		-	-	-	-	-	-	-
20.000000000 GF									-
	Stop 20.000 GHz			1.0 MHz	#VBW			000 GH W 1.0 P	
1.70000000 GH	33 ms (40000 pts)	Sweep 29.							
CF Ste 1.700000000 GH Auto Ma	33 ms (40000 pts)	Sweep 29.	FUNCTIO	Y	1.6Hz	19 430		100 800	
1.700000000 GH	33 ms (40000 pts)		EUNCTIO	40,828 dBm	1 GHz			TRO SOU	N
1.700000000 GH Auto Ma	33 ms (40000 pts)		EUNCTIO	Y	) 1 GHz				N
1.700000000 GH Auto Ma	33 ms (40000 pts)		EUNCHO	Y	) 1 GHz				N
1.700000000 GH Auto Ma	33 ms (40000 pts)		EUNCTIO	Y	) 1 GHz				N
1.700000000 GH Auto Ma	33 ms (40000 pts)		EUNGIO	Y	0 1 GHz				

### 30MHz~3GHz\_Band41\_20MHz\_QPSK\_1\_0\_MidCH40620

0.0							pt SA	natyzer - Swe	ectrum.	
Frequency	Aug 21, 2018		ALIGN AUTO		SENSE:INT		pc	50 12	RJ	L
	PNNNNN	TYP	Avg Hold: 1/1		Trig: Free Run #Atten: 20 dB	NO: Fast	PN			
Auto Tur	91 GHz 04 dBm	-41.40	Mkr2					Offset 14.		3/div
		1								
Center Fre 1.515000000 GH										
1.515000000 GP										
<i></i>	-13.00 dBm			-						
Start Fre										
30.000000 MH		.2								
	0.000	14.	100000000							-
Stop Fre			-		and the second second	-		and the second second	-	-
3.000000000 GH										
CF Ste 297.000000 MH Auto Ma		Stop 3. 33 ms (40	Sweep 5.3	35	1.0 MHz	#VBW	07 - 10 - 10	ЛНz		t 30 M s BW
Auto Ma	NMALUE -	EUNETID	NEIGHWAR	FUNCTION			x		AC 500	1010:10
					28.438 dBm	4 GHz 1 GHz -	2.584 34		1	N
Freq Offs									-	-
01									-	-
1						-			+	-
									-	-
									-	
									+	-
			STATUS							

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台灣檢驗科技股份有限公司

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# 3GHz~20GHz\_Band41\_20MHz\_QPSK\_1\_0\_MidCH40620

0.4	10:31:01 AM Aug 21, 2018	ALTEN AUTO						Analyzer - See		RL
Frequency	TRACE 1 2 3 4 5 6 TIPE NWWW DET P NNNNN	Log-Pwr	Avg T Avg H		1000	O: Fast		P 20.14	-	nL.
	DET PNNNNN	S. 10	c. all the second se	0 dB	#Atten: 2	iain:Low	IFO			
Auto Tur	19.260 5 GHz -41.508 dBm	Mkr1						f Offset 14.		dB/
					S		- Children	24.100		٩r
Center Fre			_							-12
11.500000000 GH			-				-			10
0	-13.00 dBm			-	-					- 0
Start Fre	-13.00 dan			-						9
3.000000000 GH			-							
3.000000000	▲1									
	I successive and states and strength						and star		-	
Stop Fre					Contraction of the local division of the loc					
20.00000000 GH										9
CF Ste	Stop 20.000 GHz				Server med	100000000			3.000 C	
1.70000000 GH Auto Ma	33 ms (40000 pts)	weep 29.			1.0 MHz	#VBW		MHz	BW 1.0	les
Paulo ma	EUNITION WALVE	CTON WOTH	INCTION		T.		X		DE TRU S	
1 And a state of the second				Bm	-41.508 dB	SGHz	19.260	-	1 1	2
Freq Offs			-			_			1	3
01				-		-		-	-	5
2			-			_				6
				-		-		-	-	8
				-						9
										1
					н.					
		STATUS								

### 30MHz~3GHz\_Band41\_20MHz\_QPSK\_1\_0\_HighCH41490

0 0 0			The second states where	-	- Contractor			nalyzer - So			King R
Frequency	AN Aug 21, 2018 ACE 1 2 3 4 5 6 TYPE NWWWWW DET P NNNNN	1	ALIGN AUTO Type: Log-Pwr Hold: 1/1	0.0	Trig: Free Ru	NO: Fast *		50.0	RF	L	R
Auto Tun	6 63 GHz		00000000000		#Atten: 20 dB	Gain:Low	IF				_
	417 dBm		MINI					Offset 1/ 24.10		B/div	l0 di
Center Fre	1				2	-			_	-	14.1
1.515000000 GH		-				-	-		-		4.10
	-13.00 dBn	-		_					-		5.9
Start Fre 30.000000 Mi		*2-									25.9
30.00000 mil	A 1	•	-						-	_	36.9
Stop Fre		-		441444		-		d-ant			45.9
3.000000000 G		-									55.9 65.9
CF Ste	3.000 GHz 40000 pts)	Stop	Dwoop #1		1.0 MHz	#1/P	C2	147	MHz	t 30	
Auto M	manwans -		Euneronwork	EUNO	1.0 IVIPIZ	#VD	×		1.01		-
					27.814 dBm -36.417 dBm	6 GHz 3 GHz	2.671 3		1	NN	1
Freq Offs	-										3
	1	-				-				-	5 6 7 8 9
								_		-	8
		-				-		_	-	-	10
					н						1
		5	STATUS								90

### 3GHz~20GHz\_Band41\_20MHz\_QPSK\_1\_0\_HighCH41490

Keysight Spectrum Analyzer - Sw			10 10 10 10 10 10 10 10 10 10 10 10 10 1		0.0
RL RP 50.0	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 1/1	10:32:05 AN Aug 21, 2018 TRACE 1, 2, 3, 4, 5, 6 TYPE NWAWAWAY DET P N N N N N	Frequency
Ref Offset 14	IFGain:Low	#Atten: 20 dB	Mkr	1 19.823 2 GHz	Auto Tur
dB/div Ref 24.10				-41.141 dBm	
4.1					Center Fre
.10				· · · · · ·	11.500000000 G
90				-13.00 dDn	
5.9					Start Fr
5.9				1	3.000000000 G
5.9				a subscription of	
5.9					Stop Fr
5.9					20.00000000 G
tart 3.000 GHz				Stop 20.000 GHz	
Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 29	.33 ms (40000 pts)	CF St 1.700000000 G
TE MOLE THE SOL	×	1 E	UNCTION FUNCTION WIDTH	FUNCTION WALLE	Auto M
1 N f	19.823 2 GHz	-41.141 dBm			
3					Freq Offs
5					
7 8					
9					
1		HC.			

30MHz~3GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_LowCH131979

R Keysight Spi	ectrum Analyzer - S		SENSE INT	-	C. C. States States			0 4 🖬
RL	RF 501	PNO: Fast			Avg Type: Log-Pwr Avg/Hold: 1/1	07:57:51 PM A TRACE TYPE	1 2 3 4 5 6 M NNNN	Frequency
		IFGain:Low	#Atten: 20 dB		2015-0010-0010	2 2.480 3		Auto Tur
0 dB/div	Ref Offset 1 Ref 23.90			÷.	MIKI	-37.863		
13.9				1				Center Fre
3.90				+			_	1.515000000 GH
10							-13.00 dBH	
26.1	-			-		A2		Start Fre 30.000000 MH
36.1				+		•		
46.1		ورجاعا والمتحد		-				Stop Fre
66.1								3.00000000 GH
tart 30 M	MHz 1.0 MHz	#VB	W 1.0 MHz	-	Sween 5	Stop 3.0 333 ms (400	00 GHz	CF Ste
Dis Mandre and		×		FUNC	TION FUNCTION WOTH			Auto Ma
1 N 2 N	1	1.710 47 GHz 2.480 31 GHz	28.171 dBm -37.863 dBm					
3 4 5							_	Freq Offse
5 6 7							_	7
8								
10							-	
90			H	-	STATU		and the	

# 3GHz~20GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_LowCH131979

	ectrum Analyzer - So		a de la constante de	C CARACTERINA	- participation of the second s	0.0
RL	RF 50 C	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 1/1	07:58:19 PM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Frequency
		IFGain:Low	#Atten: 20 dB	983 <del>3</del> 5.05225298		Auto Tun
0 dB/div	Ref Offset 1 Ref 23.90			Mk	-39.938 dBm	
3.9						Center Fre
90					· · · · · ·	11.50000000 G
10	_				-13.00 dBes	
6.1						Start Fre
6.1 6.1						3.000000000 GH
				ويستعدين ومعتمق الرو	and the second second	
5.1 T						Stop Fre 20.000000000 Gi
6.1	_		-			20.00000000 Gi
art 3.00	0 GHz 1.0 MHz	#1/5	SW 1.0 MHz	Swaap 20	Stop 20.000 GHz .33 ms (40000 pts)	CF Ste
				UNCTION I FUNCTION WOTH		Auto M
N	1	3.420 8 GHz	-39.938 dBm			
3						Freq Offs
7						
2						
2 3 4 5 6 7 7 8 9 9 0						

### 30MHz~3GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_MidCH132322

0.0					lar.	a contractor			Analyzar - Sov		Sey RL
Frequency	15 PN Aug 20, 2018 TRACE 1 2 3 4 5 6	TRA	ALIGN AUTO	Avg	22.0	SENSE:		pc	50.0		RL
	DET P NNNN	T	old: 1/1	Avgi		Trig: Free Ru #Atten: 20 di	PNO: Fast IFGain:Low				
Auto Tur	30 24 GHz .690 dBm		Mkr	8					Offset 13 23.90		0 dE
Center Fre				1				-		-	99
1.515000000 Gi			_		_			-			90
	-13.00 dBH		_	_							10
Start Fre				-	-			-			6.1
30.00000 Mi		▲ <sup>2</sup>		-	-			-			6.1
		Ť.	1 228 23					-			6.1 ·
Stop Fre		in the second second		-	****					-	6.1 6.1
3.000000000 GI		-	_	_				-			6.1
CF Ste 297.000000 Mi	p 3.000 GHz (40000 pts)	Stop	Duran 63	376		0.044	#VBW			30 MH2 BW 1.0	
Auto Ma			sweep 5.3	the state	-		#VBW	×			
					-	28.663 dBm	4 77 GHz				
Freq Offse					-	20.020 dBill	0 24 GHz -	2.40			3
01				_						++	5
									-	++	5 6 7 8
				_							9
											1
			STATUS		-	H					

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台灣檢驗科技股份有限公司



# 3GHz~20GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_MidCH132322

0.4	2 PM Aug 20, 2018		ALTEN AUTO						Analyzer - See	R	15
Frequency	NACE 1 2 3 4 5 6 TIPE NWWW	TRAC	: Log-Pwr		• Run	Trig: Free	NO: Fast -+-		50.14	R	
Auto Tun				2035020	0 dB	#Atten: 2	Sain:Low	IFO			
	89 6 GHz 749 dBm	-37.74	MK						f Offset 13 f 23.90 c		IB/d
Center Fre		1									
11.500000000 GH				-	-						-
	-13.00 dBm					-				-	
Start Fre											F
3.000000000 GH										1	
	-		and interests	-		-	a discontra esse	Contraction of	-	-	-
Stop Fre										1 1/10	Ē
20.00000000 GH											
CF Ste	20.000 GHz (40000 pts)	Stop 20. 33 ms (4	weep 29	s		1.0 MHz	#VBW			.000 G	
CF Ste 1.70000000 GF	(40000 pts)	.33 ms (4		S Inction Fu				×	MHz	3W 1.0	rt 3 es E
CF Ste 1.70000000 GH Auto Ma	(40000 pts)	.33 ms (4				1.0 MHz		× 3.489	MHz	3W 1.0	rt 3 es E
CF Ste 1.700000000 GH Auto Ma Freq Offse	(40000 pts)	.33 ms (4						× 3.489	MHz	3W 1.0	rt 3 es E
CF Ste 1.700000000 GH Auto Ma Freq Offse	(40000 pts)	.33 ms (4						3.489	MHz	3W 1.0	rt 3 es E
CF Ste 1.700000000 GH Auto Ma Freq Offse	(40000 pts)	.33 ms (4						× 3.489	MHz	3W 1.0	rt 3 es E
20.00000000 GH CF Ste 1.7000000 GH Auto Ma Freq Offse 0 H	(40000 pts)	.33 ms (4						× 3.489	MHz	3W 1.0	rt 3 es E

### 30MHz~3GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_HighCH132665

0.0								natyzer - Sw			R Se
Frequency	08:00:35 PM Aug 20, 2018 THACE 1 2 3 4 5 6 THE NUMBER DET P NNNNN	ALIGN AUTO Type: Log-Pwr Hold: 1/1	Avg	Run	1 10 10 10 10 10	NO: Fast ~		50.0	RF	IL.	ĸ
Auto Tun	2 2.757 27 GHz -44.297 dBm	Mkr		0 dB	#Atten: 2	Sain:Low	JFC 9 dB	Offset 13 23.90		B/div	10 d
Center Fre 1.515000000 GH			1							-	og 13.9 3.90
Start Fre 30.000000 MH	-13.00 dBn		-								8.10 16.1 26.1 36.1
Stop Fre 3.000000000 GH	rise and the plan property priori	aning ani	d'une	- en an		<b>u</b> nna				-	15.1 56.1
CF Ste 297.000000 Mi Auto M	Stop 3.000 GHz 33 ms (40000 pts)				/ 1.0 MHz	#VBI		_	MHz V 1.0 N	s Bl	Re
Freq Offs 01	FUNCTION MALLE		UNCTION	3m	28.790 dE -44.297 dE	8 GHz 7 GHz	× 1.779 0 2.767 2		1150 1500	NN	1 2 3 4 5 6 7
					11						7 8 9 10
		STATUS									50

# 3GHz~20GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_HighCH132665

0.0	and a second second second		and the second second		1111111111111111		-		matyzer - Sv		iight Sp	
Frequency	H Aug 20, 2018	TRA	ALIGN AUTO	Av	SENSE:INT	-		2 DC	50.0	RF		RL
00000	ET P NNNNN	D	old: 1/1	Av	Trig: Free Run #Atten: 20 dB	8 W	PNO: Fast IFGain:Low					
Auto Tu	8 0 GHz 90 dBm	r1 3.55 -39.1	Mk					3.9 dB dBm	Offset 1 23.90	Ref Ref	/div	dB
Center Fr							_					3.9
11.500000000 G		-	-			-	-	-		-	-	90
	-13.00 dBm			_		_	_	-		-		10
Start Fr 3.000000000 G										_	_	
3.000000000			_	_			_	_			+	8.1
Stop Fr	in the state	-	and the second second	and the second	ale ale ale ale ale		-	-	-		-	5.1
20.000000000 G												5.1
												i.1
CF St	.000 GHz	Stop 20	Sweep 29	390	1.0 MHz	VRW	#VE	202		1.0 M		
Auto N			FUNCTION	FUNCTION				×		01500	-	
					-39.190 dBm		58 0 GHz	3,55		1	N	2
Freq Off									-		-	3
									-	-	-	6
												7
							-				-	9
					н.	-				-	-	1

### 30MHz~3GHz\_Band66\_3MHz\_QPSK\_1\_0\_LowCH131987

0.0	07:52:45 PM Aug 20, 2018	ALISN AUTO		SING D		- Swept SA 50 Ω DC	Dum Analyzer		R
Frequency	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NINNNN	g Type: Log-Pwr  Hold: 1/1	10	Trig: Free Run #Atten: 20 dB	PNO: Fast				
Auto Tur	2 1.690 27 GHz -38.253 dBm	Mkr		#Atten: 20 dB	IFGain:Low	t 13.9 dB	Ref Offse Ref 23.9	B/div	
Center Fre 1.515000000 GH			1					-	og 13.9 1.90
	-13.00 d <del>Di</del> s				_		-	_	6.1D
Start Fre 30.000000 MH								-	26.1
Stop Fre 3.000000000 GH	underskiller natiskuppiv		Ju		unidada da a al				6.1 6.1
CF Ste 297.000000 MH	Stop 3.000 GHz 33 ms (40000 pts)	Sweep 5.3		1.0 MHz	#VBV		Hz .0 MHz	t 30 M s BW	tar
Auto Ma	FUNCTION WALVE	FUNCTION WIGHT	FUNCT	28.326 dBm	0 47 GHz	×	500	20103 110	1
Freq Offs 01				-38,253 dBm	0 27 GHz	1.690	ł	NN	2 3 4 5
									6 7 8 9
				н			I	-	11
		STATUS							20

#### 3GHz~20GHz\_Band66\_3MHz\_QPSK\_1\_0\_LowCH131987

-0- Ø	-			100 C 100			1 Analyzer - So		
Frequency	07:53:10 PN Aug 20, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	A	Trig: Free Run		pc	U 50 C	-	L
	DET P NNNN	and a state of the		#Atten: 20 dB	NO: Fast	IFC			
Auto Tur	r1 3.421 2 GHz -40.367 dBm	Mk				1.9 dB dBm	of Offset 1 of 23.90	R	B/div
Center Fre		_							
11.500000000 GF		-			-				-
	-13.00 dBn					1		_	
Start Fre 3.000000000 GH									
3.00000000 GP								1	
Stop Fre		-	-	interest of the	Notes to be	-	-	-	-
20.000000000 GH									
						1			-
CF Ste 1.70000000 GF Auto Ma	Stop 20.000 GHz .33 ms (40000 pts)	Sweep 29.	22	1.0 MHz	#VBW	22 2		000 G W 1.0	
23432 101	FUNCTION VALUE	FUNCTION WOTH	FUNCTION	40.367 dBm	2 GHz	3 421	2	TRUE	N
Freq Offs				TALLEY AND IN			-		
01									_
7									
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		1.0000	-	н			*		
		STATUS							-

### 30MHz~3GHz\_Band66\_3MHz\_QPSK\_1\_0\_MidCH132322

0.0		-								Analyzer - So	actrum	
Frequency	PH Aug 20, 2018 VCE 1 2 3 4 5 6	TRA	Log-Pwr	Avg Ty		SE:INT	7000000000	- 1		50.0	RJ	L
	PE NNNNN	1	1/1	Avg Ho		dB	Trig: Free #Atten: 20	NO: Fast Gain:Low	P			
Auto Tur	16 GHz 76 dBm	-36.9	Mkr		33					Offset 13 1 23.90		B/div
Center Fre					1							
1.515000000 GH					-				-		_	_
	-13.00 dBm				-						_	-
Start Fre									-			-
30.00000 MH		♦ <sup>2</sup>				-						
0	and the second		2.121	3.3	A							-
Stop Fre					-		Charles Ball	-	-	-	-	-
3.00000000 GH		;			_				-		_	-
CF Ste 297.000000 MF	3.000 GHz 40000 pts)	Stop 33 ms (4	weep 5.3				1.0 MHz	#VBW		MHz		t 30 I s BW
Auto Ma	DIN WALKE	HUNDI	CIDRW00R	ION I F	FUNC		Ÿ		×		Rel ser	2010:10
O.F						m	28.646 dB	6 GHz	1.743 9 2.480 1		1	NN
Freq Offs 0 F												
2						-		_				-
												-
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					_		H.					

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台灣檢驗科技股份有限公司



### 3GHz~20GHz\_Band66\_3MHz\_QPSK\_1\_0\_MidCH132322

Stop         Stop         Stop         CF Step           3.000 GHz         #VBW 1.0 MHz         Stop         Stop         CF Step           3.000 GHz         #VBW 1.0 MHz         Stop         Stop         CF Step           1         1         1         Stop         CF Step           1         1         1         Stop         CF Step           1         1         1         Stop         Stop         Stop           1         1         1         Stop			Analyzer - Sive									0 0 2
Ref Offset 13 dB         Mkr1 19.266 4 GHz         Auto Tuni           div         Ref Offset 13 dB         Mkr1 19.266 4 GHz         Center Free           div         Ref 23.90 dBm	RL	R	F 50 Q			1 10 10 10 10	2.020.0	Avg Type	Log-Pwr	TRAC	E123456	
Ref 07fsc133.08         MKT 19.256 4 GHz           41.722 dBm         41.722 dBm           41.722 dBm         3.00000000 GH           3.000 GHz         500 20.000 GHz           3.000 GHz         \$VBW 1.0 MHz           \$Very 20.000 GHz         \$Very 20.000 GHz           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1 <td></td> <td></td> <td></td> <td>P</td> <td>NO: Fast 😁 Gain:Low</td> <td>#Atten: 2</td> <td>Run 0 dB</td> <td>Avg Hold</td> <td>1/1</td> <td>Di</td> <td>ET P NNNNN</td> <td>1 0.000 000 0000</td>				P	NO: Fast 😁 Gain:Low	#Atten: 2	Run 0 dB	Avg Hold	1/1	Di	ET P NNNNN	1 0.000 000 0000
Start Fre           3.000 GHz         #VBW 1.0 MHz         Stop 20.000 GHz         Stop 70.000 GHz           3.000 GHz         #VBW 1.0 MHz         Stop 20.33 ms (40000 pts)         Stop 70.000 GHz           BW 1.0 MHz         #VBW 1.0 MHz         Stop 20.33 ms (40000 pts)         Make           F         19.266 4 GHz         -41.722 dBm         Attractors         Attractors         Stop 1000000 GHz           Freq Offs         0 Hz         Freq Offs         0 Hz         Freq Offs         0 Hz	dB/div								Mkr	1 19.26	6 4 GHz 22 dBm	Auto Tun
3.000 GHz         #VBW 1.0 MHz         Stop 20.000 GHz         Stop 20.000 GHz           19.266.4 GHz         -41.722 dBm         Attraction         Attraction         Attraction	8 											Cantor Fra
Start Fre           3.000 GHz         Stop 20.000 GHz           3.000 GHz         Stop 20.000 GHz           Stop 20.000 GHz         Stop 20.000 GHz           19.266 4 GHz         41.722 dBm	10					-						
Start Fre           3.000 GHz         Stop 20.000 GHz           3.000 GHz         Stop 20.000 GHz           11 2 30000000 GHz         Stop 20.000 GHz           12 0 100 GHz         Stop 20.000 GHz           19 266 4 GHz         41.722 dBm           1 19 266 4 GHz         41.722 dBm	0	_									1100.484	
3.000 GHz         Stop 20.000 GHz         Stop 20.000 GHz           BW 1.0 MHz         #VBW 1.0 MHz         Sweep 29.33 ms (40000 pts)           1         19.266 4 GHz         41.722 dBm	1	-		-	-				-		-10.00 001	Start Fre
3.000 GHz         \$\$\$ \$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$	1	-			-	-					.1	3.00000000 GH
3.000 GHz         \$\$\$ \$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$ \$\$\$\$\$ \$\$\$\$\$ \$\$\$\$	1							-			a state in a	
3.000 GHz BW 1.0 MHz #VBW 1.0 MHz Sweep 29.33 ms (40000 pts) 4 1 19.266 4 GHz 4 1 7.0722 dBm 7.074000 10 10 10 10 10 10 10 10 10 10 10 10	1					-				4		
BW 1.0 MHz #VBW 1.0 MHz Sweep 29.33 ms (40000 pts) 1.70000000 GA 1.70000000 GA 1.7000000 GA 1.70000000 GA 1.70	1	-								1		
DC TRE CCI A V Y PANE TON FACE TON FACE TON TO THE CONTINUES OF THE CONTIN				62 2 	#VBV	V 1.0 MHz		S	weep 29	Stop 20 .33 ms (4	.000 GHz 0000 pts)	1.700000000 GH
Freq Offs 01				X.	1.0110	14 700 4		TION	CIONWOIH	EUNOTO	-	Auto Ma
	2	1 1		19.200	4 GHZ	-41.722 0	am.	_				Freq Offs
	4	-			-		-	_				
	6	-			-		-	_			1	3
	8	-			-		-	_				
	0	_	-				-	_				
	<u> </u>		10 M			H);						

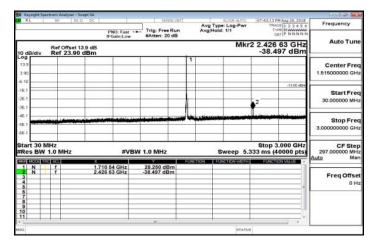
### 30MHz~3GHz\_Band66\_3MHz\_QPSK\_1\_0\_HighCH132657

Keysight Spectrum Analyzer - Swep						ana americana	-o-4- 🗳
RL RF 50.0	PNO: Fast *	SENSE INT	Avg Type AvgiHold	Log-Pwr	TRAC	Aug 20, 2018 E 1 2 3 4 5 6 E NWWWW T P N N N N	Frequency
Ref Offset 13.	IFGain:Low	#Atten: 20 dB	citigh form	507/97	2 2.460		Auto Tun
10 dB/div Ref 23.90 d 99 139 390	Bm		1		-43.9		Center Fre 1.515000000 GH
6 10 16 1 26 1 36 1					▲ <sup>2</sup>	-13.00 dBm	Start Fre 30.000000 MH
45 1 66 1 66 1	البروون والفائدة والم		-				Stop Fre 3.000000000 GH
itart 30 MHz Res BW 1.0 MHz	×		S UNCTION FU		333 ms (4)		CF Ste 297.000000 Mi Auto Mi
1 N f 2 N f 3 4 6 7 8	1.777 37 GHz 2.460 63 GHz	28.558 dBm -43.992 dBm					Freq Offs 01
8 9 10 11		н.				-	

### 3GHz~20GHz\_Band66\_3MHz\_QPSK\_1\_0\_HighCH132657

0.0	NAME OF A CONTRACT OF A DESCRIPTION						natyzer - 5	ictrum A		
Frequency	07:55:47 PH Aug 20, 2018 TRACE 1 2 3 4 5 6	ALIGN AUTO Type: Log-Pwr	Ave	SENSE:IN		n pc	50	RF		RL
	DET P NNNNN	Hold: 1/1	Avg	Trig: Free Run #Atten: 20 dB	PNO: Fast FGain:Low					
Auto Tu	-38.240 dBm	Mk				3.9 dB	Offset 1 23.90	Ref	3/div	de
Center Fr									1	9
11.500000000 G			_					-	-	.90
	-13.00 dBm		-	-				-		10
Start Fr									-	6.1
3.000000000 G									. ♦1	6.1 6.1
	And the second second second		AL AND		البيد مدينات		-	-	-	5.1
Stop Fr 20.000000000 G									-	6. t
										6.1
CF St 1.70000000 G	Stop 20.000 GHz 33 ms (40000 pts)	Sweep 29.	316	1.0 MHz	#VBW	100 1			t 3.00 s BW	
Auto M	FUNCTION WALLE	FUNCTIONIWEOTH	FUNCTION	38.240 dBm		×			N	<b>E</b> 1
Freq Offs				38.240 dBm	4 6 GHz	3,55	_	1	N	2
0					_		_	+ +	-	4
-					-			+ +	-	6
							-			8
				10						0

### 30MHz~3GHz\_Band66\_5MHz\_QPSK\_1\_0\_LowCH131997



### 3GHz~20GHz\_Band66\_5MHz\_QPSK\_1\_0\_LowCH131997

							m Analyzar - 3	Spects	
Frequency	07:43:42 PM Aug 20, 2018 TRACE 1 2 3 4 5 6	vg Type: Log-Pwr vgiHold: 1/1	atom)	The second second		n pc	RF 50	1	L
Auto Tun	DET P NNNN		dB	#Atten: 20	PNO: Fast -+ FGain:Low	1			
Auto Tun	r1 3.420 8 GHz -40.693 dBm	Mk				3.9 dB dBm	ef Offset ef 23.90	v	B/div
Center Fre				2					
11.500000000 GH					-	-			-
	-13.00 dBe			-		-			
Start Fre 3.000000000 GH									
3.00000000 GP								1	
	and the second	and the second second				- delan	in the	-	1
Stop Fre 20.000000000 Gi									-
	· · · · ·	_		-		-	-		F
1.70000000 G	Stop 20.000 GHz .33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW	0	GHz MHz	000 W 1	
1.70000000 GH	.33 ms (40000 pts)	Sweep 29.		Y		×	MHz		s B
1.700000000 GH Auto Mi	.33 ms (40000 pts)			1.0 MHz	#VBW		MHz	W 1	N B
1.700000000 GP Auto Mi	.33 ms (40000 pts)			Y			MHz	W 1	N B
1.700000000 Gi Auto Mi	.33 ms (40000 pts)			Y			MHz	W 1	N B
1.700000000 GP Auto Mi	.33 ms (40000 pts)			Y			MHz	W 1	N B
CF Ste 1.70000000 GF <u>Auto</u> Ma Freq Offs 0 F	.33 ms (40000 pts)			Y			MHz	W 1	N B
1.700000000 GP Auto Mi	.33 ms (40000 pts)			Y			MHz	W 1	s B

### 30MHz~3GHz\_Band66\_5MHz\_QPSK\_1\_0\_MidCH132322

	ectrum Anal	dyzer - Swept	SA.	222	and the second second	500 C				an a	0 0 🖬
RL	RF	50 12	DC .		SENSE	:INT		ALIGN AUTO	07:44:44	PM Aug 20, 2018	Frequency
			P	NO: Fast Gain:Low	Trig: Free R #Atten: 20 d		Avg Ty Avg Ho	pe: Log-Pwr ld: 1/1	1	ACE 1 2 3 4 5 6 YPE NWWW DET PNNNNN	
) dB/div		ffset 13.9 23.90 dB				8		Mkr	2 2.480	0 16 GHz 212 dBm	Auto Tun
28						1					
3.9											Center Fre
90	_					-					1.515000000 GH
10	-	-			-			-		-13.00 dBm	0
6.1								-			Start Fre
6.1		-		+ +		-			12	-	30.000000 MH
6.1	_					-		-	<b>Y</b>	-	
6.1 ······			at a hiter	al bit of a bit of		-		No. of Concession, New York, Ne	and the state	Contractor and	100000000000000000000000000000000000000
6.1	ed the lot of the lot					-					Stop Fre
6.1	_							_		-	3.000000000 GH
tart 30 l Res BW		Hz		#VBW	1.0 MHz			Sweep 5.3			CF Ste 297.000000 MH
	10 100		×		Y	FUNC	TION	UNCTIONINGTH	FUNC	-	Auto Ma
1 N 2 N	1		1.743 0	6 GHz	28.676 dBm -36.212 dBm	1					-
2 N 3 4 5 6 7 7 8 9 9 0 1	T		2.480 1	6 GHZ	-36.212 dBm	-					Freq Offse
4	++						-				0 H
6						1					2
8						-	-		-		
9						-	_				
1											
<u> </u>					H.						
b								STATUS			

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台灣檢驗科技股份有限公司



### 3GHz~20GHz\_Band66\_5MHz\_QPSK\_1\_0\_MidCH132322

0.0									Analyzer - Sore	
Frequency	MAug 20, 2018	TRAC	Log-Pwr	Avg Type	ISE:INT	1000000000	_	pc	50 12	R
0.533.567.59	ET P NNNNN	D	1/1	Avg Hold:	Run dB	#Atten: 2	O: Fast			
Auto Tun	5 8 GHz 94 dBm	-38.7	Mk						f Offset 13. f 23.90 c	
Center Fre										
11.50000000 GH								_		
	-13.00 dBm									
Start Fre										
3.00000000 GH										♦1
	in the second				and a start		diameter de la		dist	
Stop Fre 20.000000000 GP										-
CF Ste	.000 GHz 0000 pts)	Stop 20	ween 20	5		1.0 MHz	#VBW			3.000 G BW 1.0
Auto Ma				TION	FUN	1.0 10112		×		00100100
						-38,794 dE	3 GHz	3.485		N 1 1
Freq Offs 0 H	_				-					
2					-					
									-	-
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						н.,				

### 30MHz~3GHz\_Band66\_5MHz\_QPSK\_1\_0\_HighCH132647

0.0	and the state of the	- Martine and	ACTIVATION NOT		an Salan a				knatyzer - Sw			
Frequency	E 1 2 3 4 5 6	TRAC	Log-Pwr	Avg T	VSE:INT	1000	-		50 0	RF		R
Auto Tun Center Fre	11 GHz		s7/81	CARILIC		#Atten: 2	NO: Fast H Gain:Low	IF				_
	25 dBm	-38.4	MINIA						Offset 13 23.90		B/div	0 df
Center Fre				11		1					-	13.9
1.515000000 GH						-				-	-	3.90
6	-13.00 dBH					1						6.10
Start Fre 30.000000 MH												1E.1
30.00000 MH		¢ <sup>2</sup>								_		36.1
Stop Fre			-	l.	in the second	and the should be should be	the local sector		· Manha tint			46.1
3.000000000 GH												66.1 66.1
CF Ste 297.000000 MF			weep 5.3			1.0 MHz	#VB\		ИНz		t 30 I s BW	
Auto Ma	N WALLE	FUNCTO	CTION WOTH	NETION		28.648 dE	9.647	1.775 5		12120	N	1
Freq Offse						-38.425 dE	1 GHz	2.426 1	-	Ť	N	23
0 H										-	-	4
							_			-	-	5 6 7
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	-					м.	_			1		10 11
			STATUS							-		50

### 3GHz~20GHz\_Band66\_5MHz\_QPSK\_1\_0\_HighCH132647

PNO: Fast         Trig: Free Run IFGalmLow         Avg Type: Log-Pwr Avg Hold: 1/1         Tricc [1:3 a st st row: ] NNNN Avg Hold: 1/1         Tricc [1:3 a st st row: ] NNNN Avg Hold: 1/1         Tricc [1:3 a st st row: ] NNNN Avg Hold: 1/1         Tricc [1:3 a st st row: ] NNNN Avg Hold: 1/1         Mkr1 3.550 8 GHz -37.807 dBm         Auto Tune           Bridin         -37.807 dBm         -37.807 dBm         -11.50000000 GHz         -11.50000000 GHz	0.0	and the second second second	A CONTRACTOR OF THE OWNER		and the second second				nutyaur - Se	ictrum A		
Ref Offset 139 dB         Mkr1 3.550 8 GHz         Auto Tuni           Bidiv         Ref 23.90 dBm         -37.807 dBm         Center Free           1	Frequency	TRACE 1 2 3 4 5 A	Log-Pwr	Avg		1 2 2 2 2 2			50.0	RF		RI
Ref Offset 13 adb         MIKT 3.550 8 GHz           Butwin Ref 23.90 dBm         -37.807 dBm           1         -37.807 dBm           1         -310.65           1         -30.000 GHz           1         -30.000 GHz           1         -37.807 dBm           1         -30.000 GHz           1         -30.000000 GH           1         -30.000000 GH           1         -30.000000 GH           1         -30.000000 GH           1         -30.0000000 GH           1         -30.000000 GH           1         -30.000000 GH           1         -37.807 dBm           1         -37.807 dB	Hz Auto Tun	DET P NNNNN	1/1	Avg Hold: 1/1								
Center Fre     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1     1												
1	Center Fr					1						9 3.9
Image: start of the s				-	_	-	-			-	-	90
1         3.00000000 GH           1         Stop Fri		-13.00 dBm				1					-	10
Stop         Stop <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>- 44</td><td>1</td></th<>											- 44	1
Image: start	3.000000000 G										♦ <sup>1</sup>	5.1 5.1
Image: state of the s		ALC: NO.		-	-	-	-		-	-	-	6.1
Is BW 1.0 MHz         #VBW 1.0 MHz         Sweep 29.33 ms (40000 pts)         170000000 Gl Auto           Involve Hiel Soci         X         5.550 8 GHz         -37.807 dBm         Forter Portuge International Internation International Int						-	-				- 71	5. t
Is BW 1.0 MHz         #VBW 1.0 MHz         Sweep 29.33 ms (40000 pts)         170000000 GAta           Involve intel 200         X         X         X         Farmer particular         Adda         Mata         Ma												i.1
Receive and Control Participation and Participat	1.700000000 GI	ms (40000 pts)	weep 29.3	316	Ηz	V 1.0 MH	#VB	102				
Freq Offs 0	Auto M	EUNCTION WALLE	HOWWARD	NOTION		Ť.		x				
	Erea Offe				dBm	-37.807 d	8 GHz	3,55		1	N	2
				_	-		-					3 4 5
	1			_	-		-		_		-	6
					-		-				-	8
							-				-	0
		1 .				H);						-

### 30MHz~3GHz\_Band66\_10MHz\_QPSK\_1\_0\_LowCH132022

Keysight Spectrum Analyzer - Swept SA RL RF 50 Ω DC		SENSE IN		R. IGN AUTO		
RL 88 50 0 DC	PNO: Fast	Trig: Free Run		Avg Type: Log-Pwr Avg Hold: 1/1	07:38:35 PM Aug 20, 2018 TRACE 1 2 3 4 5 6 TIPE NUMBER DET P NNNNN	Frequency
Ref Offset 13.9 dB 0 dB/div Ref 23.90 dBm	IFGain:Low	#Atten: 20 dB		Mkr	2 2.480 01 GHz -35.314 dBm	Auto Tun
og 13.9 1.90			1			Center Fre 1.515000000 GH
6 1 6 1			1		-13.00 dBn	Start Fre 30.000000 MF
	un haisant	a interiore	1			Stop Fre 3.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz		Sweep 5.	Stop 3.000 GHz 333 ms (40000 pts)	CF Ste 297.000000 Mi Auto Mi
RE MODE THE SOUL X	10 84 GHz 80 01 GHz	28.343 dBm -35.314 dBm	FUNC	TION FUNCTION WOTH	FUNCTION VALUE	
3 4 5 6 7						Freq Offs 0 F
8 9 10 11						
0		н		STATU		L

### 3GHz~20GHz\_Band66\_10MHz\_QPSK\_1\_0\_LowCH132022

0.0	ant contractor statistics						nalyzer - Sw				
Frequency	07:39:11 PM Aug 20, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr Hold: 1/1	10 - 3	Trig: Free Run		pc .	50 (2	RF	L		
Hz Auto Tuni	DET P NNNN	0102103700	<u> </u>	#Atten: 20 dB	NO: Fast Sain:Low	PI IFC					
	-39.391 dBm	Ref Offset 13.9 dB Mkr1 3.421 2 GHz 10 dB/div Ref 23.90 dBm -39.391 dBm -39.391 dBm									
Center Fre								-	-		
11.50000000 G						1					
	-13.00 dBm								_		
Start Fre 3.000000000 Gi						-		_	-		
						-		_	•		
Stop Fre	Contraction of the local division of	the states	-	the state of the	-	-	-	-	-		
20.00000000 G											
CF Ste	Stop 20.000 GHz						7	00 GH	13.0		
1.70000000 GI Auto Mi	33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW			1.0 M			
Auto Mi	FUNCTION WALLE	FUNCTION WOTH	FUNCTIO	-39.391 dBm		3.421			N		
Freq Offs				-39,391 dBm	zonz	3.941		1	N		
01					_				-		
3					_				-		
					_				-		
									-		
		• •									
		STATUS									

### 30MHz~3GHz\_Band66\_10MHz\_QPSK\_1\_0\_MidCH132322

		Swept SA								
RL	RF 50	D DC		SENSE	CINT		Log-Pwr	07:40:01 F	CE 1 2 3 4 5 6	Frequency
			NO: Fast	#Atten: 20 d		Avg Hold	1/1		ET P NNNN	
Ref Offset 13.9 dB Mkr2 2.480 24 GHz dB/div Ref 23.90 dBm - 37.339 dBm - 37.339 dBm										Auto Tune
3.9					1					Contex Eres
190		_								1.515000000 GH
10										
6.1		_	-		-				-13.00 dBH	Start Fre
6.1	_	_		-	-	-		-2-		30.000000 MH
6.1		_			-			$\phi^2$		
E 1					السب		-		-	
5.1										Stop Fre 3.000000000 GH
6.1								· · · · · · · · · · · · · · · · · · ·		
6.1		-								
tart 30	MHz / 1.0 MHz		#VBV	V 1.0 MHz		s	weep 5.3	Stop 3 333 ms (4	3.000 GHz 40000 pts)	297.000000 MH
tart 30 Res BW	1.0 MHz	×		1		S		333 ms (4	3.000 GHz 10000 pts)	CF Ste 297.000000 MH Auto Ma
tart 30 Res BW	1.0 MHz	1.740	#VBV 76 GHz 24 GHz	28.644 dBn -37.339 dBn	n			333 ms (4	0000 pts)	297.000000 MH Auto Ma
tart 30 Res BW	1.0 MHz	1.740	76 GHz	28.644 dBn	n			333 ms (4	0000 pts)	297.000000 MH Auto Ma Freq Offse
tart 30 Res BW	1.0 MHz	1.740	76 GHz	28.644 dBn	n			333 ms (4	0000 pts)	297.000000 MH Auto Ma
tart 30 Res BW	1.0 MHz	1.740	76 GHz	28.644 dBn	n			333 ms (4	0000 pts)	297.000000 MH
tart 30 Res BW	1.0 MHz	1.740	76 GHz	28.644 dBn	n			333 ms (4	0000 pts)	297.000000 MH Auto Ma

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### 3GHz~20GHz\_Band66\_10MHz\_QPSK\_1\_0\_MidCH132322

-0-4- <b>E</b>									Analyzer - Sive		
Frequency	H Aug 20, 2018	TRAC	Log-Pwr	Avg Type	SECINT	0.00000000	_	pc	50 (2	P	RL
Auto Tune			(79)	Avg Hold: 1/1		#Atten: 20	IO: Fast ain:Low	PN			
	1 5 GHz 94 dBm		Mk					9 dB Bm	Offset 13. f 23.90 d	div Re	dB/
Center Fre											9 9
11.500000000 GH								-			0
	-13.00 dBm	-		-		-					0
Start Fre										1.1	1
3.000000000 GH										1	
	-		-	-	. Internet	-		-			1
Stop Fre 20.00000000 GP										-1 -1 -1 -	1
CF Ste 1.70000000 GF	.000 GHz	Stop 20	veen 20			1.0 MHz	#VBW			3.000 G BW 1.0	
Auto Ma				TON I FUR	FUN	THE INTE	*	×			
100000000000000000000000000000000000000					m	-39.294 dE	GHz	3.481.6		1 1	1
Freq Offs 0 F					-		-				
2					-		-				3
				_	-		-				8
					-		-				0
			status			H.			1		-

### 30MHz~3GHz\_Band66\_10MHz\_QPSK\_1\_0\_HighCH132622

	iectrum Analyzer - Si					0 4
RL	RF 50 0	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr Avg Hold: 1/1	07:41:36 PN Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW	Frequency
	Ref Offset 1	IFGain:Low	#Atten: 20 dB	2010/01/01/01/01	r2 2.426 11 GHz -39.787 dBm	Auto Tun
13.9 3.90	Ref 23.90					Center Fre 1.515000000 GH
-16.10 -16.1 -26.1 -36.1					-13.00 dBm	Start Fre 30.000000 MF
46 1 56 1 66 1						Stop Fre 3.000000000 GH
tart 30 Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep 5	Stop 3.000 GHz .333 ms (40000 pts)	CF Ste 297.000000 MH Auto Mi
1 N 3 4 5 6 7 8 9	1	1.770 83 GHz 2.426 11 GHz	28.436 dBm -39.787 dBm			Freq Offs
9 10 11			н	STAT		

### 3GHz~20GHz\_Band66\_10MHz\_QPSK\_1\_0\_HighCH132622

0.0	NAMES OF A DESCRIPTION OF	Constant of the second second	144				udyzer - See		light Spec	
Frequency	07:42:00 PM Aug 20, 2018 TRACE 1 2 3 4 5 6 TUPE M WWWWWW	Type: Log-Pwr Hold: 1/1	0.0	Trig: Free Rur	NO: Fast		50 12	RF		RI
Hz Auto Tun	DET P NNNNN	Saturna (n).		#Atten: 20 dB	NO: Fast Gain:Low					
	Ref Offset 13.9 dB Mkr1 3.541 0 GHz 10 dB/div Ref 23.90 dBm -39.374 dBm									
Center Fre								-		13.9
11.50000000 GH		-	-		-			-	-	3.90
2	-13.00 dBm							_	_	16.1
Start Fre									_	76.1
3.000000000 Gi									<b>♦</b> <sup>1</sup>	36.1
Oton Fr	and the second statements	in the second	-	un sent senter		-	-	-	-	46.1
Stop Fre 20.000000000 G										56.1
								-	_	66.1
CF Ste 1.70000000 GI Auto Mi	Stop 20.000 GHz 3 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW	10			3.00 BW	
<u>21010</u> m	EUNCTION WALLE	EUNCTION WRITH	FUNCT	-39.374 dBm	0 GHz	3 641		1	N N	
Freq Offs										23
01					-		_		-	4
4					-		_		-	6
									-	8
										10
	1 .			н.					1	
		STATUS								90

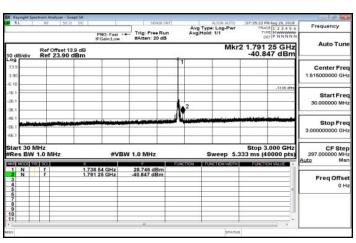
### 30MHz~3GHz\_Band66\_15MHz\_QPSK\_1\_0\_LowCH132047

Keysight Spectrum Analyzer - Swept SA		SENSE INT		ALISN AUTO		
RL RF 50 D DC	PNO: Fast	Trig: Free Run	Avg Avg	Type: Log-Pwr Hold: 1/1	07:33:59 PM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 13.9 dB 0 dB/div Ref 23.90 dBm	IFGain:Low	#Atten: 20 dB		Mkr	2 2.479 79 GHz -37.584 dBm	Auto Tun
13.9			1			Center Fre 1.515000000 GH
6 10 6 1 36 1 36 1					-13.00 dem	Start Fre 30.000000 MH
5.1 5.1 5.1	an state des print spatia	مر میں میں ایر ایر اور میں	/h	ayılmuş mas yadırd		Stop Fr 3.00000000 G
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz		Sweep 5.3	Stop 3.000 GHz 33 ms (40000 pts)	CF Ste 297.000000 Mi Auto M
22 X2002 1123 500 X 1 N 1 f 1.7 2 N f 2.4 3 4 5	11 06 GHz 179 79 GHz	28.265 dBm -37.584 dBm	FUNCTION	FUNCTION WOTH	FUNCTION WALLE	Freq Offs
6 7 8 9 0						
0		н		STATUS		

### 3GHz~20GHz\_Band66\_15MHz\_QPSK\_1\_0\_LowCH132047

-00- <b>-</b>	n an	an					nalyzar - Swi			
Frequency	07:34:30 PN Aug 20, 2018 TRACE 1 2 3 4 5 6 TIPE NWWWW	Type: Log-Pwr Hold: 1/1	A	Trig: Free Run			50 Ω	RF	L	R
Auto Tun	DET P NNNNN	2010/01/01/01/01		#Atten: 20 dB	0: Fast +++ ain:Low	IFG				
	Ref Officet 13.9 dB Mkr1 18.766 6 GHz 10 dB/div Ref 23.90 dBm -41.269 dBm									
Center Fre										3.9
11.50000000 GF								-		90
	-13.00 dBn		_					_		10
Start Fre										6.1 6.1
3.00000000 GH									_	6.1
Stop Fre	A REAL PROPERTY AND INC.		-			-	-	-	wie!	6.1
20.000000000 Gi									-	6.1 6.1
	Stop 20.000 GHz							00 GH		
CF Ste 1.70000000 G	33 ms (40000 pts)	Sweep 29.		1.0 MHz	#VBW			V 1.0 M		
Auto Ma	FUNCTION VALUE	FUNCTION WOTH	FUNCTION	41,269 dBm	CUL	18,766.6			N	
Freq Offs				41.209 dBm	UH2 .	18,700 0		1	N	2
01					_					234567890
-					_		_			6
					_		_		-	8
								_		0
	1.1			H (						C.
		STATUS								2

### 30MHz~3GHz\_Band66\_15MHz\_QPSK\_1\_0\_MidCH132322



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