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

Test Result

	Channel Bandwidth: 1.4 MHz									
Modulati		RB Conf								
on	Channel	Size	Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict				
		1	0	20.68	1	PASS				
		1	3	20.51	1	PASS				
		1	5	20.65	1	PASS				
	LCH	3	0	20.30	1	PASS				
		3	2	20.36	1	PASS				
		3	3	20.37	1	PASS				
		6	0	20.38	1	PASS				
		1	0	21.44	1	PASS				
		1	3	21.54	1	PASS				
		1	5	21.48	1	PASS				
QPSK	MCH	3	0	21.50	1	PASS				
		3	2	21.46	1	PASS				
		3	3	21.52	1	PASS				
		6	0	21.49	1	PASS				
		1	0	20.85	1	PASS				
		1	3	20.64	1	PASS				
		1	5	20.74	1	PASS				
	HCH	3	0	20.83	1	PASS				
		3	2	20.74	1	PASS				
		3	3	20.72	1	PASS				
		6	0	20.73	1	PASS				
		1	0	20.61	1	PASS				
		1	3	20.61	1	PASS				
		1	5	20.73	1	PASS				
	LCH	3	0	20.38	1	PASS				
		3	2	20.40	1	PASS				
16QAM		3	3	20.44	1	PASS				
		6	0	20.35	1	PASS				
		1	0	21.70	1	PASS				
	MCH	1	3	21.79	1	PASS				
	IVICII	1	5	21.73	1	PASS				
		3	0	21.38	1	PASS				

		3	2	21.40	1	PASS
		3	3	21.45	1	PASS
		6	0	21.37	1	PASS
		1	0	21.12	1	PASS
		1	3	21.02	1	PASS
		1	5	21.03	1	PASS
	HCH	3	0	20.79	1	PASS
		3	2	20.72	1	PASS
		3	3	20.73	1	PASS
		6	0	20.83	1	PASS

			Cha	annel Bandwidth: 3 MHz		
Modulation	Channel		RB guration Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict
		1	0	20.38	1	PASS
		1	7	20.45	1	PASS
		1	14	20.75	1	PASS
	LCH	8	0	20.49	1	PASS
		8	4	20.57	1	PASS
		8	7	20.72	1	PASS
		15	0	20.64	1	PASS
		1	0	21.39	1	PASS
		1	7	21.45	1	PASS
		1	14	21.45	1	PASS
QPSK	MCH	8	0	21.56	1	PASS
		8	4	21.48	1	PASS
		8	7	21.52	1	PASS
		15	0	21.54	1	PASS
		1	0	21.09	1	PASS
		1	7	20.78	1	PASS
		1	14	20.74	1	PASS
	HCH	8	0	20.87	1	PASS
		8	4	20.74	1	PASS
		8	7	20.70	1	PASS
		15	0	20.72	1	PASS
		1	0	20.63	1	PASS
		1	7	20.70	1	PASS
16QAM	LCH	1	14	20.98	1	PASS
		8	0	20.57	1	PASS
		8	4	20.66	1	PASS

		8	7	20.76	1	PASS
		15	0	20.58	1	PASS
		1	0	21.60	1	PASS
		1	7	21.60	1	PASS
		1	14	21.61	1	PASS
	MCH	8	0	21.60	1	PASS
		8	4	21.55	1	PASS
		8	7	21.54	1	PASS
		15	0	21.48	1	PASS
		1	0	21.32	1	PASS
		1	7	21.03	1	PASS
		1	14	21.01	1	PASS
	HCH	8	0	20.84	1	PASS
		8	4	20.73	1	PASS
		8	7	20.70	1	PASS
		15	0	20.72	1	PASS

	Channel Bandwidth: 5 MHz									
Modulation	Channel		figuration	Average Power [dBm]	E.i.r.p [dBm]	Verdict				
		Size	Offset							
		1	0	20.27	1	PASS				
		1	12	20.18	1	PASS				
		1	24	20.87	1	PASS				
	LCH	12	0	20.16	1	PASS				
		12	6	20.22	1	PASS				
		12	13	20.51	1	PASS				
		25	0	20.30	1	PASS				
	МСН	1	0	21.57	1	PASS				
		1	12	21.04	1	PASS				
		1	24	21.28	1	PASS				
QPSK		12	0	21.21	1	PASS				
		12	6	21.09	1	PASS				
		12	13	21.09	1	PASS				
		25	0	21.08	1	PASS				
		1	0	21.07	1	PASS				
		1	12	20.40	1	PASS				
		1	24	20.53	1	PASS				
	HCH	12	0	20.55	1	PASS				
		12	6	20.31	1	PASS				
		12	13	20.28	1	PASS				
		25	0	20.39	1	PASS				

		1	0	20.62	1	PASS
		1	12	20.53	1	PASS
		1	24	21.15	1	PASS
	LCH	12	0	20.28	1	PASS
		12	6	20.35	1	PASS
		12	13	20.62	1	PASS
		25	0	20.32	1	PASS
		1	0	21.82	1	PASS
	МСН	1	12	21.35	1	PASS
		1	24	21.56	1	PASS
16QAM		12	0	21.30	1	PASS
		12	6	21.18	1	PASS
		12	13	21.19	1	PASS
		25	0	21.09	1	PASS
		1	0	20.92	1	PASS
		1	12	20.33	1	PASS
		1	24	20.46	1	PASS
	HCH	12	0	20.59	1	PASS
		12	6	20.37	1	PASS
		12	13	20.33	1	PASS
		25	0	20.43	1	PASS

	Channel Bandwidth: 10 MHz									
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict				
Woddiation	Onamic	Size	Offset	Average i ower [ubiii]	L.i.i.p [dbiii]	Verdict				
		1	0	19.70	1	PASS				
		1	24	20.51	1	PASS				
		1	49	20.45	1	PASS				
	LCH	25	0	20.29	1	PASS				
		25	12	20.57	1	PASS				
		25	25	20.67	1	PASS				
		50	0	20.50	1	PASS				
QPSK		1	0	20.85	1	PASS				
QPSK		1	24	20.99	1	PASS				
		1	49	20.45	1	PASS				
	MCH	25	0	20.98	1	PASS				
		25	12	20.93	1	PASS				
		25	25	20.78	1	PASS				
		50	0	20.88	1	PASS				
	11011	1	0	20.48	1	PASS				
	HCH	1	24	20.51	1	PASS				

		1	49	19.75	1	PASS
		25	0	20.57	1	PASS
		25	12	20.48	1	PASS
		25	25	20.22	1	PASS
		50	0	20.42	1	PASS
		1	0	19.96	1	PASS
		1	24	20.73	1	PASS
		1	49	20.68	1	PASS
	LCH	25	0	20.31	1	PASS
		25	12	20.57	1	PASS
		25	25	20.67	1	PASS
		50	0	20.49	1	PASS
		1	0	21.05	1	PASS
		1	24	21.17	1	PASS
		1	49	20.68	1	PASS
16QAM	MCH	25	0	20.98	1	PASS
		25	12	20.93	1	PASS
		25	25	20.77	1	PASS
		50	0	20.96	1	PASS
		1	0	20.81	1	PASS
		1	24	20.87	1	PASS
		1	49	20.18	1	PASS
	HCH	25	0	20.58	1	PASS
		25	12	20.52	1	PASS
		25	25	20.27	1	PASS
		50	0	20.45	1	PASS

Channel Bandwidth: 15 MHz									
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict			
Woddiation	Orialino	Size	Offset	Average rower [dbiii]	L.I.I.p [dDIII]	verdict			
		1	0	19.96	1	PASS			
		1	37	20.70	1	PASS			
	LCH	1	74	20.72	1	PASS			
		37	0	20.45	1	PASS			
		37	18	20.70	1	PASS			
QPSK		37	38	20.73	1	PASS			
		75	0	20.54	1	PASS			
		1	0	20.85	1	PASS			
	MCH	1	37	20.84	1	PASS			
	MCH	1	74	20.51	1	PASS			
		37	0	20.96	1	PASS			

		37	18	20.88	1	PASS
		37	38	20.73	/	PASS
		75	0	20.83	,	PASS
		1	0	20.87	,	PASS
		1	37	20.48	1	PASS
		1	74	19.99	1	PASS
	HCH	37	0	20.73	1	PASS
		37	18	20.55	1	PASS
		37	38	20.29	1	PASS
		75	0	20.52	1	PASS
		1	0	20.17	1	PASS
		1	37	20.89	1	PASS
		1	74	20.95	1	PASS
	LCH	37	0	20.42	1	PASS
		37	18	20.67	/	PASS
		37	38	20.70	1	PASS
		75	0	20.55	1	PASS
		1	0	21.10	1	PASS
		1	37	21.11	1	PASS
		1	74	20.78	1	PASS
16QAM	MCH	37	0	20.94	1	PASS
		37	18	20.86	1	PASS
		37	38	20.71	1	PASS
		75	0	20.82	1	PASS
		1	0	21.08	1	PASS
		1	37	20.72	1	PASS
		1	74	20.30	1	PASS
	HCH	37	0	20.72	1	PASS
		37	18	20.54	1	PASS
		37	38	20.32	1	PASS
		75	0	20.48	1	PASS

Channel Bandwidth: 20 MHz									
Modulation	Channel	RB Conf	iguration	Average Power [dBm]	E.i.r.p [dBm]	Verdict			
Woddiation	Originio	Size	Offset	/Werage rower [abin]	Lilip [dbiii]	Verdict			
		1	0	20.14	1	PASS			
	LCH	1	49	20.94	1	PASS			
QPSK		1	99	20.88	1	PASS			
QPSK		50	0	20.58	1	PASS			
		50	25	20.77	1	PASS			
		50	50	20.75	1	PASS			

	1			I		
		100	0	20.66	1	PASS
		1	0	20.96	1	PASS
		1	49	20.98	1	PASS
		1	99	20.49	1	PASS
	MCH	50	0	20.93	1	PASS
		50	25	20.84	1	PASS
		50	50	20.64	1	PASS
		100	0	20.80	1	PASS
		1	0	21.10	1	PASS
		1	49	20.60	1	PASS
		1	99	20.04	1	PASS
	нсн	50	0	20.83	1	PASS
		50	25	20.57	1	PASS
		50	50	20.29	1	PASS
		100	0	20.58	1	PASS
		1	0	20.23	1	PASS
		1	49	21.01	1	PASS
		1	99	20.98	1	PASS
	LCH	50	0	20.55	1	PASS
		50	25	20.74	1	PASS
		50	50	20.73	1	PASS
		100	0	20.63	1	PASS
		1	0	21.08	1	PASS
		1	49	21.11	1	PASS
		1	99	20.60	1	PASS
16QAM	MCH	50	0	20.90	1	PASS
		50	25	20.83	1	PASS
		50	50	20.63	1	PASS
		100	0	20.78	1	PASS
		1	0	21.35	1	PASS
		1	49	20.86	1	PASS
		1	99	20.38	1	PASS
	нсн	50	0	20.86	1	PASS
		50	25	20.61	1	PASS
		50	50	20.35	1	PASS
		100	0	20.57	1	PASS

Appendix B.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			
	Channel	Size	Offset	(dB)	(dB)	verdict			
	LCH	6	0	5.1	<13	PASS			
QPSK	MCH	6	0	4.76	<13	PASS			
	HCH	6	0	5.09	<13	PASS			
	LCH	6	0	5.34	<13	PASS			
16QAM	MCH	6	0	5.01	<13	PASS			
	HCH	6	0	5.4	<13	PASS			

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz									
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict			
Modulation	Channel	Size	Offset	[dB]	[dB]	verdict			
	LCH	15	0	5.12	<13	PASS			
QPSK	MCH	15	0	4.98	<13	PASS			
	HCH	15	0	5.33	<13	PASS			
	LCH	15	0	5.5	<13	PASS			
16QAM	MCH	15	0	5.35	<13	PASS			
	HCH	15	0	5.61	<13	PASS			

Channel Bandwidth: 5 MHz									
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict			
iviodulation	Charmer	Size	Offset	[dB]	[dB]	verdict			
	LCH	25	0	5.24	<13	PASS			
QPSK	MCH	25	0	5.21	<13	PASS			
	HCH	25	0	5.32	<13	PASS			
	LCH	25	0	5.54	<13	PASS			
16QAM	MCH	25	0	5.48	<13	PASS			
	HCH	25	0	5.69	<13	PASS			

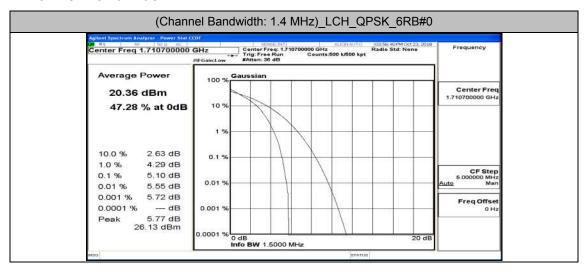
Channel Bandwidth: 10 MHz									
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Vordict			
	Criainie	Size	Offset	[dB]	[dB]	Verdict			
	LCH	50	0	5.19	<13	PASS			
QPSK	MCH	50	0	5.23	<13	PASS			
	HCH	50	0	5.26	<13	PASS			
	LCH	50	0	5.6	<13	PASS			
16QAM	MCH	50	0	5.65	<13	PASS			
	HCH	50	0	5.65	<13	PASS			

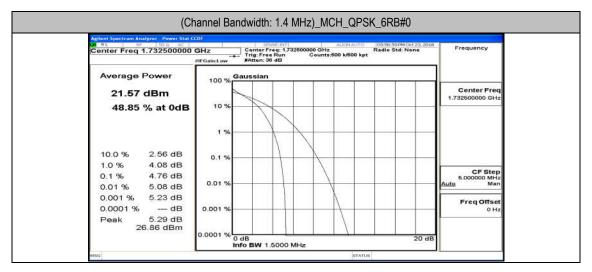
Channel Bandwidth: 15 MHz

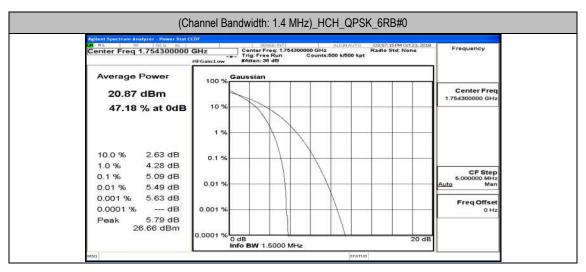
Channel Bandwidth: 15 MHz									
Modulation	Channel	RB Conf	iguration	Peak-to-Average Ratio	Limit	Verdict			
	Channel	Size	Offset	[dB]	[dB]	verdict			
	LCH	75	0	4.95	<13	PASS			
QPSK	MCH	75	0	5.02	<13	PASS			
	HCH	75	0	4.96	<13	PASS			
	LCH	75	0	6.07	<13	PASS			
16QAM	MCH	75	0	6.13	<13	PASS			
	HCH	75	0	6.08	<13	PASS			

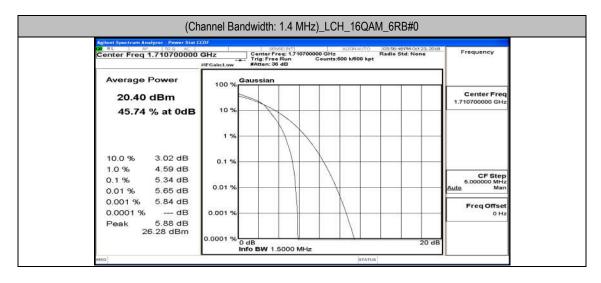
Channel Bandwidth: 20 MHz									
Modulation	Channel	RB Configuration		Peak-to-Average Ratio	Limit	Verdict			
	Chamilei	Size	Offset	[dB]	[dB]	verdict			
	LCH	100	0	5.7	<13	PASS			
QPSK	MCH	100	0	5.73	<13	PASS			
	HCH	100	0	5.71	<13	PASS			
	LCH	100	0	6.73	<13	PASS			
16QAM	MCH	100	0	6.79	<13	PASS			
	HCH	100	0	6.6	<13	PASS			

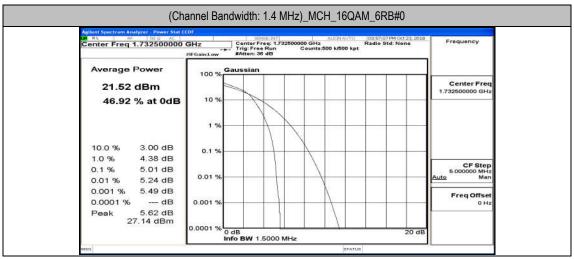
Test Graphs

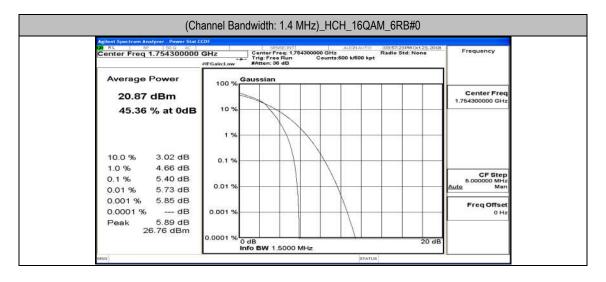


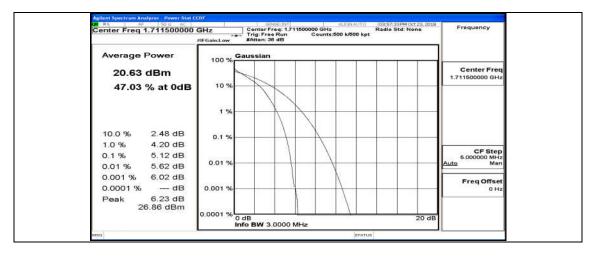


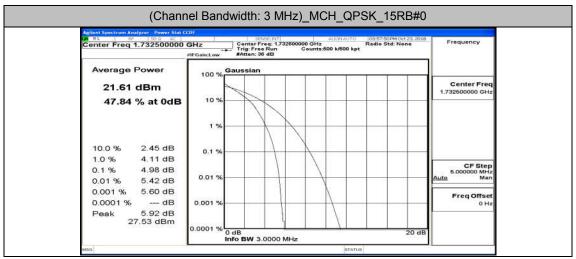


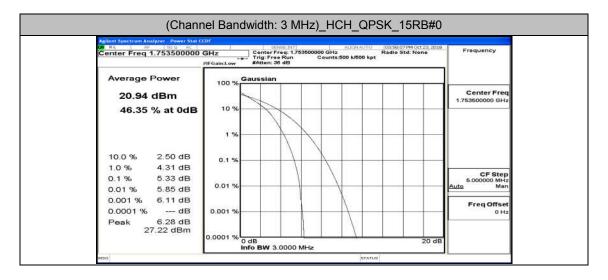




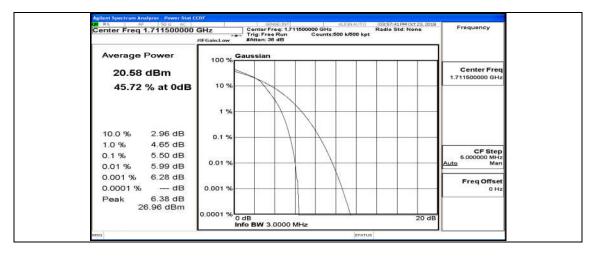


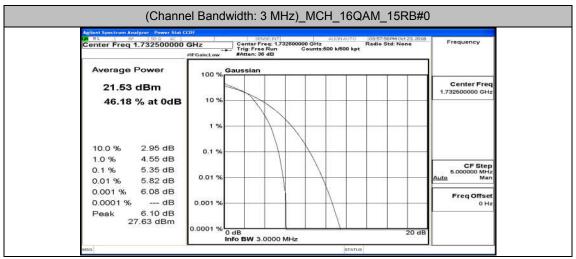


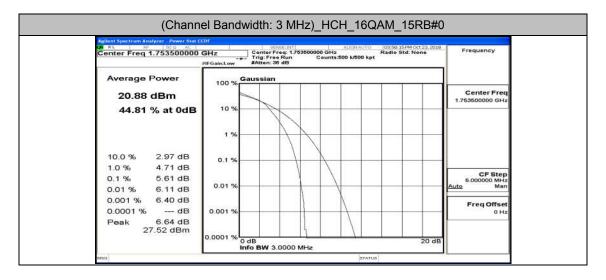


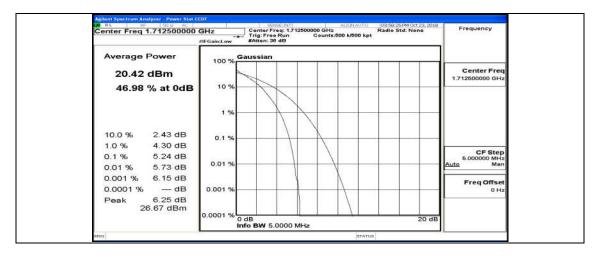


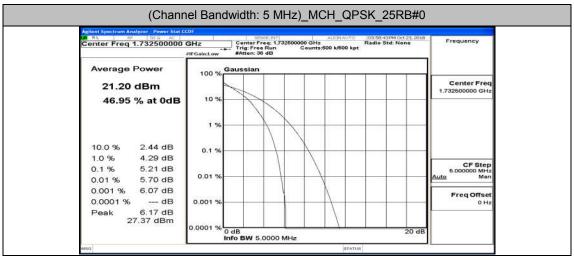
(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

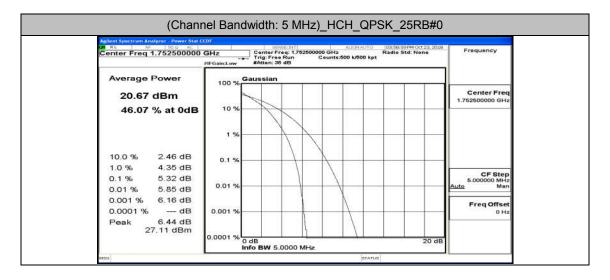




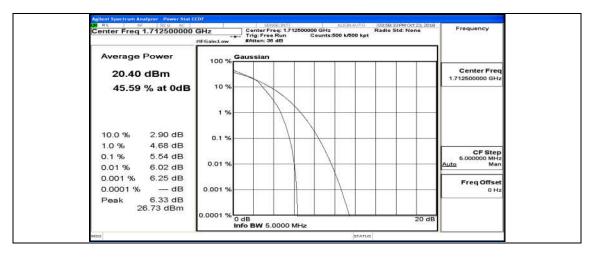


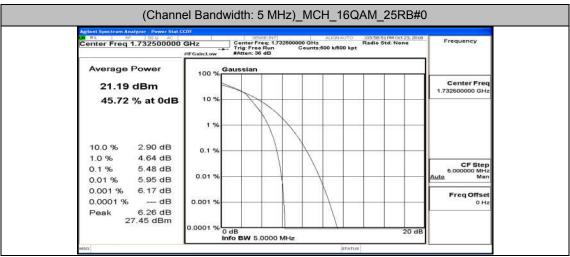


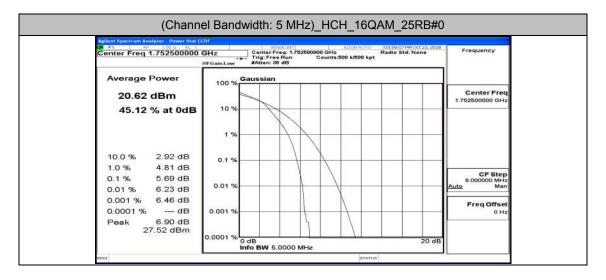


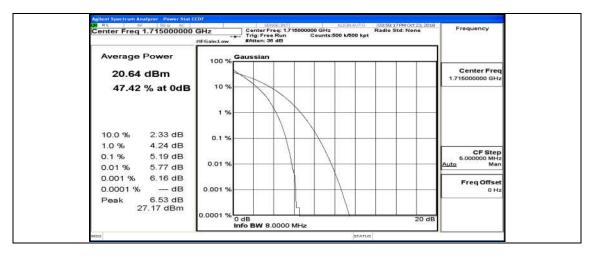


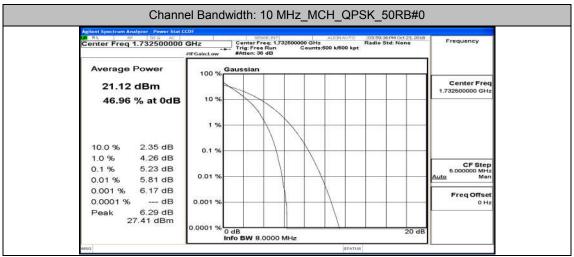
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

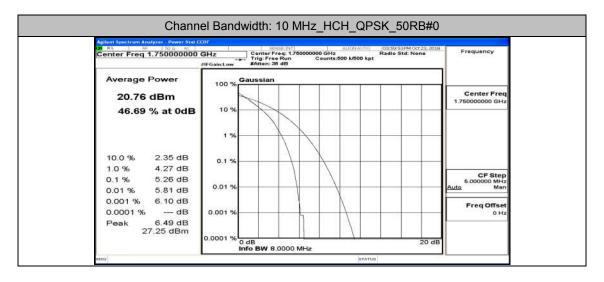


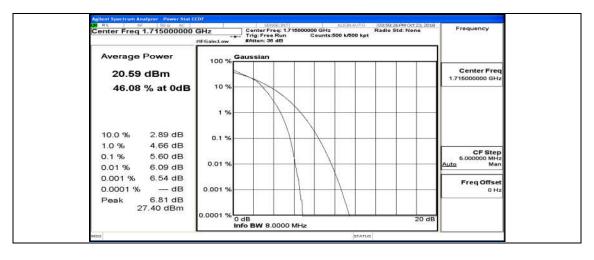


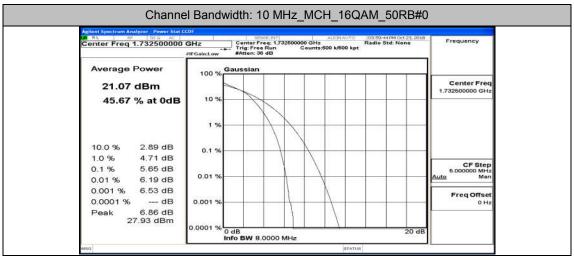


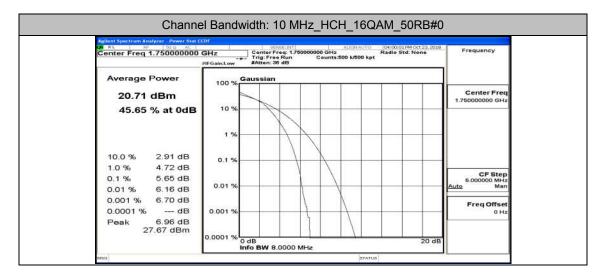




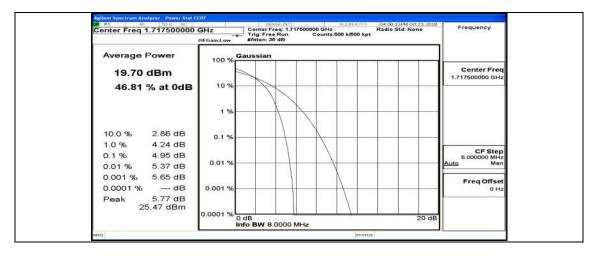


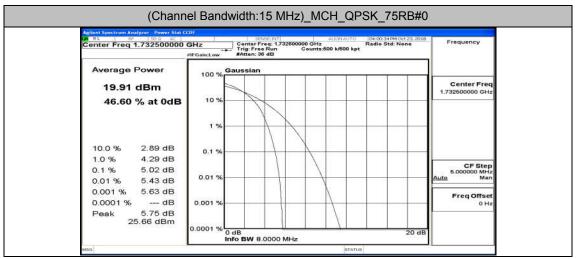


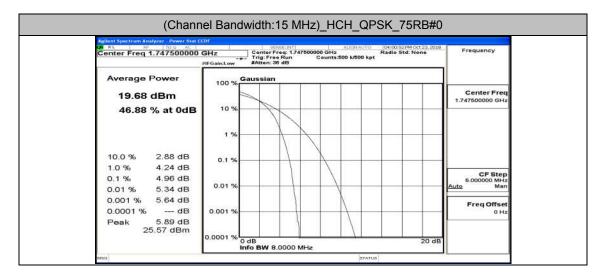


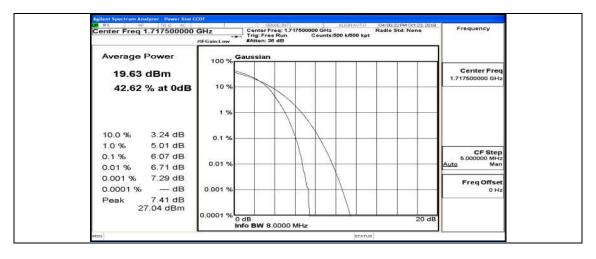


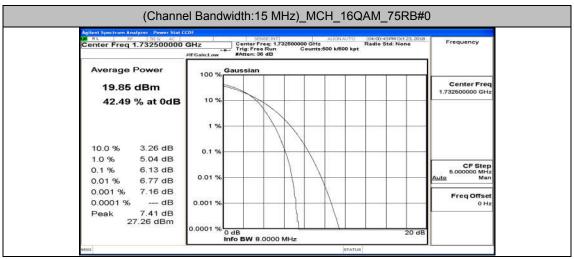
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0

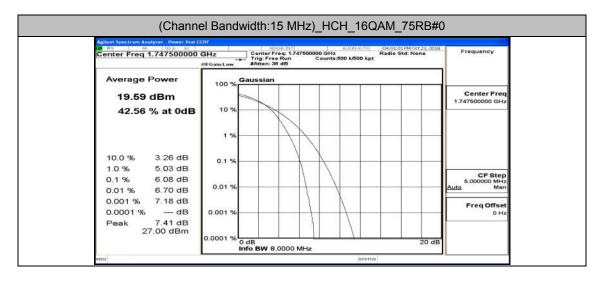




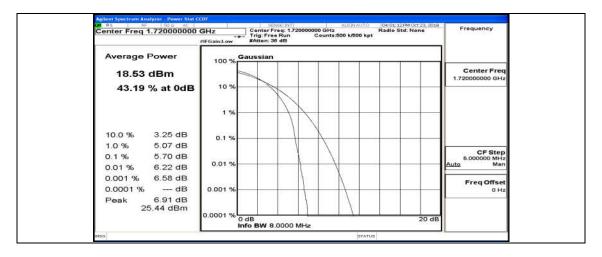


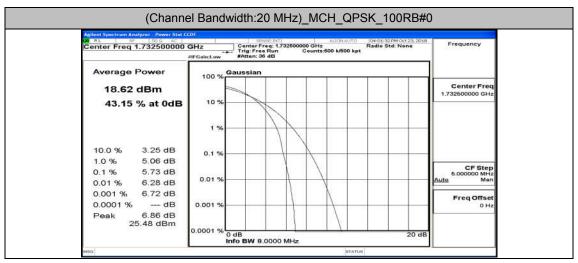


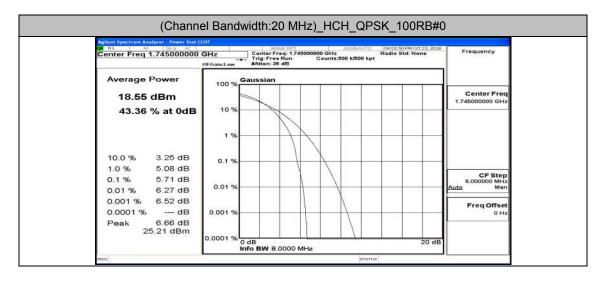


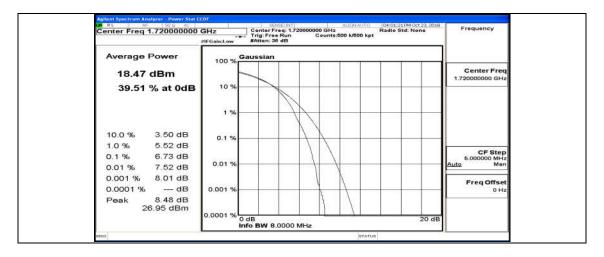


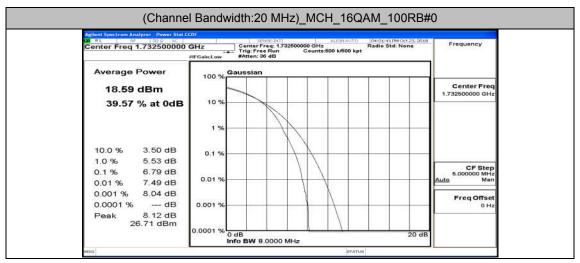
(Channel Bandwidth: 20 MHz)_LCH_QPSK_100RB#0

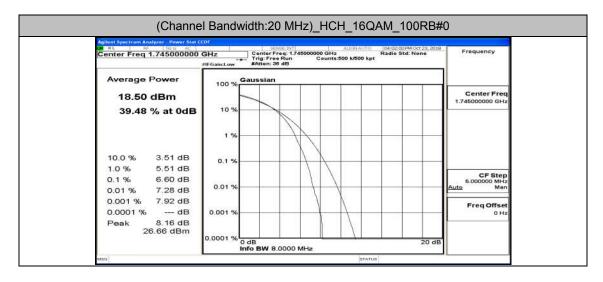












Appendix B.3: 26dB Bandwidth and Occupied Bandwidth

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	1.0750	1.233	PASS					
QFSN	MCH	6	0	1.0750	1.231	PASS					
	HCH	6	0	1.0786	1.205	PASS					
	LCH	6	0	1.0815	1.245	PASS					
16QAM	MCH	6	0	1.0818	1.230	PASS					
	HCH	6	0	1.0772	1.221	PASS					

Channel Bandwidth: 3 MHz

	Channel Bandwidth: 3 MHz									
		RB Conf	iguration	Occupied	26dB Bandwidth					
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict				
		5126	Oliset	(MHz)	(IVII IZ)					
QPSK	LCH	15	0	2.6844	2.865	PASS				
QFSK	MCH	15	0	2.6860	2.871	PASS				
	HCH	15	0	2.6815	2.866	PASS				
	LCH	15	0	2.6824	2.869	PASS				
16QAM	MCH	15	0	2.6839	2.860	PASS				
	HCH	15	0	2.6878	2.883	PASS				

Channel Bandwidth: 5 MHz										
		RB Conf	iguration	Occupied	26dB Bandwidth					
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict				
		0120	Olloct	(MHz)	(**** 12)					
QPSK	LCH	25	0	4.4881	4.808	PASS				
QFSK	MCH	25	0	4.4845	4.812	PASS				
	HCH	25	0	4.4741	4.832	PASS				
	LCH	25	0	4.4775	4.830	PASS				
16QAM	MCH	25	0	4.4751	4.852	PASS				
	HCH	25	0	4.4884	4.861	PASS				

	Channel Bandwidth: 10 MHz									
Modulation Char		RB Configuration		Occupied	26dB Bandwidth					
	Channel	Size	Offset	Bandwidth (MHz)	(MHz)	Verdict				
QPSK	LCH	50	0	8.9235	9.455	PASS				
QPSK	MCH	50	0	8.9432	9.498	PASS				
	HCH	50	0	8.9266	9.512	PASS				
	LCH	50	0	8.9329	9.558	PASS				
16QAM	MCH	50	0	8.9434	9.446	PASS				
	HCH	50	0	8.9396	9.442	PASS				

Channel Bandwidth: 15 MHz

	Channel Bandwidth: 15 MHz										
		RB Configuration		Occupied	26dB Bandwidth						
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict					
		Size	Oliset	(MHz)	(IVII IZ)						
QPSK	LCH	75	0	13.390	14.12	PASS					
QFSK	MCH	75	0	13.411	14.12	PASS					
	HCH	75	0	13.397	13.97	PASS					
	LCH	75	0	13.403	14.10	PASS					
16QAM	MCH	75	0	13.412	14.13	PASS					
	HCH	75	0	13.397	14.10	PASS					

	Channel Bandwidth: 20 MHz										
		RB Conf	iguration	Occupied	26dB Bandwidth						
Modulation	Channel	Size	Offset	Bandwidth	(MHz)	Verdict					
		Size	Size Oliset	(MHz)	(IVII IZ)						
QPSK	LCH	100	0	17.866	18.65	PASS					
QFSN	MCH	100	0	17.872	18.66	PASS					
	HCH	100	0	17.857	18.63	PASS					
	LCH	100	0	17.865	18.65	PASS					
16QAM	MCH	100	0	17.887	18.68	PASS					
	HCH	100	0	17.845	18.68	PASS					

Test Graphs

