

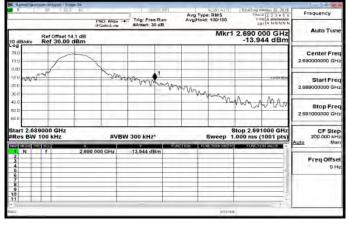
## Band41 10MHz QPSK 1 0 LowCH39700-2501

10.4		-			-			134	anyan i 🖂	1		
Frequency	1 2 3 4 5 6	TRA	ALIMANTE 8: RMS 100/100	Avg T	e Run	Jan	Wide	16.1	50 -		ц	R
	ANNNNN		and they			#Atten: 3	GalistLow	iF				-
Auto Tun	38 dBm		Mkr2	~			-		offset 14		B/div	10 d
Center Fre		~	-	-				-				20.0
2.49600000 GH		1	1		-		-	-		-		19.9
1-5-5	My Marca		1	men	1	ant m	-					100
Start Fre 2,495000000 GH				v v	Willary	nahm					-	20.0
10000000					-		m	ANARO	x 1	hall	6	30.0
Stop Fre		-		-	-		-	Via	how	2VV	NI	40.0
2.497000000 GH												60.0
CF Ste	7000 GHz	Stop 2.49	5					_	0 GHz	19500	12.4	Star
200.000 kH Auto Ma	(1001 pts)	.000 ms	Sweep 1			/ 300 kHz	#VB		kHz	V 100	s BV	#Re
Auto ma	ION WALLE	FUNCT	SCTICIN WIDTH	INCTION .		-14.251 di	0 GHz	2,496.00			N	1
Freq Offse	_				Bm	-15.638 di		2,495 91	-	1 i	N	2
DH	_				-				-			4
					-						-	56789
					-		_			-	-	8
			_		-				1			10 11
			STATUS					_			-	*
			Princip								-	1

#### Band41 10MHz QPSK 50 0 HighCH41540-2685

enter Freq 2.6900	00000 GHz	Trig: Free Run	Avg Type: Log-Pwr	03144-22 PMNov 26, 2018 TRACE 1-2-3-4-5-6 Tritte A WWWWW CETLA NNNNN	Frequency
	iFGain:Low	#Atten: 30 dB			Auto Tun
o dB/div Ref 30.00	dBm		Mkr1	2.690 000 GHz -26.02 dBm	
og 30.0					Center Fre
10.0		_			2.69000000 GH
0.00	-				
10.0	200	1			Start Fre
36.01	Ven	pour strant	and the second	and	2.689000000 GH
40.0					Stop Fre
50,0					2.691000000 GH
50 D					
Res BW 100 kHz	#VB	N 300 KHz		top 2.691000 GHz 000 ms (1001 pts)	CF Ste 200.000 kH
	2,690 000 GHz	-26.02 dBm	NETION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 3 4	2,090 000 GHZ	-20.02 00m			Freq Offse
5					
7 8 9					1
10					
n				· · · ·	

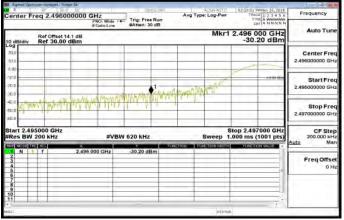
#### Band41\_10MHz\_QPSK\_1\_49\_HighCH41540-2685



#### Band41 10MHz QPSK 50 0 LowCH39700-2501

- Cagment The	A STORY AND A STORY OF	temps (ja				10 4 103
Center F	req 2.496	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	03144:05 PMNov 26, 2018 TRACE 1 2 3 4 5 6 TITEL A WWWWW	Frequency
10 dB/div	Ref Offset	iFGain:Low	#Atten: 30 dB	Mkr1	2.496 000 GHz -23.56 dBm	Auto Tune
39.0						Center Free 2.496000000 GH;
0.00				strain the	. 10 (kr 4) (kr	Start Free 2.495000000 GH:
40 0 60,0 60,0						Stop Free 2,497000000 GH:
#Res BW	95000 GHz 100 kHz		W 300 kHz	Sweep 1	top 2.497000 GHz 000 ms (1001 pts)	CF Step 200.000 kH Auto Mar
1 N 2 3 4	102 2001 1 1 T	2,496 000 GHz	-23.56 dBm	AICTION FUNCTION WIDTH	DATE CONTAINE	Freq Offse
5 6 7 8 9 10 11						
11       15	1.1	I.		STATUS		

# Band41\_15MHz\_QPSK\_1\_0\_LowCH39725-2503.5



#### Band41 15MHz QPSK 1 74 HighCH41515-2682.5

16.4	1.1.3.9.42 WM Nov 26, 2038	ALIMANT					11 54	Annyati	-Barren	G (g man
Frequency	TRACE 1 2 3 4 5 6 THE A WWWW		Avg Ty Avg/Ho		Jan	NO: Wide -		50	-	H.
Auto Tun		and the second		Bb	#Atten: 30	Gales:Low	ú.			
Auto Tun	2.690 054 GHz -14.455 dBm	Mkr2				-		ef Offset 1. ef 30.00		dB/d
Center Free			-	-		-	-	1	~	10
2.1.10000000 010		1 1	_			-	1	1		- 00
Start Free	40.00100	-		1 2 -	AR AA MA	Arto	-Ale	-		0
2.689000000 GH	Nar Manurana Va	W. WWW	spectrational	es that wh	and that are					0
Stop Free						-	-			0
2.691000000 GH									_	0
CF Step 200.000 kH	top 2.691000 GHz 000 ms (1001 pts)				620 kHz*	#VB	-	00 GHz 0 kHz		
Auto Mar	PUNCTION VALUE	NCTION HIDTH			Ŷ	-	×			
Freq Offse		-	-		-19.060 dB -14.466 dB	4 GHz	2,690 00	-		N
DH		-	-	-				-		
		-	-	-		_		-		
			-	-		-		-		
				-	_			1.		-
		STATUS								1

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台灣檢驗科技股份有限公司



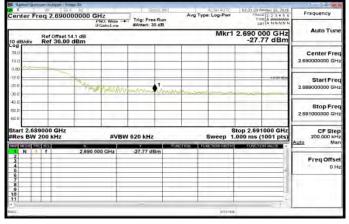
## Band41 15MHz QPSK 75 0 LowCH39725-2503.5

again igenna annyn i hans Sa				0.4.6
Center Freq 2.496000000 GHz	SERISELIWI	Avg Type: Log-Pwr	0.3:31:06 PMNov 26, 2018 TRACE 1 2 3 4 5 6	Frequency
PNO: Wide iFGain:Low	#Atten: 30 dB		DET A NNNNN	
Ref Offset 14.1 dB		Mkr1	2.496 000 GHz -23.64 dBm	Auto Tun
20.0 10.0				Center Fre 2.496000000 GH
0.02				
200	man friend	an-remained		Start Fre 2.496000000 GH
40.0				Stop Fre
60.0				2.497000000 GH
Start 2.495000 GHz #Res BW 200 kHz #VB	W 620 kHz	Sweep 1	Stop 2.497000 GHz .000 ms (1001 pts)	CF Ste 200.000 kH
N 1 1 2,496 000 GHz	-23.64 dBm	NETION FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 3 4	-23.04 0Bm			Freq Offse D H
5 6 7 8 9				1.
10		_		
nga i		57716		1

#### Band41 20MHz QPSK 1 99 HighCH41490-2680

B	- 1.50	RI		lav.	E IIII	Avg Typ	ALIM ATC e: RMS I: 100/100	TRA	PMNor 26, 2038	Frequency
		PN IFG	D: Fast	#Atten: 30	dB	Avginoid	. 100/100	-	A NNNNN	
10 dBJdiv	Ref Offset 1 Ref 30.00	4.1 dB dBm				~	Mkr		040 GHz 15 dBm	Auto Tuni
30.0 19.0					_					Center Free 2.69000000 GH
0.00 -100 200		muladial	MANN AN	within the	2 m 14	W BALLOW	human	Jown La	annes	Start Free 2.889000000 GH
40.0 60.0 60.0	-						at 1	M. I. Mla.	A.M. W.	Stop Free 2.691000000 GH
Start 2.68 Res BW	300 kHz	*	#VBW	1.0 MHz*	_			1.000 ms	1000 GHz (1001 pts)	CF Ste 200.000 kH Auto Ma
1 N 2 N 3 4 5 6	Ţ	2,690 000 2,690 040	GHz GHz	-21,663 dB -16,415 dB	m					Freq Offse 0 H
9 9 10							_			
80				-			STAT			-

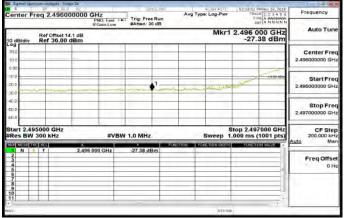
#### Band41\_15MHz\_QPSK\_75\_0\_HighCH41515-2682.5



#### Band41 20MHz QPSK 1 0 LowCH39750-2506

10.4								NJUE   So		an ihan	0.91
Frequency	03:17:40 PMNov 26, 2018 TRACE 1 2 3 4 5 6 TITLE A WWWWW	ALIGN MITC	Avg Ty	e Run	Trig: Free	NO: Fast ++	- 12. P	5,0,5	8		R
Auto Tun	2.495 976 GHz -26.94 dBm	Mkr2 2	_	30 dB	#Atten: 30	Sain:Low	4.1 dB	Offset 1 30.00		/div	0 dE
Center Free 2.496000000 GH											og 39,0 10.0
Start Free 2.495000000 GH	100.00	Why They who	h white	2.	A JANE A						0.00
Stop Free 2.497000000 GH			o dia d	DN P	htteath	Mandhau	hel-help-th	WWW	WW	iyan	4D D 50,0
CF Ster 200.000 kH Auto Ma	op 2.497000 GHz 000 ms (1001 pts)	Sweep 1.0			1.0 MHz	#VBV			5000 300 H	BW	Res
Freq Offse 0 H	i station and a station of the state	NETION WIDTH		Bm	-41,63 dB -26,94 dB	0 GHZ 5 GHZ	2,496 00 2,495 97		f f	N 1 N 1	1 2 3 4
											5 6 7 8 9 10

# Band41\_20MHz\_QPSK\_100\_0\_LowCH39750-2506



#### Band41 20MHz QPSK 100 0 HighCH41490-2680

Aginer (gennen Anterpres   Smert Sa	10.4
Center Freq 2.690000000 G	03:10:12 DWNov 25, 2018 TRACE 1 2 3 4 5 6 Triel A WWWWW LET A NN NN N
10 dB/div Ref 30.00 dBm	-26.72 dBm
30.0	Center Fre 2,69000000 GH
0.00	2.69000000 GP
-10.0	satisfies Start Fre
36.0	2.689000000 GH
40.0	Stop Fre
£0.0	2.691000000 GH
Start 2.689000 GHz #Res BW 300 kHz	200 ms (1001 pts)
N 1 1 2,690 (	Auto Ma
2 3 4	Freq Offse
5 6 7 8 9 10	
9 10 11	

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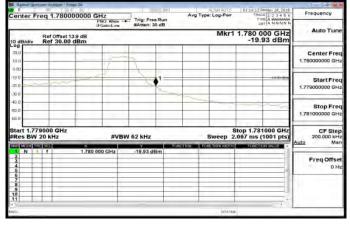
#### Band66 1 4MHz QPSK 1 0 LowCH131979-1710.7

all and they	An any at 1		1	ALTHINATO	01:15:50 PMNov 28, 2018	10 4 63
Center Fr	reg 1.710	000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	1115/50 PMNov 28, 2018 TRACE 1 2 3 4 5 6 TRACE A WWWWW DET A NNNNN	Frequency
10 dB/div	Ref Offset Ref 30.0	IFGain:Low	#Atten: 30 dB	Mkr1	1.710 000 GHz -20.00 dBm	Auto Tuni
20.0 10.0	_					Center Fre 1.710000000 GH
0.00 -10.0 -20.0			e/			Start Fre 1.709000000 GH
40 0 60,0 60,0	~~~~					Stop Fre 1.711000000 GH
Start 1.70 #Res BW		#VE	W 62 kHz	Sweep 2	Stop 1.711000 GHz 2.067 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
N 2345678		1,710 000 GHz	-20,00 dBm			Freq Offse 0 H
9 10 11				FATE		

#### Band66 1 4MHz QPSK 6 0 HighCH132665-1779.3

Frequency	01.16.44 PM Nov 28, 2018 TRACE 1 2 3 4 5 6	ALIGH NUTC	Run I	1.5.0	Hz PNO: Wide -•	00000 G	1.7800		R.
Auto Tur	DET A NNNNN	-		#Atten: 34	PNO: Wide		-	_	-
Auto Tu	1.780 000 GHz -26.58 dBm	Mkr1				3.9 dB dBm	ef Offset 1 tef 30.00	iv F	O dB
Center Fre		_	_	_	-	-	-	×	30.0
1.78000000 GH		_		~					10.0
	100000			1.					10:00
Start Fre 1.779000000 GH			1	- 1 -	-	-		_	20.0
					-	-	-	-	30.0
Stop Fre					1				40.0
1.781000000 GH			_		-	-	-	_	60.0
CF Ste 200.000 kH	top 1.781000 GHz 067 ms (1001 pts)	Sweep 2.		62 kHz	#VBV	-	00 GHz kHz	1,7790 BW 20	
Auto Ma	PUNCTION VALUE	LUNCTON MOTOR		×	-	×			197
Freq Offs			m	-26.58 dE	100 GHz	1,780 0		1	2345
							-		6 7 8 9
	+		_	_			1	11	10
		STATUS							50

#### Band66\_1\_4MHz\_QPSK\_1\_5\_HighCH132665-1779.3



#### Band66 1 4MHz QPSK 6 0 LowCH131979-1710.7

Against Sheeten an adda to be 24		SERISE IIII ALIUM	WJ10 01116132 PMINov 28, 2018	10.4.63
Center Freq 1.7100000	00 GHz	Aug Type: Log	Pwr TRACE 1 2 3 4 5 1	Frequency
Ref Offset 13.9 c 0 dB/div Ref 30.00 dB/	iFGain:Low #Atten	7	Akr1 1.710 000 GHz -26.13 dBm	Auto Tuni
og 30,0 10.0		-		Center Free 1.710000000 GH
0.00		•12	-todruğu	Start Free 1.709000000 GH
				Stop Free 1.711000000 GH
Start 1,709000 GHz Res BW 20 kHz	#VBW 62 kHz		Stop 1.711000 GHz ep 2.067 ms (1001 pts)	
2 3 4	1.710 000 GHz -26.13	dBm	PLODENTIAL VALUE -	Freq Offse 0 H
5 6 7 8 9 10 11				

## Band66 3MHz QPSK 1 0 LowCH131987-1711.5

agner (person anayze) i Soese	14				10 4 63
Center Freg 1.71000	PNO: Wide	Trig: Free Run	Aug Type: Log-Pwr	01110:47 PMNov 28, 2018 TRACE 1 2 3 4 5 6 TITE A WWWWW	Frequency
Ref Offset 13: 10 dB/div Ref 30.00 d		#Atten: 30 dB	Mkr1	1.710 000 GHz -14.59 dBm	Auto Tune
30,0 10.0		- 7	~		Center Free 1.710000000 GH
0.00 10.0 20.0		1			Start Free 1.709000000 GH
40 0 40 0 60,0 60 0					Stop Free 1.711000000 GH
Start 1.709000 GHz Res BW 39 kHz	#VBW	120 kHz		Stop 1.711000 GHz .000 ms (1001 pts)	CF Stej 200.000 kH Auto Ma
1 N I T	1,710 000 GHz	-14.59 dBm			Freq Offse 0 H
2 3 4 5 6 7 8 9 9 10					
1972			57A168	,	

#### Band66 3MHz QPSK 1 14 HighCH132657-1778.5

B R	reg 1.780000	TR I	Trig: Pree Run #Atten: 30 dB	Aug Type: Log-Pwr	01111 18 PMNov 28, 2018 TRACE 1 2 3 4 5 6 Trace A WWWW	Frequency
10 dB/div	Ref Offset 135 Ref 30.00 d	9 dB		Mkr1	1.780 000 GHz -13.69 dBm	Auto Tune
20,0 10.0	_	- 2-	2			Center Free 1.780000000 GH
0.00 -10.0 -20.0	~~~		1		rainiga	Start Free 1.779000000 GH
-30.0 -40.0 -50.0 						Stop Free 1.781000000 GH:
Start 1.77 Res BW		#VBA	N 120 KHz	S Sweep 1.	top 1.781000 GHz 000 ms (1001 pts)	CF Step 200.000 kH Auto Mar
1 N 1 2 3 4 5		1,780.000 GHz	-13.69 dBm			Freq Offse 0 Ha
6 7 8 9 10 11						
* सहद्				STATUS		

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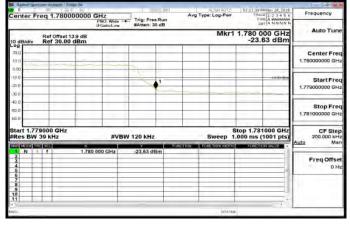
## Band66\_3MHz\_QPSK\_15\_0\_LowCH131987-1711.5

Gigment (gentrepend)	nanyan i Tomas Sa	Sinse III	ALDINANO	61111125 PMNov 28, 2018	10.4 23
Center Freq	1.710000000 GHz	Vide Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	iFGale Offset 13.9 dB f 30.00 dBm	Low #Atten: 30 dB	Mkr	1.710 000 GHz -24.80 dBm	Auto Tune
20,0 10:0			2		Center Fre 1.710000000 GH
0.00 -10.0 -20.0		1		-1910-1010	Start Fre 1.709000000 GH
40.0					Stop Fre 1.711000000 GH
Start 1.709000 #Res BW 39 k	Hz	#VBW 120 kHz		Stop 1.711000 GHz 1.000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
1 N 1 1 2 3 4	1.710 000 G				Freq Offse 0 H
5 6 7 8 9 10 11					1
1450			STATU	8	

#### Band66 5MHz QPSK 1 24 HighCH132647-1777.5

R	req 1.780	000000 GHz	Wide Trig: Pr		Log-Pwr	01106.04 M TRAC TRAC	MNov 28, 2018 1 2 3 4 5 6 A WWWWWW T A NNNNN	Frequency
10 dB/div	Ref Offset Ref 30.00	13.9 dB			Mkr1	1.780 0	00 GHz 35 dBm	Auto Tun
20,0 10.0		-	~	_				Center Fre 1.78000000 GH
0.00 10 <sup>0</sup> 0 20.0	~~		1	_				Start Fre 1.779000000 GH
40.0 50,0 60.0				/	1	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~	Stop Fre 1.781000000 GH
Start 1.7		-	#VBW 150 kH			top 1.781 .000 ms (*	1001 pts)	CF Ste 200.000 kit Auto M
1 N 2 3 4 5 6		1,780 000 G	Hz -20.35 s					Freq Offs 0)
0 7 8 .9 10								
50) 50)					STATUS		- H .	

#### Band66\_3MHz\_QPSK\_15\_0\_HighCH132657-1778.5



#### Band66 5MHz QPSK 1 0 LowCH131997-1712.5

R R	- 41 (1997)	TR .	SERVE IN		ALDHARTO	01105.44 PMNov 28, 202	10.4
Center Fre	q 1.71000	PNO: Wide -	En la la la	Avg	Type: Log-Pwr	TRACE 1 2 3 4 5	Frequency
10 dB/div	Ref Offset 13 Ref 30.00 d	9 dB			Mkr1	1.710 000 GHa -21.13 dBm	Auto Tune
20,0 10.0				P	1		Center Free 1.71000000 GH;
0.00 10.0 20.0				~			Start Fred 1.709000000 GH
40 0 50 0 60 0							Stop Free 1.711000000 GH:
Start 1.7090 #Res BW 51		#VB	W 150 kHz			top 1.711000 GHz .000 ms (1001 pts	
1 N 1 2 3 4 5	1	1.710 800 GHz	-21.13 dBm	PONENSN:	T LINE TO NUMBER	NANG IOR VALUE	Freq Offse 0 H
5 6 7 8 9 10 11							
440) 440)					STATUS		

# Band66\_5MHz\_QPSK\_25\_0\_LowCH131997-1712.5

all and the	An any page 1		11			10 4 23
Center F	reg 1.710	000000 GHz PNO: Wide	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	01166-22 WMAN 28, 2018 TRACE 1 2 3 4 5 6 TITE A NN NN N	Frequency
10 dB/div	Ref Offset Ref 30.0		#Atten: 30 dB	Mkr1	1.710 000 GHz -27.82 dBm	Auto Tune
30,0 19.0	_					Center Freq 1.710000000 GHz
0.00 -10 0 -20 0			1	2		Start Freq 1.70900000 GHz
40.0						Stop Fred 1.711000000 GHz
#Res BW		#VE	BW 150 kHz	Sweep 1	Stop 1.711000 GHz .000 ms (1001 pts)	CF Step 200.000 kH; Auto Mar
1 N 1 2 4 5 6 7 7 8 9 9 10	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.710 000 GHz	-27.82 dBm	NETRON FUNCTION WIDTH		Freq Offset 0 Ha
, ieso	1.1.			STATU		

#### Band66 5MHz QPSK 25 0 HighCH132647-1777.5

10 \$ #						+ 54	report ( Trees	- 4 <u>11</u>	inter a la constante	1 a)
Frequency	01106.35 PMNov 28, 2018 TRACE 1 2 3 4 5 6	ALIGN WITC Type: Log-Pwr		CERISE III	Hz	00000 G	.78000	req 1	ter F	Cen
	LET A NNNNN			Trig: Free Run #Atten: 30 dB	PNO: Wide	1				-
Auto Tun	1.780 000 GHz -25.98 dBm	Mkr1	~				Offset 13 30.00		B/div	10 d
Center Fre					1 1 1	-	_	-	1	.og 30.0
1.78000000 GH		-	-			-	_	-		10.0
	10000	_			1					10.00
Start Fre 1.779000000 GH		_	_	1				-	1	20.0
117000000000					-	-	_	-		30.0
Stop Fre		-			-	-			-	40.0
1.781000000 GH									11	60,0 60,0
CF Ste 200.000 kH Auto Ma	top 1.781000 GHz 000 ms (1001 pts)		DACTO	150 kHz	#VBW	×		9000 51 kF		#Re
			- Calenda	-25.98 dBm	000 GHz			1	N	
Freq Offse		-								23456
							-		-	56789
					-			+ +	-	9 10 11
	· · · ·				-			4	-	•
		STATUS							_	50

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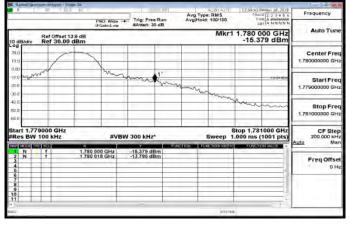
## Band66 10MHz QPSK 1 0 LowCH132022-1715

again gennen annynt i				The second second second	10 4 63
R 50	PNO: Wide +	Trig: Free Run	Avg Type: RMS Avg[Hold: 100/100	125631 WINO 28,203	Frequency
Ref Offset		#Atten: 30 dB	Mkr1	1.710 000 GHz -13.682 dBm	Auto Tune
20.0 19.9					Center Free 1.710000000 GH
0.00 -000 -200 -200	mm	monthese	ame	artic.	Start Free 1.709000000 GH
40 0 60 0 60 0					Stop Free 1.711000000 GH
Start 1,709000 GHz Res BW 100 kHz	#VB	W 300 KH2*		Stop 1.711000 GHz .000 ms (1001 pts)	CF Stej 200.000 kH Auto Ma
N F 2 N F	1,710 000 GHz 1,709 960 GHz	-13,682 dBm -13,546 dBm			Freq Offse DH
5 6 7 8 9 10 11					
esjā			STATU		

#### Band66 10MHz QPSK 50 0 HighCH132622-1775

R SO SO GHZ Photo Program So	de Trig: Free Run	ALIM NUTO Avg Type: Log-Pwr	01101120 PMNov 28, 2018 TRACE 1 2 3 4 5 6 TIME A WANNER DET A NIN NIN N	Frequency
Ref Offset 13.9 dB 10 dB/div Ref 30.00 dBm	ow #Atten: 30 dB	Mkr1	1.780 000 GHz -24.04 dBm	Auto Tun
- 0g 20,0 10.0				Center Fre 1.78000000 GH
0.00 10:0 20:0			1010-05	Start Fre 1.779000000 GH
40.0 50.0				Stop Fre 1.781000000 GH
Start 1.779000 GHz Res BW 100 kHz	VBW 300 kHz	S Sweep 1.	top 1,781000 GHz 000 ms (1001 pts)	CF Ste 200.000 ki Auto M
N 1 7 1,780 000 Gł 2 4 5 5 7 7 1,780 000 Gł				Freq Offs 0)
8 9 10				

#### Band66\_10MHz\_QPSK\_1\_49\_HighCH132622-1775



#### Band66 10MHz QPSK 50 0 LowCH132022-1715

Gigmen The	Oran Arrangen	From Sa		1 serves		ALIGHINATO	01100/05 PMNov 2	1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-
enter F	reg 1.71	0000000 G	Hz NO: Wide -	124 4 12	Avs	Type: Log-Pwr	TRACE 1.2.	Frequency	1
	-	i	Gain:Low	#Atten: 30 dB	3				un
10 dB/div	Ref Offs Ref 30.	et 13.9 dB .00 dBm				Mkr1	1.710 000 C -25.13 d	HZ	
33,0 10.0								Center F	
0.00		_						1.7 1000000	-
-10:0				-	-	put i	-10	Start F 1.709000000	
40 0 50,0								Stop F	
60.0		-				-		1.711000000	GH
	9000 GH 100 kHz	iz.	#VB	W 300 kHz			top 1.711000 .000 ms (1001	pts) 200.000	kH
		1.710.0	0 GHz	-25,13 dBm	PONCTION-	FUNCTION MIDTH	P SPECTION VIALU	Auto	Ma
2 3 4 5								FreqOf	n se
5 6 7 8 .9 10									
10					_				
450						STATU			_

## Band66\_15MHz\_QPSK\_1\_0\_LowCH132047-1717.5

agant (per	Annyati	154				10 4 43
R	50	PNO: WA	Trig: Pree Run	Avg Type: RMS	12.3736 PMMov 26, 2038 TRACE 1 2 3 4 5 6 Tree A Monitor	Frequency
		PhiO: We IFGain:L		stablisher, ree ree	DET A MINNIN N	
10 dB/div	Ref Offset Ref 30.00			Mkr	-15.003 dBm	Auto Tune
20.0						Center Free 1.71000000 GH
0.00 100 200 200	nu mann	wanter	mumber	Junio producti de la construine	When were	Start Free 1.709000000 GHz
50 D						Stop Free 1.711000000 GH
Res BW			VBW 620 kHz*	Sweep	Stop 1.711000 GHz 1.000 ms (1001 pts)	CF Stej 200.000 kH Auto Ma
1 N	1	1,710 000 GHz		PUNCTION OF FUNCTION WORK	PLACTICN VALLE -	
2 N 3 N 4 5	1	1,709 964 GHz 1,709 924 GHz	-14.126 dBm -14.081 dBm			Freq Offse
5 6 7 8 9						
10	11		-			
662				STATE	10	

#### Band66 15MHz QPSK 1 74 HighCH132597-1772.5

10.4							154	Annyatti		ū y inc	
6 Frequency	12/40/11 WMNov 28, 2018 TRACE 1 2 3 4 5 6	ALIM/ AUTO pe: RMS d: 100/100	AvgT	E INI	Law and		RC II	50 -		R.	-
	LET A NNNN		AVQIN		#Atten: 30	NO: Wide	i Pi				
	1.780 000 GHz -13.948 dBm	Mkr1						ef Offset 13 ef 30.00 d		dB/	10 0
Center Fre				-			-		~	0	20
1.78000000 GP		1 1	_				- E	200			19
StartFre		-	6	1 234 5	Anabara	Manuta	where	-M		0	10
1.779000000 GH	and market	proving	Warps	whith	A Ale ANA				-		201
Stop Fre		-	-	-		-	-	-	_		40.
1.781000000 GH					_						60) 60)
200.000 kH	top 1.781000 GHz .000 ms (1001 pts)		-		620 kHz	#VBW		00 GHz 0 kHz	.7790 3W 20		
Auto Ma	FUNCTION VALUE	UNCTION INTERN	anan 1		Ŷ		×				i ai a
Freq Offse				n	-13,948 dF -13 367 dF -14,031 dF -14,199 dF	0 GHz	1,780 00 1,780 04 1,780 05 1,780 08				2014
0H			-	m	-13.970 dE -14.142 dE	0 GHz	1.780 12			N	5
			_	-							7 8 9
			_	-		_		1	11	1	10
-		STATUS									50

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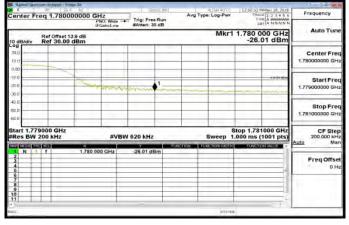
## Band66 15MHz QPSK 75 0 LowCH132047-1717.5

against spectrum Analyst (					10 4 63
Center Freq 1.710	PNO: Wide -1	Trig: Pree Run	Avg Type: Log-Pwr	12/41 57 WHAN 28, 2018 TRADE 1 2 3 4 5 6 THE A WWWWW	Frequency
Ref Offset	IFGain:Low	#Atten: 30 dB	Mkr1	1.710 000 GHz -25.79 dBm	Auto Tune
30,0 10.0					Center Free 1.710000000 GH
0.00 -10.0 -20.0		- martin	an man an and the	10000	Start Fred 1.709000000 GH:
40.0 60.0					Stop Free 1.711000000 GH
Start 1,709000 GHz #Res BW 200 kHz		V 620 kHz		Stop 1.711000 GHz .000 ms (1001 pts)	CF Stej 200.000 kH Auto Ma
N     T       3	1,710.000 GHz	-25.79 dBm			Freq Offse 0 H
, interest in the second secon			STATU	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	

#### Band66\_20MHz\_QPSK\_1\_99\_HighCH132572-1770

O'Dames - Harrison	Annyati ( Toma Sa		1 ditte			AUDIANUE		M flow 28, 2018	16.4
н.	50 W WC		Tax and		Avg Type	RMS	TRAC	127456	Frequency
		PNO: Fast -+	#Atten: 30		a a filmond	Contrat.		ANNNNN	Auto Tur
O dB/div R	offset 13.9 dB of 30.00 dBm					Mkr1	1.780 0	00 GHz 09 dBm	Hutoru
30.0		-		_					Center Fre
19.0	1	-				1			1.78000000 G
00	- marks	-halponyo		1 <sup>2</sup>		1			-
00		a Ascella	a Bubble and Party	in many	Marphan	MAN	Mar Dunia		Start Fr 1.779000000 G
0.0		-		-		*1.51.5	A Aw Wall	and the stand	
0.0									Stop Fr
0.0				_				_	1.781000000 G
tart 1,77900 Res BW 300			V 1.0 MHz*				Stop 1,781		CF St 200.000 k
NOTICE THE ST	a) x		Ý		TION   FO				Auto M
		000 GHz 014 GHz	-15,709 dBr -13,264 dBr	m m	-		1		Freq Offs
4				-		_			0
5 6 7				-	-	-			
9				-		_			
0	1	_				_		+	
8						STATE			

#### Band66\_15MHz\_QPSK\_75\_0\_HighCH132597-1772.5



#### Band66 20MHz QPSK 1 0 LowCH132072-1720

A great (greaters Arrange	10 - FC	L sense mil	ALDIVENUIC	18:57:22 AM Nov 28, 2018	10.4.43
	PNO: Fast	Trig: Free Run	Avg Type: RMS Avg[Hold: 100/100	TRACE 123456	Frequency
dBJdiv Ref 30	IFGain:Low et 13.9 dB .00 dBm	#Atten: 30 dB	Mkr1	1.710 000 GHz -13.703 dBm	Auto Tune
0g 10.0					Center Free 1.710000000 GH
00 00 00	mark marker and	www.winter	when how we have a series of	erange.	Start Fre 1.70900000 GH
eo eo eo Martillari					Stop Fre 1.711000000 GH
tart 1,709000 Gł Res BW 300 kHz	#VE	W 1.0 MHz*	Sweep 1	Stop 1.711000 GHz .000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
Matrix     Model     End       1     N     f       2     N     f       3     N     f       4     -     -       5     -     -       6     -     -	1,710 000 GHz 1,709 972 GHz 1,709 942 GHz	-13,703 dBm -13,984 dBm -13,745 dBm	NCTON FUNCTION MDTH		Freq Offse 0 H
5 6 7 8 9 9					
95 I			STATU	1	

# Band66\_20MHz\_QPSK\_100\_0\_LowCH132072-1720

	0 4 🕯
Aug Type: Log-Pwr TRADE 123456 Frequence Avg Type: Log-Pwr TRADE 123456 Frequence In Tritle A www.ww.	quency
	uto Tun
Mkr1 1.710 000 GHz -25.71 dBm	Auto Tune
	nter Fre
1.71000	00000 GH
tomage St	StartFre
	00000 GH
	Stop Fre
	00000 GH
Stop 1.711000 GHz	CF Ste
	00.000 kH Ma
PONCTION FUNCTION WIDTH FUNCTION VALUE -	(in a
Fre	eq Offse
	-
STATUS	

#### Band66 20MHz QPSK 100 0 HighCH132572-1770

Againer (genouse Anarys) ( hours 54		SERVICE INIT	ALIGH WITC	11181102 AM Nov 28, 2018	0.4
Center Freq 1.7800000	00 GHz	Law a start	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TITE A WWWWW	Frequency
	IFGain:Low	#Atten: 30 dB			Auto Tun
10 dB/div Ref 30.00 dBn	B		Mkr1	1.780 000 GHz -24.52 dBm	Auto Tune
30,0	_				Center Fre
10.0					1.78000000 GH
10.00				10000	
20.0		<b>↓</b> 1			Start Fre 1.779000000 GH
36.0	and a stranger				1.775000000 011
40.0					Stop Fre
60,0					1.781000000 GH
Start 1,779000 GHz #Res BW 300 kHz	#VBW	1.0 MHz	Sweep 1	top 1.781000 GHz 000 ms (1001 pts)	CF Ste 200.000 kH
	780 000 GHz	-24.52 dBm	NCTION FUNCTION WOTH	FUNCTION VALUE	Auto Ma
2	780 000 GH2	-24.52 dtsm			Freq Offse
4					0 H
5 6 7 8 9					
8 9					
10				+	
65			STATUS	+	

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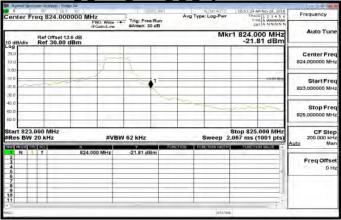
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www.tw.sqs.com
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## Part Band26 1 4MHz QPSK 1 0 LowCH26697-814.7

agmen (gentermen der regent i Tremer Sa			10 4 63
Center Freg 814.000000 MH	tz Trig: Free Run	ALIWEATE 10:5119 AM Nov 28, 2018 Avg Type: Log-Pwr TRACE 1 2 3 4 5 6 True A WWWWW DET A NNNN N	Frequency
Ref Offset 13.5 dB 10 dB/div Ref 30.00 dBm	FGain:Low #Atten: 30 dB	Mkr1 814.000 MHz -21.48 dBm	
20,0 10.0		J.	Center Free 814.000000 MH
-10.0	15	00.60	Start Free 813.000000 MH
40.0			Stop Fre 815.000000 MH
Start 813.000 MHz #Res BW 20 kHz	#VBW 62 kHz	Stop 815.000 MHz Sweep 2.067 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
1 N 1 f 814.0 2 4 4 5 6	00 MHz -21.48 dBm		Freq Offse 0 H
7 8 9 10 11			
Artija		STATUB-	

#### Band26\_1\_4MHz\_QPSK\_1\_5\_HighCH26783-823.3



#### Band26\_1\_4MHz\_QPSK\_6\_0\_LowCH26697-814.7

04		-		-	-	_	154	ARRIVER   The	- Wattings	- Digme
Frequency	51.48 44 Nov 28, 2018 TRACE 1 2 3 4 5 6 THE A WWWWW	pe: Log-Pwr	Avg		Trig: Pre	PNO: Wide		814.00	r Fre	ente
Auto Tune	14.000 MHz -27.51 dBm	Mkr1		30 dB	#Atten: 3	IFGalin:Low	3.5 dB	ef Offset 1.	ity F	0 dB/d
Center Free 814.000000 MH				-		-	-		-	.og 38.0
Start Free 813.000000 MH				14					_	0.00
Stop Free 815.000000 MH	_		-	-						40.0 50.0 60.0
CF Step 200.000 kH Auto Mar	p 815.000 MHz ms (1001 pts)	Sweep 2.0		-	N 62 KHz	#VBV	*		313.00 3W 20	Res
Freq Offse 0 H				IBm	-27.51 d	DOD MHZ	814		1	1 N 234
										5 6 7 8 9 10
		STATUS								5/3 I

#### Band26 1 4MHz QPSK 6 0 HighCH26783-823.3

10.4							An engine i To		19200	
Frequency	18:52:51 AM Nov 28, 2018 TRACE 1 2 3 4 5 6	ALIGNAUTO Type: Log-Pwr	Avg	SEASE A	Hz	00000 MH	824 00	Free	R. Inter	e
1.5.2	TRACE 1 2 3 4 5 6 THE A WHITTHE DET A NNNNN			Trig: Free Run #Atten: 30 dB	PNO: Wide		01.1.0		- ne	
Auto Tune	1 824.000 MHz -21.09 dBm	Mkr				13.6 dB	of offset		dB/d	
Center Fre						-				20.
824.000000 Mit				-				~	140	10.1
	same			1-10-	1			-		10.08
Start Fre 823.000000 M	100-00			•1					-	20.6
020.00000 111				-	-	-	-	_	0	30.1
Stop Fre		-				-				40.6
825.000000 Mi					-					60,0 60,0
CF Ste 200.000 ki	Stop 825.000 MHz 067 ms (1001 pts)	Sweep 2.		62 kHz	#VBW	1	MHz kHz	23.00 W 20		
Auto Mi	FLORETION VALUE	FUNCTION MIDTH	PUNCTION	-21.09 dBm	000 MHz	824.0			N	teage
Freq Offs 01									-	2745
										6789
			_				-			10
	, etc.,	STATUS							-	*
	1	PININP						_	-	Citra I

#### Band26\_3MHz\_QPSK\_1\_0\_LowCH26705-815.5

agner ipr	Course An Experie 1 To					Los Anna and	0 4 ES
Center F	req 814.00	DODOO MHz	Trig: Free Run	Avg Type: Lo	g-Pwr T	PACE 123456 THE A NNNNN	Frequency
10 dB/div	Ref Offset Ref 30.00		#Atten: 30 dB		Mkr1 814	.000 MHz 6.63 dBm	Auto Tune
20.0 10.0				-			Center Free 814.000000 MHz
0.00 -10.0 -20.0			1	1	~~	490966	Start Free 813.000000 MHz
40.0	-1~						Stop Free 815.000000 MH
Start 813 #Res BW		#VE	3W 120 kHz	Swe	ep 1.000 m	15.000 MHz s (1001 pts)	CF Ster 200.000 kH Auto Mar
1 N 2 3 4 5 6 7 8 9 10		814.000 MHz	-16,63 dBm				Freq Offse 0 H
11 , eso	1.1				STATUS	×*	

## Band26\_3MHz\_QPSK\_1\_14\_HighCH26775-822.5

agmen gennen	An engine i Tremes Sa	-		_				10 4 23
Center Fred	824.000000	MHz PNO: Wide	Trig: Pree Ri	Avg	Type: Log-Pwr	18:46:17 4M TRACE	123456 ANNNNN	Frequency
	ef Offset 13.6 dB tef 30.00 dBm	iFGain:Low	#Atten: 30 dl	3	Mk	r1 824.00		Auto Tune
20,0		1						Center Free 824.000000 MH
0.00 -10 0 -20 0		-		~				Start Free 823.000000 MH
-20-0 -40-0 -50,0 -60,0				~	~~~	~	1	Stop Fre 825.000000 MH
Start 823.00 #Res BW 39	0 MHz kHz	#VE	W 120 KHz		Sweep 1	Stop 825.0 .000 ms (1	001 pts)	CF Ste 200.000 kH Auto Ma
1     N     1       2     3     -       3     -     -       4     -     -       5     -     -       6     -     -       7     -     -       8     -     -	1 8	24.000 MHz	-14.44 dBm	9.94CT 1245	NUMERON WORK	PLODE I DEN	ivelige -	Freq Offse 0 H
8 9 10 11			~				-+	

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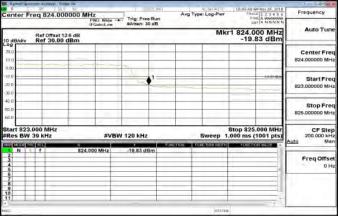
台灣檢驗科技股份有限公司



## Band26\_3MHz\_QPSK\_15\_0\_LowCH26705-815.5

10 4 E					1	_	134	Annuali	in Manual	- aye
Frequency	34 AM ROV 28, 2018 TRACE 1 2 3 4 5 6	TRAD	Type: Log-Pwr	Ave	Trig: Free Ru	z	0000 MH	814.00	er Fre	Cent
Auto Tuni	LET A NNNN	- 1	-		Atten: 30 dB	NO: Wide	p IF			_
	.000 MHz 5.17 dBm	r1 814.0 -25.	Mk				3.5 dB dBm	ef Offset 1 tef 30.00	div	10 dB
Center Fre	_	_	_	_			-	-	1	30.0
814.000000 MH	-	-	_	-		-	-	-		10.0
				1			-	-		0.00
Start Fre		-		-	1	-			÷ .	10.0
813.000000 MH								-		30.0
Stop Fre	-	-	_							40.0
815.000000 MH	-	-	-	-	-		-	-	-	60,0
				-			1	1.0		66.0
CF Ste 200.000 kF Auto Ma	15.000 MHz s (1001 pts)	Stop 815 1.000 ms (	Sweep 1		20 kHz	#VBV		0 MHz kHz	813.00 BW 3	Start #Res
Auto Mi	GTION VALUE	* Elevent	FUNCTION WIDTH	PUNCTION:	25.17 dBm	0 MHz	814.00	1		
Freq Offs										2 3 4 5
								-	+	6 7 8
								-	-	9
					_					11
		18	STATU							53

# Band26\_3MHz\_QPSK\_15\_0\_HighCH26775-822.5



## Band26\_5MHz\_QPSK\_1\_0\_LowCH26715-816.5

Against Spectrum Arrayat I Tree	19				0.4.63
Center Freq 814.000	PNC: Wide -P	Trig: Free Run	Avg Type: Log-Pwr	10:40:32 AM Nov 28, 2018 TRACE 1 2 3 4 5 6 Tree A WAYNOW	Frequency
Ref Offset 13	(FGain:Low 1.6 dB dBm	#Atten: 30 dB	Mkr	1 814.000 MHz -22.14 dBm	Auto Tune
20.0 10.0					Center Free 814.000000 MHz
0.00		•1-			Start Free 813.000000 MHz
40.0	~~~				Stop Free 815.000000 MH
Start 813.000 MHz #Res BW 51 kHz	#VBW	150 KHz	Sweep 1.	Stop 815.000 MHz 000 ms (1001 pts)	CF Step 200.000 kH Auto Mar
1 N 1 7 2 4 5 6 7 8 9 9 10	814.000 MHz	-22.14 dBm			Freq Offse 0 Ha
8 9 10 11					

#### Band26 5MHz QPSK 1 24 HighCH26765-821.5

10 4								134	Nytel   Song	<u>م</u> )	and they	-0.9
Frequency	1 2 3 4 5 6	TRAC	Log-Pwr	Avg Ty	Run	Trig: Pre-	O: Wide	000 MHz	24.000	eq 8	er Fr	en
	ANNNN	18	-		Bb 0	#Atten: 3	O: Wide	PN		-		
Auto Tu	00 MHz 29 dBm		Mk						Offset 13		Vdiv	0 dE
Center Fr											1	.0g
824.000000 M			-	-								t0.0
024.000000					1		1	-36			1.1	0.00
1.5 - 5 - 5	annite			_	-	- Do		1				10.0
Start Fr		-		1	1-	1			- and	-	1	20.0
823.000000 M	100				1							30.0
The second second												40.0
Stop Fr		in	1									50.0
825.000000 M					-		-					60.03
			-		-		-				1	
CF St 200.000 k	.000 MHz 1001 pts)					150 kHz	#VBW				823. BW	
Auto M	CIN WALLIE	PUNCTO	CTION INDTH	CTION 1		-21.29 di	MHZ	824.000			N N	
Freq Offs		-		-	em		- COLE IN	264.023				23
0												4
		-			-		-		-		-	5
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		-					_					9
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		-	57A THE									\$G)

#### Band26\_5MHz\_QPSK\_25\_0\_LowCH26715-816.5

agment pper	An any other and the second se	ange Sa			The second s	0 4 E3
Center F	reg 814.0	00000 MHz	Trig: Free Run	Avg Type: Log-Pwr	16,4103 AM Nov 28, 2018 TRACE 1 2 3 4 5 6 THE A WWWWW	Frequency
10 dB/div	Ref Offset Ref 30.0	iFGain:Low	#Atten: 30 dB	Mk	1 814.000 MHz -27.69 dBm	Auto Tune
20.0 10.0						Center Free 814.000000 MH;
0.00 -10.0 -20.0			1.00		1000-000	Start Fred 813.000000 MH
40.0 60.0 60.0						Stop Free 815.000000 MH
Start 813 #Res BW	51 kHz	#VB	W 150 kHz	Sweep 1	Stop 815.000 MHz .000 ms (1001 pts)	CF Step 200.000 kH Auto Mar
1 N 1	1	814.000 MHz	-27.69 dBm			Freq Offse 0 H
5 6 7 8 9 10 11						
eso i				57818		

#### Band26\_5MHz\_QPSK\_25\_0\_HighCH26765-821.5

agant (genten a) myre	1 Trongs Sa			The second second	10 4 43
Center Freq 824	PNO: Wide	Trig: Free Run	Avg Type: Log-Pwr	18,41:17 AM Nov 28, 2018 TRACE 1 2 3 4 5 6 TITLE A WWWWWW	Frequency
	iFGain:Low act 13.5 dB .00 dBm	#Atten: 30 dB	Mk	1 824.000 MHz -21.46 dBm	Auto Tune
20.0 10.0					Center Free 824.000000 MH
-10.0		•1			Start Free 823.000000 MH
40.0 60.0					Stop Fre 825.000000 MH
Start 823.000 MH #Res BW 51 kHz		150 kHz	Sweep 1	Stop 825.000 MHz .000 ms (1001 pts)	CF Ster 200.000 kH Auto Ma
N 7 2 3 4 5 6 7 7 8 9	824.000 MHz	-21.46 dBm	ATCTION FUNCTION WITH U	D LEFTER KÖRL VALLAGE	Freq Offse 0 H
10 11 ·		~	STATU		

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## Band26 10MHz QPSK 1 0 LowCH26740-819

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Frequency	44 Nov 28, 2018	TRA	ALINA AND	Avs	SERIELI		18.1	50 -		-	R
1.1	ET A NNNN N		old: 100/100	Avg	Trig: Free Run #Atten: 30 dB	NO: Wide -+ Gain:Low	Pi IF				-
Auto Tun	97 dBm		Mk					Offset 13 30.00		Bldiv	10 d
Center Fre 814.000000 MH		1	1				_			· · · · ·	20.0 19.9
Start Fre 813.000000 MH				and the second	m	min			-	-	0.00
Stop Fre 815.000000 MH							al		m	~	40 0 60 0
CF Ste 200.000 kF Auto Ma	.000 MHz (1001 pts)	Stop 815 1.000 ms	Sweep 1		300 kHz*	#VBW	-		3.000 I V 100 I		
Auto ma	ION VALUE	Planet	UNCTION WIDTH	PENCTRON	-15 297 dBm	0 MHz	814.00			N	1942
Freq Offse D H					-13.663 dBm	0 MHz	813.99		1	N	2345
			_								5 6 7 8 9 10
					_	-					11
		6	STATU								45/3

#### Band26\_10MHz\_QPSK\_1\_49\_HighCH26740-819 Avg Type: RMS Avg Hold: 100/100 Trig: Pree Run Mkr1 824.000 MHz -13.507 dBm Auto Tu Ref Offset 13.5 dB Ref 30.00 dBm Center Fre 824.00 Start Fre 823.00 Stop Fre 825 823.000 MHz BW 100 kHz Stop 825.000 MH 1.000 ms (1001 pts CF Stel #VBW 300 kHz\* Sweep 824.000 MHz 824.070 MHz -13,507 dBm -14,045 dBm NN 1 Freq Offs

## Band26\_10MHz\_QPSK\_50\_0\_LowCH26740-819

all all server all and	An any other and a second s	<b>j</b> a				04 63
Center F	reg 814.0000	00 MHz	Trig: Pree Run	Avg Type: Log-Pwr	10.37136 AM Nov 28, 2018 TRACE 1 2 3 4 5 6 Tree A WWWWWW	Frequency
10 dB/div	Ref Offset 13.6 Ref 30.00 dE	dB 3m	#Atten: 30 dB	Mkr	1 814.000 MHz -22.85 dBm	Auto Tune
20.0 10.0						Center Freq 814.000000 MHz
0.00 -10.0 -20.0			1	to the	2010-100	Start Fred 813.000000 MHz
40.0 60,0 60,0						Stop Fred 815.000000 MHz
Start 813. #Res BW	100 kHz	#VBV	V 300 kHz	Sweep 1.	Stop 815.000 MHz 000 ms (1001 pts)	CF Step 200.000 kH Auto Mar
1 N 2 3 4 5 6 7 7 8 9 10		814.000 MHz	-22.85 dBm			Freq Offset 0 Ha
8 9 10 11 ,				STATUS		

#### Band26 10MHz QPSK 50 0 HighCH26740-819

0.4.						134	ment ( Trees		and they are	- 0,0
Frequency	18137 30 AM Nov 28, 2018 TRACE 1 2 3 4 5 6 Tree A WWWWW	ALBUT NUTO	Av	Trig: Free Run		000 MHz	24.000	req 8	er Fr	en
	DET A NNNN N	1.114		#Atten: 30 dB	O: Wide	PN				-
Auto Tun	Ref Offset 135 dB Mkr1 824.000 MHz 10 dB/div Ref 30.00 dBm -21.55 dBm									
-										.0g
Center Fre 824.000000 MH										10.0
024.00000 M									-	0.00
1. 1. N. 1. N. N. N.	100000					X	-			10.0
Start Fre 823.000000 MH				•1	5-1					20.0
823.000000 MP				X			_			30.0
1							_			40.0
Stop Fre									-	0.03
825,000000 MH					_			_	11	60.0
CF Ste	Stop 825.000 MHz		_		-	_	alles .	000	033	
200.000 kH	000 ms (1001 pts)			IOO KHZ	#VBW			100		
Auto Ma	FUNCTION VALUE	FUNCTION MOTH	PUNCTION	Ŷ		×	-		ante pro	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				-21.55 dBm	MHZ	824.000		1	N	2
Freq Offs					-			-	-	3
0,9		-							-	5
										7
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		-					-	-	-	10
	÷							-		
		STATUS							_	5(5)

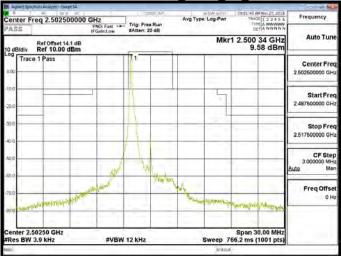
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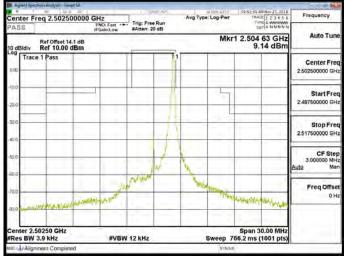


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#### Emission Mask Band 7 QPSK 5M RB1,0



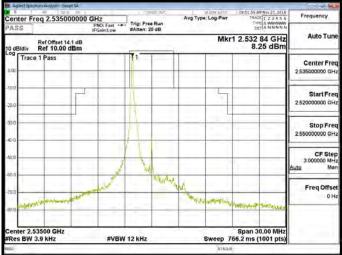
#### Band 7 QPSK 5M RB1,24



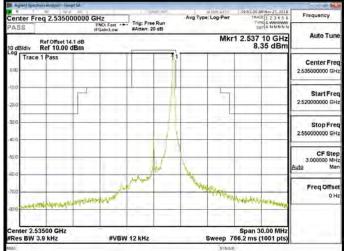
#### Band 7\_QPSK\_5M\_RB25,0

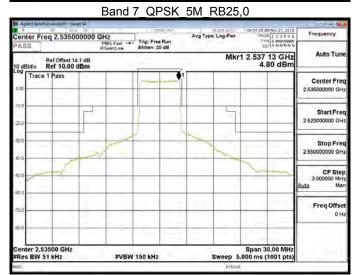


#### Band 7 QPSK 5M RB1,0



Band 7 QPSK 5M RB1.24





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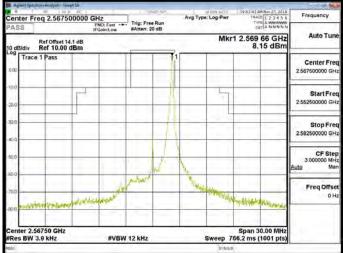


# Report No.: E2/2018/B0047 Page 254 of 583

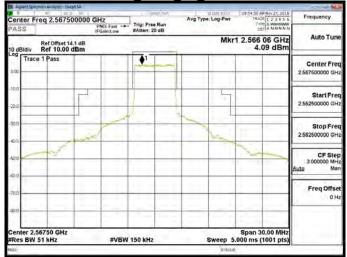
#### Band 7 QPSK 5M RB1,0

enter Freq 2.5675	P	NO: Fast +++	Trig: Fre	e Run	Avg Type	Log-Pwr	TRACE	1 2 3 4 5 6 1 WWWWW A WWWWW	Frequency
Ref Offset 1	4.1 dB	Gain:Low	#Atten: 2	0 dB	-	Mkr	1 2.565 4		Auto Tun
dB/div Ref 10.00	dBm		T.	-	1		7.00	o u bill	
10	-		1		-			-	Center Fre 2.567500000 GH
20	F		1			5			Start Fre 2.552500000 GH
00			1-						Stop Fre 2.582500000 GH
		1	1	1				-	CF Ste 3.000000 Mi Auto Mi
0.0		NH .		gray has	W.			1	Freq Offs
and the second s	Warmen			1-1	"Wen	MANAShinay	in manual	Notes-	0)
enter 2.56750 GHz Res BW 3.9 kHz		#VBW	12 kHz	_		Sweep 7	Span 30. 56.2 ms (10		

## Band 7 QPSK 5M RB1.24



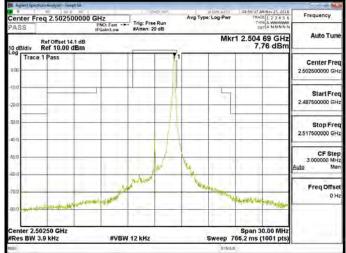
#### Band 7 QPSK 5M RB25,0



#### Band 7 16QAM 5M RB1,0



#### Band 7 16QAM 5M RB1.24



#### Band 7 16QAM 5M RB25,0 enter Freq 2.502500000 GHz PNO: Fast ---- Trig: Free Run Atten: 20 dB Frequency Avg Type: Log-Pw THE A WWWW Auto Tur Mkr1 2.503 22 GHz 4.41 dBm Ref Offset 14.1 dB Ref 10.00 dBm . Center Fre Start Fre Stop Free 2.517500000 GH CF Step 3.000000 MH M Freq Offse 0H r 2.50250 GHz Span 30.00 MH Sweep 5.000 ms (1001 pts Res BW 51 kHz #VBW 150 kHz

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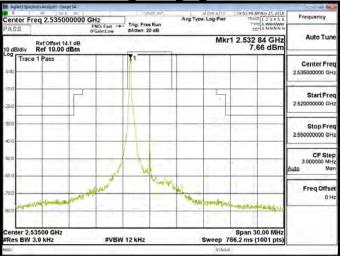
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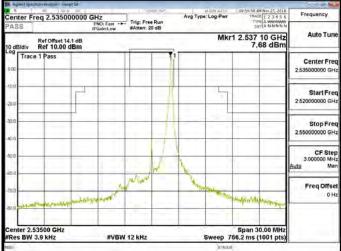


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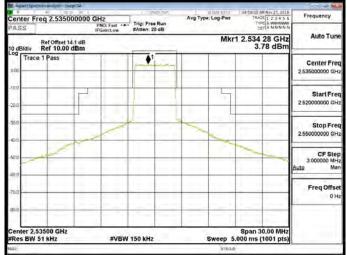
#### Band 7 16QAM 5M RB1,0



## Band 7 16QAM 5M RB1.24



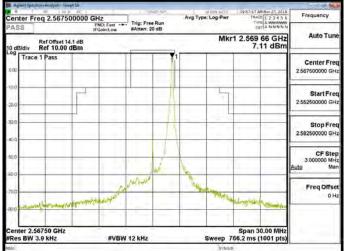
#### Band 7 16QAM 5M RB25,0

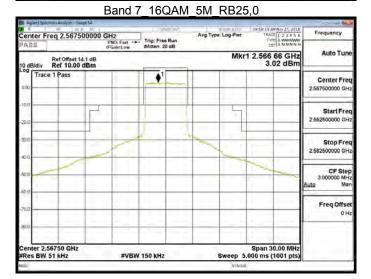


#### Band 7 16QAM 5M RB1,0



Band 7 16QAM 5M RB1.24





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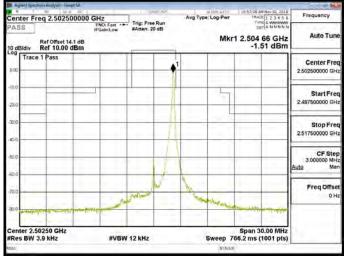


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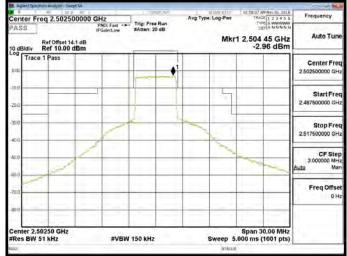
#### Band 7 64QAM 5M RB1,0

	9120W 81710	10:56:07 AM Nov 30, 2018	
Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TRE A WWWW	Frequency
#Atten: 20 dB	Mkr		Auto Tuni
↓ <sup>1</sup>			Center Fre 2.502500000 GH
			Start Fre 2.487500000 GH
			Stop Fre 2.517500000 GH
1			CF Ste 3.000000 Mi Auto Mi
1 Muin			Freq Offs 01
	Mar Hall - Vale - Land	14-12/10-14-14-14-14-14-14-14-14-14-14-14-14-14-	
W 12 kHz	Sweep 70		
	W 12 kHz	Riten: 20 dB	Mkr1 2.500 37 GHz -0.43 dBm

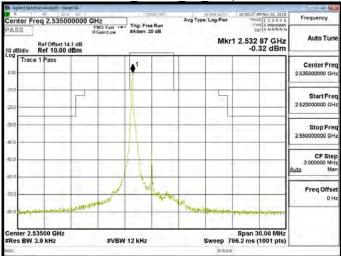
## Band 7 64QAM 5M RB1.24



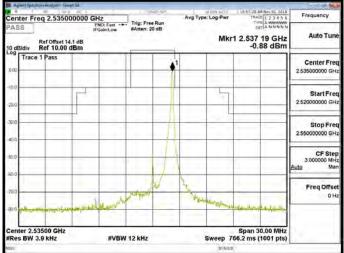
#### Band 7 64QAM 5M RB25,0



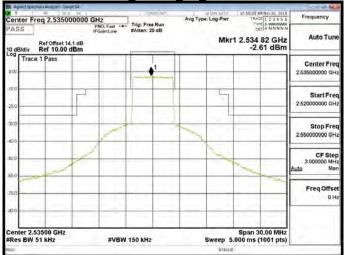
#### Band 7 64QAM 5M RB1,0



Band 7 64QAM 5M RB1.24



Band 7 64QAM 5M RB25,0



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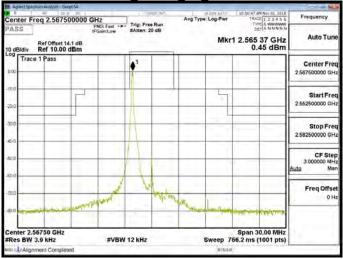
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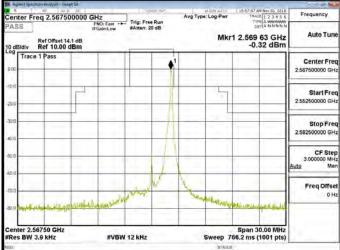


# Report No.: E2/2018/B0047 Page 257 of 583

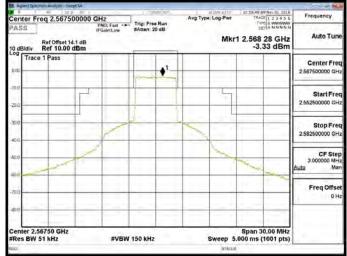
#### Band 7 64QAM 5M RB1,0



# Band 7 64QAM 5M RB1.24



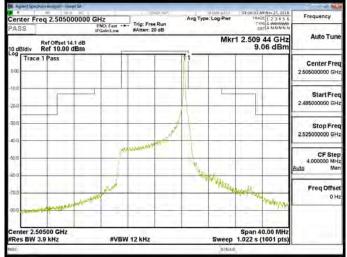
#### Band 7 64QAM 5M RB25,0



# Band 7 QPSK 10M RB1,0



Band 7 QPSK 10M RB1,49



Band 7\_QPSK\_10M\_RB50,0



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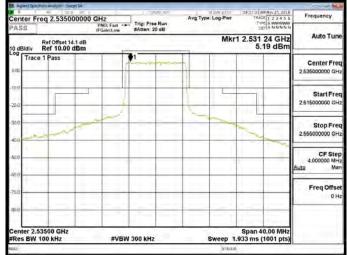
#### Band 7 QPSK 10M RB1,0



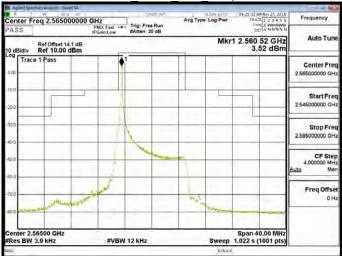
#### Band 7 QPSK 10M RB1.49



#### Band 7 QPSK 10M RB50,0



#### Band 7 QPSK 10M RB1,0



Band 7 QPSK 10M RB1.49



Band 7 QPSK 10M RB50,0



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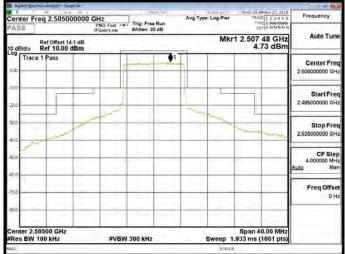
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#### Band 7 16QAM 10M RB1.49



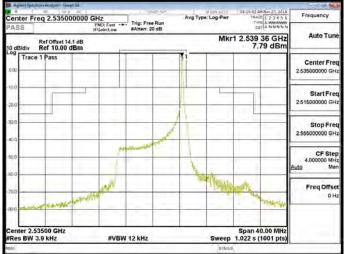
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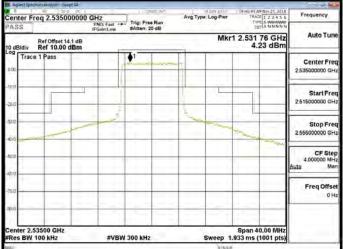
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Band 7 16QAM 10M RB1,49



#### Band 7\_16QAM\_10M\_RB50,0



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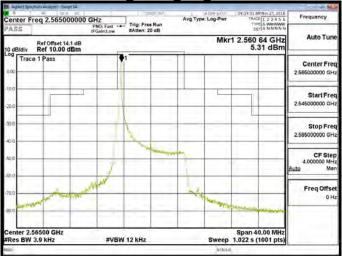
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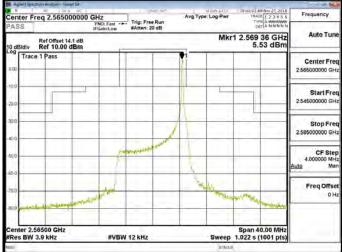


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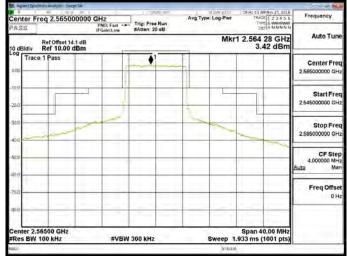
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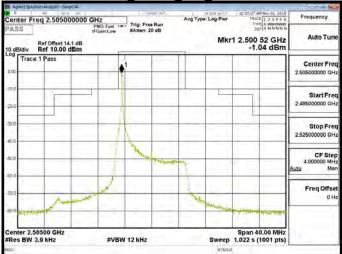
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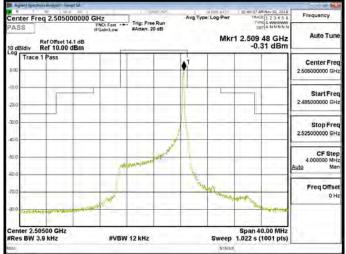
#### Band 7 16QAM 10M RB50,0



#### Band 7 64QAM 10M RB1,0



Band 7 64QAM 10M RB1.49



Band 7 64QAM 10M RB50,0



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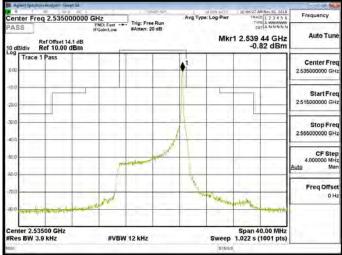


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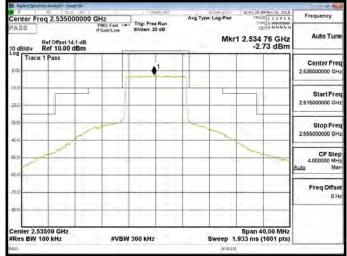
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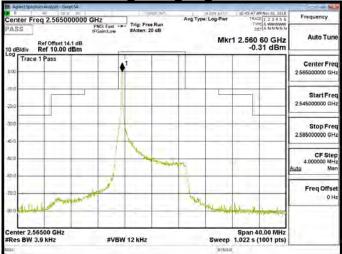
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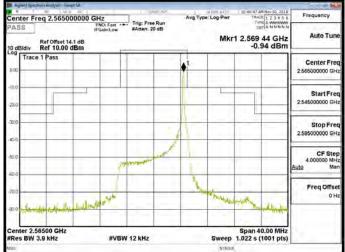
#### Band 7 64QAM 10M RB50,0



#### Band 7 64QAM 10M RB1,0



Band 7 64QAM 10M RB1.49



Band 7 64QAM 10M RB50,0



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#### Band 7 QPSK 15M RB1,0



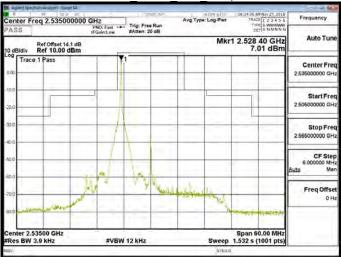
#### Band 7 QPSK 15M RB1,74



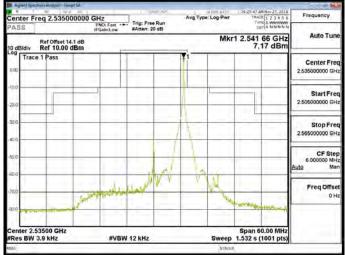
#### Band 7\_QPSK\_15M\_RB75,0



#### Band 7 QPSK 15M RB1,0



Band 7 QPSK 15M RB1.74



Band 7 QPSK 15M RB75,0 Frequency Avg Type Log-Pw THE A WWW Auto Tur Mkr1 2.541 48 GHz 3.00 dBm Ref Offset 14.1 dB Ref 10.00 dBm Center Fre Start Fre Stop Free 2.565000000 GH CF Step 6.000000 MU M Freq Offse 0H r 2.53500 GHz Span 60.00 MH Sweep 1.133 ms (1001 pts Res BW 160 kHz #VBW 430 kHz

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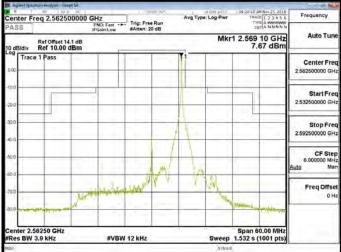


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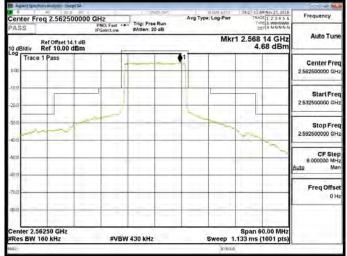
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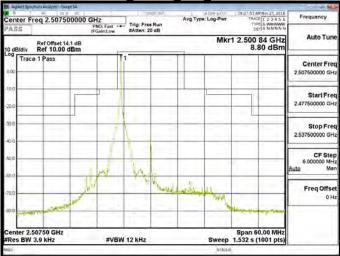
#### Band 7 QPSK 15M RB1.74



#### Band 7 QPSK 15M RB75,0



#### Band 7 16QAM 15M RB1,0



Band 7 16QAM 15M RB1.74



#### Band 7\_16QAM\_15M\_RB75,0 Frequency Avg Type: Log-Pw THE A WWWW Auto Tur Mkr1 2.510 50 GHz 4.85 dBm Ref Offset 14.1 dB Ref 10.00 dBm Center Fre Start Fre 2.477500000 GH Stop Free 2.537500000 GH CF Step 6.000000 MH M Freq Offse 0H r 2.50750 GHz Span 60.00 MH Sweep 1.133 ms (1001 pts Res BW 160 kHz #VBW 430 kHz

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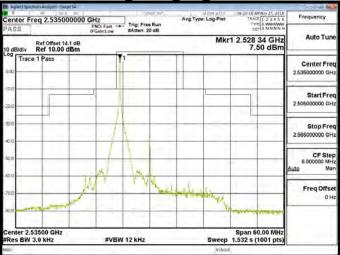
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#### Band 7 16QAM 15M RB1,0



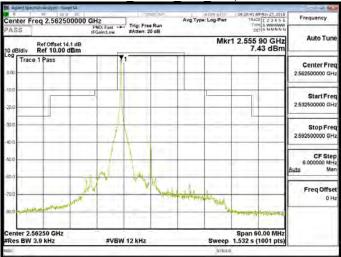
#### Band 7 16QAM 15M RB1.74



#### Band 7\_16QAM\_15M\_RB75,0



#### Band 7 16QAM 15M RB1,0



Band 7 16QAM 15M RB1.74



Band 7 16QAM 15M RB75,0 enter Freq 2.562500000 GHz PNO: Fast Atten: 20 dB Frequency Avg Type: Log-F THE A WWW Auto Tur Mkr1 2.556 62 GHz 3.87 dBm Ref Offset 14.1 dB Ref 10.00 dBm Center Fre Start Fre 2.532500000 GH Stop Free 2.592500000 GH CF Step 6.000000 MU м Freq Offse 0H r 2.56250 GHz Span 60.00 MH Sweep 1.133 ms (1001 pts Res BW 160 kHz #VBW 430 kHz

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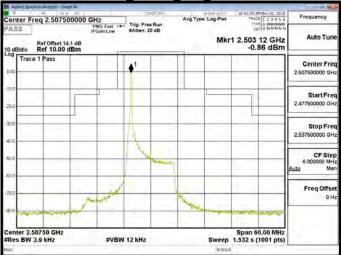
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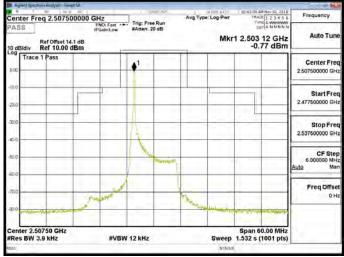


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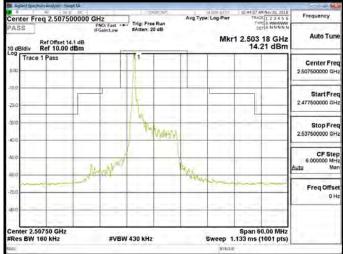
#### Band 7 64QAM 15M RB1,0



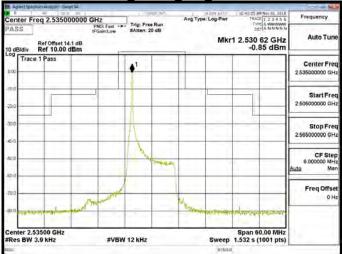
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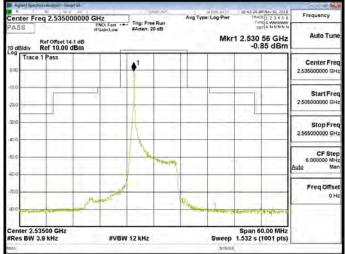
#### Band 7 64QAM 15M RB75,0



#### Band 7 64QAM 15M RB1,0



Band 7 64QAM 15M RB1.74



Band 7 64QAM 15M RB75,0 Avg Type: Log



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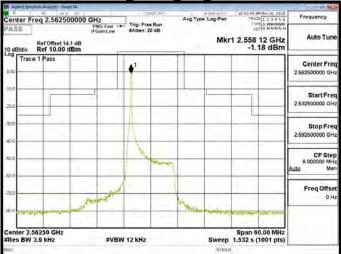
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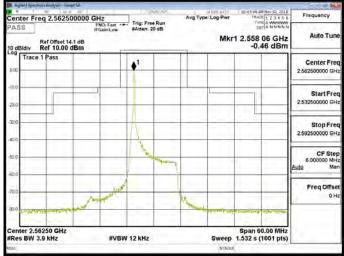


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#### Band 7 64QAM 15M RB1,0



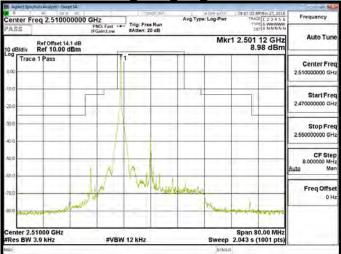
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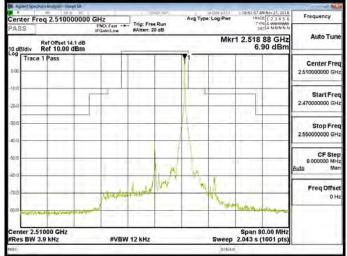
#### Band 7 64QAM 15M RB75,0



# Band 7 QPSK 20M RB1,0



Band 7 QPSK 20M RB1,99



#### Band 7\_QPSK\_20M\_RB100,0



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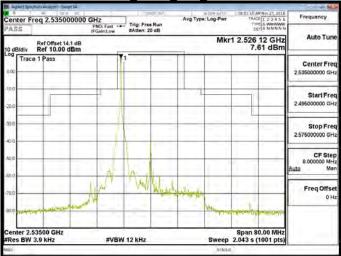
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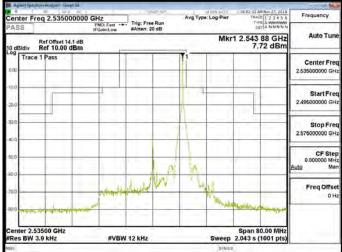


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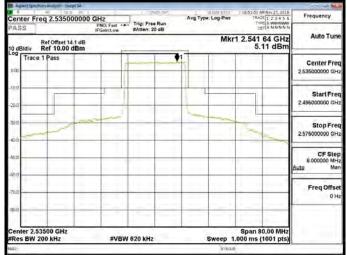
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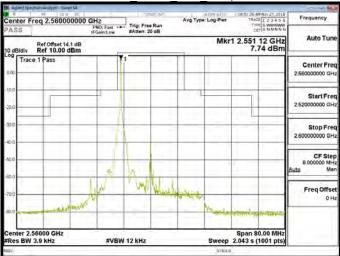
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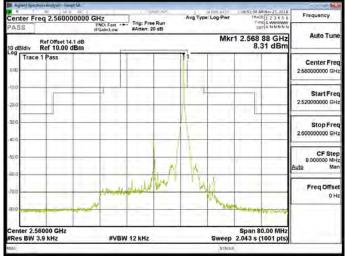
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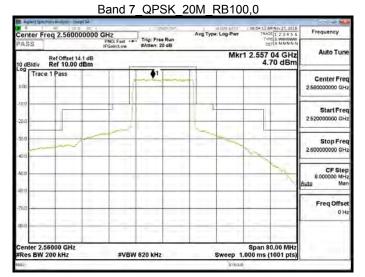


# Band 7 QPSK 20M RB1,0



Band 7 QPSK 20M RB1.99





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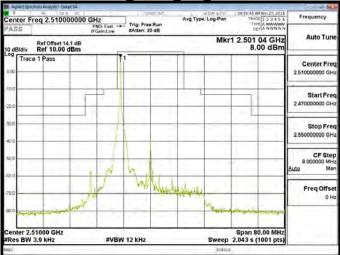
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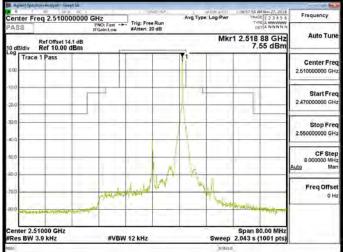


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#### Band 7 16QAM 20M RB1,0



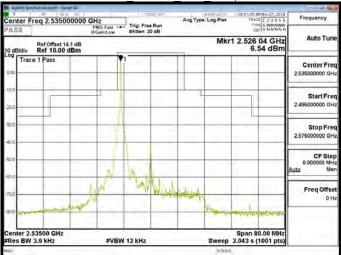
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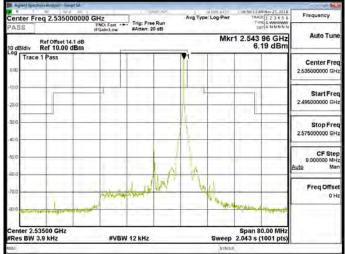
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#### Band 7 16QAM 20M RB1,0



Band 7 16QAM 20M RB1.99



# Band 7 16QAM 20M RB100,0



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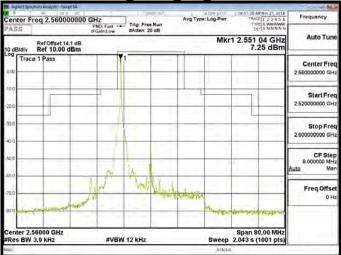
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bit is solid wise stated in the states in the bit report feer only to the sample(s) tested and story and retained to 90 days only. 除非另有说明,此報告結果僅對測試之樣品負素「同時此樣品僅保留的人」。本報告未變本公司書面許可,不可能分複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>www.sgs.com/terms\_and\_conditions.htm</u> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>www.sgs.com/terms\_edocument.htm</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

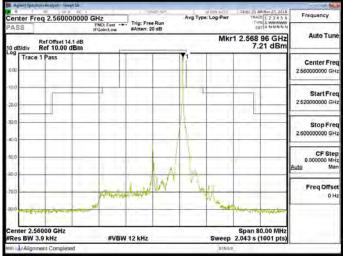


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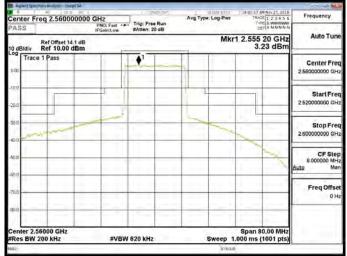
#### Band 7 16QAM 20M RB1,0



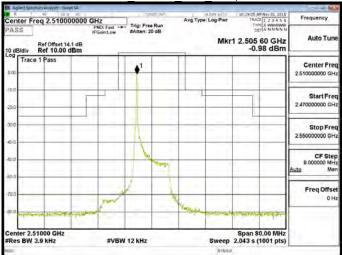
## Band 7 16QAM 20M RB1.99



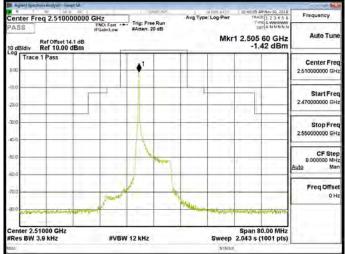
#### Band 7 16QAM 20M RB100,0



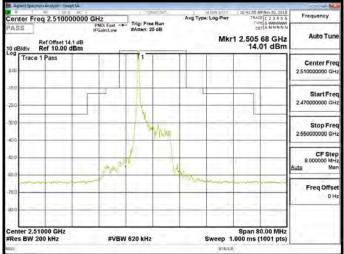
#### Band 7 64QAM 20M RB1,0



Band 7 64QAM 20M RB1.99



Band 7 64QAM 20M RB100,0



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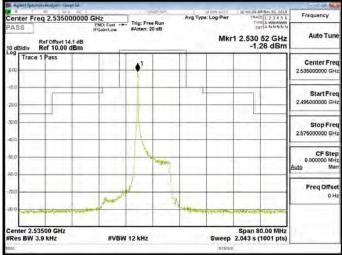


# Report No.: E2/2018/B0047 Page 270 of 583

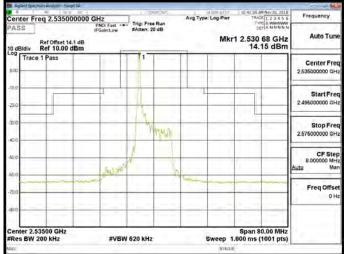
#### Band 7 64QAM 20M RB1,0

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Center F	reg 2.535000	0000 GHz			Avg Type		TRIACE 1 2 3 8 5 6	Frequency
PASS	Ref Offset 14.1 Ref 10.00 dt	PNO: Fast - IFGain:Low dB Bm	#Atten: 2	e Run 10 dB		Mkr	1 2.530 60 GHz -1.61 dBm	Auto Tune
0.00 Trac	ce 1 Pass		<b>●</b> <sup>1</sup>					Center Fred 2.535000000 GH
00 300					1 1			Start Free 2.49500000 GH
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an o catolog		- Aller		1	- Travisno	Niekiminajo	www.www.www.	
	53500 GHz	#VB	W 12 kHz			Sweep	Span 80.00 MHz 2.043 s (1001 pts)	1.
100			and the second			5750.0		L

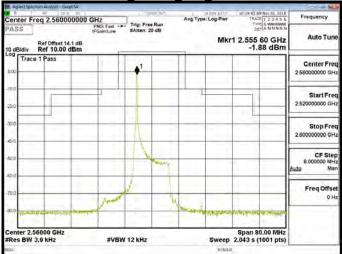
## Band 7 64QAM 20M RB1.99



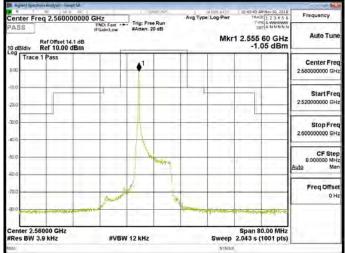
#### Band 7 64QAM 20M RB100,0



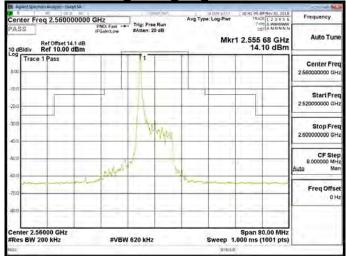
#### Band 7 64QAM 20M RB1,0



Band 7 64QAM 20M RB1.99



Band 7 64QAM 20M RB100,0



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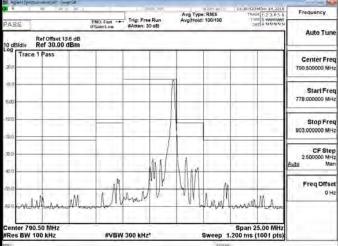
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# Report No.: E2/2018/B0047 Page 271 of 583

## Band 14 QPSK 5M RB1,0

		Trig: Free Run	Avg Type: RMS Avg/Hold: 100/100	101:34:28 PMDec 34,2018 TRAGE 1:2:3:4:5:6	Frequency
ASS Ref Offset 13.6 dB	PNO: Fast ***	#Atten: 30 dB	Auguran marine	DET A TUNTINN	Auto Tune
og Trace 1 Pass	-		TT		Center Fre
ΰ <i>ο</i>		_			790.500000 MH
		A			Start Fre 778.000000 MF
20			-		Stop Fre 803.000000 MH
0	Jak				CF Ste 2 500000 MH Auto Ma
	MAN	White	4. A		Freq Offse
enter 790.50 MHz Res BW 100 kHz		300 kHz*	handhar	Span 25.00 MHz .200 ms (1001 pts)	

# Band 14 QPSK 5M RB1.24



#### Band 14 QPSK 5M RB25,0

× 1	in the local	1 M 20/r 40/70		
PNO: Fast -P-	Trig: Free Run	Avg Type: RMS AvgHold: 100/100	TRADE 1 2 3 4 5 5	Frequency
IF Gain't ow	#Atten: 30 dB	() • 40 ge s	Derlawnonn	Auto Tun
				Center Fre 790 500000 MH
	mannon			Start Fre 778.000000 Mi
				Stop Fre 803.000000 M
N		han		CF St 2 500000 M Auto M
Marthan		- And	man	Freq Offs 01
#VBW	300 kHz*	Sweep	Span 25.00 MHz	
	IFGalet.os	BB M	BARRIN: 30 dB	Production BARREN: 30 dB Section Market

## Band 14 QPSK 5M RB1,0

¥	W (22)		Trig: Free Run	Avg Type: RMS AvgHold: 100/100	THICK 1 2 3 4 5 6	Frequency
ASS	2	ENO, Fair ***	#Atten: 30 dB	Avginiola: 100/100	Der A WWWWW	Auto Tun
dBldiv	Ref 30.00 dBi					
Trac	e 1 Pass					Center Fre 793.000000 MH
ı.d		-	X I			StartFre
.00						780.500000 Mi
20	-					Stop Fr 805.500000 M
						CF St 2,500000 M Auto M
0					1	Freq Offs
10	10.00	N	The	-A .		0)
0.0 00000		own				
	3.00 MHz 100 kHz	#VBW	300 kHz*	Sweep 1	Span 25.00 MHz .200 ms (1001 pts)	
0				arves.	-	ic

## Band 14 QPSK 5M RB1,24



#### Band 14 QPSK 5M RB25,0

Againt Sp	Manaz >					_			
	W (23		_		Con 1941	Avg Typ	e, RMS	TILICE FAMILIE 14,2018	Frequency
PASS			WO; Fast *** Saint ow	Trig: Free #Atten: 30		AvgiHold	: 100/100	Der A WORNT	Auto Tune
0 dB/div	Ref Offset 13 Ref 30.00								Autorum
Tra	ce 1 Pass								Center Free
X1.0		-			-				793.000000 MH
±.0		-		-	-				Start Free
0.00	_	-		Linuter, and	-		-		780.500000 MH
010		_							Stop Fre
20.0						-		1.000	805.500000 MH
									CF Ste
0,0	1	1.1	1			m	1	1.1.1.1.1.1.1	2.500000 MH Auto Ma
00		m	-			- ma	mot		
too	mon	-	-	-	-			Man Man	Freq Offse
SD I Present	Mann	-	1	-	-		1	monor	-
	-		ii.		-	-	1.1	1 - 1	
	93.00 MHz / 100 kHz		#VBW	300 kHz*			Sweep 1.	Span 25.00 MHz 200 ms (1001 pts)	
50							arryster.		

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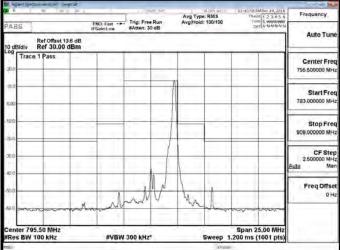
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# Report No.: E2/2018/B0047 Page 272 of 583

#### Band 14 QPSK 5M RB1,0

· · · · · ·	12 K			191	Avg Type	RMS	TRACE	Dec 34,2018	Frequency
ASS	IFGai		Trig: Free Atten: 30	dB	AvgiHold	100/100	DE	AUNDIN	Auto Tun
dB/div Ref 30.0						_			
Trace 1 Pass									Center Fre 795.500000 MH
a)		1							Start Fre 783.000000 MH
10									Stop Fre 808.000000 MH
0									CF Ste 2.500000 Mi- Auto Ma
	1	MI	UA/	AA					Freq Offse
Muna	AMMY	V.	U	my 11	Mark	Man	hara	wah.	
enter 795.50 MHz Res BW 100 kHz	4	#VBW 3	00 kHz'			Sweep 1	Span 25 200 ms (1	5.00 MHz 1001 pts)	

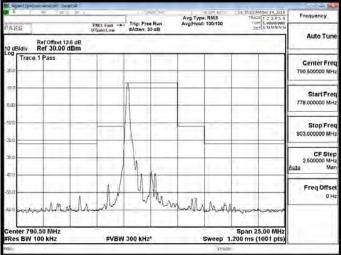
# Band 14 QPSK 5M RB1.24



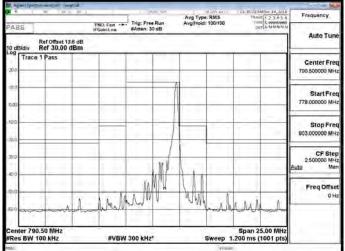
#### Band 14 QPSK 5M RB25,0

PNC; Fast *** IFGainLow	Trig: Free Run #Atten: 30 dB	Avg Type: RMS AvgiHold: 100/100	THEOR 12 3 4 5 6	Frequency
IFGaint ow		0.000000000	berla whinny	
1				Auto Tun
				Center Fre 795 500000 MH
	murmun			Start Fre 783.000000 MF
				Stop Fre 808.000000 MH
www		Muna		CF Ste 2.500000 Mi Auto Mi
Anna			manner	Freq Offse 0 H
	300 kHz*	Sweep 1	Span 25,00 MHz	
	And	Autor autor and	#VBW 300 kHz* Sweep 1	Span 25.00 MHz

#### Band 14 16QAM 5M RB1,0



#### Band 14 16QAM 5M RB1.24



#### Band 14 16QAM 5M RB25,0

	10000 7 20					_	-		
<b>1</b> 2	W (203	× i			164 164	Avg Type Avg/Hold:	RMS	THOM 12345	Frequency
ASS			PNO: Fait ***	#Atten: 30		Avgitioid	100/100	Der A WHON	Auto Tun
0 dB/div	Ref Offset 13 Ref 30.00 d								Auto Tulk
Trac	e 1 Pass					-			Center Fre
X1.0	-				_	_			790.500000 MH
	_		-						Start Fre
	-	-	-	mas	mary		-		778.000000 MH
0:0	-			-					Stop Fre
a) 0		-							803.000000 MH
0.0	_				_		1 1		CF Ste 2 500000 MH
40.0	-	- E - S	Innorth	<u>1. 1</u>	_	mult	120		Auto Ma
00	-	www	howman		-	1	www		Freq Offse
	munthan		_			_	1 = 1	- marine	QH
FOID ME NOW	123						1		
Center 79	0.50 MHz	-	#VBW	300 kHz*			Sween 1	Span 25,00 MHz 200 ms (1001 pts	
ACS DIV	TYPE MALL			000 MIL2	2		inauto in	Los ins liou pra	1

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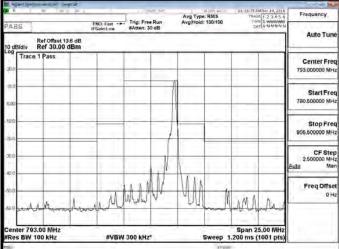
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# Report No.: E2/2018/B0047 Page 273 of 583

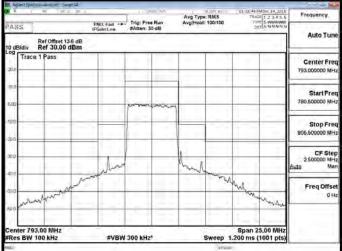
#### Band 14 16QAM 5M RB1,0

8 N (#2)	× i	1 1025 1041	Avg Type: RMS	TRADE 1 23 #5.6	Frequency,
Ref Offset 13.6	ENC: Fast ***	Trig: Free Run #Atten: 30 dB	AvgiHold: 100/100	Det A WINNIN	Auto Tun
dB/div Ref 30.00 dB	m				Center Fre
ά <i>ο</i>		λ			793.000000 MH
au					Start Fre 780.500000 Mi-
20					Stop Fre 805.500000 M
10	. /				CF Ste 2 500000 Mi Auto Mi
NO	MA A	M	The last		Freq Offse
o port Marker was	I WILLIUW	A pring		monthem	
enter 793.00 MHz Res BW 100 kHz	#VBW	300 kHz*	Sweep 1.	Span 25.00 MHz 200 ms (1001 pts)	

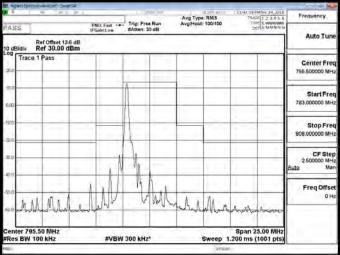
# Band 14 16QAM 5M RB1.24



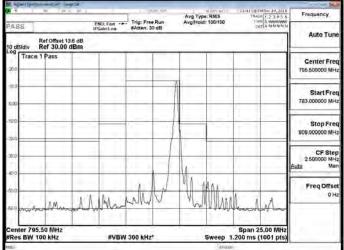
#### Band 14 16QAM 5M RB25,0



#### Band 14 16QAM 5M RB1,0



## Band 14 16QAM 5M RB1.24



#### Band 14 16QAM 5M RB25,0

Migher ( Spi	Minister Sep					1000
	W (212	K I	1 100-101	Avg Type RMS	TRADE 1 2 3 4 5 6	Frequency
PASS		ENO: Faint **	#Atten: 30 dB	AvgiHold: 100/100	Der A WINNIN	Auto Tun
0 dB/div	Ref Offset 13.6 Ref 30.00 di					
Trac	e 1 Pass		1.00			Center Free
20.0						795.500000 MH
=.d						Start Fre
0.00	-	_	mannen	1		783.000000 MH
10:0		_				Stop Fre
20-00	-				1	808,000000 MH
					10010	CF Ste
0.0	1.7	ila	1	-	121	2.500000 MH Auto Ma
40.0		Jun .		and		1.
sout A	and and and	rf.		-	many	Freq Offse
KO NO			1-1-1-	1	a proved	-
	1 mar 1				1	
	95.50 MHz 100 kHz	#VB	V 300 kHz*	Sweep 1	Span 25.00 MHz .200 ms (1001 pts)	
- 10				(PWD)	-	

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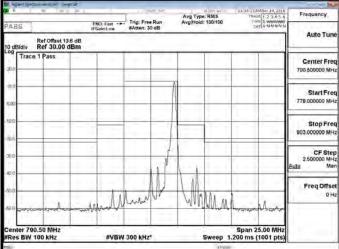
台灣檢驗科技股份有限公司

# Report No.: E2/2018/B0047 Page 274 of 583

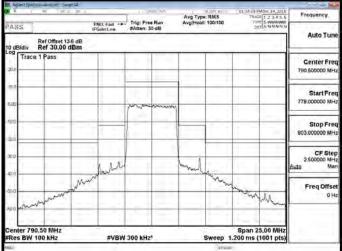
#### Band 14 64QAM 5M RB1,0

	W 192		NO: Fast -	Trig: Fre		Avg Typ Avg/Hoid		THEOL 1 2 3 4 5	5.6 Frequency
ASS dB/div	Ref Offset 13.6	dB	Gain't ow	#Atten: 3	30 dB	0.4	35.0	Der(A WWW	Auto Tun
	1 Pass	<u>m</u>		-					Center Fre 790 500000 MH
e.a .ao				A					Start Fre 778.000000 MH
010) 010		-				-			Stop Fre 803.000000 MH
00				1					CF Ste 2 500000 Mi Auto Mi
0.0	. with	1	A	h	hat	Ant	An		Freq Offs
enter 790 Res BW 1	.50 MHz	onthanane	#VBW	300 kHz		- m		Span 25.00 MH .200 ms (1001 pt	

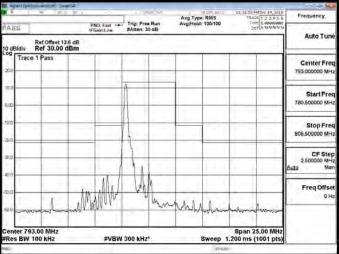
# Band 14 64QAM 5M RB1.24



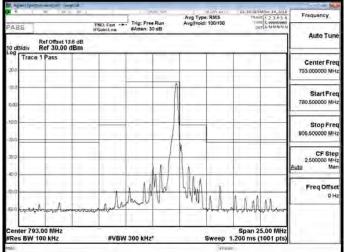
#### Band 14 64QAM 5M RB25,0



#### Band 14 64QAM 5M RB1,0



#### Band 14 64QAM 5M RB1.24



#### Band 14 64QAM 5M RB25,0

	Almer >		_			_				
р २		2 16 1		C	1944 (Mark)	Avg Type Avg/Hold:	RMS	TRAC	Dec 34,2018	Frequency
PASS			NO, Fait Gaint ow	Trig: Free #Atten: 30		Avgittoid	100/100	26	1. WWWWWWW	Auto Tune
10 dB/div	Ref Offset 1 Ref 30.00									Halo I din
20.0 Trac	e 1 Pass									Center Free 793.000000 MH
=0	-		1 - 1	1	_					120000001111
0.00				poner	www					Start Free 780.500000 MH
10/0									-	Stop Free 805.500000 MH
20-0										CF Ste
00			andered		_	mahr	ma	1.21		2.500000 MH Auto Ma
ano Al		han			-		~~~	No vo	d.	Freq Offse
ROO WWW		-							in prost	
	93.00 MHz 100 kHz		#VBW	300 kHz*			Sweep 1	Span 2: 200 ms (	5,00 MHz 1001 pts)	
nici-	-						<b>EPWERE</b>	_		-

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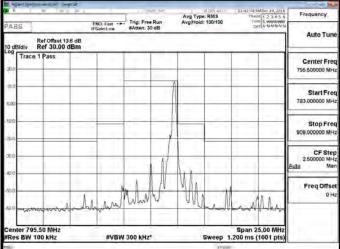
台灣檢驗科技股份有限公司

# Report No.: E2/2018/B0047 Page 275 of 583

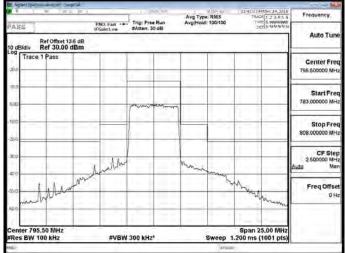
#### Band 14 64QAM 5M RB1,0

	W [R2 K	ENO: Fast ***	Trig: Free Run	Avg Type: RMS AvgHold: 100/100	TILOT 1 2 3 4 5 6	Frequency
ASS	ef Offset 13.6 dB	ENG, Fast	#Atten: 30 dB	Pregisterial tour tee	Der A WWWWW	Auto Tun
0 dB/div R P9 Trace 1	ef 30.00 dBm Pass					Center Fre 795 500000 MH
ad			A			Start Fre 783.000000 Mi
20 20						Stop Fr 808.000000 M
			1			CF Ste 2 500000 Mi Auto M
in Au		MU	Man	mal allesta	M ALA	Freq Offs 01
enter 795.0 Res BW 10		#VBW	300 kHz*	Sweep 1	Span 25.00 MHz .200 ms (1001 pts)	

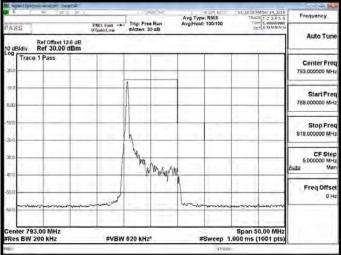
# Band 14 64QAM 5M RB1.24



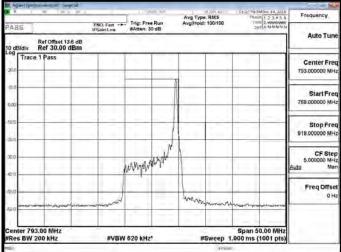
## Band 14 64QAM 5M RB25,0



#### Band 14 QPSK 10M RB1,0



#### Band 14 QPSK 10M RB1.49



#### Band 14 QPSK 10M RB50,0

wither the	dimesz >		_							
	W (23			Sec. Sec.	(H) (H)	Avg Type Avg/Hold:	RMS	TRACE	Dec 34,2018	Frequency,
PASS		P UF	NO; Fait *** Gaint nik	#Atten: 30		Avgitioid	100/100	DE	A 14/1/10/10/10	Auto Tun
0 dB/div	Ref Offset 13 Ref 30.00									Hate Fall
Tra	e 1 Pass	-		1.0	-		1.00			Center Fre
×0.0	-	-					-		_	793.000000 MH
a.a	_	-		-				-		
	_			runne	niminer		1.1		_	Start Fre 758.000000 MP
010	-	_				_	1.1	1 1		Stop Fre
0.0			I = I		1		L., 1	1		B18.000000 M
0.0			mand		I	there				CF Ste
11.		mar	-	11.1			Z			5.000000 Mi Auto M
00	-	d		1					m.	Freq Offs
0.0		1					1 - 1		here	91
00	monterent									
	93.00 MHz	-		ann an Cairtean	-	-		Span 50	0.00 MHz	
Res BW	200 kHz	-	#VBW	620 kHz'		#	Sweep 1.	.000 ms (1	1001 pts)	

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## Band 14 16QAM 10M RB1,0

N IN INCOME	PNO: Fast	Trig: Free Run	Avg Type, RMS Avg/Hold: 100/100	01:38:35 PMDec 34, 2018 TRADE 1 2 3 4 5 6 THE & WWWWW DET A TRADE IN	Frequency
ASS Ref Offset 13.6 dB	IFGaint on	#Atten: 30 dB	10 <b>1</b> -00-92-92	perla www.n	Auto Tun
D dB/div Ref 30.00 dBm PS Trace 1 Pass No					Center Fre 793.000000 MH
80 100					Start Fre 768.000000 Mi-
00					Stop Fre 818.000000 MH
50 50		Winner	M		CF Ste 5.000000 Mi Auto Mi
ND	and we		huter		Freq Offs gi
enter 793.00 MHz Res BW 200 kHz		620 kHz*		Span 50.00 MHz 1.000 ms (1001 pts)	

## Band 14 16QAM 10M RB1,49

KO, Fast *** Trig: Fr aint os #Atten: 1		Avg Type. AvgiHoid:	RMS	Tuber Tuber Tuber Tuber Tuber	523456	Frequency Auto Tune Center Freq
				Derl	2 WINNIN	Center Freq
				1		Center Freq
	01					793.000000 MHz
_						Start Freq 768.000000 MHz
						Stop Fred 818.000000 MHz
Marian	West					CF Step 5.000000 MH; Auto Mar
	-	hum	Janja			Freq Offse 0 Ha
				Span 50,0	00 MHz	
	man	//////////////////////////////////////		with high management	#VBW 620 kHz*	#VBW 620 kHz* #Sweep 1.000 ms (1001 pts)

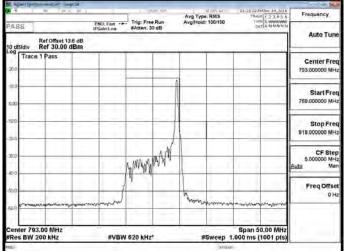
#### Band 14 16QAM 10M RB50,0

Nglent Sportionness of Sample				Long II Income and	
1 N (#2.2		Trig: Free Run	Avg Type, RMS Avg/Hold: 100/100	01:31:36 PMDec 34, 2019 TRADE 1 2 3 4 5 6	Frequency
Ref Offset 13.6 d	PNO: Fait ***	#Atten: 30 dB	Augurent rearre	Der A WOONN	Auto Tuni
0 dB/div Ref 30.00 dBr	n	- 1			Center Fre 793.000000 MH
±0		m			Start Fre 758.000000 MH
10:0	_				Stop Fre B18.000000 MH
100	man		-		CF Ste 5.000000 MH Auto Ma
200	ſ			and a service of the	Freq Offse
Center 793.00 MHz Res BW 200 kHz	#VBW	520 kHz*	#Sweep 1	Span 50,00 MHz .000 ms (1001 pts)	

#### Band 14 64QAM 10M RB1,0

Frequency	01:19:53 PMDec 34,2018 TRADE 1 2 3 4 5 5	d shearn	h T	10	_		11 (Mar)	-			
- Theorem	Det A WINNIN	Avg Type: RMS AvgiHold: 100/100		Trig: Free Run #Atten: 30 dB		PN	ASS				
Auto Tur	Ref Offset 136 dB										
Center Fre							1 Pass				
Start Fre 768.000000 Mi											
Stop Fre 818.000000 MH			-					0.0			
CF Ste 5.000000 Mi Auto Mi			MAN AL.	MAN				0.0			
Freq Offs 01	int summers	Whening	114	- 13	MAN	whinewell					
	Span 50.00 MHz .000 ms (1001 pts)			520 kHz*	_		00 MHz	enter 793 Res BW 2			
		wowcep 1.		LY ANZ	#70W		VO NIA	Co DW 2			

## Band 14 64QAM 10M RB1,49



#### Band 14 64QAM 10M RB50,0

	iners of			_		_		Terr In		
р २	W (22	×1	NO: Fast -P-	Trig: Free		Avg Type Avg/Hold	RM5	TRAC	MDec 34,2018 = 1 2 3 4 5 6 = 7,0000000 = 6 10 0 0 0 0	Frequency
	Ref Offset 13.	5 dB	Gaint ow	#Atten: 30				21	erla www.wa	Auto Tune
Trace	Ref 30.00 d 1 Pass	BM								Center Free 793.000000 MH
0.00				penson	my					Start Free 758.000000 MH
-10/0										Stop Free B18.000000 MH
3010		- And	and the second second	1		ment	and the second	mun		CF Ster 5.000000 MH Auto Ma
500		7							A.S.	Freq Offse
Son white	1.1							Span 5	0.00 MHz	
#Res BW 20	00 kHz	-	#VBW	620 kHz*		#	Sweep 1		1001 pts)	
SU .							<b>ETYNEM</b>	-		

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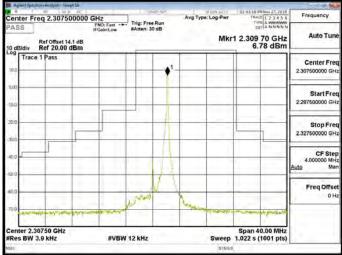


# Report No.: E2/2018/B0047 Page 277 of 583

## Band 30 QPSK 5M RB1,0

1. S. A. A.					_			um Abrillyzes - Swe	plant Spectr	Ag	
Frequency	01:00:21 PM Nos 21:2018 TRACE 1 2 3 4 5 6	Log-Pwr	Ave T	SFENT	1 - 10	da.		2 20760	tor Fr	8	
	DET A WWWWW	THE A WWWWW			Trig: Free Run #Atten: 30 dB		PASS PASS PASS				
Auto Tun	2.305 34 GHz 7.04 dBm	Mkr1			1		1 dB	Ref Offset 14 Ref 20.00	B/div	0 dE	
Center Fre					1	1		1 Pass	Trace	.ºg	
2.307500000 GH				_	<b>♦</b> <sup>1</sup>		-	-	-	10.0	
-			-	_	-		-	-	-	100	
Start Fre 2.287500000 GH	_		-	_			-	-	-	10.0	
Stop Fre			_	_	1		-	-	-	0.0	
2.327500000 GH			-		11-	-	1			0.00	
CF Ste	100				11		1	-	-		
4.000000 MH Auto Ma				1		1				50.0	
Freq Offse					$\langle \lambda \rangle$	1			11	200	
01			-	14-14		1	-	-	-	67/8	
			Ornear	W	-	mander	(Lony)-	The second	م معر الم	70.0	
	Span 40.00 MHz 1.022 s (1001 pts)	Sween		-	12 kHz	#VBW		0750 GHz	ter 2.3		
	iners a front hrat	stand			12 1112					T.C.	

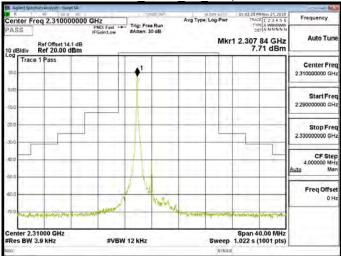
#### Band 30 QPSK 5M RB1.24



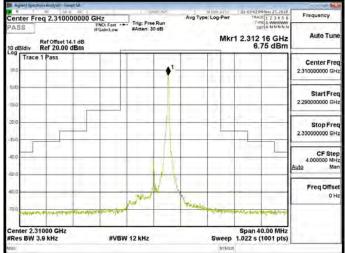
#### Band 30 QPSK 5M RB25,0



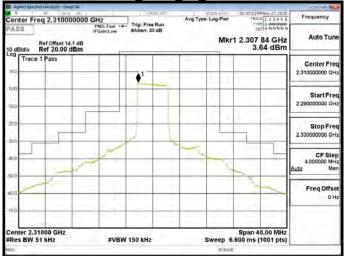
#### Band 30 QPSK 5M RB1,0



Band 30 QPSK 5M RB1.24



Band 30 QPSK 5M RB25,0



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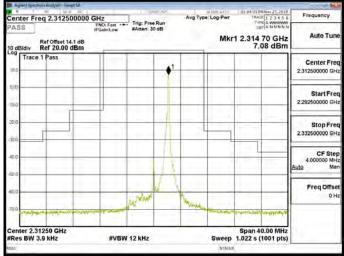


# Report No.: E2/2018/B0047 Page 278 of 583

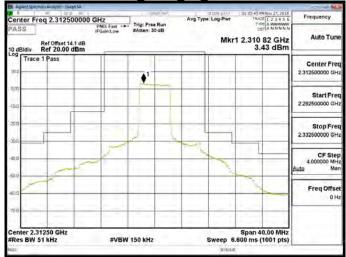
## Band 30 QPSK 5M RB1,0

									Agiler ( Spéctrum A				
Frequency	Altos 25, 2018	01:02:53 94	1104 AUG		SPENT	1 - 30		10 = bC	8				
	123456 AWWWW ANNNNN	Avg Type: Log-Pwr TRACE [ 2 3 4 5 6 Tries A www.ww Der A frint in N				PNO: Fast Trig: Free Run			PASS PROF. For the Providence of the Providence				
Auto Tun	38 GHz 31 dBm	1 2.310	Mkr					offset 14.1 dB 20.00 dBm	dB/div Re				
Courses Free								ISS	Trace 1 P				
Center Fre									0				
2.312500000 GH	-		1 - 1		-	11			0				
Start Fre						-			<u>aj</u>				
2.292500000 GH			1.5.5	1	_		1		10				
		1-1	121				-						
Stop Fre	-				-	1		1	0				
2.332500000 GH						1			in T				
CF Ste						11							
4.000000 MH		-			-	1			0				
Auto Ma					-	1	_		ŵ.				
Freq Offse						I							
Frequise		-		-	the dist	N.	1		0				
	-				and the second	+ -	Harrist	_	0				
	mar and a state of the state of	The off the	-Walnard	" A Street Street				APAN ANA	Committee and				
	0.00 MHz			-		× 5	- 135		nter 2.3125				
	1001 pts)	1.022 \$ (	Sweep			12 kHz	#VBW	Hz	tes BW 3.91				
			STARC						e				

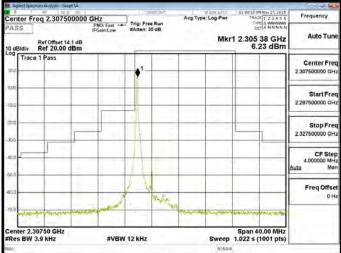
## Band 30 QPSK 5M RB1.24



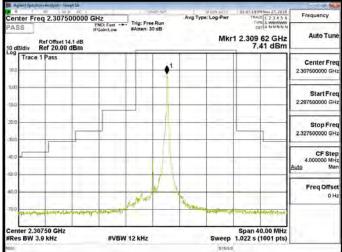
#### Band 30 QPSK 5M RB25,0



#### Band 30 16QAM 5M RB1,0



Band 30 16QAM 5M RB1.24



Band 30 16QAM 5M RB25,0



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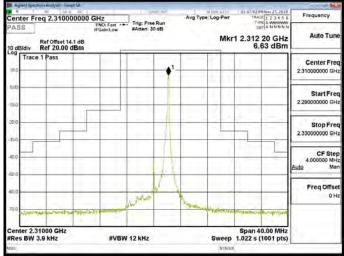


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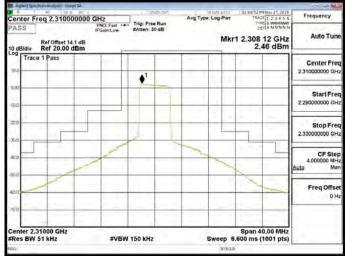
#### Band 30 16QAM 5M RB1,0

Agilent Spectru	in Abdyzti - Sie						at 204 at 110			
enter Fre	q 2.3100	00000 GH	Z VO: Fast	Trig: Free	SF-INT		: Log-Pwr	G1:06:33 PM TRACE	123456 AWWWW ANNNN	Frequency
0 dB/div	Auto Tun									
Trace	1 Pass			•1_		-				Center Fre 2.310000000 GH
0.0										Start Fre 2.290000000 GH
0.0				1						Stop Fre 2.330000000 GH
				1						CF Ste 4.000000 MH Auto Ma
0.0		-		$\square$	Yele			-		Freq Offs
0.0	active plates	The Real Property in	- CARDON		INS	Stanting of the	and the second	man	weinpf	-
enter 2.31 Res BW 3.		-	#VBW	12 kHz	-	_	Sweep	Span 40 1,022 s (1		÷
10	0.00						STARIS			L

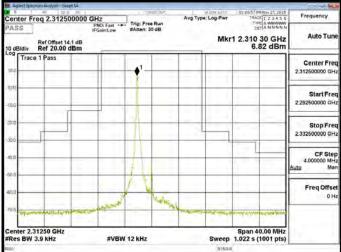
#### Band 30 16QAM 5M RB1.24



#### Band 30 16QAM 5M RB25,0



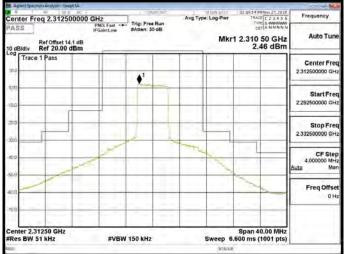
#### Band 30 16QAM 5M RB1,0



Band 30 16QAM 5M RB1.24



Band 30 16QAM 5M RB25,0



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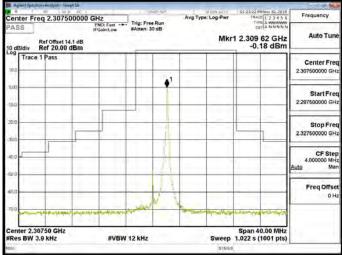


# Report No.: E2/2018/B0047 Page 280 of 583

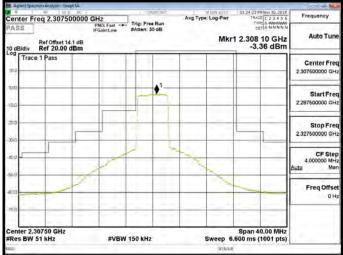
## Band 30 16QAM 5M RB1,0

100 M									n Abullyzta i Sine		
Frequency	123456	g 2.307500000 GHz Avg Type Log-Pwr 78402 [12				Freq 2.307500000 GHz				en Cen	
Auto Tun	S PRO: Fast - Trg: Free Run rectant 30 dB Ref Offset 14.1 dB Mkr1 2.305 38 GHz									SS Bidiv R	PAS
Center Fre						1			Pass	Trace 1	.og
2.307500000 GH						-	_		-	-	10.0
					-	41	1.11		-	1	J
Start Fre						1					0.00
2.287500000 GH				-			1	-	-		10.0
1.675.22							1				0.0
Stop Fre 2.327500000 GH	1				-	1	1			1	4.0
2.02100000 01	-	-			-	-	-	<u> </u>	-		0.0
CF Ste	-					14			+	<u> </u>	0.0
4.000000 MH Auto Ma						11	1				
				-		1 T			-	-	50.0
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OH					he all	1 4		1.1			1
	the well and	en de la companya de		any many shall be	Autor Sta		- Anna - Anna	a a fritz your party of		1. Car Mart	70.0
	0.00 MHz	Creat Ad				1.1		1.0	250 011-	ter 2.307	
	1001 pts)		Sweep			12 kHz	#VBW			s BW 3.9	
-			STARIO							-	sia

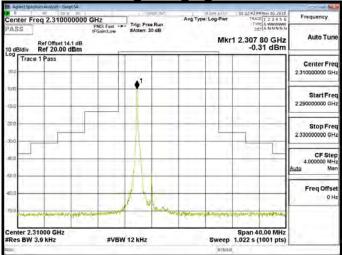
## Band 30 64QAM 5M RB1.24



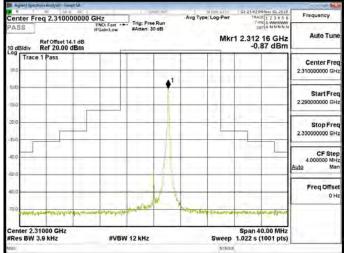
### Band 30 64QAM 5M RB25,0



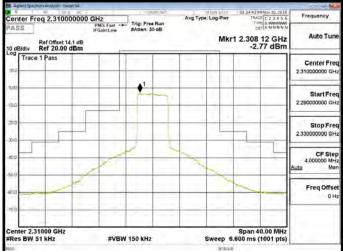
## Band 30 64QAM 5M RB1,0



#### Band 30 64QAM 5M RB1.24



## Band 30 64QAM 5M RB25,0



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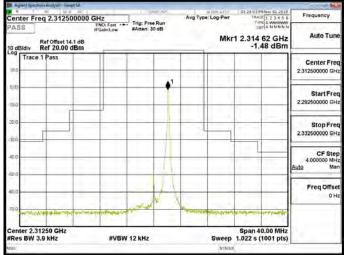


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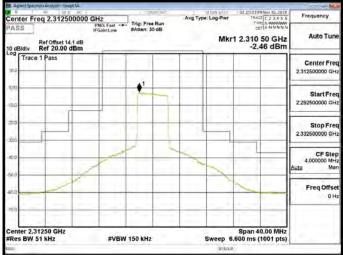
## Band 30 64QAM 5M RB1,0

0 0
B GHz D dBm Center Free 2.312500000 GH
2.312500000 GH
2.312500000 GH
2.292500000 GH
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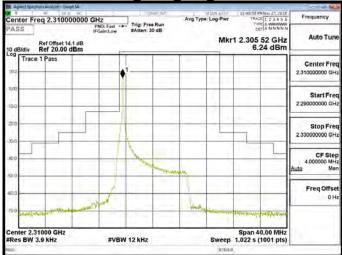
## Band 30 64QAM 5M RB1.24



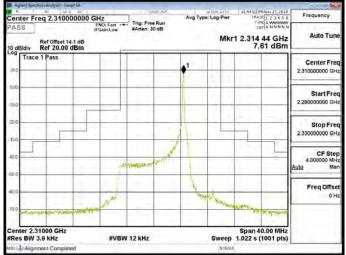
### Band 30 64QAM 5M RB25,0



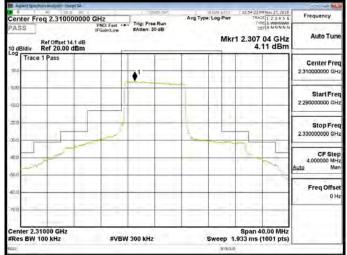
### Band 30 QPSK 10M RB1,0



Band 30 QPSK 10M RB1.49



Band 30 QPSK 10M RB50,0



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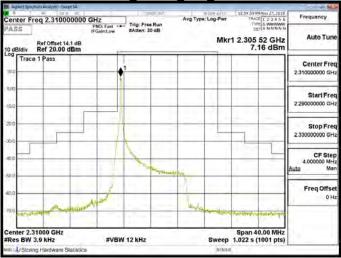
f (886-2) 2298-0488

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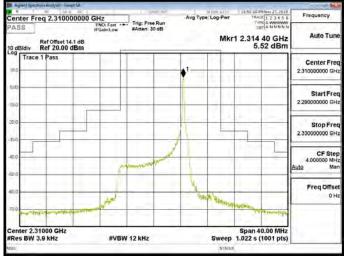


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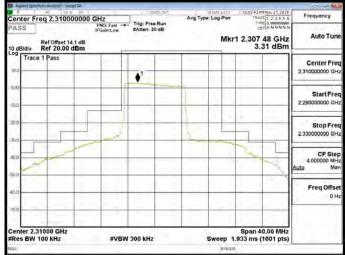
## Band 30 16QAM 10M RB1,0



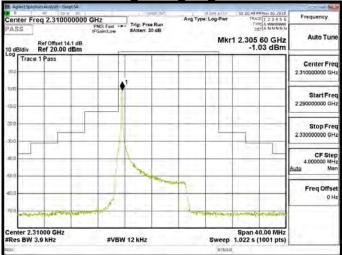
#### Band 30 16QAM 10M RB1.49



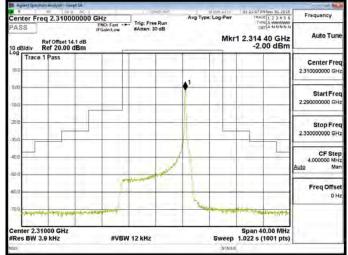
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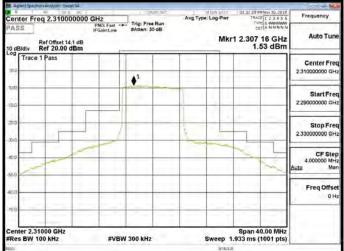
#### Band 30 64QAM 10M RB1,0



### Band 30 64QAM 10M RB1.49



#### Band 30 64QAM 10M RB50,0



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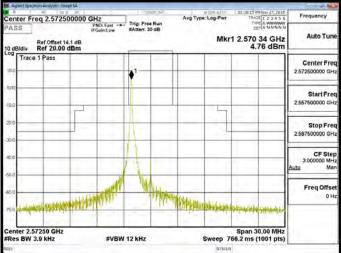
f (886-2) 2298-0488

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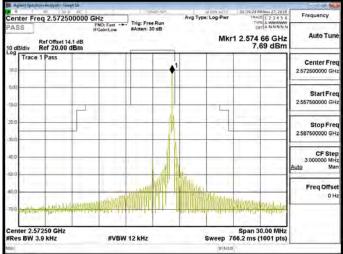


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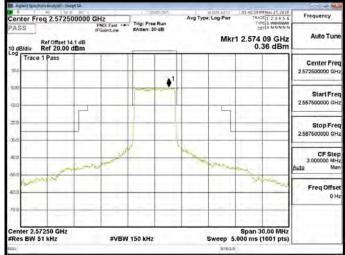
## Band 38 QPSK 5M RB1,0



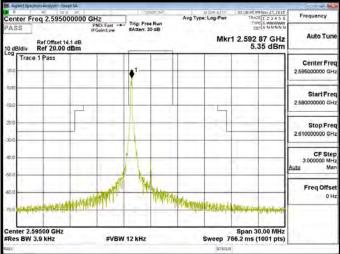
#### Band 38 QPSK 5M RB1.24



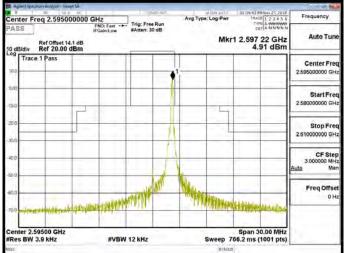
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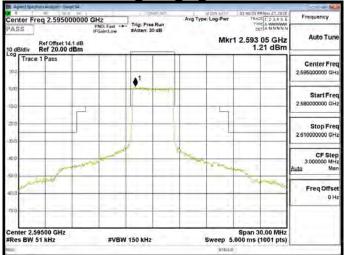
### Band 38 QPSK 5M RB1,0



Band 38 QPSK 5M RB1.24



Band 38 QPSK 5M RB25,0



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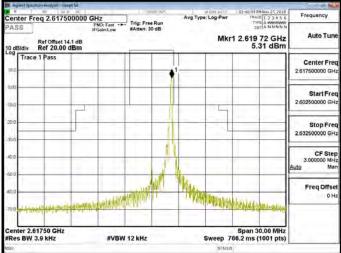
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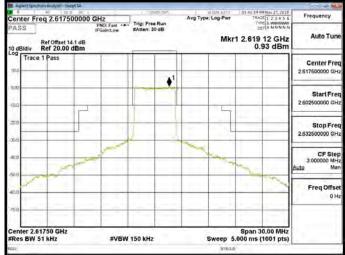
## Band 38 QPSK 5M RB1,0

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Frequency	Avg Type: Log-Pwr TRACE [ 2 3 4 5 6			Center Freq 2.617500000 GHz							
Auto Tun	2.615 31 GHz 6.49 dBm	Trig: Free Run #Atten: 30 dB DerrA Mkr1 2.615 31			PASS PNO: Fast IFGaint.ow Ref Offset 14.1 dB Ref 20.00 dBm						
Center Free 2.617500000 GH				•1-			1 Pass	og Trac			
Start Fre 2.602500000 GH						_		0.0			
Stop Fre 2.632500000 GH								0.0			
CF Ste 3.000000 MH Auto Ma								00			
Freq Offse			1 de la	1 Ini	Niger .			60.0			
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	Span 30.00 MHz 6.2 ms (1001 pts)	Sweep 76		12 kHz	#VBW		1750 GHz 3.9 kHz	enter 2. Res BW			
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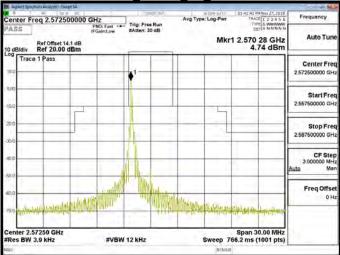
## Band 38 QPSK 5M RB1.24



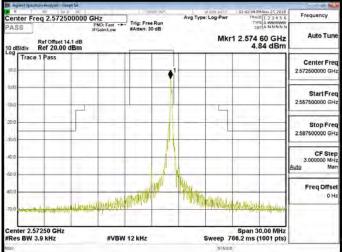
#### Band 38 QPSK 5M RB25,0



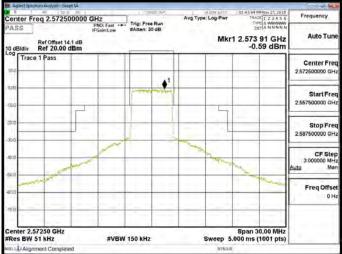
### Band 38 16QAM 5M RB1,0



Band 38 16QAM 5M RB1.24



Band 38 16QAM 5M RB25,0



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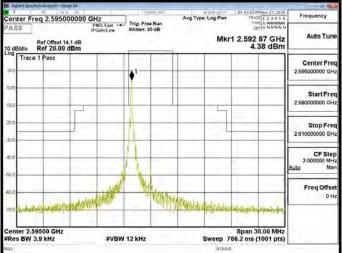
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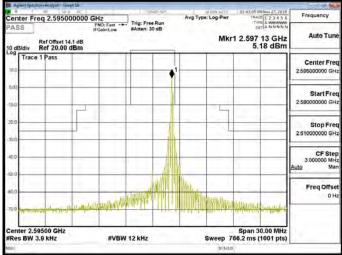


# Report No.: E2/2018/B0047 Page 285 of 583

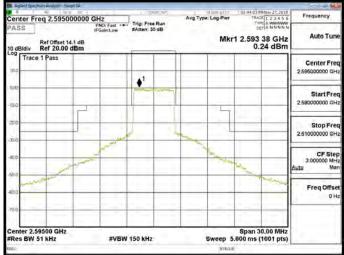
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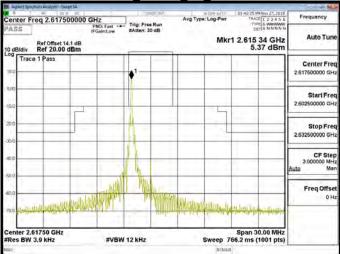
#### Band 38 16QAM 5M RB1.24



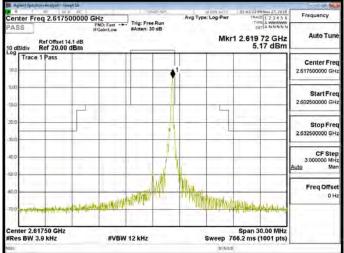
### Band 38 16QAM 5M RB25,0



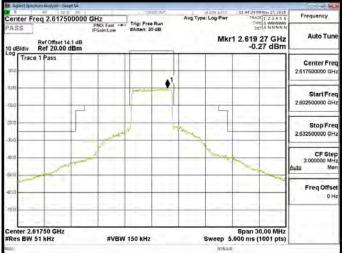
### Band 38 16QAM 5M RB1,0



Band 38 16QAM 5M RB1.24



Band 38 16QAM 5M RB25,0



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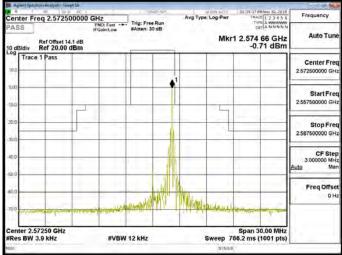


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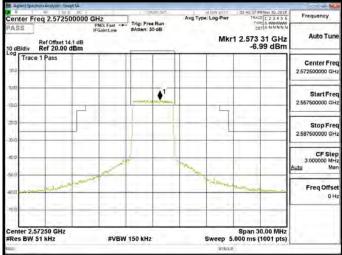
## Band 38 64QAM 5M RB1,0

	DC			NAL INT	1. 1	LUNY AUTO	01:18:37 PM Nov 30, 2018			
enter Freq 2.5725	PNO: Fast				req 2.572500000 GHz PNO: Fast Trig: Free Run Avg Type: Log-Pwr TRA				TRACE 1 2 3 4 5 6 TRE A WWWW	Frequency
Ref Offset 14 Ref 20.00	Auto Tune									
Trace 1 Pass								Center Free 2.572500000 GH		
0.0			•1-					Start Fre 2.557500000 GH		
00								Stop Fre 2.587600000 GH		
00			1			_		CF Ste 3.000000 MH Auto Ma		
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0.0 And a start of the second start	Water Contraction	LANNY	- UN	menay	A complete	Arto's and	San			
enter 2.57250 GHz Res BW 3.9 kHz	<u> </u>	#VBW	12 kHz		5	weep 76	Span 30.00 MHz 6.2 ms (1001 pts)	1		

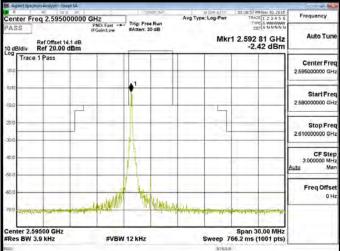
## Band 38 64QAM 5M RB1.24



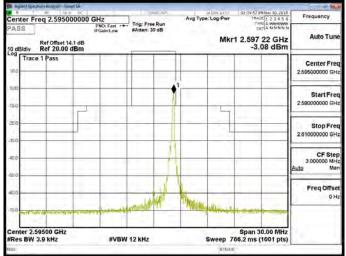
### Band 38 64QAM 5M RB25,0



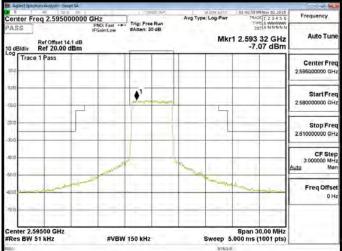
## Band 38 64QAM 5M RB1,0



#### Band 38 64QAM 5M RB1.24



### Band 38 64QAM 5M RB25,0



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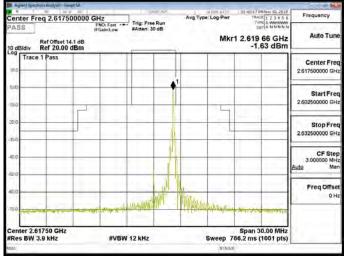


# Report No.: E2/2018/B0047 Page 287 of 583

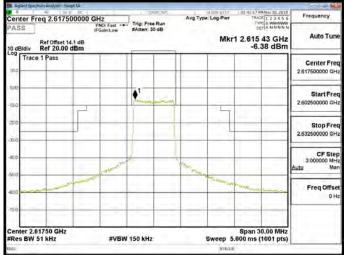
## Band 38 64QAM\_5M\_RB1,0

8	Stum Absilyzes - Sa	a DC			AND NO.	1 at 104	a.010	01:29:17 PM Nov 30, 2018	
Center Freq 2.617500000 GHz					reg 2.617500000 GHz Avg Type: Log-Pwr TRACE 1 2 3 4 5 6				Frequency
ASS reformed and the reformation of the reformation									Auto Tuni
Trac	e 1 Pass								Center Fre 2.617500000 GH
040 				<b>•</b> '					Start Fre 2.602500000 GH
							-		Stop Fre 2.632500000 GH
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70.0	me the	D	Ling Mar		MAN W	A.S. Contraction	T-14 (***	Acres and Dawn	
enter 2.0 Res BW	31750 GHz 3.9 kHz	-	#VBW	12 kHz		Swee	ep 76	Span 30.00 MHz 6.2 ms (1001 pts)	1.
							1000		1

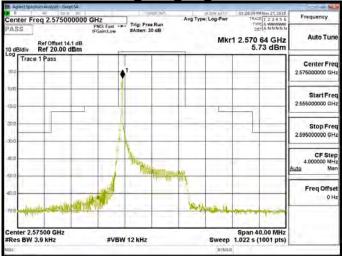
## Band 38 64QAM 5M RB1.24



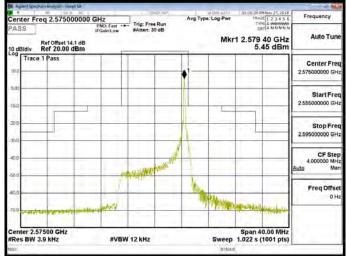
#### Band 38 64QAM 5M RB25,0



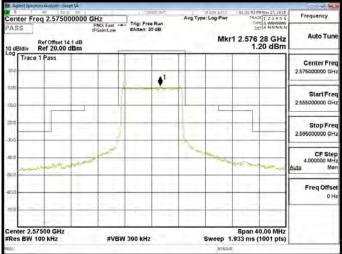
### Band 38 QPSK 10M RB1,0



Band 38 QPSK 10M RB1.49



Band 38 QPSK 10M RB50,0



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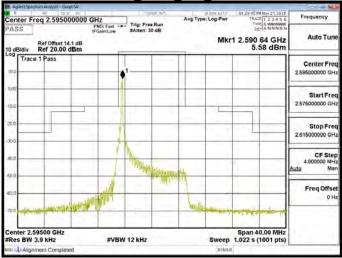
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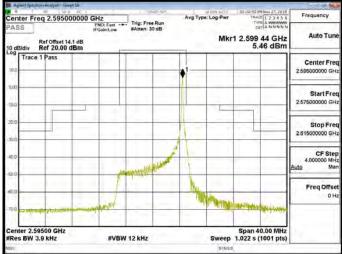


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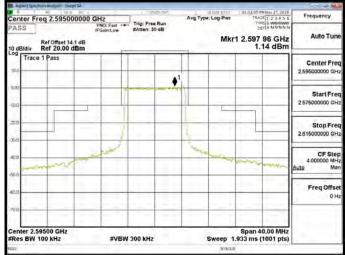
## Band 38 QPSK 10M RB1,0



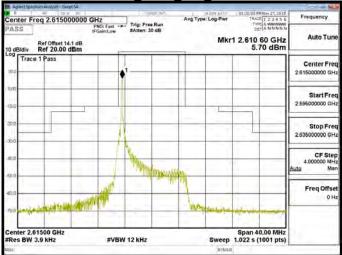
#### Band 38 QPSK 10M RB1.49



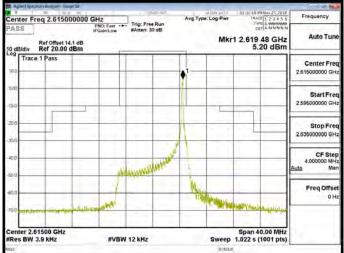
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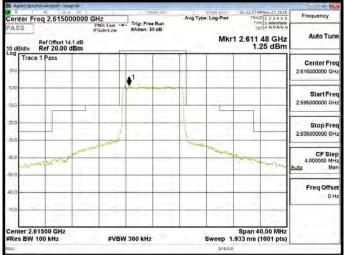
## Band 38 QPSK 10M RB1,0



Band 38 QPSK 10M RB1.49



Band 38 QPSK 10M RB50,0



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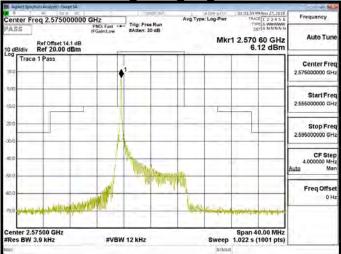
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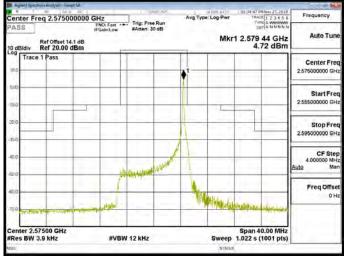


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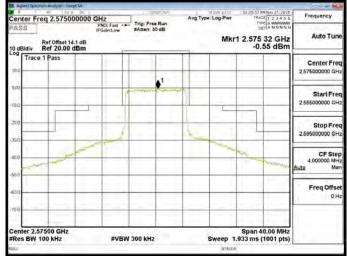
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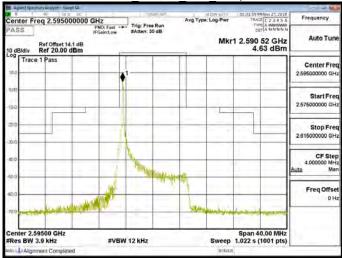
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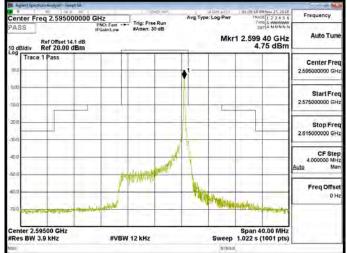
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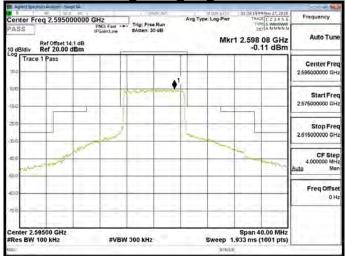
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Band 38 16QAM 10M RB1.49



Band 38 16QAM 10M RB50,0



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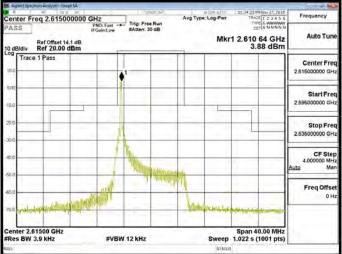
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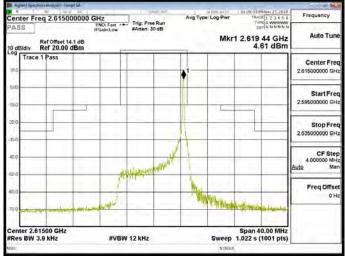


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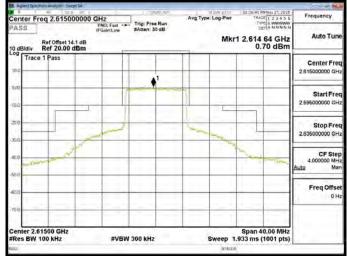
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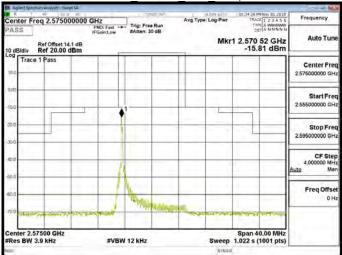
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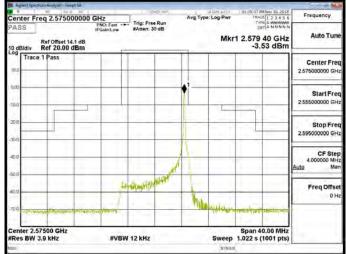
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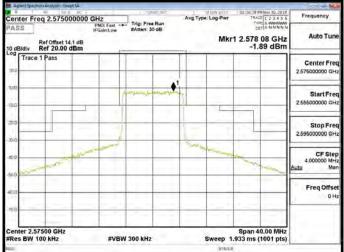
#### Band 38 64QAM 10M RB1,0



## Band 38 64QAM 10M RB1.49



#### Band 38 64QAM 10M RB50,0



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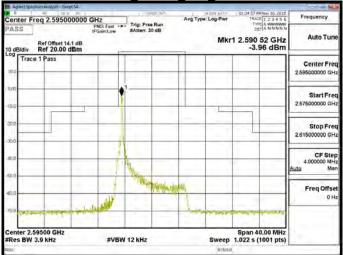
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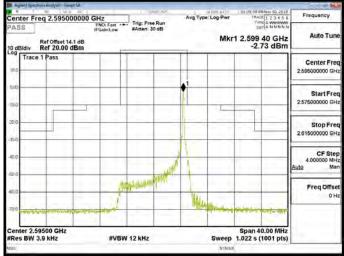


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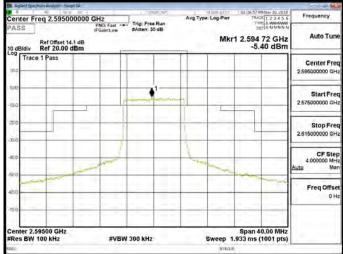
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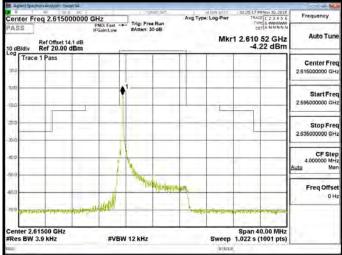
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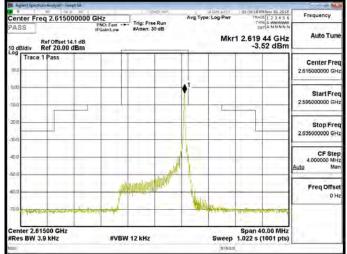
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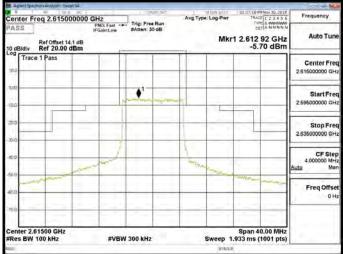
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Band 38 64QAM 10M RB1.49



Band 38 64QAM 10M RB50,0



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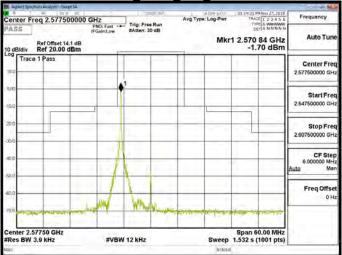
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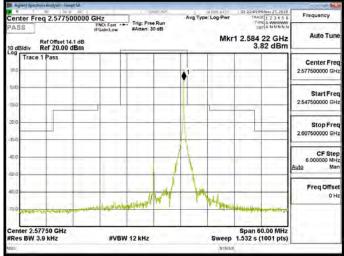


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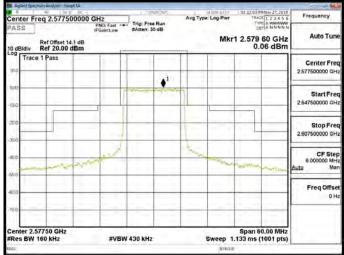
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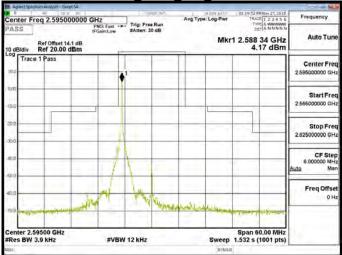
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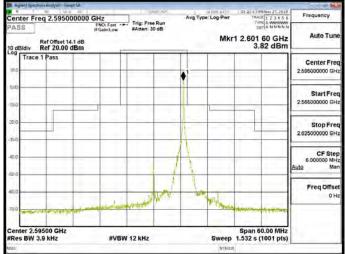
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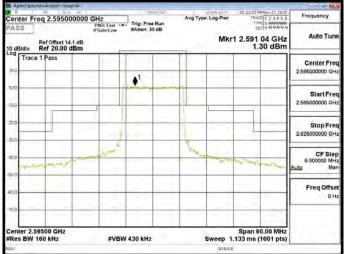
### Band 38 QPSK 15M RB1,0



#### Band 38 QPSK 15M RB1.74



Band 38 QPSK 15M RB75,0



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