Appendix D: Test Data for E-UTRA Band 2

Product Name: Tablet PC Trade Mark: Bright Life Test Model: TL11

Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Tom.Liu

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	
Wodulation	Charmer	Size	Offset	QPSK	16QAM	verdict	
		1	0	20.43	19.62	PASS	
		1	3	20.52	19.77	PASS	
		1	5	20.34	19.53	PASS	
	LCH	3	0	20.45	19.58	PASS	
		3	2	20.44	19.54	PASS	
		3	3	20.40	19.47	PASS	
		6	0	21.41	18.44	PASS	
	мсн	1	0	21.84	19.17	PASS	
		1	3	21.98	19.35	PASS	
QPSK /		1	5	21.84	19.25	PASS	
16QAM		3	0	21.88	18.90	PASS	
TOQAM		3	2	21.89	18.92	PASS	
		3	3	21.89	18.89	PASS	
		6	0	21.86	17.87	PASS	
		1	0	20.11	19.36	PASS	
		1	3	20.19	19.47	PASS	
		1	5	20.04	19.27	PASS	
	HCH	3	0	20.13	19.17	PASS	
		3	2	20.13	19.13	PASS	
		3	3	20.12	19.13	PASS	
		6	0	21.09	18.19	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/a nali at		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	20.50	19.82	PASS		
		1	7	20.63	19.90	PASS		
		1	14	20.31	19.55	PASS		
	LCH	8	0	21.49	18.59	PASS		
		8	4	21.41	18.56	PASS		
		8	7	21.34	18.48	PASS		
		15	0	21.38	18.40	PASS		
		1	0	21.85	19.12	PASS		
	МСН	1	7	20.12	19.35	PASS		
QPSK /		1	14	21.93	19.19	PASS		
16QAM		8	0	21.89	17.98	PASS		
TOQAIVI		8	4	21.92	18.01	PASS		
		8	7	21.87	17.95	PASS		
		15	0	18.87	17.88	PASS		
		1	0	20.22	19.58	PASS		
		1	7	20.41	19.66	PASS		
		1	14	20.06	19.41	PASS		
	HCH	8	0	21.13	18.10	PASS		
		8	4	21.19	18.12	PASS		
		8	7	21.14	18.06	PASS		
		15	0	21.11	18.07	PASS		

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/a.u.di.a.t		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	20.45	19.79	PASS		
		1	12	20.59	19.90	PASS		
		1	24	21.97	19.33	PASS		
	LCH	12	0	21.41	18.62	PASS		
		12	6	21.39	18.60	PASS		
		12	13	21.15	18.35	PASS		
		25	0	21.34	18.41	PASS		
	мсн	1	0	21.79	19.16	PASS		
		1	12	20.11	19.45	PASS		
QPSK /		1	24	21.85	19.21	PASS		
16QAM		12	0	21.90	18.12	PASS		
TOQAIVI		12	6	21.90	18.13	PASS		
		12	13	21.81	18.10	PASS		
		25	0	2.88	17.99	PASS		
		1	0	20.23	19.22	PASS		
		1	12	20.44	19.45	PASS		
		1	24	21.99	18.97	PASS		
	HCH	12	0	21.24	18.27	PASS		
		12	6	21.20	18.20	PASS		
		12	13	21.13	18.12	PASS		
		25	0	21.22	18.18	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)								
Modulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict			
		1	0	20.41	19.70	PASS			
		1	24	20.19	19.45	PASS			
		1	49	21.38	18.65	PASS			
	LCH	25	0	21.38	18.43	PASS			
		25	12	21.08	18.16	PASS			
		25	25	21.81	17.84	PASS			
		50	0	21.08	18.15	PASS			
		1	0	21.78	19.08	PASS			
		1	24	20.07	19.33	PASS			
QPSK /		1	49	20.00	19.25	PASS			
16QAM	MCH	25	0	21.98	18.07	PASS			
TOQAM		25	12	21.90	17.99	PASS			
		25	25	21.97	18.01	PASS			
		50	0	21.95	18.00	PASS			
		1	0	20.43	19.77	PASS			
		1	24	20.47	19.84	PASS			
		1	49	20.05	19.39	PASS			
	HCH	25	0	21.63	18.62	PASS			
		25	12	21.36	18.33	PASS			
		25	25	21.20	18.20	PASS			
		50	0	21.43	18.42	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)								
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/andiat			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	20.41	19.63	PASS			
		1	37	21.91	19.15	PASS			
		1	74	21.17	18.45	PASS			
	LCH	37	0	21.15	18.18	PASS			
		37	18	21.76	17.81	PASS			
		37	38	21.48	17.56	PASS			
		75	0	21.85	17.87	PASS			
	мсн	1	0	21.74	18.94	PASS			
		1	37	20.17	19.44	PASS			
QPSK /		1	74	20.13	19.41	PASS			
16QAM		37	0	21.96	17.99	PASS			
TOQAW		37	18	21.92	18.00	PASS			
		37	38	21.99	18.03	PASS			
		75	0	21.04	18.05	PASS			
		1	0	20.57	19.80	PASS			
		1	37	20.61	19.82	PASS			
		1	74	20.02	19.26	PASS			
	HCH	37	0	21.68	18.65	PASS			
		37	18	21.56	18.55	PASS			
		37	38	21.28	18.21	PASS			
		75	0	21.53	18.45	PASS			

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)								
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/ordiot		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	20.43	19.56	PASS		
		1	49	21.69	18.87	PASS		
		1	99	21.49	18.64	PASS		
	LCH	50	0	21.89	17.93	PASS		
		50	25	21.48	17.54	PASS		
		50	50	21.58	17.61	PASS		
		100	0	21.70	17.74	PASS		
		1	0	21.71	18.84	PASS		
	мсн	1	49	20.17	19.33	PASS		
QPSK /		1	99	20.30	19.46	PASS		
16QAM		50	0	21.92	17.99	PASS		
TOQAM		50	25	21.93	17.97	PASS		
		50	50	21.09	18.12	PASS		
		100	0	21.04	18.06	PASS		
		1	0	20.49	19.80	PASS		
		1	49	20.74	20.02	PASS		
		1	99	20.00	19.30	PASS		
	HCH	50	0	21.59	18.69	PASS		
		50	25	21.52	18.56	PASS		
		50	50	21.09	18.10	PASS		
		100	0	21.38	18.33	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	Glaillei	[dB]	[dB]	verdict			
	LCH	5.4	<13	PASS			
QPSK	MCH	5.38	<13	PASS			
	HCH	5.14	<13	PASS			
	LCH	6.39	<13	PASS			
16QAM	MCH	6.3	<13	PASS			
	HCH	6.1	<13	PASS			

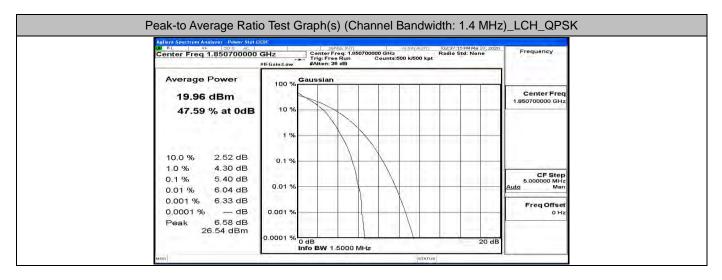
Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channel	[dB]	[dB]	verdict		
	LCH	5.42	<13	PASS		
QPSK	MCH	5.45	<13	PASS		
	HCH	5.38	<13	PASS		
	LCH	6.29	<13	PASS		
16QAM	MCH	6.32	<13	PASS		
	HCH	6.1	<13	PASS		

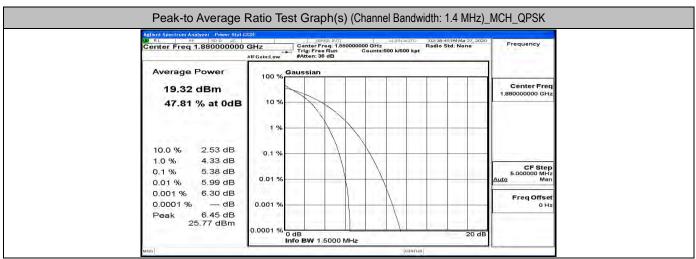
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Griannei	[dB]	[dB]	verdict		
	LCH	5.56	<13	PASS		
QPSK	MCH	5.57	<13	PASS		
	HCH	5.4	<13	PASS		
	LCH	6.38	<13	PASS		
16QAM	MCH	6.4	<13	PASS		
	HCH	6.09	<13	PASS		

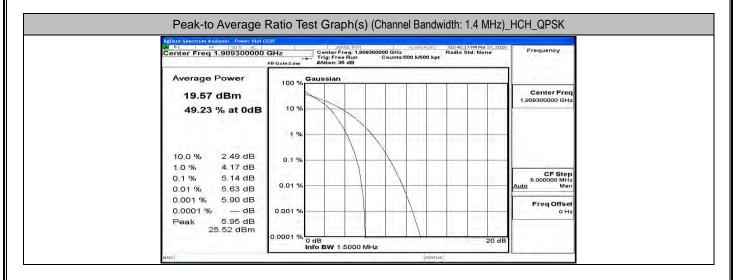
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Chamilei	[dB]	[dB]	verdict		
	LCH	5.61	<13	PASS		
QPSK	MCH	5.57	<13	PASS		
	HCH	5.49	<13	PASS		
	LCH	6.32	<13	PASS		
16QAM	MCH	6.25	<13	PASS		
	HCH	6.21	<13	PASS		

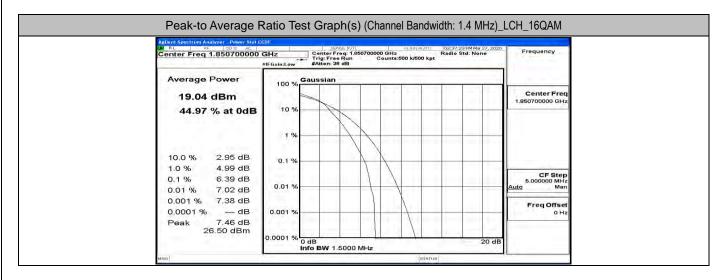
	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Grianne	[dB]	[dB]	verdict				
	LCH	5.06	<13	PASS				
QPSK	MCH	5	<13	PASS				
	HCH	4.95	<13	PASS				
	LCH	6.24	<13	PASS				
16QAM	MCH	6.23	<13	PASS				
	HCH	6.12	<13	PASS				

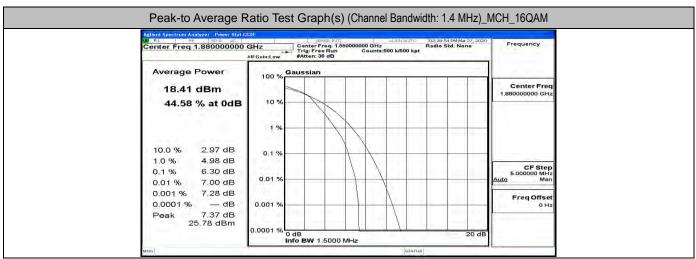
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
Modulation		[dB]	[dB]	verdict	
QPSK	LCH	5.77	<13	PASS	
	MCH	5.73	<13	PASS	
	HCH	5.7	<13	PASS	
16QAM	LCH	6.78	<13	PASS	
	MCH	6.73	<13	PASS	
	HCH	6.64	<13	PASS	

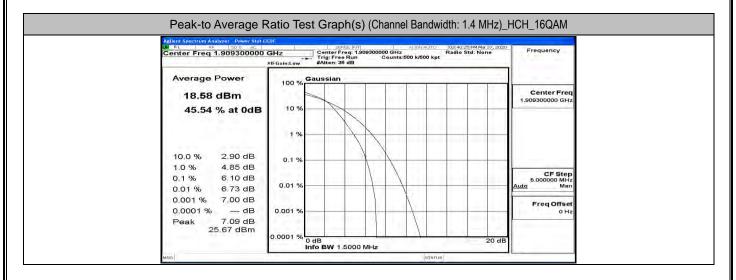


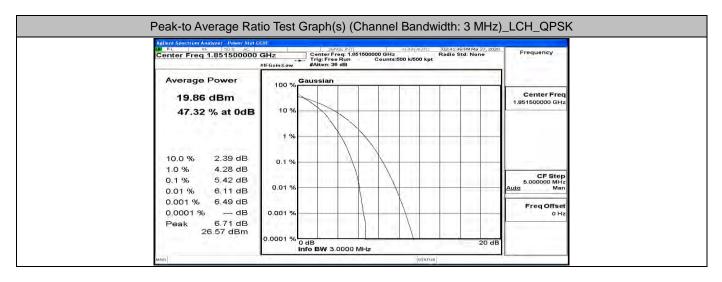


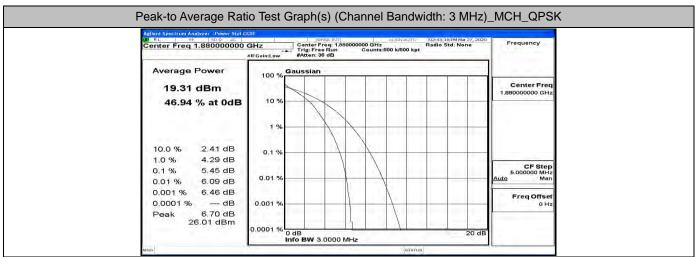


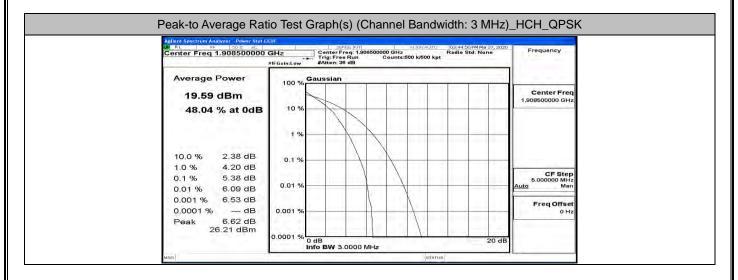


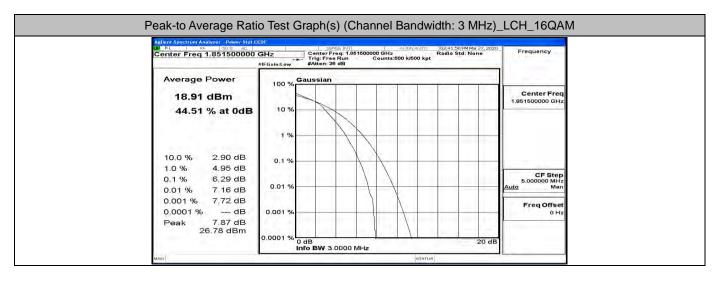


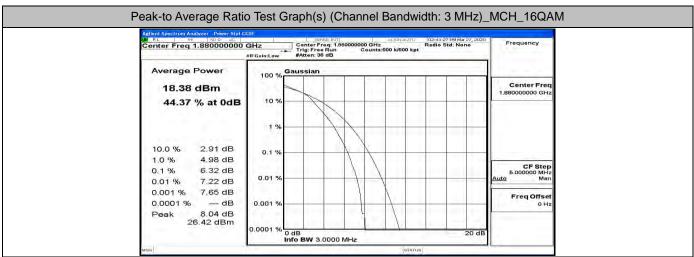


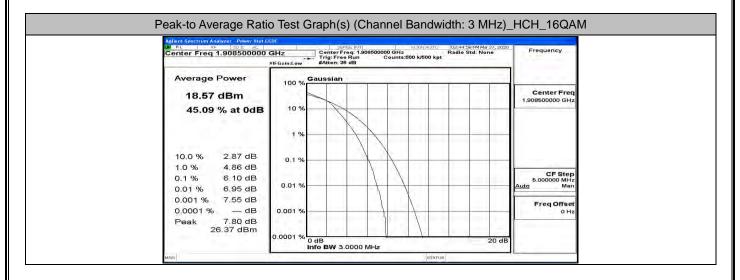


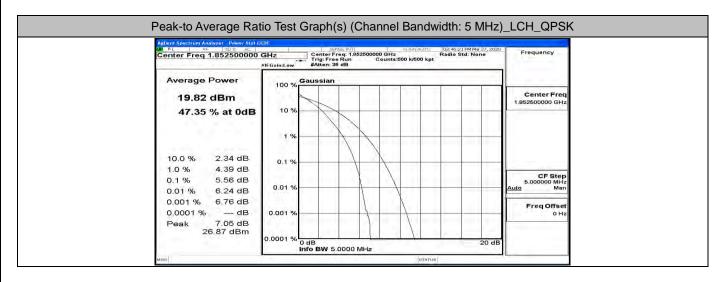


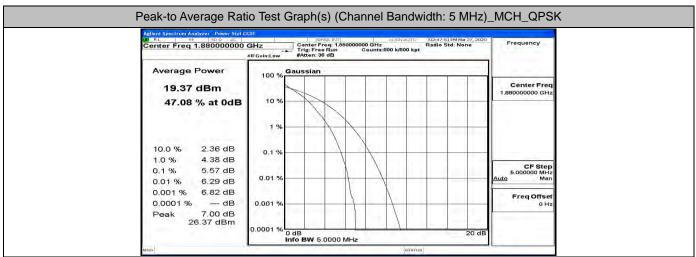


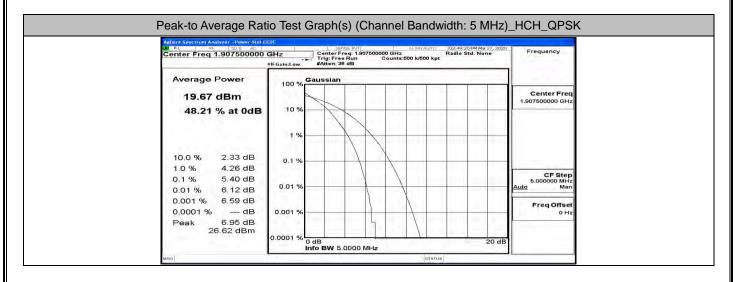


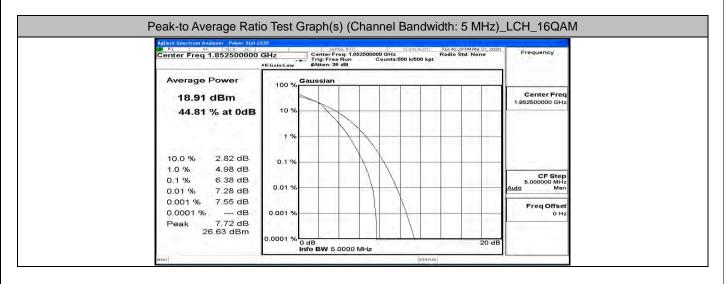


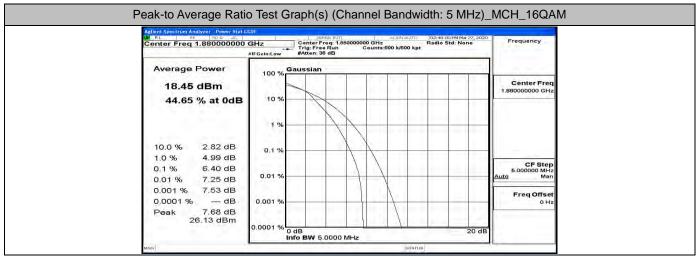


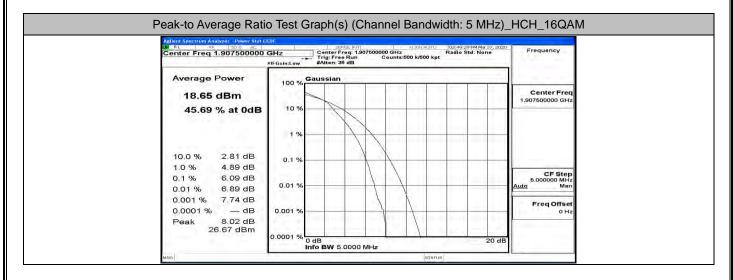




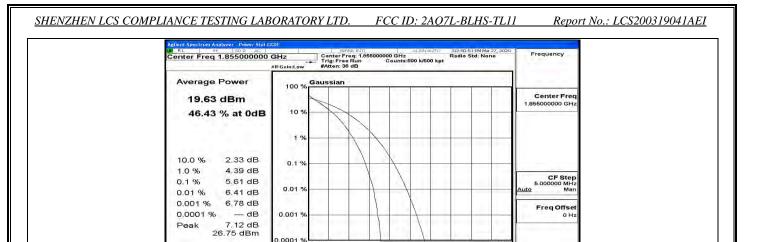








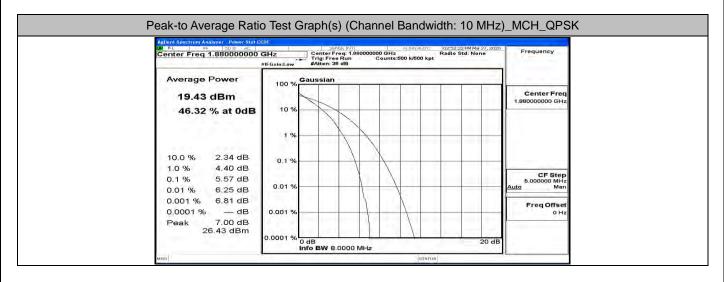
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

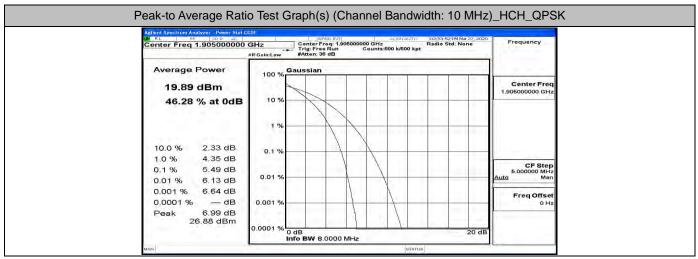


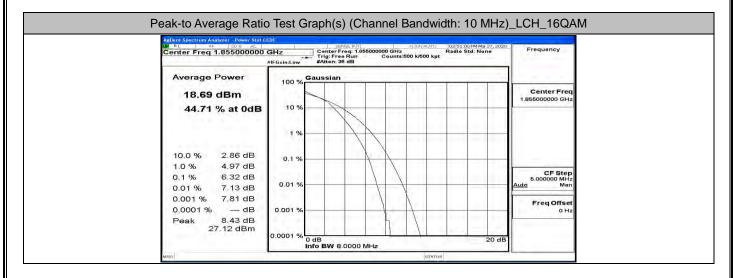
20 dB

0.0001 %

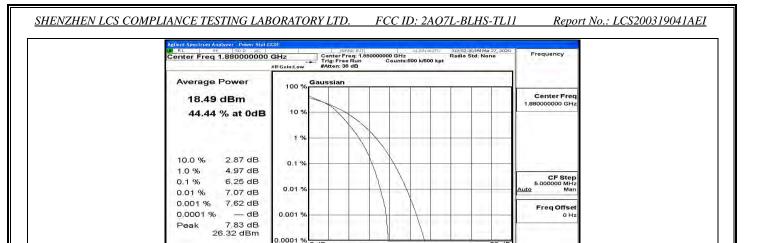
0 dB Info BW 8.0000 MHz







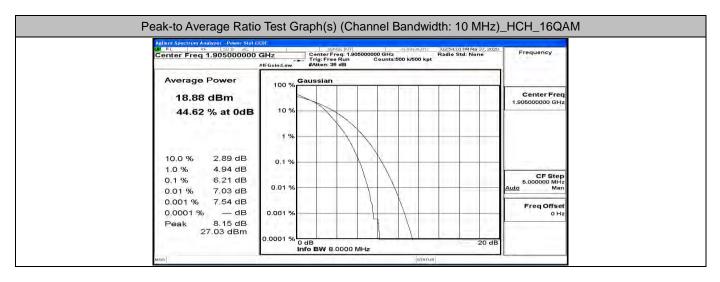
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM

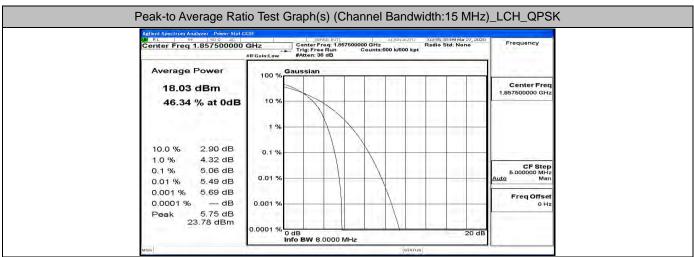


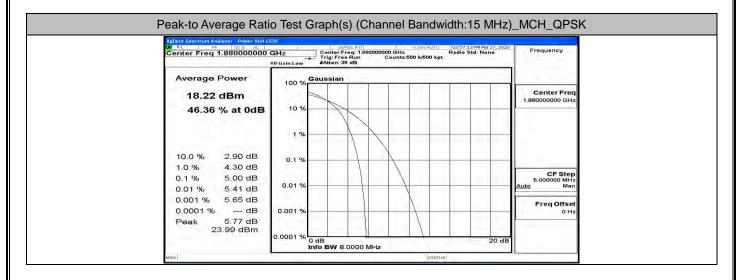
20 dB

0.0001 %

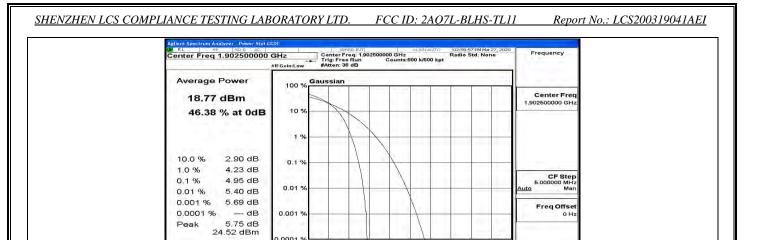
0 dB Info BW 8.0000 MHz







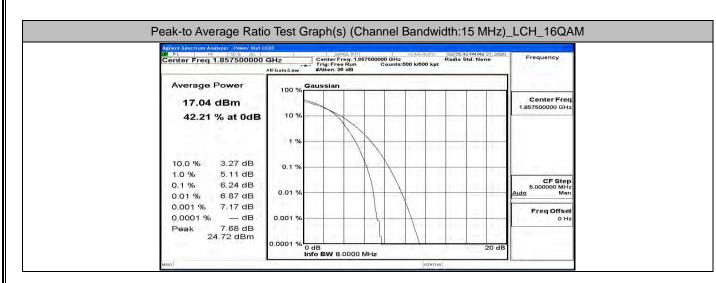
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK

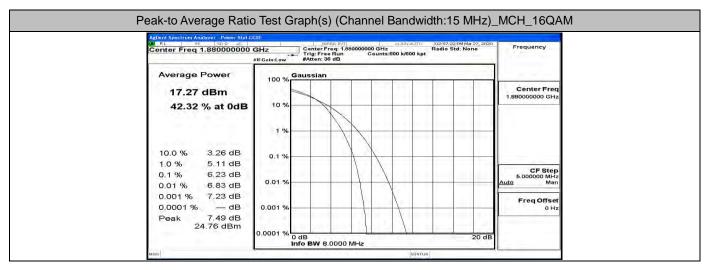


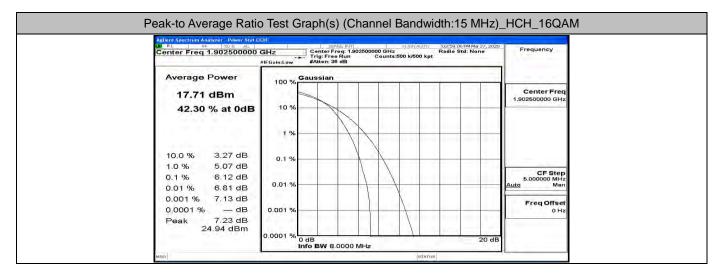
20 dB

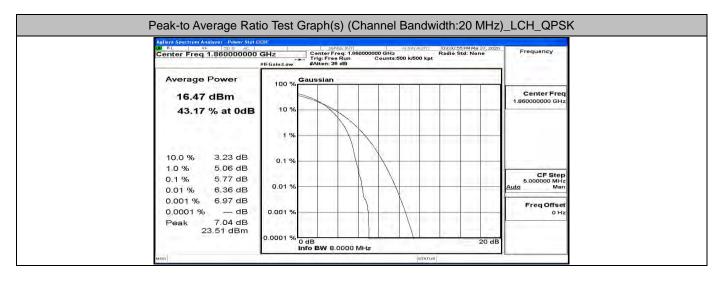
0.0001 %

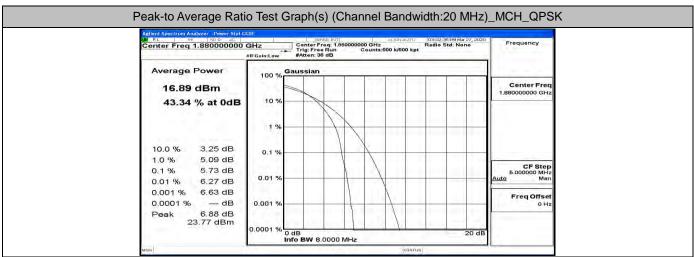
0 dB Info BW 8.0000 MHz

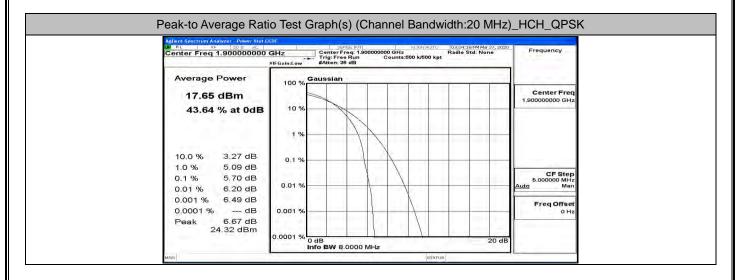


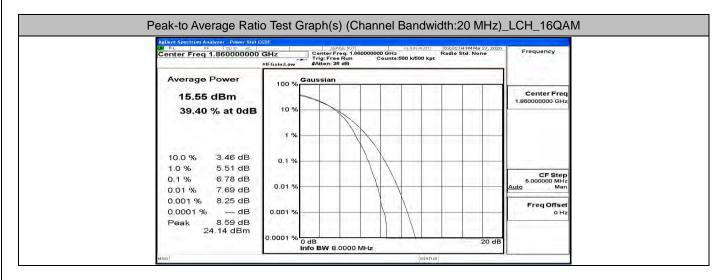


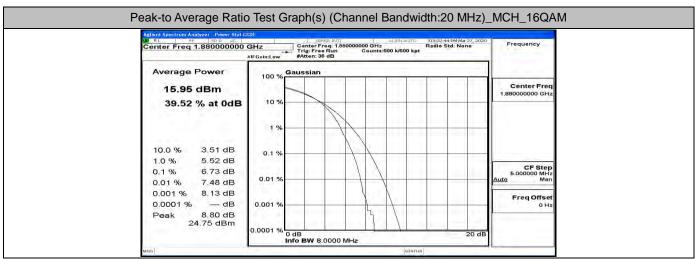


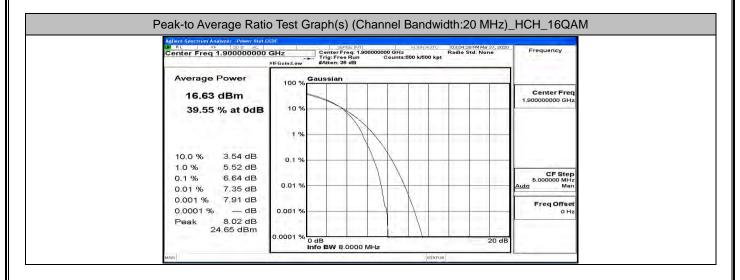












D.3 26dB Bandwidth and Occupied Bandwidth

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0757	1.233	PASS
	MCH	1.0729	1.231	PASS
	HCH	1.0779	1.212	PASS
16QAM	LCH	1.0797	1.249	PASS
	MCH	1.0787	1.237	PASS
	HCH	1.0755	1.225	PASS

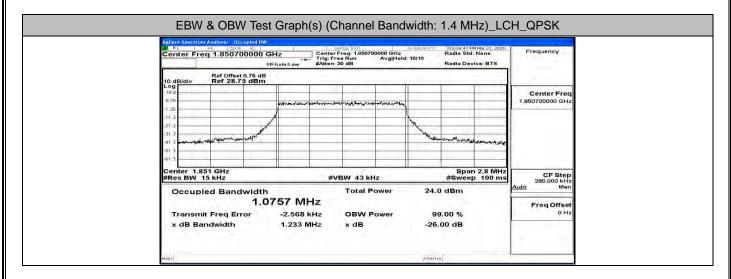
EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation		(MHz)	(MHz)	
	LCH	2.6808	2.836	PASS
QPSK	MCH	2.6788	2.821	PASS
	HCH	2.6813	2.818	PASS
16QAM	LCH	2.6790	2.823	PASS
	MCH	2.6807	2.819	PASS
	HCH	2.6777	2.844	PASS

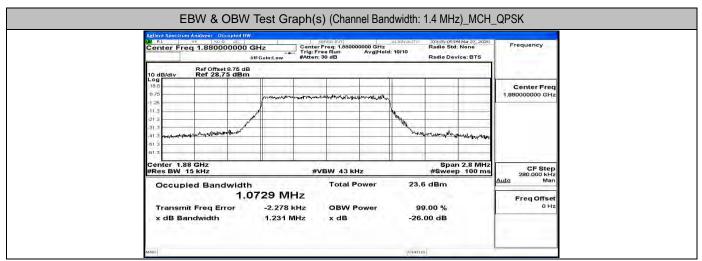
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation		(MHz)	(MHz)	
QPSK	LCH	4.4706	4.864	PASS
	MCH	4.4764	4.883	PASS
	HCH	4.4732	4.912	PASS
16QAM	LCH	4.4802	4.891	PASS
	MCH	4.4672	4.874	PASS
	HCH	4.4844	4.872	PASS

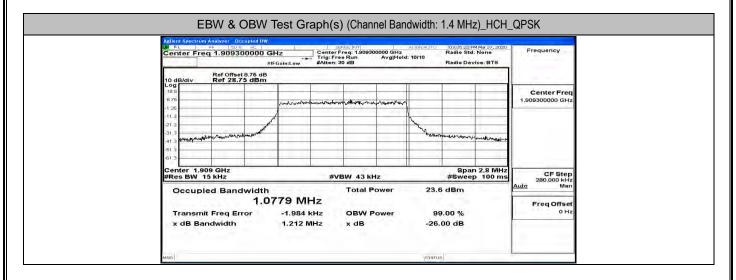
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation		(MHz)	(MHz)	
QPSK	LCH	8.9328	9.577	PASS
	MCH	8.9436	9.544	PASS
	HCH	8.9380	9.462	PASS
16QAM	LCH	8.9402	9.509	PASS
	MCH	8.9472	9.535	PASS
	HCH	8.9426	9.491	PASS

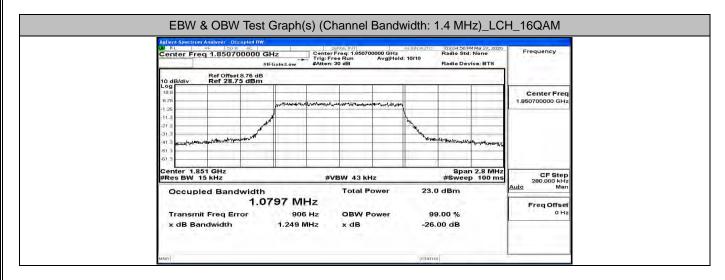
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Iviodulation	Chamer	(MHz)	(MHz)	
QPSK	LCH	13.443	14.23	PASS
	MCH	13.422	13.99	PASS
	HCH	13.381	14.02	PASS
16QAM	LCH	13.429	14.21	PASS
	MCH	13.411	14.07	PASS
	HCH	13.377	14.10	PASS

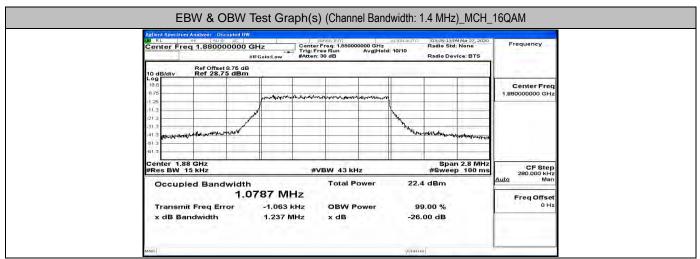
EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
		(MHz)	(MHz)	
QPSK	LCH	17.876	18.71	PASS
	MCH	17.883	18.61	PASS
	HCH	17.808	18.56	PASS
16QAM	LCH	17.886	18.69	PASS
	MCH	17.883	18.62	PASS
	HCH	17.803	18.54	PASS

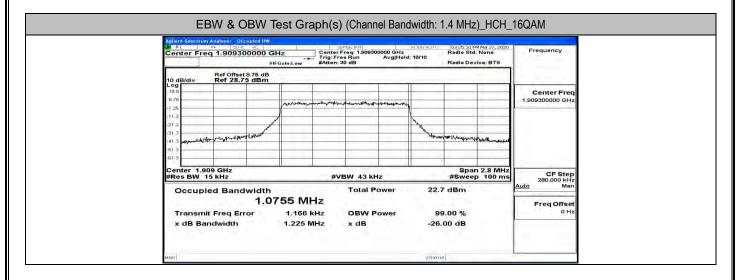


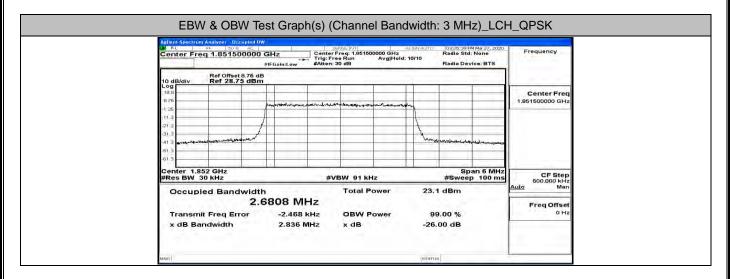


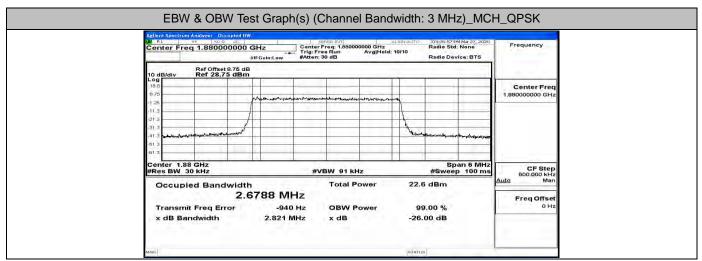


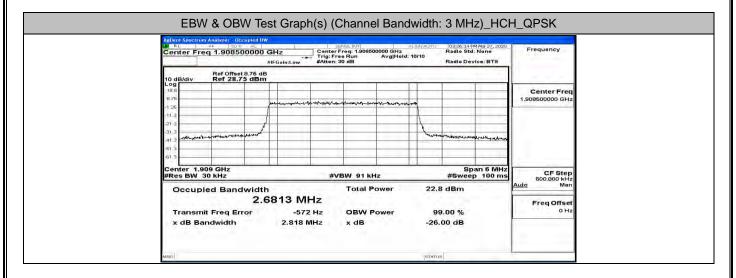


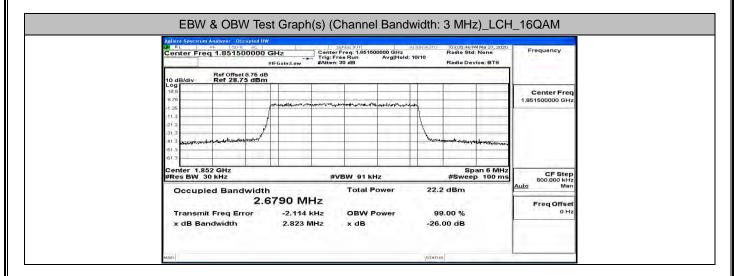


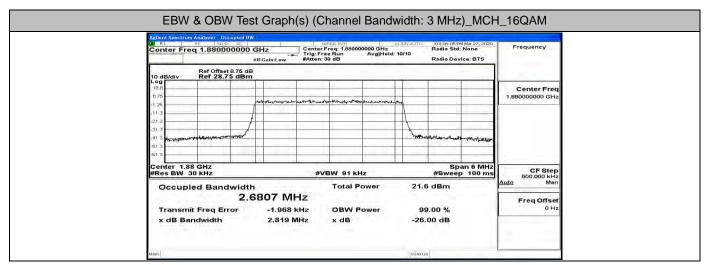


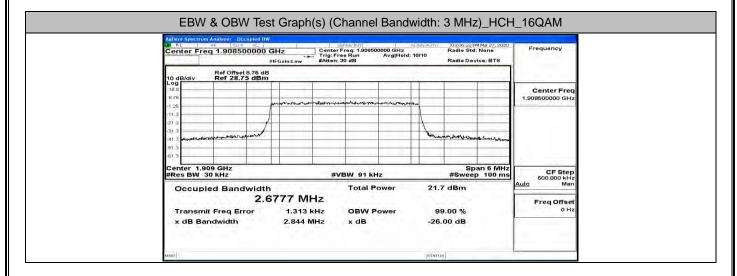


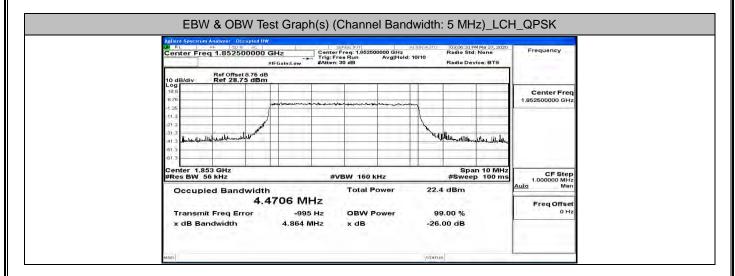


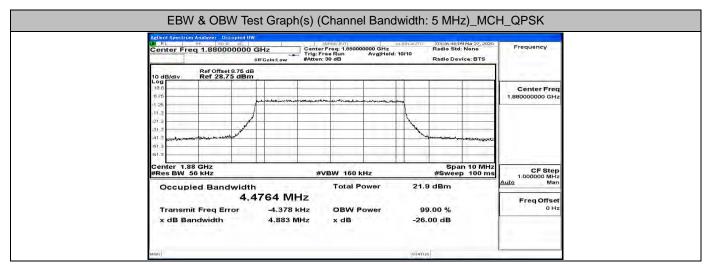


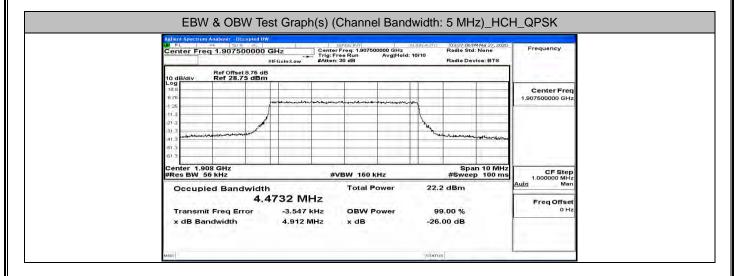


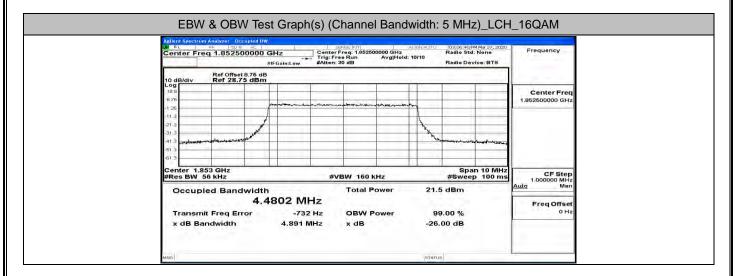


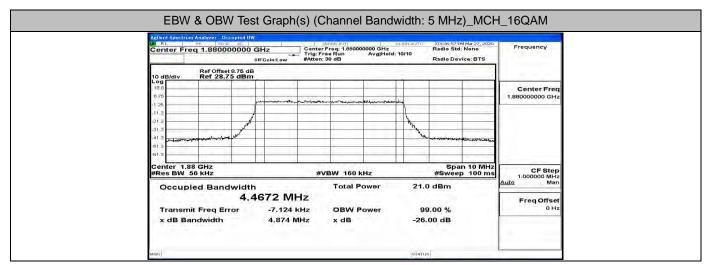


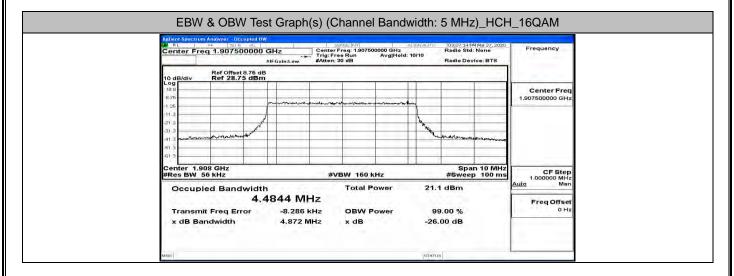


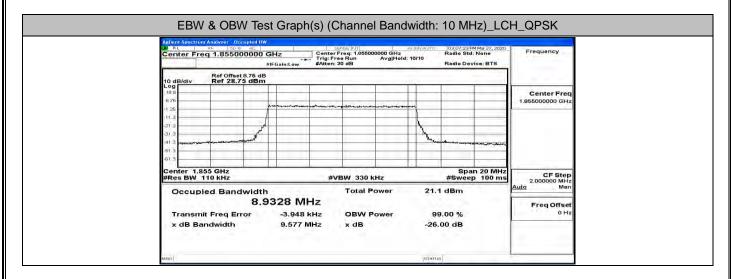


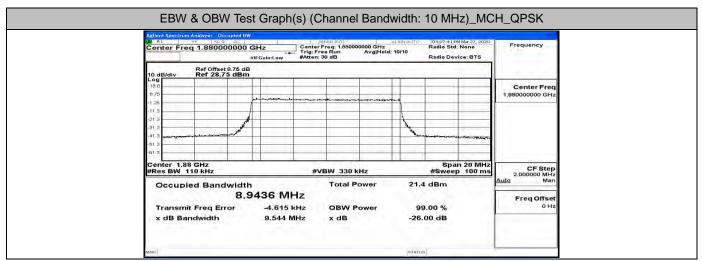


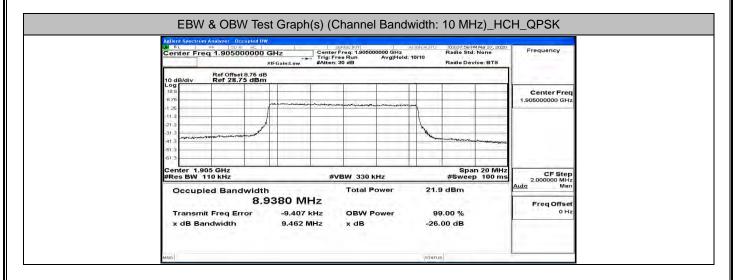


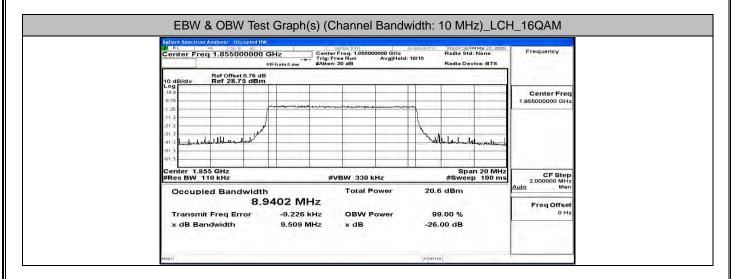


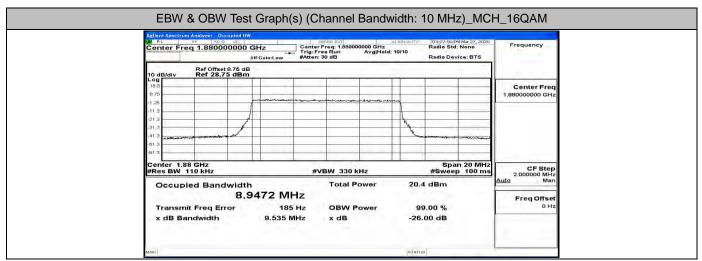


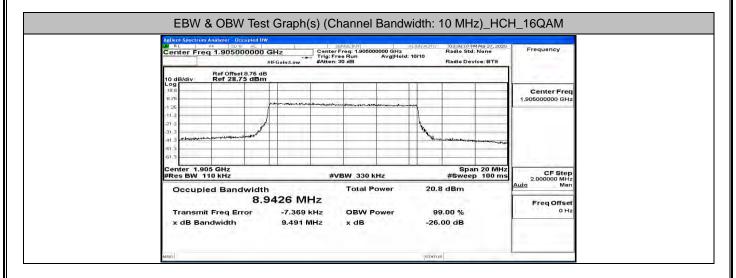


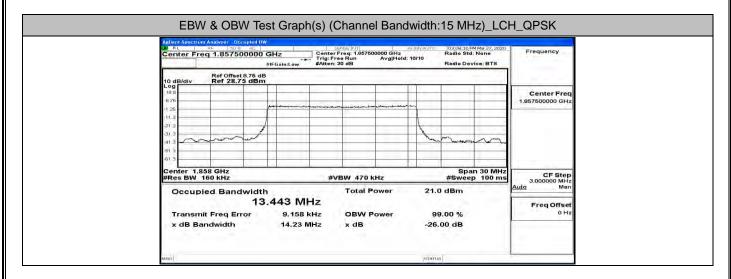


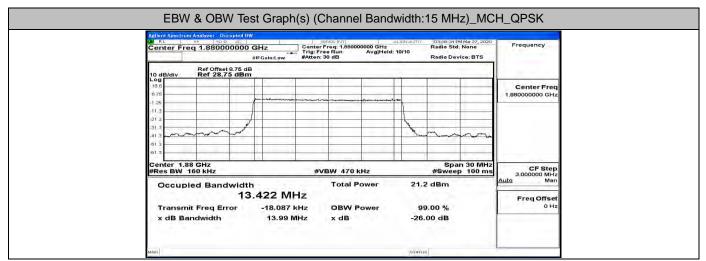


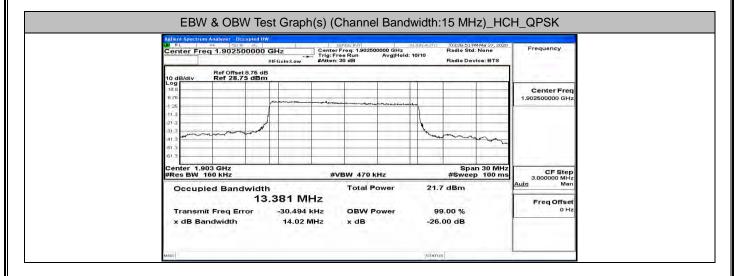


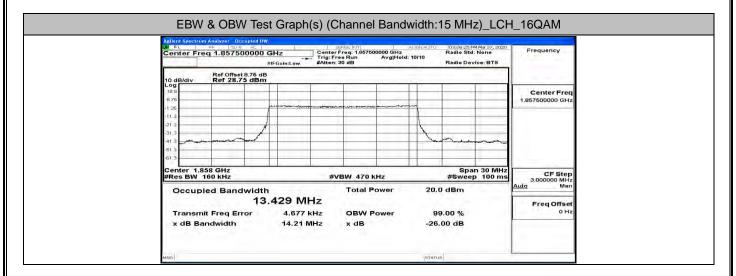


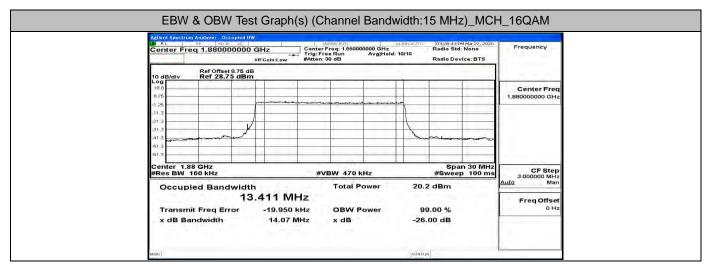


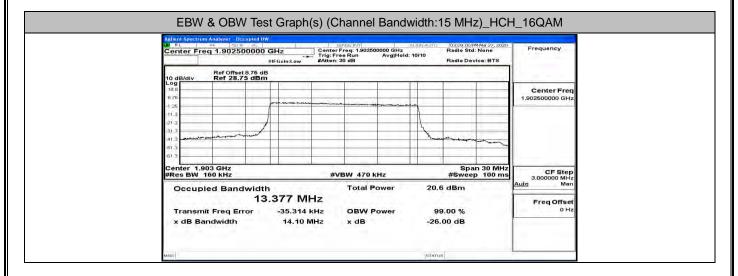


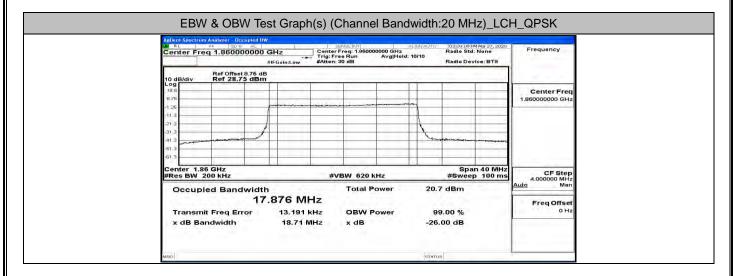


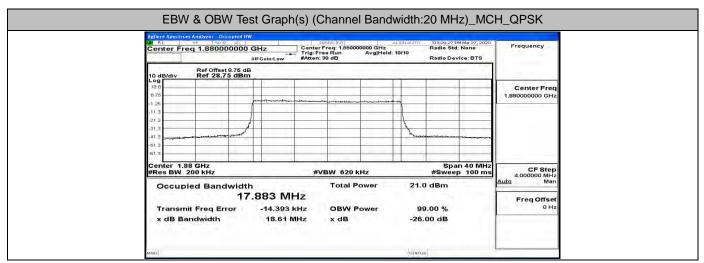


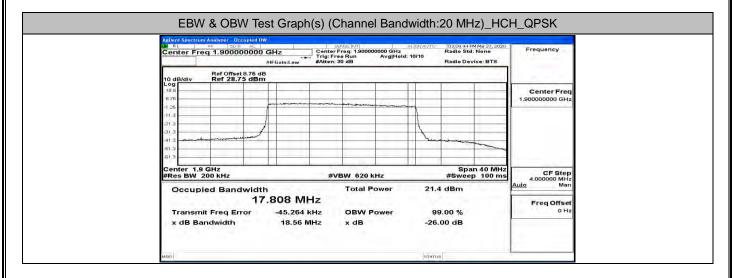


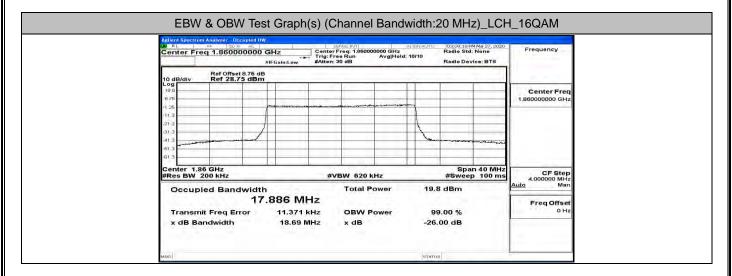


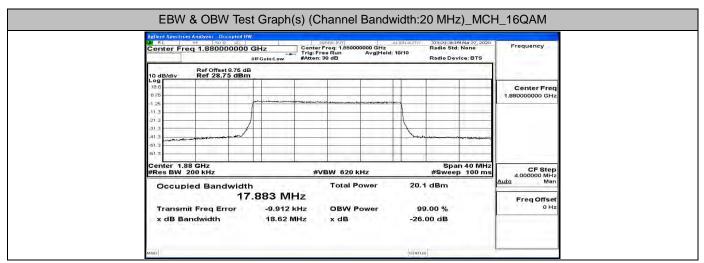


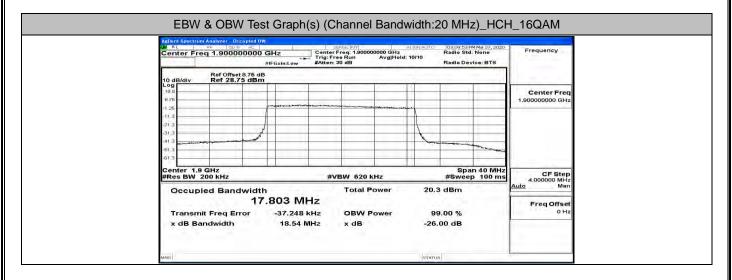




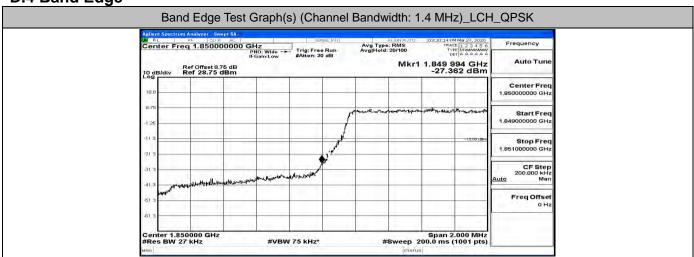


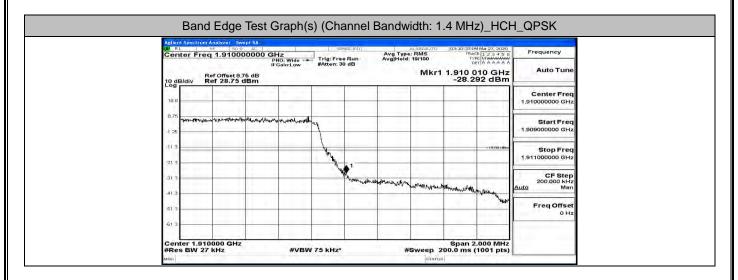


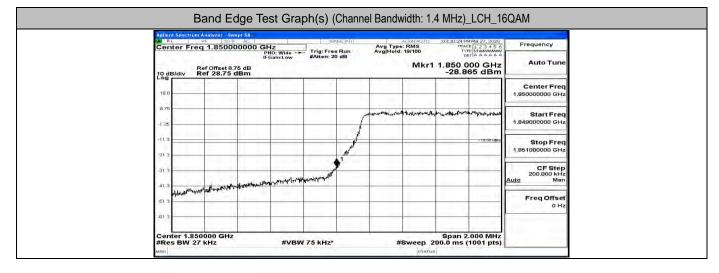


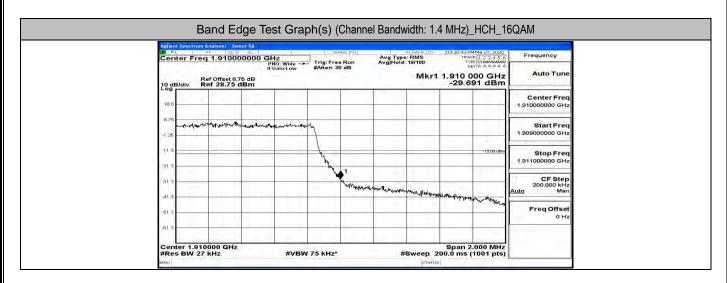


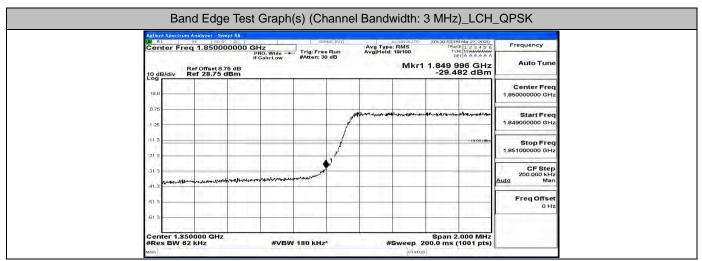
D.4 Band Edge

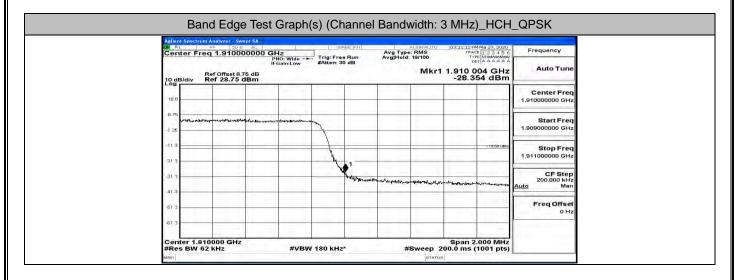


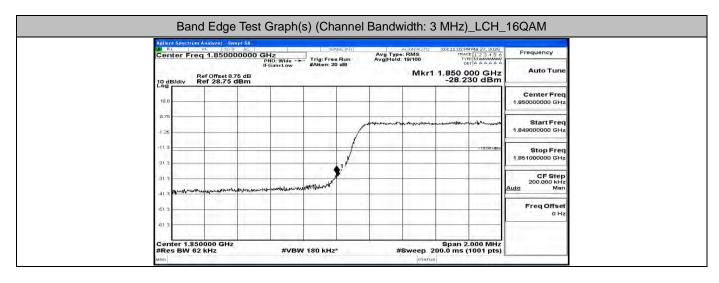


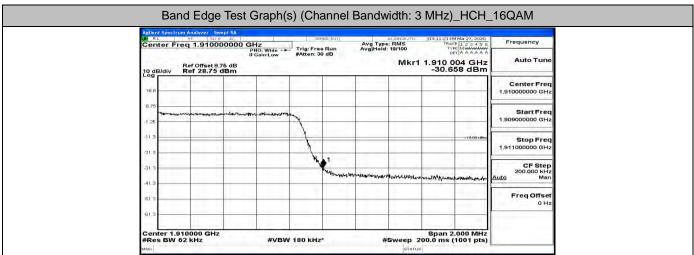


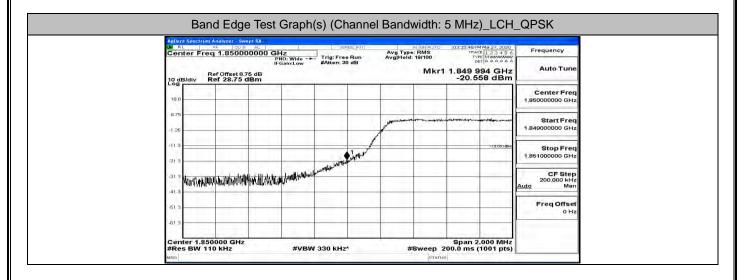


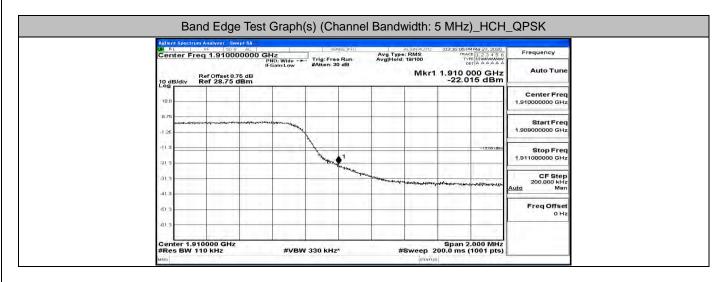


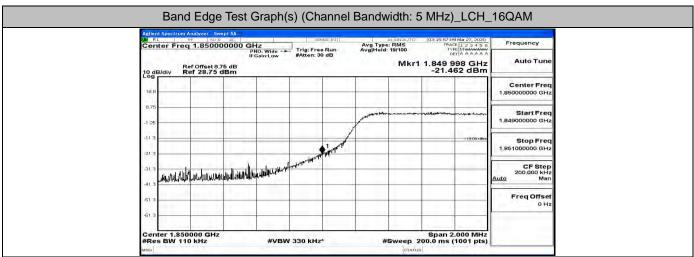


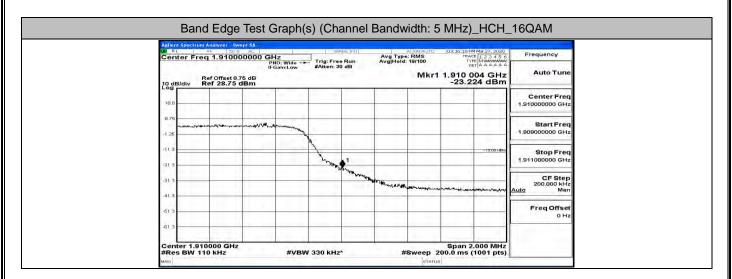




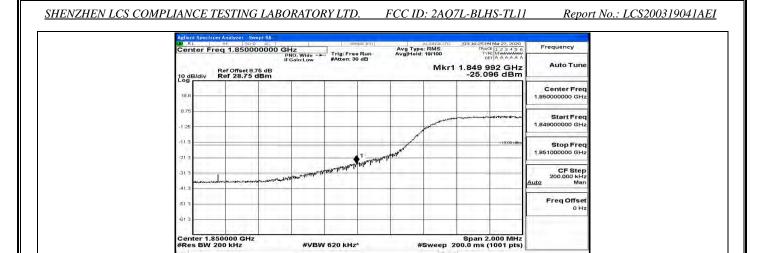




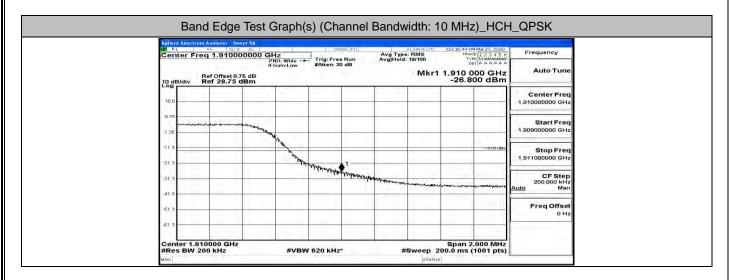


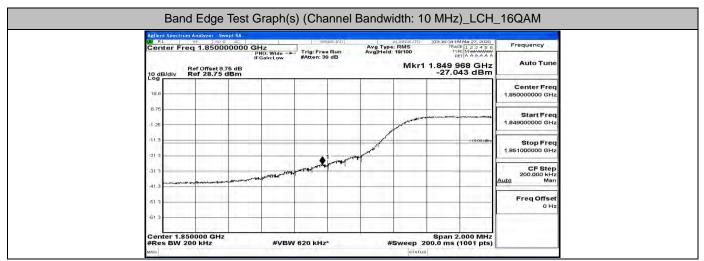


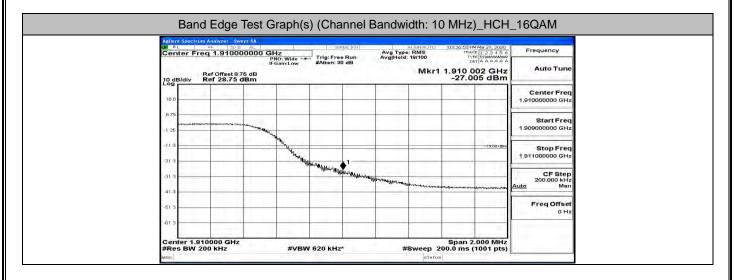
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



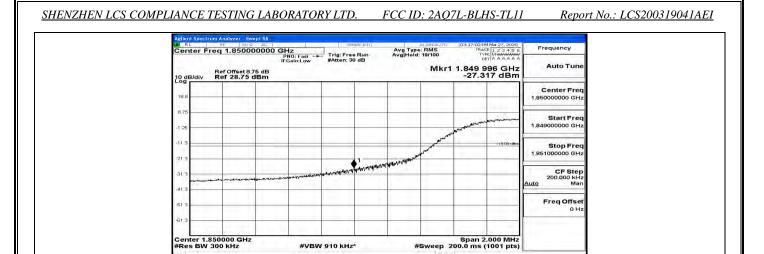
#VBW 620 kHz*



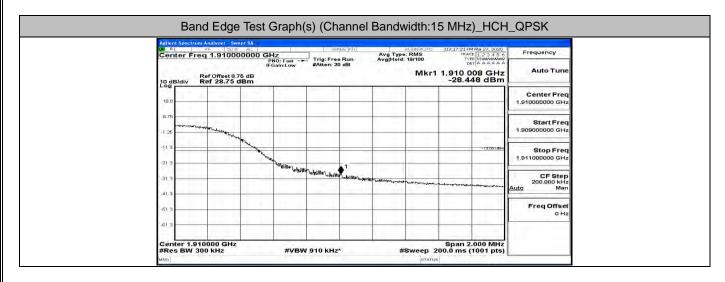


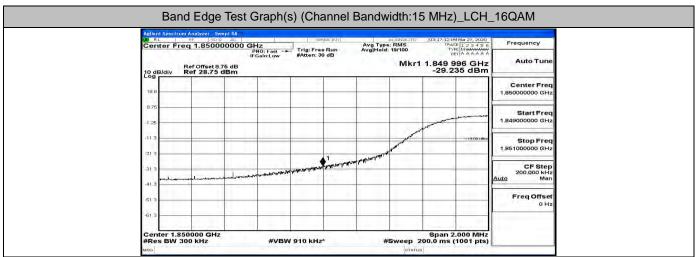


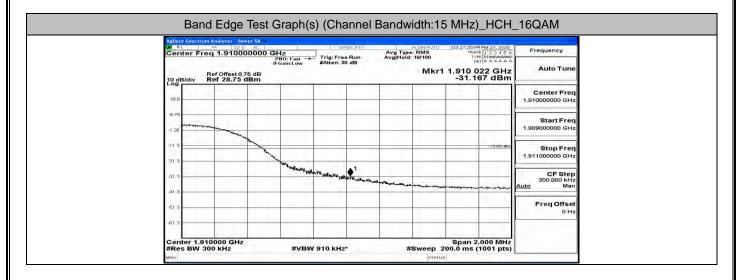
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK

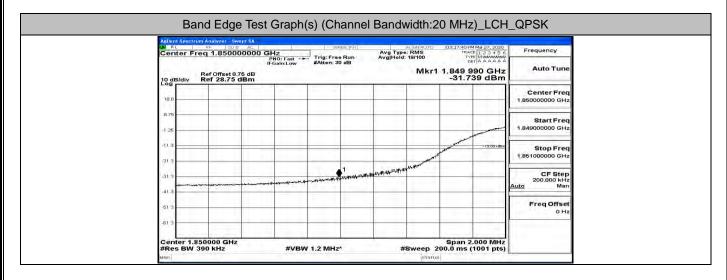


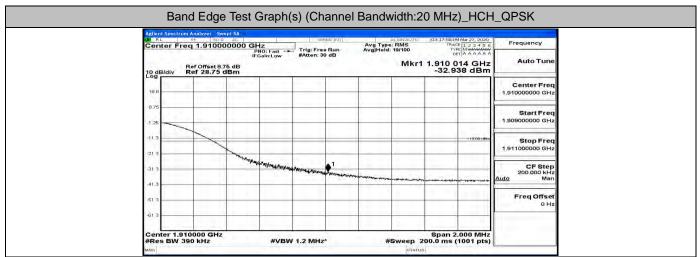
#VBW 910 kHz*

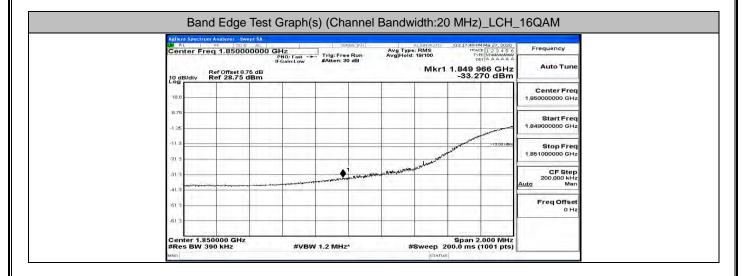


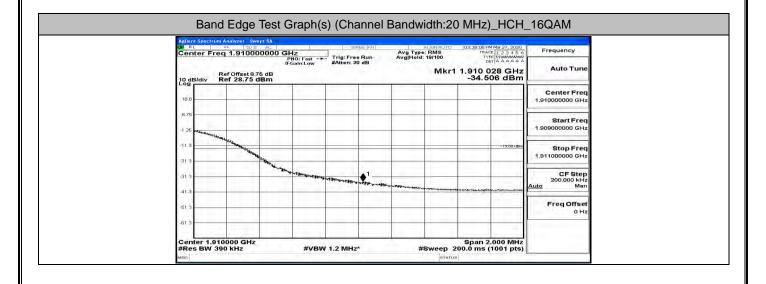






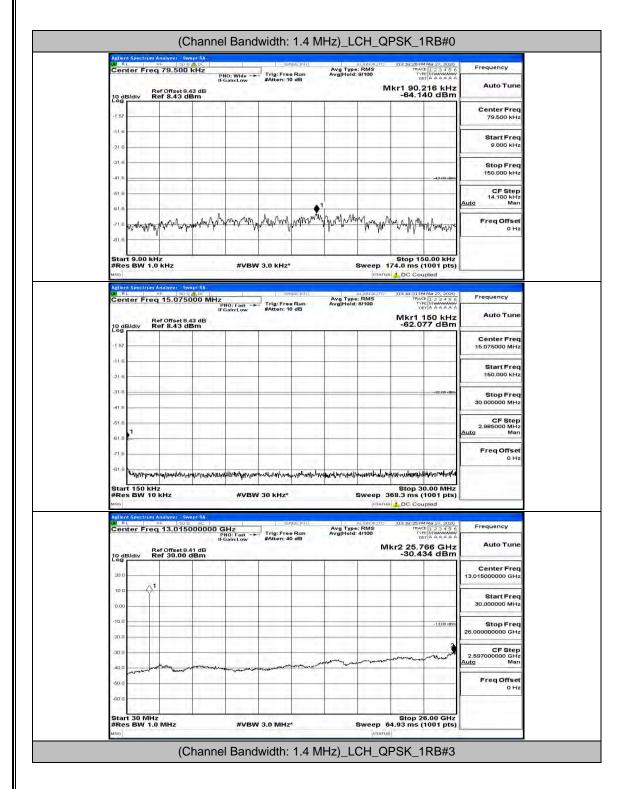


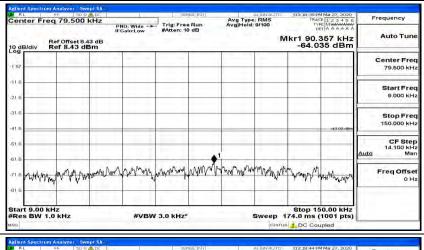


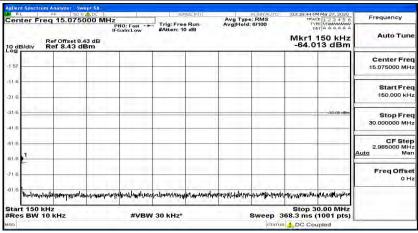


D.5 Conducted Spurious Emission

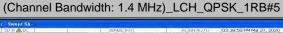
Channel Bandwidth: 1.4 MHz

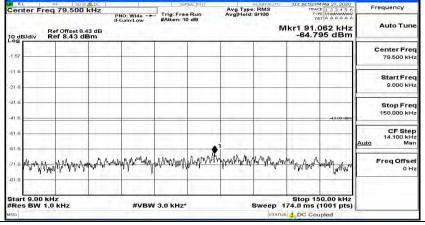


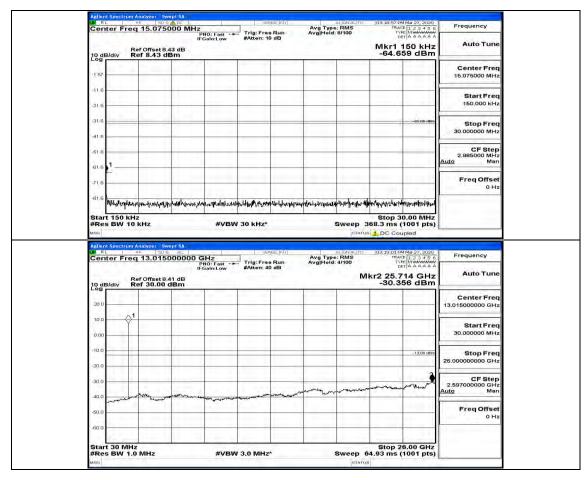


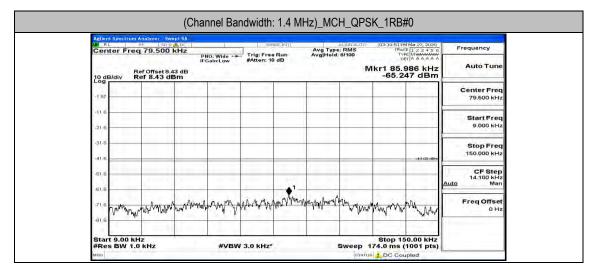


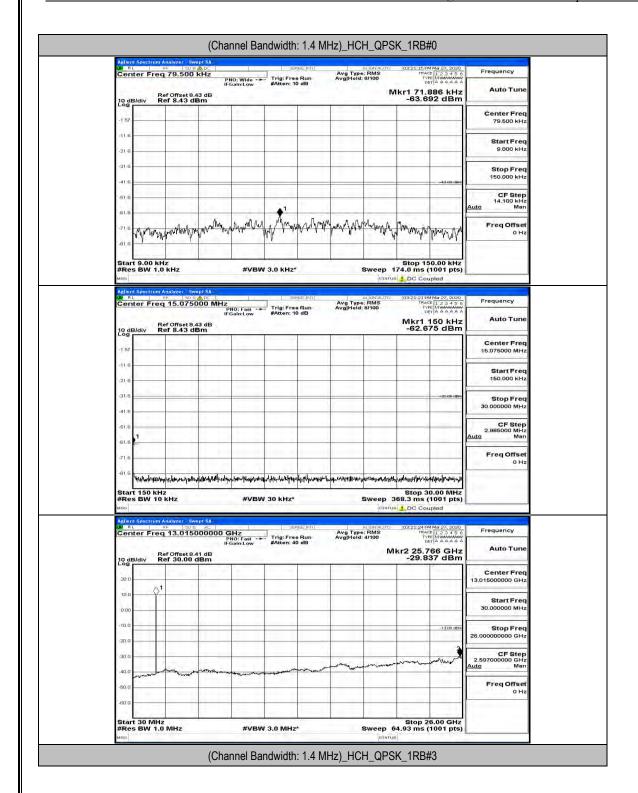


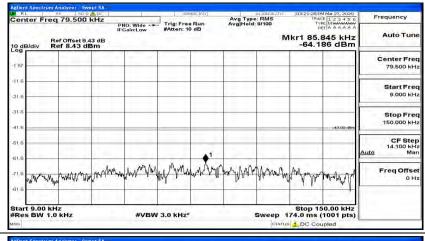






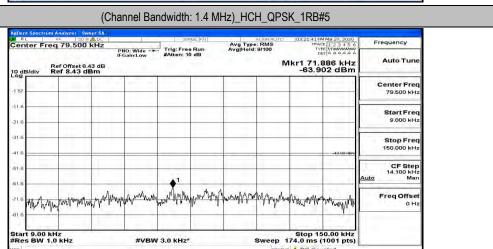


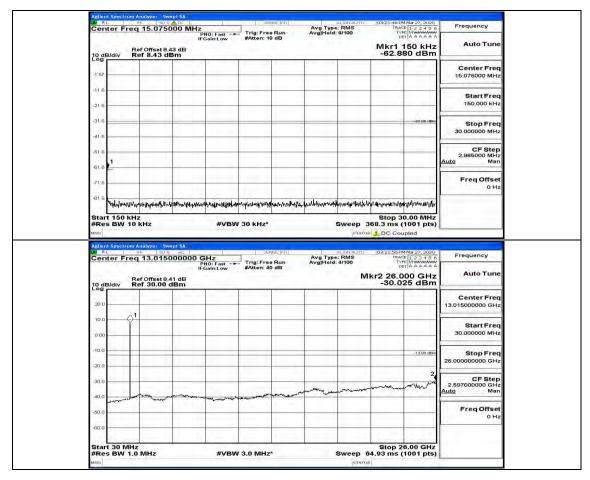


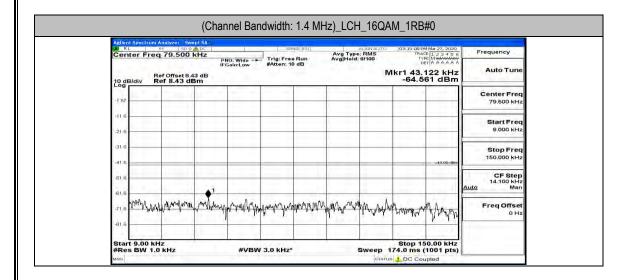


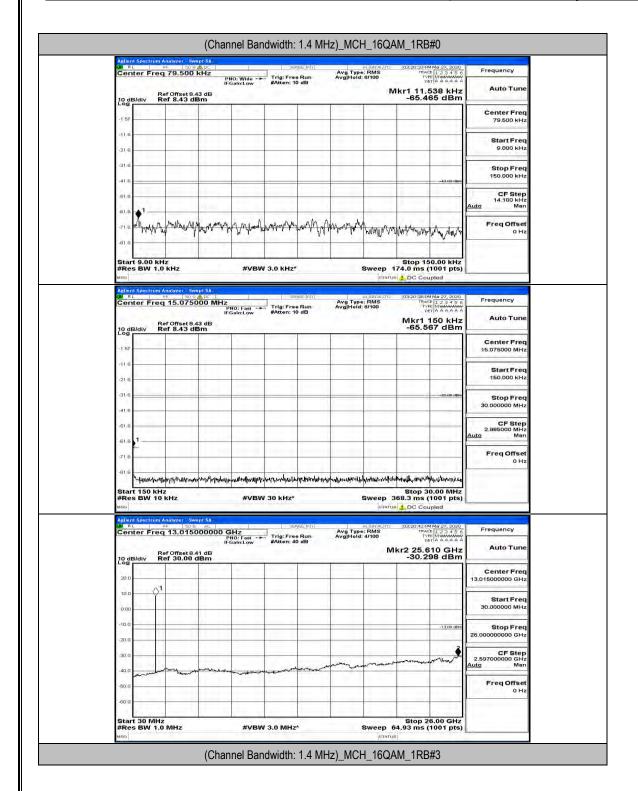


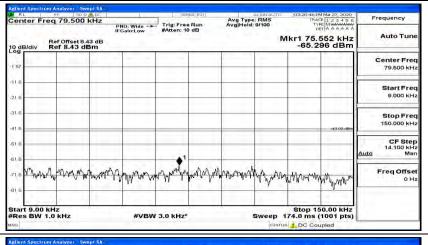


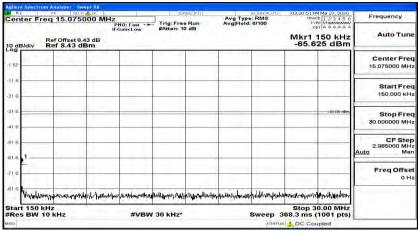




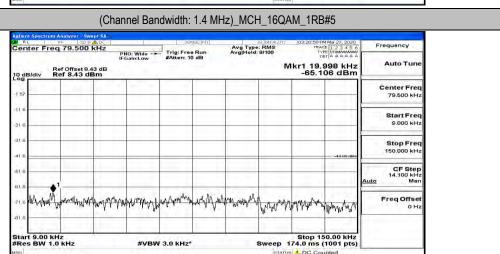


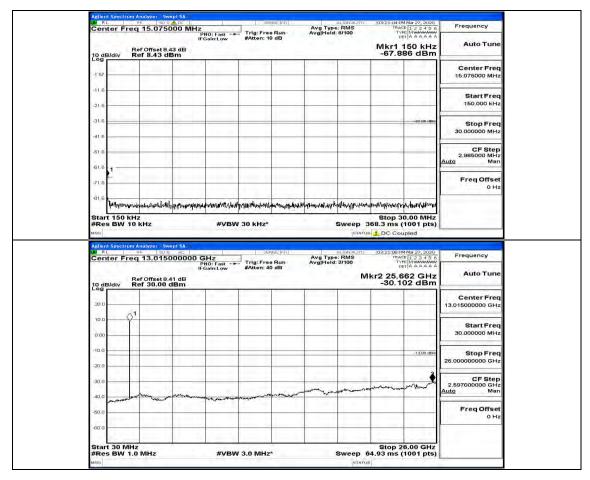


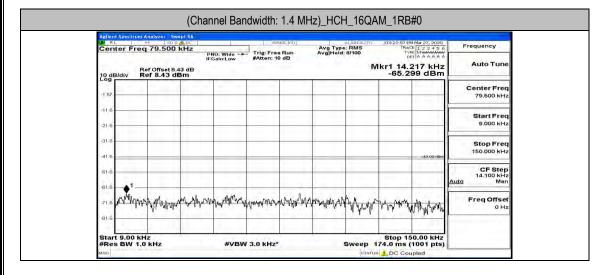




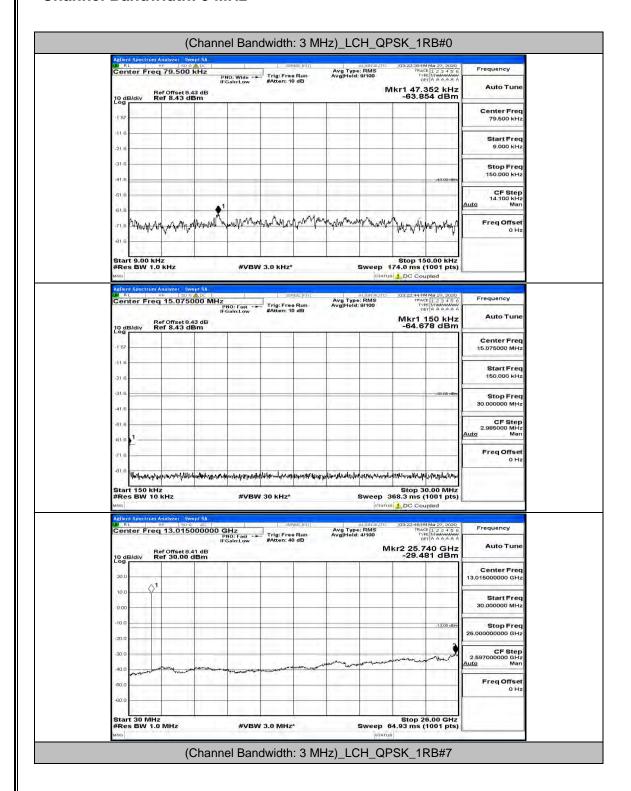








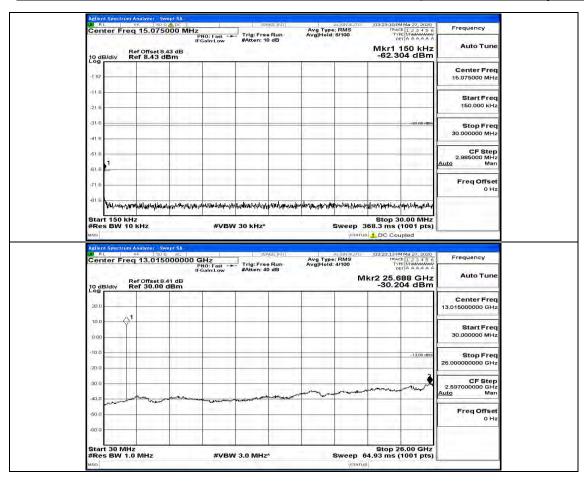
Channel Bandwidth: 3 MHz

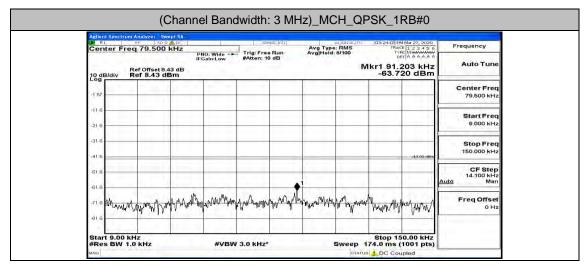


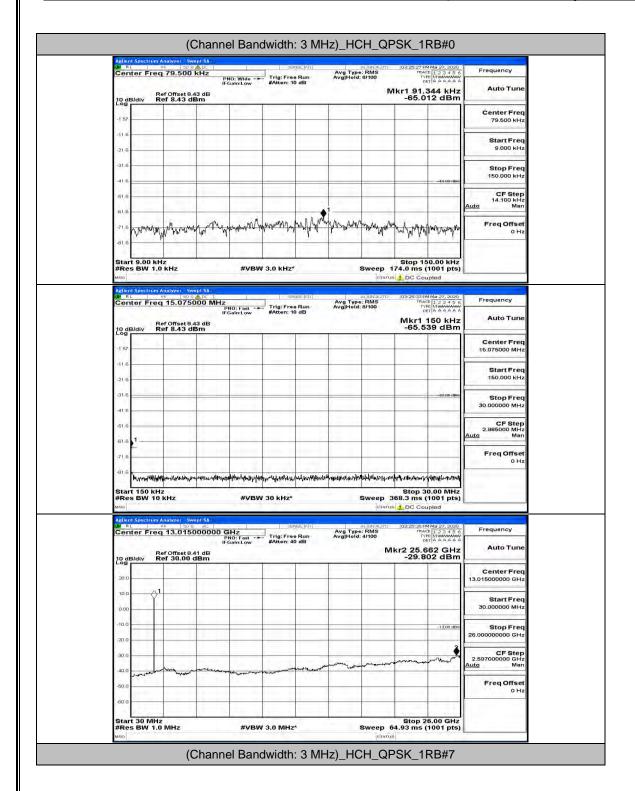
Stop 150.00 kHz Sweep 174.0 ms (1001 pts)

Start 9.00 kHz #Res BW 1.0 kHz

#VBW 3.0 kHz*







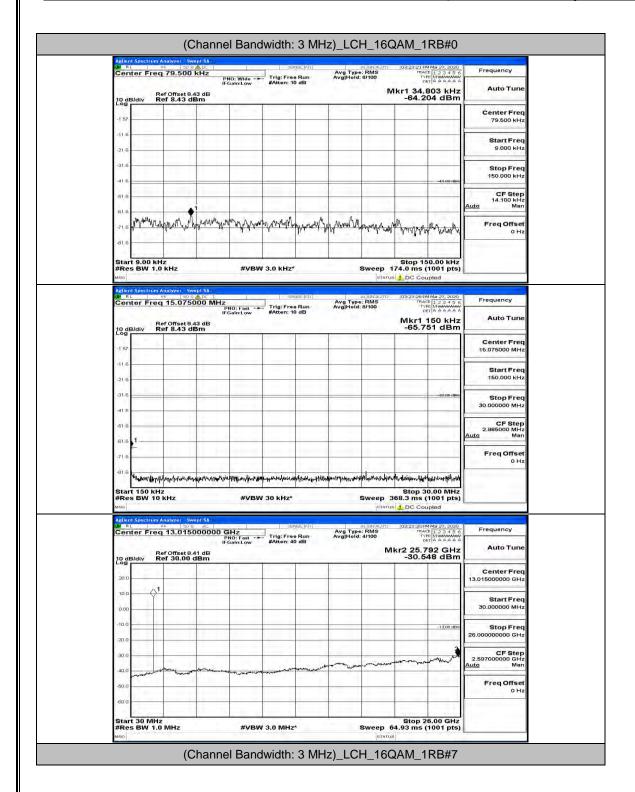
Stop 150.00 kHz Sweep 174.0 ms (1001 pts)

Start 9.00 kHz #Res BW 1.0 kHz

#VBW 3.0 kHz*

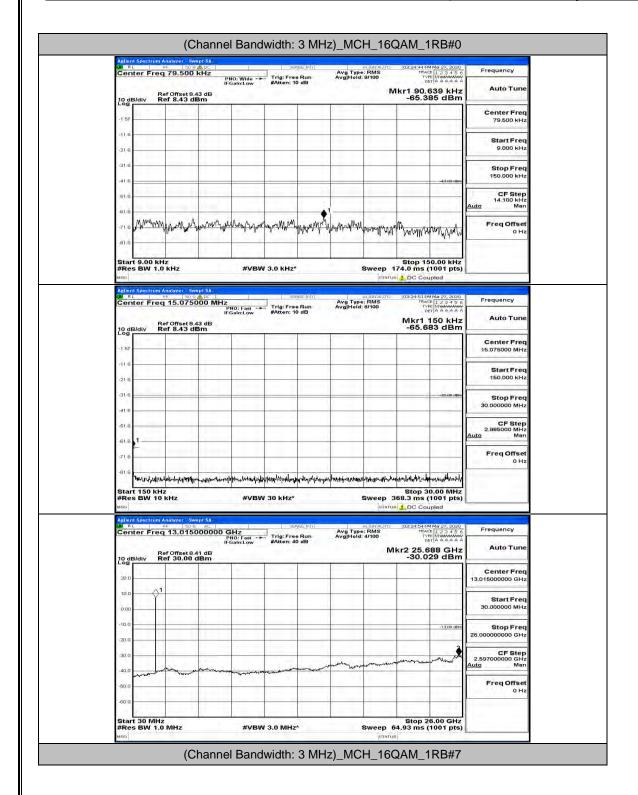
Start 30 MHz #Res BW 1.0 MHz Freq Offset 0 Hz

Stop 26.00 GHz Sweep 64.93 ms (1001 pts)



Start 30 MHz #Res BW 1.0 MHz Freq Offset 0 Hz

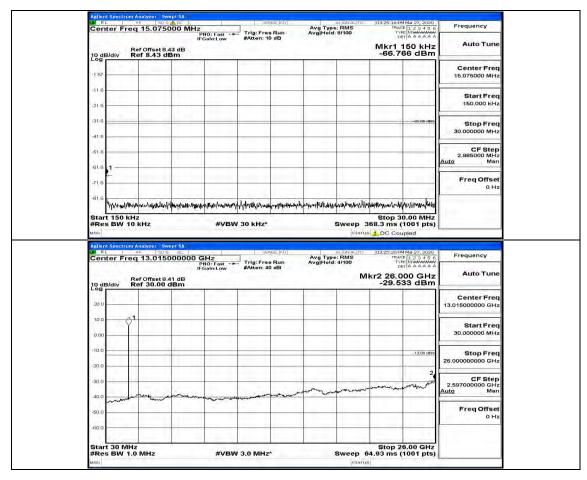
Stop 26.00 GHz Sweep 64.93 ms (1001 pts)

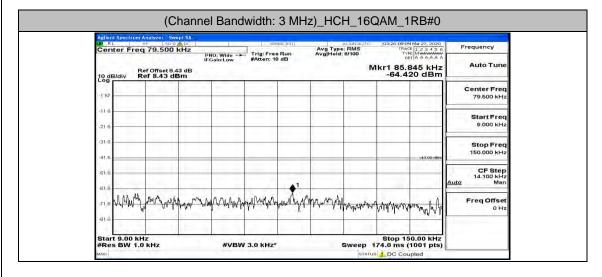


Stop 150.00 kHz Sweep 174.0 ms (1001 pts)

Start 9.00 kHz #Res BW 1.0 kHz

#VBW 3.0 kHz*





Channel Bandwidth: 5 MHz

