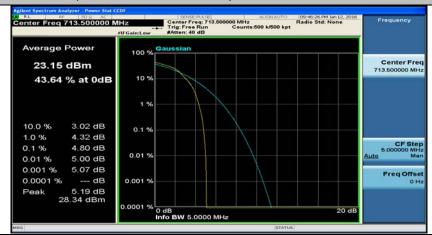
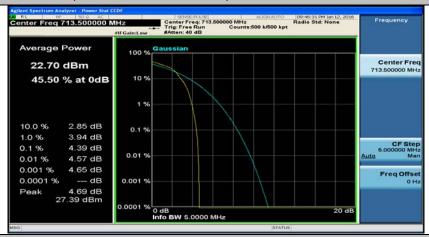
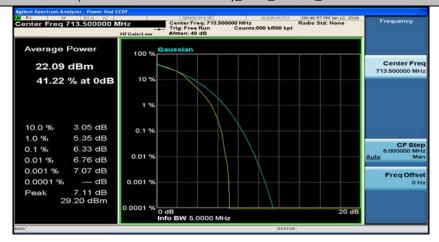
(Channel Bandwidth 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth 5 MHz)_HCH_16QAM_1RB#24

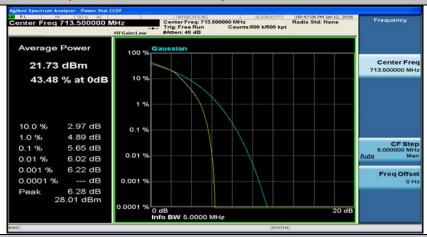


(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#0

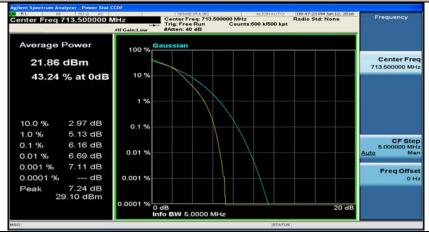


(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#6 nter Freq 713.500000 MHz Average Power 100 % Center Freq 713.500000 MHz 21.96 dBm 41.89 % at 0dB 10 % 10.0 % 3.02 dB 0.1 % 5.19 dB CF Step 5.000000 MHz 0.1 % 6.04 dB 0.01 % 0.01 % 6.38 dB 0.001 % 6.57 dB Freq Offset % --- dB 6.68 dB 28.64 dBm 0.0001 % 0.001 % Peak 0.0001 9 0 dB Info BW 5,0000 MHz

(Channel Bandwidth 5 MHz)_HCH_16QAM_12RB#13

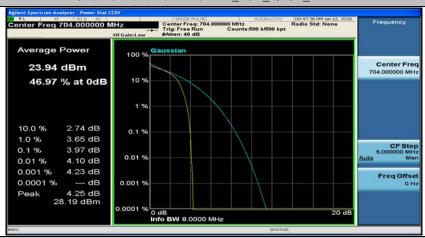


(Channel Bandwidth 5 MHz)_HCH_16QAM_25RB#0

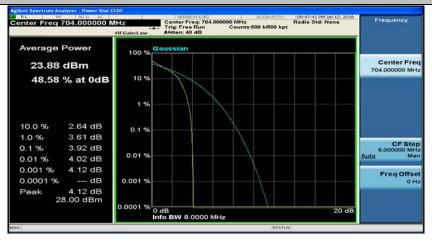


Channel Bandwidth 10 MHz_LCH_QPSK_1RB#0 Center Freq: 704.000000 MHz Trig: Freq Run Counts:500 k/500 kpt Atten: 40 dB Center Freq 704.000000 MHz Average Power Center Freq 704.000000 MHz 23.42 dBm 47.40 % at 0dB 10 % 1 % 10.0 % 2.72 dB 0.1 % 3.78 dB 1.0 % CF Step 5.000000 MHz Mar 4.08 dB 0.1 % 0.01 % 4.21 dB 0.01 % 0.001 % 4.32 dB Freq Offse --- dB 0.0001 % 0.001 % 4.38 dB 27.80 dBm 0.0001 % 0 dB Info BW 8.0000 MHz

Channel Bandwidth 10 MHz LCH_QPSK_1RB#24



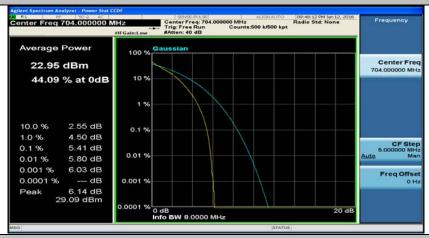
Channel Bandwidth 10 MHz_LCH_QPSK_1RB#49



Channel Bandwidth 10 MHz_LCH_QPSK_25RB#0

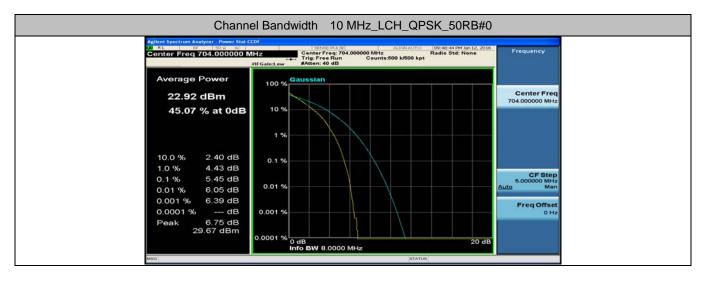


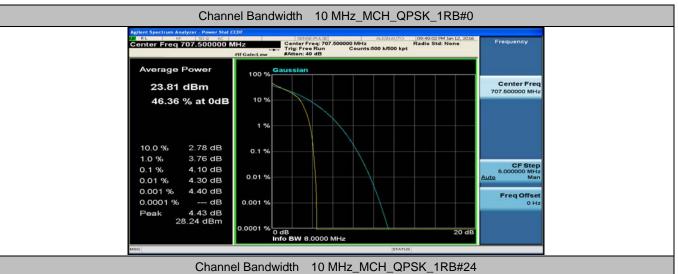
Channel Bandwidth 10 MHz_LCH_QPSK_25RB#12

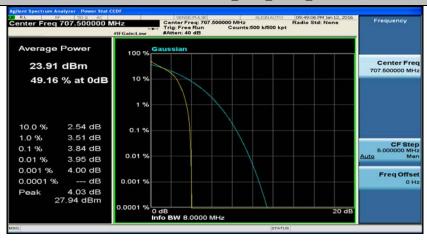


Channel Bandwidth 10 MHz_LCH_QPSK_25RB#25

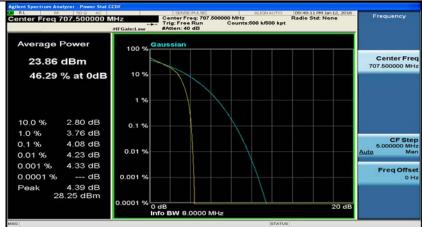




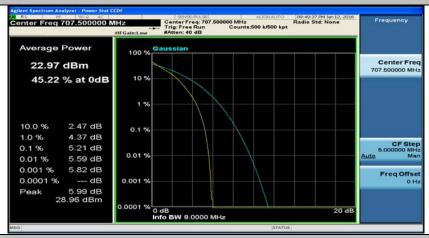




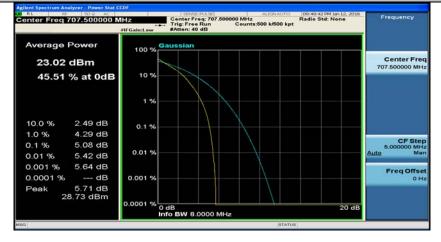
Channel Bandwidth 10 MHz_MCH_QPSK_1RB#49

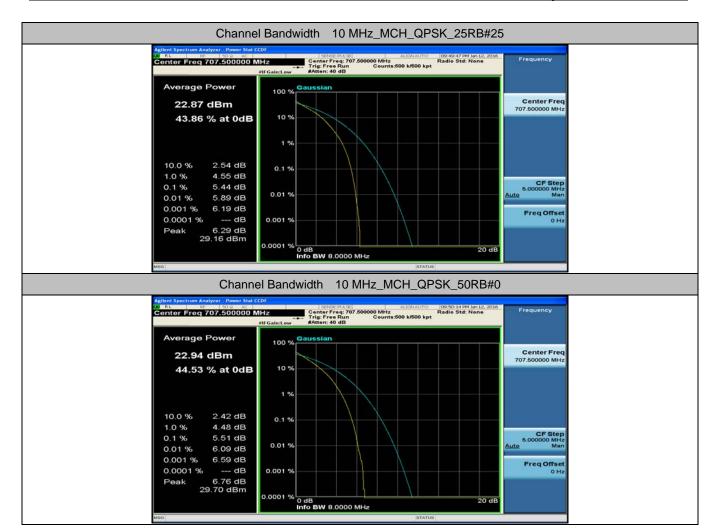


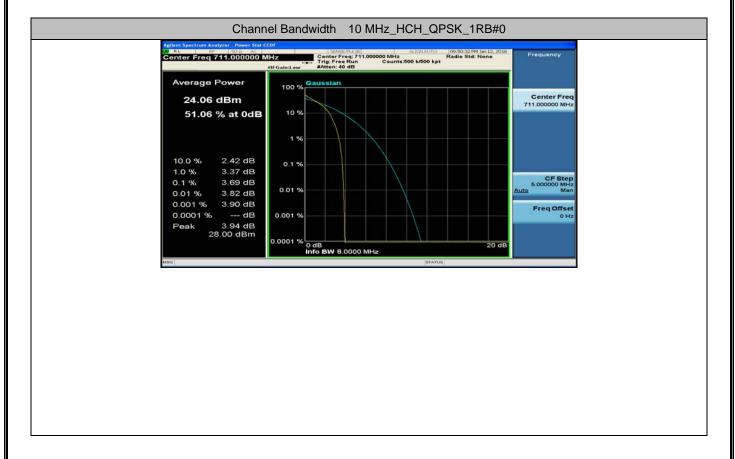
Channel Bandwidth 10 MHz_MCH_QPSK_25RB#0



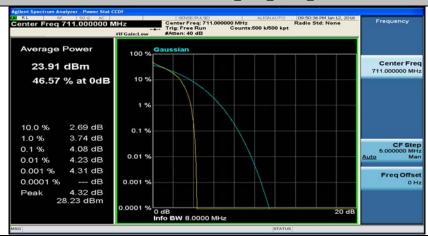
Channel Bandwidth 10 MHz_MCH_QPSK_25RB#12



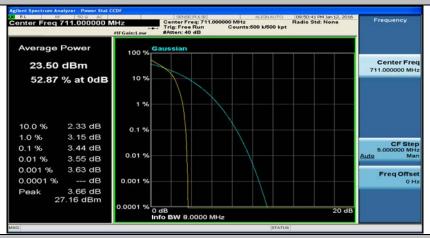




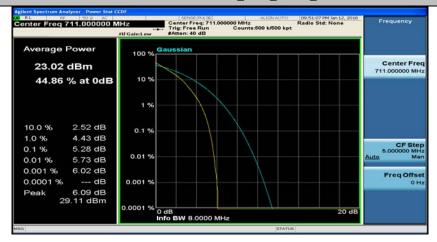
Channel Bandwidth 10 MHz_HCH_QPSK_1RB#24



Channel Bandwidth 10 MHz_HCH_QPSK_1RB#49

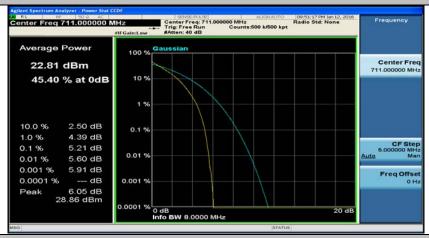


Channel Bandwidth 10 MHz_HCH_QPSK_25RB#0

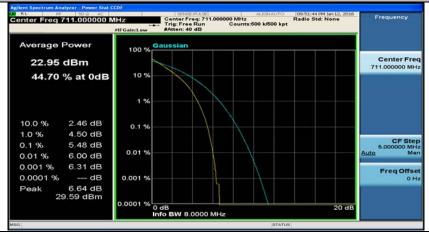


Channel Bandwidth 10 MHz_HCH_QPSK_25RB#12 | Center Freq: 711.000000 MH2 | Radio Std: None | Frig: Free Run | Counts:500 k/500 kpt | Alichaet: 40 dB | Counts:500 k/500 kpt | Counts:500 kp enter Freq 711.000000 MHz Average Power 100 % Center Freq 711.000000 MHz 22.92 dBm 43.03 % at 0dB 10 % 10.0 % 2.59 dB 0.1 % 4.65 dB CF Step 5.000000 MHz 0.1 % 5.53 dB 0.01 % 0.01 % 5.94 dB 0.001 % 6.13 dB Freq Offset % --- dB 6.18 dB 29.10 dBm 0.0001 % 0.001 % Peak 0.0001 9 0 dB Info BW 8.0000 MHz

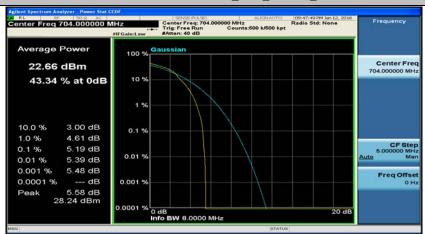
Channel Bandwidth 10 MHz_HCH_QPSK_25RB#25



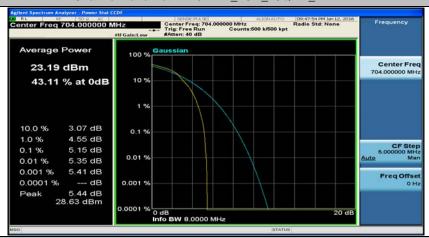
Channel Bandwidth 10 MHz_HCH_QPSK_50RB#0



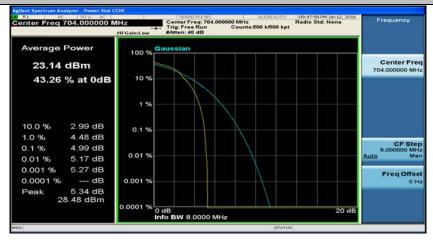
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth 10 MHz_LCH_16QAM_1RB#24



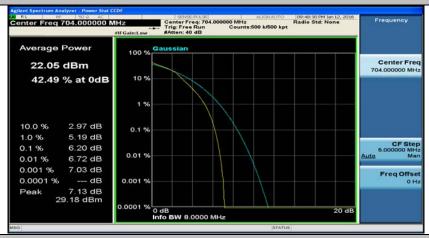
Channel Bandwidth 10 MHz_LCH_16QAM_1RB#49



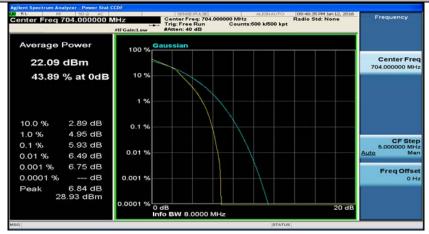
Channel Bandwidth 10 MHz_LCH_16QAM_25RB#0

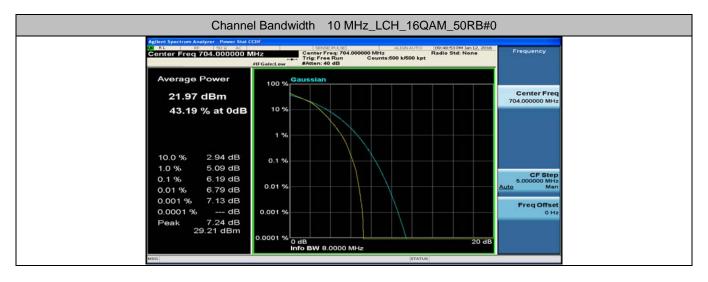


Channel Bandwidth 10 MHz_LCH_16QAM_25RB#12

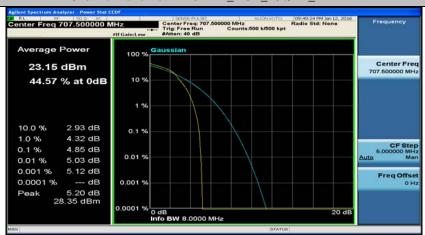


Channel Bandwidth 10 MHz_LCH_16QAM_25RB#25









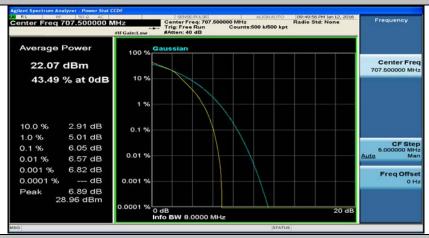
Channel Bandwidth 10 MHz_MCH_16QAM_1RB#49 nter Freq 707.500000 MHz Average Power 100 % Center Freq 707.500000 MHz 23.15 dBm 42.19 % at 0dB 10 % 10.0 % 3.11 dB 4.70 dB CF Step 5.000000 MHz 0.1 % 5.28 dB 0.01 % 0.01 % 5.50 dB 0.001 % 5.59 dB Freq Offset 0.0001 % --- dB 0.001 % 5.66 dB 28.81 dBm

Channel Bandwidth 10 MHz_MCH_16QAM_25RB#0

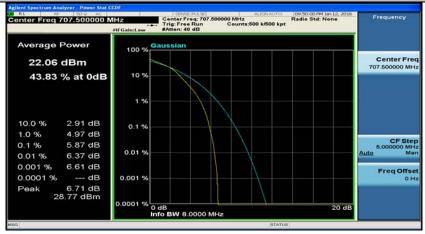
0 dB Info BW 8.0000 MHz

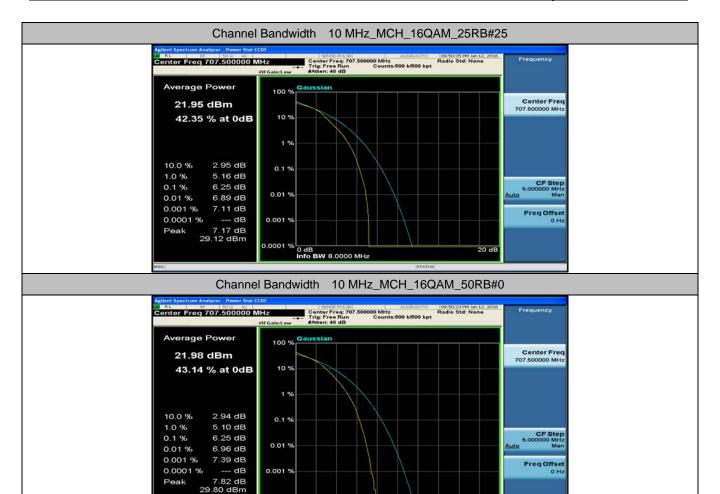
0.0001 9

Peak



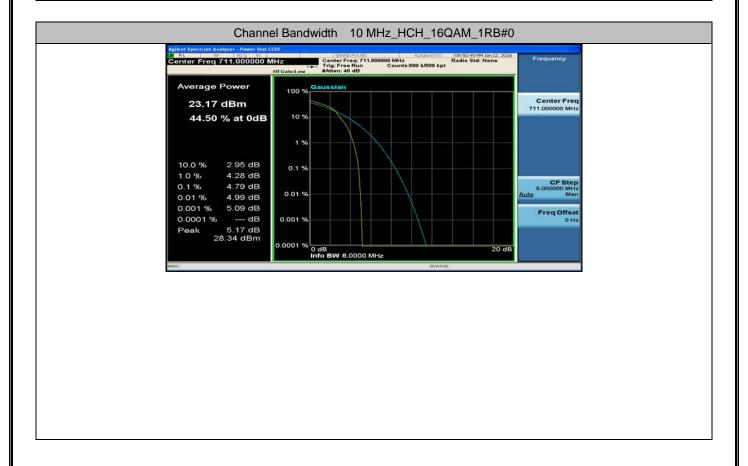
Channel Bandwidth 10 MHz_MCH_16QAM_25RB#12



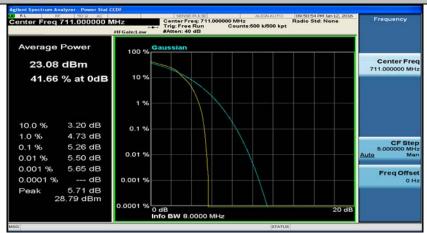


0.0001 %

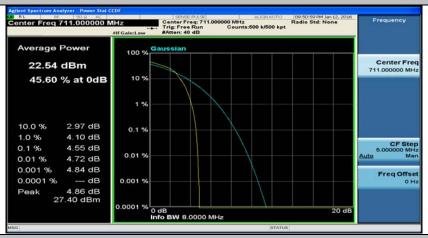
0 dB Info BW 8.0000 MHz 20 dB



Channel Bandwidth 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth 10 MHz_HCH_16QAM_1RB#49

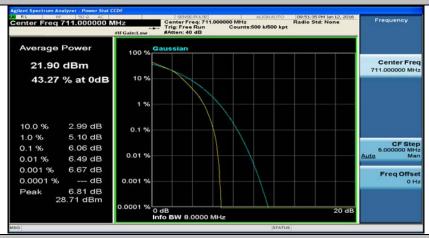


Channel Bandwidth 10 MHz_HCH_16QAM_25RB#0

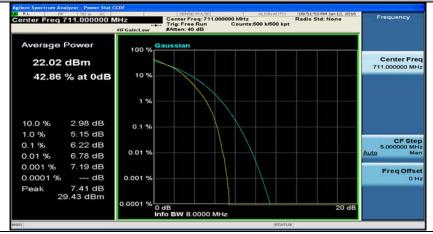


Channel Bandwidth 10 MHz_HCH_16QAM_25RB#12 Center Freq: 711.000000 MHz Trig: Free Run ØAtten: 40 dB nter Freq 711.000000 MHz Average Power 100 % Center Freq 711.000000 MHz 22.00 dBm 41.65 % at 0dB 10 % 10.0 % 3.00 dB 0.1 % 5.29 dB CF Step 5.000000 MHz 0.1 % 6.32 dB 0.01 % 0.01 % 6.81 dB 0.001 % 6.99 dB Freq Offset 0.0001 % --- dB 0.001 % 7.14 dB 29.14 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



D.3: 26dB Bandwidth and Occupied Bandwidth

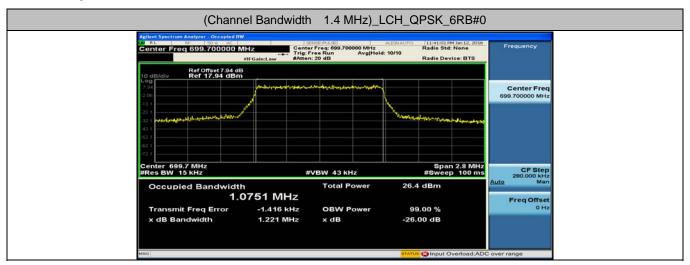
Channel Bandwidth 1.4 MHz							
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict	
		Size	Offset	(MHz)	(MHz)	verdict	
QPSK	LCH	6	0	1.0751	1.221	PASS	
	MCH	6	0	1.0749	1.211	PASS	
	HCH	6	0	1.0776	1.228	PASS	
16QAM	LCH	6	0	1.0809	1.226	PASS	
	MCH	6	0	1.0801	1.224	PASS	
	HCH	6	0	1.0769	1.226	PASS	

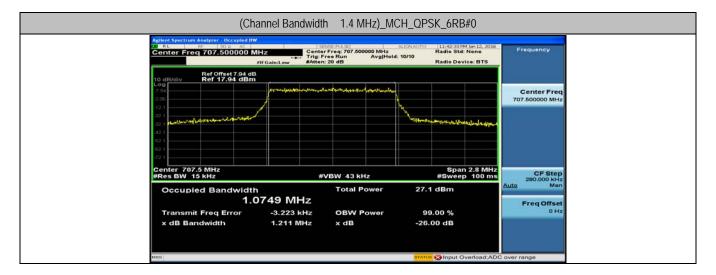
Channel Bandwidth 3 MHz							
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Vardiet	
		Size	Offset	(MHz)	(MHz)	Verdict	
QPSK	LCH	15	0	2.6852	2.869	PASS	
	MCH	15	0	2.6826	2.856	PASS	
	HCH	15	0	2.6848	2.889	PASS	
16QAM	LCH	15	0	2.6854	2.875	PASS	
	MCH	15	0	2.6821	2.881	PASS	
	HCH	15	0	2.6871	2.867	PASS	

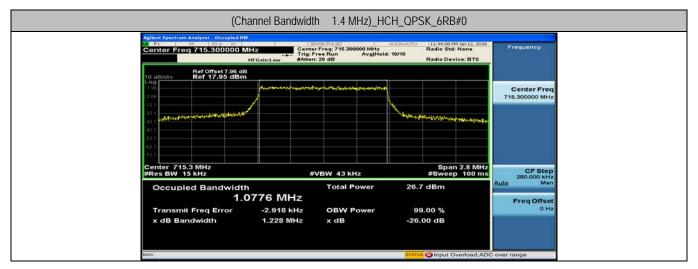
Channel Bandwidth 5 MHz							
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Verdict	
		Size	Offset	(MHz)	(MHz)	verdict	
QPSK	LCH	25	0	4.4866	4.853	PASS	
	MCH	25	0	4.4830	4.837	PASS	
	HCH	25	0	4.4784	4.837	PASS	
16QAM	LCH	25	0	4.4881	4.799	PASS	
	MCH	25	0	4.4745	4.828	PASS	
	HCH	25	0	4.4834	4.807	PASS	

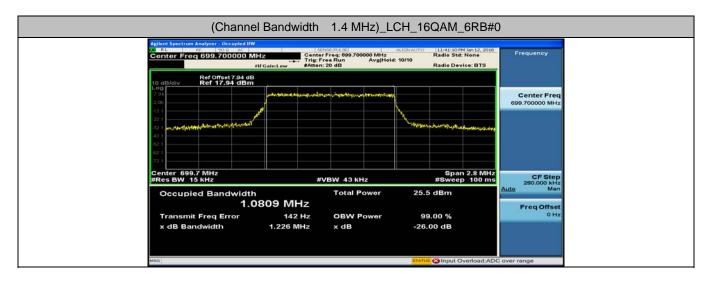
Channel Bandwidth 10 MHz							
Modulation	Channel	RB Configuration		Occupied Bandwidth	26dB Bandwidth	Vardiat	
		Size	Offset	(MHz)	(MHz)	Verdict	
QPSK	LCH	50	0	8.9451	9.553	PASS	
	MCH	50	0	8.9322	9.468	PASS	
	HCH	50	0	8.9473	9.442	PASS	
16QAM	LCH	50	0	8.9473	9.428	PASS	
	MCH	50	0	8.9292	9.461	PASS	
	HCH	50	0	8.9483	9.492	PASS	

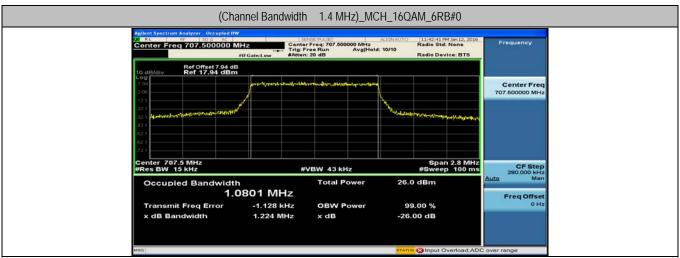
Test Graphs

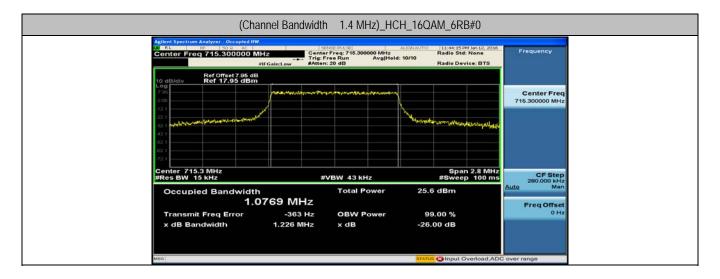


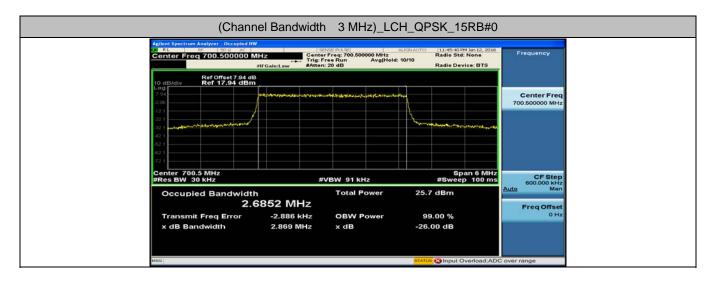


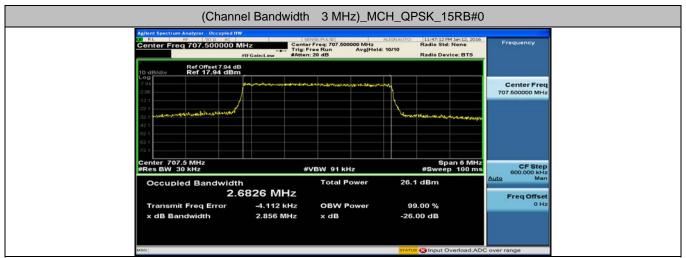


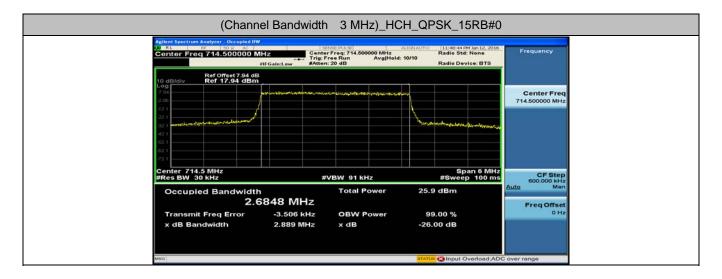


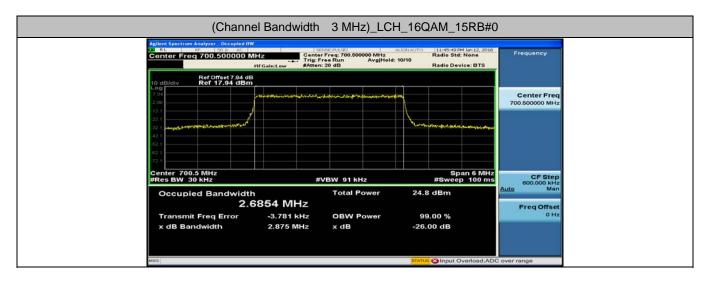


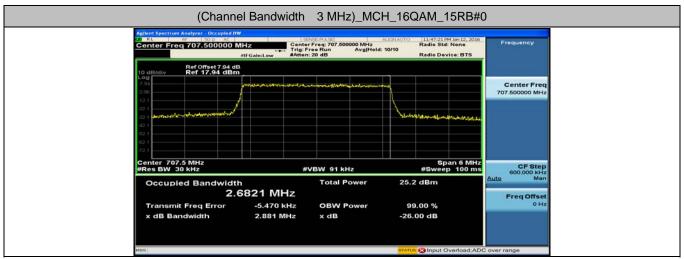


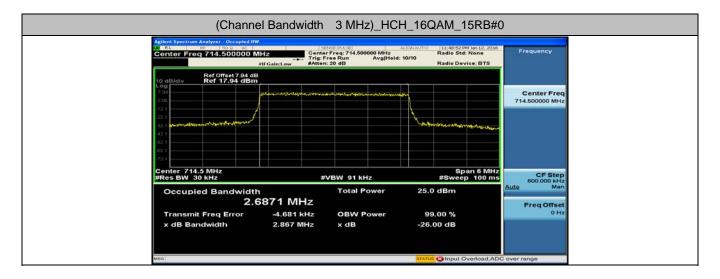


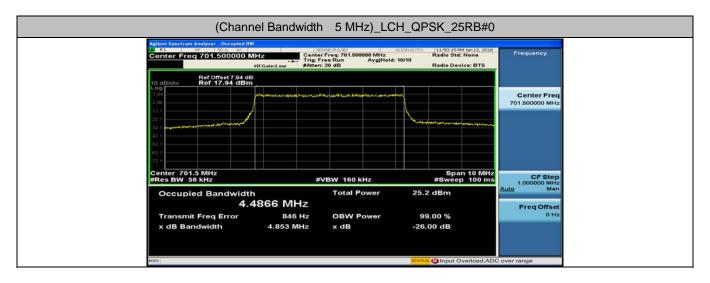


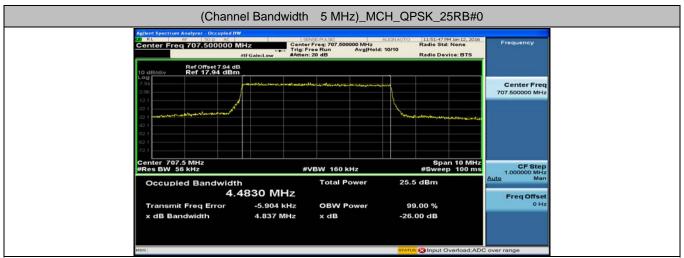


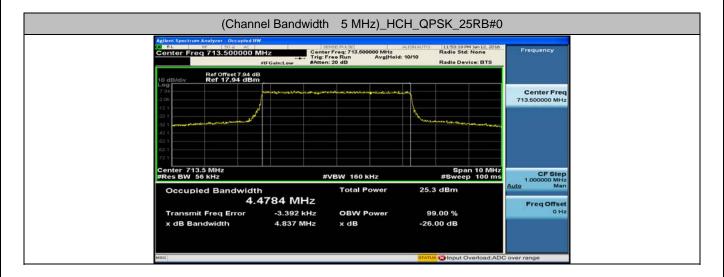


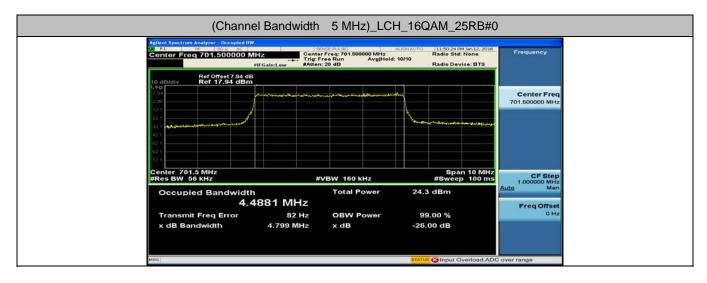


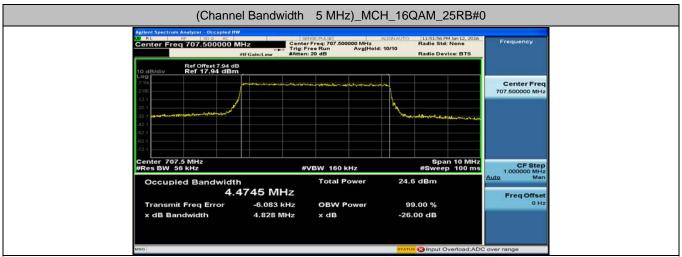


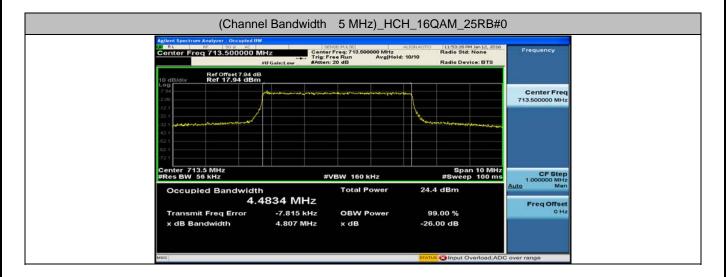


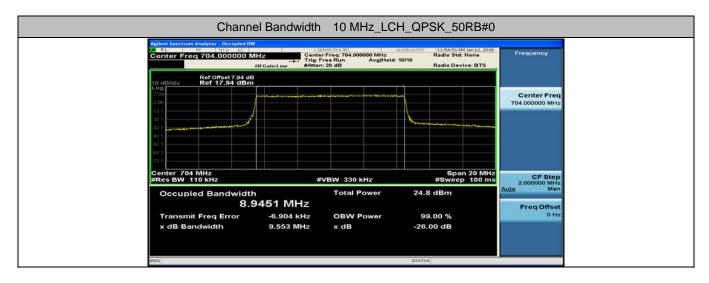


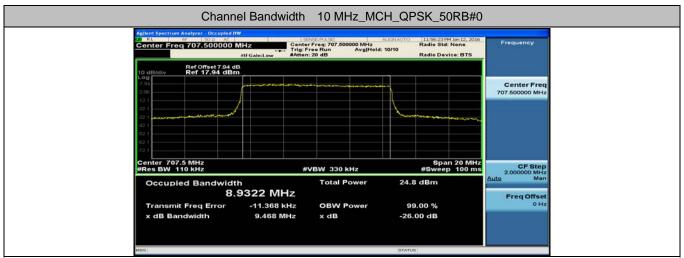


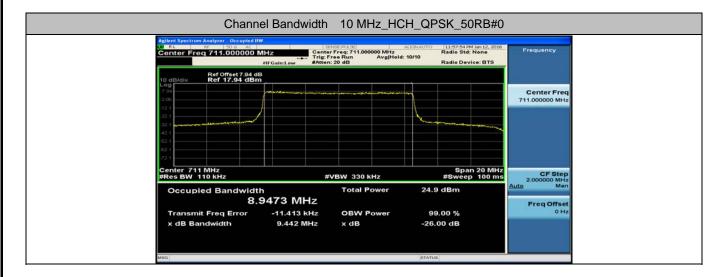


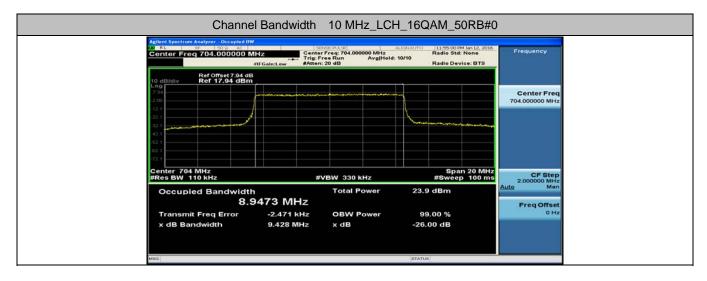


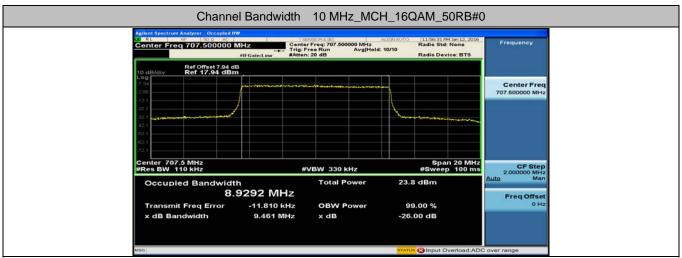


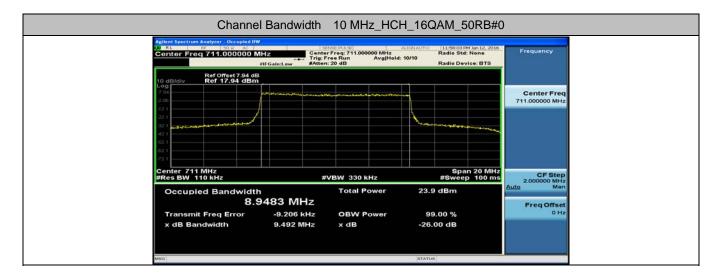




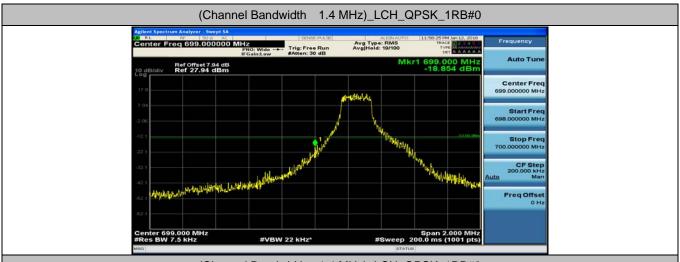








D.4: Band Edge



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_1RB#3



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_1RB#5



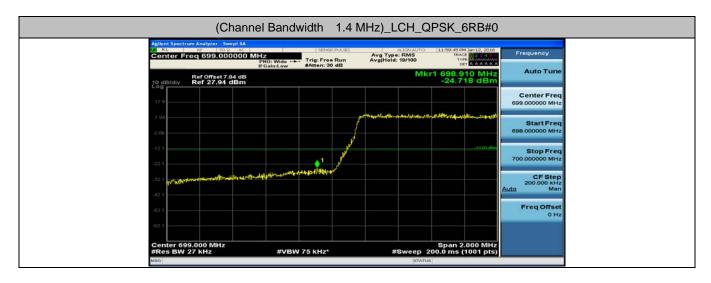
(Channel Bandwidth 1.4 MHz) LCH_QPSK_3RB#0 | Allegar Spectrum Analyzer Swept SA | Spectrum Analyzer Sw

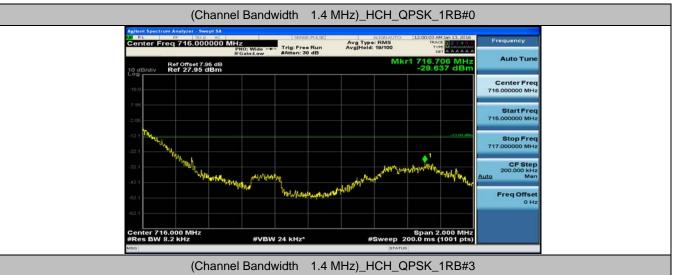
(Channel Bandwidth 1.4 MHz)_LCH_QPSK_3RB#2



(Channel Bandwidth 1.4 MHz)_LCH_QPSK_3RB#3









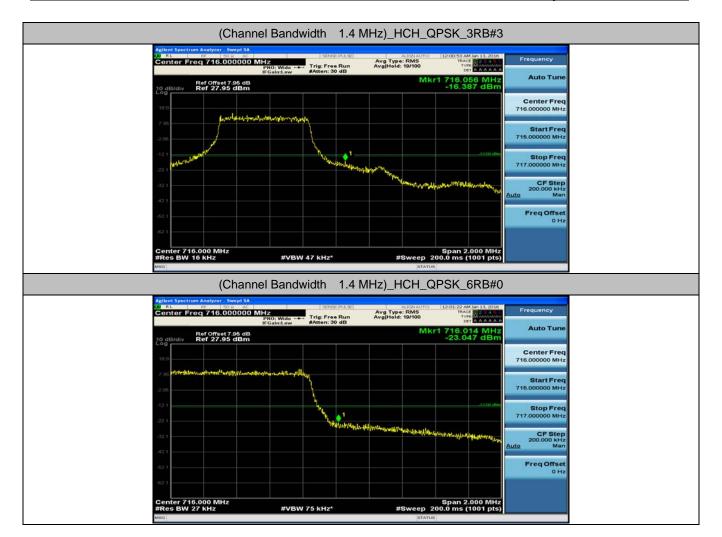
(Channel Bandwidth 1.4 MHz) HCH QPSK_1RB#5 Agilleti Spectrum Analyze Beng 18 100 00 00 MHz Genter Freq 716,000000 MHz Ref 27,95 dBm Ref 27,95 dBm Center Freq 716,0000 MHz Ref 27,95 dBm Center Freq 716,000 MHz Start Freq 716,000 MHz Center 716,000 MHz Start Freq 716,000 MHz Start Freq 716,000 MHz Genter 716,000 MHz Start Freq 716,000 MHz

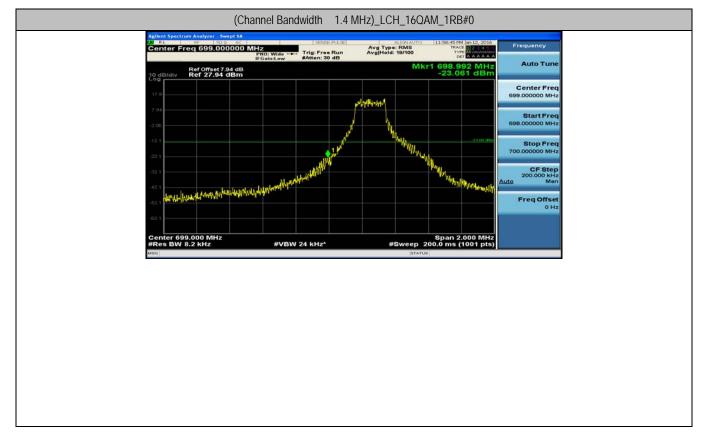
(Channel Bandwidth 1.4 MHz)_HCH_QPSK_3RB#0



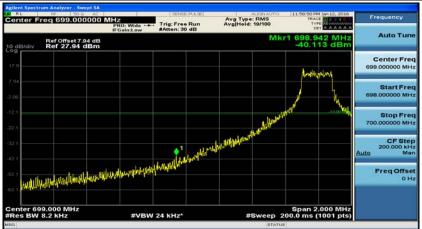
(Channel Bandwidth 1.4 MHz)_HCH_QPSK_3RB#2







(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#0



(Channel Bandwidth 1.4 MHz)_LCH_16QAM_3RB#2 Avg Type: RMS Avg|Hold: 19/100 ter Freq 699,000000 MHz Trig: Free Run -26.743 dBn Ref Offset 7.94 dB Ref 27.94 dBm Start Fred Span 2.000 MHz #Sweep 200.0 ms (1001 pts) #VBW 47 kHz* (Channel Bandwidth 1.4 MHz)_LCH_16QAM_3RB#3 Center Freq 699.000000 MHz Avg Type: RMS Avg|Hold: 19/100 Trig: Free Run Auto Tun Ref Offset 7.94 dB Ref 27.94 dBm CF Step 200,000 kH Freq Offse Span 2.000 MHz #Sweep 200.0 ms (1001 pts) #VBW 47 kHz* (Channel Bandwidth 1.4 MHz)_LCH_16QAM_6RB#0 nter Freq 699.000000 MHz Avg Type: RMS Avg|Hold: 19/100 Trig: Free Run #Atten: 30 dB 698.902 MH -25.679 dBi Ref Offset 7.94 dB Ref 27.94 dBm

#VBW 75 kHz

Span 2.000 MHz #Sweep 200.0 ms (1001 pts)

(Channel Bandwidth 1.4 MHz) HCH 160AM_1RB#0 Applied Specific Analyses Sweet BA Conter Freq 716,000000 MHz PRO (Main 100 MHz) Ref Officet 7.95 dB m Ref 27,05 dB m Ref 27,05 dB m Ref 27,05 dB m Center Freq 716,00000 MHz Start Freq 716,000000 MHz Center Freq 716,000000 MHz Start Freq 716,000000 MHz Start Freq 716,000000 MHz Start Freq 716,000000 MHz Center Freq 716,000000 MHz Start Freq 716,000000 MHz Start Freq 716,000000 MHz Start Freq 716,000000 MHz Center Freq 716,000000 MHz Start Freq 716,000000 MHz

(Channel Bandwidth 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth 1.4 MHz)_HCH_16QAM_1RB#5



(Channel Bandwidth 1.4 MHz) HCH 160AM 3RB#0 Applient Spectrum Analyzer, Sweept 3A (Social Analysis) (

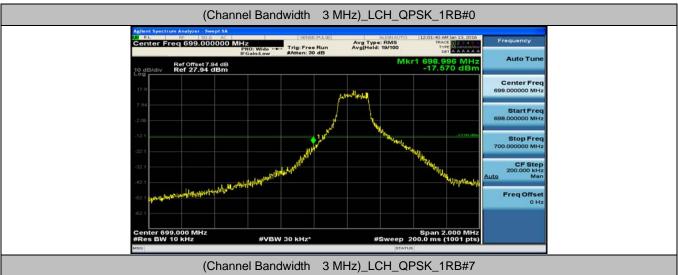
(Channel Bandwidth 1.4 MHz)_HCH_16QAM_3RB#2



(Channel Bandwidth 1.4 MHz)_HCH_16QAM_3RB#3



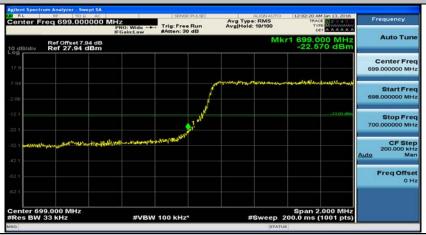






(Channel Bandwidth 3 MHz)_LCH_QPSK_1RB#14 Aptient Spectrum Analyzer Sweat AA Center Freq 699,000000 MHz PPIC: Wide Part Part Analyzer Sweat AA PPIC: Wide Part Part Analyzer Sweat AA Ref 27,94 dBm Ref 27,94 dBm Avg Type: RMS Avg Type:





(Channel Bandwidth 3 MHz)_LCH_QPSK_8RB#4



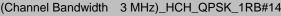




#VBW 180 kHz*

Span 2.000 MHz #Sweep 200.0 ms (1001 pts

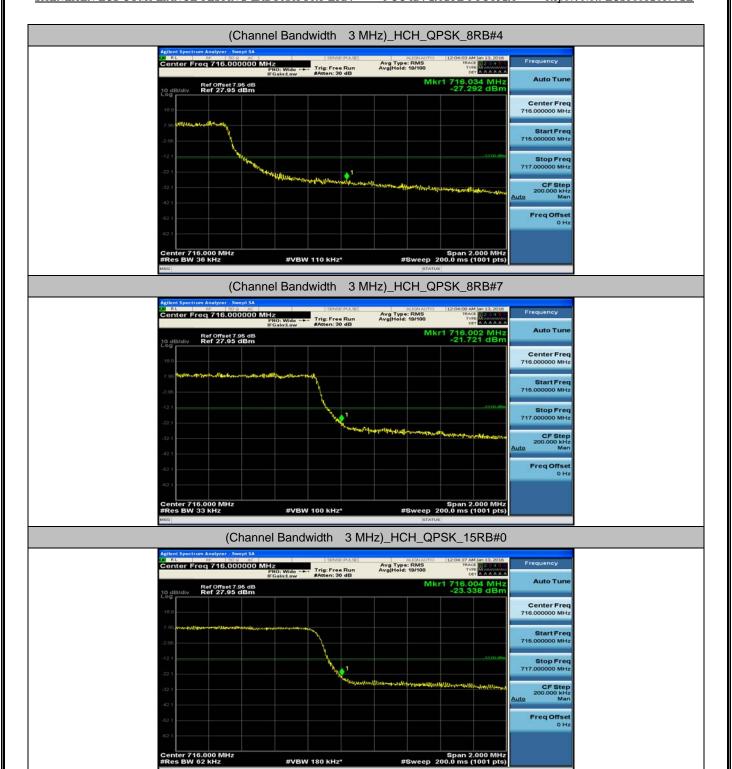
ter 699.000 MHz s BW 62 kHz





(Channel Bandwidth 3 MHz)_HCH_QPSK_8RB#0





(Channel Bandwidth 3 MHz)_LCH_16QAM_1RB#0 Center Freq 699.000000 MHz Avg Type: RMS Avg|Hold: 19/100 Ref Offset 7.94 dB Ref 27.94 dBm Center Fred Span 2.000 MH #Sweep 200.0 ms (1001 pts

(Channel Bandwidth 3 MHz)_LCH_16QAM_1RB#7

#VBW 30 kHz*



(Channel Bandwidth 3 MHz)_LCH_16QAM_1RB#14

