

### Configuration GB+NR+L+SA-MIMO-MC-1-UE

Antenna	Channel	NR & LTE	GB Carrier	SA Carrier	RBW	Limit
Port	Position	Modulation	Bandwidth	Bandwidth	(kHz)	(dBm)
			(MHz)	(MHz)		
					100	-19.02
D	NA	160414	10	0.2	200	-26.01
D	IVI	TOQAIVI	10	0.2	2	-19.02
					200	-26.01

#### **Channel Position M**

Spectrum Analyzer 1 Swept SA	Spectrum Analyzer 2 Swept SA	Spectrum Analyzer 4 Swept SA	Spectrum Analyzer 6 Swept SA	Frequency	· • 🔆
KEYSIGHT Input: RF Coupling: Align: Auto	DC Corr CCorr b Freq Ref: Int (S) NFE: Adaptive	#Atten: 30 dB PNO: Bes Preamp: Off Gate: LO IF Gain: L Sig Track:	t Wide Avg Type: Power (RMS) 1 2 3 4 5 Avg Hold: 1/1 A WW WW ow Trig: Free Run A N N N N	Center Frequency 2.106500000 GHz	Settings
1 Spectrum 🔹	R	ef LvI Offset 22.00 dB	Mkr1 2.110 000 GH	Z 5.0000000 MHz	
Scale/Div 10 dB Log	R	ef Level 29.80 dBm	-39.20 dBr	Swept Span Zero Span	
19.8				Full Span	
9.80				<ul> <li>Start Freq</li> <li>2.104000000 GHz</li> </ul>	
-0.20				Stop Freq	
-20.2				AUTO TUNE	
-30.2				CF Step	
-40.2				Auto	
-50.2				Freq Offset	
-60.2				0 Hz X Axis Scale	
Center 2.110000 GHz #Res BW 100 kHz		#Video BW 300 kHz*	Span 2.000 MH #Sweep 10.0 s(1001 pt	Log Lin	
<b>1</b> 7 7	Mar 31, 2021 3:37:03 PM	$\Box$		Signal Track (Span Zoom)	

Spectrum / Swept SA	Analyzer 1	Spectrum Analyzer 2 Swept SA	Spectrum A Swept SA	nalyzer 4	Spectrum Analyzer Swept SA	<sup>6</sup> +	🛟 Mar	ker v 🔆
KEYSIG	HT Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Power (RI Avg Hold: 1/1 Trig: Free Run	MS) 1 2 3 4 5 6 A WWWWW A N N N N N	Select Marker Marker 1	
1 Spectrum	10 dB	R	ef Lvi Offset 22.00	) dB	Mkr1 2.1	08 980 GHz	Marker Frequency 2.108979980 GH	Settings
Log					-		Peak Search	Search
22.0							Next Peak	Pk Search Config
12.0							Next Pk Right	Properties
2.00							Next Pk Left	Marker Function
-18.0							Minimum Peal	k Marker→
-28.0							Pk-Pk Search	Counter
-38.0						1	Marker Delta	
-48.0							Mkr→CF	
-58.0							Mkr→Ref Lvl	
Center 2.1 #Res BW :	06500 GHz 200 kHz	#	fVideo BW 150 kH	iz*	#Sweep ~1	Span 5.000 MHz I0.1 s (1000 pts)	Search On	
•		Mar 31, 2021 3:38:05 PM	$\square$				Off	

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Spectrum Ai Swept SA	nalyzer 2	Spectrum Swept SA	Analyzer 4	4 Spec	trum Analyze ot SA	er6 S	pectrum Ana	lyzer 7 er	+ >	\$	Marker	- 7 景
KEYSIGHT ↔	Input: RF Coupling: DC Align: Auto	Input Z: Corr CC Freq Re NFE: A	50 Ω corr ef: Int (S) daptive	#Atten: 30 d Preamp: Off	B PNO: Gate: IF Gai Sig Tr	Best Wide LO n: Low ack: Off	Avg Type: P Trig: Free R	ower (RMS) un	<mark>1</mark> 23456 WWWWWW ANNNNN	Select Mar Marker 1	ker	
1 Spectrum Scale/Div 10 d	r B		F	tef LvI Offse tef Level 22.	t 22.00 dB 26 dBm		Mkr	1 2.200 -43	000 GHz .10 dBm	Marker Fr 2.200000	equency 000 GHz	Settings Peak
12.3			1Mar	vMady						Marker Mo	ode I	Search Pk Search Config
2.26										Delta ( Fixed	Δ)	Properties
-17.7			1							Off		Marker Function Marker→
-21.1			ľ		1					Delta (Rese Marker Ta	Marker et Delta) ble	Counter
-47.7 -57.7 <mark>who and the</mark>	royminer the production of	y'nyTytestadytest			had a start and a	·h~happedlannys	ugyahang kunggi	nd Maryaritatiyad	the and set of	Off Off	Settings	
-67.7								17 - 10 - 11	, an di constatu	All Ma	igram rkers Off	
Center 2.20000 #Res BW 2.0 k	0 GHz Hz			#Video BW	6.2 kHz*		#S	Spa weep 10.0	n 2.000 MHz s (1001 pts)	Couple Ma On Off	arkers	
<b>ニ</b> ン (		? Mar 3 3:47:	1, 2021 09 PM	$\mathbb{D} \triangle$								

Spectrum A Swept SA	nalyzer 2	Spectrum Analyzer 4 Swept SA	Spectrum A Swept SA	Analyzer 6	pectrum Analy Channel Power	yzer 7	+ >	Frequency	· · · 》 ※
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Por Avg Hold: 1/1 Trig: Free Ru	wer (RMS) 1 n 4	2 3 4 5 6 A WW WW W A N N N N N	Center Frequency 2.203500000 GHz	Settings
1 Spectrum		R	ef Lvi Offset 22.0	0 dB	Mkr1	2.201	030 GHz	5.0000000 MHz	
Scale/Div 10 d	В	R	ef Level 32.00 dB	lm		-40.0	88 dBm	Swept Span Zero Span	
22.0								Full Span	
12.0								Start Freq 2.201000000 GHz	
-8.00								Stop Freq 2.206000000 GHz	
-18.0								AUTO TUNE	
-28.0								CF Step 500.000 kHz	
-38.0								Auto Man	
-58.0				and the second	to a manageria	mbron from any	han da an tangan sa anga	Freq Offset 0 Hz	
Center 2.20350 #Res BW 2001	00 GHz <hz< td=""><td></td><td>#Video BW 150 k</td><td>Hz*</td><td>#Swe</td><td>Spar eep ~10.1 s</td><td>1 5.000 MHz s (1000 pts)</td><td>X Axis Scale Log Lin</td><td></td></hz<>		#Video BW 150 k	Hz*	#Swe	Spar eep ~10.1 s	1 5.000 MHz s (1000 pts)	X Axis Scale Log Lin	
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### Configuration SA+W+L-MIMO-MC-1-UE

Antenna Port	Channel Position	LTE Modulation	SA Channel Bandwidth (MHz)	LTE Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
					2	-19.02
D	Ν.4	160414	0.2	5	2 -19.0	-26.01
Б	IVI	IOQAIVI	0.2	5	51	-19.02
					200	-26.01

#### **Channel Position M**

Spectrum A Swept SA	nalyzer 1	Spectrum Analyzer 2 Swept SA	Spectru Swept	ım Analyzer 4 SA	Spectrum Anal Swept SA	lyzer 6	+	₽	Frequency	- * 😤
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	Atten: 30 dB Preamp: Off #PNO: Fast	Trig: Free Run Gate: LO #IF Gain: Low	Center Freq: Avg Hold:>1/ Radio Std: N	2.155000000 /1 ione	) GHz	Center Frequ 2.15500000	uency 10 GHz	Settings
1 Spectrum Scale/Div 10 d	T	R	ef LvI Offset 2 ef Level 29.80	22.00 dB 0 dBm	Mkr	1 2.110 ( -39.	000 GHz .60 dBm	180.00 MHz	<u>z</u>	
Log								CF Step 18.000000 I	MHz	
9.80				Minter				Auto Man		
-0.20								0 Hz		
-10.2					4					
-20.2				p <sup>1</sup>	N					
-40.2			•	1	\					
-50.2	(m)n/Matana My	an Malauna Manana	homenand		W MANNAMA	upper and the second second	www.www.			
-60.2										
Center 2.11000 #Res BW 2.0 k	0 GHz Hz		#Video BW 6.	2 kHz*	#S	Span weep 10.0 s	2.000 MHz (1001 pts)			
15		? Mar 31, 2021 3:53:05 PM								

Spectrum A Swept SA	nalyzer 1	Spectrum Analyzer 2 Swept SA	Spectrum Ar Swept SA	nalyzer 4	Spectrum Analyze Swept SA	r 6 🕇 🕇	Marker	- 7 器
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Power Avg Hold: 1/1 Trig: Free Run	(RMS) 12 3 4 5 6 A WWWWW A N N N N N	Select Marker Marker 1	
1 Spectrum	•	Re	f LvI Offset 22.00	dB	Mkr1 2	2.109 000 GHz	Marker Frequency 2.109000000 GHz	Settings
Scale/Div 10	B	Re	f Level 32.00 dBn	n		-34.469 dBm	Peak Search	Peak Search
22.0							Next Peak	Pk Search Config
12.0							Next Pk Right	Properties
2.00							Next Pk Left	Marker Function
-18.0							Minimum Peak	Marker→
-28.0						1;	Pk-Pk Search	Counter
-38.0							Marker Delta	
-48.0							Mkr→CF	
-58.0							Mkr→Ref Lvl	
Center 2.1065 #Res BW 200	00 GHz kHz	#	Video BW 150 kH	z*	#Sweep	Span 5.000 MHz >~10.1 s (1000 pts)	Continuous Peak Search On	
<b>1</b> 5	2	? Mar 31, 2021 3:54:05 PM					UI	

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Spectrum Analyzer 1 Swept SA	Spectrum Analyzer 2 Spectr Swept SA Swept	um Analyzer 4 Spe SA Swe	ctrum Analyzer 6 pt SA	+ ) :	Frequency	- ₹
KEYSIGHT	Input Z: 50 Ω #Atten: 30 dB Corr CCorr Preamp: Off Freq Ref: Int (S) NFE: Adaptive	PNO: Best Wide A Gate: LO T IF Gain: Low Sig Track: Off	vg Type: Power (RMS) 1 rig: Free Run A	23456 wwwww NNNNN	Center Frequency 2.200000000 GHz	Settings
1 Spectrum v Scale/Div 10 dB	Ref LvI Offset Ref Level 22.2	22.00 dB 6 dBm	Mkr1 2.200 0 -39.4	00 GHz 48 dBm	2.00000000 MHz	
12.3					Zero Span Full Span	
2.26					Start Freq 2.199000000 GHz	
-17.7					Stop Freq 2.201000000 GHz	
-27.7		1			AUTO TUNE	1
-47.7					200.000 kHz	
-57.7					Man Freq Offset	
Center 2.200000 GHz #Res BW 51 kHz	#Video BW 1	50 kHz*	Span 2 #Sweep 10.0 s	2.000 MHz (1001 pts)	K Axis Scale Log Lin	
<b>1</b> 2 <b>1</b>	Mar 31, 2021 💬 🛆			8 🔀 🛛	Signal Track Span Zoom)	

Spectrum A Swept SA	nalyzer 1	Spectrum Analyzer 2 Swept SA	2 Spectrum Swept SA	Analyzer 4	Spectrum Ana Swept SA	lyzer 6	+ >	Frequenc	y <b>v</b> 🔀
KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: LO IF Gain: Low Sig Track: Off	e Avg Type: Pr Avg Hold: 1/ Trig: Free Ri	ower (RMS) 1 un	1 2 3 4 5 6 A WW WW W A N N N N N	Center Frequency 2.203500000 GHz	Settings
1 Spectrum		R	ef Lvi Offset 22.	00 dB	Mkr	1 2.201	015 GHz	5,00000000 MHz	
Scale/Div 10 d	B	R	ef Level 32.00 di	Bm		-37.	40 dBm	Swept Span Zero Span	
22.0								Full Span	
12.0								Start Freq 2.201000000 GHz	
-8.00								Stop Freq 2.206000000 GHz	
-18.0								AUTO TUNE	
-28.0								CF Step 500.000 kHz	
-38.0								Auto Man	
-58.0					and the second	ne manufathered	minument	Freq Offset 0 Hz	
Center 2.2035 #Res BW 200	00 GHz kHz		#Video BW 150 F	kHz*	#Sv	Spar veep ~10.1	n 5.000 MHz s (1000 pts)	X Axis Scale Log Lin	
15	2	? Mar 31, 2021 3:56:37 PM					HX	Signal Track	1



#### Configuration SA+L-MIMO-MC-1-UE

Antenna Port	Channel Position	LTE Modulation	SA Channel Bandwidth (MHz)	LTE Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
					2	-19.02
D	N/	160414	0.2	F	200	-19.02 -26.01
Б	IVI	1 16QAM	0.2	5	51	-19.02
					200	-26.01

#### Channel Position M



Spectrum A Swept SA	nalyzer 1	Spectrum Analyzer 2 Swept SA	Spectrum A Swept SA	Analyzer 4	Spectrum Analyz Swept SA	ter 6	Marker	- * 崇
	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Powe Avg Hold: 1/1 Trig: Free Run	er (RMS) 12 3 4 5 6 A \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Select Marker Marker 1	
1 Spectrum	•	Re	of LvI Offset 22.0	0 dB	Mkr1	2.108 850 GHz	Marker Frequency 2.108849850 GHz	Settings
Scale/Div 10 d	B	Re	ef Level 32.00 dB	m		-34.420 aBM	Peak Search	Peak Search
22.0							Next Peak	Pk Search Config
12.0							Next Pk Right	Properties
2.00							Next Pk Left	Marker Function
-18.0							Minimum Peak	Marker→
-28.0						1	Pk-Pk Search	Counter
-38.0						<b>.</b>	Marker Delta	
-48.0							Mkr→CF	
-58.0							Mkr→Ref Lvi	
Center 2.1065 #Res BW 200	00 GHz kHz	#	Video BW 150 ki	Hz*	#Swee	Span 5.000 MHz sp ~10.1 s (1000 pts)	Continuous Peak Search On	
1		<b>Mar 31, 2021</b> 3:59:50 PM					Off	

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Swept SA Swept SA Swept SA Swept SA	×y Y Z15
KEYSIGHT         Input RF         Input Z 50 0. Cor Corr         #Atten: 30 dB         PNO: Best Wide         Avg Type: Power (RMS)         1 2 3 4 5 6         Center Frequency           Image: Aug Type: Aug Type: Power (RMS)         Image: Aug Type: Power (RMS)	Settings
1 Spectrum         Ref Lvl Offset 22.00 dB         Mkr1         2.200 000 GHz         2.0000000 MHz           Scale/Div 10 dB         Ref Level 22.26 dBm         -39.22 dBm         Swept Span	
12.3 Full Span	
2.26 Start Freq 2.199000000 GHz	
177 Stop Freq 2.20100000 GHz	
-37.7 1 CF Step 200.000 kHz	
47.7 -57.7	
-67.7 OHz X Avis Scale	
Center 2.200000 GHz         #Video BW 150 kHz*         Span 2.000 MHz         Log           #Res BW 51 kHz         #Sweep 10.0 s (1001 pts)         Log         Lin	

s s	pectrum A wept SA	nalyzer 1	Spectrum Analyz Swept SA	er 2 S	pectrum Ana	lyzer 4	Spectrum Ana Swept SA	alyzer 6	+ >	<b>Ö</b>	Frequency		
KEY	/SIGHT ·≁·	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (\$ NFE: Adaptive	#Atten: Preamp \$)	30 dB PI Off G IF Si	NO: Best Wide ate: LO Gain: Low g Track: Off	e Avg Type: P Avg Hold: 1/ Trig: Free R	ower (RMS) '1 un	1 2 3 4 5 6 A WWWWW A N N N N N	Center Fre 2.203500	equency 000 GHz	Settin	gs
1 Sp Scal	ectrum e/Div 10 d	∎		Ref Lvi O Ref Level	ffset 22.00 d 32.00 dBm	в	Mkr	1 2.201 -38.2	025 GHz 205 dBm	5.000000	00 MHz ot Span		
22.0										Zero Ful	Span Span		
12.0 2.00										Start Freq 2.201000	000 GHz		
-8.00										Stop Freq 2.206000	000 GHz		
-18.0										AUTO	DTUNE		
-28.0	<u></u> 1									CF Step 500.000 I	(Hz		
-48.0							the state of the s			Auto Man			
-58.0								war war war w	Marken and an and a	Freq Offse 0 Hz	et		
Cent #Res	er 2.2035 BW 200	00 GHz kHz		#Video I	BW 150 kHz*		#Sv	Spar weep ~10.1	n 5.000 MHz s (1000 pts)	X Axis Sca Log Lin	ale		
	5	2	? Mar 31, 202 4:01:49 PM							Signal Tra	ck		



### 6 Conducted Unwanted Emission

Test result: Pass

#### 6.1 Limit

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

### 6.2 Measurement Procedure

In accordance with FCC rules, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using an attenuator and the frequency spectrum investigated from 9kHz to 23GHz. The resolution bandwidth of 1MHz was employed for frequency band 9kHz to 27GHz. The spectrum analyzer detector was set to RMS.

For MIMO mode configurations, the limit was adjusted with a correction of -6.02dB [10Log(1/4)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports. Then the limit was adjusted to -19.02dBm.





### 6.3 Measurement result

NR-MIMO-1C

Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
В	В	16QAM	5	1000	-19.02
В	Т	16QAM	5	1000	-19.02



Sp Sv	bectrum Ar wept SA	alyzer 2	Spectrum Swept SA	Analyzer 3	Spect Swep	rum Analyze t SA	er 4 S	Spectrum Ana Channel Pow	alyzer 5 er	+ >	\$	Marker	<b>、</b> 学
KEY		Input: RF Coupling: DC Align: Auto	Input Z Corr CC Freq Re NFF: A	: 50 Ω Corr ef: Int (S) daptive	#Atten: 20 dE Preamp: Off	PNO: Gate: IF Gai	Fast LO n: Low ack: Off	Avg Type: P Trig: Free R	ower (RMS) un	123456 WWWWWW ANNNN	Select Marker	/larker 1	
1 Spe	ctrum	*		Re	ef Lvi Offset	22.00 dB		M	kr1 8.2	98 5 GHz	Marker 8.2984	Frequency 76821 GHz	Settings
Scale Log	Div 10 de	1 Dace		Re	ef Level 32.0	0 dBm			-53	.00 abm	Pe	eak Search	Peak Search
22.0	Hace	11.033										lext Peak	Pk Search Config
12.0											Ne	xt Pk Right	Properties
2.00											N	ext Pk Left	Marker Function
-18.0											Mir	imum Peak	Marker→
-28.0											Pk	-Pk Search	Counter
-38.0											M	arker Delta	
-48.0						<b>1</b>						Mkr→CF	
-58.0		$\sim$	m	$\sim$	$\sim$	$\cdots$	$\sim$		m		M	kr→Ref Lvl	
Start	2.206 GHz	ـــــــــــــــــــــــــــــــــــــ		#	Video BW 3	.0 MHz*		#514	Stop	12.750 GHz	Continu Search	ious Peak	
	5 (	2	<b>?</b> Apr 0 10:33	1, 2021 :10 AM							or Of	f	

Sp Sw	ectrum Ar rept SA	nalyzer 2	Spectrum Analyzer 3 Swept SA	Spectrum Swept SA	Analyzer 4	Spectrum Analyze Channel Power	er 5 🕂 🕇	₩	larker 🔹 🔣
KĖY		Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 10 dB Preamp: Off	PNO: Fast Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Power Trig: Free Run	(RMS) <mark>1</mark> 2 3 4 5 6 W WWWWW A N N N N N	Select Marker Marker 1	
1 Spec	trum		R	ef LvI Offset 24.	00 dB	Mkr1	14.250 5 GHz	Marker Frequer 14.250500000	icy Settings GHz
Log	Trace	1 Pass	R	el Level 15.50 d	BIII		-02.00 0011	Peak Sear	ch Search
3.50	11400	1 1.400						Next Peal	k Pk Search Config
-6.50								Next Pk Riç	ght Properties
-16.5								Next Pk Le	eft Marker Function
-36.5 -								Minimum Pe	eak Marker→
-46.5 -								Pk-Pk Sear	rch Counter
-56.5				<u>1</u>				Marker Del	Ita
-66.5				and the second state of th				Mkr→CF	
-76.5								Mkr→Ref L	M
Start 7 #Res	12.750 GH BW 1.0 M		<b>?</b> Apr 01, 2021	#Video BW 3.0 N	//Hz*	#Sweep	Stop 16.000 GHz 5 ~6.51 s (6501 pts)	Continuous Pea Search On Off	*K

Sp Sw	ectrum Ar /ept SA	nalyzer 2	Spectrum Analyze Swept SA	er 3 Spectrur Swept S	n Analyzer 4	Spectrum Anal Channel Powe	lyzer 5 r	$+ \mathbf{b}$	Meas Setu	p 🔹 😽
KEY	SIGHT ↔	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 10 dB Preamp: Off	PNO: Fast Gate: LO IF Gain: Low	Avg Type: Po Trig: Free Ru	wer (RMS) in v	1 2 3 4 5 6 V WW WW W	Select Limit Limit 1 🔹 🔻	Settings
1 Spec	PASS ctrum	•	NFE: Adaptive	Ref I vi Offset 24	Sig Track. Oil	Mkr1	22.420	75 GHz	Limit On	Limits
Scale	/Div 10 dl	3		Ref Level 13.50	iBm		-59	.67 dBm	Off	Meas Standard
3.50 -	Trace	1 Pass							0.00 dB	Legacy Compat
-6.50									Off	Advanced
-16.5			2						Type Upper Lower	Global
-26.5 -									C Edit Limit	
-36.5									All Limits	
-46.5								<u>^1</u>	Test Limits On Off	
-56.5								<b>?</b>	X Axis Unit	
-66.5									Freq Time	
-76,5 -									Delete All Limits	
Start 7 #Res	16.000 GH BW 1.0 M	iz Hz		#Video BW 3.0	MHz*	#Swe	Stop ep ~20.0 s	23.000 GHz (20001 pts)		
	5		<b>?</b> Apr 01, 2021 12:40:01 PM	$\Box$						

Channel Position T

	pectrum Ai wept SA	nalyzer 1	Spectrum Ar Swept SA	nalyzer 2	Spectru Swept	um Analyzei SA	3 8	Spectrum Anai Swept SA	lyzer 4	+	*	Marker	- * 影
KEY	YSIGHT ↔ PASS	Input: RF Coupling: DC Align: Auto	Input Z: 5 Corr CCor Freq Ref: NFE: Ada	0 Ω #At r Pre Int (S) ptive	ten: 20 dB amp: Off	PNO: F Gate: L IF Gain Sig Tra	ast .O :: Low ck: Off	Avg Type: Po Trig: Free Ru	ower (RMS) un	123456 WWWWWW ANNNN	Select Ma Marker 1	ırker	,
1 Sp	ectrum	v		Ref L	vl Offset 2	22.00 dB		M	kr1 2.1	04 0 GHz	Marker F 2.10400	requency 0000 GHz	Settings
Scal Log	e/Div 10 d	B 1 Daee		Ref L	evel 29.80	) dBm			-48	8.87 dBm	Pea	k Search	Peak Search
19.8		11 435									Ne	xt Peak	Pk Search Config
9.80											Next	Pk Right	Properties
-0.20											Nex	t Pk Left	Marker Function
-10.2	,										Minin	num Peak	Marker→
-30.2											Pk-F	k Search	Counter
-40.2	2									1	Mari	ker Delta	
-50.2											м	⟨r→CF	
-60.2		العارب والمعادية والمعا	a bahada sherada bahata								Mkr	→Ref Lvl	
Start #Res	9 kHz 8 BW 1.0 N	IHz		#Vic	leo BW 3.	0 MHz*		#Sw	Sto /eep ~6.81	op 2.104 GHz s (6800 pts)	Continuo Search On	us Peak	
	5		<b>?</b> Mar 31, 5:29:49	2021 PM									

Sp	ectrum An vept SA	alyzer 2	Spectrum Swept SA	Analyzer 3	Spect Swep	rum Analyze t SA	er 4 S C	pectrum Ana	alyzer 5 er	+ >	\$	Marker	<b>、</b> 学
KEY		Input: RF Coupling: DC Align: Auto	Input Z Corr CC Freq Re NFF: A	: 50 Ω Corr ef: Int (S) daptive	#Atten: 20 dE Preamp: Off	B PNO: Gate: IF Gai Sig Tra	Fast LO n: Low ack: Off	Avg Type: P Trig: Free R	ower (RMS) un	123456 WWWWWW	Select M Marker	larker 1	
1 Spe	ctrum	×	0.000	R	ef Lvi Offset	22.00 dB		M	kr1 8.28	1 6 GHz	Marker 8.2816	Frequency 01766 GHz	Settings
Scale Log	/Div 10 dE	1 Pase		R	ef Level 32.0	00 dBm			-53	.76 dBm	Pe	ak Search	Peak Search
22.0		11.035									N	ext Peak	Pk Search Config
12.0											Ne	kt Pk Right	Properties
2.00											Ne	ext Pk Left	Marker Function
-18.0											Min	imum Peak	Marker→
-28.0											Pk-	Pk Search	Counter
-38.0											Ma	rker Delta	
-48.0				-							M	/lkr→CF	
-58.0	المحمورة الماللان	h	m	$\sim$	m	$\sim$	$\sim$	m	$\sim$	~~~~	Mk	r→Ref Lvl	
Start #Res	2.206 GHz BW 1.0 M	Hz		1	#Video BW 3	▲ 8.0 MHz*		#Sw	Stop eep ~18.1 s	12.750 GHz (18121 pts)	Continu Search On	ous Peak	
	5		<b>?</b> Apr 0 10:36	1, 2021 :27 AM									

Sp Sv	ectrum Ai vept SA	nalyzer 2	Spectrum Analyzer 3 Swept SA	Spectrum Swept SA	Analyzer 4	Spectrum Analy Channel Power	zer 5	+		<b>\$</b>	Marker	V	談
KĖY	SIGHT	Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 10 dB Preamp: Off	PNO: Fast Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Pov Trig: Free Rur	ver (RMS) 1 1 1	234 ////////////////////////////////////	6 /₩ / N	elect Ma Marker 1	arker		
1 Spe	ctrum	v	R	ef Lvi Offset 24.	00 dB	Mkr	1 13.74	15G	tz [	Marker F 13.7415	requency 00000 GHz	Setti	ngs
Log	Trace	1 Pass	ĸ	er Lever 15.50 u	5111		-02.	40 00		Pea	k Search	Sear	c rch
3.50										Ne	ext Peak	Pk S Conf	earch ig
-6.50										Nex	t Pk Right	Prop	erties
-16.5										Ne	t Pk Left	Mark Fund	ker Stion
-36.5										Minir	num Peak	Mark	ker→
-46.5										Pk-F	Pk Search	Cour	nter
-56.5										Mar	ker Delta		
-66.5	a ling to a line of		and the second sec		a ministry on a subscript of a stiller of			and discover and the		М	kr→CF		
-76.5										Mkr	→Ref Lvl		
Start #Res	12.750 GF BW 1.0 M		<b>?</b> Apr 01, 2021	#Video BW 3.0 N	1Hz*	#Swe	Stop eep ~6.51 s	16.000 G (6501 p	Hz ts)	Continuc Search On Off	ous Peak		

TEST REPORT

Sp Sv	ectrum A vept SA	nalyzer 2	Spectrum Analyzer Swept SA	3 Spectrum Swept SA	n Analyzer 4	Spectrum Anal Channel Powe	lyzer 5 er	+ )	Meas Setu	ip 🔹 😽
KEY		Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NEE: Adaptive	#Atten: 10 dB Preamp: Off	PNO: Fast Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Po Trig: Free Ru	ower (RMS) in	1 2 3 4 5 6 VWWWWW	Select Limit Limit 1 v	Settings
1 Sper Scale	rass ctrum /Div 10 d	B	In L. / Mapave	Ref LvI Offset 24. Ref Level 13.50 d	.00 dB IBm	Mkr1	22.425	65 GHz 63 dBm	Limit On Off	Limits
Log 3.50	Trace	1 Pass							Margin 0.00 dB On	Legacy Compat
-6.50									Off Type	Advanced
-16.5									Upper Lower	Global
-36.5									All Limits	
-46.5								<u></u>	Test Limits On Off	
-66.5									X Axis Unit Freq	1
-76.5									Delete All Limits	
Start #Res	16.000 GI BW 1.0 N	Hz IHz		#Video BW 3.0 M	WHz*	#Swe	Stop ep ~20.0 s	23.000 GHz (20001 pts)		
	5		? Apr 01, 2021 12:42:05 PM							

Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
В	В	16QAM	20	1000	-19.02
В	Т	16QAM	20	1000	-19.02

Channel Position B

						SIGUID			
	ectrum An rept SA	alyzer 1	Spectrum Analyzer 2 Swept SA	2 Spectrum Swept SA	Analyzer 3	Spectrum Analyz Swept SA	er 4 🕇 🕇	Marker	- ※
KEY		Input: RF Coupling: DC Align: Auto	Input Ζ: 50 Ω Corr CCorr Freq Ref: Int (S) NFE: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Powe Trig: Free Run	er (RMS) 123456 WWWWWW ANNNN	Select Marker Marker 1	
1 Spec	ctrum	•	F	Ref LvI Offset 22	.00 dB	Mkr	1 2.104 0 GHz	Marker Frequency 2.104000000 GHz	Settings
Scale Log	/Div 10 dE	3	F	Ref Level 19.38 d	Bm		-39.40 dBm	Peak Search	Peak Search
9.38	Trace	1 Pass						Next Peak	Pk Search Config
-0.62								Next Pk Right	Properties
-10.6								Next Pk Left	Marker Function
-30.6								Minimum Peak	Marker→
-40.6							1	Pk-Pk Search	Counter
-50.6			N					Marker Delta	
-60.6			ويعادوه المراجع والمراجع والم				and the second	Mkr→CF	
-70.6								Mkr→Ref Lvl	
Start 9 #Res	9 kHz BW 1.0 M	Hz		#Video BW 3.0 I	MHz*	#Swee	Stop 2.104 GHz p ~6.81 s (6800 pts)	Continuous Peak Search On	
	5		<b>?</b> Apr 01, 2021 9:29:12 AM					Off	

Spectrum Analyzer 1 Swept SA			Spectrum Analyzer Swept SA	pectrum Analyzer 2 wept SA Swept SA			Spectrum Analyzer 4			\$	Marker	v 🔛
KEY		Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFF: Adaptive	#Atten: 20 dB Preamp: Off	PNO: Fas Gate: LO IF Gain: L Sig Track	t .ow Off	Avg Type: Pe Trig: Free Ri	ower (RMS) un	123456 WWWWWW	Select M Marker	/larker 1	
1 Spectrum		•		Ref Lvl Offset 22.00 dB		Mkr1 8.290 3 GHz				Marker 8.2903	Frequency 30243 GHz	Settings
Scale Log	Div 10 d	1 Pass		Ref Level 32.00	dBm			-əə	.71 aBm	Pe	ak Search	Peak Search
22.0	11000										lext Peak	Pk Search Config
12.0			·							Ne	xt Pk Right	Properties
2.00										N	ext Pk Left	Marker Function
-18.0										Mir	imum Peak	Marker→
-28.0										Pk	-Pk Search	Counter
-38.0										M	arker Delta	
-48.0					1-						Mkr→CF	
-58.0			m		m	~~~	$\sim$	m	~~~	M	kr→Ref Lvl	
Start 2.206 GHz #Video BW 3.0 MHz* Stop 12.75 #Res BW 1.0 MHz #Sweep ~18.1 s (181)						12.750 GHz (18121 pts)	Continu Search Oi Oi	ious Peak n f				
	5		9:31:39 AM									

Spectrum Analyzer 2 Swept SA			Spectrum Analyzer 3 Spectrum Analyzer 4 S Swept SA Swept SA			Spectrum Anal Channel Powe	yzer 5 r	+	Marker	<b>、</b> 学
KEY		Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S) NFF: Adaptive	#Atten: 10 dB Preamp: Off	PNO: Fast Gate: LO IF Gain: Low Sig Track: Off	Avg Type: Po Trig: Free Ru	wer (RMS) 1 in V	23456 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Select Marker Marker 1	
1 Spectrum		*	R	Ref Lvi Offset 24.00 dB		Mkr1 13.723 0 GHz			Marker Frequency 13.723000000 GHz	Settings
Log	Traco	1 Pace	к <sup>(</sup>	er Level 13.50 a	BM		-02.	JI UBIII	Peak Search	Peak Search
3.50	Hace	1 635							Next Peak	Pk Search Config
-6.50									Next Pk Right	Properties
-16.5									Next Pk Left	Marker Function
-36.5									Minimum Peak	Marker→
-46.5									Pk-Pk Search	Counter
-56.5			1						Marker Delta	
-66.5	a des de la companya	and the second			and finds and say an end of the little			a hanna a sha a	Mkr→CF	
-76.5									Mkr→Ref Lvl	
Start #Res	Start 12.750 GHz         #Video BW 3.0 MHz*         Stop 16.000 G           #Res BW 1.0 MHz         #Sweep ~6.51 s (6501 p							16.000 GHz (6501 pts)	Continuous Peak Search On	
E > C I ? Apr 01, 2021									Off	