# **Appendix D for LTE Band 2**

**Product Name: Tablet pc** Trade Mark: N/A

Test Model: 7LB1

#### **Environmental Conditions**

Temperature:	23.2 ° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
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	Chamilei	Size	Offset	QPSK	16QAM	verdict				
		1	0	22.72	22.01	PASS				
		1	3	22.74	22.18	PASS				
		1	5	22.80	22.10	PASS				
	LCH	3	0	22.76	21.75	PASS				
		3	2	22.97	21.91	PASS				
		3	3	22.99	21.86	PASS				
		6	0	21.85	20.67	PASS				
		1	0	22.87	21.94	PASS				
		1	3	22.92	22.02	PASS				
QPSK /		1	5	22.66	21.88	PASS				
16QAM	MCH	3	0	22.74	21.71	PASS				
IOQAW		3	2	22.80	21.69	PASS				
		3	3	22.86	21.42	PASS				
		6	0	21.65	20.68	PASS				
		1	0	22.89	21.90	PASS				
		1	3	22.77	21.78	PASS				
		1	5	22.69	21.64	PASS				
	HCH	3	0	22.85	21.97	PASS				
		3	2	22.79	21.91	PASS				
		3	3	22.79	21.91	PASS				
		6	0	21.77	20.71	PASS				

SHENZHEN L	7LB1 Report No.: LCS200	915126AEG							
	Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)								
Madulatian	Channal	RB Conf	figuration	Average Power [dBm]	Average Power [dBm]	\/a vali a4			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	22.79	21.91	PASS			
		1	7	22.96	21.93	PASS			

Modulation Channel		RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	verdict
	1	0	22.79	21.91	PASS	
		1	7	22.96	21.93	PASS
		1	14	22.66	21.79	PASS
	LCH	8	0	21.69	20.54	PASS
		8	4	21.81	20.59	PASS
		8	7	21.69	20.52	PASS
		15	0	21.68	20.74	PASS
		1	0	22.88	21.93	PASS
		1	7	23.02	22.13	PASS
QPSK /		1	14	22.75	22.10	PASS
16QAM	MCH	8	0	21.85	21.04	PASS
IOQAW		8	4	21.89	21.06	PASS
		8	7	21.84	21.11	PASS
		15	0	21.80	20.73	PASS
		1	0	22.85	21.36	PASS
		1	7	22.93	21.60	PASS
		1	14	22.64	21.65	PASS
	HCH	8	0	21.92	21.33	PASS
		8	4	21.77	20.99	PASS
		8	7	21.77	20.72	PASS
		15	0	21.87	20.89	PASS

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)									
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict				
Modulation	Onarmor	Size	Offset	QPSK	16QAM	Vordiot				
		1	0	22.67	21.12	PASS				
		1	12	23.16	21.04	PASS				
		1	24	22.75	20.84	PASS				
	LCH	12	0	21.54	20.70	PASS				
		12	6	21.64	20.53	PASS				
		12	13	21.69	20.49	PASS				
		25	0	21.65	20.89	PASS				
	мсн	1	0	22.81	21.48	PASS				
		1	12	22.97	21.70	PASS				
QPSK /		1	24	22.80	21.26	PASS				
16QAM		12	0	21.91	20.83	PASS				
TOQAM		12	6	21.93	20.69	PASS				
		12	13	21.86	20.75	PASS				
		25	0	21.85	21.06	PASS				
		1	0	22.81	21.56	PASS				
		1	12	23.20	21.85	PASS				
		1	24	22.25	21.41	PASS				
	HCH	12	0	21.86	21.07	PASS				
		12	6	21.85	21.10	PASS				
		12	13	21.74	20.82	PASS				
		25	0	21.84	20.98	PASS				

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)									
Madulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	\/a nali at			
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	23.07	22.69	PASS			
		1	24	23.17	22.82	PASS			
		1	49	22.58	21.95	PASS			
	LCH	25	0	21.96	21.00	PASS			
		25	12	22.00	21.03	PASS			
		25	25	21.97	21.02	PASS			
		50	0	21.93	21.03	PASS			
	мсн		1	0	22.10	21.56	PASS		
		1	24	23.78	23.30	PASS			
QPSK /		1	49	22.76	22.17	PASS			
16QAM		25	0	21.98	21.11	PASS			
IOQAW		25	12	22.04	21.25	PASS			
		25	25	21.90	20.92	PASS			
		50	0	21.90	21.13	PASS			
		1	0	20.69	20.04	PASS			
		1	24	22.77	22.17	PASS			
		1	49	21.69	21.07	PASS			
	HCH	25	0	21.68	20.64	PASS			
		25	12	22.62	20.90	PASS			
		25	25	21.81	20.84	PASS			
		50	0	21.78	20.91	PASS			

		Conducted	Output Pow	er Test Result (Channel Band	lwidth: 15 MHz)	
Madulation	Chamal	RB Conf	figuration	Average Power [dBm]	Average Power [dBm]	\/a nalia t
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	22.89	22.76	PASS
		1	37	23.44	22.93	PASS
		1	74	21.98	21.37	PASS
	LCH	37	0	21.93	21.01	PASS
		37	18	22.07	21.00	PASS
		37	38	22.01	20.96	PASS
		75	0	22.00	21.22	PASS
		1	0	21.56	20.91	PASS
	MCH	1	37	23.61	22.98	PASS
QPSK /		1	74	22.82	22.53	PASS
16QAM		37	0	22.00	20.93	PASS
TOQAIVI		37	18	22.03	21.08	PASS
		37	38	21.92	21.11	PASS
		75	0	21.99	21.11	PASS
		1	0	20.93	20.34	PASS
		1	37	21.66	21.10	PASS
		1	74	21.18	20.65	PASS
	HCH	37	0	20.96	20.02	PASS
		37	18	21.59	20.71	PASS
		37	38	22.24	21.29	PASS
	_	75	0	21.56	20.74	PASS

	Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)									
Modulation	Channel	RB Conf	figuration	Average Power [dBm]	Average Power [dBm]	Verdict				
Modulation	Chamilei	Size	Offset	QPSK	16QAM	Verdict				
		1	0	22.94	21.64	PASS				
		1	49	23.04	21.67	PASS				
		1	99	21.11	20.34	PASS				
	LCH	50	0	22.06	21.23	PASS				
		50	25	22.08	21.21	PASS				
		50	50	21.96	20.90	PASS				
		100	0	21.95	21.16	PASS				
	МСН	1	0	21.13	20.34	PASS				
		1	49	23.60	22.35	PASS				
QPSK /		1	99	22.51	20.96	PASS				
16QAM		50	0	21.88	20.97	PASS				
TOQAM		50	25	22.06	21.19	PASS				
		50	50	21.91	21.00	PASS				
		100	0	21.93	21.06	PASS				
		1	0	22.37	21.50	PASS				
		1	49	21.27	20.66	PASS				
		1	99	21.28	20.69	PASS				
	HCH	50	0	21.56	20.66	PASS				
		50	25	21.39	20.48	PASS				
		50	50	21.77	20.92	PASS				
		100	0	21.59	20.71	PASS				

## D.2 Peak-to-Average Ratio

Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)								
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Chame	[dB]	[dB]	verdict				
	LCH	5.01	<13	PASS				
QPSK	MCH	5.22	<13	PASS				
	HCH	5.05	<13	PASS				
	LCH	5.82	<13	PASS				
16QAM	MCH	6.05	<13	PASS				
	HCH	5.8	<13	PASS				

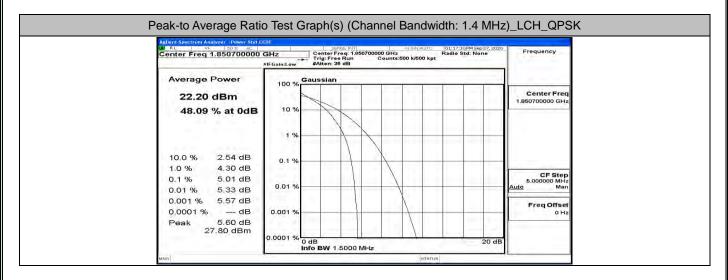
Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)								
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	verdict				
	LCH	5.09	<13	PASS				
QPSK	MCH	5.33	<13	PASS				
	HCH	5.08	<13	PASS				
16QAM	LCH	9.19	<13	PASS				
	MCH	6.12	<13	PASS				
	HCH	5.92	<13	PASS				

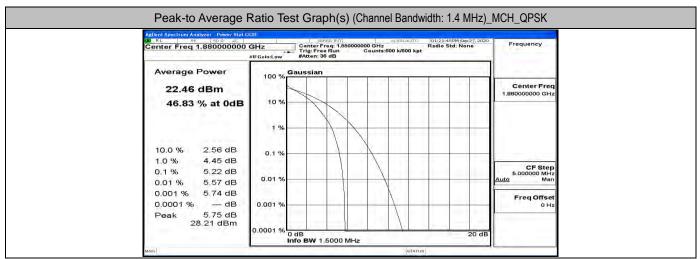
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)								
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Griannei	[dB]	[dB]	verdict				
	LCH	5.11	<13	PASS				
QPSK	MCH	5.27	<13	PASS				
	HCH	5.11	<13	PASS				
	LCH	5.79	<13	PASS				
16QAM	MCH	6.08	<13	PASS				
	HCH	5.91	<13	PASS				

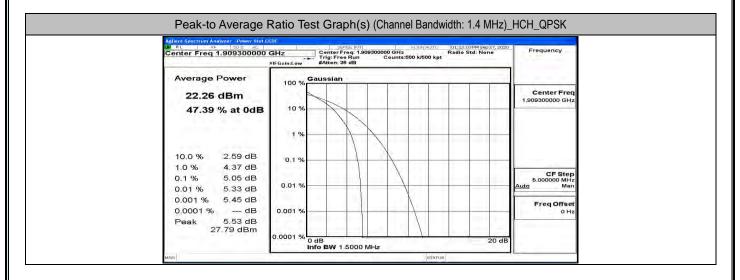
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)								
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Chamber	[dB]	[dB]	verdict				
	LCH	5.09	<13	PASS				
QPSK	MCH	5.23	<13	PASS				
	HCH	5.19	<13	PASS				
	LCH	5.9	<13	PASS				
16QAM	MCH	5.99	<13	PASS				
	HCH	6.01	<13	PASS				

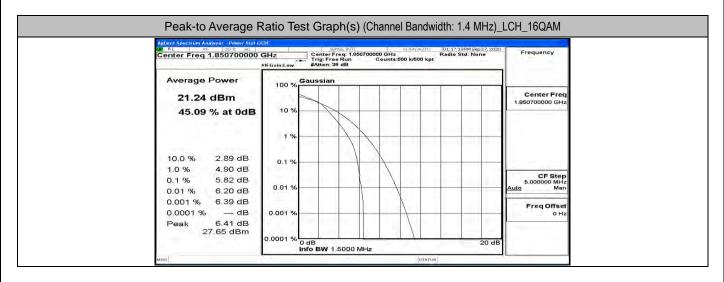
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
Modulation		[dB]	[dB]	verdict	
	LCH	4.93	<13	PASS	
QPSK	MCH	4.92	<13	PASS	
	HCH	5.14	<13	PASS	
16QAM	LCH	6.16	<13	PASS	
	MCH	6.18	<13	PASS	
	HCH	6.37	<13	PASS	

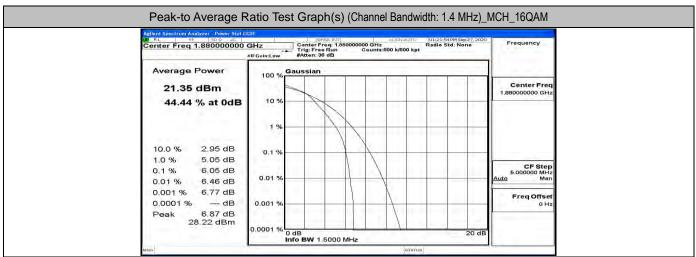
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)					
Mandada Gara	Channel	Peak-to-Average Ratio	Limit	Vandiat	
Modulation		[dB]	[dB]	Verdict	
	LCH	5.75	<13	PASS	
QPSK	MCH	5.75	<13	PASS	
	HCH	5.81	<13	PASS	
16QAM	LCH	6.71	<13	PASS	
	MCH	6.72	<13	PASS	
	HCH	6.75	<13	PASS	

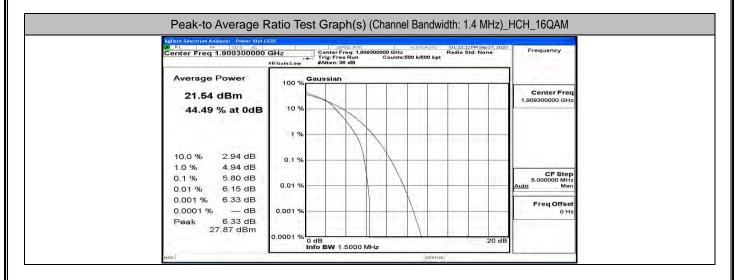


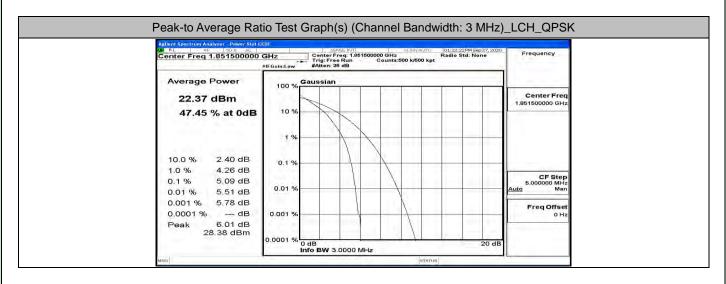


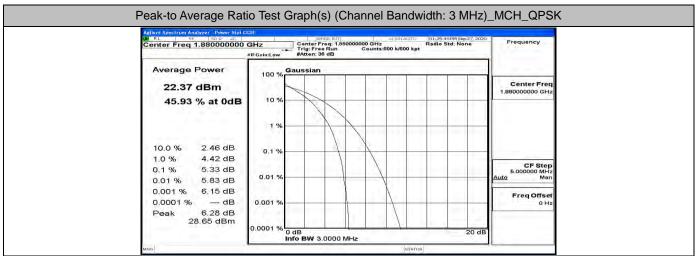


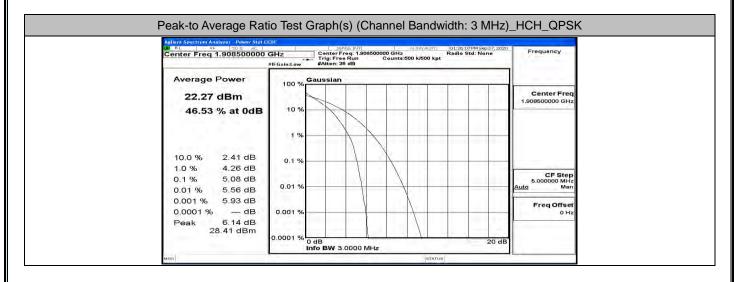


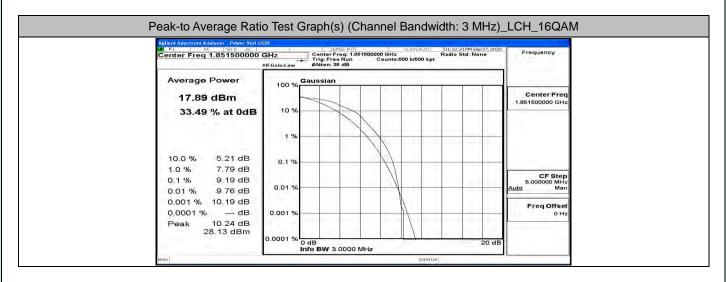


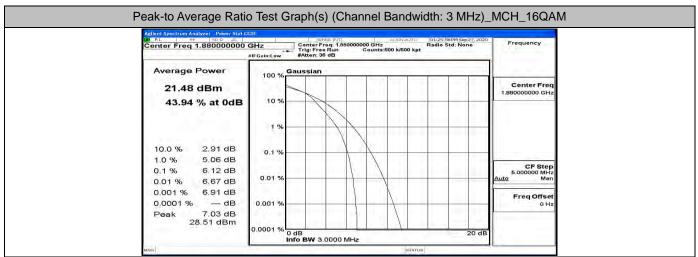


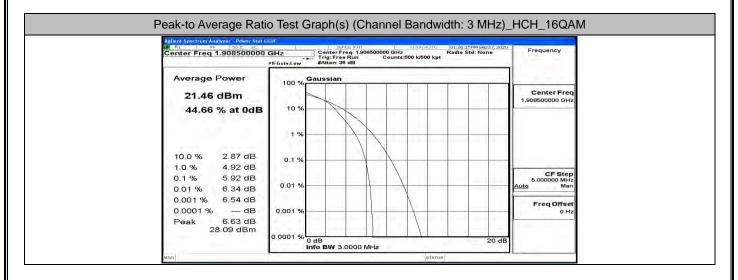


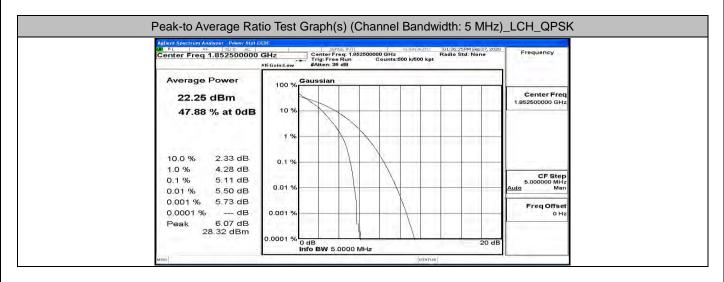


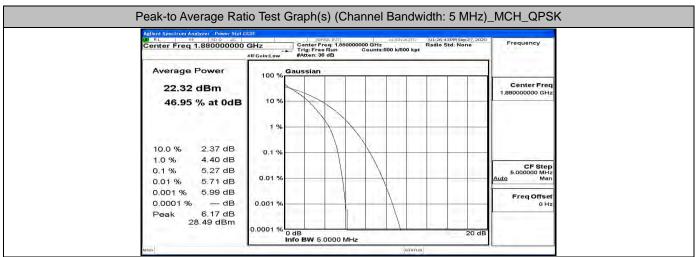


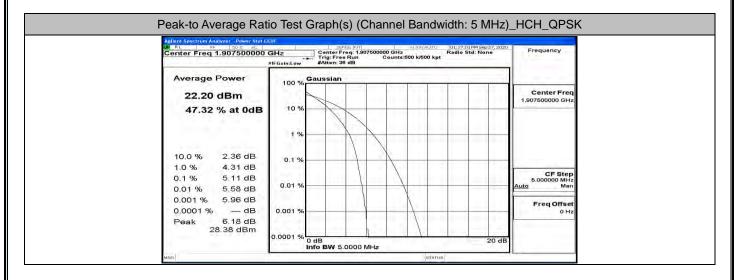


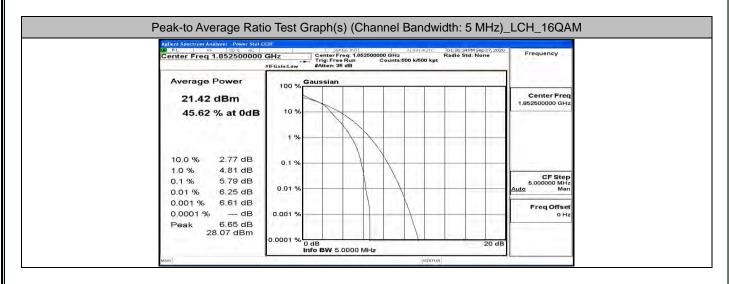


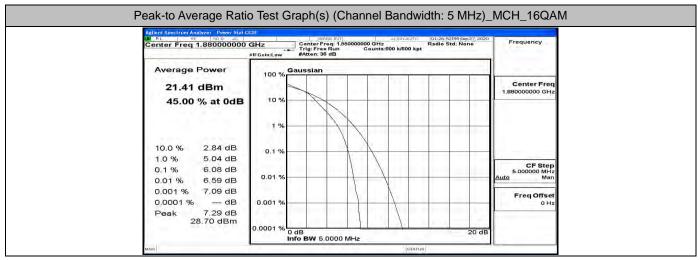


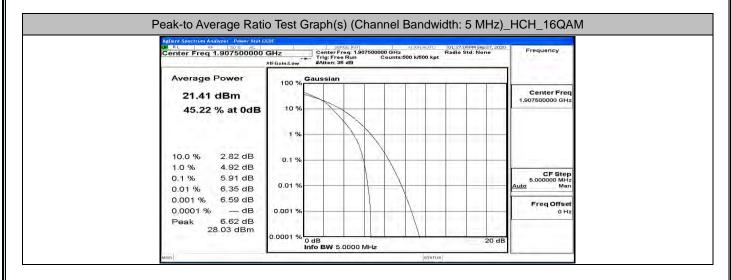




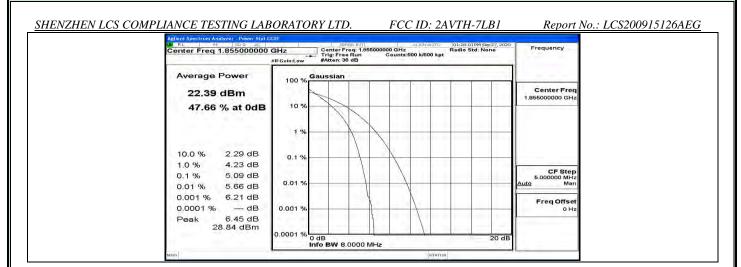


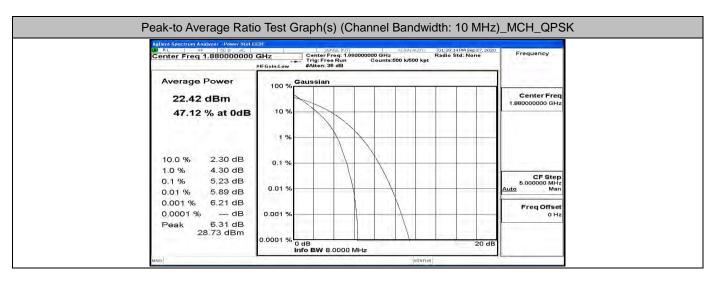


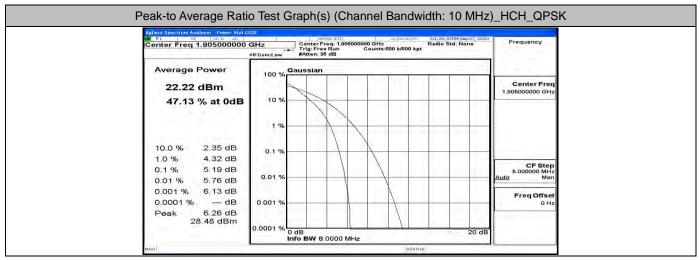




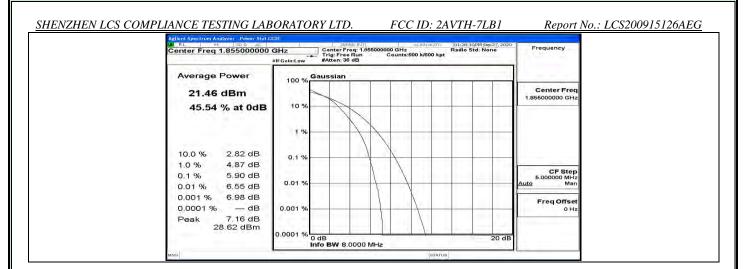
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK

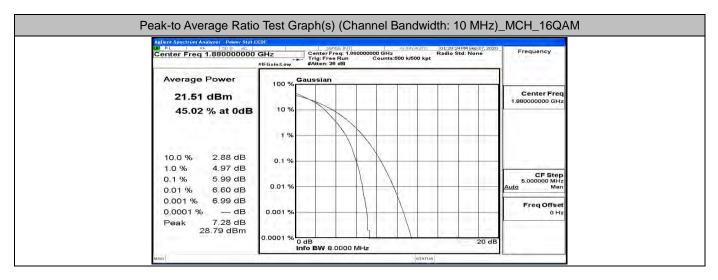


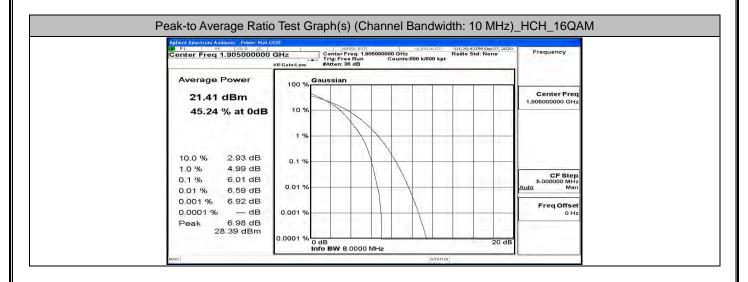




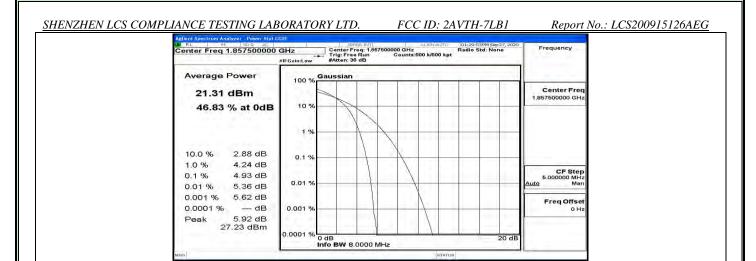
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM

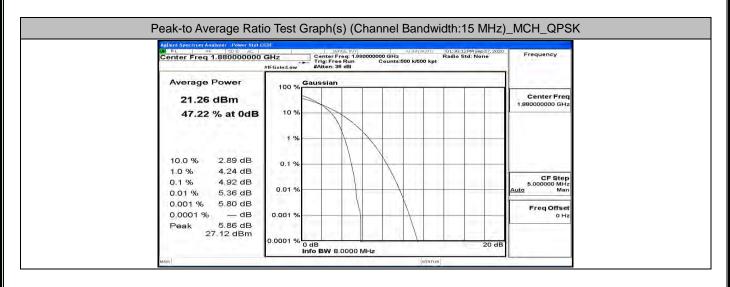


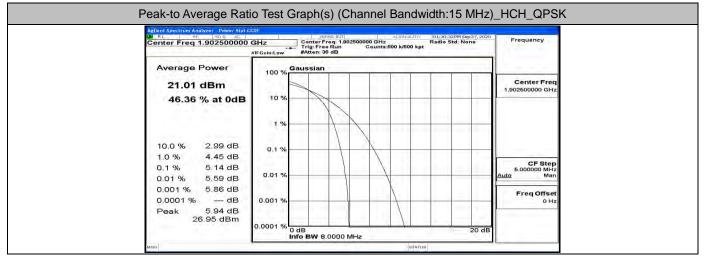


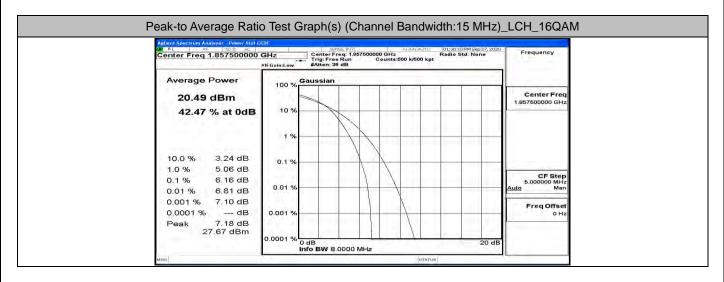


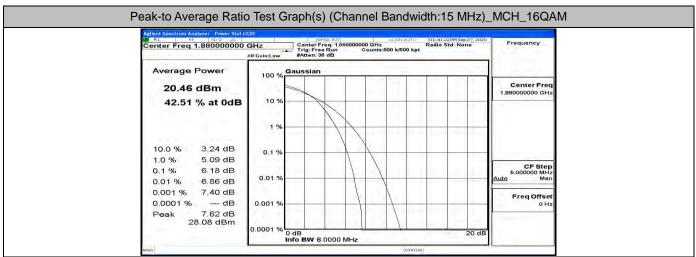
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_QPSK

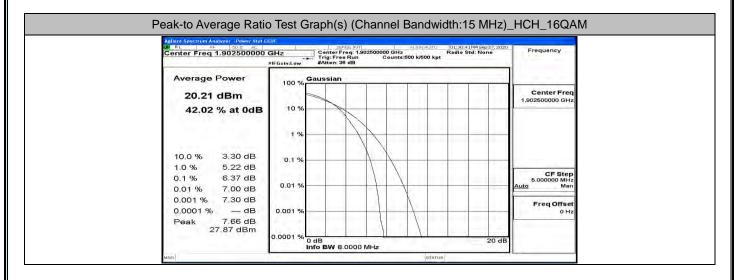


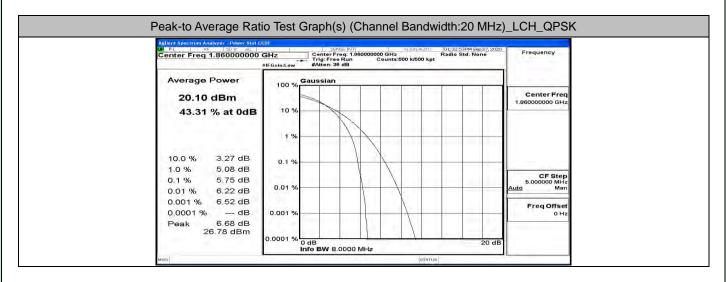


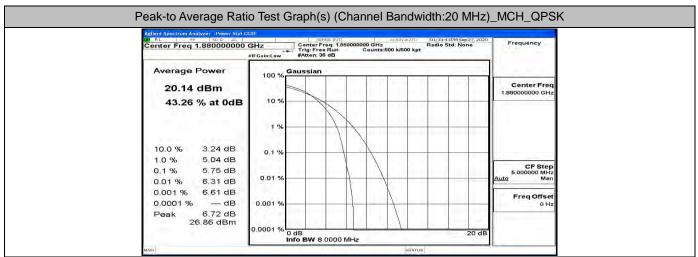


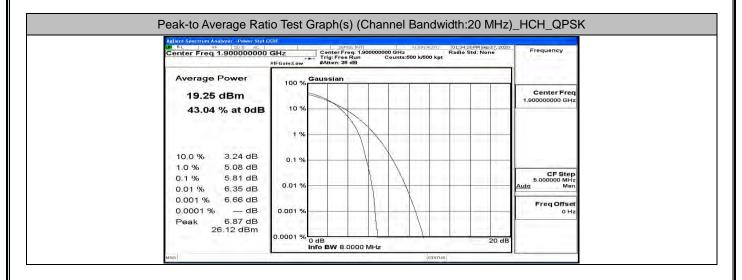


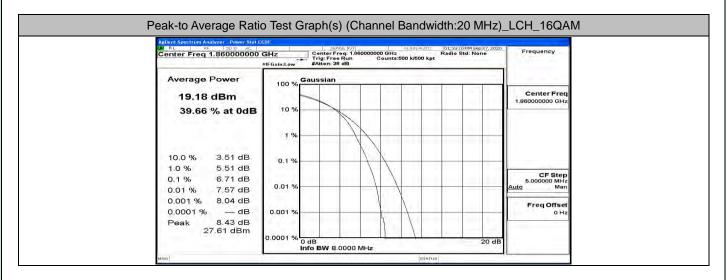


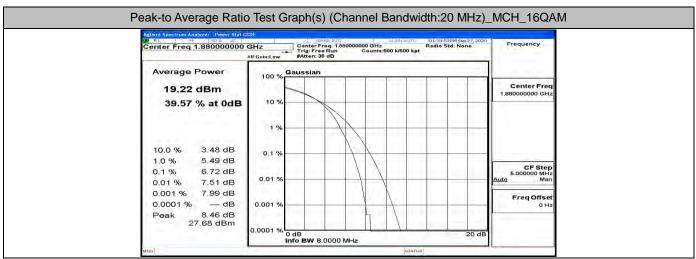


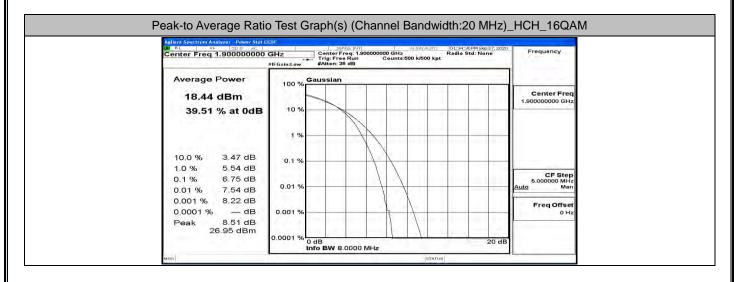












## D.3 26dB Bandwidth and Occupied Bandwidth

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
iviodulation		(MHz)	(MHz)		
QPSK	LCH	1.0759	1.220	PASS	
	MCH	1.0790	1.221	PASS	
	HCH	1.0785	1.236	PASS	
16QAM	LCH	1.0792	1.229	PASS	
	MCH	1.0772	1.231	PASS	
	HCH	1.0822	1.236	PASS	

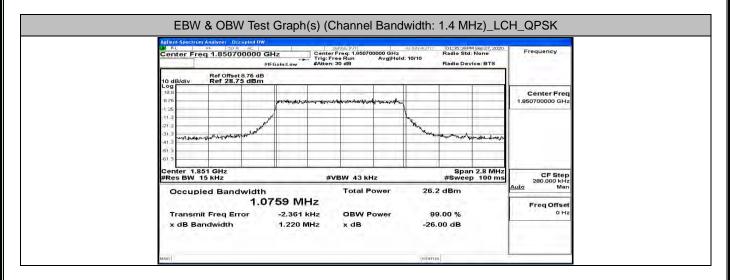
EBW & OBW Test Result (Channel Bandwidth: 3 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
Modulation	Chame	(MHz)	(MHz)	verdict	
QPSK	LCH	2.6864	2.898	PASS	
	MCH	2.6840	2.925	PASS	
	HCH	2.6795	2.865	PASS	
16QAM	LCH	2.6803	2.881	PASS	
	MCH	2.6865	2.901	PASS	
	HCH	2.6768	2.876	PASS	

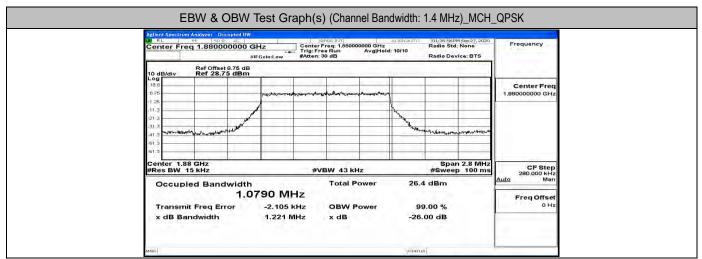
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
Modulation		(MHz)	(MHz)		
QPSK	LCH	4.4671	4.841	PASS	
	MCH	4.4733	4.800	PASS	
	HCH	4.4669	4.808	PASS	
16QAM	LCH	4.4796	4.822	PASS	
	MCH	4.4738	4.790	PASS	
	HCH	4.4636	4.771	PASS	

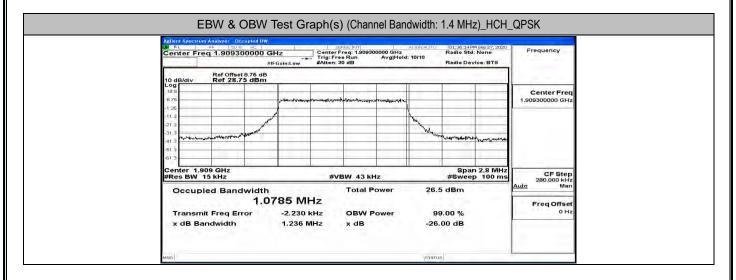
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
Modulation		(MHz)	(MHz)		
QPSK	LCH	8.9311	9.424	PASS	
	MCH	8.9101	9.434	PASS	
	HCH	8.9005	9.382	PASS	
16QAM	LCH	8.9108	9.409	PASS	
	MCH	8.9341	9.426	PASS	
	HCH	8.8953	9.402	PASS	

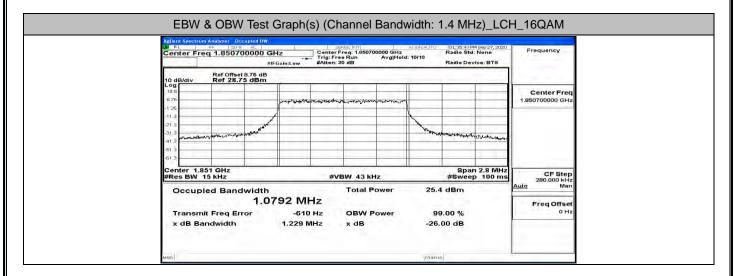
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
Wodulation		(MHz)	(MHz)		
	LCH	13.368	14.08	PASS	
QPSK	MCH	13.375	13.98	PASS	
	HCH	13.402	13.97	PASS	
16QAM	LCH	13.371	14.01	PASS	
	MCH	13.363	14.05	PASS	
	HCH	13.377	13.99	PASS	

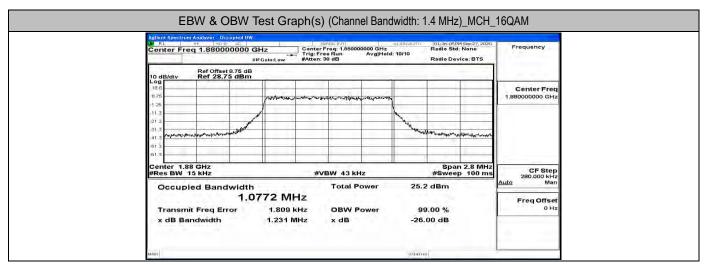
EBW & OBW Test Result (Channel Bandwidth: 20 MHz)					
Manhalatina	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
Modulation		(MHz)	(MHz)		
	LCH	17.809	40.00	PASS	
QPSK	MCH	17.810	40.00	PASS	
	HCH	17.892	18.61	PASS	
16QAM	LCH	17.805	18.57	PASS	
	MCH	17.808	18.60	PASS	
	HCH	17.869	18.64	PASS	

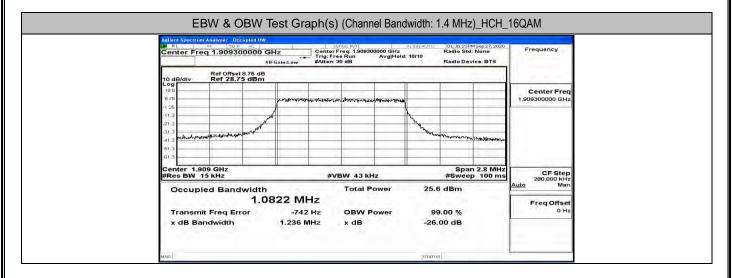


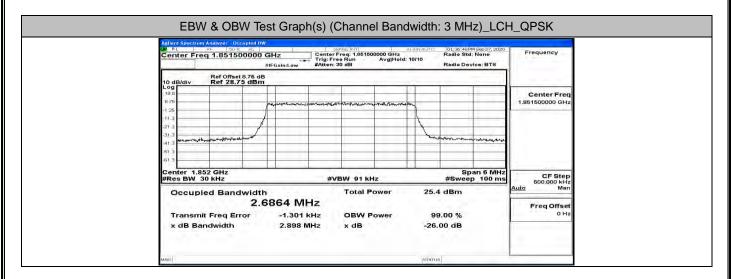


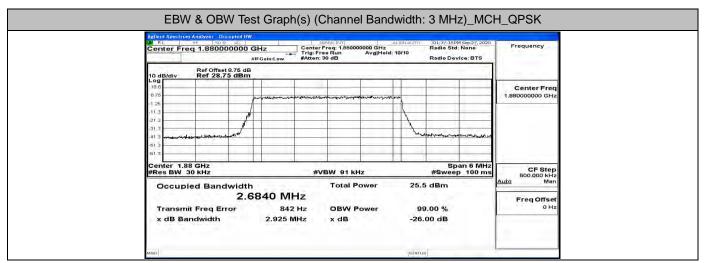


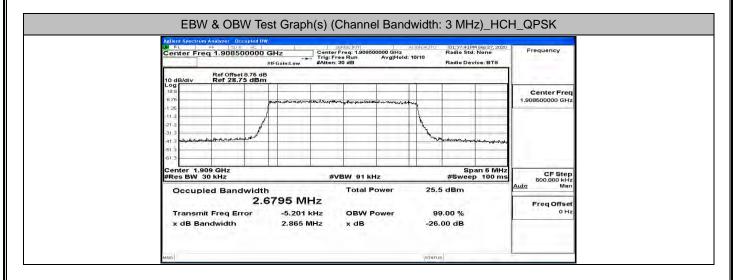


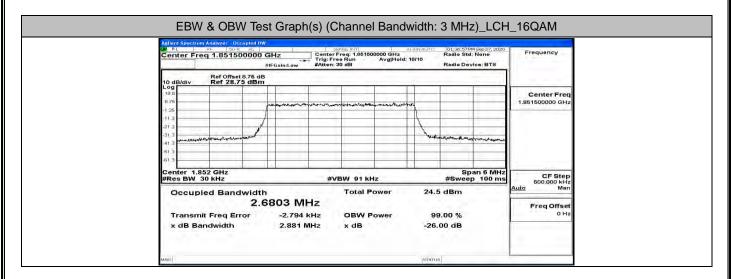


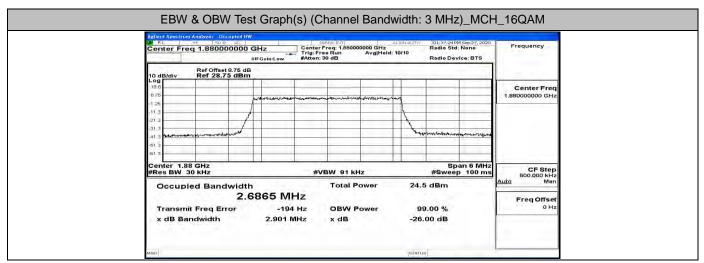


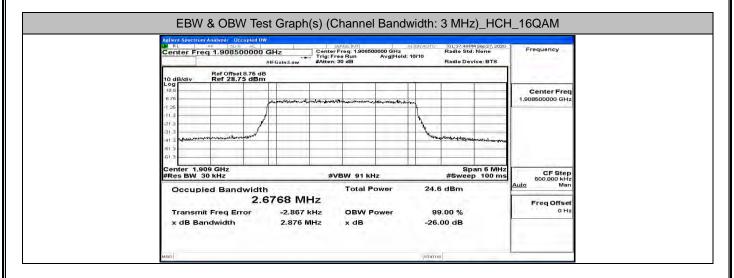


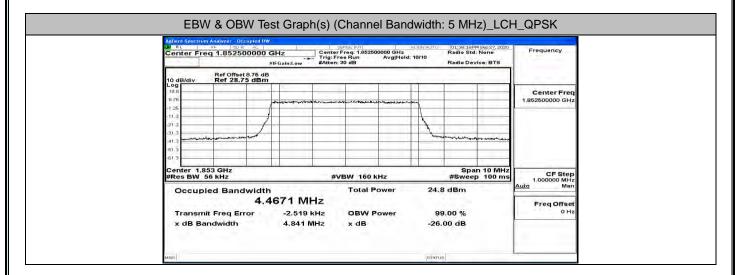


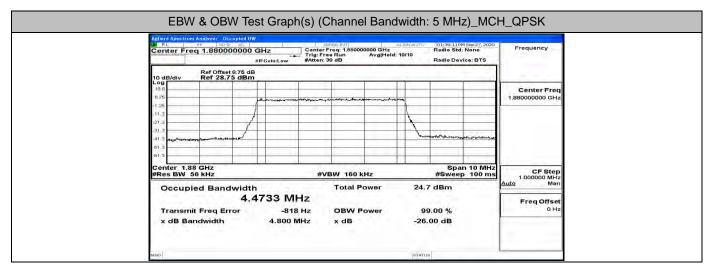


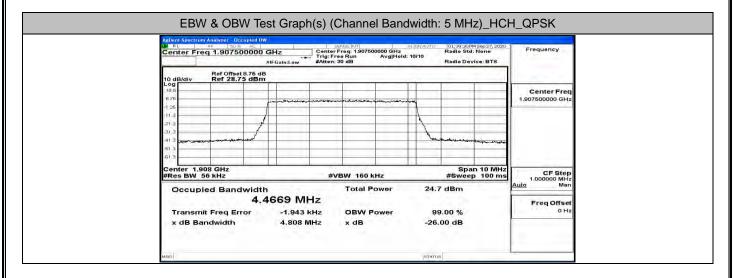


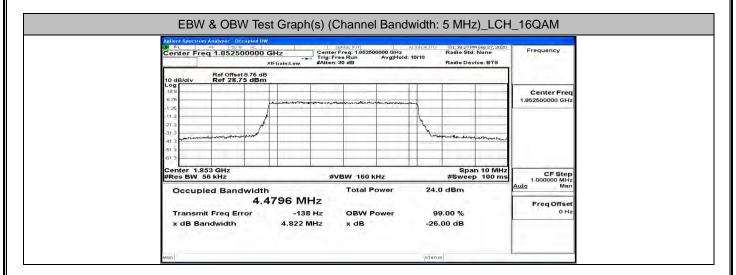


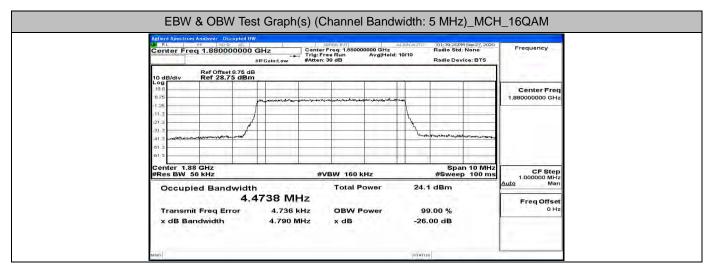


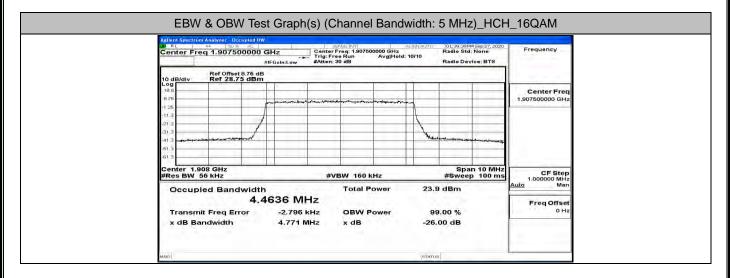


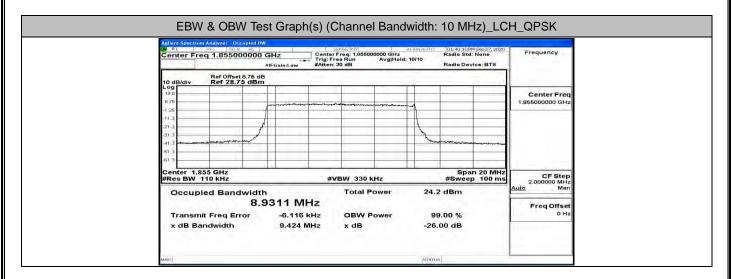


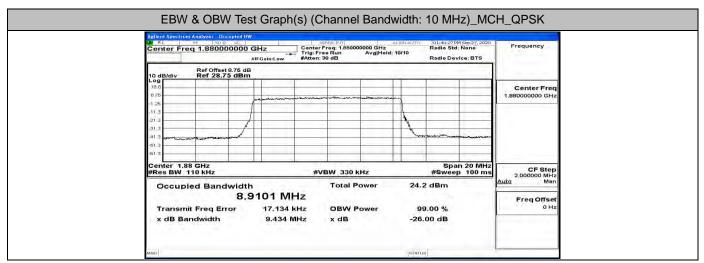


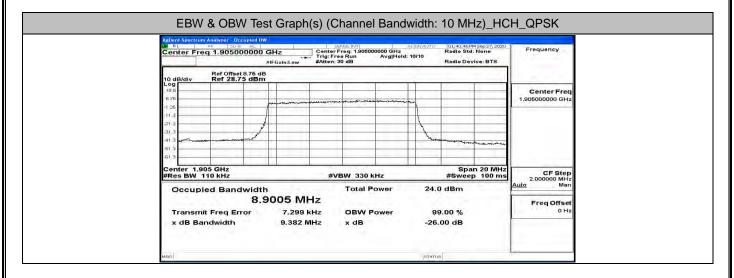


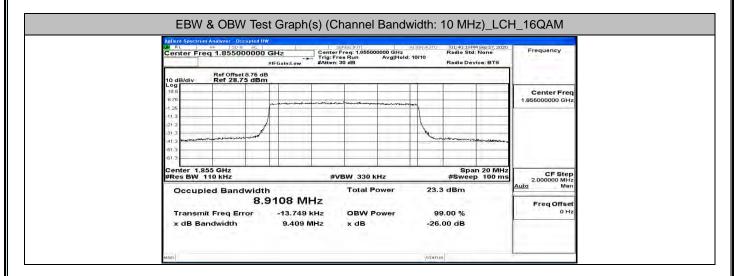


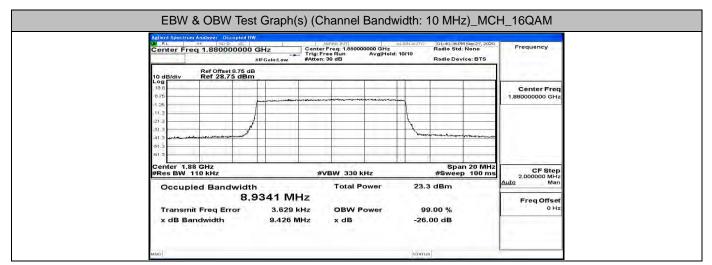


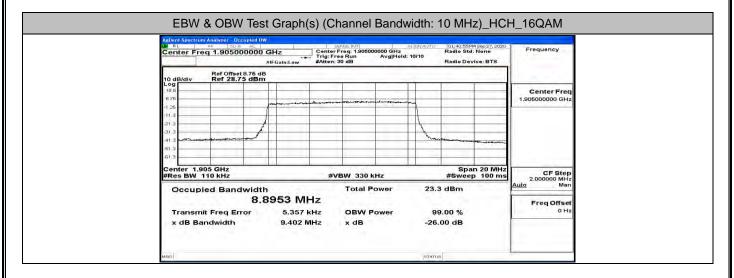


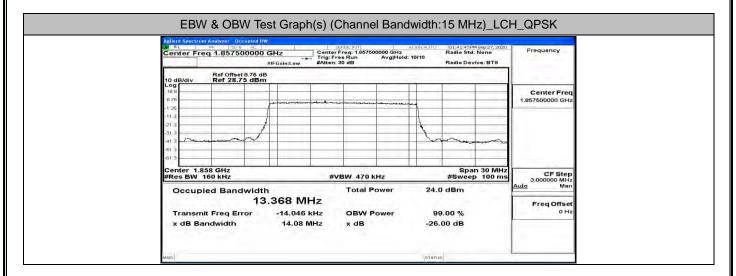


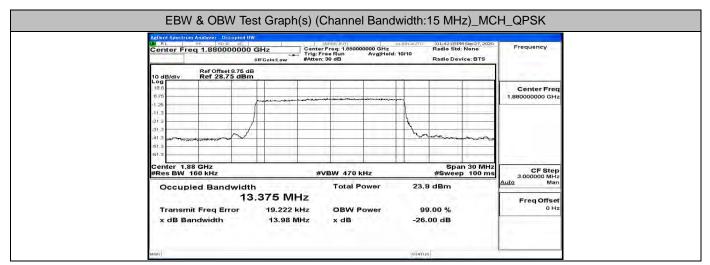


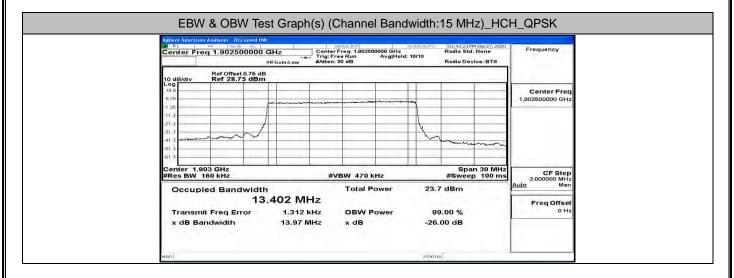


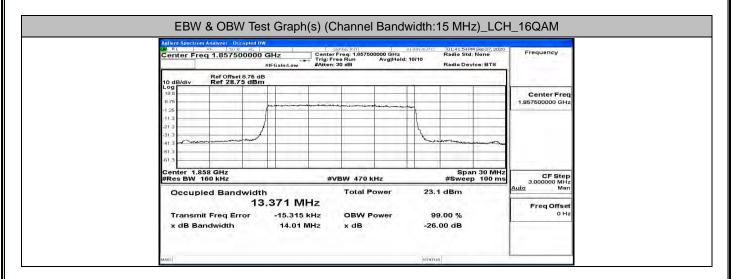


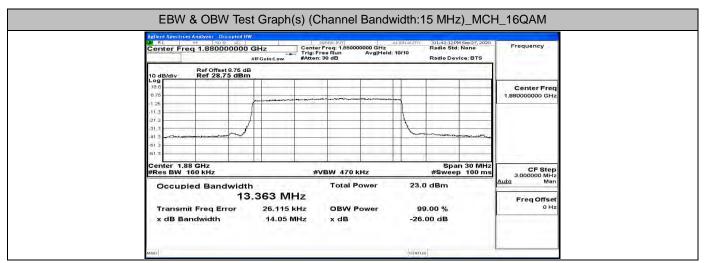


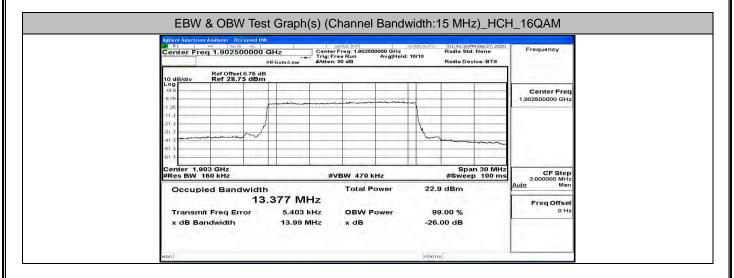


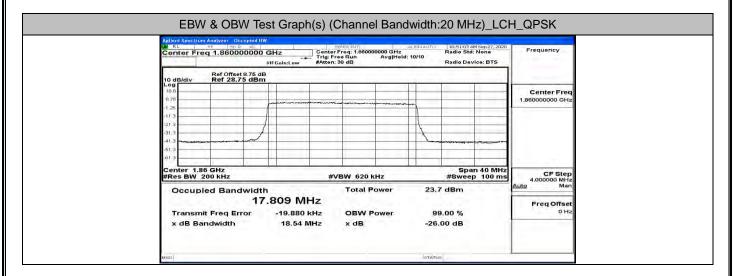


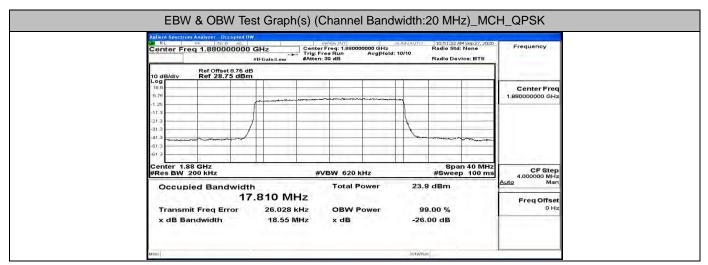


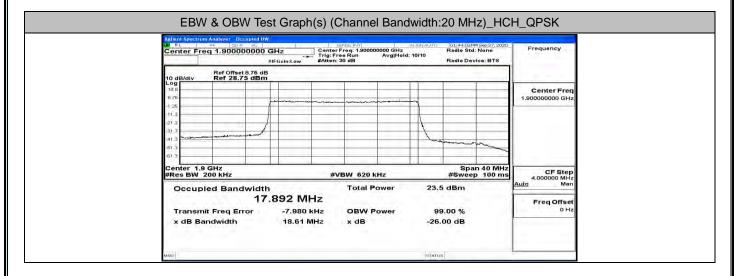


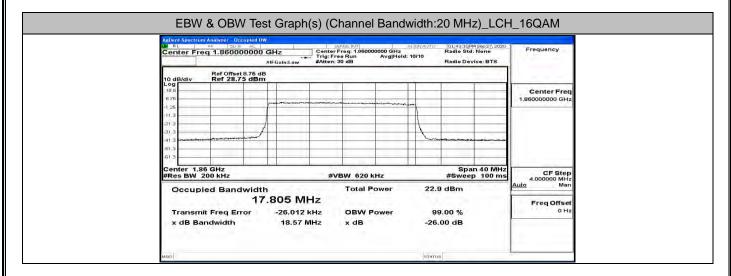


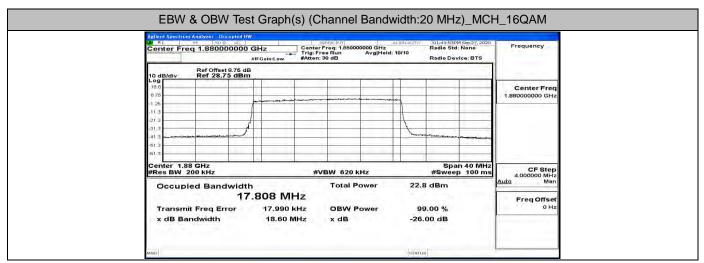


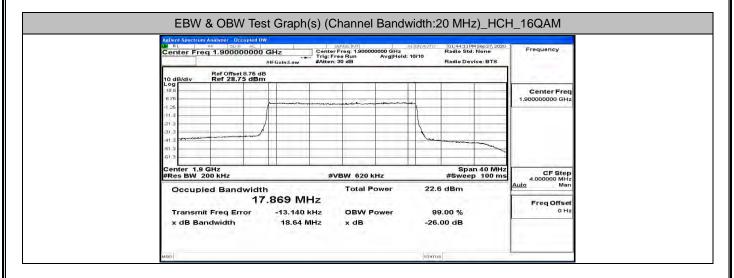




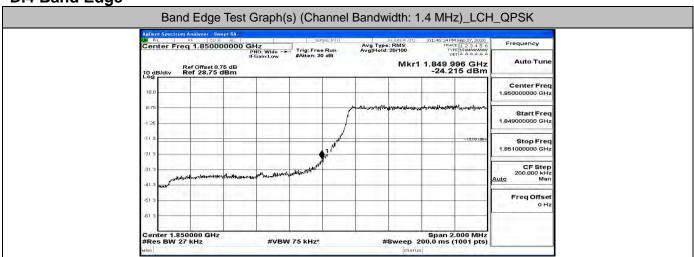


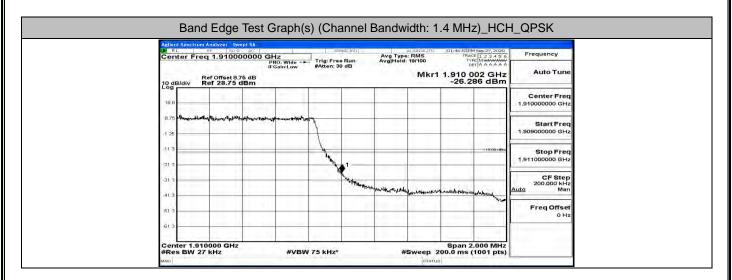


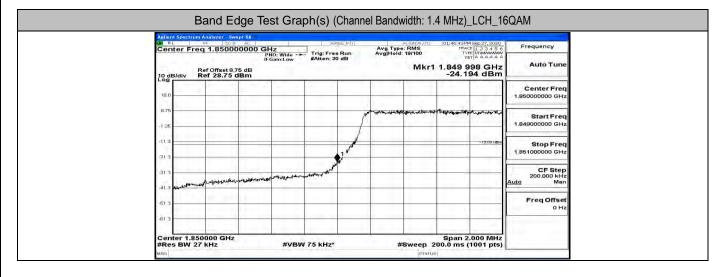


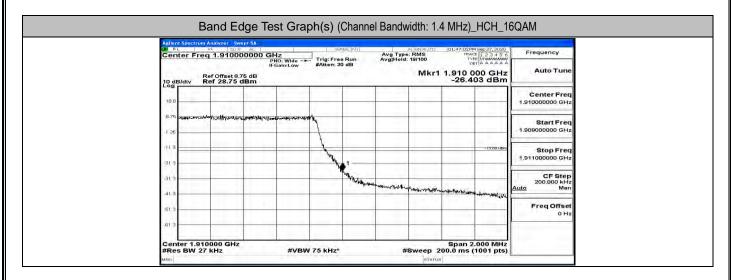


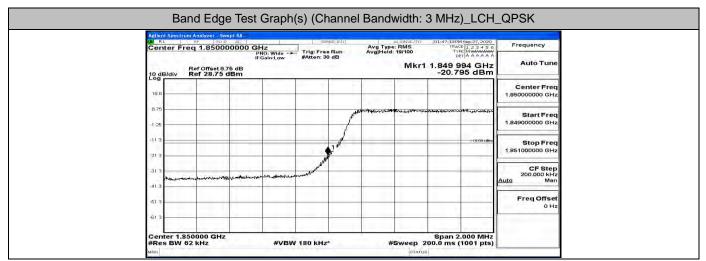
**D.4 Band Edge** 

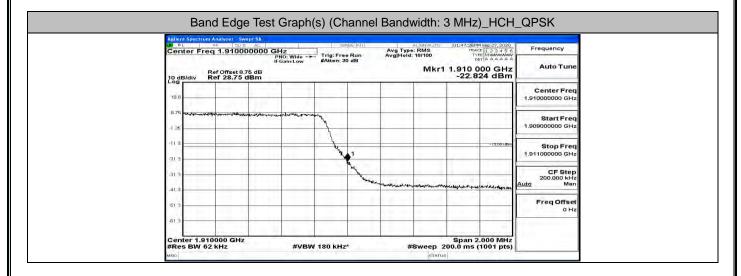


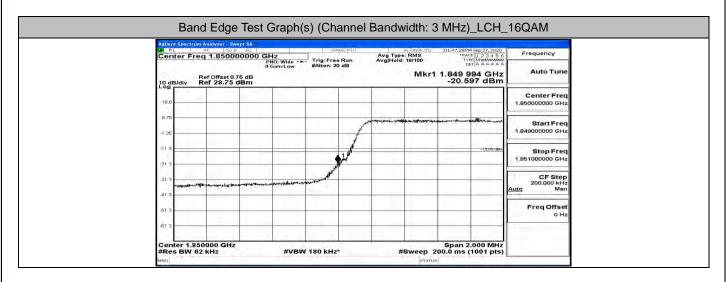


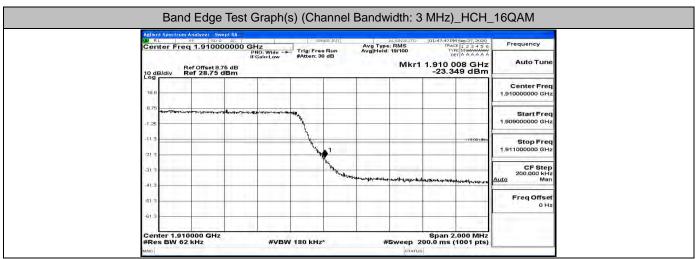


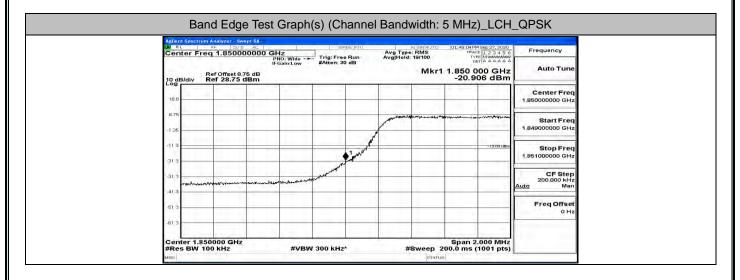


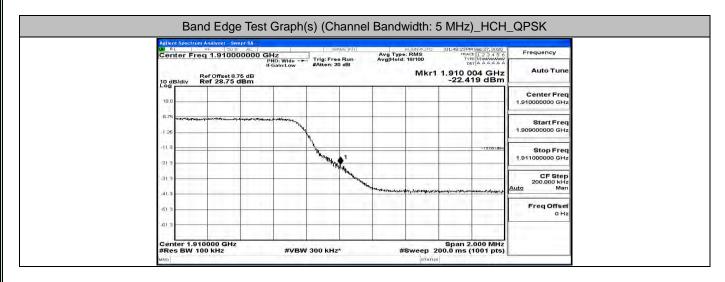


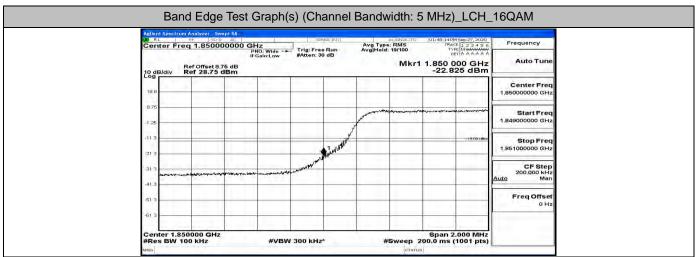


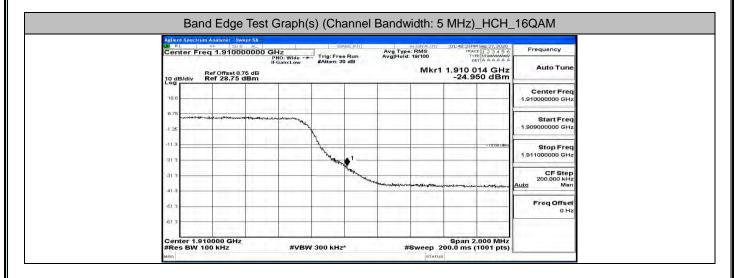




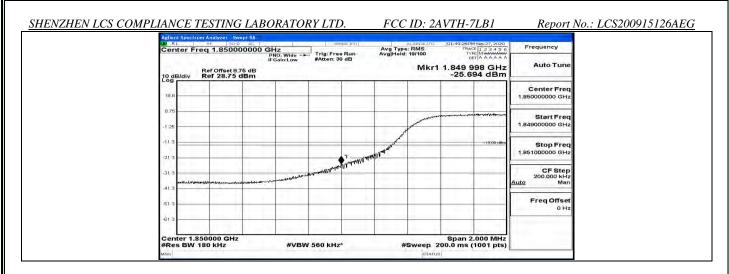


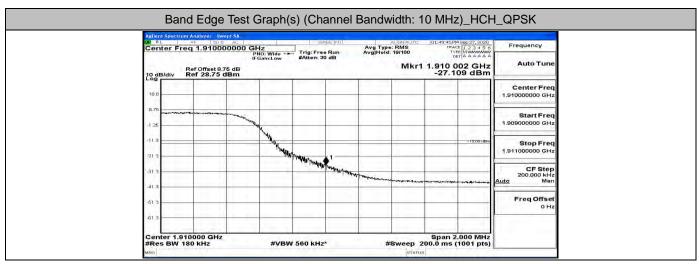


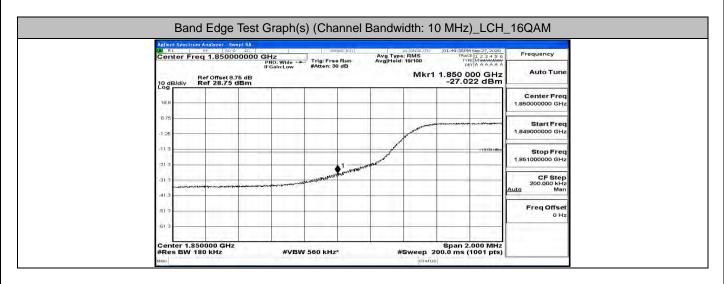




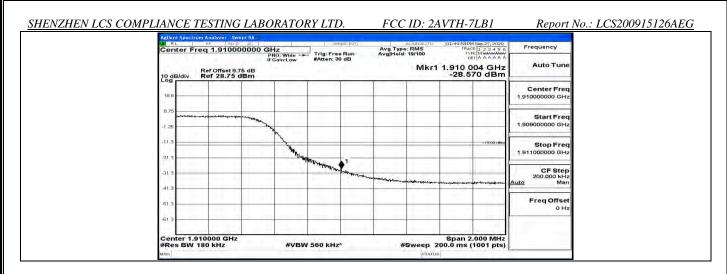
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK

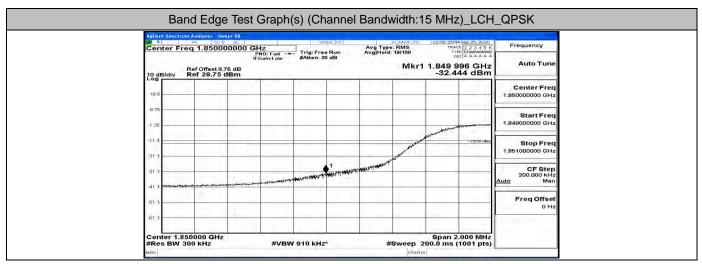


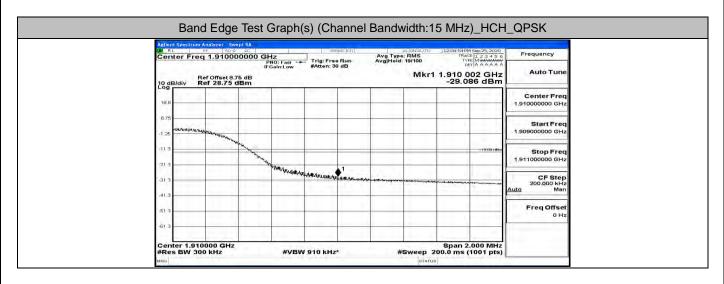




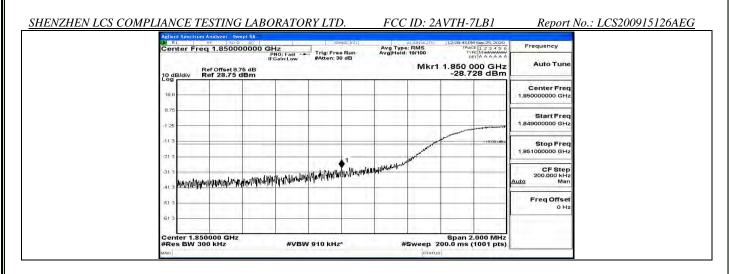
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

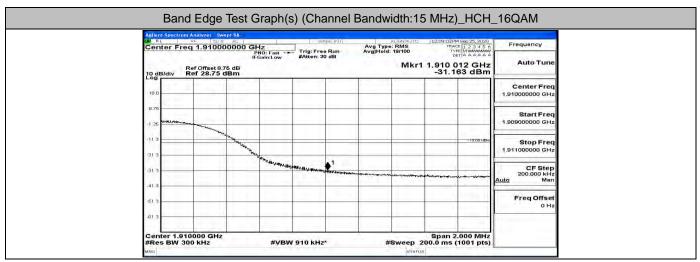


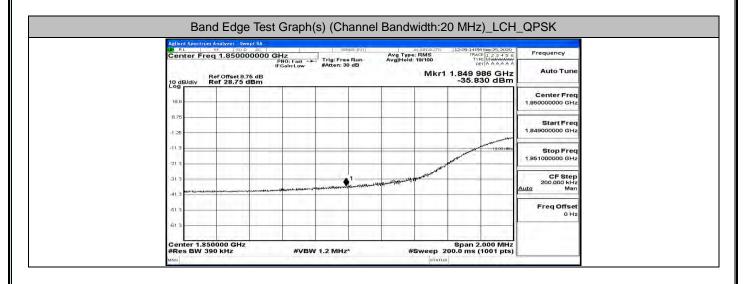




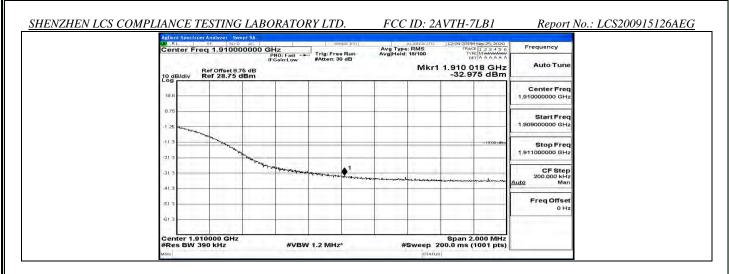
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)\_LCH\_16QAM

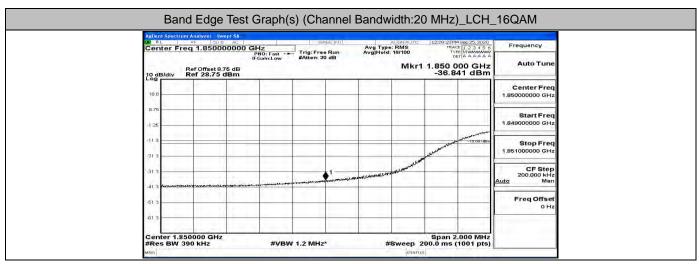


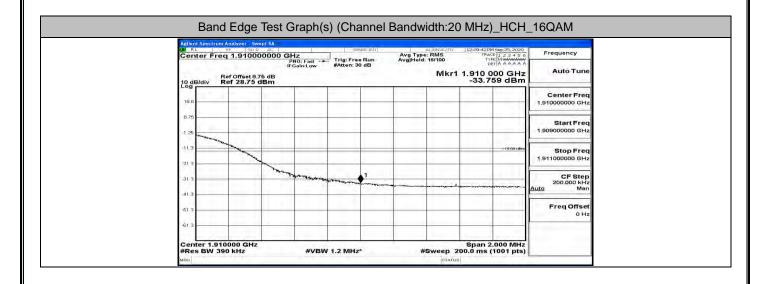




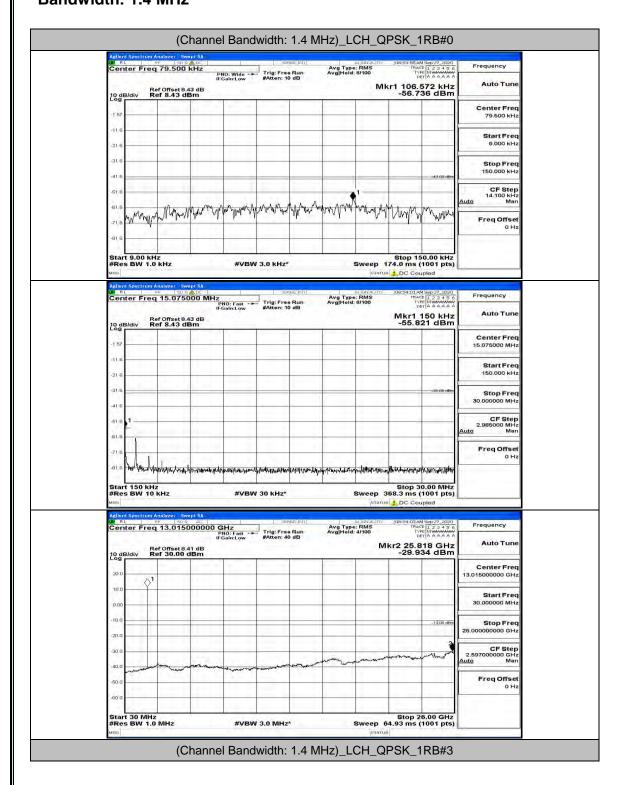
Band Edge Test Graph(s) (Channel Bandwidth: 20 MHz)\_HCH\_QPSK

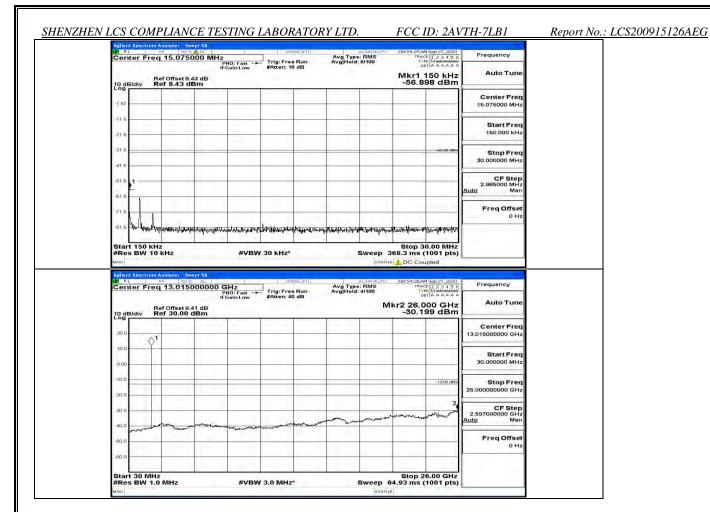


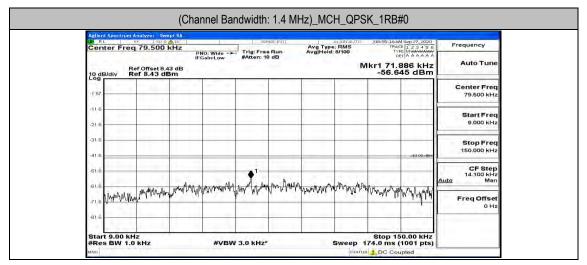


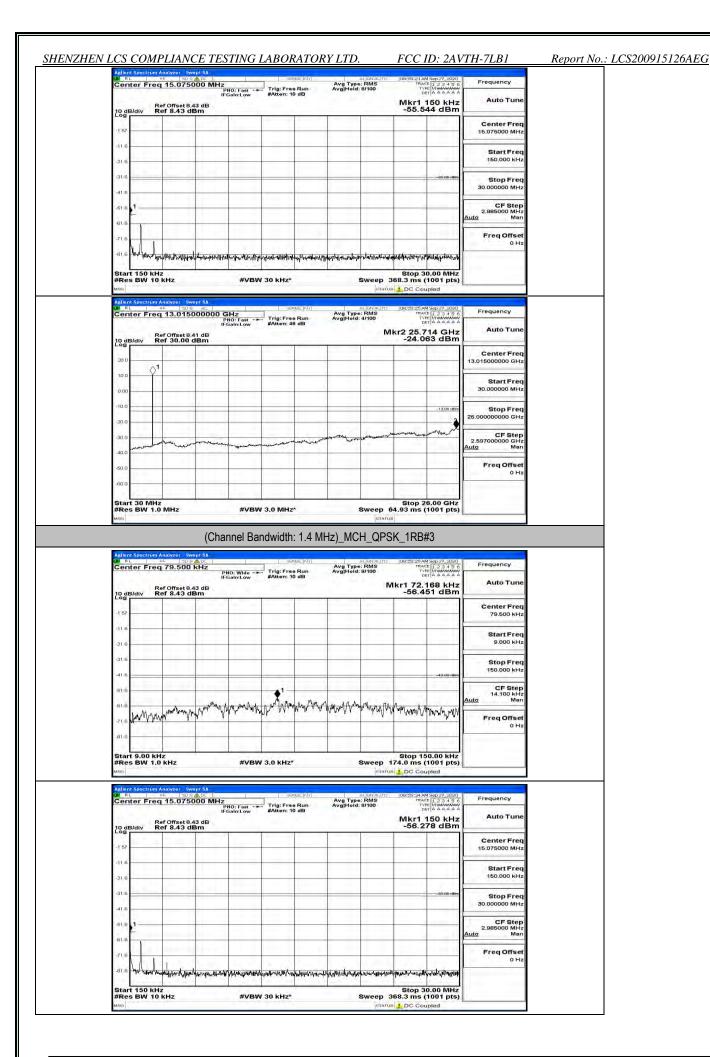


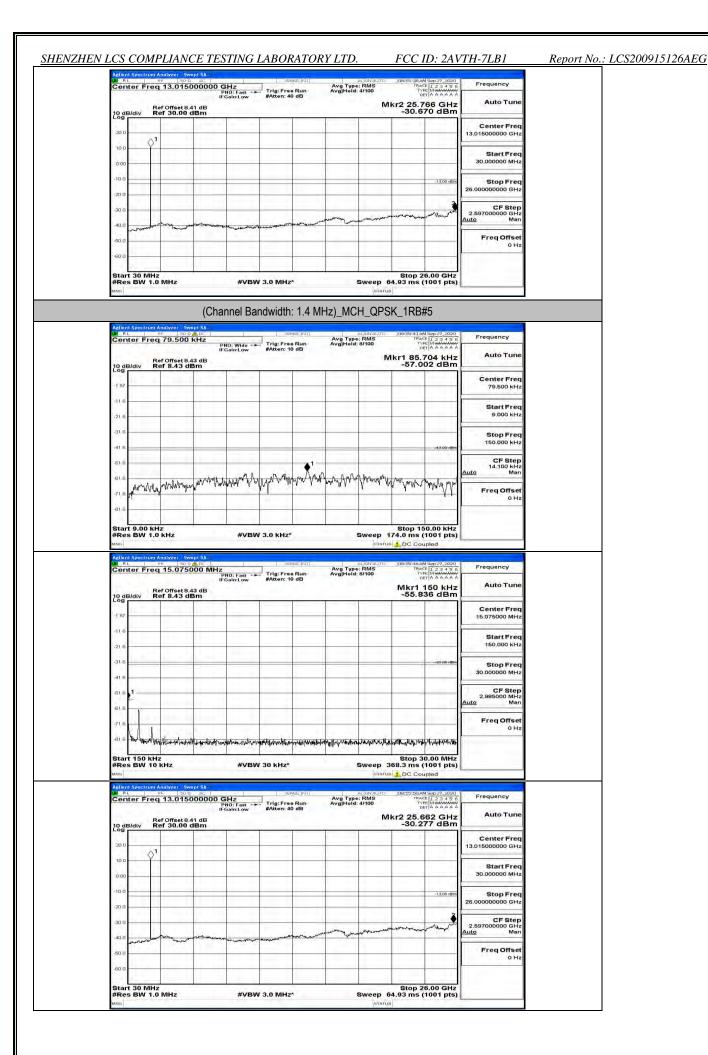
## D.5 Conducted Spurious EmissionChannel Bandwidth: 1.4 MHz

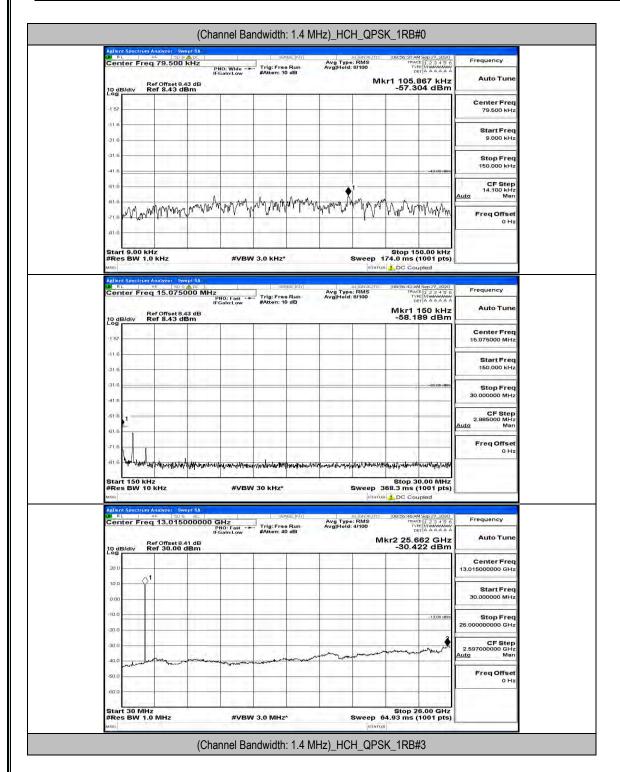


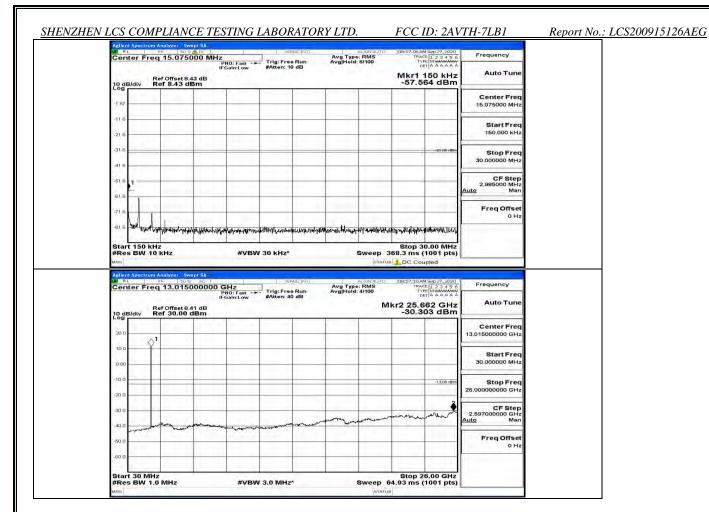


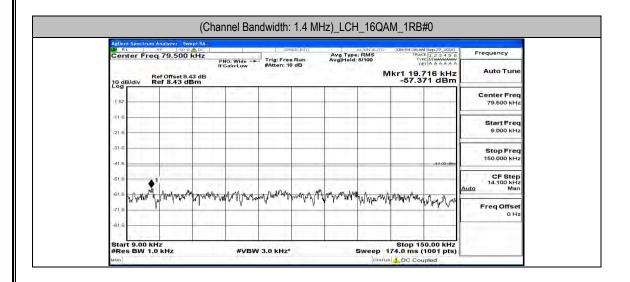


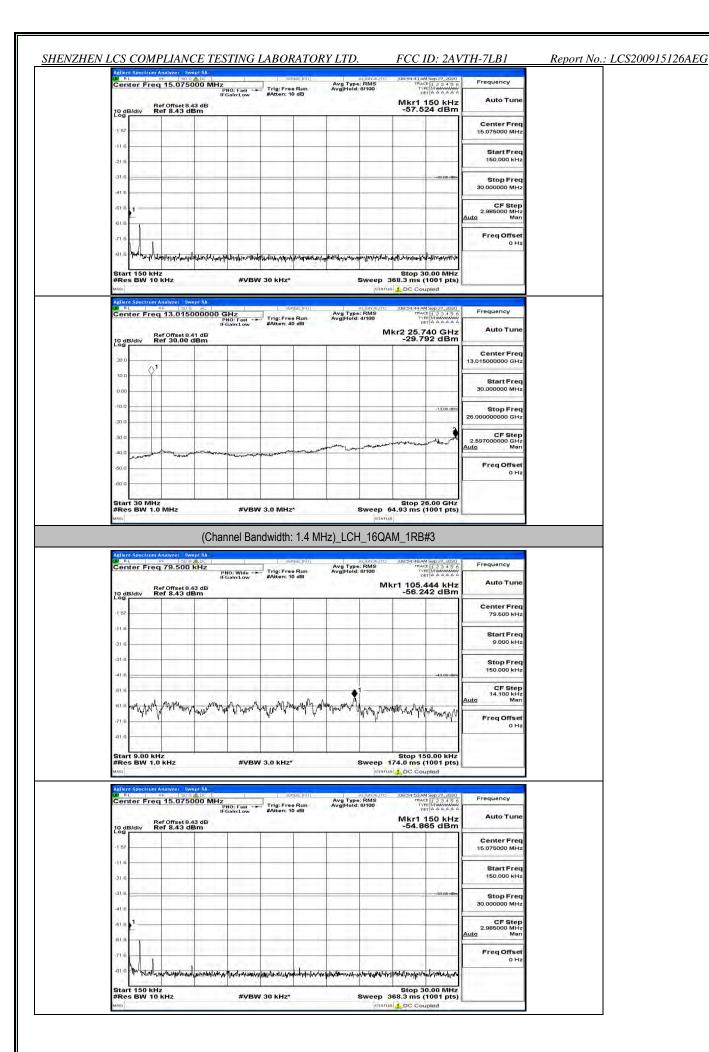


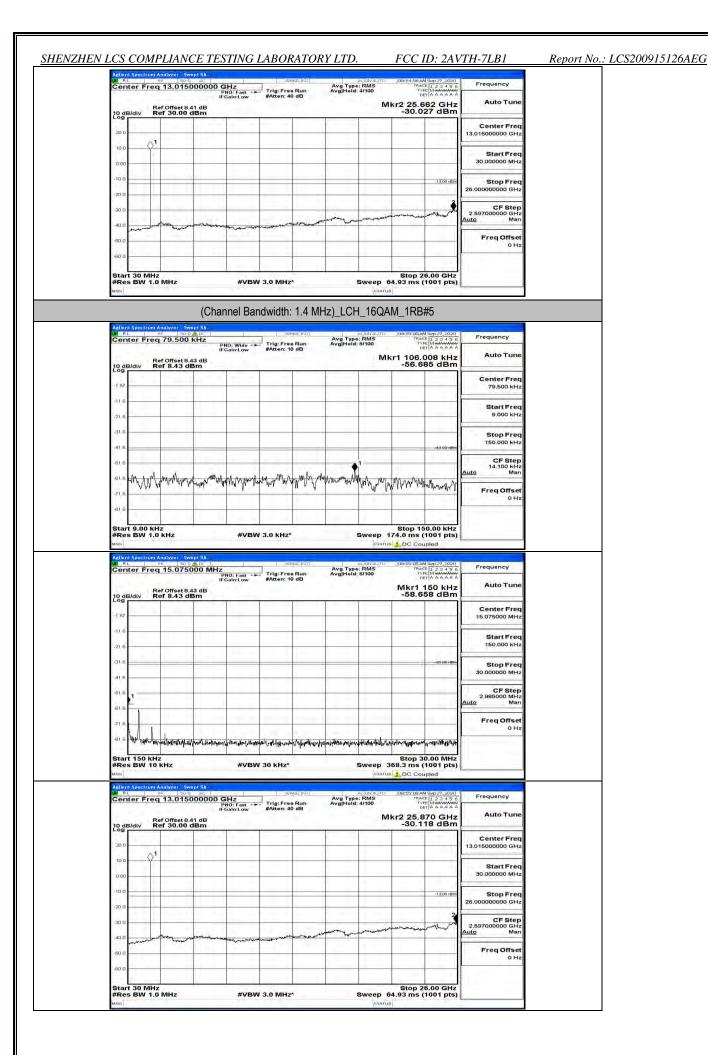


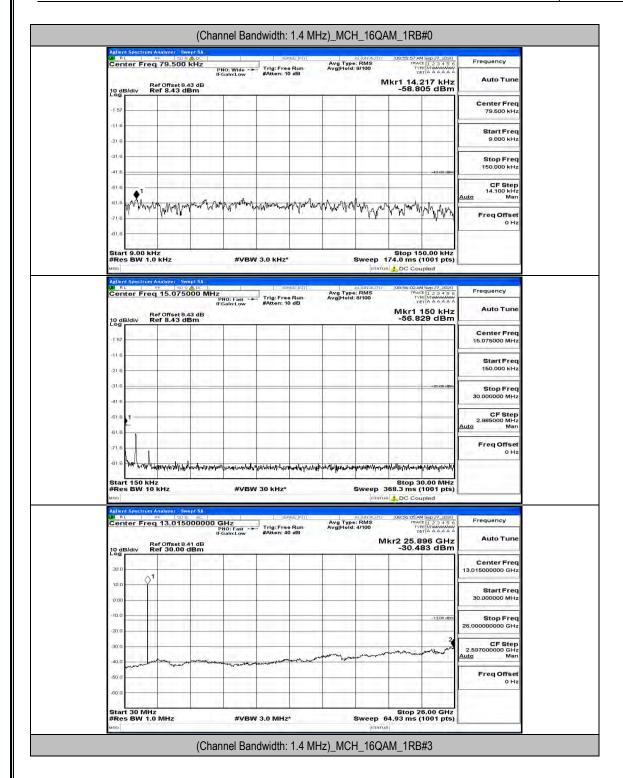


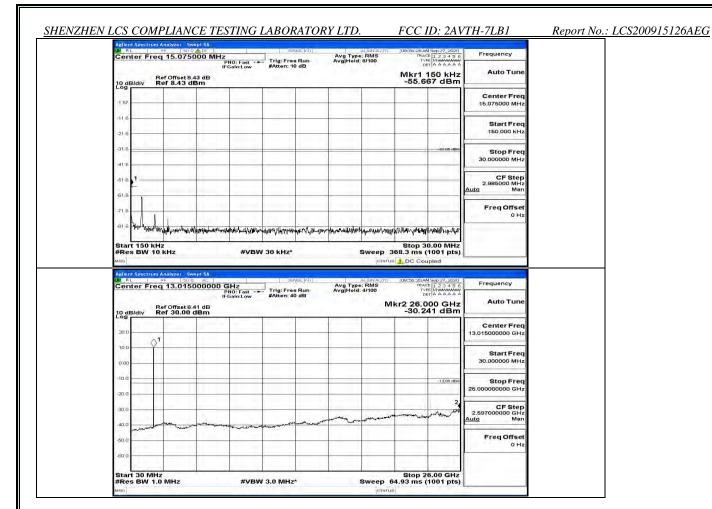


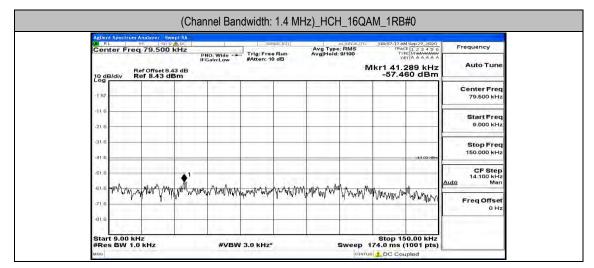


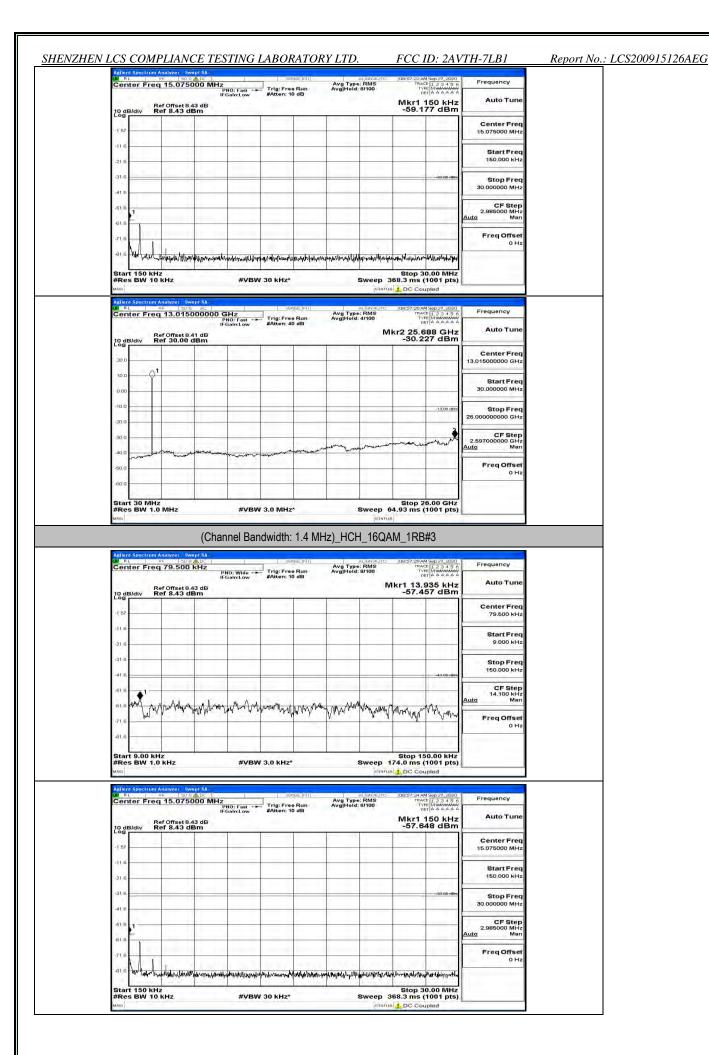


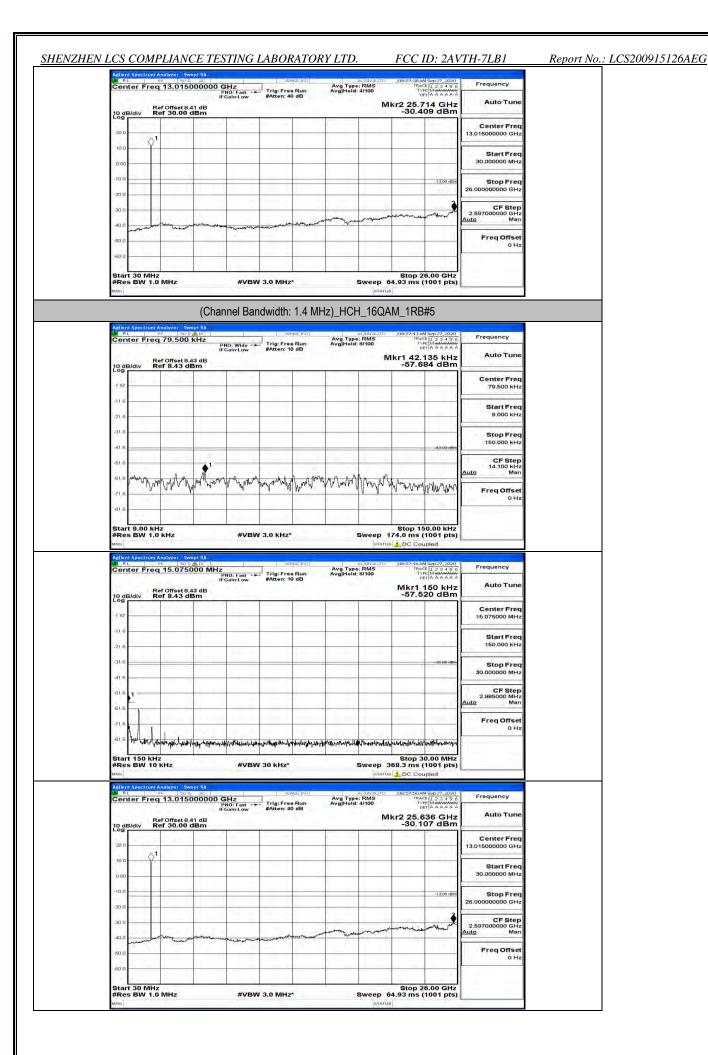




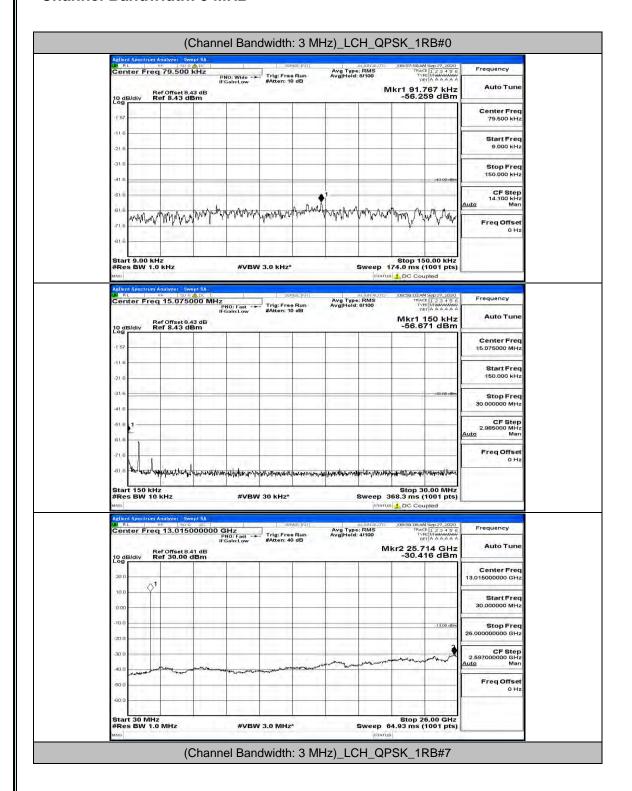


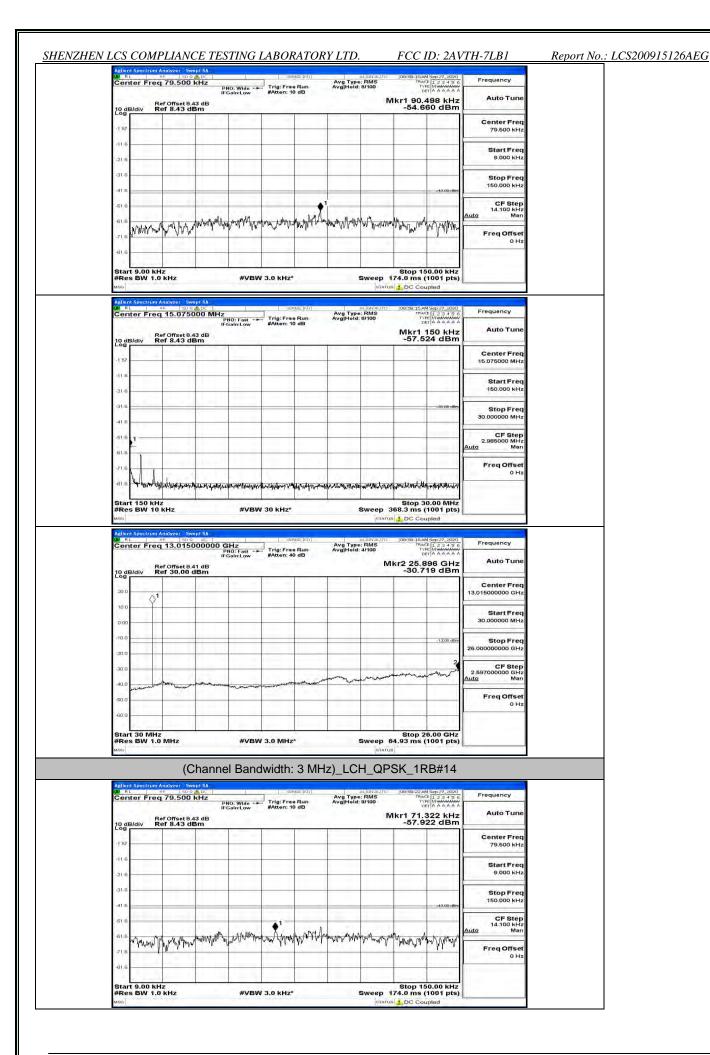


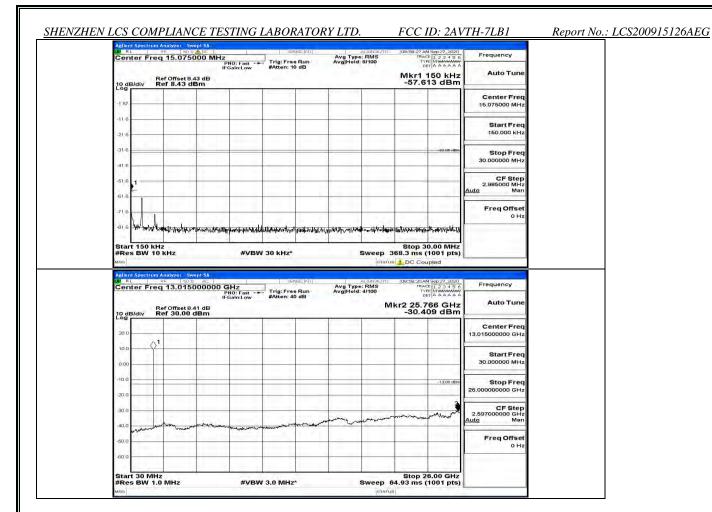


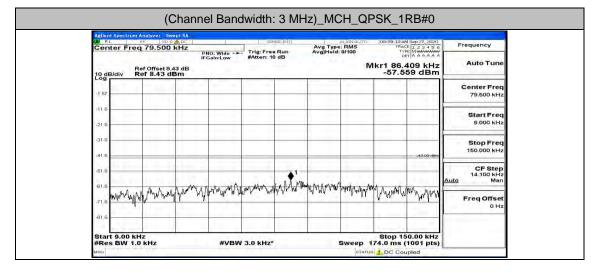


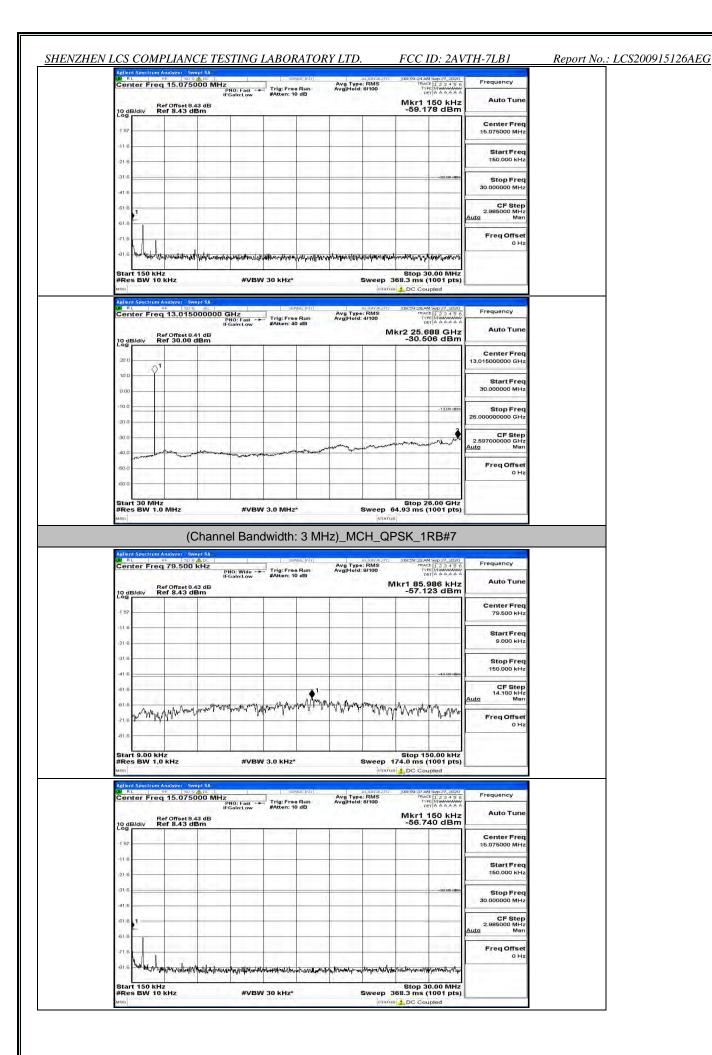
## **Channel Bandwidth: 3 MHz**

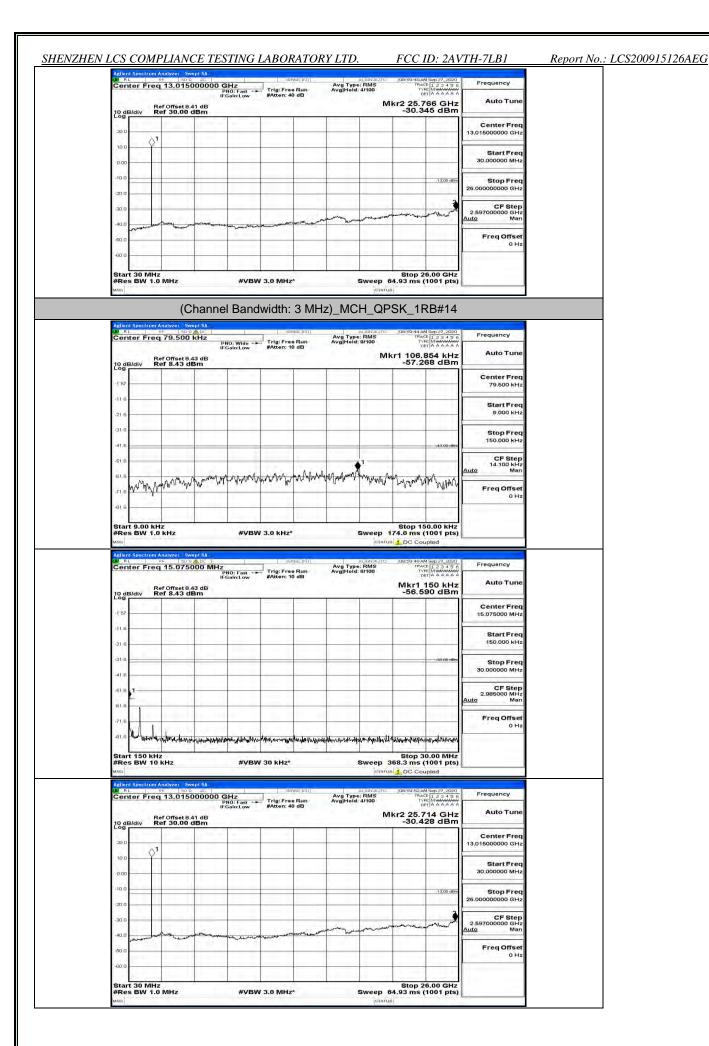


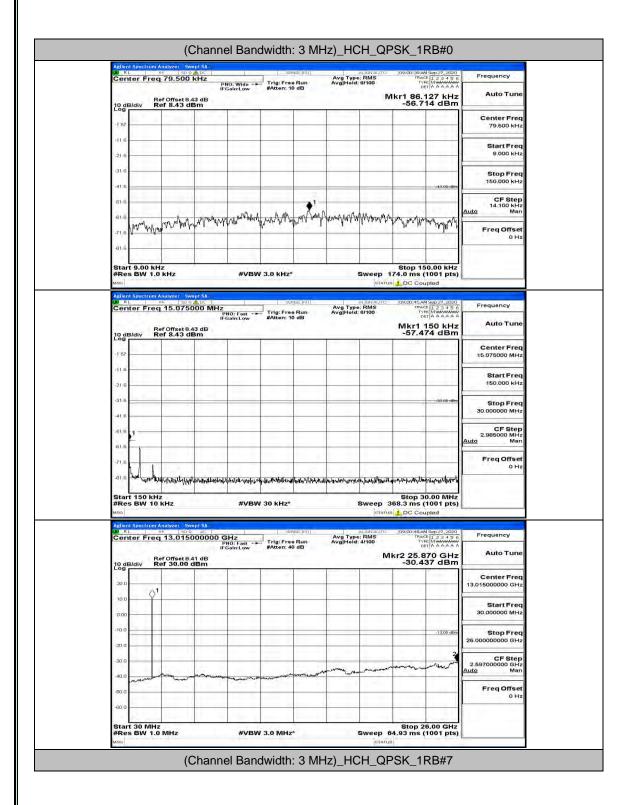


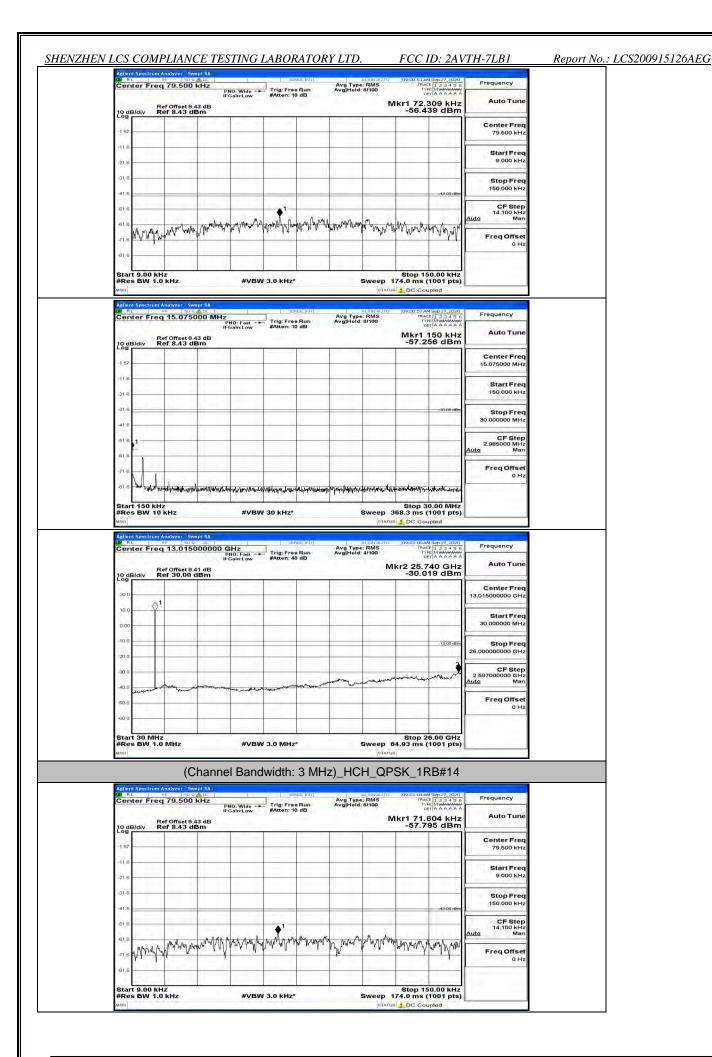


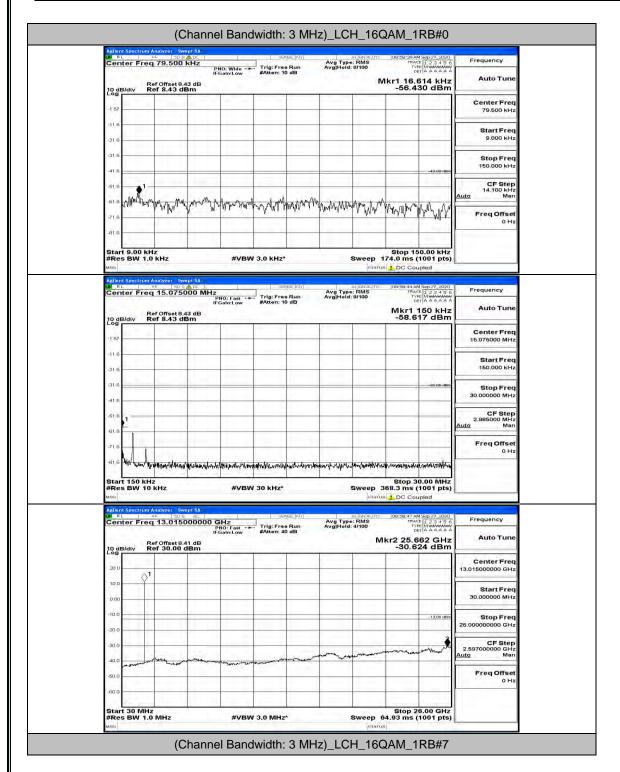


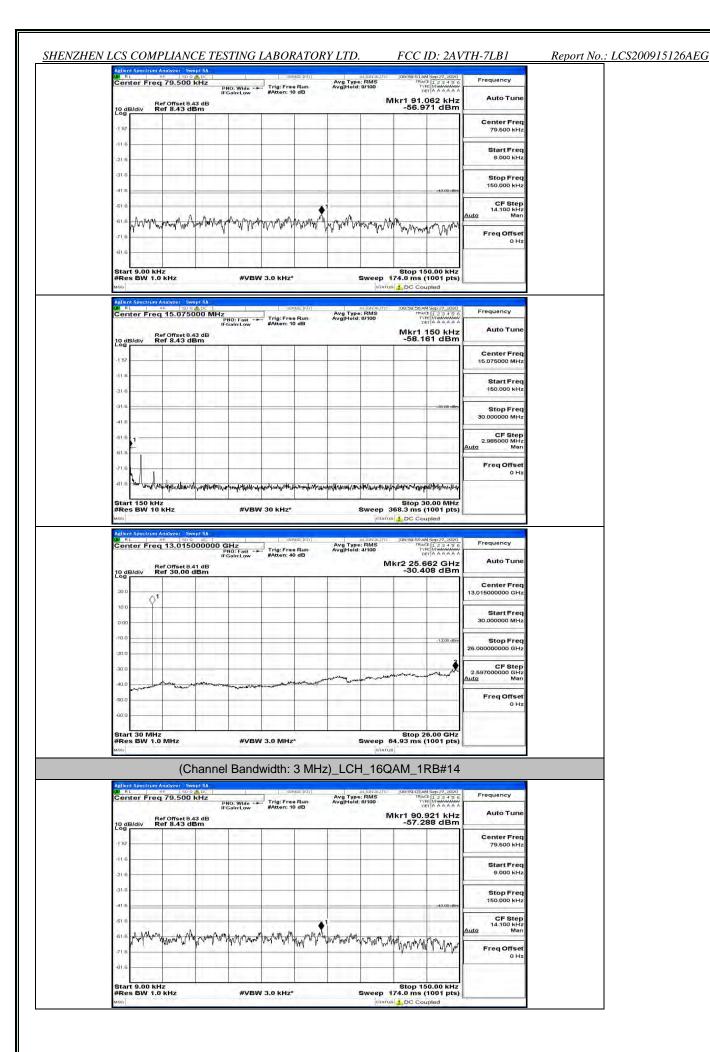


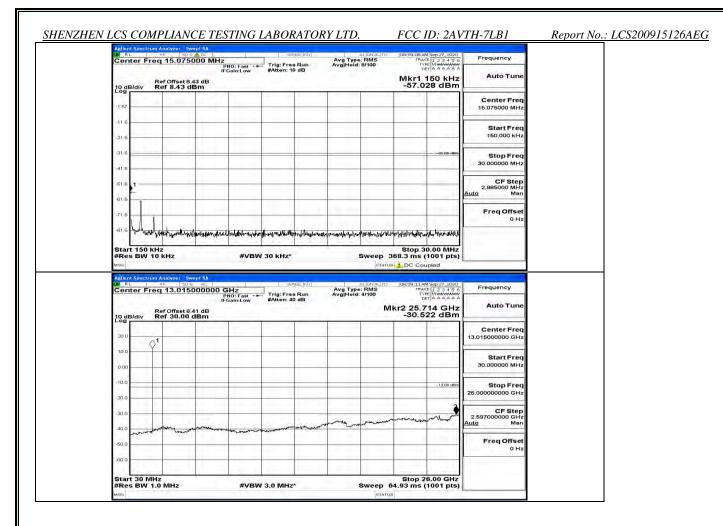


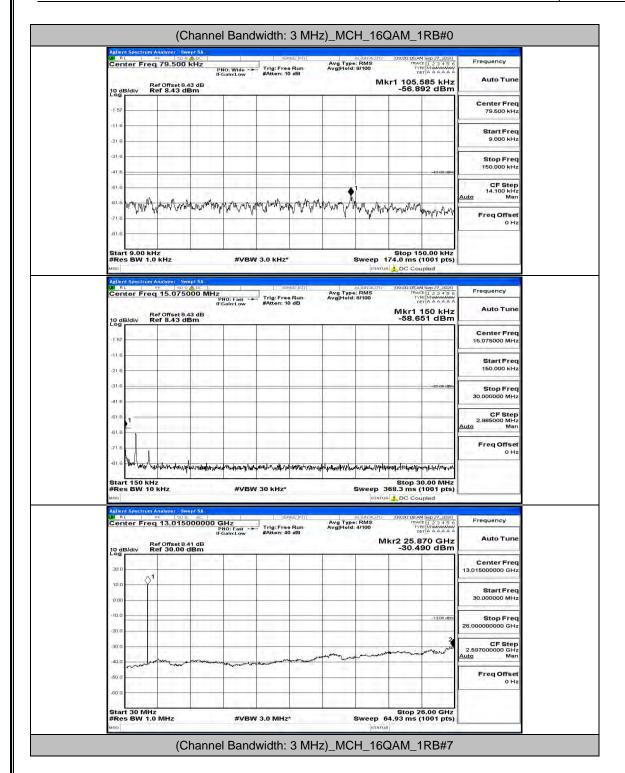


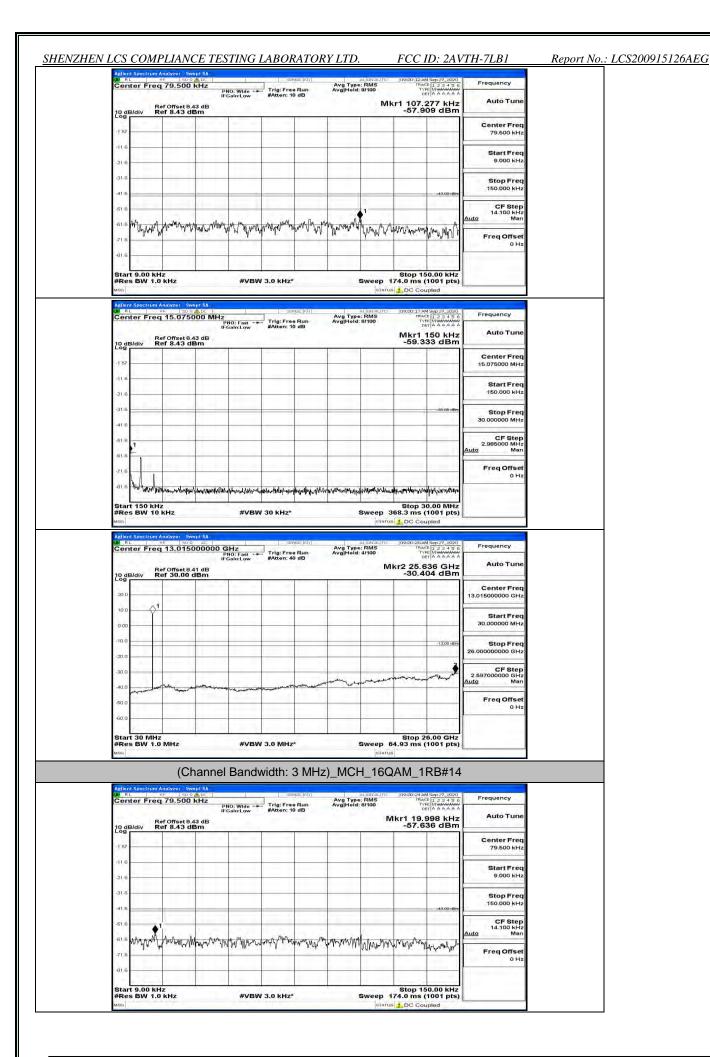


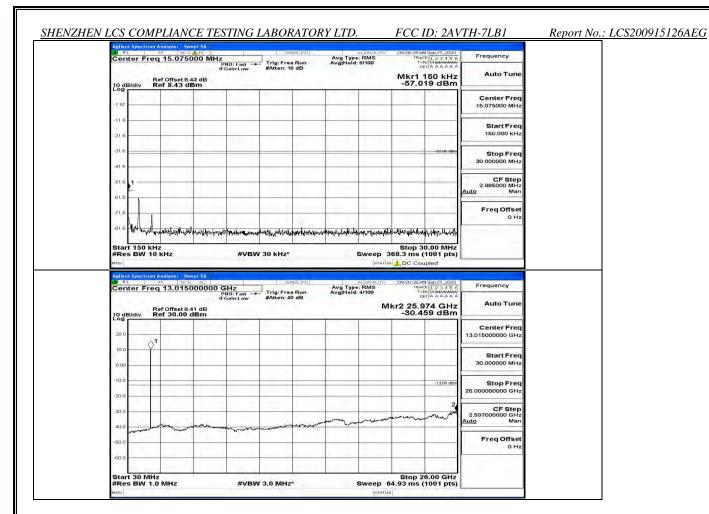


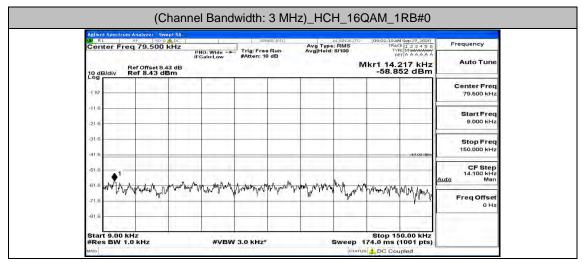


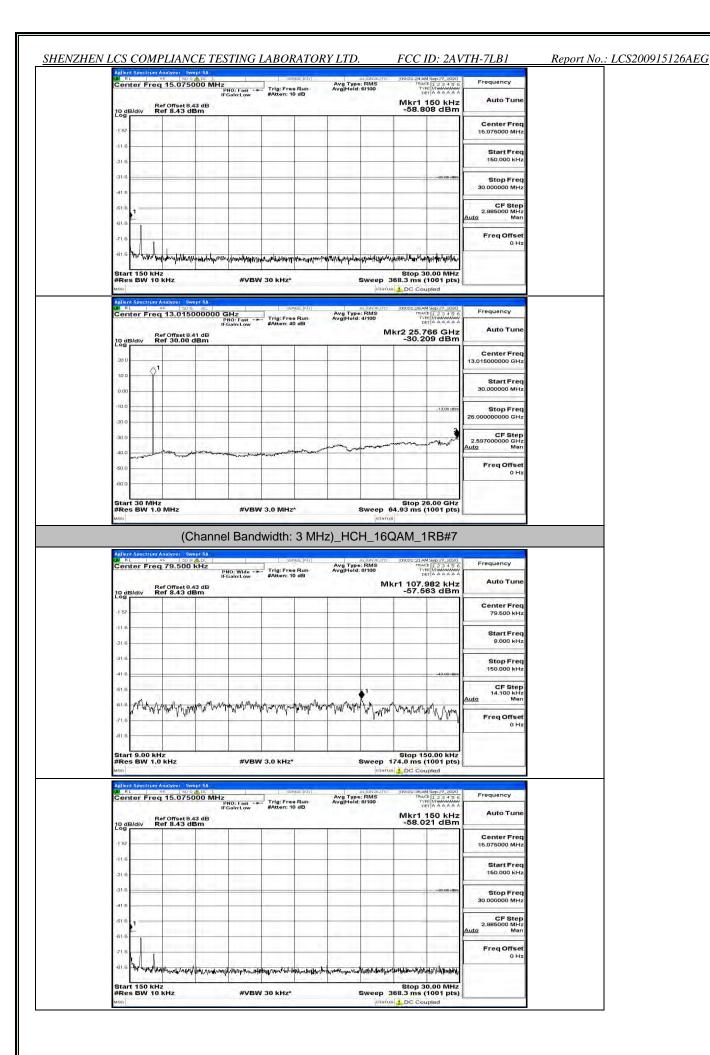


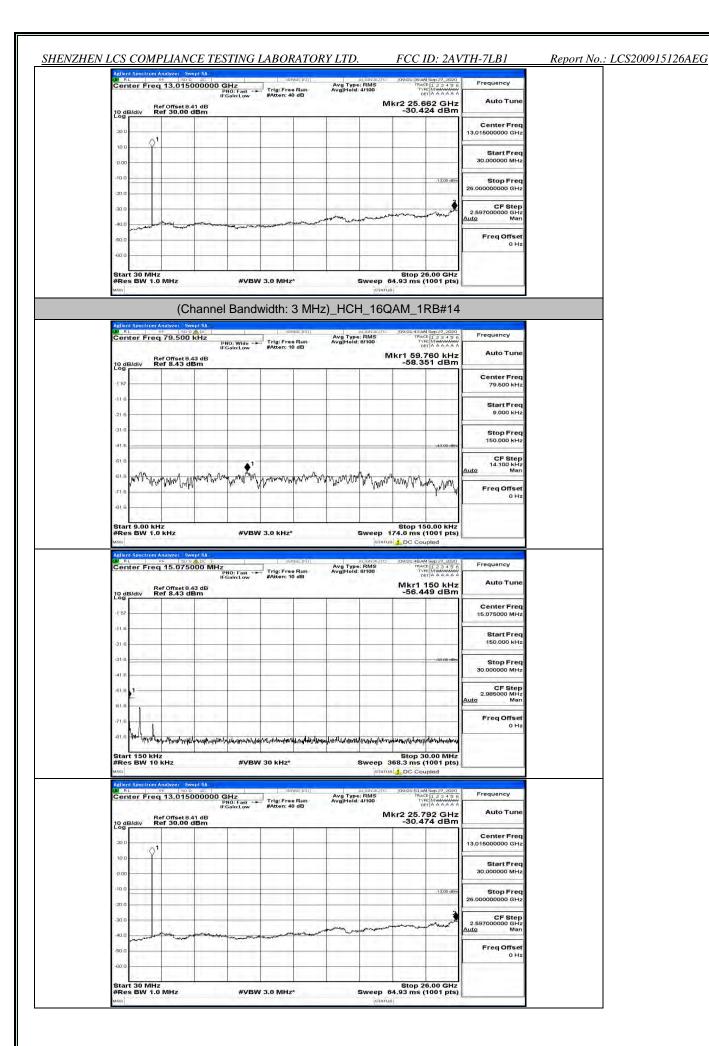












## **Channel Bandwidth: 5 MHz**

