

FCC 802.11ac 80MHz CH1 5210MHz

enter Freq	5.210000	0000 GH	łz 👘	Center Fr Trig: Free	eq: 5.21000 Run	0000 GHz Avg Hold	50/50	Radio S	td: None	Frequency
		#IF	Gain:Low	#Atten: 3	0 dB			Radio D	evice: BTS	-
	Ref Offset 1	1 dB								
0 dB/div	Ref 30.00	dBm								
20.0	++-+								_	Center Fre
10.0									_	5.210000000 GH
1.00	-	www.wateric	munit	www.www.	and mar	montenation	-	- There are		
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0.0	1								Hungana	
0.0									1.4A	
0.0										
0.0										
0.0										
enter 5.21									an 100 MHz	
Res BW 82	20 kHz			#VB	SW 2.4 M	IHz		S۱	veep 1ms	10.000000 MH
Occupie	ed Bandy	width			Total P	ower	20.7	dBm		Auto Ma
occupie	a bandy		45 84	-						
		74.9	45 MH	Z						Freq Offse
Transmit	Freq Erro	or	1.939 k	Hz	% of OE	BW Powe	er 99	.00 %		0 H
x dB Ban			82.69 M		x dB		26	00 dB		
		802	2.11a	c 8	OMF	Hz (statu: CH1		290M	Hz
Keysight Spectrum	CC	802	2.11a	c_8	0MF	Hz_(_52	90M	
Keysight Spectrum	m Analyzer - Occu ΙՄ 50 Ω	pied BW DC		SEP	eq: 5.29000	0000 GHz	CH1	_52	9 PM Aug 07, 2018	
Keysight Spectrur R.L	m Analyzer - Occu ΙՄ 50 Ω	DC 000 GH	iz	Center Fr Trig: Free	vse:INT eq: 5.29000 Run		CH1	52	9 PM Aug 07, 2018 td: None	
Keysight Spectrur R.L	m Analyzer - Occu τυ 50 Ω 1 5.290000	pied BW DC DOOD GH		SEP	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018	
Keysight Spectrue RL enter Freq	m Analyzer - Occu ΙՄ 50 Ω	pied BW DC DOOD GH #IF*	iz	Center Fr Trig: Free	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018 td: None	
RL RL 0 dB/div	m Analyzer - Occu IV 50 Q 5.290000 Ref Offset 1	pied BW DC DOOD GH #IF*	iz	Center Fr Trig: Free	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018 td: None	
Keysight Spectrue RL enter Freq 0 dB/div 90	m Analyzer - Occu IV 50 Q 5.290000 Ref Offset 1	pied BW DC DOOD GH #IF*	iz	Center Fr Trig: Free	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018 td: None	Frequency
C dB/div	m Analyzer - Occu IV 50 Q 5.290000 Ref Offset 1	pied BW DC 0000 GH #IF	iz	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018 td: None	Frequency
D dB/div	m Analyzer - Occu IV 50 Q 5.290000 Ref Offset 1	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018 td: None	Frequency
Keysight Spectrue RL enter Freq 0 dB/div 0	Ref Offset 1 Ref 30.00	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	PPH Aug 07, 2018 td: None evice: BTS	Frequency
Keysight Spectrue RL enter Freq 0 dB/div 0	Ref Offset 1 Ref 30.00	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	PPH Aug 07, 2018 td: None evice: BTS	Frequency
D dB/div 0 dB/div 0 dB/div 0 dB/div 0 dB/div 0 dB/div 0 dB/div	Ref Offset 1 Ref 30.00	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	9 PM Aug 07, 2018 td: None	Frequency
D dB/div 0 dB/div	Ref Offset 1 Ref 30.00	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	PPH Aug 07, 2018 td: None evice: BTS	Frequency
Compatibility Compati	Ref Offset 1 Ref 30.00	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52	PPH Aug 07, 2018 td: None evice: BTS	Frequency
O dB/div 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0 00 0	Ref Offset 1 Ref 30.00	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz	CH1	52 Radio S Radio D	PPH Aug 07, 2018 td: None evice: BTS	Center Fre 5 29000000 GH
Compatibility Compati	m Analyser - Occupier 1 5:290000	pied BW DC 0000 GH #IF	1z Gain:Low	Center Fr Trig: Free #Atten: 3	vse:INT eq: 5.29000 Run	0000 GHz Avg Hold	CH1	52 Radio S Radio D	PPH Aug 07, 2018 td: None evice: BTS	Center Fre 529000000 GH
o dB/div o o o o o o o o o o o o o	Ref 00000	pred BW BC 0000 GH atF 1 dB dBm	1z Gain:Low	Center Fr Trig: Free #Atten: 3	ca::br/ PRun 0 dB	Ward and a second secon	50/50	52 Radio 5 Radio D	PHAug 07, 2018 td: None evice: BTS	CE Ste
o dB/div o o o o o o o o o o o o o	m Analyser - Occupier 1 5:290000	vidth	fz Gain:Low	Center Fr Trig: Free #Atten: 3	escant eq: 5.2900 Run 0 dB	Ward and a second secon	50/50	52 Radio S Radio D	PHAug 07, 2018 td: None evice: BTS	CF Ste 10.000000 MH
Company Sector Company Sector Company	Ref 00000	vidth	1z Gain:Low	Center Fr Trig: Free #Atten: 3	ca::br/ Pkun 0 dB	Wang Hold	50/50	52 Radio 5 Radio D	PHAug 07, 2018 td: None evice: BTS	Center Fre 5.29000000 GH
o dalativ enter Freq o dalativ enter second o dalativ enter second enter second enter second o dalativ enter sec	Ref Offset 1 Ref 30.00 GHz 20 KHz ed Bandy	vidth	fz Gain:Low	Center Fr Trig: Free #Atten: 3	earanti eq: 5.29000 Run o db combeto c	Wang Hold	20.7	52 Radio 5 Radio D	PHAug 07, 2018 td: None evice: BTS	CF Ste 10.000000 MH
o dalativ enter Freq o dalativ enter second o dalativ enter second enter second enter second o dalativ enter sec	Ref Offset 1 Ref 30.00	vidth	fz Gein:Low	#VE	earanti eq: 5.29000 Run o db combeto c	AvgiHold	20.7 99	52 Radio S Radio D Spa	PHAug 07, 2018 td: None evice: BTS	CF Ste 10.00000 MH Auto Ma Freq Offse

FCC 802.11ac 80MHz CH1 5530MHz

Keysight Spectrum Analyzer - Occupied B	w			
RL 10 50 Ω DC Center Freq 5.530000000			04:07:29 PM Aug 07, 2018 Radio Std: None 50/50 Radio Device: BTS	Frequency
Ref Offset 11 dB 0 dB/div Ref 30.00 dBr				
00 000	ange permenter and		PRIVIDE STORE OF	Center Free 5.530000000 GH
0.0		¥	Managenetic and	
0.0 •••••••••••••••••••••••••••••••••••				
enter 5.53 GHz Res BW 820 kHz	200	/BW 2.4 MHz	Span 100 MHz Sweep 1 ms	CF Step
Occupied Bandwid	th	Total Power	20.9 dBm	10.000000 MH <u>Auto</u> Ma
7 : Transmit Freg Error	-29.008 kHz	% of OBW Power	99.00 %	Freq Offse 0 H
x dB Bandwidth	82.35 MHz	x dB	-26.00 dB	
90			STATUS	

FCC 802.11ac 80MHz CH1 5610MHz

	trum Analyzer - Occupied BW	1						
Center Fre	RF 50 Ω DC Bq 5.610000000	Tribus Tri	sense: INT Inter Freq: 5.61000 ig: Free Run Itten: 30 dB	0000 GHz Avg Hold:	50/50	Radio St	PMAug 07, 2018 d: None vice: BTS	Frequency
10 dB/div	Ref Offset 11 dB Ref 30.00 dBn	۱						
20.0								Center Fre 5.610000000 GH
20.00 20.0 20.0							h	
0.0							Konton Jaco	
a.o	1 GHz					Sna	n 100 MHz	
Res BW 8			#VBW 2.4 M	Hz			eep 1 ms	CF Ste 10.000000 MH
Occup	ied Bandwidt		Total P	ower	21.9	dBm		Auto Ma
		5.011 MHz						Freq Offs
	it Freq Error	-100.30 kHz		BW Powe		00 %		L
x dB Ba	ndwidth	83.81 MHz	x dB		-26.0	0 dB		

FCC 802.11ac 80MHz CH1 5690MHz

	trum Analyzer - Occupied Bi	v			
RL	RF 50 Ω DC		SENSE:INT	04:15:11 PM Aug 07, 2018	Frequency
enter Fre	eq 5.690000000	GHz Cente	Freq: 5.690000000 GHz Free Run Avg Hold: 5	Radio Std: None	riequency
		#IFGain:Low #Atter	: 30 dB	Radio Device: BTS	
		mr-Gain:Low would		Radio Device. D 13	
	Ref Offset 11 dB				
0 dB/div	Ref 30.00 dBr	n			
og					
0.0					Center Fre
					5.690000000 GH
			- marine marine		0.000000000
.00	a set as a contract of	and the state of t	*	the second se	
0.0					
0.0				N.	
	PR .			An the second	
0.0 0.0 					
0.0					
0.0					
3.0					
enter 5.6	9 GHz			Span 100 MHz	CF Ste
Res BW 8	820 kHz	#	VBW 2.7 MHz	Sweep 1 ms	10.000000 MH
					Auto Ma
Occup	ied Bandwidt	h	Total Power	21.3 dBm	London
	14	4.984 MHz			Freq Offs
_					0 H
Transm	it Freq Error	-87.641 kHz	% of OBW Power	99.00 %	1 *
v dB Ba	ndwidth	82.97 MHz	x dB	-26.00 dB	
х ив ва	nawiatii	02.97 MHZ	X UB	-20.00 dB	

FCC 802.11ac 80MHz CH1 5775MHz

Keysight Spectru	am Analyzer - Occupied B RF 50 Ω DC	w	SENSE:INT		04:19:35 PM/		- 2 2
	g 5.77500000		ter Freq: 5.77500000		Radio Std: M		Frequency
	•		FreeRun A en: 30 dB	vg Hold: 50/50	Radio Devic	e: BTS	
10 dB/div	Ref Offset 11 dB Ref 30.00 dB						
20.0							Center Fre
0.0	++						5.775000000 GH
0.0	لالمسايديد	الغاليم والمالول والمراجع والمراجع	اوقعه المالية الباستر بمواعظ	وليكولدك سيعجب لمالون	ham		
0.0	1		V				
0.0 stallport	+		_		- We	www.enerse	
0.0							
0.0					+ ++		
enter 5.77 Res BW 10			#VBW 300 kHz			00 MHz 9.6 ms	CF Ste 10.000000 MH
Occupie	ed Bandwid	th	Total Pow	ver 22.	.1 dBm		Auto Ma
	7	5.021 MHz					Freq Offse
Transmit	t Freq Error	-72.436 kHz	% of OBW	Power 9	9.00 %		0 F
x dB Ban	ndwidth	72.73 MHz	x dB	-6	5.00 dB		
3				STAT	us		

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99% BW to prove that all signals in band I is no over band U-NII-1 802.11a 5240MHz (CH0)

f Offset 11 dB f 20.00 dBm	#FGain:Low	Center Fre		0000 GHz Avg Hold:		R	tadio Std tadio De 5.248	MAug 07, 2018 I: None vice: BTS B13 GHZ	Frequency
f 20.00 dBm					M	kr1		313 GHz	
							-9.74	42 dBm	
1000	n www.www.	wanny	paranana	nan kan kan kan kan kan kan kan kan kan	hingon	1			Center Fr 5.240000000 G
adamarka and						l'ha	Souly Profix	A AND A AND A	
z		#VB	W 62 kH	z		s			CF Sto 3.000000 M Auto M
Bandwidth 16.			Total Po	ower	19).9 d	Bm		Freq Offs
eq Error idth				BW Powe					0
	z z Bandwidth 16.	z Bandwidth 16.293 MH rg Error -3.954 k	z #ve 3andwidth 16.293 MHz rg Error -3.954 kHz	z #VBW 62 kH 3andwidth Total P 16.293 MHz rg Error -3.954 kHz % of OE	z #VBW 62 kHz 3andwidth Total Power 16.293 MHz rg Error -3.954 kHz % of OBW Power	z #VBW 62 kHz 3andwidth Total Power 19 16.293 MHz reg Error -3.954 kHz % of OBW Power	z #VBW 62 kHz S 3andwidth Total Power 19.9 d 16.293 MHz rg Error -3.954 kHz % of OBW Power 99.0	z #VBW 62 kHz Spectron Sandwidth Total Power 19.9 dBm 16.293 MHz reg Error -3.954 kHz % of OBW Power 99.00 %	z \$

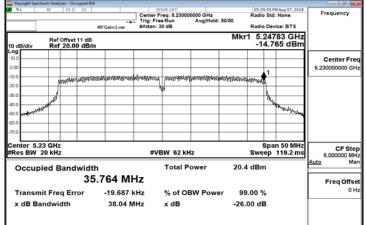
802.11n 20MHz 5240MHz (CH0)

RL	RF 50 Ω 0				00000 GHz Avg Hold:	50/50	Radio St	PM Aug 07, 2018 d: None wice: BTS	Frequency
10 dB/div	Ref Offset 11 Ref 20.00 d								
10.0 0.00		mannam	ranomhra	hinterior	mum	lane e	1		Center Free 5.240000000 GHz
-20.0	- N	Approx 1 de 1							
-50.0 20110000	Mandhada							through	
Center 5.2 #Res BW			#VE	BW 62 kH	łz			an 30 MHz 71.53 ms	CF Step 3.000000 MH: Auto Mar
Occup	ied Bandw	idth 17.470 M	IHz	Total P	ower	19.7	dBm		Freq Offse
	it Freq Error	-3.990			BW Powe		0.00 % 00 dB		0 H2
x uB Ba	nuwiuth	19.22	MITIE	x dB		-20.	UU UB		

802.11n 20MHz 5240MHz (CH1)

	DC	Center	Freg: 5.24000		1201221	05:27:55 Radio St	PM Aug 07, 2018 d: None	Frequency
	#FGair	Low #Atten		Avg Hold	: 50/50	Radio De	vice: BTS	
						1		Center Free 5.240000000 GH
P	parteresting	mananan	Antoines	themphysi	enviou			
- Marina	-					mare		
and the second s						174	munde	
GHz 0 kHz		#	/BW 62 kł	47				CF Ste 3.000000 MH
	idth				19.8			Auto Ma
		4 MHz						Freq Offse
Freq Error	r 2	.492 kHz	% of O	BW Powe	or 99	.00 %		он
ndwidth	1	8.87 MHz	x dB		-26.	00 dB		
					lever to a			
	GHz O KHZ CGHz O KHZ	Ref Offset 11 dB Ref 20.00 dBm	Ref Offset 11 dB Ref 20.00 dBm	Ref Offset 11 dB Ref 20.00 dBm WWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWWW	Ref offset 11 dB Ref 20.00 dBm	Ref Offset 11 dB Mkr Ref 20.00 dBm Mkr Mkr Mkr	Ref Offset 11 dB Mkr1 5.24 Ref 20.00 dBm -11.3 Image: state sta	Ref Offset 11 dB Mkr1 5.24873 GHz Ref 20.00 dBm -11.253 dBm -11.253 dBm -11.253 dBm

802.11n 40MHz 5230MHz (CH0)



802.11n 40MHz 5230MHz (CH1)

Keysight Spec	trum Analyz	er - Occupied I			SENSE UNT			AF 20 37 0	MAug 07, 2018	10014
	10	20.0 00		Trig: F	Freq: 5.2300 ree Run : 30 dB	Avg Hold: 5	R 0/50	adio Std	None	Frequency
0 dB/div		offset 11 dE 20.00 dB			4	50- ×02	Mkr1		783 GHz 05 dBm	
0.00				-				1		Center Fre 5.230000000 GH
0.0	ľ	and provident	unital anticology	and realized	alla alla	Almanuquitation	tollowindiants			
10.0 50.0	waters							y	an way maker	
50.0 70.0		_		-			_	+		
enter 5.2 Res BW		14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -		#	/BW 62 kl	Hz	s		n 50 MHz 119.2 ms	CF Ste 5.000000 MH
Occup	ied B	andwid 3	th 5.811 N	147	Total F	ower	20.3 d	Bm		Auto Ma
Transm	nit Fred		-33.08		% of O	BW Power	99.0	0 %		Freq Offse
x dB Ba	andwid	ith	38.07	MHz	x dB		-26.00	dB		

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802.11ac 80MHz 5210MHz (CH0)

Keysight Spectr	um Analyzer - Occupied BW RF 50 Ω DC	Trig: I	sense:INT r Freq: 5.210000000 GHz Free Run Avg Hold:		Frequency
10 dB/div	Ref Offset 11 dB Ref 20.00 dBm	#IFGain:Low #Atter	n: 30 dB	Radio Device: BTS Mkr1 5.24753 GHz -14.341 dBm	
10.0 0.00				1.	Center Free 5.210000000 GH
20.0	provint pillar signature	lanit situitizi faisiliaezina	hing surjetable-scale associationalisedy Y	adarwanigi yila seginiani yila	
40.0 50.0 60.0				The instances of the second	
70.0 Center 5.2 #Res BW 2		#	VBW 62 kHz	Span 100 MHz Sweep 238.4 ms	
Occupi	ed Bandwidth 75	037 MHz	Total Power	21.7 dBm	Auto Ma
Transmi x dB Baı	it Freq Error	-244 Hz 77.93 MHz	% of OBW Powe x dB	r 99.00 % -26.00 dB	0 H
80				STATUS	

802.11ac_80MHz _5210MHz (CH0)

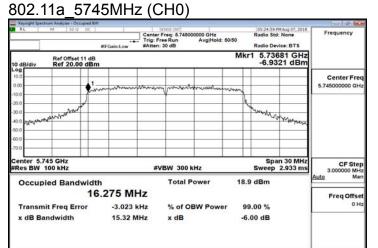
Keysight Spectru	um Analyzer - Occupied BW						
RL	RF 50 Ω DC	Tr	sense:INT Inter Freq: 5.21000 lig: Free Run Itten: 30 dB	0000 GHz Avg Hold: 50/	Radio Si	td: None evice: BTS	Frequency
10 dB/div	Ref Offset 11 dB Ref 20.00 dBm				Mkr1 5.24 -14.	753 GHz 204 dBm	
10.0 0.00						1	Center Free 5.210000000 GHz
-10.0	prenisetténisternelser	inservanteista tilfeattion	election pricesteneold V	ananana karalar di karana	www.arabaabaabaabaabaabaabaabaabaabaabaabaab		
40.0			_			And the second	
-60.0							
Center 5.21 #Res BW 2			#VBW 62 kH	Iz		n 100 MHz 238.4 ms	CF Step 10.000000 MH
Occupie	ed Bandwidth		Total P	ower	21.7 dBm		<u>Auto</u> Man
	75	070 MHz					Freq Offset
Transmit	t Freq Error	6.588 kHz	% of OE	BW Power	99.00 %		0 Hz
x dB Bar	ndwidth	77.93 MHz	x dB		-26.00 dB		
#SG					STATUS		

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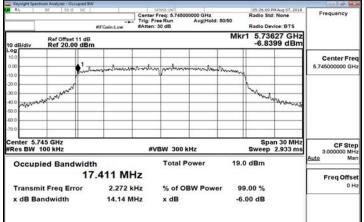
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99% BW to prove that all signals in band I is no over band U-NII-3



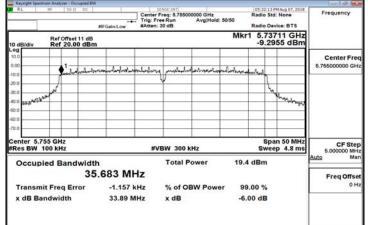
802.11n 20MHz 5745MHz (CH0)



802.11n 20MHz 5745MHz (CH1)

RL	trum Analyzer - Oc RF 50 G	DC	IFGein:Low	Center		00000 GHz Avg Hold	1: 50/50	Radio St	PM Aug 07, 2018 d: None wice: BTS	Frequency
10 dB/div	Ref Offset Ref 20.0				~	524 4	Mkr		627 GHz 766 dBm	
10.0 0.00 10.0		2 mm	moture	norran A	a warmant	normalia	tentra			Center Free 5.745000000 GH:
20.0 30.0	Newhorksond							hunned	hallowers	
50.0 60.0 70.0										
Center 5.745 GHz Span 30 MHz Res BW 100 kHz Sweep 2.933 ms									CF Step 3.000000 MH	
Occupied Bandwidth 17.411 MHz Transmit Freq Error -5.664 kHz x dB Bandwidth 14.48 MHz			Ηz	Total P	ower	18.9	9 dBm		Auto Mai	
							9.00 % .00 dB		0 H:	
150							STATU	s		

802.11n 40MHz 5775MHz (CH0)



802.11n 40MHz 5775MHz (CH1)

	rum Analyzer - Occupied BV	(000
RL	RF 50.0 DC	Trig:	r Freq: 5.755000000 GHz Free Run Avg Hol n: 30 dB	ld: 50/50	Radio Std: Radio Devi		Frequency
0 dB/div	Ref Offset 11 dB Ref 20.00 dBn	n		Mk	r1 5.737 -9.033	11 GHz 35 dBm	-
0.00	1	-lunesolusioner and a charles	and particular for the stand	mand			Center Free 5.755000000 GH
0.0	A		Ψ				
0.0 Landon	all ^a			-		Martin Street	
0.0				-			
center 5.7	55 CH2				Snar	50 MHz	
Res BW 100 kHz #VBW 300 kHz Sweep 4.8 ms							CF Ster 5.000000 MH
Occupi	ied Bandwidt		Total Power	19.	4 dBm		<u>Auto</u> Mar
	35	5.687 MHz					Freq Offse
	it Freq Error	1.155 kHz	% of OBW Pow		9.00 %		0 H
x dB Bai	ndwidth	35.16 MHz	x dB	-6	.00 dB		

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802.11ac 80MHz 5775MHz (CH0)

	ctrum Analyzer - Occupied Bl	N					
RL	RF 50 Ω DC	1	SENSE:DAT Center Freq: 5.775000000 Frig: Free Run Av Atten: 30 dB	3Hz j Hold: 50/50	Radio Std: Radio Dev		Frequency
0 dB/div	Ref Offset 11 dB Ref 20.00 dBr			Mkr		51 GHz 58 dBm	
0.0 1.00 0.0	1 Her hiele beaufield	epon and the second	malalan manarakalank	h-h-a-wellalde	manlin		Center Fre 5.775000000 GH
0.0 0.0 0.0	sal.					John with the	
0.0							
enter 5. Res BW			#VBW 300 kHz		Span Swee	100 MHz p 9.6 ms	CF Ste 10.000000 MH
Occup	bied Bandwidt	th 5.008 MHz	Total Powe	r 21.	5 dBm		Auto Ma
Transm	nit Freq Error	-38.424 kH	z % of OBW	Power 99	9.00 %		. 01
x dB Ba	andwidth	73.91 MH	z xdB	-6.	00 dB		

802.11ac 80MHz 5775MHz (CH1)

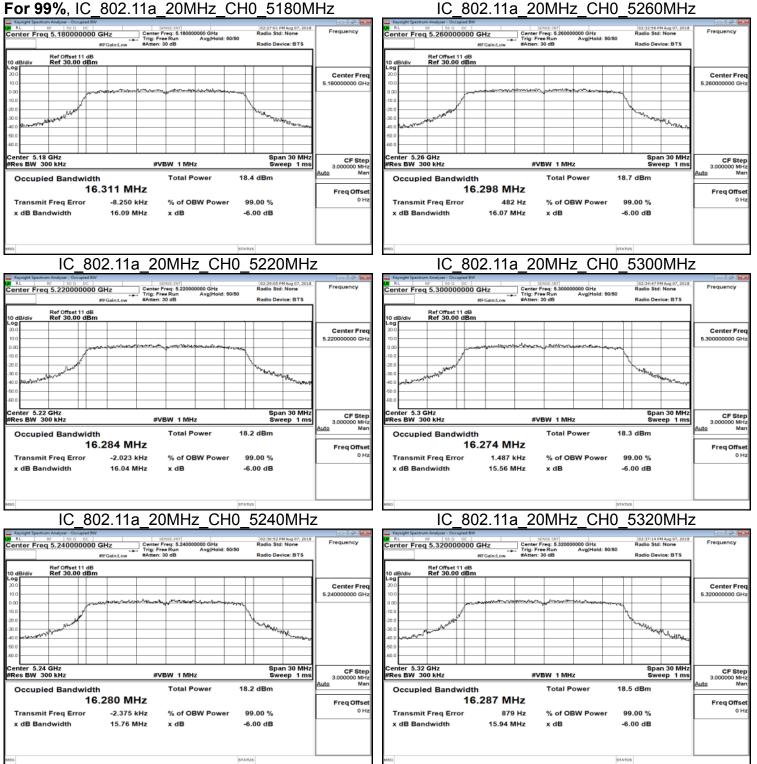
Keysight Spectrum										
RL RF	50 Q		Gain:Low			00000 GHz Avg Hold	1: 50/50	Radio S	SPM Aug 07, 2018 Std: None Device: BTS	Frequency
	Ref Offset Ref 20.00						Mkr		3741 GHz 123 dBm	
0.00	♦ ¹	Walnut	ماروطراوم	بالدليليدين	المراجعة المراجع	يول المراجعة المراجعة الم	montal	5.11		Center Free 5.775000000 GH:
-10.0 -20.0 -30.0					¥			- user and		
40.0 50.0 60.0										
-70.0 Center 5.775	CHa							-		
#Res BW 100				#V	'BW 300 I	kHz			an 100 MHz eep 9.6 ms	CF Step 10.000000 MH:
Occupied	l Band)74 M	U~	Total F	ower	21.7	dBm		Auto Mar
Transmitt			-6.774			BW Pow		.00 %		Freq Offse
Transmit F x dB Band		or	75.13		x dB	BWPOW		00 dB		
tsG							STATUS	1		

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For 99%, IC 802.11a 20MHz CH0 5180MHz



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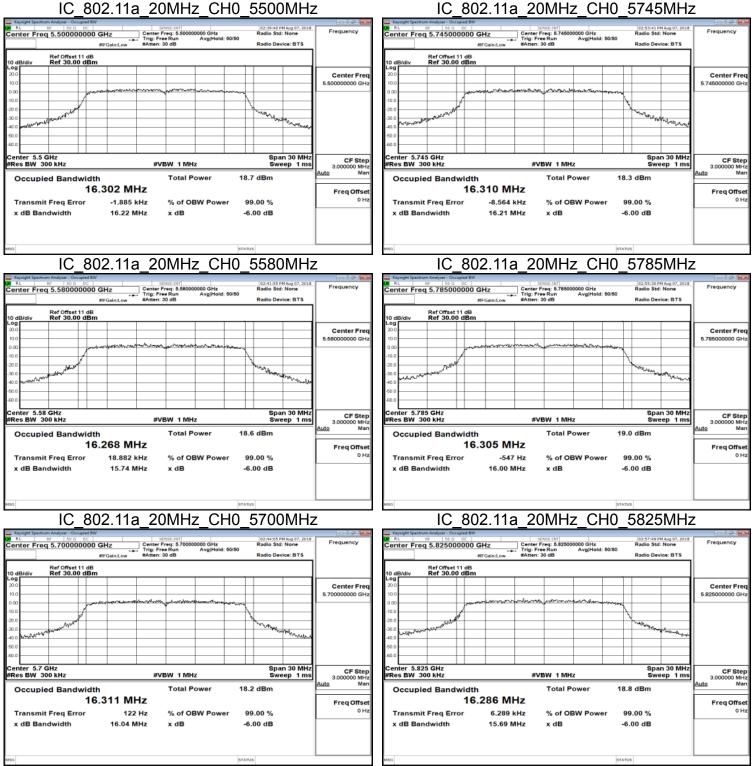
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IC 802.11a 20MHz CH0 5500MHz



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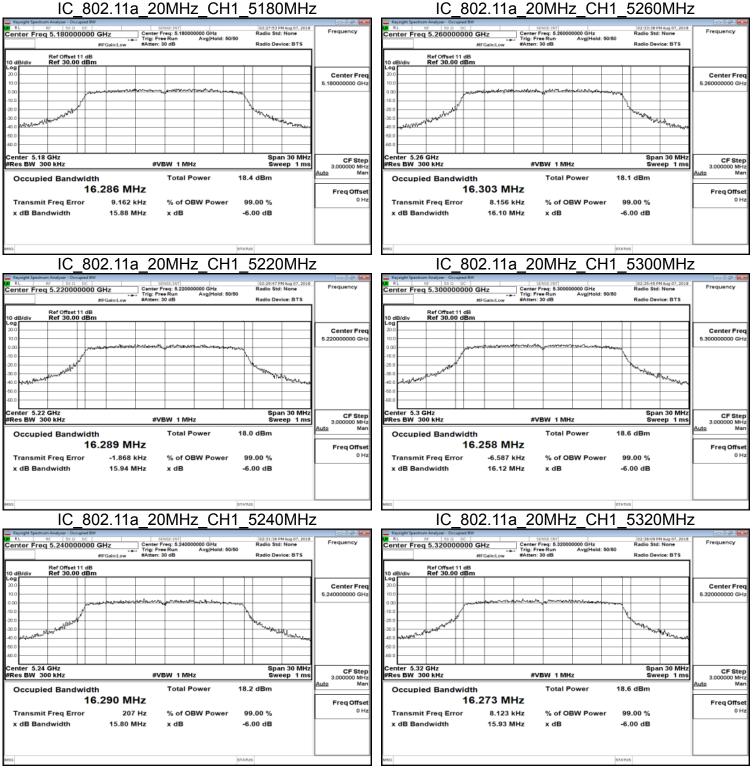
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IC 802.11a 20MHz CH1 5180MHz



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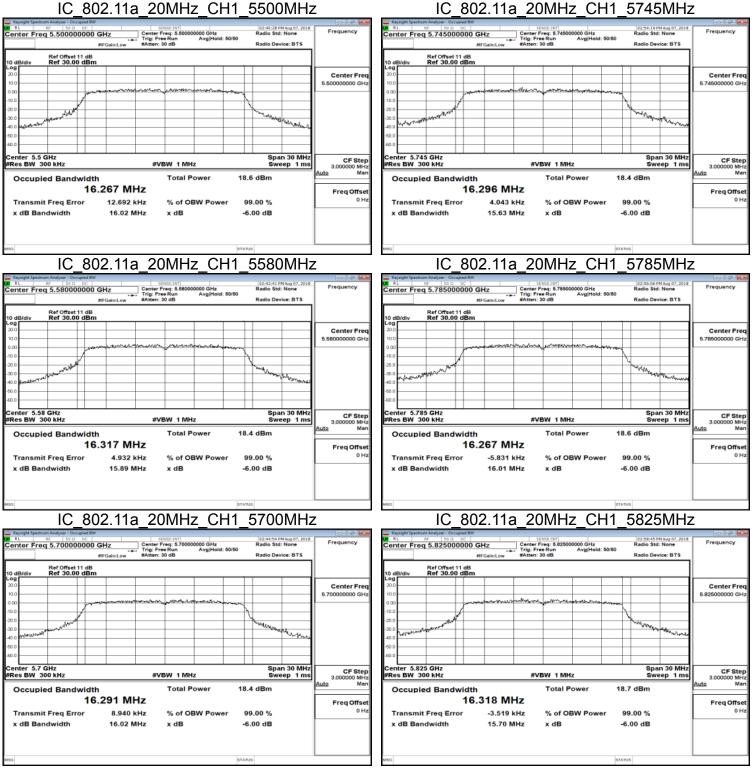
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IC 802.11a 20MHz CH1 5500MHz



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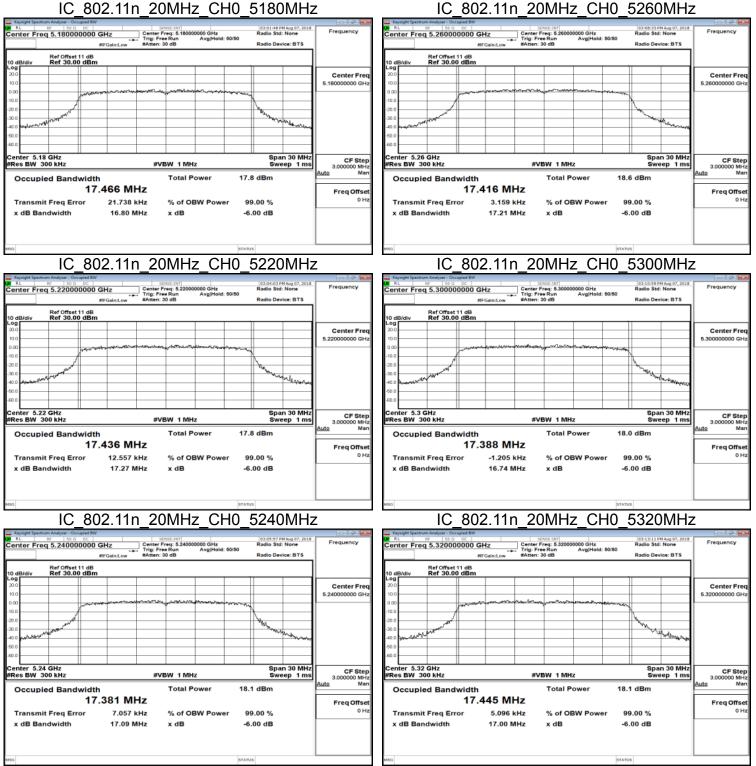
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IC 802.11n 20MHz CH0 5180MHz



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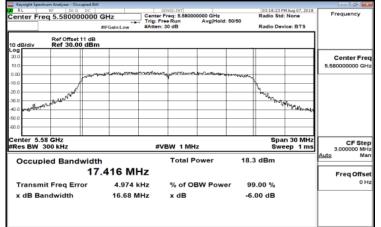
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IC 802.11n 20MHz CH0 5500MHz

	rum Analyzer - Occup									
enter Fre	₩ 50 Ω eq 5.500000		Iz Sain:Low	Center F		0000 GHz Avg Hold	50/50	Radio Std		Frequency
0 dB/div	Ref Offset 11 Ref 30.00									
00 00 00 00 00 00 00 00 00 00 00 00 00		- and a second	ymCrót300	dessetting.	getation.	*****		han.		Center Free 5.500000000 GH
30.0 40.0									langught shedaga	
enter 5.5 Res BW 3				#VE	SW 1MH	z			n 30 MHz ep 1 ms	CF Step 3.000000 MH
Occupied Bandwidth Total Power 18.3 dBm 17.414 MHz								Auto Mar Freq Offse		
	it Freq Erro ndwidth	r	7.642 17.00 N		% of OE x dB	3W Powe		9.00 % 00 dB		0 H

IC 802.11n 20MHz CH0 5580MHz



IC 802.11n 20MHz CH0 5700MHz

Keysight Spectrum Analyzer - Occupied Bi	v					
	Cuta	Freq: 5.70000000 GHz	03:20:29 PM Aug 07, 2 Radio Std: None	Frequency		
Center Freq 5.70000000	GHZ Trig	Free Run Avg Hold: 6				
		n: 30 dB	Radio Device: BTS			
Ref Offset 11 dB						
10 dB/div Ref 30.00 dBr	n					
20.0				Center Fre		
10.0				5.700000000 GH		
				5.70000000 GP		
0.00	and the second s	and the second	Three way	_		
10.0			- N			
20.0						
20.0			Current and Baller of Barlan			
30.0 40.0 Markana Markana			and the Althouse			
40.0				7.X2		
60.0						
60.0						
Center 5.7 GHz			Span 30 M			
Res BW 300 kHz	#	#VBW 1 MHz Sweep 1 ms				
				Auto 3.000000 MF		
Occupied Bandwidt	h	Total Power	18.5 dBm			
17	7.434 MHz					
	.454 10112			Freq Offs		
Transmit Freg Error	14.431 kHz	% of OBW Power	99.00 %	01		
x dB Bandwidth	17.16 MHz	x dB	-6.00 dB			
53			STATUS			

IC 802.11n 20MHz CH0 5720MHz

Center Fr	eg 5.720000000		SENSE:INT r Freq: 5.720000000 GHz	Radio Sto	AM Aug 20, 2018 1: None	Frequency
		AFGain:Low #Atter	Free Run Avg Holo h: 30 dB		vice: BTS	
0 dB/div	Ref Offset 11 dB Ref 30.00 dBm					
20.0						Center Fr
10.0						5.72000000 G
0.00		www.mann	~~~~~~	- man		
10.0				N N		
20.0				- N.		
30.0 man	-10 milent			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	allow w	
40.0					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
90.0						
90.0					II	CF St
Center 5.7 Res BW		#	VBW 1 MHz	Spa Sw	an 30 MHz eep 1 ms	3.000000 M Auto M
Occup	ied Bandwidth	1	Total Power	19.2 dBm		Freq Offs
	17	.406 MHz				0
Transm	nit Freq Error	1.809 kHz	OBW Power	99.00 %		
x dB Ba	andwidth	17.14 MHz	x dB	-6.00 dB		

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IC 802.11n 20MHz CH0 5745MHz

Keysight Spectre RL	um Analyzer - Occupied BW	/	SE	NSE:0NT			03:22:59 P	M Aug 07, 2018	
Center Fre	q 5.745000000	GHz		req: 5.74500	0000 GHz Avg Hold	60/60	Radio Std	None	Frequency
		#IFGain:Low	#Atten: 3		Avginoid		Radio Dev	rice: BTS	
10 dB/div	Ref Offset 11 dB Ref 30.00 dBn	1							
20.0									Center Freq
10.0									5.745000000 GHz
-10.0	hand	and a star and a star and a star a	gebeldeleter,	- Annia	and the second	Strake What are			
-20.0							Anne -		
-30.0 -40.0	Aportal						"When	Jent March 10	
-40.0									
-60.0									
Center 5.74	45 GHz						Spa	n 30 MHz	CF Step
#Res BW 3	i00 kHz		#VE	BWIMH	z			eep 1ms	3.000000 MHz
Occupi	ed Bandwidt	h		Total P	ower	18.2	2 dBm		Auto Man
	17	.410 MI	Ιz						Freq Offset
Transmi	t Freq Error	15.711 k	1 kHz % of OBW Power 9				9.00 %		0 H
x dB Bar	ndwidth	17.10 M	IHz	x dB		-6.	00 dB		

IC_802.11n_20MHz_CH0_5785MHz

	frum Analyzer - Occupied by								
RL Enter Fre	RF 50 Ω DC Bq 5.785000000	GH7		req: 5.78500	0000 GHz		Radio Std	M Aug 07, 2018	Frequency
	54 5.705000000	#IFGain:Low		e Run	Avg Hold	: 50/50	Radio De	vice: BTS	
0 dB/div	Ref Offset 11 dB Ref 30.00 dBn	n							
0.0									Center Fre
0.0			-	-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	the detail to and an				5.78500000 GH
0.0	1	,		r		and a strategy			
0.0							h when		
0.0 hours	Langel All Martin							Multime Martine	
0.0									
D.D									
enter 5.7 Res BW			#VE	SW 1 MH	z			ın 30 MHz eep 1 ms	CF Ste 3.000000 MF
Occup	ied Bandwidt	h		Total P	ower	18.6	dBm		<u>Auto</u> Ma
		7.446 M	Hz						Freq Offs
Transm	it Freq Error	17.803	17.803 kHz % of OBW Power 9				.00 %		01
	ndwidth	16.86 1		x dB		6	00 dB		

IC 802.11n 20MHz CH0 5825MHz

	rum Analyzer - Occupie								
Center Fre	rg 5.8250000		Center Trig: F	Freq: 5.82500 ree Run : 30 dB	0000 GHz Avg Hold	: 50/50	Radio Der		Frequency
10 dB/div	Ref Offset 11 Ref 30.00 d						_		
-og 20.0 10.0			p.4/~	an and particular	and the second				Center Freq 5.825000000 GHz
10.0	and a company					<u>ر</u> ا	A. Markarla	and the state of t	
50.0	and all and a second							and the second sec	
enter 5.82 Res BW 3			#\	/BW 1 MH	z			un 30 MHz eep 1 ms	CF Step 3.000000 MH
Occupied Bandwidth 17,439 M			MHz	Total Power 18.9 dBm					<u>Auto</u> Man
Transmi x dB Bar	it Freq Error		130 Hz 92 MHz	% of OE x dB	BW Powe		0.00 % 00 dB		Freq Offse 0 H
53						STATUS	5		

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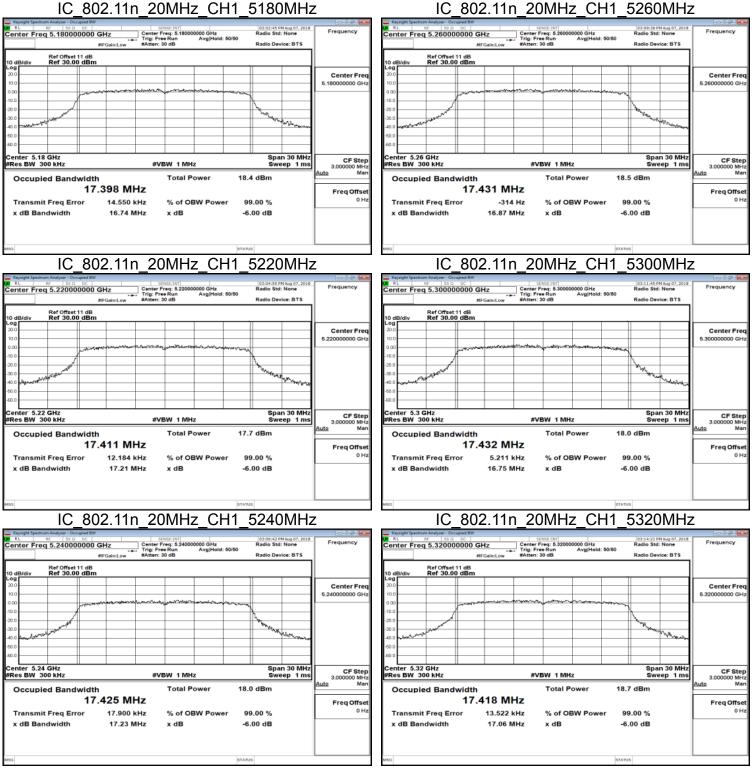
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t (886-2) 2299-3279



IC 802.11n 20MHz CH1 5180MHz



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:19 AM Aug 2 Std: None

۹h.

Span 30 MH Sweep 1 ms

18.8 dBm

99.00 %

-6.00 dB

Radio Device: BTS

Freq

Center Fre

CF Step 3.00

Freq Offse 0 H

M

IC 802.11n 20MHz CH1 5720MHz

#VBW 1 MHz

x dB

Total Power

OBW Power

er Freq 5.720000000 GHz

Ref Offset 11 dB Ref 30.00 dBn

enter 5.72 GHz Res BW 300 kHz

Occupied Bandwidth

Transmit Freq Error

x dB Bandwidth

17.419 MHz

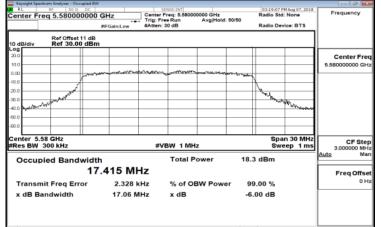
-9.366 kHz

16.94 MHz

IC 802.11n 20MHz CH1 5500MHz

	rum Analyzer - Occupi								
Center Fre	₩ <u>50 Ω</u> 0 cq 5.5000000	c 000 GHz	Center	Freq: 5.50000			Radio Std	MAug 07, 2018 : None	Frequency
		#IFGain:Low	#Atten	ree Run : 30 dB	Avg Hold	: 60/60	Radio Dev	ice: BTS	
10 dB/div	Ref Offset 11 Ref 30.00 c								
20.0									Center Free
10.0	++								5.50000000 GH;
1.00	K	, and the second s			****				
20.0			_				m		
30.0 40.0	1 and a start						- who	Marilyn	
40.0 CAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA									
60.0			_	-					
enter 5.5 Res BW 3			#\	/BW 1MH	z			n 30 MHz ep 1 ms	CF Step 3.000000 MH
Occupi	ied Bandw	idth		Total P	ower	18.2	2 dBm		Auto Mar
		17.431 N	1Hz						Freq Offse
Transmi	Fransmit Freq Error -864 Hz				% of OBW Power 99.00 %				0 H
x dB Ba	ndwidth	17.16	17.16 MHz		x dB -6				

IC 802.11n 20MHz CH1 5580MHz



IC 802.11n 20MHz CH1 5700MHz

Keysight Spectrum Analyzer - Occupie							
Center Freq 5.7000000	00 GHz C	sense:ant enter Freq: 5.700000000 GHz	03:21:14 PM Aug 07, 2018 Radio Std: None	Frequency			
		ig:FreeRun Avg Hold:50 Atten:30 dB	0/50 Radio Device: BTS				
Ref Offset 11 10 dB/div Ref 30.00 d							
20.0 10.0				Center Freq 5.70000000 GHz			
-10.0	Contraction of the second s	and and a second and					
-20.0 -30.0 -40.0			Jon Marine Marin				
-60.0							
Center 5.7 GHz #Res BW 300 kHz		Span 30 MHz #VBW 1 MHz Sweep 1 ms					
Occupied Bandwi	dth	Total Power	18.5 dBm	Auto Man			
	17.436 MHz			Freq Offset			
Transmit Freq Error	19.727 kHz	% of OBW Power	99.00 %	0 Hz			
x dB Bandwidth	17.04 MHz	x dB	-6.00 dB				
MSG			STATUS				
104			STATUS				

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IC 802.11n 20MHz CH1 5745MHz

Keysight Spectru RI	m Analyzer - Occu			_						
Center Free		000 GH	z	Center Fr	req: 5.74500			Radio Std	MAug 07, 2018	Frequency
			Sain:Low	#Atten: 3		Avg Hold	50/50	Radio Dev	vice: BTS	
10 dB/div	Ref Offset 1 Ref 30.00									
20.0										Center Freq 5.745000000 GHz
-10.0 -20.0		Anglower & Angle		and a state of the	a de contrar			Jage .		
-20.0 -30.0 -40.0	America							. where	malmont	
-60.0										
Center 5.74 #Res BW 3				#VE	SW 1MH	z			n 30 MHz eep 1 ms	CF Step 3.000000 MHz
Occupie	ed Bandv				Total P	ower	18.2	2 dBm		<u>Auto</u> Man
		17.4	29 MI	lz						Freq Offset
Transmit	Transmit Freq Error			Hz	% of Of	BW Powe	er 99	9.00 %		0 Hz
x dB Ban	dwidth		16.97 M	Hz	x dB		-6.	00 dB		

IC_802.11n_20MHz_CH1_5785MHz

	CHa			0000 GHz				Frequency
Jq 5.785000000		Trig: Free	Run	Avg Hold:	50/50			
	#FGain:Low	#Atten: 30	0 dB			Radio Dev	vice: BTS	
Ref Offset 11 dB								
Ref 30.00 dBn	<u>,</u>				<u> </u>			
	_							Center Fre
								5.785000000 GH
- Record	Karry Card Dalar	Second and a	and a strategy and	State-Manda	man			
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- Juli						1		
a Malmar						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Mar.	
×							a change	
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300 kHz		#VB	W 1 MH	z				CF Ste 3.000000 MH
ied Bandwidt	h		· · · · · ·					Auto Mar
lea Banania								<u> </u>
17	7 A2A MI							
17	.434 MI	Hz						
17 it Freq Error	5.384 MI		% of OE	BW Powe	er 99	.00 %		
		kHz	% of OE x dB	BW Powe		.00 % 00 dB		Freq Offs
it Freq Error	5.384	kHz		BW Powe				
it Freq Error	5.384	kHz		BW Powe				
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IC 802.11n 20MHz CH1 5825MHz

Keysight Spectrum Ar										
Center Freq 5		000 GH	lz	Center Fre		0000 GHz Avg Hold	50/50	Radio St		Frequency
		#IF	Gain:Low	#Atten: 3	0 dB			Radio De	vice: BTS	
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Res BW 300				#VE	SW 1 MH	z			eep 1 ms	CF Ste 3.000000 MH
Occupied	Bandy	vidth			Total P	ower	18.9	dBm		Auto Ma
		17.4	45 MH	Iz						Freq Offse
Transmit F	req Erro	r	8.852 k	Hz	% of OE	W Pow	er 99	.00 %		0 H
x dB Bandv	vidth		17.08 M	Hz	x dB		-6.	00 dB		
93							STATUS	в		

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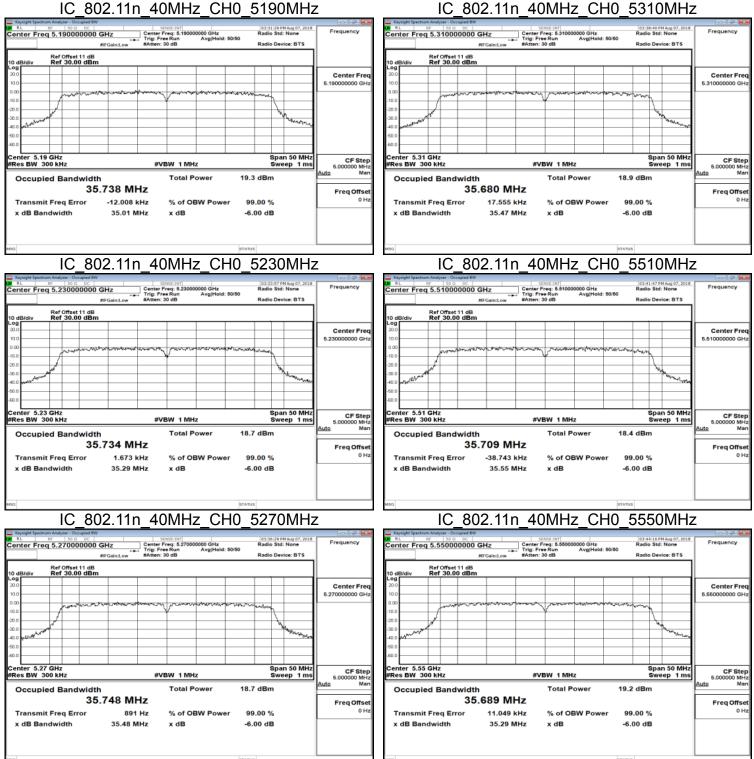
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f (886-2) 2298-0488



IC 802.11n 40MHz CH0 5190MHz



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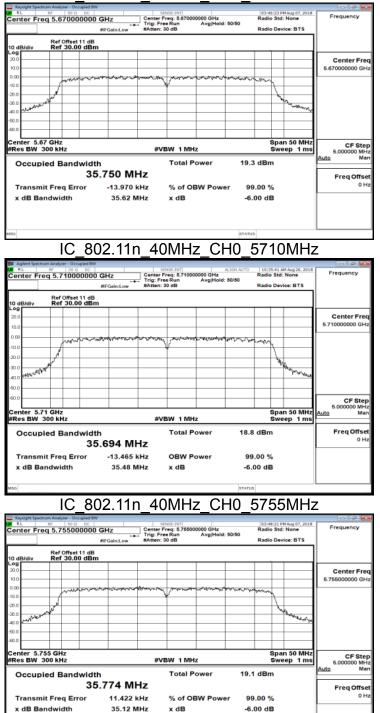
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IC 802.11n 40MHz CH0 5670MHz



IC 802.11n 40MHz CH0 5795MHz

Keysight Spect	rum Analyzer - Occu RF 50 Ω				NSE:INT			07-80		M Aug 07, 2018		- 2
	eq 5.79500		lz	Center F	req: 5.79500		10/10			None	Fre	equency
		#1F	Gain:Low	#Atten: 3	0 dB	Avg Hold:	50/50	Radio	Dev	ice: BTS		
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60.0			-		-							
60.0	++++				-							
enter 5.795 GHz Span 50 MHz Span 50 MHz Res BW 300 kHz #VBW 1 MHz Sweep 1 ms							CF St 5.000000 M	CF Ste				
Occupied Bandwidth			Total Power 19.2 dBm						n		Auto	M
		35.7	'04 MI	Ηz							, I	req Offs
Transmit Freq Error -3.8			-3.877	-3.877 kHz % of OBW Power 9				9.00 %	6		I .	01
x dB Bandwidth		35.16 N	IHz	x dB	x dB -6.00			3				

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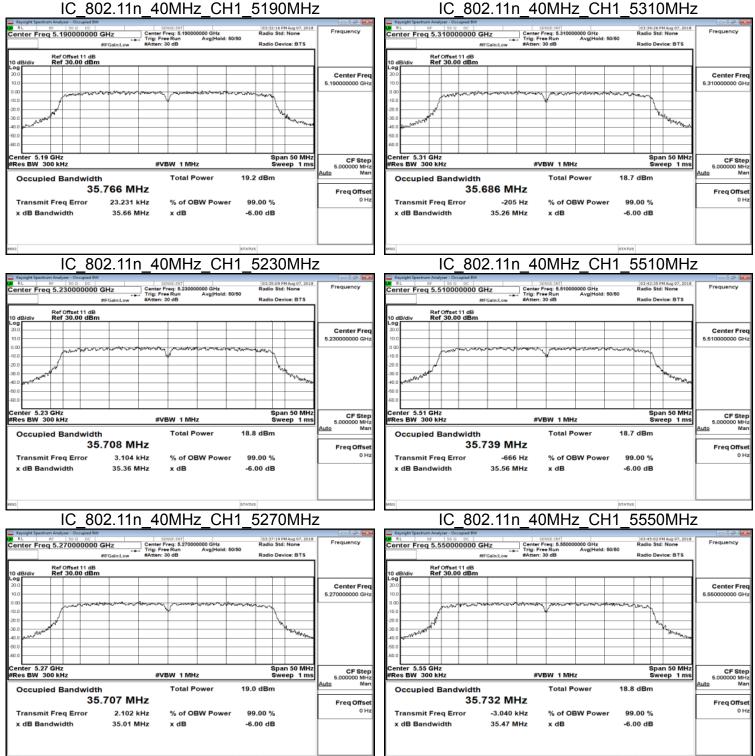
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IC 802.11n 40MHz CH1 5190MHz



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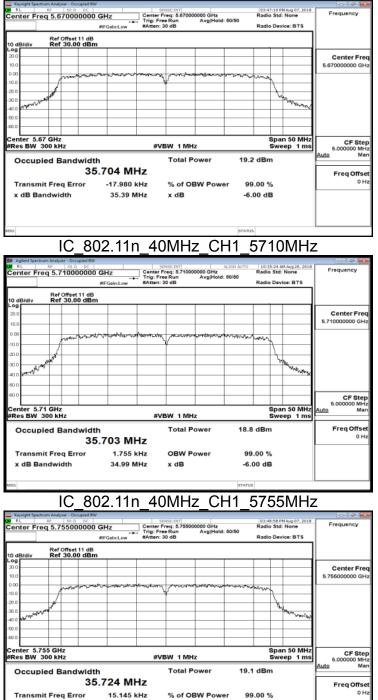
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IC 802.11n 40MHz CH1 5670MHz



IC 802.11n 40MHz CH1 5795MHz

Keysight Spectrum Analyzer - Occu				e e e		
RL 10 50 G Center Freq 5.795000	0000 GHz Center Trig: F	sense:int) r Freq: 5.795000000 GHz Free Run Avg Hold: 50/5 n: 30 dB	03:50:56 PM Aug 07, 2018 Radio Std: None 80 Radio Device: BTS	Frequency		
Ref Offset 1 10 dB/div Ref 30.00						
200				Center Fre 5.795000000 Gł		
10.0	2.00 2.000 2.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000		windung			
30.0 40.0 60.0			a history			
60.0			Span 50 MHz			
Center 5.795 GHz #Res BW 300 kHz	CF Ste 5.000000 MH Auto Mi					
Occupied Bandwidth Total Power 19.0 dBm 35.710 MHz						
Transmit Freq Erro	or -16.116 kHz	% of OBW Power	99.00 %	01		
x dB Bandwidth	35.26 MHz	x dB	-6.00 dB			

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-6.00 dB

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35.53 MHz

x dB

dB Bandwidth

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