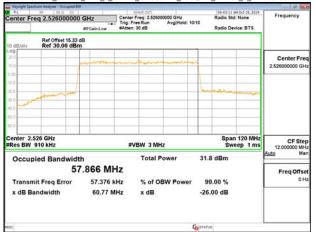
# Report No.: TERF2407002104ER Page: 204 of 716



#### Band41 60MHz DFT s OFDM SCS30kHz 64QAM RB162 0 CH531996

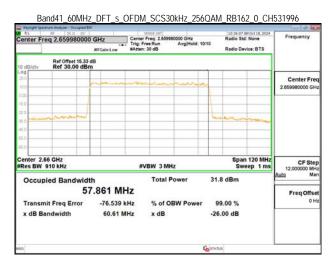
Keysight Spect	NATION Analyses - Occupied Bi	N	-	or suff		ų	10:25:42 AM Oct 18, 2024	0.0
	eq 2.659980000	GHz #FGein:Low	Center Fr	eq: 2.65998 Run	10000 GHz Avg Hold: 10	R 10	adio Std: None adio Device: BTS	Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr							
200 100			-	and the second s				Center Fred 2.659980000 GHz
-10.0								
30.0	- and the second second					m	- manufil and	
-41.0				-				
60.0				-				
Center 2.6 #Res BW			#VB	w змн	Iz		Span 120 MHz Sweep 1 ms	12.000000 MHz
Occup	ied Bandwidt			Total P	ower	33.4 d	Bm	Auto Mar
	57	7.773 MI	-IZ					FreqOffse
Transm	it Freq Error	-133.65	Hz	% of OI	BW Power	99.0	0 %	0 Hs
x dB Ba	ndwidth	60.55 N	IHz	x dB		-26.00	dB	
MSG						Status		

Band41\_60MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB162\_0\_CH505200



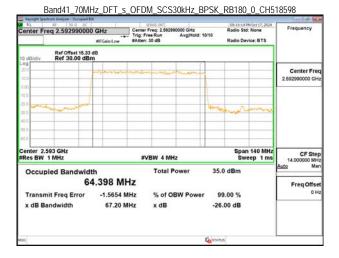
Band41\_60MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB162\_0\_CH518598

Center Fre	aq 2.592990000	I GHz #FGain:Low	Center Fr		0000 GHz Avg Hold: 10	10	Radio De		Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr								
20 0 10 0		-	Alm						Center Freq 2.592990000 GHz
10 0 20 0						L	www.en		
40.0									
Center 2.5			#VE	SW 3 MH	z			n 120 MHz eep 1 ms	CF Step
Occup	ied Bandwidt 57	h 7.867 MH	łz	Total P	ower	31.2	dBm		Auto Mar Freg Offset
	it Freq Error Indwidth	-48.067 k 60.67 M		% of OE x dB	BW Power	100	.00 % 00 dB		OHz
60						Status			



Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB180\_0\_CH506202





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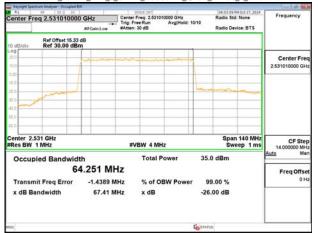
# Report No.: TERF2407002104ER Page: 205 of 716



### Band41 70MHz DFT s OFDM SCS30kHz BPSK RB180 0 CH531000

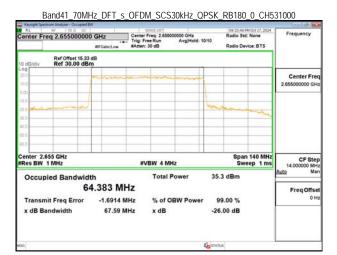
	trum Analyser - Occupied BV	V					-0-0-0-
Center Fre	eq 2.655000000		Senter Freq: 2.6550 rig: Free Run Atten: 30 dB	00000 GHz Avg Hold:>10	Radio St 10	PH Oct 17, 2824 d: None rvice: BTS	Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBn						
20.0 10.0		mate		man			Center Freq 2.65500000 GHz
20.0					-		
-40.0							
-60.0							
Center 2.6 #Res BW			#VBW 4 M	łz		n 140 MHz reep 1 ms	CF Step 14.000000 MHz
Occup	ied Bandwidt	h 1.339 MHz	Total I	Power	35.6 dBm		Auto Man
	o4 hit Freq Error andwidth	-1.7646 MH: 67.29 MH:	z % of O	BW Power	99.00 % -26.00 dB		Freq Offset 0 Hz
MSG					status		

Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_QPSK\_RB180\_0\_CH506202

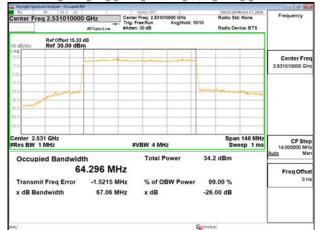




Keysight Spe	ctrum Analyzer - Occupied B	N		e suti			-		0.0
	req 2.592990000	FGein:Low	Center Fre	q: 2.59299 Run	0000 GHz Avg Hold:>1	10/10	Radio Sta	PHOC 17, 2024 d: None vice: BTS	Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr								
200 100				- the straig	sharen share				Center Freq 2.592990000 GHz
20.0	manana					-	han	-	
-41.0									
co.o Center 2.	593 GHz						Snar	n 140 MHz	
#Res BW			#VB	W 4 MH	z			eep 1 ms	CF Step 14.000000 MHz
Occup	oied Bandwid	th		Total P	ower	34.	5 dBm		Auto Man
	64	4.255 MH	łz						Freq Offset
Transn	nit Freq Error	-1.5954 M	Hz	% of OE	BW Power	9	9.00 %		0 Hz
x dB B	andwidth	67.22 M	Hz	x dB		-26	.00 dB		
MSG						to state	a		



Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB180\_0\_CH506202





Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB180\_0\_CH518598

Center Free enter 2.593 GH Span 140 MH Sweep 1 m CF Step #VBW 4 MH Total Power 33.5 dBm **Occupied Bandwidth** 64.191 MHz Freq Offs Transmit Freg Error -1.6379 MHz % of OBW Power 99.00 % 67.23 MHz x dB Bandwidth x dB -26.00 dB

th.

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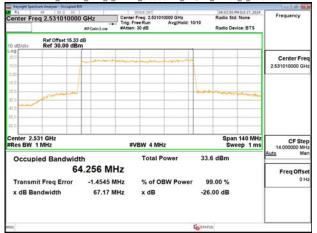
# Report No.: TERF2407002104ER Page: 206 of 716



### Band41 70MHz DFT s OFDM SCS30kHz 16QAM RB180 0 CH531000

RL	an 2.655000000	Sec. 1	Center Freq: 2.655000000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			5 010	09-34:07 Pi Radio Std Radio Dev		Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr								
200 100		from Wanter and a	****		ananan a				Center Free 2.65500000 GHz
10.0	aparterapier								
41.0									
60.0				1					
Center 2.6 #Res BW			#VI	SW 4 MH	z			140 MHz ep 1 ms	CF Step 14.000000 MH
Occup	ied Bandwidt	th 4.283 MI	1~	Total P	ower	34.1 c	Bm		<u>Auto</u> Mar
	04 it Freq Error ndwidth	-1.6461 M	MHz	% of OI x dB	BW Power	99.0 -26.00			Freq Offset 0 Hz
666						status .			

Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB180\_0\_CH506202

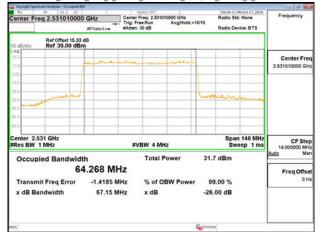


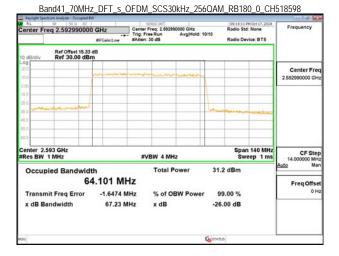
Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB180\_0\_CH518598

RL	eq 2.592990000		Center Freq: 2.592990000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			Radio Std: None Radio Device: BTS		Frequency	
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr								
200 300			the states of	تورياسي					Center Fred 2.592990000 GHz
10.0 20.0 30.0	manshard					League	human		
41.0 50.0									
Center 2.5 Res BW			#VE	BW 4 MH	z			n 140 MHz eep 1 ms	CF Step 14.000000 MH
Occup	ied Bandwidt 64	h 1.214 MH	łz	Total P	ower	33.1	1 dBm		Auto Mar Freq Offse
	nit Freq Error andwidth	-1.6283 M 67.10 M		% of OB x dB	BW Power		9.00 % .00 dB		014
50						Co statu	5		

#### Band41 70MHz DFT s OFDM SCS30kHz 64QAM RB180 0 CH531000 34:27 Pe ter Freq 2.655000000 GHz 00 GHz Radio Device: BTS Ref Offset 15.33 d Ref 30.00 dBm Center Fre 2.68 nter 2.655 GH Span 140 M CF Ste TVBW 4 MH 14.00 Occupied Bandwidth Total Power 33.7 dBn 64.337 MHz Freq Offs Transmit Freq Error -1.6994 MHz % of OBW Power 99.00 % x dB Bandwidth 67.16 MHz x dB -26,00 dB ri-

Band41\_70MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB180\_0\_CH506202





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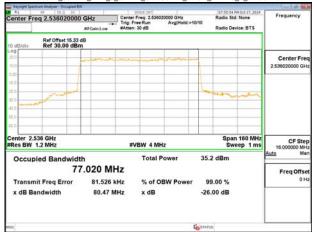
# Report No.: TERF2407002104ER Page: 207 of 716

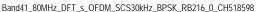


Band41 70MHz DFT s OFDM SCS30kHz 256QAM RB180 0 CH531000

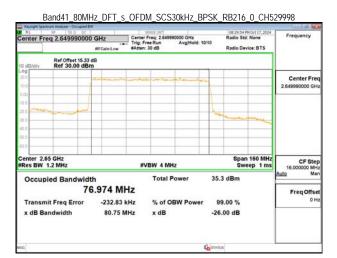
RL .	an Analyser - Occupied In 75 58 0 00 99 2.655000000		Center Freq: 2.65500000 GHz Trig: Freq: National Avg[Hold: 10/10 #Atten: 30 dB			010	Radio Std	None None	Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr								
200 100		m	-	en el					Center Freq 2.65500000 GHz
10.00	hermond								
-40.0				-		une	were	- Andrews	
-50.0						-			
Center 2.6 #Res BW			#VE	3W 4 MH	z			140 MHz eep 1 ms	CF Step 14.000000 MHz
Occup	ied Bandwidt			Total P	ower	31.6	dBm		Auto Man
	64	4.423 MH	IZ						Freq Offset
Transm	it Freq Error	-1.5730 N	IHz	% of Of	BW Power	99.0	00 %		0 Hz
x dB Ba	ndwidth	67.34 M	IHz	x dB		-26.0	0 dB		
wsq						to status			

Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB216\_0\_CH507204

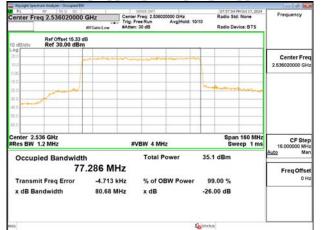


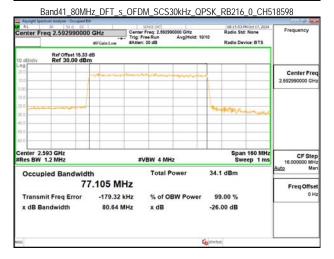


Center Fr	eq 2.592990000	GHz #FGaint.ow	Center Fre		0000 GHz Avg(Hold: 10/	10	Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 15.33 Ref 30.00 dBn							
200 100		trankord	and the second se	Andre -	N. Jana and and and and and and and and and			Center Fred 2.592990000 GHz
10 0	uninend					head	-	
41.0 50.0 60.0								
Center 2.5 Res BW			#VB	W 4 MH	z	_	Span 160 MHz Sweep 1 ms	CF Step 16.000000 MH
Occup	bied Bandwidt 76	<sup>th</sup> 5.996 MH		Total P	ower	35.0	dBm	Auto Mar Freq Offset
	nit Freq Error andwidth	-115.67 k 80.40 M		% of OE x dB	3W Power		.00 % 00 dB	0 Hz
50					4	STATUS		



Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_QPSK\_RB216\_0\_CH507204





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# Report No.: TERF2407002104ER Page: 208 of 716



### Band41 80MHz DFT s OFDM SCS30kHz QPSK RB216 0 CH529998

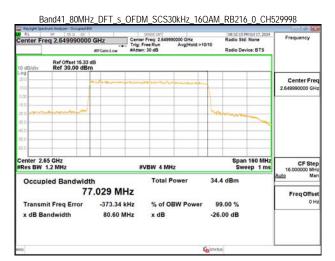
	trum Analyser - Occupied BW								-0-0-0-	
Center Fre	eq 2.649990000	GHz #FGain:Low	Center F		Avg Hold: 1	0'10	Radio St	PHO:(17,2024 d: None wice: BTS	Frequency	
10 dB/div	Ref Offset 15.33 d Ref 30.00 dBm									
20.0 10.0			the second			~			Center Freq 2.649990000 GHz	
-10.0	man					1	-	-		
-40.0										
60.0										
Center 2.6 #Res BW			#VI	BW 4 MH	z			n 160 MHz reep 1 ms	16.000000 MHz	
Occup	ied Bandwidth			Total P	ower	35	.5 dBm		Auto Man	
	77 hit Freq Error andwidth	-329.70 k 80.61 M	Hz	% of Of x dB	BW Power		99.00 % 6.00 dB		Freq Offset 0 Hz	
MSG						10 sta	tus			

Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB216\_0\_CH507204



Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB216\_0\_CH518598

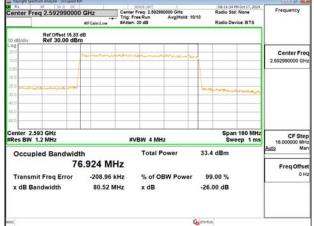
Center Fre	eq 2.592990000	) GHz #FGaint.ow	Center F	reg: 2.69299 e Run 0 dB	0000 GHz Avg Hold: 10	Radio De		Frequency	
10 dB/div	Ref Offset 15.33 Ref 30.00 dBr								
000 100		arteta andarra	و میں وروا <sup>یو</sup> ہے						Center Fred 2.592990000 GH:
	maran					w	the Alpertur	mm	
00									
enter 2.5 Res BW			#VE	SW 4 MH	z			n 160 MHz eep 1 ms	CF Ster 16.000000 MH
Occup	ied Bandwidt 73	<sup>th</sup> 7.010 MH	łz	Total P	ower	33.8	dBm		Auto Mar Freq Offse
	nit Freq Error andwidth	-158.43 k 80.39 M		% of Ol x dB	BW Power		.00 % 00 dB		0 H
0					1	Status			



Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB216\_0\_CH507204







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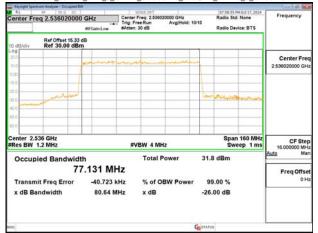
# Report No.: TERF2407002104ER Page: 209 of 716



Band41 80MHz DFT s OFDM SCS30kHz 64QAM RB216 0 CH529998

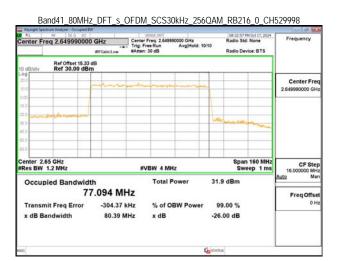
RL	ann Andras - Coogled IM ⊯   58 a ∞   aq 2.649990000		Center F		0000 GHz Avg Hold:>1	0/10	Radio Device: BTS		Frequency
0 dB/div	Ref Offset 15.33 c Ref 30.00 dBm								
20.0			han she		and and a	-			Center Free 2.649990000 GHz
10.0	september 1					-	warm	-	
30.0 41.0						+	-	~	
60.0				1					
Center 2.6			#VI	BW 4 MH	z			n 160 MHz veep 1 ms	CF Step 16.000000 MHz
Occup	ied Bandwidt		S.,	Total P	ower	33.	8 dBm		Auto Man
	77 it Freq Error ndwidth	-283.25 k 80.68 M	Hz	% of OE x dB	BW Power	100	9.00 % .00 dB		Freq Offset 0 Hz
66						<b>G</b> statu	5		

Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB216\_0\_CH507204



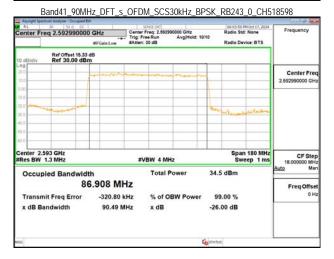
Band41\_80MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB216\_0\_CH518598

RL I	trum Analyser - Occupied BM RF 50 D DC			vie svit				H Oct 17, 2824	Frequency
Center Fre	eq 2.592990000	GHz #FGein:Low		eq: 2.59299 Run 0 dB	Avg Hold: 10	10	Radio Std. Radio Dev		
10 dB/div	Ref Offset 15.33 c Ref 30.00 dBm								
200 200		-	m			-			Center Freq 2.592990000 GHz
10.0									
30.0	have been constanted			-		Luc	s-philippi	Am	
50.0 40.0				-				_	
Center 2.5 #Res BW			#VE	W 4 MH	z			160 MHz ep 1 ms	CF Step 16.00000 MHz
Occup	ied Bandwidt	h 7.042 MH		Total P	ower	31.4	dBm		<u>Auto</u> Mar
	it Freq Error andwidth	-168.03 k 80.72 M	Hz	% of Oi x dB	3W Power		.00 % 00 dB		Freq Offset 0 Hz
66					4	STATUS			



Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB243\_0\_CH508200





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# Report No.: TERF2407002104ER Page: 210 of 716



### Band41 90MHz DFT s OFDM SCS30kHz BPSK RB243 0 CH528996

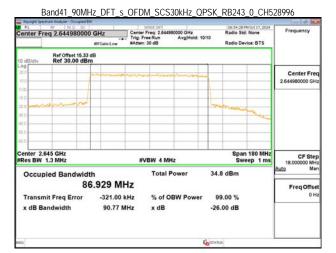
Keysight Spectrum Analyser - Occup								-0-0-	
Center Freq 2.644980	000 GHz	Center	Center Freq: 2.644980000 GHz Trig: Freq: 2.644980000 GHz Trig: Freq Run Avg Hold: 10/10 #Atten: 30 dB				None None None	Frequency	
10 dB/div Ref 30.00									
200	para	~~~~	man	man				Center Freq 2.644980000 GHz	
10.0	J.								
-41.0						Seat 14	-		
-50.0									
Center 2.645 GHz #Res BW 1.3 MHz			VBW 4 MH	łz			180 MHz eep 1 ms	CF Step 18.000000 MHz	
Occupied Bandw			Total F	ower	34.8 d	Bm		<u>Auto</u> Man	
Transmit Freq Erro x dB Bandwidth	86.727 M -395.55 90.46	kHz	% of O x dB	BW Power	99.0 -26.00			Freq Offset 0 Hz	
450				1	STATUS				

Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_QPSK\_RB243\_0\_CH508200



Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_QPSK\_RB243\_0\_CH518598

RF 50 0 0C		1.11	vie svit			06:05:53 P	H Oct 17, 2024	0.0	
	GHz #FGein:Low					Radio Std: None Radio Device: BTS		Frequency	
Ref Offset 15.33 dB 0 dB/div Ref 30.00 dBm									
	a fail an	mand		manne				Center Freq 2.592990000 GHz	
a service and					4.000	minte	wellow		
			-						
93 GHz 1.3 MHz		#VE	SW 4 MH	iz				CF Step 18.000000 MHz Auto Man	
		17	Total P	ower	34.6	6 dBm		2010-00000	
it Freq Error			% of O	BW Power	99	.00 %		Freq Offset 0 Hz	
ndwidth	90.39 M	Hz	x dB		-26.	00 dB			
					Linna				
	W NO K Ref Office 1533 Ref 30.00 dBm Per 30.00 dBm 1.3 MHz led Bandwidt 86 kit Freq Error	eq 2.592990000 GHz #FGanLow Ref 30.00 dBm Ref 30.00 dBm 93 GHz 13 MHz Ied Bandwidth 86.593 MH it Freq Error - 344.01 k	Pig 2.592990000 GHz BrGeinLow Ref 30.00 dBm Ref 30.00 dBm 93 GHz 1.3 MHz Bed Bandwidth 86.593 MHz 1:4 KHz	Provide a second	Pig 2.592990000 GHz Big 2.592990000 GHz Big 2.592990000 GHz Big 2.592990000 GHz Fig Free Run Aughted: 10 Attain: 30 dB Ref 30.00 dBm Pig 2.59290000 Hz Fig Free Run Aughted: 10 Attain: 30 dB Pig 2.59290000 Hz Fig Free Run Aughted: 10 Attain: 30 dB Attain: 30 dB Pig 2.59290000 Hz Fig Free Run Aughted: 10 Attain: 30 dB Pig 3.592 Pig 2.59290000 Hz Fig Free Run Aughted: 10 Attain: 30 dB Pig 3.592 Pig 3.592	In State Sec. Sec. Sec. Sec. Sec. Sec. Sec. Sec	In the set of the set	In the second se	



Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB243\_0\_CH508200



Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB243\_0\_CH518598



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# Report No.: TERF2407002104ER Page: 211 of 716



### Band41 90MHz DFT s OFDM SCS30kHz 16QAM RB243 0 CH528996

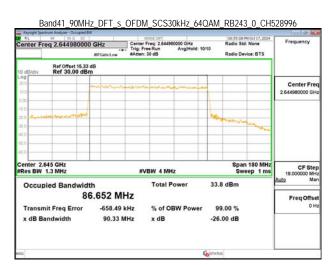
Keysight Spect	RF 58.0 CC		SENSE ONTI				PM Oct 17, 2024		
	eq 2.644980000	Trig	Center Freq: 2.644980000 GHz				d: None wice: BTS	Frequency	
10 dB/div									
200 100			and maked	mana	-			Center Freq 2.644980000 GHz	
10 0 -10 0 -20 0	ment				han				
-40.0							and the second		
60.0			-						
Center 2.6 #Res BW			#VBW 4 M	łz	_		n 180 MHz eep 1 ms	18.000000 MHz	
Occup	ied Bandwidti	622 MHz	Total I	ower	34.2	dBm		Auto Man	
	it Freq Error ndwidth	-466.65 kHz 90.59 MHz	% of O x dB	BW Power	99. -26.0	00 % 0 dB		Freq Offset 0 Hz	
uso					status.				
690				10	10 STAILS				

Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB243\_0\_CH508200

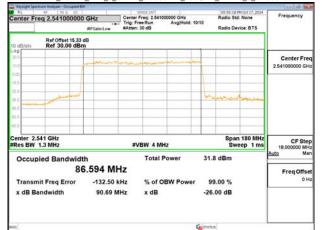


Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB243\_0\_CH518598

Keysight Spect	trum Analyser - Occupied Bi	v			10000		-0- 0-		
	eq 2.592990000	GHz #FGein:Low	Center Freq: 2.5929 Trig: Free Run #Atten: 30 dB	Radio Std Radio Dev	100 C	Frequency			
10 dB/div	Ref Offset 15.33 dB 0 dB/d/v Ref 30.00 dBm en								
20.0 10.0		manin	an and the second second				Center Free 2.592990000 GH		
10 0	-				Flagman .	where			
x0.0 x0.0 x0.0									
Center 2.5			#VBW 4 MH	b		180 MHz ep 1 ms	CF Ste		
	ied Bandwidt		Total F		33.5 dBm		18.000000 MH Auto Ma		
	86 it Freq Error indwidth	422.82 MH -422.82 kl 90.38 MH	Hz % of O	BW Power	99.00 % -26.00 dB		Freq Offse 0 H		
50				6	STATUS				



Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB243\_0\_CH508200



Band41\_90MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB243\_0\_CH518598 nter Freq 2.592990000 GHz Center Freq: 2.59299 Trig: Free Run 000 GHz Radio Std: N tio Device: BTS Ref Offset 15.33 dB Ref 30.00 dBm Center Free 2 59295 Span 180 Mi Sweet enter 2.593 GHz Res BW 1.3 MHz CF Step #VBW 4 MH Total Power 31.5 dBm **Occupied Bandwidth** 86.665 MHz Freq Offs Transmit Freg Error -368.20 kHz % of OBW Power 99.00 % 90.46 MHz x dB Bandwidth x dB -26.00 dB the

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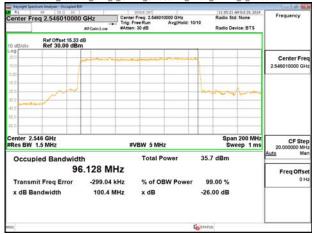
# Report No.: TERF2407002104ER Page: 212 of 716



Band41 90MHz DFT s OFDM SCS30kHz 256QAM RB243 0 CH528996

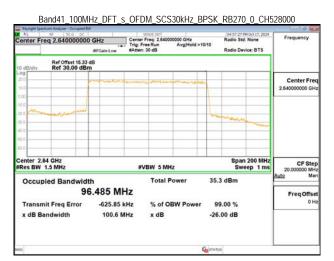
RL I	ar 310 cc		Center Fr	eg: 2.64498	0000 GHz		Radio Std	None	Frequency	
center rit	14 2.044300000	#FGain:Low	Trig: Free Run Avg/Hold: 10/10 #Atten: 30 dB				Radio Dev	ice: BTS		
10 dB/dlv Ref 30.00 dBm										
200 100		1. Marine Marine	and a star	m					Center Free 2.644980000 GH	
10.00										
410				-		14.47	whether the state	m		
50.0 60.0				-						
Center 2.6 Res BW			#VE	W 4 MH	z			180 MHz ep 1 ms	CF Ste 18.000000 MH	
Occup	ied Bandwidt	h 6.942 MH	17	Total P	ower	31.9	dBm		Auto Ma	
	it Freq Error ndwidth	-407.68 k 90.58 M	Hz	% of OE x dB	BW Power	100	.00 % 00 dB		Freq Offse 0 H	
50						Status				

Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB270\_0\_CH509202

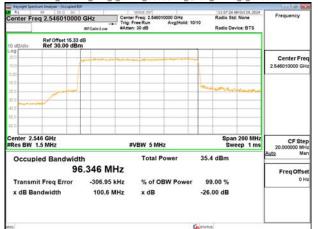


Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_BPSK\_RB270\_0\_CH518598

Center Fre	RL RF 50.0 cc enter Freq 2.592990000 GHz #FGeinLow			Center Freq: 2.592990000 GHz Trig: Freq: Na Avg/Hold: 10/10 #Atten: 30 dB			Radio Std: None Radio Device: BTS		Frequency		
10 dB/div		Ref Offset 15.33 dB Ref 30.00 dBm									
Log 20 0 10 0 0 00				an an an	*****				Center Fred 2.592990000 GHz		
10.0	-					La	ne	un			
41.0		_						-			
60.0											
Center 2.5 Res BW			#VB	W 5 MH	z			eep 1 ms	CF Step 20.000000 MH		
Occup	ied Bandwidt	h 6.378 MH		Total P	ower	35.4	dBm		Auto Mar		
	hit Freq Error andwidth	-487.93 k 100.6 M	Hz	% of OE x dB	3W Power	99.0 -26.0	00 % 0 dB		Freq Offsel		
50					1	STATUS					



Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_QPSK\_RB270\_0\_CH509202



Band41	_100MHz_	_DFT_s_	OFDM	_SCS30kHz_	_QPSK_	_RB270_	0_CH518598	

RL	RF 50.0 DC			SENSE ONT				PM Oct 17, 2024	Frequency
Center Freq 2.592990000 GHz Ref GainLow RAtten: 30 dB Radio Std: None Radio Device: BTS									requirey
10 dB/div	Ref Offset 15.33 Ref 30.00 dB								
200 100		non			man n	-			Center Fre 2.592990000 GH
10.0						-di	-	-	
-41.0									
-60.0				-					
Center 2.59 #Res BW 1			#1	VBW 5 MH	z			n 200 MHz eep 1 ms	CF Ste 20.000000 MH
Occupi	ed Bandwid 9	<sup>th</sup> 6.592 M	Hz	Total P	ower	35.	1 dBm		Auto Ma
	t Freq Error	-556.57	kHz		BW Power	- A.	9.00 %		0 H
x dB Bar	ndwidth	100.7 M	IHz	x dB		-26	.00 dB		
60						Lo statu			

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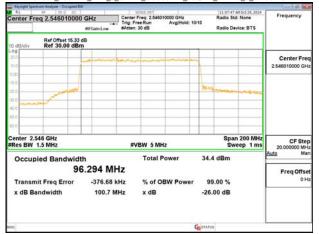
# Report No.: TERF2407002104ER Page: 213 of 716



### Band41 100MHz DFT s OFDM SCS30kHz QPSK RB270 0 CH528000

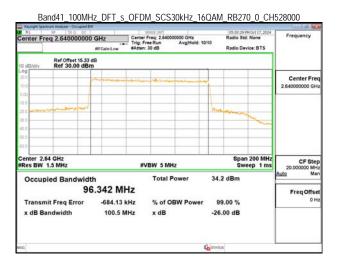
	rum Analyser - Occupied BW							-0-0-	
Center Fre	rq 2.640000000	T	Center Freq: 2.640000000 GHz Trig: Free Run Avg Hold:>10/10 #Atten: 30 dB				PH Oct 17, 2024 d: None evice: BTS	Frequency	
10 dB/div	Ref Offset 15.33 d Ref 30.00 dBm								
200 100	1		N-1999-1-10	m	-			Center Freq 2.64000000 GHz	
-10.0	manar					-			
-41.0						1. Autor	marin		
-50.0						_			
Center 2.6 #Res BW 1			#VBW	5 MHz			n 200 MHz veep 1 ms	CF Step 20.000000 MHz	
Occupi	ied Bandwidt	h .368 MHz		tal Power		34.5 dBm		Auto Man	
Transm x dB Ba	it Freq Error	-812.24 kHz 100.6 MHz	z %	of OBW Po B		99.00 % -26.00 dB		Freq Offset 0 Hz	
150					to:	itatus			

Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB270\_0\_CH509202



Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_16QAM\_RB270\_0\_CH518598

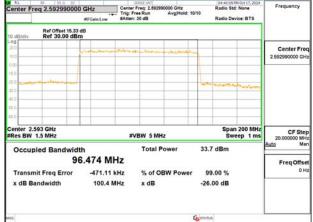
Keysight Spec	trum Analyter - Occupied BM RF 50 0 0C	6	1.12	NSE 2NT			la constante	W Oct 17, 2024	0.0	
	enter Freq 2.592990000 GHz #FGeinLow			Center Freq: 2.592990000 GHz			Radio Std: None Radio Device: BTS		Frequency	
10 dB/div										
200 100		ame	وارجعهم						Center Freq 2.592990000 GHz	
20.0						-	warmen and			
41.0				-						
center 2.5	602 CH2						Poar	200 MHz		
#Res BW			#VE	SW 5 MH	Iz			eep 1 ms	CF Step 20.000000 MHz	
Occup	ied Bandwidt 96	h .360 MH	łz	Total P	ower	34.0	dBm		Auto Man Freg Offset	
	hit Freq Error Andwidth	-561.79 k 100.8 M		% of O x dB	BW Power		.00 % 00 dB		0 Hz	
60						Status				



Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB270\_0\_CH509202



Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_64QAM\_RB270\_0\_CH518598



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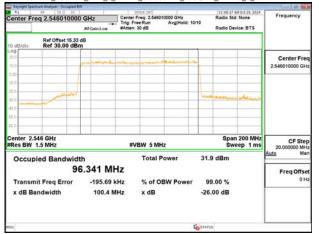
# Report No.: TERF2407002104ER Page: 214 of 716



Band41 100MHz DFT s OFDM SCS30kHz 64QAM RB270 0 CH528000

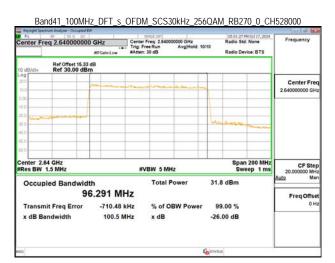
w	SENSE ONTI		105	11-01 PM 0+17, 2024	0.0			
	Center Freq: 2.64000000 GHz Trig: Free Run Avg(Hold: 10/10 #Atten: 30 dB			o Std: None	Frequency			
Ref Offset 15.33 dB 10 dB/div Ref 30.00 dBm								
	-			_	Center Free 2.640000000 GH			
				and and				
				_				
	#VBW 5 M	łz		Span 200 MHz Sweep 1 ms	20.000000 MH			
th		Power	33.9 dB	m	Auto Ma			
5.471 MHz					FreqOffse			
-717.43 kHz	% of C	BW Power	99.00	%	он			
100.5 MHz	x dB		-26.00 d	В				
			status					
	0 GHz 0 T #FGeint.cw # dB m th 6.471 MHz -717.43 kHz	CH2 CH2 CH2 CH2 CH2 CH2 CH2 CH2	3 GHz	3 GHz  Center Freq: 24400000 GHz  Rad    arGainLow  Trg: Free Run  Arginole: 1010  Rad    dB  Artan: 20 dB  Arginole: 1010  Rad    dB  Martan: 20 dB  Arginole: 1010  Rad    m  Martan: 20 dB  Arginole: 1010  Rad    m  Martan: 20 dB  Martan: 20 dB  Arginole: 1010    m  Martan: 20 dB  Martan: 20 dB  Arginole: 1010    m  Martan: 20 dB  Martan: 20 dB  Arginole: 1010    m  Martan: 20 dB  Arginole: 1010  Martan: 20 dB    m  Total Power  90.00  100.5 MHz  X dB    100.5 MHz	BHZ BHZ BHZ BHZ BHZ BHZ BHZ BHZ			

Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB270\_0\_CH509202



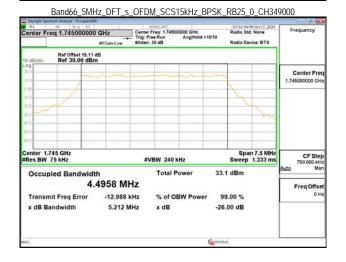
Band41\_100MHz\_DFT\_s\_OFDM\_SCS30kHz\_256QAM\_RB270\_0\_CH518598

Keysight Spect	trum Analyser - Occupied BV	12					04:40:51 P	M Oct 17, 2024	0.0
Center Fre	eq 2.592990000	GHz #FGein:Low	Center Freq: 2.592990000 GHz Trig: Free Run Avg(Hold: 10/10 #Atten: 30 dB				Radio Std	None	Frequency
10 dB/div	Ref Offset 15.33 o Ref 30.00 dBn								
200		بمهرسام		Acres	ment				Center Free 2.592990000 GHz
10.00									
30.0	Condition					hos	مایک تعدمته		
50.0									
Center 2.5 Res BW			#VB	<b>м 5 м</b> н	z	-		200 MHz eep 1 ms	CF Step 20.000000 MH
Occup	ied Bandwidt	h 6.237 MH		Total P	ower	31.6	ð dBm		Auto Mar
	nit Freq Error andwidth	-637.78 k 100.4 M	Hz	% of OE x dB	BW Power		9.00 % 00 dB		Freq Offsel 0 Ha
50						Statu	5		



Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB25\_0\_CH342500





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# Report No.: TERF2407002104ER Page: 215 of 716



### Band66 5MHz DFT s OFDM SCS15kHz BPSK RB25 0 CH355500

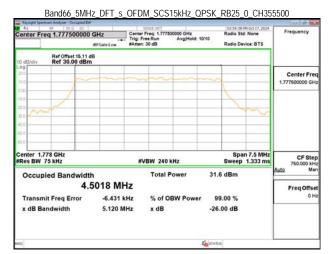
	trum Analyser - Occupied B	w		war swit	-		-		0
Center Fre	eq 1.77750000	O GHz #FGein:Low	Center Freq: 1.777500000 GHz		Radio Device: BTS		Frequency		
10 dB/div	Ref Offset 15.11 Ref 30.00 dB								
200 200 100	-	m							Center Fre 1.777500000 GH
10.0	/						1		
30.0								the second	
50.0 60.0				-					
Center 1.7 #Res BW			#VE	3W 240 H	Hz			n 7.5 MHz 1.333 ms	CF Ste 750.000 ki-
Occup	ied Bandwid 4	<sup>th</sup> 5028 MH	łz	Total P	ower	32.	9 dBm		Auto Ma
1	nit Freq Error andwidth	-18.121 k 5.098 M		% of OI x dB	BW Powe		9.00 % .00 dB		01
MSG						<b>E</b> stan	8		

Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH342500



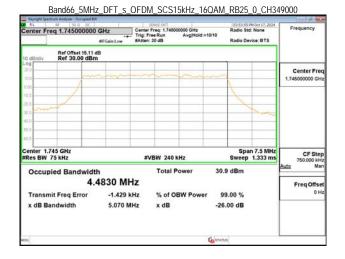
Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB25\_0\_CH349000

Keysight Spectr	um Analyser - Occupied BV RF 53 Q DC	v	sense anti		0252230	94 Oct 17, 2024	00
Center Fre	q 1.74500000	-	enter Freq: 1.7450 rig: Free Run Atten: 30 dB	Radio Std 10 Radio Der	None	Frequency	
10 dB/div	Ref Offset 15.11 Ref 30.00 dBn						
200 100	~						Center Free 1.745000000 GHz
10.0					1	~	
40.0							
conter 1.74						n 7.5 MHz	CF Step
#Res BW 7			#VBW 240		31.7 dBm	1.333 ms	750.000 kHa Auto Mar
Occupi	ed Bandwidt 4.	n 4939 MHz		ower	31.7 dbm		FreqOffset
Transmi x dB Bar	t Freq Error ndwidth	-10.629 kH 5.083 MH		BW Power	99.00 % -26.00 dB		0 H3
450				4	STATUS		



Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB25\_0\_CH342500





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### Band66 5MHz DFT s OFDM SCS15kHz 16QAM RB25 0 CH355500

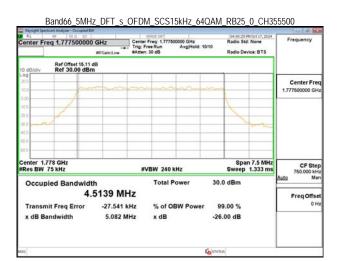
	bum Analyser - Occupied BV	12			100000000		-0-0-0-
Center Fre	eq 1.777500000		Center Freq: 1.777 Trig: Free Run #Atten: 30 dB	500000 GHz Avg Hold: 10	Radio Sto		Frequency
10 dB/div	Ref Offset 15.11 o Ref 30.00 dBn						
20.0	~				-		Center Freq 1.777500000 GHz
10.0					1		
410	~					- when	
-60.0							
Center 1.7 #Res BW			#VBW 240	kHz		n 7.5 MHz 1.333 ms	CF Step 750.000 kHz
Occup	ied Bandwidt			Power	31.0 dBm		Auto Man
	4.	4817 MH	z				Freq Offset
	it Freq Error	-2.461 kH		DBW Power	99.00 %		0 Hz
x dB Ba	ndwidth	5.136 MH	z xdB		-26.00 dB		
150				4	STATUS		

Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB25\_0\_CH342500



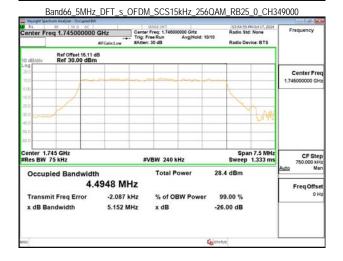
Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB25\_0\_CH349000

RL	aq 1.745000000		Center Freq: 1.745000000 GHz Trig: Free Run Avg(Hold: 10/10 #Atten: 30 dB			Radio Device: BTS		Frequency	
10 dB/div	Ref Offset 15.11 dB Ref 30.00 dBm								
200 100	~		~~~			~			Center Freq 1.745000000 GHz
20.0							1		
40.0								V.	
Center 1.7 Res BW			#VE	3W 240 H	Hz			n 7.5 MHz 1.333 ms	CF Step 750.000 kHz
Occup	ied Bandwidt 4.4	h 4929 MH	łz	Total P	ower	30	1 dBm		Auto Man Freg Offset
	it Freq Error Indwidth	-6.291 k 5.007 M		% of Ol x dB	BW Powe	10 J.S.	9.00 % 5.00 dB		0 Hz
66						to stat	5		



Band66\_5MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB25\_0\_CH342500





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### Band66 5MHz DFT s OFDM SCS15kHz 256QAM RB25 0 CH355500

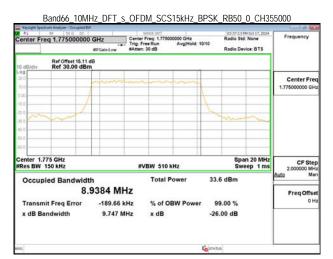
	bum Analyser - Occupied BV	1	- Contra Science Sci		10000		-0-0-
Center Fre	eq 1.777500000		inter Freq: 1.7775 ig: Free Run itten: 30 dB	00000 GHz Avg Hold: 10	Radio St	PHOd 17, 2824 d: None rvice: BTS	Frequency
10 dB/div	Ref Offset 15.11 c Ref 30.00 dBn						
20.0	-				~		Center Freq 1.777500000 GHz
-10.0					1		
-41.0						ww.huj	
-50.0							
Center 1.7 #Res BW			#VBW 240	kHz		n 7.5 MHz 1.333 ms	CF Step 750.000 kHz
Occup	ied Bandwidt 4.	<sup>h</sup> 4961 MHz	Total I	Power	28.6 dBm		Auto Man Freg Offset
	it Freq Error Indwidth	-3.268 kHz 5.106 MHz		BW Power	99.00 % -26.00 dB		0 Hz
#50					status		

Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB50\_0\_CH343000



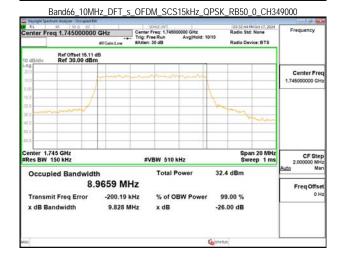
Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB50\_0\_CH349000

Center Fre	eq 1.74500000	GHz #FGein:Low	Center Freq: 1.745000000 GHz Trig: Free Run Avg/Hold: 10/10 #Atten: 30 dB		10/10	Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 15.11 ( Ref 30.00 dBn						
200 100				mm			Center Freq 1.745000000 GHz
0.00 10.0 20.0					1		
41.0					14	mon	
60.0							
Center 1.7 Res BW			#VBW	510 kHz		Span 20 MHz Sweep 1 ms	CF Step 2.000000 MHz
Occup	ied Bandwidt 8.	h 9650 MH		tal Power	33.1	dBm	Auto Man
	hit Freq Error andwidth	-183.59 k 9.739 M		of OBW Power B	99. -26.0	00 % 0 dB	0 H3
50					to status		



Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB50\_0\_CH343000





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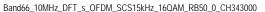
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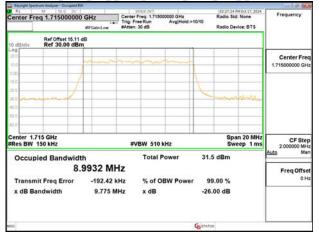
# Report No.: TERF2407002104ER Page: 218 of 716



### Band66 10MHz DFT s OFDM SCS15kHz QPSK RB50 0 CH355000

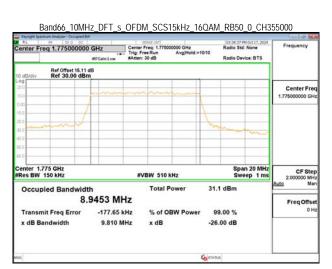
	rum Analyser - Occupied BN	r				-0-0-
Center Fre	iq 1.775000000	Trig	ter Freq: 1.775000000 GHz Free Run Avg[Hold; en: 30 dB	Radio Std		Frequency
t0 dB/div	Ref Offset 15.11 c Ref 30.00 dBm					
200 100		mini				Center Freq 1.775000000 GHz
-10.0						
-41.0						
-60.0						
Center 1.7 #Res BW 1			#VBW 510 kHz		eep 1 ms	CF Step 2.000000 MHz
Occupi	ied Bandwidt		Total Power	32.2 dBm		<u>Auto</u> Man
	8.9 it Freq Error ndwidth	-177.58 kHz 9.652 MHz	% of OBW Powe	r 99.00 %		Freq Offset 0 Hz
A GD Dd	nawiaal	0.032 MH2		-20.00 08		
MSG				to status		



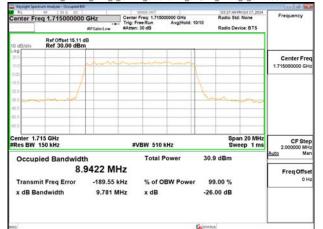


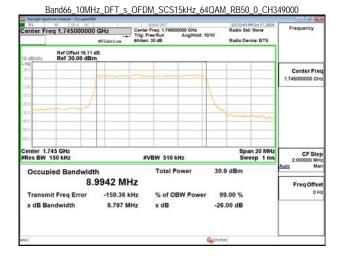
Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB50\_0\_CH349000

	ourn Analyser - Occupied Bi	N				-0-0-0-0
Center Fre	eq 1.74500000	-	Center Freq: 1.74 Trig: Free Run #Atten: 30 dB	5000000 GHz Avg Hold: 10/10	Radio Device: BTS	Frequency
10 dB/div	Ref Offset 15.11 Ref 30.00 dBr					
200		jun me		my		Center Fred 1.745000000 GH:
20.0	mund					
41.0						
Center 1.7 Res BW			#VBW 510	D kHz	Span 20 MHz Sweep 1 ms	CF Step 2.000000 MH
Occup	ied Bandwidt 8.	<sup>h</sup> 9374 MH		Power 3	1.2 dBm	Auto Mar Freq Offse
	it Freq Error ndwidth	-182.16 kH 9.812 MH			99.00 % 26.00 dB	0 H
50				(jast)	ATUS	



Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB50\_0\_CH343000





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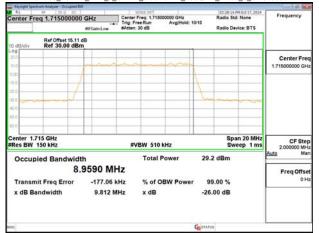
# Report No.: TERF2407002104ER Page: 219 of 716



### Band66 10MHz DFT s OFDM SCS15kHz 64QAM RB50 0 CH355000

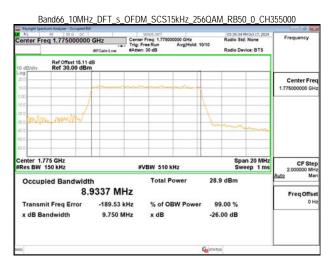
Keysight Spectrum Analyzer - Occupied BV	V			-02-02-04-04-04-04-04-04-04-04-04-04-04-04-04-				
Center Freq 1.775000000	Trig:	Freq: 1.775000000 GHz Free Run Avg Hold:>10 n: 30 dB	Radio Std: None Radio Device: BTS	Frequency				
10 dB/div Ref 30.00 dBn	Ref Offset 15.11 dB Ref 30.00 dBm							
200 500		man		Center Freq 1.775000000 GHz				
10.0								
30.0 m. M. Manut			manningerthere					
60.0								
Center 1.775 GHz #Res BW 150 kHz		VBW 510 kHz	Span 20 MHz Sweep 1 ms					
Occupied Bandwidt		Total Power	30.4 dBm	Auto Man				
8.	9730 MHz			Freq Offset				
Transmit Freq Error	-203.75 kHz	% of OBW Power	99.00 %	0 Hz				
x dB Bandwidth	9.910 MHz	x dB	-26.00 dB					
MSG			STATUS					

Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH343000

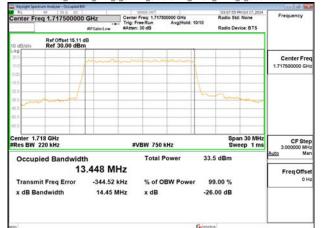


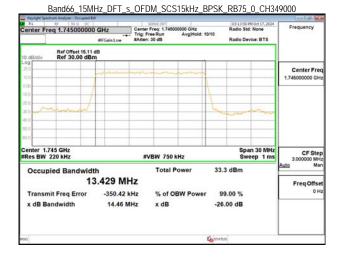
Band66\_10MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB50\_0\_CH349000

Center Fre	eq 1.74500000	I GHz #FGain:Low	Center Freq: 1.745000000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			10/10	Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 15.11 Ref 30.00 dBn							
20.0			-	-con-				Center Fred 1.745000000 GHz
10 0 20 0								
41.0						~		
Center 1.7 Res BW			#VE	3W 510	KHZ		Span 20 MHz Sweep 1 ms	CF Step 2.000000 MH
Occup	ied Bandwidt 9.	h 0268 MH	łz	Total P	ower	29	1 dBm	Auto Mar Freq Offse
	hit Freq Error andwidth	-157.00 k 9.810 M		% of O x dB	BW Powe	11 J.S.	9.00 % 5.00 dB	он
50						Costat	15	



Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB75\_0\_CH343500





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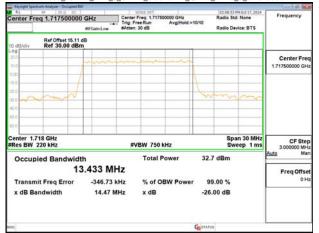
# Report No.: TERF2407002104ER Page: 220 of 716



### Band66 15MHz DFT s OFDM SCS15kHz BPSK RB75 0 CH354500

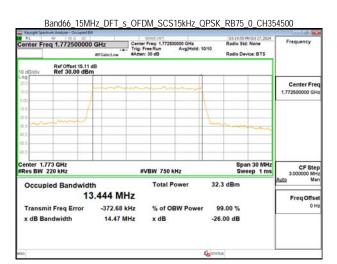
Keysight Spectrum Analyser - Occupied B	W			-0-0-0-					
Center Freq 1.77250000	Trig:	r Freq: 1.772500000 GHz Free Run Avg[Hold: 10 n: 30 dB	01:18:50 PH Oct 17, 20 Radio Std: None 0/10 Radio Device: BTS	Frequency					
10 dB/div Ref 30.00 dBr	Ref 0ffset 15.11 dB Ref 30.00 dBm								
200		m		Center Freq 1.772500000 GHz					
10.0									
41.0			human	-					
60.0 40.0									
Center 1.773 GHz #Res BW 220 kHz		VBW 750 kHz	Span 30 Mł Sweep 1 m	3.000000 MHz					
Occupied Bandwid		Total Power	33.1 dBm	Auto Man					
1:	3.397 MHz			Freq Offset					
Transmit Freq Error	-370.81 kHz	% of OBW Power	99.00 %	0 Hz					
x dB Bandwidth	14.35 MHz	x dB	-26.00 dB						
MSG			Costatus.						

Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB75\_0\_CH343500

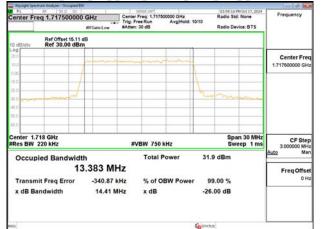


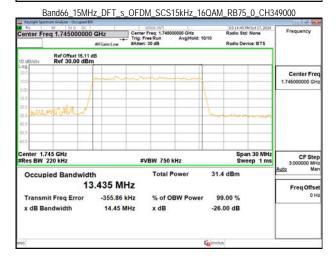
Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB75\_0\_CH349000

Keysight Spe	RF 53.0 0C	v	SENSE INT		03:14:18 PH O	-0-0-1
	req 1.74500000	GHz #FGain:Low	Center Freq: 1.745	000000 GHz Avg Hold: 10/1	Radio Std: N	one Frequency
10 dB/div	Ref Offset 15.11 o Ref 30.00 dBn					
200		m		m		Center Fr 1.745000000 G
10.0						
30.0	mound					
50.0						
Center 1. #Res BW			#VBW 750	kHz		30 MHz CF Sto 5 1 ms 3 000000 M
Occup	pied Bandwidt	h 3.441 MH		Power	32.4 dBm	Auto M
	nit Freq Error andwidth	-355.71 k 14.53 M	Hz % of 0	DBW Power	99.00 % -26.00 dB	Freq Offs
50				G	status	



Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB75\_0\_CH343500





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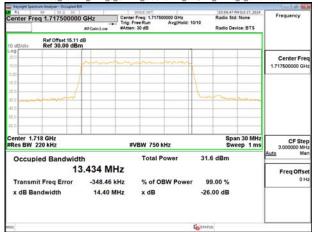
# Report No.: TERF2407002104ER Page: 221 of 716



### Band66 15MHz DFT s OFDM SCS15kHz 16QAM RB75 0 CH354500

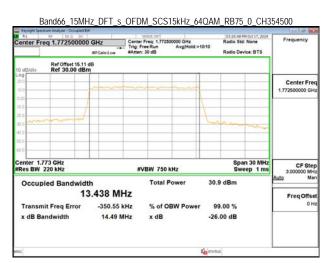
	rum Analyser - Occupied 8	W						-0-0-
Center Fre	rq 1.77250000	0 GHz #FGain:Low	Center Freq: 1.772500000 GHz R Trig: Free Run Avg/Hold: 10/10				o Std: None o Device: BTS	Frequency
t0 dB/div	Ref Offset 15.11 Ref 30.00 dB	dB m						
200 100			mi					Center Freq 1.772500000 GHz
10.0								
-41.0						m	m	
60.0				1				
Center 1.7 #Res BW 2			#VI	BW 750 k	Hz		Span 30 MHz Sweep 1 ms	CF Step 3.000000 MHz
Occupi	ied Bandwid		12	Total P	ower	31.3 dB	n	Auto Man
Transmi x dB Ba	it Freq Error	3.446 MI -372.55   14.49 N	kHz	% of OE x dB	3W Power	99.00 -26.00 d		Freq Offset 0 Hz
MSG					_	status.		

Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB75\_0\_CH343500

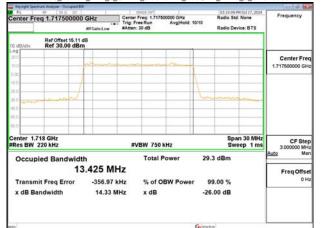


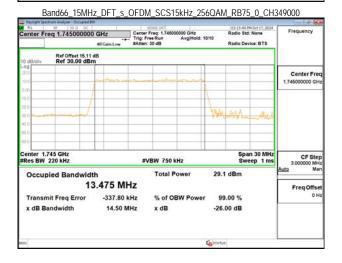
Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB75\_0\_CH349000

Center Fre	q 1.745000000	GHz #FGein:Low	Center Freq: 1.745000000 GHz Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB			0/10	Radio Device: BTS		Frequency
10 dB/div	Ref Offset 15.11 o Ref 30.00 dBn								
200 100					wing				Center Freq 1.745000000 GHz
20.0						1			
41.0									
Center 1.7			#VBI	N 750 k	Hz			n 30 MHz ep 1 ms	CF Step 3.000000 MH3
Occupi	ied Bandwidt 13	h 8.453 MH		Total P	ower	30.7	/ dBm		Auto Mar
	it Freq Error ndwidth	-336.79 k 14.52 M	Hz	% of Of x dB	3W Power	1.00	9.00 % 00 dB		Freq Offsel 0 Hz
50						(hstatu			



Band66\_15MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB75\_0\_CH343500





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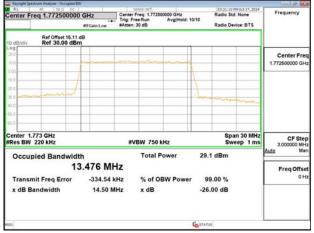
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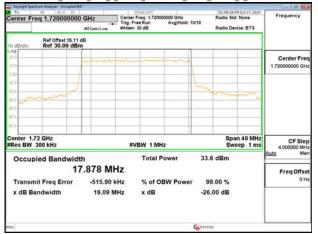
# Report No.: TERF2407002104ER Page: 222 of 716



### Band66 15MHz DFT s OFDM SCS15kHz 256QAM RB75 0 CH354500

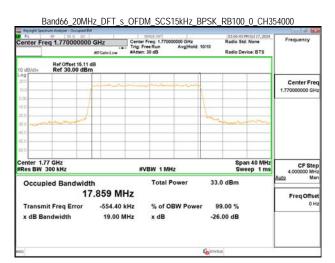


Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB100\_0\_CH344000

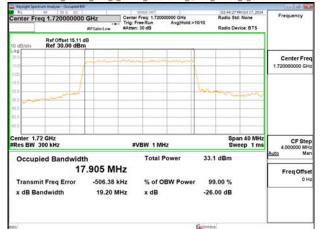


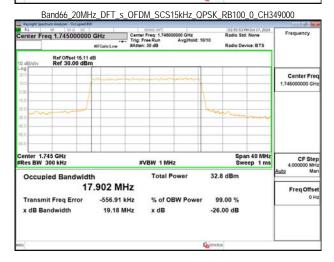
Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB100\_0\_CH349000

Center Fre	aq 1.745000000		Center Freq: 1.745000000 GH: Trig: Free Run Avg/H #Atten: 30 dB	z old:>10/10	Radio Device: BTS	Frequency
10 dB/div	Ref Offset 15.11 Ref 30.00 dBn					
20.0				-		Center Freq 1.745000000 GHz
20.0	mond			1	man	
41.0 50.0						
Center 1.7 Res BW			#VBW 1 MHz		Span 40 MHz Sweep 1 ms	CF Step 4.000000 MH
Occup	ied Bandwidt 17	<sup>th</sup> 7.885 MH	Total Power	33	.5 dBm	Auto Mar Freq Offset
	it Freq Error ndwidth	-531.50 kH 18.90 MH			99.00 % 5.00 dB	0 H3
50				Co stat	na l	



Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB100\_0\_CH344000





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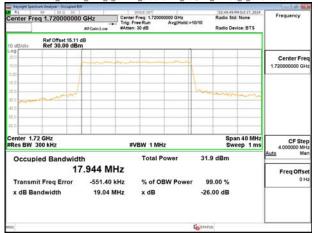
# Report No.: TERF2407002104ER Page: 223 of 716



### Band66 20MHz DFT s OFDM SCS15kHz QPSK RB100 0 CH354000

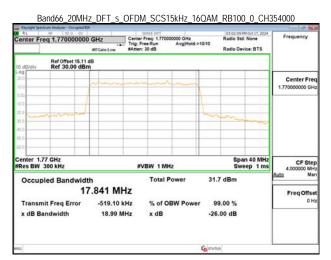
Keysight Spect	trum Analyser - Occupied BV	N							-0- 0-
	eq 1.77000000	I GHz	Center Freq: 1.77000000 GHz Trig: Freq: N.7000000 GHz Trig: Freq: N. Avg Hold: 10/10 #Atten: 30 dB				Radio Std: None Radio Device: BTS		Frequency
10 dB/div	Ref Offset 15.11 Ref 30.00 dBn						_		
200 100		m	~~~		m				Center Freq 1.770000000 GHz
10.0									
30.0						+ Plane	m		
50.0				-					
Center 1.7 #Res BW			#VE	SW 1 MH	z			in 40 MHz eep 1 ms	CF Step 4.000000 MHz
Occup	ied Bandwidt			Total P	ower	32.	7 dBm		<u>Auto</u> Man
	17 hit Freq Error andwidth	7.841 MH -514.64 k 18.97 M	Hz	% of Of x dB	3W Power		9.00 % .00 dB		Freq Offset 0 Hz
MSG						(astatu	5		

Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB100\_0\_CH344000



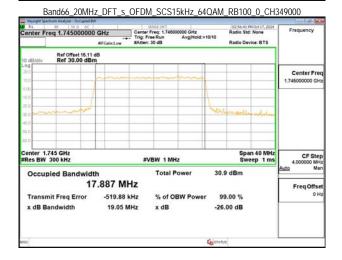
Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB100\_0\_CH349000

RL	RF 58 0 DC		SENSE SVT		02:54:19 PH Oct 17, 20 Radio Std: None	24 Frequency
Center Fre	q 1.74500000	-	Trig: Free Run #Atten: 30 dB	Avg Hold: 10/10		
10 dB/div	Ref Offset 15.11 Ref 30.00 dBr					
20.0			m	·······		Center Free 1.745000000 GH
20.0	mand			1	manne	
x0.0 x1.0 x0.0						
center 1.7			#VBW 1 M	42	Span 40 Mi Sweep 1 n	
	ied Bandwidt		Total F		31.8 dBm	Auto Ma
	and the second	7.861 MH	<u> -</u>	202233000		Freq Offse
	it Freq Error ndwidth	-525.71 kH 19.06 MH		BW Power	99.00 % -26.00 dB	
50				the second se	status	



Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_64QAM\_RB100\_0\_CH344000





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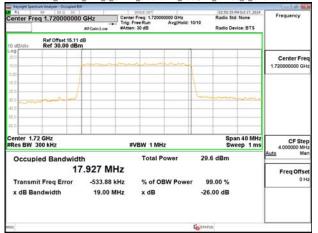
# Report No.: TERF2407002104ER Page: 224 of 716



### Band66 20MHz DFT s OFDM SCS15kHz 64QAM RB100 0 CH354000

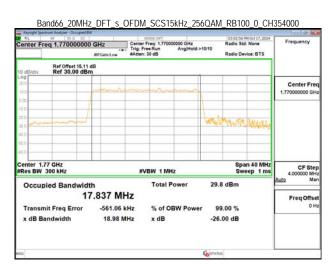
Keysight Spectrum An	talyour - Occupied IN	N							-0-0-
Center Freq 1	Center F	Stree Stril Center Freq: 1.770000000 GHz Trig: Free Run Avg/Hold: 10/10 #Atten: 30 dB			Radio Device: BTS		Frequency		
10 dB/div R	ef Offset 15.11 ef 30.00 dBr								
20.0		man	~~~~						Center Freq 1.770000000 GHz
10.0	. 1							_	
-41.0	~~~~					Vin	m		
-50.0 -60.0									
Center 1.77 Gi #Res BW 300 I			#VI	BW 1 MH	z			40 MHz p 1 ms	CF Step 4.000000 MHz
Occupied			2	Total P	ower	31.2	dBm		Auto Man
Transmit Fr	req Error	-540.96 k	Hz	% of OI	BW Power		00 %		Freq Offset 0 Hz
MSG						to status			

Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB100\_0\_CH344000



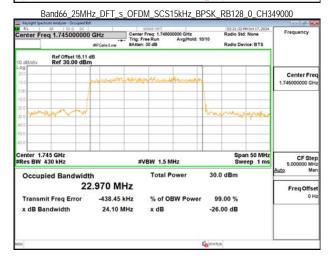
Band66\_20MHz\_DFT\_s\_OFDM\_SCS15kHz\_256QAM\_RB100\_0\_CH349000

RL	q 1.745000000			eq: 1.74500	0000 GHz Avg/Hold: 1		82:57:85 PH Oct 17, 2824 Radio Std: None	Frequency
		#FGein:Low	#Atten: 3	0 dB	A Martines		Radio Device: BTS	
10 dB/div	Ref Offset 15.11 ( Ref 30.00 dBn							
200 100					marthad			Center Freq 1.745000000 GHz
10.00								
30.0	and the second					have	man	
50.0				-				
Center 1.74 #Res BW 3			#VE	W 1 MH	z		Span 40 MHz Sweep 1 ms	CF Step 4.000000 MH
Occupi	ed Bandwidt	<sup>ь</sup> 7.916 МН	17	Total P	ower	29.4	dBm	Auto Man
	it Freq Error	-521.16 k	Hz		3W Power		.00 %	Freq Offsel 0 Hz
x dB Ba	ndwidth	19.10 M	HZ	x dB		-26.	00 dB	
66						Costatus		



Band66\_25MHz\_DFT\_s\_OFDM\_SCS15kHz\_BPSK\_RB128\_0\_CH344500





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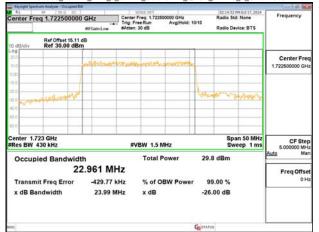
# Report No.: TERF2407002104ER Page: 225 of 716



### Band66 25MHz DFT s OFDM SCS15kHz BPSK RB128 0 CH353500

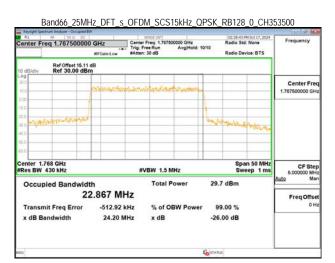
Keysight Spectrum Analyzer - Occu				-0-0-0-00	
Center Freq 1.76750	0000 GHz	Center Freq: 1.767500000 GHz Trig: Free Run Avg Hold; #Atten: 30 dB	02-27:32 94:0ct 17, 2024 Radio Std: None 10/10 Radio Device: BTS	Frequency	
10 dB/div Ref 30.00					
200 100	en marianari	h hin another the head of the second		Center Freq 1.767500000 GHz	
20.0			The second		
-41.0			- Angelen - Aller and		
60.0					
Center 1.768 GHz #Res BW 430 kHz		#VBW 1.5 MHz	Span 50 MHz Sweep 1 ms	5.000000 MHz	
Occupied Bandy		Total Power	29.8 dBm	Auto Man	
	22.898 MH	N		Freq Offset	
Transmit Freq Erro x dB Bandwidth	-506.38 kH 23.94 MH		r 99.00 % -26.00 dB	0.12	
MSG			Costatus.		

Band66\_25MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB128\_0\_CH344500

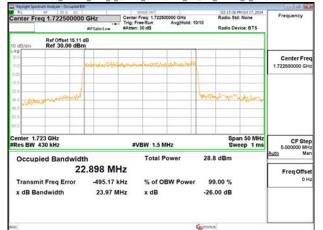


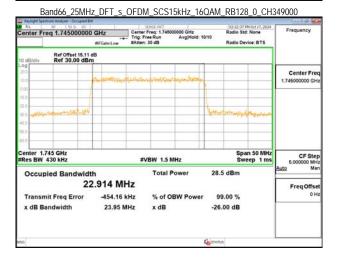
Band66\_25MHz\_DFT\_s\_OFDM\_SCS15kHz\_QPSK\_RB128\_0\_CH349000

Center Fred	1.745000000	GHz #FGain:Low	Center Fr	reg: 1.74500 e Run 0 dB	0000 GHz Avg(Hold: 1	0/10	Radio Device: BTS		Frequency
10 dB/div	Ref Offset 15.11 ( Ref 30.00 dBn								
20.0 10.0 0.00		protocolites	assoolte	unante	estatute to a constant				Center Freq 1.745000000 GHz
10 0 20 0 30 0	manad					m	urmen de	YYYYYY	
40.0 50.0 60.0									
Center 1.74 Res BW 43			#VE	3W 1.5 M	IHz	-		o 50 MHz ep 1 ms	CF Step 5.000000 MHz
Occupie	ed Bandwidt 22	h 2.856 MH	łz	Total P	ower	29.	5 dBm		Auto Man Freg Offset
Transmit x dB Ban	Freq Error dwidth	-355.75 k 23.91 M		% of Of x dB	BW Power	1.0	9.00 % .00 dB		0 Hz
50						to statu	5		



Band66\_25MHz\_DFT\_s\_OFDM\_SCS15kHz\_16QAM\_RB128\_0\_CH344500





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