

# FCC\_802.11ax\_20MHz\_Chain0\_5240MHz

# FCC\_802.11ax\_20MHz\_Chain0\_5320MHz

gilent Spectrum Analyzer - Occupied BW							ctrum Analyzer -									
Center Freg 5.240000000 G	Hz Cente	SENSE INT Freq: 5.240000000 G	Hz F	04:08:40 PM May 26, 2020 Ladio Std: None	Frequency	Center	Freq 5.320	000000 G	Hz	Center Fr	vseunt) reg: 6.320000	0000 GHz	1	04:29:35 PM N Radio Std: N		Frequency
	Trig: P	reeRun Avg  30 dB	Held: 10/10	tadio Device: BTS					FGain:Low	Atten: 3	Run	Avg Hold:	10/10	Radio Devic	e: BTS	
	ouncer state			5.24947 GHz			_		roam.com							
dB/div Ref 20.00 dBm				1.4729 dBm		10 dB/di		set 13.2 dB 0.00 dBm								
				1	Center Freq	10.0					man					Center F
00 00 000000000000000000000000000000000			monder		5.240000000 GHz	0.00										5.320000000
0						-10.0										
nonen				mandmotion		-20.0	man								Marca	
						-30.0										
						-40.0										
						-60.0										
0						-70.0										
nter 5.24 GHz				Span 30 MHz			5.32 GHz							0.000	30 MHz	
es BW 240 kHz	*	VBW 680 kHz		Span 30 MHZ Sweep 1 ms			5.32 GHZ N 220 kHz			#VE	3W 680 KH	Hz			p 1 ms	CF S 3.000000
Occupied Bandwidth		Total Power	23.9 c	lBm	Auto Man	000	upied Bar	ndwidth			Total Po	wer	24.2 (	dBm		Auto
	932 MHz						aprea ba		925 MI	Hz						
					Freq Offset 0 Hz											FreqOf
Transmit Freq Error	-2.475 kHz	OBW Power	99.0		0112		smit Freq E				OBW Po	ower		00 %		
x dB Bandwidth	24.02 MHz	x dB	-26.00	) dB		x dB	Bandwidth	1	22.48 N	AHz	x dB		-26.00	0 dB		
						1										
						1										

# FCC\_802.11ax\_20MHz\_Chain0\_5260MHz

### nter Freq 5.26000000 GHz C4:14:55 PM May 26 Radio Std: None enter Freg 5.500000000 GHz 04:35:10 PM May 26 Radio Std: None Center Freq: 6. Trig: Free Run Center Freq: 6 Trig: Free Run Radio Device: BTS Radio Device: BTS Ref Offset 13.2 dB Ref 20.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm **Center Fre** Center Fre 52 Center 5.26 GHz #Res BW 220 kHz Span 30 MHz Sweep 1 ms Span 30 MHz Sweep 1 ms er 5.5 GHz BW 220 kHz CF Step CF Step #VBW 680 kH; #VBW 680 kHz Occupied Bandwidth Total Power 24.1 dBm Occupied Bandwidth Total Power 23.6 dBm 18.896 MHz 18.947 MHz Freq Offse Freq Offse -8.430 kHz 0 H -2.228 kHz OBW Power 0 H Transmit Freq Error OBW Power 99.00 % Transmit Freq Error 99.00 % x dB Bandwidth 24.65 MHz x dB -26.00 dB x dB Bandwidth 22.10 MHz x dB -26.00 dE

# FCC\_802.11ax\_20MHz\_Chain0\_5300MHz

# FCC 802.11ax 20MHz Chain0 5580MHz

FCC\_802.11ax\_20MHz\_Chain0\_5500MHz

Addres Swetzen Andyrez. De oxpled RW R		Radio Std: None Radio Device: BTS	Frequency Center Freq 5.30000000 GHz	Agtend System Markyrer, Occupied BW       0.1     More 1000 AC       Center Freq 5.580000000 GHz     MF Gaint.ew       ME Gaint.ew     MF Gaint.ew       10 dBMdw     Ref Offset 132 dB       10 g     000	SPACE BUT - Center Free 5.68000000 GHz Trig: Free fun AvgiHeld: #Atten: 30 dB	ALISVAUTO 045904 PM May 26, 2020 Radio Std: None Radio Device: BTS	Frequency Center Fre
Center Freq 5.30000000 GHz #If GaleL 10 dBIdiy Ref 00%et 132 dB 100 100 100 100 100 100 100 10	Center Free 5.3000000 GHz 	Radio Std: None Radio Device: BTS	Center Freq	Center Freq 5.580000000 GHz #IFGain:Low Ref Offset 13.2 dB	Center Freq: 6,68000000 GHz Trig: Free Run Avg Hold: #Atten: 30 dB	Radio Std: None 10/10	Center Fre
10 dB/div Ref 20.00 dBm					an and a start and a second		
10.0 0.00 				10.0 0.00			
and the second				10.0			5.58000000 G
30.0		mannen		-20.0 -30.0			
40.0 50.0				40.0			
70.0				.70.0			
Center 5.3 GHz #Res BW 220 kHz	#VBW 680 kHz	Span 30 MHz Sweep 1 ms	CF Step 3.000000 MHz	Center 5.58 GHz #Res BW 220 kHz	#VBW 680 kHz	Span 30 MHz Sweep 1 ms	CF St 3.000000 M
Occupied Bandwidth	Total Power	23.8 dBm	Auto Man	Occupied Bandwidth	Total Power	23.8 dBm	Auto Mi
18.934	MHz		Freq Offset	18.926 N	ſHz		Freq Offs
Transmit Freq Error 2.2	220 kHz OBW Power	99.00 %	0 Hz	Transmit Freq Error -8.188	8 kHz OBW Power	99.00 %	01
x dB Bandwidth 24.	.45 MHz x dB	-26.00 dB		x dB Bandwidth 21.81	MHz x dB	-26.00 dB	
Mag		STATUS		MSO		STATUS	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



# FCC\_802.11ax\_20MHz\_Chain0\_5700MHz

# FCC\_802.11ax\_20MHz\_Chain0\_5785MHz

FCC\_802.11ax\_20MHz\_Chain0\_5825MHz

Agilent Spectrum Analyzer - Occupied BW						Agilent Spectr	rum Analyzer - O							
Center Freq 5.700000000 G		Freq: 5.700000000 GHz ee Run Avg Hol 30 dB	Ra d: 10/10	dio Std: None dio Device: BTS	Frequency	Center F	req 5.7850		10. To	strate INT enter Freq: 6.785000 rig: Free Run litten: 30 dB		Ra 10/10	6:12:22 PM May 26, 2020 idio Std: None idio Device: BTS	Frequency
10 dB/div Ref Offset 13.2 dB Ref 20.00 dBm						10 dB/div	Ref Offse Ref 20.							
000		Jennesson			Center Freq 5.70000000 GHz							handling		Center Fre 5.785000000 GH
20.0 30.0			<b>x</b>	Munn		-20.0	marray						manne	
40.0 50.0 60.0						-40.0								
70.0						-70.0								
Center 5.7 GHz Res BW 220 kHz	#V	BW 680 kHz		Span 30 MHz Sweep 1 ms	CF Step 3.000000 MHz	Center 5 #Res BW				#VBW 300 k	Hz	Sv	Span 30 MHz weep 2.933 ms	CF Ste 3.000000 Mi
Occupied Bandwidth		Total Power	23.6 dE	Bm	<u>Auto</u> Man	Occu	pied Band	dwidth		Total Po	ower	24.0 di	Bm	Auto Ma
18.	895 MHz				Freq Offset			18.8	81 MHz					Freq Offse
Transmit Freq Error	-6.238 kHz	OBW Power	99.00	%	0 Hz	Transr	mit Freq Er	TOF	121 Hz	OBW P	ower	99.00	0%	он
x dB Bandwidth	21.65 MHz	x dB	-26.00	dB		x dB B	landwidth		18.62 MHz	x dB		-6.00	dB	
eso .			STATUS			MSG						STATUS		

# FCC\_802.11ax\_20MHz\_Chain0\_5720MHz

### nter Freq 5.720000000 GHz enter Freq 5.825000000 GHz 06:15:55 PM May 26 Radio Std: None Center Freq: 6. Trig: Free Run 00 GHz Radio Device: BTS Radio Device: BTS 5.72039 GHz 6.6320 dBm Ref Offset 13.2 dB Ref 30.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm Center Fre Center Fre 5 72000000 GH Span 30 MHz Sweep 1 ms Center 5.72 GHz #Res BW 220 kHz er 5.825 GHz BW 100 kHz Span 30 MHz tep 2.933 mt CF Step Sweep CF Step #VBW 680 kH #VBW 300 kHz 3.00 Ma Occupied Bandwidth Total Power 23.4 dBm Occupied Bandwidth Total Power 24.0 dBm 18.920 MHz 18.888 MHz Freq Offse Freq Offse Transmit Freq Error 7.840 kHz 0 H 4.488 kHz 0 H OBW Powe 99.00 % Transmit Freq Error OBW Power 99.00 % x dB Bandwidth 21.44 MHz x dB -26.00 dB x dB Bandwidth 18.50 MHz x dB -6.00 dE

# FCC\_802.11ax\_20MHz\_Chain0\_5745MHz

# FCC 802.11ax 20MHz Chain1 5180MHz

	nalyzer - Occupied BW						Agilent Spectrum Analyzer -					
	5.745000000 G		Freq: 5.745000000 GHz ee Run Avg He 30 dB	ALDINAUTO [06:09:08 PM1 Radio Std: N Id: 10/10 Radio Devic	lone	Frequency	Center Freq 5.180	000000 GHz	Center Freq: 6.180000000 Trig: Free Run Av #Atten: 30 dB	GHz Radio S g Hold: 10/10	15 PM May 26, 2020 Rtd: None Frequ Device: BTS	luency
10 dB/div	Ref Offset 13.2 dB Ref 20.00 dBm			Mkr1 5.7355 -1.411			10 dB/div Ref 20	set 13.2 dB 0.00 dBm				
10.0	سسين	Lenner		man		Center Freq 5.745000000 GHz		Juneman		m		nter Fre 00000 GH
-10.0 -20.0 -30.0	man			hand	·····		-10.0 -20.0 -30.0				March Marca	
-40.0							-40.0					
-70.0							-70.0					
Center 5.745 #Res BW 100		#\	/BW 300 kHz	Span Sweep 2	30 MHz .933 ms	CF Step 3.000000 MHz	Center 5.18 GHz #Res BW 220 kHz		#VBW 680 kHz		weep 1 ms 3.000	CF Ste
Occupied	d Bandwidth		Total Power	24.0 dBm		Auto Man	Occupied Bar	ndwidth	Total Powe	er 24.5 dBm	Auto	Ма
	18.9	916 MHz			[	Freq Offset		18.875 MH	Ηz		Fre	eq Offse
Transmit F		1.005 kHz	OBW Power	99.00 %	I	0 Hz	Transmit Freq E					0 H
x dB Band	lwidth	17.96 MHz	x dB	-6.00 dB			x dB Bandwidth	n 21.07 M	lHz xdB	-26.00 dB		
MSG				STATUS			M9G			STATUS		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



### FCC\_802.11ax\_20MHz\_Chain1\_5220MHz

# FCC\_802.11ax\_20MHz\_Chain1\_5300MHz

gilent Spectrum Analyzer - Occupied B							spectrum Analyzer							
enter Freq 5.220000000	GHz Cente	Free Run Avg Hel	R	04:05:14 PM May 26, 2020 adio Std: None	Frequency	Cent	er Freq 5.30	0000000 0	GHz Ce	sense pro inter Freq: 6.3000000 ig: Free Run	00 GHz AvgiHeld: 10/10	Radio St	M May 26, 2020 td: None	Frequency
	MFGain:Low #Atter	n: 30 dB	Ri	adio Device: BTS				,	IFGain:Low #A	tten: 30 dB		Radio De	evice: BTS	
Ref Offset 13.2 dl dB/div Ref 20.00 dBn						10 dB/		fset 13.2 dB 0.00 dBm						
9 0 00 00		~			Center Freq 5.220000000 GHz			,		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		m		Center F 5.300000000
-				monen		-10.0 -20.0 -30.0	- march					- Kon	mun	
						-40.0								
.0						-70.0						_		
nter 5.22 GHz Span 30 MHz es BW 220 kHz \$VBW 680 kHz Sweep 1 ms			CF Step 3.000000 MHz		er 5.3 GHz BW 220 kHz			#VBW 680 kH	z		an 30 MHz veep 1 ms	CF S		
Occupied Bandwidt	h	Total Power	24.4 d	Bm	<u>Auto</u> Man	0	cupied Ba	ndwidth		Total Pov	wer 24	4.4 dBm		Auto
	8.886 MHz				Freq Offset				872 MHz					Freq Off
Transmit Freq Error	-17.850 kHz	OBW Power	99.0	0 %	0 Hz	Tra	insmit Freq	Error	-5.275 kHz	OBW Por	wer	99.00 %		
x dB Bandwidth	21.33 MHz	x dB	-26.00	dB		×d	B Bandwidt	h	21.20 MHz	x dB	-2	6.00 dB		
2			STATUS			MSG					STA	TUS		

# FCC\_802.11ax\_20MHz\_Chain1\_5240MHz

### nter Freq 5.240000000 GHz 04:11:30 PM May 26 Radio Std: None enter Freg 5.320000000 GHz Center Freq: 6. Trig: Free Run 04:32:25 PM May 26 Radio Std: None Center Freq: 6.2 Trig: Free Run 10/10 Radio Device: BTS Radio Device: BTS 5.24943 GHz 1.9875 dBm Ref Offset 13.2 dB Ref 20.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm **Center Fre** Center Free 5 24 5 320000000 0 Center 5.24 GHz #Res BW 220 kHz Span 30 MHz Sweep 1 ms er 5.32 GHz BW 220 kHz Span 30 MHz Sweep 1 ms CF Step CF Step #VBW 680 kH; #VBW 680 kHz 3.00 Occupied Bandwidth Total Power 24.1 dBm Occupied Bandwidth Total Power 24.3 dBm 18.866 MHz 18.868 MHz Freq Offse Freq Offse -6.142 kHz 0 H -8.977 kHz OBW Power 0 H Transmit Freq Error OBW Power 99.00 % Transmit Freq Error 99.00 % x dB Bandwidth 20.87 MHz x dB -26.00 dB dB Bandwidth 20.96 MHz x dB -26.00 dE

# FCC\_802.11ax\_20MHz\_Chain1\_5260MHz

# FCC 802.11ax 20MHz Chain1 5500MHz

FCC\_802.11ax\_20MHz\_Chain1\_5320MHz

Adlent Spectrum Analyzer - Occupied BW RL #F 50 5 AC Center Freq 5.260000000 (		severation r Freq: 6.260000000 GH ree Run Avg H c: 30 dB	z / old: 10/10	(04:19:23 PM May 26, 2020) Radio Std: None Radio Device: BTS	Frequency	CN RL	req 5.5000	000000 G		SEASE DAT Center Freq: 5.50 Trig: Free Run #Atten: 30 dB	0000000 GHz Avg[Hol	d: 10/10	04:55:38 PM May 26, 2020 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 132 dB       10 dB/div     Ref 20.00 dBm       10 0     0.00       10.0     0.00       10.0     0.00			·		Center Freq 5.26000000 GHz			et 13.2 dB 00 dBm		****		·		Center Free 5.50000000 GH
200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				Span 30 MHz	CF Step 3.00000 MHz	20.0 -40.0 -50.0 -70.0 Center 5 #Res BW	.5 GHz			#VBW 68			Span 30 MHz Sweep 1 ms	
Occupied Bandwidth	18.866 MHz		3.00000 MHz Auto Man Freq Offset 0 Hz	Occu	pied Ban	18.	884 MH -16.641 ki	Total Z	Power		dBm 00 %	3.00000 MH Auto Ma Freq Offse 0 H		
x dB Bandwidth	21.23 MHz	x dB	-26.00	0 dB		x dB E	andwidth		21.09 M	Hz xdB		-26.0	0 dB	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



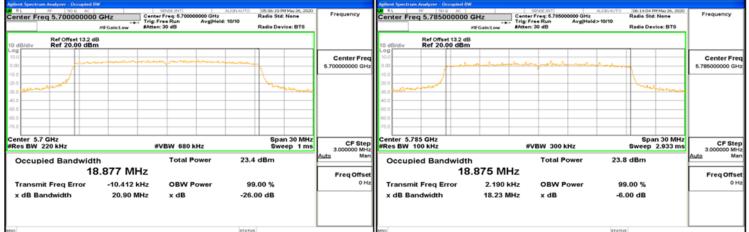
### FCC\_802.11ax\_20MHz\_Chain1\_5580MHz

# FCC\_802.11ax\_20MHz\_Chain1\_5745MHz

FCC 802.11ax 20MHz Chain1 5785MHz

gilent Spectrum Analyzer - Occupied B						rum Analyzer - Occupied B	w				
Center Freq 5.58000000	GHZ Cente	Free Run Avg Hold	ALIONAUTO 05:01:20 PM May 26, Radio Std: None	Frequency	Center F	req 5.745000000	GHz	ster Freq: 5.745000000 GHz g: Free Run Avg Hol	Ra	6:10:47 PM May 26, 2020 Idio Std: None	Frequency
	ATFGain:Low #Atte	n: 30 dB	Radio Device: BT	:			Alf Gain:Low #At	ten: 30 dB		idio Device: BTS	
Ref Offset 13.2 d Ref 20.00 dBn					10 dB/div	Ref Offset 13.2 d Ref 20.00 dBn				5.73557 GHz -1.9510 dBm	
			umin	Center Free 5.580000000 GHz			and a strand and a second	hoyammeria	m		Center F 5.745000000
an marked and the second second			- Arrighter	~.	-20.0					manna	
J					-40.0						
0					-70.0						
nter 5.58 GHz es BW 220 kHz		VBW 680 kHz	Span 30 M Sweep 1		Center 5 #Res BW			#VBW 300 kHz	Sv	Span 30 MHz weep 2.933 ms	CF :
Occupied Bandwidt	h	Total Power	23.6 dBm	Auto Mar	Occu	pied Bandwidt	h	Total Power	23.2 dE	Bm	Auto
18	8.868 MHz			Freq Offse		18	3.868 MHz				FreqOf
Transmit Freq Error	3.397 kHz	OBW Power	99.00 %	0 Ha	Trans	mit Freq Error	9.436 kHz	OBW Power	99.00	0%	
x dB Bandwidth	21.18 MHz	x dB	-26.00 dB		X dB E	Bandwidth	18.59 MHz	x dB	-6.00	dB	
3			STATUS		MSG				STATUS		

# FCC\_802.11ax\_20MHz\_Chain1\_5700MHz



# FCC\_802.11ax\_20MHz\_Chain1\_5720MHz

# FCC\_802.11ax\_20MHz\_Chain1\_5825MHz

Agilent Spectrum Analyzer - Occupied B					Agilent Spectrum Analyz						
Center Freg 5.720000000	GHz Center Freg: 5.720	ALIGN AUTO	06:52:42 PM May 28, 2020 Radio Std: None	Frequency	Center Freq 5.8	25000000 GHz	Center	Freq: 5.825000000 GHz	Radio	20 PM May 26, 2020 Std: None	Frequency
	#IFGain:Low #Atten: 30 dB	Avg[Hold: 30/30	Radio Device: BTS			#IF Gain	Low #Atten:	ee Run Avg Ho 30 dB		Device: BTS	
10 dB/div Ref 30.00 dBm		Mkr	1 5.72195 GHz 6.7457 dBm			Offset 13.2 dB 20.00 dBm					
20.0 10.0	, And March and and a second	1		Center Freq 5.72000000 GHz			han han to be down		men		Center Freq 5.825000000 GHz
0.00 -10.0 -20.0 -20.0			have a second		-10.0 -20.0 -30.0				<u> </u>	man	
-30.0			malenare		-40.0						
60.0 Center 5.72 GHz			Span 30 MHz		-70.0 Center 5.825 GH					pan 30 MHz	
#Res BW 220 kHz	#VBW 680	0 kHz	Sweep 1 ms	CF Step 3.000000 MHz	HDec DW 400 kt		#V	BW 300 kHz		pan 30 MHz p 2.933 ms	CF Step 3.000000 MHz
Occupied Bandwidt	h Total	Power 23.2	2 dBm	<u>Auto</u> Man	Occupied B	andwidth		Total Power	23.5 dBm	1	Auto Man
18	3.901 MHz			Freq Offset		18.87	1 MHz				Freq Offset
Transmit Freq Error	-10.363 kHz OBW	Power 99	9.00 %	0 Hz	Transmit Fre	Error -15	.318 kHz	OBW Power	99.00 %		0 Hz
x dB Bandwidth	21.14 MHz x dB	-26.	00 dB		x dB Bandwid	th 1	8.44 MHz	x dB	-6.00 dB	1	
MSG		STATU	5		MSG				STATUS		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



# FCC\_802.11n\_40MHz\_Chain0\_5190MHz

# FCC\_802.11n\_40MHz\_Chain0\_5310MHz

Enter Freq 5.190000000 GHz Center Freq 5.190000000 GHz Center Freq 5.19000000 GHz Radio Std: None   Ref Offset 132 dB ArgHeld: 1010 Radio Device: BTS   Ref Offset 132 dB Galacter Made Device: BTS   00 Galacter Ref Offset 132 dB   00 Galacter Span 50 MHz   00 Genter 5.11 GHz SvBW 1.3 MHz   Span 50 MHz Sweep 1 ms   00 Galacter Stab 8H 2 0BW Power   00 Galacter Stab 8Hz   00 Galacter <td< th=""><th>gilent Spectrum Analyzer - Occupied B</th><th></th><th></th><th></th><th></th><th>Agilent Spectrum Analyzer - Occupied BW</th><th></th><th></th><th></th><th></th></td<>	gilent Spectrum Analyzer - Occupied B					Agilent Spectrum Analyzer - Occupied BW				
Operative   Ref 20.00 dBm     Operative   Ref 20.00 dBm   Ref 20.00 dBm     Operative   Ref 20.00 dBm   Ref 20.00 dBm   Ref 20.00 dBm     Operative   Ref 20.00 dBm   Ref 20.00 dBm   Ref 20.00 dBm     Operative   Ref 20.00 dBm   Ref 20.00 dBm   Ref 20.00 dBm   Ref 20.00 dBm     Operative   Ref 20.00 dBm   Ref 20.		GHz Cente Trig: F	r Freq: 5.190000000 GHz ree Run Avg Ho	Radio Std: None Id: 10/10	Frequency	Center Freq 5.310000000 G	Hz Center Trig: Fr	Freq: 5.310000000 GHz ree Run Avg Hold	Radio Std: None	50 Frequency
00   00 <td< td=""><td>0 dB/div Ref 20.00 dBn</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	0 dB/div Ref 20.00 dBn									
and and a state of the sta			·					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Center Fr 5.310000000 0
Image: Span 50 MHz Image: Span 50 MHz <td>.0</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	.0				-					
Res BW 430 kHz #VBW 1.3 MHz \$weep 1 ms CP Step 500000 MHz #Res BW 430 kHz #VBW 1.3 MHz \$weep 1 ms 600000 MHz   Occupied Bandwidth Total Power 22.6 dBm Auto Man Occupied Bandwidth Total Power 23.2 dBm Auto Auto   36.061 MHz Transmit Freq Error 22.923 kHz OBW Power 99.00 % 0Hz Stansmit Freq Error 28.886 kHz OBW Power 99.00 % Freq Offset Freq Offset 1   x dB Bandwidth 45.08 MHz x dB -26.00 dB 0Hz 0Hz x dB Bandwidth 44.53 MHz x dB -26.00 dB Freq Offset Freq Offset Freq Offset 0Hz 1	.0					-50 0 -60 0				
Res BW 430 kHz #VBW 1.3 MHz \$weep 1 ms CP Step 1 ms #Res BW 430 kHz #VBW 1.3 MHz \$weep 1 ms 6,00000 Meg   Occupied Bandwidth Total Power 22.6 dBm Auto Man Occupied Bandwidth Total Power 23.2 dBm Auto Auto   36.061 MHz Transmit Freq Error 22.923 kHz OBW Power 99.00 % 0Hz Transmit Freq Error 28.886 kHz OBW Power 99.00 % Freq 0ffset 0Hz Transmit Freq Error 28.886 kHz OBW Power 99.00 % Freq 0ffset 0Hz 1 Transmit Freq Error 28.886 kHz OBW Power 99.00 % Freq 0ffset 0Hz 1				Enap 50 MH		Center 5 21 CHr			Spap 50 MH	
Occupied Bandwidth Total Power 22.6 dBm Cocupied Bandwidth Total Power 23.2 dBm   36.061 MHz S6.061 MHz S6.060 MHz S6.060 MHz S6.060 MHz Freq offset S6.060 MHz Freq offset Freq offset S6.060 MHz Freq offset Freq offset S6.060 MHz Freq offset Freq offset Freq offset Freq offset S6.060 MHz Freq offset <th>Res BW 430 kHz</th> <th>#</th> <th>VBW 1.3 MHz</th> <th></th> <th>_ CF Step</th> <th>HDee DW 420 kUs</th> <th>#\</th> <th>/BW 1.3 MHz</th> <th></th> <th></th>	Res BW 430 kHz	#	VBW 1.3 MHz		_ CF Step	HDee DW 420 kUs	#\	/BW 1.3 MHz		
Transmit Freq Error 22.923 kHz OBW Power 99.00 % 0 Hz 1	Occupied Bandwidt	h	Total Power	22.6 dBm				Total Power	23.2 dBm	Auto
x dB Bandwidth 45.08 MHz x dB -26.00 dB x dB Bandwidth 44.53 MHz x dB -26.00 dB	36	3.061 MHz			Freq Offset	36.0	060 MHz			Freq Off
	Transmit Freq Error	22.923 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	28.886 kHz	OBW Power	99.00 %	
	x dB Bandwidth	45.08 MHz	x dB	-26.00 dB		x dB Bandwidth	44.53 MHz	x dB	-26.00 dB	
	80			STATUS					STATUS	

# FCC\_802.11n\_40MHz\_Chain0\_5230MHz

### ter Freg 5.230000000 GHz Center Freq: 6. Trig: Free Run enter Freg 5.510000000 GHz 12:33:50 PM May 26 Radio Std: None Center Freq: 6.5 Trig: Free Run 10/10 Radio Device: BTS Radio Device: BTS 5.24804 GHz 0.78525 dBm Ref Offset 13.2 dB Ref\_20.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm **Center Fre** Center Free 5 23000 5 510000000 0 Center 5.23 GHz Res BW 470 kHz Span 50 MHz Sweep 1 ms er 5.51 GHz BW 470 kHz Span 50 MHz Sweep 1 ms CF Step CF Step #VBW 1.3 MH #VBW 1.3 MHz 5.00 Occupied Bandwidth Total Power 23.4 dBm Occupied Bandwidth Total Power 24.0 dBm 36.085 MHz 36.038 MHz Freq Offse Freq Offse 1.601 kHz 0 H 19.562 kHz OBW Power 0 H Transmit Freq Error OBW Power 99.00 % Transmit Freq Error 99.00 % x dB Bandwidth 49.62 MHz x dB -26.00 dB x dB Bandwidth 44.44 MHz x dB -26.00 dE

# FCC\_802.11n\_40MHz\_Chain0\_5270MHz

# FCC 802 11n 40MHz Chain0 5550MHz

FCC\_802.11n\_40MHz\_Chain0\_5510MHz

Agilent Spectrum Analyzer - Occupied EW				112	Agilent Spectrum Analyzer - Occupied BW	2.1111_401011			<u> </u>
Center Freq 5.270000000 (	SEN	eq: 6.270000000 GHz Run Avg Held: 1	IONAUTO 11.55: 10 AM May 26, 2020 Radio Std: None 0/10 Radio Device: BTS	Frequency	OF RL NF 50.9 AC Center Freq 5.550000000 G	HZ Center Freq: 6.550 Trig: Free Run Gain:Low #Atten: 30 dB	000000 GHz Radie Avg Held: 10/10	15 PM May 26, 2020 Std: None Device: BTS	Frequency
10 dB/div Ref 20.00 dBm					10 dB/div Ref 20.00 dBm				
10.0 0.00			mmm	Center Freq 5.270000000 GHz			*****		Center Freq 6.55000000 GHz
-10.0					-20.0			-	
-40.0					-40.0				
-60.0					-70.0				
Center 5.27 GHz #Res BW 430 kHz	#VB	W 1.3 MHz	Span 50 MHz Sweep 1 ms		Center 5.55 GHz #Res BW 430 kHz	#VBW 1.3	S MHz S	pan 50 MHz weep 1 ms	CF Step 5.000000 MH
Occupied Bandwidth		Total Power	22.6 dBm	Auto Man	Occupied Bandwidth	Total	Power 23.5 dBm	Au	<u>ito</u> Mar
36.	060 MHz			Freq Offset	35.9	989 MHz		Г	Freq Offset
Transmit Freq Error	10.827 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	1.988 kHz OBW	Power 99.00 %	- L	0 Hz
x dB Bandwidth	46.46 MHz	x dB	-26.00 dB		x dB Bandwidth	43.92 MHz x dB	-26.00 dB		
MSG			STATUS		MSG		STATUS		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

SGS Taiwan Ltd.	No.134, Wu Kung Road, Ne	w Taipei Industrial Park, Wuku District,	New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
台灣檢驗科技股份有限公司	t (886-2) 2299-3279	f (886-2) 2298-0488	www.sgs.com.tw
			NA 1 (2000 0



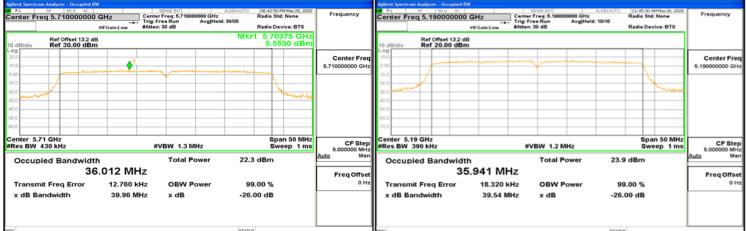
# FCC\_802.11n\_40MHz\_Chain0\_5670MHz

# FCC\_802.11n\_40MHz\_Chain0\_5795MHz

FCC 802.11n 40MHz Chain1 5190MHz

gilent Spectrum Analyzer - Occupied							malyzer - Occupied I	SW/				
enter Freq 5.67000000	GHz Cen	ter Freq: 5.670000000 G : Free Run Avg en: 30 dB	ALIONAUTO [02:45:20 PM1 Hz Radio Std: N Hold: 10/10 Radio Devic	lone	Frequency	Center Freq	5.79500000	Tri	sever pvr nter Freq: 6.796000000 GH: ig: Free Run Avg He tten: 30 dB	z Radio St old: 10/10	PM May 26, 2020 d: None wice: BTS	Frequency
0 dB/div Ref 20.00 dB						10 dB/div	Ref Offset 13.2 d Ref 20.00 dBr	B n				
0.0			manny		Center Freq 5.67000000 GHz		-		han perhatantartartartartartartartartartartartartart	t- white marked		Center F 5.795000000 0
and the second			<b>\</b>	wantrade		-20.0			¥			
						-40.0 -50.0 -60.0						
enter 5.67 GHz				50 MHz		-70.0 Center 5.79					an 50 MHz	
tes BW 430 kHz		#VBW 1.2 MHz		p 1 ms		#Res BW 10			#VBW 300 kHz		ep 4.8 ms	CF S 5.000000
Occupied Bandwid	th	Total Power	23.6 dBm		Auto Man	Occupie	d Bandwid	th	Total Power	23.2 dBm		Auto
3	5.952 MHz				Freq Offset		3	5.929 MHz				Freq Off
Transmit Freq Error	-32.009 kHz	OBW Power	99.00 %		0 Hz	Transmit	Freq Error	-9.884 kHz	OBW Power	99.00 %		
x dB Bandwidth	40.14 MHz	x dB	-26.00 dB			x dB Ban	dwidth	35.49 MHz	x dB	-6.00 dB		
8			STATUS			MSG				STATUS		

# FCC\_802.11n\_40MHz\_Chain0\_5710MHz



# FCC\_802.11n\_40MHz\_Chain0\_5755MHz

# FCC\_802.11n\_40MHz\_Chain1\_5230MHz

Agilent Spectrum													gilent Spectrum										
Center Fred				z	Center	req: 6.7650	00000 GHz	ALIGNAUTO	Radio 1	29 PM May 26, 2020 Std: None	Frequency		enter Fre			Hz	Center Fr	vse.svr] reg: 6.23000	0000 GHz	ALIGNAUTO	11:52:16 Radio St	AM May 26, 2021 d: None	Frequency
			ATE	Gain:Low	#Atten:		Avg[Hold	10/10	Radio	Device: BTS		IC			A18	Gain:Low	#Atten: 30	e Run D dB	Avg[Hold	10/10	Radio D	vice: BTS	
10 dB/div		ffset 13. 20.00 d						Mkr	1 5.7	3703 GHz 9001 dBm		10	0 dB/div		et 13.2 dB .00 dBm					Mkr	1 5.24 0.90	798 GHz 458 dBrr	
10.0 0.00	•					muluks			-		Center Freq 5.755000000 GHz		10.0 1.00	-					····•		~~~{	_	Center Freq 5.23000000 GHz
-20.0 -30.0	/					Ĭ				and the second second		9	20.0										
-50.0		_										-5	50.0										
Center 5.75 #Res BW 10					#V	BW 3001	Hz			pan 50 MHz eep 4.8 ms			Center 5.23 Res BW 3				#VE	SW 1.2 M	Hz			an 50 MHz reep 1 ms	CF Step 5.00000 MHz
Occupie	ed Ba	ndwi	dth			Total P	ower	22.2	2 dBm		Auto Man	IE	Occupi	ed Bar	dwidth			Total Pe	ower	23.8	dBm		Auto Man
	ccupied Bandwidth Total Power 22.2 dBm 35.942 MHz					Freq Offset	1				969 M	Hz						Freq Offset					
Transmit	t Freq	Error		-12.662	kHz	OBW P	ower	99	9.00 %		0 Hz		Transmit	t Freq E	rror	-2.080	kHz	OBW P	ower	99	.00 %		0 Hz
x dB Ban	ndwidt	th		35.711	MHz	x dB		-6.	00 dB				x dB Bar	ndwidth	1	39.70	MHz	x dB		-26.0	00 dB		
M9G	STATUS									MS	93							STATUS					

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

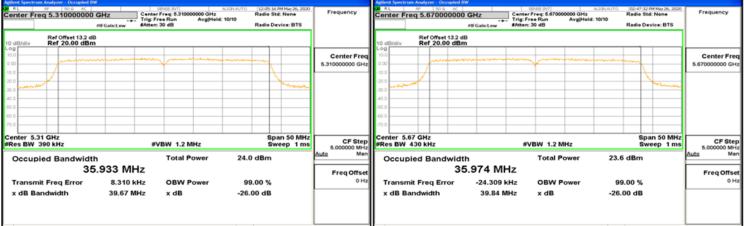


# FCC\_802.11n\_40MHz\_Chain1\_5270MHz

# FCC\_802.11n\_40MHz\_Chain1\_5550MHz

Ngilent Spectrum Analyzer - Occupied BV	4				Agilent Spectrum Analyzer - Occupied BW			
AL NF 50.9 AC Center Freq 5.270000000	GHz Center	Freq: 5.270000000 GHz ree Run Avg Hold : 30 dB	ALIGNAUTO [11:99:20 AMMay 26, 2020 Radio Std: None £: 10/10 Radio Device: BTS	Frequency	Center Freq 5.550000000 G	Gain:Low Atten: 30 dB	ALIONAUTO (02-43:11 (M Mw/26, 2020 0000 GHz Radio Std: None Avg Hold: 10/10 Radio Device: BTS	Frequency
10 dB/div Ref 20.00 dBm					10 dB/div Ref Offset 13.2 dB Ref 20.00 dBm			
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	·		Center Freq 5.270000000 GHz				Center Fre 5.550000000 GR
					20.0			
0.0					40.0 60.0 60.0			
enter 5.27 GHz			Span 50 MHz		Center 5.55 GHz		Span 50 MHz	
Res BW 390 kHz	#	VBW 1.2 MHz	Sweep 1 ms	5.000000 MHz	#Res BW 390 kHz	#VBW 1.2 M	Hz Sweep 1 ms	5.000000 M
Occupied Bandwidth		Total Power	23.3 dBm	<u>Auto</u> Man	Occupied Bandwidth	Total Po	wer 23.1 dBm	<u>Auto</u> M
35	.971 MHz			Freq Offset	35.9	988 MHz		Freq Offs
Transmit Freq Error	11.708 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	167 Hz OBW Po	ower 99.00 %	0
x dB Bandwidth	39.30 MHz	x dB	-26.00 dB		x dB Bandwidth	39.71 MHz x dB	-26.00 dB	
80			STATUS		MSG		STATUS	

# FCC\_802.11n\_40MHz\_Chain1\_5310MHz



# FCC\_802.11n\_40MHz\_Chain1\_5510MHz

# ECC 802 11n 40MHz Chain1 5710MHz

FCC\_802.11n\_40MHz\_Chain1\_5670MHz

Aglient Spectrum A R RL F Center Freq	11	50 9 AC	GHz	SENSE INT Center Freq: 6,5100 Trig: Free Run #Atten: 30 dB	48:40 PM N io Std: N io Devic		Frequency	CM RL	Spectrum An RF er Freq :	50 9	AC 00000 G	GHZ IFGain:Low		ENIE INT Freq: 5.7100 ee Run 30 dB			Radio St Radio De	evice: BTS	Frequency		
10 dB/div		ffset 13.2 di 20.00 dBn								10 dB		Ref Offse Ref_30.0						MK		'018 GHz 141 dBm	
10.0 0.00	1		~~~~~~~~~						Center Freq 5.51000000 GHz				manan	1 		سسر		allow brown			Center Free 5.710000000 GH
-20.0	$\langle  $									-10.0		A				<b>*</b>					
-30.0										-20.0 - -30.0 •	and the second									march	
60.0										-40.0 -50.0											
-70.0										-60.0											
Center 5.51 #Res BW 43				#VBW 1.2	ЛНz			50 MHz p 1 ms	CF Step 5.000000 MHz	Cent #Res	er 5.71 G BW 430				#V	'BW 1.3 N	1Hz			an 50 MHz veep 1 ms	CF Ste 5.000000 MH
Occupie	ed Ba			Total F	ower	24.2 dB	m		<u>Auto</u> Man		cupied	l Band				Total P	ower	22.5	i dBm		Auto Mar
			5.947 MH	Z					Freq Offset					005 M							Freq Offse
	mit Freq Error -11.105 kHz OBW Power 99.00 %				0 Hz		ansmit F		ror	-28.489		OBW P	ower		0.00 %		он				
x dB Ban	dwidt	th	39.92 MH	z xdB		-26.00 d	в			×	IB Band	width		39.74	MHz	x dB		-26.	00 dB		
50						STATUS				MSG								STATUS			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



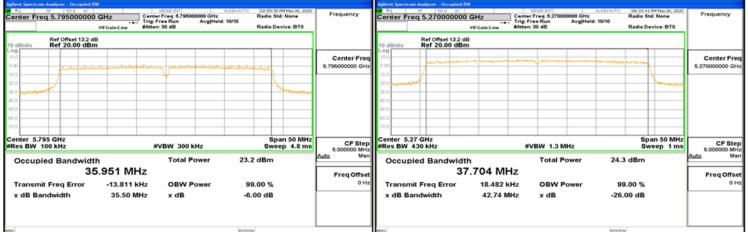
# FCC\_802.11n\_40MHz\_Chain1\_5755MHz

# FCC\_802.11ax\_40MHz\_Chain0\_5230MHz

FCC\_802.11ax\_40MHz\_Chain0\_5270MHz

BL W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W W </th <th>Frequency Center Fr 5.23000000 G</th>	Frequency Center Fr 5.23000000 G
Center Freq Cent	
100   1   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100   100	
A matrix A mat	
enter 5.755 GHz Span 50 MHz CF Step f.could kHz #VBW 300 kHz Sweep 4.8 ms 5.00000 MHz #Res BW 430 kHz #VBW 1.3 MHz Sweep 1 ms	CF 9
Occupied Bandwidth Total Power 22.0 dBm Auto Man Occupied Bandwidth Total Power 24.8 dBm	Auto I
35.965 MHz Freq Offset 37.728 MHz	Freq Off
Transmit Freq Error -12.843 kHz OBW Power 99.00 % <sup>0 Hz</sup> Transmit Freq Error -3.381 kHz OBW Power 99.00 %	c
x dB Bandwidth 35.49 MHz x dB -6.00 dB x dB Bandwidth 43.84 MHz x dB -26.00 dB	

# FCC\_802.11n\_40MHz\_Chain1\_5795MHz



# FCC\_802.11ax\_40MHz\_Chain0\_5190MHz

# FCC\_802.11ax\_40MHz\_Chain0\_5310MHz

	Malyzer - Occupied BW					Agilent Spectrum Analyzer - Occupied BW				
	5.190000000	GHz Cent	ter Freq: 5.19000000 GH Free Run Avg H en: 30 dB	ALIONAUTO [06:24:03 PM May 26, 20] Iz Radio Std: None Iold: 10/10 Radio Device: BTS	Frequency	Center Freq 5.310000000 G	Hz Center Freq: 6.3 Trig: Free Run #Atten: 30 dB	ALIONAUTO 10000000 GHz Avg[Held: 10/10	C6:38:24 PM May 26, 2020 Radio Std: None Radio Device: BTS	Frequency
10 dB/div	Ref Offset 13.2 dB Ref 20.00 dBm					10 dB/div Ref 20.00 dBm				
10.0 0.00		nesere deservers das	ang samurana		Center Freq 5.19000000 GHz			all and a starting and the starting and	m	Center Freq 5.310000000 GHz
-20.0				\	-	-20.0			4 marcar	
-40.0 -50.0 -60.0						-40.0				
-70.0						-70.0				
Center 5.19 #Res BW 43			#VBW 1.3 MHz	Span 50 MH Sweep 1 m		Center 5.31 GHz #Res BW 430 kHz	#VBW 1	2 MHz	Span 50 MHz Sweep 1 ms	CF Step 5.000000 MHz
Occupie	d Bandwidth	1	Total Power	24.3 dBm	Auto Man	Occupied Bandwidth	Tota	al Power 24	.3 dBm	Auto Man
	37	.729 MHz			Freq Offset	37.	736 MHz			Freq Offset
Transmit	Freq Error	26.236 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	27.796 kHz OBV	V Power 1	99.00 %	0 Hz
x dB Band	dwidth	41.04 MHz	x dB	-26.00 dB		x dB Bandwidth	41.71 MHz x dE	3 -2	6.00 dB	
MSG				STATUS		MSG		STA	rus	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



# FCC\_802.11ax\_40MHz\_Chain0\_5510MHz

# FCC 802.11ax 40MHz Chain0 5710MHz

gilent Spectrum Analyzer - Occupied B					Agilent Spectrum Analy					
enter Freq 5.51000000	GHZ Cent	ter Freq: 5.510000000 GH	ALCRANTO [06:42:55 PM May 26, 202 Z Radio Std: None old: 10/10	- Frequency	Center Freq 5.	50 R AC 710000000 GHz	Center Freq: Trig: Free Ru	5.710000000 GHz	Radio Std: None 30	Frequency
	MIFGain:Low #Atte	en: 30 dB	Radio Device: BTS			#IFGain:			Radio Device: BT	s
Ref Offset 13.2 d dB/div Ref 20.00 dBr					10 dB/div Re	Offset 13.2 dB f 30.00 dBm			Mkr1 5.71425 C 7.0062 d	iHz Bm
0			mound	Center Freq 5.51000000 GHz	20.0	and a state of the	Alima Indhissia un	1		Center F 5.710000000
Alexander			hantier	x	-10.0					_
					-20.0 -30.0				Phil. M	n de
					-50.0					
nter 5.51 GHz es BW 430 kHz		#VBW 1.3 MHz	Span 50 MH Sweep 1 m		Center 5.71 GH #Res BW 430 k		#VBW	1.3 MHz	Span 50 F Sweep 1	
Occupied Bandwidt	h	Total Power	24.4 dBm	Auto Man	Occupied E	Bandwidth	Тс	tal Power	23.5 dBm	Auto
	ccupied Bandwidth Total Power 24.4 dBm 37.700 MHz					37.705	MHz			Freq Of
Transmit Freq Error	4.351 kHz	OBW Power	99.00 %	0 Hz	Transmit Fre	q Error -14.	338 kHz Ol	3W Power	99.00 %	
x dB Bandwidth	40.91 MHz	x dB	-26.00 dB		x dB Bandwi	dth 40	.79 MHz x 0	B	-26.00 dB	
			STATUS		MSG				STATUS	

# FCC 802.11ax 40MHz Chain0 5550MHz

### ter Freq 5.550000000 GHz 06:49:38 PM May 26 Radio Std: None enter Freg 5.755000000 GHz Center Freq: 6 Trig: Free Run Radio Device: BTS Radio Device: BT Mkr1 5.73616 GHz -2.6546 dBm Ref Offset 13.2 dB Ref 20.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm **Center Fre** Center Fre 5.51 5.755000000 G ter 5.55 GHz s BW 430 kHz Span 50 MHz Sweep 1 ms CF Step #VBW 1.3 MH Occupied Bandwidth Total Power 24.7 dBm 37.695 MHz Freq Offse 5.061 kHz 0 H Transmit Freq Error OBW Power 99.00 % dB Bandwidth 43.12 MHz -26.00 dB x dB

# FCC 802.11ax 40MHz Chain0 5670MHz

40.0 60.0 -70.0				
Center 5.755 GHz #Res BW 100 kHz	#	VBW 300 kHz	Span 50 MH Sweep 4.8 m	
Occupied Bandwidt	<sup>h</sup> 7.673 MHz	Total Power	24.9 dBm	Auto Man Freq Offset
Transmit Freq Error	-34.698 kHz	OBW Power	99.00 %	0 Hz
x dB Bandwidth	37.77 MHz	x dB	-6.00 dB	

FCC\_802.11ax\_40MHz\_Chain0\_5755MHz

# FCC 802.11ax 40MHz Chain0 5795MHz

Agilent Spectrum												nt Spectrum Ar										
Center Fred	Ref 20.00 dBm Ref 20.00 dBm								Frequency	F	nter Freq		00000 G #	Hz FGain:Low		req: 6.79500 e Run 0 dB		ALIONAUTO	Radio St	PM May 26, 2020 d: None wice: BTS	Frequency	
10 dB/div Log 10.0 0.00								Center Freq 5.670000000 GHz	10.0	dB/div	Ref 20.0			evel				mu		Center Freq 5.795000000 GHz		
-20.0									-		-20.0 -30.0 -40.0										house	
60.0 -70.0 Center 5.67									an 50 MHz	CF Step		nter 5.795									an 50 MHz	CF Step
#Res BW 43 Occupie					Total P		24.2	Sw 2 dBm	reep 1 ms	5.000000 MHz Auto Man	-	os BW 100 Occupied					BW 300 k Total P		24.5	dBm	ep 4.8 ms	5.000000 MHz Auto Man
	37.681 MHz					Freq Offset			_		673 M					~~~~		Freq Offset				
Transmit x dB Ban			-6.928 k 41.35 M		OBW P x dB	ower		0.00 % 00 dB		0 Hz	U '	fransmit F dB Band		ror	-22.077 37.43 I		OBW P x dB	ower		.00 % 00 dB		0 112
MSG	STATUS							M9G								STATUS						

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



# FCC\_802.11ax\_40MHz\_Chain1\_5190MHz

# FCC\_802.11ax\_40MHz\_Chain1\_5310MHz

FCC\_802.11ax\_40MHz\_Chain1\_5510MHz

gilent Spectrum Analyzer - Occupied	BW				Agilent Spectrum Analyzer - Occupied BW			
enter Freq 5.1900000	0 GHz Cen	ter Freq: 5.190000000 GHz : Free Run Avg He en: 30 dB		Frequency	Center Freq 5.310000000 G	Hz Center Freq: 6.3100000 FGain:Low #Atten: 30 dB	ALIGNAUTO [06:40:39 PM May 26, 2020 00 GHz Radio Std: None Avg[Hold: 10/10 Radio Device: BTS	Frequency
0 dB/div Ref 20.00 dB	dB				10 dB/div Ref Offset 13.2 dB Ref 20.00 dBm			
og 0.00 0.00		~~~		Center Freq 5.19000000 GHz			mannen	Center Fr 5.310000000 G
0.0 0.0					-20.0		\	
10					-40.0			
enter 5.19 GHz			Span 50 MHz		Center 5.31 GHz		Span 50 MHz	
Res BW 430 kHz		#VBW 1.3 MHz	Sweep 1 ms		#Res BW 430 kHz	#VBW 1.3 MH		CF St 5.000000 M
Occupied Bandwid		Total Power	25.2 dBm	<u>Auto</u> Man	Occupied Bandwidth	Total Por	ver 25.1 dBm	Auto M
3	7.685 MHz			Freq Offset	37.	601 MHz		Freq Offs
Transmit Freq Error	-222 Hz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	19.852 kHz OBW Po	wer 99.00 %	•
x dB Bandwidth	40.54 MHz	x dB	-26.00 dB		x dB Bandwidth	40.25 MHz x dB	-26.00 dB	
0			STATUS		MSG		STATUS	

# FCC\_802.11ax\_40MHz\_Chain1\_5230MHz

### nter Freq 5.230000000 GHz 06:31:10 PM May 24 Radio Std: None enter Freg 5.510000000 GHz Center Freq: 6.5 Trig: Free Run 06:45:52 PM May 26 Radio Std: None Center Freq: 6. Trig: Free Run 10/10 Radio Device: BTS Radio Device: BTS Mkr1 5.24883 GHz 1.7511 dBm Ref Offset 13.2 dB Ref 20.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm **Center Fre** Center Free 5 2300 5 510000000 0 ter 5.23 GHz s BW 430 kHz Span 50 MHz Sweep 1 ms er 5.51 GHz BW 430 kHz Span 50 MHz Sweep 1 ms CF Step CF Step #VBW 1.2 MH; #VBW 1.3 MHz 5.00 Occupied Bandwidth Total Power 24.5 dBm Occupied Bandwidth Total Power 24.6 dBm 37.654 MHz 37.651 MHz Freq Offse Freq Offse -12.433 kHz 0 H 6.984 kHz 0 H Transmit Freq Error OBW Power 99.00 % Transmit Freq Error OBW Power 99.00 % x dB Bandwidth 40.27 MHz -26.00 dB x dB Bandwidth 40.74 MHz x dB -26.00 dE x dB

# FCC\_802.11ax\_40MHz\_Chain1\_5270MHz

# FCC\_802.11ax\_40MHz\_Chain1\_5550MHz

_											
	Analyzer - Occupied BV						Agilent Spectrum Analyzer - Occupied BW				
	5.270000000	Tri	strate but inter Freq: 6.270000 ig: Free Run itten: 30 dB	ALIGNAUTO 000 GHz Avg Held: 10/10	Col: 36: 32 PM May 26, 2020 Radio Std: None Radio Device: BTS	Frequency	Center Freq 5.550000000 GH	Z Center Freq Gain:Low #Atten: 30 dt	6.550000000 GHz in Avg[Held: 10	106:51:52 PM May 26, 2020 Radio Std: None Radio Device: BTS	Frequency
10 dB/div Log	Ref Offset 13.2 dB Ref 20.00 dBm						10 dB/div Ref Offset 13.2 dB Ref 20.00 dBm				
10.0			~~		many	Center Freq 5.270000000 GHz			**************************************		Center Freq 5.550000000 GHz
-20.0 -30.0					have		-20.0 -30.0			mulian	
-40.0 -50.0 -60.0							40.0				
-70.0 Center 5.27	GHz				Span 50 MHz		Center 5.55 GHz			Span 50 MHz	
#Res BW 43			#VBW 1.3 MH	iz	Sweep 1 ms		#Res BW 430 kHz	#VBW	1.2 MHz	Sweep 1 ms	CF Step 5.000000 MH
Occupie	d Bandwidth		Total Po	wer 25	.0 dBm	<u>Auto</u> Man	Occupied Bandwidth		otal Power	24.8 dBm	<u>Auto</u> Man
1	37	.617 MHz				Freq Offset	37.6	23 MHz			Freq Offset
Transmit	Freq Error	29.641 kHz	OBW Po	wer s	99.00 %	0 Hz	Transmit Freq Error	26.081 kHz O	BW Power	99.00 %	0 Hz
x dB Ban	dwidth	40.46 MHz	x dB	-20	6.00 dB		x dB Bandwidth	40.44 MHz x	dB	-26.00 dB	
MSG				STAT	rus		MSC			STATUS	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



### FCC\_802.11ax\_40MHz\_Chain1\_5670MHz

# FCC\_802.11ax\_40MHz\_Chain1\_5795MHz

FCC 802.11ac 80MHz Chain0 5210MHz

gilent Spectrum Analyzer - Occupied	EW				Agilent Spectrum Analyzer - Occupied BW				
enter Freq 5.67000000	0 GHz Cent	service INT er Freq: 5.670000000 GHz Free Run Avg[Ho en: 30 dB		Frequency	Center Freq 5.795000000 G		Freq: 6.795000000 GHz ree Run Avg Hold	ALIGNAUTO 07:10:23 PM May 26, 2 Radio Std: None : 10/10 Radio Device: BTS	Frequency
0 dB/div Ref 20.00 dB	dB m				10 dB/div Ref Offset 13.2 dB Ref 20.00 dBm				
			annam	Center Freq 5.670000000 GHz				- Andrew - A	Center F 5.795000000 0
			ment		-20.0 -30.0				-
0					50.0 60.0				_
ter 5.67 GHz Span 50 MHz Span 50 MHz Sweep 1 m					Center 5.795 GHz #Res BW 100 kHz	#	/BW 300 kHz	Span 50 M Sweep 4.8 r	
Occupied Bandwid	th	Total Power	24.6 dBm	Auto Man	Occupied Bandwidth		Total Power	24.4 dBm	Auto
3	37.676 MHz				37.	664 MHz			FreqOff
Transmit Freq Error	-4.333 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	-6.954 kHz	OBW Power	99.00 %	
x dB Bandwidth	40.40 MHz	x dB	-26.00 dB		x dB Bandwidth	37.40 MHz	x dB	-6.00 dB	
a			STATUS		MSG			STATUS	

# FCC\_802.11ax\_40MHz\_Chain1\_5710MHz

### RL RF 50 Ω AC nter Freq 5.710000000 GHz 06:56:47 PM May 28 Radio Std: None Frequence enter Freg 5.210000000 GHz Center Freq: 6.21 0 GHz Held: 10/10 03:16:17 PM May 26 Radio Std: None Center Freq: 5.7 Trig: Free Run 0 GHz Radio Device: BT Radio Device: BTS Mkr1 5.7065 GHz 7.0157 dBm Mkr1 5.24772 GHz 1.5493 dBm Ref Offset 13.2 dB Ref 30.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm Center Fre Center Free ٥ 5 71000 5.210000000 0 Center 5.71 GHz #Res BW 430 kHz Span 50 MHz Sweep 1 ms er 5.21 GHz BW 910 kHz Span 100 MHz Sweep 1 ms CF Step CF Step #VBW 1.3 MH #VBW 2.7 MH2 .... Occupied Bandwidth Total Power 23.4 dBm Occupied Bandwidth Total Power 23.4 dBm 37.669 MHz 75.445 MHz Freq Offse Freq Offse Transmit Freq Error -13.457 kHz OBW Powe 99.00 % он 30.384 kHz OBW Power 0 H Transmit Freq Error 99.00 % x dB Bandwidth 40.43 MHz x dB -26.00 dB x dB Bandwidth 94.43 MHz x dB -26.00 dE

# FCC\_802.11ax\_40MHz\_Chain1\_5755MHz

# FCC\_802.11ac\_80MHz\_Chain0\_5290MHz

	Analyzer - Occupied BW					Agilent Spectrum Analyzer - Occupied BW			
	q 5.755000000 G		Freq: 6.755000000 GHz ee Run Avg Hold	ALIGNAUTO [07:02:28 PM May 26, 2020 Radio Std: None 10/10 Radio Device: BTS	Frequency	Center Freq 5.290000000 G	Gain:Low #Atten: 30 dB	ALDIVAUTO 03:22:00 PM May 26, 2020 OHz Radio Std: None g[Hold: 10/10 Radio Device: BTS	Frequency
10 dB/div	Ref Offset 13.2 dB Ref 20.00 dBm			Mkr1 5.73616 GHz -3.7951 dBm		10 dB/div Ref Offset 13.2 dB Ref 20.00 dBm			
10.0 0.00	Lunder	and the state of the		and marked and and	Center Freq 5.75500000 GHz				Center Freq 5.29000000 GHz
-10.0 -20.0 -30.0						-10.0			
-40.0 -50.0 -60.0						-40.0			
-70.0 Center 5.75	5 GHz			Span 50 MHz		Center 5.29 GHz		Span 100 MHz	
#Res BW 10		#\	/BW 300 kHz	Sweep 4.8 ms		#Res BW 910 kHz	#VBW 2.7 MHz	Sweep 1 ms	CF Step 10.000000 MHz
Occupie	ed Bandwidth		Total Power	23.8 dBm	Auto Man	Occupied Bandwidth	Total Powe	er 23.6 dBm	Auto Man
	37.685 MHz				Freq Offset	75.	511 MHz		FreqOffset
Transmit	Freq Error	-6.927 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error	4.640 kHz OBW Powe	er 99.00 %	0 Hz
x dB Ban	ndwidth	37.78 MHz	x dB	-6.00 dB		x dB Bandwidth	94.52 MHz x dB	-26.00 dB	
MSG				STATUS		MSG		STATUS	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com.tw/Terms-and-Conditions">http://www.sgs.com.tw/Terms-and-Conditions</a> at for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com.tw/Terms-and-Conditions">http://www.sgs.com.tw/Terms-and-Conditions</a> Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Member of SGS Group



# FCC\_802.11ac\_80MHz\_Chain0\_5530MHz

# FCC\_802.11ac\_80MHz\_Chain0\_5775MHz

FCC\_802.11ac\_80MHz\_Chain1\_5210MHz

Agilent Spectrum Analyzer - Occupied BW		SENSE INT	ALIGNAUTO 03:27:57	7 PM May 26, 2020		Agilent	Spectrum An										
Center Freq 5.530000000	GHz Cen Trig	Frequency	# At     #*     500     AC     Stress Pril     A       Center Freq 5,775000000 GHz     Center Freq 5,775000000 GHz     Center Freq 5,775000000 Hz     A       MFGainLow     MFGainLow     Adten: 30 dB     AvgHeld:     A					ALIGNAUTO [03:47:30 PM May 26, 2020 Radio Std: None £: 10/10 Radio Device: BTS			Frequency						
Ref Offset 13.2 dB						10 dB		Ref Offset Ref 20.0						Mkr		729 GHz 174 dBm	
					Center Freq 5.530000000 GHz			, im	June						mu		Center Free 5.775000000 GH
-20.0 -30.0 -40.0				-		-20.0										henry	
60.0						-50.0 -60.0											
Center 5.53 GHz #Res BW 910 kHz		#VBW 2.7 MHz		in 100 MHz veep 1 ms		#D	er 5.775 BW 100				#VB	W 300 K	Hz			n 100 MHz ep 9.6 ms	CF Ste 10.000000 MP
Occupied Bandwidth	ı	Total Powe	er 23.9 dBm		<u>Auto</u> Man	0	ccupied	d Band	width			Total Po	ower	24.2	dBm		Auto Ma
75	.442 MHz				Freq Offset				75.4	111 MH	Ηz						Freq Offse
Transmit Freq Error	32.225 kHz	OBW Powe	er 99.00 %		0 Hz	Tr	ansmit F	Freq Err	or	-55.482	(Hz	OBW Po	ower	99	.00 %		0 H
x dB Bandwidth	86.84 MHz	x dB	-26.00 dB			×	dB Band	lwidth		75.26 N	IHz	x dB		-6.0	00 dB		
200			STATUS			MSG								STATUS			

# FCC\_802.11ac\_80MHz\_Chain0\_5610MHz

### nter Freq 5.610000000 GHz C3:34:00 PM May 26 Radio Std: None enter Freq 5.210000000 GHz Center Freq: 6.21 Trig: Free Run Center Freq: 6.6 Trig: Free Run Radio Device: BTS Radio Device: BT Mkr1 5.24764 GHz 1.6524 dBm Ref Offset 13.2 dB Ref 20.00 dBm Ref Offset 13.2 dB Ref 20.00 dBm **Center Fre** Center Fre 5 61000 5.210000000 0 Span 100 MHz Sweep 1 ms er 5.21 GHz BW 820 kHz nter 5.61 GHz s BW 820 kHz Span 100 MHz Sweep 1 ms CF Step CF Step #VBW 2.4 MH; #VBW 2.4 MH2 10.0 Occupied Bandwidth Total Power 23.2 dBm Occupied Bandwidth Total Power 24.1 dBm 75.454 MHz 75.274 MHz Freq Offse Freq Offse -10.646 kHz 0 H -68.829 kHz 0 H Transmit Freq Error OBW Power 99.00 % Transmit Freq Error OBW Power 99.00 % x dB Bandwidth 84.18 MHz -26.00 dB x dB Bandwidth 81.79 MHz x dB -26.00 dE x dB

# FCC\_802.11ac\_80MHz\_Chain0\_5690MHz

# FCC 802.11ac 80MHz Chain1 5290MHz

Agilent Spectrum Anal						Agilent Spectrum Analyzer - Occupied BW			
Center Freq 5.		Hz Cente	rFreq: 5.690000000 GHz Free Run Avg Ho h: 30 dB	ld: 30/30 Radio Device: BTS	Frequency	Center Freq 5.29000000 GHz	Center Freq: 6.2900 Trig: Free Run w #Atten: 30 dB	00000 GHz Radie Avg Held: 10/10	Std: None Frequ Device: BTS
10 dB/div Re	ef Offset 13.2 dB ef 30.00 dBm			Mkr1 5.6841 GHz 5.1891 dBm		10 dB/div Ref 20.00 dBm			
20.0	MALE	<b>●</b> <sup>1</sup>	~		Center Freq 5.69000000 GHz			and a star and a star and a star	
-10.0						-20.0 -30.0			- and
-30.0						40.0			
60.0 Center 5.69 GH				Span 100 MHz		Center 5.29 GHz			pan 100 MHz
	Res BW 820 kHz		VBW 2.7 MHz	Span 100 MHz Sweep 1 ms	CF Step 10.000000 MHz	#Res BW 820 kHz	#VBW 2.4 M		Sweep 1 ms
Occupied	Bandwidth		Total Power	22.9 dBm	Auto Man	Occupied Bandwidth	Total P	ower 24.0 dBm	Auto
	75.3	382 MHz			Freq Offset	75.394	MHz		Fre
Transmit Fr	req Error	-3.258 kHz	OBW Power	99.00 %	0 Hz	Transmit Freq Error 27.	089 kHz OBW F	ower 99.00 %	
x dB Bandw	vidth	82.83 MHz	x dB	-26.00 dB		x dB Bandwidth 81	.99 MHz x dB	-26.00 dB	3
				STATUS	1	MSG		STATUS	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。