Appendix D: Test Data for E-UTRA Band 5

Product Name: Tablet PC
Trade Mark: Acer
Test Model: Acer One 7 4G

Environmental Conditions

Temperature:	23.1 ° C
Relative Humidity:	51.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Wilson Hong
Supervised by:	Jayden Zhuo

D.1 Conducted Output Power

Channel Bandwidth: 1.4 MHz							
Modulation	Channel		figuration	Average Power [dBm]	E.i.r.p [dBm]	Verdict	
	0.10.1110.	Size	Offset		p [42]		
	-	1	0	23.06		PASS	
	-	1	3	23.29		PASS	
		1	5	22.31		PASS	
	LCH	3	0	22.42		PASS	
		3	2	22.62		PASS	
		3	3	22.42		PASS	
		6	0	22.50		PASS	
		1	0	22.46		PASS	
		1	3	22.54		PASS	
		1	5	22.52		PASS	
QPSK	MCH	3	0	22.65		PASS	
		3	2	22.35		PASS	
		3	3	22.65		PASS	
		6	0	22.74		PASS	
		1	0	22.89		PASS	
		1	3	22.37		PASS	
	HCH	1	5	22.10		PASS	
		3	0	22.57		PASS	
		3	2	22.08		PASS	
		3	3	22.57		PASS	
		6	0	22.63		PASS	
		1	0	22.07		PASS	
		1	3	21.45		PASS	
		1	5	22.12		PASS	
	LCH	3	0	21.96		PASS	
	-	3	2	21.29		PASS	
	-	3	3	21.26		PASS	
	-	6	0	22.00		PASS	
		1	0	22.17		PASS	
	-	1	3	21.52		PASS	
16QAM	-	1	5	21.66		PASS	
	MCH	3	0	22.12		PASS	
		3	2	22.07		PASS	
	-	3	3	21.45		PASS	
	-	6	0	21.83		PASS	
		1	0	21.50		PASS	
	-	1	3	21.89		PASS	
	НСН	1	5	21.63		PASS	
	. 1011	3	0	21.59		PASS	
		3	2	21.56		PASS	

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.			D. FCC ID: 2AMY3-ACERON	E74G Report No.: LCS18032	23004AEH	
		3	3	21.45		PASS
		6	0	20.97		PASS

			Channe	el Bandwidth: 3 MHz				
Modulation	Modulation Channel RB Configuration Average Power [dBm] E.i.r.p [dBm] Verdict							
- Triodalation	Onamo	Size	Offset		2p [d.5]			
	_	1	0	22.55		PASS		
		1	7	22.55		PASS		
		1	14	21.93		PASS		
	LCH	8	0	22.77		PASS		
		8	4	22.45		PASS		
		8	7	22.24		PASS		
		15	0	22.42		PASS		
		1	0	22.65		PASS		
		1	7	22.04		PASS		
		1	14	22.07		PASS		
QPSK	MCH	8	0	22.17		PASS		
		8	4	22.35		PASS		
		8	7	22.16		PASS		
		15	0	22.85		PASS		
		1	0	21.94		PASS		
	нсн	1	7	22.77		PASS		
		1	14	22.70		PASS		
		8	0	22.82		PASS		
		8	4	22.32		PASS		
		8	7	22.04		PASS		
	-	15	0	22.12		PASS		
		1	0	21.65		PASS		
	-	1	7	21.24		PASS		
	-	1	14	21.48		PASS		
	LCH	8	0	20.92		PASS		
		8	4	21.67		PASS		
	-	8	7	21.75		PASS		
	-	15	0	21.85		PASS		
		1	0	21.67		PASS		
16QAM		<u>'</u> 1	7	21.56		PASS		
		1	14	21.52		PASS		
	МСН	8	0	21.25		PASS		
		8	4	21.03		PASS		
		8	7	21.43		PASS		
	-	15	0	21.57		PASS		
		15	0			PASS		
	HCH		-	21.77				
		1	7	21.06		PASS		

SHENZHEN LCS C	SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.			D. FCC ID: 2AMY3-ACERO!	NE74G Report No.: LCS18032	<u>3004AEH</u>
		1	14	20.95		PASS
		8	0	21.57		PASS
		8	4	21.41		PASS
		8	7	20.74		PASS
		15	0	21.02		PASS

			Chann	nel Bandwidth: 5 MHz		
Marala de d	Ob a l	RB Conf	figuration		Einst ID 1	\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
Modulation	Channel	Size	Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict
		1	0	22.20		PASS
		1	12	21.84		PASS
		1	24	21.70		PASS
	LCH	12	0	22.30		PASS
		12	6	21.79		PASS
		12	13	22.25		PASS
		25	0	22.22		PASS
		1	0	22.37		PASS
		1	12	21.88		PASS
		1	24	21.61		PASS
QPSK	MCH	12	0	21.74		PASS
		12	6	21.53		PASS
		12	13	22.11		PASS
		25	0	22.25		PASS
	нсн	1	0	21.73		PASS
		1	12	21.86		PASS
		1	24	22.22		PASS
		12	0	22.34		PASS
		12	6	21.88		PASS
		12	13	21.58		PASS
		25	0	21.32		PASS
		1	0	20.73		PASS
		1	12	20.70		PASS
		1	24	20.60		PASS
	LCH	12	0	20.66		PASS
		12	6	20.98		PASS
		12	13	21.30		PASS
16QAM		25	0	21.07		PASS
		1	0	21.72		PASS
		1	12	21.78		PASS
	МСП	1	24	21.87		PASS
	MCH	12	0	21.73		PASS
		12	6	21.77		PASS
		12	13	21.64		PASS

<u>SHENZHEN LC</u>	CS COMPLIANCE	TESTING LA	BORATORY LT	D. FCC ID: 2AMY3-ACERO	ONE74G Report No.: LCS1803	23004AEH
		25	0	21.94		PASS
		1	0	20.73		PASS
		1	12	21.35		PASS
		1	24	20.63		PASS
	HCH	12	0	20.83		PASS
		12	6	21.04		PASS
		12	13	20.60		PASS
		25	0	20.73		PASS

			Channe	el Bandwidth: 10 MHz		
Modulation	Channel	RB Cont	figuration Offset	Average Power [dBm]	E.i.r.p [dBm]	Verdict
		1	0	22.40		PASS
		1	24	21.72		PASS
		1	49	21.94		PASS
	LCH	25	0	21.70		PASS
		25	12	21.62		PASS
		25	25	21.79		PASS
		50	0	21.99		PASS
		1	0	21.74		PASS
		1	24	22.10		PASS
		1	49	22.04		PASS
QPSK	MCH	25	0	22.22		PASS
		25	12	21.72		PASS
		25	25	21.84		PASS
		50	0	21.90		PASS
		1	0	22.50		PASS
		1	24	22.45		PASS
		1	49	22.39		PASS
	HCH	25	0	21.56		PASS
		25	12	22.14		PASS
		25	25	21.37		PASS
		50	0	21.16		PASS
		1	0	21.13		PASS
		1	24	20.87		PASS
		1	49	20.95		PASS
	LCH	25	0	21.35		PASS
		25	12	20.68		PASS
16QAM		25	25	21.19		PASS
		50	0	21.03		PASS
		1	0	20.98		PASS
	MCH	1	24	21.17		PASS
	IVICH	1	49	21.38		PASS
		25	0	21.26		PASS

SHENZHEN LO	CS COMPLIANCE	E TESTING LA	BORATORY LTI	D. FCC ID: 2AMY3-ACERC	ONE74G Report No.: LCS180323004	<u> 4AEH</u>
		25	12	21.05	PA	SS
		25	25	21.05	PA	SS
		50	0	21.15	PA	SS
		1	0	21.16	PA	SS
		1	24	20.66	PA	SS
		1	49	20.65	PA	SS
	HCH	25	0	20.54	PA	SS
		25	12	20.99	PA	SS
		25	25	20.51	PA	SS
		50	0	20.26	PA	SS

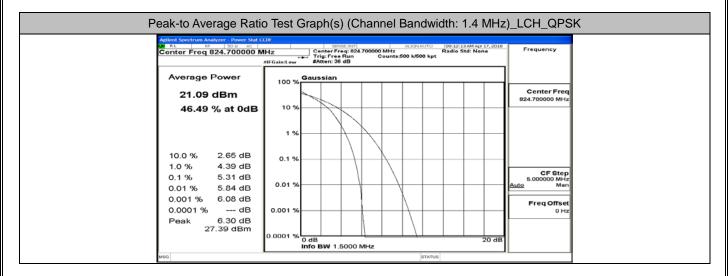
D.2 Peak-to-Average Ratio

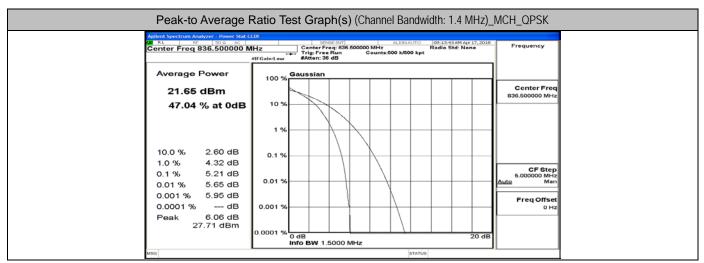
	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)										
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict							
Wiodulation	Charmer	[dB]	[dB]	verdict							
	LCH	5.31	<13	PASS							
QPSK	MCH	5.21	<13	PASS							
	HCH	5.67	<13	PASS							
	LCH	6.14	<13	PASS							
16QAM	MCH	6.10	<13	PASS							
	HCH	6.48	<13	PASS							

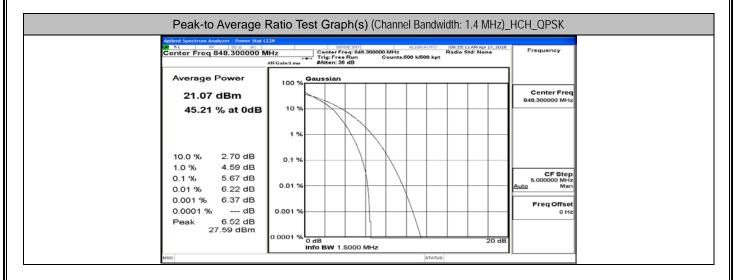
Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)									
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict					
Modulation	Channel	[dB]	[dB]	verdict					
	LCH	5.42	<13	PASS					
QPSK	MCH	5.34	<13	PASS					
	HCH	5.84	<13	PASS					
	LCH	6.25	<13	PASS					
16QAM	MCH	6.25	<13	PASS					
	HCH	6.57	<13	PASS					

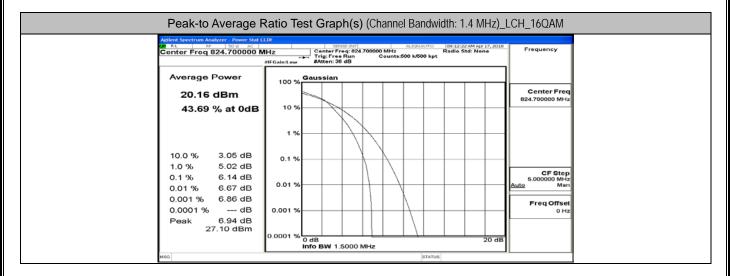
	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)									
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict						
iviodulation	Chame	[dB]	[dB]	verdict						
	LCH	5.48	<13	PASS						
QPSK	MCH	5.39	<13	PASS						
	HCH	5.81	<13	PASS						
	LCH	6.29	<13	PASS						
16QAM	MCH	6.17	<13	PASS						
	HCH	6.59	<13	PASS						

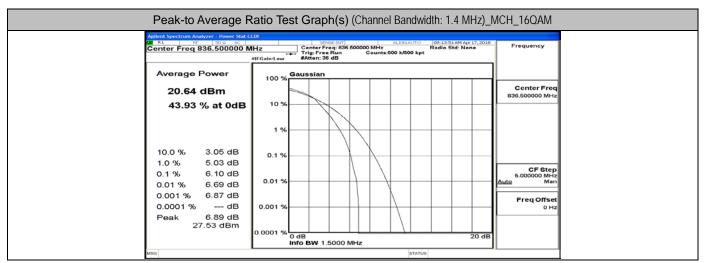
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
		[dB]	[dB]		
QPSK	LCH	5.43	<13	PASS	
	MCH	5.51	<13	PASS	
	HCH	5.70	<13	PASS	
16QAM	LCH	6.23	<13	PASS	
	MCH	6.19	<13	PASS	
	HCH	6.46	<13	PASS	

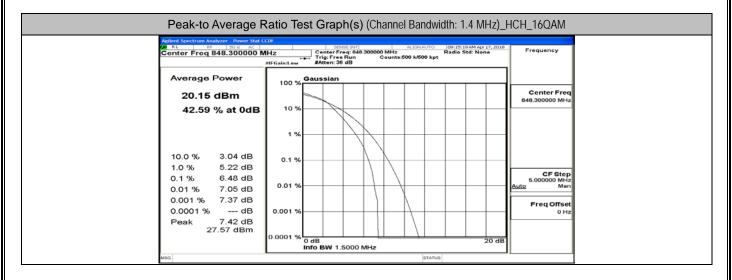


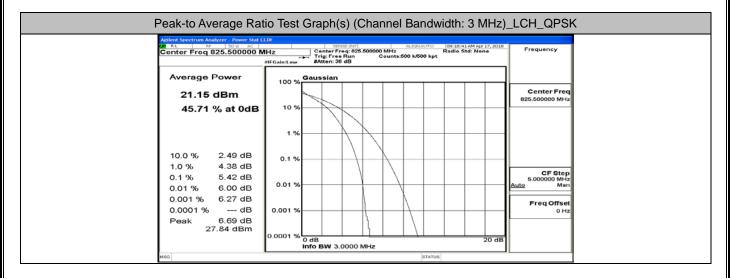


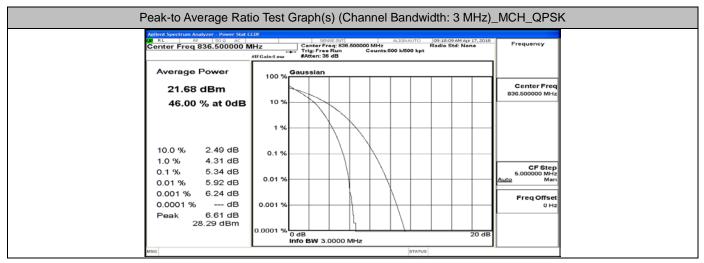


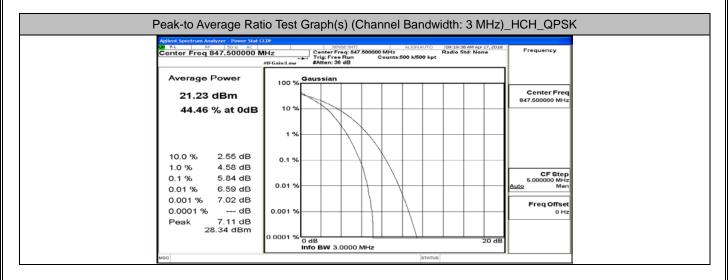


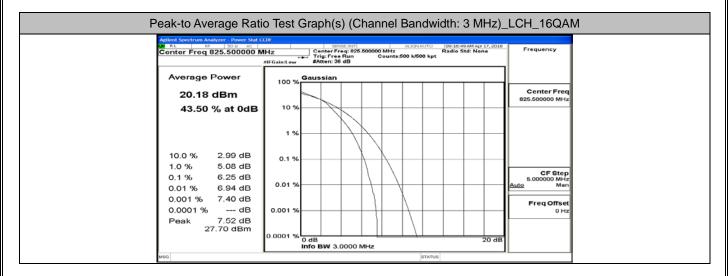


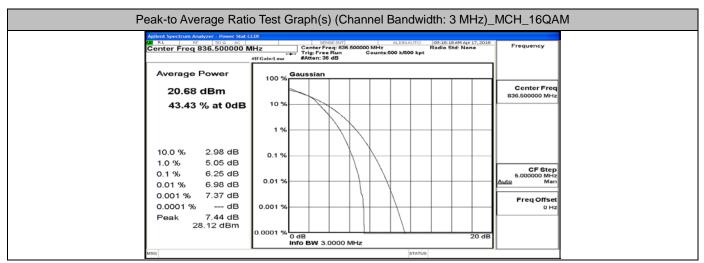


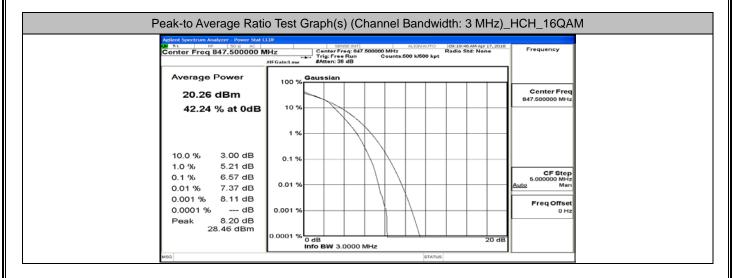


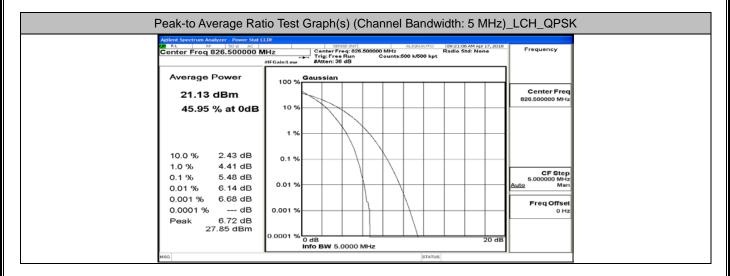


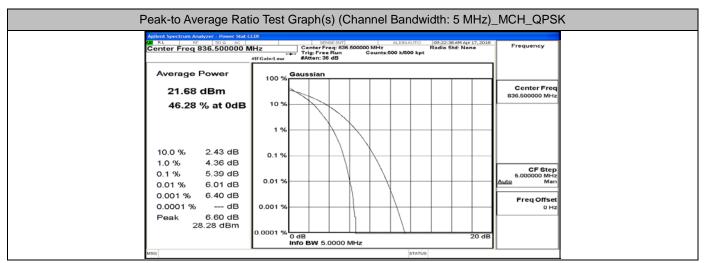


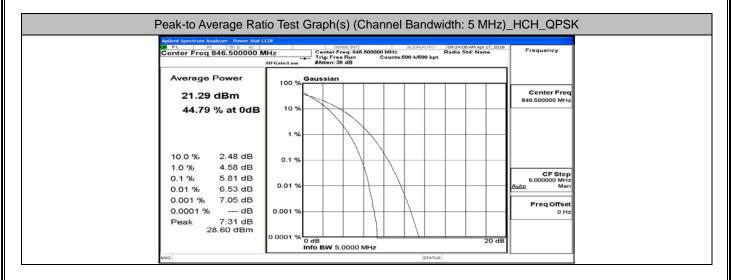


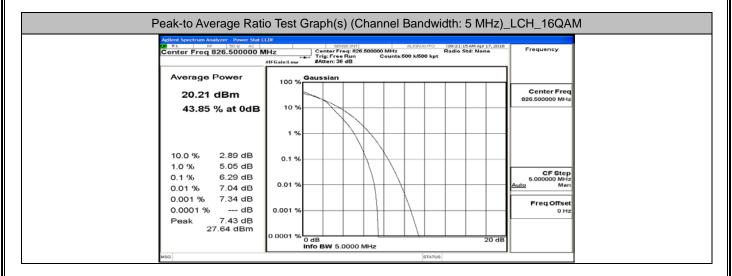


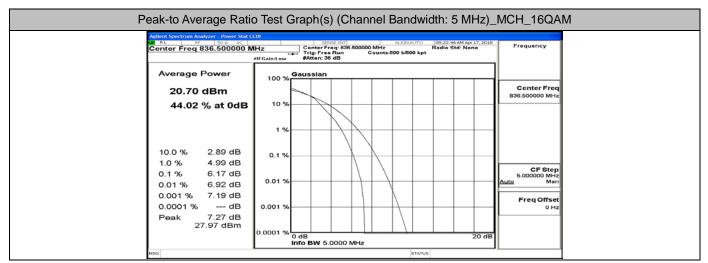


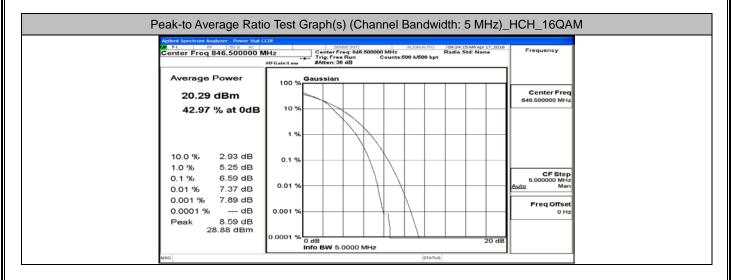






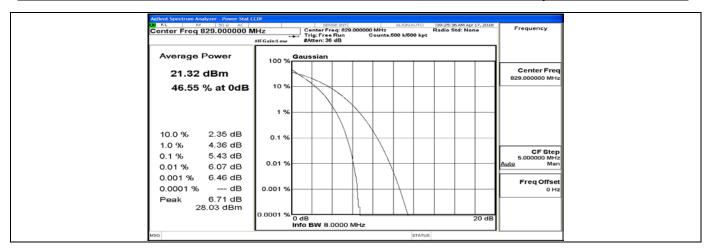


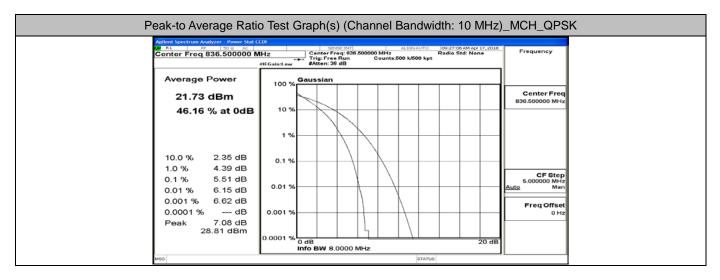


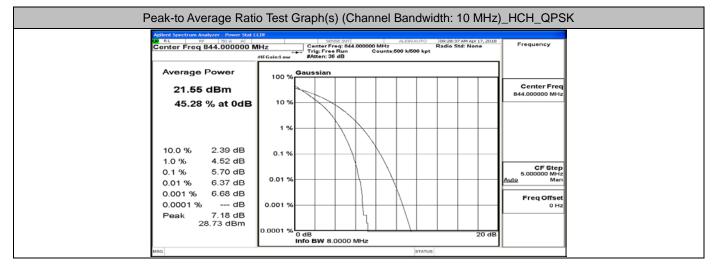


Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

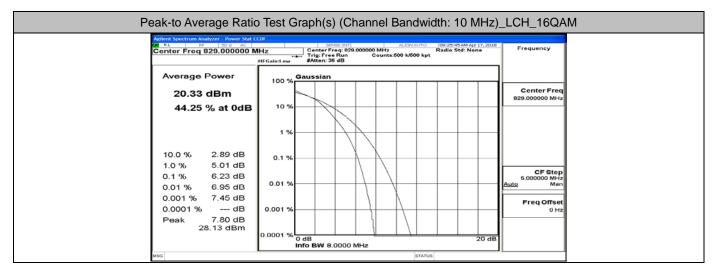
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AMY3-ACERONE74G Report No.: LCS180323004AEH

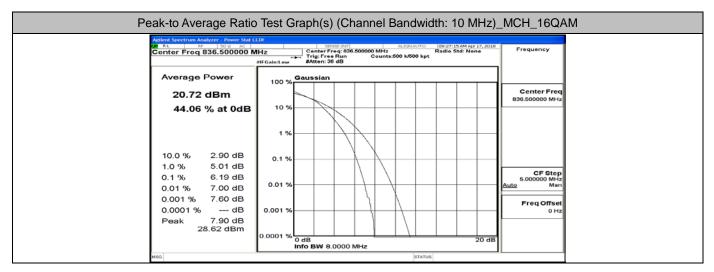


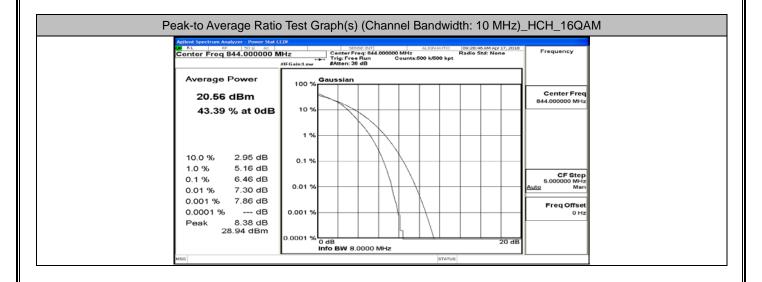




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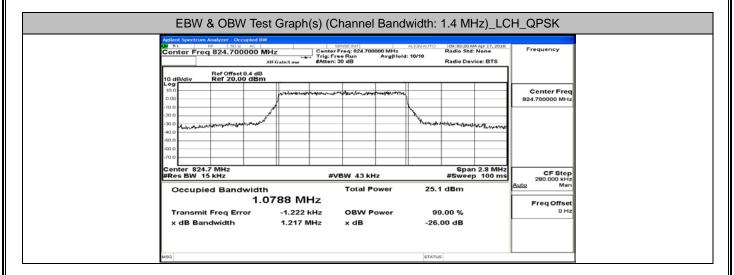
D.3 26dB Bandwidth and Occupied Bandwidth

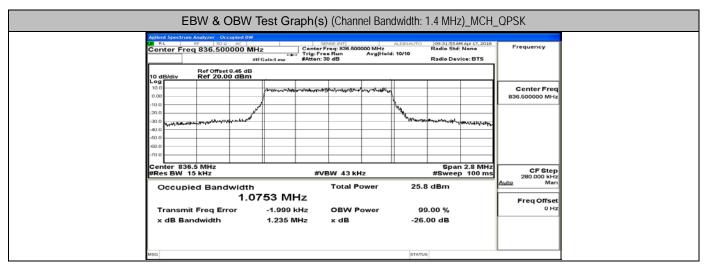
EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
		(MHz)	(MHz)		
QPSK	LCH	1.0788	1.217	PASS	
	MCH	1.0753	1.235	PASS	
	HCH	1.0788	1.228	PASS	
16QAM	LCH	1.0808	1.218	PASS	
	MCH	1.0806	1.226	PASS	
	HCH	1.0788	1.226	PASS	

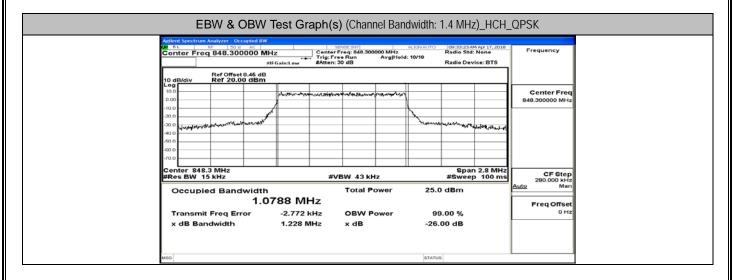
EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6870	2.878	PASS
	MCH	2.6854	2.864	PASS
	HCH	2.6824	2.871	PASS
16QAM	LCH	2.6858	2.861	PASS
	MCH	2.6808	2.860	PASS
	HCH	2.6890	2.885	PASS

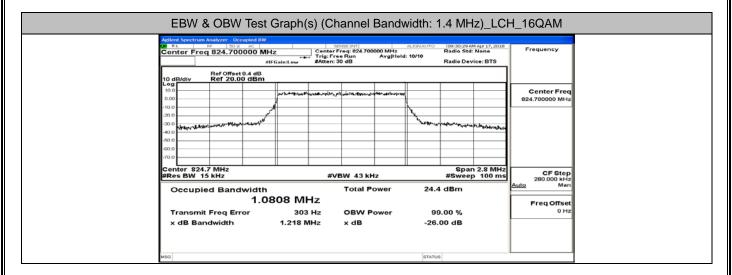
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
		(MHz)	(MHz)		
QPSK	LCH	4.4849	4.788	PASS	
	MCH	4.4845	4.844	PASS	
	HCH	4.4797	4.853	PASS	
16QAM	LCH	4.4842	4.849	PASS	
	MCH	4.4796	4.832	PASS	
	HCH	4.4867	4.826	PASS	

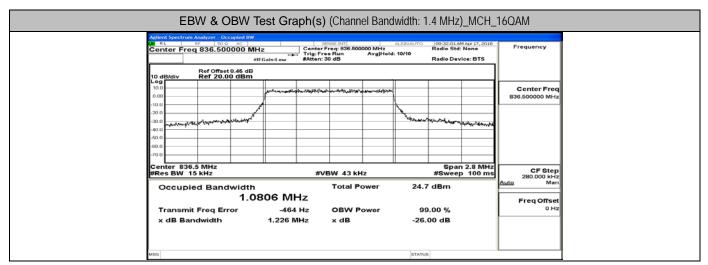
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
		(MHz)	(MHz)	
QPSK	LCH	8.9321	9.413	PASS
	MCH	8.9524	9.506	PASS
	HCH	8.9391	9.431	PASS
16QAM	LCH	8.9293	9.488	PASS
	MCH	8.9401	9.462	PASS
	HCH	8.9407	9.419	PASS

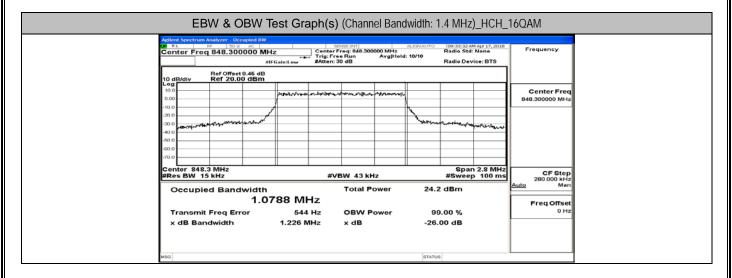


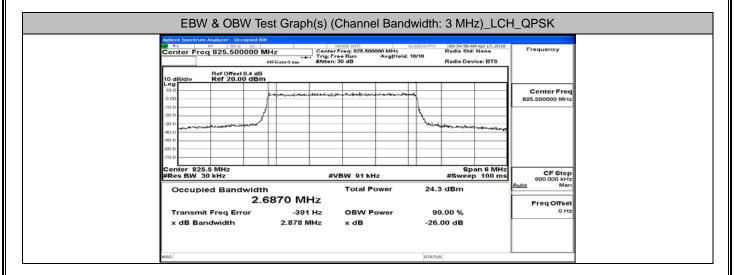


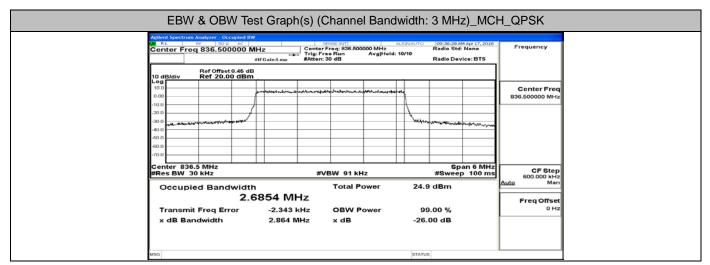


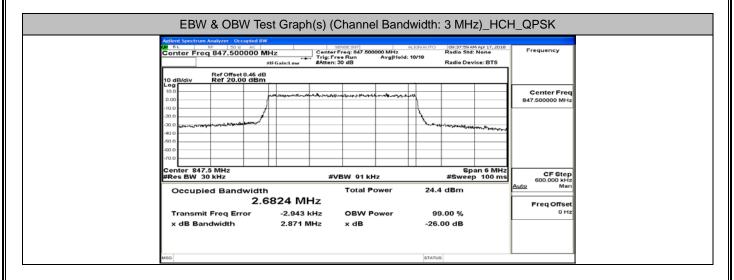


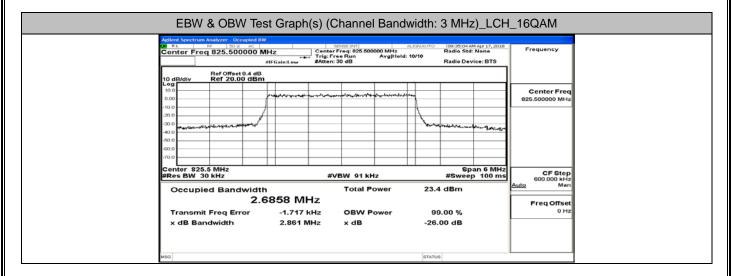


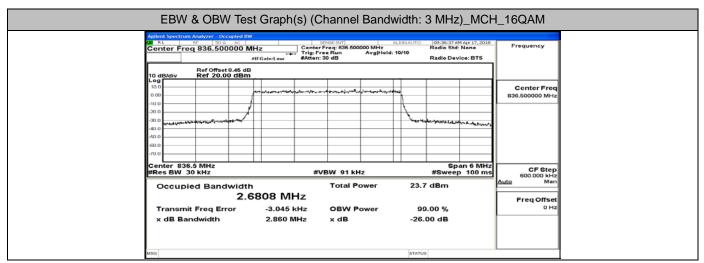


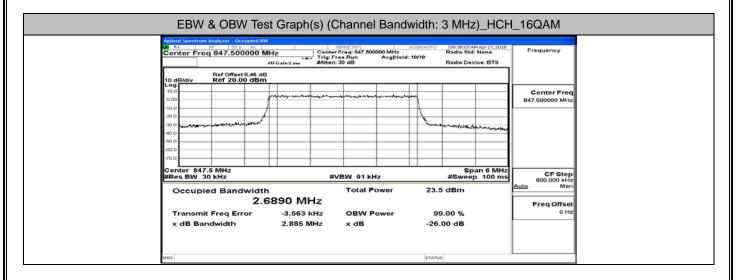


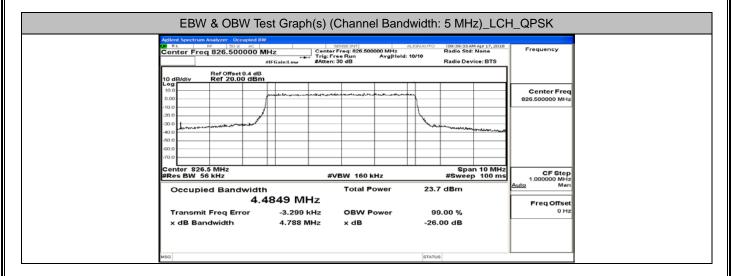


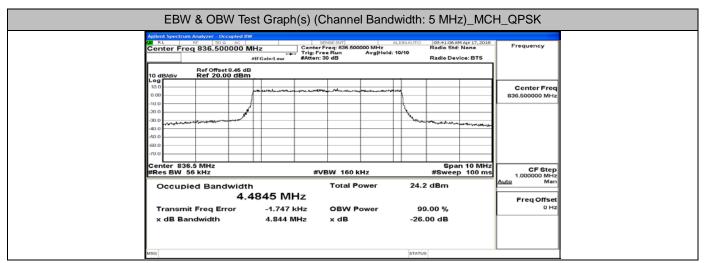


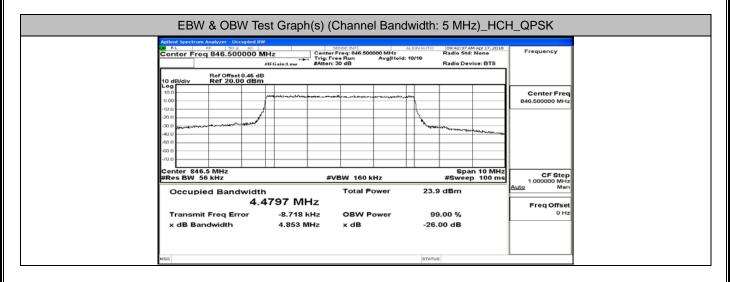


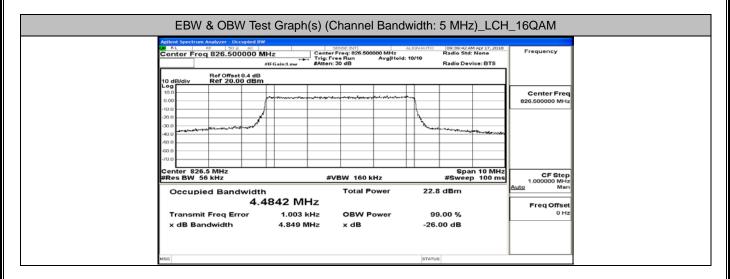


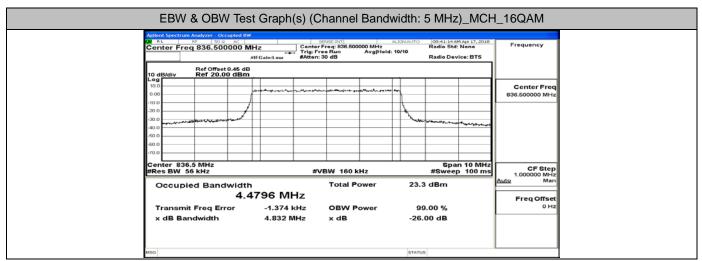


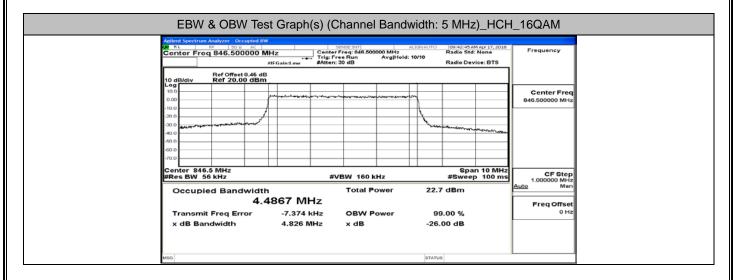


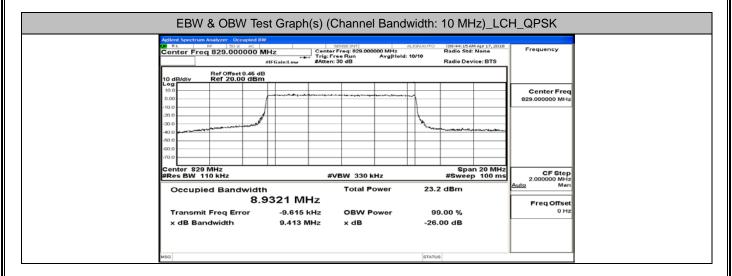


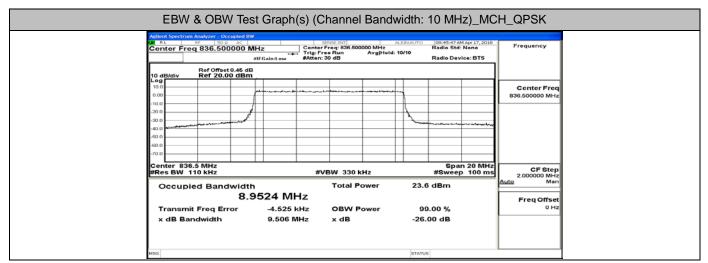


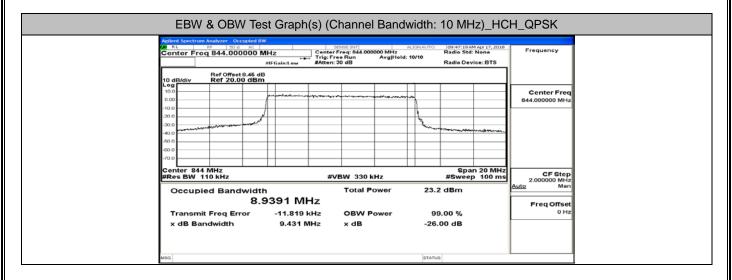


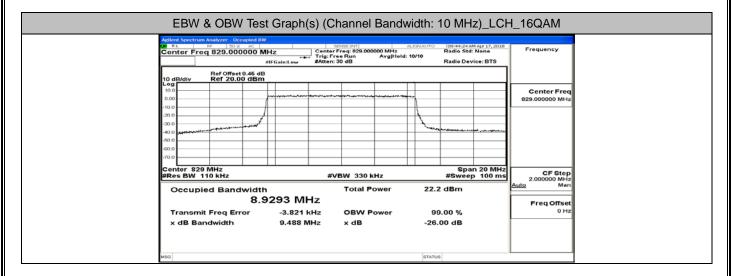


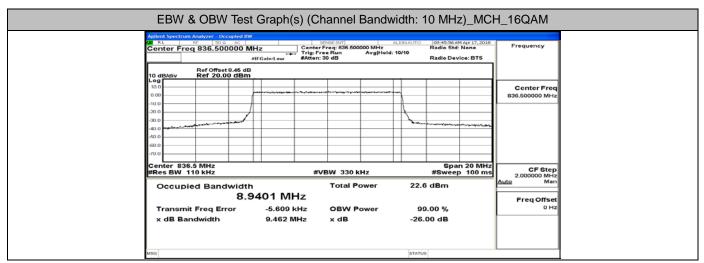


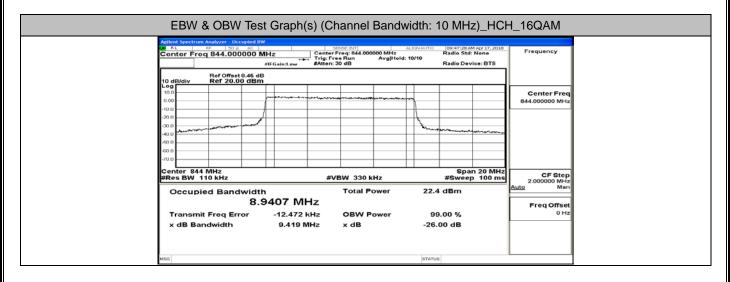












D.4 Band Edge

