

Appendix A: Peak to Average Ratio

Test Result

Band 2						
Channel Bandwidth	Mode	Channel	RB Configure		Result (dB)	Limit (dB)
			RB Size	RB Offset		
20MHz	QPSK	Low range	1	0	2.40	13
		Mid range	1	0	2.33	
		High range	1	0	2.29	
		Low range	100	0	6.47	
		Mid range	100	0	6.47	
		High range	100	0	6.45	
	16QAM	Low range	1	0	2.40	
		Mid range	1	0	2.37	
		High range	1	0	2.29	
		Low range	100	0	6.47	
		Mid range	100	0	6.46	
		High range	100	0	6.44	

Band 4						
Channel Bandwidth	Mode	Channel	RB Configure		Result (dB)	Limit (dB)
			RB Size	RB Offset		
20MHz	QPSK	Low range	1	0	1.88	13
		Mid range	1	0	1.82	
		High range	1	0	1.83	
		Low range	100	0	6.48	
		Mid range	100	0	6.47	
		High range	100	0	6.45	
	16QAM	Low range	1	0	1.88	
		Mid range	1	0	1.92	
		High range	1	0	1.83	
		Low range	100	0	6.48	
		Mid range	100	0	6.47	
		High range	100	0	6.45	

Band 5						
Channel Bandwidth	Mode	Channel	RB Configure		Result (dB)	Limit (dB)
			RB Size	RB Offset		
10MHz	QPSK	Low range	1	0	4.49	13
		Mid range	1	0	4.12	
		High range	1	0	4.38	
		Low range	50	0	4.56	
		Mid range	50	0	4.63	
		High range	50	0	4.63	
	16QAM	Low range	1	0	4.48	
		Mid range	1	0	4.13	
		High range	1	0	4.38	
		Low range	50	0	4.56	
		Mid range	50	0	4.63	
		High range	50	0	4.60	

Band 7						
Channel Bandwidth	Mode	Channel	RB Configure		Result (dB)	Limit (dB)
			RB Size	RB Offset		
20MHz	QPSK	Low range	1	0	2.15	13
		Mid range	1	0	3.42	
		High range	1	0	3.02	
		Low range	100	0	6.49	
		Mid range	100	0	6.46	
		High range	100	0	6.51	
	16QAM	Low range	1	0	2.21	
		Mid range	1	0	3.40	
		High range	1	0	3.01	
		Low range	100	0	6.48	
		Mid range	100	0	6.46	
		High range	100	0	6.52	

Band 17						
Channel Bandwidth	Mode	Channel	RB Configure		Result (dB)	Limit (dB)
			RB Size	RB Offset		
10MHz	QPSK	Low range	1	0	4.69	13
		Mid range	1	0	4.80	
		High range	1	0	4.86	
		Low range	50	0	4.70	
		Mid range	50	0	4.64	
		High range	50	0	4.63	
	16QAM	Low range	1	0	4.69	
		Mid range	1	0	4.81	
		High range	1	0	4.85	
		Low range	50	0	4.70	
		Mid range	50	0	4.64	
		High range	50	0	4.63	

Test Mode: LTE Band 2

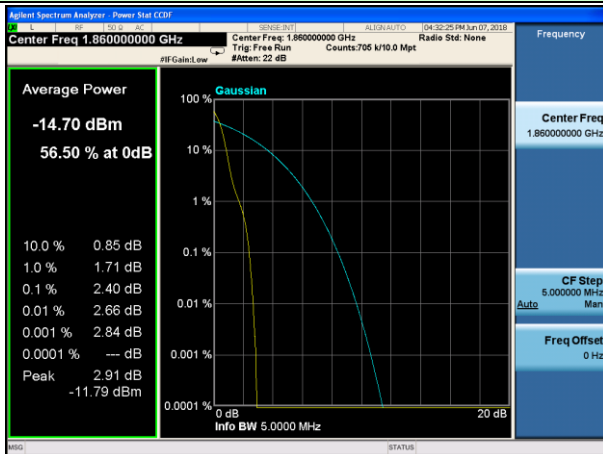
Modulation: QPSK

Channel Bandwidth: 20MHz / 1RB

Test Mode: LTE Band 2

Modulation: QPSK

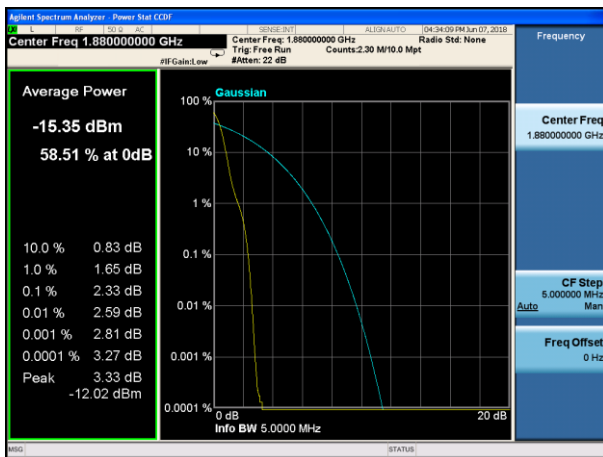
Channel Bandwidth: 20MHz / 100RB



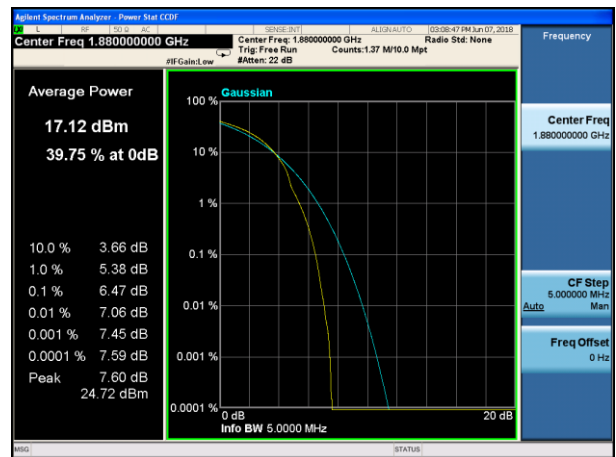
Lowest channel



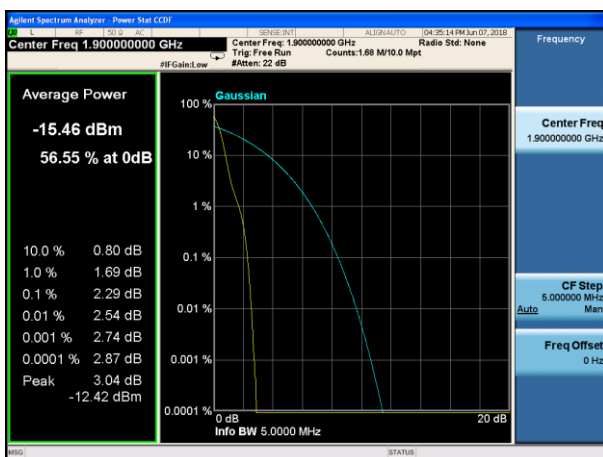
Lowest channel



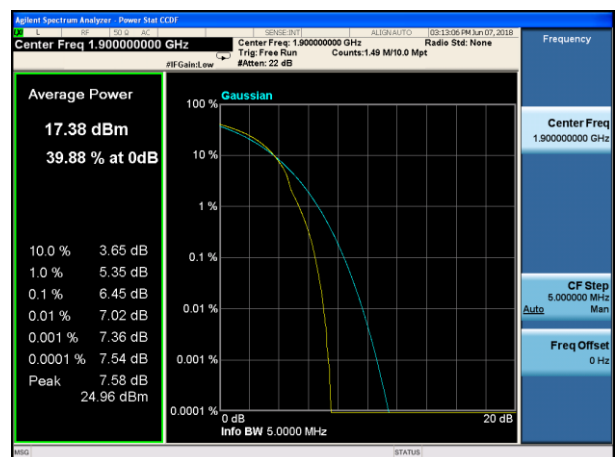
Middle channel



Middle channel



Highest channel



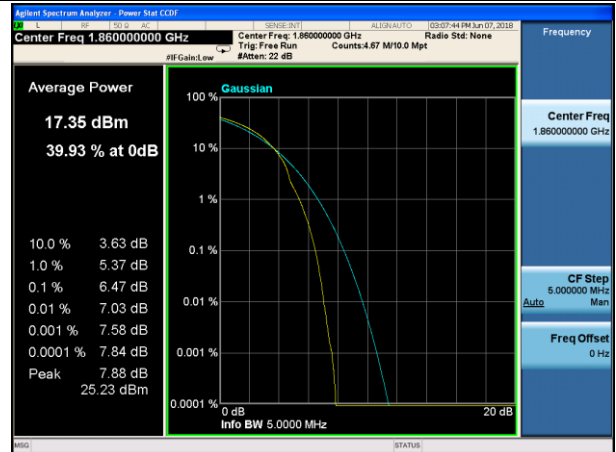
Highest channel

Test Mode: LTE Band 2
 Modulation: 16QAM
 Channel Bandwidth: 20MHz / 1RB

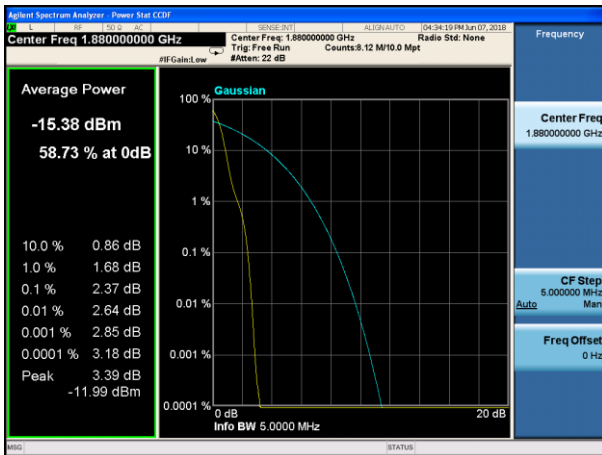
Test Mode: LTE Band 2
 Modulation: 16QAM
 Channel Bandwidth: 20MHz / 100RB



Lowest channel



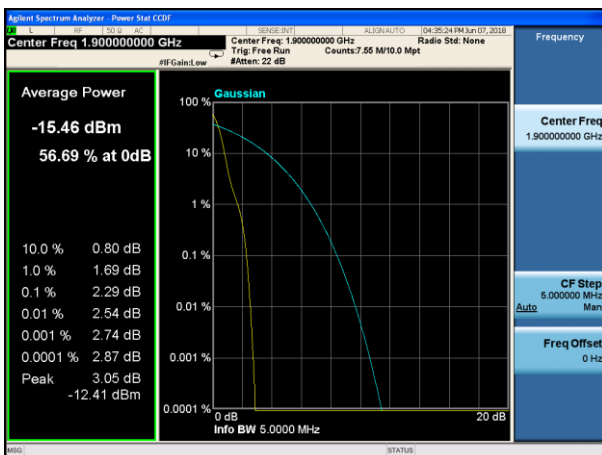
Lowest channel



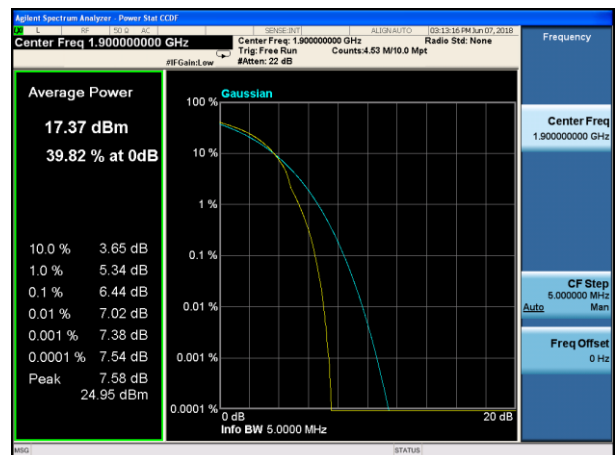
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 4

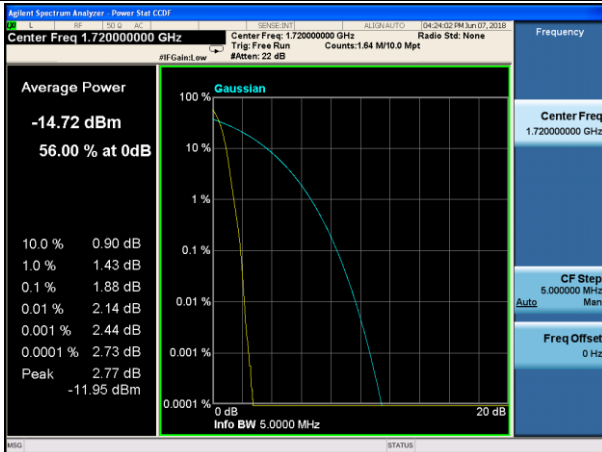
Modulation: QPSK

Channel Bandwidth: 20MHz / 1RB

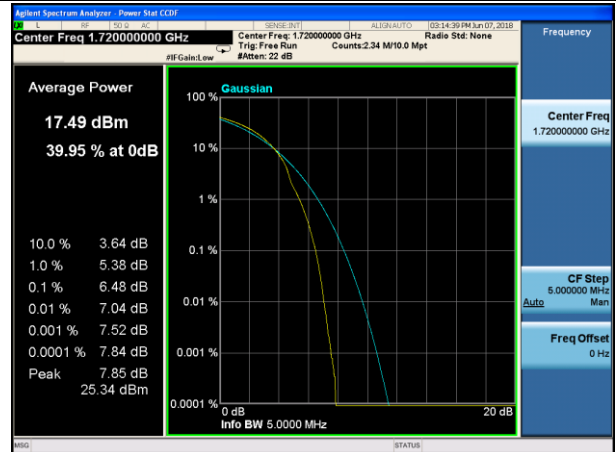
Test Mode: LTE Band 4

Modulation: QPSK

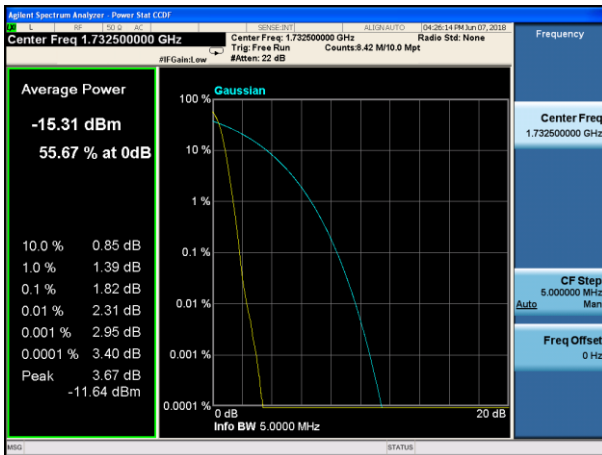
Channel Bandwidth: 20MHz / 100RB



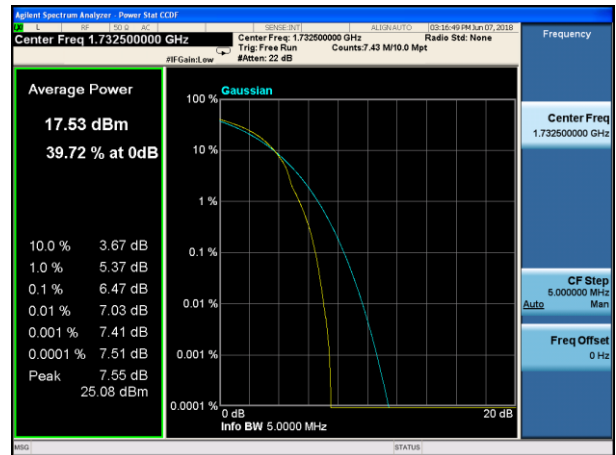
Lowest channel



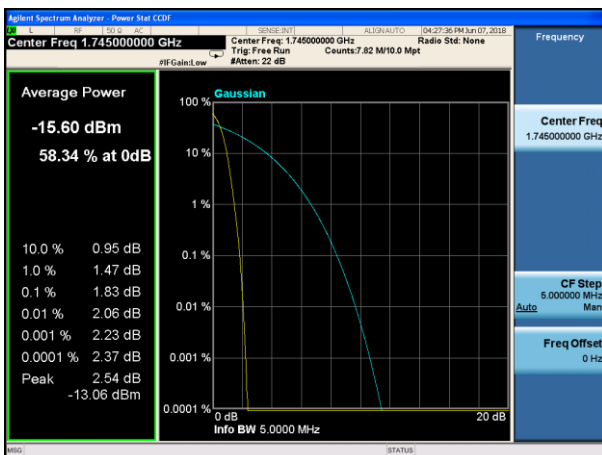
Lowest channel



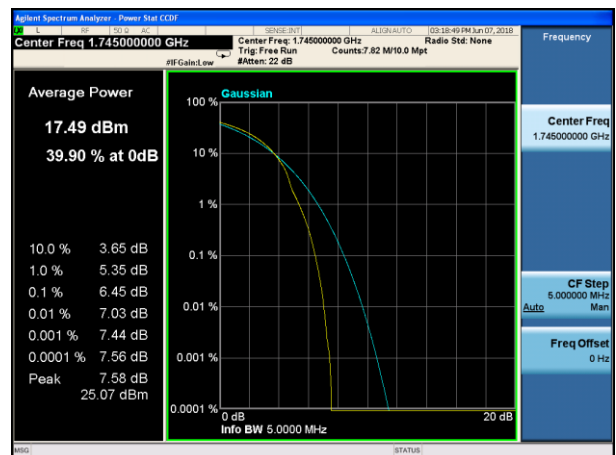
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 4

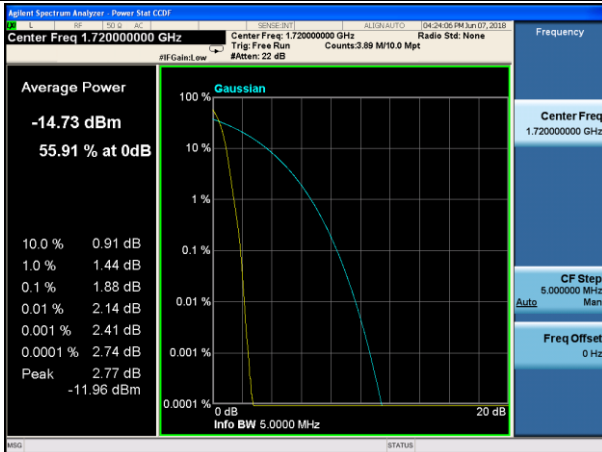
Modulation: 16QAM

Channel Bandwidth: 20MHz / 1RB

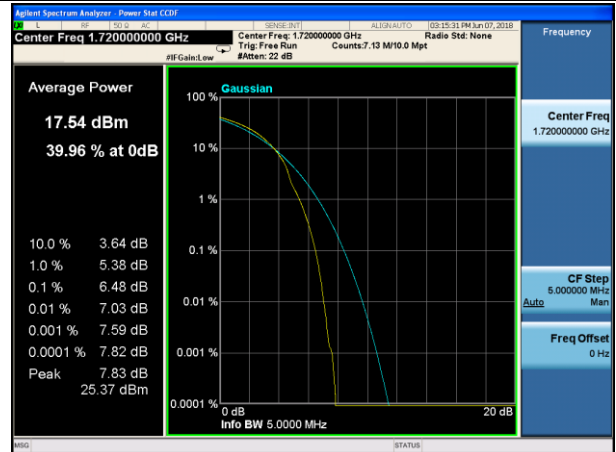
Test Mode: LTE Band 4

Modulation: 16QAM

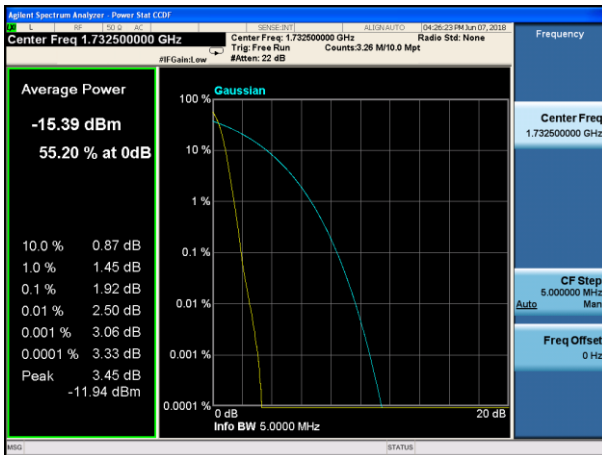
Channel Bandwidth: 20MHz / 100RB



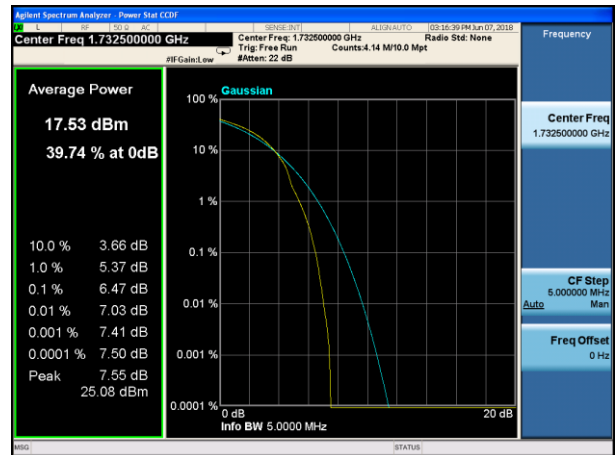
Lowest channel



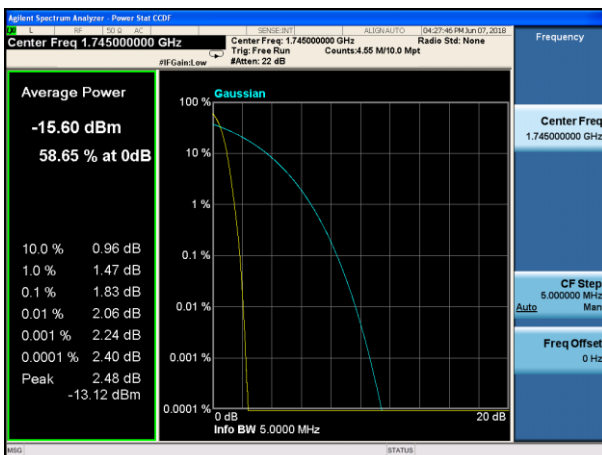
Lowest channel



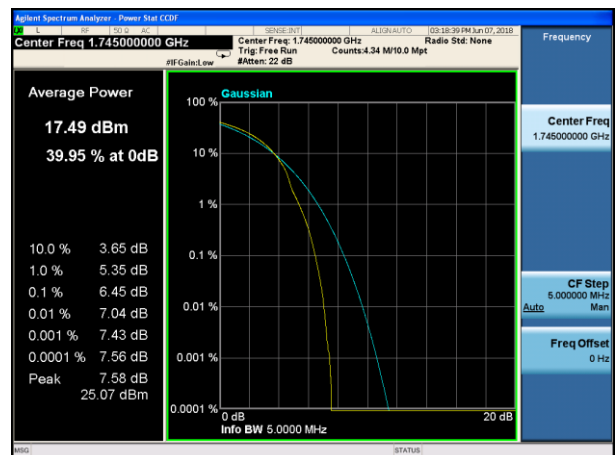
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 5

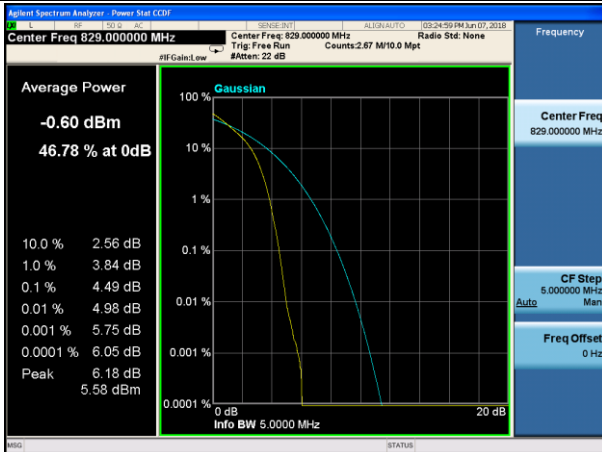
Modulation: QPSK

Channel Bandwidth: 10MHz / 1RB

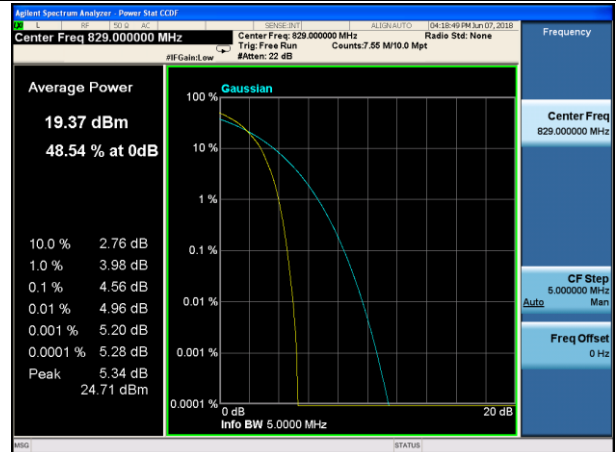
Test Mode: LTE Band 5

Modulation: QPSK

Channel Bandwidth: 10MHz / 50RB



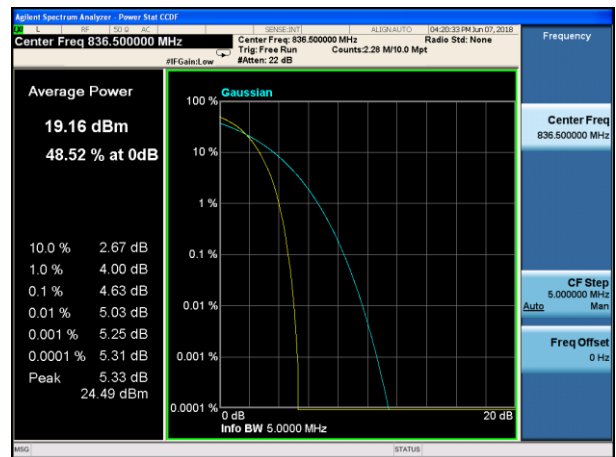
Lowest channel



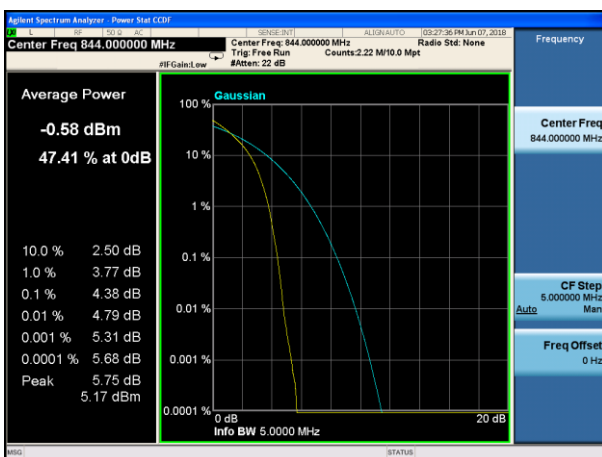
Lowest channel



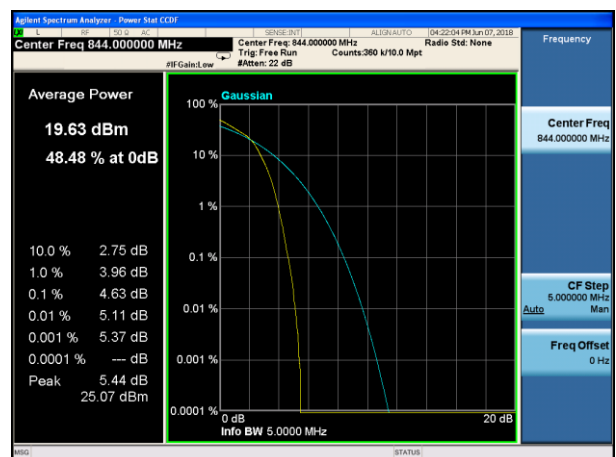
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 5

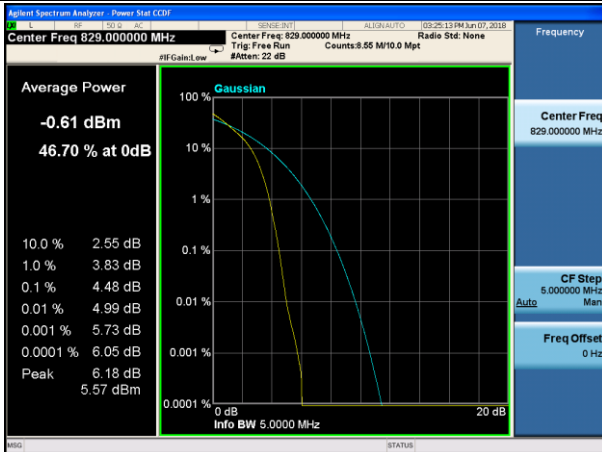
Modulation: 16QAM

Channel Bandwidth: 10MHz / 1RB

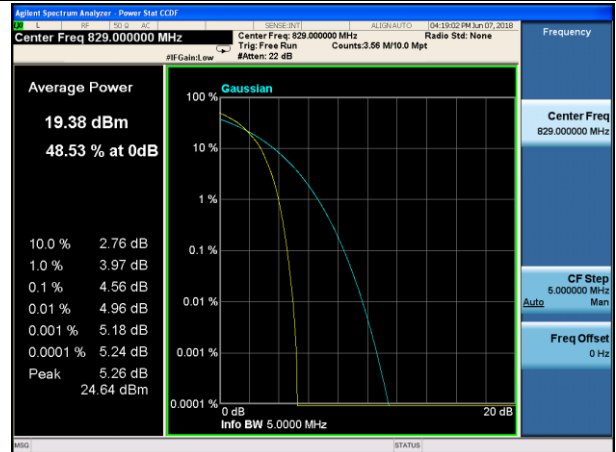
Test Mode: LTE Band 5

Modulation: 16QAM

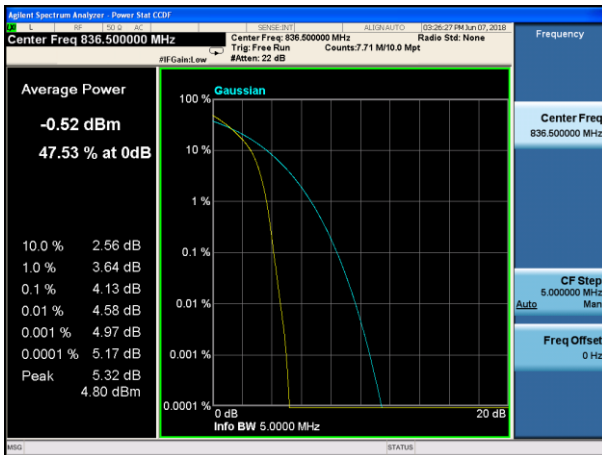
Channel Bandwidth: 10MHz / 50RB



Lowest channel



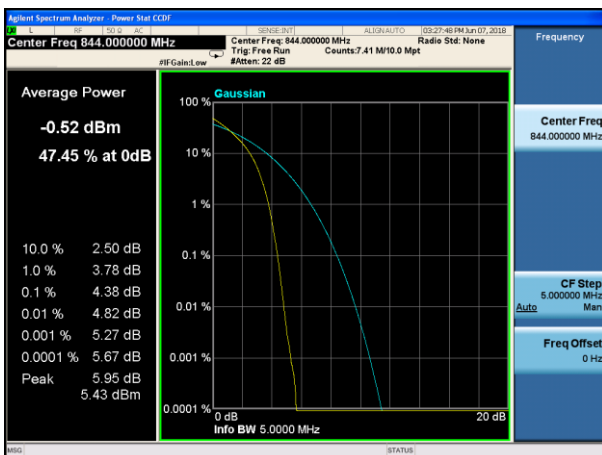
Lowest channel



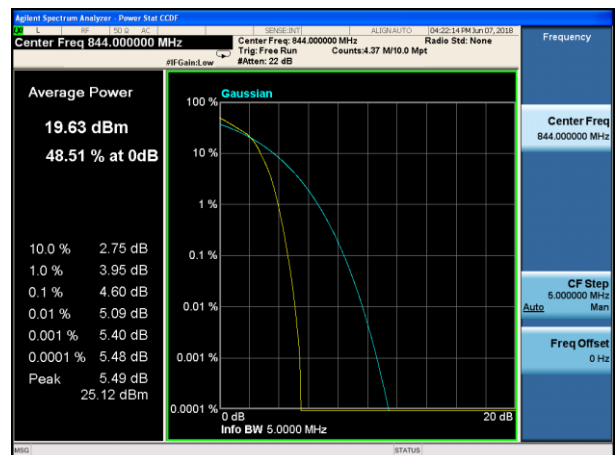
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 7

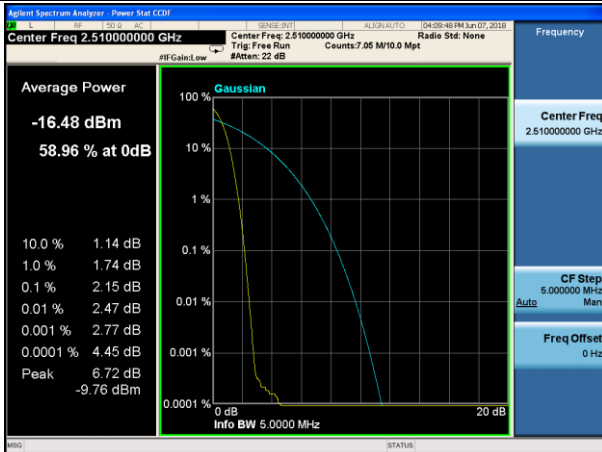
Modulation: QPSK

Channel Bandwidth: 20MHz / 1RB

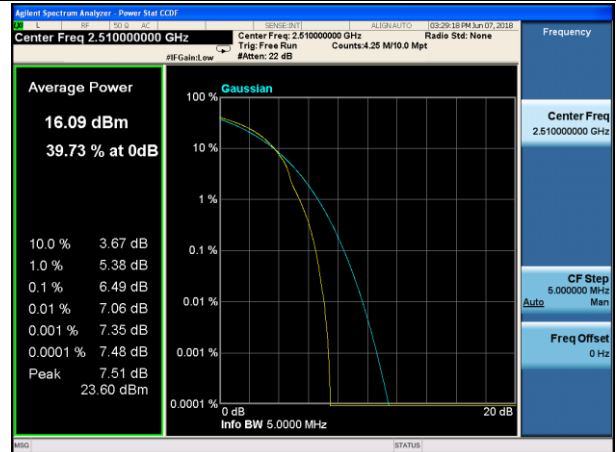
Test Mode: LTE Band 7

Modulation: QPSK

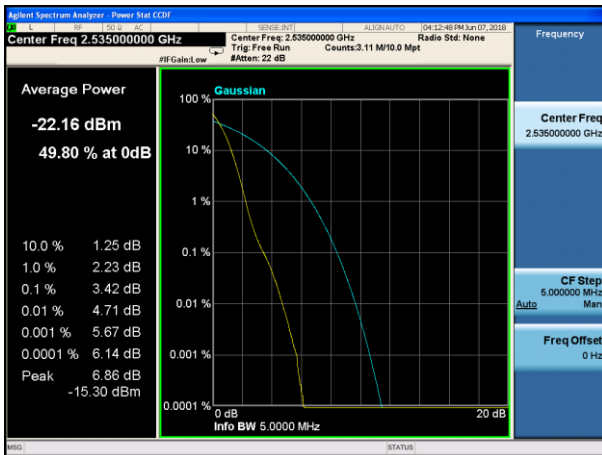
Channel Bandwidth: 20MHz / 100RB



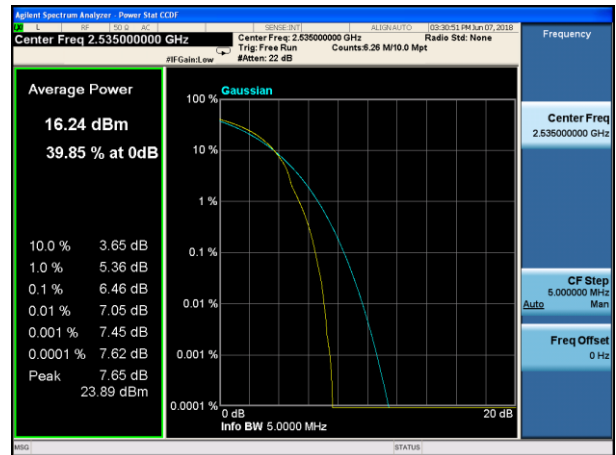
Lowest channel



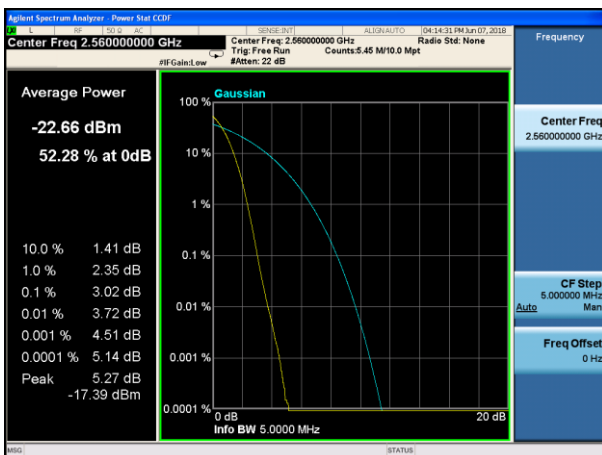
Lowest channel



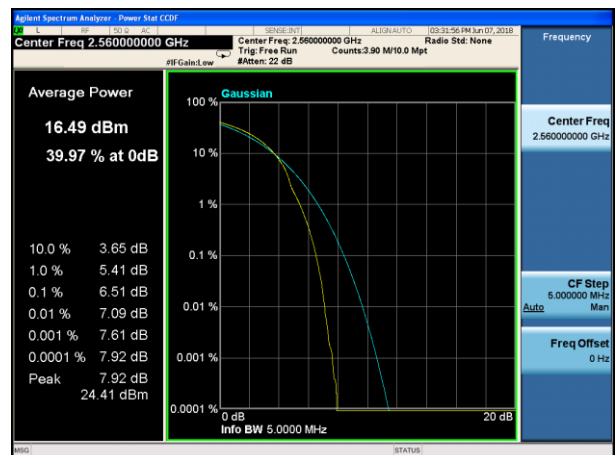
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 7

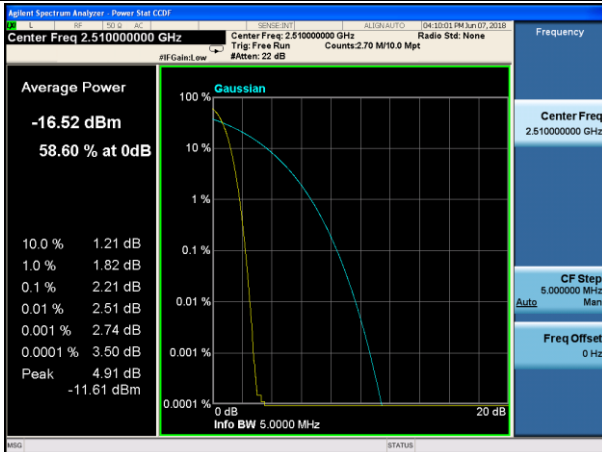
Modulation: 16QAM

Channel Bandwidth: 20MHz / 1RB

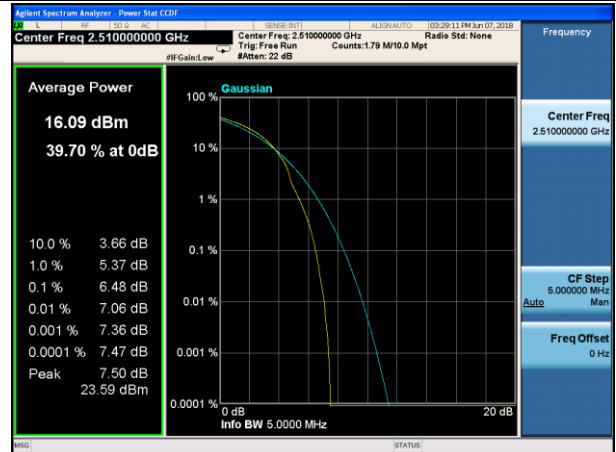
Test Mode: LTE Band 7

Modulation: 16QAM

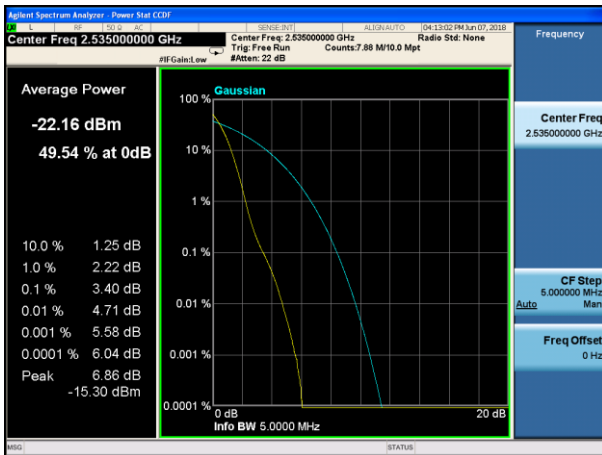
Channel Bandwidth: 20MHz / 100RB



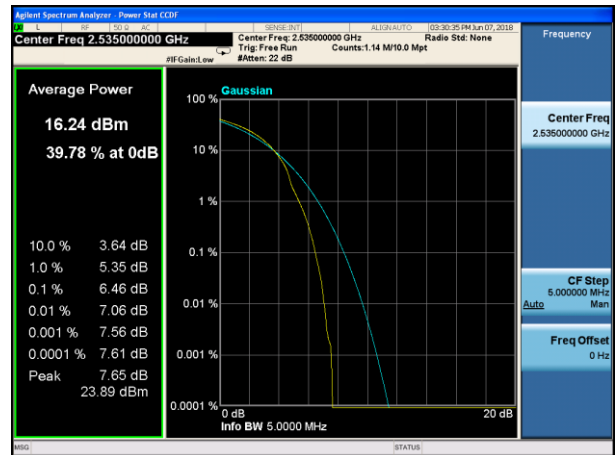
Lowest channel



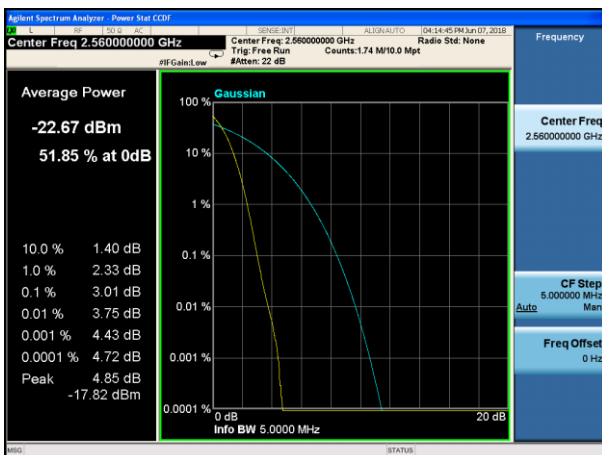
Lowest channel



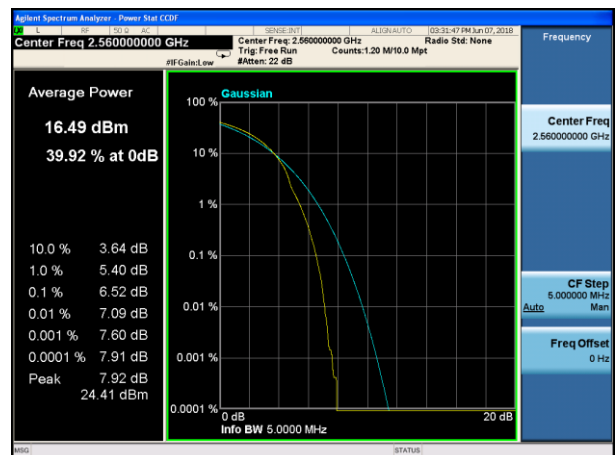
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 17

Modulation: QPSK

Channel Bandwidth: 10MHz / 1RB

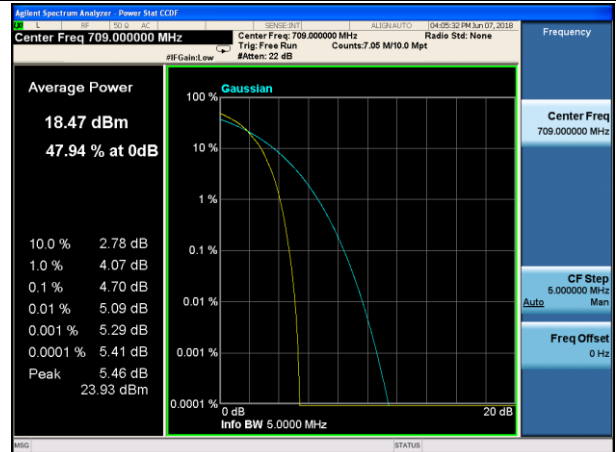
Test Mode: LTE Band 17

Modulation: QPSK

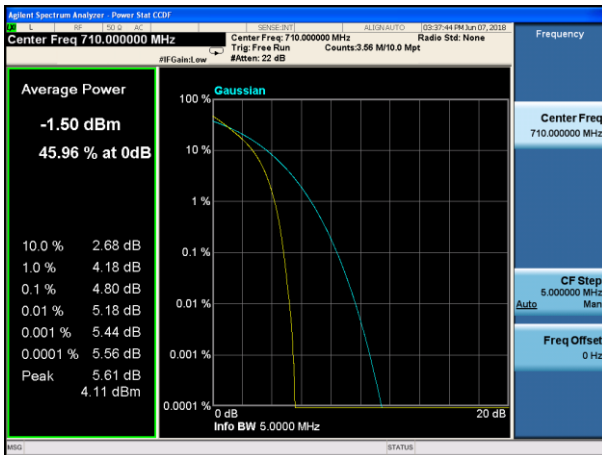
Channel Bandwidth: 10MHz / 50RB



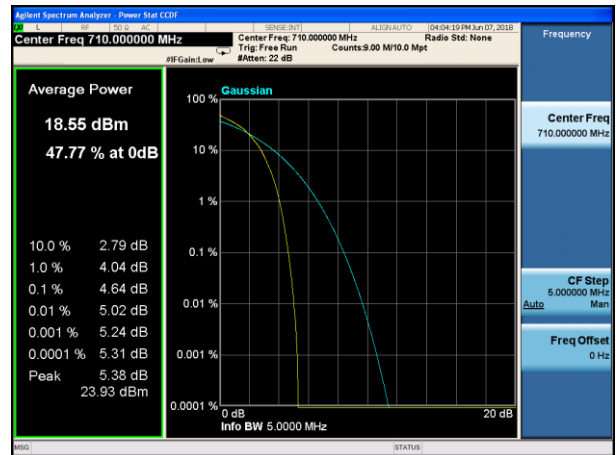
Lowest channel



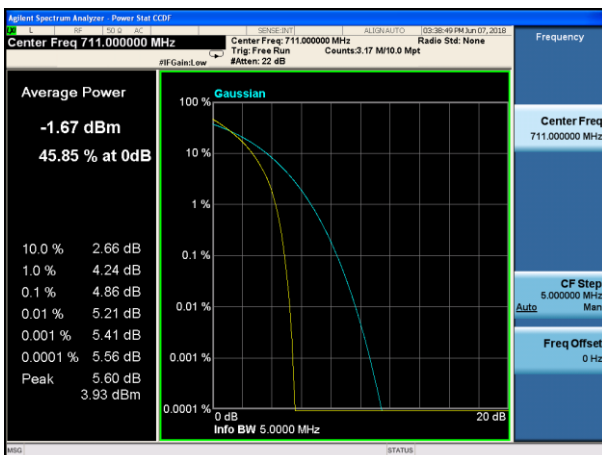
Lowest channel



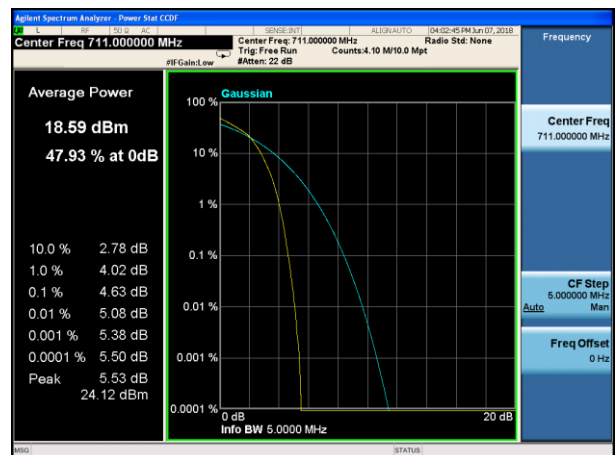
Middle channel



Middle channel



Highest channel



Highest channel

Test Mode: LTE Band 17

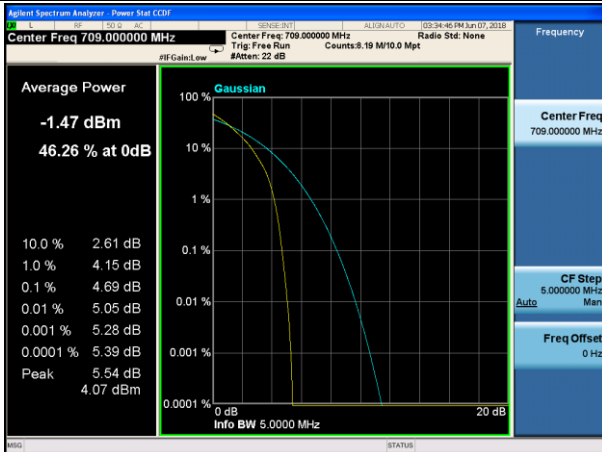
Modulation: 16QAM

Channel Bandwidth: 10MHz / 1RB

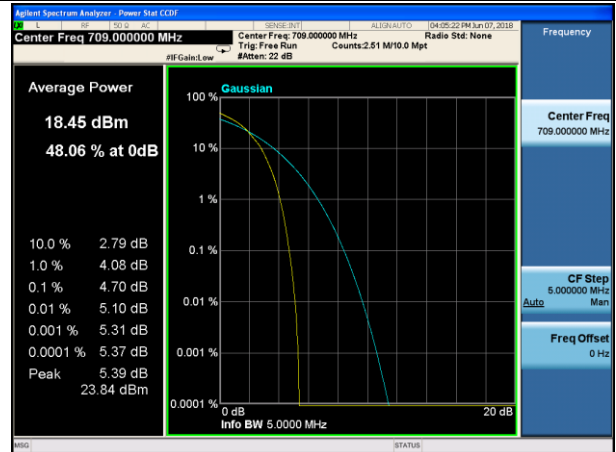
Test Mode: LTE Band 17

Modulation: 16QAM

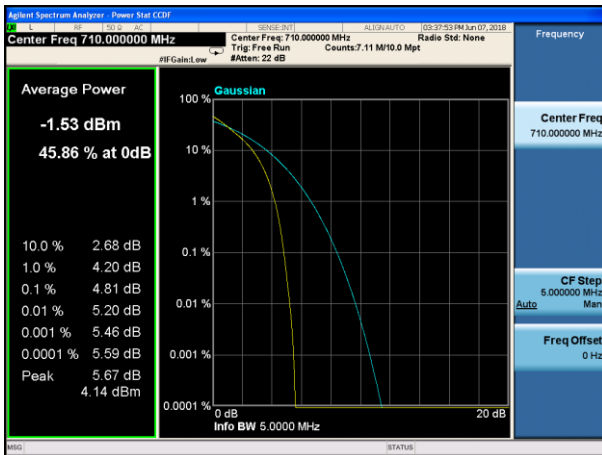
Channel Bandwidth: 10MHz / 50RB



Lowest channel



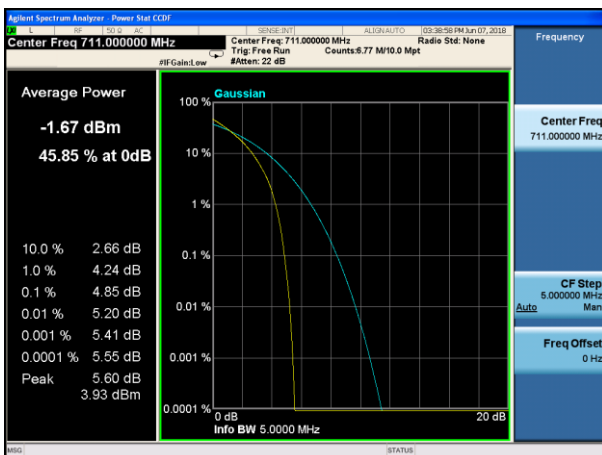
Lowest channel



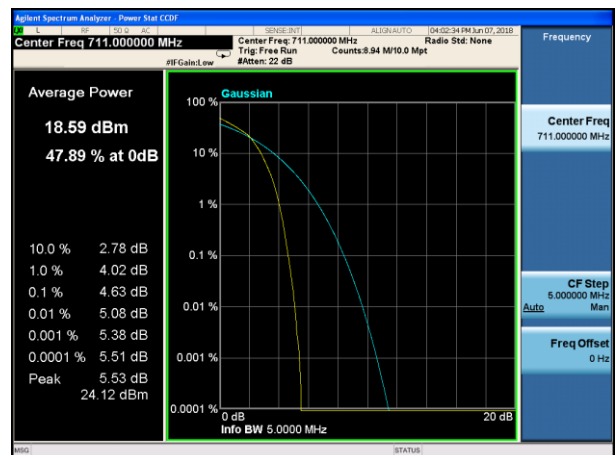
Middle channel



Middle channel



Highest channel



Highest channel