C.2: Peak-to-Average Ratio

			Channel	Bandwidth: 1.4 MHz		
Modulation	Channel	RB Con	figuration	Peak-to-Average Ratio	Limit	Verdict
Modulation	Channel	Size	Offset	(dB)	(dB)	verdict
		1	0	4.25	<13	PASS
		1	3	4.08	<13	PASS
		1	5	4.05	<13	PASS
	LCH	3	0	4.1	<13	PASS
		3	2	4	<13	PASS
		3	3	3.97	<13	PASS
		6	0	4.87	<13	PASS
		1	0	5.16	<13	PASS
		1	3	5.42	<13	PASS
		1	5	5.38	<13	PASS
QPSK	МСН	3	0	5.83	(dB) <13 <13 <13 <13 <13 <13 <13 <13 <13 <13	PASS
		3	2	5.79	<13	PASS
		3	3	5.7	<13	PASS
		6	0	6.02	<13	PASS
		1	0	5.45	<13	PASS
		1	3	5.55	<13	PASS
		1	5	5.49	<13	PASS
	НСН	3	0	5.81	<13	PASS
		3	2	5.77	<13	PASS
		3	3	5.85	<13	PASS
		6	0	6.24	<13	PASS
		1	0	5.18	<13	PASS
		1	3	4.86	<13	PASS
		1	5	4.88	<13	PASS
	LCH	3	0	5.01	<13	PASS
		3	2	4.95	<13	PASS
		3	3	4.92	<13	PASS
		6	0	5.79	<13	PASS
		1	0	6.6	<13	PASS
160011		1	3	6.39	<13	PASS
16QAM		1	5	6.26	<13	PASS
	MCH	3	0	6.84	<13	PASS
		3	2	6.72	<13	PASS
		3	3	6.62	<13	PASS
		6	0	7.01	<13	PASS
		1	0	6.36	<13	PASS
	ион	1	3	6.45	<13	PASS
	HCH	1	5	6.36	<13	PASS
		3	0	6.41	<13	PASS

<u>SHENZHEN L</u>	SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.			TD. FCC ID: VSFCT5	Report No.: LCS1610	<u>110473E</u>
		3	2	6.51	<13	PASS
		3	3	6.57	<13	PASS
		6	0	6.96	<13	PASS

			Channel	Bandwidth: 3 MHz		
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Verdict
iviodulation	Chamilei	Size	Offset	[dB]	[dB]	verdict
		1	0	4.6	<13	PASS
		1	7	4.47	<13	PASS
	-	1	14	4.53	<13	PASS
	LCH	8	0	4.91	<13	PASS
	-	8	4	4.69	<13	PASS
		8	7	4.69	<13	PASS
	-	15	0	4.86	<13	PASS
		1	0	5.76	<13	PASS
	-	1	7	5.61	<13	PASS
	<u>-</u>	1	14	5.52	<13	PASS
QPSK	МСН	8	0	6.31	<13	PASS
		8	4	6.17	<13	PASS
	<u>-</u>	8	7	5.98	[dB] <13 <13 <13 <13 <13 <13 <13 <13 <13 <13	PASS
	<u>-</u>	15	0	6.25	<13	PASS
-		1	0	4.98	<13	PASS
	НСН	1	7	5.35	<13	PASS
		1	14	5.48	<13	PASS
		8	0	5.87	<13	PASS
		8	4	6	<13	PASS
		8	7	6.29	<13	PASS
	<u> </u>	15	0	6.17	<13	PASS
		1	0	5.31	<13	PASS
	<u> </u>	1	7	4.9	<13	PASS
	<u> </u>	1	14	5.11	<13	PASS
	LCH	8	0	5.64	<13	PASS
	-	8	4	5.49	<13	PASS
	-	8	7	5.43	[dB] <13 <13 <13 <13 <13 <13 <13 <13 <13 <13	PASS
	-	15	0	5.81	<13	PASS
40041		1	0	6.78	<13	PASS
16QAM		1	7	6.51	<13	PASS
	F	1	14	6.31	<13	PASS
	MCH	8	0	7.03	<13	PASS
	ļ	8	4	6.85	<13	PASS
	-	8	7	6.78	<13	PASS
		15	0	7.05	<13	PASS
		1	0	5.92	<13	PASS
	HCH	1	7	5.95	<13	PASS

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: VSFCT5 Report No.: LCS1610110473E						
	1	14	6.42	<13	PASS	
	8	0	6.43	<13	PASS	
	8	4	6.83	<13	PASS	
	8	7	7.08	<13	PASS	
	15	0	6.91	<13	PASS	

			Channel	Bandwidth: 5 MHz		
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Verdict
Modulation	Channel	Size	Offset	[dB]	[dB]	verdict
		1	0	4.09	<13	PASS
		1	12	3.92	<13	PASS
		1	24	4.93	<13	PASS
	LCH	12	0	4.78	<13	PASS
		12	6	4.76	<13	PASS
		12	13	5.15	<13	PASS
		25	0	5.05	<13	PASS
		1	0	6.13	<13	PASS
		1	12	5.53	<13	PASS
		1	24	5.27	<13	PASS
QPSK	MCH	12	0	6.28	<13	PASS
		12	6	6.17	<13	PASS
		12	13	5.89	[dB] <13 <13 <13 <13 <13 <13 <13 <13 <13 <13	PASS
		25	0	6.18	<13	PASS
		1	0	4.47	<13	PASS
		1	12	5.13	<13	PASS
		1	24	5.77	<13	PASS
	НСН	12	0	5.33		PASS
		12	6	5.85	<13	PASS
		12	13	6.16	<13	PASS
		25	0	5.77	<13	PASS
		1	0	5.12	<13	PASS
		1	12	4.71	<13	PASS
		1	24	5.77	<13	PASS
	LCH	12	0	5.73	<13	PASS
		12	6	5.56	<13	PASS
		12	13	5.91	<13	PASS
160 ^ 1/4		25	0	5.87	<13	PASS
16QAM		1	0	6.75	<13	PASS
		1	12	6.33	<13	PASS
		1	24	6.03	<13	PASS
	MCH	12	0	7.18	<13	PASS
		12	6	6.9	<13	PASS
		12	13	6.66	<13	PASS
		25	0	6.94	<13	PASS

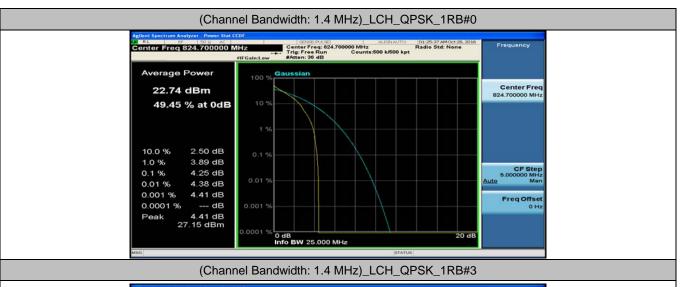
<u>SHENZHEN LC</u>	CS COMPLIANO	CE TESTING L	ABORATORY LTD.	FCC ID: VSFCT5	Report No.: LCS1610	<u>110473E</u>
		1	0	5.38	<13	PASS
		1	12	5.79	<13	PASS
		1	24	6.19	<13	PASS
	HCH	12	0	6.02	<13	PASS
		12	6	6.5	<13	PASS
		12	13	7.02	<13	PASS
		25	0	6.52	<13	PASS

			Channel	Bandwidth: 10 MHz		
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict
Modulation	Charmer	Size	Offset	[dB]	[dB]	Verdict
		1	0	4.08	<13	PASS
		1	24	5.32	<13	PASS
		1	49	6.17	<13	PASS
	LCH	25	0	5.28	<13	PASS
		25	12	5.79	<13	PASS
		25	25	6.41	<13	PASS
		50	0	5.86	<13	PASS
		1	0	5.98	<13	PASS
		1	24	5.68	<13	PASS
		1	49	4.73	<13	PASS
QPSK	MCH	25	0	6.39	<13	PASS
		25	12	6.18	<13	PASS
		25	25	5.7	<13	PASS
		50	0	6.11	<13	PASS
		1	0	4.33	<13	PASS
	НСН	1	24	4.44	<13	PASS
		1	49	5.5	<13	PASS
		25	0	5.06	<13	PASS
		25	12	4.93	<13	PASS
		25	25	5.85	<13	PASS
		50	0	5.28	<13	PASS
		1	0	5.58	<13	PASS
		1	24	6.34	<13	PASS
		1	49	7.04	<13	PASS
	LCH	25	0	5.9	<13	PASS
		25	12	6.36	<13	PASS
16QAM		25	25	7.26	<13	PASS
IUWAW		50	0	6.35	<13	PASS
		1	0	6.92	<13	PASS
		1	24	6.49	<13	PASS
	MCH	1	49	5.71	<13	PASS
		25	0	7.27	<13	PASS
		25	12	6.91	<13	PASS

<u>SHENZHEN</u>	N LCS COMPLIAN	CE TESTING L	ABORATORY LTD	. FCC ID: VSFCT5	Report No.: LCS1610	110473 <u>E</u>
		25	25	6.54	<13	PASS
		50	0	6.7	<13	PASS
		1	0	5.52	<13	PASS
		1	24	5.27	<13	PASS
		1	49	6.43	<13	PASS
	НСН	25	0	5.76	<13	PASS
		25	12	5.8	<13	PASS
		25	25	6.36	<13	PASS
		50	0	6.02	<13	PASS

Test Graphs

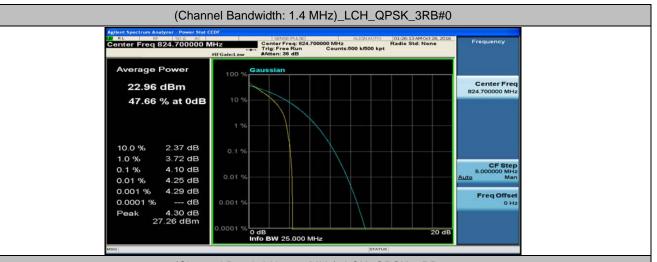
Channel Bandwidth: 1.4 MHz





(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

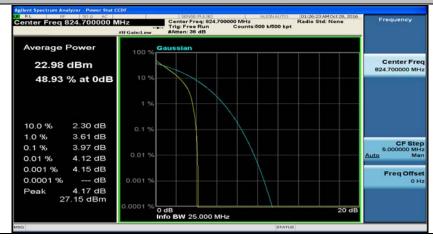


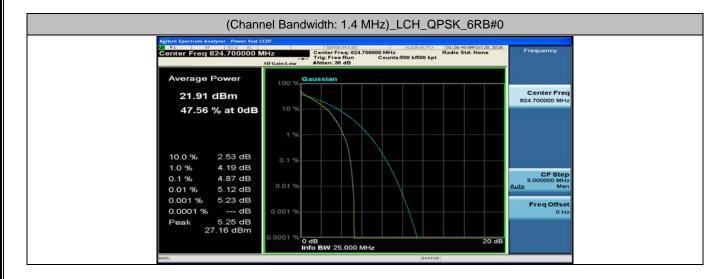


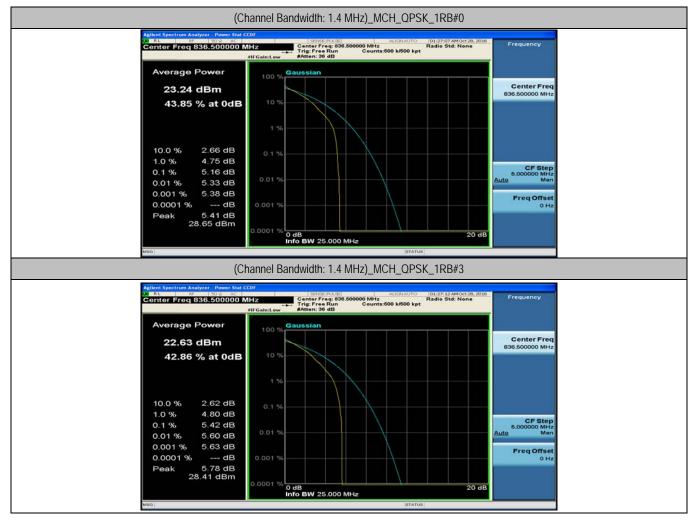
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2

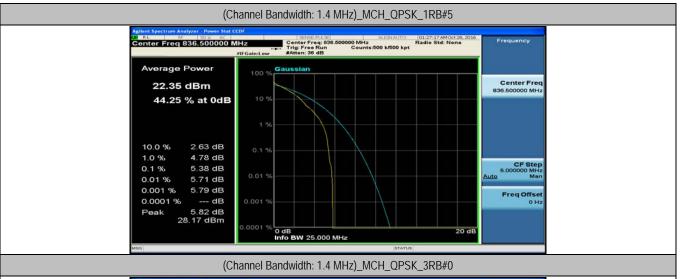


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3





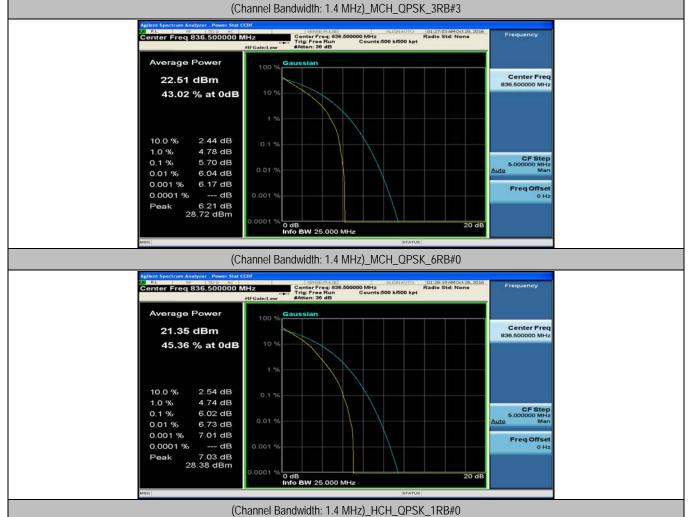






(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_3RB#2







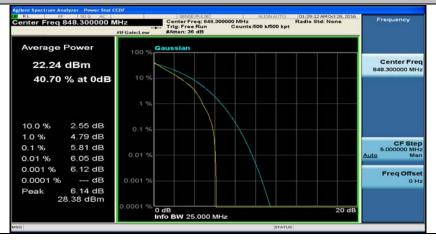


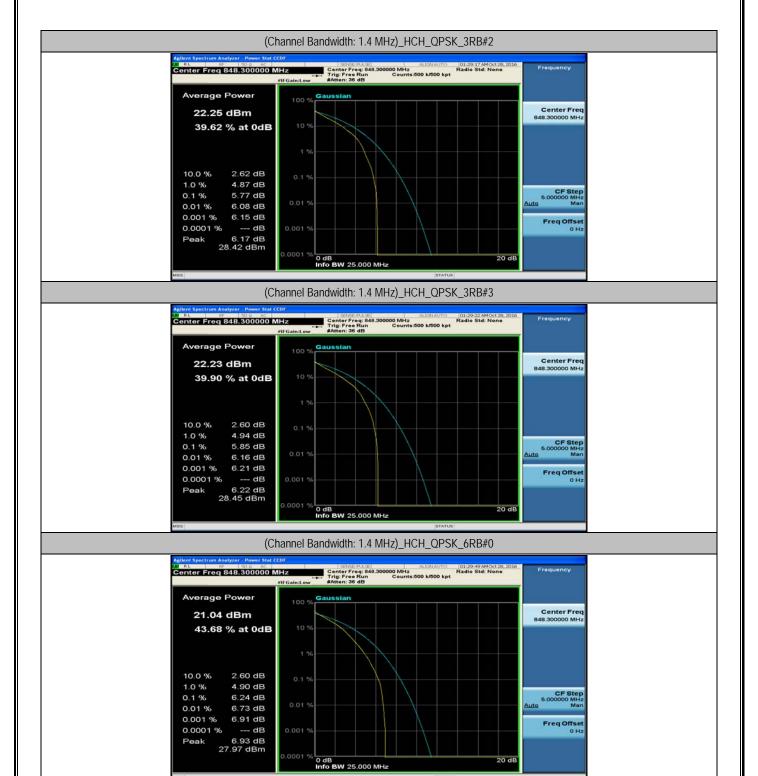
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3 Center Freq: 848.300000 MHz Trig: Free Run Counts:500 k/500 kpt #Atten: 36 dB enter Freq 848.300000 MHz Average Power Center Freq 848.300000 MHz 22.08 dBm 41.97 % at 0dB 10.0 % 2.74 dB 4.82 dB 1.0 % CF Step 5.000000 MHz Man 0.1 % 5.55 dB 6.01 dB 0.01 % 6.07 dB 0.001 % 0.0001 % 6.08 dB 28.16 dBm 0 dB Info BW 25.000 MHz

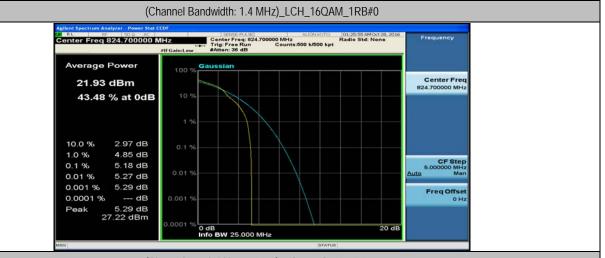
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0



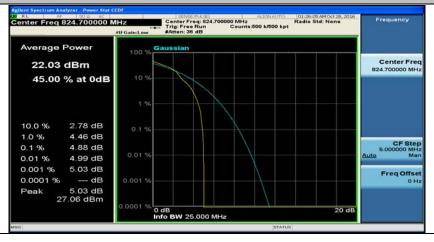




(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



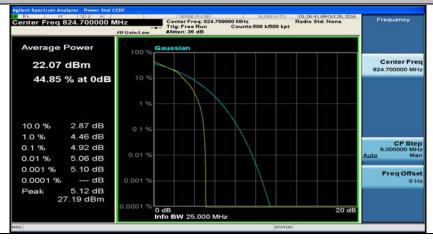
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

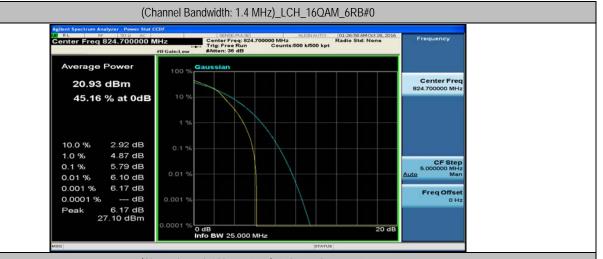






(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3

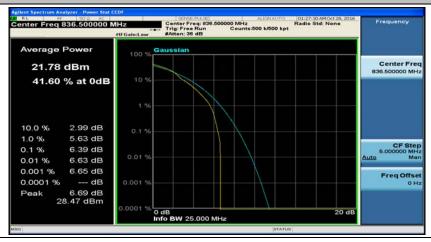


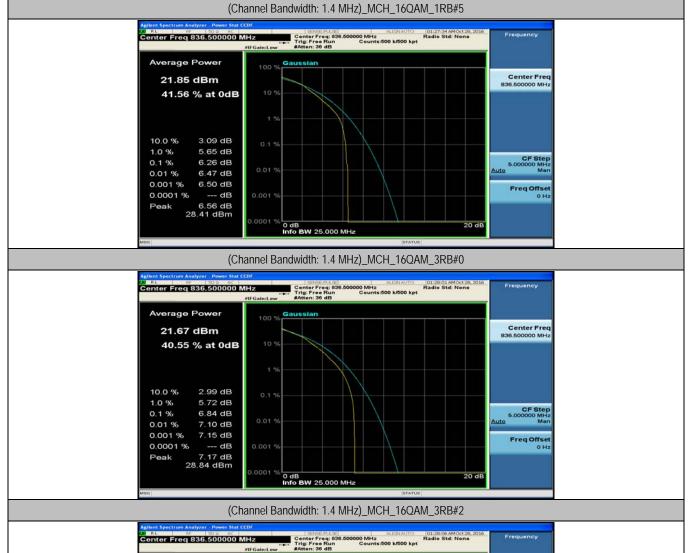


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

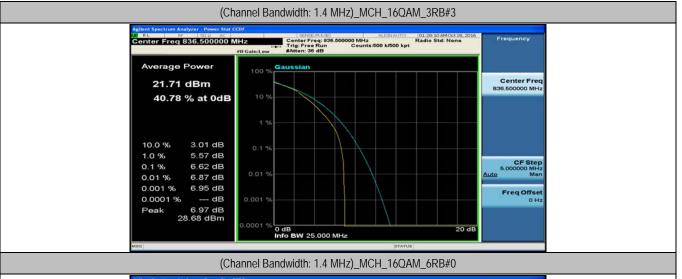


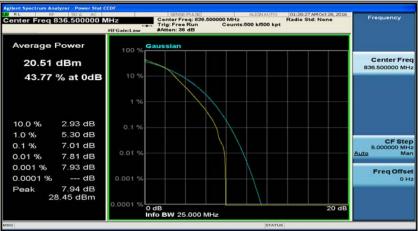
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



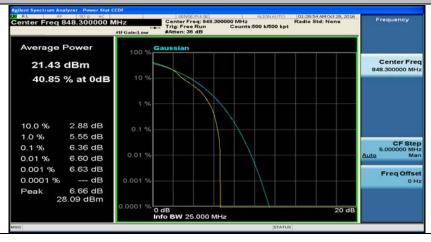


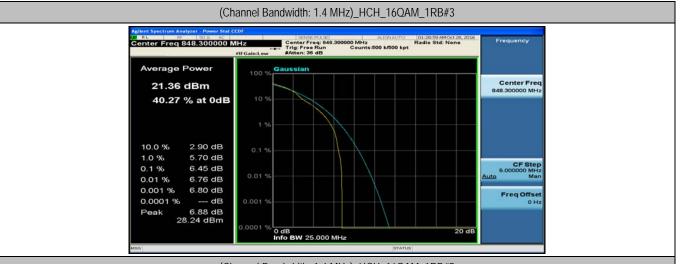
Average Power 21.73 dBm 40.06 % at 0dB 10.0 % 2.96 dB 5.64 dB CF Step 5.000000 MHz Mar 0.1 % 6.72 dB 0.01 % 6.92 dB Freq Offset 0.001 % 6.97 dB 0.0001 % --- dB 6.99 dB 28.72 dBm Peak 0 dB Info BW 25.000 MHz 20 dB

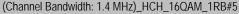




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

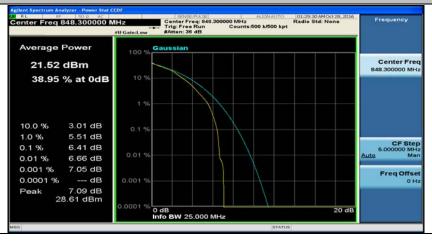


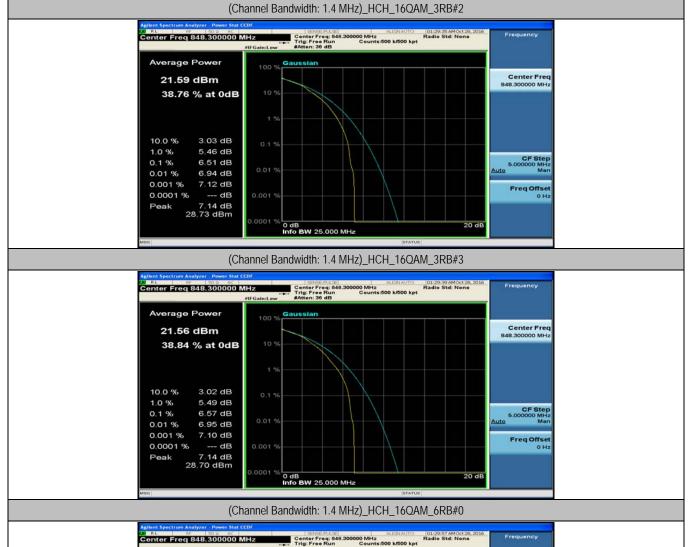






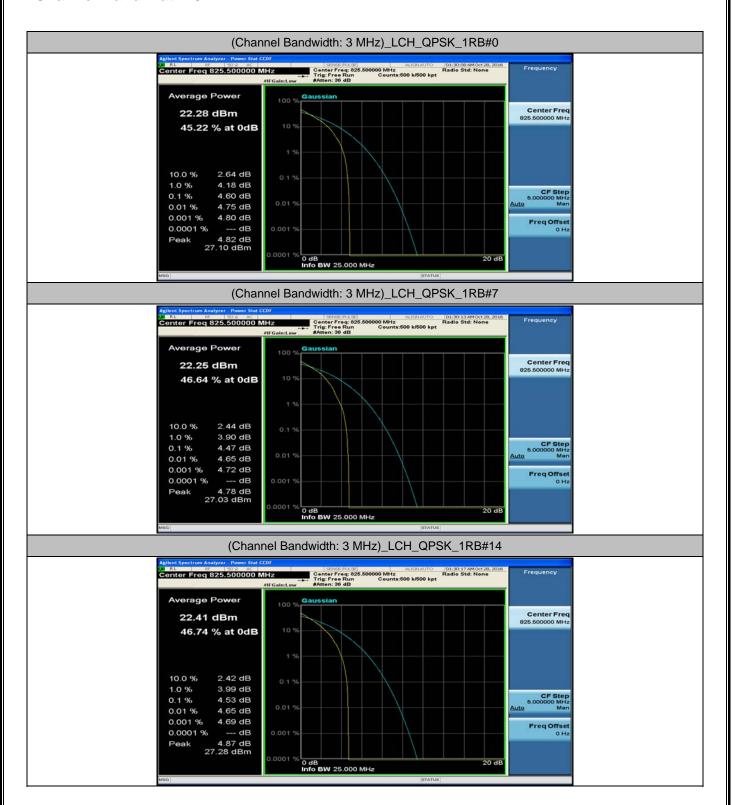
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0







Channel Bandwidth: 3 MHz



CF Step 5.000000 MHz Mar

Freq Offset

10.0 %

0.1 %

Peak

0.01 %

0.001 %

0.0001 %

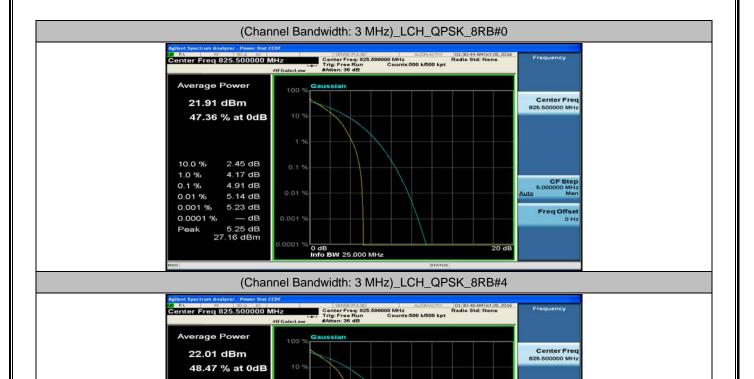
2.40 dB 3.99 dB

4.69 dB

4.95 dB

5.04 dB

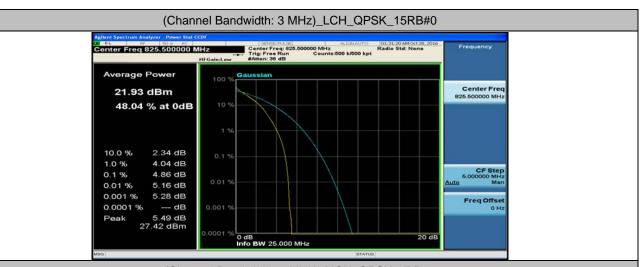
% --- dB 5.06 dB 27.07 dBm 0.01 %





0 dB Info BW 25.000 MHz

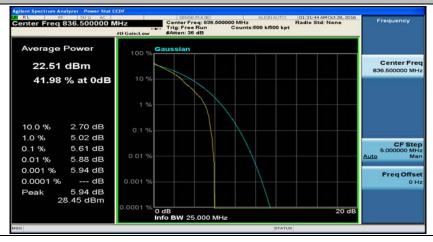


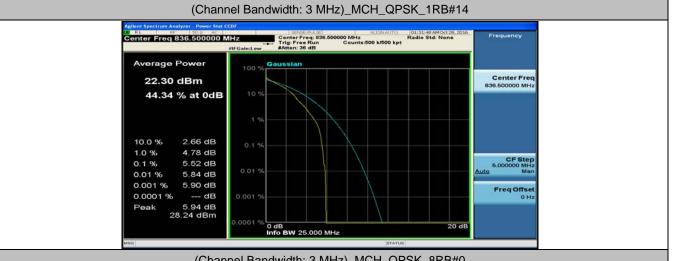


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

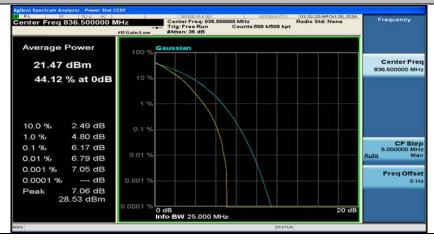


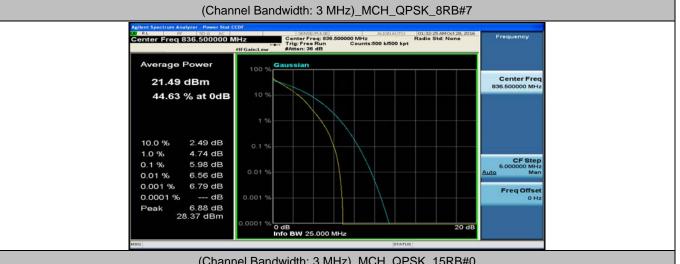


(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_QPSK_8RB#4

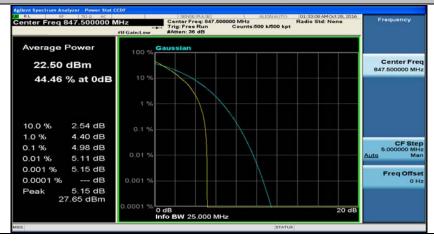




(Channel Bandwidth: 3 MHz)_MCH_QPSK_15RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

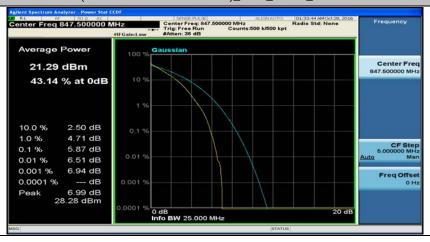


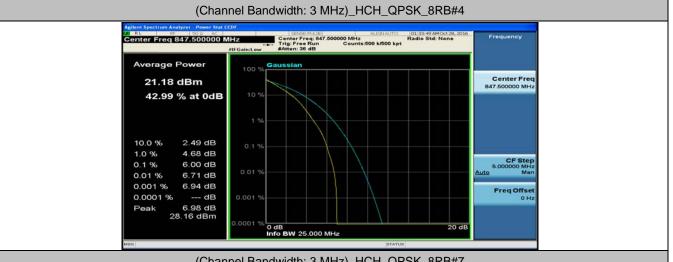
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7 Center Freq 847.500000 MHz Average Power Center Fred 847.500000 MHz 22.15 dBm 43.22 % at 0dB 10.0 % 2.64 dB 4.69 dB 1.0 % CF Step 5.000000 MHz Mar 0.1 % 5.35 dB 0.01 % 5.53 dB 0.001 % 5.55 dB % --- dB 5.74 dB 27.89 dBm 0.0001 % 0.001 9 Peak 0 dB Info BW 25.000 MHz 20 dB

(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

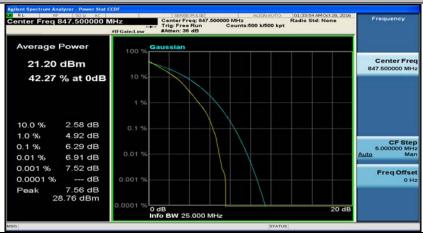


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0

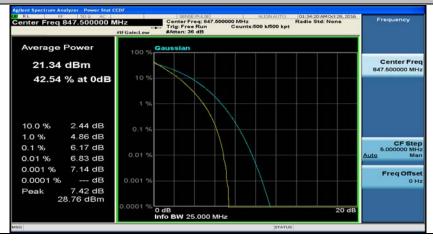


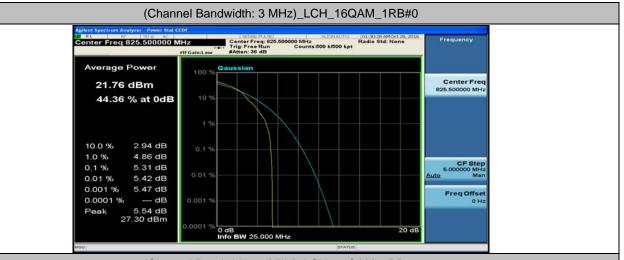


(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

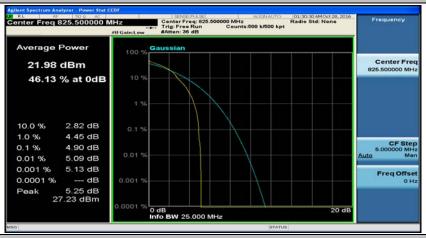


(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0



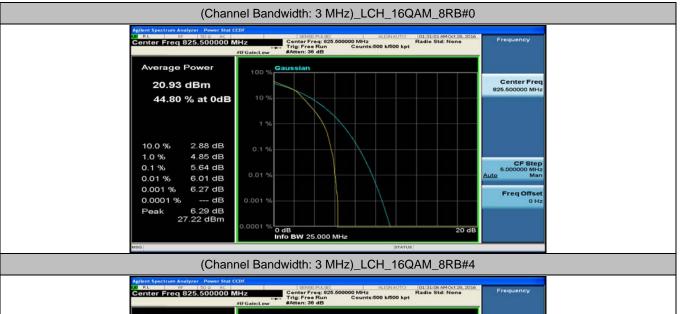


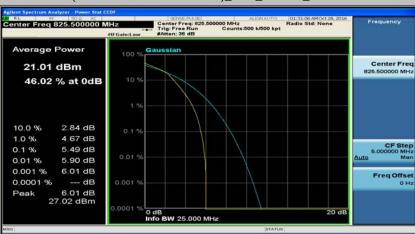
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14







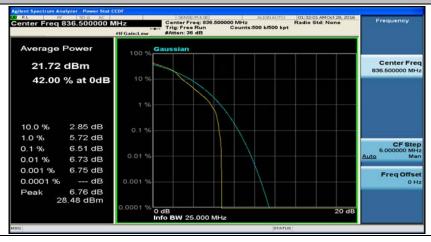




(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

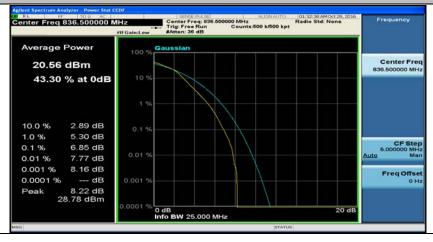




(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#0



(Channel Bandwidth: 3 MHz)_MCH_16QAM_8RB#4

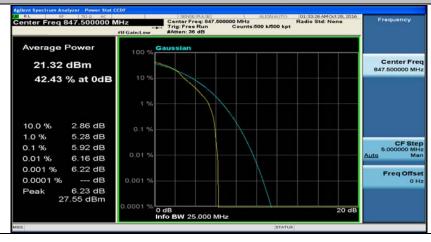




(Channel Bandwidth: 3 MHz)_MCH_16QAM_15RB#0

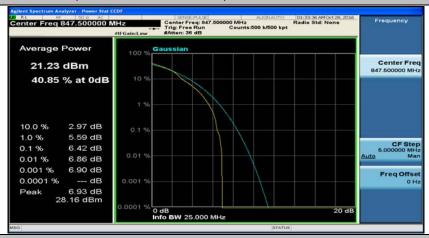


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



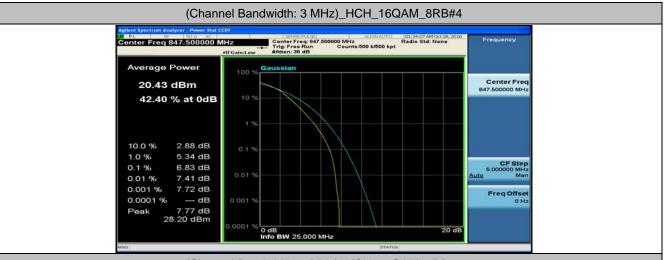
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7 Center Freq 847.500000 MHz Average Power Center Fred 847.500000 MHz 21.44 dBm 41.20 % at 0dB 10.0 % 3.02 dB 5.37 dB 1.0 % CF Step 5.000000 MHz Mar 0.1 % 5.95 dB 0.01 % 6.16 dB 0.001 % 6.23 dB % --- dB 6.25 dB 27.69 dBm 0.0001 % 0.001 9 Peak 0 dB Info BW 25.000 MHz 20 dB

(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0





(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7



(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

