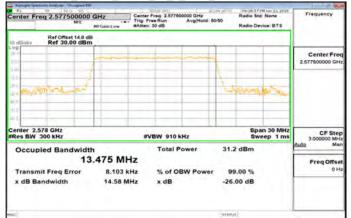
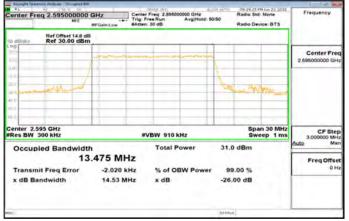


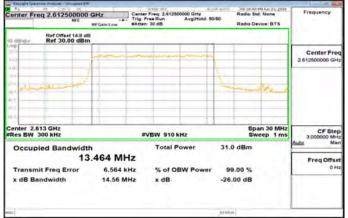
Band38_15MHz_QPSK_75_0_Main_LowCH37825-2577.5

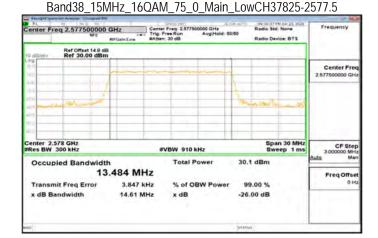




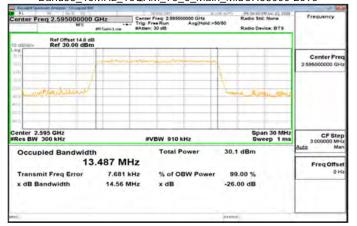
Band38_15MHz_QPSK_75_0_Main_MidCH38000-2595

Band38_15MHz_QPSK_75_0_Main_HighCH38175-2612.5





Band38_15MHz_16QAM_75_0_Main_MidCH38000-2595



Band38_15MHz_16QAM_75_0_Main_HighCH38175-2612.5

Kaught taartuit Anatur Ocusar IL N MG D		E SEMIELING	ADA		Aur 23, 2528	
Center Freq 2.6125000		Center Freq 2.5121 Trig: Free Run #Atten: 30 dB	0 Radio Std. Radio Dev		Frequency	
Ref Offset 143 Ref 30.00 d	Bm					
80.0 1001	-			1		Center Fred 2.612500000 GH
- WRammet	/			Law-	where	
403 603						
Center 2.613 GHz #Res BW 300 kHz		#VBW 910	KHZ		n 30 MHz ep 1 ms	CF Ster
Occupied Bandwi	dth	Total	Power	30.0 dBm		Auto: Mar
	13.490 MH	Iz				Freq Offset
Transmit Freq Error	11.483 k	Hz % of C	BW Power	99.00 %		0 H
x dB Bandwidth	14.60 M	Hz x dB		-26.00 dB		
And -						

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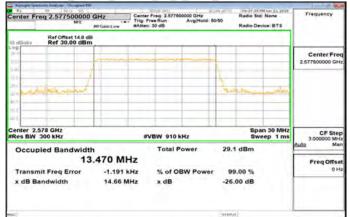
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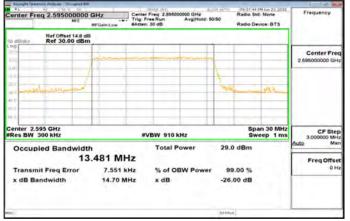
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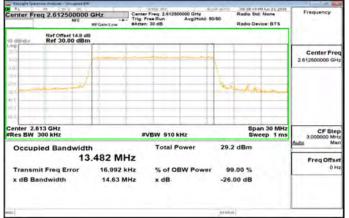
Band38_15MHz_64QAM_75_0_Main_LowCH37825-2577.5

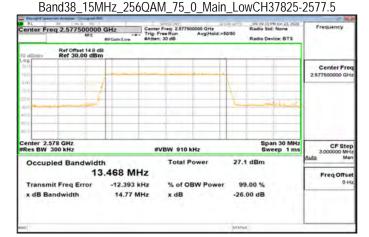




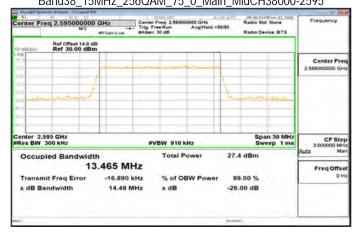
Band38_15MHz_64QAM_75_0_Main_MidCH38000-2595

Band38_15MHz_64QAM_75_0_Main_HighCH38175-2612.5





Band38_15MHz_256QAM_75_0_Main_MidCH38000-2595



Band38_15MHz_256QAM_75_0_Main_HighCH38175-2612.5

Keynight Speed	trues Anagour - On capacit EW			MUR LWY	~ ~	-		W.het \$3,2528		
Center Fre	eq 2.612500000 0	GH2	Center Freq: 2.512500000 GHz				Radio St		Frequency	
10 dB/div	Ref Offset 14.9 dB Ref 30.00 dBm		_					_		
100 100									Center Freq 2.612500000 GHz	
	hand t					1				
200										
Center 2.6			#VI	BW 9101	CHIZ			an 30 MHz eep 1 ms	CF Step	
Occup	ied Bandwidth			Total P	ower	27.	dBm		Auto: Mar	
	13. hit Freq Error andwidth	469 MH -4.440 k 14.60 M	Hz	% of O	BW Power		0.00 %		Freq Offser 0 Ho	
A UB BA	ingwiden	14.00 M	ne.	AUB		-20.	OU UB			
est.						1,04,404	A			

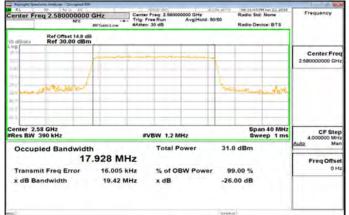
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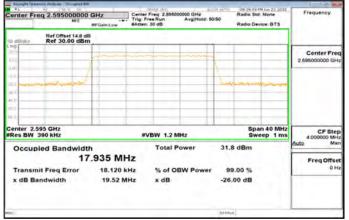
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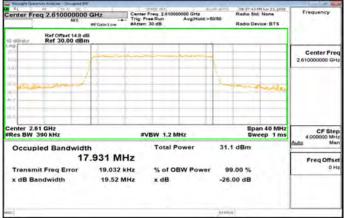
Band38_20MHz_QPSK_100_0_Main_LowCH37850-2580



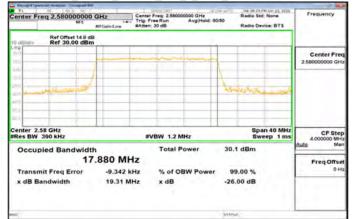


Band38_20MHz_QPSK_100_0_Main_MidCH38000-2595

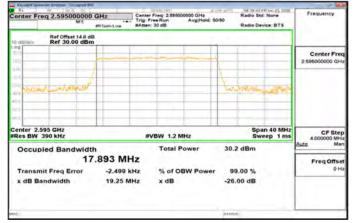
Band38_20MHz_QPSK_100_0_Main_HighCH38150-2610



Band38_20MHz_16QAM_100_0_Main_LowCH37850-2580



Band38_20MHz_16QAM_100_0_Main_MidCH38000-2595



Band38_20MHz_16QAM_100_0_Main_HighCH38150-2610

Keynet Altanthalth Anerone - Onversed Bit Keynet Altanthalth Anerone - Onversed Bit M. M. M. G. K.			1997)		a area		he: 13,2528	163	
Center Freq 2.610000000	GHz #FGdimLog	Trig: Free	Center Freq 2.51000000 GHz Trig: Free Run Avg/Hold: 50/50 #Atten: 30 dB			Radio Std: 1 Radio Devic		Frequency	
Ref Offset 14.8 dl Ref 30.00 dBn							1.1		
80 P 1002	pane							Center Freq 2.610000000 GHz	
- manand					1-	m	and and		
407 603									
Center 2.61 GHz #Res BW 390 kHz		#VB	W 1.2 M	NHz			40 MHz p 1 ms	CF Step 4.000000 MH	
Occupied Bandwidt	h		Total F	ower	30.0	dBm		Auto Mar	
17	.904 MH	Iz						Freq Offset	
Transmit Freq Error	19.756 k	Hz	% of 0	BW Power	99	.00 %		0 Hz	
x dB Bandwidth	19.23 M	Hz	x dB		-26.	00 dB			
und .									

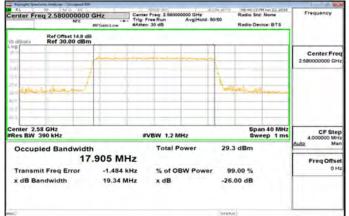
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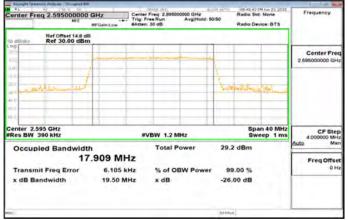
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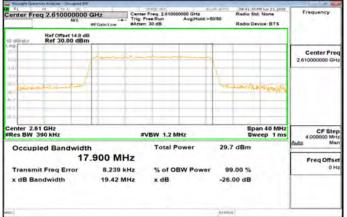
Band38_20MHz_64QAM_100_0_Main_LowCH37850-2580





Band38_20MHz_64QAM_100_0_Main_MidCH38000-2595

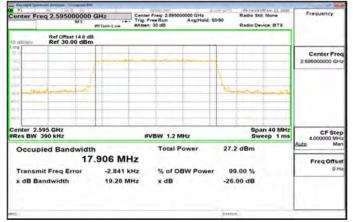
Band38_20MHz_64QAM_100_0_Main_HighCH38150-2610



enter Freq 2.580000000 GHz NOD GHE Ref Offset 14.8 e Ref 30.00 dB Center Fra Span 40 MHz Center 2.58 GHz Res BW 390 kHz CF Step VBW 1.2 MH 4.00 Total Power 27.3 dBn **Occupied Bandwidth** 17.871 MHz Freq Offse Transmit Freq Error OH -3.490 kHz % of OBW Por 99.00 % dB Bandwidth 19.34 MHz x dB -26.00 dB

Band38_20MHz_256QAM_100_0_Main_LowCH37850-2580

Band38_20MHz_256QAM_100_0_Main_MidCH38000-2595



Band38_20MHz_256QAM_100_0_Main_HighCH38150-2610

Exyspirit I part	num Anaman - On vapant EW			And DWY			-		-	
Center Fre	q 2.610000000	GH2	Center Freq 2.510000000 GHz			0/50	Radio St	None 1: None vice: BTS	Frequency	
VID/08/	Ref Offset 14.8 dE Ref 30.00 dBm					_		_		
10.0			-	-					Center Freq 2.610000000 GHz	
	in 1					1				
40.0										
Center 2.6 #Res BW		11 1	#VE	W 1.2 N	IHz			an 40 MHz eep 1 ms	CF Step 4.000000 MH	
Occup	ied Bandwidt		5.1	Total P	ower	27.2	dBm		Auto: Man	
Transm	17 it Freq Error	.894 MH		N of O	BW Power		.00 %		Freq Offset	
	indwidth	19.25 M		x dB	DW FOWER		00 dB			
ANC:						1,744,015				

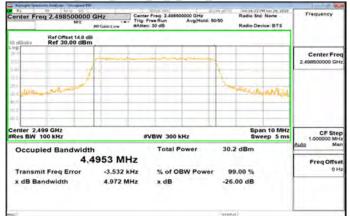
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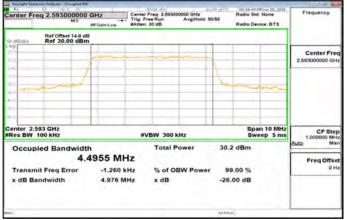
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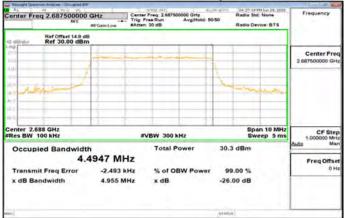
Band41_5MHz_QPSK_25_0_Main_LowCH39675-2498.5

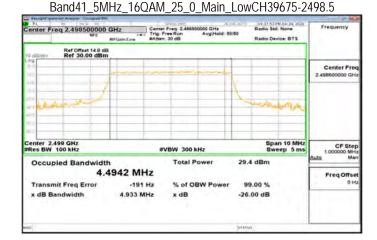




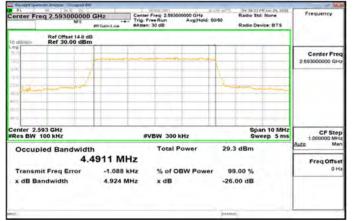
Band41_5MHz_QPSK_25_0_Main_MidCH40620-2593

Band41_5MHz_QPSK_25_0_Main_HighCH41565-2687.5





Band41_5MHz_16QAM_25_0_Main_MidCH40620-2593



Band41_5MHz_16QAM_25_0_Main_HighCH41565-2687.5

Kayaget I partnets Anamore On capa	IA EW.	T GLADIE 1997	T. AND A	100	
Center Freq 2.6875000	MrGalmLow	Center Freq 2.587 Trig: Free Run #Atten: 30 dB	S00000 GHz Avg/Hold: 50/50	Radio Std: None Radio Device: BT	Frequency
Ref Offset 14. Ref 30.00 d					
202- 1001- 1001-			in		Center Free 2.687500000 GHz
14	1			HIA	
				-	
Center 2.688 GHz				Span 10 M	
TRes BW 100 kHz		#VBW 300	kHz	Sweep 5	ms 1.000000 MH
Occupied Bandwi			Power 3	29.3 dBm	Auto Mar
	4.4942 MI	Hz			Freq Offset
Transmit Freq Error	-3.252	Hz % of C	BW Power	99.00 %	0 H
x dB Bandwidth	4.941 N	IHz x dB		26.00 dB	
es:			- 0	uns.	· .

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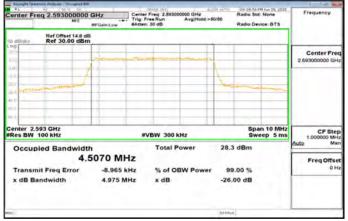
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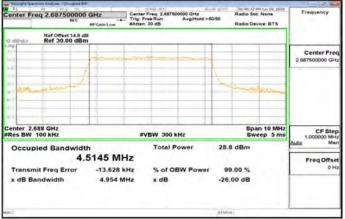
Band41 5MHz 64QAM 25 0 Main LowCH39675-2498.5

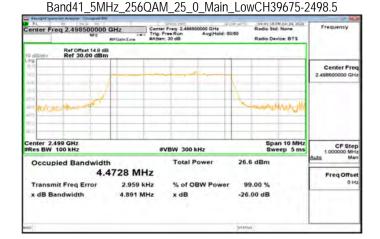




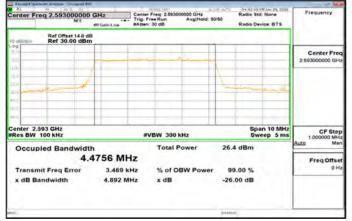
Band41_5MHz_64QAM_25_0_Main_MidCH40620-2593

Band41_5MHz_64QAM_25_0_Main_HighCH41565-2687.5

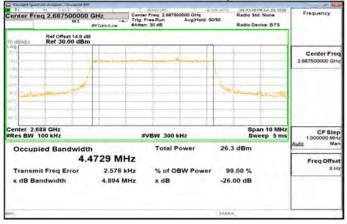




Band41_5MHz_256QAM_25_0_Main_MidCH40620-2593



Band41_5MHz_256QAM_25_0_Main_HighCH41565-2687.5



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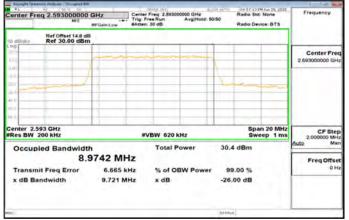
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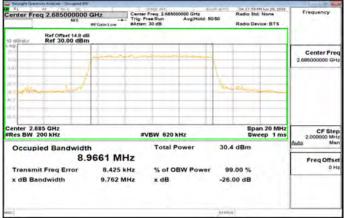
Band41_10MHz_QPSK_50_0_Main_LowCH39700-2501



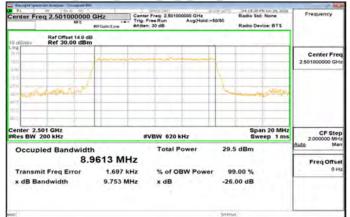


Band41_10MHz_QPSK_50_0_Main_MidCH40620-2593

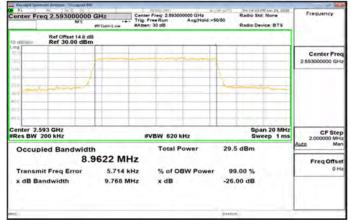
Band41_10MHz_QPSK_50_0_Main_HighCH41540-2685



Band41_10MHz_16QAM_50_0_Main_LowCH39700-2501



Band41_10MHz_16QAM_50_0_Main_MidCH40620-2593



Band41_10MHz_16QAM_50_0_Main_HighCH41540-2685

Kayoght Spectrum Anaryses - On upont I	W.	GAME INT. AL		
Center Freq 2.68500000	Trig	ter Freq 2.585000000 GHz Free Run AvgiHold: Si en: 30 dB	Radio Std: Non	• Frequency
TO dB/div Ref 30.00 dB				1
1000 1000				Center Free 2.685000000 GHz
	1		Level.	_
401 VAT 1947 1947				
60 A				
Center 2.685 GHz #Res BW 200 kHz		#VBW 620 kHz	Span 20 Sweep	1 ms 2.000000 MH
Occupied Bandwid	th	Total Power	29.5 dBm	Audo Mar
8	.9635 MHz			Freq Offset
Transmit Freq Error	-15.383 kHz	% of OBW Power		0 Hz
x dB Bandwidth	9.734 MHz	x dB	-26.00 dB	
est.			(MARS,	

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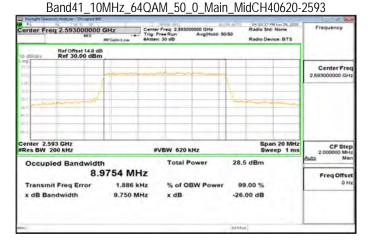
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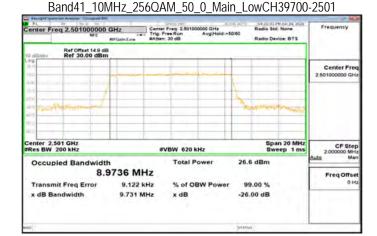
Band41_10MHz_64QAM_50_0_Main_LowCH39700-2501



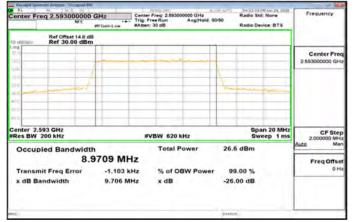


Band41_10MHz_64QAM_50_0_Main_HighCH41540-2685





Band41_10MHz_256QAM_50_0_Main_MidCH40620-2593



Band41_10MHz_256QAM_50_0_Main_HighCH41540-2685

Keynight Speet	truin Anazon - Occapant BW			a 197				10000	
Center Fre	eq 2.685000000 (GH2	Center Freq: 2.585000000 GHz			Radio De		Frequency	
VD dB/div	Ref Offset 14.9 dB Ref 30.00 dBm								
100 100			-	~			-	_	Center Freq 2.686000000 GHz
		-				1			
401 - 1000	The second second								
Center 2.6 #Res BW			#VBI	W 620 H	cHz			in 20 MHz eep 1 ms	CF Step 2.000000 MHz
Occup	ied Bandwidth			Total P	ower	26.4	4 dBm		Auto Man
	8.9 hit Freq Error andwidth	707 MH 354 I 9.789 MI	Hz	% of Ol x dB	BW Power		9.00 % 00 dB		Freq Offset 0 Hz
week.						1,044,04			<u> </u>

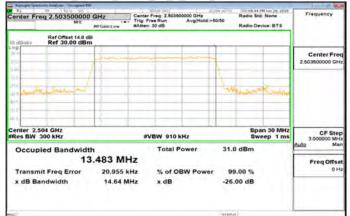
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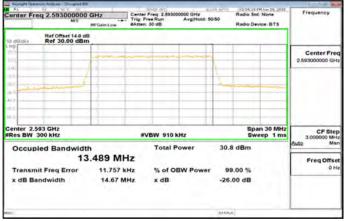
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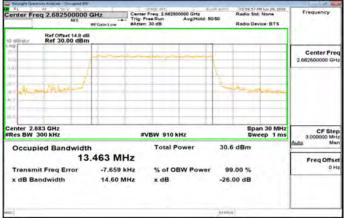
Band41_15MHz_QPSK_75_0_Main_LowCH39725-2503.5

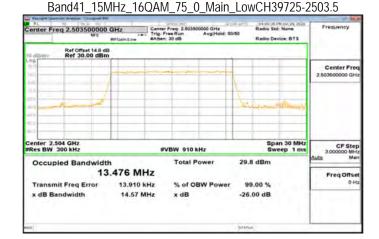




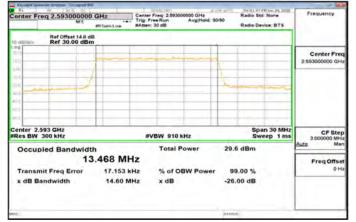
Band41_15MHz_QPSK_75_0_Main_MidCH40620-2593

Band41_15MHz_QPSK_75_0_Main_HighCH41515-2682.5





Band41_15MHz_16QAM_75_0_Main_MidCH40620-2593



Band41_15MHz_16QAM_75_0_Main_HighCH41515-2682.5

Keynight Speetnets Anappart Onvaport EW	S					
Center Freq 2.682500000		Center Freq 2.582 Trig: Free Run #Atten: 30 dB		Radio S	evice: BTS	Frequency
Ref Offset 14.9 dE					1	
(0.0		-		-	-	Center Freq 2.682500000 GHz
- and -				L.		
401						
Center 2.683 GHz				Sc	an 30 MHz	CF Step
Res BW 300 kHz		#VBW 910	KHZ		weep 1 ms	3.000000 MHz
Occupied Bandwidt	h	Total	Power	29.6 dBm		Auto Man
13	.453 MH	z				Freq Offset
Transmit Freq Error	-8.934 kH	z % of C	BW Power	99.00 %		0 Hz
x dB Bandwidth	14.68 MH	z xdB		-26.00 dB		
				244805		

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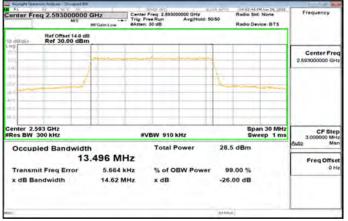
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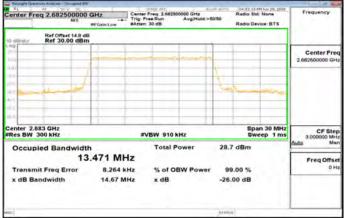
Band41_15MHz_64QAM_75_0_Main_LowCH39725-2503.5

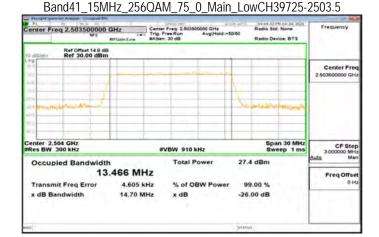




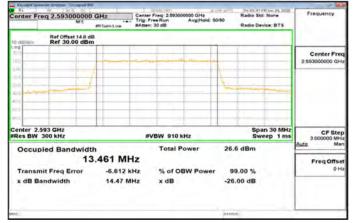
Band41_15MHz_64QAM_75_0_Main_MidCH40620-2593

Band41_15MHz_64QAM_75_0_Main_HighCH41515-2682.5





Band41_15MHz_256QAM_75_0_Main_MidCH40620-2593



Band41_15MHz_256QAM_75_0_Main_HighCH41515-2682.5

Keynight Spectruits Anaman - On capacit B	W.					
Center Freq 2.682500000	MTGainLow	Center Freq 2.582 Trig: Free Run #Atten: 30 dB	SOODOO GHz AvgiHold: 50	IN Arr 24, 2528 d: None tvice: BTS	Frequency	
Ref Offset 14.8 d Ref 30.00 dBr					1	
2017 1002						Center Freq 2.682500000 GHz
	4					
401						
Center 2.683 GHz #Res BW 300 kHz		#VBW 910	kHz		an 30 MHz /eep 1 ms	CF Step 3 000000 MHz
Occupied Bandwid	th	Total	Power	27.5 dBm		Auto Man
1:	3.476 MH	Iz				Freq Offset
Transmit Freq Error x dB Bandwidth	-19.311 k		DBW Power	99.00 %		0 Hz
Med .				MARK.		

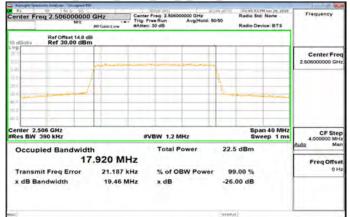
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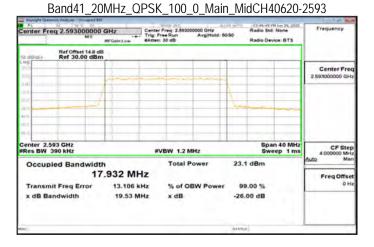
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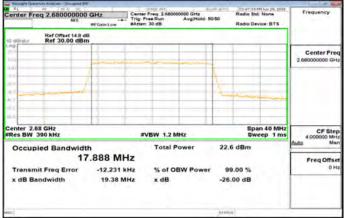


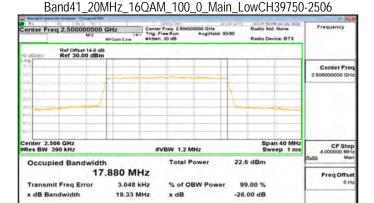
Band41_20MHz_QPSK_100_0_Main_LowCH39750-2506



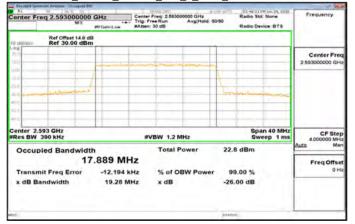


Band41_20MHz_QPSK_100_0_Main_HighCH41490-2680





Band41_20MHz_16QAM_100_0_Main_MidCH40620-2593



Band41_20MHz_16QAM_100_0_Main_HighCH41490-2680

RL	eq 2.680000000	and the second s	Center Freq 21 Trig: Free Run #Atten: 30 dB		Rad	48.49 HM Avr. 24, 2528 Io Stal: None	Frequency
10 dBAdiv	Ref Offset 14.9 di Ref 30.00 dBm	a					17.1
1000 1000		anotheres					Center Free 2 680000000 GH
					1		
101					-		
Center 2.6 Res BW			#VBW 1	.2 MHz	1	Span 40 MHz Sweep 1 ms	CF Step
Occup	ied Bandwidt	h	Tot	al Power	22.8 dB	m	Auto Mar
	17 hit Freq Error andwidth	-22.915 ki 19.30 Mi	Hz % 0	f OBW Power	99.00 -26.00 d		Freq Offse 0 H
ec.					(MARK)		-

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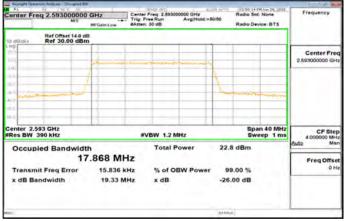
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Band41_20MHz_64QAM_100_0_Main_LowCH39750-2506

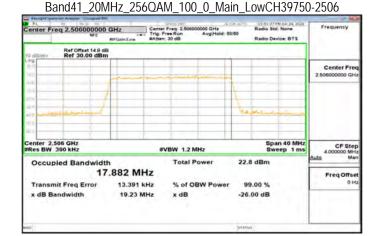




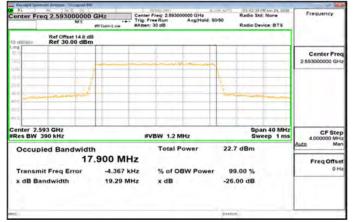
Band41_20MHz_64QAM_100_0_Main_MidCH40620-2593

Band41_20MHz_64QAM_100_0_Main_HighCH41490-2680





Band41_20MHz_256QAM_100_0_Main_MidCH40620-2593



Band41_20MHz_256QAM_100_0_Main_HighCH41490-2680

Key og til Speetnam Anarysen - On vag och filt	×	T gas	1000	~ ~ ~	-		M.her. 24, 2521		
Center Freq 2.680000000	GH2	Center Freq 2.580000000 GHz Trig: Free Run Avg/Hold: 50/50 #Atten: 30 dB			150	Radio Std		Frequency	
Ref Offset 14.9 di Ref 30.00 dBn			-						
80 Q		-						Center Free 2 680000000 GH	
					tine	1	-		
ke h									
Center 2.68 GHz #Res BW 390 kHz		#VBV	1.2 M	Hz			eep 1 ms	CF Step 4,000000 MH	
Occupied Bandwidt	h		Total P	ower	22.8	dBm		Audio Mar	
17	.883 MH	z						Freq Offse	
Transmit Freq Error	-15.364 k	Hz 7	6 of OB	W Power	99.0	00 %		0 H	
x dB Bandwidth	19.13 M	Hz x	dB		-26.0	0 dB			
ed.					JAMES.				

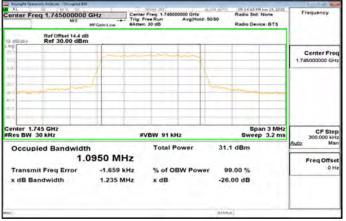
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Band66_1_4MHz_QPSK_6_0_Main_LowCH131979-1710.7

Center Fre	ng 1.710700000	GHz MFGain Low	Center Freq 1 Trig Free Run #Atten: 30 dB	710700000 GH	lold: 50/50	Radio Sta		Freq	uency
(0. dilivaliy	Ref Offset 14.4 dB Ref 30.00 dBm								
1000- 0.00		-							nter Fred
		4			1	-			
xi, = 10.1									
Center 1.7 Res BW			#VBW 9	1 kHz	1	Sp. Swee	an 3 MHz p 3.2 ms	30	CF Step
Occup	led Bandwidth	, 959 МН		al Power	31.	1 dBm		Auto	Mar
	it Freq Error ndwidth	-1.724 ki 1.241 Mi	Hz % o	f OBW Pa B		9.00 % .00 dB		Fn	eq Offse 0 H
					1216				_



Band66_1_4MHz_QPSK_6_0_Main_MidCH132322-1745

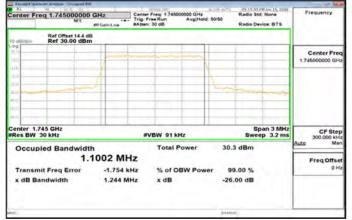
Band66_1_4MHz_QPSK_6_0_Main_HighCH132665-1779.3

FL.	ng 1.779300000 G	T LAND T	Center Freg. 1.778300000 GHz Trig: Free Run AvgiHold: 50/50 #Atten: 30 dB			Radio Std: None Radio Device: BTS		Frequency
0 albidist	Ref Offset 14.4 dB Ref 30.00 dBm							
200 200 100		-						Center Freq 1.779300000 GHg
0.0		4			1-			
-	-							
enter 1.7	79 GH2					Sr	an 3 MHz	
Res BW			#VBW 91 k	Hz			p 3.2 ms	CF Step 300.000 kHz
Occupi	ied Bandwidth			Power	31.3	dBm		Auto Man
	1.0	920 MHz						Freq Offset
Transmit Freq Error -793			% of C	BW Pow	er 99	9.00 %		0 Ha
x dB Ba	ndwidth	1.236 MHz	x dB		-26.	8b 00		
					37474			

Band66_1_4MHz_16QAM_6_0_Main_LowCH131979-1710.7

Kayogret Spantnum Amagine - Churdpool Bitl				2 1.1
Center Freq 1.710700000	Trip	Free Run Avg Hold > 50/ n: 30 dB	Radio Stat None Radio Device: 875	Frequency
10 diludiv Ref 30.00 dBm				
100 4.00	-			Center Freq 1.710700000 GHz
	4			
407				
Center 1.711 GHz #Res BW 30 kHz		WBW 91 kHz	Span 3 MHz Sweep 3.2 ms	CF Step 300.000 kH
Occupied Bandwidth		Total Power	30.4 dBm	Auto Man
1.0	978 MHz			Freq Offset
Transmit Freq Error	-908 Hz	% of OBW Power	99.00 %	0 Hz
x dB Bandwidth	1.241 MHz	x dB	-26.00 dB	
			STATUS	

Band66_1_4MHz_16QAM_6_0_Main_MidCH132322-1745



Band66_1_4MHz_16QAM_6_0_Main_HighCH132665-1779.3

Kennet Standard Annual Occupied B		T SAME INT	7. A107.6	25.14.25 PM her	1A. 26.00
Center Freq 1.779300000		Center Freq 1.7793 Trig: Free Run #Atten: 30 dB	AvgiHeld: 50/50	Radio Std: No Radio Device:	Frequency
Ref Offset 14.4 d Ref 30.00 dBr			-		1
1007 1002	1				Center Fred 1.779300000 GH
	4		N.		
Center 1.779 GHz #Res BW 30 kHz	11 - 1	#VBW 91 k	Hz	Span Sweep	1.2 ms 300,000 kH
Occupied Bandwid		Total	Auto: Mar		
	1009 MH				Freq Offset
Transmit Freq Error x dB Bandwidth	-2.259 kH 1.235 MH		BW Power	99,00 % 26.00 dB	040
60			- 04	48.5.	

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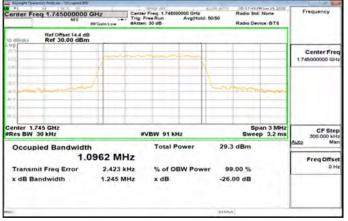
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Band66_1_4MHz_64QAM_6_0_Main_LowCH131979-1710.7





Band66_1_4MHz_64QAM_6_0_Main_MidCH132322-1745

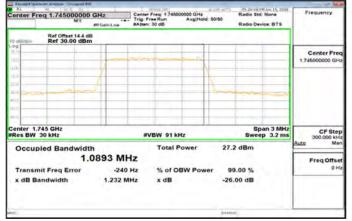
Band66_1_4MHz_64QAM_6_0_Main_HighCH132665-1779.3

Center Fre	q 1.779300000	Trie Trie	ter Freq. 1.779300000 g. Free Run An ten: 30 dB	GHz vgiHold: 50:50	Radio Std. None Radio Device: BTS	Frequency
10 aB/div	Ref Offset 14.4 dB Ref 30.00 dBm	1				
1000 1000				-		Center Freq 1.779300000 GHz
0 0 20 0				1	im	
			-			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Center 1.7 Res BW 3		11 1	#VBW 91 kHz		Span 3 M Sweep 3.2 r	
Occupi	ied Bandwidth	954 MHz	Total Pow	Auto Man Freq Offset		
	it Freq Error ndwidth	1.693 kHz 1.247 MHz	% of OBW x dB		9.00 % 5.00 dB	0 Hz
				8747		

Band66_1_4MHz_256QAM_6_0_Main_LowCH131979-1710.7

Kapogrif Spattrum Amagan - Circla	post 010		-	2010 14 14 PM Row 15, 2	1 2 10
Center Freq 1.710700	T	enter Freq. 1.710700000 GHz rig. Free Rum Avg Hold Atten: 30 dB		Radio Std: None Radio Device: 875	Frequency
10 dillidiv Ref 30.00					
100 0 00	-		-		Center Free 1.710700000 GH
- h 	1		1		
407 D) 2					
Center 1.711 GHz		#VBW 91 kHz		Span 3 M Sweep 3.2	Cr step
Occupied Bandy	vidth	Total Power	27	3 dBm	Auto Mar
	1.0893 MHz				FreqOffse
Transmit Freq Erro x dB Bandwidth	596 Hz 1.237 MHz			9.00 % 5.00 dB	0 H
			DIAT		

Band66_1_4MHz_256QAM_6_0_Main_MidCH132322-1745



Band66_1_4MHz_256QAM_6_0_Main_HighCH132665-1779.3

Kayneght Speets	nim Anaroan -Orospent BW			And Inter		-				
Center Fre	q 1.779300000 G	Hz TGainLow	Center F	Center Freq 1.779300000 GHz			Radio Std: None Radio Device: BTS		Frequency	
10 dB/div	Ref Offset 14.4 dB Ref 30.00 dBm			_		_		1		
10.01 10.01				-			-		Center Free 1.779300000 GH	
19.4 489		1			_	1	1			
401						-	1			
Center 1.7				-			Sp	an 3 MHz	CF Ster	
Res BW 3			#V	BW 91 k				p 3.2 ms	aute Man	
Occupi	ed Bandwidth	896 MH		Total F	ower	27.	2 dBm			
	it Freq Error ndwidth	730 1.230 M	Hz	% of O x dB	BW Pow		9.00 % .00 dB		Freq Offse 0H	
And .						13440	a, .			

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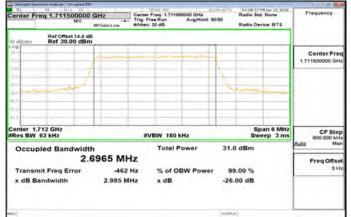
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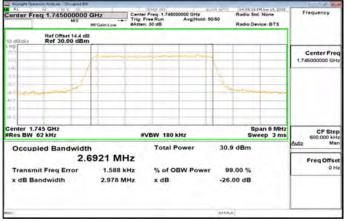
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Band66_3MHz_QPSK_15_0_Main_LowCH131987-1711.5





Band66_3MHz_QPSK_15_0_Main_MidCH132322-1745

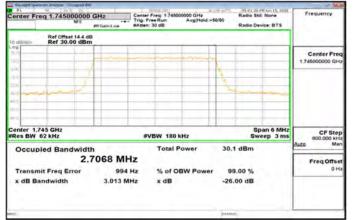
Band66_3MHz_QPSK_15_0_Main_HighCH132657-1778.5

FL.	AF 150 0 00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		IPA ALTO	35.00.001	PM han 35, 2020	- 0 -	
Center Fre	eq 1.778500000	GHz MFGain Low	Center Free 1.778500000 GHz Trig: Free Run AvgiHold: 50/50 #Atten: 30 dB			Radio Std: None Radio Device: BTS		Frequency	
o allvaliv	Ref Offset 14.4 dB Ref 30.00 dBm	5				_			
0.0								Center Fred	
20 H				_	1		-		
4 P									
Center 1.7			#VBW 18	IO KHZ	1		oan 6 MHz eep 3 ms	CF Step	
Occup	ied Bandwidth	957 MH	term Perior Att			1 dBm		Auto Mar	
Transmit Freq Error 199		199 I 2.977 Mi	Hz % of OBW Power 9			9.00 % .00 dB		Freq Offse 0H	
00					BEATO	0			

Band66_3MHz_16QAM_15_0_Main_LowCH131987-1711.5



Band66_3MHz_16QAM_15_0_Main_MidCH132322-1745



Band66_3MHz_16QAM_15_0_Main_HighCH132657-1778.5

Carried Sparster	an Anamar Onversit EW		T TRANS INC.				W.Sec 15, 2528	
Center Fre	q 1.778500000	GH2	Center Freq 1.776500000 GHz Trig: Free Run Avg/Hold: 50/50 #Atten: 30 dB			Radio Std	: None	Frequency
VD dB/div	Ref Offset 14.4 dB Ref 30.00 dBm							
1007 1007			-+-	-	-	1		Center Freq 1.778500000 GHz
	1		1		1	1		
101								
101						Ì.		
Center 1.77 Res BW 6			#VBW 1	BO KHZ			eep 3 ms	CF Step 600,000 kH
Occupi	ed Bandwidth			I Power	30.	0 dBm		Auto Man
Transmi	2.7 t Freq Error	158 MH	Contraction and the second			9.00 %		Freq Offset
x dB Bar	DC1 (10) (10) (10)	3.032 M				.00 dB		
ed.					12440	a		

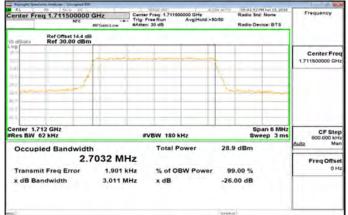
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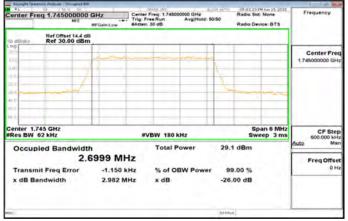
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Band66_3MHz_64QAM_15_0_Main_LowCH131987-1711.5

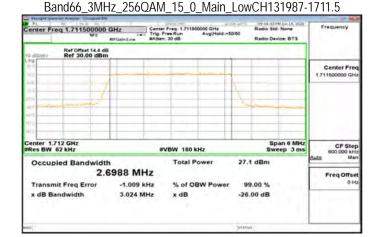




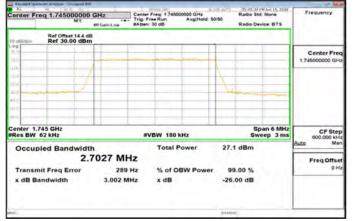
Band66_3MHz_64QAM_15_0_Main_MidCH132322-1745

Band66_3MHz_64QAM_15_0_Main_HighCH132657-1778.5

FL.	rg 1.77850000	0.00	Center Free	1.778500000 GHz	ALTER ALTO	Radio Std None	Frequency
Center Pre	NFE NFE	MFGain1.cw				Radio Device: BT	
10 attract	Ref Offset 14.4			1.0			
1010 1010		james			-		Center Fred 1.778500000 GH
0.0	1 17				X		
Ar 1							~
Center 1.7			i i i			Span 6 M	
Res BW				#VBW 180 kHz Total Power 29.			ms BOO DOO kHo
Occup	ied Bandwid	.7038 MH		otal Power	29	0 dBm	FreqOffset
		2.276 k 3.006 M		of OBW Pov dB		9.00 % 5.00 dB	0 H
690					8747	116	



Band66_3MHz_256QAM_15_0_Main_MidCH132322-1745



Band66_3MHz_256QAM_15_0_Main_HighCH132657-1778.5

Caynet Hawk	nats Anagaer -Okuapet BW			10.000 EV.	~ ~ ~	-				
Center Fre	q 1.778500000	GHz	Center Trig: Fr	Center Freq 1.778500000 GHz			Radio Std: None Radio Device: BTS		Frequency	
to dBidiv	Ref Offset 14.4 dB Ref 30.00 dBm							1		
10-0 10-0			-	from					Center Fred 1.778500000 GH	
19 Å	1			1		X	1			
101	- P						1			
Center 1.7				/BW 1801	kHz			oan 6 MHz eep 3 ms	CF Step	
Occup	ied Bandwidth		Total Power				0 dBm		Auto Ma	
	2.7	034 MH	IZ						Freq Offse	
	it Freq Error Indwidth	439 3.011 M		% of O x dB	BW Power		9.00 % .00 dB		0 H	
ANC.						124404	a,			

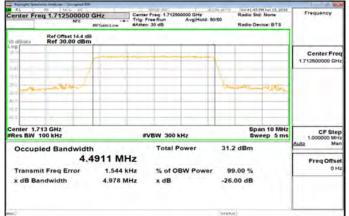
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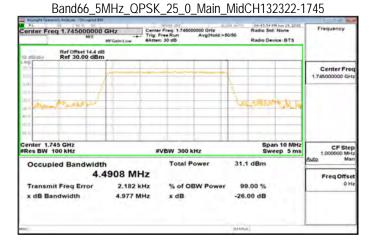
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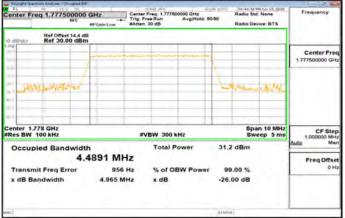


Band66_5MHz_QPSK_25_0_Main_LowCH131997-1712.5



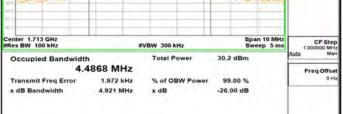


Band66_5MHz_QPSK_25_0_Main_HighCH132647-1777.5

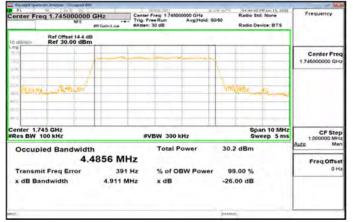


Radio Std: None enter Freq 1.712500000 GHz SHD 000 Ref Offset 14.4 c Center Fre

Band66_5MHz_16QAM_25_0_Main_LowCH131997-1712.5



Band66_5MHz_16QAM_25_0_Main_MidCH132322-1745



Band66_5MHz_16QAM_25_0_Main_HighCH132647-1777.5

Center Freq 1.77750000		ig: Free Run Avg Hold: 50 Iten: 30 dB	Frequency						
TO dBlodiv Ref 30.00 dB	Ref Offset 14.4 dB Ref 30.00 dBm								
1007 1007				Center Freq 1.777500000 GHz					
and and	/		- MA						
401									
Center 1.778 GHz #Res BW 100 kHz	11 1	#VBW 300 kHz	Span 10 MHz Sweep 5 ms	CF Step 1 000000 MHz					
Occupied Bandwid		Total Power	30.3 dBm	Auto: Man					
4. Transmit Freq Error x dB Bandwidth	4877 MHz 628 Hz 4.902 MHz	% of OBW Power	99.00 % -26.00 dB	Freq Offset 0 Hz					
Aut .			Mans.						

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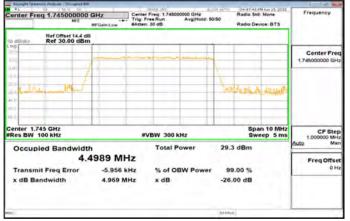
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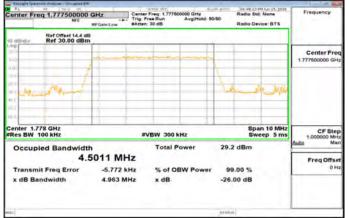
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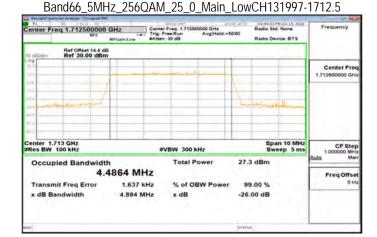




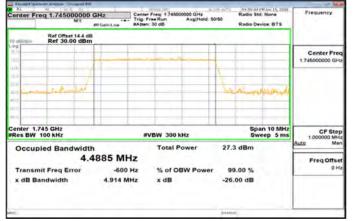
Band66_5MHz_64QAM_25_0_Main_MidCH132322-1745

Band66_5MHz_64QAM_25_0_Main_HighCH132647-1777.5





Band66_5MHz_256QAM_25_0_Main_MidCH132322-1745



Band66_5MHz_256QAM_25_0_Main_HighCH132647-1777.5

Except to Destroit Analyse - Occupent Div	r	T GENERAL	A DE AVE	04 30 SET 10		-
Center Freq 1.777500000	GH2	Center Freq 1.777500000 Trig: Free Run Av #Amen: 30 dB	Radio Std: No Radio Device	one	Frequency	
Ref Offset 14.4 di Ref 30.00 dBm						
1007 1007 1001			-			Center Free 777500000 GH
- manep wind			L		u	
					-	
Center 1.778 GHz Res BW 100 kHz		#VBW 300 kHz			0 MHz 5 ms	CF Step
Occupied Bandwidt	h	Total Pow	er 27.	3 dBm	Aud	12 Mar
4.	4877 MH	Iz				Freq Offse
Transmit Freq Error	-1.198 k	Hz % of OBW	Power 9	9.00 %		0 H
x dB Bandwidth	4,912 M	Hz xdB	-26	i.00 dB		
ed.			13444	ia,		

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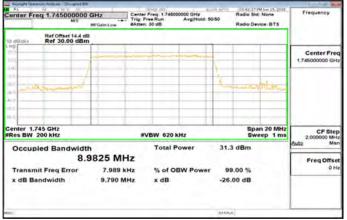
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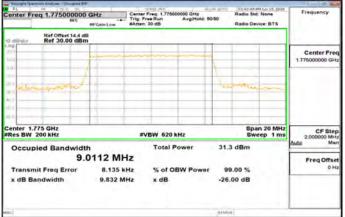
Band66_10MHz_QPSK_50_0_Main_LowCH132022-1715

Asymptot Speci	num Analyter - Charge at PW		and the	4124.6510	103-90-45 PH No. 15	1 2
Center Fre	Frequency S					
(0. dB/div	Ref Offset 14.4 dB Ref 30.00 dBm					1
1000 0.00				-		Center Free 1.715000000 GH
	and t			1	- deriver	
40.0 10.0						-
Center 1.7 #Res BW	15 GHz 200 kHz		#VBW 620 kHz	11	Span 20 f Sweep 1	ms 2.000000 MH
Occup	led Bandwidth		Total Power	0 dBm	Auto Mar	
	8.3 it Freq Error indwidth	9927 MHz 7.332 kHz 9.806 MHz	% of OBW Pov x dB		9.00 % .00 dB	Freq Offse 0H
-				17.65	4)-	

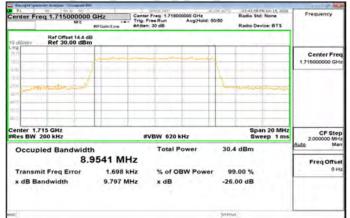


Band66_10MHz_QPSK_50_0_Main_MidCH132322-1745

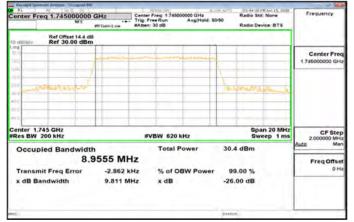
Band66_10MHz_QPSK_50_0_Main_HighCH132622-1775



Band66_10MHz_16QAM_50_0_Main_LowCH132022-1715



Band66_10MHz_16QAM_50_0_Main_MidCH132322-1745



Band66_10MHz_16QAM_50_0_Main_HighCH132622-1775

Keynepit Speetraler Anaroue - Okraspeet B	W.	T GEMIN INT			PH her 15, 2578			
Center Freq 1.77500000	MFGainLon		Center Freq 1.775000000 GHz Trig: Free Run Avg/Hold: 50/50 #Atten: 30 dB			Frequency		
TO dB/div Ref 30.00 dB					1	1		
20.0				1		Center Freq 1.775000000 GHz		
million and market				1	-			
401								
Center 1.775 GHz #Res BW 200 kHz		#VBW 620	KHZ		an 20 MHz eep 1 ms	CF Step 2.000000 MHz		
Occupied Bandwid			Power	30.4 dBm		Auto Ma		
8 Transmit Freq Error x dB Bandwidth	.9574 MH -2.521 k 9.754 M	Hz % of C	DBW Power	99.00 % -26.00 dB		Freq Offset 0 Hz		
March .				344815				

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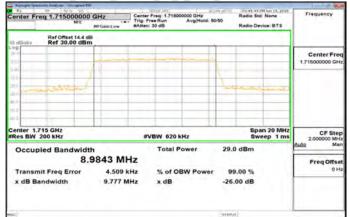
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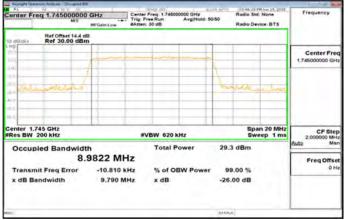
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Band66_10MHz_64QAM_50_0_Main_LowCH132022-1715



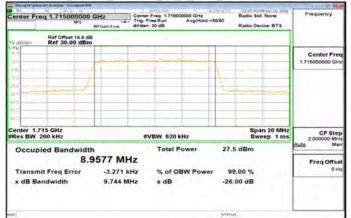


Band66_10MHz_64QAM_50_0_Main_MidCH132322-1745

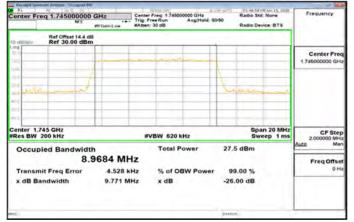
Band66_10MHz_64QAM_50_0_Main_HighCH132622-1775

Center Fre	q 1.775000000		Center Freq: 1.77 Trig: Free Run #Atten: 30 dB		0:50	Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 14.4 dB Ref 30.00 dBm			· · · · ·			
100 200							Center Fred 1.775000000 GH
0.05 0.0	1				1	- Adding	
201 V. 40 PM	hirsten			_		- marginar	
64.4		-					
Res BW			#VBW 62	0 KHZ		Span 20 MHz Sweep 1 ms	CF Step 2.000000 MH
Occup	ed Bandwidth		1.4.144	Power	29.1	dBm	Auto Mar
-		708 MH					Freq Offset
	it Freq Error ndwidth	8.188 kH 9.836 MH		OBW Power		0.00 % 00 dB	
					REATO		

Band66_10MHz_256QAM_50_0_Main_LowCH132022-1715



Band66_10MHz_256QAM_50_0_Main_MidCH132322-1745



Band66_10MHz_256QAM_50_0_Main_HighCH132622-1775

Gaynet 1 and	traits Anagour -Occupient BW					-			2 10
Center Fre	eq 1.775000000	GH2	Center Fr	Center Freq 1.776000000 GHz Trig: Freq Bun Avg[Hold:>50/50 #Atten: 30 dB			Radio Sta	d: None nvice: DTS	Frequency
10 dB/div	Ref Offset 14.4 dE Ref 30.00 dBm					_		1	
80.0 1000 1000			-						Center Freq 1.775000000 GHz
484 489	and the					J.			
400									
Center 1.7 #Res BW			#VE	W 620 1	kHz			an 20 MHz eep 1 ms	CF Step 2.000000 MHz
Occup	ied Bandwidt			Total P	ower	27.3	3 dBm		Audio: Man
	8.9550 M Transmit Freq Error -2 x dB Bandwidth 9.797		Hz % of OBW Power			99.00 % -26.00 dB			Freq Offset 0 Hz
Mini-						1,04404			

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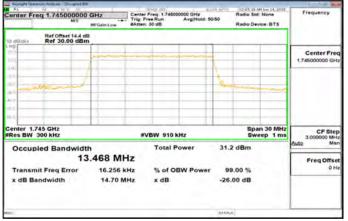
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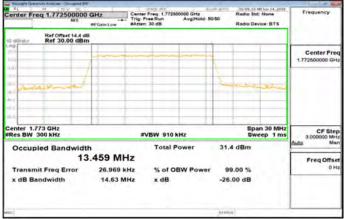
Band66_15MHz_QPSK_75_0_Main_LowCH132047-1717.5

Asymptotipact	Intern Analyter - Chargered PW				ating .	102:04:48 AM 1		1 10 00
Center Fre	ng 1.717500000	GHz MFGain Low		Center Freq: 1.717500000 GHz Trig: Free Run AvgiHold: 50/50		Radio Stat: N	Radio Std: None Frequence Radio Device: BTS	
(O. dEl/div	Ref Offset 14.4 de Ref 30.00 dBm							
1000- 0.00								Center Free 1.717500000 GH
10	-				1			
As. 11								
Center 1.7 IRes BW 3			#VBW 910	hHz			30 MHz p 1 ms	CF Step 3 000000 MH
Occup	led Bandwidt			Power	31.4	dBm		Auto Mar
	13	.466 MH	z					Freq Offse
	it Freq Error	18.043 ki		OBW Power		.00 %		он
					20.0			
-					arktur			



Band66_15MHz_QPSK_75_0_Main_MidCH132322-1745

Band66_15MHz_QPSK_75_0_Main_HighCH132597-1772.5

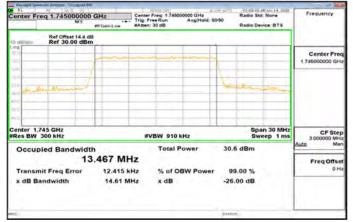


enter Freq 1.717500000 GHz dio Std: None SHD 000 Ref Offset 14.4 d Ref 30.00 dBr Center Fre Center 1.718 GHz Span 30 MHz Sweep 1 ms CF Step VBW 910 kHz 3.0 Total Power 30.6 dBn **Occupied Bandwidth**

Band66_15MHz_16QAM_75_0_Main_LowCH132047-1717.5

13.474 MHz Freq Offse 0+ Transmit Freq Error 14.593 kHz % of OBW Po 99.00 % dB Bandwidth 14.64 MHz x dB -26.00 dB

Band66_15MHz_16QAM_75_0_Main_MidCH132322-1745



Band66_15MHz_16QAM_75_0_Main_HighCH132597-1772.5

Caynight Sparst	nam Anagour - On vapout BW			197		-	-	AH Sec 14, 2528	-	
Center Fre	q 1.772500000 0	SH2	Center Freq 1.772500000 GHz Trig: Free Run AvgiHold: 50/50				Radio St	Std: None Frequency Device: BTS		
10 dBAdiv	Ref Offset 14.4 dB Ref 30.00 dBm				1					
10.01 10.01			-				1		Center Freq 1.772500000 GHz	
10 Å						1 con	Lug-	-		
101										
Center 1.7	73 GHz						So	an 30 MHz		
Res BW			#VB	W 910	kHz			veep 1 ms	CF Step 3 000000 MHz	
Occupi	ied Bandwidth			Total P	ower	30.4	4 dBm		Auto Man	
	13.	457 MH	z						Freq Offset	
Transmi	it Freq Error	8.883 ki	Hz	% of 0	BW Power	91	9.00 %		0 Hz	
x dB Ba	ndwidth	14.64 M	Hz	x dB		-26.	.00 dB			
And .						1,044,04	A.,			

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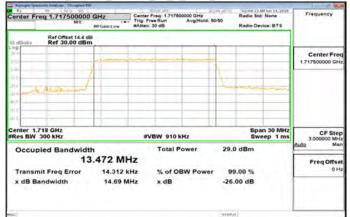
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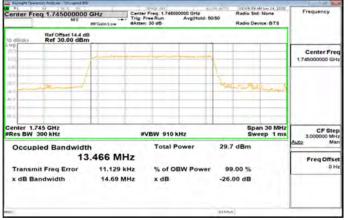
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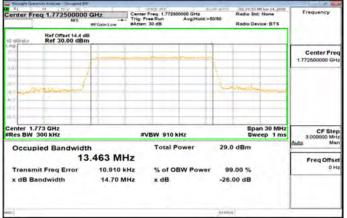
Band66_15MHz_64QAM_75_0_Main_LowCH132047-1717.5

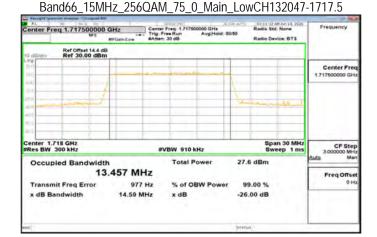




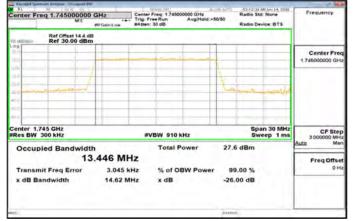
Band66_15MHz_64QAM_75_0_Main_MidCH132322-1745

Band66_15MHz_64QAM_75_0_Main_HighCH132597-1772.5





Band66_15MHz_256QAM_75_0_Main_MidCH132322-1745



Band66_15MHz_256QAM_75_0_Main_HighCH132597-1772.5

Keynepit Speetruits Anarpaie - Occupied Bit	K	T GLADE INV.		4213414	H.S.m. 14, 2528	
Center Freq 1.772500000	GH2 MFGainLos	Center Freq 1.772t Trig: Free Run #Atten: 30 dB	Radio Std N Radio Dev	None	Frequency	
Ref Offset 14.4 di Ref 30.00 dBn					1	
000- 1003-		in term				Center Freq 1.772500000 GHz
Center 1.773 GHz					n 30 MHz	
TRes BW 300 kHz		#VBW 910	kHz		rep 1 ms	CF Step 3 000000 MHG
Occupied Bandwidt		Total	Power	27.5 dBm		Auto: Mar
13	3.444 MH	z				Freq Offset
Transmit Freq Error	1.608 ki	Hz % of C	BW Power	99.00 %		0 Ha
x dB Bandwidth	14.54 M	Hz x dB		-26.00 dB		
Mod				JAMES.		

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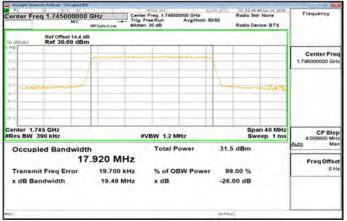
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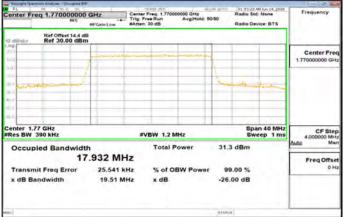
Band66_20MHz_QPSK_100_0_Main_LowCH132072-1720

Center Fre	q 1.720000000		Center Freq 1.7200 Trig: Free Run KAtter: 30 dB	AvgiHold 50	A 150	Radio Device: BTS		Frequency
(0. dilivativ	Ref Offset 14.4 die Ref 30.00 dBm							
1000 0.00								Center Fred 1.729000000 GH
-	and -				June		_	
10 I							-	
Center 1.7 Res BW 3			#VBW 1.2	WHZ		Span 40 Sweep	1 ms	CF Step 4.000000 MH
Occupi	ed Bandwidt			Total Power 31.6 dBm				Auto Mar
	17	.936 MHz	2					Freq Offset
	it Freq Error ndwidth	20.658 kH 19.50 MH		BW Power	99.0 -26.00		1	0 Ha
					WT N PUE			

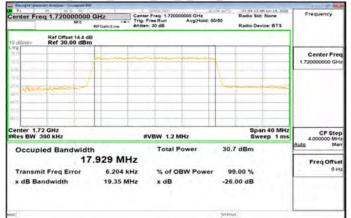


Band66_20MHz_QPSK_100_0_Main_MidCH132322-1745

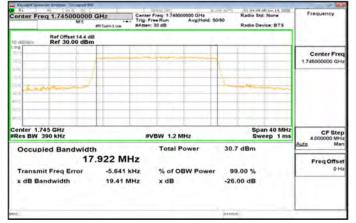
Band66_20MHz_QPSK_100_0_Main_HighCH132572-1770



Band66_20MHz_16QAM_100_0_Main_LowCH132072-1720



Band66_20MHz_16QAM_100_0_Main_MidCH132322-1745



Band66_20MHz_16QAM_100_0_Main_HighCH132572-1770

Saysept 1 auto	nam Anagoan - On vagaat EW							AM Jun 14, 2020	
Center Fre	q 1.770000000	GH2	Center F	e Run			Radio St		Frequency
10 dB/div	Ref Offset 14.4 dB Ref 30.00 dBm		_						
1009 1009 1000									Center Fred 1.770000000 GH
ma						Jahr			
400							-		
Center 1.7			#VE	3W 1.2 N	NHZ			an 40 MHz eep 1 ms	CF Ster
Occupi	ied Bandwidth			Total P	ower	30.5	dBm	-	Auto: Mar
	17 it Freq Error ndwidth	10.031 k 19.38 M	Hz	% of O x dB	BW Power		00 % 00 dB		Freq Offse 0 Ho
ec.						DAMES			

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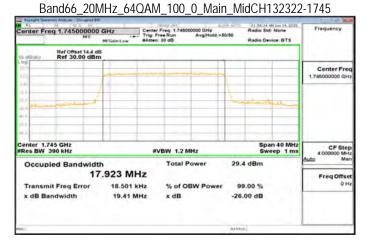
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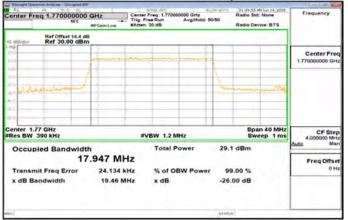


Band66_20MHz_64QAM_100_0_Main_LowCH132072-1720

Center Fre	q 1.720000000	Griz Tr	nter Freq 1 7200 g: Free Run tter: 30 dB	AvgiHold 50	Ra 150	Radio Stat: None Freq Radio Device: BTS	
(0. dB/div	Ref Offset 14.4 dB Ref 30.00 dBm						
1000- 0.00							Center Fred 1.720000000 GH
	and the second		_		140	- Marrier	
10.1							
Center 1.7			#VBW 1.21	AHZ		Span 40 MHz Sweep 1 ms	CF Step 4.000000 MH
Occupi	ed Bandwidt		Total Power 29.3 dBm				Auto Mar
		.936 MHz					FreqOffse
Transmi x dB Ba	it Freq Error ndwidth	20.776 kHz 19.56 MHz	% of O x dB	BW Power	99.00 -26.00		04
-					WARKS		



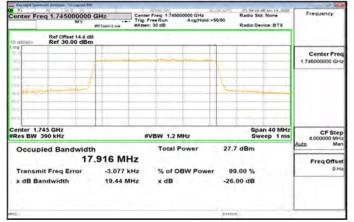
Band66_20MHz_64QAM_100_0_Main_HighCH132572-1770



enter Freq 1.720000000 GHz STORAH MAN 14 NOD GHE Ref Offset 14.4 c Center Fre Center 1.72 GHz Span 40 MHz CF Step VBW 1.2 MH 4.00 Total Power 27.8 dBn **Occupied Bandwidth** 17.924 MHz Freq Offse 0+ Transmit Freq Error 3.623 kHz % of OBW Po 99.00 % dB Bandwidth 19.25 MHz x dB -26.00 dB

Band66_20MHz_256QAM_100_0_Main_LowCH132072-1720

Band66_20MHz_256QAM_100_0_Main_MidCH132322-1745



Band66_20MHz_256QAM_100_0_Main_HighCH132572-1770

Cayneght 1 part	nath Anagore -Occupient BW						-		
Center Fre	ng 1.770000000 0	GHZ NFGainLow	Center Free Run AvgiHold:>50:50 #Atten: 30 dB			Radio St	MAN 14, 2020 d: None tvice: BTS	Frequency	
VID/ED 01	Ref Offset 14.4 dB Ref 30.00 dBm	_							
100 100							-		Center Freq 1.770000000 GHz
	tund t					Le	1		
420			_						
Center 1.7			IVE	W 1.2 N	AH2			an 40 MHz /eep 1 ms	CF Step
Occup	ied Bandwidth	C		Total P		27.7	dBm		Auto Man
	17.	925 MH	z						Freq Offset
	it Freq Error Indwidth	-4.565 k 19.37 M		% of O x dB	BW Power		00 dB		0 Hz
week.						1,044,044			

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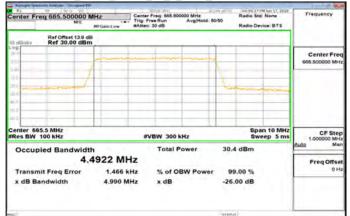
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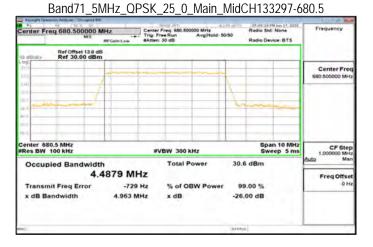
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Band71_5MHz_QPSK_25_0_Main_LowCH133147-665.5





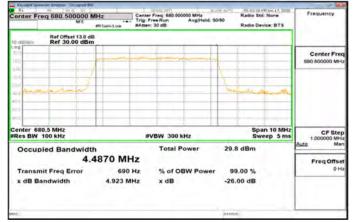
Band71_5MHz_QPSK_25_0_Main_HighCH133447-695.5



Band71_5MHz_16QAM_25_0_Main_LowCH133147-665.5



Band71_5MHz_16QAM_25_0_Main_MidCH133297-680.5



Band71_5MHz_16QAM_25_0_Main_HighCH133447-695.5

Except of 1 parts	nate Analysis -Oncapient BW			100					
Center Fre	eq 695.500000 M M L	MTGainLon	Center Freq. 895.500000 MHz Radio Std: None					Frequency	
10 dB/div	Ref Offset 13.8 dB Ref 30.00 dBm								
100 100 100			-			t İ			Center Freq 695 500000 MHz
	hund						a 6.		
403			_						
Center 69			IVB	W 300	kHz	i i	Span 1 Sweep		CF Step
Occup	ied Bandwidth			Total F	ower	29.3 d	Bm		Auto: Man
	4.4	843 MH	z						Freq Offset
	it Freq Error ndwidth	-531 H 4.907 MH		% of O x dB	BW Power	99.0 -26.00			0 Hz
ec.						(MARK.)			

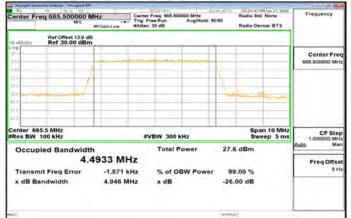
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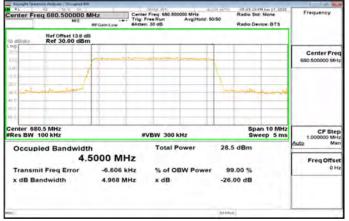
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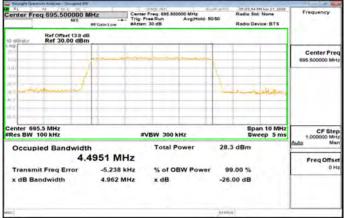
Band71 5MHz 64QAM 25 0 Main LowCH133147-665.5





Band71_5MHz_64QAM_25_0_Main_MidCH133297-680.5

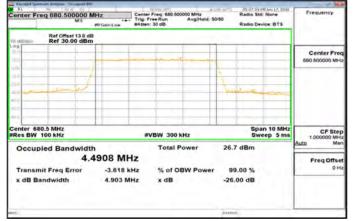
Band71_5MHz_64QAM_25_0_Main_HighCH133447-695.5



enter Freq 665.500000 MHz Radio Std: None NH DOO Ref Offset 13.8 dB Center Fre Span 10 MHz Sweep 5 ms CF Step Center 665.5 MHz Res BW 100 kHz WBW 300 kHz Total Power 26.9 dBn **Occupied Bandwidth** 4.4864 MHz Freq Offse % of OBW Power OH Transmit Freq Error 1.652 kHz 99.00 % dB Bandwidth 4.902 MHz x dB -26.00 dB

Band71_5MHz_256QAM_25_0_Main_LowCH133147-665.5

Band71_5MHz_256QAM_25_0_Main_MidCH133297-680.5



Band71_5MHz_256QAM_25_0_Main_HighCH133447-695.5

# XL	M. Mag oc I		T SEALE JAYS			221110-00117-2020	
Center Fre	eq 695.500000 N	HZ #FG8inLow	Center Freq. 895. Trig: Free Run #Atten: 30 dB	AvgiHold: 50	Std: None Device: BTS	Frequency	
to dBidiv	Ref Offset 13.8 dB Ref 30.00 dBm						
10.0							Center Free 695 500000 MHz
	Lil					-	
101					1		
Center 69			#VBW 30	0 KHZ		pan 10 MHz weep 5 ms	CF Step 1 000000 MH0
Occup	led Bandwidth			Power	26.5 dBm	F	Audio Mar
	4.4	900 MH	z				Freq Offset
Transm	it Freq Error	-2.727 ki	Hz % of	OBW Power	99.00 %		0 Hz
x dB Ba	indwidth	4.919 M	Hz x dB		-26.00 dB		
Acc.					3448-5		

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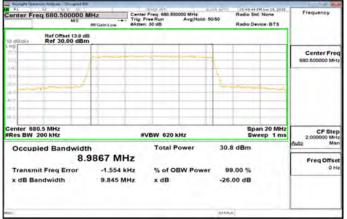
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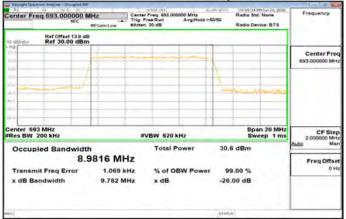
Band71 10MHz QPSK 50 0 Main LowCH133172-668

Kaynght Space	from Analyter - On agreed PW		STOC INT		ALTO DEVESTOR	bella selle P	1 10 00
Center Fre	eq 668.000000 M	-	Center Freq: 668.00 Trig: Free Run Atten: 30 dB	AvgiHeld 501	Radio Stat	None	Frequency
(0. dilivaliy	Ref Offset 13.8 dE Ref 30.00 dBm						
1000 0.00							Center Free 668.000000 MH
						-	
10		1					
10.1							
Res BW			#VBW 620	kHz	Swee	20 MHz ep 1 ms	CF Step 2.000000 MH
Occup	led Bandwidt		Total	Power	30.9 dBm		Auto Mar
Transm	9.0 hit Freq Error	12,483 kH	A	BW Power	99.00 %		Freq Offse
	andwidth	9.853 MH		BW Power	-26.00 dB		
					manut		

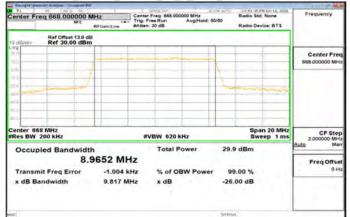


Band71_10MHz_QPSK_50_0_Main_MidCH133297-680.5

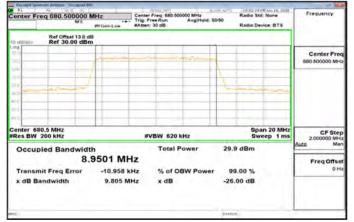
Band71_10MHz_QPSK_50_0_Main_HighCH133422-693



Band71_10MHz_16QAM_50_0_Main_LowCH133172-668



Band71_10MHz_16QAM_50_0_Main_MidCH133297-680.5



Band71_10MHz_16QAM_50_0_Main_HighCH133422-693

Kayongkit Speed	truite American -Occupient BW		T SM		7 61		110-42-51	VIN Jun 14, 2528	
Center Fre	eq 693.000000 N		Center Freq 893.000000 MHz Radio S Trig: Free Run Avg/Hold: 50/50				Radio St		Frequency
VD dB/div	Ref Offset 13.9 dB Ref 30.00 dBm								
			-						Center Freq 693.000000 MHz
	here					Lan		au	
401 (01									
Center 69 #Res BW			#VBV	N 620 1	KHZ			an 20 MHz veep 1 ms	CF Step 2.000000 MHz
Occup	ied Bandwidth			Total P	ower	29.8	dBm		Auto Man
	8.5 hit Freq Error andwidth	-9.171 ki 9.777 Mi	tz 1	% of O	BW Power		.00 % 00 dB		Freq Offset 0 Hz
80									

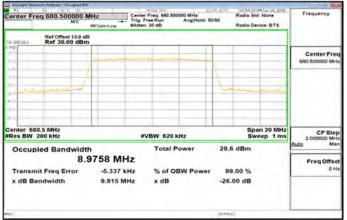
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Band71 10MHz 64QAM 50 0 Main LowCH133172-668

Center Fre	q 668.000000 M	IHz MFGainLow	Center Freq. 668.00 Trig: Free Run #Atten: 30 dB	AvgiHold 50:50	Radio Std: None Radio Device: BTS	Frequency
(0. dB/div	Ref Offset 13.9 dB Ref 30.00 dBm					
1000- 0.00						Center Fred
10 A				1	100 100	
					and and a second	
Center 668 Res BW 2			#VBW 620	kHz	Span 20 MHz Sweep 1 ms	CF Step
Occupi	ed Bandwidth		Total F	Power 27	.8 dBm	Auto Mar
Transmi x dB Ba	t Freq Error	3.052 ki 9.809 Mi	Hz % of O		99.00 % 5.00 dB	Freq Offse 0 H
				17.01	ut l	

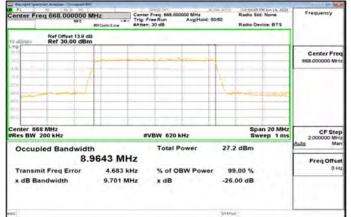


Band71_10MHz_64QAM_50_0_Main_MidCH133297-680.5

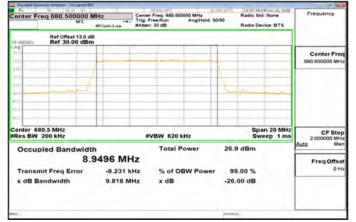
Band71_10MHz_64QAM_50_0_Main_HighCH133422-693

Second Sec	Norm Analysis - Designed BW			141.50		UPA ALTO	Trouble of	1 PH hep 18, 2020	10 100
Center Fr	eq 693.000000 N	IHz MFGain1.cw	Center Fr Trig: Fre	Center Freq: 693.000000 MHz			Radio 5	itd None Invice BTS	Frequency
10 allially	Ref Offset 13.8 dB Ref 30.00 dBm	2							
1010 1010									Center Free 693 D00000 MH
	-			_		1		-	
Apg				-					
Center 69			#VE	SW 6201	KHZ	1		oan 20 MHz weep 1 ms	CF Ster
Occup	ied Bandwidth 8.9	868 MH	Iz	Total P	ower	28.	6 dBm		Auto Mar
	hit Freq Error andwidth	-3,828 k 9.834 M	Hz	% of O x dB	BW Power		9.00 % .00 dB		OH
00						87570	4		

Band71_10MHz_256QAM_50_0_Main_LowCH133172-668



Band71_10MHz_256QAM_50_0_Main_MidCH133297-680.5



Band71_10MHz_256QAM_50_0_Main_HighCH133422-693

Exyspirit I part	num Anamar Onwanat BW					A Arro		PM free 14, 2528	
Center Fre	q 693.000000 M	HZ	Center Freq: 893.000000 MHz			Radio St		Frequency	
to dBidiv	Ref Offset 13.8 dB Ref 30.00 dBm			-	_	_		1	
1000 1000			-						Center Freq 693.000000 MHz
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						X			
101									
Center 69			#VB	W 620 H	cHz			an 20 MHz eep 1 ms	CF Step 2.000000 MHz
Occup	ied Bandwidth			Total P	ower	26.7	7 dBm		Audo: Man
	8.9 it Freq Error indwidth	-7.631 ki 9.774 Mi	Hz	% of Ol x dB	BW Power		9.00 % 00 dB		Freq Offset 0 Hz
And .						()AABA	A		

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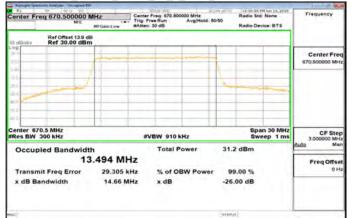
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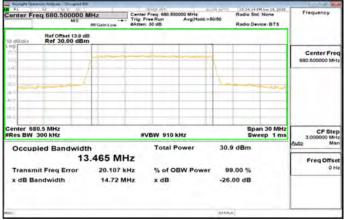
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t (886-2) 2299-3279

Band71_15MHz_QPSK_75_0_Main_LowCH133197-670.5



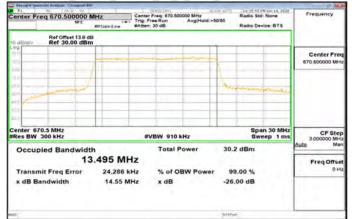


Band71_15MHz_QPSK_75_0_Main_MidCH133297-680.5

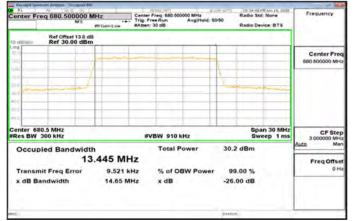
Band71_15MHz_QPSK_75_0_Main_HighCH133397-690.5

Ansight Saw	Num Analyse - Designed BW				4104400	10:24 58 PH her 14, 2020	0.00
Center Fre	eq 690.500000 M	MFGain Low	Center Freq: 690.500000 MHz Trig: Free Run AvgiHold: 50/50 #Atten: 30 dB			Radio Std None Radio Device BTS	Frequency
10 dBVdiv	Ref Offset 13.8 dB Ref 30.00 dBm						
1010 1010		4	-		-		Center Free 690 500000 MHz
	mant		_		1 ju	and with a	
Art							
Center 69			#VBW	910 kHz		Span 30 MHz Sweep 1 ms	
Occup	ied Bandwidth			tal Power	30.	5 dBm	Auto Mar
	13	463 MH	z				Freq Offset
	hit Freq Error Andwidth	7.517 ki 14.77 Mi	1.0	of OBW Pov dB		9.00 % 00 dB	0 H
0					87470	6	

Band71_15MHz_16QAM_75_0_Main_LowCH133197-670.5



Band71_15MHz_16QAM_75_0_Main_MidCH133297-680.5



Band71_15MHz_16QAM_75_0_Main_HighCH133397-690.5

Raysophit Spars	Main Analyse - Okuspert BW			Mile JW		A AUTO	10.37(22)	W.Set 16, 2528		
Center Fri	eq 690.500000 M NFE	HZ #FGSIELO#	Center Freq 880 500000 MHz Radio Std: None Trig: Free Bun Avg/Hold: 50/50 Radio Device: BTS						Frequency	
to dBidiv	Ref Offset 13.8 dB Ref 30.00 dBm							1		
100 100				-					Center Freq 690 500000 MHz	
4	- I				_	Ł	-			
401										
Center 69 #Res BW			#V	BW 910	kHz			in 30 MHz eep 1 ms	CF Step	
Occup	ied Bandwidth			Total F	ower	29.1	8 dBm		Auto Man	
	13. hit Freq Error andwidth	.461 MH -85 14.60 M	Hz	% of O x dB	BW Power		9.00 % .00 dB		Freq Offset 0 Hz	
40										

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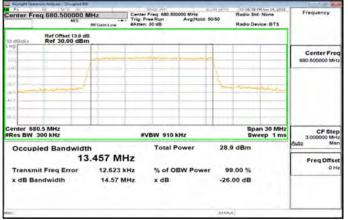
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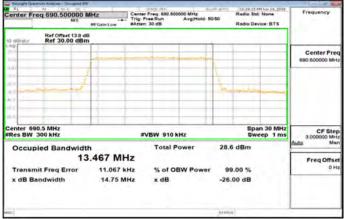
Band71_15MHz_64QAM_75_0_Main_LowCH133197-670.5

Center Fre	q 670.500000 M	-	Center Freq 670.5 Trig: Free Run KAtten: 30 dB	AvgiHeld 501	Radio Device I		Frequency	
(0. dilivaliy	Ref Offset 13.8 di Ref 30.00 dBm							
1000 0.00							Center Free 670.500000 MHz	
	-				La mar			
Center 670 #Res BW 3			#VBW 910	kHz	Span 30 Sweep	0 MHz 1 ms	CF Step 3.000000 MHz	
Occupi	ed Bandwidt			Power	28.4 dBm		Auto Mar	
Transmi x dB Bar	t Freq Error	24.299 kH 14.70 MH	z % of C	DBW Power	99.00 % -26.00 dB		Freq Offse 0 H	
-					STARUS .	-		



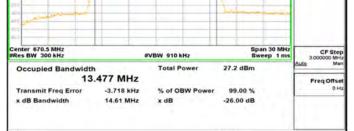
Band71_15MHz_64QAM_75_0_Main_MidCH133297-680.5

Band71_15MHz_64QAM_75_0_Main_HighCH133397-690.5

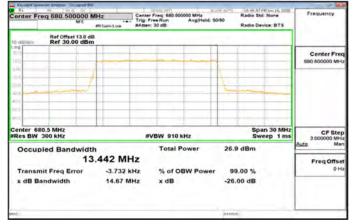


enter Freq 670.500000 MHz to Std: None Ref Offset 13.8 d Ref 30.00 dBr Center Fr

Band71_15MHz_256QAM_75_0_Main_LowCH133197-670.5



Band71_15MHz_256QAM_75_0_Main_MidCH133297-680.5



Band71_15MHz_256QAM_75_0_Main_HighCH133397-690.5

R	Mr. Million Polyagent B			Ann 1971				N.S.H. 16, 2520	Frequency
Center Fre	q 690.500000 NFE	MHZ MFGainLow	Center Freq 880 500000 MHz Trig: Free Run Avg/Hold: 50/50 #Atten: 30 dB			0/50	ladio Std. Ladio Dev		Frequency
to dBidiv	Ref Offset 13.9 c Ref 30.00 dB							1	
1007									Center Fre 590 500000 MH
- 0-		1				Y			
						here			
60 S			_	-			_	-	
Res BW 3			#VI	BW 9101	dHz			n 30 MHz ep 1 ms	CF Ste 3.000000 MH
Occupi	ed Bandwid			Total P	ower	26.7 d	Bm		Aude Ma
		3.455 MH							Freq Offse
	it Freq Error ndwidth	-15.758 k 14.68 M		% of O x dB	BW Power	99.0 -26.00			
ed.						Mann.			

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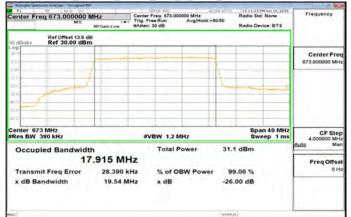
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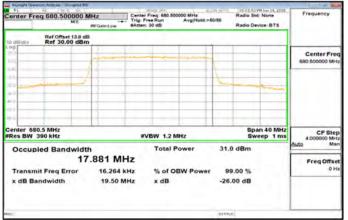
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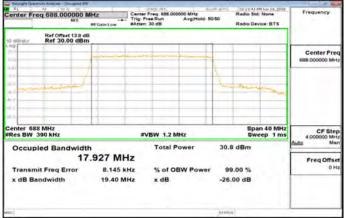
Band71_20MHz_QPSK_100_0_Main_LowCH133222-673



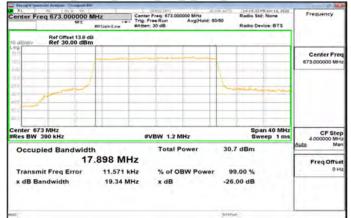


Band71_20MHz_QPSK_100_0_Main_MidCH133297-680.5

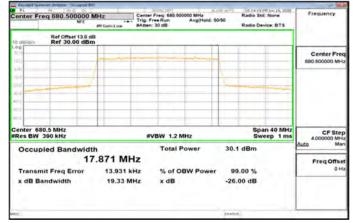
Band71_20MHz_QPSK_100_0_Main_HighCH133372-688



Band71_20MHz_16QAM_100_0_Main_LowCH133222-673



Band71_20MHz_16QAM_100_0_Main_MidCH133297-680.5



Band71_20MHz_16QAM_100_0_Main_HighCH133372-688

RL .	ME. BUR POI	in the second		100 Jack		IN AITD		Hora 16, 2528	Frequency
Center Fre	NFL 000000	MH2 #FGainLow	Center Freq 535.000000 MHz Trig: Free Run Avg/Hold: 50/50 #Atten: 30 dB				Radio De	I: None vice: BTS	Frequency
to dBidiv	Ref Offset 13.8 d Ref 30.00 dBr		_					1	
10.01 10.01		-					-		Center Free 688.000000 MHz
						1	-		
101									
40.0						-	-		
Center 68			#VE	W 1.2 M	NHz			eep 1 ms	CF Step 4,000000 MHG
Occup	ied Bandwidt	th		Total P	ower	30.0) dBm		Auto Mar
	17	7.914 MH	Iz						Freq Offset
Transm	it Freq Error	-11.211 k	Hz	% of 0	BW Power	99	.00 %		0 Hz
x dB Ba	indwidth	19.33 M	Hz	x dB		-26.	00 dB		
Med.									

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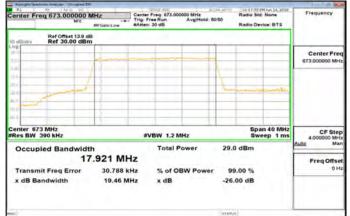
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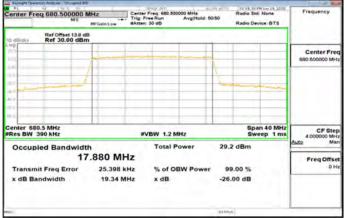
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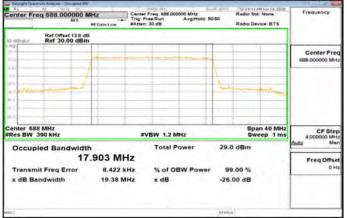
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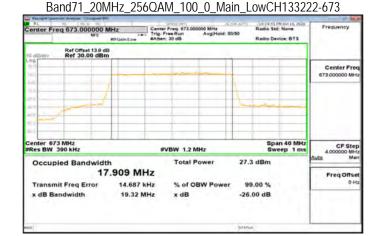




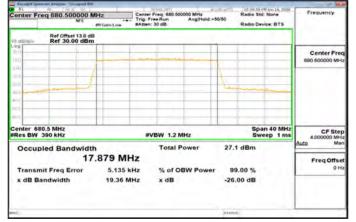
Band71_20MHz_64QAM_100_0_Main_MidCH133297-680.5

Band71_20MHz_64QAM_100_0_Main_HighCH133372-688

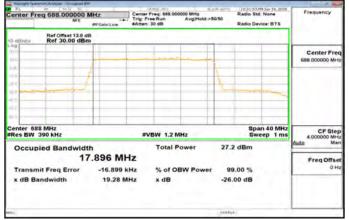




Band71_20MHz_256QAM_100_0_Main_MidCH133297-680.5



Band71_20MHz_256QAM_100_0_Main_HighCH133372-688



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8 OUT OF BAND EMISSION AT ANTENNA TERMINALS

8.1 Standard Applicable

FCC §22.917(a), §24.238(a), §27.53(h), §90.691

RSS-130 §4.7, RSS-132 §5.5, RSS-133 §6.5.1, RSS-139 §6.5, 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 LTE B30

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:

FCC §27.53(c) for LTE B13

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 following: (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(c) (5) & FCC §27.53(g) for LTE B12, 13, 71

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.

ISED RSS-130 §4.7.1 for LTE B12, 13, 71

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 for LTE B13

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.

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FCC §27.53(h)(3) for LTE B4, 66

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. 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.

RSS-139 §6.6 for LTE B4, 66

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 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.

FCC §27.53(m) (4) (6) for LTE B7, 38, 41

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.

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RSS-199 §4.5 for LTE B7, 38, 41

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 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 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 LTE B30

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 for LTE B26

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

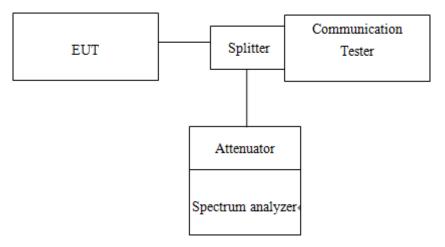
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8.2 Test SET-UP



8.3 Measurement Procedure

8.3.1 Conducted Emission

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.

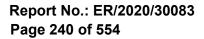
8.3.2 Band Edge

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

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8.4 **Measurement Equipment Used**

2/3G

Conducted Emission (measured at antenna port) Test Site							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.		
PXA Spectrum		NUMBER					
Analyzer	Agilent	N9030A	MY53120760	04/21/2020	04/20/2021		
DC Power Supply	Agilent	E3640A	MY40000811	12/23/2019	12/22/2020		
Radio Communication Analyzer	Anritsu	MT8815B	6200711454	04/01/2020	03/31/2021		
Attenuator	Mini-Circuit	BW-S10W2+	2	01/02/2020	01/01/2021		
DC Block	Mini-Circuits	BLK-18-S+	1	01/02/2020	01/01/2021		
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-018	01/02/2020	01/01/2021		

4G

Conducted Emission (measured at antenna port) Test Site								
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
PXA Spectrum Analyzer	Agilent	N9030A	MY53120760	04/21/2020	04/20/2021			
Radio Communication Analyzer	Anritsu	MT8821C	6261786084	01/18/2020	01/17/2021			
Attenuator	Mini-Circuit	BW-S10W2+	2	01/02/2020	01/01/2021			
DC Block	Mini-Circuits	BLK-18-S+	1	01/02/2020	01/01/2021			
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-018	01/02/2020	01/01/2021			

8.5 **Measurement Result:**

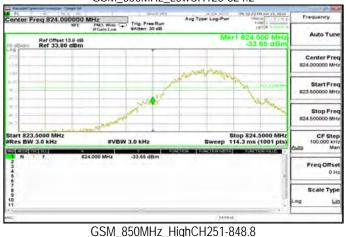
Refer to next pages.

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Band Edge GSM 850MHz LowCH128-824.2



anter Freq 849,000000 MHz N/L PNC Wee C Trig Free Bur sitter: 30 dB Avg Type: Log-P Auto Tu Ref Offset 13.8 dB Ref 33.80 dBm Center Fr Stop Fr tart 848.5000 MHz Res BW 3.0 kHz Stop 849.5000 MH eep 114.3 ms (1001 pts CF Ste #VBW 3.0 kHz Freq Offse 01 Typ

LowCH128-824.2 GPRS_850MHz



GPRS_850MHz__HighCH251-848.8



EDGE_850MHz_LowCH128-824.2



EDGE_850MHz__HighCH251-848.8 Inter Freq 849,000000 MHz INFE Phil Wide - Trig: Free Run Matter: 30 dB Auto Tu 849.000 M -39.73 d Ref Offset 13.8 dl Ref 33.80 dBm Center Fre Start Fre Stop Fr 848.5000 MH Stop 849.5000 MH Sweep 114.3 ms (1001 pt CF Ste VBW 3.0 kH Freq Offs Scale Typ

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SGS Taiwan Ltd.



GSM_1900MHz_LowCH512-1850.2









GPRS_1900MHz_HighCH810-1909.8



EDGE_1900MHz_LowCH512-1850.2



EDGE_1900MHz_HighCH810-1909.8



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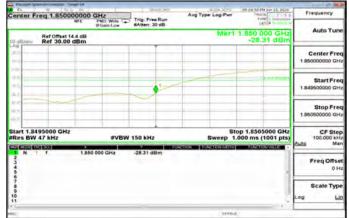
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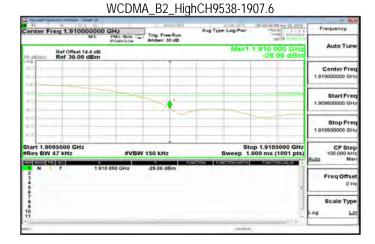
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WCDMA_B2_LowCH9262-1852.4





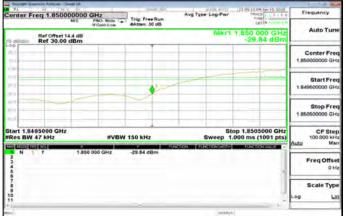




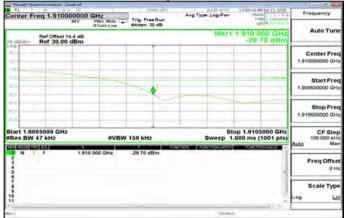
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HSUPA_B2_LowCH9262-1852.4



HSUPA_B2_HighCH9538-1907.6



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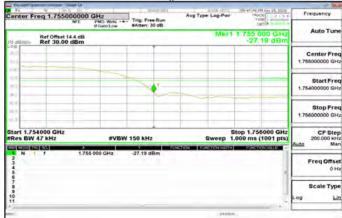
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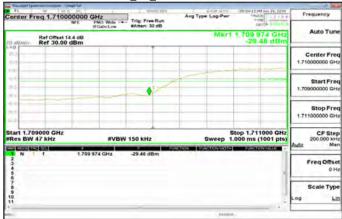
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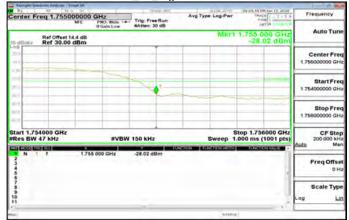


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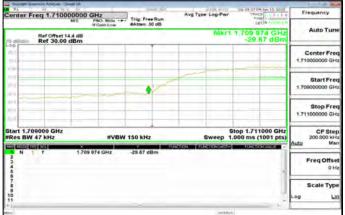
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HSDPA_B4_HighCH1513-1752.6



HSUPA_B4_LowCH1312-1712.4



HSUPA_B4_HighCH1513-1752.6



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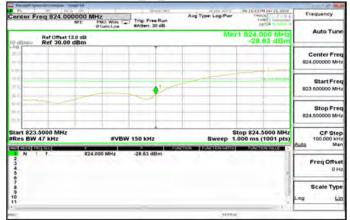
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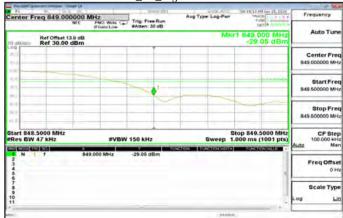
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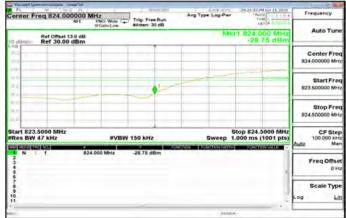
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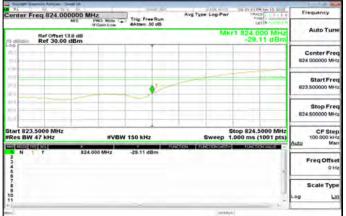
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HSDPA_B5_HighCH4233-846.6



HSUPA_B5_LowCH4132-826.4



HSUPA_B5_HighCH4233-846.6



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LTE\Band2 1 4MHz QPSK 1 0 LowCH18607-1850.7



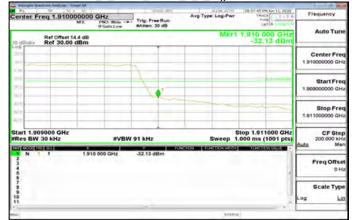


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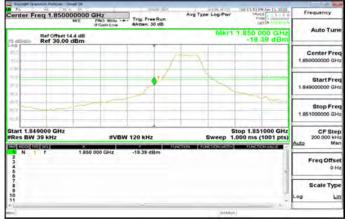
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LTE\Band2_3MHz_QPSK_1_0_LowCH18615-1851.5



LTE\Band2_3MHz_QPSK_1_14_HighCH19185-1908.5



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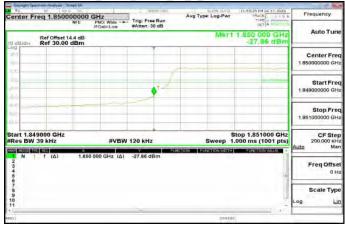
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LTE\Band2_3MHz_QPSK_15_0_LowCH18615-1851.5





LTE\Band2_3MHz_QPSK_15_0_HighCH19185-1908.5

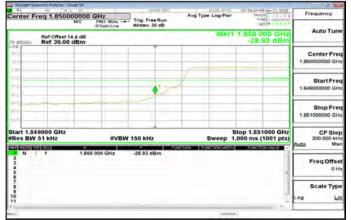
LTE\Band2_5MHz_QPSK_1_0_LowCH18625-1852.5

Center Freq 1.8500000	IOD GHz	Avg Type Log-Pwr	1743 AD 29 AV 11, 2011	Frequency
Ref Offset 14.4 c	If Galls: Low #Atten: 30 dB	Mkr1	1.850 000 GHz -22.48 dBm	Auto Tuni
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Start 1.849000 GHz #Res BW 51 kHz	øVBW 150 kHz	Sweep 1	top 1.851000 GHz 000 ms (1001 pts)	CF Ste 200,000 kH Auto Ma
N 1 1 1	.850 000 GHz -22.48 dBm	ACTON (FUNCTION HIDTH)	appendent and a	Freq Offse 0 H
6 7 8 9 10 11				Scale Typ
A.S.			1	

LTE\Band2_5MHz_QPSK_1_24_HighCH19175-1907.5



LTE\Band2_5MHz_QPSK_25_0_LowCH18625-1852.5



LTE\Band2_5MHz_QPSK_25_0_HighCH19175-1907.5



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LTE\Band2 10MHz QPSK 1 0 LowCH18650-1855





LTE\Band2_10MHz_QPSK_1_49_HighCH19150-1905

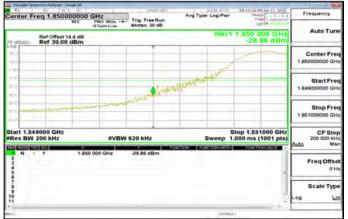
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LTE\Band2_10MHz_QPSK_50_0_HighCH19150-1905



LTE\Band2_15MHz_QPSK_1_0_LowCH18675-1857.5



LTE\Band2_15MHz_QPSK_1_74_HighCH19125-1902.5



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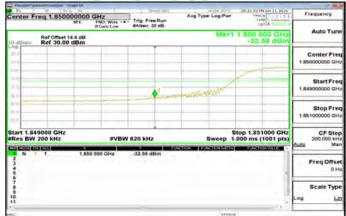
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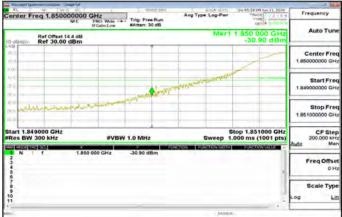
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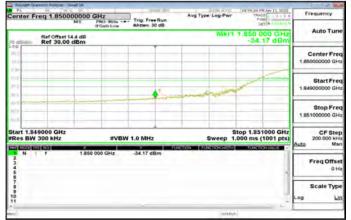
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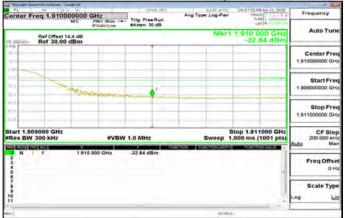




LTE\Band2_20MHz_QPSK_100_0_LowCH18700-1860



LTE\Band2_20MHz_QPSK_100_0_HighCH19100-1900



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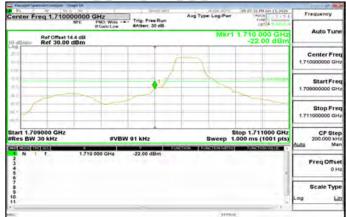
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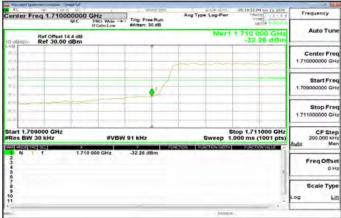
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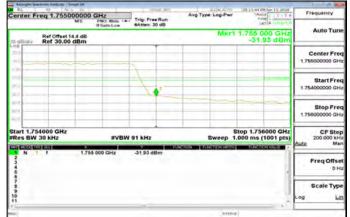


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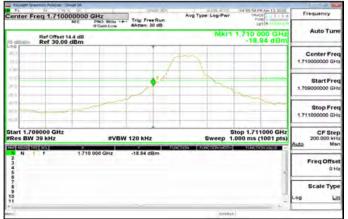
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LTE\Band4_3MHz_QPSK_1_0_LowCH19965-1711.5



LTE\Band4_3MHz_QPSK_1_14_HighCH20385-1753.5



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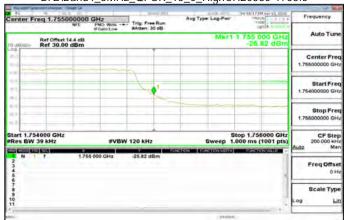
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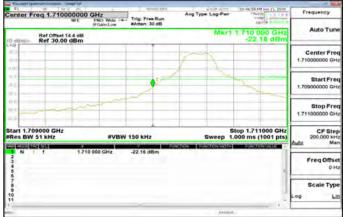
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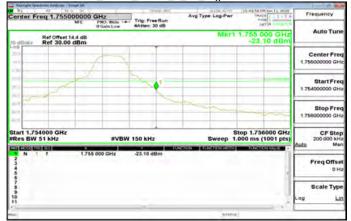


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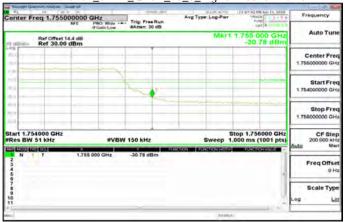
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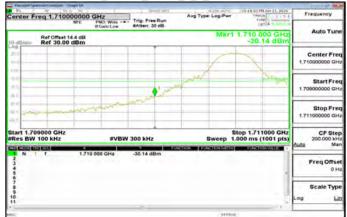
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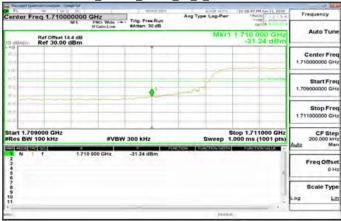
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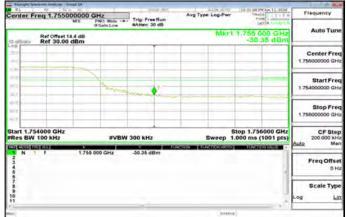


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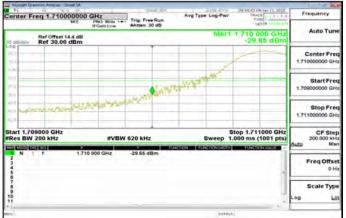




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LTE\Band4_15MHz_QPSK_1_0_LowCH20025-1717.5



LTE\Band4_15MHz_QPSK_1_74_HighCH20325-1747.5



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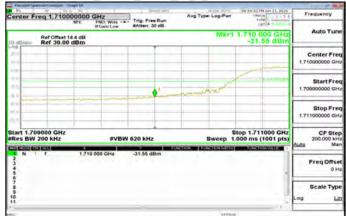
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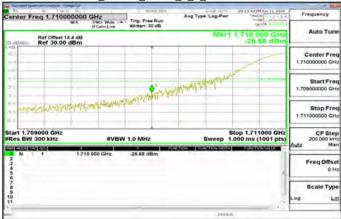
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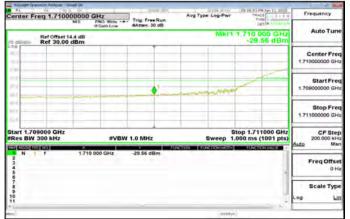
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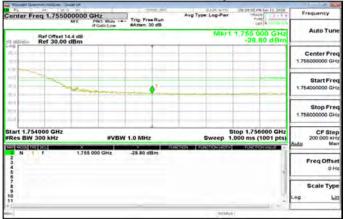




LTE\Band4_20MHz_QPSK_100_0_LowCH20050-1720



LTE\Band4_20MHz_QPSK_100_0_HighCH20300-1745



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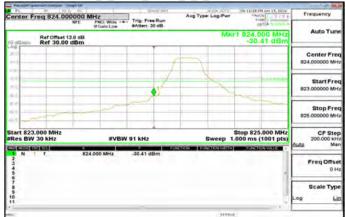
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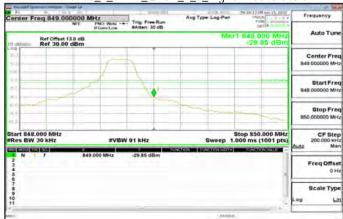
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LTE\Band5_1_4MHz_QPSK_1_0_LowCH20407-824.7





LTE\Band5_1_4MHz_QPSK_1_5_HighCH20643-848.3









LTE\Band5_3MHz_QPSK_1_0_LowCH20415-825.5



LTE\Band5_3MHz_QPSK_1_14_HighCH20635-847.5



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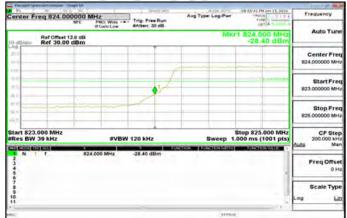
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LTE\Band5_3MHz_QPSK_15_0_LowCH20415-825.5

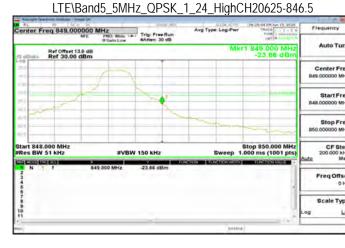




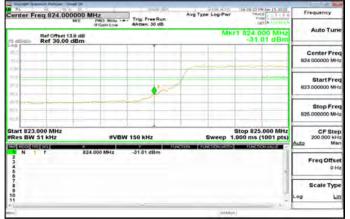
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LTE\Band5_5MHz_QPSK_1_0_LowCH20425-826.5

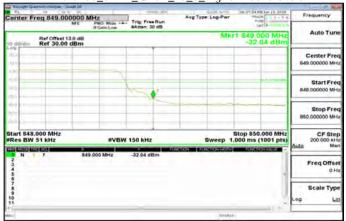




LTE\Band5_5MHz_QPSK_25_0_LowCH20425-826.5



LTE\Band5_5MHz_QPSK_25_0_HighCH20625-846.5



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LTE\Band5_10MHz_QPSK_1_0_LowCH20450-829





LTE\Band5_10MHz_QPSK_1_49_HighCH20600-844

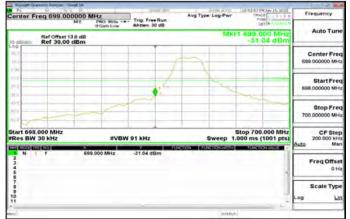
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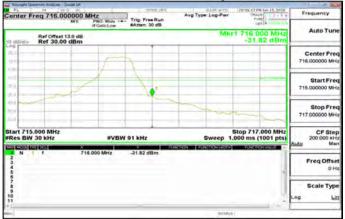
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LTE\Band12_1_4MHz_QPSK_1_0_LowCH23017-699.7



LTE\Band12_1_4MHz_QPSK_1_5_HighCH23173-715.3



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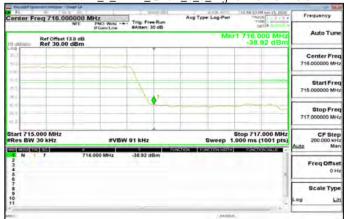
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LTE\Band12_1_4MHz_QPSK_6_0_LowCH23017-699.7





LTE\Band12_1_4MHz_QPSK_6_0_HighCH23173-715.3

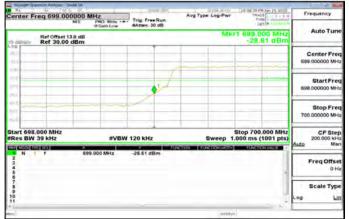
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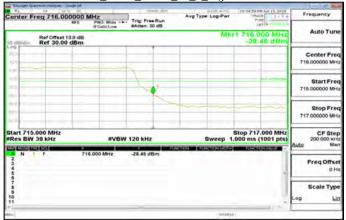
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LTE\Band12_3MHz_QPSK_15_0_HighCH23165-714.5



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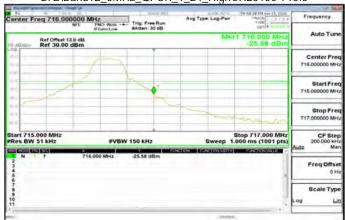
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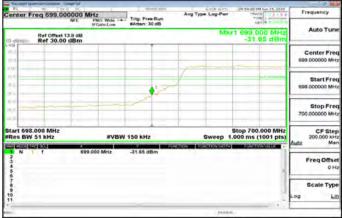
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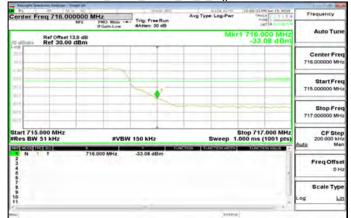


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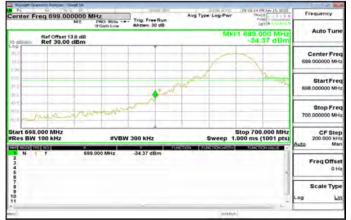
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LTE\Band12_5MHz_QPSK_25_0_HighCH23155-713.5



LTE\Band12_10MHz_QPSK_1_0_LowCH23060-704



LTE\Band12_10MHz_QPSK_1_49_HighCH23130-711



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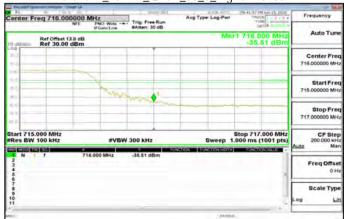
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LTE\Band12 10MHz QPSK 50 0 LowCH23060-704



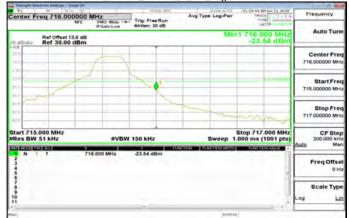


LTE\Band12_10MHz_QPSK_50_0_HighCH23130-711

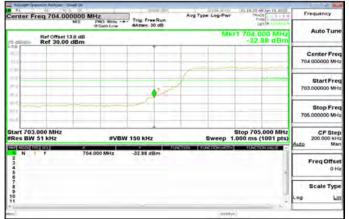
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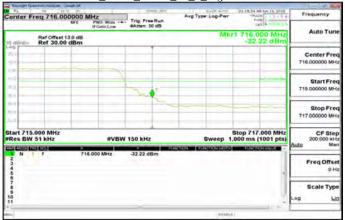
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LTE\Band17_5MHz_QPSK_25_0_LowCH23755-706.5



LTE\Band17_5MHz_QPSK_25_0_HighCH23825-713.5



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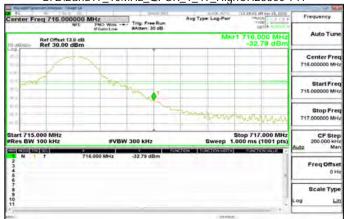
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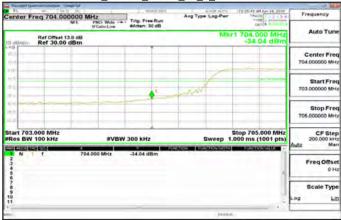
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LTE\Band17_10MHz_QPSK_1_49_HighCH23800-711

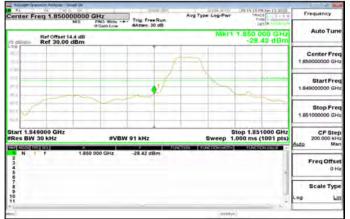
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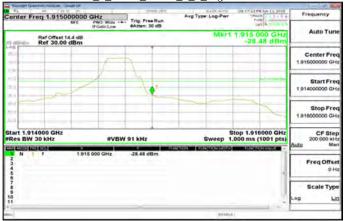
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