

# 30MHz~3GHz Band25 3MHz QPSK 1 0 LowCH26055

Keysight Spectrum Analyzer - Swept SA			
Center Freq 1.5150000	00 GHz	ALIGN AUTO 06:23:32 PH Aug 13, 2018 Avg Type: Log-Pwr TRACE 1 2 3 4 5 6 Type: Log-Pur	Frequency
Ref Offset 13.9 di	IFGain/Low #Atten: 30 dB	Mkr1 1.850 6 GHz 26.98 dBm	Auto Tun
20.0 10.0		*1	Center Fre 1.515000000 GH
10.0 10.0 20.0			Start Fre 30.000000 MH
30.0 40.0 50.0 60.0	anda data talah menangki sala ana astisisi dati	and her and the second s	Stop Fre 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	CF Ste 297.000000 Mi Auto Ma
1 N 1 1 2 3 4 5	1.850 6 GHz 26.98 dBm		Freq Offs 0 F
6 7 8 9 10			
<		STATUS	

### 3GHz~10GHz\_Band25\_3MHz\_QPSK\_1\_0\_LowCH26055

000 GHz PNO: Fest	SEREE:INT	Avg Type: Log-Pwr	06:23:43 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Frequency
	Trig: Free Run	the spectrum state	DET P NINNN	
IFGein:Low B	#Atten: 30 dB		Mkr3 5.555 GHz	Auto Tuni
n			-57.05 UBI	Center Fre 11.500000000 GH
			-1300 dBm	Start Fre 3.000000000 GH
ten en en el la del de la del d	ha <sup>n</sup> aya <sup>1</sup> an makangga pangkanganaka	م کنور ۲۰ و کنون و کنوانو می او	Part Character and States and States and	Stop Fre 20.000000000 GH
#VB1				CF Ste 1.700000000 Gi Auto M
19.320 GHz 3.703 GHz 5.555 GHz	-31.92 dBm -35.61 dBm -37.63 dBm		6	Freq Offs 01
	19			
	n 	n #VEW 1.0 MHz 19.200 GHz	в в в в в в в в в в в в в в в в в в в в	-37,63 dBm

# 30MHz~3GHz\_Band25\_3MHz\_QPSK\_1\_0\_MidCH26365

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Frequency	06:33:06 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWW DET P NNNNN	Type: Log-Pwr		Trig: Free Run	IZ	00000 GH	.51500	req 1		Cen
Auto Tune	r1 1.880 3 GHz 27.66 dBm	Mk		#Atten: 30 dB	Gain Low	IFI 1.9 dB	Offset 13 30.00		B/div	10 d
Center Fred 1.515000000 GH			71							.0g 20.0 10.0
Start Free 30.000000 MH	-13 00 421									10,0 20,0 30,0
Stop Free 3.000000000 GH	มมามี(เคราะในสายาง 	nie, name friedel an 18 minist	مسالعهم	and and the second	****		Ary 1443 (			40.0 50.0
CF Stej 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	EUNCTION	.0 MHz	#VBV			1.0 N	nt 30 f Is BW	Re
Freq Offse 0 H				27.66 dBm	3 GHz	1.880		1	N	123456
										7 8 9 10 11
		STATUS				_				4

#### 3GHz~10GHz Band25 3MHz QPSK 1 0 MidCH26365

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Frequency	06:33:18 PM Aug 11, 2018 TRACE 1 2 3 4 5 6	Log-Pwr		SENSE:17	DC OIL-	50 D		
	TYPE NWWWWW	e. Logwi		Trig: Free Run	PNO: Fast	11.5000	r Fred	ente
	DET PNNNNN			#Atten: 30 dB	IFGeintLow			
Auto Tur	lkr3 5.648 GHz -35.66 dBm	м				f Offset 13. f 30.00 c		0 dB/
								20.0
Center Fre								
11.500000000 GH								10.0
								1,00
Start Fre	-13 00 001							10.0
								20.0
3.00000000 GH	01					▲3	∧2	
	- wanter a state by	managera	and a short the		Energy annual	AL	X	30.0
Stop Fre			a report of		And and a second se	a second per		40.0 🗠
20.00000000 G								50.0
20.0000000000								50.0
	Oto- 20 000 CH-						3.000 0	L
CF Ste 1.70000000 GH	Stop 20.000 GHz 3.33 ms (1001 pts)	Sweep 28		1.0 MHz	#VB		BW 1.0	
Auto Ma	FUNCTION VALUE	NOTION WOTH	FUNCTION	¥	×			100 100
				-31.29 dBm	18.691 GHz	1	1	1 N
Freq Offs				-34.37 dBm -35.66 dBm	3.765 GHz 5.648 GHz			2 N
01				-VE.VV MEIII	0.010 SIIA			4
	f .					-		5
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								10
								-
		STATUS						13

### 30MHz~3GHz\_Band25\_3MHz\_QPSK\_1\_0\_HighCH26675

				-					inalyzar - S		t.Spectr		
Frequency	6 PM Aug 13, 2018 RACE 1 2 3 4 5 6	TH	Log-Pwr	Avg Typ	SE:3NT		lz	00000 G		eq 1	Fre		n R Cer
Auto Tune	DET P NNNNN	cr1 1.913 0 GHz				#Atten: 30	NO: Fast H Gain:Low						
z n	13 0 GHZ 5.90 dBm	(r1 1.9) 25	MK						Offset 1 30.00			B/div	
Center Free				*1									20.0
1.515000000 GH	- 1									+			10.0
Start Free	-13 00 40-1											1	-10.0
30.000000 MH								-		-			-20,0
	and the second second	- show the		Alarma	unacided	an and a state	au and	and another					-30.0
Stop Free 3.000000000 GH							-			-		-	-50,0
													-60.0
CF Step 297.000000 MH	3.000 GHz s (1001 pts)		Sweep 3.			1.0 MHz	#VBV		/Hz		0 MH		
Auto Mar	TION WALVE	EUVIC	DITON/WORK	TION FU		25.90 dE	0 GHz	1 011		E.01	1	MOG	MRR
Freq Offse						20.00 00	0 GHz	1.21.				ia.	2
0 H					-		-					_	4 5
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# 3GHz~10GHz\_Band25\_3MHz\_QPSK\_1\_0\_HighCH26675

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Frequency	29 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN		Log-Pwr	Avg T	e Run		Hz IO: Fast	00000 0		Freq	nte	
Auto Tun	5.741 GHz 8.54 dBm		'		30 dB	#Atten: 3	Sein:Low	1F 9 dB	Offset 13. f 30.00 c		dB/d	
Center Fre 11.500000000 GH					-						.0	20.0
Start Fre 3.000000000 GH	-1300 4000								<b>A</b> 3-	2	0	10,0 20,0 30,0
Stop Fre 20.000000000 GH	a to got a start of the first	10-J.20-1-1-		have president		a show	yeret Bree	استعارته مطارب		Hans	0	40.0 50.0
CF Ste 1.70000000 GH Auto Mi	20.000 GHz is (1001 pts)		Sweep 2		2	/ 1.0 MHz	#VB			.000 GI		
FreqOffs	ICTION WALVE	H FUR	NCTION WOTH	FUNCTION	Bm	-32.08 d -34.46 d	3 GHz 7 GHz 1 GHz	3.82			N	1 2
01	+											4567
												8 9 10 11
		us	STATU								1	+ [] ISG

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

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台灣檢驗科技股份有限公司

f (886-2) 2298-0488



## 30MHz~3GHz Band25 5MHz QPSK 1 0 LowCH26065

🗱 Keysight Spectrum Analyzer					the state of the s	
Center Freq 1.515	5000000 GHz PNO: Fest	Trig: Free Run	Avg Typ	e: Log-Pwr	06:11:08 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 10 dB/div Ref 30.0	IFGein:Low	#Atten: 30 dB		Mk	r1 1.850 6 GHz 27.02 dBm	Auto Tuni
20.0 10.0			*1			Center Fre 1.515000000 GH
10.0 -10.0 -20.0 -30.0					-13 00 dDa	Start Fre 30.000000 MH
40.0 <b></b>	r manageran di Alto Alto Bassy separatari k	an and a line of an optical	the server		Martin Antonio Martin Martin Martin Antonio di	Stop Fre 3.000000000 GH
atart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 MHz	FUNCTION FUI		Stop 3.000 GHz .600 ms (1001 pts)	CF Ste 297.000000 Mi Auto Mi
1 N 1 f 2 3 4 5 6	1.850 6 GHz	27.02 dBm				Freq Offse
7 8 9 10 11						
*				STATUS		

### 3GHz~10GHz\_Band25\_5MHz\_QPSK\_1\_0\_LowCH26065

									rsalyzar - Sve		pht Spec	
Frequency	PM Aug 11, 2018	TRAC	Log-Pwr	Avg Ty	NSE:INT		Hz	00000 0	1.5000	eq 1	er Fre	nte
Auto Tu	PE NWWWW	-			e Run 0 dB	#Atten: 3	NO: Fast * Gain:Low					
Auto Tu	558 GHz .94 dBm		N						Offset 13 30.00 d		dīv	dB/
Center Fr										_		
11.500000000 G												0
Start Fr	-13.00 001									_		
3.000000000 G	8								.3		2	0
Stop Fr	avenue	and the states	and the second	and and a state	- Landad	a start and the second		want the second of	andre	ringer of	M.	0
20.000000000 G												0
CF St 1,700000000 G	0.000 GHz (1001 pts)		Sween 2			V 1.0 MHz	#VB				3.000 BW 1	
Auto M	007W0.08		BOOM SOL	CTION 1		Ŷ		x		1 500	DE TRO	
Freq Offs				_	Bm	-31.39 dE -34.95 dE -37.94 dE	7 GHz 5 GHz 8 GHz	3.70		1	1 1	NN
0				-	200	-57.54 05		9.9		-	+	-
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	· · ·				1		1			1	1	1
		5	STATUS									

# 30MHz~3GHz\_Band25\_5MHz\_QPSK\_1\_0\_MidCH26365

-c- 4 🕰								nalyzar - Sve		Spect		
Frequency	06:14:37 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	g Type: Log-Pwr		SENSE IN	Tr	IZ	0000 GH	.51500	eq 1	Fre		n R Cen
Auto Tune	r1 1.880 3 GHz 27.32 dBm	Mk		ten: 30 dB		NO: Fast * Gain:Low	9 dB	Offset 13 30.00 d			B/div	10 d
Center Freq 1.515000000 GHz			71		-				-			20.0 10.0
Start Freq 30.000000 MHz	-13 00 421				-				-			-10.0
Stop Free 3.000000000 GH2	alan ang mang ang pangang ang pangang pangang pang p	and and a second second second	mah	1		- Bartel and	a de ser de s	-		nator		40.0 50.0
CF Step 297.000000 MH Auto Mar	Stop 3.000 GHz .600 ms (1001 pts)	Sweep 3.	FUNCTION	MHz	W 1.0	#VB	×	IHz	.0 N	W 1	rt 30 is Bi	Re
Freq Offset 0 Hz				32 dBm	2	3 GHz	1.880		1	1	N	123456
				**								7 8 9 10 11
		STATUS										150

#### 3GHz~10GHz Band25 5MHz QPSK 1 0 MidCH26365

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Frequency	06:14:50 PM Aug 13, 2018	ALIGN AUTO		SUNSE:19			F 50 D			R
requency	TRACE 1 2 3 4 5 6	pe: Log-Pwr	A	Trig: Free Run		000000 G	11.500	Freq	iter	len
				#Atten: 30 dB	NO: Fast Gain:Low	P				
Mkr3 5.648 GHz -35.86 dBm -1500 cm -1500 cm -150	M					of Offset 13 of 30.00		B/div	10 di	
Center Fre										.og
11.50000000 GH									$\vdash$	10.0
										100 100
	-13.00 dOm									20.0
3.00000000 Gi	01						▲3	_2 <sup>2</sup>		30.0
Ston Er	an interesting the second	- and the second se	the manager	man and a second second	المتحال والمساطر المسا	service.	and the second second	faced	mai	ŧ0.0
20.000000000 G								_		50,0 60,0
CF Ste	Stop 20.000 GHz							000 G	rt 3.	ar
1.700000000 GH Auto Mi	3.33 ms (1001 pts)			1.0 MHz	#VBW			W 1.0	-	
	FUNCTION WALLE	FUNCTION WOTH	FUNCTION	-31.58 dBm	4 GHz	19.18		1 f	N	1
Freq Offs				-34.15 dBm -35.86 dBm	6 GHz 8 GHz	3.76		1 1	NN	2
	+						_		_	5
					_					78
										9
	· · ·				-		1		_	11
		STATUS								sa

### 30MHz~3GHz\_Band25\_5MHz\_QPSK\_1\_0\_HighCH26665

								Analyzer - S			
Frequency	06:17:32 PM Aug 13, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr	A	ENSE:INT		Hz	00000 G		Freq		n R Cen
Auto Tun	r1 1.910 0 GHz	Mk		30 dB	IFGain:Low #Atten:			f Offset 1	-		
	25.51 dBm							f 30.00		B/div	
Center Fre 1.515000000 GH		1									20.0 10.0
Start Fre 30.000000 MH	-13 00 40 1			-	-	-	-				10.00 -10.0 -20.0
Stop Fre 3.000000000 GH	auretaurun deren maader	**************************************	العسويسية	aan to	Serie Martine	en anter	el egen i negel provid	a dia geometria		-	-30 0 -40 0 -50 0 -60 0
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz .600 ms (1001 pts)	Sweep 3.			N 1.0 MH	#VBV			MHz V 1.0	s Bl	Re
	HOWEVER WALKE		FORCH ON		25.61 d	0 0 GHz	1.910		1 1	N	1
Freq Offse 0 H				-						-	34567
											7 8 9 10
	· · ·	1 1		-		-		1	1	_	11
		STATUS									85G

# 3GHz~10GHz\_Band25\_5MHz\_QPSK\_1\_0\_HighCH26665

								Analyzar - Sive			
Frequency	6:17:45 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNN	Log-Pwr	Avg Typ	Run	1	Hz	00000 G		Freq	nte	
Auto Tur	3 5.738 GHz -37.92 dBm	м		0 dB	#Atten: 3	Sain Low	9 dB	Offset 13. f 30.00 d		dB/d	10 0
Center Fre 11.500000000 GR				_						.0	20.0
Start Fre 3.000000000 GH	-1320 404 () <sup>1</sup>							▲3		0	10.0 20.0
Stop Fre 20.000000000 GH	يەرەبىيە، ئەرەبىلەر ئەرەپىيە، ئەرىپىدە يىيە،	le-staryadana	and the second second	0199.3.C.	يەردە»رە»رەلىر	ala ang ang ang ang ang ang ang ang ang an	لىرىيە <sup>يىر</sup> ىرىي	na particular	pen	0	40.0
CF Ste 1.700000000 GH Auto Ma	top 20.000 GHz 3 ms (1001 pts)	weep 28			1.0 MHz	#VBV			.000 G 3W 1.0		
Market Market	FUNCTION VALUE	TION WOTH	ICTION FI	Bm	-32.60 df	GHz		_		N	1
Freq Offs 01				Bm Bm	-34.75 di -37.92 di	5 GHz 8 GHz	3.82		1 1	N	2 4 5 6
											7 8 9
	· ·	-		-	**	-				-	11
		STATUS									53

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### 30MHz~3GHz Band25 10MHz QPSK 1 0 LowCH26090

						_				alyzar - See		ight Spect	
Frequency	E 1 2 3 4 5 6 E NWWWWW T P NNNN	TRAC	Log-Pwr	Avg		Free	Trip	Hz NO: Fast	0000 G	51500	eq 1.	er Fre	ent
Auto Tuni		r1 1.850	Mk			in: 30		Gein:Low	9 dB	ffset 13			_
Center Fre	17 abm	20.4		1		-			IBm	30.00	Ref	/div	0 dE
Start Fre	-13 00 4219					_	_						0.00 10.0
30.000000 Mi	andre die daar en oor		and the second	Jun	t-tops	teres to	-h.104-cum	بماكان سجياه		*****			20.0 30.0 40.0
3.000000000 Gi						-							50,0
CF Ste 297.000000 Mi Auto Mi		Stop 3. 600 ms (1	Sweep 3	KTION			W 1.0 N		×	Hz	.0 M	30 MI BW 1	Res
Freq Offs 01	-					17 dB	26.4	6 GHz	1.850		1	N 1	23456
													7 8 9 10
	•		STATUS										-

#### 3GHz~10GHz\_Band25\_10MHz\_QPSK\_1\_0\_LowCH26090

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Frequency	2 PM Aug 11, 2018 RACE 1 2 3 4 5 6	ro (65,59)) wr 1	ALTON AUTO		SENSE	Hz	DC 00000 G		Freq	ter
	DET P NNNN			n	#Atten: 30 c	NO: Fast	Pf	11.5000	iieq	1.01
Auto Tun	.565 GHz 7.26 dBm							f Offset 13 f 30.00 (		B/div
Center Fre 11.50000000 GH									_	_
Start Fre 3.000000000 GH	-1300 dBm							▲3	2	
Stop Fre 20.000000000 GH	and the second second	****	-to-lease age ad	مىۋلەر يەندانى	homber yetes	ne-delivery	**************************************	in the second	frend also	
CF Ste 1.700000000 Gi Auto M	20.000 GHz (1001 pts)	28.33 m	Sweep 2		1.0 MHz	#VB\		MHz	000 G V 1.0	s Bl
Freq Offs 01	6			PONEITO	-31.94 dBn -34.46 dBn -37.26 dBn	2 GHz 0 GHz 5 GHz	3.71			NNN
		ATUS	STATU							

# 30MHz~3GHz\_Band25\_10MHz\_QPSK\_1\_0\_MidCH26365

								nalyzar - Sv			
Frequency	13:19 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	e: Log-Pwr	Avg T	Run		IZ	0000 G	.51500	req 1		R Cer
Auto Tun	.877 3 GHz 26.71 dBm	Mkr		0 dB	#Atten: 3	GaintLow	9 dB	Offset 13 30.00		B/div	0 d
Center Fre 1.515000000 GH			1								og 20.0 10.0
Start Fre 30,000000 MH	-13 00 dDn										0.0
Stop Fre 3.000000000 GH	and an	an a	ويفيدا أحي	- tow			angua Kapinaman da				40.0 50.0
CF Ste 297.000000 MH Auto Ma	op 3.000 GHz ms (1001 pts)	Sweep 3.0	CTON 1		1.0 MHz	#VBV	×		MHz 1.0 N	_	Re
Freq Offse 0 H	6				26.71 dE	3 GHz	1.877		1 1		12345678
		STATUS									9

#### 3GHz~10GHz Band25 10MHz QPSK 1 0 MidCH26365

Keysight Spectrum Analyzer - Swept SA					
RL IU 50 D DC		SENSE:INT	ALIGN AUTO		Frequency
Center Freq 11.5000000		Trig: Free Run	Avg Type: Log-Pw	TRACE 123456	
	PNO: Fast	#Atten: 30 dB		DET P NNNN	Auto Tur
Ref Offset 13.9 dB 0 dB/div Ref 30.00 dBm				Mkr3 5.648 GHz -37.88 dBm	AutoTur
.og					Center Fre
10.0	_				11.500000000 GH
0.00					
0.0			_	-13 00 dDn	Start Fre
20.0 30.0 \rightarrow 2 \rightarrow 3				01	3.00000000 Gi
	-	a south and reasons	and a strange and a strange and	المعالية مندم المتجانية المجرم المرايل لماده	
50.0					Stop Fre 20.000000000 G
50.0					20.000000000
tart 3.000 GHz Res BW 1.0 MHz	#\/B\	( 1.0 MHz	Swaan	Stop 20.000 GHz 28.33 ms (1001 pts)	CF Ste
REMOGRAPHICS SCI	<b>"</b> (B)		EUSCIION   EUSCIION WO	, , ,	Auto M
1 N 1 1	19.371 GHz	-31.79 dBm			
2 N 1 f	3.765 GHz 5.648 GHz	-34.47 dBm -37.88 dBm			Freq Offs
4	9.949 914	-57.99.9200			01
5				6	
6					
8					
9					
10					

#### 30MHz~3GHz\_Band25\_10MHz\_QPSK\_1\_0\_HighCH26640

Keysight Spectrum Analyzer - Sv					
Center Freq 1.5150	00000 GHz	Trig: Free Run	Avg Type: Log-Pwr	06:06:45 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 Type Museum	Frequency
Ref Offset 1 10 dB/div Ref 30.00		#Atten: 30 dB	Mk	r1 1.907 0 GHz 26.46 dBm	Auto Tune
20.0 10.0			71		Center Free 1.515000000 GH
-10.0 -20.0 -30.0				-13.03 42m	Start Free 30.000000 MH
40.0 50.0 60.0	ang pang tang sa kang tang tang tang tang tang tang tang t	an a	and beneral records and and	haddeney har Mart and year and a second	Stop Free 3.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBM	/ 1.0 MHz	Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Stej 297.000000 MH Auto Ma
1 N 1 f 2 3 4 5 6 7 8	1.907 0 GHz	26.46 dBm			Freq Offse 0 H
9 10 11 11			STATUS		

# 3GHz~10GHz\_Band25\_10MHz\_QPSK\_1\_0\_HighCH26640

							knalyzar - Sive			
Frequency	06:06:57 PN Aug 13, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWW DET P NWNNN	Type: Log-Pwr	n	Trig: Free R	Hz NO: Fest	00000 0	11.5000	Freq		Cen
Auto Tun	1kr3 5.730 GHz -38.02 dBm	N	•	#Atten: 30 d	GaintLow	9 dB	Offset 13. 30.00 d		B/div	
Center Fre 11.500000000 GH										.0g 20.0 10.0
Start Fre 3.000000000 GH	-1300 dBn						▲ <sup>3</sup>		E	0.0
Stop Fre 20.000000000 GH	angu panu akihiri kuana ir	(mater - mallenney ager	- Colonaci	periodi di secono	And make the state	an air an	in the second second	man	-	0.0 0.0
CF Ste 1.700000000 GI Auto M	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		1.0 MHz	#VB		iz ViHz	.000 G W 1.0	nt 3. es Bi	tai Re
Auto Ma	FUNCTION VALUE	FUNCTION WOTH	FUNC	-31.91 dBm	2 GHz	×	_			
Freq Offs				-31.91 dBm -35.44 dBm -38.02 dBm	0 GHz 0 GHz	3.82			222	1 2 3 4 5
					-					6 7 8 9
					-					11
		STATUS								50

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# 30MHz~3GHz Band25 15MHz QPSK 1 0 LowCH26115

					_				Analyzar - Sv			
Frequency	Aug 11, 2018 E 1 2 3 4 5 6 E NWWWW T P NNNN	TRAC	Log-Pwr	Avg Typ	Run	1	Hz PNO: Fast *	00000 G		Freq		Cen
Auto Tune		r1 1.850	Mk			#Atten: 30	PNO: Fast = FGain:Low	1 3.9 dB	Offset 1		B/div	10.4
Center Fre 1.515000000 GH				71					1 30.00		F	20.0 10.0
Start Fre 30.000000 MH	-13.00 401						-			_		0.00 10.0 20.0 30.0
Stop Fre 3.000000000 GH		ىۋەسپەتەيمەرىيەتە 1	e-14-4e	Neaward	action of the last		الدار هر بالانتخاط	under	in the second second		-	40.0 60.0
CF Ste 297.000000 Mi Auto Mi		Stop 3. .600 ms (*	Sweep 3		FUI	/ 1.0 MHz	#VB	×		MHz V 1.0	s Bl	Re
Freq Offs 0 F	่				m	26.92 dB	0 6 GHz	1.850		1 1	N	123456
												6 7 8 9 10 11
			STATUS							-	_	450

### 3GHz~10GHz\_Band25\_15MHz\_QPSK\_1\_0\_LowCH26115

-co- 4				_			_	and 50	Amalyzar - Sie	and an inclusion	naishi 1	1.16
	14 PM Aug 13, 2018	05:40:14	ALIGN AUTO		NSE:INT	SU		DC	50 12	1 10	L	R
Frequency	RACE 1 2 3 4 5 6	TR	e: Log-Pwr	Avg T	- Dun	Trig: Free	SHz	000000	11.5000	Freq	ter	en
	DET P NNNNN					#Atten: 3	NO: Fast . Gain:Low					
Auto Tur	6.56 dBm		n						Offset 13 f 30.00 d		B/div	0 d
Center Fre												.og
11.500000000 GH												10.0
	_	-	-	-			-					0.00
Start Fre	-13.00 (0)1									_		10,0
3.00000000 GH	1	-		-		-	-		A3	2		20.0
	market approved to	a company	man	- Marrie	and works	-	a mante	- Alexander	Inden Streen (	han	1 3	30.0
Stop Fr							1					0.0
20.000000000 G												0.0
CF St	20.000 GHz	Stop 2							4.	00 G	L_	
1.700000000 G	s (1001 pts)		Sweep 2			W 1.0 MHz	#VB			V 1.0		
Auto M	CTONWALLE -	EUNIC	NOTION WOTH	NUTION		Ý		ж	_	160 50		
		-			Bm	-31.67 di -35.33 di	8 GHz	19.04		1 1	NN	12
Freq Offs		-			Bm	-36.56 di	3 GHz	5.57		1 1	N	4
0											_	5
					-		-				-	6
		-								_	-	89
											_	10
		1			1		-			-	-	-
		us	STATU									50
												-

# 30MHz~3GHz\_Band25\_15MHz\_QPSK\_1\_0\_MidCH26365

								inalyzar - So			
Frequency	05:48:50 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P N N N N N	Type: Log-Pwr	Avg	ree Run		IZ	00000 GI	.5150	req 1		Cen
Auto Tune	r1 1.877 3 GHz 26.65 dBm	Mk			#Atten:	Gain:Low	IF I.9 dB	Offset 13		B/div	10 d
Center Fred 1.515000000 GHz			71								20.0 10.0
Start Free 30.000000 MHz	-13.03 dDn								-		-10.0 -20.0
Stop Free 3.000000000 GH2	and general and a sector design	and the second	and tem	and seattle	and the state of the		al de inc. e de secon		~~~~	prigrid	40.0 60.0
CF Step 297.000000 MH Auto Mar	Stop 3.000 GHz .600 ms (1001 pts)	Sweep 3.	EUNCTION	lz	V 1.0 MH	#VBV			VIHz 1.0 M	_	#Re
Freq Offset 0 Ha	6			dBm	26.65	3 GHz	1.877		1 1	N	1 2 3 4 5 6 7
											8 9 10 11
	5	STATUS									850

#### 3GHz~10GHz\_Band25\_15MHz\_QPSK\_1\_0\_MidCH26365

Center Fred         11.5000         Status         Arg         Arg         Status         Arg         Arg <th>ency</th>	ency
Bet Offset 13 ells         Mkr3 5.648 GHz         Att           0 db/w         Ref 30.00 dBm         -37.94 dBm         Cer           0 db/w         Ref 30.00 dBm         -37.94 dBm         Cer           0 db/w         Ref 30.00 dBm         -37.94 dBm         Stop           0 db/w         Ref 30.00 dBm         -39.94 dBm         Stop           0 db/w         Ref 30.00 dBm         -39.94 dBm         Stop           0 db/w         Ref 30.00 dHz         Stop 20.000 dHz         Stop 20.000 dHz           1.70000         Stop 20.000 dHz         1.70000         Auto           0 db/w         11 5.95 GHz         -37.94 dBm         Junit 1           1 h         1 1.95 GHz         -37.94 dBm         Junit 1           1 h         1 1.9765 GHz         -37.94 dBm         Junit 1           1 h         1 1.9765 GHz         -37.94 dBm         Junit 1           1 h         1 1.9765 GHz	reney
Ref Offset 13.9 dB         IMK7 3.0-646 GHz           0 dBiddiv         Rf 30.00 dBm         -37.94 dBm           1 dBiddiv         Rf 40 dBm         -37.94 dBm <t< th=""><th>ito Tur</th></t<>	ito Tur
370         Cer           100	no rui
ab	ter Fre
0	0000 GI
N         1         3.666 GHz         3.794 dBm         3.794 dBm         3.794 dBm         5.774	
1         2         3         4         3         3         3         3         3         3         3         4         3         3         3         3         3         3         3         4         3         3         3         3         3         3         3         3         4         4         4         4         4         3         4         3         4         3         4         3         4         4         4         4         4         4         4	artFr
Stop         Stop <th< td=""><td>0000 G</td></th<>	0000 G
0.0         1.0 <td>top Fr</td>	top Fr
Res BW 1.0 MHz         #VBW 1.0 MHz         Sweep 28.33 ms (1001 pts)         1/1000           028 0002 102 021         X         X         X         1/2000         Auto         Auto           028 0002 102 021         X         X         X         1/2000         FUNCTION WOOD         FUNCTION WOOD         Auto         Auto           2         N         1         3.756 GHz         -3.754 dBm         FUNCTION WOOD         FUNCTION WOO	
SEDECE (LG 24) 29, 843 GHz 3210 dBm 2005100 FUELD TOTAL OF TOTAL O	CF Ste
2 N 1 f 3766 GHz 3478 dBm N 1 f 6.648 GHz 37.94 dBm 6 6 6 6 7 7 7 8 4 4 7 8 7 8 4 7 8 7 8 4 7 8 7 8	M
4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
6	q Offs
8	
9	

### 30MHz~3GHz\_Band25\_15MHz\_QPSK\_1\_0\_HighCH26615

Keynight Spectrum Analyzer - S R.L. III Sin					-DØ
Center Freq 1.5150	D DC D00000 GHz PN0; Fast	Trig: Free Run	Avg Type: Log-Pwr	05:51:38 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWW DET P NNNNN	Frequency
Ref Offset 1	IFGain:Low	#Atten: 30 dB	M	kr1 1.901 1 GHz 26.39 dBm	Auto Tune
20.0 10.0			*1		Center Fred 1.515000000 GH
-10.0					Start Free 30,000000 MHz
40.0 50.0 60.0		alariy S. M. Son ( Sec. Barrison )	and have a second and a second s	a faran a san a	Stop Free 3.00000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 3	Stop 3.000 GHz 3.600 ms (1001 pts)	CF Stej 297.000000 MH Auto Ma
4 6 7	1.901 1 GHz	26,39 dBm		e	Freq Offse 0 H
7 8 9 10					

# 3GHz~10GHz\_Band25\_15MHz\_QPSK\_1\_0\_HighCH26615

Keysight Spectrum A					the second s	
Center Freq 1	11.500000000 GH	East Like Trig: Free Ru	Avg Type	Log-Pwr	05:51:51 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Frequency
	0ffset 13.9 dB f 30.00 dBm	niLow #Atten: 30 dl	3	м	kr3 5.723 GHz -37.73 dBm	Auto Tun
20.0 10.0						Center Fre
20.0 20.0 30.0 $\bigcirc^2$	3				-1300 4034 0	Start Fre
10.0 50.0 50.0	an and the second states and the second stat	-102-102-0-01200-0-0120-0-012	fyll (slowerster	9.000	يلي من شور ور المراجع من المراجع م المراجع المراجع المراجع المراجع المراجع	Stop Fre 20.000000000 GH
tart 3.000 GH Res BW 1.0 M		#VBW 1.0 MHz		Sweep 28	Stop 20.000 GHz 33 ms (1001 pts)	CF Ste 1.700000000 GH
RE MODE THE SOL		Y	FUNCTION FUN	ICTION WOTH	FUNCTION WALVE	Auto Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 5	18.810 ( 3.815 ( 5.723 (	GHz -34.90 dBm				Freq Offs 01
6 7 8 9				_		
ii				-		
50				STATUS		

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台灣檢驗科技股份有限公司



# 30MHz~3GHz Band25 20MHz QPSK 1 0 LowCH26140

	ctrum Analyzer - Swept S						
Center Fr	eq 1.5150000		Trig: Free Run	Avg Typ	e: Log-Pwr	04:57:13 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MUNICIPAL DET P NNNNN	Frequency
10 dB/div	Ref Offset 13.9 d Ref 30.00 dBr	IFGain:Low B	#Atten: 30 dB		Mk	r1 1.850 6 GHz 26.68 dBm	Auto Tuni
20.0 10.0				1			Center Fre 1.515000000 GH
10.00 10.0 20.0				-		-13.00 404	Start Fre 30.000000 MH
40.0 promotion 50.0			and an	and leaders	d		Stop Fre 3.00000000 GH
tart 30 N Res BW	1.0 MHz	#VBW	1.0 MHz	JACTION   FU		Stop 3.000 GHz .600 ms (1001 pts)	CF Ste 297.000000 Mi Auto Mi
1 N 1 2 3 4 5 6	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	1.850 6 GHz	26.68 dBm			+	Freq Offs
6 7 8 9 10 11							
*					STATUS		

#### 3GHz~10GHz\_Band25\_20MHz\_QPSK\_1\_0\_LowCH26140

Keysight Spectrum Analyzer - Swept SA					
Center Freq 11.50000000	0 GHz	Trig: Free Run	Avg Type: Log-Pwr	04:57:26 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
Ref Offset 13.9 dB	IFGain:Low	#Atten: 30 dB		Akr3 5.580 GHz -35.72 dBm	Auto Tune
10 dB/div Ref 30.00 dBm				-35.72 dBm	Center Free
10.00 -10.0 -20.0				-13.00 401	Start Free
-60.0	alow) with marked	ور به مرد موجود بارو المرد مرد مرد مرد مرد مرد مرد مرد مرد مرد	ellenie-elsenierstanser	ala manager and a second and a se	Stop Fre 20.00000000 GH
Start 3.000 GHz #Res BW 1.0 MHz	#VBW	/ 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GH Auto Ma
2 N 1 f	9.966 GHz 3.720 GHz 5.580 GHz	-32.07 dBm -35.90 dBm -35.72 dBm	PURICION WOTH	FUNCTION VALUE	Freq Offse
6 7 8 9 10					
ANSG			STATU	*	

# 30MHz~3GHz\_Band25\_20MHz\_QPSK\_1\_0\_MidCH26365

Keynight Spectrum Analyzer - Si					
enter Freq 1.5150		Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	05:00:07 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 1 0 dB/div Ref 30.00	Auto Tun				
0.0			71		Center Fre 1.515000000 GH
0.0				-13 03 dDs	Start Fre 30.000000 MH
0.0	ملثورجتين كالغيميلين وال	energiant describitions	and the second s		Stop Fre 3.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 3	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
N 1 1 3 4 6 7	1.874 4 GHz	26.70 dBm			Freq Offse 0 H
8 9 10					

#### 3GHz~10GHz\_Band25\_20MHz\_QPSK\_1\_0\_MidCH26365

	05:00:19 PM Aug 13, 2018	ALIGN AUTO		SENSE:1		IUF 50 D		RL
Frequency	TRACE 1 2 3 4 5 6 TYPE NUMBER DET P NNNNN	e: Log-Pwr		Trig: Free Ru	000000 GHz PNO: Fast	11.5000	er Frec	ent
Auto Tur				#Atten: 30 dB	IFGain:Low			
Auto Tu	1kr3 5.648 GHz -37.72 dBm	M				ef Offset 13. ef 30.00 d		dB
Center Fre								0.0
11.50000000 G								0.0
Start Fr	-13.03 45m							0.0
3.000000000 G	1					_3_	2	0.0
Stop Fr	and a for the second and a second		Condition of the second	an an an a state of the second	and the second second	many	and the second	0.0
20.000000000 G								0.0
CF St 1.70000000 G	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 28		SW 1.0 MHz	#VE		3.000 G	
Auto M	FUNCTION VALUE	NOTE NAME OF	FUNCTION	Ŷ	×		OLE THE S	
				-32.05 dBm	19.116 GHz	f		
				-35.06 dBm -37.72 dBm	3.765 GHz 5.648 GHz	f f	N 1 N 1 N 1	3
				-35.06 dBm -37.72 dBm	3.765 GHz 5.648 GHz	; 		4
				-35.06 dBm -37.72 dBm	3.766 GHz 5.648 GHz	ł		4 5 6 7 8
Freq Offs 01				-35.06 dBm -37.72 dBm	3.765 GHz 5.648 GHz		N 1 N 1	3   4 5 6 7

### 30MHz~3GHz\_Band25\_20MHz\_QPSK\_1\_0\_HighCH26590

								knalyzar – S			
Frequency	THACE 1 2 3 4 5 6	vg Type: Log-Pwr		Real Prop		z	00000 G	1.5150	req 1		Cen
Auto Tune	IFGalation         #Atten: 30 dB         DEFERMINANT           IFGalation         #Atten: 30 dB         MKr1 1.895 2 GHz           J0 dBJdiv         Ref 30.00 dBm         25.31 dBm										
Center Fred 1.515000000 GHz		1									20.0 10.0
Start Free 30.000000 MHz	-13 00 dDa								-		-10.0 -20.0
Stop Free 3.000000000 GH	allen and a second hap doesn't	Law bir an and the a	monord		ante til strant		ay - 4 de avez			and a share	-40.0 -50.0 -60.0
CF Stej 297.000000 MH Auto Ma	Stop 3.000 GHz 00 ms (1001 pts)	Sweep 3.	FUNCTION	z	/ 1.0 MH	#VBV	×		1.0 1	t 30 N s BW	#Re
Freq Offse 0 H				IBm	25.31 d	2 GHz	1.895		1 1	N 1	1 2 3 4 5 6 7
											8 9 10 11

# 3GHz~10GHz\_Band25\_20MHz\_QPSK\_1\_0\_HighCH26590

Keysight Spectrum Analyzer - Sw					-c 44
Center Freq 11.5000		Trig: Free Run	Avg Type: Log-Pwr	05:03:10 PM Aug 13, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	Frequency
Ref Offset 13	IFGain:Low	#Atten: 30 dB	N	lkr3 5.715 GHz -37.30 dBm	Auto Tune
20.0					Center Free 11.500000000 GH
10.0 20.0 30.0				-1300 dan	Start Free 3.000000000 GH
40.0	t	ipin yana dan salahiya ku	an a	ingere and an of the second	Stop Fre 20.000000000 GH
start 3.000 GHz Res BW 1.0 MHz	#VBW	1.0 MHz		Stop 20.000 GHz 3.33 ms (1001 pts)	CF Ste 1.700000000 GH Auto Ma
M02 M020 112 SOL 1 N 1 f 2 N 1 f 4 6 6 7 7 8 8 9 9	x 18.776 GHz 3.810 GHz 5.716 GHz	-30.93 dBm -34.61 dBm -37.30 dBm	FUNCTION FUNCTION WOTH	EUNICION VALUE	Freq Offse 0 H
11		**			

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台灣檢驗科技股份有限公司



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

0 0							Analyzar - So	pht Spectru		
Frequency	11:26:04 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NUMBER DET P NNNNN	pe: Log-Pwr	A	Trig: Free Ru	Z	00000 GH		r Free	Cent	
Auto Tu	Ref Offset 13.6 dB Mkr3 2.444 1 GHz 0 dB/div Ref 30.00 dBm -36.19 dBm									
Center Fre 1.515000000 GH						¥1			.og 20.0 10.0	
Start Fre 30.000000 MH	-10.00.40+								0.00 10.0 20.0	
Stop Fre 3.000000000 GH		al and a second s	2		the gran dia provide state	- And		~~~	40,0 60,0 60,0	
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 0 ms (1001 pts)	Sweep 3.	FUNCTION	1.0 MHz	#VBV			30 MH BW 1.0	Res	
Freq Offse 0 H	6			26.65 dBm -39.68 dBm -36.19 dBm	1 MHz 4 GHz 1 GHz	814. 1.629 2.444		1	1 2 3 4 5 6	
									7 8 9 10 11	
		STATUS							150	

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

Keynight Spectrum Analyzer - Swept S					
Center Freq 6.500000	DOO GHz	Trig: Free Run	Avg Type: Log-Pwr	11:26:17 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
Ref Offset 13.6 (	IFGain:Low	#Atten: 30 dB	,	Mkr1 5.114 GHz -33.21 dBm	Auto Tune
20.0 10.0					Center Fre 6.500000000 GH
-10.0	1			-13.00 dDn	Start Fre 3.000000000 GH
	aliter diana diana	ويعار البروي والعال علي سيدانه و	an a	laguyari Mulusia yi anyari Muda	Stop Fre 10.000000000 GH
Start 3.000 GHz #Res BW 1.0 MHz	#VBV	/ 1.0 MHz	Sweep 1	Stop 10.000 GHz 1.67 ms (1001 pts)	CF Ste 700.000000 Mi Auto Ma
1 N 1 f 2 3 3 4 5 6	5.114 GHz	-33.21 dBm			Freq Offs 0 F
7 8 9 10 11					
190			STATU	5	

# 30MHz~3GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_MidCH26865

Keysight Spectrum Analyzer - Swept SA			the second second		-o- 4
Center Freq 1.5150000	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	11:28:56 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Frequency
Ref Offset 13.6 d	IFGein:Low B	#Atten: 30 dB	Mk	r3 2.494 5 GHz -36.91 dBm	Auto Tune
00	*1				Center Free 1.515000000 GH
20.0		×2		-1300 dan	Start Free 30.000000 MH
40.0 50.0 50.0			ally year front all for a fragment of the		Stop Free 3.000000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 3	Stop 3.000 GHz 600 ms (1001 pts)	CF Stej 297.000000 MH Auto Ma
1 N 1 f 2 N 1 f 4 5 6 7	831.9 MHz 1.663 0 GHz 2.494 5 GHz	26.67 dBm -39.10 dBm -36.91 dBm			Freq Offse 0 H
8 9 10					

#### 3GHz~10GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_MidCH26865

									trum Analyzar -	right Spec	
Frequency	AM Aug 20, 2018	TRA	Log-Pwr	Avg Ty	Free Run	Triot	GHz	000000 (		er Fr	eni
Auto Tur	665 GHz	Akr1 3.6	N		n: 30 dB		IFGain:Low	13.6 dB	Ref Offset Ref 30.0		10 dE
Center Fr 6.500000000 Gi		-00.						Uasm	Ref 30.0	Vdiv	.og 20.0 10.0
Start Fr 3.00000000 G	-13.00 dDm								1		0.0
Stop Fr 10.000000000 G	ulfathiun aite	نية وارا <sup>ني</sup> ما يتجرر	addropha Hollow	an olar wi	-	herena	***	*****	and a start and a start and a start a s	the last	0.0
CF Sto 700.000000 M Auto M	0.000 GHz (1001 pts)	Stop 10 1.67 ms (	Sweep 1		IHz	3W 1.0 M	#VB		0 GHz 1.0 MHz		
AUTO M	TICIN WALUE	FUNCT	ICTION WOTH	INCTION	7 dBm	-33.5	3.665 GHz	× 3		N 1	
Freq Offs 0											2345
										+	6 7 8 9
					-				1 1	1	11
		5	STATUS								503

### 30MHz~3GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_HighCH27033

Keysight Spectrum Analyzer - S					
Center Freq 1.5150	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	11:31:32 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 Trace Number	Frequency
Ref Offset		#Atten: 30 dB	Mk	r3 2.544 9 GHz -35.78 dBm	Auto Tune
20.0 10.0	¥1				Center Free 1.515000000 GH
-10 D -20 0 -30 0				-1300 dDm	Start Free 30.000000 MH
40.0 50.0 60.0	eren eren der er er eren eren eren eren	and second second	and and a second a s		Stop Free 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBV	V 1.0 MHz	Sweep 3	Stop 3.000 GHz .600 ms (1001 pts)	CF Step 297.000000 MH Auto Ma
1 N 1 1 2 N 1 1 3 N 1 1 4 5 6 7	846.8 MHz 1.696 6 GHz 2.544 9 GHz	26.32 dBm -39.16 dBm -35.78 dBm			Freq Offse 0 H
8 9 10 11					

# 3GHz~10GHz\_Band26\_1\_4MHz\_QPSK\_1\_0\_HighCH27033

Keynight Spectrum Analyzer - Swept SA			
RL IF 50 D DC Center Freq 6.500000000	GHz PNO: Fast Trig: Free Run	ALIGH AUTO 11:31:43 AM Aug 20 Avg Type: Log-Pwr TRACE [: 2 3 TYPE MWA DET P NK	45.6 Frequency
Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm	FN0: Fast #Atten: 30 dB	Mkr1 4.708 G -32.77 dl	Hz Auto Tune
00 20.0 10.0 10.0			Center Free 6.500000000 GH
30.0 20.0 30.0	1		Start Fre 3.000000000 GH
40.0 married and a second s	ะประมศักรณ์ เป็นของสารแรงเป็น - กระบบการเหติดเขาเป็นกระบบ	fanse of a land and a land a	Stop Fre 10.00000000 GH
Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 10.000 0 Sweep 11.67 ms (1001 FUNCTION FUNCTION FUNCTION	pts) 700.000000 MH
	4.708 GHz -32.77 dBm		Freq Offs
esol		STATUS	· ·

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### 30MHz~3GHz Band26 3MHz QPSK 1 0 LowCH26705

								Analyzar - See			
Frequency	28 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	TR.	e: Log-Pwr		Trig: Free Ru	Z	0000 GH	1.51500	req		Cen
Auto Tur	446 5 GHz	kr3 2.44	Mk		#Atten: 30 dB	Gein/Low	iFi 6 dB	Offset 13		B/div	0.4
Center Fre 1.515000000 GH							*1	1 30.00 1			og 20.0 10.0
Start Fre 30.000000 MH	-13.00 dDa	A <sup>3</sup>		2					_		10.0 10.0 20.0
Stop Fre 3.000000000 GH	an a gain an	-	det manual	2	nt-oni-sitisette carle			ante de monte		- HARRING	40.0 50.0
CF Ste 297.000000 MH Auto Ma	p 3.000 GHz s (1001 pts)	3.600 ms			1.0 MHz	#VBV			1.0	t 30 I s BW	Re
Freq Offs	e de la companya de l	FUNC	NOTON WORK	FUNCTIO	27.01 dBm -39.15 dBm -35.69 dBm	1 MHz 0 GHz 5 GHz	814. 1.631 2.446		1	N N N	123456
											7 8 9 10 11
		s	STATUS								50

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

Keysight Spectrum #					
enter Freq t	50 D DC 5.500000000 GHz PN0: Fast	Trig: Free Run	Avg Type: Log-Pwr	11:11:50 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
0 dB/div Ref	Offset 13.6 dB	#Atten: 30 dB		Akr1 5.842 GHz -32.42 dBm	Auto Tun
og 20.0 10.0					Center Fr 6.500000000 G
		1		-13 03 dDr	Start Fr 3.000000000 G
	interpretation of the second states and the second states and the second states and the second states are as the	ayan a kananan kang ang kana	an an airte an airte an an airte an air	And the second	Stop Fr 10.000000000 G
art 3.000 GH les BW 1.0 F	VHz #V	BW 1.0 MHz	Sweep 1	Stop 10.000 GHz 1.67 ms (1001 pts)	CF SI 700.000000 N Auto N
N 1 1 2 3 4	5.842 GHz	-32.42 dBm			Freq Off
6 7 8 9 0					
0			STATU	5	

# 30MHz~3GHz\_Band26\_3MHz\_QPSK\_1\_0\_MidCH26865

							en Analyzar - S	ight Spect	Bill Kary
Frequency	11:14:23 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Avg Type: Log-Pwr		Trig: Free R	IZ NO: Fast	00000 GH	q 1.5150	er Fre	
Auto Tune	r3 2.494 5 GHz -36.56 dBm	Mk	B	#Atten: 30 d	Gein:Low	3.6 dB	tef Offset 1 tef 30.00		lo di
Center Fre 1.515000000 GH						¥1			og 20.0 10.0
Start Fre 30.000000 MH	-13 00 dGm		<u>^2</u>						0.0
Stop Fre 3.000000000 GH	مىلىزىرىدىلەرمە، مەدەبە مىل ھىدە	nan da an	dest under	d. 1949-1493.000-				1-19-1-1-19-1	40,0 50,0
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)		FLINE	1.0 MHz	#VB		0 MHz	30 MH BW 1	Re
Freq Offse 0 H				26.81 dBm -37.68 dBm -36.66 dBm	9 MHz 0 GHz 5 GHz	1,663	1	N 1 N 1 N 1	1234567
				n					8 9 10 11
		STATUS							53

#### 3GHz~10GHz Band26 3MHz QPSK 1 0 MidCH26865

						m Analyzar - Sve	ight Spectra	
Frequency	11:14:36 AM Aug 20, 2018 TRACE 1 2 3 4 5 6	ALIGN AUTO		567656:17	DC.	NF 50 D	_	RI
	TYPE NWWWWW	Avg Type: Log-Pwr		Trig: Free Run	req 6.50000000 GHz PNO; Fest			Jen
	DETPNNNNN				IFGain!Low			
Auto Tur	lkr1 3.854 GHz -33.97 dBm	N				ef Offset 13 tef 30.00 c		10 dE
Center Fr								20.0
6.500000000 G								10.0
0.500000000								1.00
Start Fr	-13 00 dDm							0.0
3.000000000 G		-				A1		20.0
	and the second second					•		0.0
Stop Fre	a picture and the second and the second	april strategication	All In The sea	and the second second	entrustra and the second	and the second	and sold	0.0
							_	50,0
10.00000000								0.0
CF St	Stop 10.000 GHz					aHz	3.000	tar
700.000000 M	1.67 ms (1001 pts)	Sweep 1		1.0 MHz	#VBV		BW 1.	
Auto M	FUNCTION VALUE	UND FOR WARDING	FUNCTION	Ŷ	×	00	ILE THE	25
				-33.97 dBm	3.854 GHz	f	N 1	1
Freq Offs						-	-	2
0						-		4
								6
								7
						_		9
								1
		STATUS						R

#### 30MHz~3GHz\_Band26\_3MHz\_QPSK\_1\_0\_HighCH27025

			-				am Analyzar - S	Spectru	yaight 3
Frequency	11:17:37 AN Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Type: Log-Pwr		Trig: Free Ru	Z	00000 GH	q 1.5150	Free	
Auto Tuni	r3 2.542 5 GHz -36.02 dBm	IFGelniLow Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm							
Center Free 1.515000000 GH						¥1			
Start Free 30.000000 MH:	-13.00 a5m		<u>^2</u>						
Stop Free 3.000000000 GH		an a				ann alles			source of
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	ELINET	1.0 MHz	#VBV		0 MHz	N 1.	nt 30 IS BV
Freq Offse 0 H				26.42 dBm -37.65 dBm -36.02 dBm	8 MHz 0 GHz 5 GHz	846.8 1.695 ( 2.542 )	1	1	NNN

# 3GHz~10GHz\_Band26\_3MHz\_QPSK\_1\_0\_HighCH27025

	Analyzer - Swept SA				
	6.500000000 G		Avg Type: Log-Pwr	11:17:50 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TUPE Mutation	Frequency
10 dB/div R	of Offset 13.6 dB	PNO: Fast Trig: Free Ru IFGainiLow #Atten: 30 dB		Mkr1 4.855 GHz -33.19 dBm	Auto Tun
20.0 10.0					Center Fre 6.50000000 GH
10.0 20.0 30.0	•	1		-13 03 dDn	Start Fre 3.000000000 GH
40.0 50.0 50.0	ar south a south a start	and the second	teleportugi televisione de televisione de la constanti de la constanti de la constanti de la constanti de la co	1 martin and a second	Stop Fre 10.00000000 GH
tart 3.000 G Res BW 1.0	MHz	#VBW 1.0 MHz		Stop 10.000 GHz 11.67 ms (1001 pts)	CF Ste 700.000000 Mi Auto M
1 N 1 f 2 3 4		855 GHz -33.19 dBm	FUNCTION FUNCTION WOTH	FURIETICIA WALUE	Freq Offs
5 6 7 8 9					
11	-			· · ·	

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

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

0 4 2			-				trum Analyzar - S		
Frequency	11:00:38 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE M	ype: Log-Pwr		Trig: Free Ru	Hz	00000 GH	eq 1.5150		
Auto Tun	3 2.449 5 GHz -36.83 dBm	Mk		#Atten: 30 dB	Gain:Low	1F	Ref Offset 1 Ref 30.00	B/div	
Center Fre 1.515000000 GH						×1	Rel 30.00	Bidiv	20.0 10.0
Start Fre 30.000000 MH	-1300-454								0.00 10.0 20.0 30.0
Stop Fre 3.000000000 GH	incades photospheric	en e	2 Junio					(ALCONOME)	40.0 60.0
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 500 ms (1001 pts)	Sweep 3.		1.0 MHz	#VB		Hz 1.0 MHz	t 30 M s BW 1	
Freq Offse 0 H	FUNCTION VALUE	FUNCTION WOTH	FUNCT	26.63 dBm -38.67 dBm -36.83 dBm	1 MHz 0 GHz 5 GHz	1,633	1 1 1	N 1 N 1 N 1	1 2 3 4 5
									6 7 8 9 10
	,	STATUS							150

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

DO GHz PNO: Fast IFGsiniLow	Trig: Free Run #Atten: 30 dB	Auton Auro Avg Type: Log-Pwr	11:00:52 AM Aug 20, 2011 Tree H ANNAN Mkr1 3.861 GHz -33.80 dBm	Auto Tune
IFGain:Low	#Atten: 30 dB		Mkr1 3.861 GHz	Auto Tune
			-13 00 434	Start Fre 3.000000000 GH
instation of the contraction	ye ye han a si waa ka ahaan	bler Millingerspinsselfer anderspinsterer	ารสระสาราชสารัฐสุดราการการ	Stop Fre 10.000000000 GH
#VBV				CF Ste 700.000000 M Auto M
3.861 GHz	-33.80 dBm			Freq Offs
	#VBV	#VBW 1.0 MHz	#VBW 1.0 MHz Sweep	#VBW 1.0 MHz Sweep 11.67 ms (1001 pts) 3.861 GHz

# 30MHz~3GHz\_Band26\_5MHz\_QPSK\_1\_0\_MidCH26865

Big         Big <th>C) Feat — Trig: Free R Atten: 30 d</th> <th>Avg Type: Log-Pwr TRACE 1 2 3 4 5 6 Frequency</th>	C) Feat — Trig: Free R Atten: 30 d	Avg Type: Log-Pwr TRACE 1 2 3 4 5 6 Frequency
Bet Offset 13 d BB           Log         Ref Offset 13 d BB           Log         1           10         1           100         1           000         0           300         0           300         0           300         0           300         0           300         0	#Atten: 30 d	Mkr3 2.494 5 GHz -35.41 dBm -1.5100000 0H -130000 M
		1.51500000 GH
	and may be realisted to be serviced and	30,00000 MH
0.0	Ang tradition of the second	and the second s
		Stop Fre 3.00000000 GH
tart 30 MHz Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 3.000 GHz Sweep 3.600 ms (1001 pts) Auto Ma
1 N 1 f 228.9 2 N 1 f 1.663.0 A 1 f 2.494.6 5 6 7	GHz -39.14 dBm	n n

#### 3GHz~10GHz Band26 5MHz QPSK 1 0 MidCH26865

-c- 4								am Analyzar - S	ht:Spectr	
Frequency	M Aug 20, 2018		ALIGN AUTO		SENSE:1			HF 50	_	RL
	ETPNNNNN	TV	pe: Log-Pwr	Avg	Trig: Free Ru	GHZ PNO: Fast -+	000000 G	q 6.5000	r Fre	ente
	ET P NNNNN	D			#Atten: 30 dB	IFGain:Low				
Auto Tur	354 GHz 13 dBm	Mkr1 3.8 -34.	N					Ref Offset 1 Ref 30.00		dB/
Center Fr										10.0
6.500000000 G										0.0
			-					_		1.00
StartFr	-13.00 401		-				_	+		0.0
3.000000000 G		-	-			-		▲1		0.0
	-	and more thanks	فالمذوا سياسوا ومرجه	una marchile	and a subsection	anna unatern	www.weiternews	and we have been de		0.0
Stop Fr										0.0
10.000000000 G			-			_	_	-		0.0
CF Sto 700.000000 M		Stop 10 1.67 ms (	Sweep 1		1.0 MHz	#VBW		GHz 0 MHz	3.000 BW 1.	
Auto M	ON WALLIE	FUNCT	INCIDANIOTH	FUNCTION	-34.13 dBm	.854 GHz	×	500		
Freq Offs						CONTRACTOR .		-		2
0								_		4
								_		67
										8
										0
	•									
		s	STATUS							G

#### 30MHz~3GHz\_Band26\_5MHz\_QPSK\_1\_0\_HighCH27015

		6					rum Analyzar - 3	ht Spect	
Frequency	11:06:53 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Avg Type: Log-Pwr	SENSE INT		Z VO: Fast	00000 GH		r Fre	RL
Auto Tune	r3 2.539 5 GHz -34.99 dBm	Mk	n: 30 dB	#Atten: 3	Sein/Low	1FC 3.6 dB	Ref Offset Ref 30.00		dB/d
Center Free 1.515000000 GH						71			9 1.0
Start Free 30.000000 MH	-1300 4019								
Stop Fre 3.000000000 GH	na al a ser an an an al	alining a later and the second states	a contra						
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.		W 1.0 MHz	#VB		.0 MHz	30 MI BW 1	les E
Freq Offse 0 H	6		dBm dBm	26.63 d -38.30 d -34.99 d	8 MHz 0 GHz 5 GHz	843. 1.693 2.639	1	1	1 N 2 N 4 5 7
									7

# 3GHz~10GHz\_Band26\_5MHz\_QPSK\_1\_0\_HighCH27015

									nalyzar - Sve			
Frequency	AM Aug 20, 2018	TRA	Log-Pwr	Avg Ty	Run	1	z	0000 GH	50000	req (		Cer
Auto Tun	721 GHz .82 dBm	Mkr1 3.7	N			#Atten: 3	VO: Fast	iFi 6 dB	Offset 13 30.00 (		B/div	10 d
Center Fre 6.500000000 GH										_		20.0 10.0
Start Fre 3.000000000 GH	-13 00 dDm								1			-10.0
Stop Fre 10.000000000 GH	Maryndae - Han	- History Printiges		Norman	-	ng n	-		nakataryah	agest a bo		40.0
CF Ste 700.000000 MH Auto Ma	0.000 GHz (1001 pts)	1.67 ms	Sweep 1	CTION		1.0 MHz	#VB		/Hz	1.0 1	nt 3.00 Is BW	Re
Freq Offs 0 F					3m	-33.82 dE	1 GHz	3.72		1	N	123456
												7 8 9 10 11
		s	STATUS									150

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

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台灣檢驗科技股份有限公司



## 30MHz~3GHz Band26 10MHz QPSK 1 0 LowCH26750

-c 4									nalyzer - Svee			
Frequency	10:47:36 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN		Avg Type: Log-Pwr			Trig: Free	O: Fast		.51500	req 1		ler Cer
Auto Tur	0 0 GHz 72 dBm	r3 2.46	Mk		0 dB	#Atten: 3	iain)Low	8 dB	Offset 13. 30.00 d		B/div	
Center Fre 1.515000000 GH								*1				og 20.0
Start Fre 30.000000 MH	-13.03 dDn	▲3										1.00
Stop Fre 3.000000000 GH	and the state of the	a manada	and the definition	an a	2 <sup>2</sup>	<u>معرب مع</u>	ما بر میلیو <sub>مع</sub> ود			-	a contrast	40.0 50.0
CF Ste 297.000000 Mi Auto Mi	8.000 GHz (1001 pts)	600 ms (	Sweep 3.			1.0 MHz	#VBW		IHz	1.0 N	t 30 M s BW	Re
Freq Offs 0 F	-	Porci			Bm	27.09 di -38.47 di -36.72 di	MHz GHz GHz	817. 1.640 2.460		1	N 1 N 1 N 1	1 2 3 4 5 6
						*						7 8 9 10 11
			STATUS									50

### 3GHz~10GHz\_Band26\_10MHz\_QPSK\_1\_0\_LowCH26750

	pectrum Analyzer - Swe					- 4
Center F	req 6.50000	0000 GHz	Trig: Free Run	Avg Type: Log-Pwr	10:47:50 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
	Ref Offset 13.	IFGain:Low 6 dB	#Atten: 30 dB		Mkr1 3.770 GHz -33.65 dBm	Auto Tune
20.0 10.0	Ref 30.00 d	Bm			-33,65 dBm	Center Fred 6.50000000 GHz
-10.0 -20.0	▲ <sup>1</sup>				-13 00 dDa	Start Free 3.000000000 GHz
-40.0	and the second	lasi wituti si nyadati ing	harten and an	nan may balance and an and an	an a	Stop Fred 10.000000000 GH2
Start 3.0 #Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep 1	Stop 10.000 GHz 1.67 ms (1001 pts)	CF Step 700.000000 MH Auto Mar
1 N 2 3 4 5 6 7	1 1	3.770 GHz	-33,65 dBm			Freq Offse 0 H
7 8 9 10 11						
MSG				STATU	5	

# 30MHz~3GHz\_Band26\_10MHz\_QPSK\_1\_0\_MidCH26865

-c- 4 🛍							m Analyzar - Sv	Spectru		
Frequency	10:52:20 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	g Type: Log-Pwr	un	Trig: Free I	NO: Fast	0000 GH	1.5150	Free		R Cer
Auto Tun	r3 2.494 5 GHz -35.95 dBm	Mk	B	#Atten: 30	Sein:Low	6 dB	ef Offset 1 ef 30.00		B/div	0 d
Center Free 1.515000000 GH						¥1				og 20.0 10.0
Start Free 30.000000 MH	-13 00 dDa		~ <sup>2</sup>							0.0
Stop Fre 3.000000000 GH		and a second	- De			- Mar		174 A.		0.0
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	Et INC	1.0 MHz	#VBV		MHz	MH N 1.	s B	Re
Freq Offse 0 H				26.63 dBr -38.23 dBr -35.95 dBr		826. 1.663 2.494	f f	1	NNN	123456
				**						7 8 9 10 11
		STATUS								50

#### 3GHz~10GHz\_Band26\_10MHz\_QPSK\_1\_0\_MidCH26865

Frequency	M Aug 20, 2018	TRAC	Log-Pwr	Avg Typ	NESE: INT		łz	00000 GI		req (		en
Auto Tur	91 GHz	Akr1 3.7	N			#Atten: 3	NO: Fast * Gein:Low	IF	Offset 13	Ref		
	47 dBm	-33.4					-		30.00		B/div	og
Center Fre 6.500000000 Gi												20.0
Start Fr 3.000000000 G	-13.00 421								1			0.0
Stop Fr 10.000000000 G	Harright Horney	MILL MARK	fore of the fille of the	hard associate	-test	particular portion	Tendor Alla		And States	and the second	uncité,	
CF St 700.000000 M Auto M	.000 GHz 1001 pts)	1.67 ms (				1.0 MHz	#VB		MHz	00 GH	s BW	Re
	IN VALUE	FUNCTO	ICTION WOTH	KTION FU	Bm	-33.47 di	1 GHz	3.79		1 1	N	12
	-				-						+	3456
Freq Offs 0												4 5

#### 30MHz~3GHz\_Band26\_10MHz\_QPSK\_1\_0\_HighCH26990

Keysight Spectrum Analyzer - Sve			and the second second		-c- 4 🖬
Center Freq 1.51500		Trig: Free Run	Avg Type: Log-Pwr	10:55:40 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 13	IFGein:Low	#Atten: 30 dB	Mk	r3 2.532 0 GHz -36.49 dBm	Auto Tune
20.0 10.0 10.0	*1				Center Free 1.515000000 GH
20.0		^2		-13.00 dDm	Start Free 30.000000 MH
40.0 60.0 60.0			ale a general and a feature and a second		Stop Free 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VBW	f 1.0 MHz	Sweep 3	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 5 6 7	840.8 MHz 1.688 0 GHz 2.532 0 GHz	25.84 dBm -37.69 dBm -36.49 dBm		6	Freq Offse 0 H
8 9 10 11			ETATUS		

# 3GHz~10GHz\_Band26\_10MHz\_QPSK\_1\_0\_HighCH26990

	ectrum Analyzer - 1						
Center F	req 6.5000	D00000 GHz PN0; Fast	Trig: Free Run	Avg Typ	ALIGN AUTO	10:55:52 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	Frequency
10 dB/div	Ref Offset Ref 30.00	IFGain:Low	#Atten: 30 dB		N	Akr1 3.665 GHz -33.40 dBm	Auto Tune
20.0 10.0							Center Fre 6.500000000 GH
-10.0	▲ <sup>1</sup>					-13 00 dDa	Start Fre 3.000000000 GH
40.0	manner	enelistation of the second star	1.14-1.200.0130-1-13.00.01	anns ann ann ann ann ann ann ann ann ann	and the second		Stop Fre 10.000000000 GH
Start 3.00 Res BW	1.0 MHz	#VI	BW 1.0 MHz	EUNCTION EI		Stop 10.000 GHz 1.67 ms (1001 pts)	CF Ste 700.000000 MH Auto Ma
1 N 1 2 3 4 5 6 7 8 9		3,665 GHz	-33.40 dBm			FUNCTED AVALUE	Freq Offs
9 10 11					STATUS		

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# 30MHz~3GHz Band26 15MHz QPSK 1 0 LowCH26775

									knalyzar - Svee			
Frequency	10:23:28 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN		Log-Pwr	Avg		Trig: Fre	O: Fast		1.51500	req '		Ler Cer
Auto Tur	7 5 GHz 96 dBm	r3 2.46	Mk		dB dB	#Atten: 3	iain)Low	6 dB	Offset 13		B/div	
Center Fre 1.515000000 GH								×1				og 20.0
Start Fre 30.000000 Mi	-13.00 451	▲ <sup>3</sup>			A2					_		10,00 10,0 20,0
Stop Fre 3.000000000 GH	and a star	1413 <b></b>			and the second	a la se avec di		- long			-	0.0
CF Ste 297.000000 Mi Auto Mi	.000 GHz 1001 pts)	600 ms (	Sweep 3.	- 100		1.0 MHz	#VBW			1.0 1	t 30 I s BW	Re
Freq Offs 0 F		PORCIO			3m Im	26.88 d -37.96 d -35.96 d	MHz GHz GHz	817.1 1.645 ( 2.467 (		1	NNN	1 2 3 4 5 6
												7 8 9 10
			STATUS									50

### 3GHz~10GHz\_Band26\_15MHz\_QPSK\_1\_0\_LowCH26775

Keynight Su	ectrum Analyzer - S	Access 54				
RL	HF 501	D DC	SUNSE:1NT	ALIGN AUT Avg Type: Log-Py		Frequency
Center F	req 6.5000	00000 GHz PNO: Fast	Trig: Free Run	wid type: rog-hi	TYPE NWWWWW	
		IFGain:Low	#Atten: 30 dB			Auto Tune
10 dB/div	Ref Offset 1 Ref 30.00	3.6 dB dBm			Mkr1 4.855 GHz -33.80 dBm	
20.0						Center Free
10.0						6.50000000 GH
-10.0					-13.00 404	
-20.0					1310 441	Start Fre 3.000000000 GH
-30.0				-		3.00000000 GH
40.0	and the second	- yes halles som	and the stand an	and a set of the set of	the spectral the second processing	Stop Fre
60.0						10.000000000 GH
Start 3.00					Stop 10.000 GHz	CF Ste
Res BW		#VB	W 1.0 MHz		11.67 ms (1001 pts)	700.000000 MH Auto Ma
	al 50.	4.855 GHz	-33,80 dBm	UNCTION FUNCTION WE	FUNCTION VALUE	COMAR. III
2 3						Freq Offse
4						0 H
6						
8						
10						
1				'		
150				117	tus	

# 30MHz~3GHz\_Band26\_15MHz\_QPSK\_1\_0\_MidCH26865

-o- 4 🖬				-		elyzer - Swept SA			
Frequency	10:31:01 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Avg Type: Log-Pwr	ree Run	Trig: Fr	GHz	50 D DC	Freq 1.		Cen
Auto Tune	r3 2.494 5 GHz -35.70 dBm	Mk	: 30 dB	#Atten:	IFGain:Low	ffset 13.6 dB 30.00 dBm	Ref	B/div	10 d
Center Fred 1.515000000 GH					¥1				.0g 20.0 10.0
Start Free 30,000000 MH	-1300 d5m		A2						10.0 20.0
Stop Free 3.000000000 GH	nan fi sang diri pinan di Lisera	an a		adio-totta	Auguren and the	1974 - 1974 - 1974 - 19		-	40.0 60.0 60.0
CF Step 297.000000 MH Auto Mar	Stop 3.000 GHz .600 ms (1001 pts)	Sweep 3.		3W 1.0 MH	#VB	Hz	MHz / 1.0 M	-	Re
Freq Offse 0 H			dBm	26.99 ( -37.98 ( -35.70 (	826.0 MHz 663.0 GHz 494.5 GHz			222	123456
									7 8 9 10 11
	1	ETATUS							15G

#### 3GHz~10GHz\_Band26\_15MHz\_QPSK\_1\_0\_MidCH26865

-c- 4		-			-		Analyzar - Swept S	ht Spectr					
Frequency	HACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNN	r 10:	pe: Log-Pwr	Avg	Trig: Free Ru	0 GHz							
Auto Tur	3.63 dBm	Mkr			#Atten: 30 dB	IFGeintLow	Offset 13.6 c		dB/				
Center Fr 6.500000000 Gi									99 0.0				
Start Fr 3.000000000 G	-13.00 dDa		-				▲ <sup>1</sup>		00				
Stop Fr 10.00000000 G	yaya yang ang ang ang ang ang ang ang ang ang	alen de	New Providence		lend by a start of the last to a	n and a substances	المروجي والمروجي والمروجي	-	3.0 ×				
CF St 700.000000 M Auto M	10.000 GHz s (1001 pts)	11.67			1.0 MHz	#VB	WHz	3.000 3W 1.	Res				
Freq Offs	FUCKINALUE A		UNCTION WOTH	EUNCTION	-33.63 dBm	3.812 GHz		1	1 N 2 3 4 5				
									9 9 1				
		tus	STAT						3				

#### 30MHz~3GHz\_Band26\_15MHz\_QPSK\_1\_0\_HighCH26965

-c- 4 .								nalyzar - Sivep			
Frequency	0:33:53 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Type: Log-Pwr		ee Run		Z O: Fest ++-	000 GH	.515000	req '		Cen
Auto Tune	2,524 5 GHz -35.43 dBm	Mki		30 dB	#Atten:	ain:Low	dB	Offset 13.6 30.00 dl		B/div	10 d
Center Fred 1.515000000 GH				-			*1				20.0 10.0
Start Free 30.000000 MH	-13.03 dDn		2								10.0 20.0 30.0
Stop Fre 3.00000000 GH	and the second sec		ž.,	ALC: NO	dai shehri		- land			-	40.0 50.0 60.0
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 0 ms (1001 pts)			z	1.0 MH	#VBW			MHz 1.0 P	_	Re
Freq Offse 0 H	FUZEL (27 22 UE	FURIET CER WEGTET	FONCTIC	dBm	26.92 c -39.64 c -35.43 c	MHz GHz GHz	834.9 1.683 0 2.624 5			N N N	1 2 3 4 5 6 7
		eratus									8 9 10 11

# 3GHz~10GHz\_Band26\_15MHz\_QPSK\_1\_0\_HighCH26965

	ectrum Analyzer - 3						0 4
Center F	req 6.5000	DOODOO GHz PNO: Fast	Trig: Free Run		ALISH AUTO	10:34:05 AM Aug 20, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Frequency
10 dB/div	Ref Offset	IFGein:Low	#Atten: 30 dB		N	Akr1 3.861 GHz -32.22 dBm	Auto Tune
20.0 10.0							Center Fre 6.500000000 GH
20.0	↓ <sup>1</sup>					-13.00 dDm	Start Fre 3.000000000 GH
40.0	malan	anora Palice de plor de la santa 10	Norther Strate Strategy and	Alamaian	ngan and spiros	lan falmana ang situ na dan sa da	Stop Fre 10.00000000 GH
Start 3.00 Res BW	1.0 MHz	#VE	3W 1.0 MHz	FUNCTION		Stop 10.000 GHz 1.67 ms (1001 pts)	CF Ste 700.000000 MH Auto Ma
1 N 2 3 4 5 6 7 8		3.861 GHz	-32.22 dBm			F	Freq Offse 0 H
9 10 11					STATU		

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

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台灣檢驗科技股份有限公司



### 30MHz~3GHz Band30 5MHz QPSK 1 0 LowCH27685

										nalyzar - Siv	ctrum A		Kay R1
Frequency	MAug 21, 2018 CE 1 2 3 4 5 6	TRAC		ype: Log-P old: 1/1	Ave	Run		PNO: Fast	p pc	50 1	10	-	- AL
Auto Tu	PHO: Fast - Trig: Free Run Avgihéid: 1/1 Trig: Free Run RATE: 20 dB Mkr2 2,456 2 GHz vdB/dv Ref 14.10 dB Mkr2 2,456 2 GHz vdB/dv Ref 14.10 dB - 52.102 dBm												
Center Fr		-02.1	11						dBm	14.10	Ref	Vdiv	0 dE 0g 4.10
1.515000000 G			$\left  \right $	-	_	-		-			-	-	5.90
Start Fr				-							-		5.9
30.000000 M	-401007-0644		A	-	_			-			=	_	15.9 15.9
Stop Fr		enternan	1 4000	An internet		a PE and	an a	Arriet show - 9		-		-Windows	5.9
3.000000000 G		_	_										5,9
CF St 297.000000 M	.000 GHz 1001 pts)		р 3.	Swee		z	1.0 MHz	#VB		IHz	1Hz 1.0 N	30 N BW	
Auto M	ON WALLIE	EUVICE	NOTH:	FUNCTION W	FUNCTION		25.410 d		×				
Freq Offs						Bm	-52.102 d	5 0 GHz 6 2 GHz	2.48		+	N	34
			-			+		-				+	5 6 7 8
						-						+	9
			•				**						
			TATUS	8									53

### 3GHz~10GHz\_Band30\_5MHz\_QPSK\_1\_0\_LowCH27685

	strum Analyzar -										
RL	JUF 5	p p pc	NO: Fast +	Trig: Free R	n Av	g Type: Log-Pwr alHold: 1/1	04:19:10 PM Aug 21, 20 TRACE 1 2 3 4 TYPE MWWW DET P N N N	5.6 Frequency			
10 dB/div	Ref Offset 4.1 dB Mkr4 18.419 GHz										
-5.90								Center Fre 11.500000000 GH			
-25.9 -36.9 -45.9			-		_		-40.00	3.00000000 GH			
65.9 65.9 75.9	man hand	and a second			- Margaret M	den Marthalton an July	any and a star	Stop Fre 20.000000000 GH			
Start 3.00 Res BW	1.0 MHz		#VB	W 1.0 MHz		Hz CF Ste 1.70000000 GH Auto Ma					
1 N 2 N 3 N 5 6 7		4.6.	02 GHz 20 GHz 30 GHz 19 GHz	-63.269 dBm -65.310 dBm -66.334 dBm -60.801 dBm	FUNCTION	FUNCTION WOT	4 FUNCTION WALVE	Freq Offs			
8 9 10 11											

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

										nalyzar - Sive		ight Spect	
Frequency	MAug 21, 2018 CE 1 2 3 4 5 6 PE NWWWW	TRJ		Type: Log- Hold: 1/1	AV		1	0: Fast 🔸	P	50 D	10	_	RL
Auto Tun	0 0 GHz 08 dBm	Ref Offset 4.1 dB Mkr2 2.510 0 GHz 0 dB/div Ref 14.10 dBm -52.408 dBm											
Center Fre 1.515000000 GH			1										10 10
Start Fre 30.000000 MH	-401101-0044	▲ <sup>2</sup>											5,9
Stop Fre 3.000000000 GH		ada San Aya	d have		wanner	Fyrijsg detre	nadi Webingad	*****	*****	anntortais <b>e</b> tur		-annah	5.9
CF Ste 297.000000 MH Auto Ma	3.000 GHz (1001 pts)	600 ms		Swee		_	1.0 MHz	#VBW	×	1Hz	1.0 N	30 M BW 1	les
Freq Offse 0 H						Bm	25.301 d -52.408 di	) GHz ) GHz	2.308		Ť	<b>v</b> 1	1
							*						7 8 9 0
			STATUS										3

#### 3GHz~10GHz Band30 5MHz QPSK 1 0 MidCH27710

RL	10	50 D DC		SENSE		ALTON AUTO	04:19:37 PM Aug 21, 2018	Frequency
			PNO: Fast *	Trig: Free R	un Avgi	Type: Log-Pwr Hold: 1/1	THACE 1 2 3 4 5 6 TYPE NUMBER DET P NNNN	
10 dB/di		offset 4.1 dB 4.10 dBm	in count cour		-	м	kr4 19.354 GHz -61.498 dBm	Auto Tun
og 5.90								Center Fre 11.500000000 GH
45.9 45.9 65.9							-40 00 d5+	Start Fre 3.000000000 GH
6.9 000) 15.9 000)	rander				4		annation al working	Stop Fre 20.000000000 Gi
	000 GH W 1.0 N		#VB	W 1.0 MHz		Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GI Auto M
1 N	100 100	×	18.402 GHz	-64,268 dBm		FUNCTION WOTH	FUNCTION VALUE	Parto ma
2 N 3 N 4 N 5			4.620 GHz 6.930 GHz 19.354 GHz	-64 268 dBm -65.163 dBm -66.110 dBm -61.498 dBm				Freq Offs 01
6								
8 9 10								

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

	04:22:38 PM Aug 21, 2018			INSE:1NT			wept SA	knalyzar - S	ectrum A		K Ke
Frequency	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Avg Type: Log-Pwr Avg/Hold: 1/1				PNO: Fast		50	10		R
Auto Tur	2 2.510 0 GHz				IFGain:Low #Atten: 20 dB						_
	-52.779 dBm							Offset 4		B/div	0 dl
Center Fre		1			-				-	-	4.10
1.515000000 GH											5,90
StartFre			-	-	-	-	-		-	-	5.9
30.000000 MH	AU U/ date		-	-		-			-		16.9
Stop Fre	Varmady. Scanderstration	manual here	-		a source and a source and	- management	a free and your	der Australia			56.9
3.000000000 GH											15.9
CF Ste 297.000000 Mi	Stop 3.000 GHz				W 1.0 MHz				MHz	t 30	
Auto Mi	600 ms (1001 pts)	sweep 3.	NCTION	-	W 1.0 MHZ	#VB	×		1.01		_
Freq Offs				iBm iBm	25.270 di -52.779 di	1 0 GHz 0 0 GHz	2.31		1	NN	1
0 Pred Oils				-						-	3 4 5
						-			-	-	67
										-	8 9
	· ·	-	-	-	**	-				-	11
		STATUS									50

### 3GHz~10GHz\_Band30\_5MHz\_QPSK\_1\_0\_HighCH27735

	04:20:05 PM Aug 21, 2018	ALTON AUTO					trum Analyzar		Key R	
Frequency	TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Avg Type: Log-Pwr Avg Hold: 1/1	in	Trig: Free R	NO: Fast		ju ja			
Auto Tur	Ref Offset 4.1 dB Mkr4 19.575 GHz del/div Ref 4.10 dBm -61.298 dBm									
Center Fre 11.500000000 GH									0g 5.90 15.9	
Start Fre 3.000000000 GH	-40 00 d5m		_			^3	2		5.9 15.9	
Stop Fr 20.000000000 Gi	and der mark berrin that	مىلىدىلىمىمىمى مەرمىرى <sub>يەن</sub>	يورو <sub>ر 1</sub> 4 الدرم	****	and the second sec	- Ann	allera	ant a	5.9 5.9 6.9	
CF Ste 1.700000000 GI Auto M	Stop 20.000 GHz 8.33 ms (1001 pts)		_	W 1.0 MHz	#VB		1.0 MHz		Re	
CARAS	FUNCTION VALUE	TION FUNCTION WOTH		-64.126 dBm	02 GHz	18.4	1	N	1	
Freq Offs 01				-65.785 dBm -66.442 dBm -61.298 dBm	20 GHz 30 GHz 75 GHz	4.6	1 1 1	2222	5	
									6 7 8 9	
			-		-			-	1	
		STATUS							6	

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台灣檢驗科技股份有限公司



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

RL	ectrum Analyzar	- swept SA	SENSE	meri	ALIGN AUTO	04:09:47 PM Aug 21.2			
105	10. 1-	PNO: Fas	Trig: Free R	un Avg	Type: Log-Pwr Hold: 1/1	TRACE 1 2 3 4	456 Save State		
THUC Flag         Thuc Flag         Control of the sector         Control of the sector           10 dB/div         Ref Officet 4.1 dB         Mkr2 2.518 9 GH2         10 dB/div         Ref Officet 4.1 dB           10 dB/div         Ref 14.10 dBm         -50.010 dBm1         -50.010 dBm1									
90					11		Edit Register Names		
5.9 5.9 6.9						AU100	Register Last: 8/21/20 4:09:46 F		
5.9 5.9				الحرفاتيب لرحور سر	ما لغنيمتمنامه		Register Last: 8/21/20 1:30:17 f		
	1.0 MHz	#1	BW 1.0 MHz			Stop 3.000 G 3.600 ms (1001 p	Last: 8/9/20		
1 N	t see	2.305 0 GHz	25.279 dBm		FUNCTION WOTH	FUNCTION VALUE			
2 N 3 4 5	1	2.518 9 GHz	-50.010 dBm				Register Last: 8/9/20 + 2:41:40 F		
6 7 8 9 0							Mo 1 o		
			**	1					
3					STATE	15			

### 3GHz~10GHz Band30 10MHz QPSK 1 0 MidCH27710

0.00									ctrum Analyzer -	
Frequency	MAug 21, 2018 DE 1 2 3 4 5 6 PE NWWWW ET P NNNNN	TRA	Log-Pwr 1/1	Avg	Run		NO: Fast *	n pc	10: 55	RL
Auto Tun	Ref Offset 4.1 dB Mkr4 19.116 GHz 0 dB/div Ref 4.10 dBm -60.927 dBm									
Center Fre 11.500000000 GH										.og 6.90 16.9
Start Fre 3.000000000 GH	-40.00 d5m							-	2	25.9 35.9 45.9 65.9
Stop Fre 20.000000000 GH	Linekspan	aa		www.		≠1€~~,+~~v&~v	intro, na , n		- section	65.9
CF Ste 1.700000000 GH Auto Ma	.000 GHz 1001 pts)	8.33 ms (	Sweep 2			W 1.0 MHz	#VB		1.0 MHz	tart 3.00 Res BW
Freq Offs 0					Bm Bm Bm	-64,278 d -64,530 d -66,278 d -60,927 d	22 GHz 20 GHz 30 GHz 16 GHz	4.6	1 1 1 1	1 N 2 N 3 N 5 6 7
										7 8 9 10
		1	STATUS							so

# 30MHz~3GHz\_Band38\_5MHz\_QPSK\_1\_0\_LowCH37775-2572.5

	Analyzer - Swept SA					
R II	F 50 D DC	PNO: Fast	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	04:04:04 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Re 0 dB/div Re	Auto Tune					
0g 20.0 10.0					1	Center Free 1.515000000 GH
20.0					-13 00 401	Start Free 30,000000 MH
40.0 50.0 50.0	والمحمد والمحم		-ARMAN-AN-ANIA MARA	an a	er het iften ten en en tet	Stop Fre 3.000000000 GH
tart 30 MHz Res BW 1.0		#VBW	1.0 MHz	Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Step 297.000000 MH Auto Ma
1 N 1 f 2 3 4 6 7 7 8 9	2.	569 4 GHz	28.06 dBm			Freq Offse 0 H
9 10 11 50				STATUS		

#### 3GHz~10GHz\_Band38\_5MHz\_QPSK\_1\_0\_LowCH37775-2572.5

							strum Analyzer -	ight Spec	Reyn		
Frequency	12 3 4 5 6 THACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Avg Type: Log-Pwr		Trig: Free Run #Atten: 30 dB	PNO: Fast =		10 51	_	<i>R</i> .		
Z Auto Tu	Ref Offset 14.1 dB Mkr3 7.718 GHz 10 dB/div Ref 30.00 dBm -36.73 dBm										
Center Fr 11.500000000 G									0.0		
Start Fr 3.000000000 G	-1300 dB1				3		2		0.0		
Stop Fr 20.000000000 G	and a second	lation and an	and a star by a star and a second	الحبطان والمعجب المحا	يە بەر بەر <u>بەر بەر بەر بەر بەر بەر بەر بەر بەر بەر </u>	Northeorem Products	and the second	any with you	0,0 0,0 0,0		
z CF St 1.700000000 G Auto M	top 20.000 GHz 3 ms (1001 pts)	Sweep 28		( 1.0 MHz	#VB		0 GHz 1.0 MHz				
Freq Off	FUNCTION VALUE	CTIONWOTH	FUNCTION	-31.31 dBm -37.26 dBm -36.73 dBm	22 GHz 45 GHz 18 GHz	6.1	9 5303 1 1 1	N 1 N 1 N 1	1 2		
									6 7 8 9 0		

### 30MHz~3GHz\_Band38\_5MHz\_QPSK\_1\_0\_MidCH38000-2595

	wept SA								
R. 10 <sup>2</sup> 50		ALIGN AUTO 04:07:45 PM Sep 07, 2018 Avg Type: Log-Pwr TRACE 1 2 3 4 5 6	Frequency						
PHOL Fast         Trig: Free Run Ref Offset 141 dB         Trig: Free Run Ref Offset 141 dB         Trig: Free Run Ref Offset 141 dB           10 dB/div         Ref Offset 141 dB         Mkr12.593 1 GHz           27.38 dBm         7.38 dBm									
9 00 00		*1	Center Fre 1.515000000 GH						
0.0			Start Fre 30.000000 MF						
0.0 <b></b>	an a	and a second	Stop Fre 3.000000000 GH						
tart 30 MHz Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	CF Ste 297.000000 Mi Auto Mi						
1 N 1 f 2 3 3 4 5 6 6 7	2.593 1 GHz 27.38 dBm		Freq Offs 01						
8									

# 3GHz~10GHz\_Band38\_5MHz\_QPSK\_1\_0\_MidCH38000-2595

	And the second second				ectrum Analyzer - S					
Frequency	04:08:03 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 Trop: Nutrition	Avg Type: Log-Pwr	Trig: Free Run		IUF 501	R				
Auto Tur	Ref Offset 14.1 dB         Mkr3 7.785 GHz           dB/div         Ref 30.00 dBm									
Center Fre 11.500000000 GH						og 20.0 10.0				
Start Fre 3.00000000 GH	-1300 dBn			3	02	0.0				
Stop Fre 20.000000000 GH		There are a state of the	egyerinduse suisti en sel en estadoù	nyekasalan sullet ana selen	Contraction and Conservations	0.0				
CF Ste 1.700000000 GI Auto M	Stop 20.000 GHz 8.33 ms (1001 pts)		W 1.0 MHz	#VE	1.0 MHz					
Freq Offs	FUNCTION VALUE	ON FUNCTION WOTH	-32.03 dBm -36.68 dBm -39.13 dBm	18.487 GHz 6.190 GHz 7.785 GHz	1 1 1	1 N 2 N 3 N 4				
						6 7 8 9				
	· · ·	-		-		1				
	1	STATUS				93				

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

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# 30MHz~3GHz\_Band38\_5MHz\_QPSK\_1\_0\_HighCH38225-2617.5

								nam Amalyzar	pht Spect			
Frequency	5ep 07, 2018 E 1 2 3 4 5 6 E MWWWWW T P NNNNN	TRAC	Type: Log-Pwr		Trig: Free	PNO: Fast	pin pc	IÚ:		R		
Auto Tun	Ref Offset 14.1 dB Mkr1 2.616 9 GHz 0 dB/div Ref 30.00 dBm 27.33 dBm											
Center Fre 1.515000000 GH		*1								0.0 10.0		
Start Fre 30.000000 MH	-13.00 4210									0.0		
Stop Fre 3.000000000 GH		ologialation of the	1999-1999-1999-1999-1999-1999-1999-199	page 47 ages 4	et askedist i so	41151			-	0.0 0.0 0.0		
CF Ste 297.000000 Mi <u>Auto</u> M		600 ms (	Sweep 3	FLIN	W 1.0 MHz	#VB		.0 MHz	30 MI BW 1	Res		
Freq Offs 01	_			m	27.33 dE	16 9 GHz	2.61		1	1 1 2 3 4 5 6		
					*					7 8 9 0		
			STATUS							G		

### 3GHz~10GHz\_Band38\_5MHz\_QPSK\_1\_0\_HighCH38225-2617.5

Keysight Spectrum Analyzer - Swept SA				
R NF 50 D DC	PNO: Fast Trig: Free Run	Avg Type: Log-Pwr	04:12:46 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TVPE NNNNN DET P NNNNN	Frequency
Ref Offset 14.1 dB	Auto Tune			
10 dB/div Ref 30.00 dBm			-37.86 dBm	
20.0				Center Free 11.500000000 GH
-10.0			-13.00 401	Start Free
-20.0 -30.0	3	and the second s	1 million and a manufacture	3.000000000 GH
-40.0 -60.0 -60.0	1995, Book (1997) in a bloch and a block of the state of			Stop Free 20.000000000 GH
Start 3.000 GHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Sweep 28	Stop 20.000 GHz .33 ms (1001 pts)	CF Step 1.700000000 GH Auto Ma
MRR MUDE THE SEC. X	18.334 GHz -32.31 dBm	NCTION FUNCTION WOTH	FUNCTION WALVE	Auto Ma
2 N 1 F 3 N 1 F 4 5	5.236 GHz -38.23 dBm 7.853 GHz -37.86 dBm			Freq Offse 0 H
6 7 8 9				
10 11				
MSG		STATUS		

# 30MHz~3GHz\_Band38\_10MHz\_QPSK\_1\_0\_LowCH37800-2575

								nam Analyzer -	Spectr		
Frequency	M Sep 67, 2018 CE 1 2 3 4 5 6 PE MWWWW ET P NNNNN	TRAC	rg Type: Log-Pwr		Trig: Free Run	PNO: Fast		10: 51			R
Auto Tun	2 3 GHz	Ref Offset 14.1 dB 22.03 dBr 10 dB/div Ref 30.00 dBm 22.03 dBr									
Center Free 1.515000000 GH		•1							_		0.0
Start Fre 30.000000 MH	-13.00 dDm								_		0.00
Stop Fre 3.00000000 GH	(n. the second difference	يفعما البولادي	an de la constantion						***	400	0.0
CF Step 297.000000 MH Auto Ma	8.000 GHz (1001 pts)	.600 ms (	Sweep 3.		1.0 MHz	#VBW	*	.0 MHz	N 1.	rt 30 s B1	Re
Freq Offse 0 H				Foneth	22.03 dBm	2 3 GHz		1	1	N	12345
											6 7 8 9 10
			STATUS								50

# 3GHz~10GHz Band38 10MHz QPSK 1 0 LowCH37800-2575

	02:53:17 PM Sep 07, 2018	ALTON AUTO		SENSE		pc DC	trum Analyzar - Siv		M Key		
Frequency	TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Type: Log-Pwr	n	1	NO: Fast	PN	10 10 10				
Auto Tun	IFGalatLow         #Atten: 30 dB         Data         Data           10 db/div         Ref 0ffset 14.1 dB										
Center Fre 11.500000000 GH	-200 fm		_						20.0 10.0		
Start Fre 3.000000000 GH						3	0 <sup>2</sup>		10.0 20.0 30.0		
Stop Fre 20.000000000 GH	2.24 mm 10 10 10 10 10 10 10 10 10 10 10 10 10	- <sup>a</sup> ditti <mark>b</mark> ug-spublik contepis	mining	********	*******	Warton Providence	na ser ta mode		40.0 50.0 60.0		
CF Ste 1.700000000 GH Auto Ma	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		1.0 MHz	#VB		0 GHz 1.0 MHz	rt 3.00 IS BW			
Auto Ma	FUNCTION VALUE	FUNCTION WOTH	FUNC	-31,44 dBm		18,946	50	MODE	1		
Freq Offs 0 H				-31.44 dBm -35.82 dBm -37.11 dBm	0 GHz 5 GHz	6,150	ļ	N 1 N 1 N 1	2 3 4 5		
					-				6 7 8 9 10		
	· · ·								11		
		STATUS							150		

### 30MHz~3GHz\_Band38\_10MHz\_QPSK\_1\_0\_MidCH38000-2595

PHOL Fast         Trig: Free Run Production         Avg Type: Log-Pwr         Hold [123 as 14] (123 as 14]         Free Junny           dBiddy         Ref Offset 14.1 dB         16.07 dBm         16.07 dBm         Auto Tu           dBiddy         Ref 30.00 dBm         16.07 dBm         16.07 dBm         Auto Tu           dBiddy         Ref 30.00 dBm         10.07 dBm         15000000 dBm         1000000 dBm         1000000 dBm           data         10.07 dBm         10.07 dBm         1000000 dBm         1000000 dBm         1000000 dBm           data         10.07 dBm         10.07 dBm         1000000 dBm         1000000 dBm         1000000 dBm           data         10.07 dBm         10.07 dBm         1000000 dBm         1000000 dBm         1000000 dBm           data         10.01 MHz         #VBW 1.0 MHz         Sweep 3.000 OBm (1001 pB)         207.00000 M           data         10.07 dBm         10.07 dBm         1000000 dBm         1000000 dBm         1000000 dBm           data         10.07 dBm         10.07 dBm         1000000 dBm         1000000 dBm         10000000 dBm           data         10.07 dBm         10.07 dBm         1000000 dBm         10000000 dBm         10000000 dBm           data         10.07 dBm         10.07 dBm </th <th>0.0</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>salyzer - Swe 50 D</th> <th>pectrum A</th> <th>ynight S</th> <th>E Key</th>	0.0								salyzer - Swe 50 D	pectrum A	ynight S	E Key	
Ref Offset 14.1 dB         Mkr1 2.580 1 GHz         Auto Tu           dBiddy         16.07 dBm         16.07 dBm         151500000 0           0	Frequency	£123456	TRACE	pe: Log-Pwr	,	rig: Free Run	D: East + b-		50 12	10		ĸ	
G         G         Center Fr           00         1         1         1           00         1         1         1           00         1         1         1         1           00         1         1         1         1         1           00         1	Auto Tu	0 1 GHz	Ref Offset 14.1 dB Mkr1 2.590 1 GHz 0 dB/div Ref 30.00 dBm 16.07 dBm										
10	Center Fr 1.515000000 G											9 <b>g</b> 0.0	
Stop         Stop <th< td=""><td>Start Fr 30.000000 M</td><td>-10.00 dDm</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td>0.0</td></th<>	Start Fr 30.000000 M	-10.00 dDm								_		0.0	
Res BW 1.0 MHz         #VBW 1.0 MHz         Sweep 3.600 ms (1001 pts)         287 00000 M           1 N         1         1         24.900 1 GHz         16.07 dBm         Adda         Adda         Adda         M         Freq Off         Freq Off         6<	Stop Fr 3.000000000 G	ana di Algo Cango Pala	restand Baser	and a star of the	an a	wanter of the				- <del></del>	-	0.0 0.0	
N         I         f         2.690 1 GHz         16.07 dBm         Freq Off           4         -         -         -         -         -         -         0           4         -         -         -         -         -         -         0         0           4         -         -         -         -         -         -         0         0           4         -         -         -         -         -         -         0         0           4         -         -         -         -         -         -         0         0         0           5         -         -         -         -         -         -         0         0         0	CF Ste 297.000000 M Auto M	1001 pts)	600 ms (1			0 MHz	#VBW		IHz	1.0 N	s BV	Re	
	Freq Offs	6					GHz	2,590 1					
STATUS			1	len i m in								3	

# 3GHz~10GHz\_Band38\_10MHz\_QPSK\_1\_0\_MidCH38000-2595

						Analyzer - Sive		
Frequency	03:56:38 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	ALIGH AUTO	• Run		PNO: Fast	50 12	1	R
Auto Tur	Akr3 7.785 GHz -36.80 dBm	N		#Atten: 30	IFGain:Low	f Offset 14. f 30.00 d		0 dl
Center Fre 11.500000000 GH								og 20.0 10.0
Start Fre 3.000000000 GH	-13.03 dD1			_	▲ <sup>3</sup>	^2	01	
Stop Fre 20.00000000 GP	and a state of the	montentlation in the nation and		an a	hange the for a second second	martin		0.0
CF Ste 1.700000000 GR	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		BW 1.0 MHz	#VE		3.000 C BW 1.0	
FreqOffs	FUNCTION VALUE	N FUNCTION WOTH	Bm Bm	-31,47 dE -36,96 dE -36,80 dE	× 3.867 GHz 5.190 GHz 7.785 GHz		N 1 N 1	1 2 3
0)								4 5 6 7 8
								9
		STATUS						ß

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

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# 30MHz~3GHz Band38 10MHz QPSK 1 0 HighCH38200-2615

Keysight Spectrum Analyzer - S									
R 10 50	PNO: Fast *	Trig: Free Run	Avg Type: Log-Pwr	02:59:52 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency				
Mkr1 2 610 9 GH									
10 dB/div Ref 30.00			IVIE	20.30 dBm					
-og 20.0				•1	Center Fre				
10.0					1.515000000 GH				
10.00				-13.09.471					
20.0					Start Fre 30.000000 MH				
30.0			والمحالف المرابع معاملة والمحال المحال	marken and marken					
40.0	- Porte man the same and and				Stop Fre				
-60.0					3.00000000 GH				
Start 30 MHz Res BW 1.0 MHz		W 1.0 MHz	0	Stop 3.000 GHz .600 ms (1001 pts)	CF Ste 297.000000 MH				
ARES BW 1.0 MHZ	#VB		Sweep 3		Auto Mi				
1 N 1 f	2.610 9 GHz	20.30 dBm							
3 4 5					Freq Offs 01				
6 7									
8									
10									
150			STATU	1					

# 3GHz~10GHz\_Band38\_10MHz\_QPSK\_1\_0\_HighCH38200-2615

Keysight Spectrum Analyzer - Swept SA					
R NF 50 D DO	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	04:00:16 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWW DET P NNNNN	Frequency
Ref Offset 14.1 d	Auto Tune				
20.0 10.0				-38.59 dBm	Center Free 11.500000000 GH:
-10.0 -20.0 -30.0	•3			-1300 size	Start Free 3.000000000 GH
40.0 -50.0 -60.0	مادورود Wile کالیکر کی روا <sup>ر س</sup> ار ۲۰		an and the internet of the second	and a strange of the stand of the	Stop Free 20.000000000 GH
Start 3.000 GHz #Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Step 1.700000000 GH Auto Mar
1 N 1 f 2 N 1 f 4 5	19.422 GHz 6.230 GHz 7.845 GHz	-31.82 dBm -37.37 dBm -38.69 dBm			Freq Offse 0 H
6 7 8 9 9 10 11					
MSG			STATU	5	

# 30MHz~3GHz\_Band38\_15MHz\_QPSK\_1\_0\_LowCH37825-2577.5

								Analyzar - S				
Frequency	PM Sep 07, 2018 RACE 1 2 3 4 5 6 TYPE NWWWWW DET P NNNNN	TR	g Type: Log-Pwr		Trig: Free Ru	NO: Fast -+		50			R	
Auto Tun	72 3 GHz	ri Gaini Low #Atten: 30 dB Corte MMMA 9 dBudiv Ref 30.00 dBm 27.34 dBm 27.34 dBm										
Center Fre 1.515000000 GH		1										
Start Fre 30.000000 MH	-13.00 dDm											
Stop Fre 3.000000000 GH	All for all the grade of the	and the	and a first state of the second state of the s	harrian	contract, dather	- Chicaling			-	-	0,0 0,0	
CF Ste 297.000000 MH Auto Ma	3.000 GHz (1001 pts)	.600 ms	Sweep 3	FUNCT	1.0 MHz	#VBV	×		MHz V 1.0	s Bl	2e	
Freq Offse 0 H					27.34 dBm	3 GHz	2.572		1 1		123456789	
											7890	
		5	STATUS								s	

### 3GHz~10GHz\_Band38\_15MHz\_QPSK\_1\_0\_LowCH37825-2577.5

	02-40-40 PM Sep 07, 2018	ALIGN AUTO		SENSE:10		yzer - Swept SA	ILF		R			
Frequency	TRACE 1 2 3 4 5 6 TYPE NUMBER	Type: Log-Pwr	Av	Trig: Free Run	PNO: Fest				_			
Auto Tur		Ref Offset 14.1 dB Mkr3 7.733 GH; 0 dB/div Ref 30.00 dBm -36.56 dBn										
Center Fre 11.500000000 GH					_				0.0 0.0			
Start Fre 3.000000000 GH	-1300-000				▲ <sup>3</sup>	2	02		0.00 0.0 0.0			
Stop Fre 20.000000000 GH	an a	*******		la ganta ya Kataran da katar		, latan a statu	n ser an ser and sea	-	0.0 0.0			
CF Ste 1.700000000 GI Auto M	Stop 20.000 GHz 3.33 ms (1001 pts)	Sweep 28		/ 1.0 MHz	#VB	z	0 GHz 1.0 MHz	s BW	Res			
Freq Offs	FUNCTION VALUE	FUNCTION WOTH	FUNCTION	-30.78 dBm -36.65 dBm -36.66 dBm	9.745 GHz 6.165 GHz 7.733 GHz		20 500 1 1	N N N	1 2 3 4 5			
									6 7 8 9 0			
									-			

### 30MHz~3GHz\_Band38\_15MHz\_QPSK\_1\_0\_MidCH38000-2595

RACE 1 2 3 4 5 6		ALIGN AUTO		VSE: INT			DC.	50 0	112		P
	TVE	e: Log-Pwr	Avg	Run				1 500 45	10	-	n
DET P NNNN	Position to as										
90 1 GHz 1.02 dBm	r1 2.590 21.0	Mk									dB/d
1	<b>♦</b> 1										
		-	-						+		1.0
-13 00 40m											
		-	-						-		0
ATTACAL	million		here		paken to band a	in man	والمحاجد المعدية				0
			-						T		0
		-	-								.0
		Sweep 3			1.0 MHz	#VBW		IHz			
			NOTION		Ý		X		150	C III	R MO
				Bm	21.02 di	GHZ	2.590		1	1	N
				-						+	5
				-		_				-	7
				-		-				+	
· ·				-		_		_		-	i
E B B B B B B B B B B B B B B B B B B B	.000 G	21.02 dB	Stop 3.600 ms (1001 p	21.02 dB	21.02 dB	21.02 dB	21.02 dB 21.02	Bin         21.02 dB           WEW 1.0 MHz         Stop 3.000 GI           #VEW 1.0 MHz         Stop 3.000 ms (1001 p	30.00 dBm     21.02 dB       30.00 dBm     21.02 dB       10.00 dBm     10.00 dB <t< td=""><td>Ref 30.00 dBm         21.02 dB           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         2.500 1 GHz           21.02 dBm         10210210001           1         2.500 1 GHz</td><td>IV         Ref 30.00 dBm         21.02 dB           IV         Ref 30.00 dBm         1           IV         RVBW 1.0 MHz         Sweep 3.600 ms (1001 pC           IV         IV         21.02 dBm         1</td></t<>	Ref 30.00 dBm         21.02 dB           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         2.500 1 GHz           21.02 dBm         10210210001           1         2.500 1 GHz	IV         Ref 30.00 dBm         21.02 dB           IV         Ref 30.00 dBm         1           IV         RVBW 1.0 MHz         Sweep 3.600 ms (1001 pC           IV         IV         21.02 dBm         1

# 3GHz~10GHz\_Band38\_15MHz\_QPSK\_1\_0\_MidCH38000-2595

Keysight Spectrum Analyzer - S					
R 107 50	PNO: Fast +	Trig: Free Run	Avg Type: Log-Pwr	02:45:03 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Frequency
Ref Offset 1 0 dB/div Ref 30.00	IFGain:Low	#Atten: 30 dB	N	Akr3 7.785 GHz -34.25 dBm	Auto Tun
0.0 20.0 10.0					Center Fre 11.500000000 GH
20.0	●3			-1300 000	Start Fre 3.000000000 GH
40.0 0000000000000000000000000000000000		aller aller type and aller	ىرىن مەرۋە بولۇندۇرى <del>دار</del> ىيى <del>بار</del> ىيى بىرىن	haji seren di kasi di Katalan Angelan Serekar	Stop Fre 20.00000000 GH
tart 3.000 GHz Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH Auto Mt
1 N 1 f 2 N 1 f 3 N 1 f 4	× 19.745 GHz 5.190 GHz 7.785 GHz	-31.72 dBm -37.01 dBm -34.25 dBm	FUNCTION FUNCTION WOTH	FUNCTION VALUE	Freq Offs
5 6 7 8 9				•	01
10 11			ETATU		

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# 30MHz~3GHz\_Band38\_15MHz\_QPSK\_1\_0\_HighCH38175-2612.5

Keysight Spectrum Analyzer - Sv					-o- 🕸 🔛
R 10 50 G	PNO: Fast **	Trig: Free Run	Aug Type: Log-Pwr	02:49:10 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P N N N N N	Frequency
Ref Offset 1/	IFGein:Low	#Atten: 30 dB	Mk	1 2.605 0 GHz 27.35 dBm	Auto Tun
20.0 10.0				*1	Center Fre 1.515000000 GH
10.0 20.0 30.0				-13.00 dOm	Start Fre 30.000000 MH
40.0 ecolor control co		ter an		unada Madazaranan	Stop Fre 3.000000000 G
tart 30 MHz Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 Mi Auto M
1 N 1 f 2 3 3 4 5 6 7 9	2.605 0 GHz	27.35 dBm		F 0405 1 04 14000	Freq Offs 01
8 9 10 11			BTATUS		

# 3GHz~10GHz\_Band38\_15MHz\_QPSK\_1\_0\_HighCH38175-2612.5

						salyzer - Swept SA		raight Si	
Frequency	03:49:28 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWW DET P NWNNN	Aug Type: Log-Pwr		Trig: Free Ru	PNO: Fast	50 D DC	10		R
Auto Tune	1kr3 7.838 GHz -37.42 dBm	N	8	#Atten: 30 dE	IFGain:Low	offset 14.1 dB 30.00 dBm		B/div	10 dl
Center Fre 11.500000000 GH							_		20.0 10.0
Start Fre 3.000000000 GH	-1300 dBn				▲3	0 <sup>2</sup>	_	_	-10.0 -20.0 -30.0
Stop Fre 20.000000000 GH	n gan din Makalan Jalan da siya kana jin ya	an a	kan midd frys	-	ang se an	also and the second	without the	-	-40.0 -50.0 -60.0
CF Ste 1.700000000 GH Auto Ma	Stop 20.000 GHz 8.33 ms (1001 pts)		FUN	W 1.0 MHz	#VE		00 GH	s BW	#Re
Freq Offse				-31.65 dBm -37.13 dBm -37.42 dBm	19.031 GHz 6.225 GHz 7.838 GHz	~		NNN	1 2 3 4 5
									6 7 8 9 10 11
		STATUS							150

# 30MHz~3GHz\_Band38\_20MHz\_QPSK\_1\_0\_LowCH37850-2580

-e- 4 🕰								m Analyzar - 1	Spectre		
Frequency	M Sep 07, 2018 CE 1 2 3 4 5 6 PE NWWWWW SET P NNNNN	TRA	vg Type: Log-Pwr	m	Trig: Free Ru	PNO: Fast		10: 50			R
Auto Tune	2 3 GHz 49 dBm	r1 2.57	Mk	3	#Atten: 30 dl	IFGein:Low	14.1 dB	ef Offset		B/div	0 d
Center Free 1.515000000 GH		*1									og 20.0 10.0
Start Free 30.000000 MH	-13.00 dDn										20.0
Stop Free 3.000000000 GH	fealabáile tarar a	and the second second	ىنەتەر بىلىمىلى ئەلىرەتۇر بىلىرىغان. س		desetation of		****			-	0.0
CF Step 297.000000 MH Auto Ma	3.000 GHz (1001 pts)	.600 ms (	Sweep 3	21110	1.0 MHz	#VBW		MHz	N 1.	rt 30 IS B1	Re
Freq Offse 0 H					26.49 dBm	72 3 GHz	2.573	f	1	N	12345
											6 7 9 10
		s	STATUS								50

# 3GHz~10GHz Band38 20MHz QPSK 1 0 LowCH37850-2580

	the second s			-		Analyzer - Swept SA		
Frequency	02:01:49 PM Sep 07, 2018 TRACE 1 2 3 4 5 6 Type: Number	ALIGN AUTO		Trig: Free R		50 B DC	1 1	R
Auto Tun	Ikr3 7.740 GHz -37.27 dBm	N		#Atten: 30 d	PNO: Fest IFGein:Low	Offset 14.1 dB		
Center Fre 11.500000000 GH	-37.27 dBm					f 30.00 dBm	div Re	20.0 10.0
Start Fre 3.000000000 GH	-1300 days				▲ <sup>3</sup>	© <sup>2</sup>		-10.0
Stop Fre 20.000000000 GH	the second states and second	lfrad and a stand and a stand and a stand and a stand a	Laderright	gludgene seter strateging of	and the second sec	WA Carllon that was not	and the second	40.0 50.0 60.0
CF Ste 1.700000000 GH Auto Mi	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		1.0 MHz	#VE		3.000 G BW 1.0	
Freq Offs 0 F	FUNCTION WALVE	FUNCTION WOTH		-32.04 dBm -36.63 dBm -37.27 dBm	912 GHz 160 GHz 740 GHz			1 2
								7 8 9 10 11
		STATUS						•

### 30MHz~3GHz\_Band38\_20MHz\_QPSK\_1\_0\_MidCH38000-2595

									nalyzar - Siv		roight S	
Frequency	CE 1 2 3 4 5 6	TRAC	Log-Pwr	Avg	SE:INT			DC	50 0	10		R
Auto Tur	7 2 GHz	r1 2.58	Mk			#Atten: 3	NO: Fast 🕩 Sein:Low	1 dB	Offset 14			_
	25 dBm	27.		_				IBm	30.00	Ref	B/div	) dE
Center Fre 1.515000000 GH				-						-		0.0
Start Fre	-10:00 dDm	$\rightarrow$		-						-		0.0
Stop Fre 3.00000000 GH	handara para sa	ment boto	وسلفاق روم روم			ana ana ang ang ang ang ang ang ang ang	-	ور بر بر بر بر بر				0.0
CF Ste 297.000000 Mi Auto M	3.000 GHz (1001 pts)	600 ms (	Sweep 3.			1.0 MHz	#VBW		IHz	MHz 1.0 N		le
Freq Offs						27.25 di	2 GHz	2.587			N	
01	-											5 6 7
												8 9 0
			STATUS	-	-	**						a

#### 3GHz~10GHz\_Band38\_20MHz\_QPSK\_1\_0\_MidCH38000-2595

Ref 075et 14.1 dB         MKr3 7.780 GHz           38.85 dBm         -36.95 dBm           20         -36.95 dBm           21         -36.95 dBm           22         -36.95 dBm           23.00000000 dF         -30.000 dBm           24         -37.95 dBm           25         -36.95 dBm           26         -30.000 dBm           27         -36.95 dBm           28         -30.000 dBm           29         -31.94 dBm           1         -37.94 dBm	Keynight Spectrum Analyzer - Swept SA					
Brown Construction         Brown Construction         Mkr3 7.785 GHz -36.95 dBm         Auto Tur -36.95 dBm           00 00 00 00 00 00 00 00 00 00 00 00 00	R 10F 50 12 DO		Av		TRACE 1 3 3 4 5 6	
Control         Control <t< th=""><th>0 dB/div Ref 30.00 dBr</th><th>IFGain:Low #Atter</th><th></th><th>n</th><th>Akr3 7.785 GHz</th><th>Auto Tun</th></t<>	0 dB/div Ref 30.00 dBr	IFGain:Low #Atter		n	Akr3 7.785 GHz	Auto Tun
Image: constraint of the second sec	0.0					
Stop Frag         Stop Frag <t< td=""><td>0.0</td><td>▲3</td><td></td><td></td><td>01</td><td></td></t<>	0.0	▲3			01	
See BW 1.0 MHz         #VEW 1.0 MHz         Sweep 28.33 ms (1001 prs)         170000000 GA           Strate fixed         19.201 GHz         31.94 dH         Foxed CM	0.0	anandag di Afrika (Perso (Perso di Seria Englisio Anna)	Martington and sugar after	14794-15-25 emilijanski rojejen		
Operating         Constraint         Constraint <thconstraint< th="">         Constraint         Constrain</thconstraint<>	tart 3.000 GHz Res BW 1.0 MHz	#VBW 1.0 M			8.33 ms (1001 pts)	1.700000000 G
N         1         f         7.785 OHz         -38.95 dBm         01           6         -         -         -         01         01         01         01           7         -         -         -         -         -         01<	1 N 1 f	19.201 GHz -31.94 6.190 GHz -34.32	dBm	FUNCTION WOTH	FUNCTION VALUE	
	4 5 6	7.785 GHz -36.99	dBm			
	7 8 9 10					

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# 30MHz~3GHz\_Band38\_20MHz\_QPSK\_1\_0\_HighCH38150-2610

-c 4						-		Amalyzar - S		night Spe	
Frequency	5ep 67, 2018 E 1 2 3 4 5 6	TRAC	Type: Log-Pwr		Trig: Free Rur		0 D DC	50	10	_	R
Auto Tur	PNNNN	r1 2.602	MIL		#Atten: 30 dB	PNO: Fast H IFGain:Low					
	12 dBm	27.1	MIN				14.1 dB 0 dBm	Offset 1 f 30.00	Ref Ref	3/div	0 dE
Center Fre		1	_			_					20.0
1.515000000 GH									+		10.0
Start Fre	-13 00 40+										0.00 10.0
30.000000 Mi			_			_	_		-		20,0
	Note-share	marrie VII.	and and and and	un dad							30.0
Stop Fre 3.000000000 G									PR. AL	- Beach	40.0 50.0
3.00000000 Gi	_		-						+		60.0
CF Ste 297.000000 Mi	000 GHz	Stop 3.	Sweep 3		1.0 MHz	#VP1		ML-		t 30 M s BW	
Auto Ma			EURODAWOR	FUNCTION	Ŷ		×		x 50	NODE TH	NR.
Freq Offs					27.12 dBm	502 0 GHz	2.6		1	N 1	23
0)										+	4 5
	1									-	6
											8
										-	10
			STATUS								50

### 3GHz~10GHz\_Band38\_20MHz\_QPSK\_1\_0\_HighCH38150-2610

🛤 Keysight Spectrum Analyzer - Swept SA					
R. NF 50 D DC		Trig: Free Run	Avg Type: Log-Pwr	02:20:55 PM Sep 07, 2018 TRACE 1 2 3 4 5 6	Frequency
Ref Offset 14.1 dE	PNO: Fast ++ IFGain:Low	#Atten: 30 dB		DET P NNNNN	Auto Tune
10 dB/div Ref 30.00 dBm				-37.79 dBm	
20.0					Center Free 11.500000000 GH
0.00					11.5000000000
-10.D				-13.00 dDm	Start Free
-20.0	A3			8	3.000000000 GH
40.0	1941 194 194 194 194 194 194 194 194 194	فروسا مراجع المحاجة مراجع المحاور	and and a strategic states and the second	وكمود بسوان والمنصف والديد وسلوب والمعيد الا	Stop Free
-60.0					20.000000000 GH
Start 3.000 GHz #Res BW 1.0 MHz	#VBW	1.0 MHz	Sween 2	Stop 20.000 GHz	CF Step 1.700000000 GH
MAR MADE THE FOL			INCTION   FURNITION WOTH		Auto Ma
1 N 1 T 2 N 1 T 3 N 1 T 4 5	19.796 GHz 6.220 GHz 7.830 GHz	-31.76 dBm -37.38 dBm -37.79 dBm			Freq Offse
6 7					
8 9 10					
	1		1		
MSG			STATU	s	

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

									nalyzar - Soo		ight Spect			
Frequency	PM Aug 21, 2018 ACE 1 2 3 4 5 6	TR	ype: Log-Pwr		ense in		Iz	0000 G	51500	eq 1.	er Fre	Cen		
Auto Tun	IFGainLow         #Atten: 30 dB         DEI PININN           Ref Offset 14.1 dB         Mkr1 2.498 11 GHz         26.63 dBm         26.63 dBm           Del/div         Ref 30.00 dBm         26.63 dBm         26.83 dBm         26.83 dBm													
Center Free 1.515000000 GH		1								-		.0g 20.0 10.0		
Start Free 30.000000 MH	-13.00 dDa											10.0 20.0 30.0		
Stop Free 3.000000000 GH	dis-solir-solir-so	ومعطا لهمه	un an	no servedo	and not be	1000 <del>-1</del> -1618	1					40.0 50.0		
CF Stej 297.000000 MH Auto Ma	3.000 GHz (1001 pts)	.600 ms	Sweep 3.	EUNCTION	z	/ 1.0 MH	#VBV		Hz	1.0 M	30 M BW 1	Re		
Freq Offse 0 H					dBm	26.63	1 GHz	2.498		1	N 1	123456		
												7 8 9 10 11		
		5	STATUS									85G		

### 3GHz~10GHz Band41 5MHz QPSK 1 0 LowCH39675

	trum Analyzar - Si								
enter Fr	eq 11.500	000000 GHz	est T	rig: Free Rur	Ava	Type: Log-Pwr	TYPEN	23456	Frequency
	Ref Offset 1	IFGein:L		Atten: 30 dB			Mkr3 7.496		Auto Tur
dB/div	Ref 30.00	dBm					-37.53	dBm	
0.0			_						Center Fr 11.500000000 G
.00								_	
0.0	2 <sup>2</sup>		-			_		13.00 451	Start Fr 3.000000000 G
0.0	-	3	American	Carlond Service	and and and a straight	whitemanie	-		
0.0		a prime a standard standard						_	Stop Fr 20.000000000 G
tart 3.000			≠VBW 1.0	MHz		Sween	Stop 20.00	0 GHz	CF St 1.700000000 G
		×		S INIT IL	EUX TON	Instruction			Auto N
1 N 1 2 N 1 3 N 1	1	18.667 GH 4.997 GH 7.496 GH	z .	1.93 dBm 3.65 dBm 7.63 dBm					Freq Offs
4 5 6								-	0
7 8 9			-						
0			1						
3						STATU	-	•	

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

										ight Spec	Kayt			
123456	TRACE		Avg			z	0000 GI			er Fr				
1 GHz	Ref Offset 14.1 dB Mkr1 2.590 1 GHz 0 dB/div Ref 30.00 dBm 26.77 dBm													
	71								-		20.0 10.0			
-13.00 40-1	1								-		-10.0 -20.0 -30.0			
~~effe3-stae#*	alayartaki lahoyad			975 mini 1976 **	the sector of th	ديجيوراوم	ملاط ہے۔ بہتر کی				-40.0 -50.0 -60.0			
001 pts)	600 ms (1		INCTION.		1.0 MHz	#VBV			1.0 N	BW	Res			
					26.77 di	GHz	2.590							
e	1 GHz 7 dBm 	26.77 dBm	Type: Log-Pwr         Thece [1:2:3:4:5:4]           Mkr1 2.590 1 GHz         26.77 dBm           1         1           1	Avg Type: Log-Pwr Mkr1 2.590 1 GHz 26.77 dBm 	Avg Type:Log-Rwr Trace[1:2:3:4:5:6 area of the second sec	Avg Type: Log-Rwr 1992 (2.2.4.5.6 Trig: Free Run Avg Type: Log-Rwr 1992 (2.2.4.5.6 Mkr1 2.590 1 GHz 26.77 dBm 4000000 1000000 100000000 10000000000000	Hz         Trig: Free Run Satter: 20 dD         Avg Type: Log-Bwr Difference 20 dF         MMC1 (2.3.4.5 c) (1.0.1.5 c)           Mkr1 2.590 1 GHz 28.77 dBm         MKr1 2.590 1 GHz 28.77 dBm           Image: Stop 3.000 GHz 37VBW 1.0 MHz         Stop 3.000 GHz 370GHD           Image: Stop 3.000 GHz 377GHD         Stop 3.000 GHz 377GHD	DOC         Description         Aside Auro         Tele Transmitter         Avg Type: Log-Jwar         Tele Transmitter           INO, Fast         Trig: Free Run         Avg Type: Log-Jwar         Trig: See Run         Trig: See Run	Store         Aug Type: Log-Part         Extra Type: Log-Part <thextra log-part<="" th="" type:=""> <thextra log-part<="" th="" type:=""></thextra></thextra>	Bit Die Die         Status Infl         Aussin Auro         Bit Infl Die Hauge zumächen           Pig 1.515000000 GHz Prosition         Trig: Free Run Anten: 20 dB         Avg Type: Log-Perr Much [2.3 as a run of the status in the	err Freq 1,515000000 GHz Integ Free Run Batten: 20 dB         Avg Type: Log-Ner Trig: Free Run Mitra 12,590 1 GHz 28,77 dBm           Ref Offset 14.1 dB Idiv         Ref 30.00 dBm         Mkr1 2.590 1 GHz 28,77 dBm           30 MHz         Stop 3.000 GHz 100 Mitra 100 Mitra			

# 3GHz~10GHz\_Band41\_5MHz\_QPSK\_1\_0\_MidCH40620

	ectrum Analyzer - Sw			and the second second		0.0
Center F	req 11.5000	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	08:17:35 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWWW DET P NNNNN	Frequency
10 dB/div	Ref Offset 14 Ref 30.00	IFGein:Low	#Atten: 30 dB		4kr3 7.779 GHz -35.59 dBm	Auto Tuni
20.0						Center Fre 11.500000000 GH
20.0	0 <sup>2</sup>	<b>→</b> <sup>3</sup>			-1300 4001 	Start Fre 3.000000000 GH
40.0	and had a farmer	Angene in the second	es demys mit new print dank			Stop Fre 20.000000000 GH
	1.0 MHz	#VB	W 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH Auto Ma
1 N 2 N 3 N 4 5 6 7		x 18.980 GHz 5.186 GHz 7.779 GHz	-32.08 dBm -37.07 dBm -35.69 dBm	FUNCTION FUNCTION WOTH	FUNCTION VALUE	Freq Offse 0 H
8 9 10 11 4				STATU		

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

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

						trum Analyzer - Swep				
Frequency	08:22:02 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	ype: Log-Pwr	A	Trig: Free Rur	DOOD GHz	eq 1.515000				
	Ref Offset 14.1 dB m 28.33 dBm 28.33 dBm									
Center Fre 1.515000000 GH	11							20.0 10.0		
Start Fre 30.000000 MH	-1300 401							-10.0		
Stop Fre 3.000000000 GH	anadahi shiraradaki	And Section of the Annal Sector		- liersteneningtions	an a		******	40.0 60.0		
CF Ste 297.000000 Mit Auto Mit	Stop 3.000 GHz 00 ms (1001 pts)	Sweep 3.	FUNCTION	W 1.0 MHz	×	.0 MHz	MODE THE	Re		
Freq Offs 01	+			28.33 dBm	2.685 2 GHz	r	N 1	1234567		
								8 9 10 11		
		STATUS						850		

### 3GHz~10GHz\_Band41\_5MHz\_QPSK\_1\_0\_HighCH41565

	Analyzer - Swept SA					
Center Freq	11.50000000	DO GHZ	Trig: Free Run	Avg Type: Log-Pwr	08:22:15 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
	f Offset 14.1 dB	IFGein:Low	#Atten: 30 dB		Mkr3 8.063 GHz	Auto Tune
10 dB/div Re	ef 30.00 dBm				-35.39 dBm	
20.0		_				Center Free 11.50000000 GH
-10.0		_			-13 00 4201	Start Fre
-30.0	A2	♦3			2	3.000000000 GH
-40.0	and the second second	نيانية المراجع ( ( عراس )	ale and a second se	an a	a production of the second second	Stop Fre 20.000000000 GH
Start 3.000 G #Res BW 1.0	MHz	#VBV	V 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 GH Auto Ma
1 N 1 1		19.864 GHz	-31.60 dBm	UNCTION FUNCTION WOTH	FUNCTION WALVE	CARAS 1110
2 N 1 1 3 N 1 1 4		6.375 GHz 8.063 GHz	-37.81 dBm -35.39 dBm			Freq Offse 0 H
6 7 8						
9 10 11						
MSG				STATU	s	

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

	strum Analyzar -					
Center Fr	eq 1.515	000000 GHz PNO: Fest	Trig: Free Run	Avg Type: Log-Pwr	07:47:02 PMAug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency
10 dB/div	Auto Tune					
20.0 10.0					71	Center Freq 1.515000000 GHz
-10.0					-13 00 dDa	Start Freq 30.000000 MHz
40.0 50.0 60.0			in an an internet laster de	and a state of the	and had been as a second	Stop Free 3.000000000 GH2
Start 30 M Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep 3	Stop 3.000 GHz .600 ms (1001 pts)	CF Step 297.000000 MH Auto Mar
1 N 1 2 3 4 5 6 7	1	2.498 1 GHz	26.86 dBm			Freq Offset 0 Hz
7 8 9 10 11						
850				STATU	5	

#### 3GHz~10GHz Band41 10MHz QPSK 1 0 LowCH39700

						ctrum Analyzer -	sight Spec	
Frequency	07:47:14 PM Aug 21, 2018 TRACE 1 2 3 4 5 6	Type: Log-Pwr	Trig: Free Run		00000000 G		ter Fre	RL Cent
Auto Tu	TYPE NWWWWW		#Atten: 30 dB	PNO: Fest				
	kr3 7.503 GHz -37.27 dBm	N				Ref Offset Ref 30.0	3/div	0 dE
Center Fr								.0g
11.500000000 G					_	_		10.0
	-13 03 45 1							1.00
Start Fr 3.000000000 G	-13.00 dDa							20.0
3.00000000 G	and the second s				●3	<>2		30.0
Stop Fr	a down of the second	TRT-VURPT-STOP-STOP-STOP-ST	ANTINATION CONTRACTOR AND AND A	and the second sec	and a start of the st	4444 (444 (444)	and and	40.D
20.00000000 G								60.0
CF Ste	Stop 20.000 GHz					0 GHz	t 3.000	tar
1.700000000 G Auto M	3.33 ms (1001 pts)		1.0 MHz	#VBW		1.0 MHz		
LINE	FUNCTION WALVE	FUNCTION WOTH	-31.83 dBm	79 GHz	19.77	1	N 1	1
Freq Offs 0			-35.55 dBm -37.27 dBm	02 GHz 03 GHz	5.00 7.50	1	N 1 N 1	2 3 4 5
							-	67
								8
								10
		STATUS					-	50

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

GHZ PN0: Fast IFGeiniLow #Atten: 30 dB	Aug Type: Log-Pwr	07:35:36 PH Aug 21,2018 THACE 12:3:45:5 THEE HAWWWW DET P NNNN r1 2,590 1 GHz 26,90 dBm	Frequency Auto Tune Center Freq
	Mk	r1 2.590 1 GHz 26.90 dBm	
		71	Contor From
			1.515000000 GH
		-13 00 dGm	Start Fre 30.000000 MH
	al t <sub>al altern</sub> and an alternative states and a state of the second states and a states and a state of the second states and a states and a state of the second states and a states a	and the second	Stop Fre 3.000000000 GH
#VBW 1.0 MHz	Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
90 1 GHz 26.90 dBm			Freq Offse 0 H
	#VBW 1.0 MHz	90 1 GHz 26.90 dBm (20061000 (200610000))	#VBW 1.0 MHz         Stop 3.000 GHz           901 GHz         26.90 dBm

#### 3GHz~10GHz\_Band41\_10MHz\_QPSK\_1\_0\_MidCH40620

						m Analyzar - Sve	sight Spectra			
Frequency	07:56:11 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P NNNNN	Aug Type: Log-Pwr	Free Run	Tric	DOODO GHz	11.5000	er Fre	Cen		
Auto Tun	PRO: Pat ->-         Trig: Free Run iFGalnLow         Trig: Free Run #Atten: 30 dB         Trig: Free Run #Atten: 30 dB           10 dB/dk         Ref Offset 14.1 dB         Mkr3 7.779 GHz           10 dB/dk         Ref 30.00 dBm         -36.25 dBm									
Center Fre 11.500000000 GH				_				20.0 10.0		
Start Fre 3.000000000 GH	-1300 dBn				3	<b>∂</b> <sup>2</sup>		10.0 20.0 30.0		
Stop Fre 20.000000000 GH	an significant and a series	a financia de la constitución de la			and the second	Ser Sugarante ar	~ mul	40.0 50.0 60.0		
CF Ste 1.70000000 GH Auto Ma	Stop 20.000 GHz .33 ms (1001 pts)	Sweep 2	Hz	'BW 1.0 N	#V		3.000 BW 1.			
AUTO MIS	FUNCTION VALUE	ION FUNCTION WOTH	5 dBm	-31.0	X 18.623 GHz		N 1	1		
Freq Offs 0 F			5 dBm 5 dBm	-35.4	5.186 GHz 7.779 GHz	-		2 3 4 5 6		
								7 8 9 10		
	· · ·		-		-			11		
		STATUS						53		

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

	m Analyzer - Swept SA					
	1.51500000	0 GHz	Trig: Free Run	Avg Type: Log-Pwr	08:05:38 PM Aug 21, 2018 TRACE 1 2 3 4 5 6	Frequency
	Ref Offset 14.1 dB	PNO: Fast ++ IFGain:Low	#Atten: 30 dB	Mk	TYPE NNNNN DET PNNNNN	Auto Tune
	tef 30.00 dBm				28.00 dBm	
20.0						Center Free 1.515000000 GH
-10,0					-13.03.424	Start Free 30.000000 MH
40.0 60.0 -60.0		فانيوالمبرجحا بغيقه أدعاك		ىرىزىمەر يەھۇرىلىرى <sup>ى</sup> يەركەتكەن يەركەتكەن يەركەتكەن يەركەتكەن يەركەتكەن يەركەتكەن يەركەتكەن يەركەتكەن يەركەتكە	ann an State ann an	Stop Fre 3.000000000 GH
Start 30 MH #Res BW 1.0	0 MHz	#VBV	/ 1.0 MHz	Sweep 3	Stop 3.000 GHz .600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
1 N 1 2 3 4 5		2.682 2 GHz	28.00 dBm			Freq Offse 0 H
6 7 8 9 10						
11 +	-1	1		STATUS		

### 3GHz~10GHz\_Band41\_10MHz\_QPSK\_1\_0\_HighCH41540

Keynight Spectrum Analyzer - Siv			and the second second							
Center Freq 11.5000		Trig: Free Run	Avg Type: Log-Pwr	08:05:51 PMAug 21, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency					
	Ref Offset 14.1 dB Mkr3 8.055 GHz dB/div Ref 30.00 dBm -35.41 dBm									
20.0 10.0				-55.41 UBI	Center Fre 11.500000000 GH					
100 100 200 300	3			-1300 4014	Start Fre 3.00000000 GH					
10.0	en an the an international states of	nage and the second	alaga Mohtyriz Anniakastang	an an fair an	Stop Fro 20.000000000 G					
tart 3.000 GHz Res BW 1.0 MHz	#VBV	V 1.0 MHz	Sweep 2	Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.700000000 G Auto M					
1 N 1 f 2 N 1 f 4 5 6	19.983 GHz 6.370 GHz 8.055 GHz	-32.13 dBm -38.65 dBm -35.41 dBm			Freq Offs 0					
7 8 9 10										
ee la		*	STATU	5						

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

🛃 Keynight Spectrum Analyzer - Si					
Center Freq 1.5150		Trig: Free Run	Aug Type: Log-Pwr	07:30:17 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P NNNNN	Frequency
Ref Offset 1 10 dB/div Ref 30.00	Auto Tune				
20.0 10.0				*1	Center Freq 1.515000000 GHz
-10.0				-13.03 451	Start Freq 30.000000 MHz
40.0 50.0 60.0	Betty and a static second s	and the second	الحديقة بي خالم سير الحدام قرير معين ترقيقي	and Williamson and	Stop Freq 3.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBV	V 1.0 MHz	Sweep 3	Stop 3.000 GHz 600 ms (1001 pts)	CF Step 297.000000 MHz Auto Man
1 N 1 f 2 3 4 5 6 7	2.498 1 GHz	27.73 dBm			Freq Offset 0 Hz
8 9 10 11					

### 3GHz~10GHz Band41 15MHz QPSK 1 0 LowCH39725

0.4		-		-			ram Analyzar - S	pht Spects			
Frequency	07:30:31 PM Aug 21, 2018 TRACE 1 2 3 4 5 6	vpe: Log-Pwr	Avg	Trig: Free Run	Hz	0000000 G	q 11.500	r Fre	ent		
Auto Tur	DET P NNNNN	Hour Past #Atten: 30 dB Det P NNN HosinLow #Atten: 30 dB Det P NNN Bef Offset 14.1 dB Mkr3 7,511 GH:									
	-37.48 dBm						Ref Offset 1 Ref 30.00				
Center Fre						_	_		20.0		
11.500000000 G							_		10.0		
		-				-	_		1,00		
Start Fre 3.000000000 Gi	-13.00 dDn	-					_		10,0		
	8					.3	2		20,0		
	we want and a second se	-	manter	- compression	-		a stranger	when	40.0		
Stop Fr 20.00000000 G							_		50,0		
20.00000000 Gi			-			-	_		60,0		
CF Ste	Stop 20.000 GHz							3.000			
1.700000000 GI Auto M	.33 ms (1001 pts)			1.0 MHz	#VBW		.0 MHz				
	FUNCTION VALUE	FUNCTION WOTH	FUNCTION	-31.17 dBm	7 GHz	19.84	f		1		
Freq Offs				-34.95 dBm -37.48 dBm	7 GHz 1 GHz	5.00	1		3		
01									4		
									6		
							_		8		
					-		_		10		
		STATUS							50		

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

Keysight Spectrum Analyzer - Sv									
Center Freq 1.5150	00000 GHz	Trig: Free Run	Avg Type: Log-Pwr	07:34:02 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 Trop Nutrition	Frequency				
IFGalm.Low         Atten: 30 dB         Cell P IN NIN N           IFGalm.Low         #Atten: 30 dB         Cell P IN NIN N           IFGalm.Low         #Atten: 30 dB         Cell P IN NIN N           IFGalm.Low         #Atten: 30 dB         Cell P IN NIN N           IFGalm.Low         #Atten: 30 dB         MRT 2.587 2 GHz           IFGalm.Low         #Atten: 30 dB         MRT 2.587 2 GHz           IFGalm.Low         #Atten: 30 dB         MRT 2.587 2 GHz           IFGalm.Low         2"Atten: 40 dB         Cell P IN NIN N           IFGalm.Low         MRT 2.587 2 GHz         Cell P IN NIN N           IFGalm.Low         MRT 2.587 2 GHz         Cell P IN NIN N           IFGalm.Low         MRT 2.587 2 GHz         Cell P IN NIN N           IFGALM         IFGALM         IFGALM									
0.0 20.0 10.0				11	Center Free 1.515000000 GH				
20.0				-13 00 dDa	Start Fre 30.000000 MH				
	ور میکنور می وروند (مانولیز میرو می وروند) می اور می وروند (مانولیز میرو می وروند) می وروند (مانولیز می ورود (مانولیز می وروند (مانولیز می ورود (مانولیز می ورود (مانولیز	alustra autoritation	tend data the new set of a refer	and the property and	Stop Fre 3.000000000 GH				
tart 30 MHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma				
N         1         f           2         -         -           3         -         -           4         -         -           5         -         -           6         -         -           7         -         -           8         -         -           9         -         -	2.587 2 GHz	27.32 dBm			Freq Offse 0 H				
11			STATUS						

# 3GHz~10GHz\_Band41\_15MHz\_QPSK\_1\_0\_MidCH40620

	sctrum Analyzar - Sw			and the second second		
Center F	req 11.5000	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	07:34:34 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency
10 dB/div	Auto Tun					
20.0						Center Fre 11.500000000 GH
-10.0 -20.0 -30.0	A2	3			-13 00 40 4	Start Fre 3.000000000 GH
40.0	and the second	n an ann an Allen Breith Breith Breith	and a section as a section of the se	hayny yn lar y''r refer berhadron yn ar		Stop Fre 20.000000000 GH
	1.0 MHz	#VB	W 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5 6 7 8		x 18.912 GHz 5.186 GHz 7.779 GHz	-31.35 dBm -38.06 dBm -36.76 dBm	FUNCTION FUNCTION WOTH	FUNCTION VALUE	Freq Offse
9 10 11				STATU		

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

									nalyzar - See			
Frequency	MAug 21, 2018 26 1 2 3 4 5 6 27 P N N N N N	TRA	ALIGN AUTO	Ave	Run		Hz NO: Fast	0000 G	.51500	req 1		Cen
Auto Tune	In def offset 14.1 dB         Mkr11.26/F 3 MHz           Io gBuldiv         Ref Offset 14.1 dB           Io gBuldiv         Ref 30.00 dBm           26.91 dBm         26.91 dBm											10 di
Center Free 1.515000000 GH	1											20.0 10.0
Start Free 30.000000 MH	-13.00 4211	nil										-10.0 -20.0 -30.0
Stop Fre 3.000000000 GH	September 1878	san Alla	an a	and the second sec	exerce h	and a state of the	ملدن و : <del>ال</del> جند ال					-40.0 -50.0 -60.0
CF Ste 297.000000 MH Auto Ma		600 ms (	Sweep 3.	UNCTION	z	W 1.0 MHz	#VB	×	1Hz	1.0 N	t 30 M s BW	#Re
Freq Offse 0 H					iBm	26.91 d	3 GHz	2.676		7	N 1	1 2 3 4 5 6 7
						**						7 8 9 10 11
			STATUS									193

### 3GHz~10GHz\_Band41\_15MHz\_QPSK\_1\_0\_HighCH41515

Keysight Spectrum Analyzer - Sw			and the second second								
Center Freq 11.5000		Trig: Free Run	Avg Type: Log-Pwr	07:37:57 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Frequency						
	Ref Offset 14.1 dB Mkr3 8.048 GHz										
20.0	dBm			-36.68 dBm	Center Fre						
10.0				-13 00 40 1	Start Fre						
20.0 30.0	3		ليد بيدانيهم زيد معياو مديري مدين	2 mar was	3.000000000 GH						
40.0 50.0 50.0					Stop Fr 20.00000000 G						
tart 3.000 GHz Res BW 1.0 MHz	#VBV	V 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF St 1.700000000 G Auto M						
1 N 1 f 2 N 1 f 3 N 1 f 4 5	× 19.813 GHz 5.365 GHz 8.048 GHz	-31.90 dBm -38.67 dBm -36.68 dBm	NUTION FUNCTION WOTH	FUNETICIAMALUE	Freq Offs 01						
6 7 8 9 10											
90			STATU	s .							

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

Keyvight Spectrum Analyzer					
Center Freq 1.51	50 D DC 5000000 GHz PN0; Fast	Trig: Free Run	Avg Type: Log-Pwr	04:49:09 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TYPE M 444444	Frequency
Ref Offse 10 dB/div Ref 30.1	IFGain:Low	#Atten: 30 dB	Mk	r1 2.498 1 GHz 27.87 dBm	Auto Tune
20.0 10.0				*1	Center Freq 1.515000000 GHz
-10.0				-13 00 401	Start Freq 30.000000 MHz
40.0 50.0 60.0	ندارىيىغ <del>ان ھەك</del> ەردەتەتلەرىي <sub>جەر</sub> اپى	en an	and the second	and Joseph Production of the	Stop Freq 3.00000000 GHz
Start 30 MHz Res BW 1.0 MHz	x	V 1.0 MHz	Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Step 297.000000 MH Auto Mar
1 N 1 f 2 3 4 6 6 7 8 9	2.498 1 GHz	27.87 dBm			Freq Offse 0 H
10 11 (			STATUS	· · ·	

#### 3GHz~10GHz\_Band41\_20MHz\_QPSK\_1\_0\_LowCH39750

RL	IUF 50 1		SERGE:10		ALIGN AUTO	04:49:22 PM Aug 21, 201 TRACE 1 2 3 4 5	Frequency
Center Fr	eq 11.500	000000 GHz PNO: Fest	*- Trig: Free Run #Atten: 30 dB	Avg Type	Log-Pwr	TYPE NWWWW	
	Z Auto Tun						
0 dB/div	Ref 30.00	dBm				-38.05 dBr	1
20.0	_						Center Fr 11.500000000 Gi
0.0	_					-1300 40	Start Fr
30.0	22 m	man 3 marsha	and the second	the part and the second	gladupaise		3.000000000 GH
50,0	_						Stop Fre 20.000000000 G
tart 3.00 Res BW		#VB	W 1.0 MHz	5	weep 2	Stop 20.000 GH 3.33 ms (1001 pts	1.70000000 G
RE MORE TH		×	Ý	FUNCTION FUN	CHONWOTH	FUNCTION VALUE	Auto M
1 N 1 2 N 1 3 N 1 4 5	1	19.014 GHz 5.012 GHz 7.518 GHz	-32.13 dBm -36.12 dBm -38.06 dBm				Freq Offs
6 7 8 9							
10							

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

0000 GHz	SENSE:1NT	Auton Auto Avg Type: Log-Pwr	04:54:01 PM Aug 21, 2018 TRACE 1 2 3 4 5 6	Frequency					
PNO: Fast	Trig: Free Run	wall table: roll-town	DET P NNNNN	requerrey					
Ref Offset 14.1 dB Mkr1 2.584 2 GHz 10 dB/div Ref 30.00 dBm 27.85 dBm									
			-1	Center Fre 1.515000000 GH					
			-13 00 dDm	Start Free 30.000000 MH					
	the new California And	a Balance many many dage to the following of the	unalist Whitematicspoore	Stop Fre 3.000000000 GH					
×	Y FUN		Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma					
2.584 2 GHz	27.85 dBm			Freq Offse 0 H					
	#VBW 1.	IricainLow         EAsten: 30 dB           IdB         IdB           Bm         IdB           IdB         IdB	#Atten: 30 dB           Mkg           Bm         Mkg           Idb         I	Bit Description         Extent of our         Mkr1 2:584 2 GHz         27.85 dBm           Bit Description         1         1         1         1         1           Image: State of the state of					

# 3GHz~10GHz\_Band41\_20MHz\_QPSK\_1\_0\_MidCH40620

							em Analyzar - Sw	right Spectr			
Frequency	04:54:14 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P NNNNN	ALTON AUTO		Trig: Free R	Hz NO: Fast	000000 G	q 11.5000	er Fre	Cen		
Auto Tur	If Galan Low #Atten: 30 dB Cert P / In GHz 10 dBidity Ref 30.00 dBm38.09 dBm38.09 dBm										
Center Fre 11.500000000 GH									20.0 10.0		
Start Fre 3.000000000 GH	-1300 dBn				3		0 <sup>2</sup>		-10.0 -20.0 -30.0		
Stop Fre 20.000000000 GH	and the second	nder mangel dear hander	all have a fee	-laplated	an a	- mar	un son	and the second	40.0 50.0 60.0		
CF Ste 1.70000000 GH Auto Ma	Stop 20.000 GHz .33 ms (1001 pts)	Sweep 28		1.0 MHz	#VB			3.000 BW 1.			
Malo ma	FUNCTION VALUE	FUNCTION WOTH	FUNC	-32.24 dBm	6 GHz	× 18.94	1	N 1	1		
Freq Offs 0 H				-36.09 dBm	6 GHz 9 GHz	7.77	f	N 1	4 5 6		
									7 8 9 10		
		+ +			+		-	+ +	11		
		STATUS							15G		

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f (886-2) 2298-0488



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

	trum Analyzer - Swept											
Center Fre	eq 1.515000		Trig: Free Run	Avg Type: Log-Pwr	05:58:52 PM Aug 21, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P N N N N N	Frequency						
10 dB/div	Ref Offset 14.1 dB Mkr1 2.670 3 GHz											
20.0 10.0					<b></b> <sup>*1</sup>	Center Fred 1.515000000 GH:						
-10.0					-13 00 dDr	Start Free 30.000000 MH						
-40.0	apaggara Alda Iraana	and the second	an a la state de la state de la secol		an Halen Ville	Stop Free 3.000000000 GH						
Start 30 Mi Res BW 1	.0 MHz	#VBV	( 1.0 MHz	Sweep 3	Stop 3.000 GHz .600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma						
1 N 1 2 3 4 5 6	1	2.670 3 GHz	27.26 dBm		+	Freq Offse 0 H						
7 8 9 10 11												
850				STATU	8							

### 3GHz~10GHz\_Band41\_20MHz\_QPSK\_1\_0\_HighCH41490

Keysight Spectrum Analyzer - Swept SA					
Center Freq 11.50000000		Avg Type	Log-Pwr TRU	PM Aug 21, 2018 GE 1 2 3 4 5 6 (PE N WWWWW SET P N N N N N	Frequency
Ref Offset 14.1 dB	IFGain:Low #Atten: 3		Mkr3 8.	040 GHz	Auto Tune
10 dB/div Ref 30.00 dBm			-36	18 dBm	
20.0					Center Fre
0.00 30.0				-13:00 001	Start Fre
20.0 30.0 40.0 40.0 40.0 40.0 40.0 40.0 4	3	and the second	-	- A	3.000000000 G
	a Philip a francisco filipa a parine ta anciente				Stop Fre 20.000000000 Gi
tart 3.000 GHz Res BW 1.0 MHz	#VBW 1.0 MHz		Stop 2 Sweep 28.33 ms		CF Sto 1.700000000 G
	19.711 GHz -31.71 de	FUNCTION FUN	CTION WOTH FUNCT	CINIWALUE ·	uto Ma
2 N 1 f 3 N 1 f 4 5	6.360 GHz -37.61 df 8.040 GHz -36.18 df	3m			Freq Offs
6 7 8					
9 10 11					
sa			STATUS		

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

Keysight Spectrum Analyzer - Swept SA					
Center Freq 1.515000000	PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	10:06:52 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Frequency
Ref Offset 13.9 dB 10 dB/div Ref 30.00 dBm	IFGain:Low	#Atten: 30 dB	Mk	r1 1.711 0 GHz 26.82 dBm	Auto Tune
og 20.0 10.0		1			Center Free 1.515000000 GH
20.0				-13.00 dDe	Start Free 30.000000 MH
	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	mention contractions of the	and the second	angeren van de Manaan die s	Stop Free 3.000000000 GH
Start 30 MHz #Res BW 1.0 MHz	#VBW 1		Sweep 3.	Stop 3.000 GHz 600 ms (1001 pts)	CF Step 297.000000 MH Auto Mar
1 N 1 f 1 3 4 6 6	.711 0 GHz	26.82 dBm		FOR TOT VALUE 7	Freq Offset 0 H:
7 8 9 10 11					
450			STATUS		

### 3GHz~10GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_LowCH131979

	07:05 AM Aug 22, 2018	Frequency
11.500000000 GHz Avg Type: Log-Pwr	THACE 1 2 3 4 5 6	Frequency
IFGeiniLow #Atten: 30 dB	DET P NNNNN	Auto Tur
	5.132 GHz -36.69 dBm	Auto Tu
		Center Fre
	<u> </u>	11.500000000 G
	-1309-00-	
		Start Fre 3.00000000 G
A Contraction of the second se	- and the second	0.00000000000
and the state of t		Stop Fr
		20.00000000 G
Hz Sto	p 20.000 GHz	CF Ste
MHz #VBW 1.0 MHz Sweep 28.33		1.700000000 G Auto M
	FUNCTION VALUE	Links
19.847 GHz -31.25 dBm		
19.847 GHz -31.25 dBm 3.421 GHz -40.00 dBm		
19.847 GHz -31.25 dBm 3.421 GHz -40.00 dBm		
19.847 GHz -31.25 dBm 3.421 GHz -40.00 dBm		Freq Offs 01

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

								Analyzer - S		
Frequency	10:10:30 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P NNNNN	Type: Log-Pwr	+	Run		z	00000 GH	1.5150		nter
Auto Tune	1 1.743 7 GHz 26.23 dBm	Mk			#Atten: 30	VO: Fast	1F	f Offset 1 of 30.00		dB/div
Center Free 1.515000000 GH			1							
Start Free 30.000000 MH	-43.00 dDn									0
Stop Fre 3.000000000 GH	inden härre och All Bahnarden.	and a star where the star	hum	- James	haden och mitte	lan selin kende		•ب • • على جد	*****	0
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	UNCTION		1.0 MHz	#VBW	×		N 1.0	art 30 les B1
Freq Offse 0 H					26.23 dE	7 GHz	1.743			N
	··	STATUS								

# 3GHz~10GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_MidCH132322

	ectrum Analyzer - Si					
Center F	req 11.500	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	10:10:41 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWWW DET P NNNNN	Frequency
10 dB/div	Auto Tune					
20.0						Center Free 11.500000000 GH
10.0 20.0 30.0 /\2	▲3				-1300 dBm	Start Fre 3.000000000 GH
40.0 60.0 60.0	and the state	and have a set of the other states and the set of the s	*****	Propagation and the second second	an a	Stop Fre 20.000000000 GH
tart 3.00 Res BW	1.0 MHz	#VB	W 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5 6 7 8 9	1	× 19.641 GHz 3.490 GHz 5.235 GHz	-31.80 dBm -38.70 dBm -37.01 dBm	UNCTION FUNCTION WOTH	FUNCTION VALUE	Freq Offse
10				STATU		

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

	m Analyzer - Swept SA		And a second second				
	1.51500000	0 GHz	Trig: Free Run	Avg	Type: Log-Pwr	10:13:26 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	Frequency
10 dB/div R	ef Offset 13.9 dB ef 30.00 dBm	IFGain:Low	#Atten: 30 dB		Mk		
20.0 10.0				71			Center Free 1.515000000 GH
-10.0						-13.00 dDa	Start Free 30.000000 MH
40.0 60.0		and a second s	a sandati san dalari minin	a harmon	a george for a series of the	and an an and the second s	Stop Fre 3.00000000 GH
Start 30 MHz #Res BW 1.0	MHz	#VBV	/ 1.0 MHz		Sweep 3	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 Mi- Auto Ma
1 N 1 2 3 4 5 6		1.779 3 GHz	26.74 dBm				Freq Offse 0 H
7 8 9 10 11							
850					STATUS		

### 3GHz~10GHz\_Band66\_1\_4MHz\_QPSK\_1\_0\_HighCH132665

							m Analyzar - Sv	nt:Spectru	
Frequency	10:13:38 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	pe: Log-Pwr		Trig: Free F	Hz	00000 G	11.500	r Free	ente
Auto Tune	Akr3 5.338 GHz -38,61 dBm	N	в	#Atten: 30	Sein:Low	9 dB	ef Offset 1		
Center Free 11.500000000 GH	-36.61 GBM					1Bm	ef 30.00	iv F	0.0 -
Start Free 3.00000000 GH	-1300 dBa						•3		0.0
Stop Free 20.000000000 GH	and the second street street	ilent openter i manerere	in programme	eralater Meleran	un na de serve	an a	manne	Jone	io.o 🖴 io.o –
CF Ste 1.700000000 GH Auto Ma	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2	FUNCT	1.0 MHz	#VBV		MHz	.000 ( 3W 1.)	Res
Freq Offse 0 H	6			-32.22 dBr -39.49 dBr -38.61 dBr	2 GHz 9 GHz 8 GHz	3.55	r r	1	1 N 2 N 3 N 4 5 6 7
				.ii					8 9 0 1
	-	STATUS							G

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

									nalyzar - Sya			
Frequency	AM Aug 22, 2018 ACE 1 2 3 4 5 6 YPE MWWWWW DET P NNNNN	TRA	rg Type: Log-Pwr		• Run	Trig: Fre	IZ	0000 GH	.51500	eq 1		R Cen
Auto Tun	11 0 GHz	r1 1.71	Мн		10 dB	#Atten: 3	IFGein;Low #Atten: Ref Offset 13.9 dB iv Ref 30.00 dBm					
Center Free 1.515000000 GH				1								.og 20.0 10.0
Start Free 30,000000 MH	-13:00 dDn											0.0
Stop Free 3.000000000 GH	ter anno an an Anno Anno Anno Anno Anno Ann			Jelens	ano se	ududkom	Core-children - 27	ander de son Caraché	and a start of the start of the	-	-	40.0 50.0
CF Ste 297.000000 MH Auto Ma	3.000 GHz (1001 pts)	.600 ms	Sweep 3	FUNCTI		1.0 MHz	#VBW	×	1Hz	1.0 N	t 30 M s BW 1	Re
Freq Offse 0 H					Bm	26.05 d	0 GHz	1.711		1	N 1	123456
												7 8 9 10 11
		s	STATU									50

#### 3GHz~10GHz\_Band66\_3MHz\_QPSK\_1\_0\_LowCH131987

Frequency	09:47:57 AM Aug 22, 2018	ALIGN AUTO		SENSE:11		0 D DC			۱L
Frequency	TRACE 123456 TYPE NUMBER	Log-Pwr	Avg	Trig: Free Run	GHz PNO: Fast	0000000	q 11.500	r Fre	nter
Auto Tu				#Atten: 30 dB	IFGain:Low				
Auto Tu	kr3 5.135 GHz -35.73 dBm	N					Ref Offset 1 Ref 30.00		B/d
Center Fr		-			_		_		; —
11.500000000 G									-
	-13.02 454								
Start Fr 3.000000000 G	10000								Ē
5.555555555	Start and and and and and				-	_	<b>●</b> <sup>3</sup>	2	
Stop Fr		والجاز والجورة تركوا الكانة	and the second	القوم فلرب المجمومة الرجال	All and the	and the section of	a secondary	har	1
20.000000000 G									
CF St 1,70000000 G	Stop 20.000 GHz .33 ms (1001 pts)	Sweep 2		W 1.0 MHz	#VB		GHz 0 MHz	.000	
Auto M	FUNCTION WALVE	BIOWNOOD	FUNCTION	Ŷ		×	500	ETRO	
Freg Offs			-	-32.17 dBm -40.45 dBm	847 GHz 423 GHz	3.	1	1	NN
0 Pred Olis				-35.73 dBm	135 GHz	5.	1	1	N
					-		_		_
					-		-		
		STATUS		. 17				-	-

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

		Center Freq 1.515000000 GHz TNO: Fast -++ BroginLow RAtten: 30 dB Mkr1 1.74							
Frequency	09:57:43 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TVPE NWWWW DET P NNNNN			Trig: Free Ru	NO: Fast	000000 G		Fre	
Auto Tune	r1 1.743 7 GHz 26.60 dBm	Mk	_	#Atten: 30 dB	Gain:Low	17.9 dB			) dB/di
Center Fre 1.515000000 GH			21						0.0
Start Free 30.000000 MH	-13.00 dDn								0.0
Stop Fre 3.000000000 GH	anan ang ang ang ang ang ang ang ang ang	and the second				ange ng betar Hardbell			
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	PLINET	0 MHz	#VBW		0 MHz	W 1.	tart 30 Res B
Freq Offse 0 H				26.60 dBm	7 GHz	1.743			1 N 2 3 4 5 6 7 8 9 0
		ETATUS					-		

# 3GHz~10GHz\_Band66\_3MHz\_QPSK\_1\_0\_MidCH132322

								n Analyzar - Sv		
Frequency	7:59 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	Log-Pwr	Avg T	ree Run		GHZ	000000	11.500		Cen
Auto Tur	5.235 GHz 38.16 dBm	м		30 dB	#Atten: 3	Gain Low	1F 1.9 dB	of Offset 13 of 30.00		10 dl
Center Fre 11.500000000 GR										20.0 10.0
Start Fre 3.000000000 GH	-1300 00 1							▲3	A2	10.0 20.0 30.0
Stop Fre 20.000000000 GH	And an a fair and a start	en alpenan				n bruke-s	مەرىيە مىياروللە مەرىيە	are and a second	4 Other Har	40.0 50.0
CF Ste 1.70000000 GH Auto Mi	p 20.000 GHz ms (1001 pts)	weep 28		łz	W 1.0 MH	#VE			3.000 G BW 1.0	
Links	UNICTION WALVE	TONWOTH	FUNCTION		-31.00 d	01 GHz			N 1 N 1	1 2
Freq Offs 01				dBm	-38.16 d	35 GHz	5.2		N 1	3 4 5 6
										7 8 9 10
			-	+		-		1		11
		STATUS								53

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## 30MHz~3GHz Band66 3MHz QPSK 1 0 HighCH132657

300         300           300         300           400         400           400         500           500         500           500         500           500         500           500         500           500         500           500         500           500         500           500         500           500         500           500         500           500         500           500         500           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000           500         5000		di-						
		00 GHz		Avg Typ		TRACE	123456	Frequency
10 dB/div		IFGain/Low	#Atten: 30 dB		Mk	r1 1.776	4 GHz	Auto Tune
20.0				71				Center Fre 1.515000000 GH
20.0							-13.00 dDm	Start Fre 30.000000 MH
40.0 <b>10.0 10.0</b>		ي الله و الله الله الله الله الله الله ال	historia	Balance	مەرەخىنى بېيىمىيەركىيەرى مەرەخىنى بېيىمىيەركىيەر	James and the state of the stat		Stop Fre 3.000000000 GH
Res BW 1.	0 MHz	#VBV				.600 ms (1	001 pts)	CF Ste 297.000000 Mi Auto Ma
1 N 1 2 3 4 5		1.776 4 GHz	27.22 dBm				_	Freq Offse 0 H
6 7 8 9 10 11								
*					STATUS	1		

#### 3GHz~10GHz\_Band66\_3MHz\_QPSK\_1\_0\_HighCH132657

	strum Analyzar - Si					
Center Fi	req 11.500	000000 GHz PN0: Fest	Trig: Free Run	Avg Type: Log-Pwr	10:01:32 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNNN	Frequency
10 dB/div	Ref Offset 1 Ref 30.00	IFGein:Low 3.9 dB	#Atten: 30 dB		Mkr3 5.336 GHz -39.24 dBm	Auto Tune
20.0 10.0						Center Free 11.500000000 GH
-10.0	•3				-1300-000-00	Start Free 3.000000000 GH:
	and the second	and the second sec	adden yn stad feledin yn yr felan ffiligi	and and a second and a second	1943 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 -	Stop Fre 20.000000000 GH
Start 3.00 #Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep 2	Stop 20.000 GHz 28.33 ms (1001 pts)	CF Ste 1.70000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5 6 7	1 1 1	* 18.963 GHz 3.657 GHz 5.336 GHz	-31.78 dBm -39.97 dBm -39.24 dBm	PORCIESY WOIT	FOREIGN MADE +	Freq Offse 0 H
7 8 9 10 11						
MSG				STATU	15	

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

									nalyzar - Sve			
Frequency	10:00 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN		vg Type: Log-Pw			Trig: Free	NO: Fast -+	00000 GH	.51500	req 1		n R Cer
Auto Tun	.711 0 GHz 26.58 dBm	Mkr1 1	N		0 dB	#Atten: 3	Sein:Low	9 dB	Offset 13 30.00 (		B/div	
Center Fre 1.515000000 GH				1								.og 20.0 10.0
Start Free 30.000000 MH	-13.00 dDm											0.00 10.0 20.0 30.0
Stop Fre 3.000000000 GH	*********	B		l <b>b</b> arra	antila		****	يەت كەربىيەتىيىتى مەت كەربىيەتىيىتى				40.0 50.0 60.0
CF Ste 297.000000 MH Auto Ma	top 3.000 GHz ms (1001 pts)	p 3.600	Sweep	FUNCT		1.0 MHz	#VBW	×		1.0 N	nt 30 N Is BW	Re
Freq Offse 0 H					3m	26.58 dE	0 GHz	1.711		1	N 1	123456
												7 8 9 10 11
		TATUS	STA									15G

#### 3GHz~10GHz Band66 5MHz QPSK 1 0 LowCH131997

	09:30:33 AM Aug 22, 2018	ALTON AUTO		SENSE:1N			m Analyzar - 3	a spectru	RL
Frequency	TRACE 1 3 3 4 5 6	Log-Pwr	Avg Ty	Trig: Free Run		0000000		Fre	
Auto Tu	DET P NNNNN			#Atten: 30 dB	PNO: Fast Gain:Low	1			
Auto Tu	kr3 5.138 GHz -37.65 dBm	M					tef Offset Ref 30.00		dB/d
Center Fr									8
11.500000000 G			_		-	_	-		
							+		10
Start Fr	-13 00 dDn		-		-	-	-		•
3.000000000 G	01						.3		0
	a provide and a prose of the sector	and the state of t	alisten maria	mandraham	start of the second of	whenter	wine the second	and and	
Stop Fr 20.000000000 G			_		-	_	-		0
20.000000000 G			_		-		-		0
CF St	Stop 20.000 GHz							.000	
1.70000000 G Auto M	3.33 ms (1001 pts)			1.0 MHz	#VBV		0 MHz		
	FUNCTION WALLE	CTION WOTH	UNCTION	-30.60 dBm	35 GHz	19.2	1	1	N
Freq Offs				-40.25 dBm -37.65 dBm	25 GHz 38 GHz	3.4	1	1	N
0							_		
							_		
							_		
					-				

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

								trum Analyzar -				
Frequency	09:38:51 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MUMUUN DET P NNNNN	g Type: Log-Pwr		Run		IZ NO: Fast	00000 GH	eq 1.515		Cen		
Auto Tun		Mkr1 1.743 7 GH					1F 3.9 dB	Ref Offset 13.9 dB				
Center Fre 1.515000000 GH			11							.0g 20.0 10.0		
Start Fre 30.000000 MH	-13.03 451									10.0 20.0		
Stop Fre 3.000000000 GH	and the termination of the second	and a second	1	and	han harring	- Sandara Sandara	and a second			40.0 50.0 60.0		
CF Ste 297.000000 MH Auto Ma	Stop 3.000 GHz .600 ms (1001 pts)	Sweep 3.	TING		1.0 MHz	#VBW		1.0 MHz	t 30 M s BW 1	Re		
Freq Offse 0 H					26.85 dE	7 GHz	1.743		N 1			
						-				<		
		STATUS								53		

# 3GHz~10GHz\_Band66\_5MHz\_QPSK\_1\_0\_MidCH132322

						Analyzer - Swept SA		
Frequency	19:04 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 Type MWWWW DET P NNNNN	Log-Pwr	Avg	Trig: Free Ru	PNO: Fest	50 B BC	er Freq	Cent
Auto Tur	3 5.235 GHz -36.44 dBm	M		#Atten: 30 dB	IFGein:Low	f Offset 13.9 dB f 30.00 dBm		10 dE
Center Fre 11.500000000 GH								.0g 20.0 10.0
Start Fre 3.000000000 GF	-1300 dBn					▲3	<u>∧2</u>	10.0 20.0 30.0
Stop Fre 20.000000000 GH	Angue - Dente Holder C	-179-40-3-1-1964	and the second second			والمستعلم مردها والمعاد	North	40.0 50.0 60.0
CF Ste 1.70000000 GH Auto Mi	op 20.000 GHz ms (1001 pts)	Sweep 28		1.0 MHz	#VB		3.000 GI BW 1.0	
Freq Offs 0 F	FUNICINI VALUE	CTERN WORTH	FUNCTION	-31.94 dBm -38.69 dBm -36.44 dBm	.371 GHz .490 GHz .235 GHz	11		1 2
								7 8 9 10 11
		STATUS						50

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

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台灣檢驗科技股份有限公司



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

Keysight Spectrum Analyze			6		
Center Freq 1.51	50 D DC 5000000 GHz PN0: Fast	Trig: Free Run	Avg Type: Log-Pwr	09:41:50 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P NNNNN	Frequency
10 dB/div Ref 30.	IFGein:Low 00 dBm	#Atten: 30 dB	м	kr1 1.776 4 GHz 27.32 dBm	Auto Tuni
20.0 10.0			71		Center Fre 1.515000000 GH
10.0 -10.0 -20.0 -30.0				-13.00 dDn	Start Fre 30.000000 MH
	an a	and the second	Mangado may management	an ter page de la constant a constant a constant a	Stop Fre 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	#VB	W 1.0 MHz	Sweep 3	Stop 3.000 GHz 3.600 ms (1001 pts)	CF Ste 297.000000 Mi Auto Ma
1 N 1 f 2 3 4 5 6	1.776 4 GHz	27.32 dBm			Freq Offse
7 8 9 10 11					
* [] ees			STATU	*	

### 3GHz~10GHz\_Band66\_5MHz\_QPSK\_1\_0\_HighCH132647

di 🕰									Analyzar - S	t.Spectru	
Frequency	ACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	TRA	Log-Pwr	Avg	Run		Hz	000000	11.500	Free	RL Inter
Auto Tune	333 GHz	Mkr3 5.3	N		0 dB	#Atten: 3	Gein:Low	IF 1.9 dB	f Offset 1		
Center Free 11.500000000 GH		-55.						dBm	ef 30.00	VF	dB/di
Start Free 3.000000000 GH	-1300 ann								.3		
Stop Fre 20.000000000 GH	and a second	isè	, d-clauryraw			and the second		and the second	an the state of the	From	
CF Step 1.700000000 GH Auto Ma	0.000 GHz (1001 pts)	8.33 ms	Sweep 2			/ 1.0 MHz	#VB		MHz	.000 W 1.	les B
Freq Offse 0 H	F	PDWL1			3m 3m	-31.91 df -40.17 df -39.22 df	3 GHz 5 GHz 13 GHz	3.5		1 1	N
		s	STATUS								

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

-c- 44 -	and the second second second			_				Analyzar - So			
Frequency	09:25:14 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	Type: Log-Pwr		Free Run	Triat		00000 GI	1.5150	Freq '		Cen
Auto Tune	r1 1.711 0 GHz 26.93 dBm	Mk		m: 30 dB		Gain Low	1F 3.9 dB	Offset 13	Ref	B/div	10 d
Center Freq 1.515000000 GHz			1								20.0 10.0
Start Free 30.000000 MHz	-13.00 aDr										10.0 20.0 30.0
Stop Free 3.000000000 GH	ylaidenna farð sennastjanaris	and the second second	u hungan	honesta					<b></b>		40.0 50.0 60.0
CF Stej 297.000000 MH Auto Ma	Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	FUNCTION	IHz	W 1.0 M	#VB\	×		MHz / 1.0 P	s Bl	Re
Freq Offse 0 H				3 dBm	26.9	0 GHz	1.711		1 1	N	123456
											7 8 9 10 11
		STATUS									450

#### 3GHz~10GHz\_Band66\_10MHz\_QPSK\_1\_0\_LowCH132022

0.0						Analyzer - Swept	t Spectru		
Frequency	09:25:26 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MUMMUM DET P N N N N N	pe: Log-Pwr	Avg	Trig: Free Ru	0000 GHz	11.50000	Free		en R
Auto Tur	0er P NNNNN 1kr3 5.145 GHz -37.15 dBm	N		#Atten: 30 dB	IFGain:Low	f Offset 13.9 of 30.00 dB		B/div	0.4
Center Fr 11.500000000 G									og 20.0 10.0
Start Fr 3.000000000 G	-1300 dBm					<b>A</b> 3	2		0.0
Stop Fr 20.000000000 G	an ing the spectra of the state	and an in grigological second	and the second second	renașt I erropringere albert.	- In many to me	and the second second	-	-	0.0
CF St 1.700000000 G	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		V 1.0 MHz	#VE		.000 ( W 1.		
Auto M	FUNCTION VALUE	INCTION WOTH	FUNCTION	-31.44 dBm -38.70 dBm -37.15 dBm	× 19.405 GHz 3.430 GHz 5.145 GHz			NNN	1
0	*				0.140 0014				4 5 6 7
									8 9 10 11
		STATUS						_	100

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

Keysight Spectrum Analyzer - Sw RL III 50 D					
enter Freq 1.51500	00000 GHz PN0: Fest	Trig: Free Run	Aug Type: Log-Pwr	09:29:34 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
Ref Offset 13 0 dB/div Ref 30.00 (	IFGein:Low	#Atten: 30 dB	Мн	cr1 1.740 7 GHz 26.39 dBm	Auto Tune
og 20.0 10.0			1		Center Fre 1.515000000 GH
20.0				-13 00 dDm	Start Free 30.000000 MH
40.0 50.0		een marmal	a fatter of the second second	and and the second second strategies and	Stop Fre 3.000000000 GH
Res BW 1.0 MHz	#VBW	f 1.0 MHz	Sweep 3	Stop 3.000 GHz .600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
N         1         f           2         -         -           3         -         -           4         -         -           5         -         -           6         -         -           7         -         -           8         -         -           9         -         -           00         -         -	1.740 7 GHz	26.39.dBm			Freq Offse 0 H
11			ETATU		

# 3GHz~10GHz\_Band66\_10MHz\_QPSK\_1\_0\_MidCH132322

	and a second state of the						m Amalyzar - Sv	ight Spectra	
Frequency	19:29:46 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWW DET P NNNNN	ALIGN AUTO	n A	Trig: Free Ru	Hz	000000 G	11.500	er Fre	Cent
Auto Tur	r3 5.235 GHz -34.65 dBm	N		#Atten: 30 dB	Sein:Low	JFC 9 dB	ef Offset 13 ef 30.00		10 dE
Center Fre 11.500000000 GH									20.0 10.0
Start Fre 3.000000000 GH	-1300 40m						<b>♦</b> <sup>3</sup>	<u>^2</u>	10.0 20.0 30.0
Stop Fre 20.000000000 GH	يىرىغى مۇمە <sup>ت</sup> ىللەتىر مۇرا <u>نىدى</u> قىلەر يەتلەرى	1/1940-1976-1940-1944/A	the second second	alar-sadiya biya bi	المنوبالطبيداريا	an a	-	()~~~	10.0 50.0
CF Ste 1.700000000 GH Auto Ma	top 20.000 GHz 3 ms (1001 pts)	Sweep 2		0 MHz	#VBW			3.000 BW 1.	
Auto Ma	FUNCTION VALUE	UNCTOWNOTH	FUNCTION	32.32 dBm	Cille.	× 19.01			25
Freq Offs				40.73 dBm 34.65 dBm	5 GHz	3.49		N 1	4
									6 7 8 9
		-			-		-	11	11
		STATUS							150

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台灣檢驗科技股份有限公司



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

	ectrum Analyzer - Sw						-0-0-2
Center F	req 1.51500		Trig: Free Run	Avg T	ALIGN AUTO	09:31:58 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE NUMBER DET P NNNNN	Frequency
10 dB/div	Ref Offset 13 Ref 30.00	IFGain:Low	#Atten: 30 dB		Mk	r1 1.770 4 GHz 26.90 dBm	A
20.0 10.0				1			Center Fred 1.515000000 GH
-10.0						-13 00 dDn	Start Free 30.000000 MH
-40.0 -60.0		ن منطقا الإسطالية مع الجميد الحد مع المراجع الم	and the second	Janar	and a second	and and the second s	Stop Fre 3.000000000 GH
Start 30   #Res BW	1.0 MHz	#VB1	W 1.0 MHz		Sweep 3	Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
1 N 1 2 3 4 5		1.770 4 GHz	26.90 dBm				Freq Offse
6 7 8 9 10 11							
* SG					STATUS		

### 3GHz~10GHz\_Band66\_10MHz\_QPSK\_1\_0\_HighCH132622

	ctrum Analyzer - Sv					
Center Fi	req 11.500	000000 GHz PN0: Fest	Trig: Free Run	Avg Type: Log-Pwr	09:32:10 AM Aug 22, 3018 TRACE 1 2 3 4 5 6 TVPE MWWWWW DET P NNNNN	Frequency
10 dB/div	Ref Offset 13 Ref 30.00	IFGain:Low 3.9 dB	#Atten: 30 dB		Mkr3 5.325 GHz -38.54 dBm	Auto Tune
20.0 10.0	Ref 30.00					Center Fred 11.50000000 GH
-10.0 -20.0 -30.0	•3				-1300 dBa	Start Free 3.00000000 GH
-40.0 -60.0 -60.0	That was		al a constitute of a factor of the	وسکور کا ویژن به اوا به او و و و و و و و و و و و و و و و و و و	n hydraff yn ar fely gallaffer yn anger fe	Stop Free 20.000000000 GH
Start 3.00 #Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep 2	Stop 20.000 GHz 28.33 ms (1001 pts)	CF Step 1.700000000 GH Auto Mar
1 N 1 2 N 1 3 N 1 4	f	18.793 GHz 3.550 GHz 5.325 GHz	-31.36 dBm -40.07 dBm -38.64 dBm	FUNCTION FUNCTION WOTH	EXAMPLE A	Freq Offse 0 H
6 7 8 9 10 11			19			
MSG				STATU	s	

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

-c 🕸 🕰							m Analyzar - S	Spectru		
Frequency	09:12:50 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P NNNNN	vg Type: Log-Pwr	r]	rig: Free Run	Hz NO: Fast	00000 GH	1.5150	Fre		Cer
Auto Tune	1.711 0 GHz 26.31 dBm	Mki		Atten: 30 dB	Gain:Low	1F 13.9 dB	ef Offset		B/div	
Center Fred 1.515000000 GHz			1							20.0 10.0
Start Free 30.000000 MHz	-13 00 40 1								E	-10,0 -20,0 -30,0
Stop Free 3.000000000 GH2	esi-re-verkælintpan.ov.tret	والمسمرة فروحتها واليطريسي حيي	J.	assessed and		nan na				-40.0 -50.0
CF Step 297.000000 MH Auto Mar	Stop 3.000 GHz 00 ms (1001 pts)	Sweep 3.		0 MHz	#VBW		MHz	N 1.	nt 30 es Bi	#Re
Freq Offset 0 Ha				26.31 dBm	I O GHZ	1.711	Ť	1	N	1 2 3 4 5 6 7
										8 9 10 11
		STATUS								853

#### 3GHz~10GHz\_Band66\_15MHz\_QPSK\_1\_0\_LowCH132047

-c- 4				-			trum Analyzar	sight Spec	
Frequency	09:13:03 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE NWWWWW DET P NWNNN	rg Type: Log-Pwr		Trig: Free R	D GHz	50 D DC		er Fr	Cent
Auto Tur	1kr3 5.153 GHz -37.64 dBm	N	3	#Atten: 30 d	IFGain:Low	et 13.9 dB	Ref Offse Ref 30.0	Vdiv	10 dE
Center Fre 11.500000000 GH							-		20.0 10.0
Start Fre 3.000000000 Gi	-1300 401						3	~2	10.0 10.0 20.0
Stop Fr 20.000000000 G	epoly-makedianon-mailine	de andersket of halfstyrigeneration	change	Aug Art will a share	Anterio	tere all segments of	*****	a la farma	40.0 50.0
CF Ste 1.700000000 G	Stop 20.000 GHz 8.33 ms (1001 pts)	Sweep 2		V 1.0 MHz	#VE		) GHz 1.0 MHz	3.000 BW	
Auto M Freq Offs	FUNCTION VALUE	FUNCTION WOTH	FUNC	-32.07 dBm -39.15 dBm -37.64 dBm	.575 GHz .435 GHz .153 GHz	3.	1 1 1	N 1 N 1	1 2
0	•								4 5 6 7
									8 9 10
		STATUS							50

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

-0- Ø- 🛋									alyzar - Siveq			BA Ke
Frequency	30 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P NNNNN	09:1	Log-Pwr	Ave		Trig: Free	Fast	000 GHz	51500	req 1		
Auto Tune	737 8 GHz 6.50 dBm	kr1 1	м	_	dB	#Atten: 30	Low	IFGa dB	ffset 13. 30.00 d		B/div	10 d
Center Fre 1.515000000 GH				1				_		-	_	20.0
Start Free 30.000000 MH	-13 00 45m											10.0 20.0 30.0
Stop Fre 3.000000000 GH	And any for a family the	-	and and a special sector		anna			****		57-57-1R	in orto	40.0 50.0 60.0
CF Ste 297.000000 MH Auto Ma	p 3.000 GHz is (1001 pts)	3.600	Sweep 3	No. T HOM		1.0 MHz	#VBW		Hz	1.0 N	t 30 s BW	Re
Freq Offse 0 H						26.50 dB	Hz	1.737 8			N	
	· ·	-	STATU		1		1				1	11

#### 3GHz~10GHz\_Band66\_15MHz\_QPSK\_1\_0\_MidCH132322

	and the second			-		am Analyzar - Sive	
Frequency	09:16:44 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	e: Log-Pwr	Avg	Trig: Free Ru	00000 GHz PNO: Fest	q 11.5000	nter Fre
Auto Tun	kr3 5.235 GHz -37.33 dBm	M		#Atten: 30 dB	IFGein:Low 9 dB	Ref Offset 13. Ref 30.00 d	dB/div
Center Free 11.500000000 GH							9 1.0 1.0
Start Fre 3.000000000 GH	-1300 400					<b>A</b> 3	
Stop Fre 20.000000000 GH	gaare stand a suite a set	hourseal	dama da	- lerinetetisinisedan.	ร <sub>ัฐสา</sub> น เห็นของ และ เป็นที่ 1.	and a second second	
CF Ste 1.70000000 GH Auto Ma	Stop 20.000 GHz 33 ms (1001 pts)			W 1.0 MHz	#VE	0 MHz	art 3.000 les BW 1
Freq Offse	FUNETRA VALUE	ACTION WOTH	FUNCTION	-32.46 dBm -39.94 dBm -37.33 dBm	19.881 GHz 3.490 GHz 5.235 GHz	1 1 1	
		STATUS					1

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台灣檢驗科技股份有限公司



# 30MHz~3GHz\_Band66\_15MHz\_QPSK\_1\_0\_HighCH132597

Keysight Sp RL	ectrum Analyzer -					-0- 4- 23
		0000000 GHz PN0: Fest	Trig: Free Run	Avg Type: Log-Pwr		Frequency
10 dB/div	Ref Offset Ref 30.0	IFGain:Low	#Atten: 30 dB	м	kr1 1.767 5 GHz 27.36 dBm	Auto Tuni
20.0 10.0				*1		Center Fre 1.515000000 GH
10.0 20.0 30.0					-13 00 4214	Start Fre 30.000000 MH
40.0		,	in old one water and the second	Newspoorse		Stop Fre 3.00000000 GH
Start 30 / Res BW	1.0 MHz	#VB	W 1.0 MHz	Sweep	Stop 3.000 GHz 3.600 ms (1001 pts)	CF Ste 297.000000 Mi Auto Ma
1 N 2 3 4 5		1.767 5 GHz	27.36 dBm			Freq Offse
6 7 8 9 10 11						
*				STAT	us	

### 3GHz~10GHz\_Band66\_15MHz\_QPSK\_1\_0\_HighCH132597

							m Amalyzar - Sw	Spectr		
Frequency	09:19:25 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N N	ype: Log-Pwr		Trig: Free Ru	GHz PNO: Fast	000000	11.5000	Fre	nter	
Auto Tune	4kr3 5.318 GHz -37.37 dBm	N		#Atten: 30 dl	FGain/Low	IF 1.9 dB	ef Offset 13 ef 30.00		B/div	10.4
Center Free 11.500000000 GH							50.00	<u> </u>		20.0 10.0
Start Free 3.000000000 GH	-1300 abs		_				3	,		-10.0 -20.0 -30.0
Stop Free 20.000000000 GH	an a	****		12 89.744.479.949.474.446	and the second secon	9.44 al - 44 a	an zede	1 march	-	-40.0 -50.0
CF Ste 1.700000000 GH Auto Ma	Stop 20.000 GHz 8.33 ms (1001 pts)			W 1.0 MHz	#VB		MHz	000 W 1.	s B	#Re
Freq Offse 0 H	FORETER VALUE	HUNDTON WOTH	FORCE	-32.44 dBm -40.65 dBm -37.37 dBm	01 GHz 46 GHz 118 GHz	3.5		1 1	NNN	1 2 3 4 5 6 7
				W						7 9 10 11
	1	STATUS								853

# 30MHz~3GHz\_Band66\_20MHz\_QPSK\_1\_0\_LowCH132072

				-			n Analyzar - S			
Frequency	08:52:45 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TVPE MWWWW DET P NNNNN	g Type: Log-Pwr	A	Trig: Free Run	Hz	00000 GH	1.5150			Cer
Auto Tune	r1 1.711 0 GHz 26.67 dBm	Mk		#Atten: 30 dB	Gain:Low	1F	of Offset 1 of 30.00		B/div	10 d
Center Freq 1.515000000 GHz			*1					_		20.0 10.0
Start Freq 30.000000 MHz	-13 00 421								=	-10.0
Stop Free 3.00000000 GH2	hysen (noosilisi noosiloona digena	lor have a second	- J Laborari		and a state of the state	-	****	an Crava	-	40.0 50.0 60.0
CF Step 297.000000 MH Auto Mar	Stop 3.000 GHz .600 ms (1001 pts)	Sweep 3.	EUNCTION	.0 MHz	#VBV		MHz	MH2 N 1.0	s Bl	Re
Freq Offset 0 Ha				26.67 dBm	0 GHz	1.711		1	N	1 2 3 4 5 6
										7 8 9 10 11
		STATUS								450

#### 3GHz~10GHz Band66 20MHz QPSK 1 0 LowCH132072

-0-14							m Amelyzer - Si				
Frequency	08:52:57 AM Aug 22, 2018	Aug Type: Log-Pwr		SENSE:INT		Center Freg 11.500000000 GHz					
Trequency	TRACE 1 2 3 4 5 6	e: Log-Pwr	A	Trig: Free Run	iHz	000000 G	11.500	r Frec	ente		
	PROC Fast										
Auto Tur	Ref Officet 13.9 dB Mkr3 5.160 GHz 10 dB/div Ref 30.00 dBm -35.99 dBm										
Center Fr									<sup>8</sup>		
11.500000000 G											
									00		
Start Fr	-13 00 dDm								1.0		
3.000000000 G	1								2.0		
	Q.		_				▲3	12	10		
	and the second		represent	a second to be an all	والمرمدية	1 particular	manu	and the second	3,0		
Stop Fr 20.000000000 G									3,0		
20.0000000000									2.0		
CFSt	Stop 20.000 GHz						Hz	3.000 0	art		
1.700000000 G	3.33 ms (1001 pts)	Sweep 28		1.0 MHz	#VBV		MHz	BW 1.0	Res		
Auto M	FUNCTION VALUE	NOTION WOTH	FUNCTION	Ý.		×		DE TRO S			
				-31.43 dBm -39.03 dBm	8 GHz 0 GHz	3.44		1	1 N 2 N		
Freq Offs				-35.99 dBm	0 GHz	5.16	r	1	A N		
۰ ۱	+								5		
									7		
							-		8		
					-		_		0		
					1		'	+ +			
		STATUS							3		

#### 30MHz~3GHz\_Band66\_20MHz\_QPSK\_1\_0\_MidCH132322

Keysight Spectrum Analyz					
	50 D DC 515000000 GHz	SUNSE:INT	Avg Type: Log-Pwr	08:55:27 AM Aug 22, 2018 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast IFGain:Low	#Atten: 30 dB		r1 1.737 8 GHz	Auto Tune
0 dB/div Ref 30					
20.0 10.0					Center Free 1.515000000 GH
10.0 20.0				-13.00 401	Start Free 30.000000 MH
30 0 40 0 50 0	an a	unante		and a state of the	Stop Fre 3.000000000 GH
Start 30 MHz Res BW 1.0 MHz	łz #VBW	1.0 MHz		Stop 3.000 GHz 600 ms (1001 pts)	CF Ste 297.000000 MH Auto Ma
1 N 1 f 2 3 4	1.737 8 GHz	26.92 dBm			Freq Offse
5 6 7 8 9					
10					
30 MHz BW 1.0 MHz	Hz #VBW	Y Fund	Sweep 3	600 ms (1001 pts)	3.00000000 G CF St 297.000000 M <u>Auto</u> M Freq Offs

# 3GHz~10GHz\_Band66\_20MHz\_QPSK\_1\_0\_MidCH132322

	ectrum Analyzer - S					
Center F	req 11.500	D DC 0000000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	08:55:38 AM Aug 22, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNNN	Frequency
10 dB/div	Ref Offset 1 Ref 30.00	IFGain:Low	#Atten: 30 dB		4kr3 5.235 GHz -38.07 dBm	Auto Tune
20.0						Center Free 11.500000000 GH
-10.0	3				-1300 dBa	Start Free 3.000000000 GH
40.0	and and a star of the second	and the second s	n Biller of States The product of the States of the	an a	and the second second second second	Stop Fre 20.000000000 GH
	1.0 MHz	#VE	W 1.0 MHz		Stop 20.000 GHz 8.33 ms (1001 pts)	CF Ste 1.70000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5 6 7 7 8 9	1	× 19.065 GHz 3.490 GHz 6.236 GHz	-32.60 dBm -40.72 dBm -38.07 dBm	FUNCTION FUNCTION WOTH	FUNCTION VALUE &	Freq Offse
10			**	STATU		

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

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bit is balance of the balance of t and offenders may be prosecuted to the fullest extent of the law.

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