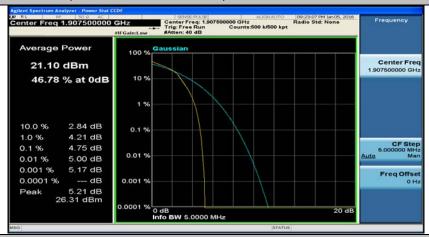
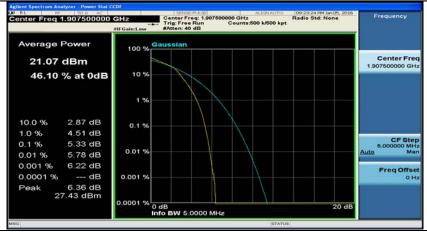
(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#6 Center Freq: 1.907500000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 40 dB enter Freq 1.907500000 GHz Average Power 100 % 21.13 dBm 45.45 % at 0dB 10 % 10.0 % 2.89 dB 4.36 dB CF Step 5.000000 MHz 0.1 % 4.95 dB 0.01 % 0.01 % 5.19 dB 0.001 % 5.30 dB Freq Offset % --- dB 5.37 dB 26.50 dBm 0.0001 % 0.001 % Peak 0.0001 9 0 dB Info BW 5.0000 MHz

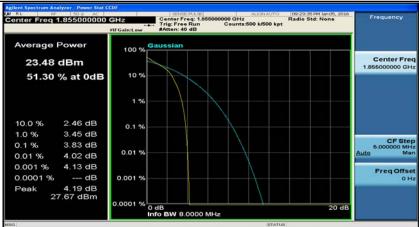
(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#13



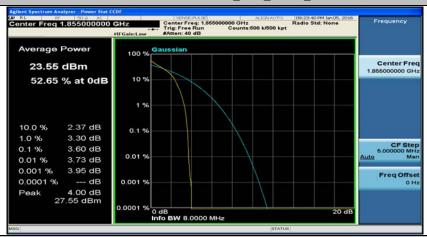
(Channel Bandwidth 5 MHz)_HCH_16QAM_25RB#0



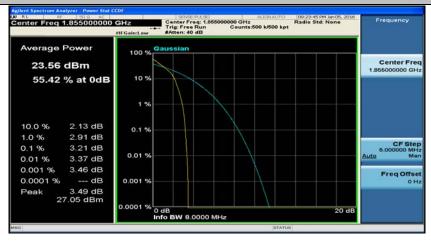
Channel Bandwidth 10 MHz_LCH_QPSK_1RB#0



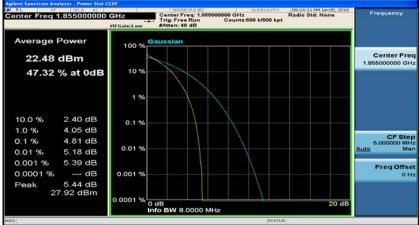
Channel Bandwidth 10 MHz_LCH_QPSK_1RB#24



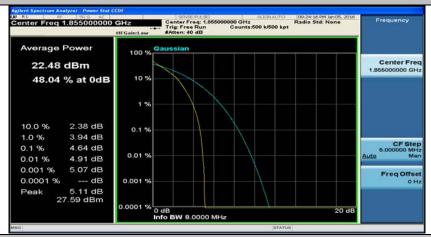
Channel Bandwidth 10 MHz_LCH_QPSK_1RB#49



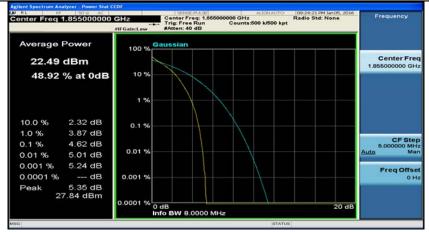
Channel Bandwidth 10 MHz_LCH_QPSK_25RB#0

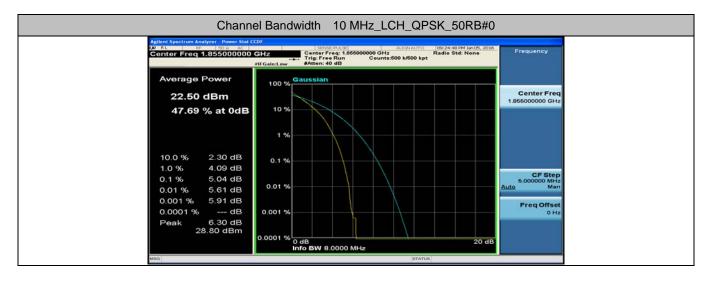


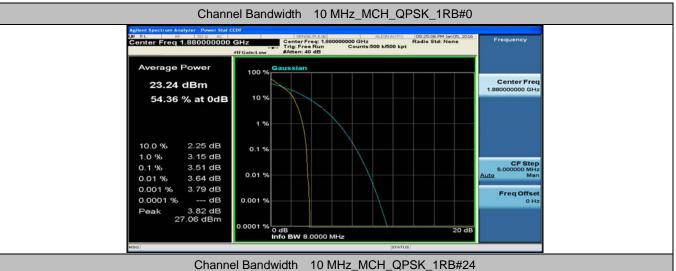
Channel Bandwidth 10 MHz_LCH_QPSK_25RB#12



Channel Bandwidth 10 MHz_LCH_QPSK_25RB#25









Channel Bandwidth 10 MHz_MCH_QPSK_1RB#49 enter Freq 1.880000000 GHz Average Power 100 % 23.02 dBm 10 % 49.71 % at 0dB 2.58 dB 3.75 dB CF Step 5.000000 MHz 4.17 dB

Freq Offset

Channel Bandwidth 10 MHz_MCH_QPSK_25RB#0

0 dB Info BW 8.0000 MHz

0.01 %

0.001 %

0.0001 9

10.0 %

0.1 %

Peak

0.01 %

0.001 %

0.0001 %

4.40 dB

4.48 dB

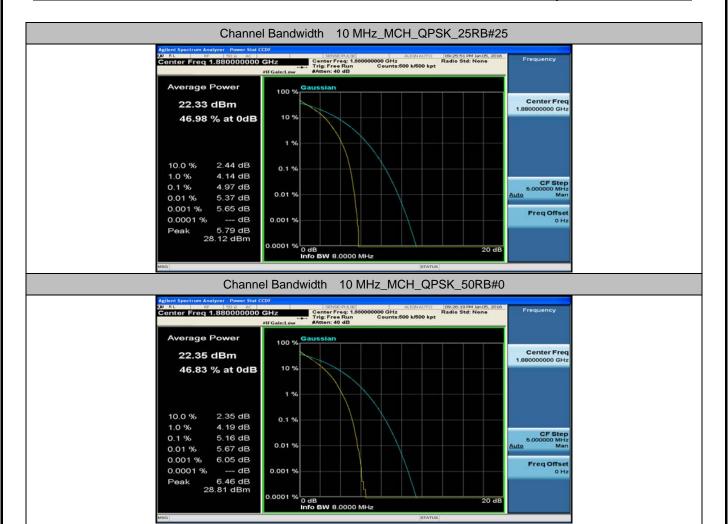
--- dB

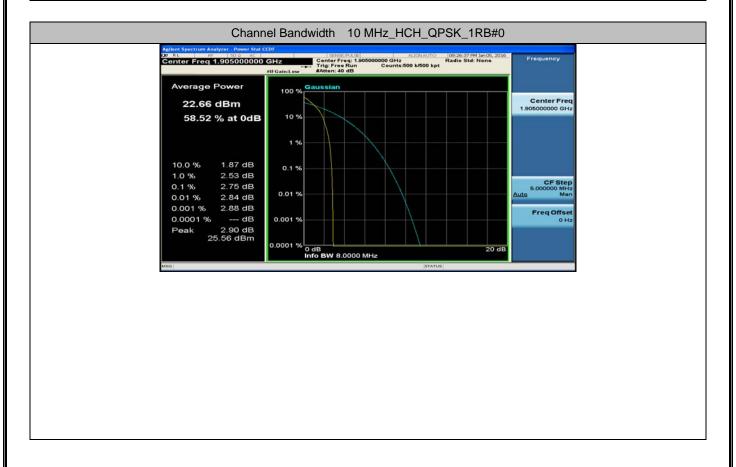
4.51 dB 27.53 dBm



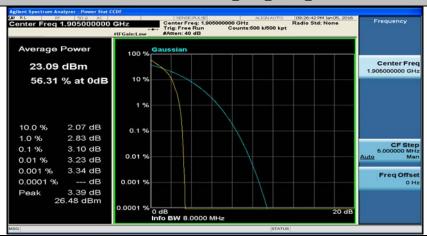
Channel Bandwidth 10 MHz_MCH_QPSK_25RB#12



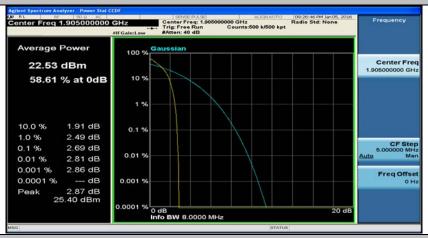




Channel Bandwidth 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth 10 MHz_HCH_QPSK_1RB#49

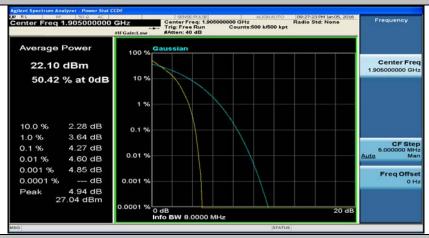


Channel Bandwidth 10 MHz_HCH_QPSK_25RB#0

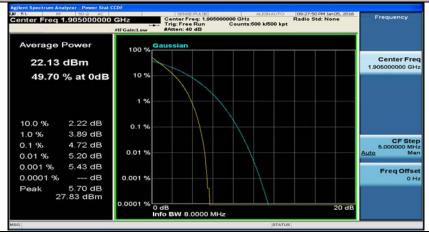


Channel Bandwidth 10 MHz_HCH_QPSK_25RB#12 enter Freq 1.905000000 GHz Average Power 100 % 22.12 dBm 51.13 % at 0dB 10 % 10.0 % 2.25 dB 0.1 % 3.58 dB CF Step 5.000000 MHz 0.1 % 4.16 dB 0.01 % 0.01 % 4.43 dB 0.001 % 4.54 dB Freq Offset % --- dB 4.63 dB 26.75 dBm 0.0001 % 0.001 % Peak 0.0001 9 0 dB Info BW 8.0000 MHz

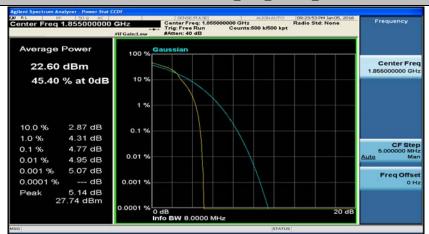
Channel Bandwidth 10 MHz_HCH_QPSK_25RB#25



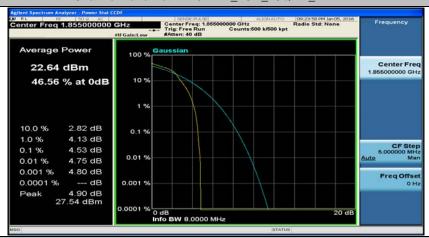
Channel Bandwidth 10 MHz_HCH_QPSK_50RB#0



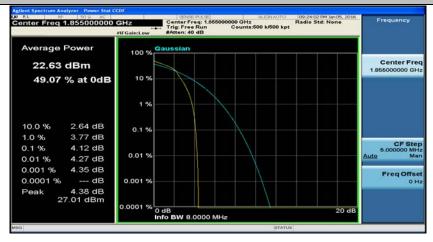
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#0



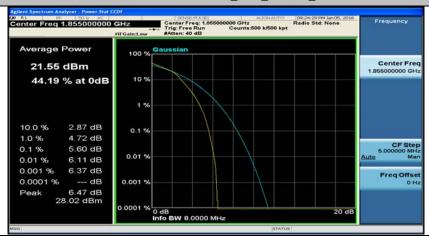
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#24



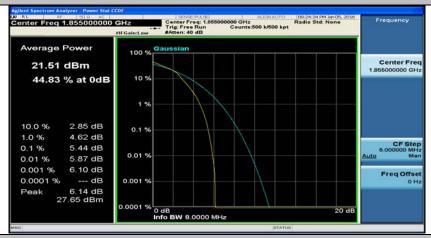
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#49



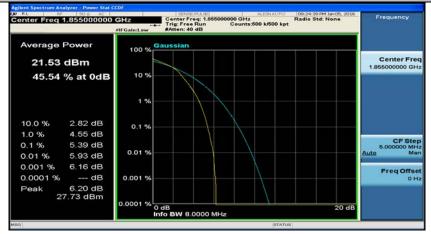
Channel Bandwidth 10 MHz_LCH_16QAM_25RB#0

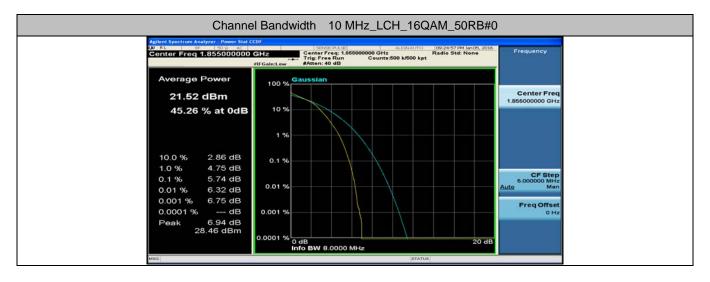


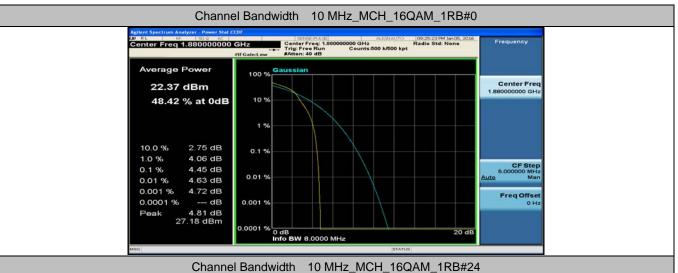
Channel Bandwidth 10 MHz_LCH_16QAM_25RB#12

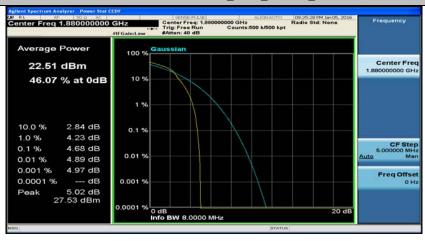


Channel Bandwidth 10 MHz_LCH_16QAM_25RB#25

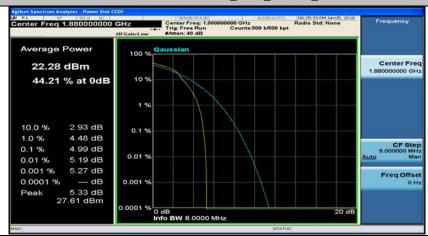








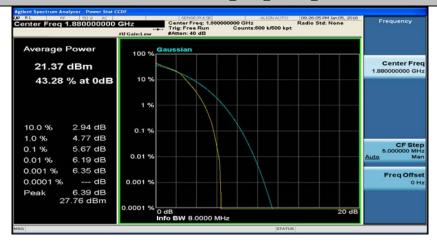
Channel Bandwidth 10 MHz_MCH_16QAM_1RB#49

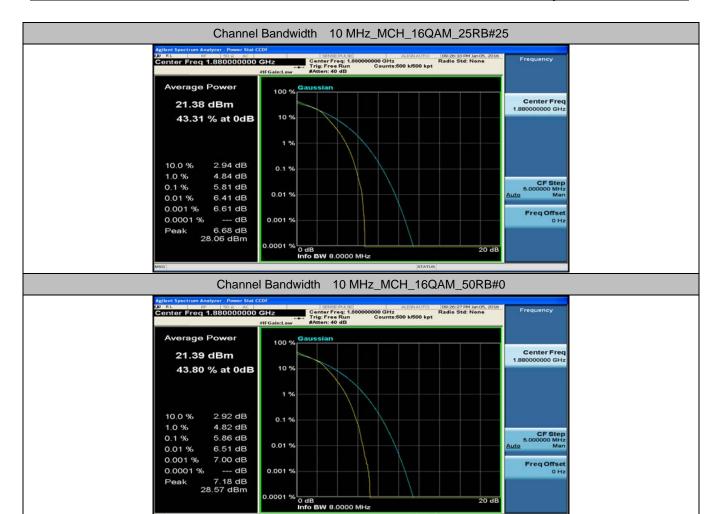


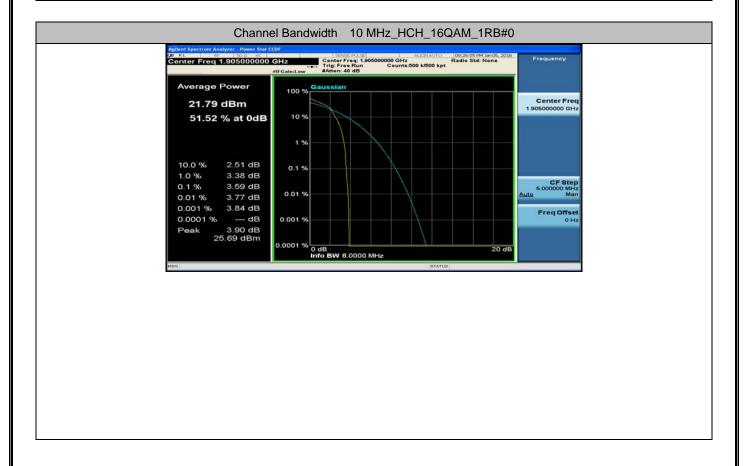
Channel Bandwidth 10 MHz_MCH_16QAM_25RB#0



Channel Bandwidth 10 MHz_MCH_16QAM_25RB#12







Channel Bandwidth 10 MHz_HCH_16QAM_1RB#24 Center Freq: 1.905000000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 40 dB enter Freq 1.905000000 GHz Average Power 100 % 22.21 dBm 10 % 49.33 % at 0dB 10.0 % 2.70 dB 3.69 dB CF Step 5.000000 MHz 0.1 % 3.95 dB 0.01 % 0.01 % 4.12 dB 0.001 % 4.26 dB Freq Offset % --- dB 4.28 dB 26.49 dBm 0.0001 % 0.001 % Peak

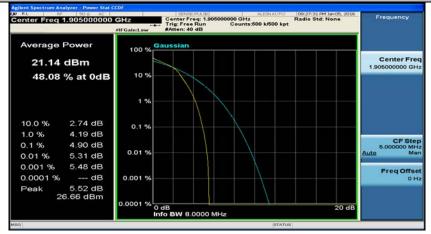
Channel Bandwidth 10 MHz_HCH_16QAM_1RB#49

0 dB Info BW 8.0000 MHz

0.0001 9

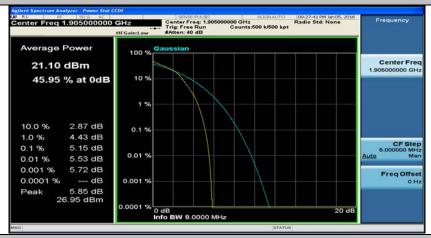


Channel Bandwidth 10 MHz_HCH_16QAM_25RB#0

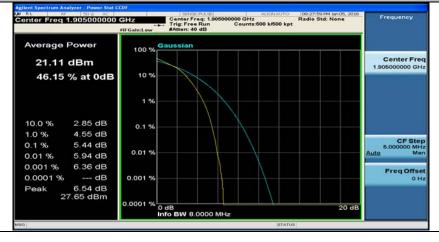


Channel Bandwidth 10 MHz_HCH_16QAM_25RB#12 enter Freq 1.905000000 GHz Average Power 100 % 21.11 dBm 46.07 % at 0dB 10 % 10.0 % 2.81 dB 4.34 dB CF Step 5.000000 MHz 0.1 % 5.02 dB 0.01 % 0.01 % 5.34 dB 0.001 % 5.46 dB Freq Offset 0.0001 % --- dB 0.001 % 5.55 dB 26.66 dBm Peak 0.0001 9 0 dB Info BW 8.0000 MHz

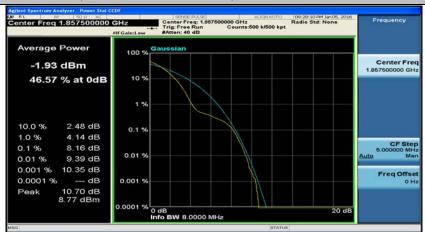
Channel Bandwidth 10 MHz_HCH_16QAM_25RB#25



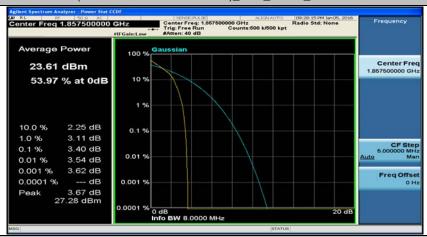
Channel Bandwidth 10 MHz_HCH_16QAM_50RB#0



(Channel Bandwidth 15 MHz)_LCH_QPSK_1RB#0



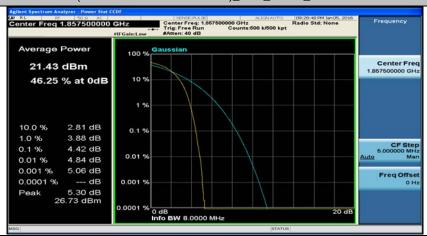
(Channel Bandwidth 15 MHz)_LCH_QPSK_1RB#37



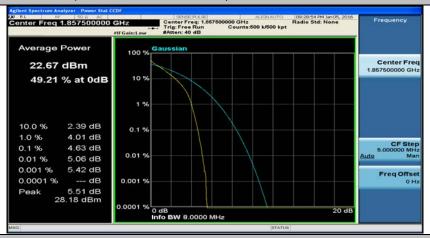
(Channel Bandwidth 15 MHz)_LCH_QPSK_1RB#74



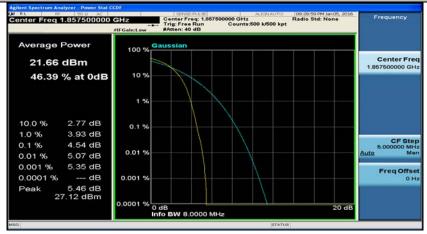
(Channel Bandwidth 15 MHz)_LCH_QPSK_37RB#0

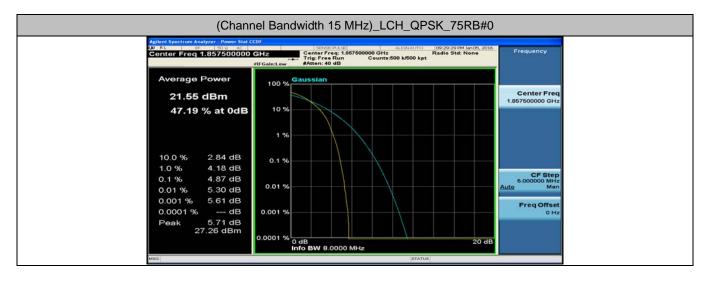


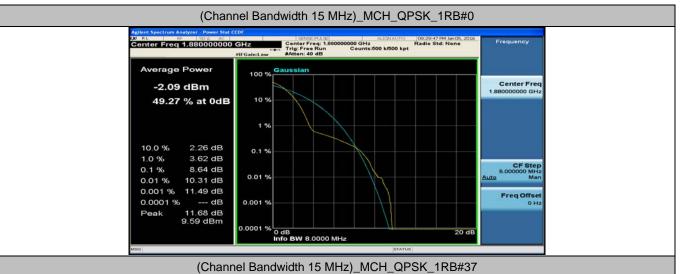
(Channel Bandwidth 15 MHz)_LCH_QPSK_37RB#18

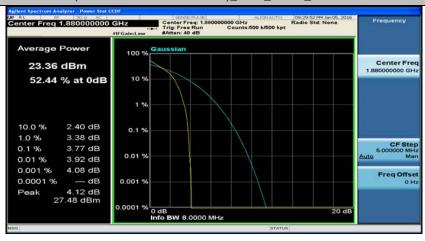


(Channel Bandwidth 15 MHz)_LCH_QPSK_37RB#38

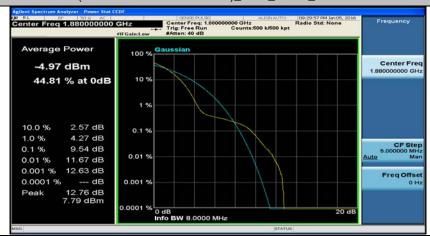




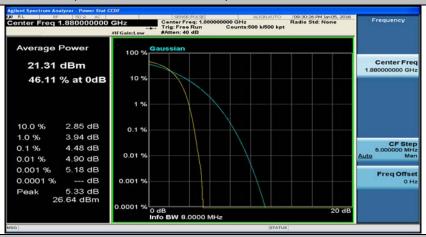




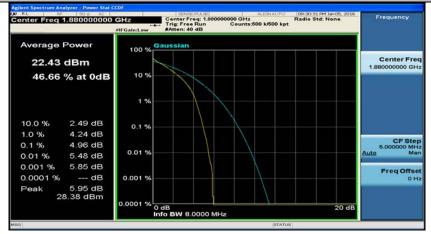
(Channel Bandwidth 15 MHz)_MCH_QPSK_1RB#74

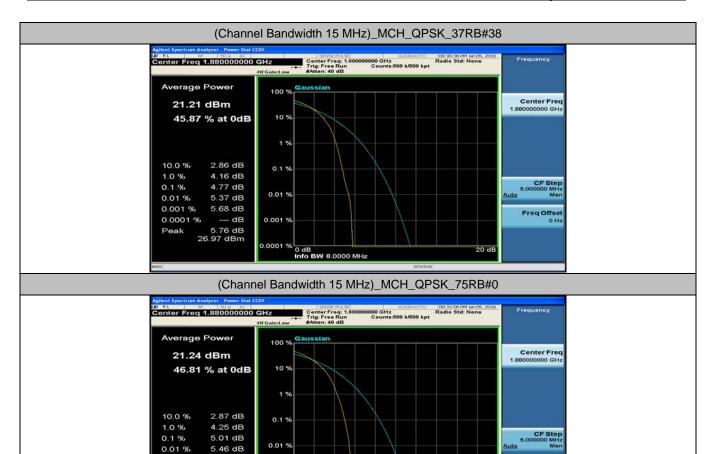


(Channel Bandwidth 15 MHz)_MCH_QPSK_37RB#0



(Channel Bandwidth 15 MHz)_MCH_QPSK_37RB#18





0.001 %

Peak

0.0001 %

5.74 dB

5.80 dB 27.04 dBm

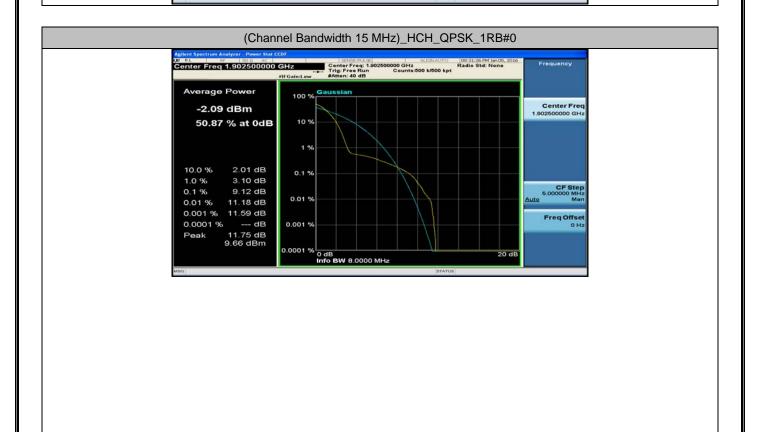
--- dB

0.001 %

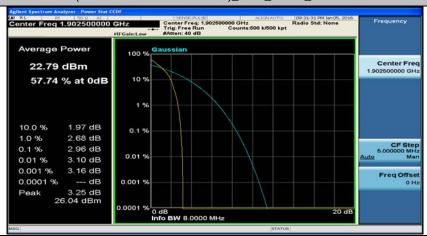
0.0001 %

0 dB Info BW 8.0000 MHz Freq Offset

20 dB



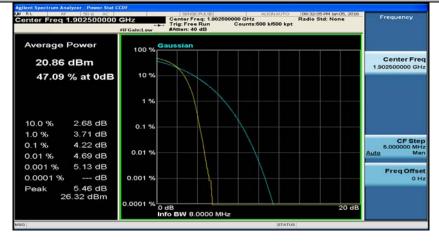
(Channel Bandwidth 15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth 15 MHz)_HCH_QPSK_1RB#74

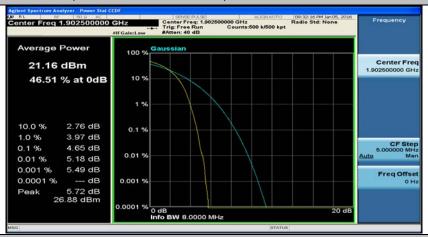


(Channel Bandwidth 15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth 15 MHz)_HCH_QPSK_37RB#18 enter Freq 1.902500000 GHz Average Power 100 % 22.11 dBm 51.85 % at 0dB 10 % 10.0 % 2.23 dB 3.64 dB CF Step 5.000000 MHz 0.1 % 4.28 dB 0.01 % 0.01 % 4.69 dB 0.001 % 4.89 dB Freq Offset 0.0001 % --- dB 0.001 % 5.01 dB 27.12 dBm Peak 0.0001 9 0 dB Info BW 8.0000 MHz

(Channel Bandwidth 15 MHz)_HCH_QPSK_37RB#38



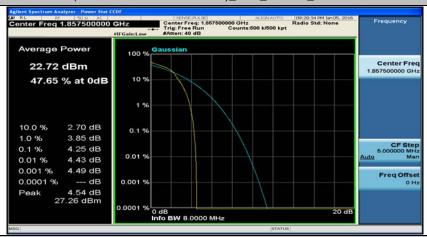
(Channel Bandwidth 15 MHz)_HCH_QPSK_75RB#0



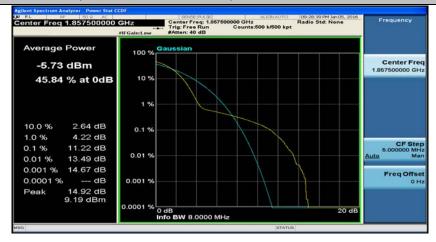
(Channel Bandwidth 15 MHz)_LCH_16QAM_1RB#0



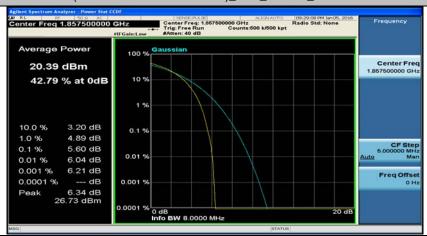
(Channel Bandwidth 15 MHz)_LCH_16QAM_1RB#37



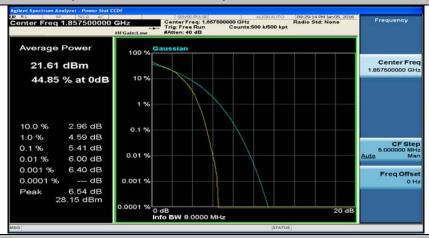
(Channel Bandwidth 15 MHz)_LCH_16QAM_1RB#74



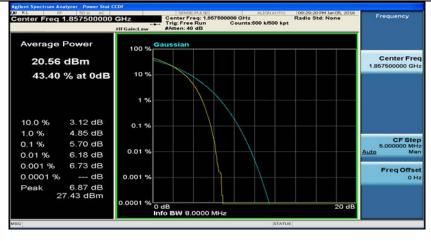
(Channel Bandwidth 15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth 15 MHz)_LCH_16QAM_37RB#18

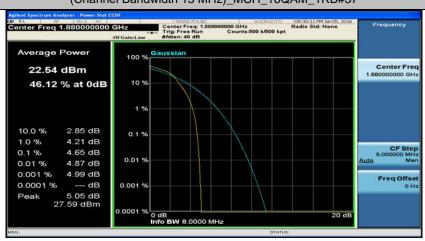


(Channel Bandwidth 15 MHz)_LCH_16QAM_37RB#38

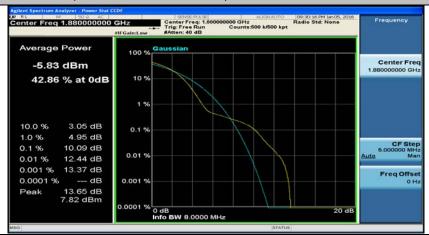


(Channel Bandwidth 15 MHz)_LCH_16QAM_75RB#0 Center Freq: 1.857500000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 40 dB enter Freq 1.857500000 GHz Average Power 100 % 20.47 dBm 42.74 % at 0dB 10 % 10.0 % 3.20 dB 4.97 dB CF Step 5.000000 MHz 0.1 % 6.02 dB 0.01 % 0.01 % 6.62 dB 0.001 % 7.09 dB Freq Offset % --- dB 7.23 dB 27.70 dBm 0.0001 % 0.001 % Peak 0.0001 % 0 dB Info BW 8.0000 MHz

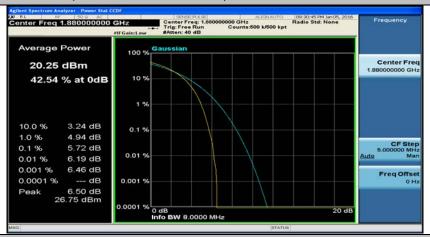




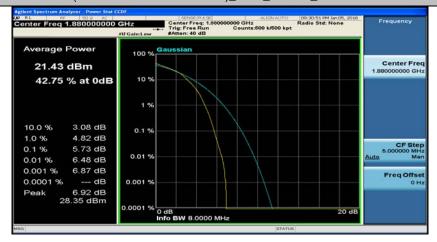
(Channel Bandwidth 15 MHz)_MCH_16QAM_1RB#74

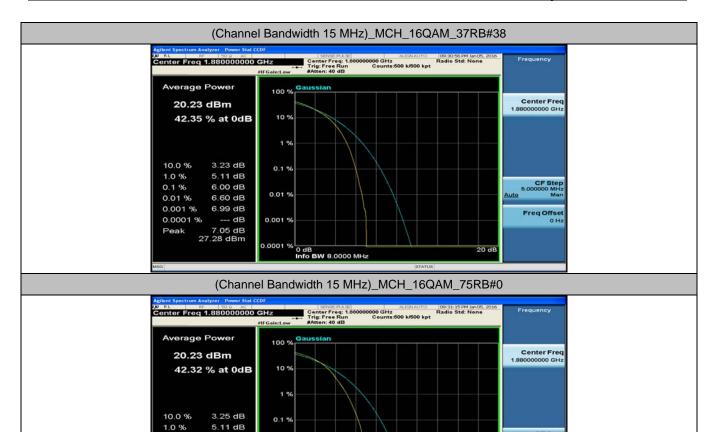


(Channel Bandwidth 15 MHz)_MCH_16QAM_37RB#0



(Channel Bandwidth 15 MHz)_MCH_16QAM_37RB#18





0.1 %

Peak

0.01 %

0.001 %

0.0001 %

6.22 dB

6.83 dB

7.35 dB

7.45 dB 27.68 dBm

--- dB

0.01 %

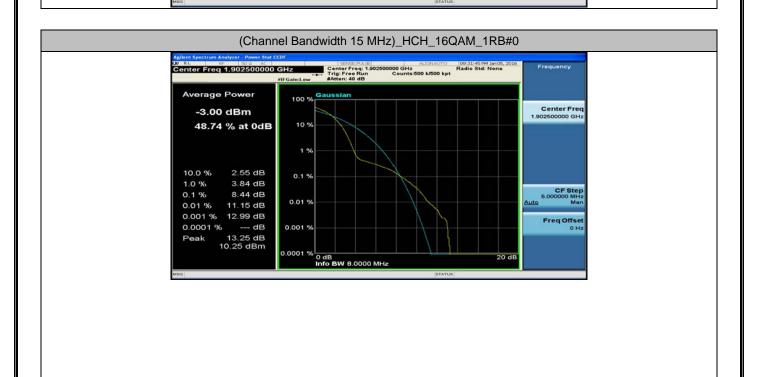
0.001 %

0.0001 %

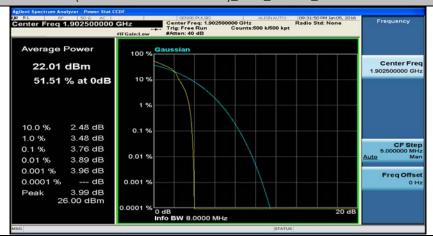
0 dB Info BW 8.0000 MHz CF Step 5.000000 MH:

Freq Offset

20 dB



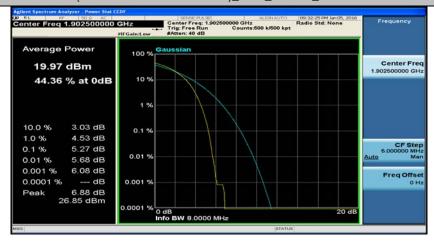
(Channel Bandwidth 15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth 15 MHz)_HCH_16QAM_1RB#74

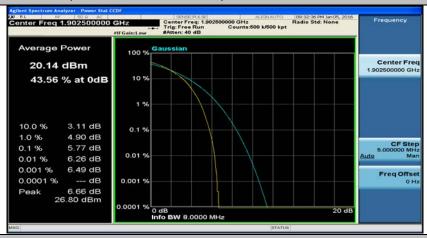


(Channel Bandwidth 15 MHz)_HCH_16QAM_37RB#0

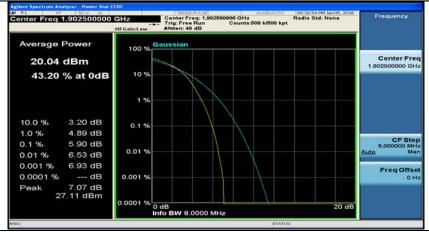


(Channel Bandwidth 15 MHz)_HCH_16QAM_37RB#18 Center Freq: 1.902500000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 40 dB enter Freq 1.902500000 GHz Average Power 100 % 21.24 dBm 47.81 % at 0dB 10 % 10.0 % 2.84 dB 4.19 dB CF Step 5.000000 MHz 0.1 % 4.97 dB 0.01 % 0.01 % 5.39 dB 0.001 % 5.66 dB Freq Offset 0.0001 % --- dB 0.001 % 5.70 dB 26.94 dBm Peak 0.0001 9 0 dB Info BW 8.0000 MHz

(Channel Bandwidth 15 MHz)_HCH_16QAM_37RB#38



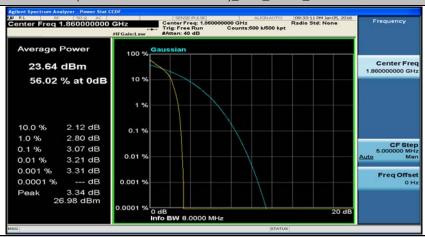
(Channel Bandwidth 15 MHz)_HCH_16QAM_75RB#0



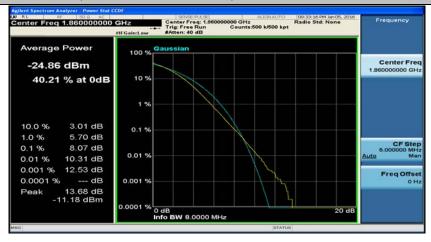
(Channel Bandwidth 20 MHz)_LCH_QPSK_1RB#0



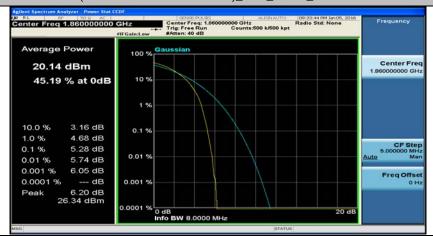
(Channel Bandwidth 20 MHz)_LCH_QPSK_1RB#49



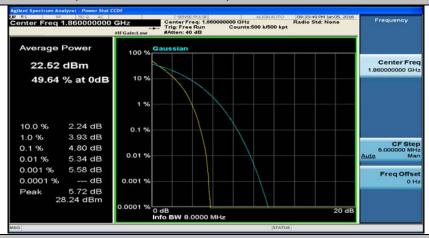
(Channel Bandwidth 20 MHz)_LCH_QPSK_1RB#99



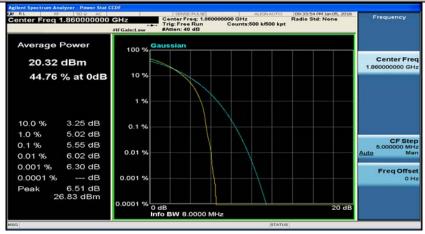
(Channel Bandwidth 20 MHz)_LCH_QPSK_50RB#0

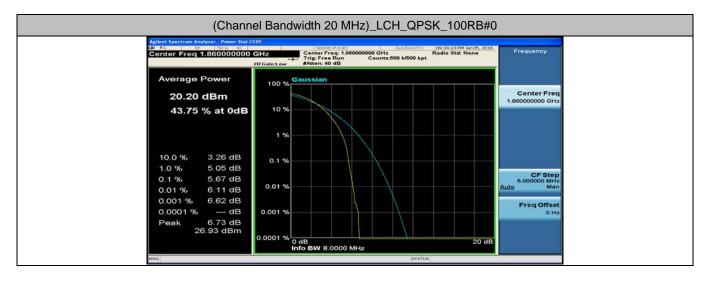


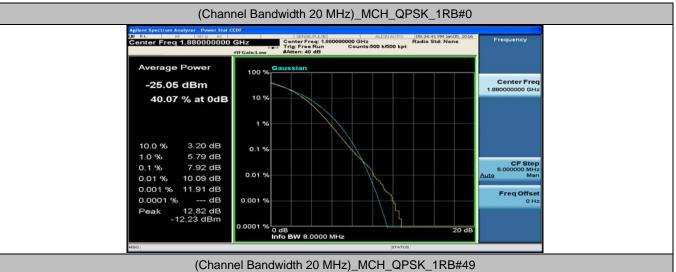
(Channel Bandwidth 20 MHz)_LCH_QPSK_50RB#25

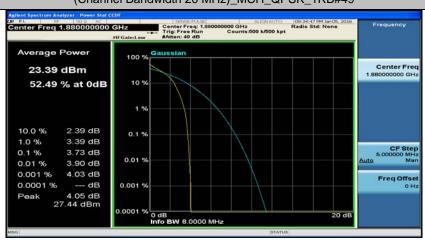


(Channel Bandwidth 20 MHz)_LCH_QPSK_50RB#50





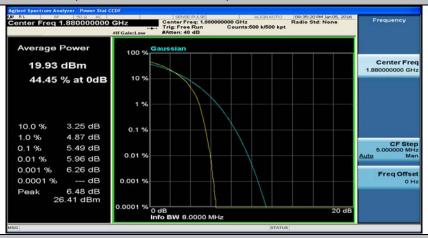




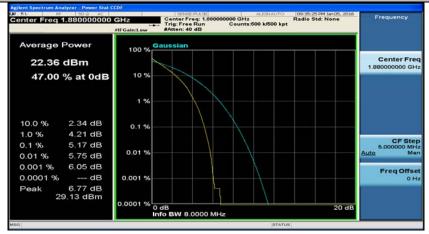
(Channel Bandwidth 20 MHz)_MCH_QPSK_1RB#99

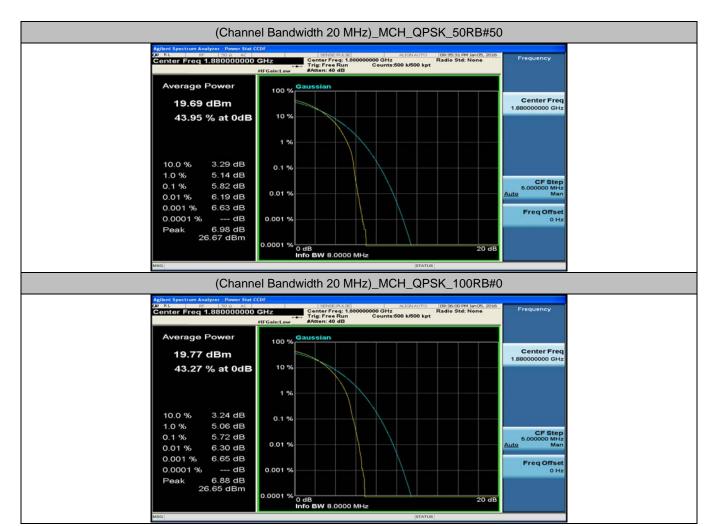


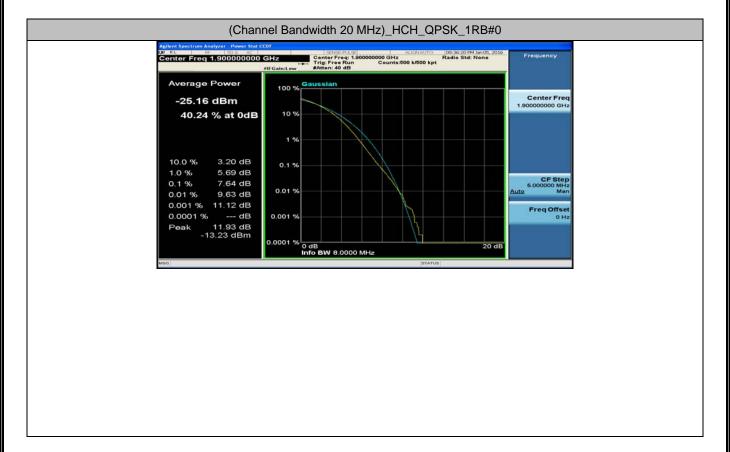
(Channel Bandwidth 20 MHz)_MCH_QPSK_50RB#0



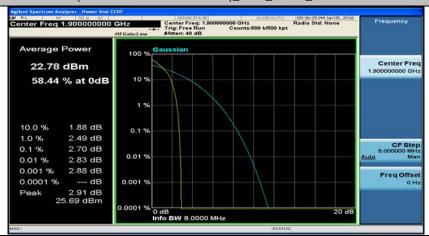
(Channel Bandwidth 20 MHz)_MCH_QPSK_50RB#25







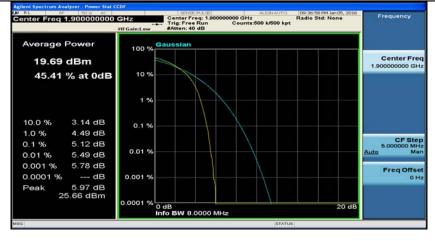
(Channel Bandwidth 20 MHz)_HCH_QPSK_1RB#49



(Channel Bandwidth 20 MHz)_HCH_QPSK_1RB#99

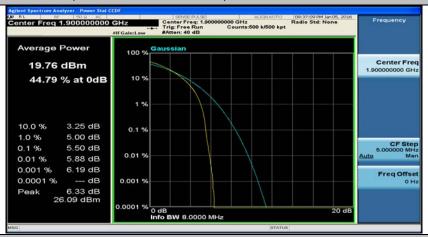


(Channel Bandwidth 20 MHz)_HCH_QPSK_50RB#0

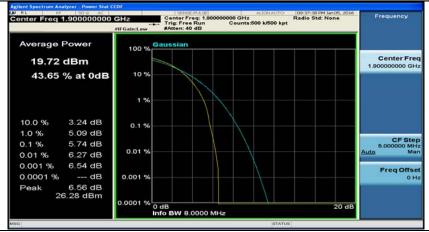


(Channel Bandwidth 20 MHz)_HCH_QPSK_50RB#25 Center Freq: 1.900000000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 40 dB enter Freq 1.900000000 GHz Average Power 100 % 22.23 dBm 10 % 51.36 % at 0dB 10.0 % 2.15 dB 3.70 dB CF Step 5.000000 MHz 0.1 % 4.52 dB 0.01 % 5.09 dB 0.01 % 0.001 % 5.52 dB Freq Offset 0.0001 % --- dB 0.001 % 5.60 dB 27.83 dBm Peak 0.0001 9 0 dB Info BW 8.0000 MHz

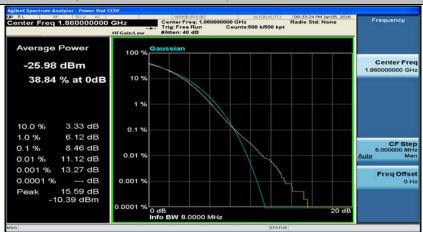
(Channel Bandwidth 20 MHz)_HCH_QPSK_50RB#50



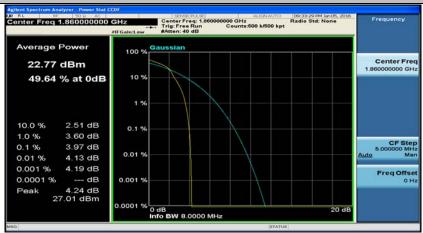
(Channel Bandwidth 20 MHz)_HCH_QPSK_100RB#0



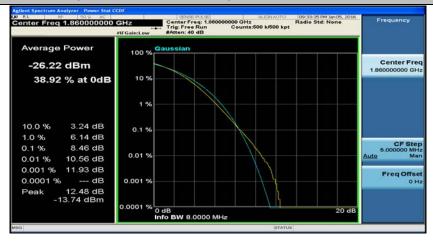
(Channel Bandwidth 20 MHz)_LCH_16QAM_1RB#0



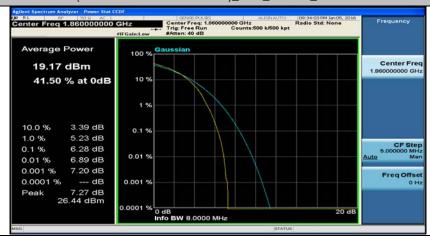
(Channel Bandwidth 20 MHz)_LCH_16QAM_1RB#49



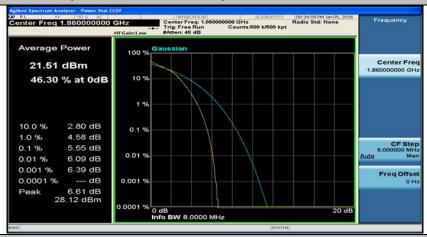
(Channel Bandwidth 20 MHz)_LCH_16QAM_1RB#99



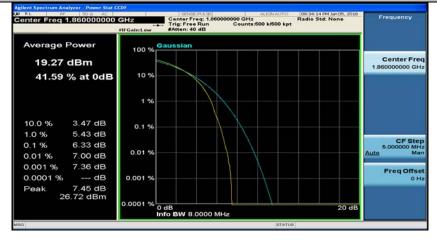
(Channel Bandwidth 20 MHz)_LCH_16QAM_50RB#0

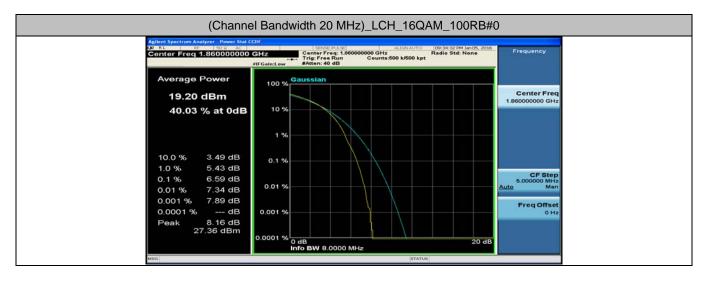


(Channel Bandwidth 20 MHz)_LCH_16QAM_50RB#25

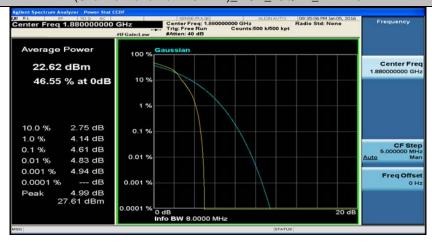


(Channel Bandwidth 20 MHz)_LCH_16QAM_50RB#50

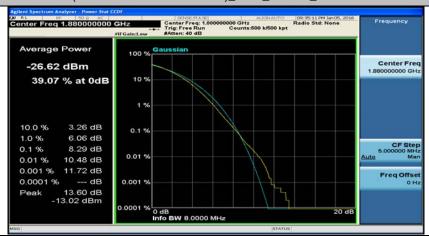




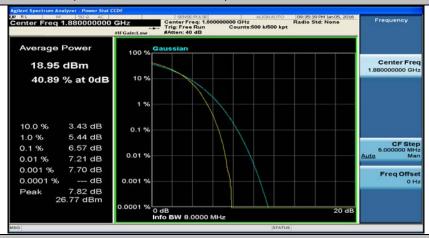




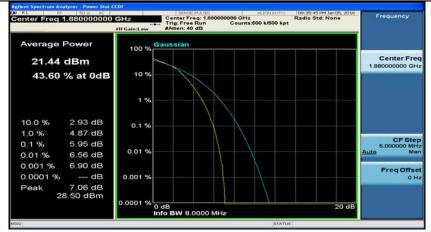
(Channel Bandwidth 20 MHz)_MCH_16QAM_1RB#99

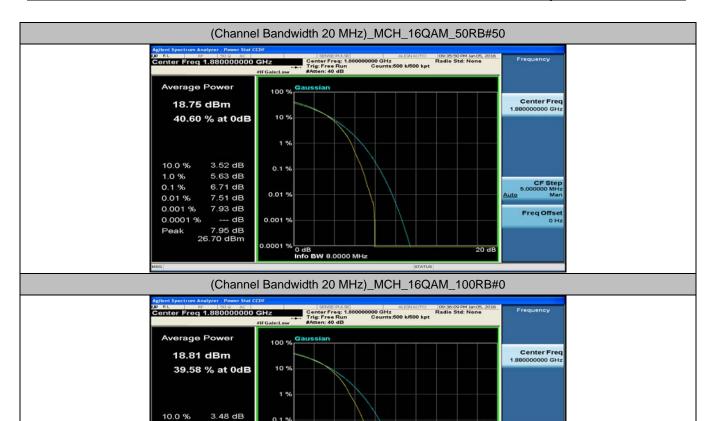


(Channel Bandwidth 20 MHz)_MCH_16QAM_50RB#0



(Channel Bandwidth 20 MHz)_MCH_16QAM_50RB#25





CF Step 5.000000 MH:

Freq Offset

20 dB

10.0 %

5.49 dB

6.80 dB

7.58 dB

8.27 dB

8.69 dB 27.50 dBm

--- dB

1.0 %

0.1 %

Peak

0.01 %

0.001 %

0.0001 %

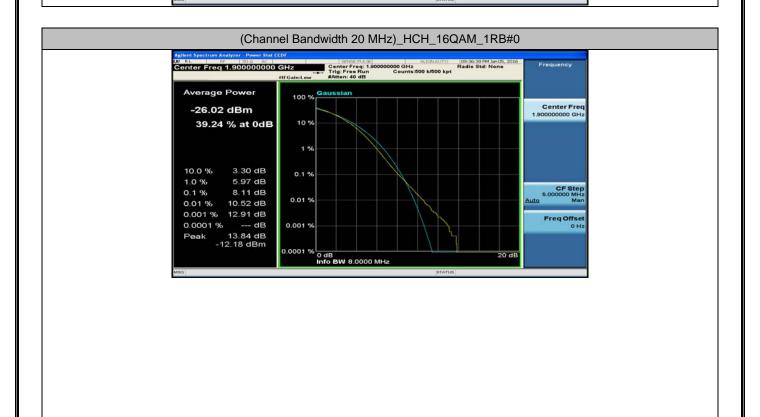
0.1 %

0.01 %

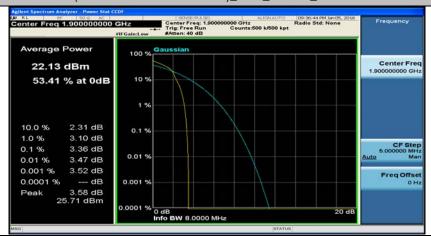
0.001 %

0.0001 %

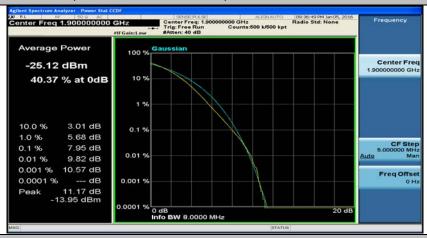
0 dB Info BW 8.0000 MHz



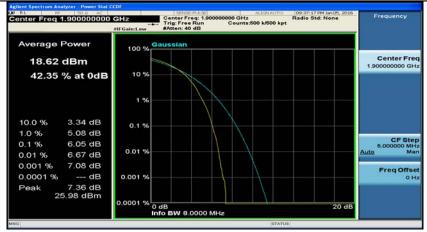
(Channel Bandwidth 20 MHz)_HCH_16QAM_1RB#49



(Channel Bandwidth 20 MHz)_HCH_16QAM_1RB#99

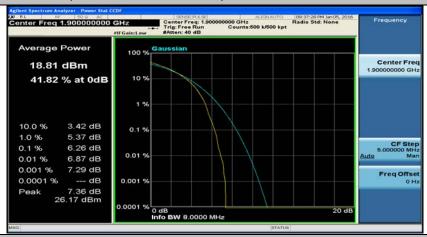


(Channel Bandwidth 20 MHz)_HCH_16QAM_50RB#0



(Channel Bandwidth 20 MHz)_HCH_16QAM_50RB#25 Center Freq: 1.900000000 GHz Trig: Free Run Counts:500 k/500 kpt #Atten: 40 dB enter Freq 1.900000000 GHz Average Power 100 % 21.17 dBm 10 % 47.99 % at 0dB 2.73 dB 4.28 dB CF Step 5.000000 MHz 0.1 % 5.19 dB 0.01 % 0.01 % 5.74 dB 0.001 % 6.12 dB Freq Offset 0.0001 % --- dB 0.001 % 6.18 dB 27.35 dBm Peak 0.0001 9 0 dB Info BW 8.0000 MHz

(Channel Bandwidth 20 MHz)_HCH_16QAM_50RB#50



(Channel Bandwidth 20 MHz)_HCH_16QAM_100RB#0



A.3: 26dB Bandwidth and Occupied Bandwidth

Channel Bandwidth 1.4 MHz									
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Vardiet			
		Size	Offset	(MHz)	(MHz)	Verdict			
QPSK	LCH	6	0	1.0789	1.231	PASS			
	MCH	6	0	1.0761	1.210	PASS			
	HCH	6	0	1.0838	1.654	PASS			
	LCH	6	0	1.0811	1.229	PASS			
16QAM	MCH	6	0	1.0795	1.218	PASS			
	HCH	6	0	1.0805	1.264	PASS			

Channel Bandwidth 3 MHz									
NA - ded - di	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Voudiet			
Modulation		Size	Offset	(MHz)	(MHz)	Verdict			
ODCK	LCH	15	0	2.6823	2.876	PASS			
QPSK	MCH	15	0	2.6834	2.875	PASS			
	HCH	15	0	2.6872	2.893	PASS			
	LCH	15	0	2.6811	2.885	PASS			
16QAM	MCH	15	0	2.6826	2.877	PASS			
	HCH	15	0	2.6885	2.880	PASS			

Channel Bandwidth 5 MHz									
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict			
		Size	Offset	(MHz)	(MHz)	verdict			
ODSK	LCH	25	0	4.4827	4.833	PASS			
QPSK	MCH	25	0	4.4866	4.794	PASS			
	HCH	25	0	4.4808	4.843	PASS			
16QAM	LCH	25	0	4.4795	4.830	PASS			
	MCH	25	0	4.4785	4.824	PASS			
	HCH	25	0	4.4873	4.833	PASS			

Channel Bandwidth 10 MHz									
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Vondict			
		Size	Offset	(MHz)	(MHz)	Verdict			
QPSK	LCH	50	0	8.9235	9.458	PASS			
	MCH	50	0	8.9339	9.452	PASS			
	HCH	50	0	8.9405	9.555	PASS			
16QAM	LCH	50	0	8.9390	9.412	PASS			
	MCH	50	0	8.9358	9.475	PASS			
	HCH	50	0	8.9483	9.394	PASS			

Channel Bandwidth 15 MHz									
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Vardiet			
		Size	Offset	(MHz)	(MHz)	Verdict			
QPSK	LCH	75	0	13.409	14.14	PASS			
	MCH	75	0	13.421	14.07	PASS			
	HCH	75	0	13.452	18.25	PASS			
16QAM	LCH	75	0	13.401	14.07	PASS			
	MCH	75	0	13.418	14.08	PASS			
	HCH	75	0	13.448	14.27	PASS			

Channel Bandwidth 20 MHz									
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict			
Modulation		Size	Offset	(MHz)	(MHz)	verdict			
OBSK	LCH	100	0	17.861	18.67	PASS			
QPSK	MCH	100	0	17.898	18.64	PASS			
	HCH	100	0	17.896	18.89	PASS			
16QAM	LCH	100	0	17.847	18.60	PASS			
	MCH	100	0	17.893	18.65	PASS			
	HCH	100	0	17.883	18.69	PASS			