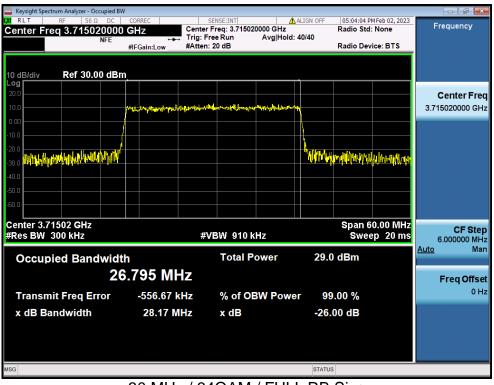


	🔤 Keysight Spectrum Analyzer - Occupied BW												
	LT R				RREC		SENSE:INT Freg: 3.7150		ALIGN OFF	04:49:02 P Radio Std	M Feb 02, 2023	F	requency
NFE Trig: Free Run Avg Hold: 40/40													
				#IFC	Gain:Low	#Atten:	20 dB			Radio Dev	/ice: BTS		
10 dE Log	B/div	Ref 30.0	0 dBm	_					- <u> </u>				
20.0													Center Freq
10.0				A alan	- Jallandar		Warna and Maryon	www.wanana	4				15020000 GHz
0.00													
-10.0													
-20.0									1				
-30.0	hallow marked	whypypyph	Wark W						"HUMANN"	runghand	halpalation		
-40.0													
-50.0													
-60.0													
	ter 3.7150					-43	(B) (1 0 4 0 1	-11-			0.00 MHz		CF Step
#Re	s BW 300	UKHZ				#\	/BW 910	KHZ		Swee	ep 20 ms		6.000000 MHz
0	ccupie	d Band	widt	h			Total F	ower	29.	5 dBm		<u>Auto</u>	Man
					70 M	<b>L</b> 17							
			20		10 14	ΠΖ							Freq Offset
T	ransmit l	Freq Er	ror		-510.08	kHz	% of O	BW Powe	r 99	0.00 %			0 Hz
x	dB Band	dwidth			28.16	MHz	x dB		-26.	00 dB			
MSG									STATU	3			





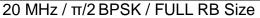


Keysight Spectrum Analyzer - Occupied E	3W							
XX RLT RF 50Ω DC	CORREC	SENSE:INT	ALIGN OFF	07:13:49 PM Feb 02,	2023 Frequency			
Center Freq 3.96498000	0 GHz	Center Freq: 3.964980 Trig: Free Run	Avg Hold: 40/40	Radio Std: None				
NFE	#IFGain:Low	#Atten: 42 dB		Radio Device: BT	s			
10 dB/div Ref 30.00 dB	m							
20.0					O antes Fran			
					Center Freq			
10.0	approximation and the second	ዀጜ፼ቘጚቒዺኯቚ፞ቚቔቔጞጞጞጞጚኯ	a for the second		3.964980000 GHz			
0.00								
-10.0								
-20.0			<u>\</u>					
				h				
-30.0			C. And A Market	Huntertaliter mathematic	Moun			
	ا حصی کا ک							
-50.0								
-60.0								
Center 3.96498 GHz		43/DW 040 K		Span 60.00 M				
#Res BW 300 kHz		#VBW 910 k	fiz	Sweep 20	0.000000 MHz			
Occupied Bandwid	th	Total P	ower 27 (	) dBm	<u>Auto</u> Man			
			21.0					
2	26.774 MHz							
Transmit Freq Error	-543.01 ki	Hz % of OE	W Power 99	0.00 %	Freq Offset 0 Hz			
x dB Bandwidth	28.33 MI	Hz xdB	-26	00 dB				
x ub bandwidth	20.55 mi		-220.					
MSG			STATUS	3				

30 MHz / 256QAM / FULL RB Size





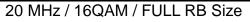


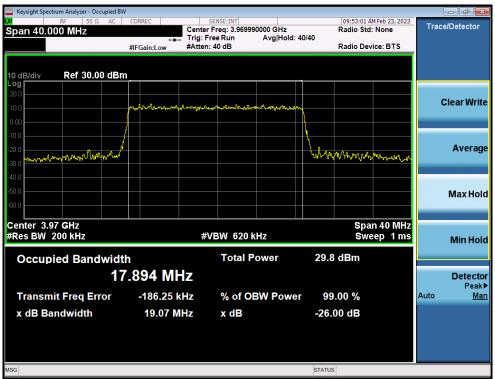


20 MHz / QPSK / FULL RB Size

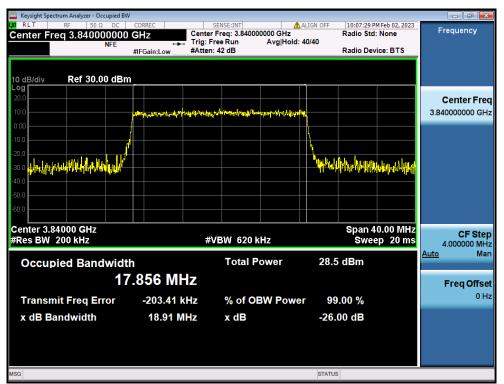
## **Dt&C**

MSG STATUS							
x dB Bandwidth	19.15 MHz	x dB	-26.00 dB				
Transmit Freq Error	-195.23 kHz	% of OBW Powe	r 99.00 %		Peak Auto <u>Ma</u>		
Occupied Bandwidth Total Power 30.8 dBm 17.919 MHz							
				op - 1115	Min Hole		
Center 3.97 GHz #Res BW 200 kHz	#	VBW 620 kHz	Spa	n 40 MHz ep 1 ms	Min Liel		
-60.0							
-50.0					Max Hole		
-30.0							
-20.0			ham proprieto	hmung	Averag		
-10.0							
10.0	- hand and the areas and the second s	man man man			Clear Write		
20.0							
10 dB/div Ref 30.00 dB	m						
		Free Run Avg Hold:> n: 40 dB	▶40/40 Radio Dev	ice: BTS			
₩ RF 50 Ω AC Span 40.000 MHz		SENSE:INT r Freq: 3.969990000 GHz	Radio Std	M Feb 23, 2023 None	Trace/Detector		
Keysight Spectrum Analyzer - Occupied B					- ē 🗾		





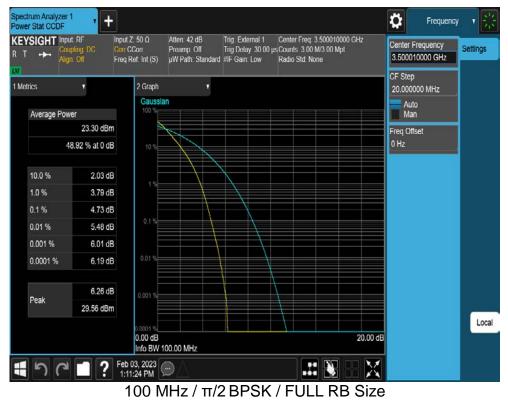




20 MHz / 256QAM / FULL RB Size

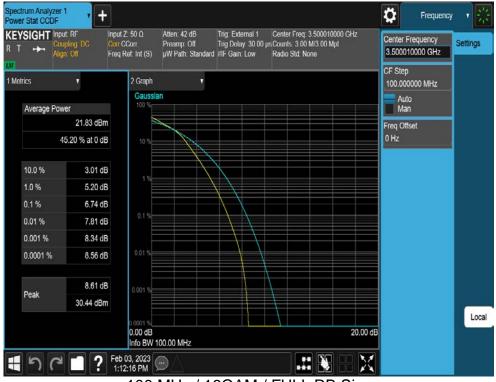
### **8.2. PEAK TO AVERAGE RATIO**

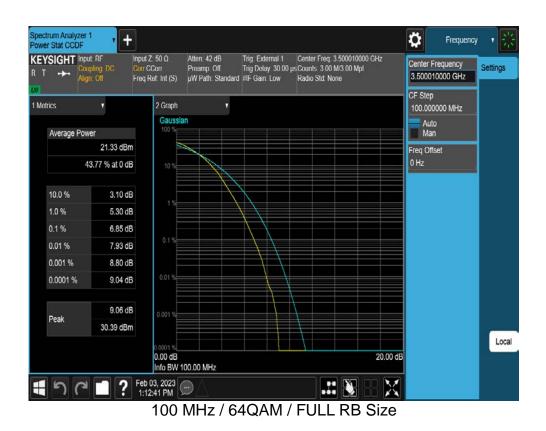
#### 8.2.1. 3 450 ~ 3 550 MHz band



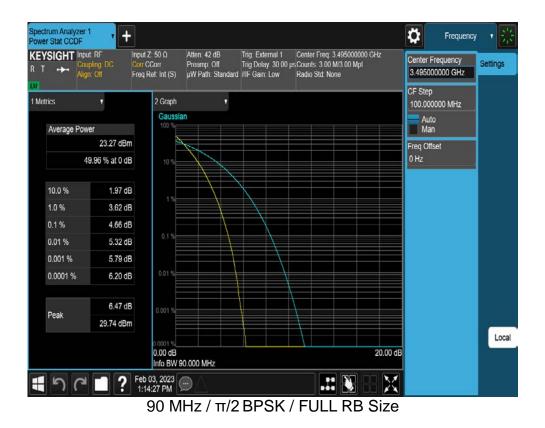


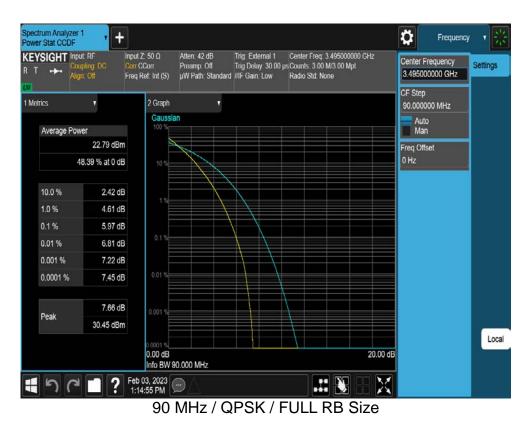
100 MHz / QPSK / FULL RB Size

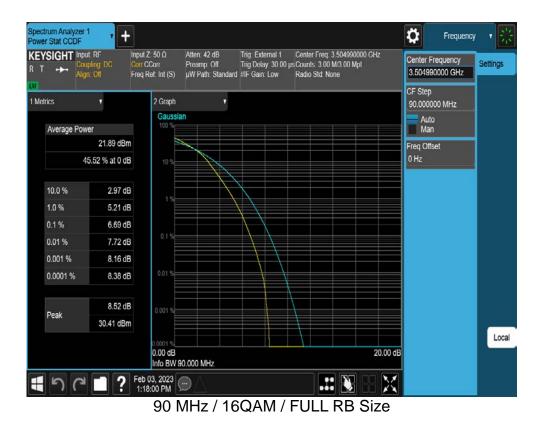


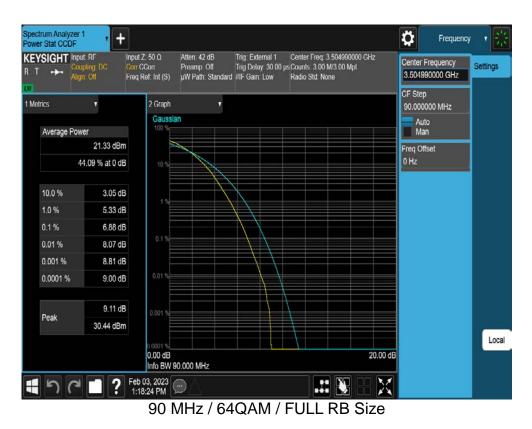


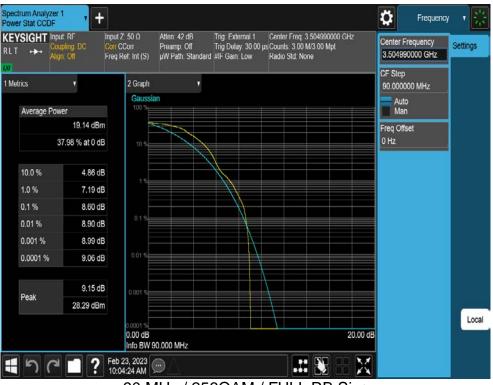








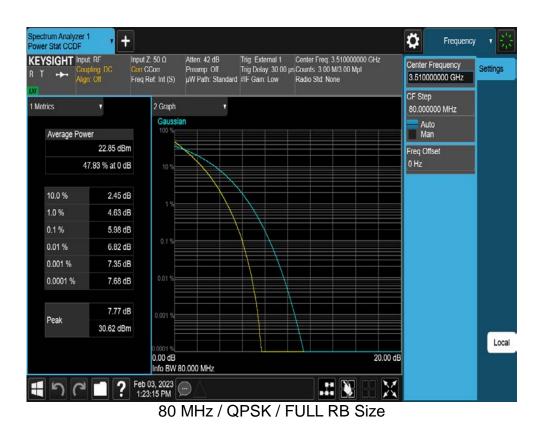


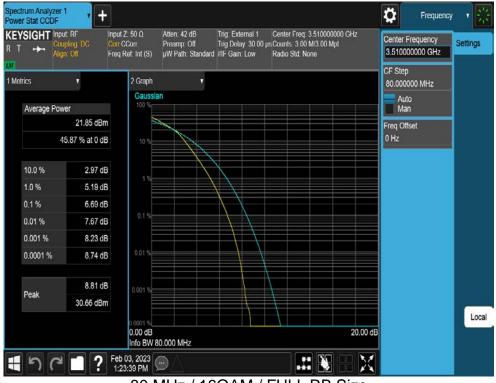


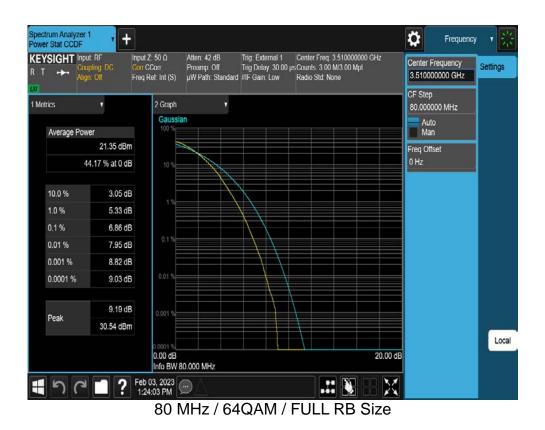
90 MHz / 256QAM / FULL RB Size





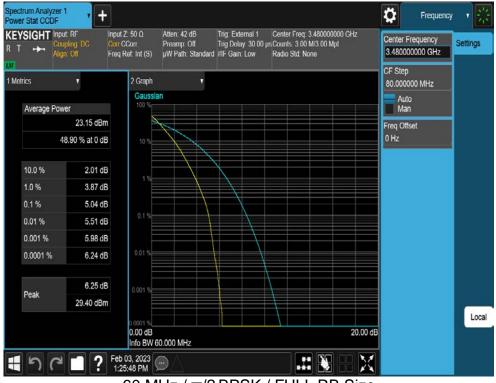




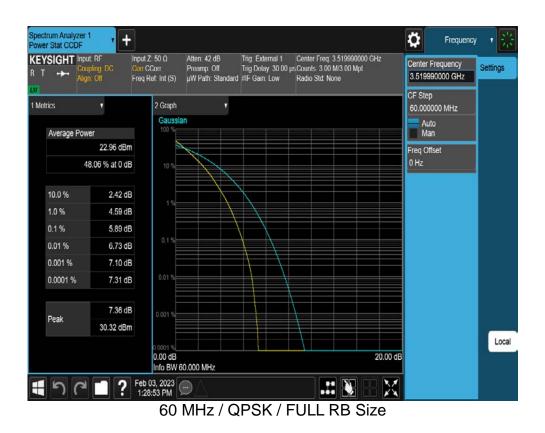


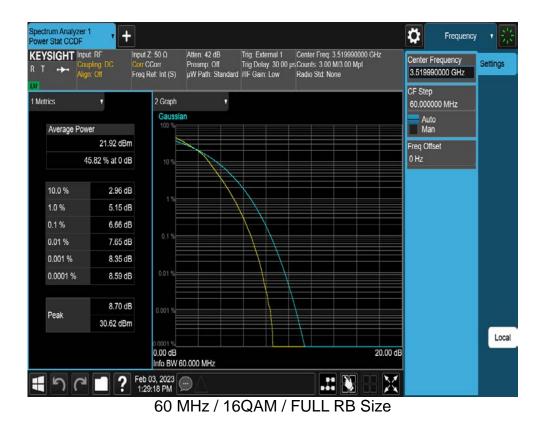


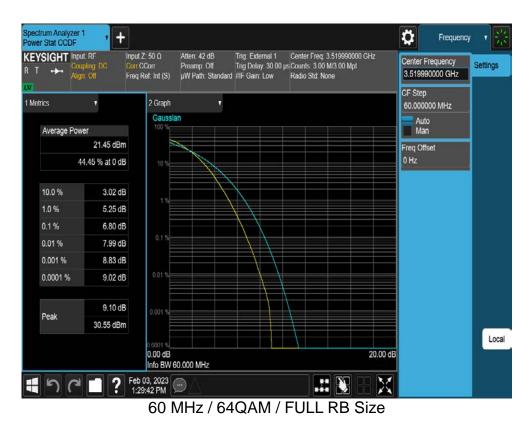
80 MHz / 256QAM / FULL RB Size



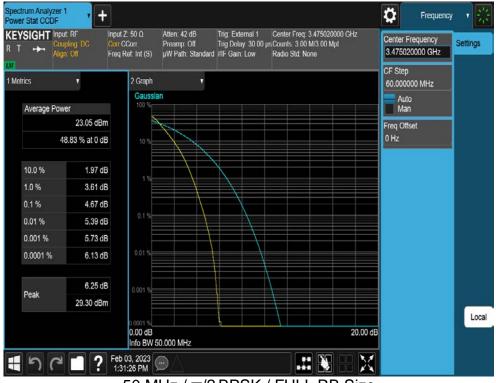
60 MHz / π/2 BPSK / FULL RB Size



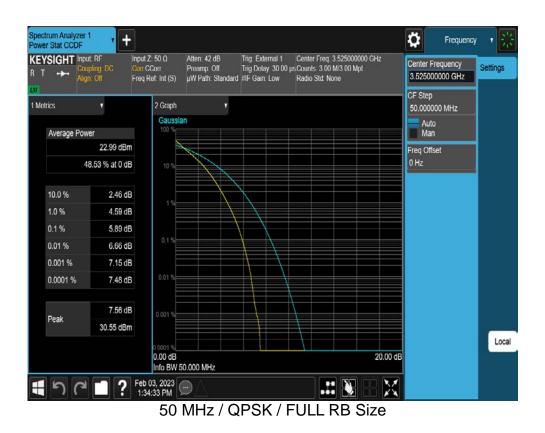


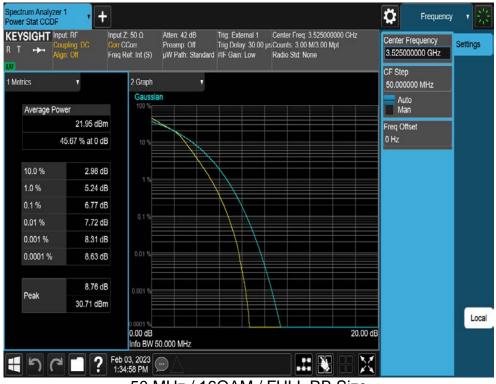


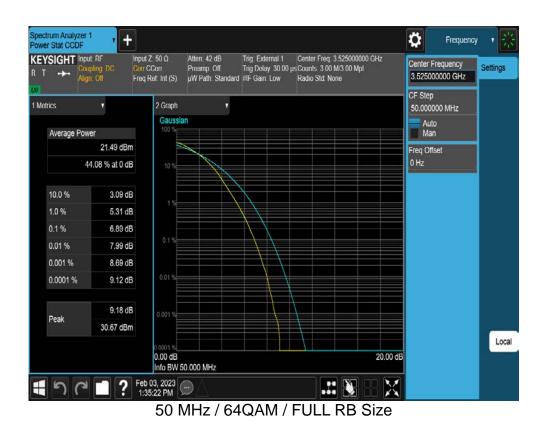


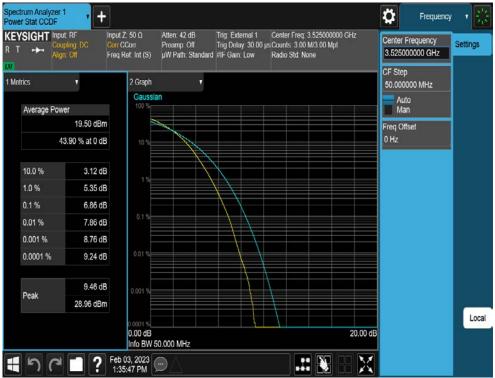


50 MHz / π/2 BPSK / FULL RB Size

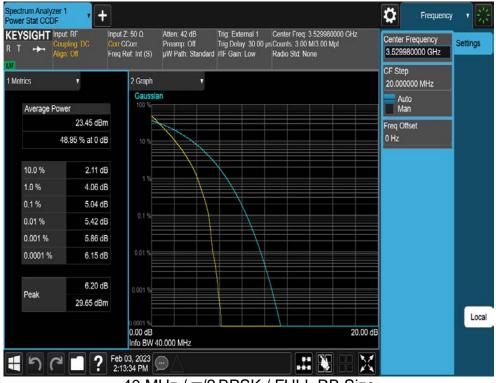




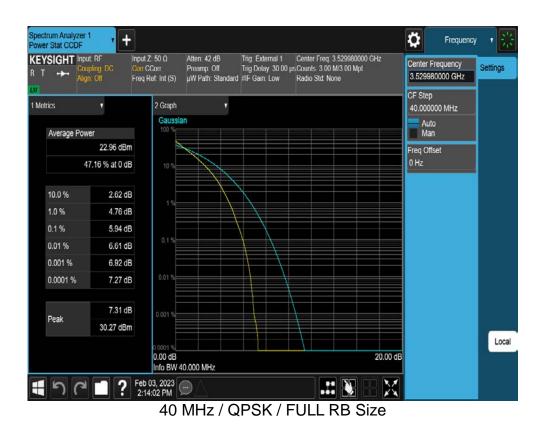


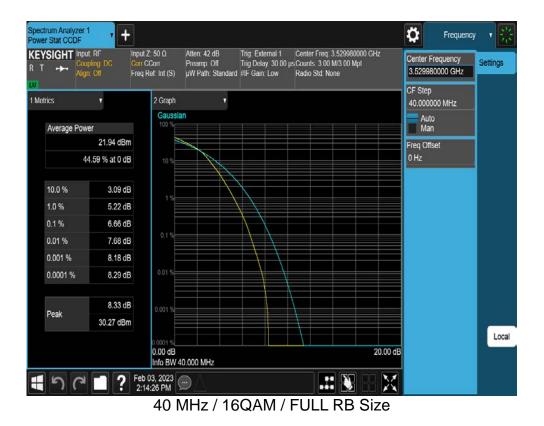


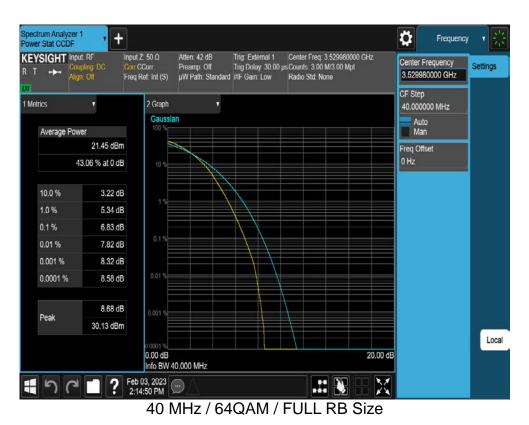
50 MHz / 256QAM / FULL RB Size



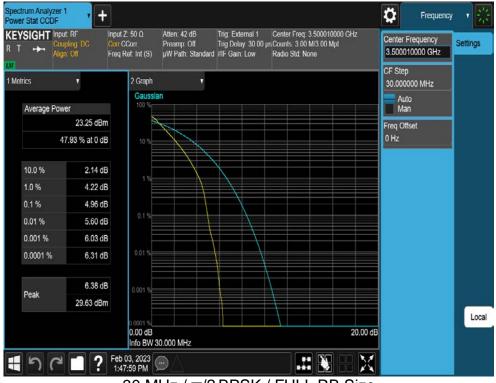
40 MHz / π/2 BPSK / FULL RB Size



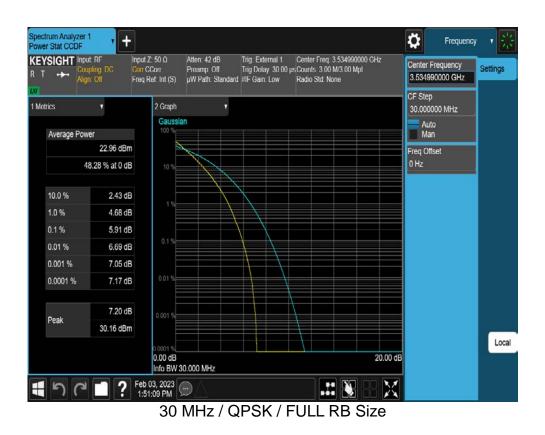




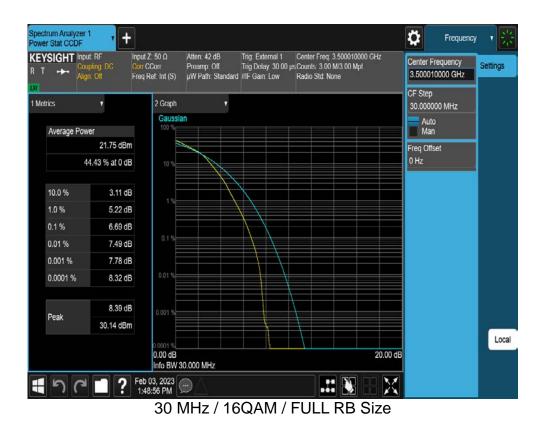


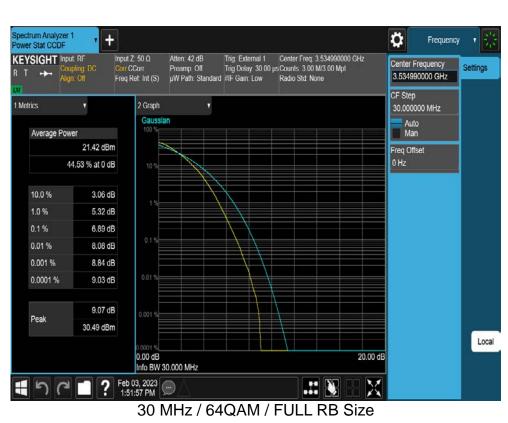


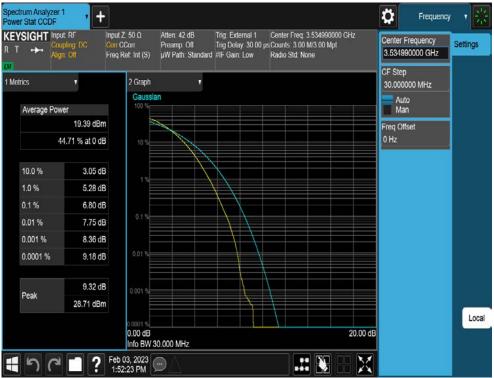
30 MHz / π/2 BPSK / FULL RB Size



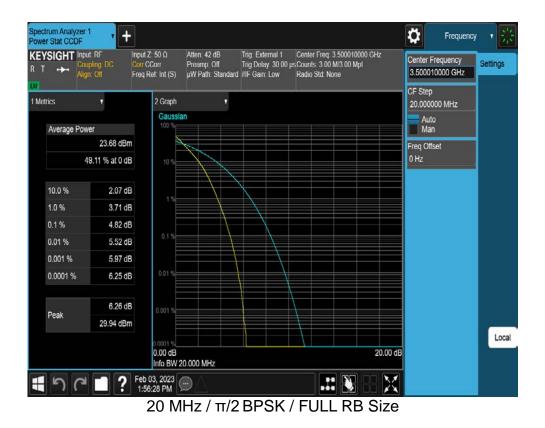
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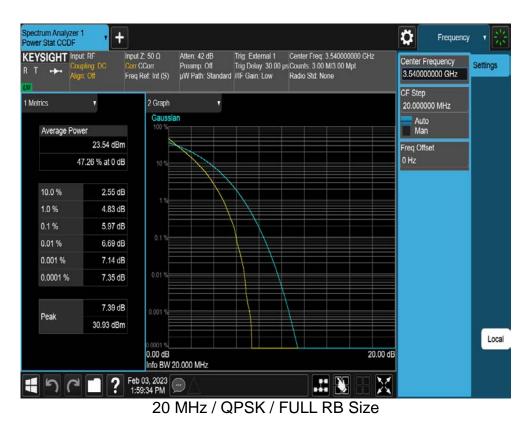


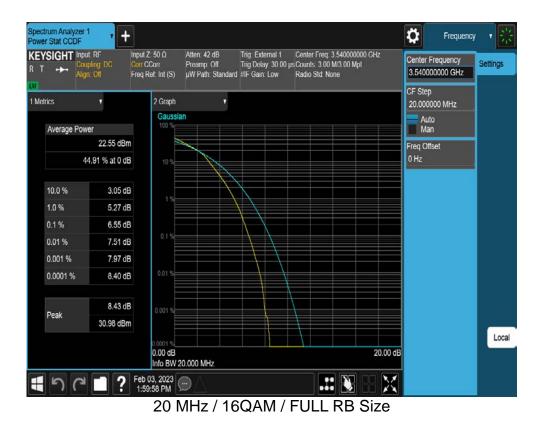


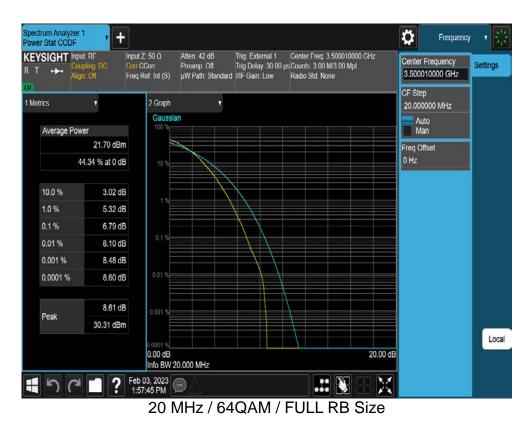


30 MHz / 256QAM / FULL RB Size

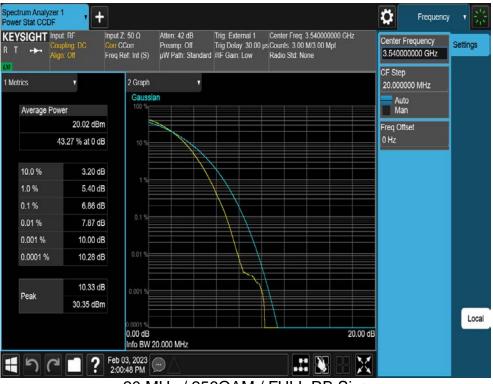






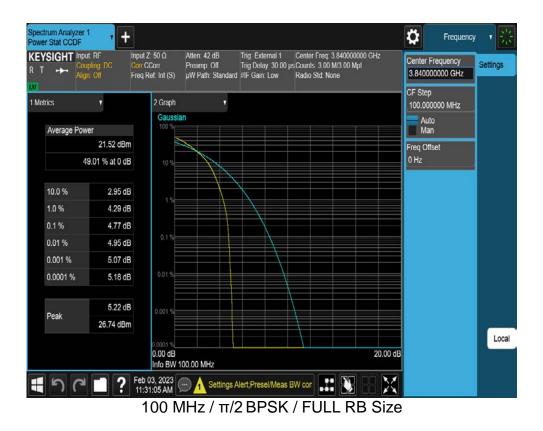


# **Dt&C**





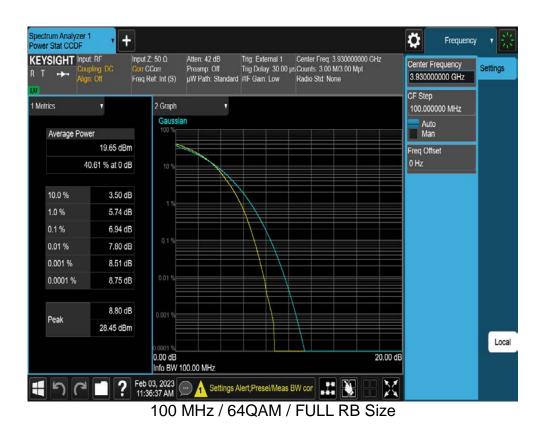
#### 8.2.2. 3 700 ~ 3 980 MHz band





#### 100 MHz / QPSK / FULL RB Size

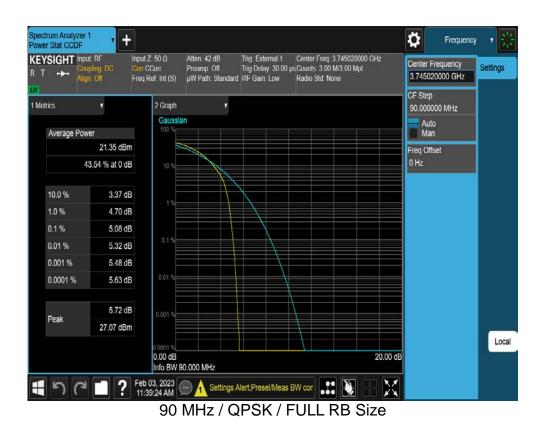


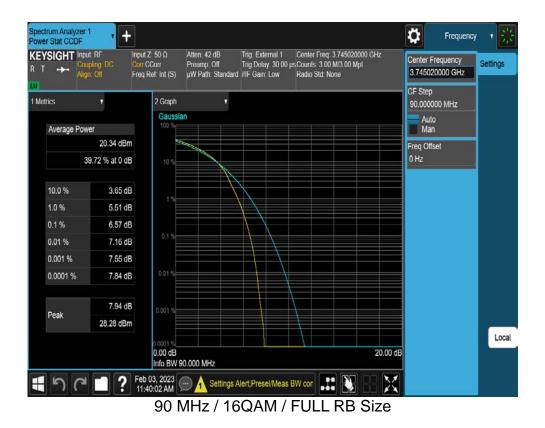


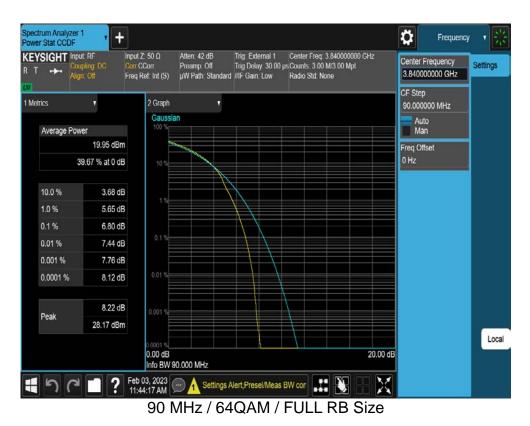


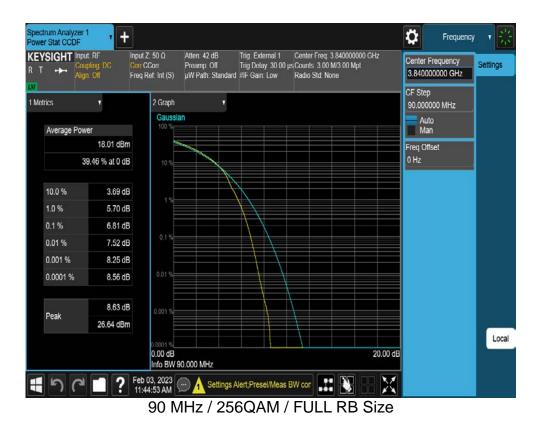


90 MHz / π/2 BPSK / FULL RB Size



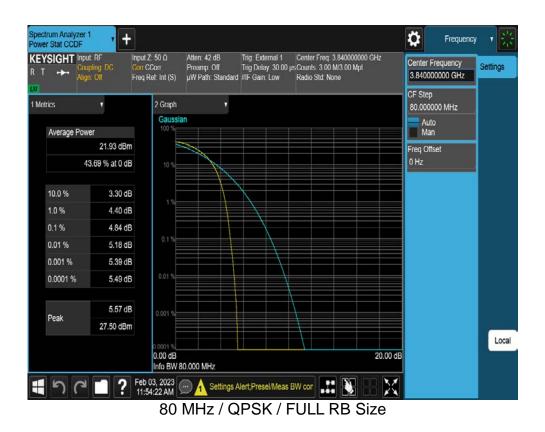




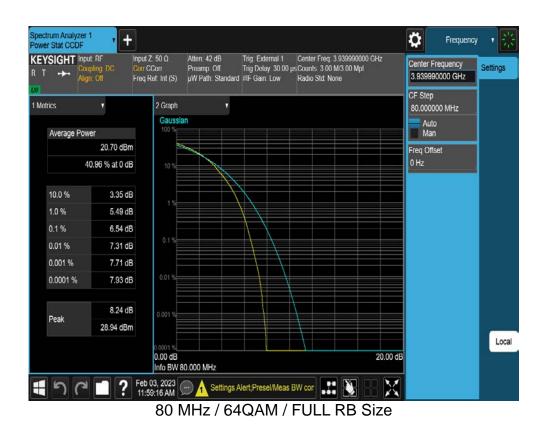




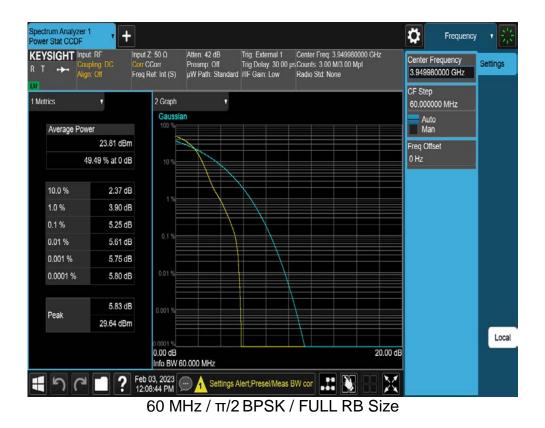
80 MHz / π/2 BPSK / FULL RB Size

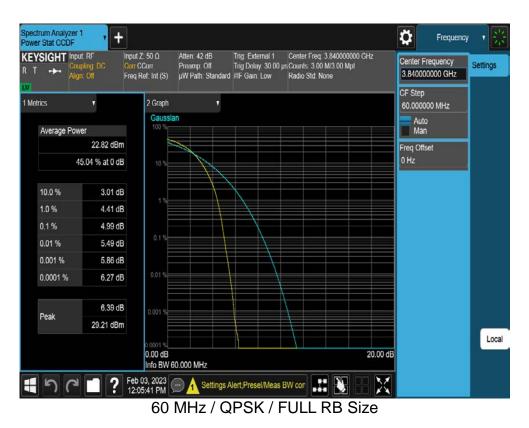


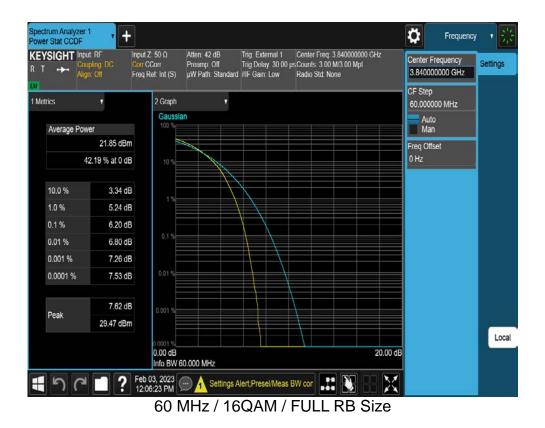


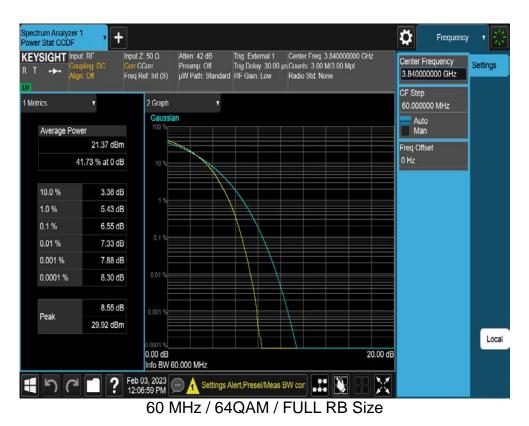






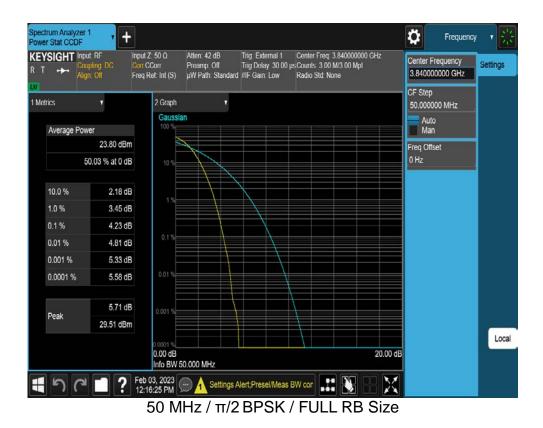






## **Dt&C**

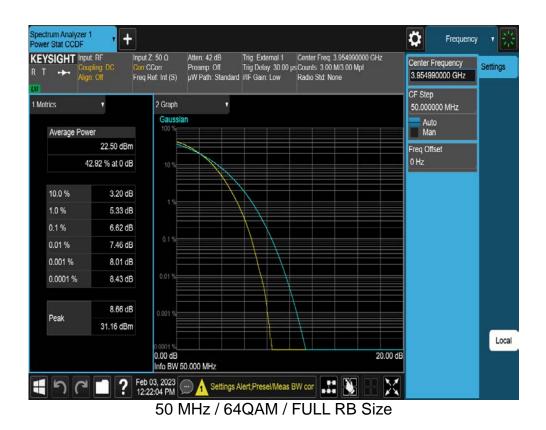




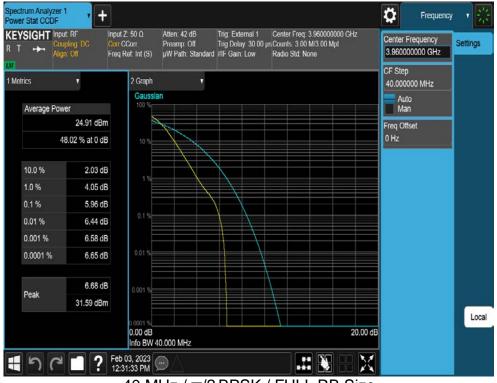


50 MHz / QPSK / FULL RB Size

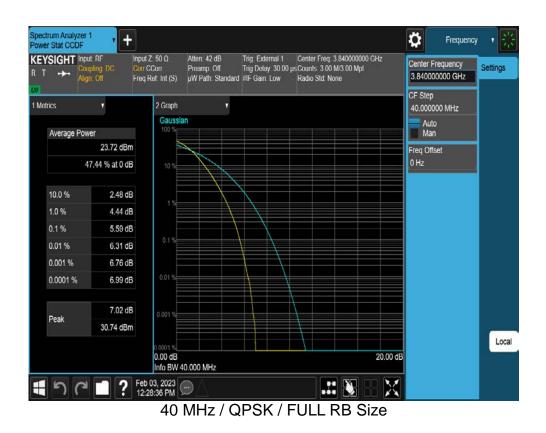


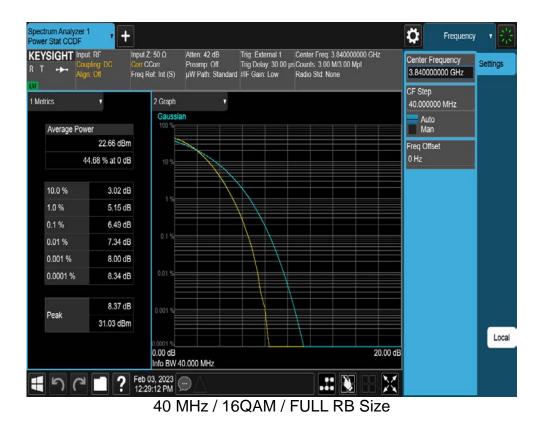


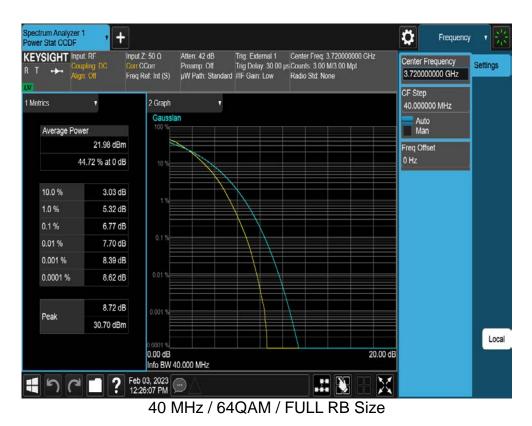




40 MHz / π/2 BPSK / FULL RB Size







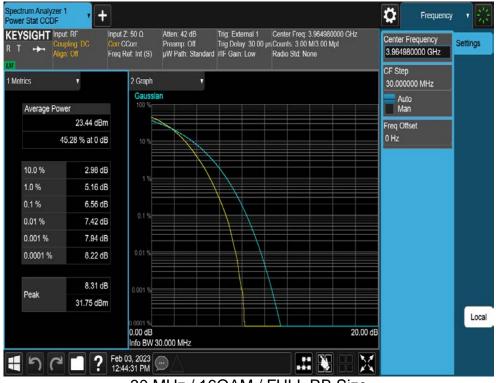


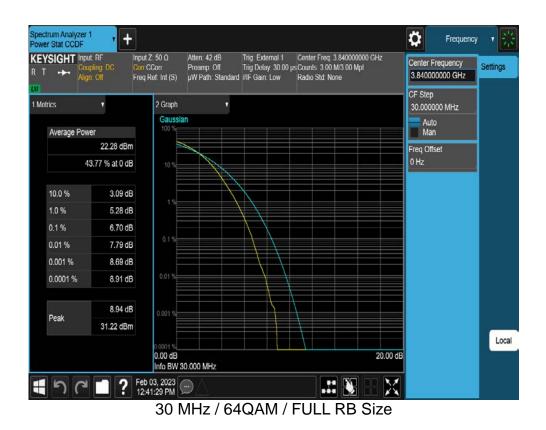


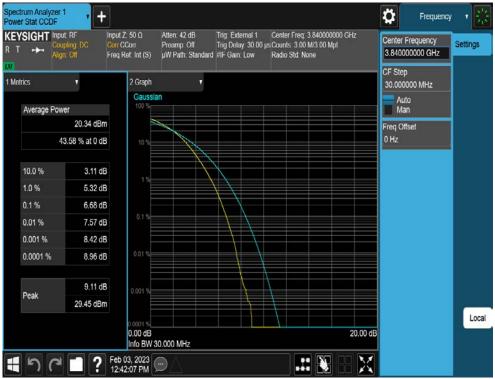
30 MHz / π/2 BPSK / FULL RB Size



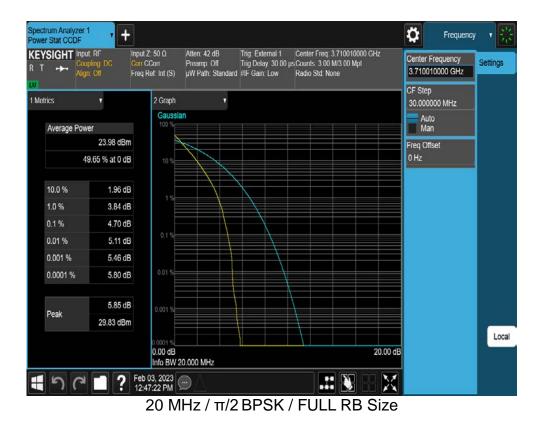
30 MHz / QPSK / FULL RB Size

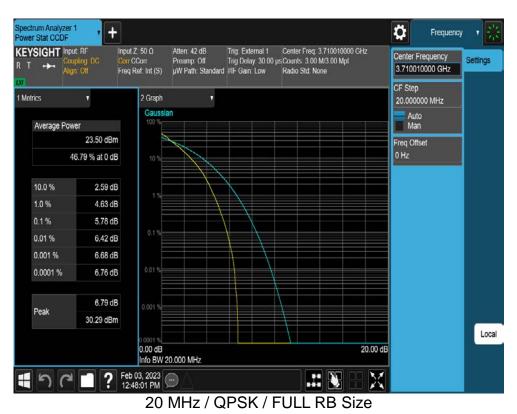




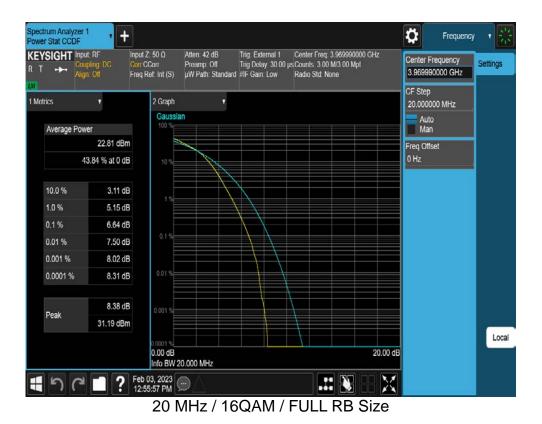


30 MHz / 256QAM / FULL RB Size





## **Dt&C**



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