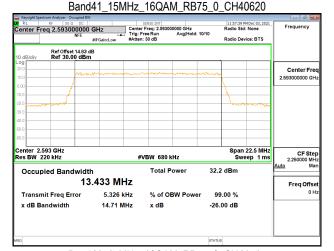
Report No.: ER/2021/A0027 Page: 175 of 422



Band41_15MHz_16QAM_RB75_0_CH39725

RL	ctrum Analyzer - Occupied BW RF 50 Ω DC		SENSE:INT			11:57:11	PM Dec 03, 2021	
enter Fr	eq 2.503500000		ter Freq: 2.5035			Radio Sto		Frequency
	NFE		: Free Run ten: 30 dB	Avg Hold:	10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.83 o Ref 30.00 dBn							
20.0								Center Fre
0.0	mine	A martine and a martine of the second			~~~~~			2.503500000 GI
.00						1		
0.0	<u>(</u>					1		
0.0	mont					1 mo	Annal Long	
0.0								
0.0								
0.0								
0.0								
enter 2.5	504 GHz					Span	22.5 MHz	
es BW/2			#VBW 680	kHz			eep 1ms	2.250000 MI
Occup	ied Bandwidt	h	Total I	Power	32.0) dBm		Auto Ma
		3.427 MHz						Freq Offs
Transm	nit Freg Error	826 Hz	% of C	BW Powe	r 99	9.00 %		01
v dB Ba	andwidth	14.71 MHz	x dB		-26	00 dB		
					20.			
g					STATU			
3					STATU	2		



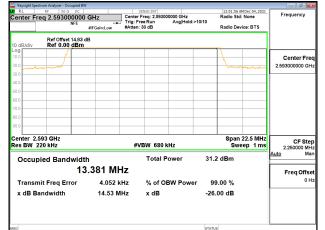
Band41 15MHz 16QAM RB75 0 CH41515

	trum Analyzer - Occupied BW					- 6 <mark>- ×</mark>
Center Fre	RF 50 Ω DC eq 2.682500000		SENSE:INT ar Freq: 2.682500000 GHz		11:58:07 PM Dec 03 Radio Std: None	
	NFE	Trig:	Free Run Avg Hold n: 30 dB		Radio Device: B1	rs
10 dB/div	Ref Offset 14.83 c Ref 30.00 dBm					
20.0						Center Freq
10.0	- ma	and the second	Mar and a second se	muna		2.682500000 GHz
0.00	- /					_
10.0	aman				L .	_
20.0	Annual Carlo					
30.0 40.0						-
50.0						
60.0						
Center 2.6 Res BW 2		#	≇VBW 680 kHz		Span 22.5 Sweep 1	
Occup	ied Bandwidt	h	Total Power	32.1	dBm	Auto Mar
occup		.436 MHz				Freq Offse
Transm	nit Freg Error	1.518 kHz	% of OBW Pow	er 99.	00 %	0 H
x dB Ba	andwidth	14.75 MHz	x dB	-26.0	0 dB	
sg				STATUS		

Band41 15MHz 64QAM RB75 0 CH39725



Band41_15MHz_64QAM_RB75_0_CH40620



Band41 15MHz 64QAM RB75 0 CH41515

Keysight Spectrum A	Analyzer - Occupied 50 Ω DC	BW	SENSE:INT		10.00.55	M Dec 04, 2021	
enter Freg 2			ter Freq: 2.682500000 GHz		Radio Std		Frequency
	NFE	Trig	:FreeRun Avg Holo en:30 dB	d:>10/10	Radio Dev	vice: BTS	
	Ref Offset 14.8 Ref 30.00 dE						
og 0.0							Center Fr
0.0	~	mannon	man mark	mon			2.682500000 G
1.00					<u> </u>		
0.0					1		
0.0					1		
0.0							
0.0							
50.0							
0.0							
enter 2.683 tes BW 220 k			#VBW 680 kHz			22.5 MHz eep 1 ms	CF St 2.250000 M
Occupied	l Bandwid	lth	Total Power	31.1	dBm		Auto M
	1	3.382 MHz					Freq Offs
Transmit F	req Error	2.852 kHz	% of OBW Pow	ver 99	.00 %		0
x dB Band	width	14.57 MHz	x dB	-26	00 dB		
ig .				STATU			

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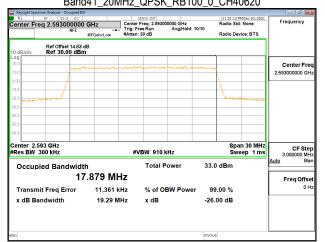
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Report No.: ER/2021/A0027 Page: 176 of 422



Band41 20MHz QPSK RB100 0 CH39750

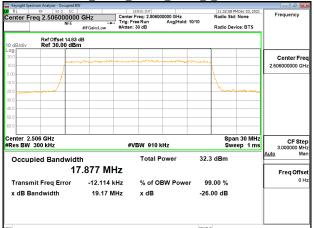
enter Fr	RF 50 Ω Teq 2.50600	10000 GI	Hz Gain:Low	Center Fr		0000 GHz Avg Hold	: 10/10	Radio Std Radio Dev		Frequency
0 dB/div	Ref Offset Ref 30.0									
.og 20.0 10.0		m	en Manser a star	unner	يعمر ومعليس	muham	m			Center Fre 2.506000000 GH
10.0	- /									
8.0								- where the second seco	· · · · · · · · · · · · · · · · · · ·	
0.0										
enter 2. Res BW				#VE	3W 910 H	(Hz			n 30 MHz ep 1 ms	CF Ste 3.000000 Mi
Occup	oied Band		367 MI	Ηz	Total P	ower	33.	1 dBm		Auto Ma
Transn	nit Freq Err	or	12.099	(Hz	% of O	BW Pow	er 99	9.00 %		01
x dB B	andwidth		19.17 N	1Hz	x dB		-26	.00 dB		
g							STATU	s		



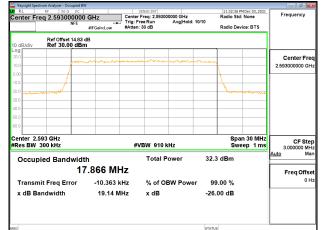
Band41 20MHz QPSK RB100 0 CH41490

Keysight Spect	rum Analyzer - Occupied BW RF 50 Ω DC		SENSE:INT	11:31:41 PM	
	ag 2.680000000	GHz Cente	r Freg: 2.68000000 GHz	Radio Std: N	
	NFE		Free Run Avg Hold: h:30 dB	10/10 Radio Devic	e: BTS
0 dB/div	Ref Offset 14.83 o Ref 30.00 dBn				
og 0.0					Center Fre
0.0	- mm		and a constrained and a constrained		2.68000000 GH
.00					
0.0					
0.0	and a start and a start and a start a s			money	den and a second
0.0					
0.0					
50.0					
50.0					
enter 2.6 Res BW 3		#	VBW 910 kHz		30 MHz CF Ste p 1 ms 3.000000 MH
Occupi	ied Bandwidt	h	Total Power	32.9 dBm	Auto Ma
					FreqOffs
Transm	it Freq Error	13.092 kHz	% of OBW Power	r 99.00 %	01
x dB Ba	ndwidth	19.23 MHz	x dB	-26.00 dB	
sg				STATUS	

Band41_20MHz_16QAM_RB100_0_CH39750



Band41_20MHz_16QAM_RB100_0_CH40620



Band41 20MHz 16QAM RB100 0 CH41490

Center Freq 2.680000000 GHz Freq 2.68000000 GHz Freq 2.6800000 GHz Freq 2.68000000 GHz Freq 2.68000000 GHz Freq 2.68000000 GHz Freq 2.68000000 GHz Center Freq 2.68000000 GHz Span 30 MHz Center Freq 2.68000000 GHz Span 30 MHz CF Freq 2.68000000 GHz Sweep 1 ms 3000000 Occupied Bandwidth Total Power 32.2 dBm 17.840 MHz Freq of	Keysight Spectrum Analyz							
N°E Fred Fire King Avg/Pedic 10/10 Radio Device: BTS 0 dB/dV Ref 30.00 dBm Center F 0 dD Ref 30.00 dBm Center F 0 dD Ref 30.00 dBm Center F 0 dD Ref 30.00 dBm Ref 30.00 dBm		50 Ω DC 30000000 G				Radio Sto		Frequency
0 dBlandwidth 19.10 MHz x dB -26.00 dB		NFE	Trig		Avg Hold: 10/1		vice: BTS	
Center F Center F 2.68 GHz #VBW 910 kHz Span 30 MHz 2.60 GHz #VBW 910 kHz Span 30 MHz 3.000000 Auto Occupied Bandwidth Total Power 32.2 dBm 17.840 MHz Freq OT Transmit Freq Error 2.898 kHz % of OBW Power 4 Mba -26.00 dB								
Bit Ministry CF S All Decides of the second s	og	30.00 abiii						
00 0		mun	mannon	ware and	mon	mana .		
enter 2.68 GHz Res BW 300 kHz #VBW 910 kHz Span 30 MHz Cocupled Bandwidth Total Power 32.2 dBm 17.840 MHz Transmit Freq Error 2.898 kHz % of OBW Power 99.00 % x dB Bandwidth 19.10 MHz x dB -26.00 dB								2.88000000 G
00 00		4						
Bit State Bit State Bit State	0.0	en la				line	mone	
Image: Constraint of the system of the sy	0.0							
Image: second	0.0							
Transmit Freq Error 2.898 kHz % of OBW Power 99.00 % x dB Bandwidth 19.10 MHz x dB -26.00 dB								
Res BW 300 kHz #VBW 910 kHz Sweep 1 ms Auto Occupied Bandwidth Total Power 32.2 dBm Auto 17.840 MHz Freq Of Freq Of Freq Of Transmit Freq Error 2.898 kHz % of OBW Power 99.00 % Image: Comparison of the second data seco	80.0							
Occupied Bandwidth Total Power 32.2 dBm 17.840 MHz Freq of Transmit Freq Error 2.898 kHz % of OBW Power 99.00 % x dB Bandwidth 19.10 MHz x dB -26.00 dB		z		#VBW 910 kH	z			CF Ste 3,000000 M
17.840 MHz Freq Of Transmit Freq Error 2.898 kHz % of OBW Power 99.00 % x dB Bandwidth 19.10 MHz x dB -26.00 dB	Occupied Ba	andwidth		Total Po	wer	32.2 dBm		
x dB Bandwidth 19.10 MHz x dB -26.00 dB			840 MHz					Freq Offs
	Transmit Freq	Error	2.898 kHz	% of OB	N Power	99.00 %		0
	x dB Bandwid	th	19.10 MHz	x dB		-26.00 dB		

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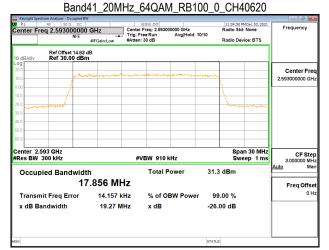
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Report No.: ER/2021/A0027 Page: 177 of 422



Band41 20MHz 64QAM RB100 0 CH39750

Keysight Spec	trum Analyzer - Occupied BW RF 50 Ω DC			SE:INT				PM Dec 03, 2021	
Center Fre	eq 2.506000000			rq: 2.50600	0000 GHz AvgiHold:	40/40	Radio Sto	d: None	Frequency
	NFE	#IFGain:Low	#Atten: 30		Avginoid.	10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.83 c Ref 30.00 dBm								
20.0									Center Freq
10.0		havener			Mathewar				2.506000000 GHz
0.00							1		
-10.0	/						1		
-20.0	And a starting								
-40.0									
-50.0									
-60.0									
Center 2.5 #Res BW			#VB	W 910 k	Hz			an 30 MHz eep 1 ms	CF Step 3.000000 MHz
Occup	ied Bandwidt	h		Total P	ower	31.3	dBm		<u>Auto</u> Man
	17	.856 MH	łz						Freq Offset
Transm	it Freq Error	10.005 k	Hz	% of OE	BW Powe	r 99	.00 %		0 Hz
x dB Ba	indwidth	19.29 M	Hz	x dB		-26.	00 dB		
MSG						STATU	3		



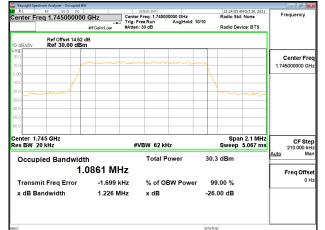
Band41 20MHz 64QAM RB100 0 CH41490

RL	rum Analyzer - Occupied BW RF 50 Ω DC		SENSE:INT		M Dec 03, 2021	
enter Fre	eq 2.680000000		ter Freq: 2.680000000 GHz ; Free Run AvgiHold:>	Radio Std	None Frequence	су
	NFE		en: 30 dB	Radio Dev	ice: BTS	
0 dB/div	Ref Offset 14.83 d Ref 30.00 dBm					
20.0					Center	Fre
0.0		mannamhan	and the second	amon	2.68000000	
				<u>\</u>		
0.0	/					
0.0 0.0	her man and			horn	and the second	
0.0						
0.0						
0.0						
0.0						
enter 2.6 Res BW 3			#VBW 910 kHz		n 30 MHz CF ep 1 ms 3,00000	Ste 0 M⊦
Occup	ied Bandwidtl	h	Total Power	31.3 dBm	Auto	Ma
	17	.831 MHz			FreqC	Offs
Transm	it Freq Error	4.278 kHz	% of OBW Powe	r 99.00 %		0 H
x dB Ba	ndwidth	19.28 MHz	x dB	-26.00 dB		
G				STATUS		

Band66_1.4MHz_QPSK_RB6_0_CH131979

Keysight Spec	trum Analyzer - Occupied BW RF 50 Ω DC		SENSE:INT			12:24:25	AM Oct 20, 2021	
enter Fr	eq 1.710700000		enter Freq: 1.7107			Radio St		Frequency
			ig: Free Run Atten: 30 dB	Avg Hold: 1	010	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.52 c Ref 30.00 dBm							
0.0								Center Fr
0.0		mmm	m	mm	m			1.710700000 G
	1							
1.0	/				$ \rangle$			
1.0	~~~~							
10								
1.0								
1.0								
enter 1.7 es BW 2			#VBW 62 k	Hz		Spa Sweep	n 2.1 MHz 5.067 ms	CF Ste 210.000 k
Occup	ied Bandwidt	h	Total F	Power	30.5	dBm		Auto M
	1.0	0853 MHz						Freq Offs
Transm	nit Freq Error	-1.797 kHz	% of O	BW Power	99	.00 %		0
x dB Ba	andwidth	1.221 MHz	x dB		-26.	00 dB		
					074714			

Band66_1.4MHz_QPSK_RB6_0_CH132322



Band66 1.4MHz QPSK RB6 0 CH132665

RL RF 50Ω DC Center Freq 1.779300000	Trig:	sense:int r Freq: 1.779300000 GHz Free Run Avg Hold: n: 30 dB	Rac >10/10	:25:20 AM Oct 20, 2021 lio Std: None lio Device: BTS	Frequency
Ref Offset 14.52 c 10 dB/div Ref 30.00 dBm					
-0g 20.0 10.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~~~		Center Fre 1.779300000 GH
0.00					
30.0				- Marina Marina	
50.0					
E0.0 Center 1.779 GHz				Span 2.1 MHz	
Res BW 20 kHz	#	VBW 62 kHz	Sw	eep 5.067 ms	CF Ste 210.000 kH
Occupied Bandwidt		Total Power	30.3 dE	m	Auto Ma
1.0	0847 MHz				Freq Offs
Transmit Freq Error	-1.910 kHz	% of OBW Powe	r 99.00	%	01
x dB Bandwidth	1.222 MHz	x dB	-26.00 (iB	
			STATUS		

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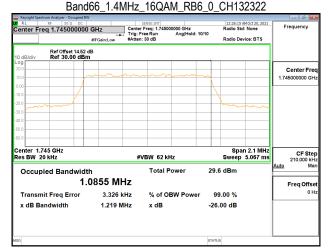
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Report No.: ER/2021/A0027 Page: 178 of 422



Band66_1.4MHz_16QAM_RB6_0_CH131979

RL	RF 50 Ω DC q 1.710700000	CU-		(SE:INT) eq: 1.71070	0000 GHz			8 AM Oct 20, 2021	Frequency
enter Fre	-	#IFGain:Low	Trig: Free #Atten: 3	Run	Avg Hold:	10/10		levice: BTS	
0 dB/div	Ref Offset 14.52 d Ref 30.00 dBm								
0.0		~~~~~~	·~~~			~~			Center Fre 1.710700000 GH
						1			
1.0 1.0								n m	
1.0									
enter 1.71 es BW 20			#VE	SW 62 kH	Iz			an 2.1 MHz 5.067 ms	CF Ste 210.000 k
Occupi	ed Bandwidth 1.0) 840 MH	z	Total P	ower	29	9.7 dBm		Auto Mi
Transmi x dB Bar	it Freq Error ndwidth	2.578 kl 1.217 Mi		% of OE x dB	3W Powe		99.00 % 6.00 dB		0
G						STA	arus		



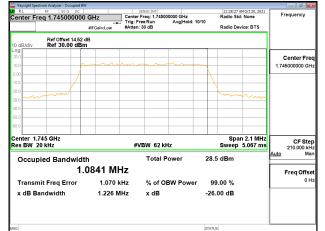
Band66 1.4MHz 16QAM RB6 0 CH132665

Keysight Spectrum Analyzer - Occupied BW						
X RL RF 50 Ω DC Center Freq 1.779300000	GHz	SENSE:INT Center Freq: 1.77930		Radio Sto	MOCt 20, 2021 1: None	Frequency
	#IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 10/1	0 Radio De	vice: BTS	
Ref Offset 14.52 c 10 dB/div Ref 30.00 dBm						
20.0	·····					Center Free
0.00						1.779300000 GH
10.0				λ		
20.0				m	mm	
40.0						
50.0						
50.0						
Center 1.779 GHz Res BW 20 kHz		#VBW 62 kH	łz		n 2.1 MHz 5.067 ms	CF Ste 210.000 kH
Occupied Bandwidt	h	Total P	ower	29.5 dBm		<u>Auto</u> Ma
1.0	0844 MH	z				Freq Offse
Transmit Freq Error	3.394 kl	Hz % of OI	BW Power	99.00 %		он
x dB Bandwidth	1.220 MI	Hz xdB		-26.00 dB		
sg				STATUS		

Band66 1.4MHz 64QAM RB6 0 CH131979

	trum Analyzer - Occupied BW									×
Center Fre	RF 50 Ω DC eq 1.710700000	GHz	Center F	NSE:INT req: 1.71070				4 AM Oct 20, 2021 Std: None	Frequency	
		#IFGain:Low	#Atten: 3		Avg Hold:	10/10	Radio I	Device: BTS		
10 dB/div	Ref Offset 14.52 c Ref 30.00 dBm									
20.0									Center F	rec
10.0			~~~~	non	~~~~~	~			1.710700000 0	GH:
0.00						- 1				-
10.0							\setminus			
20.0	monorm						how	m		
30.0	-									
40.0 50.0										
60.0										
Center 1.7 Res BW 2			#VI	3W 62 kH	Iz			oan 2.1 MHz p 5.067 ms	CF S 210.000	tej kH
Occup	ied Bandwidt	h		Total P	ower	28	.6 dBm		Auto M	Ma
	1.0	0838 MI	Ηz						Freq Off	fse
Transm	it Freq Error	366	Hz	% of O	BW Powe	r i	99.00 %		c	н
x dB Ba	Indwidth	1.228 N	IHz	x dB		-2	6.00 dB			_
										_
SG						STA	TUS			

Band66_1.4MHz_64QAM_RB6_0_CH132322



Band66 1.4MHz 64QAM RB6 0 CH132665

Keysight Spectrum Analy											00
RL RF Center Freq 1.7	50 Ω DC 79300000 G	GHz	Center Fi	NSE:INT reg: 1.77930				12:29:18 Radio St	AM Oct 20, 2021 d: None	Fr	equency
	*	IFGain:Low	#Atten: 3		Avg Hold	: 10/10		Radio De	vice: BTS		
0 dB/div Ref	Offset 14.52 dB 30.00 dBm										
.og 20.0											Center Fre
10.0	- p-		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mm						1.77	9300000 GH
1.00							N				
20.0											
	and							min	m		
0.0											
0.0											
50.0		_									
enter 1.779 GH tes BW 20 kHz	Iz		#VE	3W 62 kł	łz				n 2.1 MHz 5.067 ms		CF Ste 210.000 ki
Occupied B	Bandwidth			Total P	ower	;	28.4	dBm		Auto	M
		850 MH	Ηz								Freq Offs
Transmit Fre	q Error	490	Hz	% of O	BW Powe	ər	99	.00 %			01
x dB Bandwi	dth	1.226 M	IHz	x dB			26.	00 dB			
ig.						s	TATUS				

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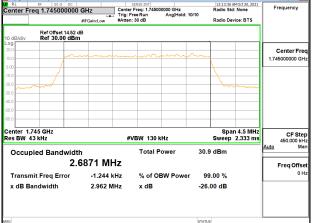
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Report No.: ER/2021/A0027 Page: 179 of 422

Band66 3MHz QPSK RB15 0 CH131987

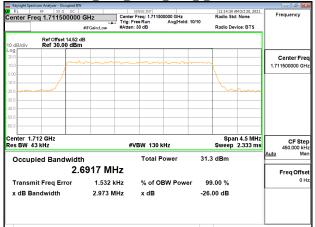
RL	ctrum Analyzer - Occup RF 50 Ω Teq 1.711500	DC	Trig: F	SENSE:INT r Freq: 1.7115 Free Run 1: 30 dB	00000 GHz Avg Hold:	10/10	12:13:09 AM Oct 20, 2021 Radio Std: None Radio Device: BTS		Frequency	
0 dB/div	Ref Offset 14 Ref 30.00 (.52 dB	w #Atter	: 30 85			Radio De	vice: D I S		
0 0.0 0.0		~				<u> </u>			Center Fre 1.711500000 GH	
0.0 0.0							<u>\</u>			
1.0 1.0 1.0										
enter 1. es BW 4			#	VBW 130	kHz			n 4.5 MHz 2.333 ms	CF Ste 450.000 kł	
Occup	oied Bandw	idth 2.6876	MHz	Total F	ower	30.	9 dBm		Auto Ma	
	nit Freq Erron andwidth		123 Hz 62 MHz	% of O x dB	BW Powe		9.00 % .00 dB		01	
G						STATI				
Marcala Car	ctrum Analyzer - Occup	and66_	3MHz_	QPSK	_KB15	0_0_0	CH132	2322	- 0	
RL	RF 50 Ω	DC		SENSE:INT			12:13:36	AM Oct 20, 2021	Frequency	



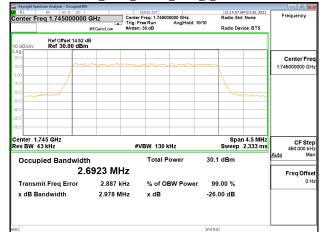
Band66 3MHz QPSK RB15 0 CH132657

Keysight Spectrum Analyzer - Occupied BW					@ <u>@</u>
RL RF 50 Ω DC Center Freq 1.778500000	GHz Cente	sense:INT Freq: 1.778500000 GHz	R	2:14:04 AM Oct 20, 2021 adio Std: None	Frequency
	- Irig:	FreeRun Avg Hold n:30 dB		adio Device: BTS	
Ref Offset 14.52 of 10 dB/div Ref 30.00 dBn					
.og 20.0					Center Fre
10.0			m		1.778500000 GH
1.00					
0.0					
0.0				mun	
0.0					
0.0					
0.0					
enter 1.779 GHz es BW 43 kHz	#	VBW 130 kHz	S	Span 4.5 MHz weep 2.333 ms	CF Ste 450.000 kH
Occupied Bandwidt	h	Total Power	30.7 d	Bm	Auto Ma
	6857 MHz		00.7 U	5	FreqOffse
Transmit Freq Error	-715 Hz	% of OBW Pow	er 99.00	0 %	он
x dB Bandwidth	2.957 MHz	x dB	-26.00	dB	
iG			STATUS		

Band66_3MHz_16QAM_RB15_0_CH131987



Band66_3MHz_16QAM_RB15_0_CH132322



Band66 3MHz 16QAM RB15 0 CH132657

RL RF 50 Ω DC Center Freq 1.778500000		SENSE:INT Freq: 1.778500000 GHz	Rad	15:25 AM Oct 20, 2021 lio Std: None	Frequency
	irig:	Free Run Avg Hold n: 30 dB		lio Device: BTS	
Ref Offset 14.52 0 dB/div Ref 30.00 dB/					
og 20.0					Center Fr
10.0	mon				1.778500000 G
1.00					
0.0			\setminus		
0.0			\ \	man	
0.0					
0.0					
20.0					
enter 1.779 GHz tes BW 43 kHz	ŧ	∜BW 130 kHz	Sw	Span 4.5 MHz eep 2.333 ms	CF Ste 450.000 k
Occupied Bandwid	th	Total Power	30.1 dB	m	Auto M
2.	.6914 MHz				Freq Offs
Transmit Freq Error	1.768 kHz	% of OBW Pow	er 99.00	%	0
x dB Bandwidth	2.982 MHz	x dB	-26.00 c	IB	

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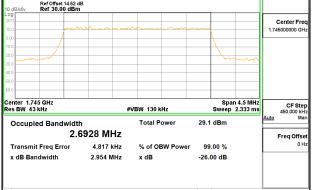
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Report No.: ER/2021/A0027 Page: 180 of 422



Band66 3MHz 64QAM RB15 0 CH131987

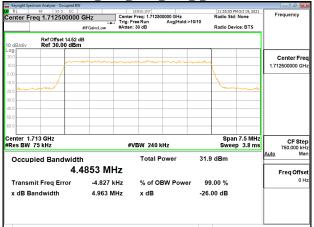
RL	RF 50 Ω	DC			INSE:INT			12-16-17-6	M Oct 20, 2021	
	eq 1.71150		47		reg: 1.71150	0000 GHz		Radio Std		Frequency
SILLET FIL	eq 1.7 1 150	0000 G	⊓z -≯	Trig: Fre	e Run	Avg Hold:	:>10/10			1
		#16	Gain:Low	#Atten:	30 dB			Radio Dev	vice: BTS	
	Ref Offset									
dB/div	Ref 30.0	0 dBm								
20										
										Center Fre
1.0	1		4		1 200000					1.711500000 GI
00	- /							N.		
	- /							1		
	mond							m	mon	
.0			-		1					
.0			-	-	+	-	-	-	-	
.0										
enter 1.7									n 4.5 MHz	CF Ste
esBW/4	3 kHz			#V	BW 130 H	Hz		Sweep	2.333 ms	450,000 k
										Auto M
Occup	ied Band	width			Total P	ower	29.	2 dBm		<u> </u>
Occup	ied Band		13 M	H7	Total P	ower	29.	2 dBm		
Occup	ied Band		913 MI	Hz	Total P	ower	29.	2 dBm		Freq Offs
	ied Band	2.69	013 MI			ower BW Powe		2 dBm 9.00 %		Freq Offs
Transm	nit Freq Err	2.69	4.244	kHz	% of O		ər 9	9.00 %		Freq Offs
Transm		2.69		kHz			ər 9			Freq Offs
Transm	nit Freq Err	2.69	4.244	kHz	% of O		ər 9	9.00 %		Freq Offs
Transm	nit Freq Err	2.69	4.244	kHz	% of O		ər 9	9.00 %		Freq Offs
Transm	nit Freq Err	2.69	4.244	kHz	% of O		ər 9	9.00 %		Freq Offs
Transm x dB Ba	nit Freq Err	2.69	4.244	kHz	% of O		ər 9 -26	9.00 % .00 dB		Freq Offs
Transm x dB Ba	nit Freq Err	2.69	4.244	kHz	% of O		ər 9	9.00 % .00 dB		Freq Offs
Transm x dB Ba	nit Freq Err andwidth	2.69	4.244 2.957 N	kHz 1Hz	% of OI x dB	BW Powe	ər 9 -26 _{statı}	9.00 % .00 dB	2222	Freq Offs
Transm x dB Ba	nit Freq Err andwidth	2.69	4.244 2.957 N	kHz 1Hz	% of OI x dB		ər 9 -26 _{statı}	9.00 % .00 dB	2322	Freq Offs
Transm x dB Ba	hit Freq Err andwidth B trum Analyzer - Occ	2.69	4.244 2.957 N	kHz 1Hz	% of OI x dB	BW Powe	ər 9 -26 _{statı}	9.00 % .00 dB	2322	Freq Offs 0
Transm x dB Ba	hit Freq Err andwidth B Trum Analyzer - Occ RF 50 02	2.69	4.244 2.957 M	кнz инz HZ_6	% of OI x dB	BW Powe	ər 9 -26 _{statı}	9.00 % .00 dB ¹⁵ CH13	M Oct 20, 2021	Freq Offs 0
Transm x dB Ba	hit Freq Err andwidth B trum Analyzer - Occ	2.69	4.244 2.957 M 6_3M	kHz IHZ HZ_64	% of OI x dB 4QAM	BW Powe	эг 9 -26 <u>star</u> 5_0_	9.00 % .00 dB /5 CH13	M Oct 20, 2021	Freq Offs 0
Transm x dB Ba	hit Freq Err andwidth B Trum Analyzer - Occ RF 50 02	2.69	4.244 2.957 M	kHz IHZ HZ_64	% of OI x dB 4QAM	BW Powe	эг 9 -26 <u>star</u> 5_0_	9.00 % .00 dB ¹⁵ CH13	M Oct 20, 2021 : None	Freq Offs 0
Transm x dB Ba	nit Freq Err andwidth B trum Analyzer - 000 RFS0 Ω eq 1.74500	2.65	4.244 2.957 M 6_3M	KHZ MHZ HZ_64	% of OI x dB 4QAM	BW Powe	эг 9 -26 <u>star</u> 5_0_	9.00 % .00 dB 	M Oct 20, 2021 : None	Freq Offs 0
Transm x dB Ba	hit Freq Err andwidth B tum Aulyer - Occ eq 1.74500 Ref Offset	2.65 For and6 Cupied BW DC DC DC DC DC DC DC DC DC DC DC DC DC	4.244 2.957 M 6_3M	KHZ MHZ HZ_64	% of OI x dB 4QAM	BW Powe	эг 9 -26 <u>star</u> 5_0_	9.00 % .00 dB 	M Oct 20, 2021 : None	Freq Offs 0
Transm x dB Ba	nit Freq Err andwidth B trum Analyzer - 000 RFS0 Ω eq 1.74500	2.65 For and6 Cupied BW DC DC DC DC DC DC DC DC DC DC DC DC DC	4.244 2.957 M 6_3M	KHZ MHZ HZ_64	% of OI x dB 4QAM	BW Powe	эг 9 -26 <u>star</u> 5_0_	9.00 % .00 dB 	M Oct 20, 2021 : None	Freq Offs 0



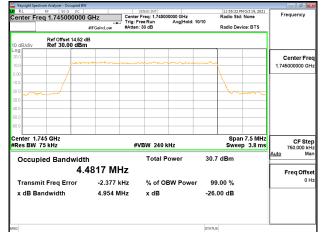
Band66 3MHz 64QAM RB15 0 CH132657

Kausiaht Seast	rum Analyzer - Occupied BW	(
RL	RF 50 Ω DC			NSE:INT				AM Oct 20, 2021	Frequency
Center Fre	eq 1.778500000		Center F Trig: Fre	req: 1.77850 e Run	Avg Hold:	10/10	Radio St	d: None	Frequency
		#IFGain:Low	#Atten: 3		,		Radio De	vice: BTS	
10 dB/div	Ref Offset 14.52 o Ref 30.00 dBn								
20.0									
10.0		m	mann						Center Fre 1.778500000 GH
0.00									1.77850000 GH
10.0							\backslash		
20.0							\sim		
310	~~~~						m	mm	
40.0									
50.0									
-60.0									
Center 1.7 Res BW 43			#VE	3W 130 I	(Hz			n 4.5 MHz 2.333 ms	CF Ste 450.000 kH
Occupi	ied Bandwidt	h		Total P	ower	29.0	dBm		<u>Auto</u> Ma
		 6874 M	Hz						Freq Offse
Transm	it Freq Error	2.756	kHz	% of O	BW Powe	r 99	.00 %		он
x dB Ba	ndwidth	2.956	MHz	x dB		-26.	00 dB		
ISG						STATUS			

Band66_5MHz_QPSK_RB25_0_CH131997



Band66_5MHz_QPSK_RB25_0_CH132322



Band66 5MHz QPSK RB25 0 CH132647

Keysight Spectrum Analyzer - Occupied BW					
RL RF 50 Ω DC		sense:INT r Freq: 1.777500000 GHz	Radio St	PM Oct 19, 2021 d: None	Frequency
	ing:	FreeRun Avg Hold: n:30 dB		evice: BTS	
	in ouncon				
Ref Offset 14.52 d 0 dB/div Ref 30.00 dBm					
og					
20.0		mm			Center Fr
10.0					1.777500000 G
1.00			1		
0.0			1		
0.0 mm ~~~~			5	m	
40.0					
50.0					
50.0					
50.0					
enter 1.778 GHz Res BW 75 kHz	م	VBW 240 kHz	Spa	an 7.5 MHz ep 3.8 ms	CF Ste
Res DW 73 KHZ	#	V DVV 240 KH2	Swe	ep 5.8 ms	750.000 k Auto M
Occupied Bandwidth	า	Total Power	30.6 dBm		
4.4	1825 MHz				Freq Offs
Transmit Freg Error	-4.103 kHz	% of OBW Powe	r 99.00 %		0
x dB Bandwidth	4.943 MHz	x dB	-26.00 dB		
X dB Bandwidth	4.943 MHZ	XaB	-26.00 dB		
ISG			STATUS		

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Report No.: ER/2021/A0027 Page: 181 of 422



Band66 5MHz 16QAM RB25 0 CH131997

RL	trum Analyzer - Occupied B RF 50 ฏ DC		SENSE				M Oct 19, 2021	Frequency
enter Fre	eq 1.712500000) GHz #FGain:Low	Trig: Free R #Atten: 30 d		d:>10/10	Radio Sto Radio De		
0 dB/div	Ref Offset 14.52 Ref 30.00 dBi	dB		_				
og :0.0								Center Fre
0.0			nome	and the second	man			1.712500000 GH
0.0						$\langle \rangle$		
0.0	man					har		
0.0								
0.0								
0.0								
enter 1.7 Res BW			#VBW	240 kHz			n 7.5 MHz ep 3.8 ms	CF St 750.000 k
Occup	ied Bandwid	th	т	otal Power	29.	.8 dBm		Auto M
	4.	4880 M	Hz					Freq Offs
Transm	it Freq Error	-3.129	kHz %	of OBW Pov	ver 9	9.00 %		0
x dB Ba	indwidth	4.988 M	/Hz x	dB	-26	i.00 dB		
G					STAT	us		
	Band	166 5M	Hz 160	AM RB	25 0	CH13	2322	
Keysight Spect	trum Analyzer - Occupied B	w	_					
	RF 50 Ω DC eq 1.745000000) GHz	Center Freq Trig: Free R	: 1.745000000 GHz	d: 10/10	Radio Sto	M Oct 19, 2021 I: None	Frequency
		#IEGain:Low	#Atten: 30 d		a. 10/10	-	vice: BTS	



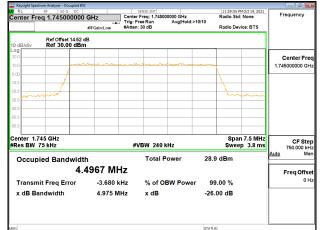
Band66 5MHz 16QAM RB25 0 CH132647

Keysight Spectr	rum Analyzer - Occupied BV RF 50 0 DC	v					
	RF 50 Ω DC		SENSE:INT Freq: 1.777500000 GHz		Radio Sto	PM Oct 19, 2021 1: None	Frequency
	•		Free Run Avg Hold: n: 30 dB	10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.52 Ref 30.00 dBr						
20.0							Center Free
10.0	- m	mmmmmm					1.777500000 GH
0.00	<u> </u>						
10.0					1		
0.0	mand				hum	www.	
40.0							
50.0							
60.0							
Center 1.7 Res BW 7		#	VBW 240 kHz			n 7.5 MHz ep 3.8 ms	CF Ste 750.000 kH
Occupi	ed Bandwidt	h	Total Power	29.7	dBm		<u>Auto</u> Ma
	4.	4826 MHz					Freq Offse
Transmi	it Freg Error	-4.554 kHz	% of OBW Powe	r 99.	.00 %		0H
x dB Ba	ndwidth	4.938 MHz	x dB	-26.0	0 dB		
sg				STATUS			

Band66 5MHz 64QAM RB25 0 CH131997

Keysight Spe	ctrum Analyzer - Occupied RF 50 Ω DC	BW					
	eq 1.71250000	0 GHz	SENSE:INT Center Freq: 1.7125		Radio	8:13 PM Oct 19, 2021 Std: None	Frequency
		#IFGain:Low	#Atten: 30 dB	Avg Hold:		Device: BTS	
10 dB/div	Ref Offset 14.5 Ref 30.00 dE						
20.0							Center Freq
10.0	- T	m		- mon	mon		1.712500000 GHz
-10.0					N N		
-20.0					\	was me	
-30.0	~~~~					an all and and	
-40.0							
-60.0							
Center 1.	713 CHz					Span 7.5 MHz	
#Res BW			#VBW 240	kHz	S	weep 3.8 ms	CF Step 750.000 kHz
Occur	oied Bandwig	ith	Total I	Power	29.0 dBn	n	Auto Man
	4	.4961 MI	Ηz				Freq Offset
Transn	nit Freg Error	-5.116	KHz % of C	BW Powe	r 99.00 %	6	0 Hz
	andwidth	4.957 N	IHz x dB		-26.00 di	в	
MSG					STATUS		L

Band66_5MHz_64QAM_RB25_0_CH132322



Band66 5MHz 64QAM RB25 0 CH132647

RL RF 50 Ω DC Center Freq 1.777500000 Γ <thγ< th=""> Γ <thγ< th=""><th>Trig:</th><th>sense:INT r Freq: 1.777500000 GHz Free Run Avg Hold:</th><th>: 10/10</th><th>adio Std: None</th><th>Frequency</th></thγ<></thγ<>	Trig:	sense:INT r Freq: 1.777500000 GHz Free Run Avg Hold:	: 10/10	adio Std: None	Frequency
	#IFGain:Low #Atter	n: 30 dB	R	adio Device: B1	TS
0 dB/div Ref Offset 14.52 c Ref 30.00 dBr					
og 20.0					Center Fr
0.0	man	mmmmm	m		1.777500000 G
.00					
0.0			1		
0.0 mana				June man	~
0.0					
0.0					
0.0					
0.0					
enter 1.778 GHz Res BW 75 kHz	#	VBW 240 kHz		Span 7.5 Sweep 3.8	8 ms 750.000 k
Occupied Bandwidt	h	Total Power	29.8 d	Bm	Auto M
	4968 MHz				Freq Offs
Transmit Freq Error	-5.929 kHz	% of OBW Powe	er 99.0	0 %	0
x dB Bandwidth	4.951 MHz	x dB	-26.00	dB	
g			STATUS		C

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Report No.: ER/2021/A0027 Page: 182 of 422



Band66 10MHz QPSK RB50 0 CH132022

	L RF 50 Ω DC IIII				NSE:INT reg: 1.71500	0000 GHz		11:45:18 P	M Oct 19, 2021	Frequency
filler Fi	req 1.7 1300		⊐∠ Gain:Low	#Atten: 3	e Run	Avg Hold	: 10/10	Radio Dev		
dB/div	Ref Offset Ref 30.0									
o.0										Center Fr
1.0			mm	man			· · · · · ·	4		1.715000000 GH
00	- /							1		
0.0	and							1 hours		
0.0 										
0.0										
0.0										
0.0										
	.715 GHz 150 kHz			#VE	510 k	Hz			n 15 MHz ep 1 ms	CF St 1,500000 M
								2 dBm		Auto M
Occu	pied Band				Total P	ower	31.4	авт		
		8.96	516 M	H7						
	nit Freq Err	or	2.008		% of O	BW Pow	er 99	9.00 %		
	nit Freq Err andwidth	or		kHz	% of OE x dB	BW Pow		9.00 % 00 dB		
		or	2.008	kHz		BW Pow				
		or	2.008	kHz		BW Pow				
x dB B		or	2.008	kHz		3W Pow		00 dB		
x dB B	andwidth		2.008 9.742 N	kHz /IHz	x dB		-26.	00 dB	2222	
x dB B	andwidth	and6	2.008 9.742 N	kHz	x dB		-26.	00 dB	2322	0
Keysight Spe RL	landwidth B setrum Analyzer - Occo ⊮ ∣ 50 Ω	and6	2.008 9.742 M 6_10N	кнz лнz MHz_(_RB5	-26.	00 dB s CH132	M Oct 19, 2021	0
Keysight Spe RL	andwidth B ectrum Analyzer - Occo	and6	2.008 9.742 M 6_10M	kHz AHz MHZ_(Center Fre	x dB QPSK	_RB5	-26. statu	00 dB s CH132 Radio Std	M Oct 19, 2021 : None	0
Keysight Spe RL	landwidth B setrum Analyzer - Occo ⊮ ∣ 50 Ω	and6	2.008 9.742 M 6_10M	kHz MHz MHZ_(x dB QPSK		-26. statu	00 dB s CH132	M Oct 19, 2021 : None	0
x dB B	landwidth B setrum Analyzer - Occo ⊮ ∣ 50 Ω	and6 pc pc pc pc pc pc pc pc pc pc	2.008 9.742 M 6_10M	kHz AHz MHZ_(Center Fre	x dB QPSK		-26. statu	00 dB s CH132 Radio Std	M Oct 19, 2021 : None	0
Keysight Spe RL	andwidth B schum Analyzer - Occ ⊮ 50 Ω req 1.74500 Ref Offset	and6 pc pc pc pc pc pc pc pc pc pc	2.008 9.742 M 6_10M	kHz AHz MHZ_(Center Fre	x dB QPSK		-26. statu	00 dB s CH132 Radio Std	M Oct 19, 2021 : None	Frequency
x dB B	andwidth B schum Analyzer - Occ ⊮ 50 Ω req 1.74500 Ref Offset	and6 pc pc pc pc pc pc pc pc pc pc	2.008 9.742 M 6_10M	kHz AHz MHZ_(Center Fre	x dB QPSK		-26. statu	00 dB s CH132 Radio Std	M Oct 19, 2021 : None	Frequency Center Fr
Keysight Spe RL enter Fi dB/div	andwidth B schum Analyzer - Occ ⊮ 50 Ω req 1.74500 Ref Offset	and6 pc pc pc pc pc pc pc pc pc pc	2.008 9.742 M 6_10M	kHz AHz MHZ_(Center Fre	x dB QPSK		-26. statu	00 dB s CH132 Radio Std	M Oct 19, 2021 : None	Frequency

Span 15 MH Center 1.745 GHz CF Stej 1.500000 MH #VBM 510 kHz Total Power 32.1 dBm Occupied Bandwidth 8.9743 MHz Freq Offs Transmit Freq Error -958 Hz % of OBW Power 99.00 % 01 x dB Bandwidth 9.768 MHz x dB -26.00 dB

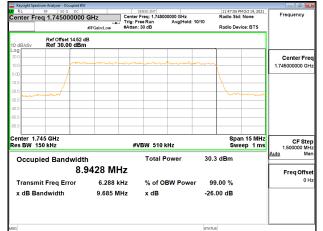
Band66 10MHz QPSK RB50 0 CH132622

	trum Analyzer - Occupied BW						@ <u></u>
enter Fre	RF 50 Ω DC eq 1.775000000	GHz Cente	r Freq: 1.775000000 GHz		Radio Sto	M Oct 19, 2021	Frequency
	•	Trig:	FreeRun Avg Hold: n:30 dB	: 10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.52 d Ref 30.00 dBm	в					
og							0
0.0		man	mannen				Center Fre 1.775000000 GH
	1				1		1.773000000 311
	1				1		
10	1				X		
1.0	amo				m	m	
10							
10							
enter 1.7 es BW 14		#	VBW 510 kHz		Spa Sw	eep 1 ms	CF Ste 1.500000 MH
Occup	ied Bandwidth	,	Total Power	30.8	dBm		<u>Auto</u> Ma
occup		620 MHz					
	0.3						Freq Offs
Transm	it Freq Error	6.216 kHz	% of OBW Powe	ər 99	.00 %		01
x dB Ba	ndwidth	9.739 MHz	x dB	-26.	00 dB		
3				STATUS			C

Band66 10MHz 16QAM RB50 0 CH132022

RL	trum Analyzer - Occupied RF 50 Ω DC			ENSE:INT Freg: 1.71500	0000 CHa		11:46:40 Radio Sto	PM Oct 19, 2021	Frequency
enter Fr	eq 1.7150000	JU GHZ #IFGain:Low	Trig: Fr #Atten:	ee Run	Avg Hold:	>10/10	Radio De		
			#Atten.	30 UB			Raulo De	vice. B13	
0 dB/div	Ref Offset 14.5 Ref 30.00 di								
20									Center Fre
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		m	m				1.715000000 G
							1		
.0							$\backslash$		
.0	- marine						have	and a start of the	
.0									
.0									
.0									
.0									
enter 1.7	15 GHz						Spa	an 15 MHz	
esBW 1	50 kHz		#V	BW 510 P	Hz			eep 1 ms	CF Ste 1.500000 M
Occup	ied Bandwi	dth		Total P	ower	30.4	1 dBm		Auto M
occup		3.9440 M	Hz						Freq Offs
Transm	it Freq Error	3.919	kHz	% of O	BW Powe	er 99	9.00 %		0
	ndwidth	9,731	MHz	x dB		-26	00 dB		
		0.101				-20.			

Band66_10MHz_16QAM_RB50_0_CH132322



#### Band66 10MHz 16QAM RB50 0 CH132622

	0000 GHz	Center Freq: 1.77500 Trig: Free Run	00000 GHz AvgiHold:>10/1	Radio Std	None	Frequency
	#IFGain:Low	#Atten: 30 dB	Avginoid:>10/1	Radio Dev	ice: BTS	
Ref Offset 1 dB/div Ref 30.00						
og 0.0						Center Fre
0.0	en and a second	unum har	mm	~		1.775000000 GI
.00						
0.0						
0.0				how	man	
0.0						
0.0						
0.0						
enter 1.775 GHz es BW 150 kHz		#VBW 5101	kHz		n 15 MHz ep 1 ms	CF Sto 1.500000 M
Occupied Bandy	width	Total P	ower	30.2 dBm		<u>Auto</u> M
Occupied Ballon	8.9414 MH					Freq Offs
Transmit Freg Erro			BW Power	99.00 %		
x dB Bandwidth	9.688 M			-26.00 dB		
X dB Bandwidth	9.000 M			-20.00 dB		

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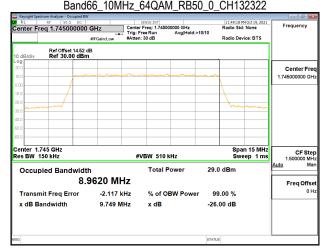
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## Report No.: ER/2021/A0027 Page: 183 of 422



#### Band66 10MHz 64QAM RB50 0 CH132022

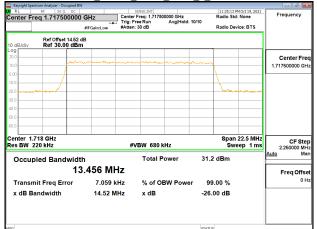
enter Fre	rf 50 Ω DC q 1.715000000	Tri	SENSE:INT nter Freq: 1.71500000 g: Free Run A tten: 30 dB	) GHz vg Hold: 10/10	Radio Std: I Radio Devic	None	Frequency
0 dB/div	Ref Offset 14.52 Ref 30.00 dBr						
20.0					~		Center Fre 1.715000000 GH
0.0					lanne	m	
0.0							
50.0							
enter 1.71 es BW 15			#VBW 510 kHz			15 MHz ep 1 ms	CF Ste 1.500000 MI
Occupi	ed Bandwidt o	th 9485 MHz	Total Pow	er 29	.3 dBm		Auto M
Transmi x dB Bar	it Freq Error	-6.334 kHz 9.792 MHz	% of OBW x dB		99.00 % 6.00 dB		Freq Offs 01
G				STA	TUS		



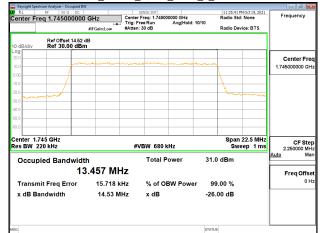
### Band66 10MHz 64QAM RB50 0 CH132622

RL RF	50 Ω DC	Um		NSE:INT reg: 1.77500	0000 GHz		11:50:11 Radio St	PM Oct 19, 2021	Frequency
enter Freq		FGain:Low	Trig: Fre #Atten: 3	e Run	Avg Hold:	10/10		vice: BTS	
	Ŧ	-Gain:Low	#Atten: 5	o ub			Radio De	vice. D 1 3	
0 dB/div	ef Offset 14.52 dB tef 30.00 dBm								
og 20.0									Center Free
0.0	- han	mm	Armon		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				1.775000000 GH
.00									
0.0							$\mathbf{X}$		
0.0	•~~						h	man	
0.0									
0.0									
0.0									
enter 1.775	GH7						Spa	an 15 MHz	
es BW 150 k			#VE	BW 510 k	Hz			eep 1 ms	CF Ste 1.500000 MH
Occupied	Bandwidth			Total P	ower	29.0	dBm		Auto Ma
	8.9	543 M⊦	Iz						Freq Offse
Transmit F	req Error	-4.734 k	Hz	% of OE	W Powe	r 99	.00 %		. он
x dB Band	width	9.712 M	Hz	x dB		-26.	00 dB		
						STATUS			

#### Band66 15MHz QPSK RB75 0 CH132047



#### Band66_15MHz_QPSK_RB75_0_CH132322



#### Band66 15MHz QPSK RB75 0 CH132597

	RF 50 Ω DC 1.772500000 C		SENSE:INT Freq: 1.7725000		40140	Radio Sto	M Oct 19, 2021 i: None	Frequency
			Free Run n: 30 dB	Avg Hold:>	10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.52 dB Ref 30.00 dBm							
.og 20.0								Center Fr
10.0	mm	and the second s			hann			1.772500000 G
1.00	<u> </u>					\		
0.0	- 1					ι (		
0.0	- and					hun	man	
0.0								
0.0								
50.0								
50.0								
Center 1.77 Res BW 220		#	≠VBW 680 kH	z			22.5 MHz eep 1 ms	CF St 2.250000 M
Occupie	ed Bandwidth		Total Po	wer	31.0	dBm		Auto M
		435 MHz						Freq Offs
Transmit	Freq Error	8.758 kHz	% of OBV	V Powe	r 99	.00 %		0
x dB Ban	dwidth	14.43 MHz	x dB		-26.	00 dB		
10					STATUS			-

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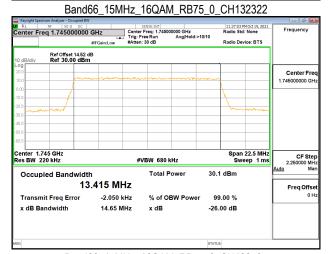
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## Report No.: ER/2021/A0027 Page: 184 of 422



#### Band66 15MHz 16QAM RB75 0 CH132047

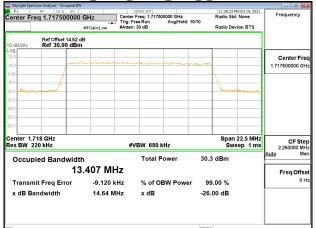
RF 50 Ω DC		SENSE:INT				
eq 1.717500000	GHz Cente	r Freq: 1.717500000 GHz	4. 40/40	Radio Std: N	one	Frequency
			a. 10/10	Radio Device	BTS	
						Center Fre
mm	and the second s	source and the second s				1.717500000 GI
				N I		
1						
ward				heresen	~~~	
719 CU-7				Enon 22	6 MH-	
220 kHz	#	VBW 680 kHz				CF Ste 2.250000 MI
pied Bandwidt	h	Total Power	30.3	2 dBm		Auto M
					1	Freq Offs
nit Freq Error	-9.993 kHz	% of OBW Pow	ver 99	9.00 %		0
andwidth	14.64 MHz	x dB	-26	.00 dB	[	
			STATU			
	re 390 pc eq 1.717500000 Ref 0.00 dBm Ref 30.00 dBm 718 GHz 20 kHz 13 GHz 14 Strate 20 kHz 13 hit Freq Error	eq 1.717500000 GHz Concerning #Galaxies Terms for the first sector of the first sector	W     B 90     DC     L     Issuescent       Eq.1.717500000 GHz     Enter Freq: 1150000 GHz     Trig: Freq Num     Avg/Hol       #FGalxLow     #FGalxLow     #Erest 4.52 dB     Avg/Hol       Ref 016set 4.52 dB     #Erest 4.52 dB     #Erest 4.52 dB       Ref 30.00 dBm     Image: Status 5.52 dB     #Erest 4.52 dB       718 GHz     #VBW 680 kHz     Total Power       13.430 MHz     that Power     Total Power       hit Freq Error     -9.993 kHz     % of OBW Pow	W     990     900     Center Free: 1715000000     Center Free: 171500000     Center Free: 1715000000     Center Free: 1715000000	W 910 00 H 113493900   eg (1.717500000 GHz Enter Freq: 117050000 GHz Radio Stati   #FGaint.ov Trg: Freq Run Aughteid: 1010   Ref 30.00 dBm Aughteid: 1010 Radio Stati   Pristre Run YUBW 680 KHz Span 22   Y18 GHz #VBW 680 KHz Span 22   Y18 GHz ZWBW 680 KHz Sweet   Nite Freq Error -0.993 KHz % of OBW Power 99.00 %   nandwidth 14.64 MHz x dB -26.00 dB	W     B 90     DC     L     Septembri     H 1393 PMC019.201.       Eq. 1.717500000 GHz     Trig: Free Kun     Argihtod: 1010     Radio Skil: Nore     Radio Skil: Nore       #FGanLow     Frig: Free Kun     Argihtod: 1010     Radio Skil: Nore     Radio Skil: Nore       Ref 30.00 dBm     #VEW 0.00     B     Integration     Radio Skil: Nore       7/18 GHz     #VEW 680 kHz     Span 22.5 MHz     Sveep 1 ms       7/18 GHz     30.430 MHz     Total Power     30.2 dBm       13.430 MHz     Note     99.00 %     and WHz       hit Freq Error     -9.993 kHz     % of OBW Power     99.00 %       andwidth     14.64 MHz     x dB     -26.00 dB



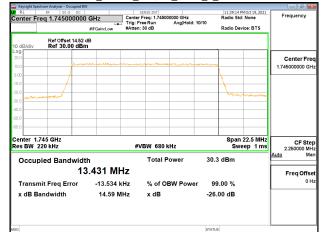
### Band66 15MHz 16QAM RB75 0 CH132597

RL	rum Analyzer - Occupied BV RF 50 Ω DC		SENSE:INT				M Oct 19, 2021	Frequency
enter Fre	q 1.772500000	GHz Cent	Free Run	00 GHz Avg Hold: 10/	10	Radio Sto	I: None	Frequency
			n: 30 dB			Radio De	vice: BTS	
0 dB/div	Ref Offset 14.52 Ref 30.00 dBn							
2 <b>9</b>								Center Fre
	m	ward and the second of the			mary			1.772500000 GI
						<u> </u>		
.0	1					1		
.0	mont					hum	man	
.0								
.0								
.0								
enter 1.7 es BW 22		i	≠VBW 680 kH;	z			22.5 MHz eep 1 ms	CF Ste 2.250000 MI
Occupi	ied Bandwidt	h	Total Pov	wer	30.1	dBm		Auto M
								FreqOffs
Transm	it Freq Error	-7.631 kHz	% of OBV	V Power	99	.00 %		01
x dB Ba	ndwidth	14.65 MHz	x dB		-26.	00 dB		
;					STATUS			

#### Band66_15MHz_64QAM_RB75_0_CH132047



#### Band66_15MHz_64QAM_RB75_0_CH132322



#### Band66 15MHz 64QAM RB75 0 CH132597

RL RF 50 Ω DC Center Freq 1.772500000	Trig:	sense:INT r Freq: 1.772500000 GHz Free Run Avg Hold n: 30 dB	: 10/10	Radio Dev		Frequency
Ref Offset 14.52 d 10 dB/div Ref 30.00 dBm						
20.0 10.0	-					Center Fre 1.772500000 GH
10.0						
20.0 30.0				henn	- manage	
40.0						
60.0						
Center 1.773 GHz Res BW 220 kHz	#	VBW 680 kHz		Span Swe	22.5 MHz ep 1 ms	CF Ste 2.250000 MH
Occupied Bandwidt	י .416 MHz	Total Power	29.2	dBm		Auto Ma
Transmit Freq Error	-3.860 kHz	% of OBW Pow	er 99	.00 %		Freq Offs
x dB Bandwidth	14.57 MHz	x dB	-26.	00 dB		
10			STATUS			

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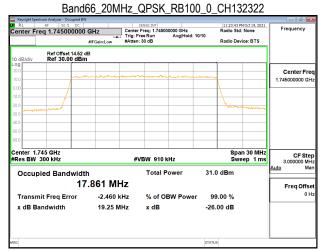
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## Report No.: ER/2021/A0027 Page: 185 of 422



#### Band66 20MHz QPSK RB100 0 CH132072

RL RL	RF 50 Q DC	v	SE	NSE:INT			11:23:16 P	M Oct 19, 2021	
enter Fre	q 1.72000000		Center F	req: 1.72000	0000 GHz AvalHold	40/40	Radio Std:		Frequency
		#IFGain:Low	#Atten: 3		Avginoid	. 10/10	Radio Dev	ice: BTS	
dB/div	Ref Offset 14.52 Ref 30.00 dBr								
1.0									Center Fre
1.0	- prim								1.720000000 GH
00							1		
1.0	mond						moren	mann	
enter 1.7 Res BW 3			#VI	3W 910 k	Hz			n 30 MHz ep 1 ms	CF Ste 3.000000 MH
Occupi	ied Bandwidt	h		Total P	ower	32.2	2 dBm		<u>Auto</u> Ma
	17	7.87 <mark>9 M</mark> I	Ηz						Freq Offs
Transm	it Freq Error	-11.009	kHz	% of O	BW Powe	ər 99	9.00 %		01
	ndwidth	19.40 N	1Hz	x dB		-26	00 dB		
1						STATU	s		



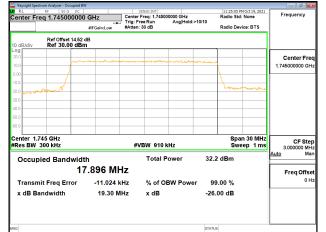
### Band66 20MHz QPSK RB100 0 CH132572

	trum Analyzer - Occupied BW							- 6 <mark>-</mark>
RL Center Fre	RF 50 Ω DC eq 1.770000000		SENSE:INT nter Freq: 1.77000			11:24:11 P Radio Std	MOct 19, 2021 : None	Frequency
	•		g: Free Run tten: 30 dB	Avg Hold:		Radio Dev	ice: BTS	
10 dB/div	Ref Offset 14.52 c Ref 30.00 dBm							
20.0								Center Fred
10.0		·	- ner marker					1.770000000 GH
0.00						1		
0.0	- /-					1		
20.0	and the					mare	mon	
0.0								
0.0								
50.0								
enter 1.7 Res BW			#VBW 910			n 30 MHz ep 1 ms	CF Ste 3.000000 MH	
Occup	ied Bandwidt	h	Total P	ower	30.9	dBm		<u>Auto</u> Ma
occup								Freg Offse
Transm	nit Freq Error	-2.866 kHz	% of O	BW Powe	or 99.	00 %		. он
x dB Ba	andwidth	19.28 MHz	x dB		-26.0	0 dB		
iG					STATUS			

#### Band66 20MHz 16QAM RB100 0 CH132072

enter Fr	RF 50 Ω DC req 1.720000000		SENSE:INT enter Freq: 1.7200 rig: Free Run	00000 GHz AvglHold: 1	0/10	11:24:38 PM Radio Std:	Oct 19, 2021 None	Frequency
			Atten: 30 dB	, in Bir ional i		Radio Devi	ce: BTS	
) dB/div	Ref Offset 14.52 Ref 30.00 dBr							
0.0								Center Fre
1.0			and a second second second second	manner	manna			1.720000000 GH
00								
.0						$\mathbf{X}$		
.0	manuell					www.	hownow	
1.0								
.0								
10								
enter 1. Res BW	72 GHz 300 kHz		#VBW 910	kHz			a 30 MHz ep 1 ms	CF Ste 3.000000 MH
Occur	bied Bandwidt	h	Total F	ower	30.1	dBm		<u>Auto</u> Ma
		7.903 MHz	:					Freq Offs
Transn	nit Freq Error	-15.812 kHz	s % of O	BW Power	99	.00 %		01
x dB B	andwidth	19.35 MHz	x dB		-26.	00 dB		

#### Band66_20MHz_16QAM_RB100_0_CH132322



#### Band66 20MHz 16QAM RB100 0 CH132572

	trum Analyzer - Occupied BW					
Center Fr	RF 50 Ω DC eq 1.770000000	Trig:	SENSE:INT r Freq: 1.770000000 GHz Free Run Avg Hold h: 30 dB	Ra : 10/10	dio Std: None	Frequency
0 dB/div	Ref Offset 14.52 d Ref 30.00 dBm	B		R3	dio Device. B 13	1
.0g 20.0 10.0	anna	roomenantaria		-		Center Fre
0.0	man					-
80.0					monder and the	<u>a</u>
0.0						_
enter 1.7 Res BW		#	VBW 910 kHz		Span 30 MH Sweep 1 m	
Occup	ied Bandwidtl		Total Power	31.6 di	Bm	Auto Ma
		.884 MHz				Freq Offs
	nit Freq Error	-3.215 kHz	% of OBW Pow	er 99.00	%	01
x dB Ba	andwidth	19.36 MHz	x dB	-26.00	dB	
sg				STATUS		

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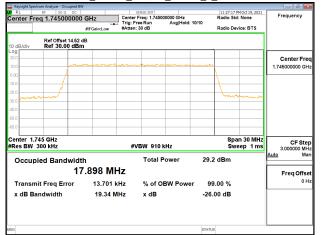
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## Report No.: ER/2021/A0027 Page: 186 of 422



#### Band66 20MHz 64QAM RB100 0 CH132072

RL	trum Analyzer - Oco RF 50 Ω	DC			NSE:INT				PM Oct 19, 2021	Frequency
Center Fr	eq 1.72000	0000 GI	-lz		req: 1.72000 e Run	0000 GHz Avg Hold	: 10/10	Radio St	d: None	Frequency
		#IF	Gain:Low	#Atten: 3				Radio De	wice: BTS	
10 dB/div	Ref Offset Ref 30.0									
20.0										Center Fre
10.0		man	mm		n more	mana				1.720000000 GH
.00	- /							ξ		
0.0	- /							1		
0.0	amannard							- Aller	man	
0.0										
0.0										
0.0										
enter 1.7 Res BW				#VI	3W 910 k	Hz			an 30 MHz reep 1 ms	CF Ste 3.000000 MH
Occup	ied Band	width			Total P	ower	29.3	dBm		Auto M
		17.9	14 MH	łz						Freq Offs
Transm	nit Freq Err	or	-8.203 k	Hz	% of O	BW Pow	er 99	.00 %		01
x dB Ba	andwidth		19.39 M	Hz	x dB		-26.	00 dB		
G							STATU			
0										
	Ba	nd66	20MF	Iz 64	1QAM	RB1	00 0	CH1	32322	



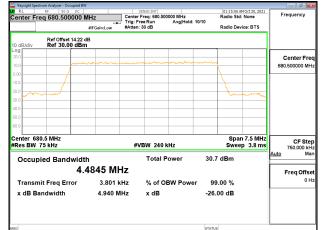
#### Band66 20MHz 64QAM RB100 0 CH132572

	m Analyzer - Occupied BV	(							
	RF 50 Ω DC 1.770000000	GHz	Center Fr	NSE:INT req: 1.77000			Radio Std	M Oct 19, 2021 : None	Frequency
		#IFGain:Low	Trig: Fre #Atten: 3		Avg Hold	:>10/10	Radio Dev	vice: BTS	
10 dB/div	Ref Offset 14.52 ( Ref 30.00 dBn								
.og 20.0									Center Fre
10.0	- m	man and		manne	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man			1.770000000 GH
0.00	1						ł.		
0.0	- 1						1		
0.0	mond						han	man	
0.0									
0.0									
0.0									
enter 1.77 Res BW 30			#VE	3W 910 k	Hz			n 30 MHz eep 1 ms	CF Ste 3.000000 MH
Occupie	ed Bandwidt	h		Total P	ower	29.1	dBm		<u>Auto</u> Ma
-	17	.904 MH	z						Freq Offse
Transmit	Freq Error	3.206 k	Hz	% of O	SW Powe	ər 99	.00 %		01
x dB Ban	dwidth	19.31 M	Hz	x dB		-26.	00 dB		
G						STATUS	3		

#### Band71 5MHz QPSK RB25 0 CH133147

RL Center Fre	RF 50 Ω DC	ЛНz	Center Fr	NSE:INT req: 665.500			01:14:39 Radio St	AM Oct 20, 2021 d: None	Frequency
		#IFGain:Low	Trig: Fre #Atten: 3		Avg Hold	: 10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.22 c Ref 30.00 dBm	IB I							
.og 20.0									Center Fre
0.0		man			man	- Andrew			665.500000 MH
.00							1		-
0.0									
1.0							1	- march	
0.0									
0.0									
0.0									
enter 663 Res BW 7			#VE	3W 240 k	Hz			n 7.5 MHz ep 3.8 ms	CF Ste 750.000 kH
Occup	ied Bandwidt	h		Total P	ower	30.6	6 dBm		Auto Ma
	4.4	4826 M⊦	lz						Freq Offse
Transm	it Freq Error	10.102 k	Hz	% of O	SW Pow	er 99	.00 %		01
x dB Ba	Indwidth	4.918 M	Hz	x dB		-26.	00 dB		
						CTATI IS			

Band71_5MHz_QPSK_RB25_0_CH133297



#### Band71 5MHz QPSK RB25 0 CH133447

Keysight Spectrum Analyzer - Occupied Bil	1				
RL RF 50 Q DC		SENSE:INT r Freq: 695.500000 MHz Free Run Avg Hold:	Radio St	AM Oct 20, 2021 d: None	Frequency
		n: 30 dB		vice: BTS	
0 dB/div Ref 30.00 dBr					
og 0.0					Center Fre
10.0		······································	man		695.500000 MI
.00			<u>\</u>		
0.0					
0.0 annound					
0.0				a berner	
0.0					
50.0					
enter 695.5 MHz Res BW 75 kHz	#	VBW 240 kHz		un 7.5 MHz ep 3.8 ms	CF Ste 750.000 k
Occupied Bandwidt	h	Total Power	30.6 dBm		Auto M
	4827 MHz				Freq Offs
Transmit Freq Error	-5.262 kHz	% of OBW Powe	er 99.00 %		0
x dB Bandwidth	4.942 MHz	x dB	-26.00 dB		
a			STATUS		

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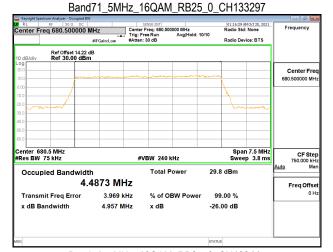
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## Report No.: ER/2021/A0027 Page: 187 of 422



#### Band71_5MHz_16QAM_RB25_0_CH133147

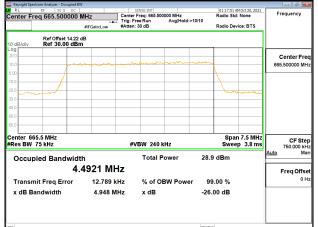
RL	RF 50 Ω DC		SENSE:INT			AM Oct 20, 2021	Frequency
enter Fr	eq 665.500000 l		r Freq: 665.500000 MHz Free Run AvgiHo	ld: 10/10	Radio St	d: None	Frequency
			n: 30 dB	10.10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.22 ( Ref 30.00 dBn						
<b>og</b>							Center Fre
0.0		mannon	man man	wanne -	5		665,500000 M
					Ν		
1.0	/				X		
					1	wardine a	
~~~~	~~~~					Constant of	
0.0							
enter 66 Res BW		#	VBW 240 kHz		Spa Swee	n 7.5 MHz ep 3.8 ms	CF Ste 750.000 ki
Occup	ied Bandwidt	h	Total Power	29.	7 dBm		<u>Auto</u> Ma
		 4847 MHz					Freq Offs
Transm	nit Freq Error	10.229 kHz	% of OBW Pov	ver 9	9.00 %		0
x dB Ba	andwidth	4.951 MHz	x dB	-26	.00 dB		
3				STAT	10		



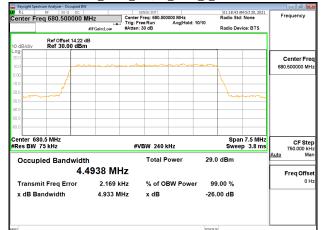
Band71 5MHz 16QAM RB25 0 CH133447

R	95.500000 M ef Offset 14.22 di tef 30.00 dBm	#IFGain:Low	Trig: Fre			~ 40/40	Radio Sto	I: None	Frequency
0 dB/div R	ef Offset 14.22 di	#IFGain:Low		Trig: Free Run Avg Hold:>10/10					1
0 dB/div R			Sain:Low #Atten: 30 dB					vice: BTS	
0.0		3							
									Center Fre
	- mon	mann	nom	~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			695.500000 MH
	/						<u> </u>		
0.0	_/						\mathbf{X}		
0.0	- /								
0.0	and						have	mount	
0.0									
0.0									
0.0									
enter 695.5 l Res BW 75 k			#VE	3W 240 k	Hz			n 7.5 MHz ep 3.8 ms	CF Ste 750.000 kH
Occupied	Bandwidth			Total P	ower	29.7	dBm		<u>Auto</u> Ma
		846 MH	łz						Freq Offs
Transmit F	req Error	-4.148 k	Hz	% of OE	BW Powe	er 99	.00 %		01
x dB Bandy	width	4.957 M	Hz	x dB		-26.	00 dB		
a						STATUS			

Band71_5MHz_64QAM_RB25_0_CH133147



Band71_5MHz_64QAM_RB25_0_CH133297



Band71 5MHz 64QAM RB25 0 CH133447

Keysight Spectrum Analyzer - Occupied BW					
RL RF 50 Ω DC Center Freq 695.500000 N	IHz Cent	SENSE:INT er Freg: 695.500000 MHz		19:35 AM Oct 20, 2021 lio Std: None	Frequency
	Trig	:FreeRun Avg Holo an:30 dB		lio Device: BTS	
Ref Offset 14.22 dl					
.og					0
10.0	mon	manna	m		Center Fre 695,500000 Mi
100					030.00000 m
10.0			l l		
20.0					
30.0 ~~~~~~~ 0.0					
40.0					
50.0					
50.0					
Center 695.5 MHz Res BW 75 kHz		#VBW 240 kHz		Span 7.5 MHz Sweep 3.8 ms	CF Ste 750.000 k
Occupied Bandwidth		Total Power	28.9 dB	m	Auto M
	961 MHz				Freq Offs
Transmit Freq Error	-8.946 kHz	% of OBW Pow	er 99.00	%	0
x dB Bandwidth	4.945 MHz	x dB	-26.00 c	IB	
sg			STATUS		

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n Ltd.

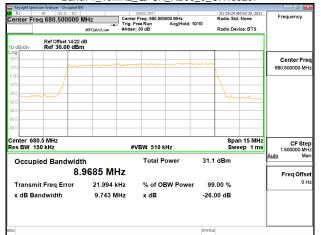
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Report No.: ER/2021/A0027 Page: 188 of 422

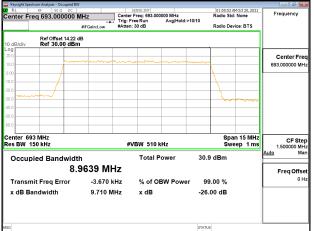


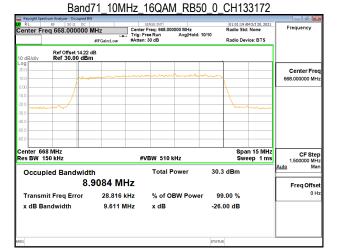
Band71_10MHz_QPSK_RB50_0_CH133172

Center Fr	RF 50 Ω DC eq 668.000000	MHz #IFGain:Low			000 MHz Avg Hold	: 10/10	Radio St	AM Oct 20, 2021 d: None vice: BTS	Frequency
0 dB/div	Ref Offset 14.22 Ref 30.00 dBr								
.og 20.0 10.0					~~~~	·			Center Fre 668.000000 MH
0.00							Y.		
30.0	manu						\		
50.0									
Center 66 Res BW 1			#VE	3W 510 k	Hz			an 15 MHz eep 1 ms	CF Ste 1.500000 MH
Occup	bied Bandwidt 8.	th 9439 MH	z	Total P	ower	31.1	dBm		Auto Ma
	nit Freq Error andwidth	19.245 ki 9.689 Mi		z % of OBW Power 9			0.00 % 00 dB		0+
sg						STATU	8		

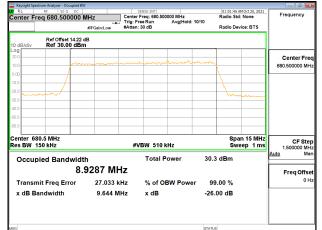


Band71 10MHz QPSK RB50 0 CH133422





_10MHz_16QAM_RB50_0_CH133297 Band71



Band71 10MHz 16QAM RB50 0 CH133422

RL RF 50 Ω DC Center Freq 693.000000	Trig:	sense:int r Freq: 693.000000 MHz Free Run Avg Holo n: 30 dB	i:>10/10	Radio Std: Radio Dev		Frequency
Ref Offset 14.22 0 dB/div Ref 30.00 dB						
.og 20.0						Center Fre
10.0		a manage and a second	-			693.000000 MH
0.00				1		
20.0						
200						
0.0					การการเป็น	
0.0						
50.0						
Center 693 MHz Res BW 150 kHz	#	VBW 510 kHz			n 15 MHz ep 1 ms	CF Ste
Occupied Bandwid	th	Total Power	30.2	dBm		<u>Auto</u> Ma
	.9400 MHz					Freq Offs
Transmit Freq Error	-1.389 kHz	% of OBW Pow	er 99	.00 %		01
x dB Bandwidth	9.659 MHz	x dB	-26.	00 dB		

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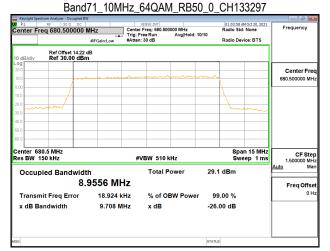
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Report No.: ER/2021/A0027 Page: 189 of 422



Band71_10MHz_64QAM_RB50_0_CH133172

Keysight Spect	rum Analyzer - Occupied BW RF 50 Ω DC	r		NSE:INT			01-02-05	AM Oct 20, 2021	- 6 -
	eq 668.000000 I		Center Fi	eq: 668.000			Radio St		Frequency
		#IFGain:Low	#Atten: 3		Avg Hold:>	>10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.22 o Ref 30.00 dBn								
20.0									Center Fred
10.0			~~~~~	-	mm				668.000000 MHz
0.00							1		
10.0	- / -						\mathbf{X}		
20.0	mont						han	m	
30.0									
40.0									
50.0									
60.0									
Center 661 Res BW 1			#VE	3W 510 k	Hz			an 15 MHz eep 1 ms	CF Step 1.500000 MH
Occup	ied Bandwidt	h		Total P	ower	29.1	l dBm		<u>Auto</u> Mar
	8.	9174 MI	Ηz						Freq Offse
Transm	it Freg Error	23.606	KHz	% of O	BW Powe	r 99	9.00 %		он:
x dB Ba	ndwidth	9.711 N	IHz	x dB		-26.	00 dB		
sg						STATU	s		



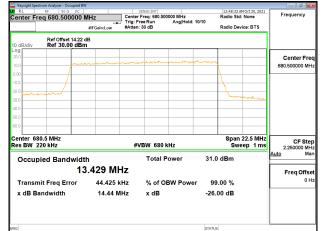
Band71 10MHz 64QAM RB50 0 CH133422

	um Analyzer - Occupied Bl	N						
enter Fre	RF 50 Ω DC q 693.000000		SENSE:INT Center Freq: 693.00 Trig: Free Run	0000 MHz AvgiHold: 1		01:04:50 Radio Sto	M Oct 20, 2021 1: None	Frequency
			#Atten: 30 dB			Radio De	vice: BTS	
0 dB/div	Ref Offset 14.22 Ref 30.00 dBr							
og 0.0								Center Fre
1.0		mm	m	manan	m			693.000000 MH
00	- <u> </u>							
.0						$\left(-\right)$		
.0 mm	www					haver	m	
.0								
.0								
.0								
enter 693 es BW 15			#VBW 510	kHz			an 15 MHz eep 1 ms	CF Ste 1.500000 MH
Occupi	ed Bandwidt	th	Total F	ower	31.0 0	dBm		<u>Auto</u> Ma
	8.	9621 MH	z					Freq Offs
Transmi	t Freq Error	-13.085 kH	z % of O	BW Power	99.0	00 %		01
x dB Bai	ndwidth	9.715 MH	z xdB		-26.00	0 dB		
1					STATUS			e

Band71_15MHz_QPSK_RB75_0_CH133197

Keysight Spec	ctrum Analyzer - Occupied BW								
	RF 50 Ω DC	IHz	Center Fr	NSE:INT req: 670.500			12:48:05 Radio St	AM Oct 20, 2021 d: None	Frequency
		#IFGain:Low	Trig: Fre #Atten: 3		Avg Hold:	10/10	Radio De	vice: BTS	
10 dB/div	Ref Offset 14.22 c Ref 30.00 dBm								
. og 20.0									Center Fre
0.0	mm	manner		men	many	han		_	670.500000 MH
.00							1		
0.0	- /-						1		
0.0	mand						how	man	
0.0		_							
0.0									
0.0									
0.0									
enter 67 es BW 2			#VE	BW 680 H	(Hz			eep 1 ms	CF Ste 2.250000 MI
Occup	ied Bandwidt	h		Total P	ower	31.2	2 dBm		Auto M
	13	.384 MH	z						Freq Offs
Transm	nit Freq Error	55.986 ki	Ηz	% of O	BW Powe	er 99	9.00 %		01
x dB Ba	andwidth	14.42 MI	Ηz	x dB		-26.	00 dB		
						STATU	0		t

Band71 _15MHz_QPSK_RB75_0_CH133297



Band71 15MHz QPSK RB75 0 CH133397

Keysight Spectrum Analyzer - Occupied BW				
RL RF 50 Ω DC Center Freq 690.500000 M	Hz Cente	SENSE:INT Freq: 690.500000 MHz	12:49:00 AM C Radio Std: N	
	Trig:	FreeRun Avg Hold: n:30 dB	10/10 Radio Device	BTS
	in dameon			
Ref Offset 14.22 c 0 dB/div Ref 30.00 dBr				
.og				
20.0	manne	mannam		Center Fr
10.0				690.500000 M
0.00			N I	
200				
20.0			\.	
40.0			~	Conservation (Conservation)
50.0				
60.0				
00.0				
Center 690.5 MHz Res BW 220 kHz		VBW 680 kHz	Span 22	L CF SU
Ces BW 220 KHZ	ĥ	FV DVV 080 KHZ	Swee	2.250000 M Auto M
Occupied Bandwidt	h	Total Power	31.0 dBm	Adio M
13	.425 MHz			FreqOffs
Transmit Freg Error	-3.248 kHz	% of OBW Powe	r 99.00 %	0
x dB Bandwidth	14.52 MHz	x dB	-26.00 dB	
SG			STATUS	

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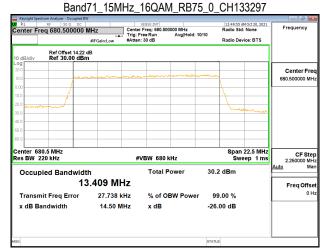
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Report No.: ER/2021/A0027 Page: 190 of 422



Band71_15MHz_16QAM_RB75_0_CH133197

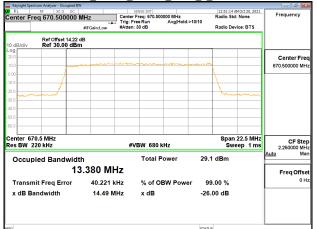
Keysight Spectrum Ar R L RF	50 Ω	DC	1		NSE:INT				AM Oct 20, 2021	Frequency
Center Freq 6	70.5000	00 MHz			req: 670.500 Bun	000 MHz Avg Hold:	10/10	Radio St	td: None	Frequency
		#IFG	ain:Low	#Atten: 3		, in ginneral		Radio D	evice: BTS	
10 dB/div R	ef Offset 1 ef 30.00									
20.0										Center Freq
10.0	/	ann	mound	man	~~~~~	······································		1		670.500000 MHz
0.00								N.		
-10.0	-+									
-20.0	and t							Le.	mannen	
-30.0								1		
-40.0										
-50.0										
-60.0										
Center 670.5 № Res BW 220 k				#VE	3W 680 H	Hz			n 22.5 MHz veep 1 ms	CF Step 2.250000 MHz
Occupied	Bandw	ridth			Total P	ower	30.3	3 dBm		<u>Auto</u> Man
		13.3	77 MH	lz						Freq Offset
Transmit F	req Erro	r	33.039 k	Hz	% of O	3W Powe	or 99	9.00 %		0 Hz
x dB Bandy	vidth		14.50 M	Hz	x dB		-26	.00 dB		
MSG							STATU	IS		



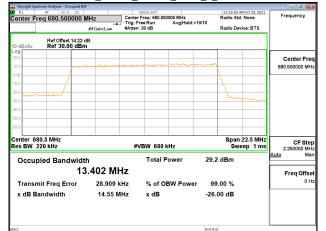
Band71 15MHz 16QAM RB75 0 CH133397

RL	trum Analyzer - Occupied Bi RF 50 Ω DC		SENSE:INT				AM Oct 20, 2021	
enter Fr	eq 690.500000		Center Freq: 690.50 Trig: Free Run	0000 MHz Avg Hold:	10/10	Radio Std: None		Frequency
			#Atten: 30 dB				evice: BTS	
0 dB/div	Ref Offset 14.22 Ref 30.00 dBr	dB n						
0.0								Center Fre
1.0		mannen	mon	mm	urren o			690.500000 MH
00								
.0								
.0	mad							
.0							the second second	
.0								
0.0								
enter 69	0.5 MHz					Spar	1 22.5 MHz	
es BW 2			#VBW 680	kHz			/eep 1 ms	CF Ste 2.250000 MH
Occup	ied Bandwid	th	Total F	ower	30.1	l dBm		<u>Auto</u> Ma
		3.402 MH	Z					Freq Offse
Transm	nit Freq Error	-13.335 kH	z % of O	BW Powe	ər 99	9.00 %		01
x dB Ba	andwidth	14.53 MH	z xdB		-26.	00 dB		
					STATU	-		
					SIAIU	0		

Band71_15MHz_64QAM_RB75_0_CH133197



Band71_15MHz_64QAM_RB75_0_CH133297



Band71 15MHz 64QAM RB75 0 CH133397

RL RF 50Ω DC Center Freq 690.500000	Trig:	sense:INT r Freq: 690.500000 MHz Free Run Avg Hold: 10 n: 30 dB	12:52:58 AM Oct 20, 2021 Radio Std: None W10 Radio Device: BTS	Frequency
Ref Offset 14.2 10 dB/div Ref 30.00 dB				
20.0 10.0				Center Fre 690.500000 MH
0.00				
20.0 30.0				
50.0				
center 690.5 MHz tes BW 220 kHz	#	VBW 680 kHz	Span 22.5 MHz Sweep 1 ms	2.250000 MI
Occupied Bandwid	ith 3.398 MHz	Total Power	29.1 dBm	Auto Ma
Transmit Freq Error x dB Bandwidth	-12.249 kHz 14.54 MHz	% of OBW Power x dB	99.00 % -26.00 dB	01
sg			STATUS	L

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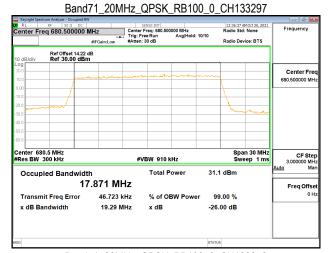
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Report No.: ER/2021/A0027 Page: 191 of 422

Band71 20MHz QPSK RB100 0 CH133222

RL RF 50 Ω DC enter Freq 673.000000		r Freq: 673.000000 MHz	12:36:10 AM Oct 20 Radio Std: None	
	Trig:	Free Run Avg Hold:1 n:30 dB	10/10 Radio Device: B	тя
Ref Offset 14.22 D dB/div Ref 30.00 dB				
og 0.0			+ 0-1-1-1	Center Fre
0.0		And the second s		673.000000 MH
			1	
			1	
10 marshin mark				
0.0				
0.0				
0.0				
enter 673 MHz Res BW 300 kHz	#	VBW 910 kHz	Span 30 Sweep	
Occupied Bandwid	th	Total Power	31.9 dBm	Auto Ma
	7.828 MHz			Freq Offs
Transmit Freq Error	83.371 kHz	% of OBW Power	99.00 %	01
x dB Bandwidth	19.23 MHz	x dB	-26.00 dB	
G			STATUS	



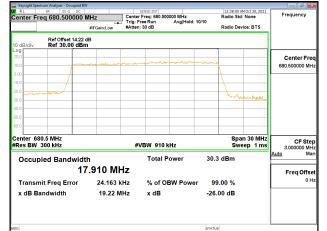
Band71 20MHz QPSK RB100 0 CH133372

	trum Analyzer - Occupied BW							
enter Fre	RF 50 ฏ DC eq 688.000000 ไ		SENSE:INT Center Freq: 68 Trig: Free Run	8.000000 MHz AvglHold	. 40/40	12:37:05 Radio St	AM Oct 20, 2021 d: None	Frequency
			#Atten: 30 dB	Avginoid	. 10/10	Radio De	vice: BTS	
0 dB/div	Ref Offset 14.22 o Ref 30.00 dBn					-		
0 g 20.0								Center Fre
0.0	mon	- man		-	mman			688.000000 MH
.00						\		
0.0						\mathbf{N}		
0.0	mm							
0.0						- <u></u>		
0.0								
0.0								
0.0								
enter 68 Res BW			#VBW 9	10 kHz			an 30 MHz eep 1 ms	CF Ste 3,000000 MH
Occup	ied Bandwidt	h	Tot	al Power	31.0) dBm		<u>Auto</u> Ma
	17	.838 MH	z					Freq Offs
Transm	nit Freq Error	17.683 kH	lz %o	f OBW Powe	er 99	9.00 %		01
x dB Ba	andwidth	19.23 MH	z x di	3	-26.	00 dB		
3					STATU	s		e

Band71_20MHz_16QAM_RB100_0_CH133222

	n Analyzer - Occupied B RF 50 Ω DC	W	651	NSE:INT			12:37:32 AM	0/# 20. 2021	
	673.000000		Center Fr	req: 673.000	000 MHz Avg Hold:	40/40	Radio Std: I		Frequency
		#IFGain:Low	#Atten: 3	e Run 0 dB	Avginoia	: 10/10	Radio Devic	e: BTS	
0 dB/div	Ref Offset 14.22 Ref 30.00 dB								
0.0									Center Fre
1.0				man	manne	m			673.000000 MH
00							1		
.0	/						\mathbf{X}		
.0	wound						hour	mere	
0.0									
.0									
0.0									
0.0									
enter 673 l Res BW 30			#VE	3W 910 k	Hz	1		30 MHz ep 1 ms	CF Ste 3.000000 MI
Occupie	d Bandwid	th		Total P	ower	30.2	dBm		Auto Ma
	1	7.839 MI	Hz						Freq Offs
Transmit	Freq Error	65.374	kHz	% of O	SW Powe	ər 99	.00 %		01
x dB Ban	dwidth	19.23 N	1Hz	x dB		-26.	00 dB		
						STATIS			

Band71_20MHz_16QAM_RB100_0_CH133297



Band71 20MHz 16QAM RB100 0 CH133372

	ctrum Analyzer - Occupied BW				
RL	RF 50 Ω DC	LI- Contr	SENSE:INT Freq: 688.000000 MHz	12:38:26 AM Oct Radio Std: Nor	
enter Fr	eq 688.000000 N	Trig:	FreeRun Avg Hold:1 n:30 dB		-
0 dB/div	Ref Offset 14.22 d Ref 30.00 dBm				
20.0					Center Fre
0.0		and a grade of the second		m	688.000000 MI
0.0					
				$\langle \rangle$	
0.0	montenel			hanne	and
0.0					
0.0					— I
0.0					
enter 68 Res BW		#	VBW 910 kHz	Span 30 Sweep	1 ms 3.000000 Mi
Occup	oied Bandwidt	1	Total Power	30.2 dBm	Auto M
	17	.847 MHz			Freq Offs
Transm	nit Freq Error	8.807 kHz	% of OBW Power	99.00 %	0
x dB Ba	andwidth	19.23 MHz	x dB	-26.00 dB	
G				STATUS	

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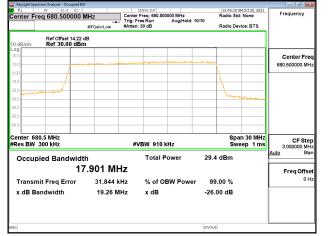
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Band71 20MHz 64QAM RB100 0 CH133222

enter Fre	RF 50 Ω DC eq 673.000000	Trig:	sense:INT er Freq: 673.000000 MHz Free Run Avg Hold en: 30 dB	: 10/10	12:39:19 AM Oct 20, 202 Radio Std: None Radio Device: BTS	Frequency
0 dB/div	Ref Offset 14.22 Ref 30.00 dBr					
0g 20.0		- Andrew Marcalan	A			Center Free 673.000000 MH:
0.00						
20.0 20.0 40.0	man				humanan	
0.0						
enter 67 Res BW		#	#VBW 910 kHz		Span 30 MH Sweep 1 m	
Occup	ied Bandwidt 17	th 7.883 MHz	Total Power	29.3	dBm	Auto Mar
	it Freq Error Indwidth	58.962 kHz 19.33 MHz	% of OBW Powe x dB		.00 % 00 dB	0 H:
G				STATUS		

_20MHz <u>_64QAM_RB100_0</u> Band/1 CH13329



Band71 20MHz 64QAM RB100 0 CH133372

	trum Analyzer - Occupied Bl	N							×
RL Center Fr	RF 50 Ω DC eq 688.000000	MHz	Center F	INSE:INT req: 688.000			12:41:03 Radio St	AM Oct 20, 2021	Frequency
		++ #IFGain:Low	#Atten: 3		Avg Hold:	:>10/10	Radio D	evice: BTS	
10 dB/div	Ref Offset 14.22 Ref 30.00 dBr								
. og 20.0									Center Free
0.0	- Joan	and the second second	Summer of the second	anner 1					688.000000 MH
.00	1						l		
0.0	1						1		
10	Norman M						2		
0.0									
0.0									
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enter 68 Res BW			#V	BW 910 k	Hz			an 30 MHz /eep 1 ms	CF Ste 3,000000 MH
Occup	ied Bandwidt	th		Total P	ower	29.3	3 dBm	<u> </u>	Auto Ma
	17	7.838 M	Hz						Freq Offs
Transm	nit Freq Error	17.550	kHz	% of O	3W Powe	ər 99	9.00 %		0+
x dB Ba	andwidth	19.24	/Hz	x dB		-26.	00 dB		
G						STATU	s		

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OUT OF BAND EMISSION AT ANTENNA TERMINALS 9

9.1 Standard Applicable

FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

RSS-130 §4.7, RSS-132 §5.5, RSS-133 §6.5.1, RSS-139 §6.6, RSS-140 §4.4, RSS-195 §5.6, RSS-199 §4.5

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

FCC §27.53(a)

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

- (4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:
 - (i) By a factor of not less than: 43 + 10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz;
 - (ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;
 - (iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

FCC §27.53(c)

For operations in the 746–758 MHz band and the 776–788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the followina:

(2) On any frequency outside the 776–788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB (-13dBm) (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

FCC §27.53(a)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P) dB$;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

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ISED RSS-130 §4.7.1

Compliance for operations in the 617-652 MHz, 663-698 MHz, 698-756 MHz and the 777-787 MHz band, the unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

ISED RSS-130 §4.7.2

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions: the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:

76 + 10 log10 p (watts), dB, for base and fixed equipment and 65 + 10 log10 p (watts), dB, for mobile and portable equipment

the e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

ISED RSS-132 §5.5

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

- i. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10p (watts).
- ii. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10 p (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

ISED RSS-133 §6.5.1

Equipment shall comply with the limits in (i) and (ii) below.

- In the 1.0 MHz bands immediately outside and adjacent to the equipment's operating frequency block, the emission power per any 1% of the emission bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10p(watts).
- ii. After the first 1.0 MHz, the emission power in any 1 MHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least 43 + 10 log10p(watts). If the measurement is performed using 1% of the emission bandwidth, power integration over 1.0 MHz is required.

FCC §27.53(h)(1)

(h) *AWS emission limits*—(1) *General protection levels*. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log₁₀ (P) dB.

RSS-139 §6.6

In the first 1.0 MHz bands immediately outside and adjacent to the equipment's smallest operating frequency block, Footnote 2 which can contain the equipment's occupied bandwidth, the emission

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power per any 1% of the emission bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least 43 + 10 log10 p (watts) dB.

After the first 1.0 MHz outside the equipment's smallest operating frequency block, which can contain the equipment's occupied bandwidth, the emission power in any 1 MHz bandwidth shall be attenuated below the transmitter output power P (in dBW) by at least 43 + 10 log10 p (watts) dB.

ISED RSS-140 §4.4

- a. For any frequency between 769-775 MHz and 799-806 MHz:
 - i. 76 + 10 log (p), dB in a 6.25 kHz band for fixed and base station equipment
 - ii. 65 + 10 log (p), dB in a 6.25 kHz band for mobile and portable/hand-held equipment
- b. For any frequency between 775-788 MHz, above 806 MHz, and below 758 MHz: 43 + 10 log (p), dB in a bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency bands 758-768 MHz and 788-798 MHz, a resolution bandwidth of 30 kHz may be employed.

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

ISED RSS-195 §5.6

The power of any emission outside the frequency range(s) in which the equipment operates shall be attenuated below the transmitter power, P(dBW), by the amount indicated in Table 2, where p is the transmitter output power measured in watts.

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Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equipment								
Frequency (MHz)	Attenuation (dB)	Frequency (MHz)	Attenuation (dB)					
<2200	43 + 10 log10(p)	2324 - 2328	61 + 10 log10(p)					
2200 - 2288	70 + 10 log10(p)	2328 - 2337	67 + 10 log10(p)					
2288 - 2292	67 + 10 log10(p)	2337 - 2341	61 + 10 log10(p)					
2292 - 2296	61 + 10 log10(p)	2341 - 2345	55 + 10 log10(p)					
2296 - 2300	55 + 10 log10(p)	2345 - 2360	43 + 10 log10(p) FootnoteNote					
2300 - 2305	43 + 10 log10(p)	2360 - 2365	43 + 10 log10(p)					
2305 - 2320	43 + 10 log10(p) FootnoteNote	2365 - 2395	70 + 10 log10(p)					
2320 - 2324	55 + 10 log10(p)	>2395	43 + 10 log10(p)					

nd 2345-2350 MHz. In addition, mobile and portable equipment employing FDD technology shall be restricted to transmitting in the band 2305-2315 MHz.

RSS-199 §4.5

In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for base station and fixed subscriber equipment, and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.

Equipment shall comply with the following unwanted emission limits:

for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least 43 + 10 log10 p for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least:

40 + 10 log10 p from the channel edges to 5 MHz away

43 + 10 log10 p between 5 MHz and X MHz from the channel edges, and

55 + 10 log10 p at X MHz and beyond from the channel edges

In addition, the attenuation shall not be less than 43 + 10 log10 p on all frequencies between 2490.5 MHz and 2496 MHz, and 55 + 10 log10 p at or below 2490.5 MHz.

In (a) and (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

FCC §90.543 (e)

For operations in the 758-768 MHz and the 788-798 MHz bands, the power of any emission outside the

licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the

licensed band(s) of operation, measured in watts, in accordance with the following:

(1) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations.

- (2) On all frequencies between 769-775 MHz and 799-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations.
- (3) On any frequency between 775-788 MHz, above 805 MHz, and below 758 MHz, by at least 43 + 10 log (P) dB.

FCC §90.691 Emission mask requirements for EA-based systems

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA 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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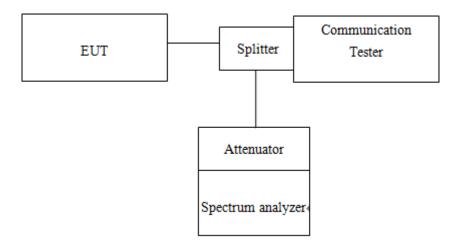


license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

9.2 Test SET-UP



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9.3 **Measurement Procedure**

Conducted Emission 9.3.1

The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficient scans were taken to show the out of band Emissions if any up to 10th harmonic.

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. Set RBW = 1MHz & VBW = 1MHz on Spectrum.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

9.3.2 **Band Edge**

- 1. To connect Antenna Port of EUT to Spectrum.
- 2. The band edge of low and high channels for the highest RF powers was measured. Setting RBW \geq 1% EBW.
- 3. Allow trace to fully stabilize
- 4. Repeat above procedures until all default test channel measured were complete.

Band Edge Measurement Result: 9.4

Refer to next pages.

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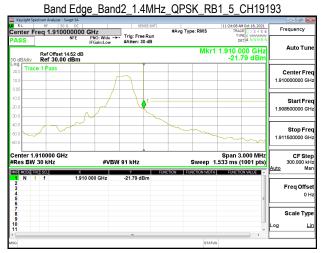
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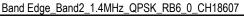


Report No.: ER/2021/A0027 Page: 199 of 422

Band Edge_Band2_1.4MHz_QPSK_RB1_0_CH18607

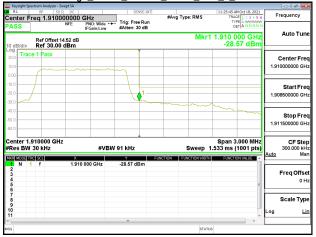






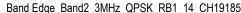


Band Edge_Band2_1.4MHz_QPSK_RB6_0_CH19193



Band Edge_Band2_3MHz_QPSK_RB1_0_CH18615







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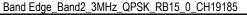
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Report No.: ER/2021/A0027 Page: 200 of 422

Band Edge Band2 3MHz QPSK RB15 0 CH18615

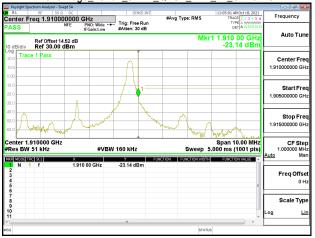
Keysight Spectrum Analyzer - S					
RL RF 50: Center Freq 1.8500	00000 GHz	SENSE:INT	#Avg Type: RMS	11:15:04 AM Oct 18, 2021 TRACE 1 2 3 4 5 6	Frequency
PASS	NFE PNO: Wide - IFGain:Low	Trig: Free Run #Atten: 30 dB	Mket	1.850 000 GHz	Auto Tun
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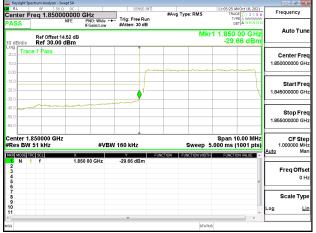




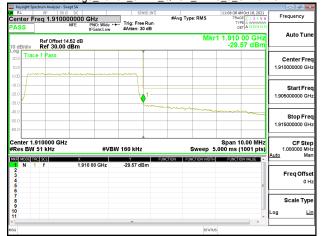
Band Edge_Band2_5MHz_QPSK_RB1_24_CH19175



Band Edge_Band2_5MHz_QPSK_RB25_0_CH18625



Band Edge Band2 5MHz QPSK RB25 0 CH19175



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