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SG

Band Edge Band26 10MHz QPSK RB1 49 CH26990

Benter Freq 849.000000 MHz PASS Trig: Free Run Bitlen: 30 dB Rev Type: RMS Trig: Free Run Production Trig: Free Run Bitlen: 30 dB Trig: Free Run		pectrum Analyzer - Swept							
PASS IF Centrative #Atten: 30 dB Cent ANNUME Ref Offset 138 dB GB 30.00 dBm -30.552 dBm 10 dBdvi Ref 30.00 dBm -30.552 dBm 10 dBdvi Trace 1 Pass - 10 dBdvi Ref 30.00 dBm -30.552 dBm 10 dBdvi Ref 30.000 dBm -10.000 dBm 10 dBdvi Ref 30.000 dBm -10.000 dBm 10 dBdvi Ref 20.0000 MHz Start Free 20 dBvi Total Addres -20.00 MHz 20 dBvi Total Addres -20.00 MHz 21 h Ref 20.000 MHz -30.55 dBm 21 h -10 dBvi -30.55 dBm 21 h		RF 50 Ω Freq 849.0000	IOO MHz		#Avg Typ	e: RMS	TRAC	123456	Frequency
Trace 1 Pass Center Free 00 0	10 dB/div	Ref Offset 13.8 Ref 30.00 dE	IFGain:Low	#Atten: 30 dB		M	kr1 849.	DO MHZ	Auto Tune
100 1 300 55000000 MHz 200 1 1 35000000 MHz 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 </td <td>20.0 Tra</td> <td></td> <td></td> <td>Λ</td> <td></td> <td></td> <td></td> <td></td> <td>Center Fred 849.000000 MHz</td>	20.0 Tra			Λ					Center Fred 849.000000 MHz
00 0	-10.0		0	-/					Start Free 839.000000 MH:
RRes BW 100 kHz #VFBW 300 kHz Sweep 2.533 ms (1001 pts) Auto Auto <td>-40.0</td> <td></td> <td>and the second</td> <td></td> <td></td> <td>011/2amy 12m</td> <td></td> <td></td> <td>Stop Free 859.000000 MH</td>	-40.0		and the second			011/2amy 12m			Stop Free 859.000000 MH
2	#Res BW	100 kHz	X	Y		<u> </u>	.533 ms (1	001 pts)	2.000000 MH
7	2 3 4 5	1 1	849.00 MHz	-30.55 dBm				E	Freq Offse 0 H
	7 8 9 10							=	Scale Type
	<							•	

			-							
840)_CH26	B50_0	PSK_RE	Hz_(26_10M	Banc	Edge_	Band	E	
@ 							wept SA	n Analyzer - S	sight Spectru	🔤 Key
Frequency	7 PM Aug 16, 2024 RACE 1 2 3 4 5 6 TYPE A WWWWW	TRA	g Type: RMS		SENSE:	Ηz	0000 MH	RF 50	ter Fred	Cent
	DETANNNNN	5			#Atten: 30 dB	PNO: Fast + IFGain:Low			S	PAS
Auto Tune	4.00 MHz 581 dBm		M					ef Offset 1 ef 30.00		10 dF
					· · ·	_	UBIII			Log
Center Fred								Pass	Trace 1	20.0
824.000000 MHz										10.0
						_				0.00
	1				1					-10.0
Start Free										-20.0
814.000000 MHz					↓					
	ľ					man				-30.0
Stop Fred					+ +			man	-	-40.0
		_								-50.0
834.000000 MH										-60.0
CF Step	20.00 MHz								ter 824.0	
2.000000 MHz	s (1001 pts)	2.533 ms	Sweep		√ 300 kHz	#VB		0 kHz	s BW 10	#Res
<u>Auto</u> Mar	CITION WALLIE	TH FUNCT	FUNCTION WIDTH	FUNCTIO	Ŷ		x	CL	NODE TRC S	MKR 1
			1		-29.58 dBm	.00 MHz	824.	f	N 1	
Freq Offset								_		2
0 Ha										4
	E									5
Ocale Trees										7
Scale Type		-	-					-		8
Log <u>Lir</u>										10
	•		1			-				11
		TUS	STATE							MSG
			KO 01/11							trand.

Band Edge Band26 10MHz QPSK RB50 0 CH26990

Keysight S	pectrum Analyzer - Swept	ISA					- 0 ×
Center F	RF 50 Q		SENSE:IN	#Avg Type	02:40:1	19 PM Aug 16, 2024 RACE 1 2 3 4 5 6	Frequency
PASS	Ref Offset 13.8 Ref 30.00 dB		Trig: Free Run #Atten: 30 dB			9.00 MHz .444 dBm	Auto Tune
20.0 Tra 10.0 0.00 (***	ce 1 Pass		memory				Center Free 849.000000 MH
-10.0 -20.0 -30.0							Start Free 839.000000 MH
-40.0 -50.0 -60.0					mannen	*****	Stop Free 859.000000 MH:
#Res BW		x	W 300 kHz	FUNCTION FUN	Sweep 2.533 m	n 20.00 MHz s (1001 pts) ottonwalue	CF Step 2.000000 MH Auto Mar
1 N 2 3 4 5 6	1 1	849.00 MHz	-31.44 dBm				Freq Offse 0 H
7 8 9 10 11							Scale Type
MSG					K STATUS		

Band Edge Band26 15MHz QPSK RB1 0 CH26865

Keysight Spectrum Analyzer - Swept SA					
R RF 50 Ω DC Center Freq 824.000000 M	AH z	SENSE:INT	#Avg Type: RMS	02:31:57 PM Aug 16, 2024 TRACE 1 2 3 4 5 6	Frequency
Ref Offset 13.8 dB Ref 30.00 dBm	PNO: East	Trig: Free Run #Atten: 30 dB	M	kr1 824.00 MHz -28.420 dBm	Auto Tun
200 Trace 1 Pass		Λ			Center Fre 824.000000 MH
20.0			0	Λ	Start Fre 809.000000 MH
80.0 80.0 80.0	-A-	- h	h		Stop Fre 839.000000 MH
enter 824.00 MHz Res BW 200 kHz	#VBW 6	Y FU	Sweep 1	Span 30.00 MHz 1.000 ms (1001 pts)	CF Ste 3.000000 MH Auto Ma
2 3 4 5	24.00 MHz	-28.42 dBm		=	Freq Offs 0 H
6 7 8 9					Scale Typ
10					Log <u>Li</u>
sa			to STATU	s .	

Band Edge_Band26_15MHz_QPSK_RB1_74_CH26965

	n Analyzer - Swept SA					
Center Freq	849.000000 M	MHz	SENSE:INT	#Avg Type: RMS	02:34:58 PM Aug 16, 2024 TRACE 1 2 3 4 5 6	Frequency
10 dB/div R	ef Offset 13.8 dB ef 30.00 dBm	PNO: Fast ++ IFGain:Low	#Atten: 30 dB	N	TYPE A WWWWW DET A NNNNN Ikr1 849.00 MHz -28.576 dBm	Auto Tun
20.0 Trace 1	Pass		Λ			Center Free 849.000000 MH
10.0 20.0 30.0	0		_/_\1			Start Fre 834.000000 MH
40.0	^					Stop Fre 864.000000 MH
enter 849.0 Res BW 200) kHz			Sweep	Span 30.00 MHz 1.000 ms (1001 pts)	CF Ste 3.000000 MH Auto Ma
1 N 1 f 2 3 4 5 6	8	49.00 MHz	-28.576 dBm		E	Freq Offs 0 F
7 8 9						Scale Typ
10 11			т		· · ·	Log <u>Li</u>
15G				Ko Stat	us	

Band Edge_Band26_15MHz_QPSK_RB75_0_CH26865

				_			_	<u> </u>				
									Analyzer - Swe		sight !	Key
Frequency	16,2024	02:32:32 PM	pe: RMS	#0.00	ISE:INT	SEN		DC		R		R
	*****	TYP	pe. Rais		Run	Trig: Free	IO: East	000 MHz	824.000	req		
	NNNNN	DE			dB	#Atten: 3	ain:Low				S	'AS
Auto Tur	MUT	kr1 824.0	M								_	_
	dDm	-30.73	IVI						Offset 13			
	авт	-30.73						Bm	f 30.00 c	Re	3/div	0 dE
	I								ass	ce 1 🖡	Tra	20.0
Center Fre												
824.000000 Mi	_			-							-	10.0
	~~~~				prove-							0.00
					1							0.0
Start Fre					1						_	
809.000000 Mi	-+		-	-	i—					-	-	20.0
	\			_	1							30.0
	I						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m				0.0
Stop Fre									-	-		
839.000000 MI				-						~		50.0
000.000000 11				-							_	50.0
CF Ste	0 MHz	Span 30							MHz			
3.000000 M	1 pts)	.000 ms (1	Sweep 1			620 kHz	#VB		kHz	V 200	s BV	Res
Auto M		FUNCTIO	JNCTION WDTH	ICTION .		Y		x		TRC SC	vend	
		Toneno				-30.73 dE	MHz	824.00		1 f	N	
Freq Offs										-	-	2
	_									-	-	3
01	-								-	-	-	5
												6
Scale Typ					_					-	-	7
Scale Ty	_				-					-	-	8
Log L												10
h									-	_	_	11
	•				-	m				_		
			to STATU:									sa

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

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#### Band Edge Band26 15MHz QPSK RB75 0 CH26965

	m Analyzer - Swept SA								
R Center Free	RF 50 Ω DC	MHz	SENSE:IN	#Avg	Type: RMS	TRACE	Aug 16, 2024	Fr	equency
10 dB/div	tef Offset 13.8 dB Ref 30.00 dBm	PNO: Fast ++ IFGain:Low	#Atten: 30 dB		М	ver kr1 849.0	ANNNN		Auto Tune
20.0 Trace 1		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							Center Fred
30.0								834	Start Free
40.0 50.0 60.0				~		•••••		864	Stop Free
enter 849.0 Res BW 20	0 kHz		V 620 kHz	FUNCTION	Sweep 1	Span 30 .000 ms (1	<u> </u>	Auto 3	CF Step 0000000 MH Mar
1 N 1 2 3 4 5 6	f 8	49.00 MHz	-32.47 dBm						Freq Offse 0 Ha
7 8 9							=		Scale Type
10							-	Log	Lin
<			m		Ko STATU	5	,		

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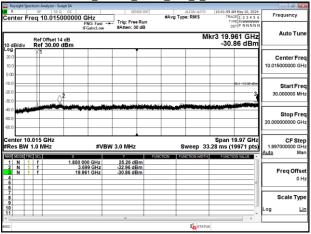
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#### SPURIOUS EMISSON AT ANTENNA TERMINALS: Δ



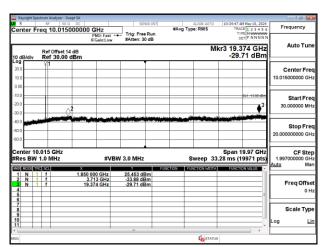
# Band2_1.4MHz_QPSK_RB1_0_CH18607

#### Band2 1.4MHz QPSK RB1 0 CH18900

Keysight Spectrum Analyzer - Swe					
Center Freq 10.0150		SENSE:INT	ALIGN AUTO #Avg Type: RMS	10:43:17 AM May 10, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
Ref Offset 14 10 dB/div Ref 30.00 d		Trig: Free Run #Atten: 30 dB	м	kr3 19.296 GHz -30.62 dBm	Auto Tur
10.0 ×1					Center Fr 10.015000000 G
30.0	2	A hard the set of the	a di su di mate li su a	541-4900-6De	Start Fr 30.000000 M
-40.0 -50.0 -60.0					Stop Fr 20.000000000 G
Center 10.015 GHz #Res BW 1.0 MHz	#VE	W 3.0 MHz	Sweep 33	Span 19.97 GHz 3.28 ms (19971 pts) FUNCTIONWAUE	CF St 1.997000000 G Auto N
1 N 1 f 2 N 1 f 3 N 1 f 5 6	1.880 GHz 3.796 GHz 19.296 GHz	24.82 dBm -32.24 dBm -30.62 dBm		E	Freq Offs 0
6 7 8 9 10 11					Scale Ty
	-			· · · · ·	
15G			Ko STATU	5	

#### Band2_1.4MHz_QPSK_RB1_0_CH19193

	ectrum Analyzer - S										
Center F	RF 50 req 10.015	000000 G	Hz		e:INT  Run	#Avg Typ	ALIGN AUTO e: RMS	TRAC	M May 10, 2024 DE 1 2 3 4 5 6 PE M WWWWW		у
10 dB/div	Ref Offset 1 Ref 30.00	IFI I4 dB	Sain:Low	#Atten: 30	dB		М	kr3 18.8	35 GHz 21 dBm		Fune
20.0 10.0	×1									Center 10.015000000	
-10.0 -20.0 -30.0		2							£t.1 -10:00 dDm	Start 30.000000	
-40.0 -50.0 -60.0										Stop 20.000000000	
Center 10 #Res BW		x	#VB\	W 3.0 MHz	FUN		weep 33	.28 ms (1	9.97 GHz 9971 pts)	CF 1.997000000 Auto	Ste D GH Ma
1 N 2 N 3 N 4 5 6	f	3.79	9 GHz 1 GHz 5 GHz	26.01 dBr -32.79 dBr -30.21 dBr	n					FreqO	offse 0 H
7 8 9 10 11										Scale ⁻ Log	Тур ⊔
MSG				ш				5	•	I	



Band2_3MHz_QPSK_RB1_0_CH18900

		n Analyzer -									-	-   0
Center			500000	0 GHz		ENSE:INT	#Avg Ty	ALIGN AL pe: RMS	TR	5 AM May 10, 2024 RACE 1 2 3 4 5 6 TYPE M WWWWW	· ·	uency
10 dB/div		ef Offset ef 30.0		PNO: Fast IFGain:Lov					Mkr3 19	.104 GHz ).59 dBm		uto Tun
20.0 10.0	)	1									Cei 10.01500	nter Fre
-10.0										0L1-10.00 dBm		tart Fre
-40.0 -50.0 -60.0	n a state										S 20.00000	top Fre
Center Res B				#V	/BW 3.0 MH	z		Sweep		19.97 GHz (19971 pts)	1.99700 Auto	CF Ste
1 N		CL f	X	1.879 GHz	26,49 (		FUNCTION	UNCTION W	IDTH FUNC	TION VALUE		
2 N 3 N 4 5		f 1		3.756 GHz 9.104 GHz	-32.91 c -30.59 c						Fr	e <b>q Offs</b> 0 I
7 8 9												ale Ty
10		-									Log	L
50								ri- e	ATUR			

#### Band2_3MHz_QPSK_RB1_0_CH19185

Keysight Spectrum Analyzer - Swe					
R RF 50 Ω Center Freq 10.0150	000000 GHz	SENSE:INT	ALIGN AUTO #Avg Type: RMS	10:37:10 AM May 10, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
Ref Offset 14		#Atten: 30 dB	м	kr3 19.301 GHz -30.92 dBm	Auto Tun
-og X1 20.0 10.0 0.00					Center Fre 10.015000000 GH
20.0	2			0L1-+19:00 4Dm	Start Fre 30.000000 Mi
40.0 50.0 60.0					Stop Fre 20.000000000 GH
Center 10.015 GHz Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep 33	Span 19.97 GHz 3.28 ms (19971 pts)	CF Ste 1.997000000 GH Auto Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 5	1.907 GHz 3.821 GHz 19.301 GHz	25.29 dBm -32.67 dBm -30.92 dBm			Freq Offs
6 7 8 9					Scale Ty
10					Log L
sa			STATU	6	

#### Band2_5MHz_QPSK_RB1_0_CH18625

#### Band2_3MHz_QPSK_RB1_0_CH18615

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# Report No.: TERF2405001348ER Page: 128 of 242

SGS	
Keysight Spectrum Analyzer - Swept SA	
C R RF 50 Ω DC	SEN
Center Freq 10.015000000 GHz	

Keysight Spectrum Analyzer - Swept SA				
enter Freq 10.015000000	0 GHz Trig: Free Run	ALIGN AUTO 10 #Avg Type: RMS	29:23 AM May 10, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
Ref Offset 14 dB	PNO: Fast +++ Trig: Free Run IFGsin:Low #Atten: 30 dB	Mkr3	19.167 GHz -30.44 dBm	Auto Tun
				Center Fre 10.015000000 GH
00 10 10 10			541-1960-40m	Start Fre 30.000000 MH
		a dan ing ang ang ang ang ang ang ang ang ang a		Stop Fre 20.00000000 GH
enter 10.015 GHz tes BW 1.0 MHz	#VBW 3.0 MHz	Sweep 33.28		CF Ste 1.997000000 GI Auto Mi
1 N 1 f 1 2 N 1 f 3	1.851 GHz 24.903 dBm 3.667 GHz -33.99 dBm 9.167 GHz -30.44 dBm			Freq Offs 0 F
6 7 8 9 9				Scale Typ
	m	<b>E</b> STATUS	· · ·	

				Ba	and	2_5	MHz_	QPS	SK_	RB1	_0_C	H189	00		
	ht Spec		nalyzer - Sw												
Cente	r Fr	RF eq 1	0.015		00 GH	łz		NSE:INT		#Avg Typ	ALIGN AUTO e: RMS	TRA	M May 10, 202	6	Frequency
						): Fast + iin:Low	#Atten:					-	PE NWWWW ET P NNNN		Auto Tune
10 dB/d	liv		Offset 14								N	19.3 lkr3 -30.	44 GHz 44 dBm		Auto Tune
Log		¥1						1						1⊢	
20.0		+		-	-			-	-			-		11	Center Freq
10.0				-	-				-			-		10.0	15000000 GHz
0.00		+		-	-		-	-	-						
-10.0	_			-	-		+	-	-				EL1-19.00 dBn	1	Start Freq
-20.0		+		2	-+		-	-	-+				▲3	11 :	30.000000 MHz
-30.0				7			a des selvites and				abu muhlur		and an addition of		
-40.0	-	-			-						a the color of the second				Stop Freq
-50.0		-		-			-	-	-		-	-	-	20.0	00000000 GHz
-60.0		-		-				-	-					20.0	0000000 GH2
Cente	- 10	016	044					<u> </u>				- Cron 4	9.97 GHz	!⊢	05.01
#Res I						#VB	W 3.0 MH;	,		s	weep 3	3.28 ms (1			CF Step 97000000 GHz
MAR NO	_	_	_	¥			v		FUNCT		ICTION WIDT		ON VALUE	Auto	Man
1 N	1	1			1.878		25.559 d		T ONCE I						
2 N 3 N		f		- 1	3.765		-32.92 d								Freq Offset
4	1					-									0 Hz
5														H-	
7	-					-		-							Scale Type
9															
10	-													Log	Lin
<							ш				- 4		-		
MSG											<b>K</b> STATE	15			

#### Band2_5MHz_QPSK_RB1_0_CH19175

🔤 Keysight Sp	ectrum Analyzer - Swept							
Center F	req 10.01500		SENSE:INT	#Avg Type	ALIGN AUTO e: RMS	TRAC	May 10, 2024	Frequency
10 dB/div	Ref Offset 14 df		#Atten: 30 dB		M	rs 19.1	TP NNNN	Auto Turn
20.0 10.0	¥1							Center Freq 10.015000000 GHz
-10.0 -20.0 -30.0	2				of sol a		0k1-10:00-sDm	Start Freq 30.000000 MHz
-40.0 -50.0 -60.0								Stop Freq 20.00000000 GHz
Center 10 #Res BW		#VB	W 3.0 MHz		weep 33	.28 ms (1		CF Step 1.997000000 GHz Auto Mar
2 N		1.906 GHz 3.824 GHz 19.134 GHz	25.05 dBm -32.80 dBm -30.78 dBm					Freq Offset 0 Hz
7 8 9 10 11							<u> </u>	Scale Type
<			m. *		<b>K</b> STATU:	6	•	

	ectrum Analyzer - Swept	I SA				
Center Fi	RF 50 Ω req 10.01500	0000 GHz	SENSE:INT	#Avg Type: RMS	10:23:49 AM May 10, 2024 TRACE 1 2 3 4 5 6	Frequency
0 dB/div	Ref Offset 14 d Ref 30.00 dE		Trig: Free Run #Atten: 30 dB	м	kr3 19.480 GHz -31.25 dBm	Auto Tun
20.0	×1					Center Fre 10.015000000 GH
10.0					0L1-13:00 dBm	Start Fre 30.000000 MH
40.0 50.0 60.0						Stop Fre 20.00000000 GH
enter 10 Res BW		#VB	W 3.0 MHz	Sweep 33	Span 19.97 GHz 3.28 ms (19971 pts)	CF Ste 1.99700000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1	1.851 GHz 3.737 GHz 19.480 GHz	25.577 dBm -33.37 dBm -31.25 dBm		=	Freq Offs 0 F
6 7 8 9 10						Scale Typ
11			m.	(Laran)	*	

## Band2_10MHz_QPSK_RB1_0_CH18900

									inalyzer - Swe		ysight !	
Frequency	May 10, 2024	TRAC	ALIGN AUTO e: RMS	#Avg Typ	Run		Hz ₩0: Fast →	00000 G	50 Q 10.0150	RF Freq '	ter	Cer
Auto Tun	22 GHz 06 dBm	r3 19.9	M			#Atten: 3	NO: Fast ↔ Sain:Low	dB	Offset 14 30.00 d		B/div	
Center Fre 10.015000000 GH										×1	$\vdash$	<b>og</b> 20.0 10.0
Start Fre 30.000000 MH	01-1-10-00-00m 3							2	0		╞	0.0
Stop Fre 20.000000000 GH			iiin dhaga									0.0 0.0 0.0
CF Ste 1.997000000 GH Auto Ma	9.97 GHz 9971 pts)	.28 ms (1	weep 33.			3.0 MHz		×	ЛНz	10.015 V 1.0 F	s BV	Re
Freq Offs 0 H	=				Bm	25.151 df -32.43 df -30.06 df	6 GHZ 1 GHZ 2 GHZ	3.73		1 f 1 f 1 f	N N N	1 2 3 4 5
Scale Typ												6 7 8 9
		1	<b>STATUS</b>		-	т				-		1

#### Band2_10MHz_QPSK_RB1_0_CH19150

	ectrum Analyzer - Swe					
Center F	RF 50 Ω	00000 GHz	SENSE:INT	ALIGN AUTO #Avg Type: RMS	10:26:12 AM May 10, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	Frequency
10 dB/div	Ref Offset 14 Ref 30.00 d		#Atten: 30 dB	м	kr3 19.508 GHz -30.85 dBm	Auto Tun
20.0 10.0	X1					Center Fre 10.015000000 GH
10.0 20.0 30.0		2			0L1-+19-00-cDm	Start Fre 30.000000 MH
40.0 50.0 60.0						Stop Fre 20.00000000 GH
	0.015 GHz 1.0 MHz	#VE		Sweep 33	Span 19.97 GHz 3.28 ms (19971 pts) FUNCTION WAVE	CF Ste 1.997000000 GH Auto Ma
2 N 3 N 4		1.901 GHz 3.774 GHz 19.508 GHz	25.776 dBm -33.46 dBm -30.85 dBm		=	Freq Offs 0 H
6 7 8 9						Scale Typ
10						Log L
<				STATU:	s .	

#### Band2_10MHz_QPSK_RB1_0_CH18650

# Band2_15MHz_QPSK_RB1_0_CH18675

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S	GS	
Keysight S	pectrum Analyzer - Swept SA	
R R	85 50.0 00	_

Keysight Spectrum Analyzer - Swept SA							
Center Freq 10.01500000	0 GHz	SENSE:IN	#Avg	ALIGN AUTO Type: RMS	TRACE	May 10, 2024	Frequency
Ref Offset 14 dB 10 dB/div Ref 30.00 dBm	PNO: Fast +++ IFGain:Low	#Atten: 30 dB		M	kr3 19.9	18 GHz 0 dBm	Auto Tune
Log X1 20.0 10.0 0.00							Center Free 10.015000000 GH:
-10.0 -20.0 -30.0				- brither sites in		3 <u>41-19:00 dDn</u> 3	Start Free 30.000000 MH
-40.0							Stop Fre 20.000000000 GH
Center 10.015 GHz #Res BW 1.0 MHz	#VBW	3.0 MHz		Sweep 33	.28 ms (19		CF Step 1.997000000 GH Auto Ma
2 N 1 f	1.851 GHz 3.724 GHz 9.918 GHz	26.160 dBm -33.07 dBm -31.20 dBm	FUNCTION	FUNCTION WDTH	FUNCTIO		Freq Offse
7 8 9 10 11							Scale Type
K MSG		ш		Ko STATUS		,	

		Band2	_15N	/Hz_(	QPSK	(_RB1	0_0	CH189	00		
	ctrum Analyzer - Swe									- 0	] @   ×
Center Fr	RF 50 Q req 10.0150		Z	SEN	Run	#Avg Typ	ALIGN AUTO e: RMS	TRAC	H May 10, 2024 E 1 2 3 4 5 6 E M WWWWWW		ency
		IFGai		#Atten: 30	) dB			D	PNNNN		_
10 dB/div	Ref Offset 14 Ref 30.00 d						М		91 GHz 92 dBm	Au	to Tune
Log	¥1										
20.0											ter Freq
10.0										10.015000	000 GHZ
0.00											
-10.0			-						64.1 - 19:00 dBm		art Freq
-20.0		2							▲3 -	30.000	000 MHz
-30.0	and an and a second		والمتعادية	an and a second	المتحم ومغاذلتنا	والمرابعة والمحمد	بنبا والمقدم فحموان		<b>And Press</b>		
-40.0				201020-000						St	op Freq
-50.0										20.000000	0000 GHz
-60.0											
Center 10 #Res BW			#VBW	3.0 MHz		s	weep 33	Span 1 .28 ms (1	9.97 GHz 9971 pts)	1.997000	CF Step
MAR MODE TH	ici sei l	X		Y	FUNC		CITION WOTH			Auto	Man
1 N 1	1	1.874 0	GHz	26.033 dE	3m						
2 N 1 3 N 1		3.757 0		-32.84 dB -30.92 dB	lm Im				_	Fre	q Offset
4 5	-										0 Hz
6											
7 8 9					-				_	Sca	le Type
9					-						
11										Log	Lin
< MSG							<b>STATU</b>		,		
110-0							No.	-			

# Band2_15MHz_QPSK_RB1_0_CH19125

🔤 Keysight	Spectrum Analyz					_					
Center	Freq 10.0	50 Q DC		SENS		#Avg Typ	ALIGN AUTO e: RMS	TRAC	M May 10, 2024		requency
10 dB/div		et 14 dB	PNO: Fast + IFGain:Low	#Atten: 30			M	⊳ kr3 19.1	67 GHz 90 dBm		Auto Tune
20.0 10.0	×1										Center Freq 5000000 GHz
-10.0 -20.0 -30.0		2							51-1-10:00-dDm	30	Start Freq 0.000000 MHz
-40.0 -50.0 -60.0										20.00	Stop Freq 0000000 GHz
	10.015 GH W 1.0 MHz		#VB	W 3.0 MHz	FUN		weep 33	.28 ms (1	9.97 GHz 9971 pts)		CF Step 7000000 GHz Mar
1 N 2 N 3 N 4	1 1 1 1 1 1	3	.896 GHz .769 GHz .167 GHz	26.354 dB -33.67 dB -30.90 dB	m						Freq Offsel 0 Ha
6 7 8 9 10 11									<u> </u>	Log	Scale Type
<				m			<b>K</b> ostatu:	6			

	pectrum Analyzer -										
a R Center F		5000000 G	Hz		SE:INT	#Avg Typ	ALIGN AUTO e: RMS	TRA	M May 10, 2024 CE 1 2 3 4 5 6		quency
10 dB/div	Ref Offset Ref 30.0	IF 14 dB	NO: Fast ↔ Gain:Low	#Atten: 30			М	kr3 19.7	30 GHz		Auto Tun
20.0 10.0	×1										enter Fre 000000 GH
20.0		े ²							0L1-19.00 dBm	30.	Start Fre
40.0 50.0 60.0				a hara ya mata da bi hara ya mata d						20.000	Stop Fre
	0.015 GHz V 1.0 MHz	×	#VBV	V 3.0 MHz	FUN		weep 33	.28 ms (1	9.97 GHz 9971 pts)	1.997 Auto	CF Ste 000000 GI Ma
1 N 2 N 3 N 4 5	1 f 1 f 1 f	3.72	51 GHz 23 GHz 10 GHz	26.110 dB -33.00 dB -30.86 dB	m				_	F	req Offs 0 H
6 7 8 9										5	Scale Typ
10				т					•	Log	Ц
150							The STATUS				

## Band2_20MHz_QPSK_RB1_0_CH18900

									inalyzer - Swe		ysight S	
Frequency	21 AM May 10, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	TRA	ALIGN AUTO	#Avg	NSE:IN		Hz	00000 0	50 Q 10.0150	RF Freq '	ter	Cer
Auto Tune	9.392 GHz 1.33 dBm	Ikr3 19.3	М			#Atten: 3	NO: Fast ↔ Sain:Low	dB	Offset 14 30.00 c		B/div	
Center Free 10.015000000 GH:										×1		20.0 10.0
Start Fre 30.000000 MH	0L1-10.00 dBm							2	0			10.0 20.0 30.0
Stop Fre 20.000000000 GH											**	40.0 50.0 50.0
CF Ste 1.997000000 GH Auto Ma	n 19.97 GHz (19971 pts)	3.28 ms (1	weep 33	JNCTION	:	3.0 MHz		×	ЛНz	0.015	s BV	Re
Freq Offse 0 ⊦					Bm	26.104 d -32.32 d -31.33 d	1 GHz 7 GHz 2 GHz	3.74		1 1 1 f 1 f	N N N	1 2 3 4 5
Scale Typ												6 7 8 9
	· · ·	1			T						-	11
		us										sa

#### Band2_20MHz_QPSK_RB1_0_CH19100

									Analyzer - Swe			
Frequency	M May 10, 2024 CE 1 2 3 4 5 6 PE M WWWWW	TRAC	ALIGN AUTO e: RMS	#Avg Ty	Run		Hz	00000 G		^{R∉}		Cer
Auto Tune	50 GHz 38 dBm	kr3 19.4	м			#Atten: 3	Sain:Low	dB	Offset 14		B/div	
Center Free 10.015000000 GH									1	X		20.0 10.0
Start Fre 30.000000 MH	0L1-13:00 dBm		-					2	Q			10.0 20.0
Stop Fre 20.000000000 GH											-	40.0 50.0 60.0
CF Ste 1.997000000 GH Auto Ma	9.97 GHz 9971 pts)	.28 ms (1	weep 33			3.0 MHz		×	MHz	10.015 N 1.0	s Bl	Re
Freq Offse 0 H					3m	25.662 d -32.74 d -31.38 d	1 GHz 3 GHz 0 GHz				NNN	1 2 3 4 5 6
Scale Typ											_	7 8 9
Log <u>Li</u>	*				-	m						10 11
												tSG

#### Band2_20MHz_QPSK_RB1_0_CH18700

# Band4_1.4MHz_QPSK_RB1_0_CH19957

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SGS	
Keysight Spectrum Analyzer - Swept SA	
Reysignt opectrum Analyzer - swept SA	
Center Freq 10.015000000 GHz PNO: Fast ++- IFGsin:Low #Atten: 30 dB	#A
Ref Offset 14 dB 10 dB/div Ref 30.00 dBm	
20.0 V1	
20.0	

Frequency	E 1 2 3 4 5 6 MWWWWW T P N N N N N	THE	e:RMS	#Avg Typ		Trig: Free	NO: Fast	00000	0.0150	eq ′	er Fr	ent
Auto Tur	-1	kr3 19.4	M		0 dB	#Atten: 3	Gain:Low	dB	Offset 14 30.00 (		/div	0 dB
Center Fre 10.015000000 GF												og 20.0 10.0
Start Fre 30.000000 MH	0.1 -10:00 dDm											10.0 20.0 30.0
Stop Fre 20.00000000 Gi												40.0 50.0 50.0
CF Ste 1.997000000 G Auto M		8.28 ms (1	weep 33		FUN	/ 3.0 MHz	#VB	×	ЛНz	1.0 1	er 10. BW 1	Res
Freq Offs 0	_				3m 3m	23.68 dl -34.23 dl -30.73 dl	11 GHz 20 GHz 17 GHz	3.4		1 †		1 2 3 4 5
Scale Typ												6 7 8 9
Log L											+	10

		Band4_1	I.4MHz_C	PSK_RB	1_0_C	H2017	5	
	Spectrum Analyzer - S							
Center	RF 50 Freq 10.015	5000000 GHz	SENSE	#Avg Typ	ALIGN AUTO	10:54:15 AM Ma TRACE 1	23456	Frequency
		PNO: Fas IFGain:Lo					NNNNN	Auto Tune
10 dB/div	Ref Offset 1 Ref 30.00				M	kr3 19.147 -30.50		Auto Tune
20.0	¥1							Center Freq
10.0							_	10.015000000 GHz
0.00			_				_	
-10.0						E4.1 -	19.00 dDm	Start Freq
-20.0	0	2					<b>♦</b> ³	30.000000 MHz
-40.0	للحجاب المس		والمراجعة والمحاوي المحاوي الم	مرجع فيأصف فأن	Win temps		, and the second	
-50.0							_	Stop Freq 20.00000000 GHz
-60.0							_	20.0000000000000
	10.015 GHz					Span 19.9		CF Step
	V 1.0 MHz	#1	VBW 3.0 MHz			.28 ms (1997		1.997000000 GHz Auto Man
MRR MODE	1 1	× 1.732 GHz		n	NCTION WIDTH	FUNCTION W	ALUE A	
2 N 3 N	1 f 1 f	3.465 GHz 19.147 GHz						Freq Offset
4 5								0 Hz
6 7							-	Scale Type
8 9 10							=1	
10							-	Log <u>Lin</u>
MSG					<b>STATUS</b>		,	

# Band4_1.4MHz_QPSK_RB1_0_CH20393

	ectrum Analyzer - Swept							- 0 0 <b>-</b>
Center F	RF 50 Q req 10.01500	DC DOODO GHz	SENSE:INT	#Avg Typ	ALIGN AUTO e: RMS	TYPE	123456	Frequency
10 dB/div	Ref Offset 14 d Ref 30.00 dB	IFGain:Low	#Atten: 30 dB		M	ver kr3 18.80	PNNNNN	Auto Tune
20.0 10.0	×1							Center Freq 10.015000000 GHz
-10.0 -20.0 -30.0	2				anothic and a		3	Start Freq 30.000000 MHz
-40.0 -50.0 -60.0								Stop Freq 20.00000000 GHz
Center 10 #Res BW		#VB	W 3.0 MHz		weep 33	Span 19 .28 ms (19	971 pts)	CF Step 1.997000000 GHz Auto Mar
1 N 2 N 3 N 4 5 6	f	1.754 GHz 3.508 GHz 18.805 GHz	25.12 dBm -34.65 dBm -30.73 dBm					Freq Offset 0 Hz
7 8 9 10 11							<u> </u>	Scale Type
MSG						6	•	

Keysight Spectrum Analyzer - Swept SA				
R RF 50 Ω DC	0 GHz	#Avg Type: RMS	11:23:52 AM May 10, 2024 TRACE 1 2 3 4 5 6	Frequency
Ref Offset 14 dB	PNO: Fast	м	kr3 19.419 GHz -30.70 dBm	Auto Tun
				Center Fre 10.015000000 GH
00 00 00 00			0L1-10.00 dBm	Start Fre 30.000000 MH
				Stop Fre 20.00000000 GH
enter 10.015 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 33	Span 19.97 GHz 3.28 ms (19971 pts) FUNCTIONWAUE	CF Ste 1.997000000 Gi Auto M
2 N 1 f	1.711 GHz 25.37 dBm 3.437 GHz -32.62 dBm 9.419 GHz -30.70 dBm		=	Freq Offs 01
0 7 8 9 10				Scale Typ

## Band4_3MHz_QPSK_RB1_0_CH20175

Keysight Spe	ectrum Analyze										
		50 Ω DC	GHz		SE:INT	#Avg Typ	ALIGN AUTO e: RMS	TRAC	M May 10, 2024 E 1 2 3 4 5 6 PE M WWWWW	F	requency
10 dB/div	Ref Offs Ref 30.	li	PNO: Fast ↔ Gain:Low	#Atten: 30			м	⊳ kr3 19.2	40 GHz		Auto Tune
20.0	×1										Center Free 5000000 GH:
20.0									0L1-13:00 dBm	30	Start Free 0.000000 MH
10.0 50.0 50.0										20.00	Stop Fre 0000000 GH
	0.015 GHz 1.0 MHz	×		V 3.0 MHz	FUNC		weep 33	.28 ms (1	9.97 GHz 9971 pts)	1.99 Auto	CF Ste 7000000 GH Ma
1 N 1 2 N 1 3 N 1 4 5 6	f	3.4	31 GHz 82 GHz 40 GHz	25.94 dB -32.71 dB -30.70 dB	m				_		Freq Offse 0 H
7 8 9 10					-				=	Log	Scale Typ
11	- 1			m							<u>L1</u>
sa								1			

#### Band4_3MHz_QPSK_RB1_0_CH20385

	ectrum Analyzer - Swej						- 0 0 <b>-</b>
Center F	req 10.0150		SENSE	#A)	ALIGN AUTO	11:26:15 AM May 10, 2 TRACE 1 2 3 4 TYPE MWWW	5 6 Frequency
10 dB/div	Ref Offset 14 Ref 30.00 d				M	Ikr3 18.751 GH -30.90 dB	Auto Tune
20.0 10.0	×1						Center Fre 10.015000000 GH
-10.0					la land	011-19.00 d	Start Fre 30.000000 MH
-40.0 -50.0 -60.0							Stop Fre 20.000000000 GH
Res BW		x	BW 3.0 MHz	FUNCTION	Sweep 3	Span 19.97 Gi 3.28 ms (19971 pi FUNGHON WALLE	Hz CF Ste 1.997000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1	1.752 GHz 3.505 GHz 18.751 GHz	26.43 dBn -32.99 dBn -30.90 dBn	1			Freq Offse
7 8 9							Scale Typ
10			m		-		- Log Li
4					Ko STATL	is	

## Band4_3MHz_QPSK_RB1_0_CH19965

# Band4_5MHz_QPSK_RB1_0_CH19975

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Signature Series Series

	May 10, 2024				ISE:INT			DC DC	Analyzer - Swe 50 Q	RF	tysight !
Frequency	E 1 2 3 4 5 6	TRAC	ALIGN AUTO e: RMS	#Avg Type			Hz	00000			nter
Auto Tu	63 GHz	r3 19.1	м			#Atten: 3	NO: Fast Gain:Low	dB	Offset 14		B/div
Center Fr 10.015000000 G									30.00 (	X1	
Start Fr	0 <del>1-19:00 dDn</del>										
30.000000 M	<b>↓</b> ³		Magyinidaji	الجورية الح		در زوار وال		والم المراجع	$\Diamond^2$		
Stop Fr 20.000000000 G											
CF St 1.997000000 G Auto M	<u> </u>	.28 ms (1	weep 33			V 3.0 MHz	#VE		MHz	0.015 V 1.0 I	s Bi
Freq Offs		FUNCTION	CTION WIDTH	TION	3m 8m	24.76 dE -34.03 dE -31.06 dE	11 GHz 21 GHz 33 GHz	3.4		1 f 1 f 1 f	N N N
Scale Ty					-					+	
Log j	•					ш					
			<b>G</b> STATUS								

	E	Band4_8	5MHz_Q	PSK_	RB1	0_C	H2017	75	
	ectrum Analyzer - Swept S								
Center Fr	reg 10.015000		SENS		#Avg Type	ALIGN AUTO e: RMS	TRAC	E 1 2 3 4 5 6	Frequency
		PNO: Fast IFGain:Low	#Atten: 30				DE		Auto Tune
10 dB/div	Ref Offset 14 dB Ref 30.00 dBr					Ν	4kr3 3.8/ -30.8	52 GHz 33 dBm	Auto Tune
20.0	¥1								
10.0									Center Freq 10.015000000 GHz
0.00									10.015000000 GHz
-10.0								06.1 -10.00 dDm	
-20.0								Et-19.00 dDm	Start Freq
-20.0									30.000000 MHz
-40.0		متنيحا وبشياتك	والم ومغربة العالي بي	فيجز والمراجع	والم المراجع	inin at a second	and a print	-	
-50.0									Stop Freq
-60.0									20.00000000 GHz
-60.0									
Center 10 #Res BW								9.97 GHz	CF Step
		#V	BW 3.0 MHz			· ·	.28 ms (1		1.997000000 GHz Auto Man
MKR MODE TH		1.730 GHz	24.86 dBr	FUNCT	ION FUN	CTION WDTH	FUNCTION	IN VALUE	
2 N 1 3 N 1		3.491 GHz 3.852 GHz	-33.96 dBr -30.83 dBr	m					Freq Offset
4	1	3.852 GHZ	-30.83 dBr	m					0 Hz
6	+ +			+				E	
7 8									Scale Type
9				-	_				
10				-					Log <u>Lin</u>
<						-		-	
MSG						<b>K</b> STATU:			

# Band4_5MHz_QPSK_RB1_0_CH20375

Keysight Spe	ectrum Analyzer - Swept							- Ø ×
Center F	RF 50 Q req 10.01500		SENSE:INT	#Avg Typ	ALIGN AUTO e: RMS	TRACE	May 10, 2024	Frequency
10 dB/div	Ref Offset 14 d Ref 30.00 dl		#Atten: 30 dB		М	ver kr3 19.17	PNNNN	Auto Tune
20.0 10.0	X1							Center Freq 10.015000000 GHz
-10.0 -20.0 -30.0	2 2				ubbul .		L1-1900-dDm	Start Freq 30.000000 MHz
-40.0 -50.0 -60.0								Stop Freq 20.00000000 GHz
Center 10 #Res BW	1.0 MHz	#VB	W 3.0 MHz		weep 33	.28 ms (19	<u> </u>	CF Step 1.997000000 GHz Auto Mar
1 N 1 2 N 1 3 N 1 4 5 6		1.751 GHz 3.510 GHz 19.176 GHz	25.58 dBm -34.45 dBm -31.48 dBm					Freq Offset 0 Hz
6 7 8 9 10 11								Scale Type
* MSG			m		<b>K</b> STATU:	5	•	

	ectrum Analyzer -										
Center F		5000000 C	GHz		SE:INT	#Avg Typ	ALIGN AUTO	TRA	CE 1 2 3 4 5 6	Fr Fr	equency
0 dB/div	Ref Offset Ref 30.0	14 dB	NO:Fast ∺ Gain:Low	#Atten: 30			м	kr3 19.0	057 GHz	1	Auto Tun
og 20.0 10.0	XI										enter Fre
20.0		2							0L1-40.00 dBm	30	Start Fre
0.0 0.0 0.0					in Program					20.000	Stop Fre
	0.015 GHz 1.0 MHz	×	#VB\	N 3.0 MHz	FUN	S ICTION FU	· ·	.28 ms (	19.97 GHz 19971 pts)		CF Ste 1000000 GF Ma
1 N 1 2 N 1 3 N 1 4 5		3.4	11 GHz 22 GHz 57 GHz	25.05 dB -34.56 dB -30.85 dB	m				=	,	Freq Offs 0 H
6 7 8 9									=	Log	Scale Typ
11				m	1		1 STATE		•	LUg	L

## Band4_10MHz_QPSK_RB1_0_CH20175

									Analyzer - Swe		ysight	Ke
Frequency	M May 10, 2024 E 1 2 3 4 5 6 E M WWWWW	TRAC	ALIGN AUTO e: RMS	#Avg Typ	Run		Hz ₩0: Fast →	00000 G		[®] Freq	ter	
Auto Tun	64 GHz 06 dBm	kr3 18.8	M		) dB	#Atten: 3	Sain:Low	dB	'Offset 14 f 30.00 d		B/div	
Center Fre 10.015000000 GH										×1	⊢	.0g 20.0 10.0 0.00
Start Fre 30.000000 MH	0L1-13:00 dBm										E	10.0 20.0 30.0
Stop Fre 20.00000000 GH			ii kiiten aji							<del>ابلو</del> يي	~	10.0 50.0 50.0
CF Ste 1.99700000 GH Auto Ma	9.97 GHz 9971 pts)	.28 ms (1	weep 33.		FUN	3.0 MHz	#VBV	×	MHz	10.015 V 1.0	s Bl	Re
Freq Offs 0 H					Bm	26.42 df -34.12 df -31.06 df	8 GHz 5 GHz 4 GHz	3.43		1 1 1 1 1	NNN	1 2 3 4 5
Scale Typ										+		6 7 8 9
	*				-					- 1	-	11
			<b>K</b> STATUS									a

#### Band4_10MHz_QPSK_RB1_0_CH20350

	ectrum Analyzer - Swe						
Center F	RF 50 Ω req 10.0150	00000 GHz PNO: Fast	SENSE:IN	#Avg Ty	ALIGN AUTO pe: RMS	11:15:28 AM May 10, 202 TRACE 1 2 3 4 5 TYPE MWWWW	Frequency
10 dB/div	Ref Offset 14 Ref 30.00 (	IFGain:Low	#Atten: 30 dB		м	kr3 19.150 GHz -30.85 dBr	Auto Tune
20.0 10.0	×1						Center Fre 10.015000000 GH
20.0	0 ²					0L1-10.00 dBr	Start Fre 30.000000 MH
40.0 50.0 60.0							Stop Fre 20.00000000 GH
	0.015 GHz 1.0 MHz	#VI	BW 3.0 MHz		Sweep 33	Span 19.97 GHz 28 ms (19971 pts	
1 N 1 2 N 1 3 N 1 4 5		1.746 GHz 3.491 GHz 19.150 GHz	26.54 dBm -33.28 dBm -30.85 dBm				Freq Offs 0 F
6 7 8 9							Scale Typ
11		-					Log Li
tSG					🕼 STATU:	3	

#### Band4_10MHz_QPSK_RB1_0_CH20000

# Band4_15MHz_QPSK_RB1_0_CH20025

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									inalyzer - Swe	pectrum	ysight !	Ke
Frequency	M May 10, 2024	TRAC	ALIGN AUTO e: RMS	#Avg Typ	ISE:INT	SEI	SHz	00000 0	50 Q	RF Freq	ter	Cen
Auto Tune	73 GHz 29 dBm	kr3 19.7	М			#Atten: 3	NO: Fast ↔ Gain:Low	dB	Offset 14 ' 30.00 c		B/div	
Center Fred 10.015000000 GHz										¥1		20.0 10.0 0.00
Start Free 30.000000 MHz	561-13:00-03m	-			2.01.1	l di colt se tri		uluted at	$\langle \rangle^2$			-10.0 -20.0 -30.0
Stop Freq 20.00000000 GHz												-40.0 -50.0 -60.0
	9.97 GHz 9971 pts)	.28 ms (1				3.0 MHz	#VBW		ЛНz	0.015 V 1.0 I	s BV	#Re
Freq Offset 0 Hz		FUNCTI	ICTION WIDTH	CTION FUN	3m 3m	24.86 dl -34.53 dl -31.29 dl	11 GHz 02 GHz 73 GHz	3.4		1 1 1 f 1 f	N N N	1 2 3 4 5 6
Scale Type												7 8 9
Log Lin					+							10
L	,		<b>K</b> STATUS									ASG

		Band	4_15	MHz_0	QPSł	K_RB1	0_0	CH201	75		
	ctrum Analyzer - Swe									- 0	] @ <mark> </mark> X
Center Fr	RF 50 Q req 10.0150		Hz 0: Fast ++	Trig: Free		#Avg Typ	ALIGN AUTO e: RMS	TRA	M May 10, 2024 DE 1 2 3 4 5 6 PE M WWWWW		ency
			ain:Low	#Atten: 30	dB			-	ET P NNNN		
10 dB/div	Ref Offset 14 Ref 30.00 d						N	1kr3 19.2 -31.	233 GHz 23 dBm	AU	ito Tune
Log	¥1										
20.0											ter Freq
10.0										10.01500	0000 GHz
0.00											
-10.0									54.1 -19.00 dDm	St	artFreq
-20.0	2							+	▲3	30.00	0000 MHz
-30.0				والمرجح الاربعر وحر	shelt because		and the second second				
-40.0			all and the second		the block hit of the			and an opposite of the second			op Freq
-50.0	-									20.00000	
-60.0										20.00000	0000 0112
Center 10	015 GHz							Snan 1	9.97 GHz		CF Step
#Res BW			#VBV	V 3.0 MHz		S	weep 3	3.28 ms (1		1.99700	DOOD GHz
MAR MODE TH	ci scil	x		Y	FUN	TION	ICTION MOT	H FUNCT		Auto	Man
1 N 1	1		GHz	26.22 dB	m						
2 N 1 3 N 1		3.451	GHz	-34.26 dB -31.23 dB	m m				_	Fre	qOffset
4											0 Hz
6					-						
7 8 9										Sci	ale Type
9					-						
11										Log	Lin
<							~		•		
MSG								US			

# Band4_15MHz_QPSK_RB1_0_CH20325

🔤 Keysight Spe	ectrum Analyzer - Swept	SA		_				
Center F	RF 50 Q req 10.01500		SENSE:INT	#Avg Typ	ALIGN AUTO e: RMS	11:08:04 AM TRACE	May 10, 2024	Frequency
10 dB/div	Ref Offset 14 dl Ref 30.00 dB		#Atten: 30 dB		М	kr3 19.76	PNNNNN	Auto Tune
20.0 10.0	×1							Center Fred 10.015000000 GHz
-10.0 -20.0 -30.0						D D	L1-13:00 dDm	Start Free 30.000000 MHz
-40.0 -50.0 -60.0								Stop Free 20.00000000 GH2
Center 10 #Res BW	1.0 MHz	#VB	W 3.0 MHz		weep 33	Span 19 .28 ms (19	971 pts)	CF Step 1.997000000 GH: Auto Mar
1 N 1 2 N 1 3 N 1 4 5 6		1.741 GHz 3.482 GHz 19.763 GHz	25.69 dBm -33.22 dBm -31.14 dBm				_	Freq Offse
7 8 9 10 11							<u> </u>	Scale Type
MSG			m		<b>K</b> STATU:	5	-	

	ectrum Analyzer - Sw						
Center Fi	RF 50 G	000000 GHz	SENSE	#Avg T	ALIGN AUTO	11:00:11 AM May 10, 2 TRACE 1 2 3 4 TYPE M WWW	5.6 Frequency
0 dB/div	Ref Offset 14		Trig: Free Ri #Atten: 30 dl		м	kr3 19.274 GH -30.69 dB	Auto Tun
og 20.0 10.0							Center Fre 10.015000000 GH
10.0						DL1-13.00 d	En Start Fre 3 - 30.000000 MH
0.0 0.0 0.0							Stop Fre 20.00000000 GH
	0.015 GHz 1.0 MHz	X	BW 3.0 MHz	FUNCTION		Span 19.97 Gi 28 ms (19971 pi FUNCTION WALUE	1.997000000 GH
1 N 1 2 N 1 3 N 1 4 5	f	1.711 GHz 3.423 GHz 19.274 GHz	24.59 dBm -34.80 dBm -30.69 dBm				Freq Offs 0 H
6 7 8 9							Scale Typ
11			π		- STATIC	•	*

## Band4_20MHz_QPSK_RB1_0_CH20175

Keysight Sp		Analyzer - Swe										
Center F	req		00000 G	Hz		SE:INT	#Avg Ty	ALIGN AUTO pe: RMS	TRAC	M May 10, 2024		requency
10 dB/div		Offset 14	dB	NO:Fast ↔ Sain:Low	#Atten: 30			М	⊳ kr3 18.3	57 GHz 99 dBm		Auto Tune
20.0 10.0	ŶĨ	1 30.00 0										Center Freq 5000000 GHz
-10.0										0L1-10.00 dBm	30	Start Freq 0.000000 MHz
-40.0	ي البير ا		يندني ⁽¹ 122)								20.00	Stop Freq 0000000 GHz
Center 1 #Res BW	1.0	MHz	×	#VB\	V 3.0 MHz	ELN		Sweep 33	1.28 ms (1	9.97 GHz 9971 pts)		CF Step 7000000 GHz Man
1 N 1 2 N 1 3 N 1			3.44	4 GHz 7 GHz 7 GHz	26.29 dB -33.80 dB -30.99 dB	m						Freq Offsel 0 Ha
5 6 7 8 9	+					-						Scale Type
10	+					-					Log	Lin
ASG									5			

#### Band4_20MHz_QPSK_RB1_0_CH20300

	ectrum Analyzer - Si							000
Center F	RF 50 1 req 10.015	000000 GHz	SENSE:INT	#Avg Type	RMS	11:02:34 AM May 10 TRACE 1 2 3 TYPE MWW	456	Frequency
10 dB/div	Ref Offset 1 Ref 30.00		Trig: Free Run #Atten: 30 dB		м	kr3 19.106 G -31.22 d	Hz	Auto Tune
20.0 10.0	×1							Center Free 10.015000000 GH
-10.0		2				011-13.0	9-dBm 3	Start Fre 30.000000 MH
-40.0 -50.0 -60.0							_	Stop Fre 20.000000000 GH
Center 10 #Res BW		#VE	BW 3.0 MHz		weep 33	Span 19.97 ( .28 ms (19971	pts)	CF Ste 1.997000000 GH Auto Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1	1.736 GHz 3.497 GHz 19.106 GHz	26.59 dBm -33.84 dBm -31.22 dBm			PONCTON MADE		Freq Offse 0 H
6 7 8 9								Scale Typ
10							-	Log <u>Li</u>
4 Land						1	,	

#### Band4_20MHz_QPSK_RB1_0_CH20050

# Band5_1.4MHz_QPSK_RB1_0_CH20407

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Frequency	MMay 10, 2024 E 1 2 3 4 5 6 PE N N N N N ET P N N N N N	TRAC	ALIGN AUTO e: RMS	#Avg Typ	ENSE:INT		Hz ≥NO: Fast ←	DC	Analyzer - Sw 50 Ω 5.01500	RF		R
Auto Tune	69 GHz	1kr3 3.7	N		30 dB	#Atten:	Gain:Low		Offset 13		3/div	
Center Free 5.015000000 GHz									1 30.00 0	×1	sjaiv	20.0 10.0
Start Freq 30.000000 MHz	56.1-49.00 dDm					2					_	0.00 10.0 20.0
Stop Freq	an i shikin	الرينية في الم	مزدرة في _{لي} ونظور		-				¢2		-	30.0 40.0 50.0
CF Step 997.000000 MH2	.970 GHz 9971 pts)		Sweep 1		z	V 3.0 MH;	#VB			.015 1.0		
Auto Man Freq Offset 0 Hz	ON VALUE	FUNCTIO	CTION WIDTH	CTION FUN	iBm iBm	25.96 d -36.52 d -31.60 d	00 MHz 27 GHz 69 GHz	1		RC 50 1 1 1 1 1 1	N N N	1
Scale Type												6 7 8 9
Log <u>Lir</u>												11

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									Analyzer - Swe		🔤 Keysig
Frequency	123456	02:03:12 PM TRAC	ALIGN AUTO e: RMS	#Avg Ty	ENSE:INT		iHz	DC	5.01500	Frea	a R Cente
Auto Tun	3 GHz B dBm	/kr3 3.2	1			Trig: Fre #Atten: 3	PNO: Fast FGain:Low	.8 dB	Offset 13	Ref v <b>R</b> ef	10 dB/
Center Fre 5.015000000 GH										×1	20.0 10.0
Start Fre 30.000000 MH	1-19:00 dDn						<b>♦</b> ³		് <mark>2</mark>		-10.0 -20.0 -30.0
Stop Fre 10.000000000 GH								1	an a		-40.0 -50.0 -60.0
CF Ste 997.000000 MH Auto Ma	971 pts)	Span 9. 6.62 ms (9	Sweep 1		-	W 3.0 MHz	#VE	×	MHz	5.015 ( W 1.0 (	#Res
Freq Offse 0 H					Bm	26.04 d -36.71 d -32.68 d	36 MHz 57 GHz 213 GHz	1.6			1 N 2 N 3 N 4 5
Scale Typ	=				-		-				7 8 9
Log <u>Li</u>											10
1											tSG

Band5_1.4MHz_QPSK_RB1_0_CH20643

	ctrum Analyzer - S									
Center F	RF 501 req 5.0150	00000 GH	IZ NO:Fast ↔	SENS		#Avg Typ	ALIGN AUTO e: RMS	TRAC	MMay 10, 2024	<u> </u>
10 dB/div	Ref Offset 1 Ref 30.00	3.8 dB	¥O: Fast ↔ Sain:Low	#Atten: 30	dB		1	.¤ Mkr3 3.7	33 GHz 44 dBm	Auto Tun
20.0 10.0	¥1									Center Fre 5.015000000 GH
-10.0		2	•	3					0t.1-19:00 dDm	Start Fre 30.000000 MH
-40.0 -50.0 -60.0	wine were the				بي زادين ا					Stop Fre 10.000000000 GH
Center 5. #Res BW	1.0 MHz	×		V 3.0 MHz		CTION FUR	<u> </u>	6.62 ms (	.970 GHz 9971 pts)	CF Ste 997.000000 MH Auto Ma
1 N 1 2 N 1 3 N 1 4 5	f	1.71	8 MHz 0 GHz 3 GHz	25.42 dBr -36.11 dBr -32.44 dBr	n					Freq Offse 0 H
6 7 8 9 10 11										Scale Typ
MSG				m			Kostatu	s		

	ectrum Analyzer - 1										
R Renter F	^{RF} 50 req 5.0150	000000 GH	z	SENSE:II	##	vg Type	RMS	TRA	M May 10, 2024 E 1 2 3 4 5 6	- Fr	equency
0 dB/div	Ref Offset	13.8 dB		Trig: Free Ru #Atten: 30 dB	1		N	/kr3 3.8	60 GHz	1	Auto Tun
og 20.0 10.0	×1										Center Fre 5000000 GH
0.0		2	\$ ³						0L1~13.00 dBm	30	Start Fre
0.0 0.0 0.0						-	in Million ( filing)			10.00	<b>Stop Fre</b> 0000000 GF
	015 GHz 1.0 MHz	×	#VBW 3	.0 MHz	FUNCTION		Sweep 1	6.62 ms (	.970 GHz 9971 pts)		CF Ste .000000 Mi Mi
1 N 1 2 N 1 3 N 1 4 5	f f f	824 1.675 3.860	GHz	25.94 dBm 36.27 dBm 32.10 dBm							Freq Offs 0 I
6 7 8 9											Scale Typ
11	11			т		1	E STATU		•	Log	L



Keysight Spe													
R Center F	RF req 5.	50 Q 01500				NSE:INT	#Avg	Type	IGN AUTO	TRA	M May 10, 2024	5   F	requency
0 dB/div		ffset 13 <i>)</i> 30.00 d	B dB	NO: Fast ↔ Sain:Low	#Atten: 3	0 dB			N	ء 1kr3 3.8	53 GHz 31 dBm		Auto Tun
og 20.0 10.0	×1												Center Fre 15000000 GH
0.0		^2		•	3						Dt:1-+10:00 dBm	3	Start Fre
0.0 0.0 0.0		ليفتين	<del>ار شانار کشو</del> ر					1000				10.0	Stop Fre
enter 5. Res BW	1.0 M		×	#VBV	/ 3.0 MHz		NOTION	_	weep 1	6.62 ms	.970 GHz 9971 pts	99 Auto	CF Ste 7.000000 MH Ma
1 N 1 2 N 1 3 N 1 4	1		83 1.66	5 MHz 9 GHz 3 GHz	26.09 d -36.67 d -32.31 d	Bm Bm	NOTION			PONCT			Freq Offse 0 ⊦
6 7 8 9													Scale Typ
10				_		-						Log	Li
ю													

Band5_3MHz_QPSK_RB1_0_CH20635

	ectrum Analyzer - Swe										
Center F	RF 50 Ω req 5.01500	00000 GHz			SE:INT	#Avg Typ	ALIGN AUTO e: RMS	TRA	M May 10, 2024 CE 1 2 3 4 5 6		requency
10 dB/div	Ref Offset 13 Ref 30.00 (	IFGair	Fast +++	Trig: Free #Atten: 30				Mkr3 3.2	214 GHz 20 dBm		Auto Tun
.0g 20.0 10.0	×1										Center Fre 5000000 GH
20.0	^2		3						0L1-19.00 dBm	3	Start Fre
40.0 50.0 50.0			ilia (ilia d	<u> Anini Misha</u>		-				10.00	Stop Fre 0000000 G⊦
	015 GHz 1.0 MHz	×	#VBW 3	3.0 MHz	FUN		Sweep 1	6.62 ms	970 GHz 9971 pts)		CF Ste 7.000000 MH Ma
2 N 3 N 4		846 M 1.694 C 3.214 C	SHz	26.15 dB -36.51 dB -32.20 dB	m						Freq Offs 0 H
6 7 8 9											Scale Typ
10				m	-				-	Log	Ц
4 ISG							<b>K</b> STATU	s			

#### Band5_3MHz_QPSK_RB1_0_CH20415

Band5_5MHz_QPSK_RB1_0_CH20425

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	ectrum Analyzer	- Swept SA							- 9
R Center F		50 Q DC	GHz	SENSE:IN	#Ava	ALIGN AUTO Type: RMS	01:48:40 PM M TRACE	123456	Frequency
			PNO: Fast + IFGain:Low	#Atten: 30 dB			DET	PNNNNN	
10 dB/div	Ref Offse Ref 30.0					1	4473 3.85 -33.10	8 GHz ) dBm	Auto T
20.0	¥1								Center
10.0	-	_	-			_			5.015000000
0.00		+						_	
20.0	+						EL.	⊷19.00 dDn	Start
-30.0	/	2		3					30.000000
-40.0 <b>11-11-1</b>	فتجمعه بالجب				1998 (St. 1997)		and an and a state of	<b>مالاط برونان</b>	Stop
50.0		-	-		-	-		_	10.000000000
60.0			-						
Center 5. #Res BW			#VB	W 3.0 MHz		Sweep 1	Span 9.9 6.62 ms (99		CF : 997.000000
MAR MODE T	RC SCL	x	825 MHz	25.89 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	Auto
2 N 1		1.	620 GHz 858 GHz	-37.41 dBm -33.10 dBm					FreqO
4 5			000 012	-55.10 0.511					
6 7								_	
8									Scale
9									

CO

		Ba	nd5_5	MHz_QF	SK_R	B1_0_C	H20525		
	Spectrum Analyz								- 0 Ø 🗠
Center	RF Freq 5.01	50 Q DC		SENSE:	#Ave	ALIGN AUTO Type: RMS	01:49:56 PM May 10, 2 TRACE 1 2 3 4 TYPE M WWW	5 6	Frequency
			PNO: Fast + IFGain:Low	#Atten: 30 dE			DET P N N N	NN	Auto Tune
10 dB/div		et 13.8 dB .00 dBm					Mkr3 3.129 GI -32.25 dB		Auto Tune
20.0	¥1								Center Freq
10.0		_							5.015000000 GHz
0.00				+			R41.4300		
-10.0							BL1-13:00+	Ðn	Start Freq 30.000000 MHz
-30.0		0 ²	<b>♦</b> ³						30.000000 MH2
-40.0	خمين مايرين	-			-	-		-	Stop Freq
-50.0									10.000000000 GHz
	5.015 GHz V 1.0 MHz		#VB	W 3.0 MHz		Sweep	Span 9.970 G 16.62 ms (9971 p		CF Step 997.000000 MHz
MRR MODE	TRC SCL	x	835 MHz	26.66 dBm	FUNCTION	FUNCTION WIDT	H FUNCTION VALUE	4	<u>Auto</u> Man
2 N 3 N	1 1		1.675 GHz 3.129 GHz	-36.57 dBm -32.25 dBm					Freq Offset
4									0 Hz
5 6 7									
8 9									Scale Type
10									Log <u>Lin</u>
MSG				ed.		<b>K</b> STAT	us		

Band5_5MHz_QPSK_RB1_0_CH20625

									Analyzer - Swe		eysight !	- Ke
<u> </u>	MMay 10, 2024	TRAC	ALIGN AUTO e: RMS	#Avg Ty	Run		Hz NO: Fast ←	0000 GH		req	nter	Cer
A	47 GHz 87 dBm	/kr3 3.7	1			#Atten: 3	Gain:Low	iF 8 dB	Offset 13 f 30.00 c		dB/div	10 d
Center Free 5.015000000 GH										X1	0	Lõg 20.0 10.0 0.00
Start Free 30.000000 MH	<u>561-1960-4Dm</u>						•					-10.0 -20.0 -30.0
Stop Fre 10.000000000 GH						19 201 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19 20 19				ينو العني،		-40.0 -50.0 -60.0
CF Step 997.000000 MH Auto Ma	.970 GHz 9971 pts)	6.62 ms (	Sweep 1	CTION	E E	/ 3.0 MHz	#VB	×	MHz	1.0	nter : es B\	#Re
Freq Offse 0 H					3m	25.22 dl -36.20 dl -31.87 dl	15 MHz 39 GHz 17 GHz	1.68		1 1 1 f 1 f	NNN	1 2 3 4 5 6
Scale Type												7 8 9 10
		6	<b>K</b> STATU:			ш						≺ ⊑ MSG

Keysight Sp	ectrum Analyzer										
Center F		50 Ω DC 5000000	GHz		SE:INT	#Avg Typ	ALIGN AUTO e: RMS	TRA	M May 10, 2024 CE 1 2 3 4 5 6 PE M WWWWW	Fi	requency
10 dB/div	Ref Offse Ref 30.		PNO: Fast * IFGain:Low	#Atten: 30	dB		N	□ //kr3 5.1	29 GHz 86 dBm		Auto Tun
20.0	×1										Center Fre 5000000 G⊦
20.0		^2			3				0L1~19.00 dBm	30	Start Fre
10.0 50.0 50.0					يەتتىپيە <b>ت</b> ە		an digalatin		forla factorite d'ing	10.00	Stop Fre 0000000 GH
Res BW	.015 GHz 1.0 MHz	×		W 3.0 MHz			Sweep 1	6.62 ms (	0.970 GHz 9971 pts)		CF Ste 7.000000 MH Ma
1 N 2 N 3 N 4 5 6	1 f 1 f 1 f		825 MHz .667 GHz .129 GHz	26.11 dB -37.05 dB -32.86 dB	m						FreqOffse 0 ⊦
6 7 8 9										Log	Scale Typ
	11			т	1					Log	L
sa							STATU:	s			

Band5_10MHz_QPSK_RB1_0_CH20525

🔤 Keysight Sp	ectrum Analyzer - S						
Center F	RF 50 req 5.0150	00000 GHz	SENSE:	#Avg	ALIGN AUTO Type: RMS	11:41:07 AM May 10, 2024 TRACE 1 2 3 4 5 TYPE M WWWW	6 Frequency
10 dB/div	Ref Offset 1 Ref 30.00		#Atten: 30 dB		N	0er P NNNN Akr3 3.199 GHz -32.07 dBm	Auto Tune
20.0 10.0	×1						Center Freq 5.015000000 GHz
-10.0		<b>↓</b> ³				DL1~19.00 dBn	Start Freq 30.000000 MHz
40.0 50.0 60.0						hidaali.gooliingaaliin	Stop Freq 10.00000000 GHz
	015 GHz 1.0 MHz	#VI	BW 3.0 MHz	FUNCTION	Sweep 1	Span 9.970 GHz 6.62 ms (9971 pts)	
1 N 2 N 3 N 4 5 6 7		832 MHz 1.645 GHz 3.199 GHz	25.82 dBm -36.72 dBm -32.07 dBm			=	Freq Offset 0 Hz
7 8 9 10							Scale Type
11	11					,	Log <u>Lin</u>
ISG					🚺 STATUS		

Band5_10MHz_QPSK_RB1_0_CH20600

Keysight Spectrum Analyzer - Swept SA				
Center Freq 5.015000000		#Avg Type: RMS	11:42:09 AM May 10, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
Ref Offset 13.8 dB 10 dB/div Ref 30.00 dBm	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 30 dB		Mkr3 4.862 GHz -32.08 dBm	Auto Tune
Log X1 20.0 10.0 0.00				Center Free 5.015000000 GH;
-10.0 -20.0 -30.0	<b>*</b>		0L1-19.00 dBm	Start Fre 30.000000 MH
40.0 <b>10.0</b> 10.0 10.0 10.0 10.0 10.0 10.0 10.0			,	Stop Fre 10.000000000 GH
Center 5.015 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep *	Span 9.970 GHz 16.62 ms (9971 pts)	CF Ste 997.000000 MH Auto Ma
3 N 1 f 4 5	840 MHz 25.00 dBm 1.714 GHz -36.17 dBm 4.862 GHz -32.08 dBm		=	Freq Offse 0 H
6 7 8 9				Scale Typ
10				Log Li
4 Land		<b>K</b> STAR	i5	l

# Band5_10MHz_QPSK_RB1_0_CH20450

Band7_5MHz_QPSK_RB1_0_CH20775

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S				5			
Keysight Sp M R Center F	RF	yzer - Swept 1   50 Ω 0 .015000	DOOO G	Hz Ю:Fast ↔ sain:Low	NSE:INT Run 0 dB	#Avg Typ	e: RM:
10 dB/div	Ref Of Ref 3	fset 14.2 0.00 dB	dB m				
20.0	Ť						
10.0							
0.00							
-10.0							
-20.0							
-30.0		~2					

Start Free
Stop Free
100000 011
CF Step 000000 GH Ma
ma
req Offse 0 H
cale Typ

ACE 1 2 3 4 5 TYPE MWWWW DET P N N N N

r3 26.120 GHz -27.34 dBm Frequency

Center Fr

			Ban	d7_5	MHz_C	PSK	_RB1	_0_C	H211(	00		
		nalyzer - Swej										
Center F	RF	50 Q		Hz	SENS	E:INT	#Avg Typ	e: RMS	TRAC	MAug 15, 2024		requency
Centerr	icqi	5.0150	P	NO: Fast Sain:Low	#Atten: 30				TH D			
10 dB/div		Offset 14. 30.00 d						М	kr3 26.2 -27.	49 GHz 78 dBm		Auto Tune
Log	¥1											
20.0												Center Freq
10.0				<u> </u>							15.01	5000000 GHz
0.00				<u> </u>								
-10.0										-		Start Freq
-20.0		^2			-					DL1 -25.00 dBm	3	0.000000 MHz
-30.0	وليلون ا		مقدد دخر رد		والمحملون وتتبع أرقا	بلجو يدرق حم	A CREW ALL AND	a lunin stat	No.			
-40.0					ALLER - MARAN							Stop Freq
-50.0				-	-						30.00	0000000 GHz
-60.0					+ +							
Center 1 #Res BW				#VB	W 3.0 MHz			ween 40	Span 2 .95 ms (2	9.97 GHz		CF Step 7000000 GHz
MAG MODE		1112		#••	V 5.0 MITZ	_		кнопмоти			Auto	Man
1 N	1 1			3 GHz	26.58 dB	m	TON FUR	ICTION WIDTH	FUNCT			
	1 f			0 GHz 9 GHz	-32.73 dB					_		Freq Offset
4			20.24	- One	-21.10 00							0 Hz
5 6				-		-				E		
7 8				_		-						Scale Type
9												
10											Log	Lin
×								<b>STATU</b>		•		
MSG								STATU	5			

#### Band7_5MHz_QPSK_RB1_0_CH21425

	ectrum Analyzer - Sw							- 6 <b>-</b>
Center F	req 15.0150	DO0000 GHz	SENSE:INT	#Avg Type	RMS	TRAC	MAug 15, 2024 E 1 2 3 4 5 6 PE MWWWWW	Frequency
10 dB/div	Ref Offset 14 Ref 30.00 (	IFGain:Low	#Atten: 30 dB		M	kr3 26.6	77 GHz 54 dBm	Auto Tune
20.0	×1							Center Freq 15.015000000 GHz
-10.0 -20.0 -30.0	0 ²	i i da correcto de la correctiona en de					3 1 -25.00 dBm	Start Freq 30.000000 MHz
-40.0 -50.0 -60.0								Stop Freq 30.00000000 GHz
Center 14 #Res BW	1.0 MHz	#VE	SW 3.0 MHz		veep 49	.95 ms (2	9.97 GHz 9971 pts)	CF Step 2.997000000 GHz Auto Man
1 N 2 N 3 N 4 5 6	1 f	2.565 GHz 5.108 GHz 26.677 GHz	26.94 dBm -33.01 dBm -27.54 dBm				E	Freq Offset 0 Hz
7 8 9 10 11								Scale Type
<						6	•	

	ectrum Anal											
R Center F	^{RF} req 15	50 Ω .01500		Hz IO: Fast -		SE:INT Run	#Avg Typ	e: RMS	TRA	MAug 15, 2024 CE 1 2 3 4 5 6 PE MWWWWW	<u> </u>	requency
10 dB/div		ffset 14.2 80.00 dl	IFG 2 dB	ain:Low	#Atten: 30			М	kr3 25.5	550 GHz 74 dBm		Auto Tun
20.0 10.0	X1											Center Fre 5000000 GH
-10.0		0 ²							<b>♦</b> ³	0L1-25.00 dBm	з	Start Fre
40.0 50.0 60.0											30.00	<b>Stop Fre</b>
Center 1 Res BW	1.0 MH		x	#VB	W 3.0 MHz	FU	S NCTION   FU	· ·	9.95 ms (2	29.97 GHz 29971 pts)	2.99 Auto	CF Ste 7000000 GF Ma
1 N 2 N 3 N 4 5				1 GHz 5 GHz ) GHz	25.907 dB -32.91 dB -27.74 dB	m						Freq Offs 0 H
6 7 8 9												Scale Typ
10					m		_				Log	Ц
tsg								<b>E</b> STATU	s			

## Band7_10MHz_QPSK_RB1_0_CH21100

	ctrum Analyzer - S										
R Center Fr	RF 50	000000 GH	z		SE:INT	#Avg Typ	e: RMS	TRAC	MAug 15, 2024 E 1 2 3 4 5 6	F	requency
10 dB/div	Ref Offset 1	IFGa	): Fast 🔸	≓ Trig: Free #Atten: 30			м	kr3 26.3	24 GHz 26 dBm		Auto Tune
20.0 10.0 0.00	Ref 30.00							-21.			Center Free 5000000 GH
20.0		2	- 1 - 1 -	lat a		1000 Adda		¢ ³	0L1-25.00 dBm	3	Start Free
10.0 50.0 50.0										30.00	Stop Fre
enter 15 Res BW	1.0 MHz		#VBW	3.0 MHz			weep 49	.95 ms (2	. /	2.99 Auto	CF Ste 7000000 GH Ma
1 N 1 2 N 1 3 N 1 4	1	× 2.531 5.035 26.324	GHz	27.02 dB -32.81 dB -27.26 dB	m	TION	NCTION WIDTH	FUNCTION			Freq Offse 0 ⊦
6 7 8 9											Scale Typ
10						_			-	Log	Ц
50								1			

#### Band7_10MHz_QPSK_RB1_0_CH21400

	n Analyzer - Swept								_		
	^{RF} 50 Ω 15.01500		SENSE	1	Avg Typ	e: RMS	TRA	PM Aug 15, 2024 AGE 1 2 3 4 5 4 YPE M WWWWW	F	requency	
	ef Offset 14.2 ef 30.00 dE		iB	Mkr3 23.924 GHz -27.20 dBm					Auto Tur		
	1									Center Fre 5000000 GH	
	^2						3	DL1 -25.00 dBn	3	Start Fre	
		ناله بن مراجع المانية. <u>تر</u> ميني							30.00	Stop Fre	
ter 15.02 s BW 1.0	MHz		BW 3.0 MHz			· ·	.95 ms (	29.97 GHz 29971 pts		CF Ste 7000000 GF Ma	
		× 2.561 GHz 5.112 GHz 23.924 GHz	27.139 dBn -32.77 dBn -27.20 dBn	1	N FUN	ICTION WOTH	FUNC		F	Freq Offs 0 H	
										Scale Typ	
	1			1	1				Log	L	
						to STATU:	5				

## Band7_10MHz_QPSK_RB1_0_CH20800

# Band7_15MHz_QPSK_RB1_0_CH20825

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