

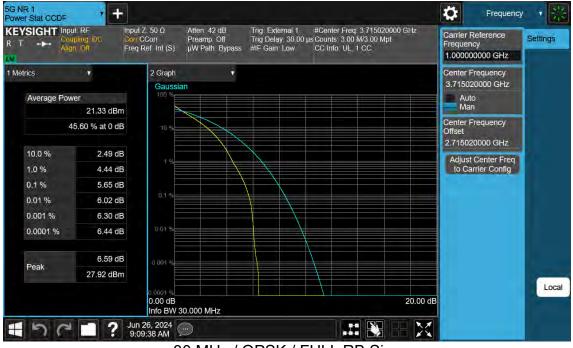


40 MHz / 256QAM / FULL RB Size





30 MHz / π/2 BPSK / FULL RB Size



30 MHz / QPSK / FULL RB Size





30 MHz / 16QAM / FULL RB Size



30 MHz / 64QAM / FULL RB Size





30 MHz / 256QAM / FULL RB Size









20 MHz / QPSK / FULL RB Size





20 MHz / 16QAM / FULL RB Size



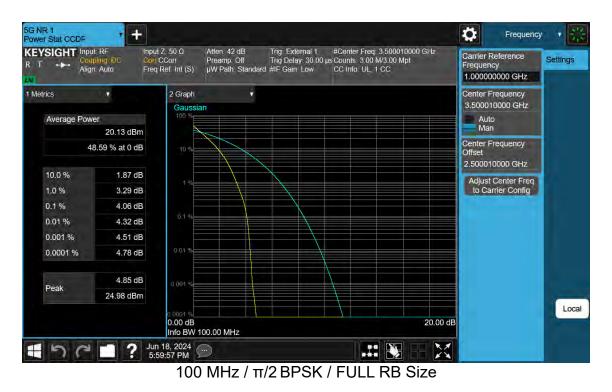
20 MHz / 64QAM / FULL RB Size





20 MHz / 256QAM / FULL RB Size

8.2.13. NR Band n77 (3 450 ~ 3 550 MHz)



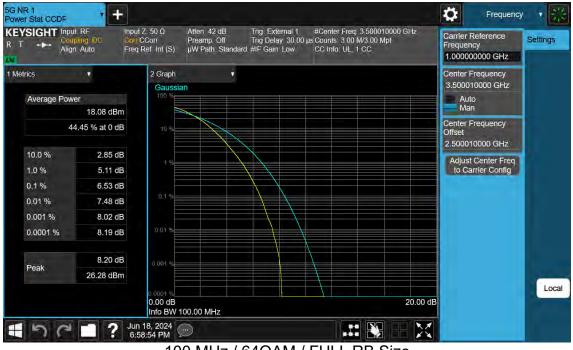


100 MHz / QPSK / FULL RB Size





100 MHz / 16QAM / FULL RB Size



100 MHz / 64QAM / FULL RB Size





100 MHz / 256QAM / FULL RB Size



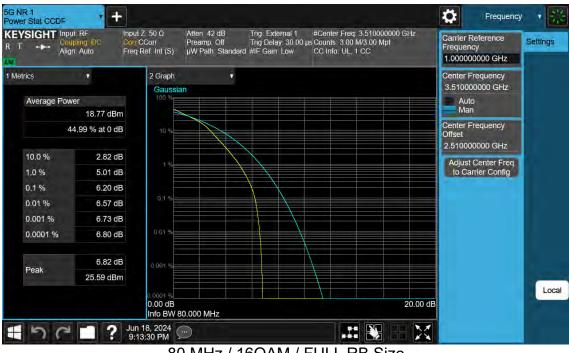


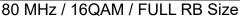
80 MHz / π/2 BPSK / FULL RB Size



80 MHz / QPSK / FULL RB Size









80 MHz / 64QAM / FULL RB Size





80 MHz / 256QAM / FULL RB Size





60 MHz / π/2 BPSK / FULL RB Size



60 MHz / QPSK / FULL RB Size





60 MHz / 16QAM / FULL RB Size



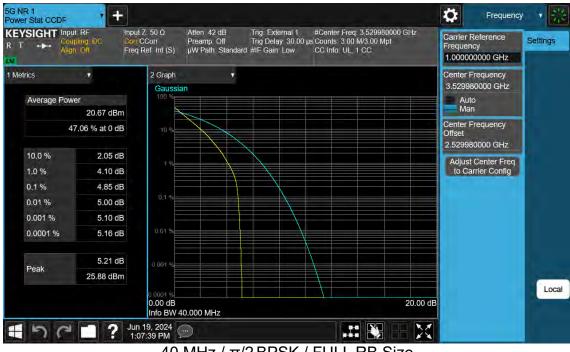
60 MHz / 64QAM / FULL RB Size



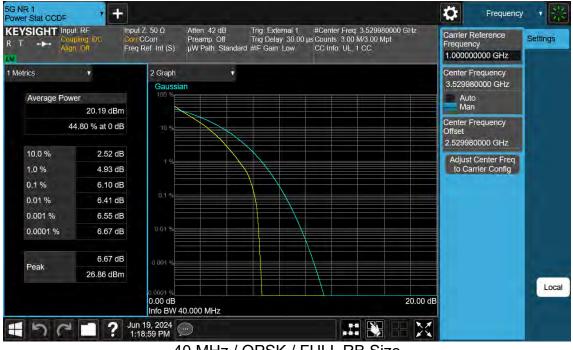


60 MHz / 256QAM / FULL RB Size





40 MHz / π/2 BPSK / FULL RB Size



40 MHz / QPSK / FULL RB Size





40 MHz / 16QAM / FULL RB Size



40 MHz / 64QAM / FULL RB Size





40 MHz / 256QAM / FULL RB Size





20 MHz / π/2 BPSK / FULL RB Size



20 MHz / QPSK / FULL RB Size





20 MHz / 16QAM / FULL RB Size



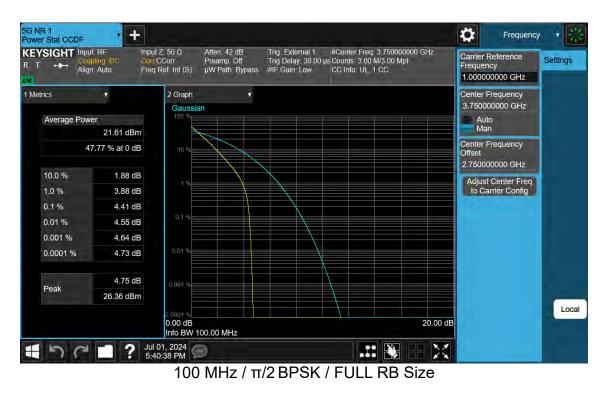
20 MHz / 64QAM / FULL RB Size





20 MHz / 256QAM / FULL RB Size

8.2.14. NR Band n77 (3 700 ~ 3 980 MHz)





100 MHz / QPSK / FULL RB Size





100 MHz / 16QAM / FULL RB Size



100 MHz / 64QAM / FULL RB Size





100 MHz / 256QAM / FULL RB Size



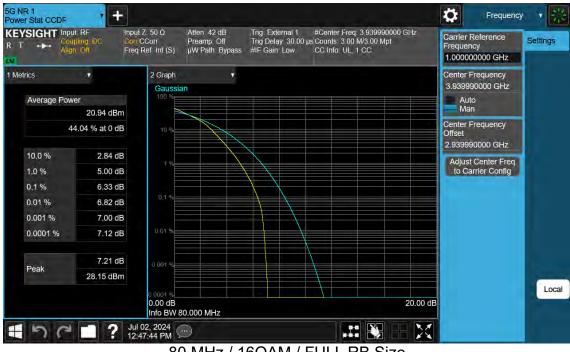


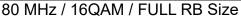
80 MHz / π/2 BPSK / FULL RB Size



80 MHz / QPSK / FULL RB Size









80 MHz / 64QAM / FULL RB Size





80 MHz / 256QAM / FULL RB Size





60 MHz / π/2 BPSK / FULL RB Size



60 MHz / QPSK / FULL RB Size





60 MHz / 16QAM / FULL RB Size



60 MHz / 64QAM / FULL RB Size

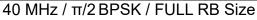




60 MHz / 256QAM / FULL RB Size









40 MHz / QPSK / FULL RB Size





40 MHz / 16QAM / FULL RB Size



40 MHz / 64QAM / FULL RB Size





40 MHz / 256QAM / FULL RB Size





20 MHz / π /2 BPSK / FULL RB Size



20 MHz / QPSK / FULL RB Size





20 MHz / 16QAM / FULL RB Size



20 MHz / 64QAM / FULL RB Size





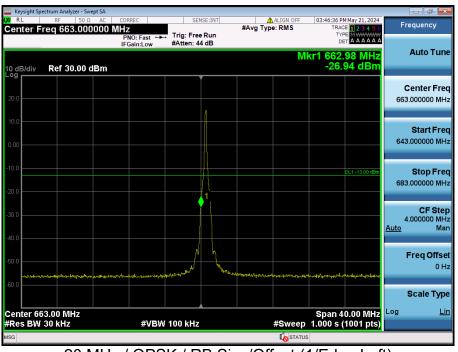
20 MHz / 256QAM / FULL RB Size



8.3. BAND EDGE EMISSIONS(Conducted)

8.3.1. NR Band n71

- Lower Band Edge



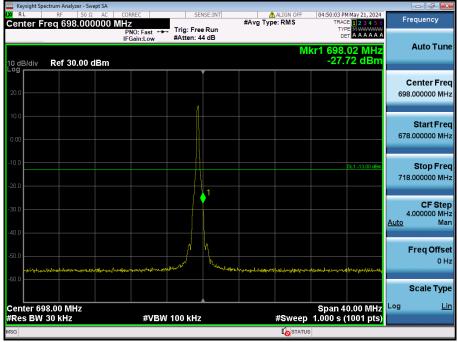
20 MHz / QPSK / RB Size/Offset (1/Edge Left)



20 MHz / QPSK / RB Size/Offset (1/Edge Left)



🛈 Dt&C



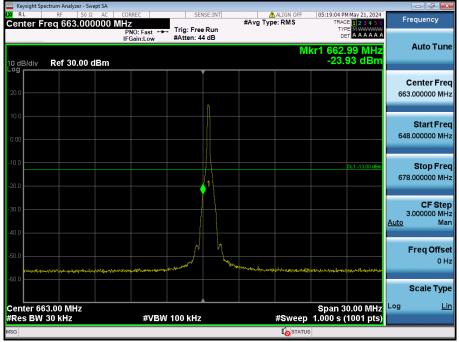
20 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



20 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



Dt&C



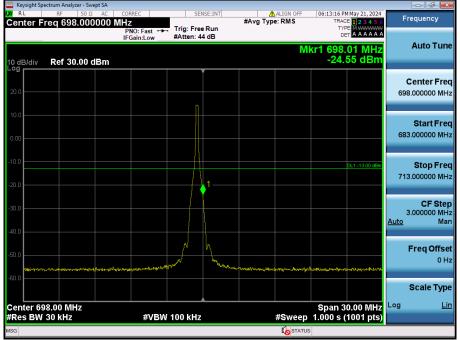
15 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)

- Lower Extended Band Edge



15 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)

🛈 Dt&C



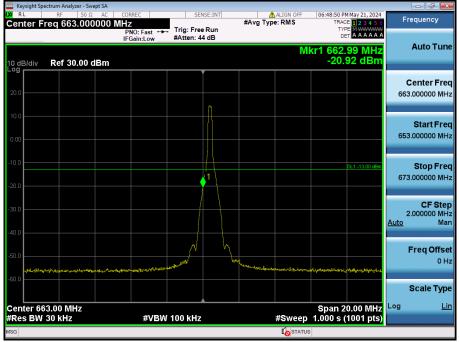
15 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



15 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



🛈 Dt&C



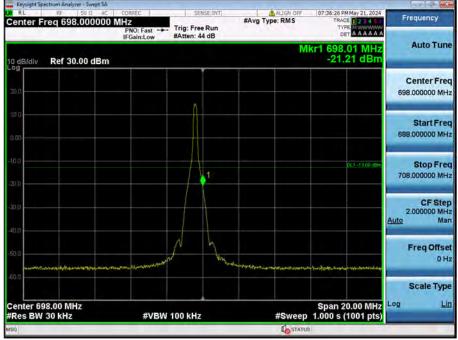
10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)



10 MHz / QPSK / RB Size/Offset (1/Edge Left)



🛈 Dt&C



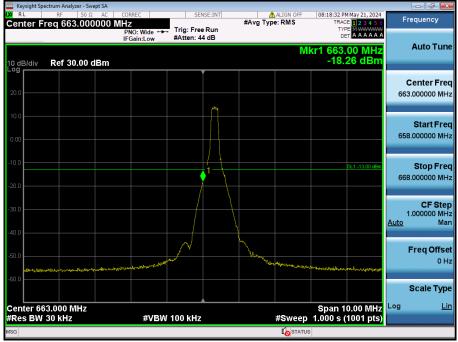
10 MHz / QPSK / RB Size/Offset (1/Edge Left)



10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



🛈 Dt&C



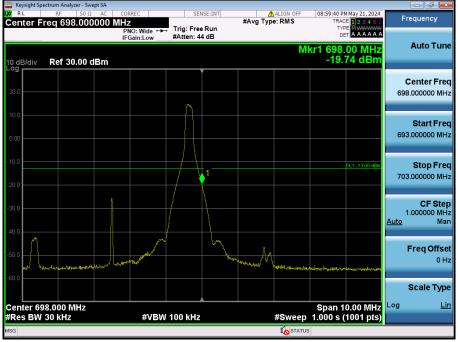
5 MHz / 16QAM / RB Size/Offset (1/Edge Left)



5 MHz / 16QAM / RB Size/Offset (1/Edge Left)



🛈 Dt&C



5 MHz / QPSK / RB Size/Offset (1/ Edge Right)



5 MHz / QPSK / RB Size/Offset (1/ Edge Right)



8.3.2. NR Band n12

- Lower Band Edge

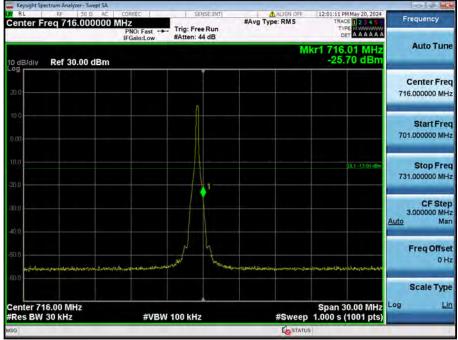




15 MHz / QPSK / FULL RB Size



🛈 Dt&C



15 MHz / QPSK / RB Size/Offset (1/Edge Right)



15 MHz / QPSK / RB Size/Offset (1/Edge Right)



🛈 Dt&C



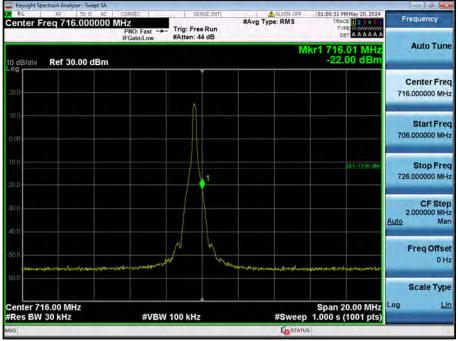
10 MHz / QPSK / FULL RB Size



10 MHz / 16QAM / FULL RB Size



🛈 Dt&C



10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



🛈 Dt&C



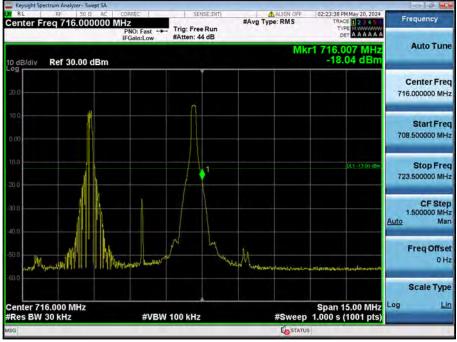
5 MHz / QPSK / FULL RB Size



5 MHz / QPSK / FULL RB Size



🛈 Dt&C



5 MHz / π /2 BPSK / RB Size/Offset (1/ Edge Right)

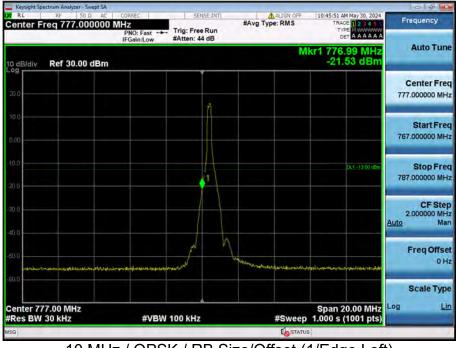


5 MHz / π/2 BPSK / RB Size/Offset (1/ Edge Right)



8.3.3. NR Band n13

- Lower Band Edge



10 MHz / QPSK / RB Size/Offset (1/Edge Left)



- Lower Extended Band Edge

10 MHz / QPSK / RB Size/Offset (1/Edge Left)

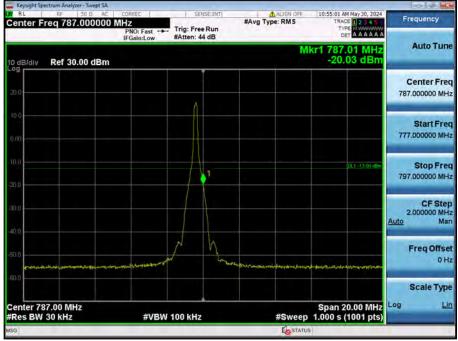
Dt&C

Keysight Spectrum Analyzer - Swep RL RF 50 D		SENSE:INT	ALIGN OFF	11:21:05 AM May 30, 2024	X
enter Freq 769.000		Trig: Free Run #Atten: 44 dB	#Avg Type: RMS	TRACE	Frequency
0 dB/div Ref 30.00 d			Mk	r1 772.540 MHz -59.70 dBm	Auto Tune
og 10 n					Center Fred 769.000000 MHz
0.00					Start Free 763.000000 MH
0.0					Stop Free 775.000000 MH
0.0				DL1 -35-00 dBin	CF Ster 1.200000 MH Auto Ma
00				1	Freq Offse 0 H
tart 763.000 MHz			กรูปของสถานใหญ่ในการการการเป็นการใหญ่ไหญ่ไหญ่ 	Stop 775.000 MHz	Scale Type
Res BW 6.8 kHz	#VBW	ZZ KHZ	#Sweep	3.000 s (1001 pts)	

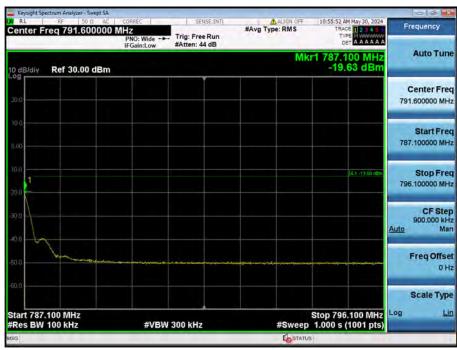
10 MHz / QPSK / (1/Inner Right)



🛈 Dt&C

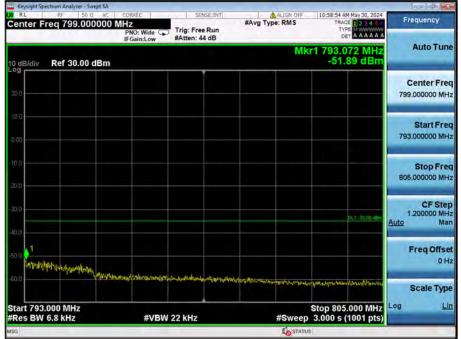


10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)

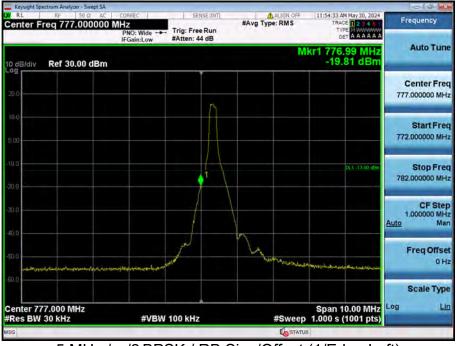


10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)

Dt&C



10 MHz / QPSK / (Full RB size)



5 MHz / π /2 BPSK / RB Size/Offset (1/Edge Left)



5 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)

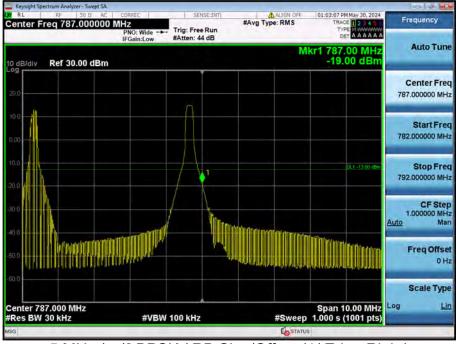
Dt&C

RL RL	RF 50 0 AC	CORREC	SENSE-INT	A.	LIGN OFF	12:02:43 PM	May 30, 2024	
enter F	req 769.000000	PNO: Wide	Trig: Free Run #Atten: 44 dB	#Avg Type:		TRACI		Frequency
0 dB/div	Ref 30.00 dBm				Mk	r1 774.9 -57.3	64 MHz 39 dBm	Auto Tu
20.0								Center Fre 769.000000 Mi
10 0 0.00								Start Fre 763.000000 Mi
10.0 20.0								Stop Fro 775.000000 Mi
10.0 10.0							Di, 1 - 15 Di) dan	CF Ste 1.200000 Mi Auto Mi
50.0							1	Freq Offs 01
	Application particul formation	Kinenskan Estad fan Sjoweneddolfen	ny rangellow style copperation	nani-ta-fankelinn-ta-ben				Scale Typ
Res BW	.000 MHz 6.8 kHz	#VBW 2	22 kHz	;	#Sweep	Stop 775. 3.000 s (*	1001 pts)	the state of the s
sa					STATUS			

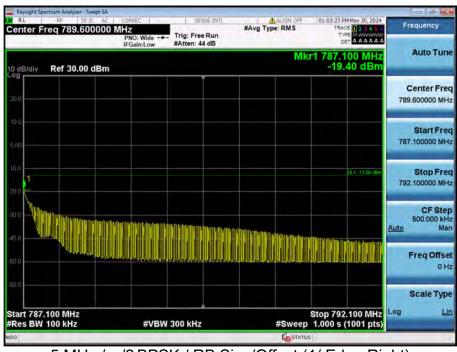
5 MHz / QPSK / FULL RB Size



🛈 Dt&C



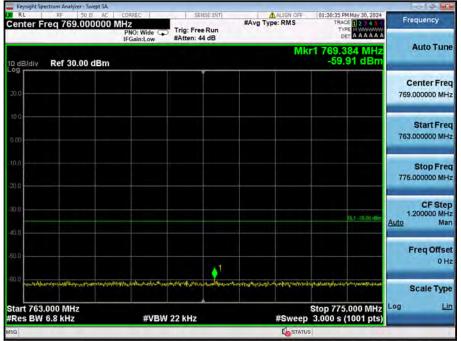
5 MHz / π /2 BPSK / RB Size/Offset (1/ Edge Right)



5 MHz / π/2 BPSK / RB Size/Offset (1/ Edge Right)

Dt&C

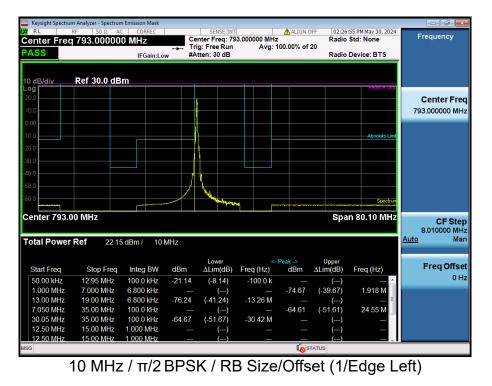
- Upper Extended 2 Band Edge



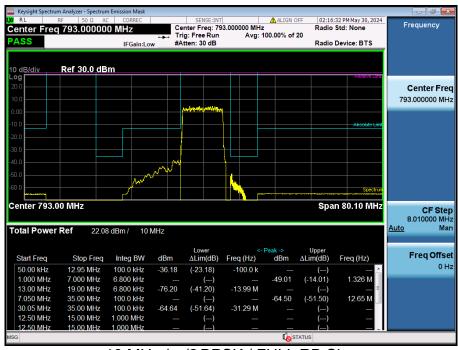
5 MHz / 64QAM / RB Size/Offset (1/ Edge Right)

8.3.4. NR Band n14

- Lower Band Edge



- Higher Band Edge



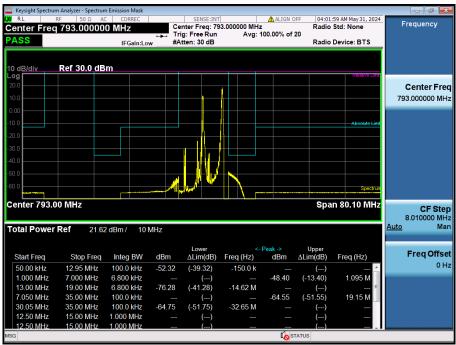
10 MHz / π/2 BPSK / FULL RB Size

🛈 Dt&C

		n Emission Mask							
	RF 50 Ω A			SENSE:INT	3.000000 MHz	ALIGN O		:35 PM May 30, 2024 Std: None	Frequency
	793.00000 p	UMHZ		g: Free Run		00.00% of 2		Std. None	
PASS		IFGain:Lo		tten: 30 dB				Device: BTS	
l0 dB/div ₋og	Ref 30.0 dB	m						Relative Lint	
20.0									Contor Ero
									Center Fre
10.0									793.000000 MH
0.00									
10.0					السوار			Absolute Limit	
20.0									
30.0									
40.0									
50.0				1					
50.0				<u>\</u>					
50.0				- when when	*			Spectrum	
60.0				Lashard	*1				
50.0	00 MHz			-	4		Spa	spectrum n 80.10 MHz	8.010000 MH
60.0 Center 793.0		9 dBm / 10	MHz	-	"		Spa		CF Ste 8.010000 M⊦ <u>Auto</u> Ma
60.0 Center 793.0		9 dBm / 10	MHz						8.010000 MH
		9 dBm / 10 Integ BW	MHz dBm	Lower ∆Lim(dB)		Peak -> dBm	Spa Upper ΔLim(dB)		8.010000 MH <u>Auto</u> Ma Freq Offso
Center 793.0	Ref 22.49			Lower	<		Upper	n 80.10 MHz	8.010000 MH <u>Auto</u> Ma Freq Offso
Center 793.0	Ref 22.49	Integ BW	dBm	Lower ∆Lim(dB)	<- Freq (Hz)		Upper ΔLim(dB)	n 80.10 MHz	8.010000 MH <u>Auto</u> Ma Freq Offso
Center 793.0 Conter 793.0 Fotal Power Start Freq 50.00 kHz	Ref 22.49 Stop Freq 12.95 MHz	Integ BW 100.0 kHz	dBm -19.16	Lower ΔLim(dB) (-6.16)	< Freq (Hz) -100.0 k	dBm 	Upper ΔLim(dB) ()	n 80.10 MHz Freq (Hz) 1	8.010000 MH <u>Auto</u> Ma Freq Offs
Center 793.0 Cotal Power Start Freq 50.00 kHz 1.000 MHz	Ref 22.49 Stop Freq 12.95 MHz 7.000 MHz	Integ BW 100.0 kHz 6.800 kHz	dBm -19.16 	Lower ∆Lim(dB) (-6.16) ()	Freq (Hz) -100.0 k	dBm -75.48	Upper ΔLim(dB) () (-40.48)	n 80.10 MHz Freq (Hz) 1	8.010000 MH <u>Auto</u> Ma Freq Offs
Center 793.0 Center 793.0 Fotal Power Start Freq 50.00 kHz 1.000 MHz 1.000 MHz	Ref 22.49 Stop Freq 12.95 MHz 7.000 MHz 19.00 MHz	Integ BW 100.0 kHz 6.800 kHz 6.800 kHz	dBm -19.16 -76.26	Lower ΔLim(dB) (-6.16) () (-41.26)	Freq (Hz) -100.0 k -14.09 M	dBm -75.48 	Upper ΔLim(dB) () (-40.48) ()	Freq (Hz)	8.010000 MH <u>Auto</u> Ma Freq Offso
Center 793.0 Conter 793.0 Fotal Power Start Freq 50.00 kHz 1.000 MHz 13.00 MHz 7.050 MHz	Ref 22.49 Stop Freq 12.95 MHz 7.000 MHz 19.00 MHz 35.00 MHz	Integ BW 100.0 kHz 6.800 kHz 6.800 kHz 100.0 kHz	dBm -19.16 -76.26 	Lower ΔLim(dB) (-6.16) () (-41.26) () (-51.65)		dBm -75.48 	Upper ΔLim(dB) () (-40.48) () (-51.41) ()	Freq (Hz)	8.010000 MH
Center 793.0 Conter 793.0 Fotal Power Start Freq 50.00 kHz 1.000 MHz 1.000 MHz 1.000 MHz 30.05 MHz	Ref 22.43 Stop Freq 12.95 MHz 7.000 MHz 19.00 MHz 35.00 MHz 35.00 MHz	Integ BW 100.0 kHz 6.800 kHz 6.800 kHz 100.0 kHz 100.0 kHz	dBm -19.16 -76.26 -64.65	Lower <u>∆Lim(dB)</u> (-6.16) () (-41.26) ()		dBm -75.48 	Upper ΔLim(dB) () (-40.48) () (-51.41)	Freq (Hz)	8.010000 MH <u>Auto</u> Ma Freq Offso

5 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)

- Higher Band Edge



5 MHz / 16QAM / RB Size/Offset (1/ Edge Right)

8.3.5. NR Band n5

- Lower Band Edge

Frequency	10:14:41 AM May 17, 2024	ALIGN OFF	INT	SENS	CORREC	50 Q AC	nt Spectrum Ana RF	RL
rrequency	TYPE M WWWWW DET A A A A A A	g Type: RMS		Trig: Free F #Atten: 44 d	PNO: Fast	4.000000 N	r Freq 82	ente
Auto Tur	kr1 823.98 MHz -26.72 dBm	MI				0.00 dBm	iv Ref 3	0 dB/c
Center Fre 824.000000 MH								20.0
Start Fre 804.000000 MH								10 0 0.00
Stop Fre 844.000000 MH	Du1 -(13 02) dBm							10.0
CF Ste 4.000000 MH Auto Ma								10.0 40.0
Freq Offs 0 F	الم المعادية من المعادية الم	ويوي فارسه وروار وروار	h	remain	وجدية وساري المراجع والمعالية	fra 11- dagatel - dal filayora	والرافق متياه والمعالية	50 0
Scale Typ								- 01E
.og L	Span 40.00 MHz 1.000 s (1001 pts)	#Sweep		100 kHz	#VBW 1	Hz	824.00 M W 30 kHz	
	8	Lo STATUS						SG

20 MHz / 16QAM / RB Size/Offset (1/Edge Left)



20 MHz / π /2 BPSK / FULL RB Size

Dt&C

- Upper Band Edge

Frequency	10:41:37 AM May 17, 2024 TRACE 1 2 3 4 5 0 TYPE MWWWWW	#Avg Type: RMS	SENSE INT	RF 50 9 AC CORREC req 849.000000 MHz PNO: Fast	Center Fre
Auto Tun	DET A A A A A A		#Atten: 44 dB	IFGain:Low	
	kr1 849.02 MHz -27.44 dBm	IVI		Ref 30.00 dBm	0 dB/div
Center Fre 849.000000 MF					20.0
Start Fre 829.000000 MH					10.0
Stop Fre 869.000000 MH	DL1 -12 00 c6m				10.0
CF Ste 4.000000 MH Auto Ma					30.0
Freq Offse 0 H	utranski artikovanski komer	ni manafisina na manafisia ang kata sa	and have	Mar water the set of the	
Scale Typ	Span 40.00 MHz 1.000 s (1001 pts)	#Sweep	100 kHz		Center 849
		#Sweep	100 kHz	30 kHz #VE	Res BW 3

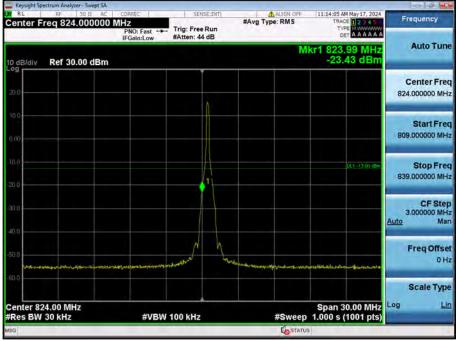
20 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)

sg			Lo STAT		
Start 850.000 MHz Res BW 100 kHz	#VBW 300	kHz	#Swee	Stop 869.000 MHz p 1.000 s (1001 pts)	Log L
					Scale Typ
60.0					
50.0		an change and and an	ohn manageling an		Freq Offs
40.0 Menural					
▲ 1					1.900000 MH Auto Ma
30.0					CF Ste
20.0					869.000000 Mi
10.0				DL1 -13 00 dBm	Stop Fre
0.00					850.000000 MH
10.0					Start Fre
20.0					Center Fre 859,500000 MH
0 dB/div Ref 30.00 dBm				-40.42 dBm	
	IFGain:Low #A	tten: 44 dB	M	kr1 850.323 MHz	Auto Tur
Center Freq 859.500000	PNO: Fast Tri	g: Free Run	#Avg Type: RMS	TYPE M WWWWW	Frequency
RL RF 50 Q AC	CORREC	SENSE INT	ALIGN OFF	10:36:06 AM May 17, 2024	Frequency

20 MHz / $\pi/2$ BPSK / FULL RB Size



🛈 Dt&C



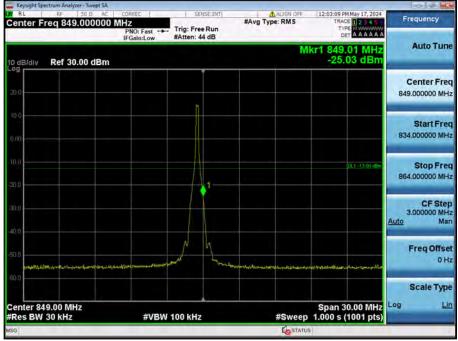
15 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)



15 MHz / 256QAM / RB Size/Offset (1/Inner Left)



🛈 Dt&C



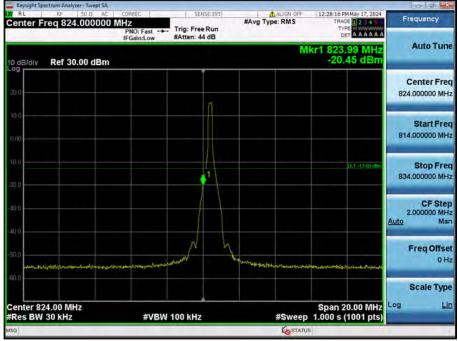
15 MHz / π/2 BPSK / RB Size / Offset (1/Edge Right)



15 MHz / 256QAM / FULL RB Size



🛈 Dt&C



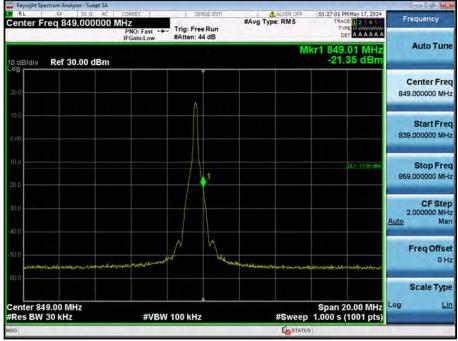
10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)



10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



🛈 Dt&C



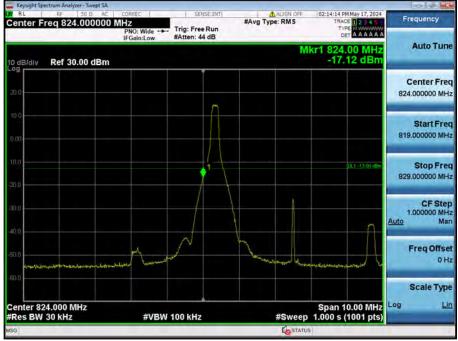
10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



10 MHz / π /2 BPSK / FULL RB Size



🛈 Dt&C



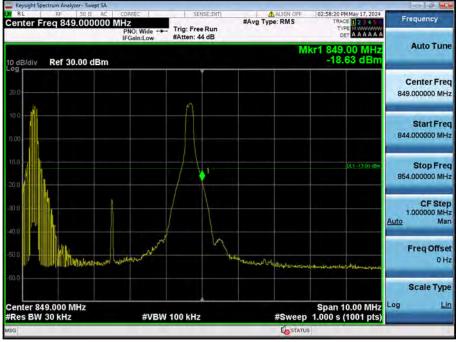
5 MHz / 16QAM / RB Size/Offset (1/Edge Left)



5 MHz / π/2 BPSK / RB Size/Offset (1/Inner Left)



🛈 Dt&C



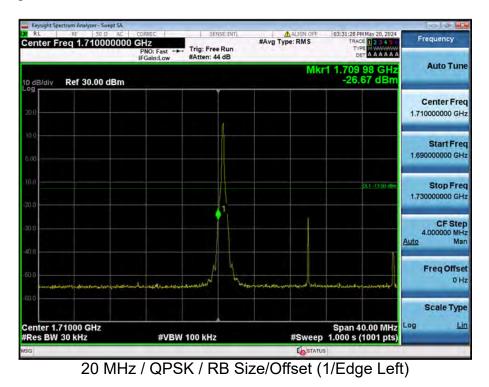
5 MHz / π /2 BPSK / RB Size/Offset (1/ Edge Right)

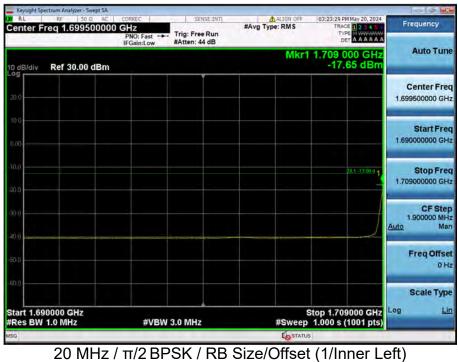


5 MHz / QPSK / FULL RB Size

8.3.6. NR Band n66

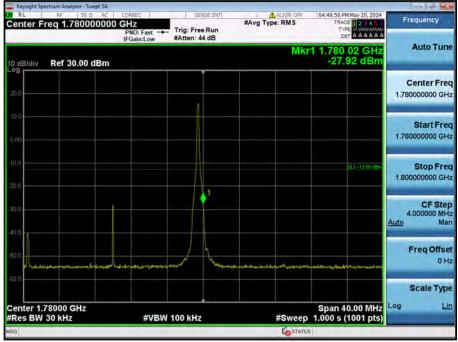
- Lower Band Edge







🛈 Dt&C



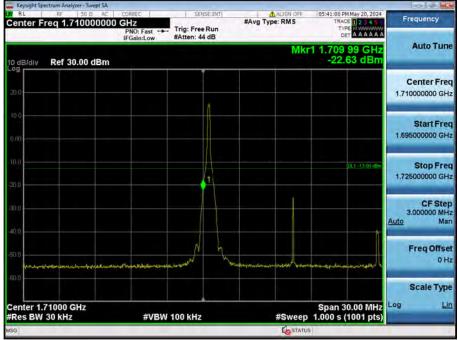
20 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)

nL RF 50.Ω AC Center Freq 1.79050000।	CORREC SENSE:INT O GHZ PNO: Fast +++ IFGain:Low #Atten: 44 dB	ALIGN OFF #Avg Type: RMS	04:55:37 PM May 20, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET A A A A A A	Frequency
0 dB/div Ref 30.00 dBm		Mkr1	1.781 000 GHz -18.63 dBm	Auto Tur
20.0				Center Fr 1.790500000 G
0.00				Start Fr 1.781000000 G
10.0 1			DL1 -13.00 dBm	Stop Fr 1.800000000 G
				CF Ste 1.900000 M <u>Auto</u> M
30.0				Freq Offs 0
60.0				Scale Ty
Start 1.781000 GHz Res BW 1.0 MHz	#VBW 3.0 MHz	#Sweep	Stop 1.800000 GHz 1.000 s (1001 pts)	Log <u>l</u>

20 MHz / QPSK / RB Size/Offset (1/Inner Right)



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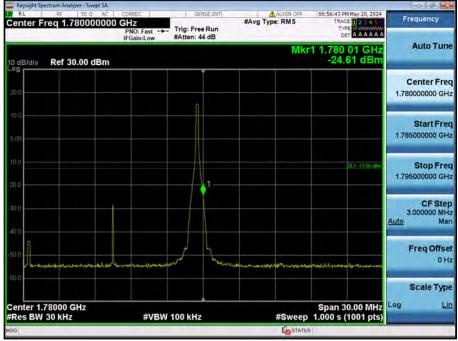
15 MHz / QPSK / RB Size/Offset (1/Edge Left)



15 MHz / 16QAM / RB Size/Offset (1/Inner Left)



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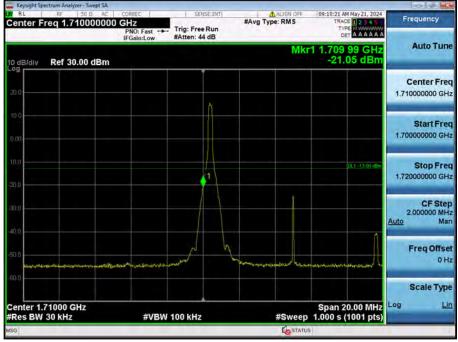
15 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



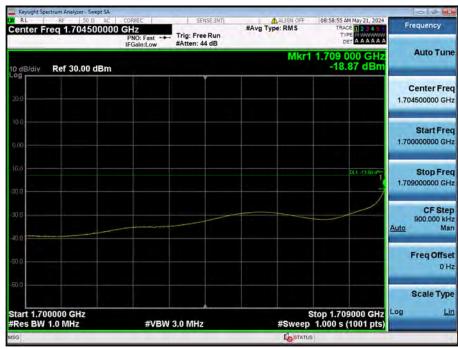
15 MHz / QPSK / RB Size/Offset (1/Edge Left)



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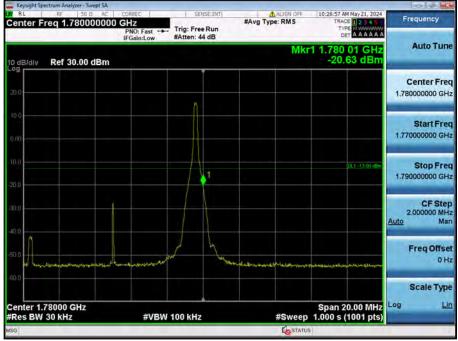
10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)



10 MHz / π /2 BPSK / FULL RB Size



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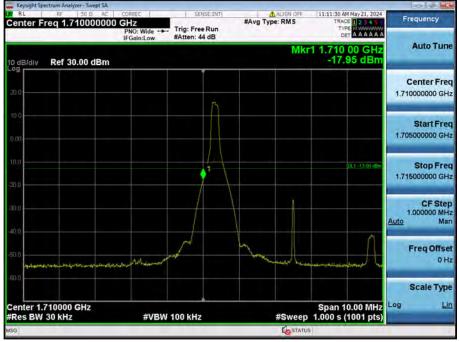
10 MHz / π/2 BPSK / RB Size/Offset (1/Edge Right)



10 MHz / 256QAM / RB Size/Offset (1/Inner Right)



🛈 Dt&C

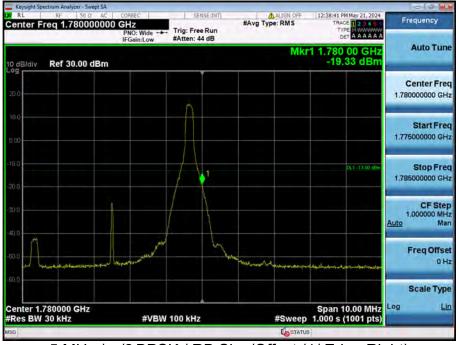


5 MHz / π/2 BPSK / RB Size/Offset (1/Edge Left)



5 MHz / 64QAM / FULL RB Size

🛈 Dt&C



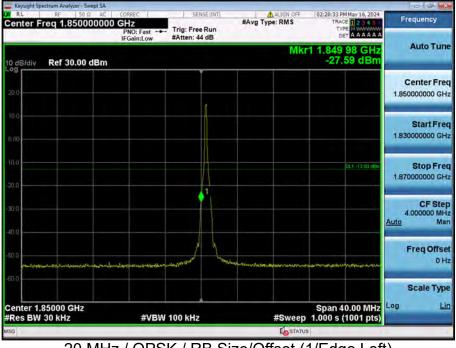
5 MHz / π /2 BPSK / RB Size/Offset (1/ Edge Right)

IO dB/div Ref 30.00 dBm			DET A A A A A A	-
. po		Mkr1	1.781 000 GHz -15.27 dBm	Auto Tun
20 0				Center Fre 1.783500000 GH
0.00				Start Fre 1.781000000 GH
10.0 1			D. 1 -13 00 cem	Stop Fre 1.786000000 GF
30.0				CF Ste 500.000 kH Auto Ma
50.0				Freq Offs 0 F
510 Start 1.781000 GHz #Res BW 1.0 MHz	#VBW 3.0 MHz	s #Sweep	Stop 1.786000 GHz 1.000 s (1001 pts)	Scale Typ Log L

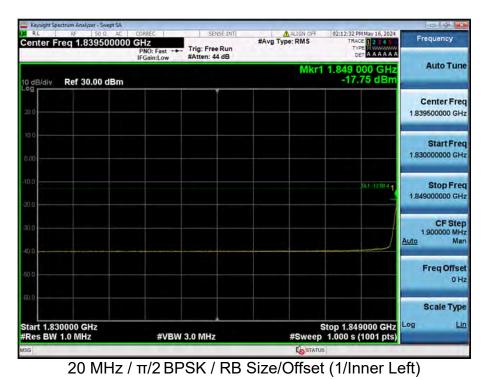
5 MHz / QPSK / FULL RB Size

8.3.7. NR Band n2

- Lower Band Edge

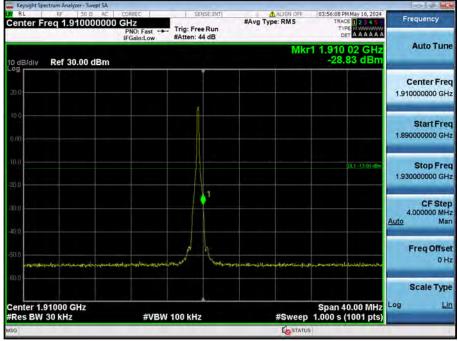


20 MHz / QPSK / RB Size/Offset (1/Edge Left)





🛈 Dt&C



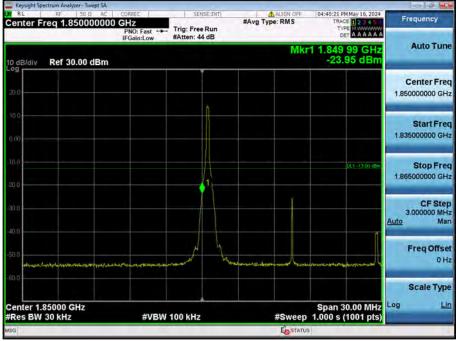
20 MHz / 16QAM / RB Size/Offset (1/Edge Right)



20 MHz / π/2 BPSK / RB Size/Offset (1/Inner Right)



🛈 Dt&C



15 MHz / 16QAM / RB Size/Offset (1/Edge Left)



15 MHz / 16QAM / RB Size/Offset (1/Inner Left)