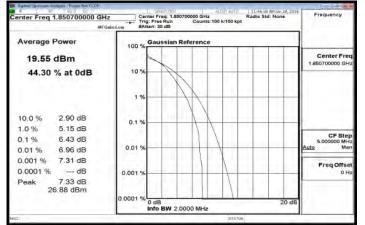
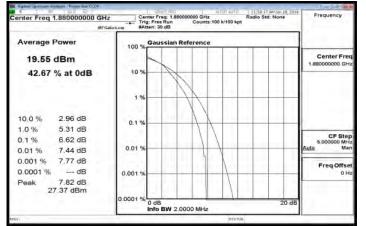


# LTE\_Band2\_1\_4MHz\_16QAM\_6\_0\_LowCH18607-1850.7



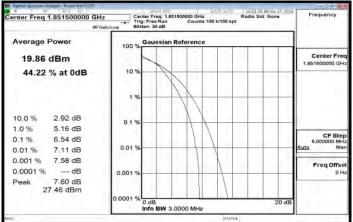
## LTE Band2 1 4MHz 16QAM 6 0 MidCH18900-1880



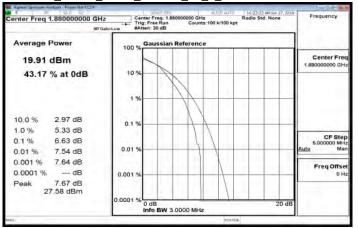
#### LTE Band2 1\_4MHz\_16QAM\_6\_0\_HighCH19193-1909.3

Center Freq	1.909300000 GH	Z Center Fre	rg: 1.909300000 GHz F Run Counts:100 k/100 kpt	11:52:13 Amain 28, 2019 Radio Std: None	Frequency
	ME	laincLow #Atten: 30	dB		
Average I	Power	100 % Gaus	sian Reference		
19.54					Center Freq 1.909300000 GHz
43.23	% at 0dB	10 %			
		1 %			
10.0 %	2.99 dB	0.1 %	XX		
1.0 %	5.08 dB	<b>G</b> . ( <b>M</b>	N N		
0.1 %	6.29 dB				CF Step 5.000000 MH
0.01 %	6.90 dB	0.01 %			Auto Mar
0.001 %	7.13 dB				Freq Offse
0.0001 %	dB	0.001 %			0 H
Peak 2	7.14 dB 6.68 dBm	12201			
		0.0001 % 0 dB	BW 2.0000 MHz	20 dB	
850			STATUS.		

## LTE\_Band2\_3MHz\_16QAM\_15\_0\_LowCH18615-1851.5



## LTE Band2 3MHz 16QAM 15 0 MidCH18900-1880



### LTE\_Band2\_3MHz\_16QAM\_15\_0\_HighCH19185-1908.5

Center Freq 1.908500000 GHz MFGain	Center Freq: 1.96550000 GHz Radio Std: None Trig: Free Run Counts:100 k/100 kpt SAtten: 30 dB	Frequency
Average Power	100 % Gaussian Reference	11
19.93 dBm		Center Freq 1.908500000 GHz
43.44 % at 0dB	10 %	
	1 %	-
10.0 % 2.96 dB	0.1%	
1.0 % 5.26 dB		
0.1 % 6.53 dB		CF Ster 5.000000 MH
0.01 % 7.34 dB	0.01 %	Auto Mar
0.001 % 7.62 dB		FregOffse
0.0001 % dB	0.001 %	DH
Peak 7.65 dB 27.58 dBm		
	0.0001 % 0 dB 20 c	íB

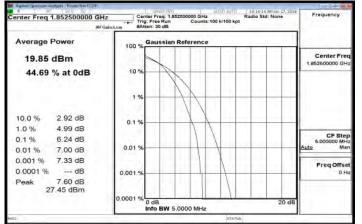
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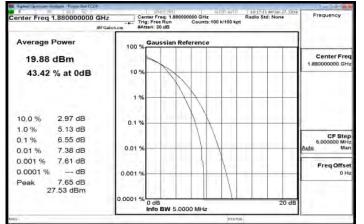
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# LTE\_Band2\_5MHz\_16QAM\_25\_0\_LowCH18625-1852.5



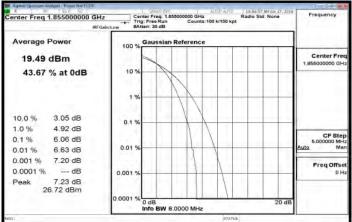
## LTE Band2 5MHz 16QAM 25 0 MidCH18900-1880



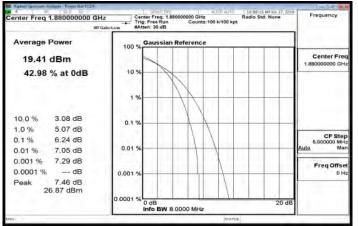
## LTE\_Band2\_5MHz\_16QAM\_25\_0\_HighCH19175-1907.5

Center Freq 1.907500000 GHz	Center Freq. 1.907600000 GHz Rat Trig: Free Run Counts:100 k/100 kpt	0-19-00 AM Jun 27, 2019 dio Std: None Frequency
Average Power	100 % Gaussian Reference	
19.93 dBm		Center Freq 1.907600000 GHz
43.34 % at 0dB 10.0 % 2.98 dB 1.0 % 5.13 dB 0.1 % 6.31 dB	10 % 1 % 0.1 %	CF Step
0.01 % 7.14 dB	0.01 %	Auto Man
0.001 % 7.71 dB 0.0001 % dB Peak 7.73 dB 27.66 dBm	0,001 %	Freq Offset 0 Hz
27.06 dBm	0.0001 % 0 dB Info BW 5.0000 MHz	20 dB

## LTE\_Band2\_10MHz\_16QAM\_50\_0\_LowCH18650-1855



### LTE Band2 10MHz 16QAM 50 0 MidCH18900-1880



# LTE\_Band2\_10MHz\_16QAM\_50\_0\_HighCH19150-1905

Center Freq 1.905000000 GHz MFGain	Center Freq 1.90500000 GHz Radio Std: None 	Frequency
Average Power	100 % Gaussian Reference	
19.43 dBm		Center Fred
42.85 % at 0dB	10 %	
	1 %	-
10.0 % 3.08 dB	0.1 %	
0.1 % 6.30 dB 0.01 % 7.04 dB	0.01 %	CF Ste 5.000000 MH Auto Ma
0.001 % 7.35 dB		FreqOffse
0.0001 % dB Peak 7.36 dB	0.001 %	OH
26.79 dBm	0.0001 % 0 dB 20 dB	

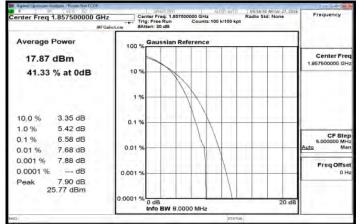
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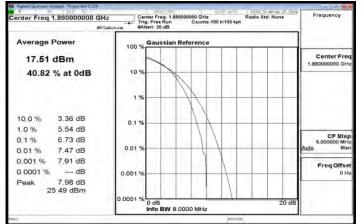
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# LTE\_Band2\_15MHz\_16QAM\_75\_0\_LowCH18675-1857.5



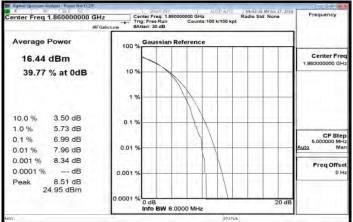
## LTE Band2 15MHz 16QAM 75 0 MidCH18900-1880



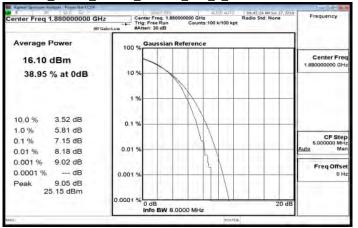
# LTE\_Band2\_15MHz\_16QAM\_75\_0\_HighCH19125-1902.5

Center Freq	1.902500000 GF	Z Center Freq: 1.90200000 GHz Trig: Freq I.90200000 GHz Trig: Freq Run Counts:100 k/100 #Atten: 30 dB	Radio Std: None Frequency
Average	Power	100 % Gaussian Reference	
17.65			Center Freq 1.902600000 GHz
40.96	% at 0dB	10 %	
		1 %	
10.0 %	3.40 dB	0.1 %	
1.0 %	5.52 dB		CF Step
0.1 %	6.84 dB 7.42 dB	0.01 %	5.000000 MHz Auto Man
0.001 %	7.97 dB	1 1 1 1 1	FreqOffset
0.0001 %	dB	0.001 %	0 Hz
Peak 2	8.17 dB 5.82 dBm		
		0.0001 % 0 dB Info BW 8.0000 MHz	20 dB
kesja i		-	TATUS

### LTE\_Band2\_20MHz\_16QAM\_100\_0\_LowCH18700-1860



#### LTE Band2 20MHz 16QAM 100 0 MidCH18900-1880



### LTE\_Band2\_20MHz\_16QAM\_100\_0\_HighCH19100-1900

Center Freq 1.900000000 GH	Center Free 1.90000000 GHz Cinter Free 1.90000000 GHz Trig: Free Run SAtten: 30 dB	Buildens AM Jun 27, 2019 Radio Std: None Frequency
Average Power	100 % Gaussian Reference	
16.34 dBm		Center Freq 1.90000000 GHz
39.34 % at 0dB	10 %	
	1 %	
10.0 % 3.49 dB	0.1 %	
0.1 % 7.13 dB	0.01 %	CF Ster 5.000000 MH Auto Ma
0.01 % 8.11 dB 0.001 % 8.93 dB	0.01 %	FreqOffse
0.0001 % dB Peak 8.98 dB	0.001 %	OH
25.32 dBm	0.0001 % 0 dB	20 dB
	Info BW 8.0000 MHz	

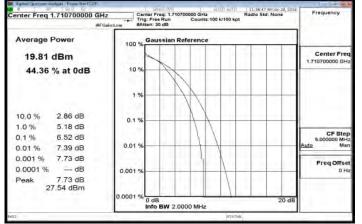
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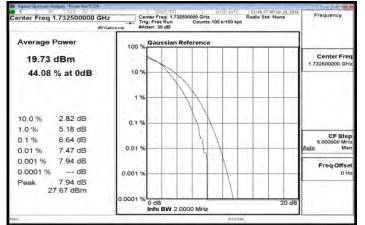
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# LTE\_Band4\_1\_4MHz\_16QAM\_6\_0\_LowCH19957-1710.7



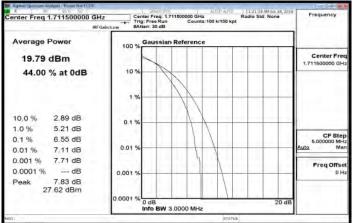
# LTE Band4 1 4MHz 16QAM 6 0 MidCH20175-1732.5



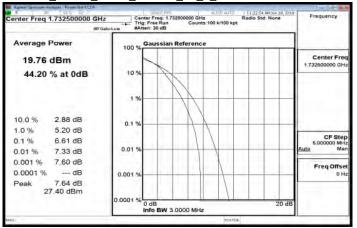
# LTE\_Band4\_1\_4MHz\_16QAM\_6\_0\_HighCH20393-1754.3

Center Freq *	1.754300000 GH	Z Center Freq. 1.754300 Trig: Free Run #Atten: 30 dB	ALIGITAUTO 1144 000 GHz Radio Counts:100 k/100 kpt	2.19 Amun 28, 2019 Std: None	Frequency
Average I	Power	100 % Gaussian Ref	erence		
19.83					Center Freq 1.754300000 GHz
43.70	% at 0dB	10%			
10.0.0	2.89 dB	,			
10.0 % 1.0 %	5.24 dB	0.1 %			
0.1 %	6.64 dB				CF Step 5.000000 MH
0.01 %	7.40 dB	0.01 %			Auto Mar
0.001 %	7.84 dB				Freq Offse
0.0001 %	dB	0.001 %			0 Hz
Peak 2	7.91 dB 7.74 dBm	12211011			
		0.0001 % 0 dB Info BW 2.000	io MHz	20 dB	
(esia)			STATUS-		

### LTE\_Band4\_3MHz\_16QAM\_15\_0\_LowCH19965-1711.5



#### LTE Band4 3MHz 16QAM 15 0 MidCH20175-1732.5



#### LTE \_Band4\_3MHz\_16QAM\_15\_0\_HighCH20385-1753.5

Center Freq 1.753500000 GHz MFGain	Center Freq. 1.75300000 GHz Radio Std. None This Freq. 1.75300000 GHz Radio Std. None Fig. Freq. None SALION ANTO 11125 09 AMINO 28, 2013 Radio Std. None SALION ANTO 11125 09 AMINO 28, 2013 Radio Std. None	Frequency
Average Power	100 % Gaussian Reference	
19.89 dBm		Center Freq 1.753600000 GHz
43.80 % at 0dB	10 %	
	1 %	
10.0 % 2.93 dB	0.1 %	
0.1 % 6.76 dB	0.01 %	CF Step 5.000000 MH; Auto Mar
0.01 % 7.63 dB 0.001 % 7.94 dB	0.01%	FregOffset
0.0001 % dB Peak 7.95 dB	0.001 %	0 Hz
27.84 dBm	0.0001 % 0 dB 20 dB	

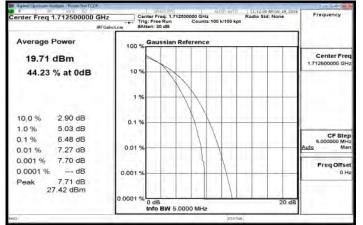
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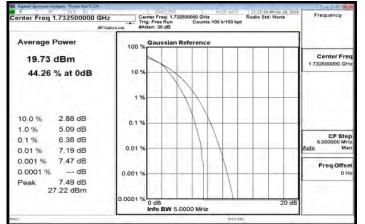
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# LTE\_Band4\_5MHz\_16QAM\_25\_0\_LowCH19975-1712.5



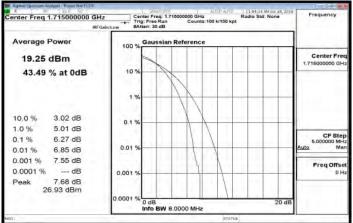
## LTE Band4 5MHz 16QAM 25 0 MidCH20175-1732.5



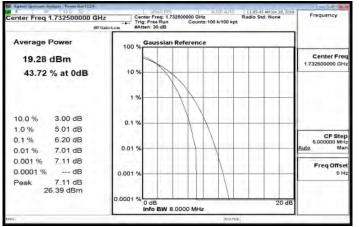
# LTE\_Band4\_5MHz\_16QAM\_25\_0\_HighCH20375-1752.5

Center Freq 1.752500000 GHz	Trig: Free Run Counts:100 k/100 kpt	td: None Frequency
Average Power	Complex Partners	and the second second
19.93 dBm	100 %	Center Freq 1.752600000 GHz
44.01 % at 0dB 10.0 % 2.92 dB 1.0 % 5.06 dB 0.1 % 6.53 dB	10 % 1 % 0.1 %	CF Step 5.00000 MHz Auto
0.01 % 7.25 dB 0.001 % 7.47 dB	0.01 %	
0.0001 % dB Peak 7.51 dB 27.44 dBm	0.001 %	Freq Offset 0 Ha
L. H GOIT	0.0001 % 0 dB Info BW 5.0000 MHz	20 dB

## LTE\_Band4\_10MHz\_16QAM\_50\_0\_LowCH20000-1715



#### LTE Band4 10MHz 16QAM 50 0 MidCH20175-1732.5



#### LTE\_Band4\_10MHz\_16QAM\_50\_0\_HighCH20350-1750

enter Freq 1.750000000 GH	Z Center Freq. 1.75000000 GHz Radio Std: None Trig: Freq Run Counts:100 k/100 kpt Jaincluw SAtten: 30 dB	Frequency
Average Power	100 % Gaussian Reference	
19.50 dBm		Center Free 1.75000000 GH
43.29 % at 0dB	10 %	
10,0 % 3.05 dB 1.0 % 5.04 dB 0.1 % 6.27 dB	0.1 %	CF Step 5.00000 MH
0.01 % 7.06 dB	0.01 %	Auto Mar
0.001 % 7.30 dB 0.0001 % dB	0,001 %	Freq Offse
Peak 7.32 dB 26.82 dBm		
	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	
65	STATUS	

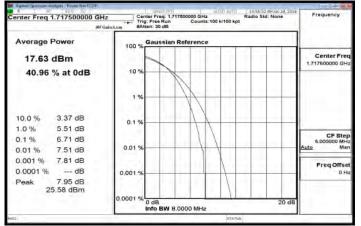
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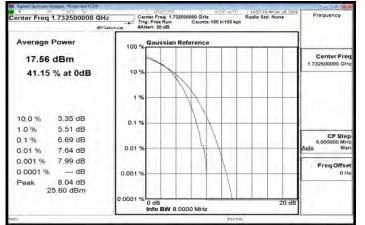
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# LTE\_Band4\_15MHz\_16QAM\_75\_0\_LowCH20025-1717.5



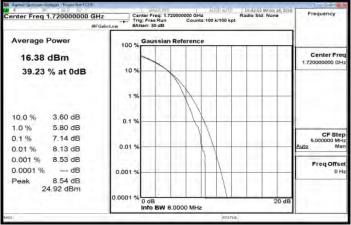
# LTE Band4 15MHz 16QAM 75 0 MidCH20175-1732.5



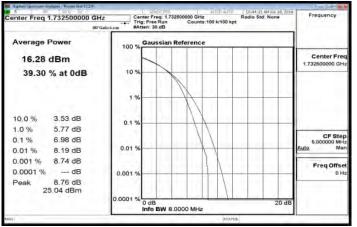
# LTE\_Band4\_15MHz\_16QAM\_75\_0\_HighCH20325-1747.5

against (Berrinser a)	INVERT BUILDER DEDF	DTLA NOLA	11 01 15 AV ain 28, 2019
Center Freq	1.747500000 GH	Z Center Freq 1.747600000 GHz R Trig: Free Run Counts:100 k/100 kpt skitcl.cw SAtten: 30 dB	adio Std: None Frequency
Average I	Power	100 % Gaussian Reference	
17.74		10 %	Center Freq 1.747500000 GHz
41.01	% at 0dB	1 %	
10.0 %	3.37 dB	0.1 %	
1.0 %	5.50 dB		CF Step
0.1 %	6.70 dB		5.000000 MH
0.01 %	7.46 dB	0.01 %	Auto Mar
0.001 %	7.88 dB		FreqOffse
0.0001 %	dB	0.001 %	0 Ha
Peak 2	7.95 dB 5.69 dBm		
		0.0001 % 0 dB Info BW 8.0000 MHz	20 dB
etes i		STATUS	

# LTE\_Band4\_20MHz\_16QAM\_100\_0\_LowCH20050-1720



## LTE Band4 20MHz 16QAM 100 0 MidCH20175-1732.5



## LTE\_Band4\_20MHz\_16QAM\_100\_0\_HighCH20300-1745

enter Freq 1.745000000 GH	tz Center Freq. 1.74500000 GHz Radio Std: None Trig: Freq Nun Counts:100 k/100 kpt Balins.ow SAtten: 30 dB	Frequency
Average Power	100 % Gaussian Reference	
16.38 dBm		Center Free 1.745000000 GH
39.67 % at 0dB	10 %	
	1 %	
10.0 % 3.55 dB	0.1 %	
1.0 % 5.76 dB		CF Ster
0.1 % 7.05 dB		5.000000 MH
0.01 % 8.09 dB	0.01 %	Auto Mar
0.001 % 8.57 dB		Freq Offse
0.0001 % dB	0.001 %	0 Ha
Peak 8.62 dB 25.00 dBm		
	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	
(G)	STATUS	

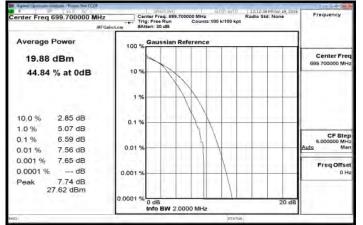
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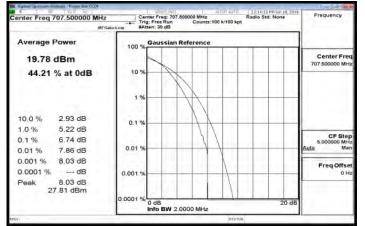
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# LTE\_Band12\_1\_4MHz\_16QAM\_6\_0\_LowCH23017-699.7



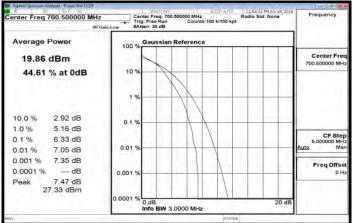
## LTE Band12 1 4MHz 16QAM 6 0 MidCH23095-707.5



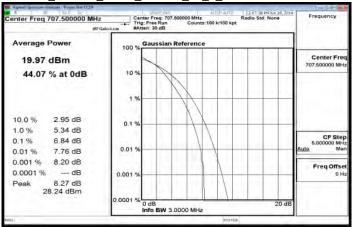
# LTE\_Band12\_1\_4MHz\_16QAM\_6\_0\_HighCH23173-715.3

Center Freq	715.300000 MH	Center Freq. 715.3 Trig: Free Run #Atten: 30 dB		i56 PMJun 28, 2019 Std: None	Frequency
Average Power		100 % Gaussian R	100 % Gaussian Reference		
19.83					Center Freq 715.300000 MHz
42.85	% at 0dB	10%			
and the second		1 %	X		
10.0 %	2.94 dB	0.1%			
1.0 %	5.47 dB	0.1 %		_	
0.1 %	6.96 dB				CF Step 5.000000 MHz
0.01 %	7.78 dB	0.01 %	1 1 1	Aut	o Man
0.001 %	8.43 dB				Freq Offset
0.0001 %	dB	0.001 %			OHz
	8.49 dB 8.32 dBm	121			
		0.0001 % 0 dB Info BW 2.0	000 MHz	20 dB	
Aesja			STATUS		

## LTE\_Band12\_3MHz\_16QAM\_15\_0\_LowCH23025-700.5



## LTE Band12 3MHz 16QAM 15 0 MidCH23095-707.5



#### LTE \_Band12\_3MHz\_16QAM\_15\_0\_HighCH23165-714.5

Center Freq 714.500000 MHz MFGain	Center Freq. 714.500000 MHz Radio Std: None +	Frequency
Average Power	100 % Gaussian Reference	
19.94 dBm		Center Freq 714.500000 MHz
44.22 % at 0dB	10%	
10.0 % 2.92 dB 1.0 % 5.25 dB	0.1%	
0.1 % 6.56 dB 0.01 % 7.45 dB	0.01 %	CF Step 5.000000 MH Auto Mar
0.001 % 7.66 dB 0.0001 % dB	0.001 %	Freq Offse
Peak 7.69 dB 27.63 dBm		
	0.0001 % 0 dB 20 dB	

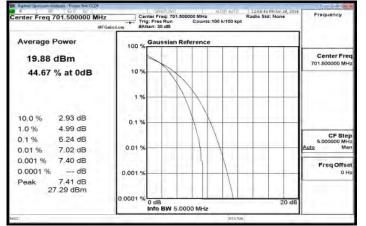
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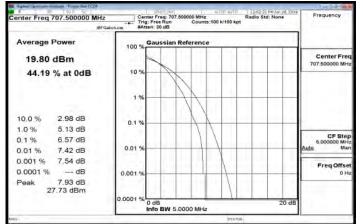
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# LTE\_Band12\_5MHz\_16QAM\_25\_0\_LowCH23035-701.5



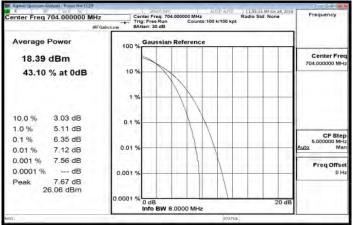
# LTE Band12 5MHz 16QAM 25 0 MidCH23095-707.5



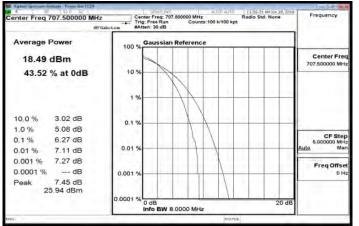
## LTE\_Band12\_5MHz\_16QAM\_25\_0\_HighCH23155-713.5

aginut (gentreum Analyzet Provide Set CODF	SENSE 11/1 ALTO 12:04:15 PM bin 28, 2019	10 4 63
Center Freq 713.500000 MHz MFGa	Center Freq: 713.500000 MHz Radio Std: None Trig: Free Rn Counts:100 k/100 kpt #Atten: 30 dB	Frequency
Average Power	100 % Gaussian Reference	
19.86 dBm	10 %	Center Freq 713.500000 MHz
<b>44.14 % at 0dB</b> 10.0 % 2.95 dB 1.0 % 4.97 dB 0.1 % 6.04 dB 0.01 % 6.56 dB	1 % 1 % 0.1 % 0.01 %	CF Step 5.00000 MHz Auto Man
0.001 % 7.14 dB 0.0001 % dB	0.001 %	Freq Offse 0 Hz
Peak 7.16 dB 27.02 dBm	0.0001 % 0 dB 20 dB info BW 5.0000 MHz 20 dB	

### LTE\_Band12\_10MHz\_16QAM\_50\_0\_LowCH23060-704



### LTE Band12 10MHz 16QAM 50 0 MidCH23095-707.5



### LTE\_Band12\_10MHz\_16QAM\_50\_0\_HighCH23130-711

Center Freq 711.000000 MHz	Genter Freq: 711.000000 MHz Genter Freq: 710.000000 MHz Tric: Free Run Counts: 100 k/100 kpt #Atten: 30 dB	Frequency
Average Power	100 % Gaussian Reference	11.00
19.72 dBm		Center Freq 711.000000 MHz
43.52 % at 0dB	10 %	
	1 %	-
10.0 % 3.10 dB	0.1 %	_
1.0 % 4.92 dB 0.1 % 5.98 dB		CF Step
0.01 % 6.68 dB	0.01 %	Auto Mar
0.001 % 6.86 dB		Freg Offse
0.0001 % dB	0.001 %	0 Ha
Peak 6.91 dB 26.63 dBm		
	0.0001 % 0 dB 20 c	IB

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~ End of Report ~

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