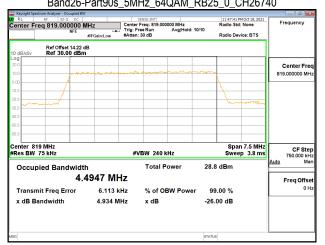
Report No.: ER/2021/A0027-01 Page: 155 of 422



Band26-Part90s 5MHz 64QAM RB25 0 CH26715

	ctrum Analyzer - Occupied Bi	N						
RL Center Fr	RF 50 Ω DC		SENSE:INT enter Freq: 816.50			Radio Std	MOct 18, 2021 : None	Frequency
	NFE		rig: Free Run Atten: 30 dB	Avg Hold:	: 10/10	Radio Dev	ice: BTS	
0 dB/div	Ref Offset 14.22 Ref 30.00 dBr							
og	Ker solo ub					1		
10.0		many	mann	- mon	mmm			Center Fre 816,500000 MH
						<u>\</u>		010.00000 mi
0.0						X		
0.0								
0.0								
0.0								
0.0								
enter 81 Res BW			#VBW 240	kHz			า 7.5 MHz p 3.8 ms	CF Ste 750,000 ki
Occur	oied Bandwidt	th	Total	Power	28.7	/ dBm		Auto M
		4997 MHz						Freq Offs
Transn	nit Freg Error	-567 Hz	% of C	BW Powe	ər 99	.00 %		01
	andwidth	4.957 MHz				00 dB		
					STATU			
SG								

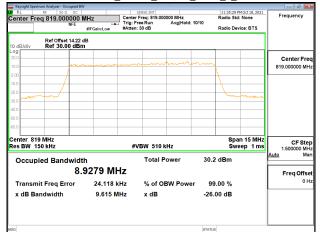


Band26-Part90s 5MHz 64QAM RB25 0 CH26765

Keysight Spectrum Analyzer - Occupied BW					- 6 -
X RL RF 50 Ω DC Center Freq 821.500000 M		r Freq: 821.500000 MHz	Radio Std	None	Frequency
NFE	- Ing:	Free Run Avg Hold: n:30 dB	10/10 Radio Dev	ice: BTS	
Ref Offset 14.22 c 10 dB/div Ref 30.00 dBm					
.og 20.0					Center Fre
10.0	and many and	monenter	man		821.500000 MH
0.00			<u>\</u>		
10.0					
20.0					
30.0					
0.0					
50.0					
80.0					
enter 821.5 MHz Res BW 75 kHz	#	VBW 240 kHz		n 7.5 MHz p 3.8 ms	CF Ste 750.000 kH
Occupied Bandwidt	h	Total Power	28.7 dBm	A	<u>Nuto</u> Ma
	4851 MHz			Г	Freq Offs
Transmit Freq Error	-1.858 kHz	% of OBW Powe	r 99.00 %		0 H
x dB Bandwidth	4.935 MHz	x dB	-26.00 dB		
G			STATUS		

Band26-Part90s_10MHz_QPSK_RB50_0_CH26740 11:35:01 PM Oct 18, Radio Std: None enter Freq 819.000000 MHz 0 MHz Avg|Hold:>10/10 Frequency Radio Device: BTS Ref Offset 14.22 di Ref 30.00 dBm Center Fre Center 819 MHz Res BW 150 kHz Span 15 MHz Sweep 1 ms CF Step #VBW 510 kHz Total Power 30.9 dBm Occupied Bandwidth 8.9621 MHz Freq Offse 22.657 kHz 0 F Transmit Freq Error % of OBW Power 99.00 % x dB Bandwidth 9.735 MHz -26.00 dB x dB

Band26-Part90s_10MHz_16QAM_RB50_0_CH26740



Band26-Part90s 10MHz 64QAM RB50 0 CH26740

100 100 <th>Frequency</th> <th></th> <th>Radio Std: Radio Devi</th> <th>10/10</th> <th>000 MHz Avg Hold: 1</th> <th></th> <th>Center Trig: Fi</th> <th></th> <th>RF 50 Ω 819.0000 NF</th> <th>Center Fr</th>	Frequency		Radio Std: Radio Devi	10/10	000 MHz Avg Hold: 1		Center Trig: Fi		RF 50 Ω 819.0000 NF	Center Fr
200 Center 819 MHz Span 15 MHz Center 819 MHz #VBW 510 kHz Span 15 MHz Coccupied Bandwidth Total Power 28.9 dBm Auto B.9476 MHz Transmit Freq Error 14.946 kHz % of OBW Power 99.00 %			_							
000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000 000	Center Fre									20.0
1.500 Conter 819 MHz tes BW 150 kHz Sweep 1ms Cocupied Bandwidth Total Power 28.9 dBm 8.9476 MHz Transmit Freq Error 14.946 kHz % of OBW Power 99.00 %	819.000000 MH						Contraction of the second		1	
as a second seco			\setminus						- /	
and and a second secon		mon	Lun						mound	~~~
enter 819 MHz es BW 150 kHz Sweep 1 ms Occupied Bandwidth Total Power 28.9 dBm 8.9476 MHz Transmit Freq Error 14.946 kHz % of OBW Power 99.00 %										
enter 819 MHz es BW 150 kHz Span 15 MHz es BW 150 kHz Sweep 1 ms Occupied Bandwidth Total Power 28.9 dBm 8.9476 MHz Transmit Freq Error 14.946 kHz % of OBW Power 99.00 %										0.0
Bes BW 150 kHz Sweep 1 ms Occupied Bandwidth Total Power 28.9 dBm 1.500 B.9476 MHz Free Free Free										50.0
Occupied Bandwidth Total Power 28.9 dBm 8.9476 MHz Transmit Freq Error 14.946 kHz % of OBW Power 99.00 %	CF Ste 1,500000 MI				Hz	3W 510 k	#\			
Transmit Freq Error 14.946 kHz % of OBW Power 99.00 %	Auto M		dBm	28.9	ower	Total P		vidth	ed Bandw	Occup
	Freq Offs						MHz	8.9476		
x dB Bandwidth 9.719 MHz x dB -26.00 dB	01		.00 %	r 99	W Power	% of OE	46 kHz	or 14.9	Freq Erro	Transn
			00 dB	-26.		x dB	19 MHz	9.7	dwidth	x dB B

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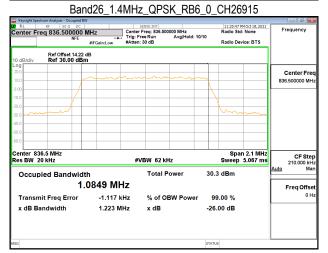
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Report No.: ER/2021/A0027-01 Page: 156 of 422

Band26 1.4MHz QPSK RB6 0 CH26797

RL Center Fre	RF 50 Ω DC eq 824.700000 N		SENSE:INT enter Freg: 824.700000 MH:		11:20:20 PM Radio Std:	None	Frequency
	NFE			lold: 10/10	Radio Devi	ce: BTS	
10 dB/div	Ref Offset 14.22 d Ref 30.00 dBm						
20.0						[Center Free
10.0		- town to a		ning			824.700000 MH
10.00	/						
20.0	m			1	him		
30.0						- m	
0.0							
0.0							
60.0							
Center 82- Res BW 2			#VBW 62 kHz		Span Sweep (2.1 MHz 5.067 ms	CF Ster 210.000 kH
Occup	ied Bandwidth	ı	Total Power	30.3	dBm	£	<u>Auto</u> Mar
	1.0	0851 MHz				Г	Freq Offse
Transm	it Freq Error	-2.110 kHz	% of OBW Po	ower 99	.00 %		0 H
x dB Ba	Indwidth	1.224 MHz	x dB	-26.	00 dB		
sg				STATU			



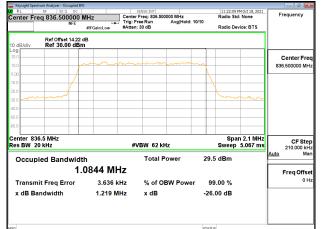
Band26 1.4MHz QPSK RB6 0 CH27033

Keysight Spectrum Analyzer - Occupied Bi	1				- 6 ×
RL RF 50 Ω DC Center Freq 848.300000		SENSE:INT ter Freq: 848.300000 MHz	Radio St	PM Oct 18, 2021 d: None	Frequency
NFE	Trig	:FreeRun Avg Hol en:30 dB		vice: BTS	
Ref Offset 14.22 10 dB/div Ref 30.00 dBr					
20.0	2				Center Free
10.0	man				848.300000 MH
10.00					
-10.0					
300			mon	m	
40.0					
50.0					
-60.0					
Center 848.3 MHz Res BW 20 kHz		#VBW 62 kHz		an 2.1 MHz 5.067 ms	CF Ster 210.000 kH
Occupied Bandwidt	h	Total Power	30.3 dBm		<u>Auto</u> Mar
•	 0847 MHz				Freq Offse
Transmit Freq Error	-907 Hz	% of OBW Pow	ver 99.00 %		0 H
x dB Bandwidth	1.220 MHz	x dB	-26.00 dB		
isg			STATUS		

11:21:42 PM Oct 18, 2 Radio Std: None enter Freq 824.700000 MHz Frequency 00 MHz Radio Device: BTS Ref Offset 14.22 d Ref 30.00 dBm Center Fre 824.700000 MH Center 824.7 MHz Res BW 20 kHz Span 2.1 MHz Sweep 5.067 ms CF Step 210.000 kH: Mar #VBW 62 kHz Total Power 29.5 dBm Occupied Bandwidth 1.0855 MHz Freq Offse 2.435 kHz 0 F Transmit Freq Error 99.00 % % of OBW Power x dB Bandwidth 1.222 MHz -26.00 dB x dB

Band26 1.4MHz 16QAM RB6 0 CH26797

Band26_1.4MHz_16QAM_RB6_0_CH26915



Band26 1.4MHz 16QAM RB6 0 CH27033

Ref Offset 14 22 dB Center Fr 0.08 Jdy Ref 30.00 dBm Ref 30.00 dBm 0.09		RF 50 Ω DC 848.300000 N NFE	Trig:	SENSE:INT er Freq: 848.300 Free Run en: 30 dB	000 MHz Avg Hold:	10/10	R	adio Std	None ice: BTS	Fr	requency
200 Center F, 200	10 dB/div		в								
100 100 <th>20.0</th> <th></th> <th>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</th> <th></th> <th></th> <th>~~~~</th> <th></th> <th></th> <th></th> <th></th> <th></th>	20.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			~~~~					
Bits Bits <th< td=""><td>10.0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	10.0										
000	30.0 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	and more thank				-	h	, may	man		
Center 548.3 MHz Span 2.1 MHz tes BW 20 kHz \$\$pan 2.1 MHz Sweep 5.067 ms \$\$20000 k Occupied Bandwidth Total Power 29.5 dBm 1.0846 MHz Freq Offs Transmit Freq Error 3.933 kHz % of OBW Power 99.00 %	50.0										
Occupied Bandwidth Total Power 29.5 dBm Auto M 1.0846 MHz Freq Offs Freq Offs 0 0 0	Center 848.3			≢VBW 62 kH	iz		S	Spar weep	1 2.1 MHz 5.067 ms		CF Ste
Transmit Freq Error 3.933 kHz % of OBW Power 99.00 %	Occupie			Total P	ower	29	9.5 d	Bm		<u>Auto</u>	M
	Transmit			% of O	DW Bowo	-	00.00	n ø/			Freq Offs 01
					SVV Powe						

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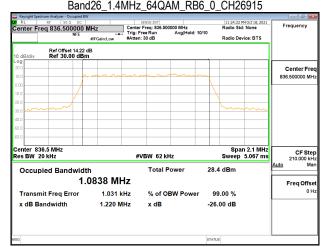
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Report No.: ER/2021/A0027-01 Page: 157 of 422

Band26 1.4MHz 64QAM RB6 0 CH26797

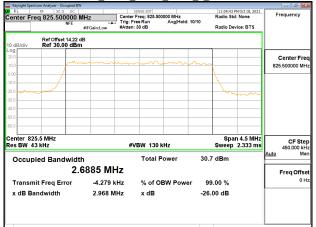
Center Fre	RF 50 Q DC 2q 824.700000 N NFE	BFISE:INT 1123:39 PM Oct 18, 2021 MHZ Trig: Free Run Avg Hold:>10/10 #FGeIn:Low Atten: 30 dB Radio Device: BTS							Frequency
0 dB/div	Ref Offset 14.22 d Ref 30.00 dBm								
.og 20.0 10.0			~~~~~	~~~~		-			Center Fre 824.700000 MH
20.0									
30.0 ~~~~~~~ 40.0 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	n						Lum.		
50.0 60.0									
enter 824 tes BW 20			#VE	5W 62 kH	Iz			n 2.1 MHz 5.067 ms	CF Ste 210.000 kH
Occup	ied Bandwidth 1 (י 840 MF	47	Total P	ower	28.4	dBm		<u>Auto</u> Ma
	it Freq Error ndwidth	-70 1.222 M	Hz	% of OE x dB	3W Power		.00 % 00 dB		Freq Offse 0 ⊦
G						STATU			



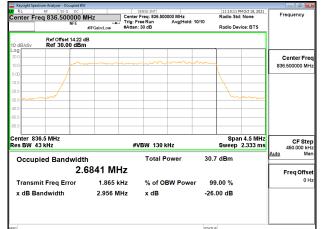
Band26 1.4MHz 64QAM RB6 0 CH27033

Keysight Spectrum Analyzer - I						- 6 <mark>-</mark> ×
RL RF 50 Center Freq 848.30			848.300000 MHz	Radio S	5 PM Oct 18, 2021 td: None	Frequency
	NFE #IFGain:Lov	Trig: Free Ru #Atten: 30 dE			evice: BTS	
10 dB/div Ref 30.	et 14.22 dB 00 dBm					
-og 20.0						Center Free
10.0	pm	mm	mon	~		848.300000 MH
0.00					I	
-10.0						
-20.0						
-40.0						
-50.0						
-60.0						
Center 848.3 MHz Res BW 20 kHz		#VBW	62 kHz		an 2.1 MHz 5.067 ms	CF Step 210.000 kH
Occupied Ban	dwidth	Т	otal Power	28.3 dBm		Auto Mar
oooupiou Duii	1.0843	MHz			Í	Freq Offse
Transmit Freq E	rror 1.14	l9 kHz %	of OBW Powe	r 99.00 %		0 H
x dB Bandwidth	1.22	0 MHz x	dB	-26.00 dB	ĺ	
IISG				STATUS		

Band26 3MHz QPSK RB15 0 CH26805



Band26_3MHz_QPSK_RB15_0_CH26915



Band26 3MHz QPSK RB15 0 CH27025

RL RF 50 Ω DC Center Freq 847.500000 N NFE	Trig:	SENSE:INT Freq: 847.50000 Free Run n: 30 dB	0 MHz Avg Hold: 10/1	Radio St	PM Oct 18, 2021 d: None wice: BTS	Frequency	
10 dB/div Ref Offset 14.22 d Ref 30.00 dBm	В						
20.0		- 0				Center Fr	
10.0			~~~~~~	m		847.500000 M	
0.00							
10.0							
20.0				L.	- march		
0.0							
0.0							
50.0							
Center 847.5 MHz Res BW 43 kHz		VBW 130 kH	7		in 4.5 MHz 2.333 ms	CF St	
Occupied Bandwidth		Total Pov	-	30.7 dBm		450.000 k Auto M	
	858 MHz	Total Pot		oo., abiii		Freq Offs	
Transmit Freq Error	1.722 kHz	% of OBV	V Power	99.00 %		0	
x dB Bandwidth	2.942 MHz	x dB		-26.00 dB			
sg				STATUS			

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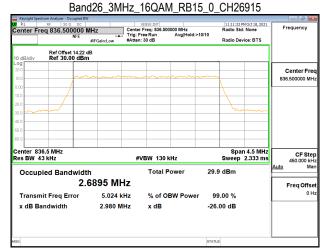
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Report No.: ER/2021/A0027-01 Page: 158 of 422

Band26 3MHz 16QAM RB15 0 CH26805

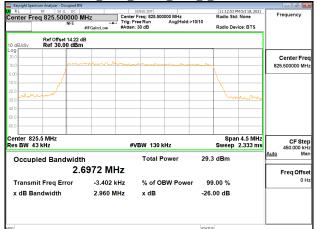
Keysight Spectrum Analyzer - Occupied RL RF 50 Ω DC		SENSE:INT	000 MHz		5 PM Oct 18, 2021	Frequency
enter Freq 825.50000		rig: Free Run Atten: 30 dB	Avg Hold: 10/	10	Device: BTS	
	#IFGain:Low #	Atten: 30 dB		Radio L	Jevice: D I S	
0 dB/div Ref 0ffset 14.2 Ref 30.00 dB						
9 g 0.0						Center Fre
.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mana	non		_	825.500000 M
00					_	
				\	_	
0						
1.0				~		
.0						
.0						
1.0						
enter 825.5 MHz					an 4.5 MHz	
es BW 43 kHz		#VBW 130 H	Hz		p 2.333 ms	CF Ste 450.000 k
	-141-	Total P	owor	30.0 dBm		Auto M
Occupied Bandwig			ower	30.0 UBIII		
2	2.6916 MHz	2				Freq Offs
Transmit Freq Error	-1.631 kH	z % of Ol	BW Power	99.00 %		0
x dB Bandwidth	2.965 MH	z xdB		-26.00 dB		
3				STATUS		
,				STATUS		



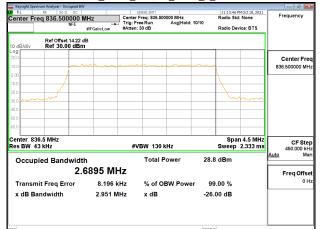
Band26 3MHz 16QAM RB15 0 CH27025

Center Fill of diddry Ref Office 1422 dB Ref 30.00 dbm Trig: Fire Run ArgHod: 1010 Radio Davice: BTS 10 Ref 30.00 dbm Ref 30.00 dbm<		m Analyzer - Occup RF 50 Ω			SEI	NSE:INT			11:12:00	PM Oct 18, 2021	
Bef Offset 14.22 dB Radio Device: BTS 0 #Bidiv Ref 30.00 dBm 0 Box Box	enter Fred	a 847.5000	00 MHz					40/40	Radio St	d: None	Frequency
0 GIGW Ref 30.00 dBm 000 0 0000 0 0		NE					Avginoid	: 10/10	Radio De	vice: BTS	
200 Center 201 Center </th <th></th>											
Alter CCUpied Bandwidth 2.6958 MHz Transmit Freq Error 4.736 kHz % of OBW Power 99.00 %											Center Fre
00 00<	0.0		~~~~~		~~~~~		h				847.500000 MH
Image: Constraint of the second sec	.00	+ A							\		
Alter Start, 5 MHz B W 43 KHz Cccupied Bandwidth 2.6958 MHz Transmit Freq Error 4.736 kHz % of OBW Power 99.00 %	0.0								<u>\</u>		
Image: Constraint of the second sec	0.0	1									
Image: state	0.0 <mark>autronom</mark>								m	mm	
Image: second	0.0										
Span 4.5 MHz Span 4.5 MHz cF es BW 43 kHz #VBW 130 kHz Sweep 2.333 ms Occupied Bandwidth Total Power 30.2 dBm 2.6958 MHz Transmit Freq Error 4.736 kHz % of OBW Power 99.00 %	0.0										
es BW 43 kHz #VBW 130 kHz Sweep 2.333 ms Auto Occupied Bandwidth Total Power 30.2 dBm Auto Auto 2.69558 MHz Transmit Freq Error 4.736 kHz % of OBW Power 99.00 % Freq O	0.0										
es BW 43 kHz #VBW 130 kHz Sweep 2.333 ms Auto Occupied Bandwidth Total Power 30.2 dBm Auto Auto 2.6958 MHz Transmit Freq Error 4.736 kHz % of OBW Power 99.00 % Freq O	enter 847	5 MHz							Sna	n 4.5 MHz	
Occupied Bandwidth Total Power 30.2 dBm 2.6958 MHz Freq O Transmit Freq Error 4.736 kHz % of OBW Power 99.00 %					#VE	3W 130 k	Hz				CF Ste 450.000 kH
2.6958 MHz Transmit Freq Error 4.736 kHz % of OBW Power 99.00 %	Occupie	ed Bandw	/idth			Total P	ower	30.2	dBm		<u>Auto</u> Ma
Transmit Freq Error 4.736 kHz % of OBW Power 99.00 %				58 MH	١z						Freg Offs
x dB Bandwidth 2.979 MHz x dB -26.00 dB	Transmit	Freg Erro	r	4.736 k	Hz	% of O	BW Powe	er 99	.00 %		01
	x dB Ban	dwidth		2 979 M	Hz	x dB		-26	00 dB		
g											

Band26_3MHz_64QAM_RB15_0_CH26805



Band26_3MHz_64QAM_RB15_0_CH26915



Band26 3MHz 64QAM RB15 0 CH27025

Keysight Spectrum Analyzer	- Occupied BW						- @ *
Center Freq 847.5	500000 MHz NFE #IFGai	Center I Trig: Fr		: 10/10	Radio Std		Frequency
10 dB/div Ref 3	/set 14.22 dB 0.00 dBm						
20.0							Center Fre 847.500000 MH
0.00	Λ						
80.0	, 						
0.0							
enter 847.5 MHz es BW 43 kHz		#1/	BW 130 kHz			1 4.5 MHz 2.333 ms	CF Ste
Occupied Ba	ndwidth	#V	Total Power	28.9	dBm	2.555 115	450.000 kH <u>Auto</u> Ma
	2.689	5 MHz					Freq Offs
Transmit Freq	Error	6.456 kHz	% of OBW Powe	er 99.	.00 %		01
x dB Bandwidt	h 2	.954 MHz	x dB	-26.0	0 dB		
G				STATUS			

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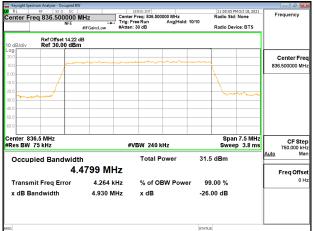
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Report No.: ER/2021/A0027-01 Page: 159 of 422

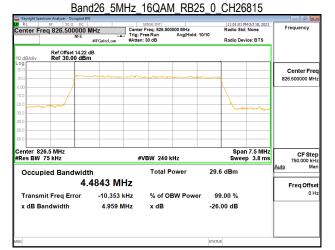
Band26 5MHz QPSK RB25 0 CH26815

Keysight Spe R L	ectrum Analyzer - Occupied RF 50 Ω DC			SENSE:INT			10.50.00	PM Oct 18, 2021	
	reg 826.50000		Center	Freq: 826.50			Radio St		Frequency
	NFE	#IFGain:Low		ree Run : 30 dB	Avg Hold	I: 10/10	Radio De	vice: BTS	
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Occu	pied Bandwi	dth		Total F	ower	30.5	ō dBm		Auto M
	4	I.48 <mark>96 </mark>	ИНz						Freq Offs
Transr	nit Freq Error	-11.08	0 kHz	% of O	BW Pow	er 99	9.00 %		01
x dB B	andwidth	4,94	9 MHz	x dB		-26	00 dB		
3G						STATU	S		
	Ba	and26	5MHz	OPSK		500	CH26	915	

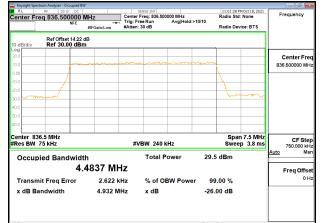


Band26 5MHz QPSK RB25 0 CH27015

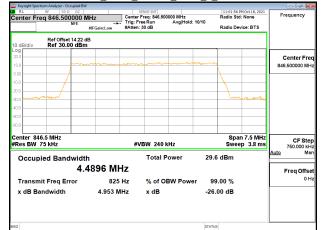
	um Analyzer - Occupi								@ <u></u>
Center Fre	RF 50 Ω C		Center F	req: 846.500			11:00:33 Radio St	PM Oct 18, 2021 d: None	Frequency
	NEI	#IFGain:Low	Trig: Fre #Atten: 3		Avg Hold:	: 10/10	Radio De	vice: BTS	
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-30.0								manne	
-40.0									
-50.0									
-60.0									
Center 846 #Res BW 7			#V	BW 240 H	Hz			n 7.5 MHz ep 3.8 ms	CF Ster 750.000 kH
Occupi	ed Bandw	idth		Total P	ower	30.6	dBm		<u>Auto</u> Mar
Cocupi		4.4864 M	Hz						Freq Offse
Transmi	it Freq Error	1.815	kHz	% of O	BW Powe	er 99	.00 %		он
x dB Ba	ndwidth	4.952	MHz	x dB		-26.	00 dB		
MSG						STATUS			



Band26_5MHz_16QAM_RB25_0_CH26915



Band26_5MHz_16QAM_RB25_0_CH27015



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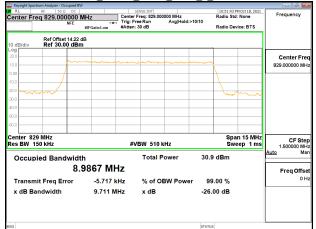
Band26 5MHz 64QAM RB25 0 CH26815

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x dB Bandwidth 4.933 MHz x dB -26.00 dB	Tranem	uit Erea Err	or	-10 001		% of O			0 00 %		
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Band26_5MHz_64QAM_RB25_0_CH26915											
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Ref 0fmet 14.22 dB Center Fin 0<	Keysight Spec	trum Analyzer - Οco RF 50 Ω	DC	_	Center F	INSE:INT	0000 MHz	25_0	JS CH26	M Oct 18, 2021	
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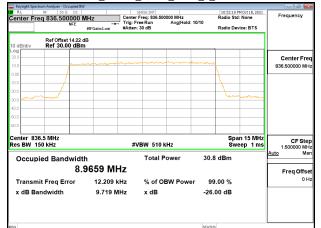
Band26 5MHz 64QAM RB25 0 CH27015

	ctrum Analyzer - Occupied BW	_	_					- 6 - ×
RL Center Fr	RF 50 Ω DC		SENSE:INT nter Freq: 846.500			11:04:33 F Radio Std	M Oct 18, 2021 : None	Frequency
	NFE		g: Free Run tten: 30 dB	Avg Hold: 10/		Radio Der	vice: BTS	
10 dB/div	Ref Offset 14.22 c Ref 30.00 dBm							
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enter 84 Res BW			#VBW 240 k	Hz			n 7.5 MHz p 3.8 ms	CF Ste 750.000 kH
Occup	ied Bandwidt	h	Total P	ower	28.5	dBm		<u>Auto</u> Ma
		5023 MHz						Freq Offse
Transm	nit Freq Error	-812 Hz	% of OE	3W Power	99.0	00 %		он
x dB Ba	andwidth	4.941 MHz	x dB		-26.0	0 dB		
iG					STATUS			

Band26 10MHz QPSK RB50 0 CH26840



Band26_10MHz_QPSK_RB50_0_CH26915



Band26 10MHz QPSK RB50 0 CH26990

	m Analyzer - Occupied BW				
	RF 50 Ω DC	Luz Cent	sense:INT er Freg: 844.000000 MHz	10:52:39 PM Oct 18, Radio Std: None	Frequency
Jeniler Fred	1044.000000 W	Trig:	Free Run Avg Hold:	10/10	
		#IFGain:Low #Atte	en: 30 dB	Radio Device: BT	5
	Ref Offset 14.22 d				
odB/div	Ref 30.00 dBm				
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enter 844 es BW 150			#VBW 510 kHz	Span 15 N Sweep 1	
	J KIIZ		WEDW STORIZ	9466P 1	1.500000 M Auto M
Occupie	ed Bandwidtl	n	Total Power	30.8 dBm	<u>Nuco</u> III
	8 9	9808 MHz			E 0/
					Freq Offs 0
Transmit	Freq Error	-6.072 kHz	% of OBW Powe	r 99.00 %	0
x dB Ban	dwidth	9.775 MHz	x dB	-26.00 dB	
6				STATUS	

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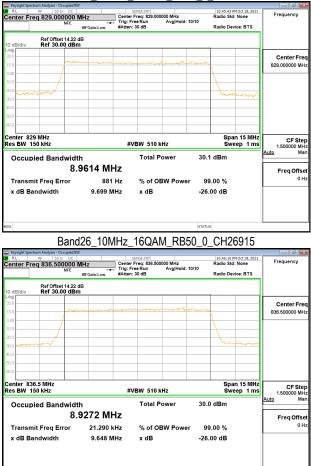
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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

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Band26_10MHz_16QAM_RB50_0_CH26840



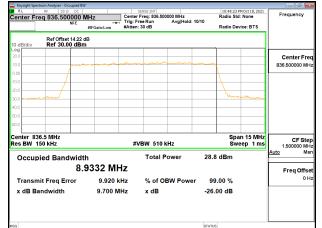
Band26 10MHz 16QAM RB50 0 CH26990

rum Analyzer - Occupied BW					- d 💌
	AH7 Cente			10:46:38 PM Oct 18, 202 Radio Std: None	1 Frequency
NFE	Trig:	FreeRun Avg Ho n:30 dB	old: 10/10	Radio Device: BTS	
					Center Freq
		warne and the second	di samen		844.000000 MHz
mann				mon	8
l MHz 50 kHz	#	VBW 510 kHz		Span 15 MH Sweep 1 m	CF Step
ed Bandwidt	h	Total Power	30.	0 dBm	Auto Man
					Freq Offset
it Freq Error	765 Hz	% of OBW Po	wer 9	9.00 %	0 Hz
ndwidth	9.723 MHz	x dB	-26	.00 dB	
			STATE	15	
	Ref 0300 den Ref 0300 den Ref 0300 den Mite ed Bandwidt 8,1 t Freq Error	89 89 00 Center g 844.000000 MIZ Error Mizer Center NFE BFCainLow Address Ref 30.00 dBm Mizer Browney MHz Browney Browney NHz Browney Browney NHz Browney Browney B0 kHz # to kHz # tree Bandwidth 8.9578 MHz tt Freq Error 765 Hz	BY 30 0C LESSEART OUT OF COMPARENT OF C	BY BY D 0 0C Sector Free: Sector Free: Sector Pree: Sector Pr	Image: State

Band26 10MHz 64QAM RB50 0 CH26840

	trum Analyzer - Occupied BV	/			
RL	RF 50 Ω DC		SENSE:INT ter Freq: 829.000000 MHz	10:47:31 PM Oct 18, 2021 Radio Std: None	Frequency
Senter Fr	eq 829.000000 I	VIHZ Tria	: Free Run Avg Hold: 10		1
	NPC.	#IFGain:Low #Att	en: 30 dB	Radio Device: BTS	
	Ref Offset 14.22				
0 dB/div	Ref 30.00 dBn	1			
20.0					Center Fr
		manna	manna		829.000000 M
	1				020.000000
	/				
0.0					1
20.0	1				
30.0	work way			mound	
40.0					
50.0					
60.0					
enter 82				Span 15 MH	
tes BW 1	50 kHz		#VBW 510 kHz	Sweep 1 ms	1.500000 M
Occur	ied Bandwidt	h	Total Power	28.9 dBm	Auto M
Occup			rotarr offor	2010 4211	
	8.	9819 MHz			Freq Offs
Tranem	nit Freq Error	-10.466 kHz	% of OBW Power	99.00 %	0
	-				
x dB Ba	andwidth	9.788 MHz	x dB	-26.00 dB	
ia.				STATUS	

Band26_10MHz_64QAM_RB50_0_CH26915



Band26 10MHz 64QAM RB50 0 CH26990

Keysight Spectrum Analyz	er - Occupied BV 50 Ω DC	v	SENSE:INT	10:49:16 PM Oct	18 2021
Center Freq 844	.000000		er Freg: 844.000000 MHz	Radio Std: Nor	
	NFE	#FGain:Low #Atte	Free Run Avg Hold:> n:30 dB	10/10 Radio Device: I	BTS
	ffset 14.22 30.00 dBr				
.og	30.00 GBI	n			
20.0					Center Fre
0.0	_	men when the second	and a second second		844.000000 M
1.00					
0.0	+			- <u>\</u>	—— — —
20.0					
30.0 Martin Anna 10.00	·			more	man
0.0					— —
50.0					
50.0					
enter 844 MHz				Span 1	
tes BW 150 kHz		#	≠VBW 510 kHz	Sweep	1 ms 1.500000 M
Occupied Ba	andwidt	h	Total Power	28.8 dBm	Auto M
		9836 MHz			FreqOffs
Transmit Free	Error	-12.904 kHz	% of OBW Powe	r 99.00 %	0
x dB Bandwid	-	9.735 MHz	x dB	-26.00 dB	
X db balldwid	ui i	8.755 MITZ	XUD	-20.00 00	
G				STATUS	

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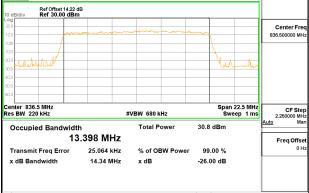
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Band26 15MHz QPSK RB75 0 CH26865

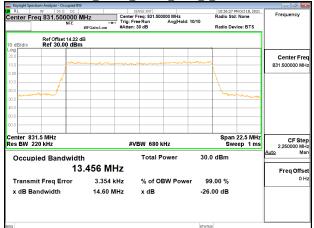
Keysight Spectrue					NSE:INT				M Oct 18, 2021	
enter Frec			7		NSE:INT rea: 831.500	000 MHz		Radio Std		Frequency
ontor FIEL		NFE	-+	, Trig: Fre	e Run	Avg Hold	:>10/10			
		#IF	Gain:Low	#Atten: 3	0 dB			Radio Dev	/ice: BTS	
	Ref Offset	14.22 dB								
0 dB/div og	Ref 30.00	dBm								
0.0										Center Fr
nn		mon	mm	mon	non	m	m			831,500000 M
	1									
10	/							1		
10 mm	mand							m		
1.0										
10										
1.0										
0.0										
enter 831.								Span	22.5 MHz	CF St
es BW 220) kHz			#VE	3W 680 k	Hz		Sw	eep 1 ms	2.250000 M
Occupie	d Donal				Total P	ower	31 0	dBm		Auto M
Occupie	ea Bana				Total F	04461	51.8	ubili		
		13.4	97 MI	HZ						Freq Offs
Transmit	Freg Err	or	23.381	kHz	% of OE	W Pow	er 99	.00 %		0
x dB Ban			14.53 N		x dB		26	00 dB		
	uwidth		14.53 N		X UB		-20.	00 UB		
G							STATUS			
		and	26 15				75 0	പാദ	015	
			0_10		Qr'or	<u>_r\D</u>	0_0		010	
					NSE:INT			10,05,00,0	M Oct 18, 2021	
Keysight Spectru	m Analyzer - Occi									
RL	m Analyzer - Occi RF 50 Ω	DC	z	Center F	req: 836.500			Radio Std		Frequency
RL	m Analyzer - Oco RF 50 Ω	DC 000 MH		Center F	req: 836.500 e Run	000 MHz Avg Hold	: 10/10	Radio Std	: None	Frequency
	m Analyzer - Oco RF 50 Ω	DC 000 MH	Z •→ •Gain:Low	Center F	req: 836.500 e Run		: 10/10		: None	Frequency
RL	m Analyzer - Oco RF 50 Ω	DC 000 MH: NFE MF 14.22 dB		Center F	req: 836.500 e Run		: 10/10	Radio Std	: None	Frequency



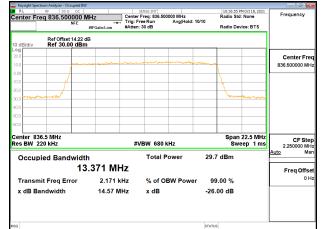
Band26_15MHz_QPSK_RB75_0_CH26965

CX RL						d 🗙
Center Fre	RF 50 Ω DC eq 841.500000 N NFE	Trig	SENSE:INT ter Freq: 841.600000 MHz g: Free Run Avg Hold ten: 30 dB	Radio S 10/10	IPMOct 18, 2021 td: None Freque evice: BTS	ency
10 dB/div	Ref Offset 14.22 d Ref 30.00 dBm					
20.0		,	-			ter Freq 1000 MHz
-10.0						
-30.0					-	
-50.0						
Center 84 Res BW 22			#VBW 680 kHz		veep 1 ms 2.250	CF Step 1000 MH
Occup	ied Bandwidth 13	411 MHz	Total Power	30.9 dBm	Auto Fre	Man q Offset
	it Freq Error Indwidth	8.903 kHz 14.50 MHz	% of OBW Powe x dB	er 99.00 % -26.00 dB		0 Hz
ISG				STATUS		

Band26 15MHz 16QAM RB75 0 CH26865



Band26_15MHz_16QAM_RB75_0_CH26915



Band26_15MHz_16QAM_RB75_0_CH26965

Center Freq 841.5000	00 MHz	SENSE:INT Center Freq: 841.50 Trig: Free Run #Atten: 30 dB	00000 MHz Avg Hold: 1	0/10	o:37:23 PM adio Std: adio Devi		Frequency
Ref Offset 1 I0 dB/div Ref 30.00							
20.0							Center Fre
10.0	aman	·······		man			841.500000 MI
1.00							
0.0				- N			
0.0					have		
0.0						Maran mar	
0.0							
50.0							
30.0							
Center 841.5 MHz Res BW 220 kHz		#VBW 680	kHz			22.5 MHz ep 1 ms	CF Ste 2.250000 M
Occupied Bandw	/idth	Total	Power	30.0 d	Bm		Auto M
	13.404 MI	Ηz					Freq Offs
Transmit Freq Erro	r -5.354 I	kHz % of C	BW Power	99.00	0 %		0
x dB Bandwidth	14.43 N	1Hz xdB		-26.00	dB		

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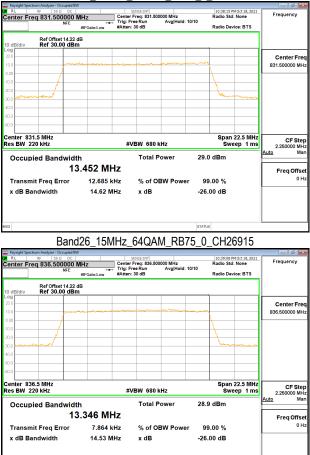
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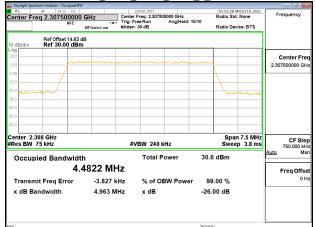
Band26 15MHz 64QAM RB75 0 CH26865



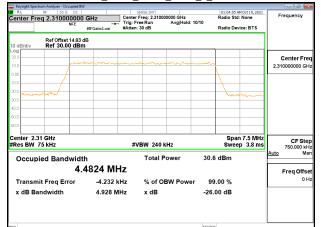
Band26 15MHz 64QAM RB75 0 CH26965

	trum Analyzer - Occupied	BW							- @ *
Contor Fr	RF 50 Ω DC eq 841.500000		SENS Center Free		000 MHz		10:40:00 Radio St	PM Oct 18, 2021	Frequency
	NFE	MFGain:Low		Run	Avg Hold	:>10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.2 Ref 30.00 de								
20.0									Center Freq
10.0					manny				841.500000 MHz
0.00							<u>\</u>		
-10.0	- /						1		
-20.0							1		
-30.0 	reaching						- was	mon	
-40.0									
-50.0									
-60.0									
Center 84 Res BW 2			#VBV	V 680 k	H7			22.5 MHz eep 1 ms	CF Step
	ied Bandwi	1+6		Total P		28.9	dBm	cep ins	2.250000 MHz <u>Auto</u> Man
		3.391 MI		- curr		2010			Freq Offset
Transm	it Freq Error	6.560	Hz 9	% of OE	BW Powe	er 99	.00 %		0 Hz
x dB Ba	indwidth	14.53 N	IHz)	dB		-26.	00 dB		
MSG						STATUS	5		

Band30 5MHz QPSK RB25 0 CH27685



Band30_5MHz_QPSK_RB25_0_CH27710



Band30 5MHz QPSK RB25 0 CH27735

RL RF 50 Ω Center Freq 2.312500 NF	Trig:	sense:int er Freq: 2.312500000 GHz Free Run Avg Hold: n: 30 dB	: 10/10	Radio Std		Frequency
Ref Offset 14 IO dB/div Ref 30.00						
20.0						Center Fre
10.0				(2.312500000 GH
0.0				1		
0.0				has	m	
0.0						
0.0						
50.0						
enter 2.313 GHz Res BW 75 kHz	#	≇VBW 240 kHz			n 7.5 MHz p 3.8 ms	CF Ste 750.000 k
Occupied Bandw	idth	Total Power	30.6	dBm		Auto M
	4.4840 MHz					Freq Offs
Transmit Freq Erro	-2.170 kHz	% of OBW Powe	ər 99.	.00 %		. 01
x dB Bandwidth	4.963 MHz	x dB	-26.0	00 dB		
sg			STATUS			I

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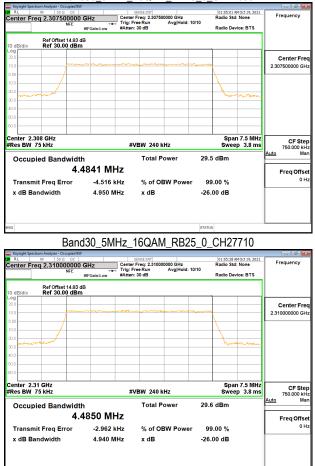
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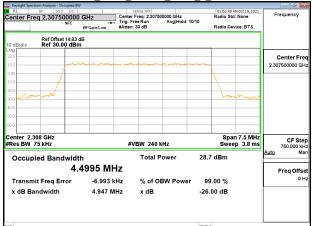
Band30 5MHz 16QAM RB25 0 CH27685



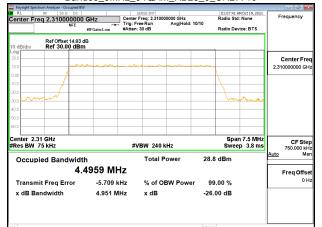
Band30 5MHz 16QAM RB25 0 CH27735

ter Freq 2.312500000 GHz Center Freq. 2312500000 GHz Radio Std: None Frequency NFE Freq. 2312500000 GHz Radio Std: None Frequency Trig: Free Mun Avg(Hold: 10/10 Radio Device: BTS Ref Offset 14.83 dB		trum Analyzer - Occupie							
Ref Offset 1430 dB Ref Offset 1430 dB Ref 30.00 dBm Ref 30.00 dBm Center Freq 2.312500000 GHz ter 2.313 GHz s BW 75 kHz ter 2.313 GHz s BW 75 kHz ter 2.4180 dHz ter 2.4180 dHz te	X RL			SENSE:INT Center Freg: 2.3125	00000 GHz				Frequency
Biddy Ref 30.00 dBm Image: Comparison of the second				Trig: Free Run	Avg Hold: 1	0/10	Radio De	vice: BTS	
ter 2.313 GHz s BW 75 KHz ter 2.413 GHz s BW 75 KHz ter 2.413 GHz s BW 75 KHz ter 2.416 GHz s GP Step T50.000 KHz ter 2.9.6 dBm ter 2.9.6 dBm	10 dB/div								
ter 2.313 GHz s BW 75 KHz ter 2.413 GHz s BW 75 KHz ter 2.413 GHz s BW 75 KHz ter 2.416 GHz s GP Step T50.000 KHz ter 2.9.6 dBm ter 2.9.6 dBm	20.0								Center Freq
ter 2.313 GHz s BW 75 kHz #VBW 240 kHz Span 7.5 MHz s BW 75 kHz #VBW 240 kHz Sweep 3.8 ms Auto Man 4.4861 MHz Freq Offset Freq Offset	10.0			mon man	m	mm			
ter 2.313 GHz s BW 75 kHz #VBW 240 kHz Span 7.5 MHz s BW 75 kHz #VBW 240 kHz Sweep 3.8 ms Auto Man 4.4861 MHz Freq Offset Freq Offset	0.00						\		
ter 2.313 GHz s BW 75 kHz #VBW 240 kHz Span 7.5 MHz s BW 75 kHz #VBW 240 kHz Sweep 3.8 ms Auto Man 4.4861 MHz Freq Offset Freq Offset	-10.0						<u>\</u>		
ter 2.313 GHz s BW 75 kHz #VBW 240 kHz Span 7.5 MHz s BW 75 kHz #VBW 240 kHz Sweep 3.8 ms Auto Man 4.4861 MHz Freq Offset Freq Offset	-20.0						<u> </u>		
s BW 75 kHz = Sweep 3.8 ms bccupied Bandwidth Total Power 29.6 dBm 4.4861 MHz = Freq Offset	-30.0	menne					محمر	mon	
s BW 75 kHz = Sweep 3.8 ms bccupied Bandwidth Total Power 29.6 dBm 4.4861 MHz = Freq Offset	-40.0								
s BW 75 kHz = Sweep 3.8 ms bccupied Bandwidth Total Power 29.6 dBm 4.4861 MHz = Freq Offset	-50.0								
s BW 75 kHz = Sweep 3.8 ms bccupied Bandwidth Total Power 29.6 dBm 4.4861 MHz = Freq Offset	-60.0	_							
Auto Man Auto Man Auto Man Auto Man Auto Man Freq Offset				#V/BW/ 240	kH7				CF Step
4.4861 MHz Freq Offset			dth			29.6		p 0.0 mb	
ransmit Freq Error -2.796 kHz % of OBW Power 99.00 %	occup			lz					Freq Offset
	Transm	nit Freq Error	-2.796 k	Hz % of C	BW Power	99	.00 %		0 Hz
dB Bandwidth 4.954 MHz x dB -26.00 dB	x dB Ba	andwidth	4.954 M	Hz x dB		-26.0	00 dB		
STATUS	MSG					eranie			

Band30 5MHz 64QAM RB25 0 CH27685



Band30_5MHz_64QAM_RB25_0_CH27710



Band30 5MHz 64QAM RB25 0 CH27735

RL RF 50 Ω DC Center Freq 2.312500000 NFE NFE	Trig:	sense:INT rr Freq: 2.312500000 GHz Free Run Avg Hold: n: 30 dB	Radio 10/10	33 AM Oct 19, 2021 Std: None Device: BTS	Frequency	
Ref Offset 14.83 d IO dB/div Ref 30.00 dBm						
-0g 20.0	~~~~~~~	-	~~~~		Center Fre	
0.00						
20.0				man		
10.0						
60.0						
Center 2.313 GHz Res BW 75 kHz	#	VBW 240 kHz	SI Sw	oan 7.5 MHz eep 3.8 ms	CF Ste 750.000 kH	
Occupied Bandwidt		Total Power	28.8 dBm		Auto M	
4.4	4973 MHz				Freq Offs	
Transmit Freq Error	-6.006 kHz	% of OBW Powe	r 99.00 %		0	
x dB Bandwidth	4.954 MHz	x dB	-26.00 dB			
sg			STATUS			

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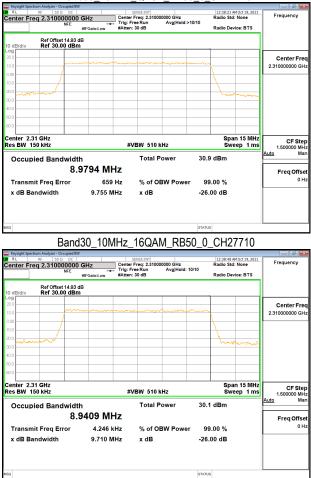
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Report No.: ER/2021/A0027-01 Page: 165 of 422

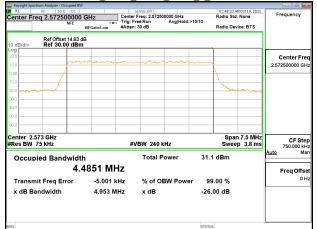
Band30 10MHz QPSK RB50 0 CH27710



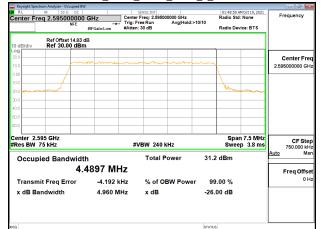
Band30 10MHz 64QAM RB50 0 CH27710

	trum Analyzer - Occupied BW				- 6 ×
Center Fro	RF 50 Ω DC eq 2.310000000	GH7 Cente	SENSE:INT Freq: 2.310000000 GHz	12:39:41 AM Oct 19, 20 Radio Std: None	21 Frequency
ocnicer i rit	NFE	Trig:	Free Run Avg Hold: 1 n: 30 dB	0/10 Radio Device: BTS	
10 dB/div	Ref Offset 14.83 d Ref 30.00 dBm				
20.0					Center Freq
0.00					2.310000000 GHz
-10.0					-1
-20.0	mond			home	
-30.0				- man	W.
50.0					
-60.0					-
Center 2.3 Res BW 1		#	VBW 510 kHz	Span 15 Mi Sweep 1 n	
Occup	ied Bandwidt	า	Total Power	28.9 dBm	Auto Man
		9644 MHz			Freq Offset
Transm	nit Freq Error	-3.988 kHz	% of OBW Power	99.00 %	0 Hz
x dB Ba	andwidth	9.732 MHz	x dB	-26.00 dB	
wsg				STATUS	

Band38 5MHz QPSK RB25 0 CH37775



Band38_5MHz_QPSK_RB25_0_CH38000



Band38 5MHz QPSK RB25 0 CH38225

RL RF Center Freq 2.61	NFE	Trig:	SENSE:INT er Freq: 2.617500000 GH Free Run Avg H n: 30 dB	z old: 10/10	Radio Sto		Frequency
10 dB/div Ref 3	fset 14.83 di 0.00 dBm	3					
20.0		mm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man			Center Fre 2.617500000 GH
0.00	A				\land		
20.0 ~~~~~~~~~	r			_	Yerter	mm	
10.0							
50.0							
Center 2.618 GHz Res BW 75 kHz			VBW 240 kHz		Spa Swee	n 7.5 MHz ep 3.8 ms	CF Ste 750.000 ki
Occupied Ba			Total Power	31.	1 dBm		Auto M
	4.4	936 MHz					Freq Offs
Transmit Freq	Error	-3.785 kHz	% of OBW Po	wer 9	9.00 %		01
x dB Bandwidt	h	4.952 MHz	x dB	-26	00 dB		
sg				STATU	s		<u> </u>

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Band38 5MHz 16QAM RB25 0 CH37775

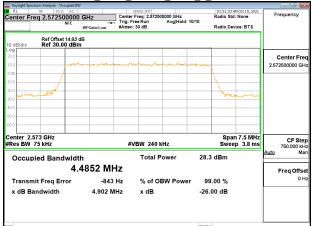
Keysight Spectrum Analyzer - Occupied BW		6				
RL RF 50 Ω DC enter Freg 2.572500000 GHz	SENSE:INT 01:49:45 AM Oct 19, 2021 Center Freq: 2.572500000 GHz Radio Std: None Frequ					
NFE	Trig: Free Run Avg/Hold: 10/10					
#FGain:Lo	w #Atten: 30 dB Radio Device: BTS					
Ref Offset 14.83 dB 5 dB/div Ref 30.00 dBm						
og						
5.0		ter Fre				
.00	2.572500	0000 GI				
5.0						
0.0						
5.0						
.0						
5.0						
.0						
05						
enter 2.573 GHz	Span 7.5 MHz	CF St				
Res BW 75 kHz	#VBW 240 KHZ Sweep 3.8 ms).000 k				
Occupied Bandwidth	Total Power 29.2 dBm	м				
4.4811	N411-					
4.4811	IVI TZ Fre	q Offs				
Transmit From From 1 411 kHz % of OPW Power 00.00 %						
Transmit Freq Error -1.4	11 kHz % of OBW Power 99.00 %	0				
-	11 kHz % of OBW Power 99.00 % 55 MHz x dB -26.00 dB	U				
x dB Bandwidth 4.93	IS MHz x dB -26.00 dB	0				
x dB Bandwidth 4.93	IS MHZ x dB -26.00 dB ISTATUS ISTATUS SMHz_16QAM_RB25_0_CH38000					
x dB Bandwidth 4.93	IS MHZ x dB -26.00 dB [status] [status] SMHz_16QAM_RB25_0_CH38000 [status]					
x dB Bandwidth 4.93	55 MHz x dB -26.00 dB					
x dB Bendwidth 4.93	55 MHz x dB -26.00 dB					
x dB Bandwidth 4.93	55 MHz x dB -26.00 dB					
x dB Bandwidth 4,93	55 MHz x dB -26.00 dB					
x dB Bandwidth 4.93	55 MHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4,93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	SMHz x dB -26.00 dB	ency ter Fr				
x dB Bandwidth 4.93	S MHz x dB -26.00 dB pratus SMHz_16QAM_RB25_0_CH38000 SMHz_16QAM_RB25_0_CH38000 Center free States 2 5600000 0Hs, Trig: Free Run AvgHold: 10:10 Radio But: Rone Radio Device: BTS Center free States 2 5600000 Center free Run AvgHold: 10:10 Radio Device: BTS Center free Run AvgHold: 10:10 Run AvgHold	ter Fr				
x dB Bandwidth 4.93	55 MHz x dB -26.00 dB pratus 50 MHz_16QAM_RB25_0_CH380000 SMHz_16QAM_RB25_0_CH380000 Center Frequencies 28000000 GHz Trig: Freq Run AvgiHold: 10/10 Ratio Device: BTS Ratio Device: BTS Center Frequencies 28000000 GHz Ratio Device: BTS Span 7.5 MHz	ency ter Fr				

#Res BW 75 kHz		#VBW 240 kHz	Sweep 3.8 ms	
Occupied Bandwidth	ı	Total Power	29.1 dBm	Auto M
4.4	4830 MHz			Freq Offs
Transmit Freq Error	-2.574 kHz	% of OBW Power	99.00 %	01
x dB Bandwidth	4.946 MHz	x dB	-26.00 dB	

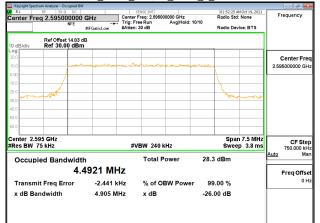
Band38 5MHz 16QAM RB25 0 CH38225

	trum Analyzer - Occupied BW							- 0 ×
CXI RL	RF 50 Ω DC		SENSE:INT				AM Oct 19, 2021	Frequency
Center Fre	eq 2.617500000	GHz	Center Freq: 2.6175 Trig: Free Run	00000 GHz AvalHold::	10/10	Radio St	d: None	linequency
	NFE	#IFGain:Low	Atten: 30 dB	Angli Iola.	10.10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.83 d Ref 30.00 dBm	в						
20.0								Center Freq
10.0	mon			man man	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			2.617500000 GHz
0.00						\		
-10.0						<u> </u>		
-20.0	Nume					have	m	
-30.0								
-40.0								
-50.0								
-60.0								
Center 2.6 #Res BW			#VBW 240	kHz			n 7.5 MHz ep 3.8 ms	CF Step 750.000 kHz
Occup	ied Bandwidtl	.	Total F	ower	29.2	dBm		<u>Auto</u> Man
occup		4826 MHz	,					Freq Offset
Tranam	it Freg Error	-3.502 kH		BW Powe	- 00	.00 %		0 Hz
	-			DW FOWe				
x dB Ba	indwidth	4.935 MH	z xdB		-26.	00 dB		
MSG					STATUS			

Band38 5MHz 64QAM RB25 0 CH37775



Band38_5MHz_64QAM_RB25_0_CH38000



Band38 5MHz 64QAM RB25 0 CH38225

Keysight Spectrum Analyzer - Occupies RL RF 50 Ω DC		SENSE:INT		AM Oct 19, 2021	Frequency
Center Freq 2.6175000		r Freq: 2.617500000 GHz Free Run AvgiHolo		td: None	Frequency
NFC		n: 30 dB		evice: BTS	
Ref Offset 14.6					
	many	mann	rama		Center Fr 2.617500000 G
0.00					2.817500000 G
10.0			λ.		
20.0					
30.0				American	
40.0					
50.0					
60.0					
Center 2.618 GHz			Sp	an 7.5 MHz	CF St
#Res BW/75 kHz	#	#VBW 240 kHz			750.000 k
Occupied Bandwi	dth	Total Power	29.3 dBm		<u>Auto</u> M
	.4937 MHz				Freq Offs
Transmit Freq Error	-2.554 kHz	% of OBW Pow	er 99.00 %		0
x dB Bandwidth	4.920 MHz	x dB	-26.00 dB		
sg			STATUS		

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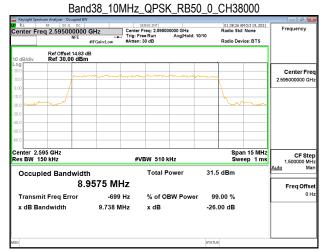
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Band38 10MHz QPSK RB50 0 CH37800

enter Fre	RF 50 Ω DC eq 2.575000000 NFE	Trig	SENSE:INT 01:37:58 AM Oct 19, 2021 nter Freq: 2.575000000 GHz Radio Std: None g: Free Run Avg Hold:>10/10 tten: 30 dB Radio Device: BTS			Frequency
0 dB/div	Ref Offset 14.83 Ref 30.00 dBr	dB				
og 0.0	- prom	mmm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m	7	Center Fre 2.575000000 GH
00).0).0					Lom	
1.0						
0.0						
enter 2.5 es BW 1			#VBW 510 kHz		Span 15 Sweep	1 ms 1.500000 MH
Occup	ied Bandwidt 8.	^h 9410 MHz	Total Powe	r 31	.6 dBm	Auto Ma
	it Freq Error Indwidth	4.184 kHz 9.661 MHz	% of OBW I x dB		99.00 % 6.00 dB	0 H
1				STA		



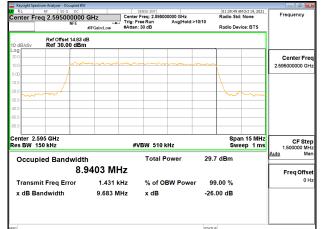
Band38 10MHz QPSK RB50 0 CH38200

Keysight Spect	trum Analyzer - Occupied BW						
	RF 50 Ω DC eq 2.615000000		SENSE:INT er Freq: 2.615000000 GH		Radio Std:	None	Frequency
	NFE	Trig	:FreeRun Avg H en:30 dB	old:>10/10	Radio Devi	ice: BTS	
10 dB/div	Ref Offset 14.83 d Ref -15.17 dBn						
.og						mm	Center Fre
5.2							2.615000000 GH
5.2							
5.2				_			
5.2				_			
5.2							
5.2							
5.2							
enter 2.6 es BW 1			#VBW 510 kHz			n 15 MHz ep 1 ms	CF Ste
Occup	ied Bandwidt	h	Total Power	31.5	5 dBm		<u>Auto</u> M
		9633 MHz					Freq Offs
Transm	it Freq Error	-1.710 kHz	% of OBW Po	wer 99	9.00 %		0
x dB Ba	ndwidth	9.743 MHz	x dB	-26.	00 dB		
G				STATU	s		

Band38_10MHz_16QAM_RB50_0_CH37800

	ctrum Analyzer - Occupied BW						- a 🛃
RL	RF 50 Ω DC	CH- Cerr	SENSE:INT ter Freg: 2.5750000	00 GHz	01:39:21 AM Radio Std:	Oct 19, 2021	Frequency
enter Fr	eq 2.575000000	Trig	: Free Run /	Avg Hold:>10/10	Raulo atu.	None	
	in c	#IFGain:Low #Att	en: 30 dB		Radio Devi	ce: BTS	
	Ref Offset 14.83 d	B					
0 dB/div	Ref 30.00 dBm						
og							Center Fre
	mon	manne	mann	m	~		2.575000000 G
	/						2.575000000 Gi
					N N		
0.0					1		
0.0	m				- And	meno	
0.0							
0.0					_		
0.0							
0.0							
enter 2.						n 15 MHz	CF Ste
es BW/1	150 kHz		#VBW 510 kH	z	Swe	ep 1ms	1.500000 MI
Occur	oied Bandwidth	•	Total Pov	ver 29	.7 dBm		Auto Mi
Occup							
	8.8	9386 MHz					Freq Offs
Transm	nit Freg Error	7.555 kHz	% of OBV	V Power 9	99.00 %		0
	-						
x dB Ba	andwidth	9.664 MHz	x dB	-2	6.00 dB		
0				STA	n 10		

Band38_10MHz_16QAM_RB50_0_CH38000



Band38 10MHz 16QAM RB50 0 CH38200

X RL RF 50 Ω DC Center Freq 2.615000000 NFE	Trig:	sense:int rr Freq: 2.615000000 GHz Free Run Avg Holo n: 30 dB	d: 10/10	Radio Dev		Frequency
10 dB/div Ref 30.00 dBm						
20.0						Center Fre
10.0	and the second s	······	m			2.615000000 GH
0.00						
				1.		
30.0				~~···		
40.0						
50.0						
60.0						
Center 2.615 GHz Res BW 150 kHz	ŧ	VBW 510 kHz			n 15 MHz ep 1 ms	CF Ste 1.500000 MH
Occupied Bandwidt	h	Total Power	29.6	dBm		<u>Auto</u> Ma
	9411 MHz					Freq Offs
Transmit Freq Error	1.982 kHz	% of OBW Pow	er 99.	.00 %		01
x dB Bandwidth	9.697 MHz	x dB	-26.0	00 dB		
sg			STATUS			

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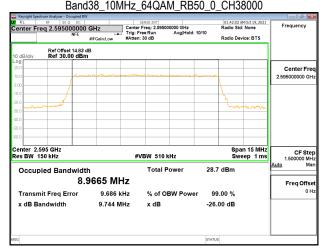
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Band38 10MHz 64QAM RB50 0 CH37800

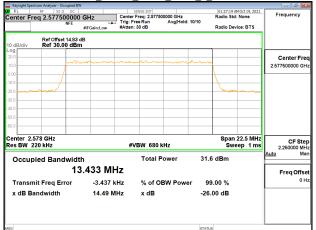
enter Fre	RF 50 Ω DC eq 2.575000000 NFE		SENSE:INT Iter Freq: 2.5750 1: Free Run	100000 GHz Avg Hold: 11	Radio S	9 AM Oct 19, 2021 td: None	Frequency
	NFE		ten: 30 dB	, training the second sec		evice: BTS	
dB/div	Ref Offset 14.83 Ref 30.00 dBr						
u							Center Fr
.0	m		mangen				2.575000000 G
0	1				1		
0	1				\sim		
	manar				- Jum	mm	
0							
0							
nter 2.5 s BW 1			#VBW 510	1-1 I		an 15 MHz	CF St
SEW 1	50 KH2					weep 1ms	1.500000 M Auto M
Occup	ied Bandwidt		Total I	Power	28.5 dBm		
	8.	9496 MHz					Freq Offs
Transm	nit Freq Error	-4.587 kHz	% of O	BW Power	99.00 %		0
x dB Ba	andwidth	9.682 MHz	x dB		-26.00 dB		
					STATUS		



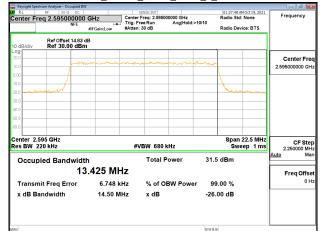
Band38 10MHz 64QAM RB50 0 CH38200

Center Freq 2.615000000 GHz NE ArticlanLow Tg: Freq 2.615000000 GHz ArticlanLow Tg: Freq Difference Araginetic total Radio Device BTS Radio Device BTS		Analyzer - Occupied BW					
N°E Ing: Free Rul Avginted: 10/10 Radio Device: BTS 10 Gelddir Ref Offset 1483 dB Conternation Conternation 00 0 0 0 0 0 0 0 00 0	RL RF					01:43:04 AM Oct 19, 2021 Radio Std: None	Frequency
0 dBiddiv Ref 30.00 dBm 20 dBiddiv Ref 30.0		NFE	Ing		lold: 10/10	Radio Device: BTS	
200 Contert 280 Contert 281500000 Contert Contert Statuto Contert Statuto Contert Statuto Contert Statuto Contert Statuto Contert Statuto Concupied Bandwidth Total Power 28.8 dBm 9.0079 MHz Freq Ol	0 dB/div						
2.5 100000 100 100 100 100 100 100 1							Center Fre
Image: CF 4 Span 15 MHz Center 2.815 GHz Span 15 MHz Center 2.815 GHz Span 15 MHz Cocupied Bandwidth Total Power 28.8 dBm 9.0079 MHz Freq Ol	10.0	durchar's	and the second s	a tester marine a state of the server	mann		2.615000000 GH
200 200 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Image: Constraint of the second se						Y.	
All	M. M. M. M.	www				havenume	
Center 2.615 GHz tes BW 150 KHz #VBW 510 KHz Sweep 1 ms Occupied Bandwidth Total Power 28.8 dBm 9.0079 MHz Freq Ol							
enter 2.615 GHz tes BW 150 KHz Span 15 MHz tes BW 150 KHz #VBW 510 kHz Sweep 1 ms Occupied Bandwidth Total Power 28.8 dBm 9.0079 MHz Freq Ol	50.0						
tes BW 150 kHz ±VFW 510 kHz \$weep 1 ms Occupied Bandwidth Total Power 28.8 dBm 9.0079 MHz Freq Ol	0.0						
Occupied Bandwidth Total Power 28.8 dBm Auto 9.0079 MHz Freq Ol				#VBW 510 kHz			
9.0079 MHz Freq O	Occupied	Bandwidth		Total Power	28.8	dBm	
Transmit Frag Error 2 597 kHz % of OBW Bower 00.00 %	occupica		079 MHz				Freq Offse
Transmit Fled Enor -2.387 KHZ % OF OBW Fower \$9.00 %	Transmit F	req Error	-2.587 kHz	% of OBW Po	ower 99	.00 %	0 H
x dB Bandwidth 9.717 MHz x dB -26.00 dB	x dB Band	width	9.717 MHz	x dB	-26.	00 dB	
sg status	80				STATUS		

Band38_15MHz_QPSK_RB75_0_CH37825



Band38_15MHz_QPSK_RB75_0_CH38000



Band38 15MHz QPSK RB75 0 CH38175

Keysight Spectrum Analyzer - Occupied I	3W			- 6 <u>-</u>
RL RF 50Ω DC		SENSE:INT	01:28:15 AM Oct Radio Std: No	
Center Freq 2.61250000		r Freq: 2.612500000 GHz Free Run AvgiHold: 1		ne
NFE		n: 30 dB	Radio Device:	BTS
Ref Offset 14.83	dB			
0 dB/div Ref 30.00 dB				
og				Center Fre
	mmmmm	monor	ma	2.612500000 G
100				2.01200000 01
manon			mann	
0.0				
10.0				
0.0				
50.0				
50.0				
enter 2.613 GHz			Span 22.	
Res BW 220 kHz	#	VBW 680 kHz	Sweep	1 ms 2.250000 M
Occupied Bandwid	ith	Total Power	31.7 dBm	Auto M
•				
1	3.435 MHz			Freq Offs
Transmit Freg Error	-5.782 kHz	% of OBW Power	99.00 %	0
x dB Bandwidth	14.52 MHz	x dB	-26.00 dB	
X db Banawiadi	14.02 11112	A GD	-20.00 00	
sg			STATUS	

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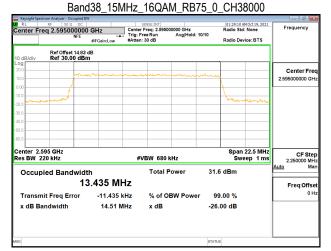
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Band38 15MHz 16QAM RB75 0 CH37825

Keysight Spe	ectrum Analyzer - Occupied BW RF 50 Ω DC	1	SENSE:INT			01/28/42	AM Oct 19, 2021	- Ø -
	reg 2.577500000	GHz	Center Freq: 2.577 Trig: Free Run	500000 GHz AvgiHold:>		Radio Sto		Frequency
	NFE	#IFGain:Low	#Atten: 30 dB	Avginoid:>		Radio De	vice: BTS	
10 dB/div	Ref Offset 14.83 o Ref 30.00 dBn							
20.0								Center Freq
10.0	prin	An or a construction of the			many			2.577500000 GHz
0.00	1				-	\backslash		
-10.0 -20.0	mont					horm	man	
-30.0								
-40.0								
-50.0								
-60.0								
Center 2. Res BW 2			#VBW 680	kHz	,		22.5 MHz eep 1 ms	CF Step 2.250000 MHz
Occup	pied Bandwidt	h	Total	Power	31.6	dBm		<u>Auto</u> Man
	13	.450 MH	z					Freq Offset
Transn	nit Freq Error	-4.846 kl	Hz % of C	BW Powe	r 99.	00 %		0 Hz
x dB B	andwidth	14.71 MI	Hz xdB		-26.0	0 dB		
MSG					STATUS			



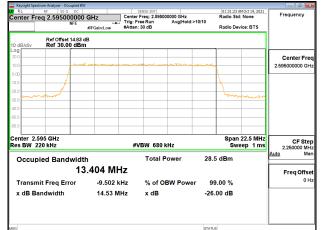
Band38 15MHz 16QAM RB75 0 CH38175

	rum Analyzer - Occupied Bi	v						@ <mark></mark>
Center Fre	RF 50 Ω DC	GHz	SENSE:INT Center Freq: 2.612			Radio St	AM Oct 19, 2021	Frequency
	NFE	#IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold	: 10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.83 Ref 30.00 dBr							
20.0								Center Freg
10.0	m	-			mann			2.612500000 GHz
0.00	A					λ		
-10.0	and the second			_		1 mar	mm	
-20.0								
-30.0								
-40.0								
-50.0								
-60.0								
Center 2.6 Res BW 23			#VBW 680	kHz			22.5 MHz eep 1 ms	CF Step 2.250000 MHz
Occup	ied Bandwidt	h	Total	Power	31.6	6 dBm		<u>Auto</u> Man
	13	3.442 M <mark>⊢</mark>	lz					Freq Offset
Transm	it Freq Error	-16.028 k	Hz % of C	BW Powe	er 99	9.00 %		0 Hz
x dB Ba	ndwidth	14.67 M	Hz xdB		-26.	00 dB		
MSG					STATU	s		

Band38_15MHz_64QAM_RB75_0_CH37825

	m Analyzer - Occupied BV RF 50 Ω DC	1		E:INT			01-20-20	AM Oct 19, 2021	
	2.577500000		Center Fre	q: 2.57750	0000 GHz Avg Hold:		Radio St		Frequency
	NFE	#IFGain:Low	#Atten: 30		Avginoid:	10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.83 (Ref 30.00 dBn								
og 20.0									Center Fre
0.0		at an por			-second				2.577500000 GH
.00	+ <u> </u>						h.		
0.0							X		
).0).0							tim	man	
0.0									
0.0									
0.0									
enter 2.57 es BW 220			#VB	N 680 H	(Hz			n 22.5 MHz reep 1 ms	CF Ste 2.250000 MI
Occupie	ed Bandwidt	h		Total P	ower	28.	5 dBm		Auto Ma
		8.410 MH	łz						Freq Offs
Transmit	Freq Error	-3.678 k	Hz	% of O	BW Powe	er 9	9.00 %		01
x dB Ban	dwidth	14.62 M	Hz	x dB		-26	.00 dB		
2						STATI	10		

Band38_15MHz_64QAM_RB75_0_CH38000



Band38 15MHz 64QAM RB75 0 CH38175

	trum Analyzer - Occupied BW						
RL	RF 50 Ω DC	China Centre	SENSE:INT Freg: 2.612500000 GHz		01:32:16/ Radio Sto	M Oct 19, 2021	Frequency
Senter Fre	eq 2.612500000 NFE	Trig:		ld:>10/10	Radio De		
0 dB/div	Ref Offset 14.83 c Ref 30.00 dBm						
20.0							Center Fre
10.0		Lannausan		un mon			2.612500000 G
1.00					A		
0.0					H.		
0.0	mont				hom	min	
10.0							
50.0							
50.0							
Center 2.6	513 GHz				Span	22.5 MHz	CF Ste
ResBW 2	20 kHz	#	VBW 680 kHz		Sw	eep 1 ms	2.250000 M
Occup	ied Bandwidt	h	Total Power	28.	6 dBm		Auto M
	13	.403 MHz					Freq Offs
Transm	nit Freq Error	-6.140 kHz	% of OBW Pov	wer 99	9.00 %		0
x dB Ba	andwidth	14.53 MHz	x dB	-26	.00 dB		
sg				STATU			

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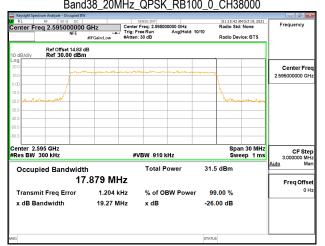
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Report No.: ER/2021/A0027-01 Page: 170 of 422

Band38 20MHz QPSK RB100 0 CH37850

enter Fre	RF 50 Ω eq 2.580000 N	0000 GI	Hz Gain:Low ↔	Center F		0000 GHz Avg Hold:	10/10	Radio St	AM Oct 19, 2021 d: None vice: BTS	Frequency
0 dB/div	Ref Offset 1 Ref 30.00									
0g 20.0		ر م ^{یر م} احم _م احی	your and the	-		mulphu	······			Center Fre 2.580000000 GH
0.0								N.		
0.0								~~~	1 Marine Constant	
50.0										
enter 2.5 Res BW				#VE	3W 910 k	Hz			an 30 MHz eep 1 ms	CF Ste 3.000000 MI
Occup	ied Bandv		390 MI	۰z	Total P	ower	30.4	dBm		Auto Mi
	nit Freq Erro Andwidth	or	4.663 H 19.24 N		% of Ol x dB	BW Powe		.00 % 00 dB		01
G							STATUS			



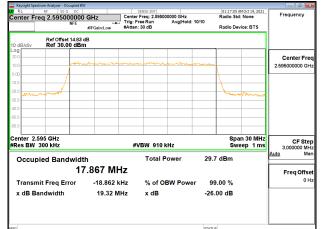
Band38 20MHz QPSK RB100 0 CH38150

Keysight Spectrum Analyzer - Occupied BW				- @ <u>*</u>
X RL RF 50 Ω DC Center Freq 2.610000000	GHz Cente	r Freq: 2.610000000 GHz	01:16:09 AM Oct 19, 202 Radio Std: None	Frequency
NFE	#IFGain:Low #Atter	Free Run Avg Hold:1 n:30 dB	10/10 Radio Device: BTS	
Ref Offset 14.83 c 10 dB/div Ref 30.00 dBm				
.og 20.0				Center Free
10.0	and a second and a second	and the second	m	2.610000000 GH
1.00				-
10.0			harmon	
20.0				
0.0				
0.0				
0.0				
enter 2.61 GHz Res BW 300 kHz	#	VBW 910 kHz	Span 30 MH Sweep 1 m	
Occupied Bandwidt		Total Power	31.5 dBm	3.000000 MH Auto Ma
•	.894 MHz			Freq Offse
Transmit Freq Error	-3.039 kHz	% of OBW Power	r 99.00 %	0+
x dB Bandwidth	19.32 MHz	x dB	-26.00 dB	
sg			STATUS	

Band38 20MHz 16QAM RB100 0 CH37850

	rum Analyzer - Occupied BV	1					00
RL	RF 50 Ω DC		SENSE:INT			M Oct 19, 2021	Frequency
enter Fre	eq 2.580000000		enter Freq: 2.58000 rig: Free Run	00000 GHz Avg Hold: 10/1	Radio Sto	: None	riequency
	NFE		Atten: 30 dB	Avginoid: 10/1	Radio De	deel DTC	
		#IFGain:Low #/	Attent. So ub		Radio De	VICE. DT3	
	Ref Offset 14.83	-					
dB/div	Ref -10.00 dBi						
g	Rei - 10.00 ubi						
	1						0
anom	the start and the				- married	Manyo	Center Fr
							2.580000000 G
10							
0.0							
1.0							
0.0							
00							
enter 2.5	8 GHz				Spa	n 30 MHz	0.5.01
Res BW 3			#VBW 9101	kH7		eep 1 ms	CF Ste
							3.000000 M
0	ied Bandwidt	h.	Total P	ower	29.7 dBm		Auto M
Occupi	ieu Bandwidt	n	Total I	00001	23.7 000		
	17	7.866 MHz					
		.000 11112					Freq Offs
Tranemi	it Freg Error	-15.117 kHz	% of O	BW Power	99.00 %		0
mansiin		-13.117 КН2	/////	DWTOWEI	33.00 %		
x dB Ba	ndwidth	19.34 MHz	x dB		-26.00 dB		

Band38_20MHz_16QAM_RB100_0_CH38000



Band38 20MHz 16QAM RB100 0 CH38150

RL RF 50 Ω DC Center Freq 2.610000000		SENSE:INT r Freq: 2.610000000 GHz		01:17:32 Al Radio Std:	None	Frequency
NFE	Trig: I	Free Run Avg Hold 1:30 dB	: 10/10	Radio Dev	ice: BTS	
Ref Offset 14.83						
og 20.0						Center Fre
10.0	and a second		m			2.61000000 G
1.00						
0.0 Annual annual				have	man	
20.0						
10.0						
50.0						
50.0						
enter 2.61 GHz Res BW 300 kHz	#	VBW 910 kHz			n 30 MHz ep 1 ms	CF Ste 3.000000 M
Occupied Bandwidt	b	Total Power	31.6	dBm	<u> </u>	Auto Mi
		Total Tower	51.0	UD III		
17						Freq Offs
Transmit Freq Error	-22.281 kHz	% of OBW Pow		.00 %		01
x dB Bandwidth	19.24 MHz	x dB	-26.	00 dB		
10			STATUS			

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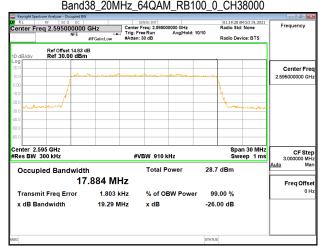
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Band38 20MHz 64QAM RB100 0 CH37850

Keysight Spect	trum Analyzer - Occupied B	N					
	RF 50 Ω DC eq 2.580000000	GH7 C	SENSE:INT enter Freg: 2.5800	00000 GHz	Radio St	AM Oct 19, 2021 d: None	Frequency
	NFE		rig: Free Run Atten: 30 dB	Avg Hold: 10		vice: BTS	
		#IFGain:Low #/	Attent. So ub		Radio De	vice. D 1 3	
	Ref Offset 14.83						
0 dB/div og	Ref -15.17 dB	m			1		
5.2 month	mand				- Kannan	man	Center Fre
5.2							2.58000000 GI
5.2							
5.2							
5.2							
5.2							
52							
5.2							
105							
enter 2.5						an 30 MHz	CF Ste
Res BW :	300 kHz		#VBW 910	kHz	Sw	reep 1 ms	3.000000 MI
Occup	ied Bandwid	h	Total F	Power	28.7 dBm		Auto M
occup		 7.881 MHz					
							Freq Offs
Transm	it Freq Error	-423 Hz	s % of O	BW Power	99.00 %		01
v dB Ba	ndwidth	19.10 MHz	x dB		-26.00 dB		
					20100 02		
0					STATUS		
G					514105		



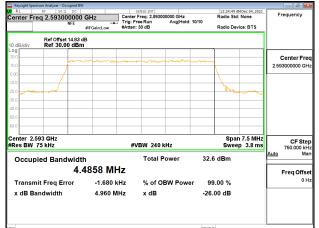
Band38 20MHz 64QAM RB100 0 CH38150

	rum Analyzer - Occupied BV	N				
enter Fre	RF 50 Ω DC eq 2.610000000		SENSE:INT nter Freq: 2.610000000 GH:		01:20:46 AM Oct 19, Radio Std: None	Frequency
	NFE	Tri	g:FreeRun Avg H tten:30 dB	old: 10/10	Radio Device: BT	5
10 dB/div	Ref Offset 14.83 (Ref 30.00 dBn					
.og 20.0						Center Fre
10.0		Mar m	ann deama contrations	-		2.61000000 GH
0.00	- <u> </u>				└	
10.0					4	
20.0	man				Longon	
30.0						
40.0						
50.0						
60.0						
Center 2.6 #Res BW 3			#VBW 910 kHz		Span 30 N Sweep 1	
Occupi	ied Bandwidt	th	Total Power	28.6	dBm	Auto Ma
occup		7.891 MHz				FreqOffse
Transm	it Freq Error	-10.015 kHz	% of OBW Po	wer 99	.00 %	он
x dB Ba	ndwidth	19.27 MHz	x dB	-26.0	0 dB	
ISG				STATUS		

Band41_5MHz_QPSK_RB25_0_CH39675

X RL	rum Analyzer - Occupied BW RF 50 Ω DC 24 2.498500000		SENSE:INT Center Freq: 2.4985		Radio Std	M Dec 04, 2021 I: None	Frequency	-
	NFE		Trig: Free Run #Atten: 30 dB	Avg Hold: 10	0/10 Radio Dev	vice: BTS		
15 dB/div	Ref Offset 14.83 d Ref 30.00 dBm	з						
15.0							Center F	re
0.00							2.498500000	G⊦
0.0					- Justin	and the second		_
15.0								
50.0								
75.0								
-105								
enter 2.4	00 CH2					n 7.5 MHz		
Res BW 7			#VBW 240	kHz	Swee	p 3.8 ms	CF S 750.000	te kł
Occupi	ied Bandwidth	1	Total F	ower	32.7 dBm		Auto	Ma
	4.4	918 MH	z				Freq Of	fs
Transm	it Freq Error	395 H	lz % of O	BW Power	99.00 %		'	0 1
x dB Ba	ndwidth	5.053 MH	lz xdB		-26.00 dB			_
20					STATUS			_

Band41_5MHz_QPSK_RB25_0_CH40620



Band41 5MHz QPSK RB25 0 CH41565

RL RF 50 Ω DC Center Freq 2.687500000 Center Freq 2.6875000000 Center Freq 2.68750000000 Center Freq 2.6875000000 CenteFreq 2.6875000000 <th< th=""><th></th><th>SENSE:INT r Freq: 2.687500000 GHz</th><th>Radio Std:</th><th>None</th><th>Frequency</th></th<>		SENSE:INT r Freq: 2.687500000 GHz	Radio Std:	None	Frequency
NFE		Free Run Avg Hold: n:30 dB	10/10 Radio Devi	ce: BTS	
Ref Offset 14.83 d 0 dB/div Ref 30.00 dBm					
.og 20.0					Center Fre
10.0	mannersham	-ranch many many	and a start of the		2.687500000 G
1.00			<u>\</u>		
0.0 mmanna MMM			When	Man 1	
			1.001	the best of the	
x0.0					
0.0					
50.0					
Center 2.688 GHz			Snan	7.5 MHz	
Res BW 75 kHz	#	VBW 240 kHz		5 3.8 ms	CF Ste 750.000 ki
Occupied Bandwidth	1	Total Power	33.0 dBm		<u>Auto</u> M
	974 MHz				Freq Offs
Transmit Freq Error	-1.810 kHz	% of OBW Powe	r 99.00 %		0
x dB Bandwidth	4.989 MHz	x dB	-26.00 dB		

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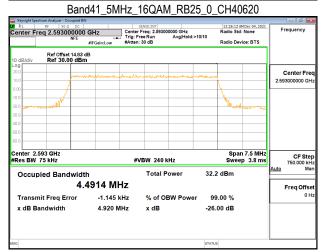
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Band41 5MHz 16QAM RB25 0 CH39675

RL	RF 50 Ω DC	Clin	SENSE:INT nter Freg: 2.4985000	00 GHz	12:25:45 AME Radio Std: N		Frequency
enter Frei	4 2.496500000 NFE	Tri		Avg Hold:>10/10	Radio Devic		
		#IFGain:Low #A	tten. so ub		Radio Devic	e. B13	
0 dB/div	Ref Offset 14.83 Ref 30.00 dBr				_		
og 20.0	da/vo-		-			[Center Fre
0.0	- mm	and a start and a start of the start	and the factor of the sector	Manua (100	and the second sec		2.498500000 GH
1.00					4		
0.0 0.0 utro-wt h	mand				Yuppy	A L I	
	o p (ar a				1 1 4 44	- Propulse	
0.0							
0.0							
0.0							
0.0							
enter 2.49 Res BW 7			#VBW 240 kH;	2	Span Sweep	7.5 MHz 3.8 ms	CF Ste 750.000 kH
Occupi	ed Bandwidt	h	Total Pov	ver 3	2.2 dBm		Auto Ma
	4.	4804 MHz				Γ	Freq Offse
Transmi	t Freq Error	-1.050 kHz	% of OBV	V Power	99.00 %		0 H
x dB Bar	ndwidth	4.962 MHz	x dB	-	26.00 dB	- F	
G				st	ATUS		

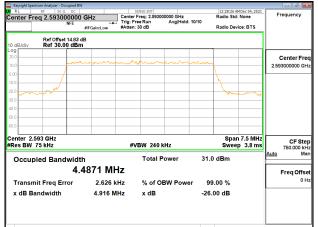


Band41 5MHz 16QAM RB25 0 CH41565

	rum Analyzer - Occupied B	W							- @ <u>*</u>
Center Fre	RF 50 Ω DC) GHz	Center Fr	ISE:INT eq: 2.68750			12:26:39 Radio St	AM Dec 04, 2021 d: None	Frequency
	NFE	#IFGain:Low	Trig: Free #Atten: 30		Avg Hold:	: 10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.83 Ref 30.00 dBi								
20.0									Center Freq
10.0	- man	and the second s				بالمعيد والمعيدة			2.687500000 GHz
0.00	- /								
-10.0	water						1		
-20.0							~~~	and the second	
-30.0									
-50.0									
-60.0									
Center 2.6	88 GHz						Spa	in 7.5 MHz	CF Step
#Res BW	75 kHz		#VB	W 240 k	Hz		Swe	ep 3.8 ms	750.000 kHz
Occup	ied Bandwid	th		Total P	ower	31.5	i dBm		<u>Auto</u> Man
		4847 MH	z						Freq Offset
Transm	it Freq Error	-1.476 kl	Hz	% of OE	BW Powe	ər 99	.00 %		0 H2
x dB Ba	ndwidth	4.917 MI	Ηz	x dB		-26.	00 dB		
MSG						STATUS			
mana						STATUS	2		

Band41_5MHz_64QAM_RB25_0_CH39675 12:27:33 AM Dec 04 Radio Std: None enter Freq 2.498500000 GHz 00 GHz AvaiHold Frequency Radio Device: BTS Ref Offset 14.83 di Ref 30.00 dBm Center Fre Center 2.499 GHz Res BW 75 kHz Span 7.5 MHz Sweep 3.8 ms CF Step 750.000 kH: Mar #VBW 240 kHz Total Power 30.9 dBm Occupied Bandwidth 4.4953 MHz Freq Offse -1.355 kHz 0 F Transmit Freq Error % of OBW Power 99.00 % x dB Bandwidth 4.919 MHz -26.00 dB x dB

Band41_5MHz_64QAM_RB25_0_CH40620



Band41 5MHz 64QAM RB25 0 CH41565

enter Freq 2.	50 Ω DC	GH7 Ce	SENSE:INT nter Freg: 2.6875	00000 GHz		12:29:20 A	MDec 04, 2021	Frequency
zenter Freq z.	NFE	Tri	g: Free Run tten: 30 dB	Avg Hold:	10/10	Radio Dev		
Ré	f Offset 14.83 d							
IO dB/div Re	f 30.00 dBn	<u> </u>						
20.0								Center F
10.0	m	montom	. how we	mm	manan			2.687500000 0
0.00						\		
10.0	1					X		
20.0						1 The	Section stress	
30.0							- 10 · · · · · • •	
40.0								
50.0								
60.0								
Center 2.688 G #Res BW 75 kH			#VBW 240	kHz			n 7.5 MHz p 3.8 ms	CF St 750.000
Occupied	Bandwidt	h	Total F	ower	30.8	dBm		Auto N
		 4897 MHz						
		4037 WIT12						Freq Off
Transmit Fr	eq Error	328 Hz	% of O	BW Powe	r 99	.00 %		0
x dB Bandw	ridth	4.911 MHz	x dB		-26.	00 dB		

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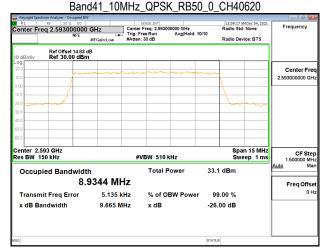
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Band41_10MHz_QPSK_RB50_0_CH39700

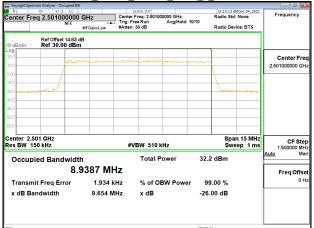
Keysight Spect	trum Analyzer - Occupied BV RF 50 Q DC	1	SENSE:INT			12-00-10		
	eq 2.501000000		Center Freq: 2.50			Radio Sto	M Dec 04, 2021	Frequency
	NFE		Frig: Free Run Atten: 30 dB	Avg Hold:	10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.83 (Ref 30.00 dBn							
og 0.0								Center Fre
0.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mont	man	- marine	~~~~~			2.50100000 G
						\		
0.0	/					<u>ц</u>		
0.0						Lu		
0.0								
0.0								
enter 2.5 es BW 1			#VBW 510) kHz			an 15 MHz eep 1 ms	CF Ste 1,500000 MH
0	ied Bandwidt	h.	Total	Power	33.3	dBm		Auto M
Occup		9387 MH		I OWEI	55.2	ubiii		Freq Offs
Transm	nit Freq Error	8.473 kH	z % of	OBW Powe	r 99	.00 %		0
x dB Ba	andwidth	9.608 MH	z xdB		-26	00 dB		
g					STATUS			
					aixioa			



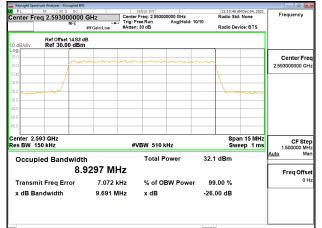
Band41 10MHz QPSK RB50 0 CH41540

Center Freq 2.685000000 GHz Radio Std. None Nit #rGalat.ow Mit #rGalat.ow Artificit : 30 dB Artificit : 30 dB Not #rGalat.ow To dSide You with the freq 2.68500000 GHz Radio Std. None Radio Std. None Radio Std. None Radio Device: BTS Radio Device: BTS Radio Device: BTS Conter Freq. 2.68500000 GHz Radio Device: BTS Conter Freq. 2.68500000 GHz Conter Freq. 2.68500000 GHz Conter Freq. 2.68500000 GHz Conter Freq. 2.68500000 GHz Span 15 MHz Center 2.685 GHz Span 15 MHz Occupied Bandwidth Total Power 32.9 dBm 8.9579 MHz	Keysight Spectri	um Analyzer - Occupied Bi RF 50 Ω DC	v	SENSE:INT		12-09	44 AM Dec 04, 2021	
mer Galantow #After: 30 dB Radio Device: BTS 0 dB/dv Ref 30.00 dBm Center F 0 dB/dv Ref 30.00 dBm Center 0 dB/dv<		q 2.68500000		Center Freq: 2.68500		Radio		Frequency
0 dBiol 0 d		NFE			Avg Hold: 10/		Device: BTS	
200 Center f 200 Center f <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
00 <								Center Fre
Image: Constraint of the second se	0.0	- pm						2.685000000 GH
00 <	.00							
Span Span 15 MHz enter 2.885 GHz #VBW 510 kHz Span 15 MHz cFF #VBW 510 kHz Sweep 1 ms Cccupied Bandwidth Total Power 32.9 dBm 8.9579 MHz Freq or Transmit Freq Error -4.009 kHz % of OBW Power 99.00 %	0.0							
Image: Constraint of the second sec	0.0					~	~~~~~	
enter 2.685 GHz #VBW 510 kHz Span 15 MHz ISO0000 Concupied Bandwidth Total Power 32.9 dBm 8.9579 MHz Transmit Freq Error -4.009 kHz % of OBW Power 99.00 %								
Image: second								
CF 6 Span 15 MHz CF 6 s BW 150 kHz Span 15 MHz CF 6 Sweep 1 ms 11,500000 Occupied Bandwidth Total Power 32.9 dBm Sweep 1 ms Auto Transmit Freq Error -4.009 kHz % of OBW Power 99.00 %								
es BW 150 kHz #VBW 510 kHz Sweep 1 ms Occupied Bandwidth Total Power 32.9 dBm Auto 1,500000 8.9579 MHz Transmit Freq Error -4.009 kHz % of OBW Power 99.00 %	0.0							
Occupied Bandwidth Total Power 32.9 dBm 8.9579 MHz Freq Of Transmit Freq Error -4.009 kHz % of OBW Power 99.00 %				#VBW 510	Hz			CF Ste 1,500000 MH
Transmit Freq Error -4.009 kHz % of OBW Power 99.00 %	Occupi	ed Bandwidt	h	Total P	ower	32.9 dBm		<u>Auto</u> Ma
Transmit Fred Error -4.009 KHZ % of OBW Power 99.00 %		8.	9579 MH	Z				Freq Offs
x dB Bandwidth 9.692 MHz x dB -26.00 dB	Transmi	t Freq Error	-4.009 kH	z % of Ol	BW Power	99.00 %		01
	x dB Bar	ndwidth	9.692 MH	z xdB		-26.00 dB		
g STATUS	-							

Band41_10MHz_16QAM_RB50_0_CH39700



Band41_10MHz_16QAM_RB50_0_CH40620



Band41 10MHz 16QAM RB50 0 CH41540

Keysight Spectrum Analyzer - Occupied Bit	V				- @ _
RL RF 50 Ω DC Center Freq 2.685000000 NFE	Trig:	r Freq: 2.685000000 GHz Free Run Avg Hold n: 30 dB	R:>10/10	12:11:07 AM Dec 04,2 adio Std: None adio Device: BTS	Frequency
Ref Offset 14.83					
-09 20.0 10.0	m. m		m		Center Fre 2.685000000 GH
10.0					_
20.0					
50.0					
Center 2.685 GHz Res BW 150 kHz	#	VBW 510 kHz		Span 15 M Sweep 1	
Occupied Bandwidt		Total Power	32.2 d	Bm	Auto M
	9343 MHz				Freq Offs
Transmit Freq Error x dB Bandwidth	8.775 kHz 9.676 MHz	% of OBW Pow x dB	er 99.0 -26.00		
sg			STATUS		

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

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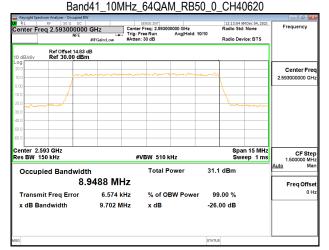
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Band41_10MHz_64QAM_RB50_0_CH39700

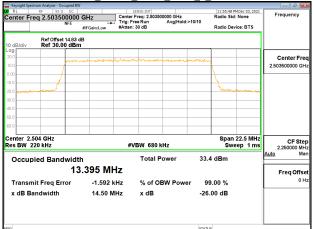
RF 50 Ω DC		SENSE:INT			021 Frequency
eq 2.50100000				Radio Std: None	Frequency
NFE				Radio Device: BTS	
					Center Fre
			manna		2.501000000 GI
			1	\	_
					-
- man				Jamas	
					-
					-
501 GHz 50 kHz	;	≠VBW 510 kHz	· .	Span 15 M Sweep 1	Hz CF Ste ms 1.500000 MI
ied Bandwidt	h	Total Power	31.2	dBm	Auto M
					Freq Offs
nit Freg Error	2.063 kHz	% of OBW Pow	ver 99.0	00 %	0
andwidth	9 744 MHz	x dB	-26.0	0 dB	
			STATUS		
	PF 90 DC Deg 2:5010000 NFE Ref 30.00 dBn Ref 30.00 dBn 0 dD 0 dD 0 dD 0 dD 0 dD 0 dD 0 dD 0 dD	Provide a second	eq 2.501000000 GHz RFGain.cvv RFGain.cvv Ref 30.00 dBm Ref 30.	by by<	Image: Solution Descent Freq. 2:000000 GHz Descent Freq. 2:00000 GHz Radie Stat: Reve Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Solution Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm Ref 30:00 GBm



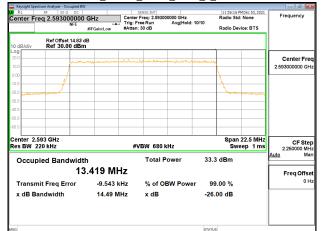
Band41 10MHz 64QAM RB50 0 CH41540

RL	trum Analyzer - Occupied BW RF 50 Ω DC		SENSE:INT			58 AM Dec 04, 2021	Frequency
enter Fr	eq 2.685000000		Center Freq: 2.6850 Trig: Free Run	00000 GHz AvgiHold: 10		Std: None	Frequency
	NFE		#Atten: 30 dB			Device: BTS	
0 dB/div	Ref Offset 14.83 c Ref 30.00 dBm						
og :0.0							Center Fre
0.0			a marine a second	m	mm		2.685000000 GH
.00							
0.0					-		
0.0 - 0.0					- <u></u>		
0.0							
0.0							
0.0							
0.0							
enter 2.6	385 GH7					pan 15 MHz	
es BW 1			#VBW 510	kHz		Sweep 1 ms	CF Ste 1.500000 MH
Occup	ied Bandwidt	h	Total F	ower	31.0 dBm	1	<u>Auto</u> Ma
	8.9	9430 MH	z				Freq Offse
Transm	nit Freq Error	5.808 kH	z % of O	BW Power	99.00 %		01
x dB Ba	andwidth	9.729 MH	lz x dB		-26.00 dE		
3					STATUS		

Band41_15MHz_QPSK_RB75_0_CH39725



Band41_15MHz_QPSK_RB75_0_CH40620



Band41 15MHz QPSK RB75 0 CH41515

Keysight Spectri	um Analyzer - Occupied BW					
	RF 50 Ω DC q 2.682500000	GH7 Cente	SENSE:INT nter Freg: 2.682500000 GHz		11:56:43 PM Dec 03 adio Std: None	Frequency
NEE			Free Run Avg Hold n: 30 dB		adio Device: BT	s
0 dB/div	Ref Offset 14.83 d Ref 30.00 dBm	в				
og						Center Fr
0.0	prove	manne		mone		2.682500000 G
.00						2.0020000000
0.0	1			1		
0.0	mont				man	
0.0						
0.0						
0.0						
center 2.683 GHz tes BW 220 kHz			#VBW 680 kHz		Span 22.5 I Sweep 1	
Occupied Bandwidth		Total Power 33.		Bm	Auto M	
	13	.404 MHz				Freq Offs
Transmit Freq Error		-4.130 kHz	-4.130 kHz % of OBW Power		0 %	0
x dB Bandwidth 14.4		14.48 MHz	z xdB		dB	
G				STATUS		

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