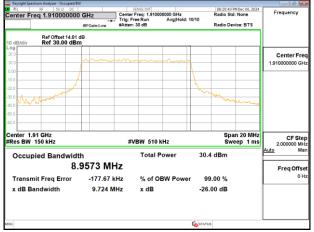
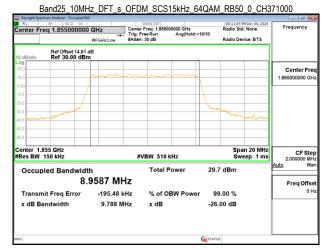
# Report No.: TERF2411003768ER Page: 82 of 394

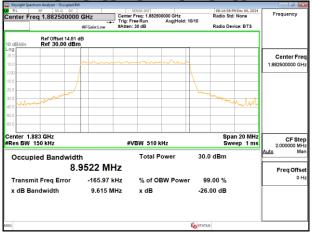


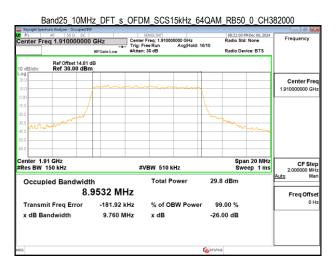
#### Band25 10MHz DFT s OFDM SCS15kHz 16QAM RB50 0 CH382000



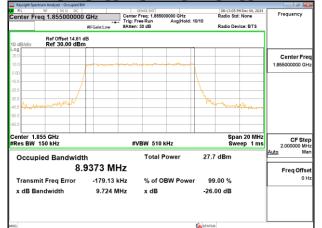


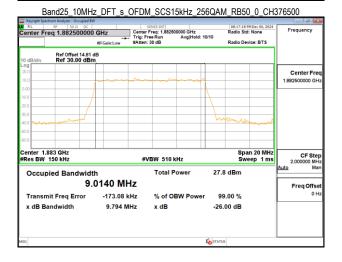






Band25\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH371000





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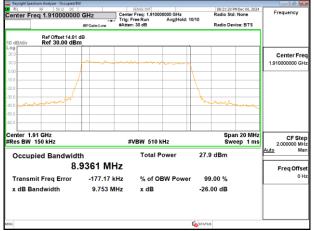
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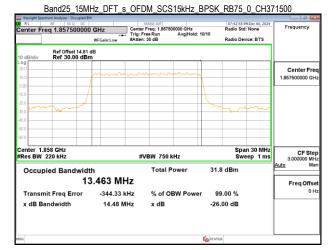
f (886-2) 2298-0488

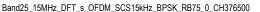
# Report No.: TERF2411003768ER Page: 83 of 394



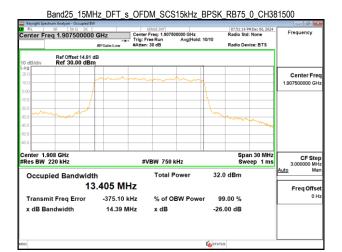
### Band25 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH382000



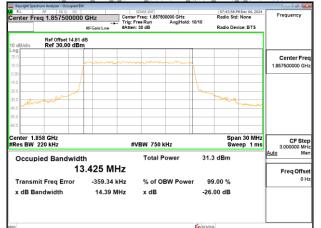




rum Analyzer - Occupied B					
RF 50 Ω DC		SENSE:INT	500000 GHz	07:47:51 PMDec 06, 2024	Frequency
eq 1.882500000		Trig: Free Run	Avg Hold: 10/10	)	
	#IFGain:Low	#Atten: 30 dB		Radio Device: BTS	
	mmm	m	mm		Center Freq
					1.882500000 GHz
mont				musel wanter	
83 GHz 220 kHz		#VBW 750	kHz	Span 30 MHz Sweep 1 ms	CF Step 3.000000 MHz
ied Bandwid	th	Total	Power	31.9 dBm	<u>Auto</u> Man
1:	3.430 M	Hz			Freq Offset
-			DBM Bower	00.00.%	0 Hz
					L
ndwidth	14.45 M	1Hz xdB		-26.00 dB	
			<b>\$</b>	STATUS	
	en Adar: - Coupel a p	I 1.882500000 GHz III Gameson Ref Offeet 148 148 Ref 30.00 dBm B3 GHz 20 KHz I 3.430 MI it Freq Error - 355.09	with Analyment Compared BY Ref 30:00 CHz GR 1.8825500000 CHz #FGanctow #FGanctow Ref 30:00 dBm Ref 30:00	en Anter Congret BY g 1.882500000 GHz HF Galaxie Trig Yrea (1.8820000 GHz Augusta 1.900 Augusta 1.9000 Augusta 1.90000 Augusta 1.900000 Augusta 1.90000 Augusta 1.90000 Augusta 1.900000 Augusta 1	Bit 300 DC Desktart Desktart Desktart Desktart Desktart Radio Ski. Nove   Index 1.882500000 GHz Trig: Pres Run AvgiHold: 1010 Radio Derice: BTS   Ref Offset 1.481 dB Ref 30.00 dB Derice: BTS   Ref 30.00 dB Derice: BTS Span 30 MHz   B3 GHz #VBW 750 kHz Span 30 MHz   Store 1.3.10 dB Total Power 31.9 dBm   13.430 MHz Total Power 99.00 %



Band25\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB75\_0\_CH371500



Keysight Spectrum Analyzer - Occupied       RL     RF     50 Ω     DC       enter Freq 1.88250000	0 GHz Cente	SENSE:INT r Freq: 1.882500000 GHz Free Run Avg Hold: 10/1 n: 30 dB	07:48:11 PM Dec 06, 2024 Radio Std: None 0 Radio Device: BTS	Frequency
0 dB/div Ref 0ffset 14.8 Ref 30.00 dE				
			man and a second s	Center Fre 1.882500000 GH
center 1.883 GHz Res BW 220 kHz		VBW 750 kHz	Span 30 MHz Sweep 1 ms	CF Ste 3.000000 MH
Occupied Bandwid	<sup>ith</sup> 3.441 MHz	Total Power	31.5 dBm	Auto Ma Freq Offse
Transmit Freq Error x dB Bandwidth	-362.54 kHz 14.50 MHz	% of OBW Power x dB	99.00 % -26.00 dB	он

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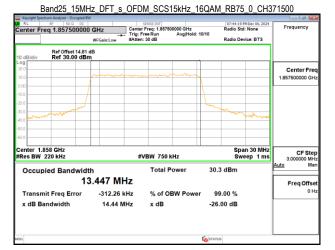
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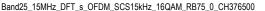
# Report No.: TERF2411003768ER Page: 84 of 394



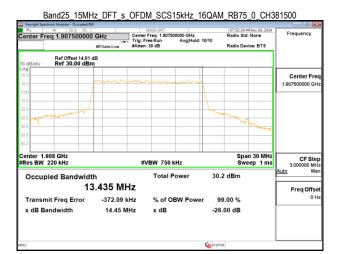
#### Band25 15MHz DFT s OFDM SCS15kHz QPSK RB75 0 CH381500

	rum Analyzer - Occupied B	N							
Center Fre	RF 50 Q DC	) GHz	Center Freq: Trig: Free R	1.90750	0000 GHz Avg Hold:3	10/10	07:52:18 Radio St	PM Dec 06, 2024 d: None	Frequency
		#IFGain:Low	#Atten: 30 dl		Avginoid.	10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.81 Ref 30.00 dBr								
20.0		m							Center Freq
10.0									1.907500000 GHz
-10.0						\			
-20.0						how			
-30.0 400-000	Ren Mark have						man	when	
-50.0									
-60.0									
Center 1.9 #Res BW			#VBW	750 k	Hz			an 30 MHz eep 1 ms	CF Step 3.000000 MHz
Occup	ied Bandwid	th	т	otal P	ower	31.4	dBm		<u>Auto</u> Man
	1:	3.436 MH	lz						Freq Offset
Transm	it Freq Error	-352.33	KHz %	of OE	3W Powe	r 99	.00 %		0 Hz
x dB Ba	ndwidth	14.47 N	IHz x	dB		-26.	00 dB		
MSG						<b>STATUS</b>	5		

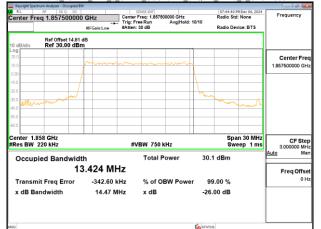


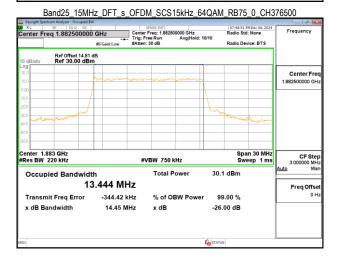


RL     RF     S0 Ω     DC       enter Freg 1.88250000     1.88250000     1.88250000     1.88250000     1.88250000     1.88250000     1.8825000000     1.882500000     1		SENSE:INT	500000 GHz	07:48:31 PMD	ec 06, 2024	ency
enter Freq 1.88250000	#IFGain:Low		Avg Hold: 10/1			
Ref Offset 14.81 dB/div Ref 30.00 dB						
0.0	m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Cent 1.882500	ter Fre
0						
0				have a stranger of the state of	with	
0						
enter 1.883 GHz				Span	30 MHz	CF Ste
Res BW 220 kHz		#VBW 750	kHz	Sweep		000 M M
Occupied Bandwid			Power	30.5 dBm	Auto	m
1	3.434 MH	IZ			Fre	qOffs
Transmit Freq Error	-361.62 k		BW Power	99.00 %		0
x dB Bandwidth	14.46 M	Hz xdB		-26.00 dB		
5			ų – 1	STATUS		



Band25\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB75\_0\_CH371500





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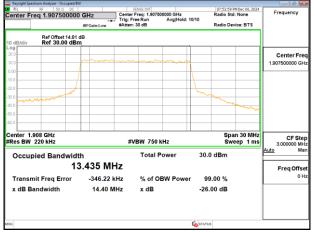
f (886-2) 2298-0488

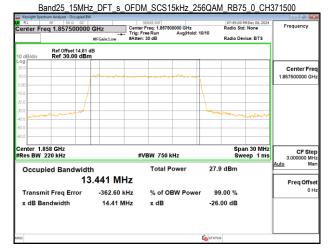
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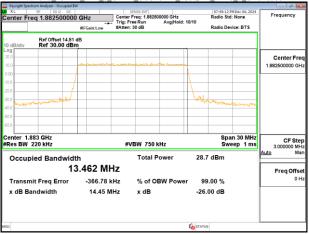


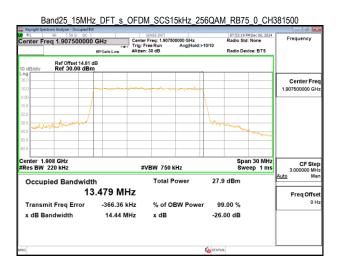
### Band25 15MHz DFT s OFDM SCS15kHz 64QAM RB75 0 CH381500



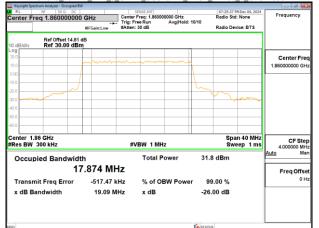


Band25\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB75\_0\_CH376500





Band25\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB100\_0\_CH372000



enter Freq 1.88		Trig:	sense:INT er Freq: 1.882500000 Gi Free Run Avg l en: 30 dB	Hz Hold: 10/10	07:30:36 PM Dec 06, 20 Radio Std: None Radio Device: BTS	Frequency
0 dB/div Ref 3	ffset 14.81 dE 30.00 dBm	L .				
0.0	ſ		\	-		Center Fre 1.882500000 GH
	-			h	mine	
enter 1.883 GHz Res BW 300 kHz			#VBW 1 MHz		Span 40 Mi Sweep 1 n	
Occupied Ba		901 MHz	Total Power	32.0	0 dBm	Auto Ma
Transmit Freq x dB Bandwid		-537.16 kHz 18.93 MHz	% of OBW Po x dB		9.00 % .00 dB	01

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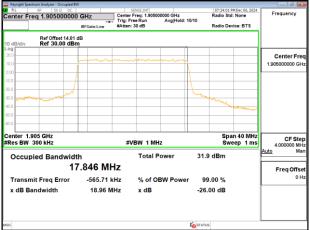
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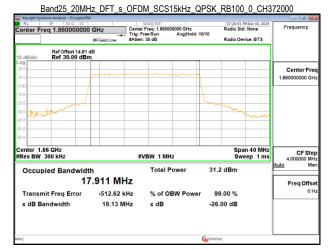
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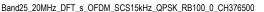
# Report No.: TERF2411003768ER Page: 86 of 394

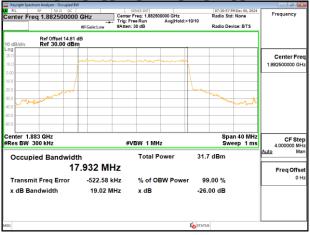


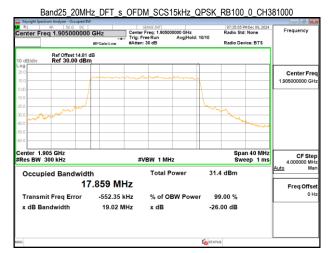
#### Band25 20MHz DFT s OFDM SCS15kHz BPSK RB100 0 CH381000





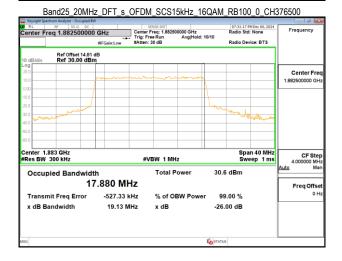






Band25\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB100\_0\_CH372000





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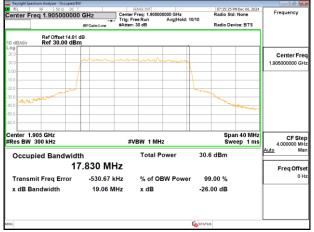
f (886-2) 2298-0488

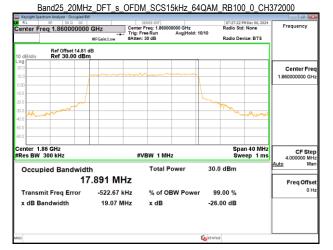
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# Report No.: TERF2411003768ER Page: 87 of 394

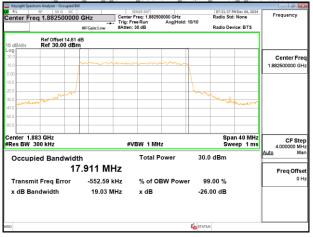


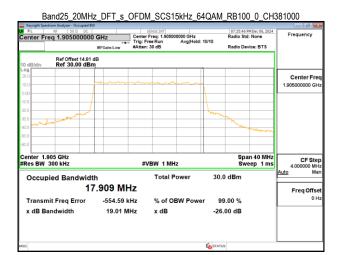
#### Band25 20MHz DFT s OFDM SCS15kHz 16QAM RB100 0 CH381000



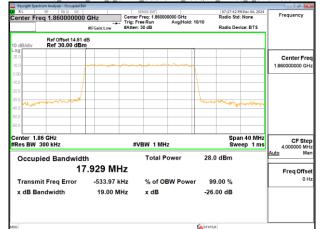








Band25\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB100\_0\_CH372000



Keysight Spectrum Ar RL RF Center Freq 1.	50 Q DC		SENSE:INT Center Freq: 1.882 Frig: Free Run (Atten: 30 dB	500000 GHz Avg Hold:>	10/10	07:31:57 PM De Radio Std: No Radio Device:	ne	Frequency
0 dB/div R	ef Offset 14.81 d ef 30.00 dBm	3						
og 20.0 10.0								Center Fre 1.882500000 GH
0.0 0.0 0.0	rented				Linna	man and an	weight	
enter 1.883 G	SHz					Span 4	0 MHz	CF Ste
Res BW 300	kHz		#VBW 1 M	Hz		Sweep	1 ms	4.000000 MF Auto Ma
Occupied	Bandwidth 17	.922 MHz		Power	28.1	dBm		FreqOffse
Transmit Fr x dB Bandw		-524.69 kH 19.16 MH	- /• -· ·	DBW Power		.00 % 00 dB		0 H
sa					<b>K</b> STATUS			

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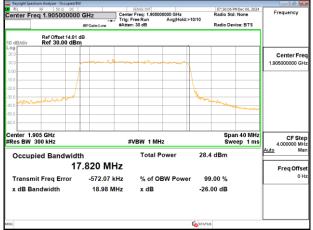
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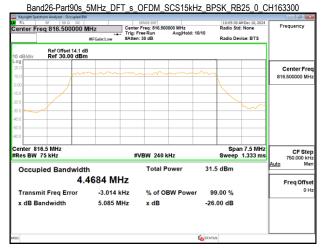
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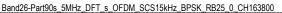
# Report No.: TERF2411003768ER Page: 88 of 394

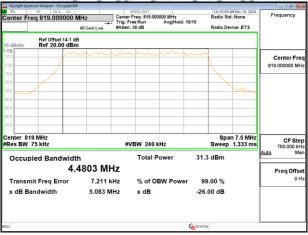


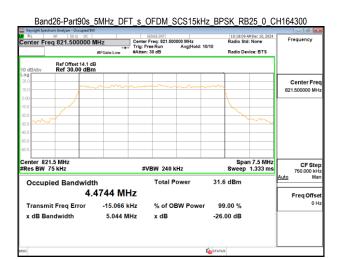
### Band25 20MHz DFT s OFDM SCS15kHz 256QAM RB100 0 CH381000



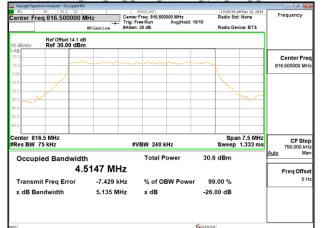


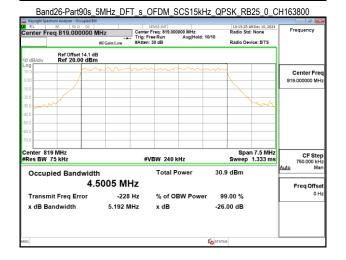






Band26-Part90s\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH163300





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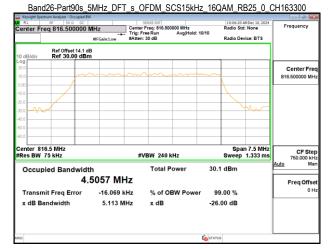
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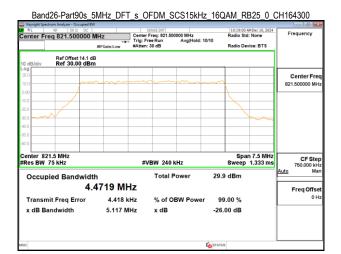
Band26-Part90s 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH164300

	trum Analyzer - Occupied BV	V						- 6
Center Fre	RF 50 Q DC	MHz	SENSE:INT Center Freq: 821.50		Rad	:18:35 AM Dec 10, 203 lio Std: None	Fre	equency
		#IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 10		lio Device: BTS		
10 dB/div	Ref Offset 14.1 d Ref 30.00 dBr							
20.0							c	enter Freq
10.0	- m		nam	pmp	m		821.	500000 MHz
-10.0								
-20.0								
-30.0						John		
-40.0								
-60.0								
Center 82 #Res BW			#VBW 240	kHz		Span 7.5 MH eep 1.333 m	-	CF Step
Occup	ied Bandwidt	:h	Total F	Power	30.7 dB	m	Auto	Man
	4.	4839 MH	z				F	req Offset
Transm	it Freq Error	-12.113 k	Hz % of O	BW Power	99.00	%		0 Hz
x dB Ba	andwidth	5.129 M	Hz xdB		-26.00 d	B		
MSG				l	STATUS			



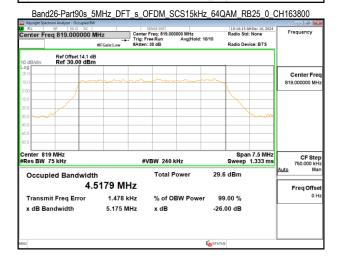
Band26-Part90s\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB25\_0\_CH163800

	Spectrum Analyzer - Occupied BW									- 6 <b>-</b>
Center	RF 50 Q DC	Hz.		NSE:INT reg: 819.000	000 MHz		10:15:50 A	AMDec 10, 2024 : None	Fr	equency
oomor		#IFGain:Low	#Atten: 3	e Run 0 dB	Avg Hold:	10/10	Radio De	vice: BTS		
10 dB/div	Ref Offset 14.1 dE Ref 20.00 dBm									
10.0		$\sim$	~~~~	m	~~~	~~~~				enter Freg
0.00							<u> </u>			.000000 MHz
-10.0									-	
-20.0	m							man N		
-40.0										
-50.0		_								
-60.0										
-70.0										
	819 MHz N 75 kHz		#VE	3W 240 k	Hz		Spa Sweep	n 7.5 MHz 1.333 ms		CF Step 750.000 kHz
Осси	upied Bandwidt	h		Total P	ower	29.9	dBm		Auto	Man
	4.4	4740 MH	z						F	req Offset
Trans	smit Freq Error	7.930 k	Hz	% of O	3W Powe	er 99	.00 %		·	0 Hz
x dB	Bandwidth	4.929 M	Hz	x dB		-26.	00 dB			
MSG						STATU:				
M3K3						STATU	3			



Band26-Part90s\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB25\_0\_CH163300





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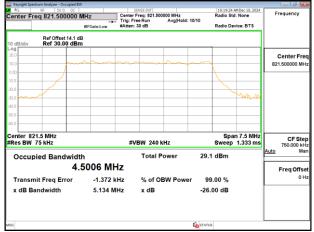
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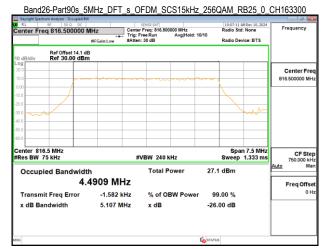
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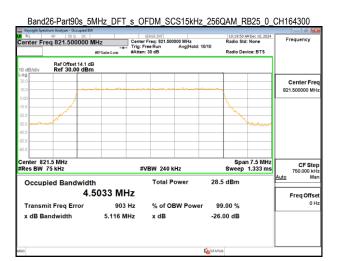
Band26-Part90s 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH164300



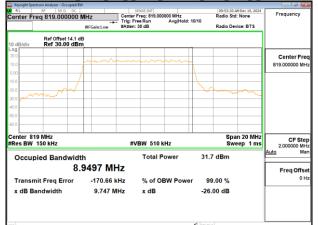


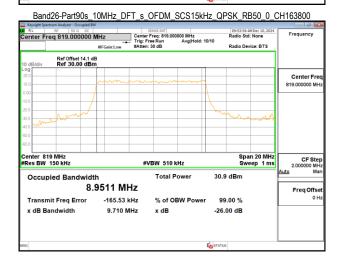


Keysight Spectrum Analyzer - C						
RL RF 50 Center Freg 819.00		SENSE:INT Center Freg: 819.000	000 MHz	10:16:40 Al	4Dec 10, 2024	Frequency
center Fred 619.00		Trig: Free Run	Avg Hold: 10/1	0		
	#IFGain:Low	#Atten: 30 dB		Radio Dev	ice: BTS	
Ref Offse	et 14.1 dB					
	00 dBm					
_0g 20.0						Center Free
10.0	-					819.000000 MH
0.00						
10.0						
20.0						
30.0 <b>~~~~~</b>						
50.0						
60.0						
60.0						
Center 819 MHz				Spar	7.5 MHz	CF Ster
#Res BW/75 kHz		#VBW 240 I	KHZ	Sweep	1.333 ms	750.000 kH
Occupied Ban	duuidth	Total P	ower	27.3 dBm		<u>Auto</u> Mar
Occupied Ball			01101	Line abili	- 1	
	4.5122 M	HZ				Freq Offse
Transmit Freq E	rror -13.233	kHz % of O	BW Power	99.00 %		0 H
x dB Bandwidth	5.259			-26.00 dB		
	5.259			-20.00 uB		
			~			
ISG				STATUS		



Band26-Part90s\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB50\_0\_CH163800





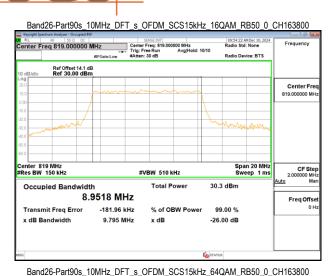
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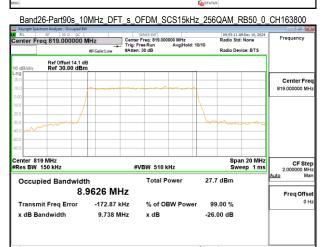
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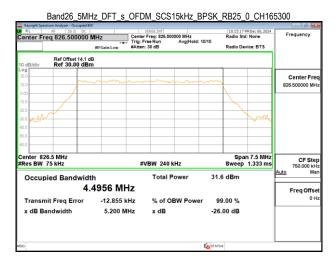
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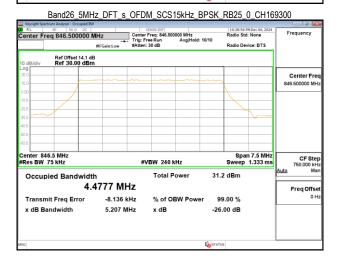
Radio Std: None Frequency Center Freq: 819.000000 MHz Tria: Free Run Avg|Hold:>10/10 enter Freg 819.000000 MHz Radio Device: BTS Ref Offset 14.1 dE Ref 30.00 dBm Center Fre 819.000000 MH Span 20 MHz Sweep 1 ms CF Step 2.000000 M enter 819 MHz Res BW 150 kHz #VBW 510 kHz Total Power 29.6 dBn Occupied Bandwidth 8.9409 MHz Freq Offse -174.71 kHz Transmit Freg Error % of OBW Power 99.00 % 9.758 MHz -26.00 dB x dB Bandwidth x dB





Band26\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB25\_0\_CH167300





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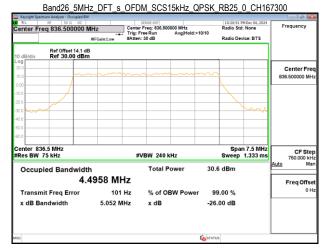
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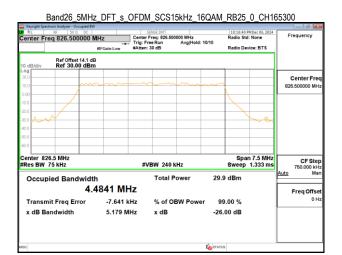
#### Band26 5MHz DFT s OFDM SCS15kHz QPSK RB25 0 CH165300

Keysight Spectro R L	um Analyzer - Occupied Β/ RF 50 Ω DC	N						
	RF 50 Ω DC q 826.500000	MHz	SENSE:INT Center Freq: 826.5			Radio Sto	PM Dec 06, 2024 1: None	Frequency
		#IFGain:Low	#Atten: 30 dB	Avg Hold: 1	0/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.1 d Ref 30.00 dBr							
20.0				~ ~ ~				Center Fre
10.0				· · · · · ·	· ~~~~			826.500000 MH
-10.0								
-20.0								
30.0 pm							MA	
-40.0								
-60.0								
-60.0								
Center 826 #Res BW 7			#VBW 240	kHz			n 7.5 MHz 1.333 ms	CF Ste 750.000 kH
Occupi	ed Bandwidt	th	Total	Power	30.7	dBm		Auto Ma
	4.	4887 MI	Ηz					Freq Offse
Transmi	t Freq Error	-15.811	(Hz % of (	DBW Power	99	.00 %		0+
x dB Bar	ndwidth	5.078 N	lHz x dB		-26.	00 dB		
MSG					<b>STATUS</b>			

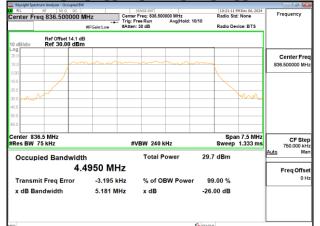


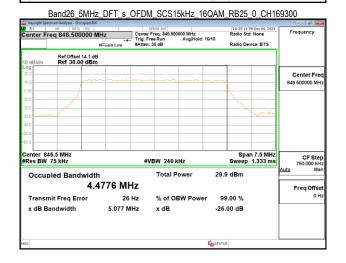
Band26\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH169300

Keysight Spec	ctrum Analyzer - Occupied BW	ſ				_		
Contor Fr	RF 50 Ω DC	ALI-1	SENSE:INT Center Freg: 846.50	0000 MHz		10:24:54 Radio St	PM Dec 06, 2024	Frequency
Center Pro	eq 646.500000 i		Trig: Free Run	Avg Hold: 1	10/10			
		#IFGain:Low	#Atten: 30 dB			Radio De	wice: BTS	
10 dB/div	Ref Offset 14.1 de Ref 30.00 dBn							
Log 20.0								
					n			Center Freq
10.0								846.500000 MHz
0.00						$\mathbf{X}$		
-10.0								
-20.0	1					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m	
-30.0								
-40.0		_						
-50.0								
-60.0								
Center 84	6.5 MHz					Sna	n 7.5 MHz	
#Res BW			#VBW 240	kHz			1.333 ms	CF Step 750.000 kHz
				_				Auto Man
Occup	ied Bandwidt		Total F	ower	30.8	dBm		
	4.	4768 M⊦	lz					Freq Offset
Transm	nit Freq Error	-4.437 k	Hz % of O	BW Power	- 00	.00 %		0 Hz
								L
x dB Ba	andwidth	5.077 M	Hz xdB		-26.	00 dB		
MSG					<b>K</b> STATUS	1		



Band26\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB25\_0\_CH167300





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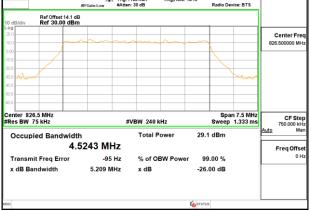
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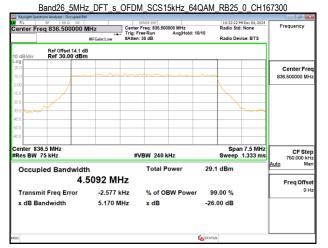
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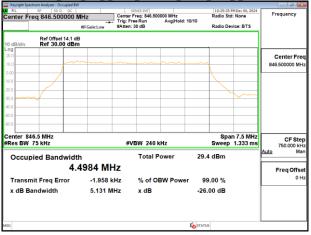


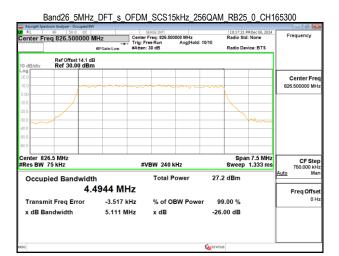
#### Band26 5MHz DFT s OFDM SCS15kHz 64QAM RB25 0 CH165300 10:17:00 PM Dec 0 Radio Std: None enter Freq 826.500000 MHz Frequency Center Freq: 826.500000 MHz Trig: Free Run Avg|Hold: 10/10



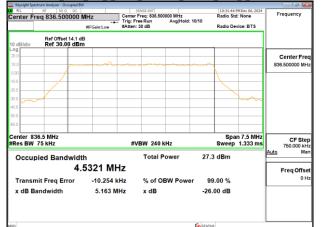








Band26\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB25\_0\_CH167300



RL	rum Analyzer - Occupied BW RF   50 Ω DC   eq 846.500000	MHz Cente	SENSE:INT r Freq: 846.500000 MHz Free Run Avg Hold: 10 n: 30 dB	10:25:56 PMDec Radio Std: Non Radio Device: E	e Frequency
10 dB/div	Ref Offset 14.1 di Ref 30.00 dBm				
20.0					Center Fre 846,500000 MH
0.00					
20.0					
40.0					
60.0					_
Center 846 #Res BW 7		#	VBW 240 kHz	Span 7.5 Sweep 1.33	33 ms 750.000 kH
Occupi	ied Bandwidt 4.	հ 4975 MHz	Total Power	27.4 dBm	Auto Ma
Transmi x dB Ba	it Freq Error ndwidth	-7.869 kHz 5.123 MHz	% of OBW Power x dB	99.00 % -26.00 dB	01
				STATUS	

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