Appendix D: Test Data for E-UTRA Band 2

Product Name: Camcorder

Trade Mark: ZECO

Test Model: DSJ-AI

Environmental Conditions

Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Ryan.Hu
Supervised by:	Jayden Zhuo

D.1 Conducted Output Power

	Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
Modulation	Chamilei	Size	Offset	QPSK	16QAM	verdict		
		1	0	22.06	21.58	PASS		
		1	3	22.05	21.54	PASS		
		1	5	22.24	21.42	PASS		
	LCH	3	0	21.84	21.06	PASS		
		3	2	22.32	21.65	PASS		
		3	3	21.71	21.28	PASS		
		6	0	22.19	21.79	PASS		
		1	0	22.46	21.32	PASS		
		1	3	22.50	21.37	PASS		
QPSK /		1	5	21.71	21.21	PASS		
16QAM	MCH	3	0	22.47	21.65	PASS		
IOQAW		3	2	22.22	21.71	PASS		
		3	3	22.33	21.75	PASS		
		6	0	21.72	21.39	PASS		
		1	0	22.44	21.59	PASS		
		1	3	21.81	21.33	PASS		
		1	5	21.82	21.37	PASS		
	HCH	3	0	22.26	21.62	PASS		
		3	2	22.35	21.60	PASS		
		3	3	22.39	21.76	PASS		
		6	0	22.49	21.57	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)								
Modulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiet			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	21.84	21.30	PASS			
		1	7	22.28	21.59	PASS			
		1	14	21.85	21.37	PASS			
	LCH	8	0	22.40	21.62	PASS			
		8	4	21.94	21.38	PASS			
		8	7	21.91	21.35	PASS			
		15	0	22.36	21.75	PASS			
		1	0	21.94	21.37	PASS			
		1	7	22.27	21.71	PASS			
QPSK /		1	14	21.83	21.24	PASS			
16QAM	MCH	8	0	21.74	21.14	PASS			
TOQAW		8	4	22.30	21.77	PASS			
		8	7	22.44	21.89	PASS			
		15	0	22.10	21.45	PASS			
		1	0	21.78	21.38	PASS			
		1	7	21.97	21.43	PASS			
		1	14	22.34	21.90	PASS			
	HCH	8	0	22.31	21.69	PASS			
		8	4	22.06	21.62	PASS			
		8	7	21.89	21.57	PASS			
		15	0	22.44	21.81	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/a ==li =4			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	22.49	21.86	PASS			
		1	12	22.49	21.68	PASS			
		1	24	21.71	21.29	PASS			
	LCH	12	0	22.20	21.37	PASS			
		12	6	21.95	21.50	PASS			
		12	13	21.85	21.45	PASS			
		25	0	21.77	21.30	PASS			
		1	0	22.13	21.54	PASS			
		1	12	22.38	21.53	PASS			
QPSK /		1	24	22.21	21.88	PASS			
16QAM	MCH	12	0	22.22	21.69	PASS			
TOQAW		12	6	21.84	21.39	PASS			
		12	13	22.31	21.82	PASS			
		25	0	22.25	21.88	PASS			
		1	0	22.48	21.58	PASS			
		1	12	22.35	21.45	PASS			
		1	24	22.46	21.93	PASS			
	HCH	12	0	22.20	21.81	PASS			
		12	6	21.83	21.59	PASS			
		12	13	22.23	21.81	PASS			
		25	0	21.72	21.35	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)							
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]) (a nali a t		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	21.97	21.44	PASS		
		1	24	22.28	21.94	PASS		
		1	49	21.88	21.57	PASS		
	LCH	25	0	21.93	21.48	PASS		
		25	12	21.97	21.32	PASS		
		25	25	21.76	21.65	PASS		
		50	0	21.85	21.39	PASS		
		1	0	22.46	21.85	PASS		
		1	24	22.42	22.07	PASS		
QPSK /		1	49	22.03	21.71	PASS		
16QAM	MCH	25	0	22.16	21.59	PASS		
TOQAW		25	12	22.47	21.86	PASS		
		25	25	22.47	21.94	PASS		
		50	0	22.20	21.83	PASS		
		1	0	22.21	21.31	PASS		
		1	24	22.27	21.83	PASS		
		1	49	21.82	21.56	PASS		
	HCH	25	0	21.78	21.48	PASS		
		25	12	21.72	21.45	PASS		
		25	25	22.32	21.46	PASS		
		50	0	22.42	21.32	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)								
Manalada di sa	Observat	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	22.44	21.99	PASS			
		1	37	22.10	21.84	PASS			
		1	74	22.35	21.47	PASS			
	LCH	37	0	22.16	21.30	PASS			
		37	18	21.99	21.41	PASS			
		37	38	22.19	21.40	PASS			
		75	0	22.11	21.60	PASS			
		1	0	22.33	21.98	PASS			
	мсн	1	37	22.01	21.55	PASS			
QPSK /		1	74	22.48	21.92	PASS			
16QAM		37	0	22.39	21.94	PASS			
TOQAIVI		37	18	22.09	21.61	PASS			
		37	38	22.22	21.62	PASS			
		75	0	22.36	21.74	PASS			
		1	0	21.83	21.30	PASS			
		1	37	22.22	21.76	PASS			
		1	74	21.91	21.52	PASS			
	HCH	37	0	21.76	21.33	PASS			
		37	18	21.74	21.31	PASS			
		37	38	21.84	21.47	PASS			
		75	0	21.96	21.50	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/ordiot			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	22.14	21.79	PASS			
		1	49	22.66	22.12	PASS			
		1	99	22.49	22.09	PASS			
	LCH	50	0	22.57	22.17	PASS			
		50	25	22.16	21.93	PASS			
		50	50	22.00	21.86	PASS			
		100	0	22.29	21.97	PASS			
		1	0	22.36	21.88	PASS			
	МСН	1	49	22.41	21.96	PASS			
QPSK /		1	99	22.30	21.87	PASS			
16QAM		50	0	22.06	21.81	PASS			
TOQAIVI		50	25	22.54	21.91	PASS			
		50	50	22.63	21.89	PASS			
		100	0	22.65	21.93	PASS			
		1	0	22.27	21.85	PASS			
		1	49	22.26	21.74	PASS			
		1	99	21.98	21.66	PASS			
	HCH	50	0	22.60	21.84	PASS			
		50	25	22.46	21.94	PASS			
		50	50	22.24	21.90	PASS			
		100	0	22.10	21.83	PASS			

D.2 Peak-to-Average Ratio

	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict			
Modulation	Chame	[dB]	[dB]	verdict			
	LCH	3.94	<13	PASS			
QPSK	MCH	4.32	<13	PASS			
	HCH	3.51	<13	PASS			
	LCH	4.59	<13	PASS			
16QAM	MCH	5.12	<13	PASS			
	HCH	4.37	<13	PASS			

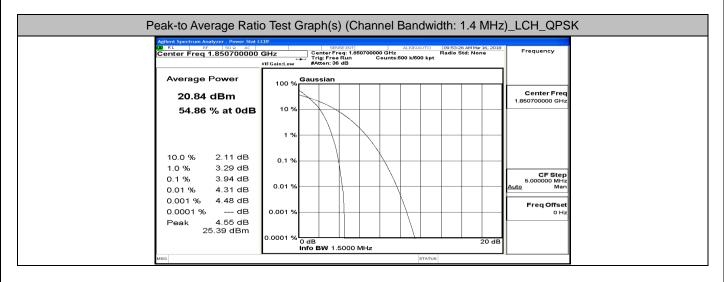
	Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict			
iviodulation	Griannei	[dB]	[dB]	verdict			
	LCH	4.23	<13	PASS			
QPSK	MCH	4.63	<13	PASS			
	HCH	4.10	<13	PASS			
	LCH	4.90	<13	PASS			
16QAM	MCH	5.42	<13	PASS			
	HCH	4.79	<13	PASS			

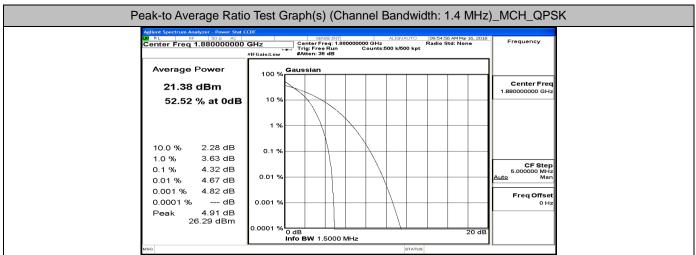
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channel	[dB]	[dB]	verdict		
	LCH	4.32	<13	PASS		
QPSK	MCH	4.66	<13	PASS		
	HCH	4.07	<13	PASS		
	LCH	4.88	<13	PASS		
16QAM	MCH	5.36	<13	PASS		
	HCH	4.74	<13	PASS		

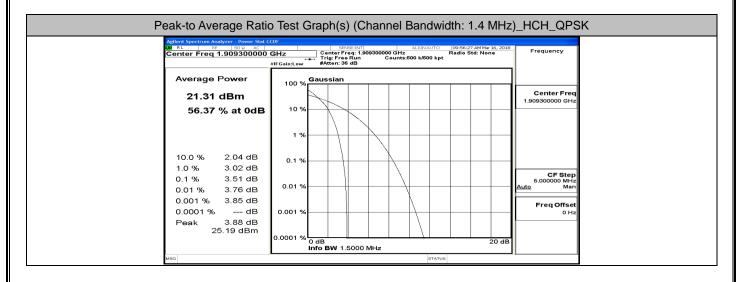
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Griannei	[dB]	[dB]	verdict		
	LCH	4.56	<13	PASS		
QPSK	MCH	4.83	<13	PASS		
	HCH	4.40	<13	PASS		
	LCH	5.08	<13	PASS		
16QAM	MCH	5.49	<13	PASS		
	HCH	5.01	<13	PASS		

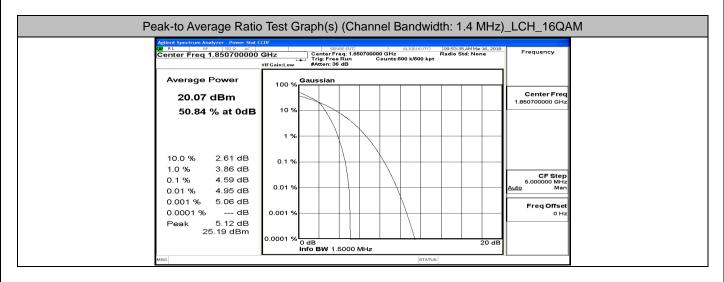
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict			
Modulation	Griannei	[dB]	[dB]	verdict			
	LCH	4.87	<13	PASS			
QPSK	MCH	4.95	<13	PASS			
	HCH	4.95	<13	PASS			
16QAM	LCH	5.71	<13	PASS			
	MCH	5.95	<13	PASS			
	HCH	5.79	<13	PASS			

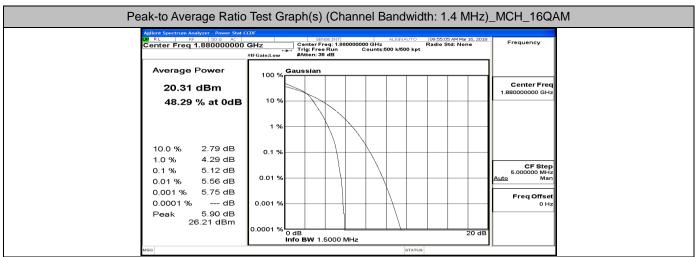
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)					
Mandadatian	Channel	Peak-to-Average Ratio	Limit	Verdict	
Modulation		[dB]	[dB]		
QPSK	LCH	5.79	<13	PASS	
	MCH	5.78	<13	PASS	
	HCH	5.80	<13	PASS	
16QAM	LCH	6.40	<13	PASS	
	MCH	6.59	<13	PASS	
	HCH	6.35	<13	PASS	

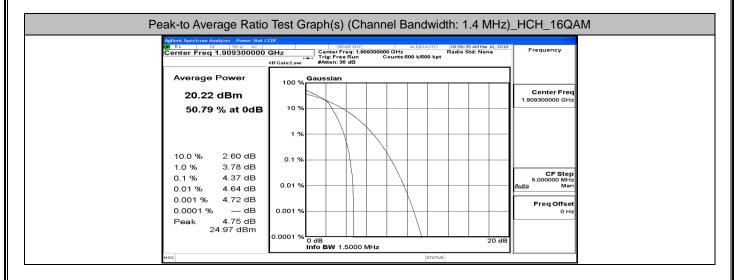


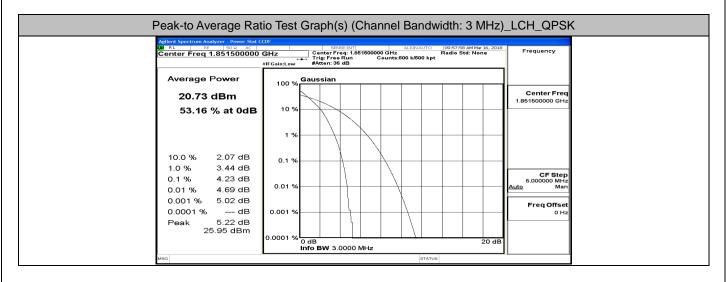


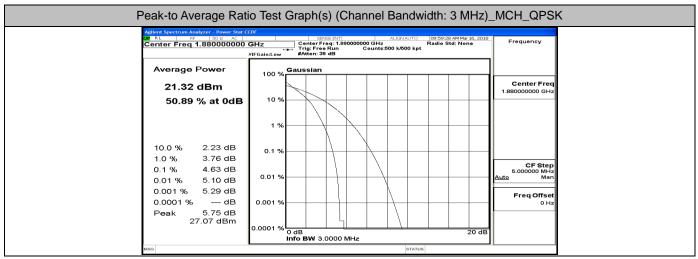


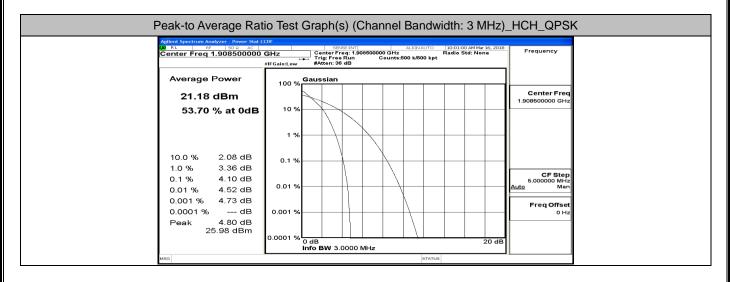


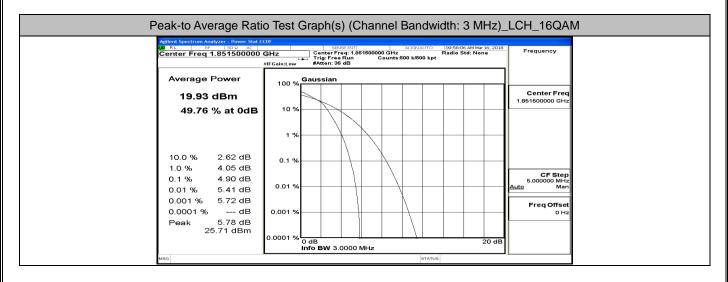


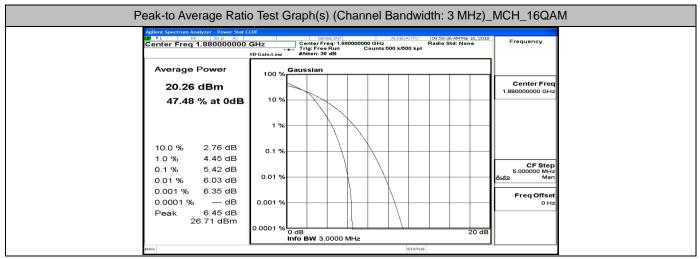


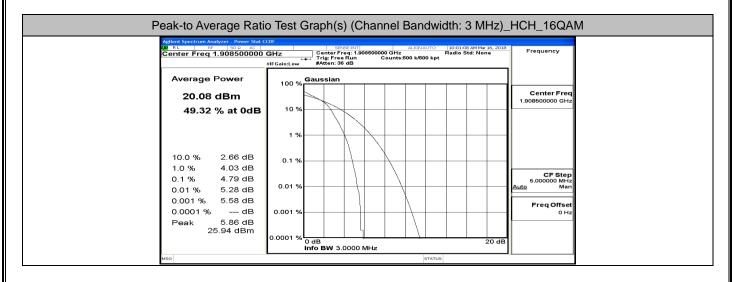


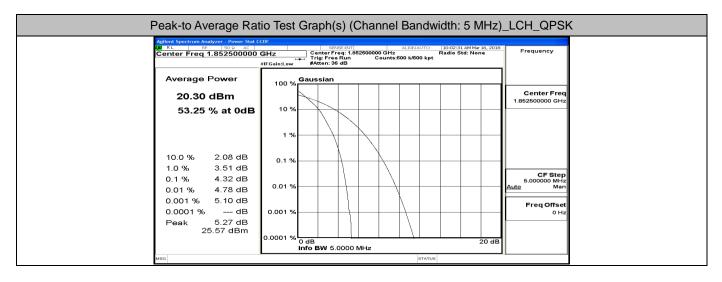


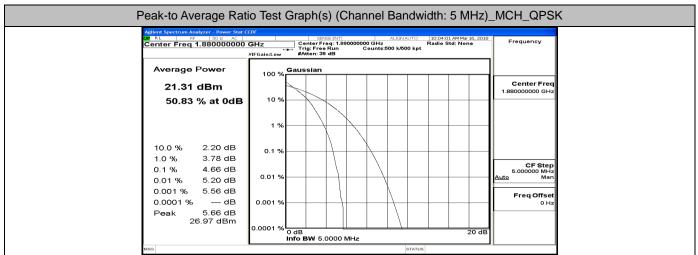


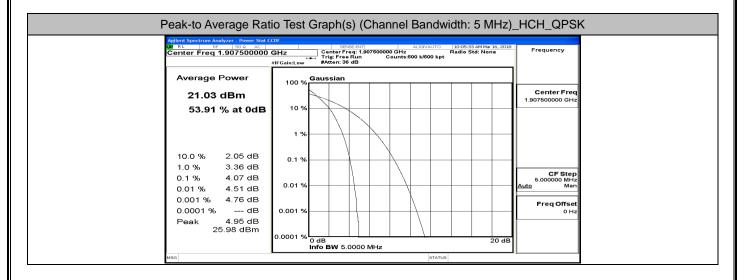


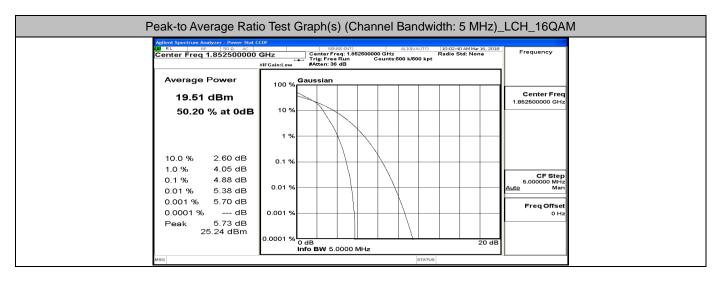


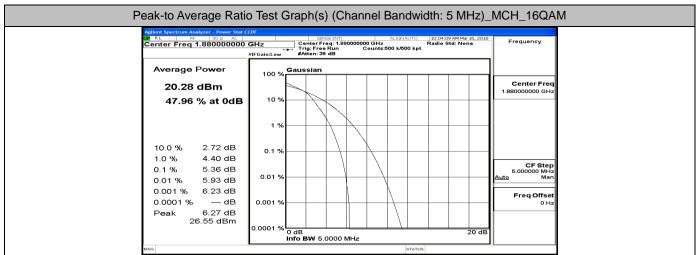


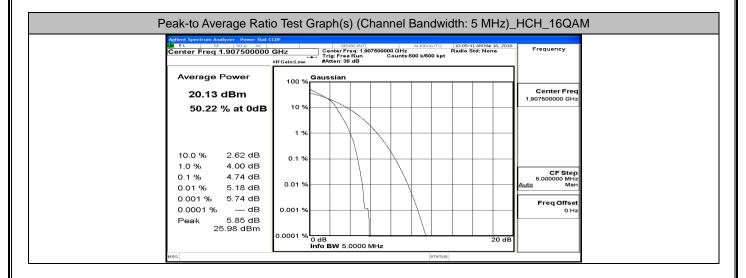


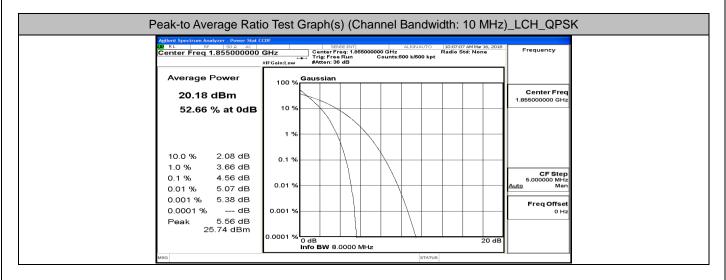


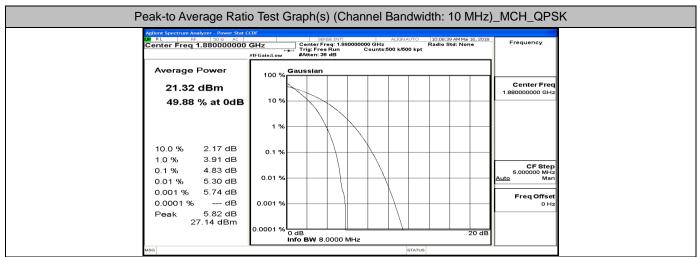


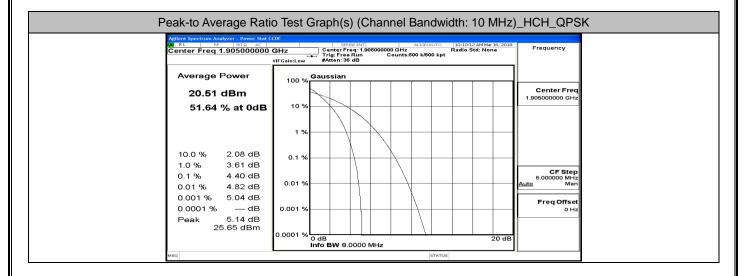


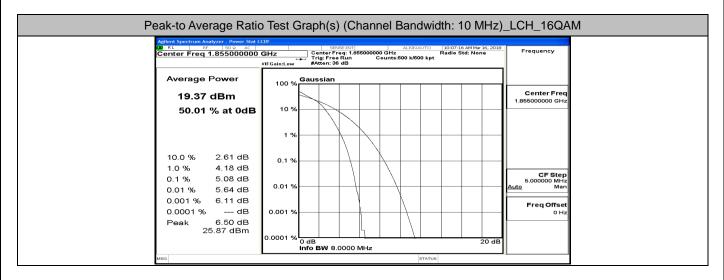


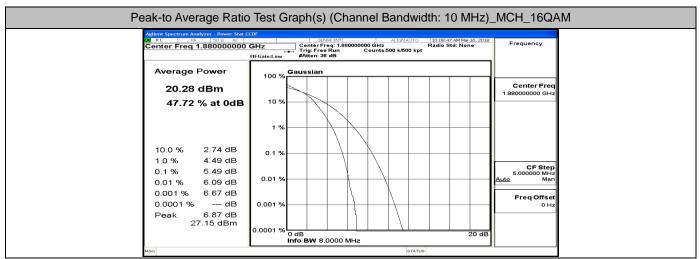


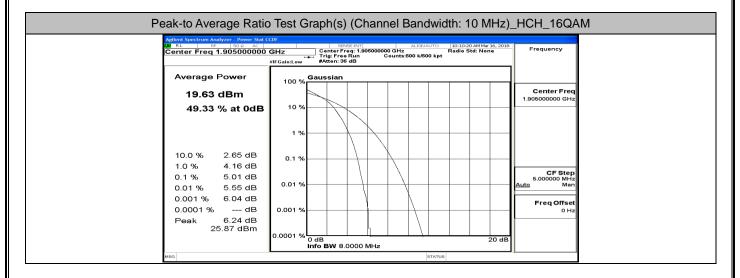


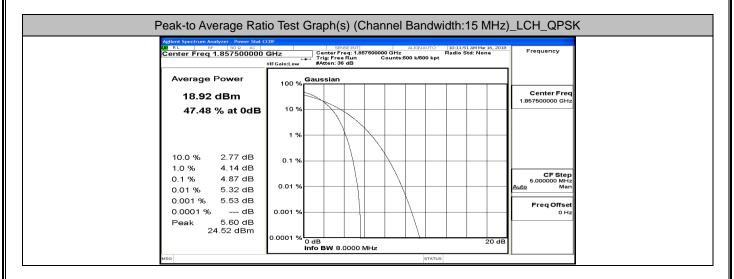


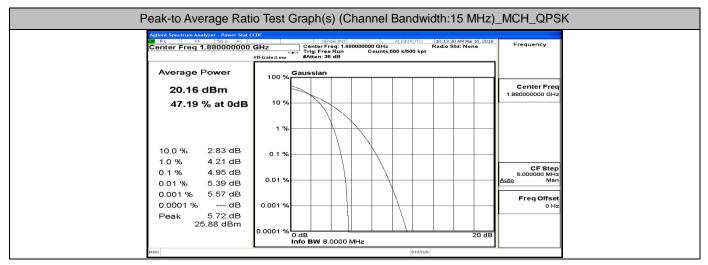


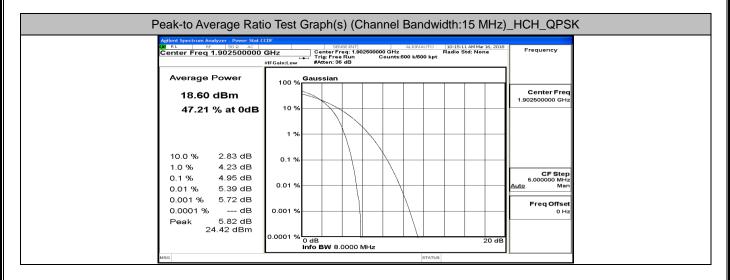


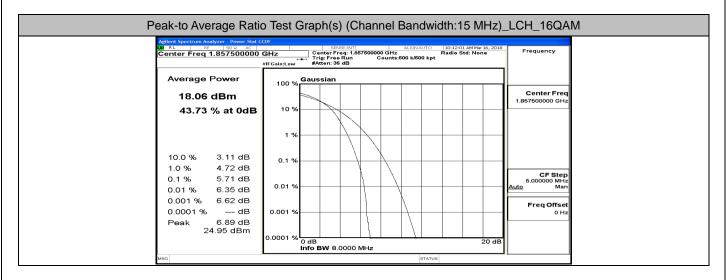


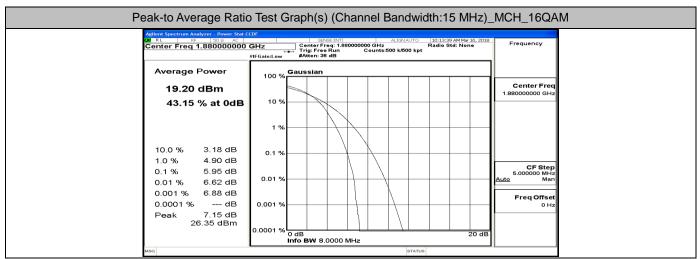


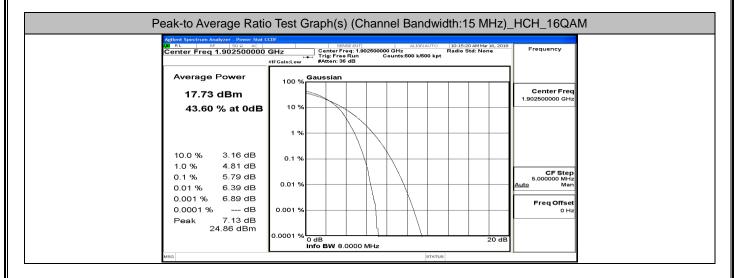


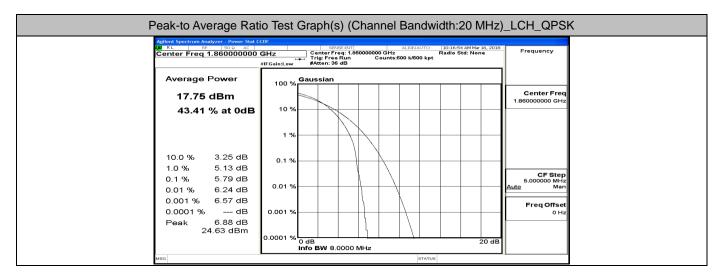


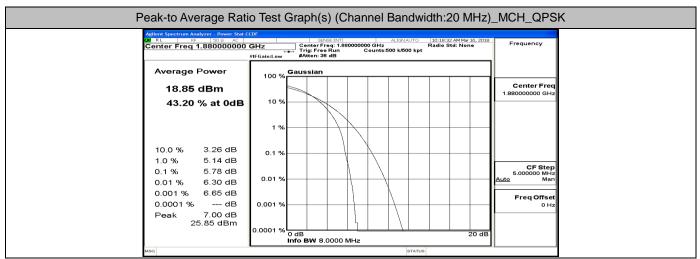


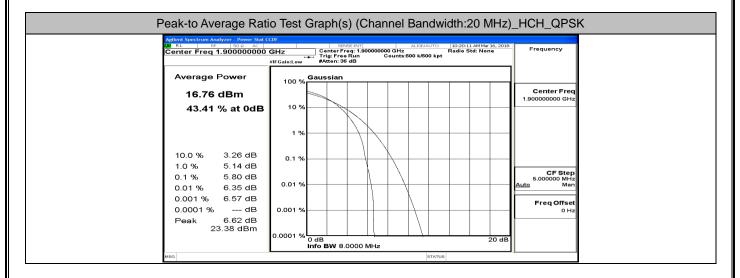


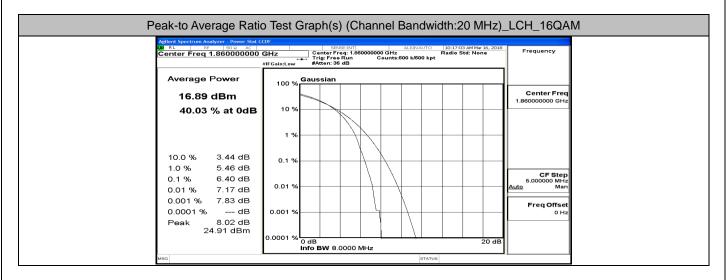


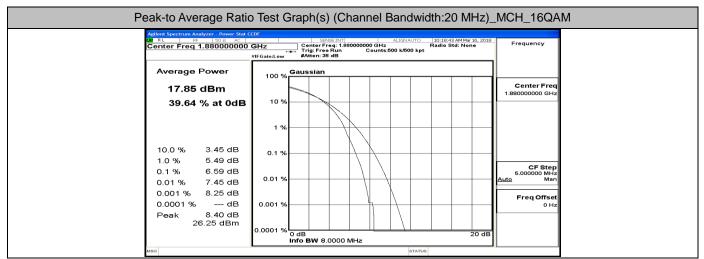


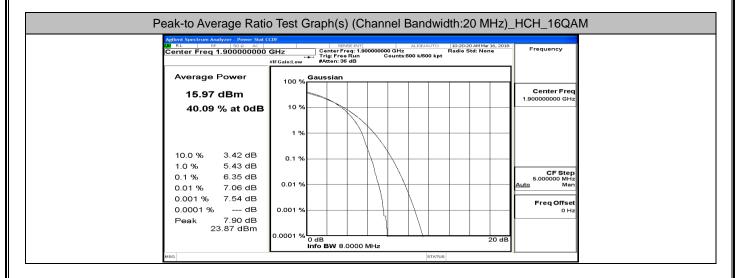












D.3 26dB Bandwidth and Occupied Bandwidth

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
iviodulation		(MHz)	(MHz)		
QPSK	LCH	1.0839	1.331	PASS	
	MCH	1.0770	1.224	PASS	
	HCH	1.0845	1.622	PASS	
16QAM	LCH	1.0858	1.238	PASS	
	MCH	1.0798	1.224	PASS	
	HCH	1.0830	1.549	PASS	

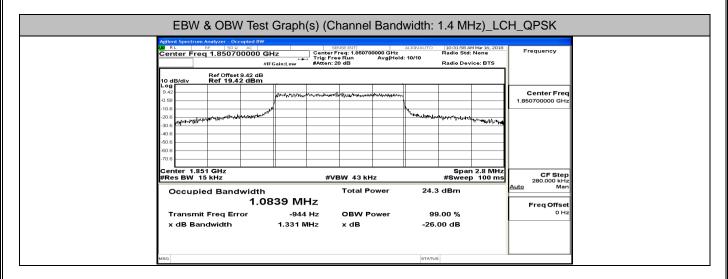
EBW & OBW Test Result (Channel Bandwidth: 3 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
		(MHz)	(MHz)		
QPSK	LCH	2.6908	3.314	PASS	
	MCH	2.6856	2.897	PASS	
	HCH	2.6945	3.585	PASS	
16QAM	LCH	2.6883	3.193	PASS	
	MCH	2.6862	2.876	PASS	
	HCH	2.6914	2.941	PASS	

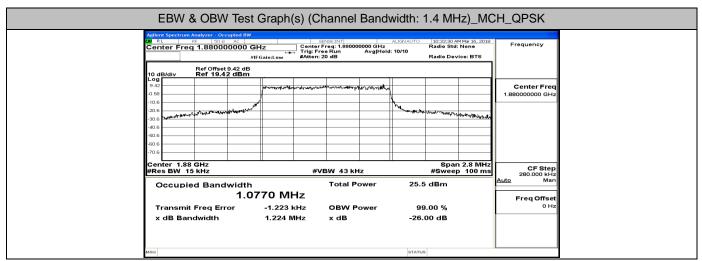
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
		(MHz)	(MHz)		
QPSK	LCH	4.4854	4.799	PASS	
	MCH	4.4829	4.837	PASS	
	HCH	4.4791	4.809	PASS	
16QAM	LCH	4.4803	4.802	PASS	
	MCH	4.4802	4.846	PASS	
	HCH	4.4875	4.836	PASS	

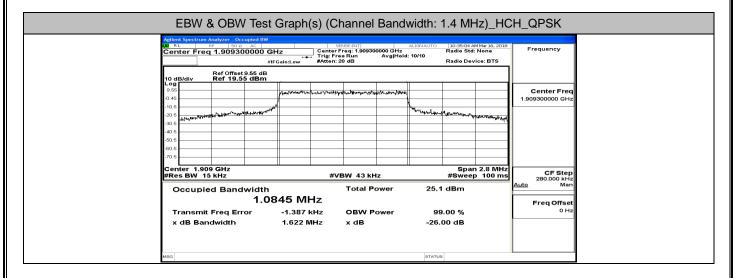
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
iviodulation		(MHz)	(MHz)		
QPSK	LCH	8.9513	9.469	PASS	
	MCH	8.9556	9.493	PASS	
	HCH	8.9315	9.484	PASS	
16QAM	LCH	8.9401	9.477	PASS	
	MCH	8.9355	9.472	PASS	
	HCH	8.9483	9.444	PASS	

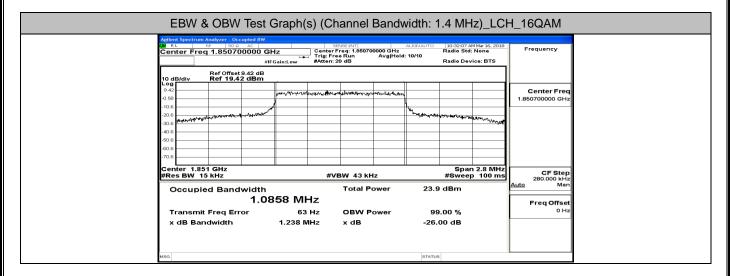
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
		(MHz)	(MHz)		
QPSK	LCH	13.401	14.09	PASS	
	MCH	13.419	14.14	PASS	
	HCH	13.418	17.54	PASS	
16QAM	LCH	13.396	14.12	PASS	
	MCH	13.419	14.09	PASS	
	HCH	13.403	14.17	PASS	

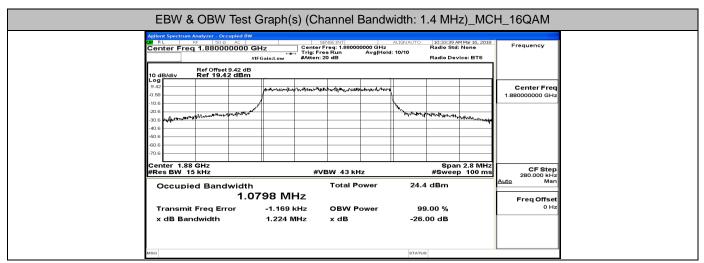
EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
		(MHz)	(MHz)	
QPSK	LCH	17.855	18.65	PASS
	MCH	17.897	18.75	PASS
	HCH	17.855	18.72	PASS
16QAM	LCH	17.860	18.55	PASS
	MCH	17.887	18.62	PASS
	HCH	17.834	18.59	PASS

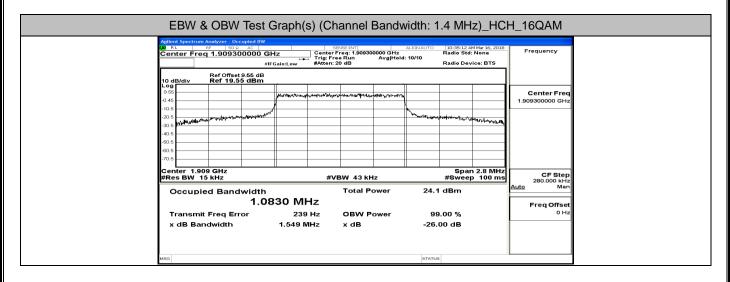


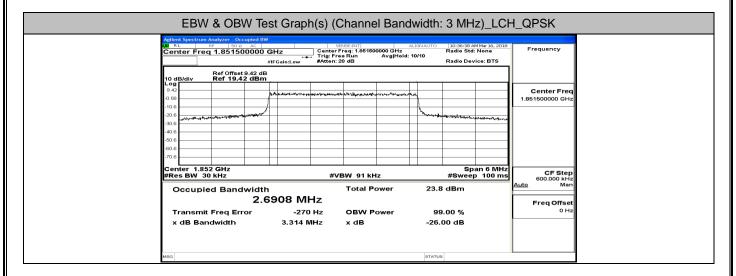


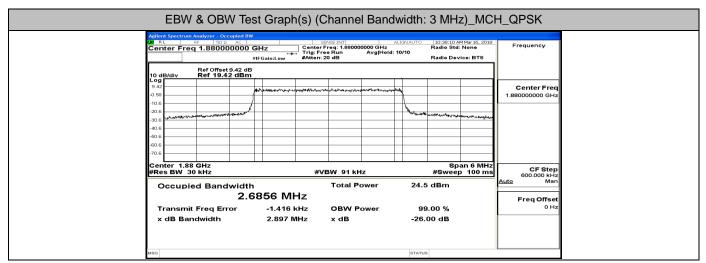


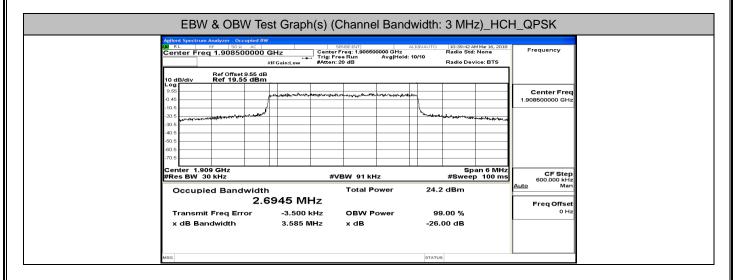


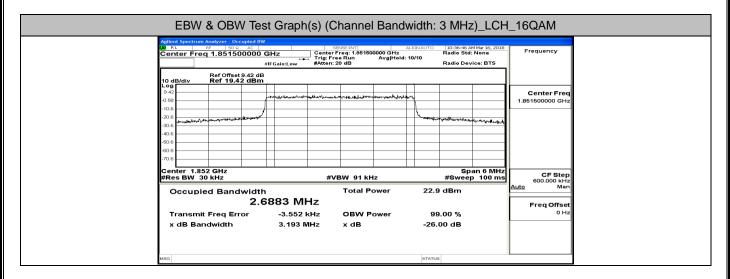


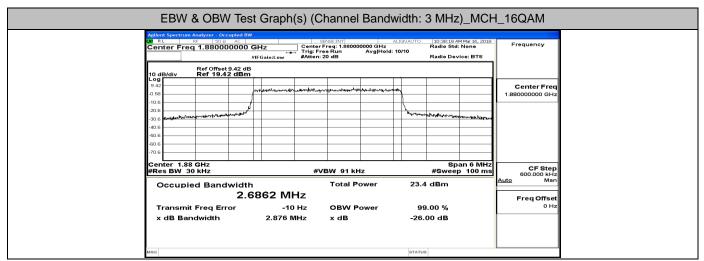


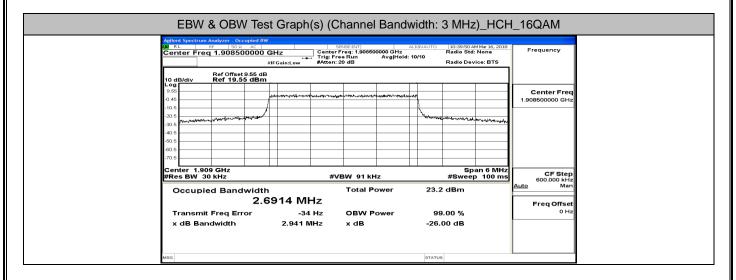


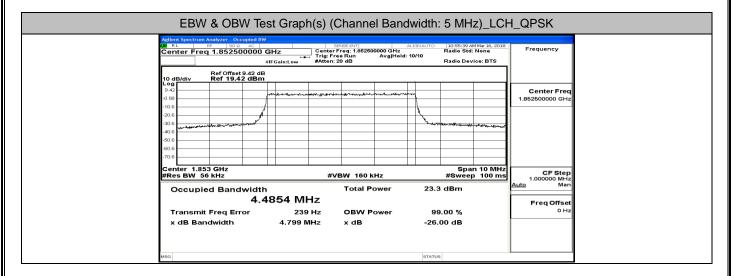


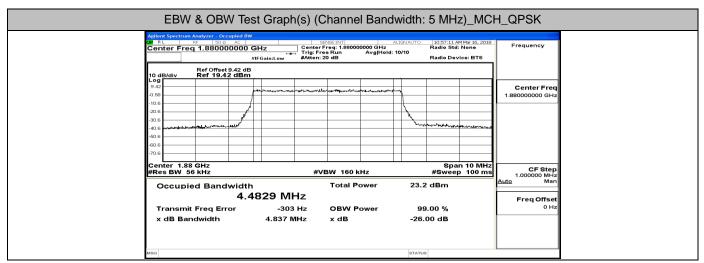


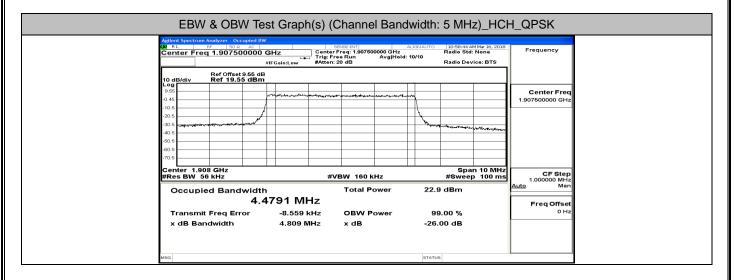


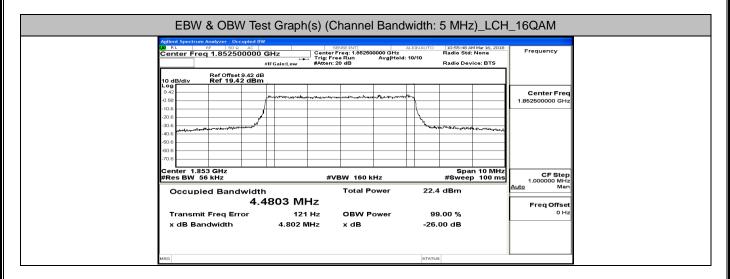


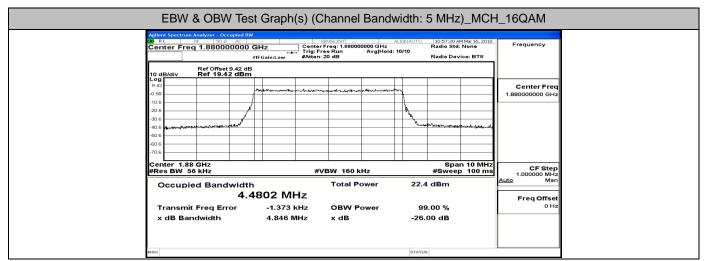


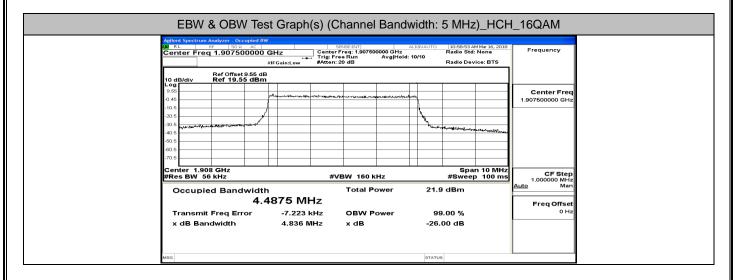


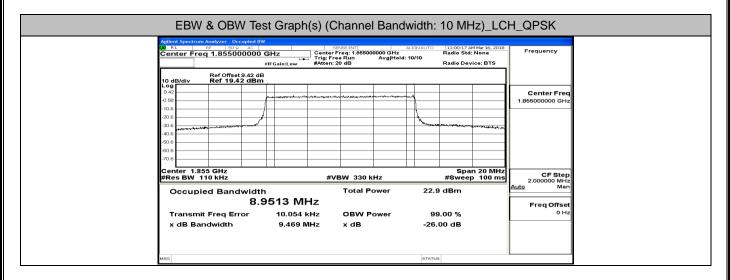


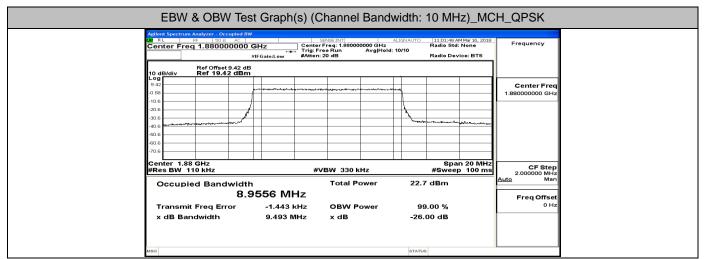


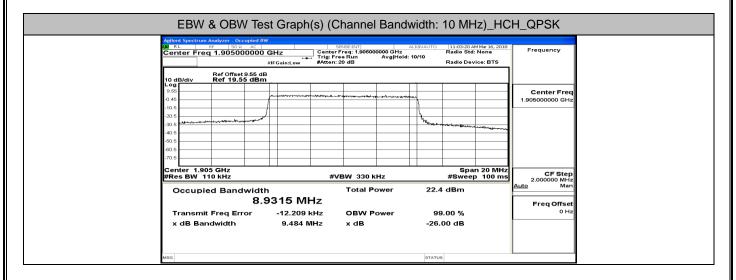


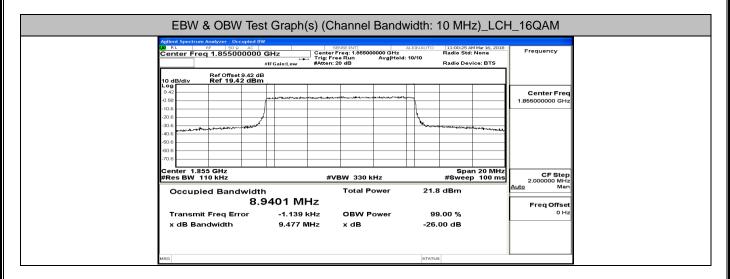


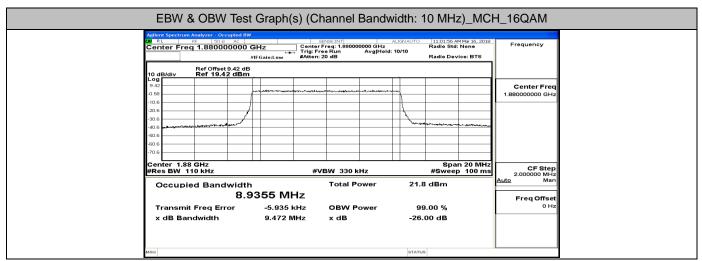


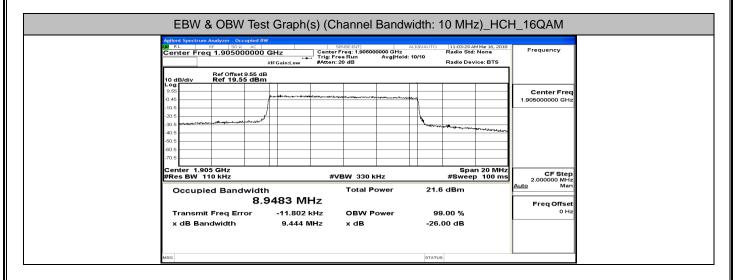


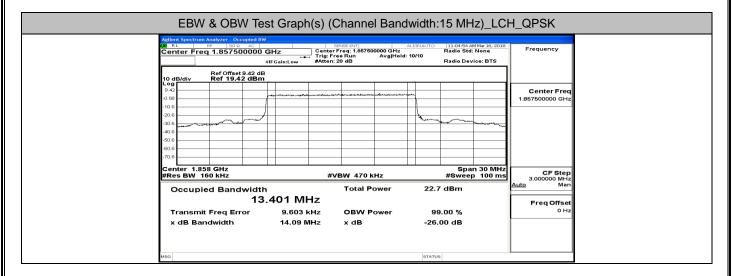


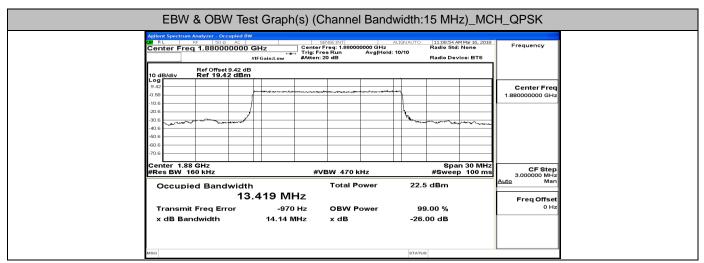


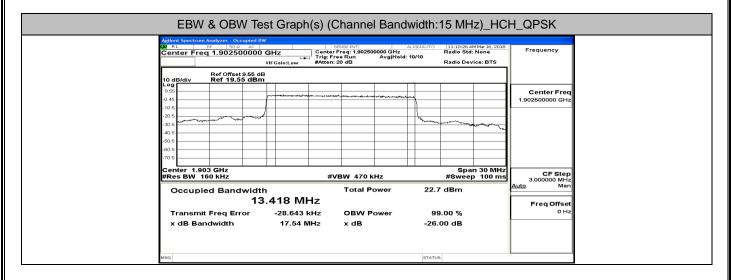


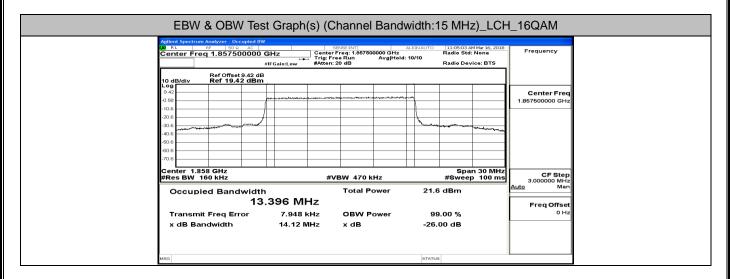


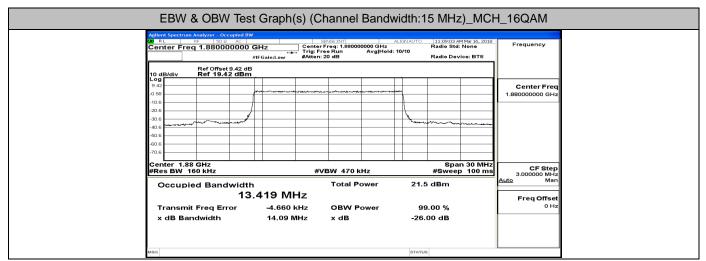


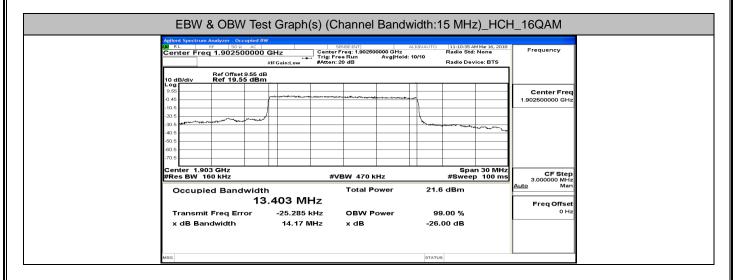


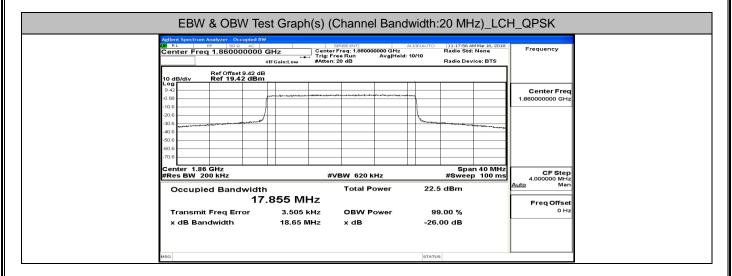


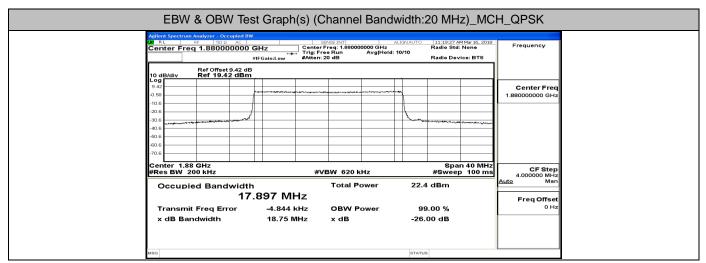


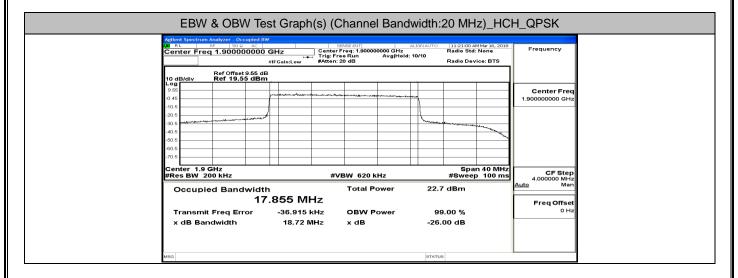


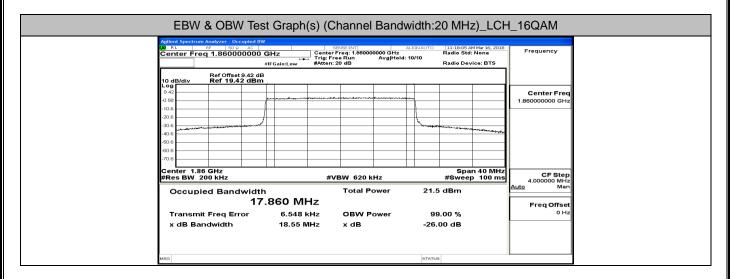


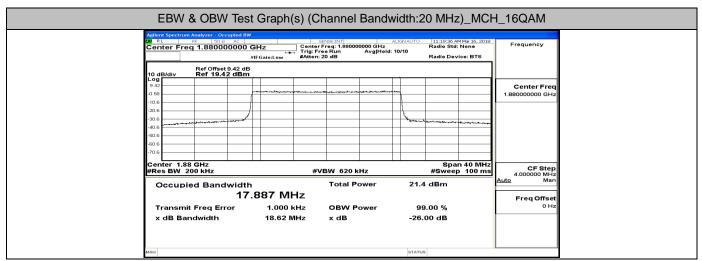


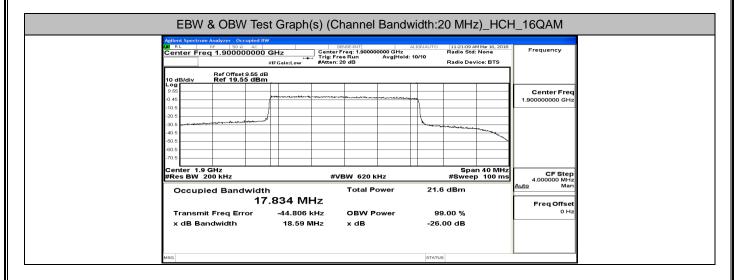












D.4 Band Edge

