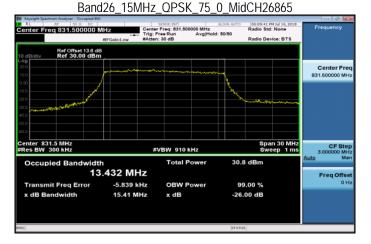


Report No.: E2/2018/70058 Page 136 of 471

Band26 15MHz QPSK 75 0 LowCH26775

enter Freq 822.50000	Trig:	sense:int] r Freq: 822.500000 MHz Free Run Avg Hold n: 30 dB	Rad	01:51 PM Jul 16, 2018 io Std: None io Device: BTS	Frequency
Ref Offset 13.6 0 dB/div Ref 30.00 d	s dB Bm		_		
•g 0.0 0.0			~		Center Free 822.500000 MHz
				Proven deservation of	
enter 822.5 MHz Res BW 300 kHz	#	VBW 910 kHz		Span 30 MHz Sweep 1 ms	CF Step 3.000000 MH
Occupied Bandwi	^{dth} 13.602 MHz	Total Power	31.2 dB	m	Auto Mar
Transmit Freq Error	48.271 kHz	OBW Power	99.00		Freq Offse 0 H
x dB Bandwidth	15.57 MHz	x dB	-26.00 d	B	



Band26_15MHz_QPSK_75_0_HighCH26965







Band26_15MHz_16QAM_75_0_HighCH26965



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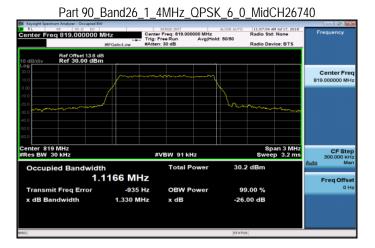
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Part 90_Band26_1_4MHz_QPSK_6_0_LowCH26697

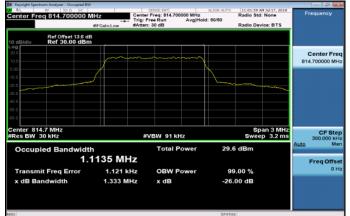
Keynight Spectrum Analyzer - Occupied BM RL IV SODDC Center Freq 814.700000	AHz C	sense:int enter Freq: 814.700000 MHz rig: Free Run Avg Ho Atten: 30 dB	ALIGN AUTO	10:58:03 AM Jul 17, 2018 Radio Std: None Radio Device: BTS	Frequency
	#IFGain:Low #/	Atten: 30 dB		Radio Device: BTS	
Ref Offset 13.6 dl 10 dB/div Ref 30.00 dBn					
10.0	m		\		Center Free 814.700000 MHz
0.0 0.0 mmgapacanananananananananananananananananan			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	- water and the second	
60.0 60.0					
Center 814.7 MHz Res BW 30 kHz		#VBW 91 kHz		Span 3 MHz Sweep 3.2 ms	CF Step 300.000 kH
Occupied Bandwidt	h	Total Power	29.9) dBm	<u>Auto</u> Mar
1.1	1110 MHz				Freq Offse
Transmit Freq Error	607 Hz	OBW Power	99	9.00 %	0 Ha
x dB Bandwidth	1.321 MHz	x dB	-26.	00 dB	
199			STATU		



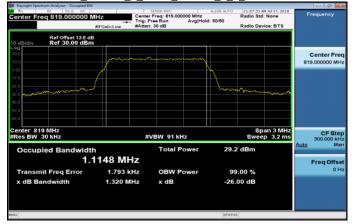
Part 90 Band26 1 4MHz QPSK 6 0 HighCH26783

Keynight Spectrum Analyzer - Occupied BV RL IV 50 0 DC Center Freq 823.300000 I	MHz Cente Trig:	SENSE:INT r Freq: 823,300000 MHz Free Run Avg Hol n: 30 dB	Radio S d: 50/50	9 AM Jul 17, 2018 td: None evice: BTS	Frequency
Ref Offset 13.6 dl	B 1				
200					Center Freq 823.300000 MHz
-10.0			\mathbb{N}		
40.0	, 		homen	- Almanateria	
60.0					
Center 823.3 MHz Res BW 30 kHz	#	VBW 91 kHz		pan 3 MHz ep 3.2 ms	CF Step 300.000 kHz
Occupied Bandwidt 1.	հ 1149 MHz	Total Power	30.0 dBm	2	Freq Offset
Transmit Freq Error	388 Hz	OBW Power	99.00 %		0 Hz
x dB Bandwidth	1.330 MHz	x dB	-26.00 dB		
30			STATUS		

Part 90_Band26_1_4MHz_16QAM_6_0_LowCH26697



Part 90_Band26_1_4MHz_16QAM_6_0_MidCH26740



Part 90_Band26_1_4MHz_16QAM_6_0_HighCH26783

Keysight Spectrum Analyzer - Occupied BW		SENSE:INT		AM Jul 17, 2018	
Center Freq 823.300000 M	Trig: F	r Freq: 823.300000 MHz Free Run Avg Hol h: 30 dB	Radio St d: 50/50		Frequency
Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm					
20.0	· · · · · · · · · · · · · · · · · · ·	,			Center Fre 823.300000 MH
			Lunnar.		
0.0					
enter 823.3 MHz Res BW 30 kHz	#	VBW 91 kHz		pan 3 MHz ep 3.2 ms	CF St 300.000 k
Occupied Bandwidth 1.1	131 MHz	Total Power	29.7 dBm		Auto M Freq Offs
Transmit Freq Error	3.759 kHz	OBW Power	99.00 %		0
x dB Bandwidth	1.325 MHz	x dB	-26.00 dB		
20			STATUS		

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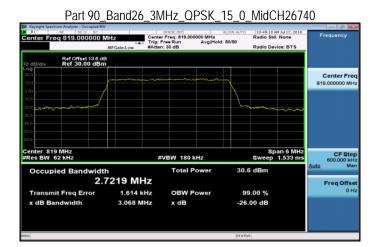
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台灣檢驗科技股份有限公司	



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Part 90_Band26_3MHz_QPSK_15_0_LowCH26705

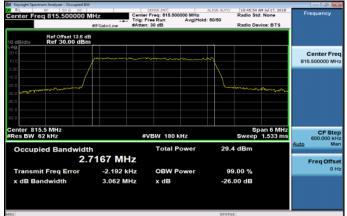
Keysight Spectrum Analyzer - Occupied BW RL IV 50 0 DC Center Freq 815,500000 N	MHz Ce	stive::INT nter Freq: 815.500000 MHz g: Free Run Avg Hol Iten: 30 dB	ALIGN AUTO	Radio Dev		Fre	quency
Ref Offset 13.6 db 10 dB/div Ref 30.00 dBn	3						
20.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~				enter Fred 500000 MHz
				~~~~~			
40.0 60.0					+~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
60.0 Center 815.5 MHz					an 6 MHz		
Res BW 62 kHz		#VBW 180 kHz		Sweep	1.533 ms		CF Step 600.000 kH
Occupied Bandwidt		Total Power	30.3	3 dBm		Auto	Mar
2.	7117 MHz					F	req Offse
Transmit Freq Error	589 Hz	OBW Power	99	9.00 %			0 H:
x dB Bandwidth	3.045 MHz	x dB	-26	.00 dB			
93			STATU	0			



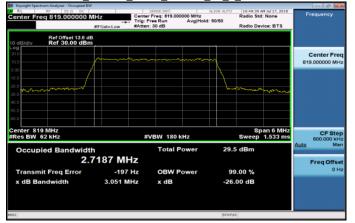
### Part 90 Band26 3MHz QPSK 15 0 HighCH26775

RL RF 50Ω D Center Freq 822.50000	0 MHz Cente	SENSE:INT Freq: 822.500000 MHz Free Run Avg Hok n: 30 dB	ALIGN AUTO 4: 50/50	10:53:47 AM Jul 17, 2018 Radio Std: None Radio Device: BTS	Frequency
10 dB/div Ref 30.00 d	⁵ dB Bm				
200 10.0 0.00		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~		Center Freq 822.500000 MHz
-10.0	/		hm	-	
40.0					
Center 822.5 MHz #Res BW 62 kHz	*	VBW 180 kHz		Span 6 MHz Sweep 1.533 ms	CF Step 600.000 kHz
Occupied Bandwi	_{dth} 2.7172 MHz	Total Power	30.6	dBm	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	8.029 kHz 3.062 MHz	OBW Power x dB		00 % 00 dB	0 Hz
93			STATUS		

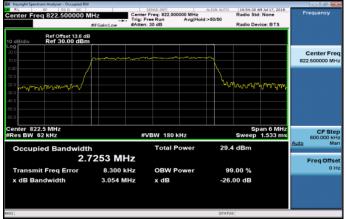
### Part 90_Band26_3MHz_16QAM_15_0_LowCH26705



### Part 90_Band26_3MHz_16QAM_15_0_MidCH26740



### Part 90 Band26 3MHz 16QAM 15 0 HighCH26775



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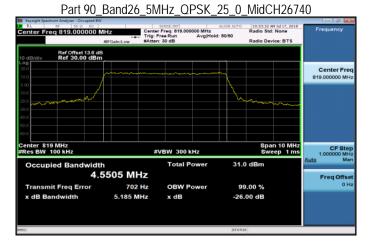
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### Part 90_Band26_5MHz_QPSK_25_0_LowCH26715

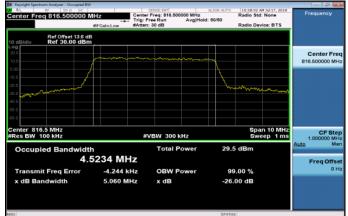
000 000 000 000 000 000 000 000	RL IV 50Ω DC Center Freq 816.500000 M	Trig	sense:snt ter Freq: 816,500000 MHz : Free Run Avg Hole en: 30 dB	ALIGN AUTO	10:27:15 AM Jul 17, 2018 Radio Std: None Radio Device: BTS	Frequency
Center Free Bib 500000 MHz Center Store Bib 500000 MHz Mar Center Store Bib 500000 MHz Mar Center Store Bib 500000 MHz Mar Freq Offsee OH	10 dB/div Ref 30.00 dBm	3				
CF Step Senter 816.5 MHz Bres BW 100 kHz Senter 816.5 MHz Bres BW 100 kHz Transmit Freq Error 2.911 kHz OBW Power 99.00 %	10.0		***	~		Center Fred 816.500000 MHz
CF Step Transmit Freq Error 2.911 kHz OBW Power 99.00 %	20.0				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Senter 816.5 MHz     Span 10 MHz     CF Ster       Res BW 100 kHz     #VBW 300 kHz     Sweep 1 ms       Occupied Bandwidth     Total Power     30.9 dBm       4.5357 MHz     Freq Offse       Transmit Freq Error     2.911 kHz	40.0 50.0					
Occupied Bandwidth Total Power 30.9 dBm 4.5357 MHz Transmit Freq Error 2.911 kHz OBW Power 99.00 %	enter 816.5 MHz		#VBW 300 kHz			1.000000 MH
Transmit Freq Error 2.911 kHz OBW Power 99.00 %			Total Power	30.9	dBm	Auto Mar
			OBW Bower	00	00 %	Freq Offset 0 Hi



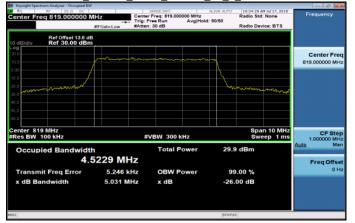
### Part 90 Band26 5MHz QPSK 25 0 HighCH26765

Center Trig: Fr s.Low #Atten:		Id:>50/50 Ra	dio Std: None dio Device: BTS	Frequency Center Freq 821.500000 MHz
			Span 10 MHz	
#V	BW 300 kHz		Sweep 1 ms	CF Step 1.000000 MHz
7 MHz	Total Power	30.5 dE	3m	Auto Man Freq Offset
0.813 kHz .160 MHz	OBW Power x dB	99.00 -26.00		0 Hz
	9.813 kHz .160 MHz			

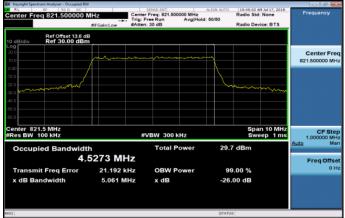
### Part 90_Band26_5MHz_16QAM_25_0_LowCH26715



### Part 90_Band26_5MHz_16QAM_25_0_MidCH26740



### Part 90 Band26 5MHz 16QAM 25 0 HighCH26765



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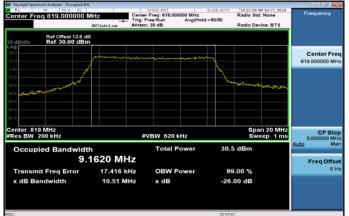
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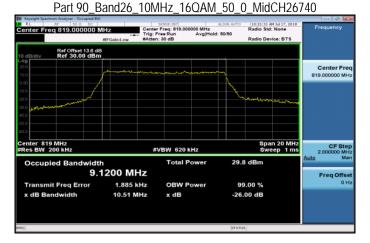
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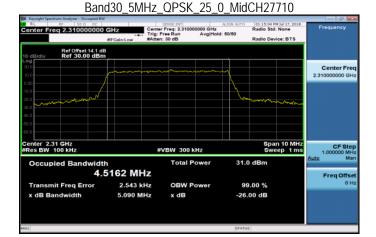
### Part 90_Band26_10MHz_QPSK_50_0_MidCH26740



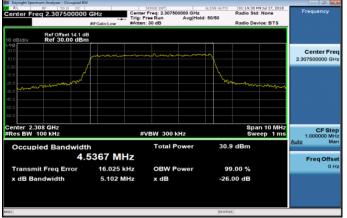


## Band30_5MHz_QPSK_25_0_LowCH27685

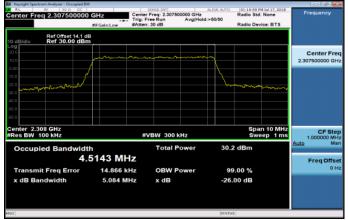








### Band30_5MHz_16QAM_25_0_LowCH27685



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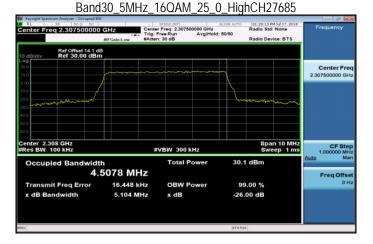
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### Band30 5MHz 16QAM 25 0 MidCH27710

Occupied BW D Q DC 0 0000000 GHz #IFGain:Low		ALIGN AUTO 00000 GHz Avg Hold: 50/50	01:15:28 PH Jul 17, 2018 Radio Std: None Radio Device: BTS	Frequency
set 14.1 dB 1.00 dBm				
		m		Center Free 2.310000000 GH2
and the second s		<u> </u>	mmmmm	
	#VBW 3001	kHz	Span 10 MHz Sweep 1 ms	CF Step 1.000000 MH
dwidth 4.5170 N		Power 30.	1 dBm	Auto Mar Freq Offset
				0 Ha
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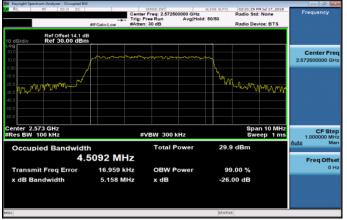


### Band30 10MHz QPSK 50 0 MidCH27710

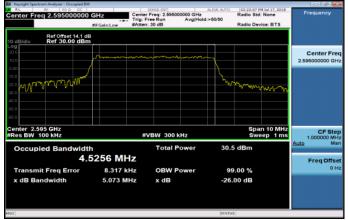
Keysight Spectrum Analyzer - Occupied  RL RF 50 Ω DC		SENSE:INT	ALIGN AUTO 11:23:36 AM Jul	- # <b>#</b>
Center Freq 2.31000000	00 GHz Cente	r Freq: 2.310000000 GHz Free Run Avg Hold n: 30 dB	Radio Std: No	ne Frequency
Ref Offset 14.1 10 dB/div Ref 30.00 dB				
2000 10.0 0.00			~	Center Freq 2.310000000 GHz
-10.0 -20.0 -30.0			monorman	in word
-40.0				
Center 2.31 GHz #Res BW 200 kHz	#	VBW 620 kHz	Span 2 Sweep	1 ms 2.000000 MHz
Occupied Bandwig	dth 0.0392 MHz	Total Power	30.8 dBm	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	16.843 kHz 10.53 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz
MSG			STATUS	

### Band30_10MHz_16QAM_50_0_MidCH27710 1:07 AM Ju Radi Ma Center Freq: 2.31 Trig: Free Run 00 GHz AvalHold: 50 ce: BTS Ref Offset 14.1 dB Ref 30.00 dBm Center Free 2.31 GHz Sp: Sw n 20 MH eep 1 m CFS #VBW 620 kHz 2.00 Occupied Bandwidt Total Powe 29.0 dBm 9.0264 MHz Freq Of Transmit Freg Error 14.416 kHz OBW Power 99.00 % 10.50 MHz x dB -26.00 dB





### Band38 5MHz QPSK 25 0 MidCH38000



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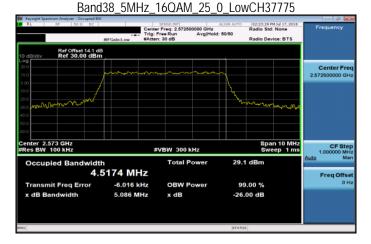
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### Band38 5MHz QPSK 25 0 HighCH38225

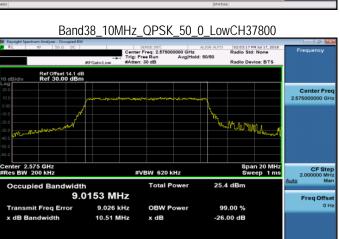
Keysight Spectrum Analyzer - Occupied BM RL IU ⁻ 50 Ω DC	Cen	sense:INT ter Freq: 2.617500000 GHz I: Free Run Avg Hol ten: 30 dB	ld: 50/50	02:22:41 PM3ul 17, 2018 Radio Std: None Radio Device: BTS	Frequency
10 dB/div Ref 30.00 dBn					
.og 20.0 10.0	mmm	~^~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	y .		Center Free 2.617500000 GH
mmal model			h h	$1 \sim 1 \sim 10^{-1}$	
80.0					
enter 2.618 GHz Res BW 100 kHz		#VBW 300 kHz		Span 10 MHz Sweep 1 ms	CF Ste 1.000000 MH
Occupied Bandwidt 4.	^h 5359 MHz	Total Power	29.9	dBm	Auto Ma Freq Offse
Transmit Freq Error x dB Bandwidth	4.045 kHz 5.043 MHz	OBW Power x dB	99. -26.0	00 % 0 dB	он

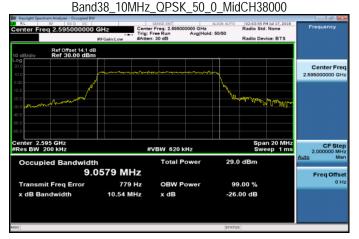


## Band38_5MHz_16QAM_25_0_MidCH38000









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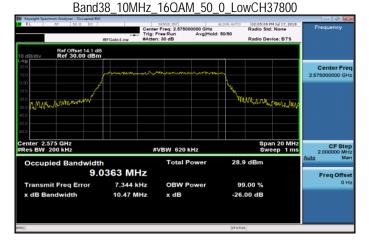
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### Band38_10MHz_QPSK_50_0_HighCH38200

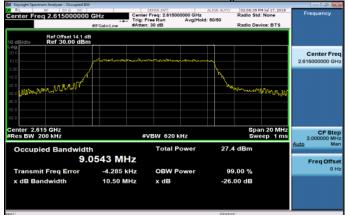




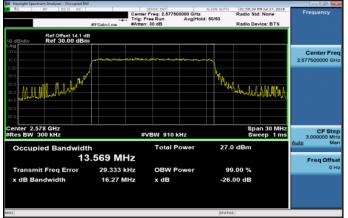
## Band38_10MHz_16QAM_50_0_MidCH38000

Keysight Spectrum Analyzer - Occupied BV	/				- 2 🕰
20 RL 10 ^π 50 Ω DC	Trig: I	SENSE:INT r Freq: 2.595000000 GHz Free Run Avg Hole 1: 30 dB	Radio d: 50/50	5:03 PH Jul 17, 2018 Std: None Device: BTS	Frequency
Ref Offset 14.1 dl 10 dB/div Ref 30.00 dBn					
		hand half matter and a second	~		Center Freq 2.595000000 GHz
10.0 -20.0 -30.0			a manse	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
40.0 60.0 60.0					
Center 2.595 GHz #Res BW 200 kHz	#	VBW 620 kHz		Span 20 MHz Sweep 1 ms	CF Step 2.000000 MHz
Occupied Bandwidt 9.	հ 0592 MHz	Total Power	29.2 dBn	n	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	-4.042 kHz 10.54 MHz	OBW Power x dB	99.00 % -26.00 dB	-	0 Hz
490			STATUS		

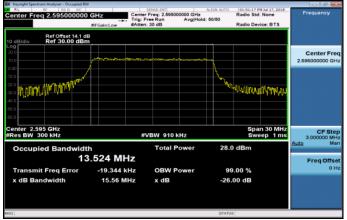
### Band38_10MHz_16QAM_50_0_HighCH38200







### Band38 15MHz QPSK 75 0 MidCH38000



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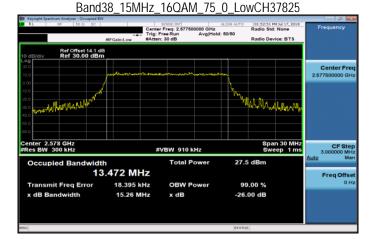
f (886-2) 2298-0488



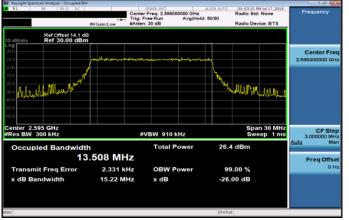
# Report No.: E2/2018/70058 Page 144 of 471

### Band38_15MHz_QPSK_75_0_HighCH38175



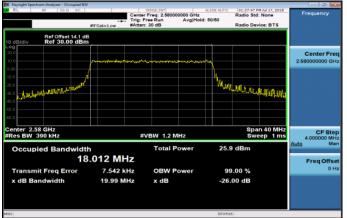


## Band38_15MHz_16QAM_75_0_MidCH38000

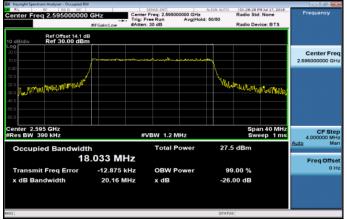




### Band38_20MHz_QPSK_100_0_LowCH37850



### Band38 20MHz QPSK 100 0 MidCH38000



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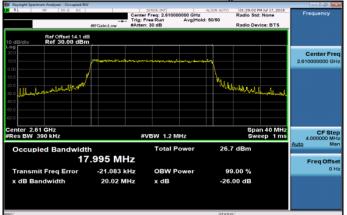
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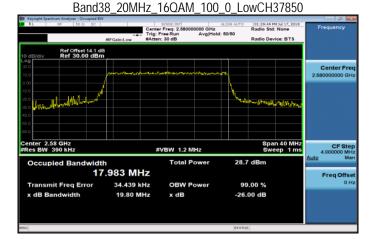
f (886-2) 2298-0488



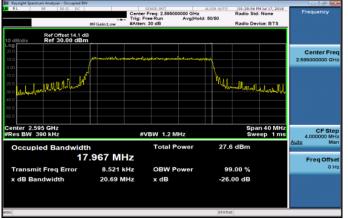
# Report No.: E2/2018/70058 Page 145 of 471

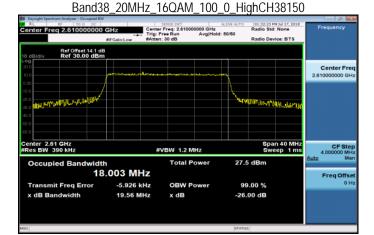
### Band38_20MHz_QPSK_100_0_HighCH38150



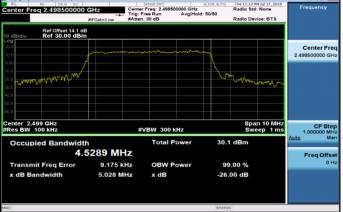


### Band38_20MHz_16QAM_100_0_MidCH38000

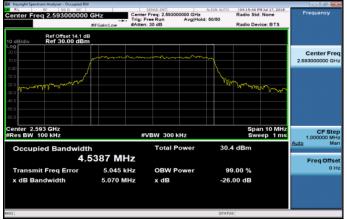








### Band41 5MHz QPSK 25 0 MidCH40620



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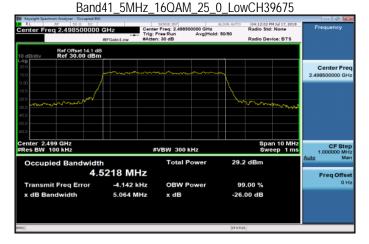
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百冯侬佩打仪	2777月112公司



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### Band41 5MHz QPSK 25 0 HighCH41565

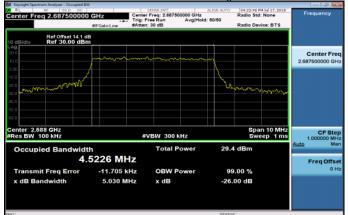
Keysight Spectrum Analyzer - Occupies RL IU SD Ω DC Center Freq 2.6875000	00 GHz Cer	sense:int Iter Freq: 2.687500000 GH ;: Free Run Avg H ten: 30 dB	tz Ra fold: 50/50	dio Std: None	Frequency
Ref Offset 14.1 10 dB/div Ref 30.00 dl	Bm				
- <b>0</b> 9 20.0 10.0 0.00		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m		Center Free 2.687500000 GH:
10.0 20.0 50.0			www.	S. Martin S.	
40.0 50.0 60.0					
enter 2.688 GHz Res BW 100 kHz		#VBW 300 kHz		Span 10 MHz Sweep 1 ms	CF Stej 1.000000 MH
Occupied Bandwi	_{dth} 4.5202 MHz	Total Power	30.4 dE	3m	Auto Mar Freq Offse
Transmit Freq Error x dB Bandwidth	-1.671 kHz 5.113 MHz	OBW Power x dB	99.00 -26.00		0 H
493			STATUS		



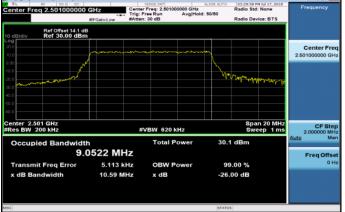
### Band41_5MHz_16QAM_25_0_MidCH40620

📕 Keysight Spectrum Analyzer - Occupied BW 🗶 RL IU: 50 Ω DC		SENSE:INT		6:20 PM Jul 17, 2018	
Center Freq 2.593000000	Citiz Trig:	r Freq: 2.593000000 GHz Free Run Avg Hold	: 50/50	o Std: None	Frequency
	#IFGain:Low #Atte	n: 30 dB	Radi	o Device: BTS	
10 dB/div Ref 30.00 dBm					
20.0	mmmm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Center Freq
10.0					2.593000000 GHz
0.00					
کی					
30.0 mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm			~~~~~	hormon	
-40.0					
60.0					
-60.0					
Center 2.593 GHz #Res BW 100 kHz	1	VBW 300 kHz		Span 10 MHz Sweep 1 ms	CF Step 1.000000 MHz
Occupied Bandwidt	h	Total Power	29.5 dB	n	Auto Man
4.9	5228 MHz				Freq Offset
Transmit Freq Error	-7.192 kHz	OBW Power	99.00	%	0 Hz
x dB Bandwidth	5.055 MHz	x dB	-26.00 d	в	
50			STATUS		

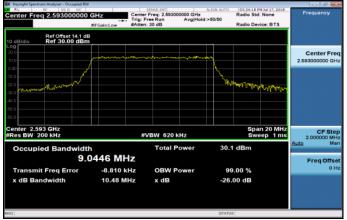
### Band41_5MHz_16QAM_25_0_HighCH41565







### Band41 10MHz QPSK 50 0 MidCH40620



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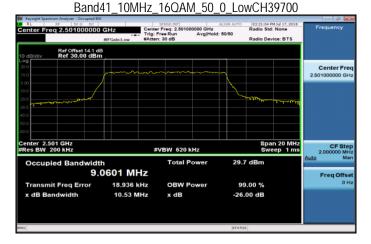
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### Band41 10MHz QPSK 50 0 HighCH41540

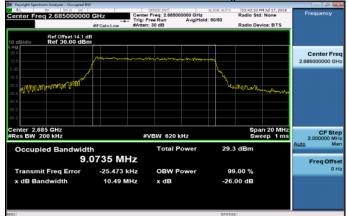
ef Offset 14.1 d	B								nter Freq 10000 GH2
	,								
							~~~~~		
Hz		#	VBW 620 k	Hz			oan 20 MHz weep 1 ms		CF Step 0000 MH
		MHz	Total P	ower	30.	.5 dBm		Auto Fre	Mar eq Offse
			OBW P x dB	ower					0 H:
	Hz Bandwidt	KHZ Bandwidth 9.0924 req Error -13.68	KHZ # Bandwidth 9.0924 MHz eq Error -13.687 kHz	KHZ #VBW 620 I Bandwidth Total P 9.0924 MHz eq Error -13.687 kHz OBW P	#VBW 620 kHz Bandwidth Total Power 9.0924 MHz eq Error -13.687 kHz OBW Power	KHZ #VBW 620 kHz Bandwidth Total Power 30. 9.0924 MHz eq Error -13.687 kHz OBW Power 9 ridth 10.54 MHz x dB -26	KHZ #VBW 620 kHz Si Bandwidth Total Power 30.5 dBm 9.0924 MHz 8 99.00 % eq Error -13.687 kHz OBW Power 99.00 % ridth 10.54 MHz x dB -26.00 dB	kHz #VBW 620 kHz Sweep 1 ms Bandwidth Total Power 30.5 dBm 9.0924 MHz eq Error -13.687 kHz OBW Power 99.00 %	KHZ #VBW 620 kHz Sweep 1 ms Bandwidth Total Power 30.5 dBm 9.0924 MHz

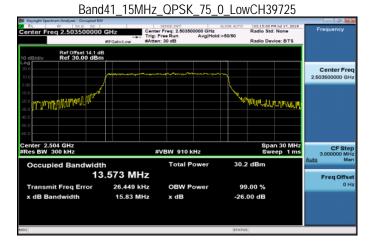


Band41 10MHz 16QAM 50 0 MidCH40620

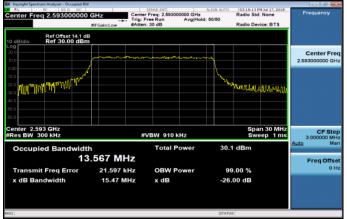
Keysight Spectrum Analyzer - Occupied I RL RF 50 Ω DC	BW	SENSE:INT	ALIGN AUTO 03:36	:01 PM Jul 17, 2018	- 2
Center Freq 2.59300000	Trig:	r Freq: 2.593000000 GHz Free Run Avg Holo n: 30 dB	Radio d: 50/50	Std: None Device: BTS	Frequency
Ref Offset 14.1 10 dB/div Ref 30.00 dB	dB				
20.0					Center Freq 2.593000000 GHz
0.00 -10.0 -20.0			Lung	mathing and	
-40.0					
-60.0 Center 2.593 GHz				span 20 MHz	
#Res BW 200 kHz	#	VBW 620 kHz		Sweep 1 ms	CF Step 2.000000 MHz Auto Man
Occupied Bandwid	.0708 MHz	Total Power	29.8 dBm		Freq Offset
Transmit Freq Error x dB Bandwidth	-7.978 kHz 10.56 MHz	OBW Power x dB	99.00 % -26.00 dE		0 Hz
49G			STATUS		

Band41_10MHz_16QAM_50_0_HighCH41540





Band41 15MHz QPSK 75 0 MidCH40620



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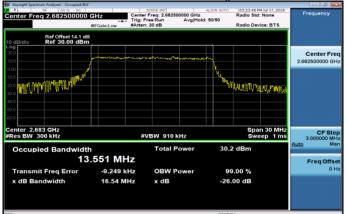
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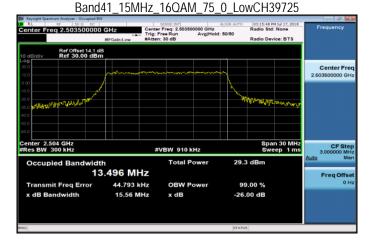
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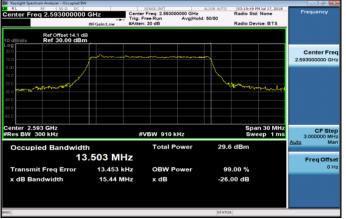
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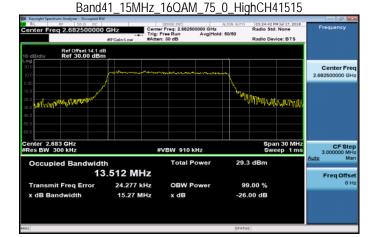
Band41_15MHz_QPSK_75_0_HighCH41515



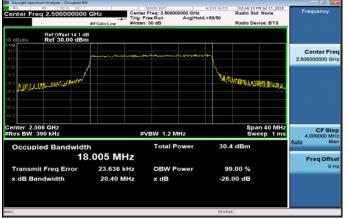


Band41_15MHz_16QAM_75_0_MidCH40620

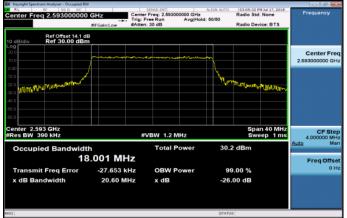








Band41 20MHz QPSK 100 0 MidCH40620



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