Appendix A.1: Effective (Isotropic) Radiated Power Output Data

Test Result

			Channel	Bandwidth: 1.4 MHz		
Modulati		RB Conf	iguration			
on	Channel	Size	Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict
		1	0	22.49	1	PASS
		1	3	22.44	1	PASS
		1	5	22.49	1	PASS
	LCH	3	0	22.38	1	PASS
		3	2	22.22	1	PASS
		3	3	22.25	1	PASS
		6	0	21.60	1	PASS
		1	0	23.06	1	PASS
		1	3	22.91	1	PASS
		1	5	22.96	1	PASS
QPSK	MCH	3	0	22.78	1	PASS
		3	2	22.95	1	PASS
		3	3	23.00	1	PASS
		6	0	22.11	1	PASS
		1	0	21.50	1	PASS
		1	3	21.18	1	PASS
		1	5	21.19	1	PASS
	HCH	3	0	21.49	1	PASS
		3	2	21.31	1	PASS
		3	3	21.24	1	PASS
		6	0	20.64	1	PASS
		1	0	21.43	1	PASS
		1	3	21.42	1	PASS
		1	5	21.44	1	PASS
	LCH	3	0	21.42	1	PASS
		3	2	21.37	1	PASS
16QAM		3	3	21.35	1	PASS
		6	0	20.46	1	PASS
		1	0	22.00	1	PASS
	MCH	1	3	22.15	1	PASS
	IVICH	1	5	22.14	1	PASS
		3	0	21.78	1	PASS

		3	2	21.70	1	PASS
		3	3	21.80	1	PASS
		6	0	21.92	1	PASS
		1	0	20.83	1	PASS
		1	3	20.58	1	PASS
		1	5	20.56	1	PASS
	HCH	3	0	20.67	1	PASS
		3	2	20.51	1	PASS
		3	3	20.48	1	PASS
		6	0	19.91	1	PASS

			Cha	annel Bandwidth: 3 MHz		
Modulation	Channel		RB juration Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict
		1	0	21.98	1	PASS
		1	7	22.01	1	PASS
		1	14	22.12	1	PASS
	LCH	8	0	21.52	1	PASS
		8	4	21.49	1	PASS
		8	7	21.43	1	PASS
		15	0	21.45	1	PASS
		1	0	22.80	1	PASS
		1	7	22.66	1	PASS
		1	14	22.62	1	PASS
QPSK	MCH	8	0	22.10	1	PASS
		8	4	22.17	1	PASS
		8	7	22.18	1	PASS
		15	0	22.07	1	PASS
		1	0	21.85	1	PASS
		1	7	21.37	1	PASS
		1	14	21.04	1	PASS
	HCH	8	0	21.06	1	PASS
		8	4	21.81	1	PASS
		8	7	21.64	1	PASS
		15	0	20.87	1	PASS
		1	0	21.39	1	PASS
		1	7	21.42	1	PASS
16QAM	LCH	1	14	21.36	1	PASS
		8	0	20.49	1	PASS
		8	4	20.48	1	PASS

		8	7	20.52	1	PASS
		15	0	20.57	1	PASS
		1	0	21.99	1	PASS
		1	7	21.88	1	PASS
		1	14	22.00	1	PASS
	MCH	8	0	21.03	1	PASS
		8	4	21.09	1	PASS
		8	7	21.08	1	PASS
		15	0	21.95	1	PASS
		1	0	21.27	1	PASS
		1	7	20.81	1	PASS
		1	14	20.54	1	PASS
	HCH	8	0	20.41	1	PASS
		8	4	20.94	1	PASS
		8	7	20.81	1	PASS
		15	0	21.01	1	PASS

			Channe	el Bandwidth: 5 MHz		
Modulation	Channel	RB Con	figuration Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict
		1	0	22.06		PASS
		1	12	21.90	/	PASS
		1	24	22.16	1	PASS
	LCH	12	0	21.45	1	PASS
		12	6	21.43	1	PASS
		12	13	21.45	1	PASS
		25	0	21.44	1	PASS
	МСН	1	0	22.73	1	PASS
		1	12	22.38	1	PASS
		1	24	22.44	1	PASS
QPSK		12	0	22.01	1	PASS
		12	6	21.89	1	PASS
		12	13	21.87	1	PASS
		25	0	21.93	1	PASS
		1	0	21.13	1	PASS
		1	12	21.23	1	PASS
		1	24	20.96	1	PASS
	HCH	12	0	20.91	1	PASS
		12	6	20.51	1	PASS
		12	13	20.58	1	PASS
		25	0	20.53	1	PASS

		1	0	21.48	1	PASS
		1	12	21.34	1	PASS
		1	24	21.43	1	PASS
	LCH	12	0	20.59	1	PASS
		12	6	20.52	1	PASS
		12	13	20.58	1	PASS
		25	0	20.34	1	PASS
		1	0	22.09	1	PASS
		1	12	21.85	1	PASS
	МСН	1	24	21.96	1	PASS
16QAM		12	0	21.39	1	PASS
		12	6	21.10	1	PASS
		12	13	21.10	1	PASS
		25	0	21.96	1	PASS
		1	0	21.19	1	PASS
		1	12	20.30	1	PASS
		1	24	20.30	1	PASS
	HCH	12	0	20.35	1	PASS
		12	6	20.65	1	PASS
		12	13	20.34	1	PASS
		25	0	20.61	1	PASS
		25	0	20.61	1	

Channel Bandwidth: 10 MHz									
Modulation	Channel	RB Conf	iguration Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict			
		1	0	21.47	1	PASS			
		1	24	21.63	1	PASS			
		1	49	20.91	1	PASS			
	LCH	25	0	21.34	1	PASS			
		25	12	21.19	1	PASS			
		25	25	20.82	1	PASS			
		50	0	21.09	1	PASS			
QPSK		1	0	22.02	1	PASS			
QFSK		1	24	22.17	1	PASS			
		1	49	21.42	1	PASS			
	MCH	25	0	21.66	1	PASS			
		25	12	21.67	1	PASS			
		25	25	21.41	1	PASS			
		50	0	21.57	1	PASS			
	HCH	1	0	21.32	1	PASS			
	поп	1	24	21.39	1	PASS			

		1	49	20.94	1	PASS
		25	0	20.84	1	PASS
		25	12	20.72	1	PASS
		25	25	20.50	1	PASS
		50	0	20.64	1	PASS
		1	0	20.91	1	PASS
		1	24	21.10	1	PASS
		1	49	20.30	1	PASS
	LCH	25	0	20.38	1	PASS
		25	12	20.25	1	PASS
		25	25	20.91	1	PASS
		50	0	20.13	1	PASS
		1	0	21.41	1	PASS
		1	24	21.61	1	PASS
		1	49	20.87	1	PASS
16QAM	MCH	25	0	20.74	1	PASS
		25	12	20.76	1	PASS
		25	25	20.62	1	PASS
		50	0	20.66	1	PASS
		1	0	20.79	1	PASS
		1	24	20.87	1	PASS
		1	49	20.44	1	PASS
	HCH	25	0	20.03	1	PASS
		25	12	20.93	1	PASS
		25	25	20.43	1	PASS
		50	0	20.79	1	PASS

Channel Bandwidth: 15 MHz									
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict			
Woddiation	Orialino	Size	Offset	Average i ower [ubiii]	L.I.I.p [dDIII]	verdict			
		1	0	21.62	1	PASS			
		1	37	21.40	1	PASS			
	LCH	1	74	20.90	1	PASS			
		37	0	21.27	1	PASS			
		37	18	20.89	1	PASS			
QPSK		37	38	20.87	1	PASS			
		75	0	20.85	1	PASS			
		1	0	21.97	1	PASS			
	MCH	1	37	22.15	1	PASS			
	MCH	1	74	21.49	1	PASS			
		37	0	21.62	1	PASS			

		37	18	21.71	1	PASS
		37	38	21.43	1	PASS
		75	0	21.59	1	PASS
		1	0	21.31	1	PASS
		1	37	21.62	1	PASS
		1	74	20.69	1	PASS
	HCH	37	0	20.78	1	PASS
		37	18	20.89	1	PASS
		37	38	20.63	1	PASS
		75	0	20.73	1	PASS
		1	0	21.06	1	PASS
		1	37	20.80	1	PASS
		1	74	20.26	1	PASS
	LCH	37	0	20.36	1	PASS
		37	18	20.32	1	PASS
		37	38	20.47	1	PASS
		75	0	20.95	1	PASS
		1	0	21.42	1	PASS
		1	37	21.64	1	PASS
		1	74	21.02	1	PASS
16QAM	MCH	37	0	20.74	1	PASS
		37	18	20.82	1	PASS
		37	38	20.66	1	PASS
		75	0	20.69	1	PASS
		1	0	20.69	1	PASS
		1	37	21.05	1	PASS
		1	74	20.90	1	PASS
	HCH	37	0	20.95	1	PASS
		37	18	20.09	1	PASS
		37	38	20.81	1	PASS
		75	0	20.90	1	PASS

Channel Bandwidth: 20 MHz									
Modulation	Channel	RB Conf	iguration	Average Power [dBm]	E.i.r.p [dBm]	Verdict			
Woddiation	O I di II Ci	Size	Offset	/Werage rower [abin]	Lilip [dbiii]	Volunce			
		1	0	21.98	1	PASS			
		1	49	21.50	1	PASS			
QPSK		1	99	21.40	1	PASS			
QPSK	LCH	50	0	21.40	1	PASS			
		50	25	21.80	1	PASS			
		50	50	21.40	1	PASS			

	1	1		I	I	
		100	0	21.95	1	PASS
		1	0	22.11	1	PASS
		1	49	22.50	1	PASS
		1	99	21.50	1	PASS
	MCH	50	0	21.68	1	PASS
		50	25	21.80	1	PASS
		50	50	21.56	1	PASS
		100	0	21.57	1	PASS
		1	0	21.75	1	PASS
		1	49	21.74	1	PASS
		1	99	20.84	1	PASS
	нсн	50	0	20.80	1	PASS
		50	25	20.80	1	PASS
		50	50	20.86	1	PASS
		100	0	20.86	1	PASS
		1	0	21.32	1	PASS
		1	49	20.75	1	PASS
		1	99	20.66	1	PASS
	LCH	50	0	20.36	1	PASS
		50	25	20.86	1	PASS
		50	50	20.47	1	PASS
		100	0	21.00	1	PASS
		1	0	21.37	1	PASS
		1	49	21.85	1	PASS
		1	99	20.86	1	PASS
16QAM	MCH	50	0	21.75	1	PASS
		50	25	21.45	1	PASS
		50	50	21.54	1	PASS
		100	0	21.67	1	PASS
		1	0	21.16	1	PASS
		1	49	21.14	1	PASS
		1	99	20.10	1	PASS
	нсн	50	0	20.84	1	PASS
		50	25	20.95	1	PASS
		50	50	20.86	1	PASS
		100	0	20.77	1	PASS

Appendix A.2: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz										
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict				
	Criainie	Size	Offset	(dB)	(dB)	verdict				
	LCH	6	0	3.99	<13	PASS				
QPSK	MCH	6	0	3.85	<13	PASS				
	HCH	6	0	4.4	<13	PASS				
	LCH	6	0	4.74	<13	PASS				
16QAM	MCH	6	0	4.76	<13	PASS				
	HCH	6	0	5.1	<13	PASS				

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz									
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Verdict			
	Channel	Size	Offset	[dB]	[dB]	verdict			
	LCH	15	0	4.3	<13	PASS			
QPSK	MCH	15	0	4.31	<13	PASS			
	HCH	15	0	4.62	<13	PASS			
	LCH	15	0	5.14	<13	PASS			
16QAM	MCH	15	0	5.16	<13	PASS			
	HCH	15	0	5.31	<13	PASS			

Channel Bandwidth: 5 MHz										
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Vordict				
	Chamilei	Size	Offset	[dB]	[dB]	Verdict				
	LCH	25	0	4.3	<13	PASS				
QPSK	MCH	25	0	4.38	<13	PASS				
	HCH	25	0	4.7	<13	PASS				
	LCH	25	0	5.06	<13	PASS				
16QAM	MCH	25	0	5.13	<13	PASS				
	HCH	25	0	5.45	<13	PASS				

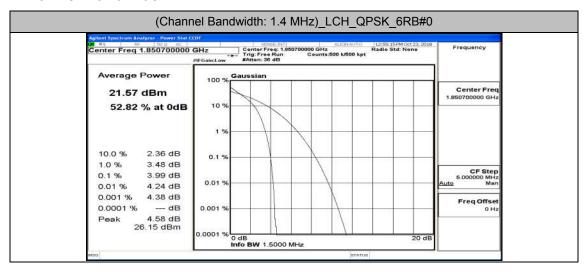
Channel Bandwidth: 10 MHz										
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict				
	Cilailibi	Size	Offset	[dB]	[dB]	verdict				
	LCH	50	0	4.56	<13	PASS				
QPSK	MCH	50	0	4.66	<13	PASS				
	HCH	50	0	4.98	<13	PASS				
	LCH	50	0	5.32	<13	PASS				
16QAM	MCH	50	0	5.36	<13	PASS				
	HCH	50	0	5.73	<13	PASS				

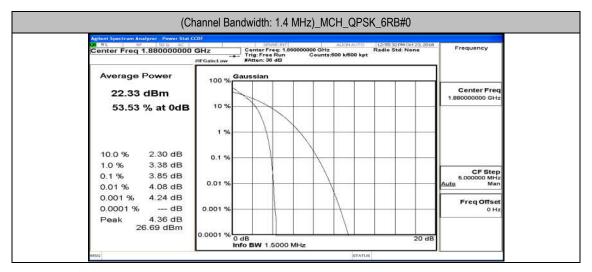
Channel Bandwidth: 15 MHz

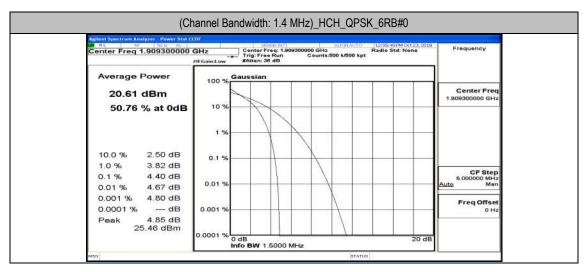
Channel Bandwidth: 15 MHz										
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Verdict				
	Channel	Size	Offset	[dB]	[dB]	verdict				
	LCH	75	0	4.92	<13	PASS				
QPSK	MCH	75	0	4.94	<13	PASS				
	HCH	75	0	4.96	<13	PASS				
	LCH	75	0	6.05	<13	PASS				
16QAM	MCH	75	0	6.01	<13	PASS				
	HCH	75	0	6.15	<13	PASS				

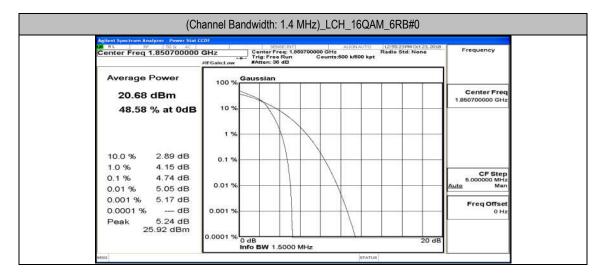
Channel Bandwidth: 20 MHz									
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Verdict			
	Chamilei	Size	Offset	[dB]	[dB]				
	LCH	100	0	5.81	<13	PASS			
QPSK	MCH	100	0	5.72	<13	PASS			
	HCH	100	0	5.79	<13	PASS			
	LCH	100	0	6.72	<13	PASS			
16QAM	MCH	100	0	6.62	<13	PASS			
	HCH	100	0	6.7	<13	PASS			

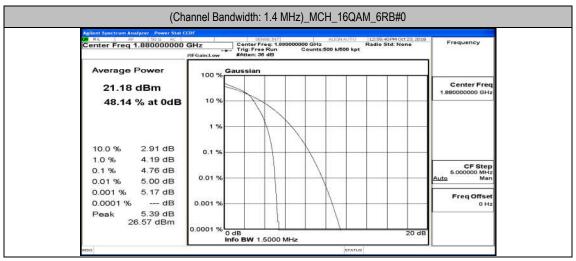
Test Graphs

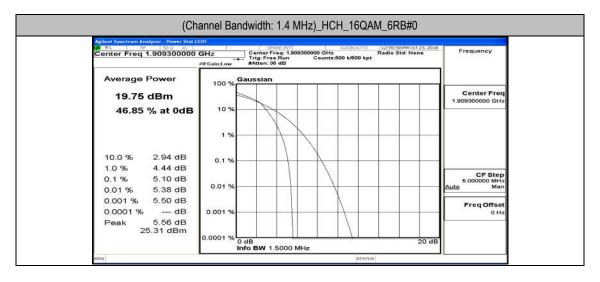


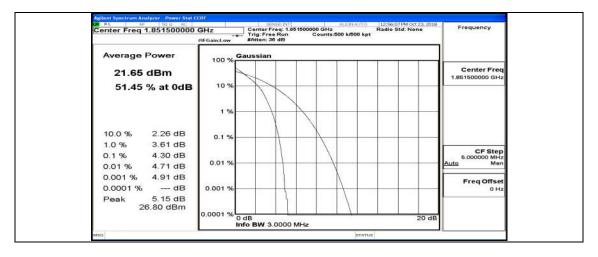


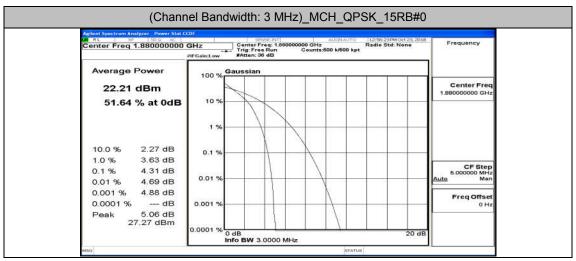


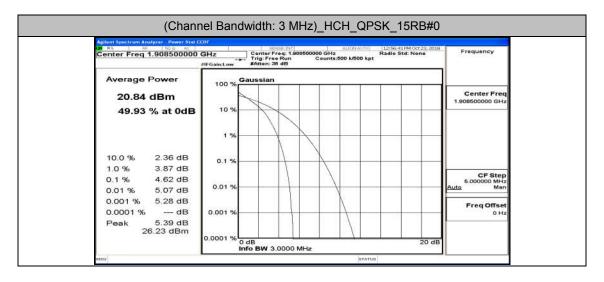




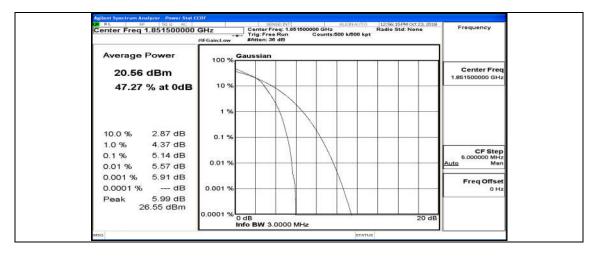


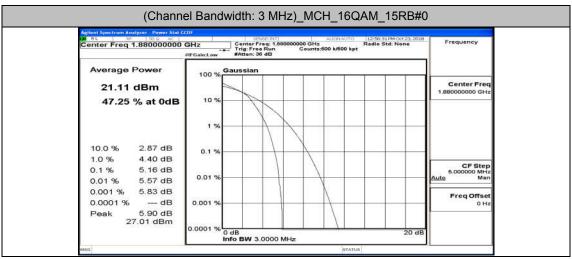


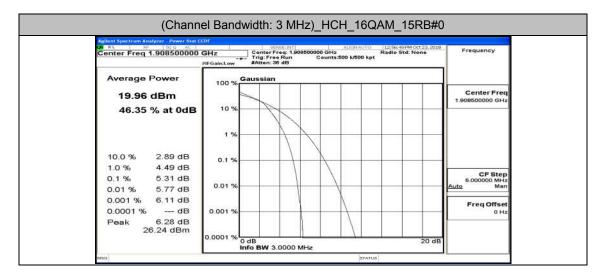


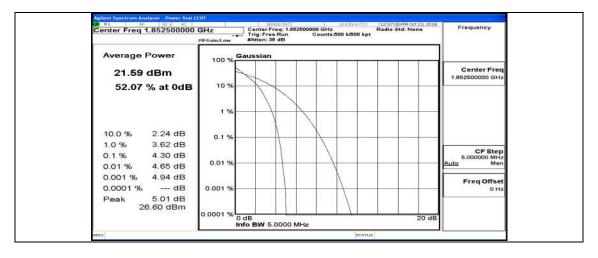


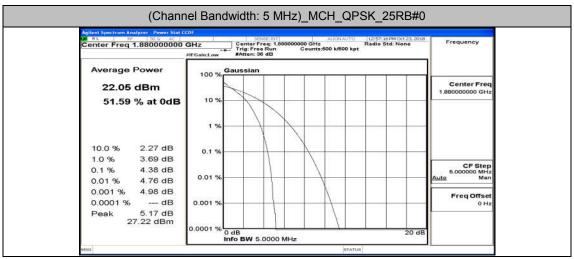
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

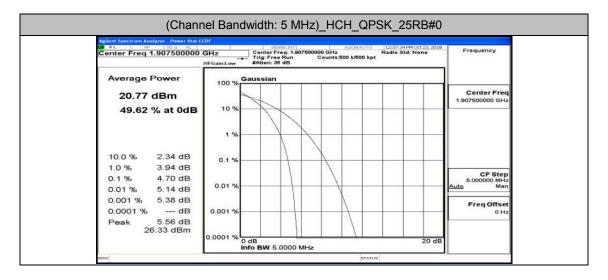




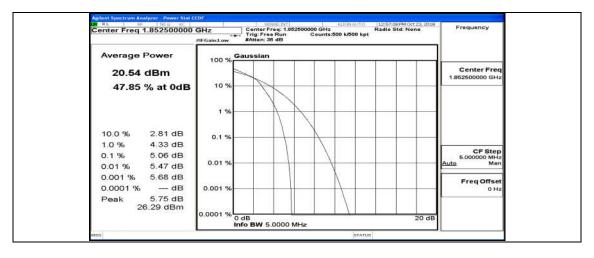


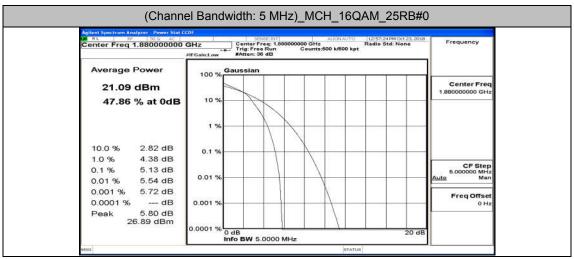


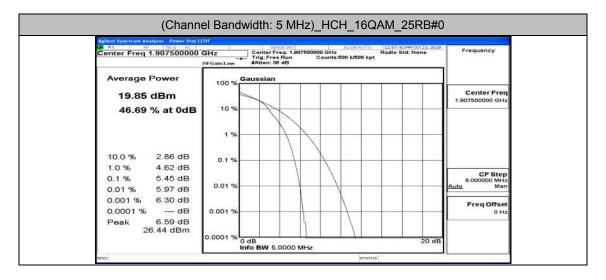




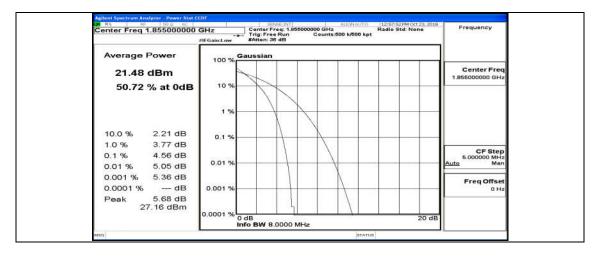
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

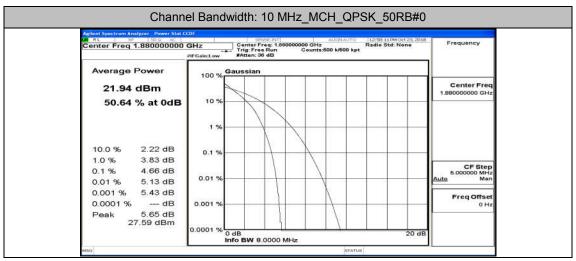


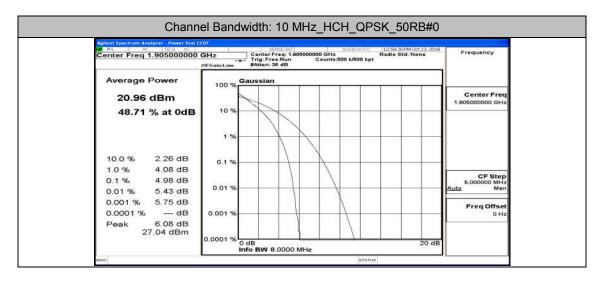


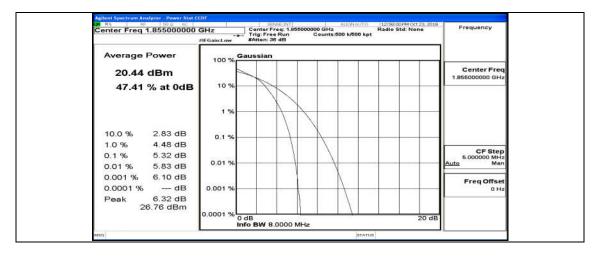


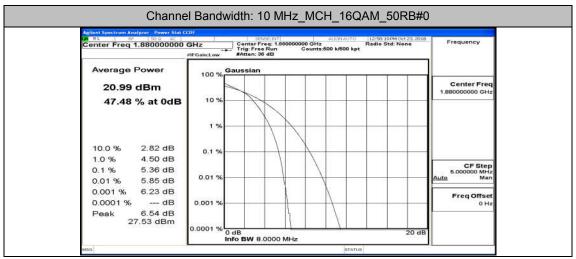
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

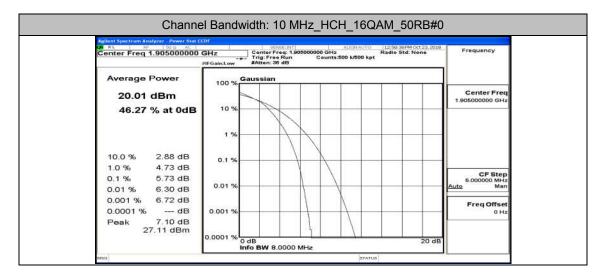




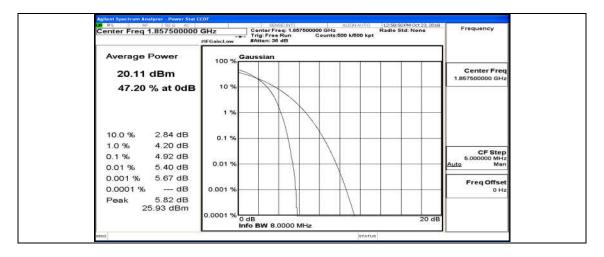


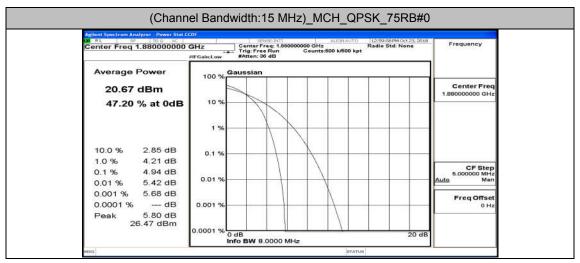


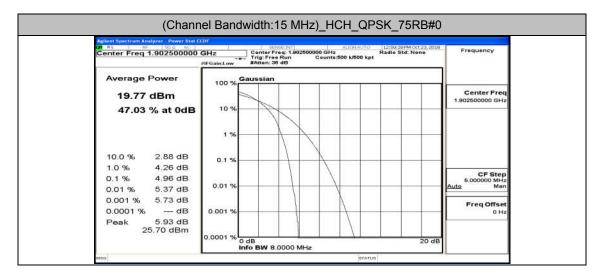


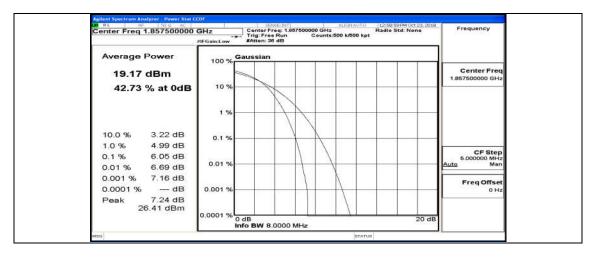


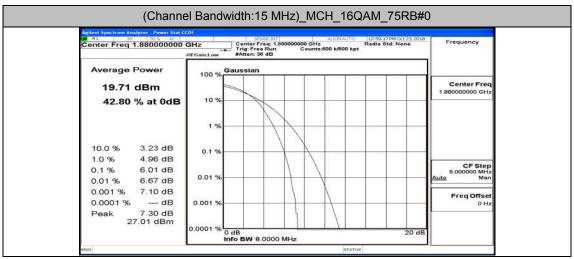
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

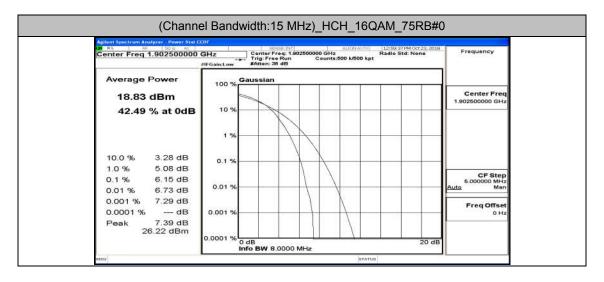




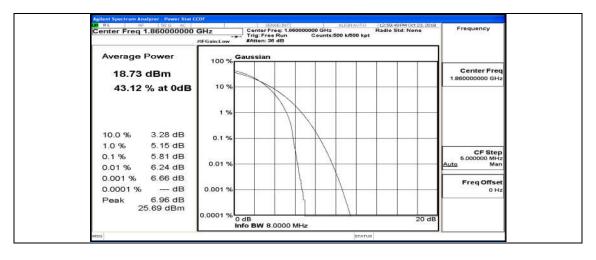


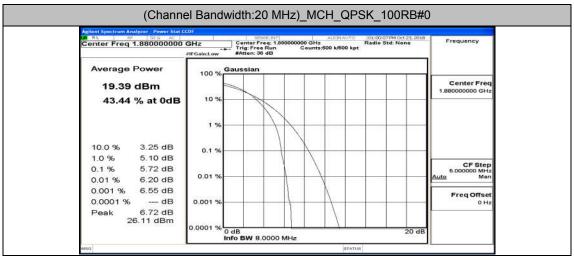


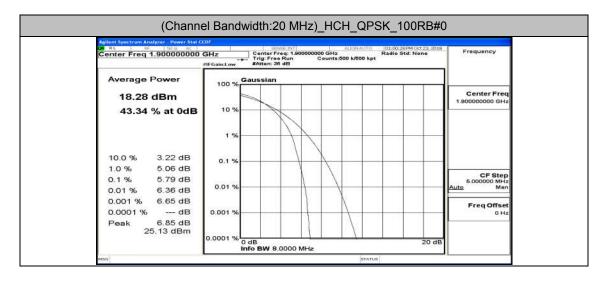


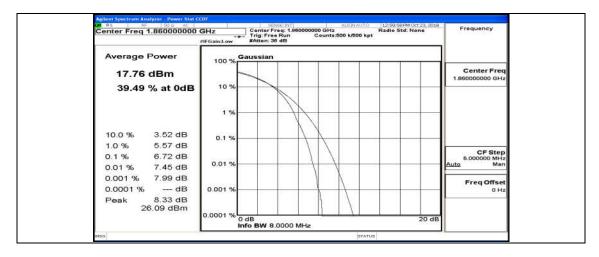


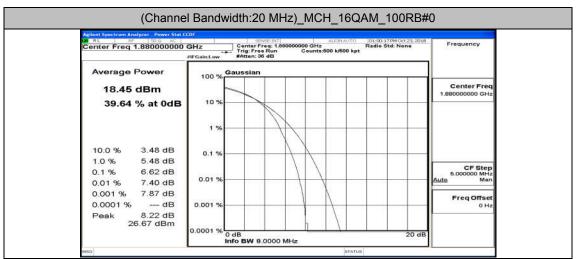
(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0

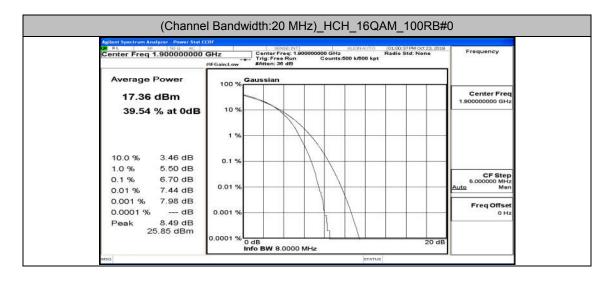












Appendix A.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

	Channel Bandwidth: 1.4 MHz										
		RB Conf	iguration	Occupied	26dB Bandwidth						
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict					
		Size	Oliset	(MHz)	(IVII IZ)						
QPSK	LCH	6	0	1.0804	1.279	PASS					
QFSK	MCH	6	0	1.0799	1.240	PASS					
	HCH	6	0	1.0801	1.228	PASS					
	LCH	6	0	1.0836	1.251	PASS					
16QAM	MCH	6	0	1.0786	1.236	PASS					
	HCH	6	0	1.0785	1.231	PASS					

Channel Bandwidth: 3 MHz

	Channel Bandwidth: 3 MHz										
		RB Configuration		Occupied	26dB Bandwidth						
Modulation	Channel	Size	Offset	Bandwidth		Verdict					
		Size	Oliset	(MHz)	(MHz)						
QPSK	LCH	15	0	2.6879	2.999	PASS					
QPSK	MCH	15	0	2.6852	2.909	PASS					
	HCH	15	0	2.6841	2.901	PASS					
	LCH	15	0	2.6838	2.882	PASS					
16QAM	MCH	15	0	2.6904	2.876	PASS					
	HCH	15	0	2.6858	2.870	PASS					

Channel Bandwidth: 5 MHz										
		RB Conf	iguration	Occupied	26dB Bandwidth					
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict				
		Size Oliset	Oliset	(MHz)	(IVII IZ)					
QPSK	LCH	25	0	4.4829	4.890	PASS				
QFSK	MCH	25	0	4.4879	4.888	PASS				
	HCH	25	0	4.4822	4.831	PASS				
	LCH	25	0	4.4715	4.820	PASS				
16QAM	MCH	25	0	4.4838	4.808	PASS				
	HCH	25	0	4.4866	4.868	PASS				

	Channel Bandwidth: 10 MHz									
Modulation	Channel		RB Configuration Size Offset	Occupied Bandwidth	26dB Bandwidth (MHz)	Verdict				
		Size		(MHz)	(IVII IZ)					
QPSK	LCH	50	0	8.9431	9.473	PASS				
QFSK	MCH	50	0	8.9334	9.521	PASS				
	HCH	50	0	8.9199	9.418	PASS				
	LCH	50	0	8.9303	9.404	PASS				
16QAM	MCH	50	0	8.9363	9.555	PASS				
	HCH	50	0	8.9348	9.347	PASS				

Channel Bandwidth: 15 MHz

	Channel Bandwidth: 15 MHz										
		RB Conf	iguration	Occupied	26dB Bandwidth						
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict					
		Size	Oliset	(MHz)	(IVII IZ)						
QPSK	LCH	75	0	13.415	14.06	PASS					
QFSK	MCH	75	0	13.404	14.20	PASS					
	HCH	75	0	13.388	13.99	PASS					
	LCH	75	0	13.387	14.02	PASS					
16QAM	MCH	75	0	13.404	14.12	PASS					
	HCH	75	0	13.388	14.02	PASS					

	Channel Bandwidth: 20 MHz										
		RB Conf	iguration	Occupied	26dB Bandwidth						
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict					
		Size	Oliset	(MHz)	(IVII IZ)						
QPSK	LCH	100	0	17.856	18.62	PASS					
QFSK	MCH	100	0	17.844	18.58	PASS					
	HCH	100	0	17.875	18.59	PASS					
	LCH	100	0	17.852	18.60	PASS					
16QAM	MCH	100	0	17.854	18.64	PASS					
	HCH	100	0	17.869	18.75	PASS					

Test Graphs

