## Appendix D: Test Data for E-UTRA Band 2

**Product Name: Tablet pc** Trade Mark: N/A Test Model: 10LB1

## **Environmental Conditions**

Temperature:	24.2° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Li Huan

**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	Onamici	Size	Offset	QPSK	16QAM	Verdict		
		1	0	22.41	21.75	PASS		
		1	3	22.42	21.82	PASS		
		1	5	22.56	21.63	PASS		
	LCH	3	0	22.51	21.45	PASS		
		3	2	22.61	21.59	PASS		
		3	3	22.55	21.36	PASS		
		6	0	21.58	20.40	PASS		
	MCH	1	0	22.59	21.81	PASS		
		1	3	22.71	21.81	PASS		
QPSK /		1	5	22.80	21.68	PASS		
16QAM		3	0	22.84	21.90	PASS		
TOQAIVI		3	2	22.91	21.23	PASS		
		3	3	22.80	21.89	PASS		
		6	0	21.73	20.66	PASS		
		1	0	22.68	22.06	PASS		
		1	3	22.37	21.90	PASS		
		1	5	22.08	21.55	PASS		
	HCH	3	0	22.57	21.69	PASS		
		3	2	22.27	21.49	PASS		
		3	3	22.10	21.29	PASS		
		6	0	21.79	20.55	PASS		

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)								
Modulation	Channel	RB Con	figuration Offset	Average Power [dBm]  QPSK	Average Power [dBm] 16QAM	Verdict		
			0	· · · · · · · · · · · · · · · · · · ·		PASS		
		1		22.78	22.06			
		1	7	22.91	22.30	PASS		
		1	14	22.63	21.74	PASS		
	LCH	8	0	21.71	20.53	PASS		
		8	4	21.72	20.55	PASS		
		8	7	21.65	20.34	PASS		
		15	0	21.54	20.57	PASS		
		1	0	22.89	22.28	PASS		
	MCH	1	7	22.97	22.27	PASS		
QPSK /		1	14	22.82	22.02	PASS		
16QAM		8	0	21.87	20.99	PASS		
TOQAIVI		8	4	21.92	21.03	PASS		
		8	7	21.87	21.09	PASS		
		15	0	21.87	20.99	PASS		
		1	0	22.71	20.45	PASS		
		1	7	22.73	20.53	PASS		
		1	14	21.84	20.72	PASS		
	HCH	8	0	21.37	21.03	PASS		
		8	4	21.45	21.12	PASS		
		8	7	21.74	21.36	PASS		
		15	0	21.82	21.25	PASS		

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/andiat		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	21.63	20.79	PASS		
		1	12	22.53	21.67	PASS		
		1	24	22.79	22.06	PASS		
	LCH	12	0	20.99	20.07	PASS		
		12	6	21.22	20.29	PASS		
		12	13	21.46	20.56	PASS		
		25	0	21.18	20.23	PASS		
		1	0	25.15	24.21	PASS		
	МСН	1	12	25.51	24.65	PASS		
QPSK /		1	24	25.30	24.46	PASS		
16QAM		12	0	24.30	23.40	PASS		
TOQAIVI		12	6	24.30	23.42	PASS		
		12	13	24.21	23.35	PASS		
		25	0	24.26	23.29	PASS		
		1	0	23.29	22.54	PASS		
		1	12	23.78	23.16	PASS		
		1	24	23.77	22.99	PASS		
	HCH	12	0	22.53	21.62	PASS		
		12	6	22.61	21.68	PASS		
		12	13	22.63	21.71	PASS		
		25	0	22.59	21.63	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)								
Modulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/ordiot			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	21.35	20.36	PASS			
		1	24	21.25	20.45	PASS			
		1	49	21.17	20.74	PASS			
	LCH	25	0	21.05	20.43	PASS			
		25	12	21.08	20.52	PASS			
		25	25	21.31	20.64	PASS			
		50	0	21.24	20.37	PASS			
		1	0	21.09	20.20	PASS			
		1	24	21.43	20.71	PASS			
QPSK /		1	49	21.35	20.73	PASS			
16QAM	MCH	25	0	20.34	20.33	PASS			
TOQAIVI		25	12	20.32	20.34	PASS			
		25	25	20.32	20.12	PASS			
		50	0	20.29	20.42	PASS			
		1	0	22.75	21.85	PASS			
		1	24	23.45	22.64	PASS			
		1	49	23.80	23.04	PASS			
	HCH	25	0	22.22	21.18	PASS			
		25	12	22.33	21.33	PASS			
		25	25	22.47	21.48	PASS			
		50	0	22.28	21.32	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)								
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict			
		1	0	20.34	20.12	PASS			
		1	37	20.41	20.21	PASS			
		1	74	20.30	20.33	PASS			
	LCH	37	0	20.14	20.42	PASS			
		37	18	20.36	20.37	PASS			
		37	38	20.42	20.35	PASS			
		75	0	20.71	20.42	PASS			
		1	0	20.83	20.31	PASS			
	МСН	1	37	21.48	20.64	PASS			
QPSK /		1	74	21.29	20.54	PASS			
16QAM		37	0	20.44	20.34	PASS			
TOQAIVI		37	18	20.46	20.42	PASS			
		37	38	20.35	20.62	PASS			
		75	0	20.38	20.71	PASS			
		1	0	22.04	21.23	PASS			
		1	37	23.26	22.33	PASS			
		1	74	23.67	22.89	PASS			
	HCH	37	0	21.67	20.53	PASS			
		37	18	22.09	21.05	PASS			
		37	38	22.24	21.25	PASS			
		75	0	21.91	20.89	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)								
Madulation	Channal	RB Configuration		Average Power [dBm]	Average Power [dBm]	\/a ==li =4			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	20.75	20.42	PASS			
		1	49	20.30	20.29	PASS			
		1	99	20.26	20.34	PASS			
	LCH	50	0	20.38	20.33	PASS			
		50	25	20.45	20.36	PASS			
		50	50	20.86	20.42	PASS			
		100	0	2077	20.41	PASS			
	мсн	1	0	2068	20.40	PASS			
		1	49	21.54	20.78	PASS			
QPSK /		1	99	21.23	20.57	PASS			
16QAM		50	0	20.75	20.35	PASS			
TOQAW		50	25	20.32	20.38	PASS			
		50	50	20.28	20.43	PASS			
		100	0	20.52	20.43	PASS			
		1	0	21.31	20.59	PASS			
		1	49	22.80	21.91	PASS			
		1	99	23.35	22.65	PASS			
	HCH	50	0	20.85	20.52	PASS			
		50	25	21.62	20.64	PASS			
		50	50	21.82	20.84	PASS			
		100	0	21.30	20.31	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		
IVIOGUIATION	Chame	[dB]	[dB]	verdict		
	LCH	4.84	<13	PASS		
QPSK	MCH	4.63	<13	PASS		
	HCH	5.39	<13	PASS		
16QAM	LCH	5.77	<13	PASS		
	MCH	5.47	<13	PASS		
	HCH	6.4	<13	PASS		

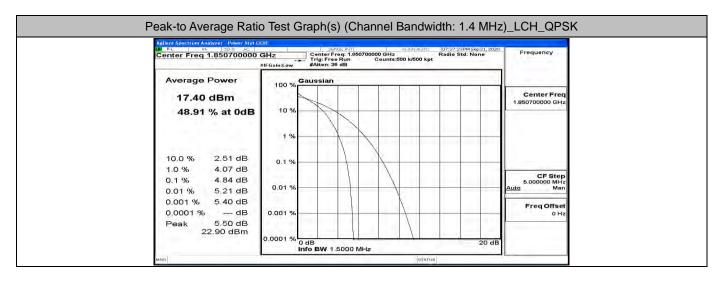
Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Gnannei	[dB]	[dB]	verdict		
	LCH	5.15	<13	PASS		
QPSK	MCH	4.84	<13	PASS		
	HCH	5.36	<13	PASS		
	LCH	6.09	<13	PASS		
16QAM	MCH	5.66	<13	PASS		
	HCH	6.25	<13	PASS		

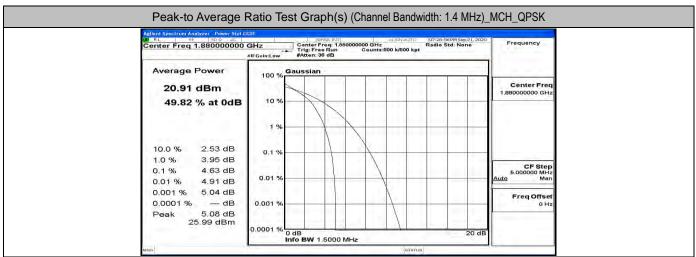
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Griannei	[dB]	[dB]	verdict		
	LCH	5.45	<13	PASS		
QPSK	MCH	4.8	<13	PASS		
	HCH	5.51	<13	PASS		
	LCH	6.17	<13	PASS		
16QAM	MCH	5.6	<13	PASS		
	HCH	6.23	<13	PASS		

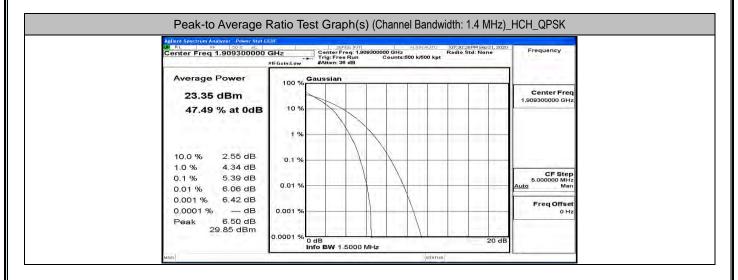
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Chamilei	[dB]	[dB]	verdict		
	LCH	5.76	<13	PASS		
QPSK	MCH	5.03	<13	PASS		
	HCH	5.17	<13	PASS		
	LCH	6.38	<13	PASS		
16QAM	MCH	5.76	<13	PASS		
	HCH	5.97	<13	PASS		

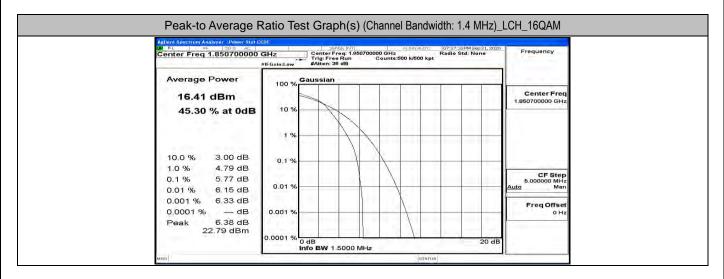
	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict			
Modulation	Grianne	[dB]	[dB]	verdict			
	LCH	5.16	<13	PASS			
QPSK	MCH	4.98	<13	PASS			
	HCH	4.88	<13	PASS			
	LCH	6.37	<13	PASS			
16QAM	MCH	6.08	<13	PASS			
	HCH	6.03	<13	PASS			

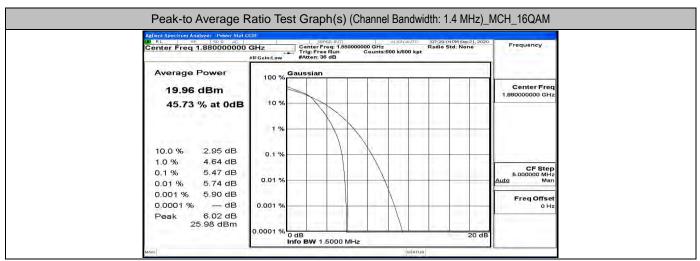
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
M. I.I.C	Channel	Peak-to-Average Ratio	Limit	Verdict
Modulation		[dB]	[dB]	
QPSK	LCH	5.81	<13	PASS
	MCH	5.86	<13	PASS
	HCH	5.61	<13	PASS
16QAM	LCH	6.83	<13	PASS
	MCH	6.65	<13	PASS
	HCH	6.56	<13	PASS

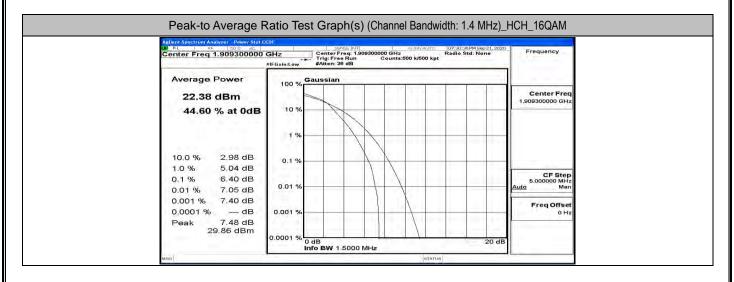


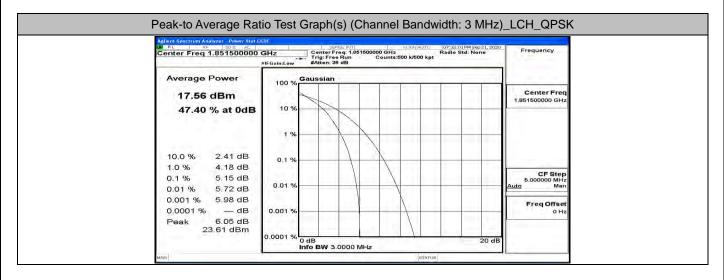


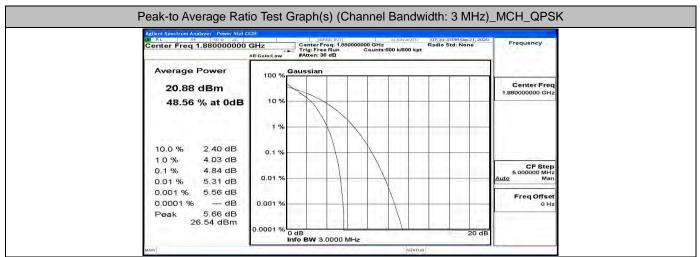


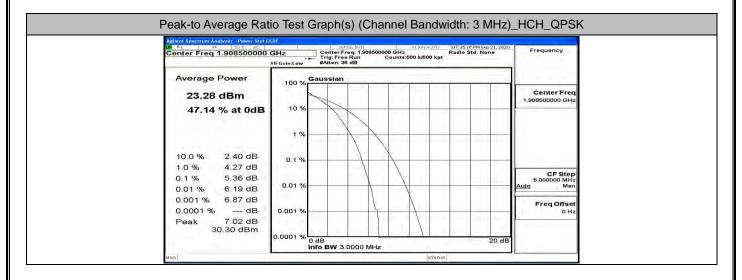


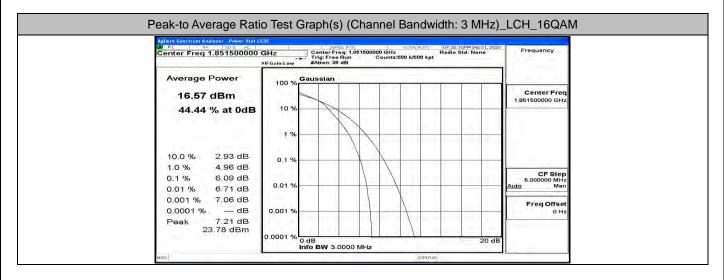


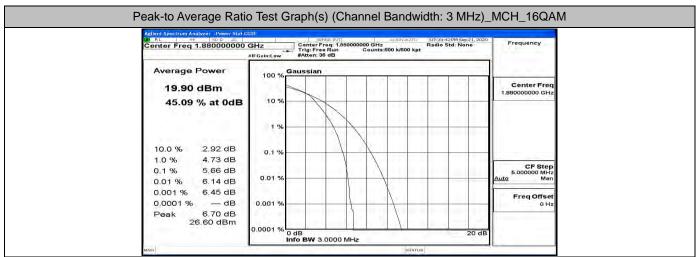


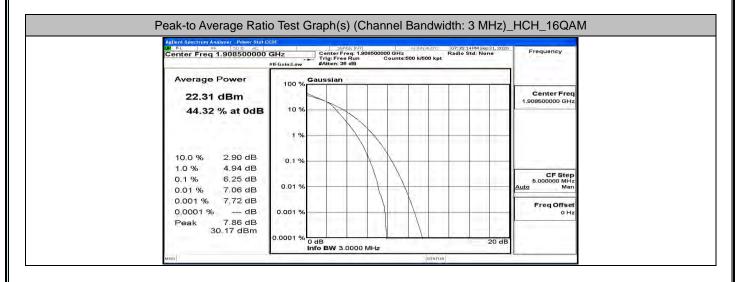


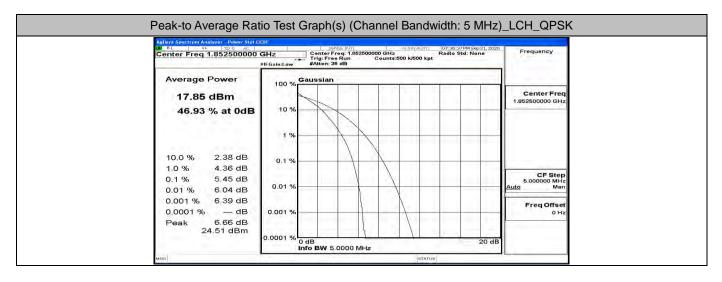


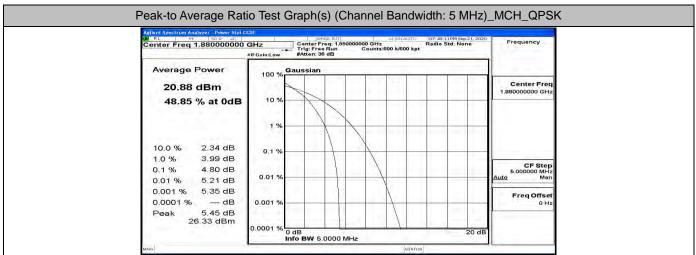


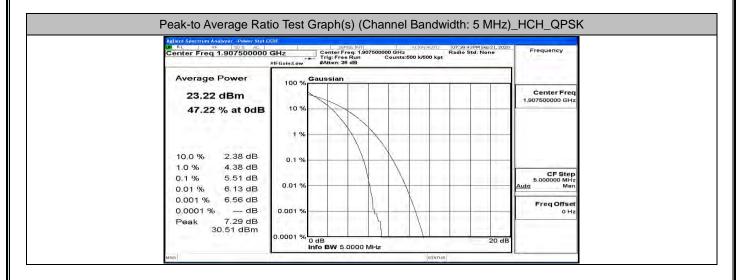


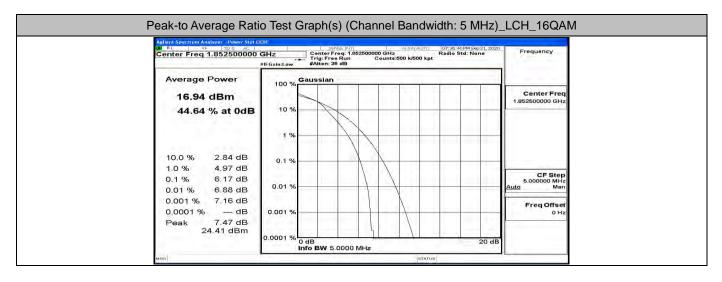


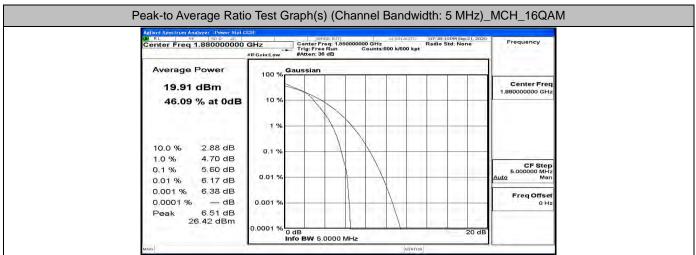


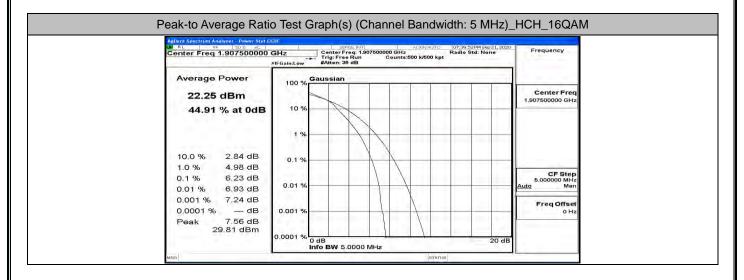


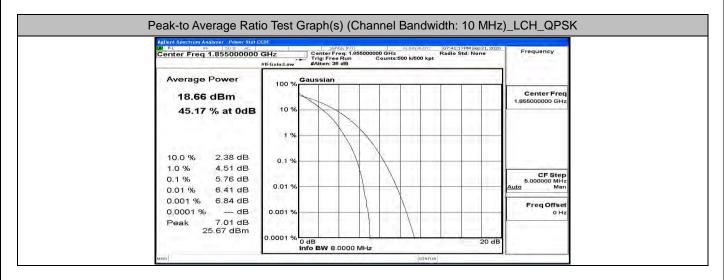


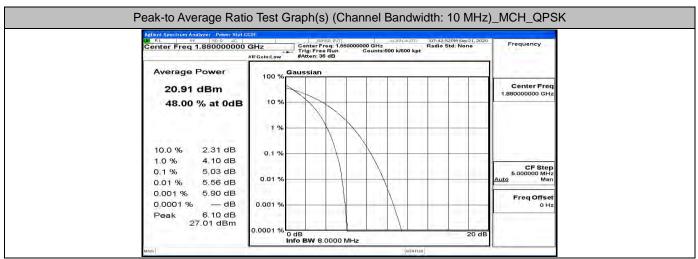


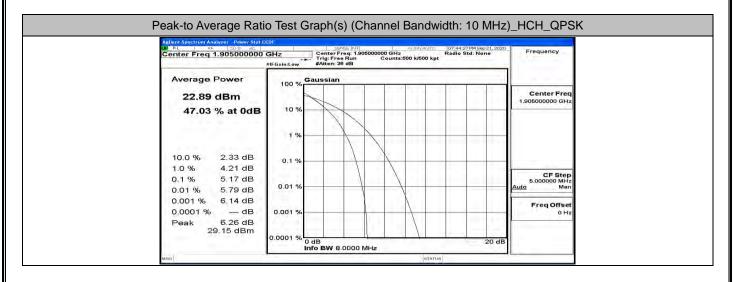


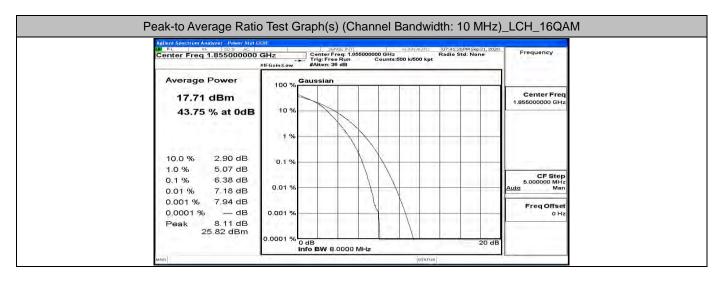


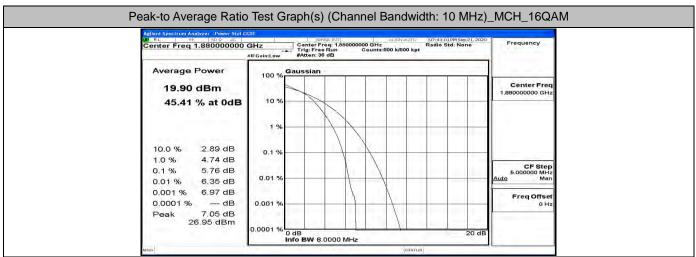


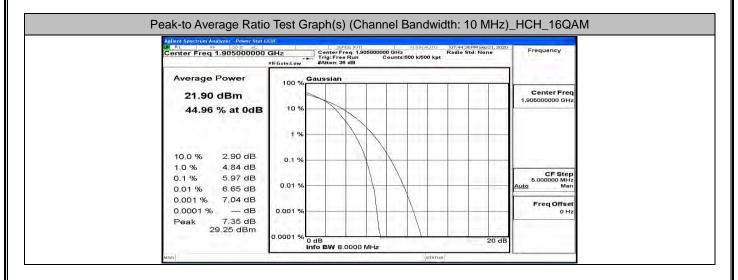


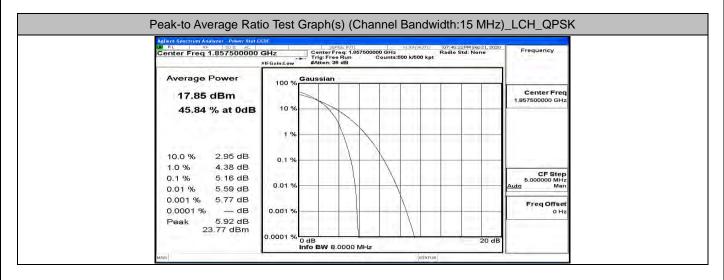


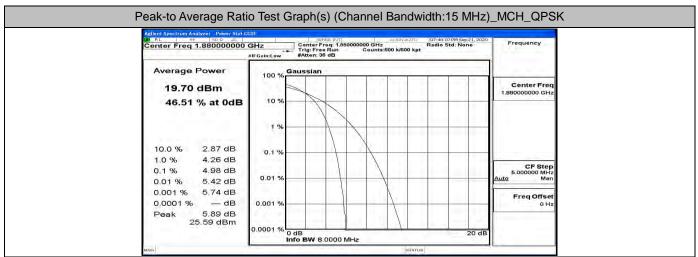


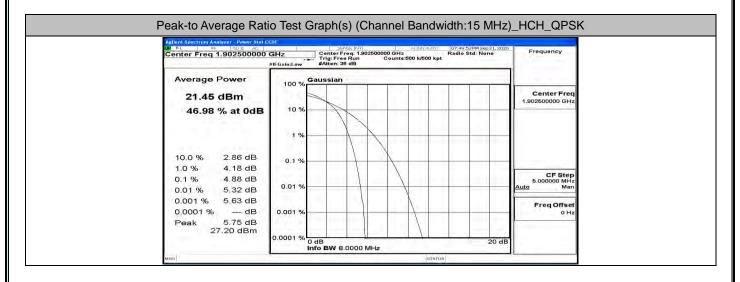


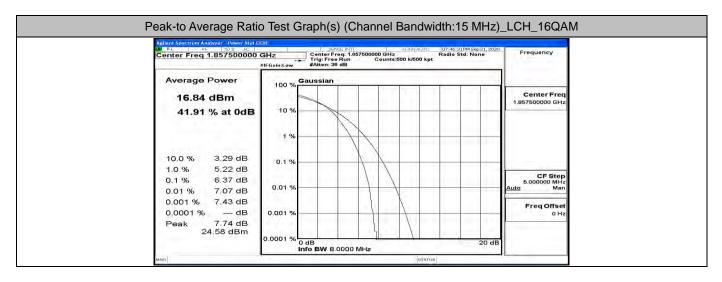


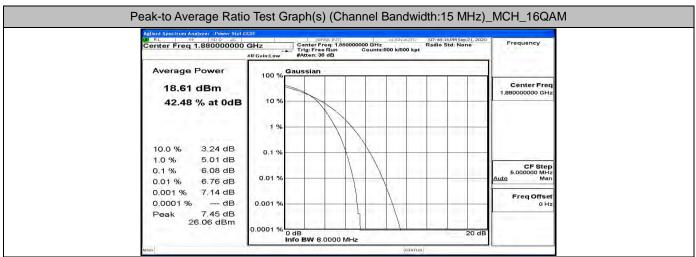


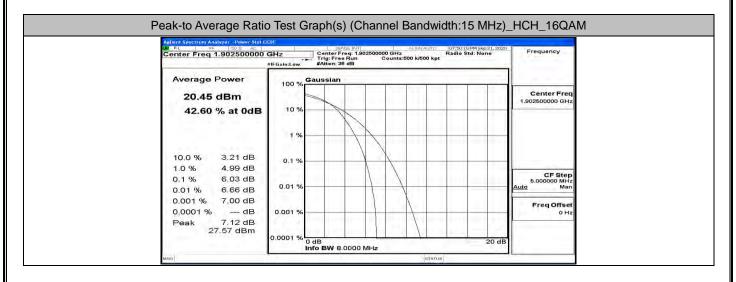


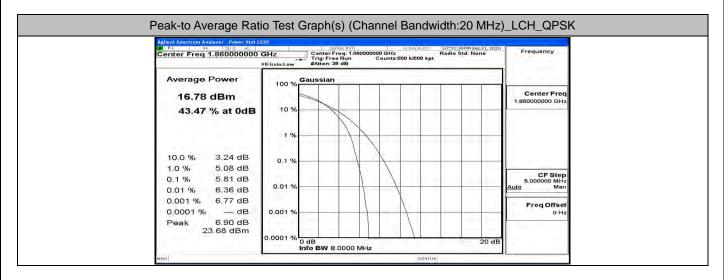


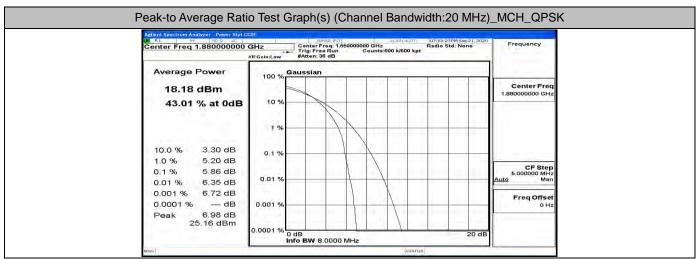


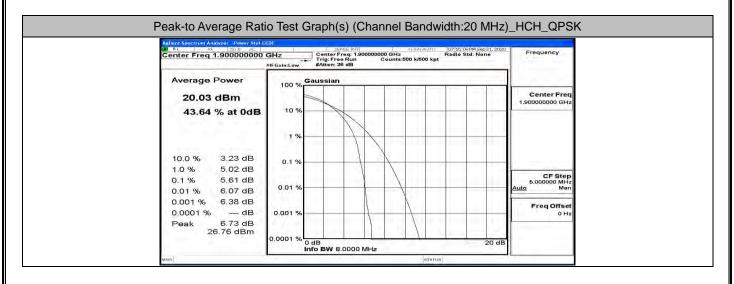


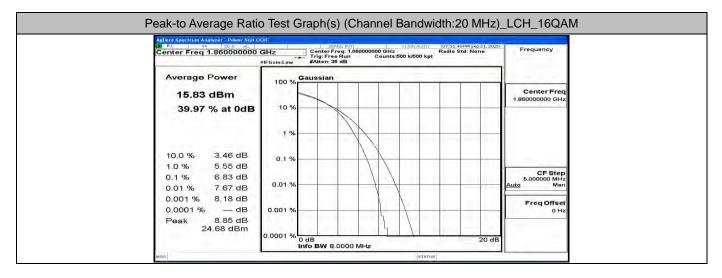


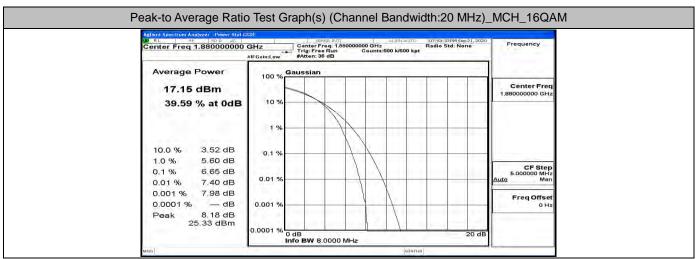


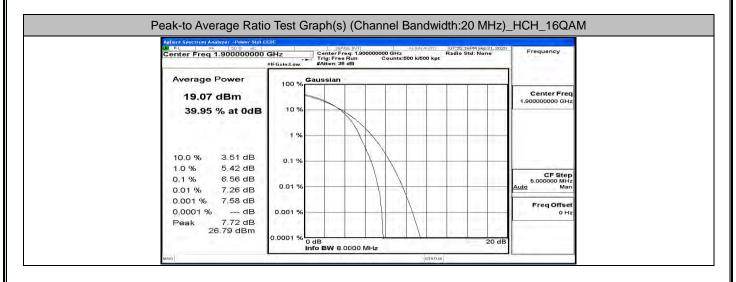












## D.3 26dB Bandwidth and Occupied Bandwidth

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
		(MHz)	(MHz)		
QPSK	LCH	1.0720	1.252	PASS	
	MCH	1.0767	1.226	PASS	
	HCH	1.0749	1.227	PASS	
16QAM	LCH	1.0776	1.236	PASS	
	MCH	1.0766	1.231	PASS	
	HCH	1.0807	1.245	PASS	

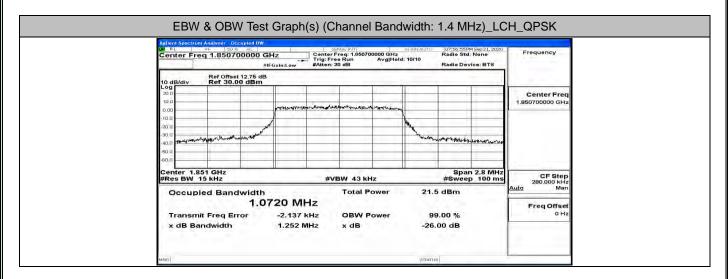
EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
		(MHz)	(MHz)	
QPSK	LCH	2.6761	2.827	PASS
	MCH	2.6812	2.847	PASS
	HCH	2.6799	2.820	PASS
16QAM	LCH	2.6808	2.839	PASS
	MCH	2.6816	2.833	PASS
	HCH	2.6760	2.826	PASS

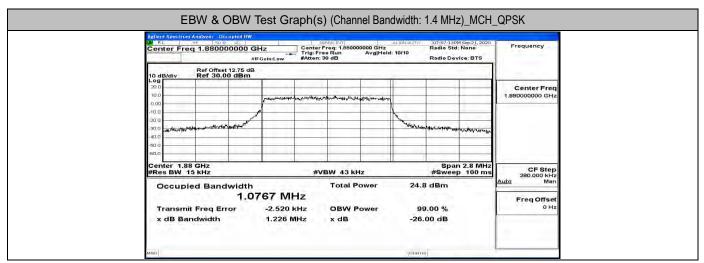
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation		(MHz)	(MHz)	
QPSK	LCH	4.4849	4.876	PASS
	MCH	4.4753	4.889	PASS
	HCH	4.4824	4.860	PASS
16QAM	LCH	4.4801	4.874	PASS
	MCH	4.4754	4.780	PASS
	HCH	4.4741	4.801	PASS

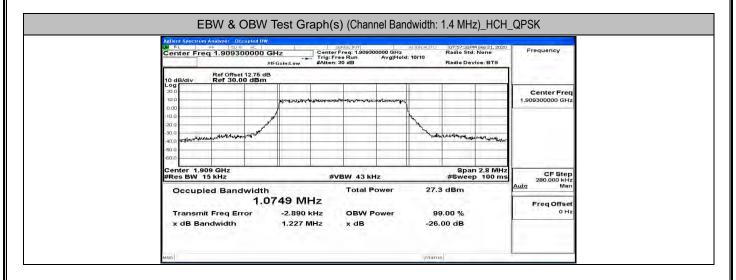
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
Modulation		(MHz)	(MHz)		
QPSK	LCH	8.9597	9.556	PASS	
	MCH	8.9498	9.481	PASS	
	HCH	8.9462	9.434	PASS	
16QAM	LCH	8.9526	9.516	PASS	
	MCH	8.9371	9.514	PASS	
	HCH	8.9259	9.488	PASS	

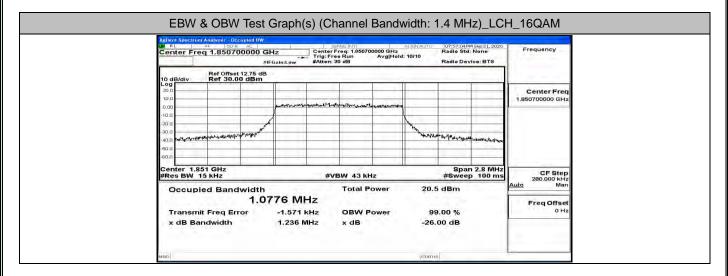
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation		(MHz)	(MHz)	
QPSK	LCH	13.432	14.00	PASS
	MCH	13.431	14.13	PASS
	HCH	13.379	14.01	PASS
16QAM	LCH	13.441	14.04	PASS
	MCH	13.406	14.10	PASS
	HCH	13.360	14.05	PASS

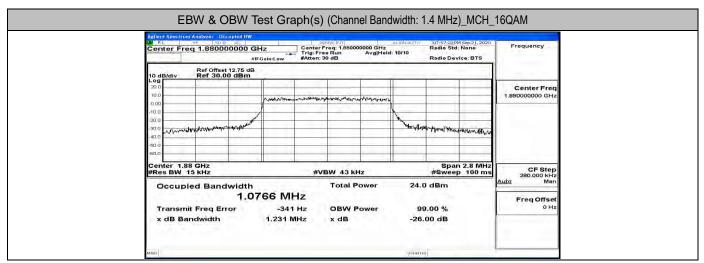
EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Mandadatian	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation		(MHz)	(MHz)	
QPSK	LCH	17.861	18.65	PASS
	MCH	17.875	18.77	PASS
	HCH	17.799	18.56	PASS
16QAM	LCH	17.878	18.65	PASS
	MCH	17.879	18.73	PASS
	HCH	17.766	18.48	PASS

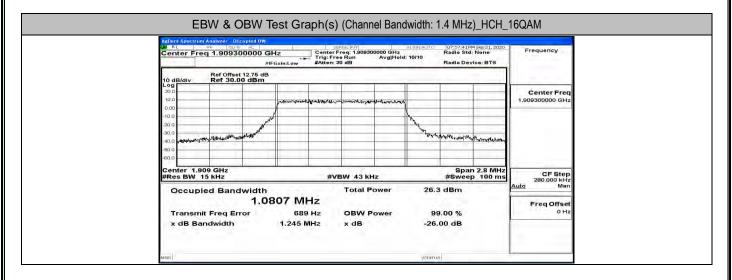


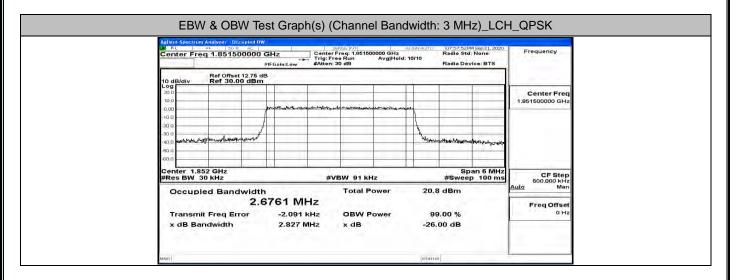


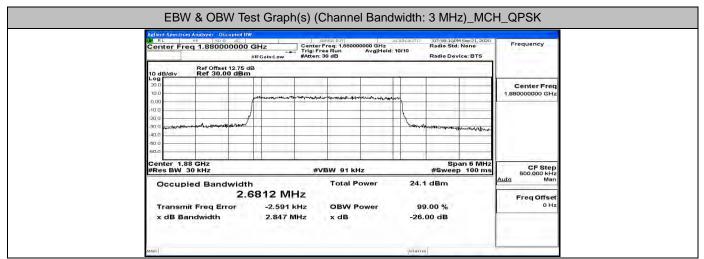


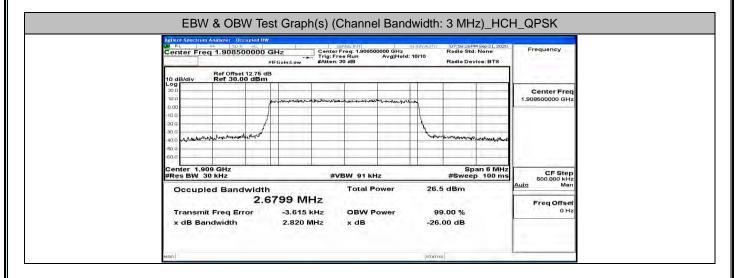


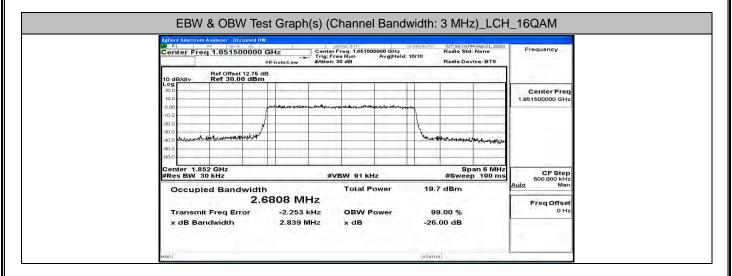


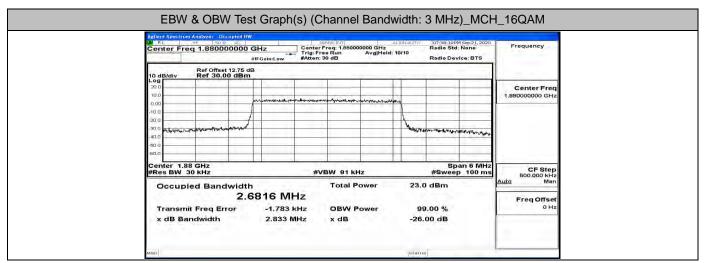


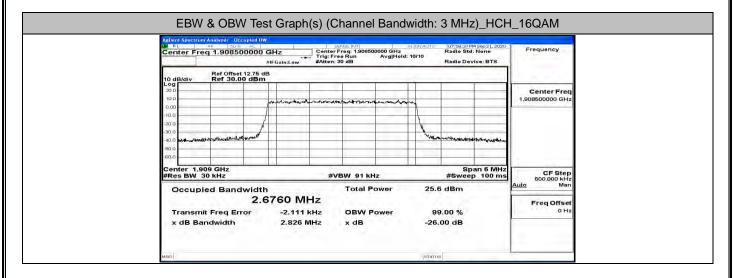


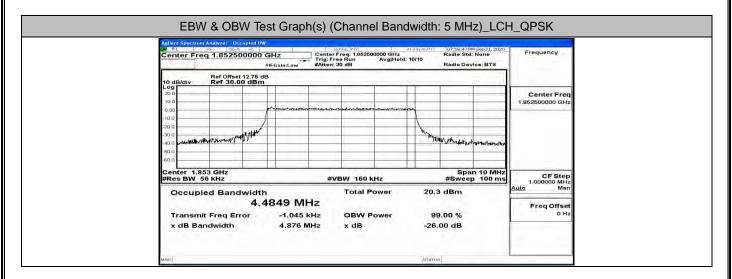


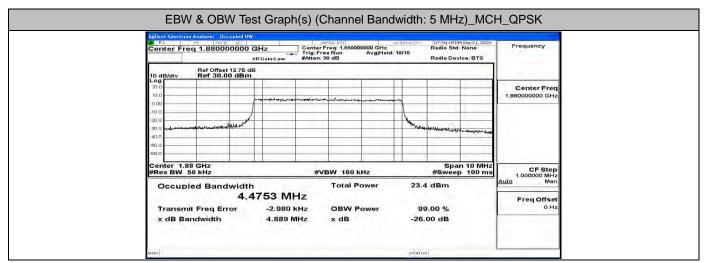


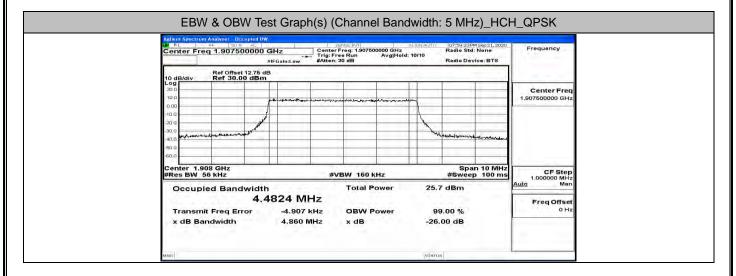


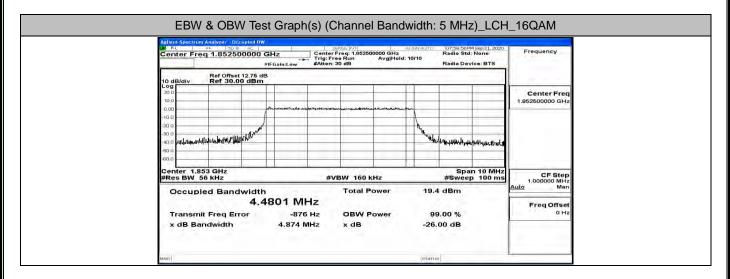


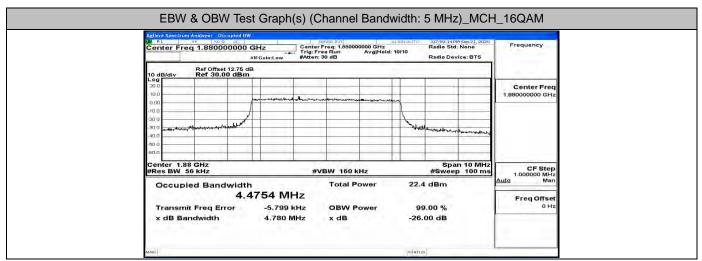


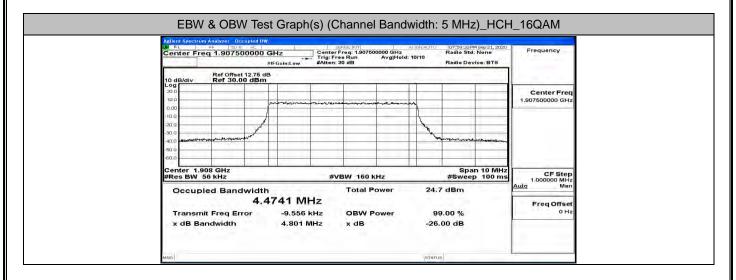


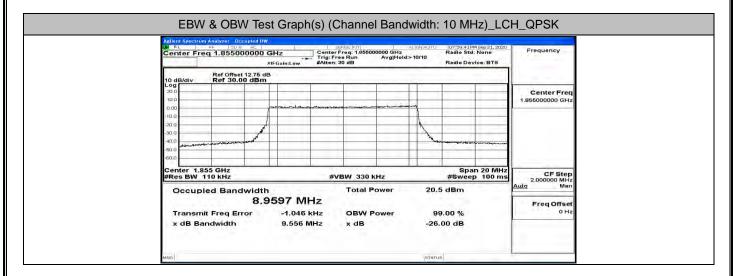


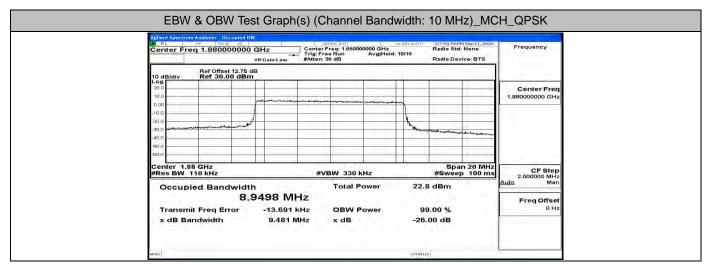


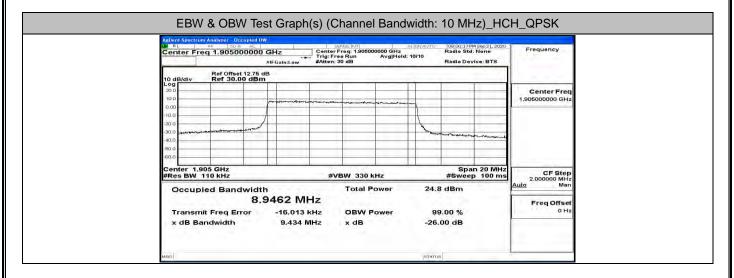


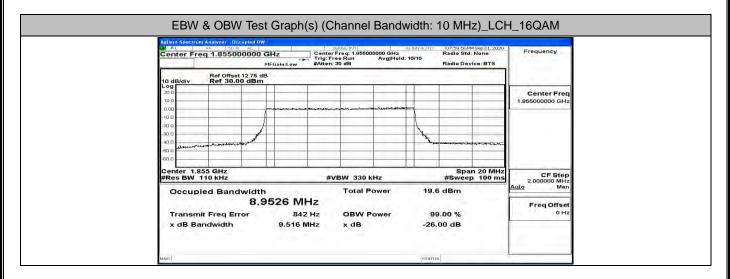


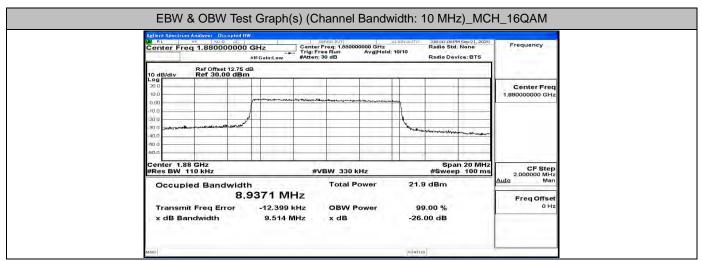


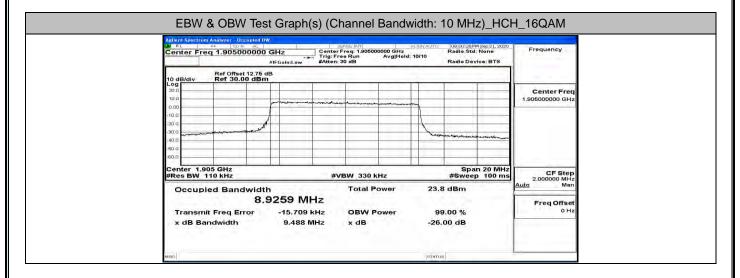


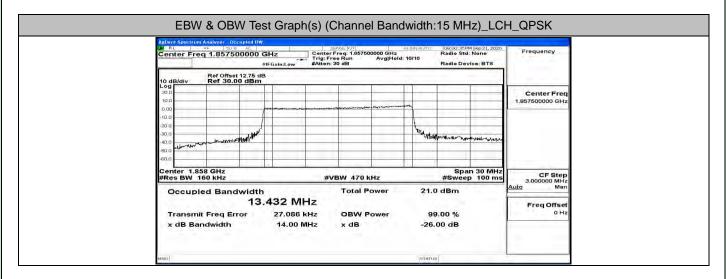


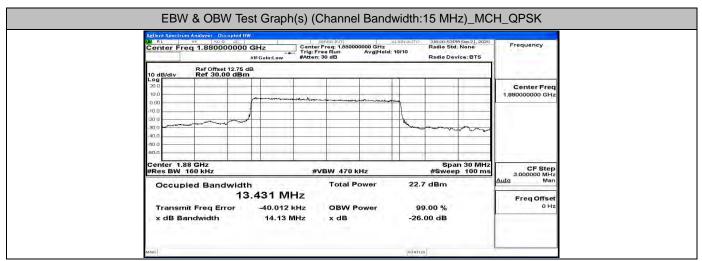


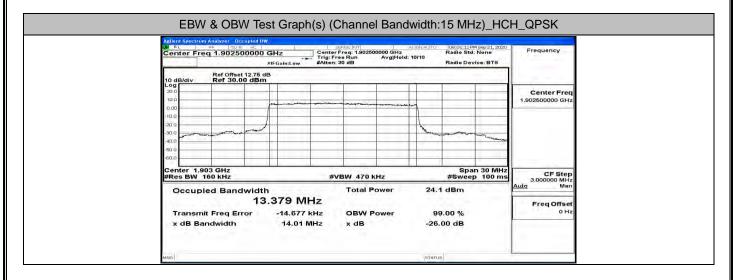


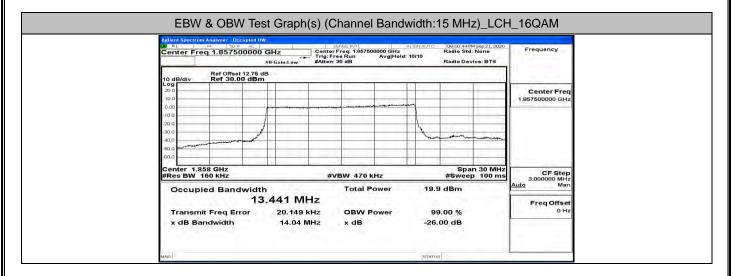


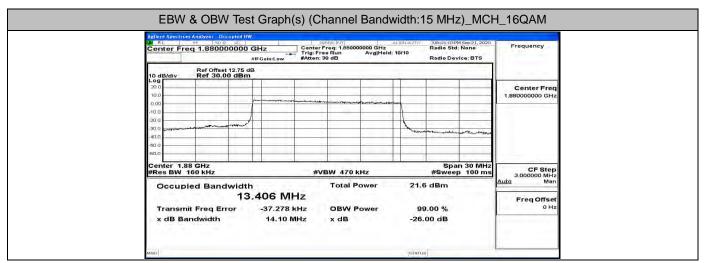


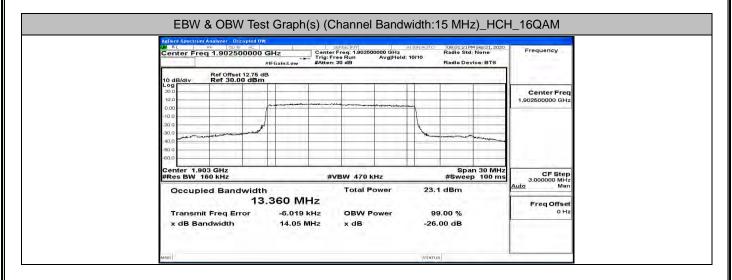


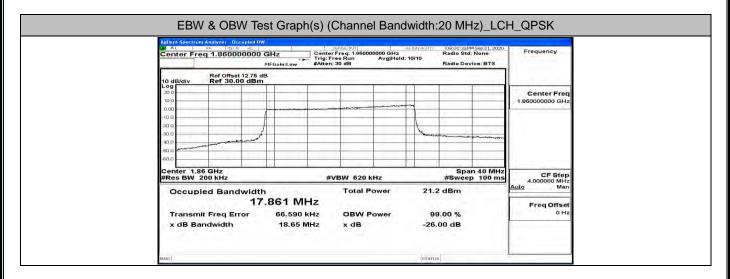


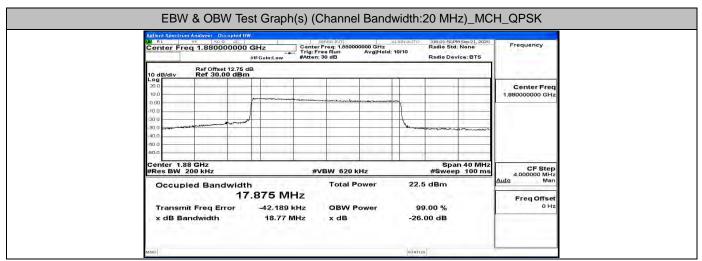


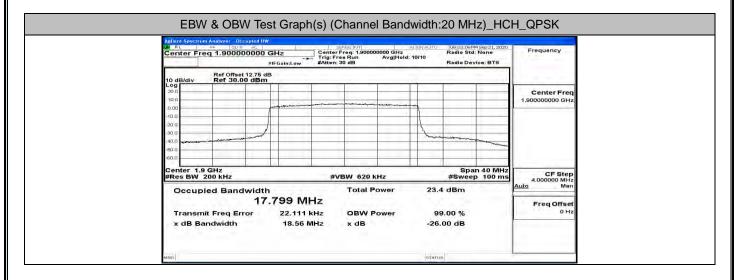


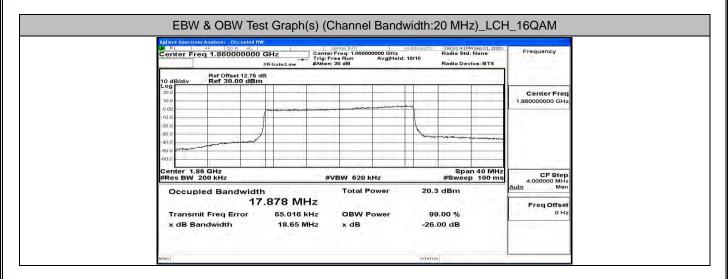


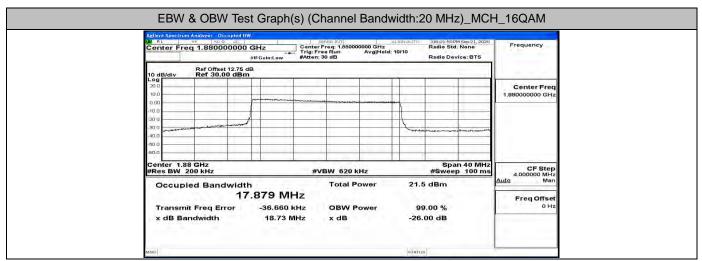


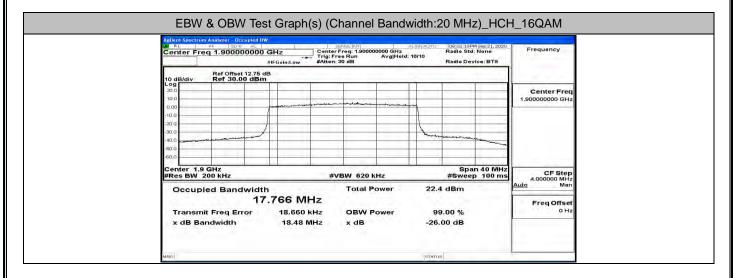




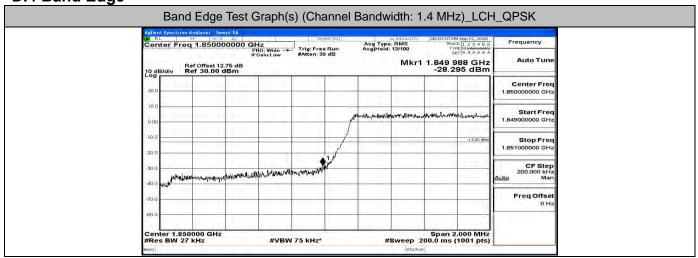


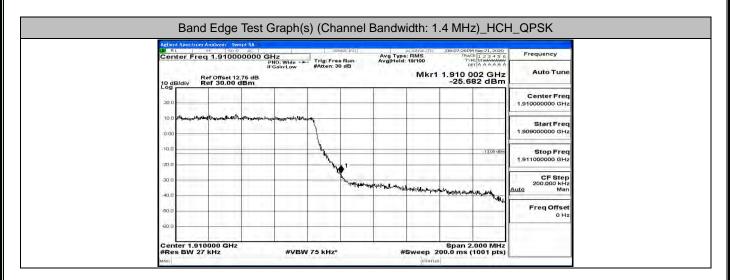


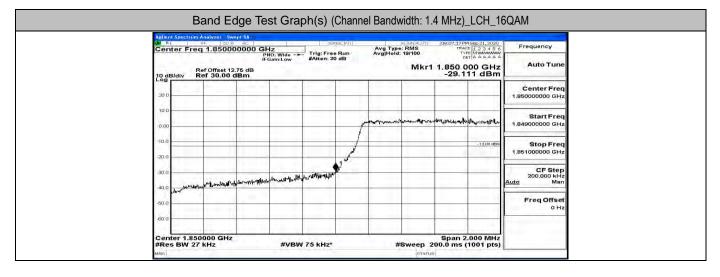


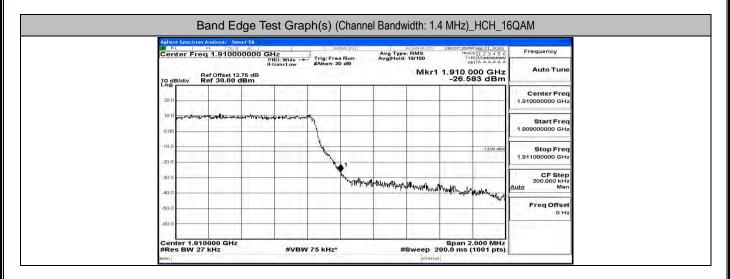


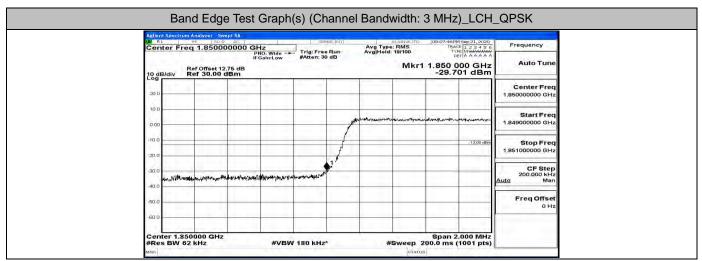
**D.4 Band Edge** 

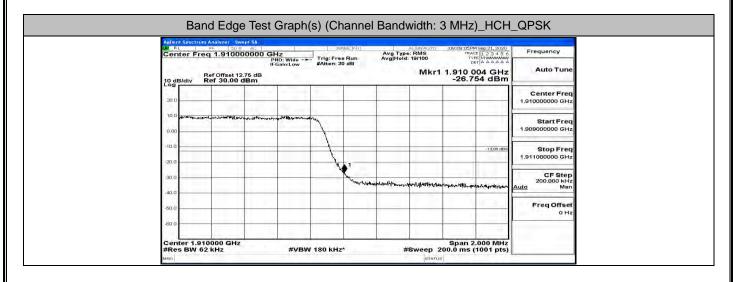


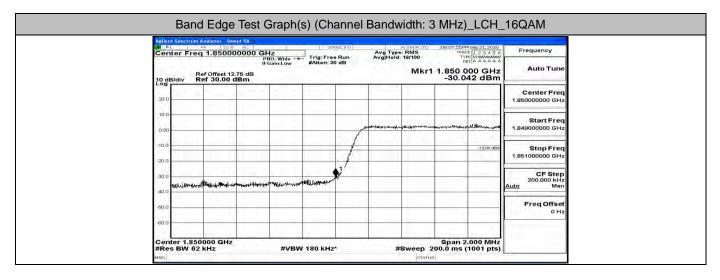


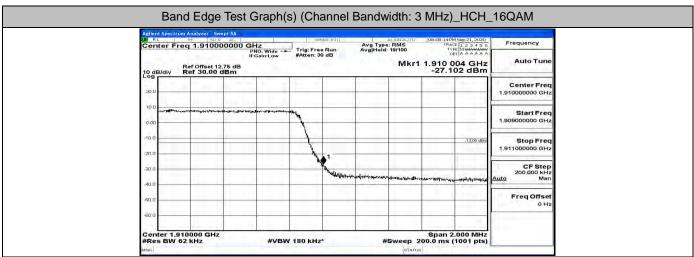


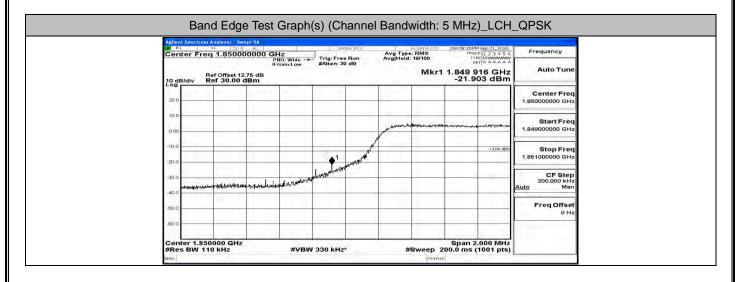


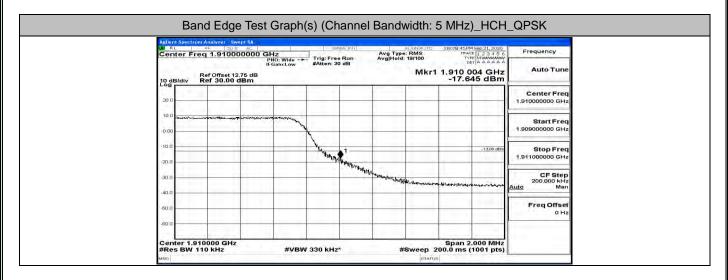


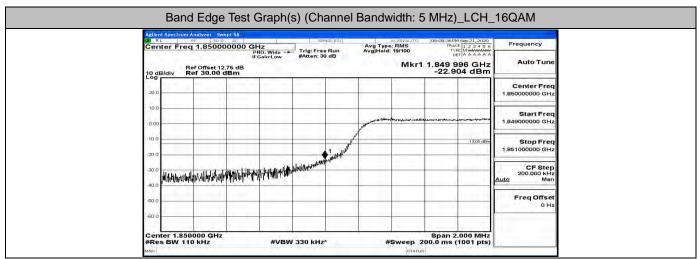


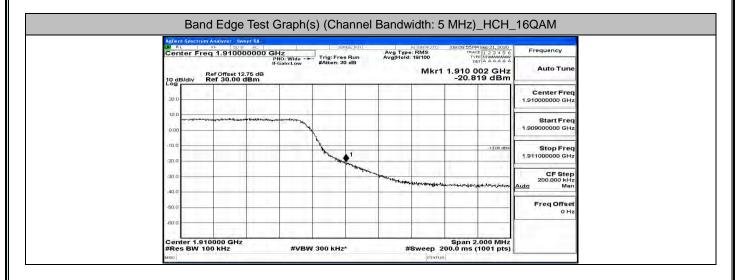


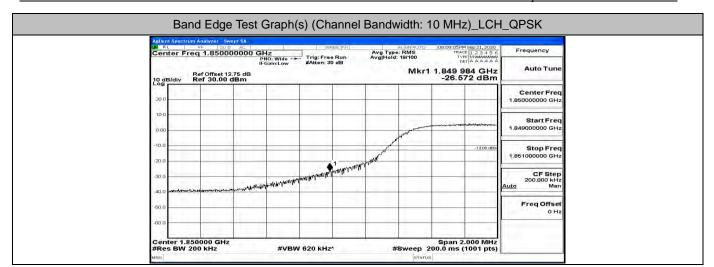


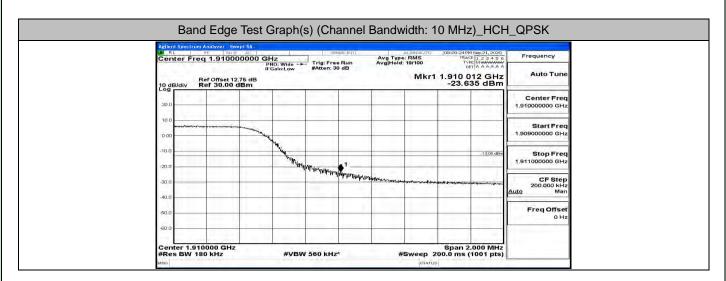


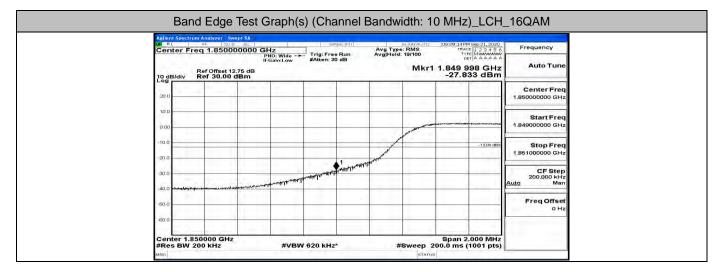


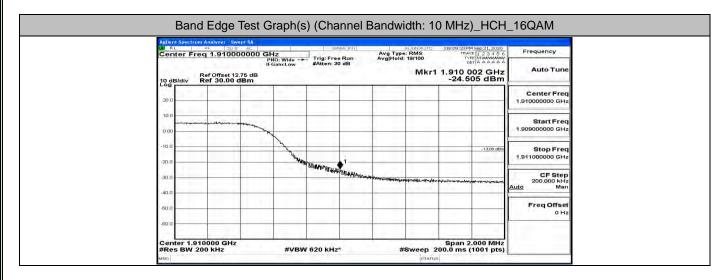


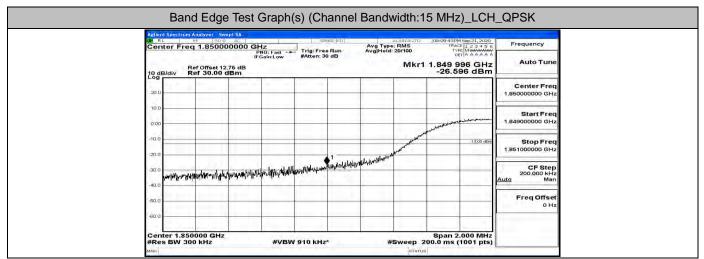


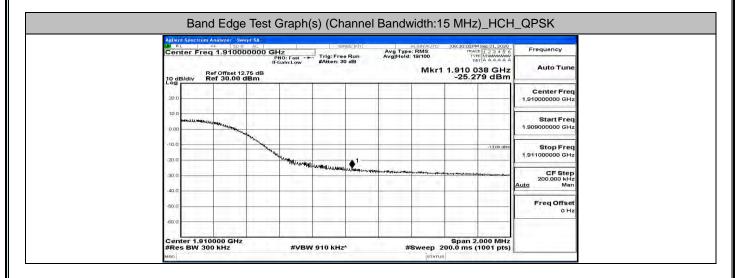


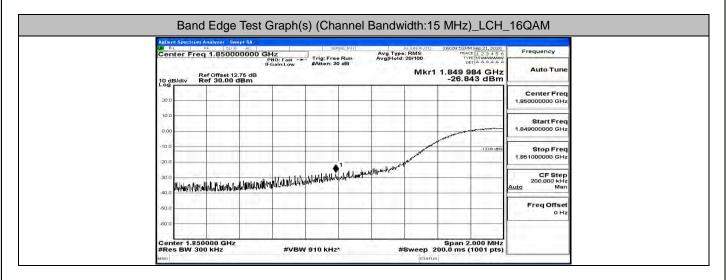


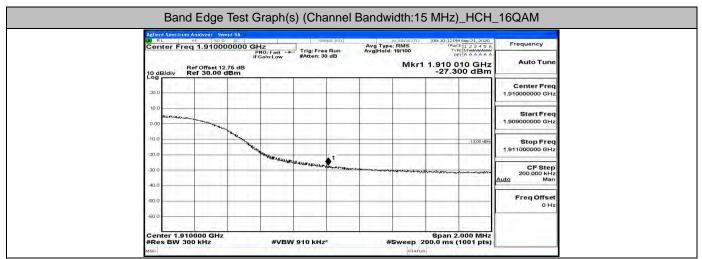


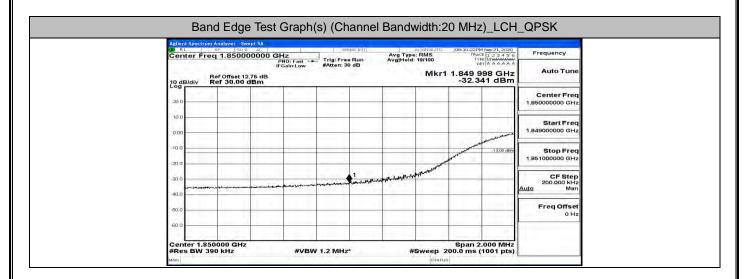










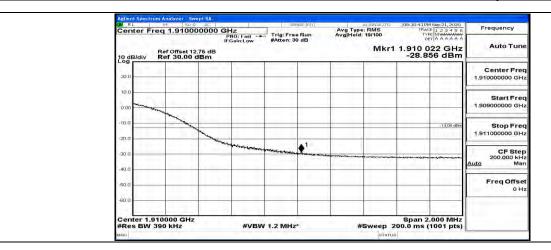


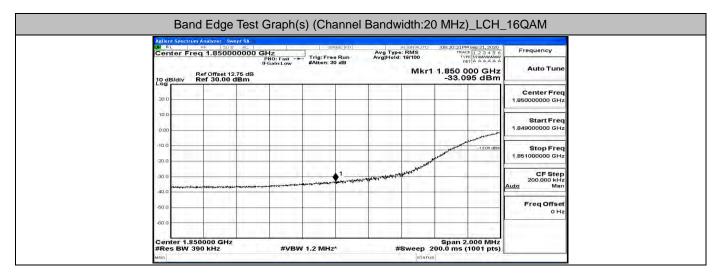
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)\_HCH\_QPSK

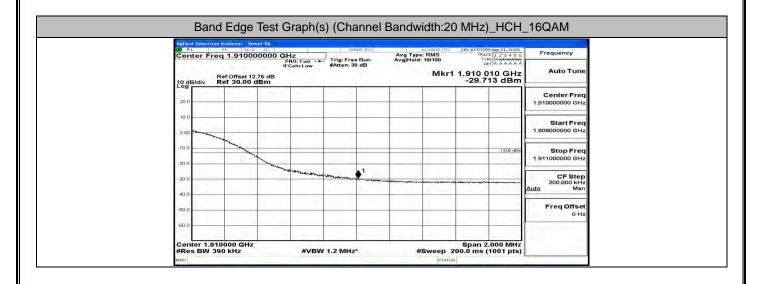
## SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.

FCC ID: 2AVTH-10LB1

Report No.: LCS200915127AEG

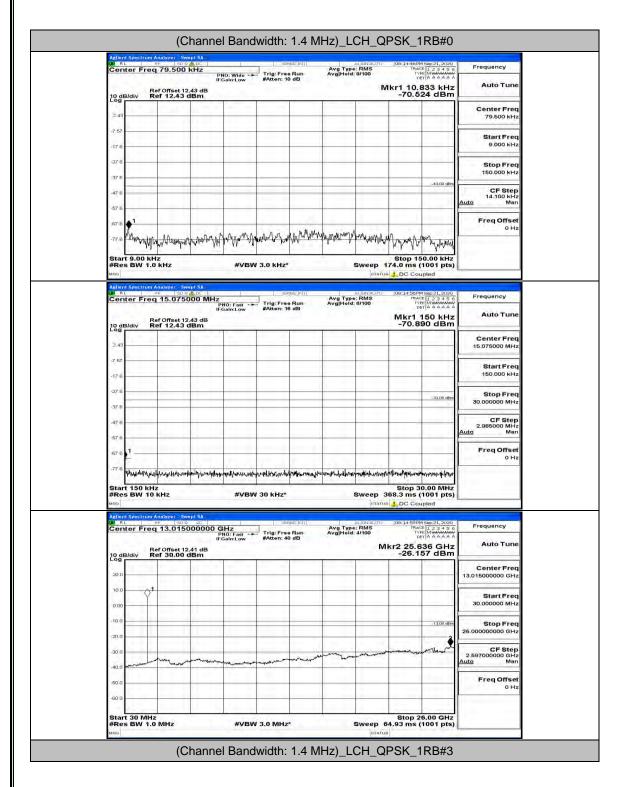


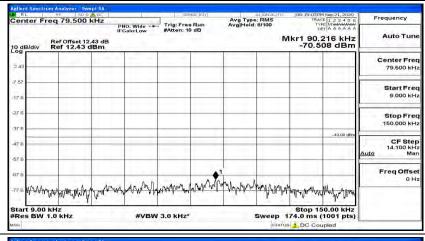


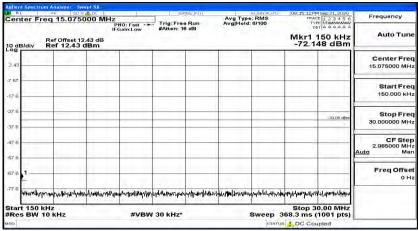


## **D.5 Conducted Spurious Emission**

Channel Bandwidth: 1.4 MHz

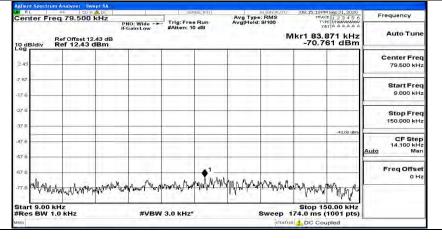


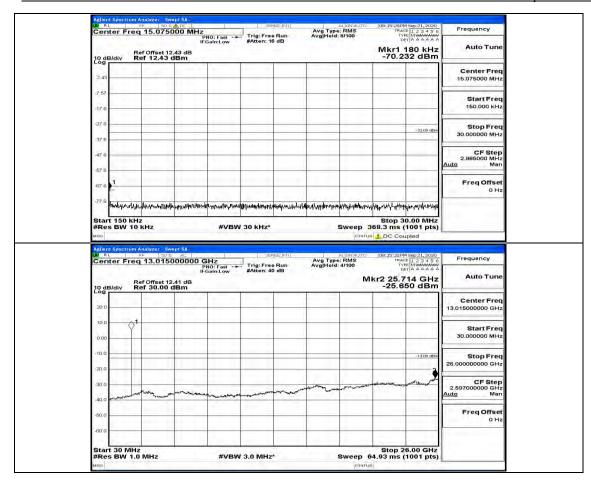


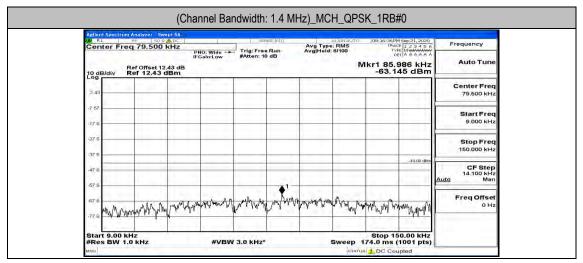




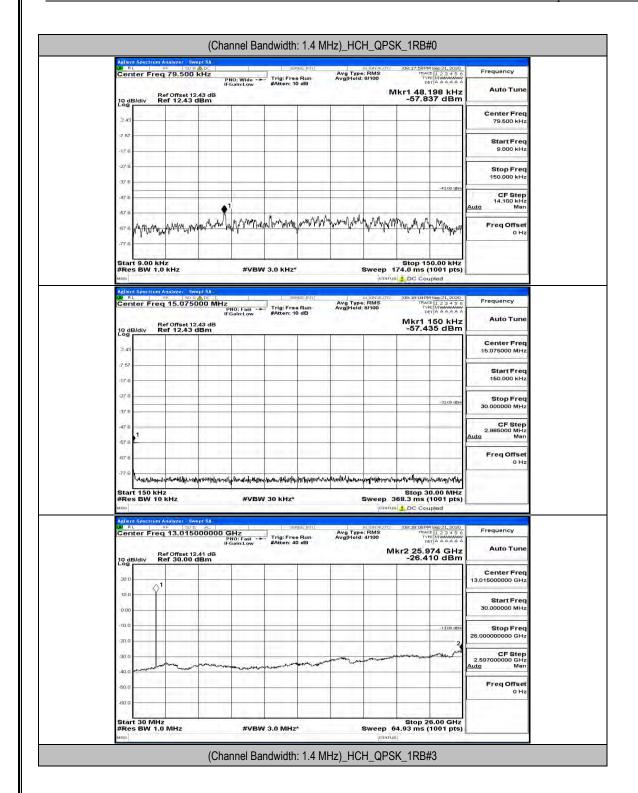


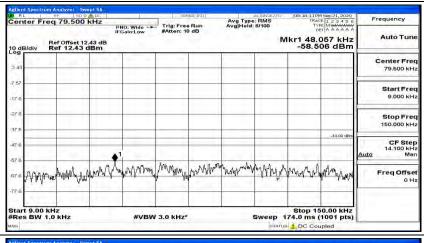


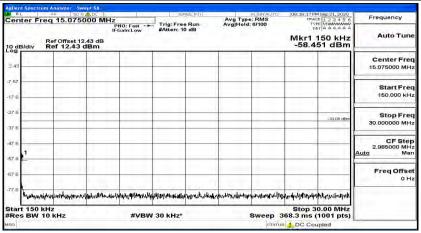




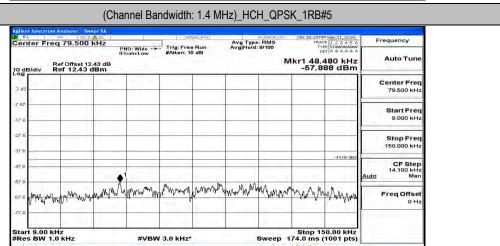
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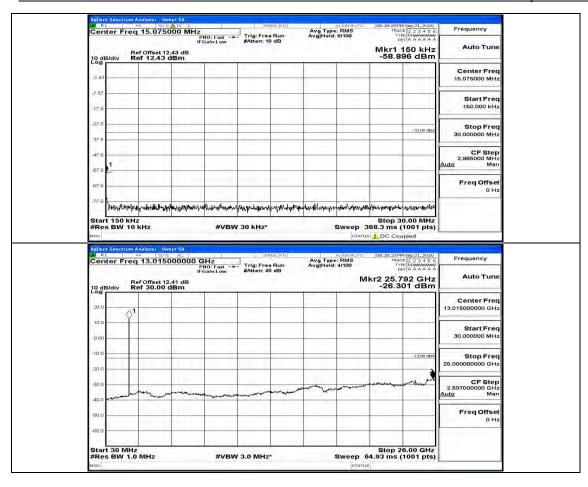


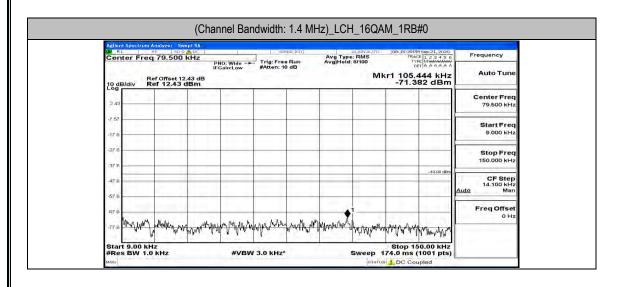




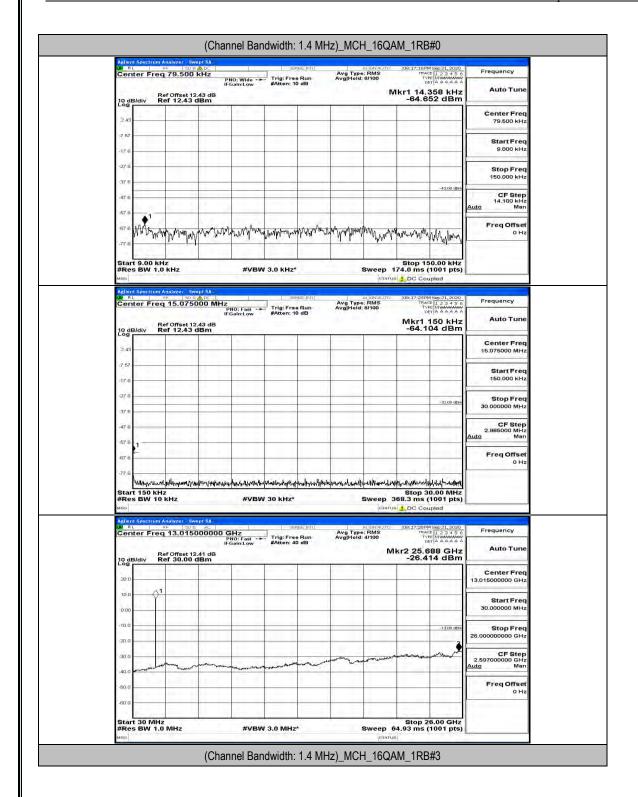


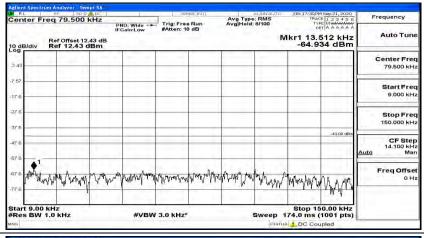


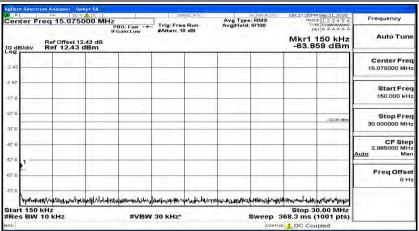


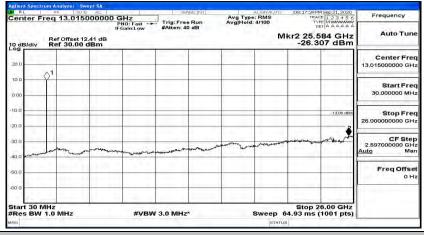


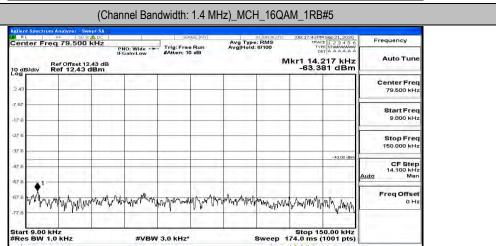
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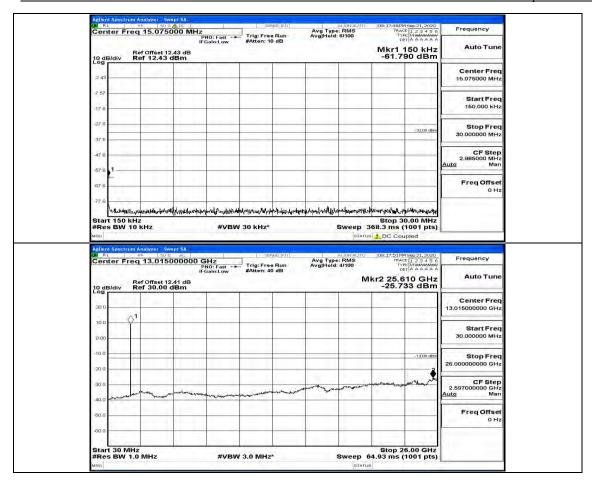


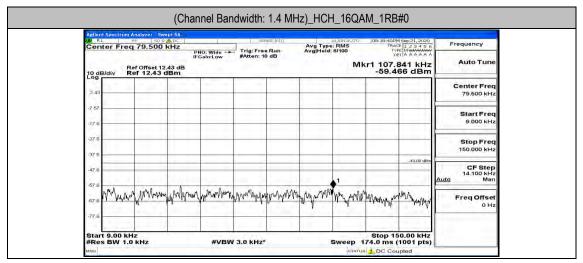






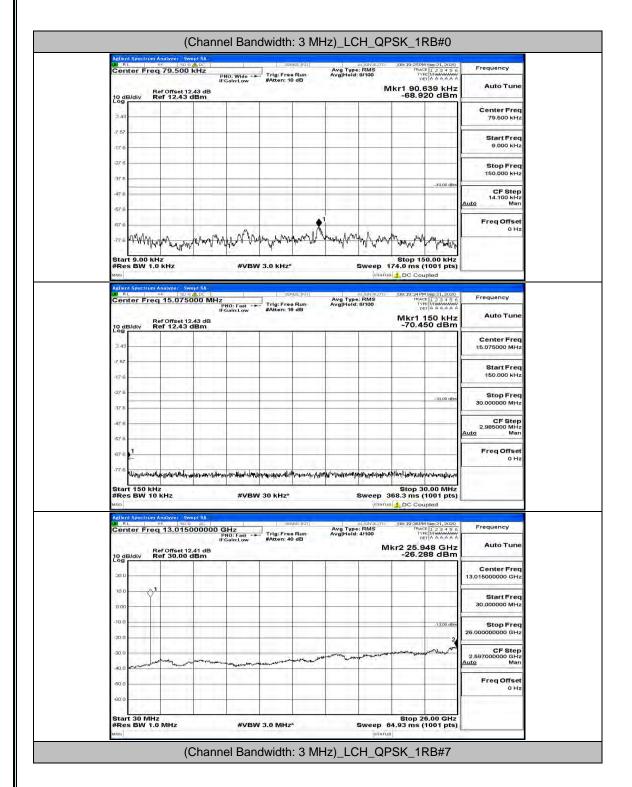




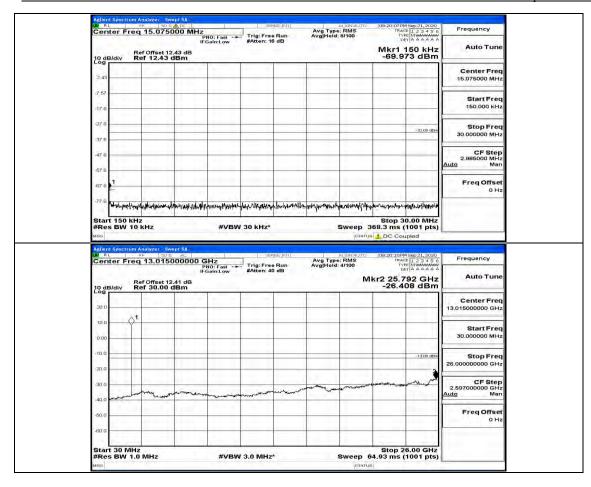


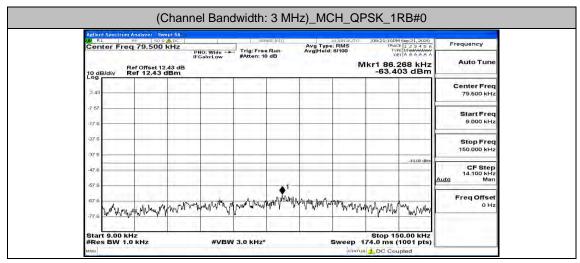
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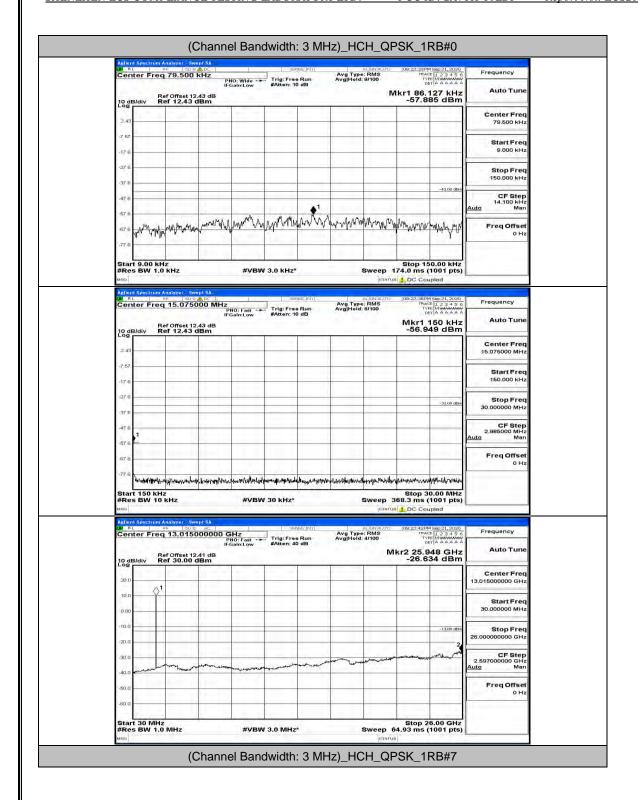
## **Channel Bandwidth: 3 MHz**



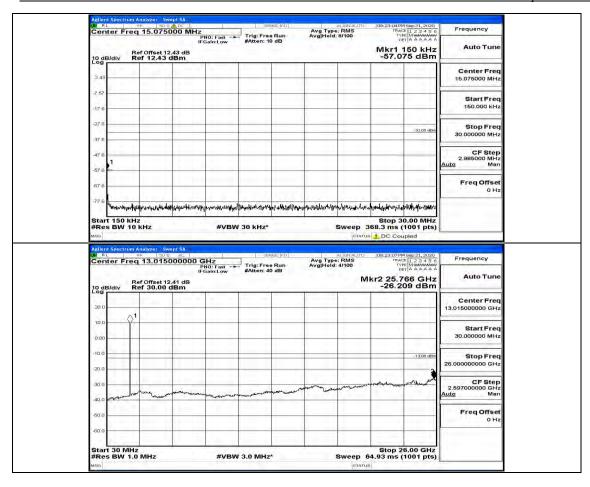
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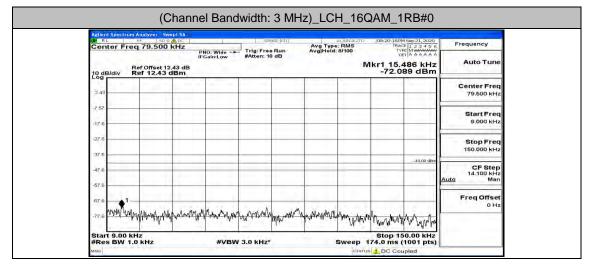


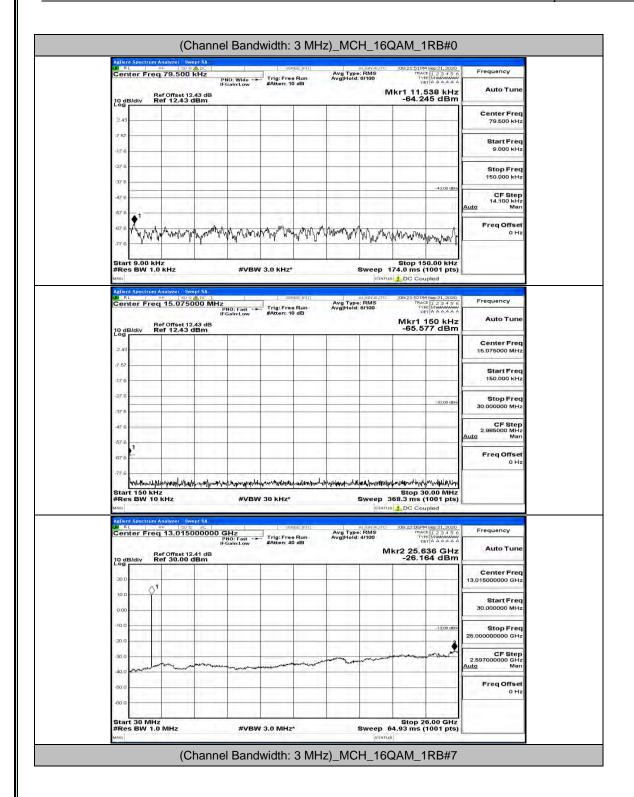




Report No.: LCS200915127AEG







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