Appendix G: Test Data for E-UTRA Band 12

Product Name: 7 inch 4G Tablet Trade Mark: LOGIC, iSWAG, UNONU **Test Model: T4G**

Environmental Conditions

Temperature:	23.2° C
Relative Humidity:	54.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

G.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	Channel	Size	Offset	QPSK	16QAM	verdict
		1	0	23.32	22.67	PASS
		1	3	23.11	22.78	PASS
		1	5	23.33	22.80	PASS
	LCH	3	0	23.22	21.88	PASS
		3	2	23.27	21.93	PASS
		3	3	23.17	21.91	PASS
		6	0	22.24	20.82	PASS
		1	0	22.97	22.12	PASS
	MCH	1	3	23.17	22.26	PASS
ODCK /		1	5	23.13	22.26	PASS
QPSK / 16QAM		3	0	23.20	21.85	PASS
IOQAW		3	2	23.20	21.81	PASS
		3	3	23.21	21.81	PASS
		6	0	22.05	20.88	PASS
		1	0	22.78	22.70	PASS
		1	3	22.72	22.85	PASS
		1	5	22.70	22.92	PASS
	HCH	3	0	22.80	21.82	PASS
		3	2	22.77	21.93	PASS
		3	3	22.83	21.91	PASS
		6	0	21.75	20.64	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channal	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiat
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	23.15	22.92	PASS
		1	7	23.20	22.97	PASS
		1	14	23.14	23.02	PASS
	LCH	8	0	22.14	21.00	PASS
		8	4	22.15	21.01	PASS
		8	7	22.19	21.15	PASS
		15	0	22.18	21.07	PASS
	MCH	1	0	23.00	22.79	PASS
		1	7	23.18	22.91	PASS
QPSK /		1	14	23.07	22.77	PASS
16QAM		8	0	21.96	20.79	PASS
TOQAM		8	4	21.99	20.81	PASS
		8	7	22.01	20.82	PASS
		15	0	22.03	20.93	PASS
		1	0	22.98	22.95	PASS
		1	7	22.82	22.89	PASS
		1	14	22.81	22.90	PASS
	HCH	8	0	21.73	20.66	PASS
		8	4	21.61	20.63	PASS
		8	7	21.88	20.65	PASS
		15	0	21.58	20.64	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict
Wodulation	Channel	Size	Offset	QPSK	16QAM	verdict
		1	0	23.03	22.63	PASS
		1	12	23.18	22.62	PASS
		1	24	23.16	22.69	PASS
	LCH	12	0	22.25	21.12	PASS
		12	6	22.27	21.25	PASS
		12	13	22.15	21.27	PASS
		25	0	22.19	21.29	PASS
	мсн	1	0	23.09	23.25	PASS
		1	12	23.18	23.35	PASS
QPSK /		1	24	23.07	23.17	PASS
16QAM		12	0	21.93	21.20	PASS
TOQAW		12	6	22.12	21.16	PASS
		12	13	21.91	21.05	PASS
		25	0	22.10	21.01	PASS
		1	0	22.86	21.32	PASS
		1	12	22.86	21.09	PASS
		1	24	22.84	21.10	PASS
	HCH	12	0	21.83	20.73	PASS
		12	6	21.72	20.81	PASS
		12	13	21.61	20.76	PASS
		25	0	21.69	20.89	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	23.04	22.99	PASS	
		1	24	23.05	23.09	PASS	
		1	49	23.13	22.99	PASS	
	LCH	25	0	22.26	21.11	PASS	
		25	12	22.17	20.93	PASS	
		25	25	22.04	20.85	PASS	
		50	0	22.16	20.96	PASS	
	MCH	1	0	22.94	22.89	PASS	
		1	24	23.02	22.84	PASS	
ODOK /		1	49	22.79	22.59	PASS	
QPSK /		25	0	22.00	21.06	PASS	
16QAM		25	12	22.15	20.93	PASS	
		25	25	21.88	20.88	PASS	
		50	0	22.09	20.89	PASS	
		1	0	23.08	22.53	PASS	
		1	24	22.99	22.38	PASS	
		1	49	22.93	22.33	PASS	
	HCH	25	0	21.94	20.87	PASS	
		25	12	21.78	20.82	PASS	
		25	25	21.80	20.88	PASS	
		50	0	21.80	20.86	PASS	

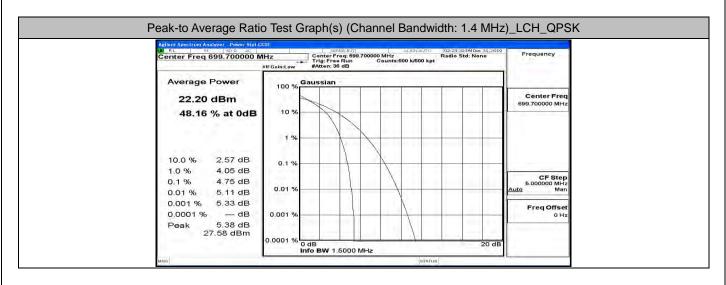
G.2 Peak-to-Average Ratio

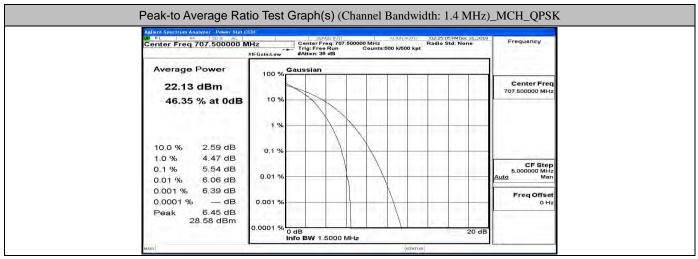
Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict	
iviodulation	Chamber	[dB]	[dB]	verdict	
	LCH	4.75	<13	PASS	
QPSK	MCH	5.54	<13	PASS	
	HCH	5.4	<13	PASS	
16QAM	LCH	5.74	<13	PASS	
	MCH	6.55	<13	PASS	
	HCH	6.46	<13	PASS	

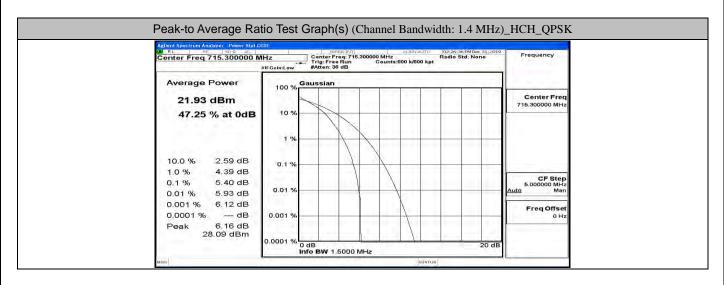
Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channel	[dB]	[dB]	verdict		
	LCH	4.7	<13	PASS		
QPSK	MCH	5.57	<13	PASS		
	HCH	5.53	<13	PASS		
16QAM	LCH	5.69	<13	PASS		
	MCH	6.55	<13	PASS		
	HCH	6.34	<13	PASS		

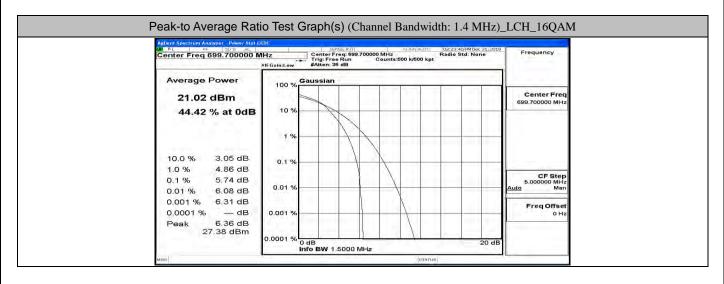
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channel	[dB]	[dB]	verdict		
	LCH	4.68	<13	PASS		
QPSK	MCH	5.44	<13	PASS		
	HCH	5.42	<13	PASS		
16QAM	LCH	5.39	<13	PASS		
	MCH	6.36	<13	PASS		
	HCH	6.16	<13	PASS		

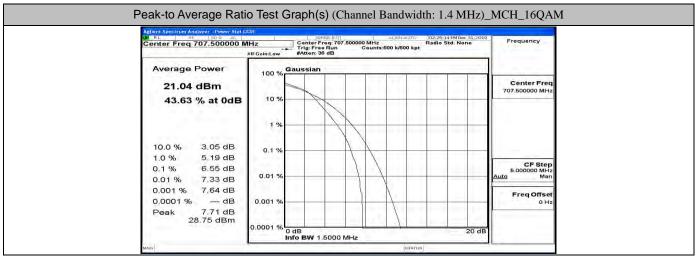
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Vordict		
Modulation	Griannei	[dB]	[dB]	Verdict		
	LCH	5.41	<13	PASS		
QPSK	MCH	5.32	<13	PASS		
	HCH	5.5	<13	PASS		
16QAM	LCH	6.14	<13	PASS		
	MCH	6.14	<13	PASS		
	HCH	6.25	<13	PASS		

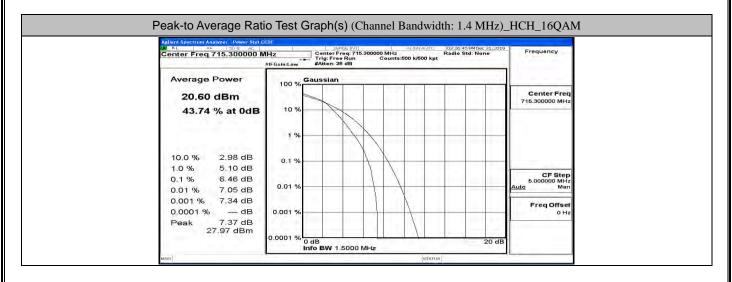


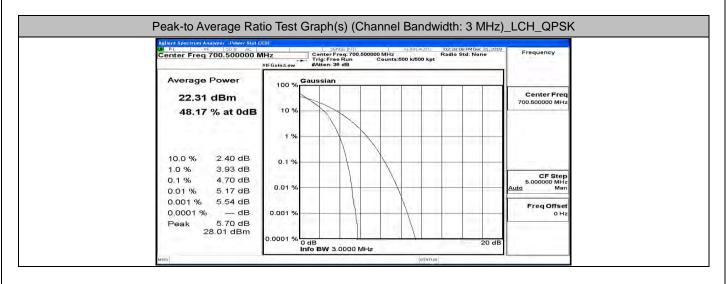


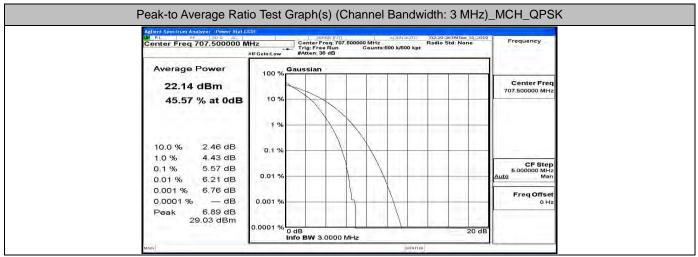


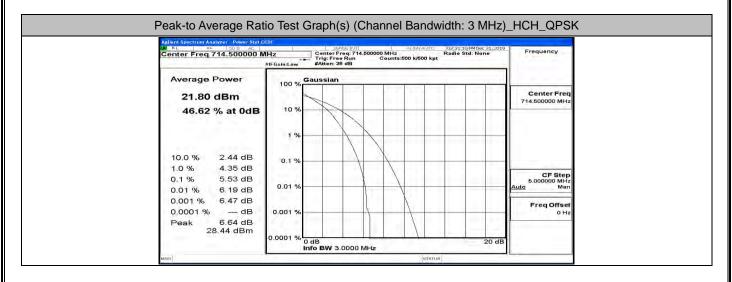


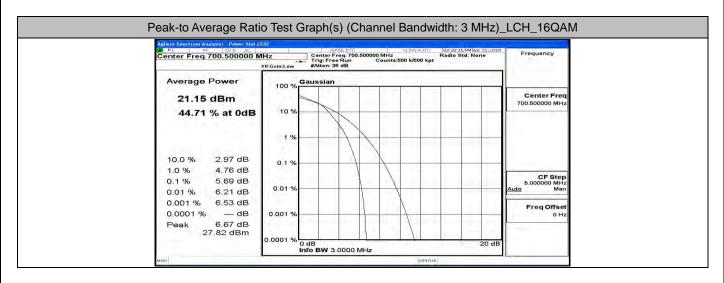


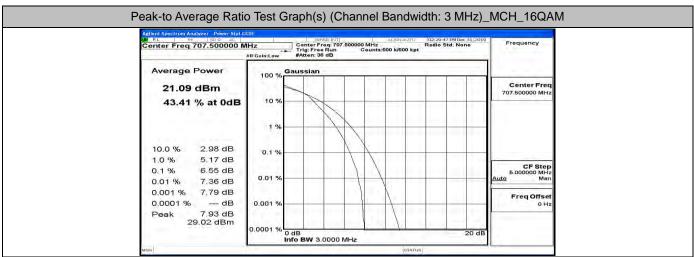


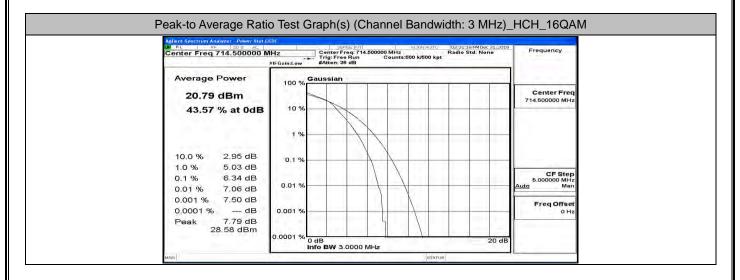


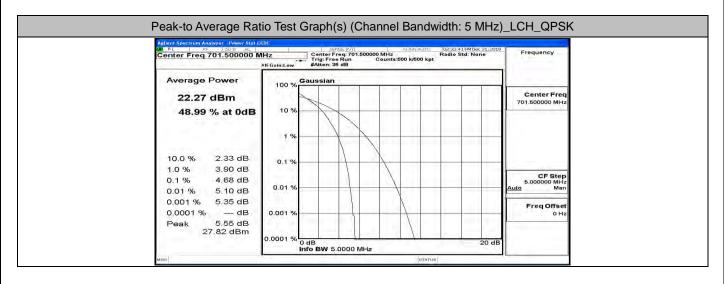


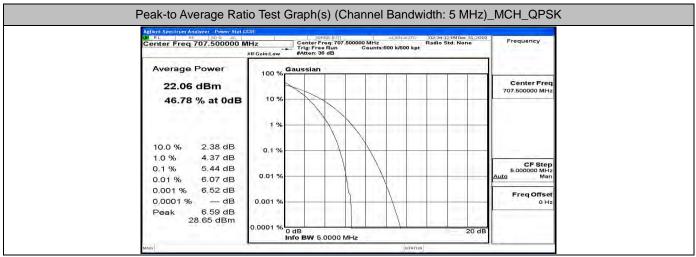


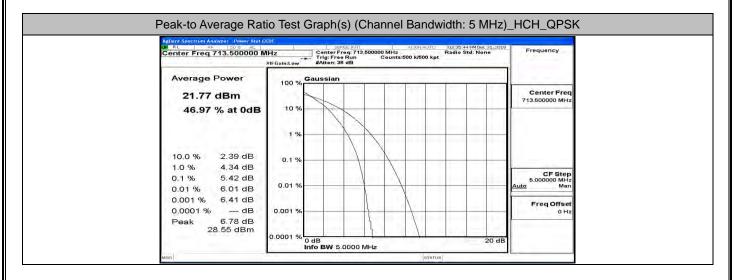


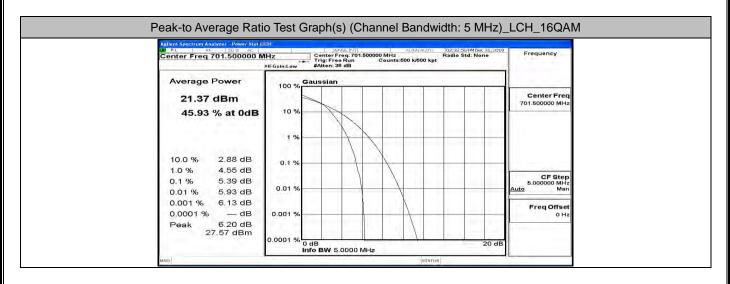


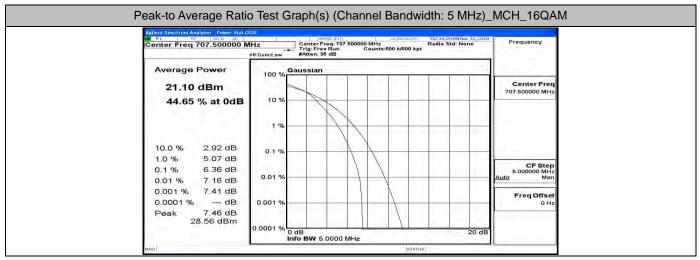


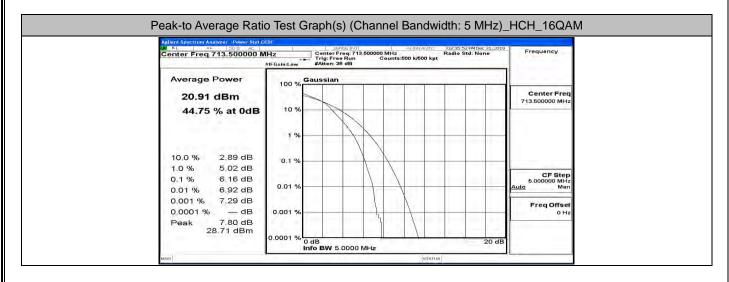


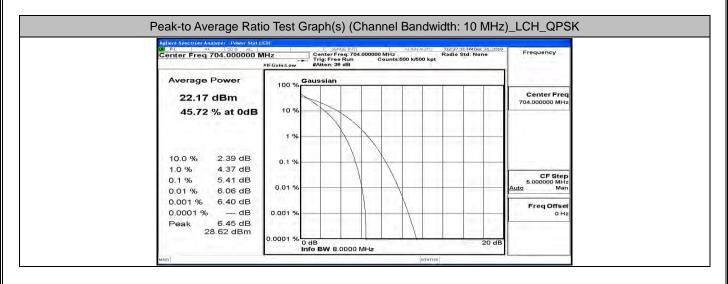


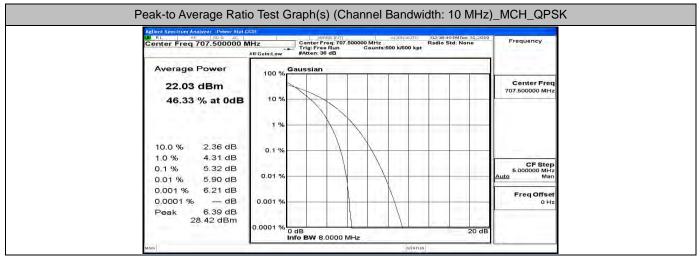


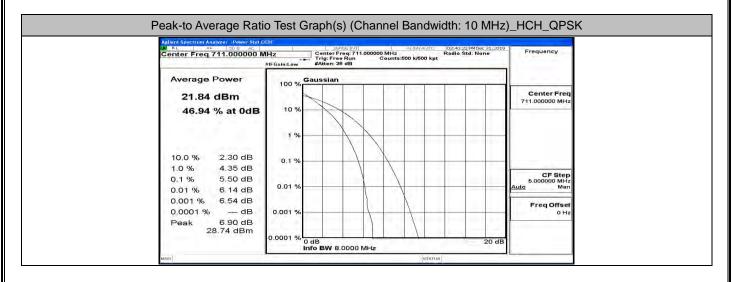


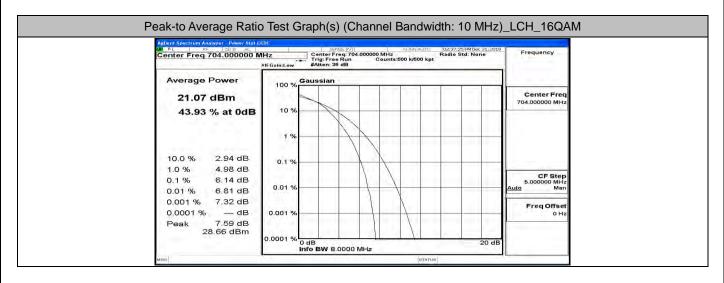


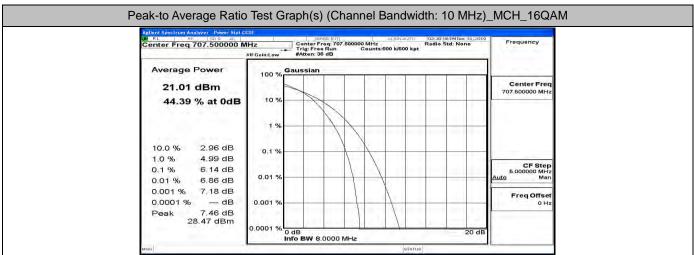


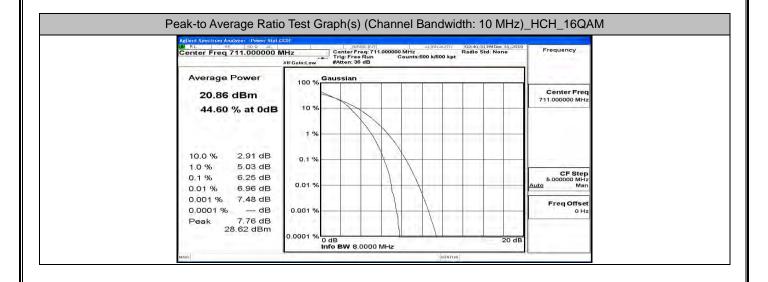












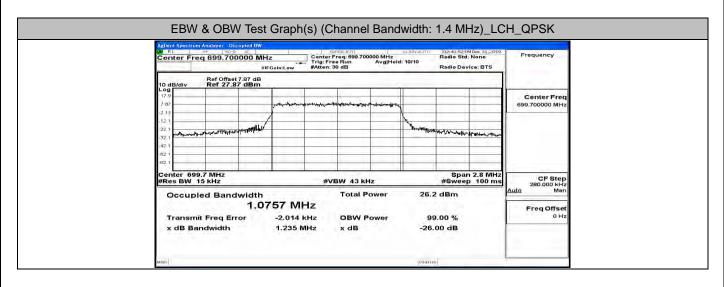
G.3 26dB Bandwidth and Occupied Bandwidth

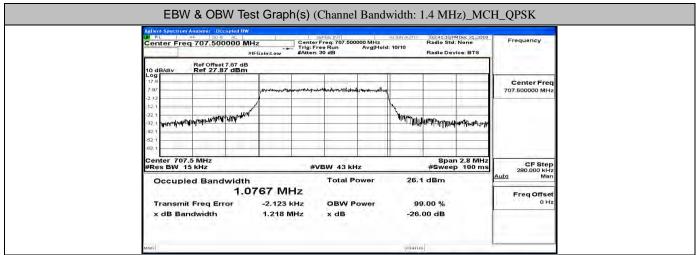
EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict	
iviodulation	Griannei	(MHz)	(MHz)	verdict	
	LCH	1.0757	1.235	PASS	
QPSK	MCH	1.0767	1.218	PASS	
	HCH	1.0792	1.203	PASS	
16QAM	LCH	1.0812	1.219	PASS	
	MCH	1.0784	1.231	PASS	
	HCH	1.0783	1.251	PASS	

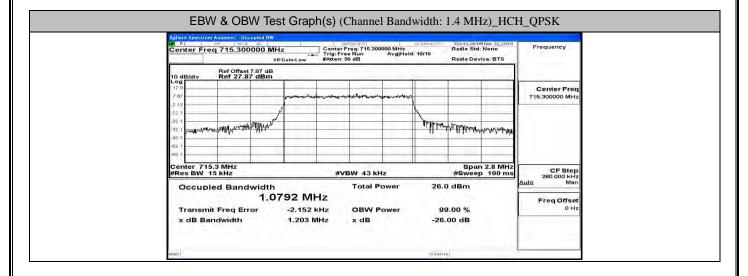
EBW & OBW Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Vardiet		
Modulation	Griannei	(MHz)	(MHz)	Verdict		
QPSK	LCH	2.6833	2.969	PASS		
	MCH	2.6815	2.958	PASS		
	HCH	2.6859	2.932	PASS		
16QAM	LCH	2.6872	2.978	PASS		
	MCH	2.6883	2.968	PASS		
	HCH	2.6897	2.981	PASS		

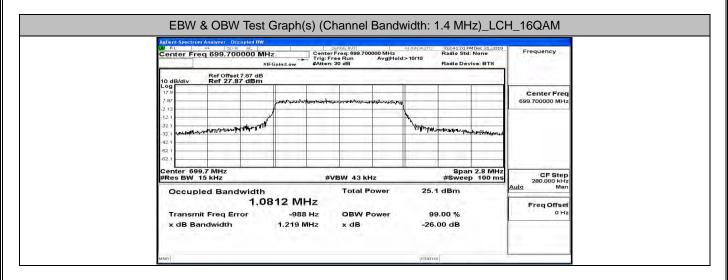
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Vordict		
Modulation	Channel	(MHz)	(MHz)	Verdict		
QPSK	LCH	4.4813	4.806	PASS		
	MCH	4.4642	4.766	PASS		
	HCH	4.4690	4.912	PASS		
16QAM	LCH	4.4724	4.815	PASS		
	MCH	4.4747	4.826	PASS		
	HCH	4.4816	4.935	PASS		

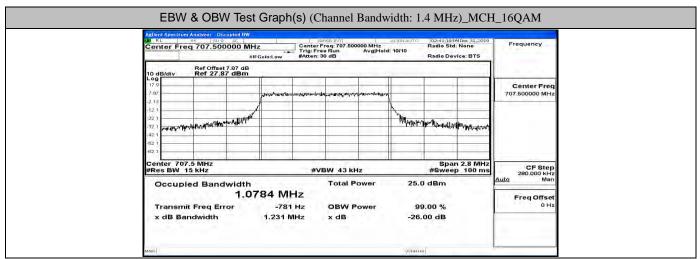
EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
		(MHz)	(MHz)	
QPSK	LCH	8.9692	9.515	PASS
	MCH	8.9231	9.531	PASS
	HCH	8.9172	9.540	PASS
16QAM	LCH	8.9656	9.538	PASS
	MCH	8.9226	9.443	PASS
	HCH	8.9223	9.432	PASS

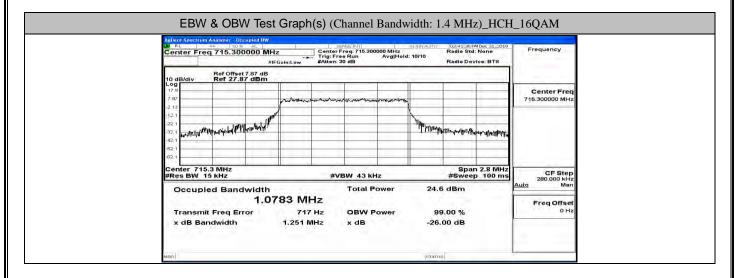


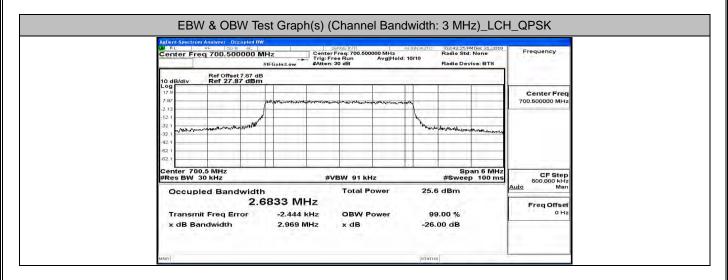


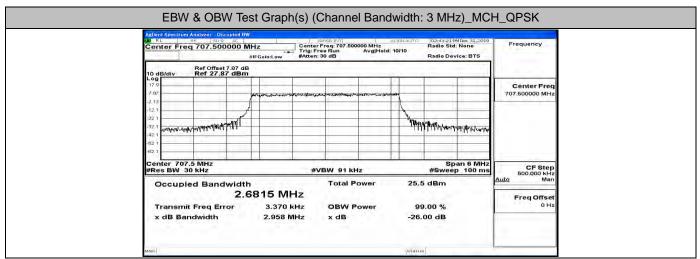


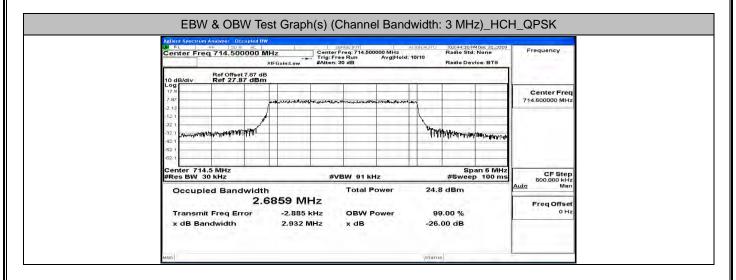


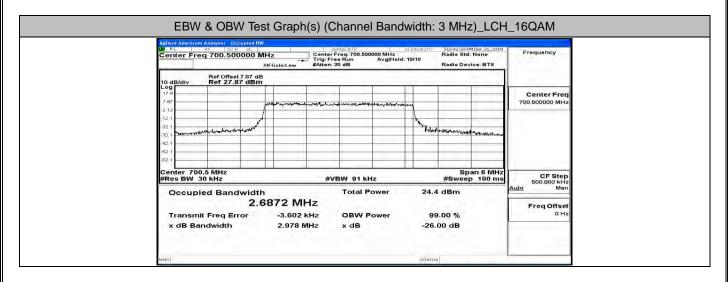


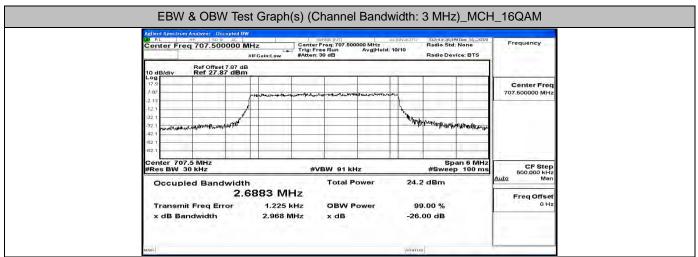


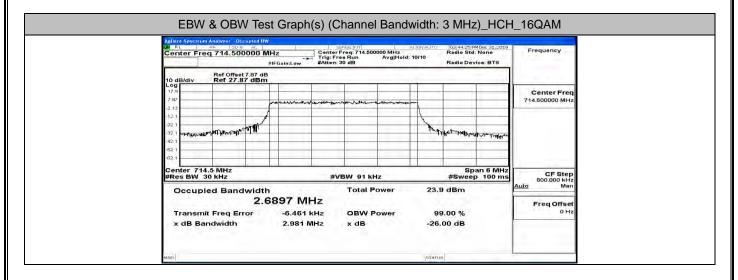


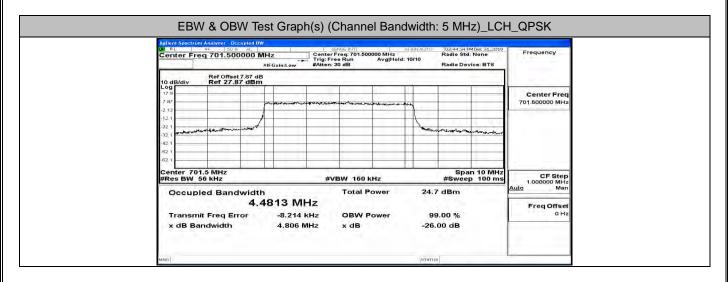


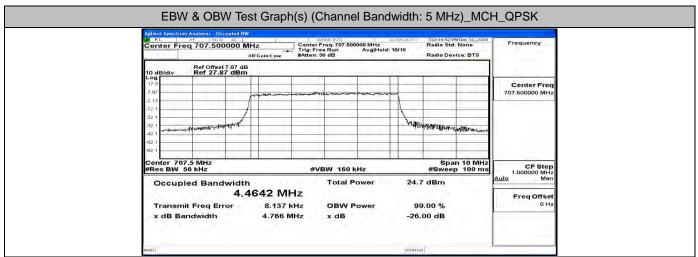


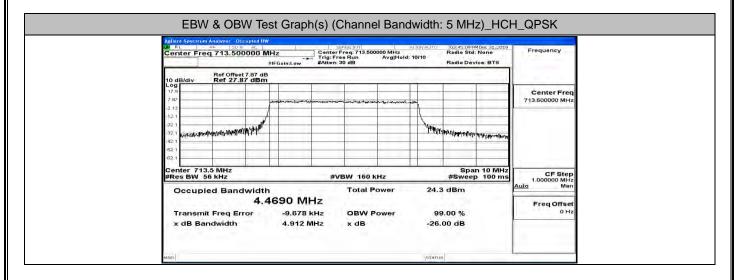


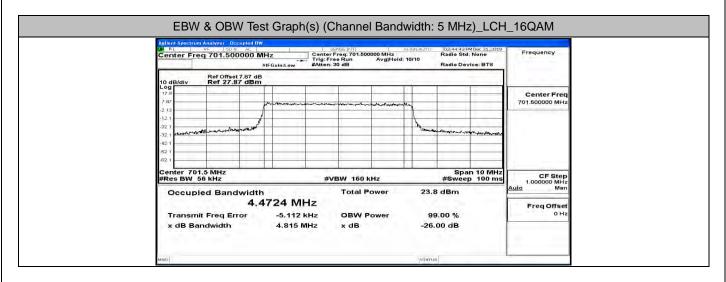


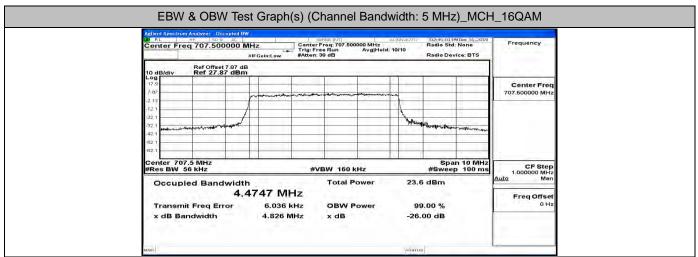


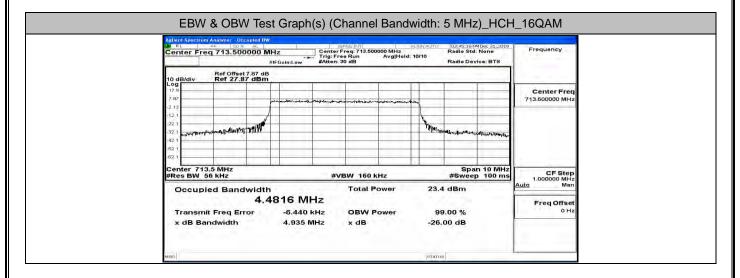


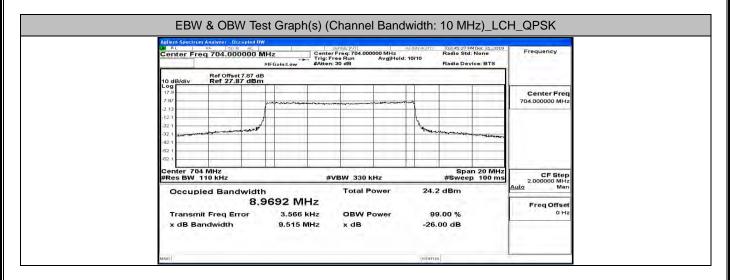


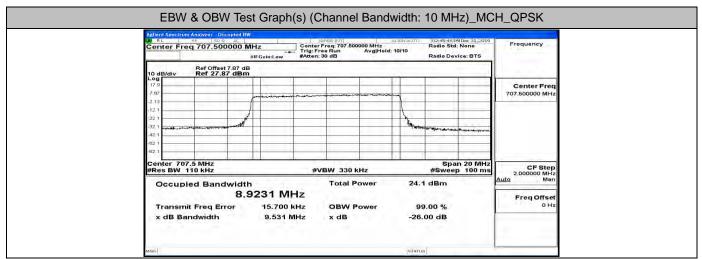


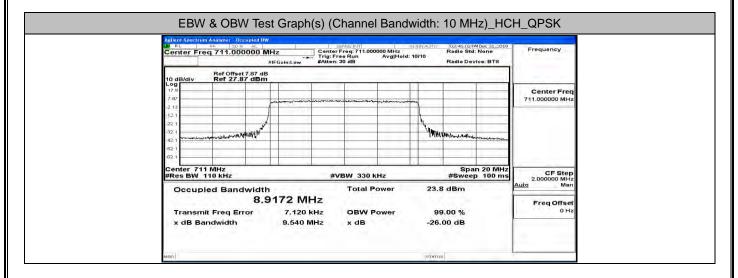


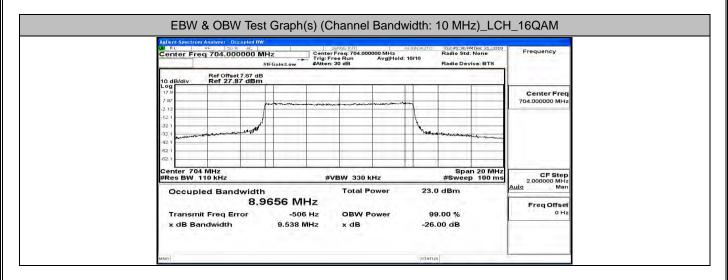


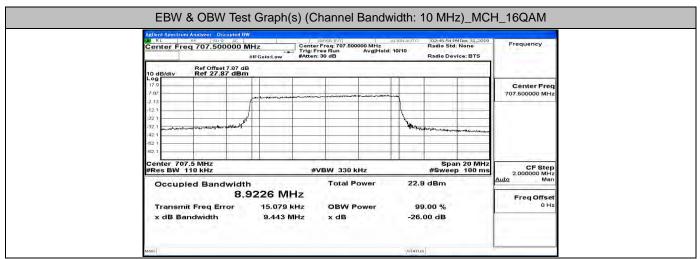


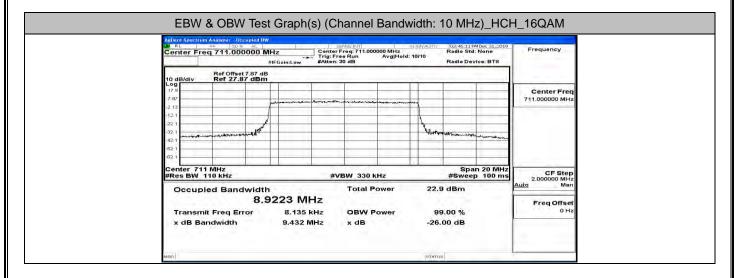




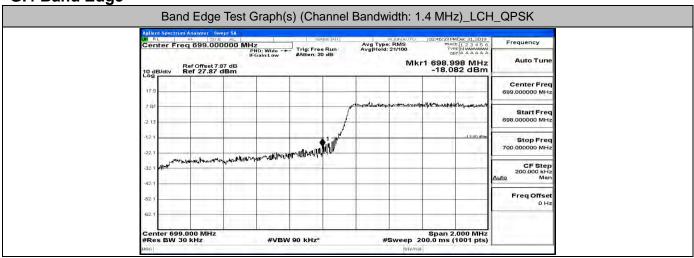


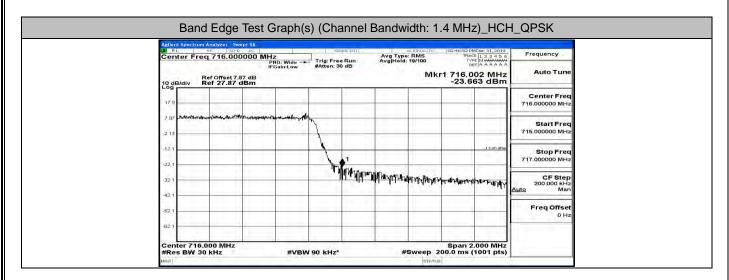


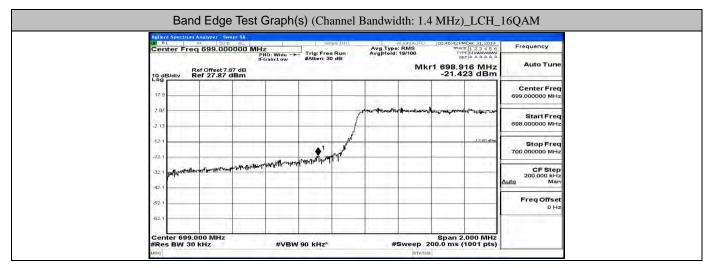


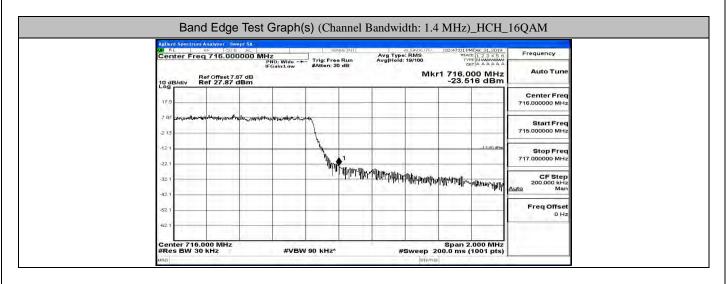


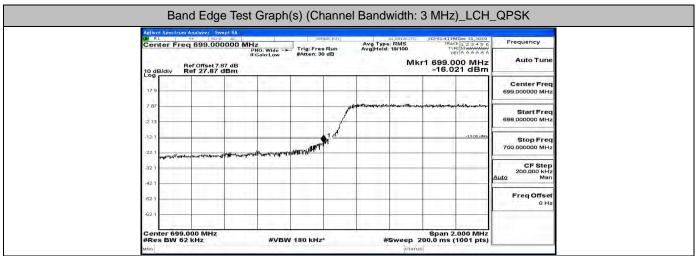
G.4 Band Edge

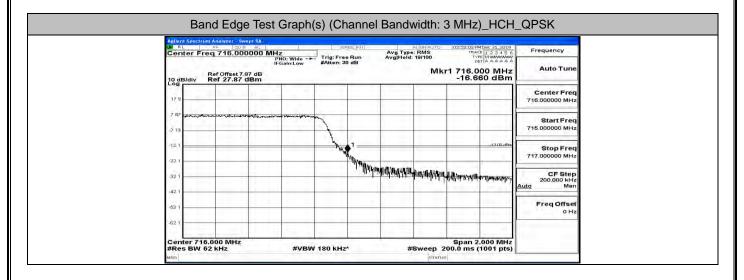


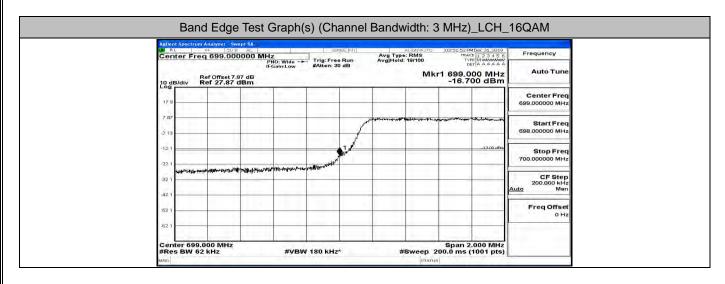


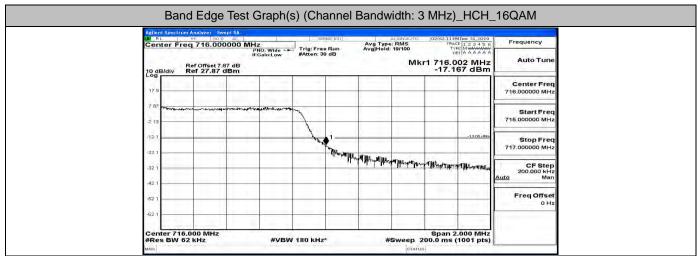


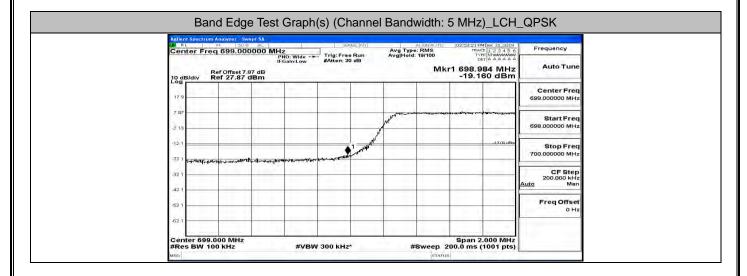


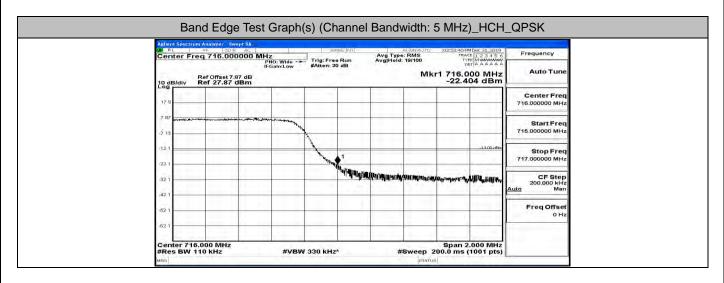


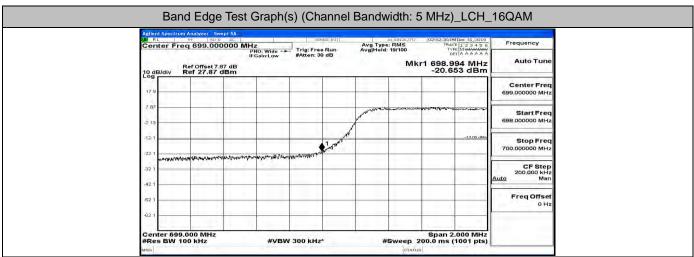


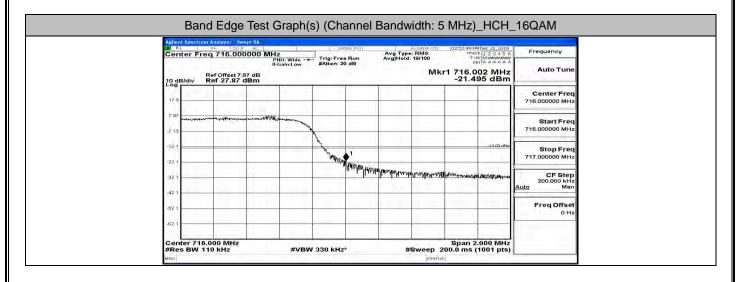


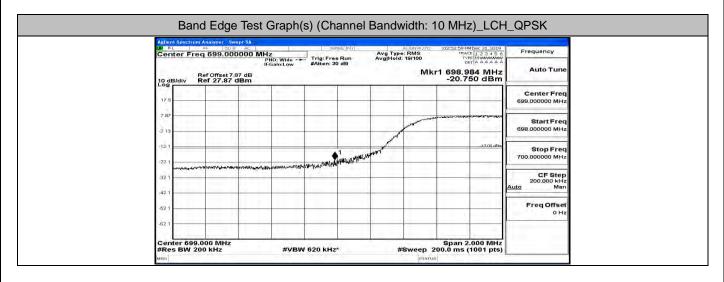


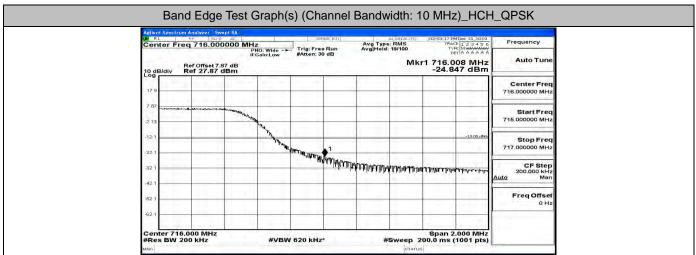


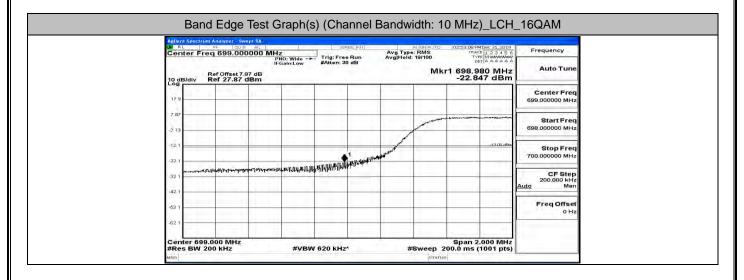


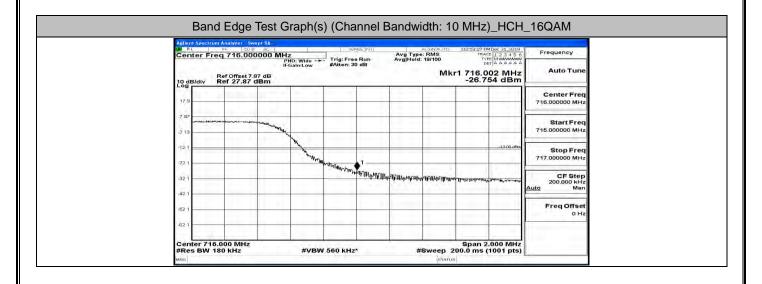




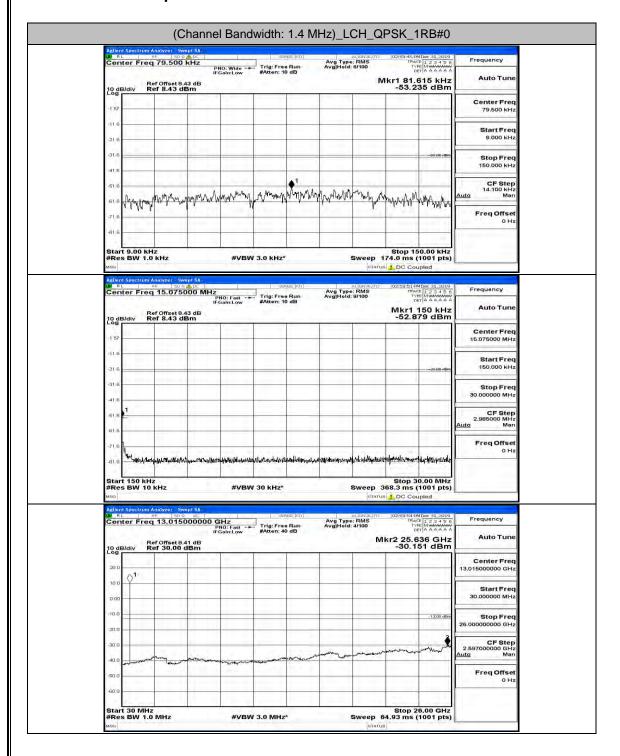


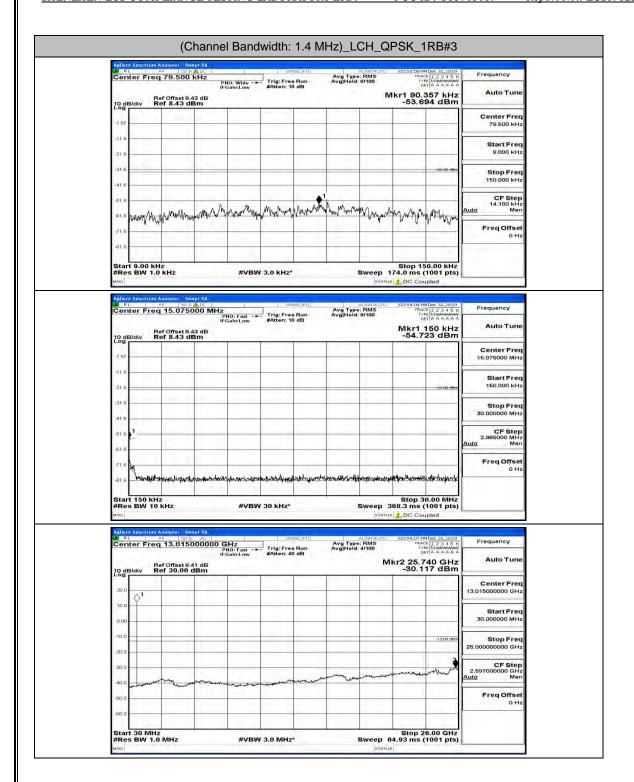


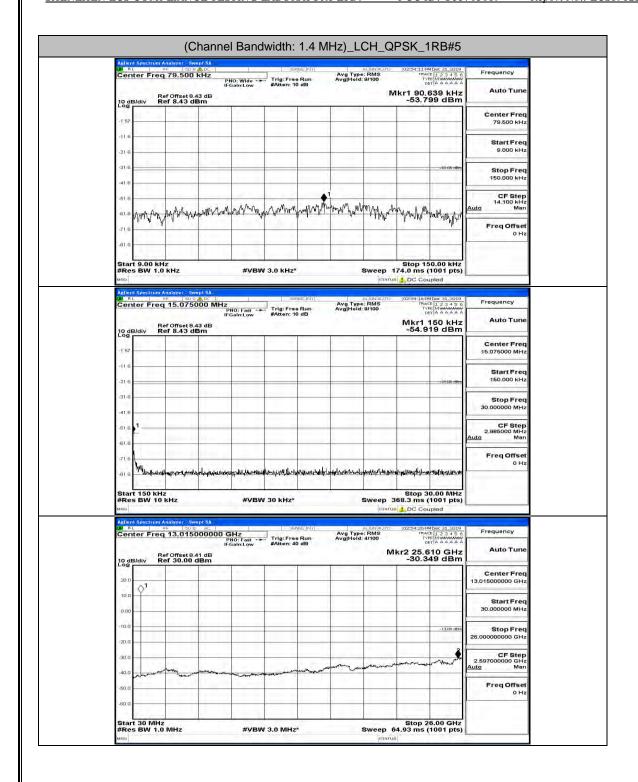


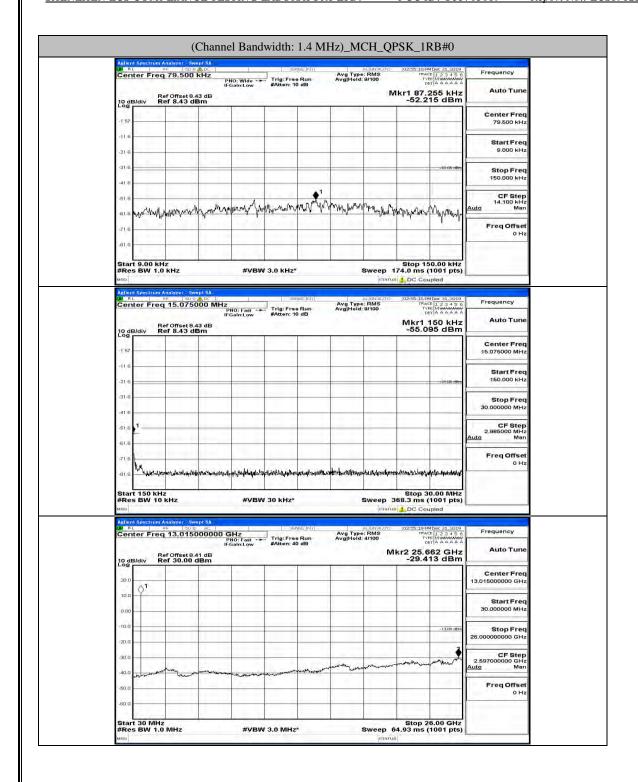


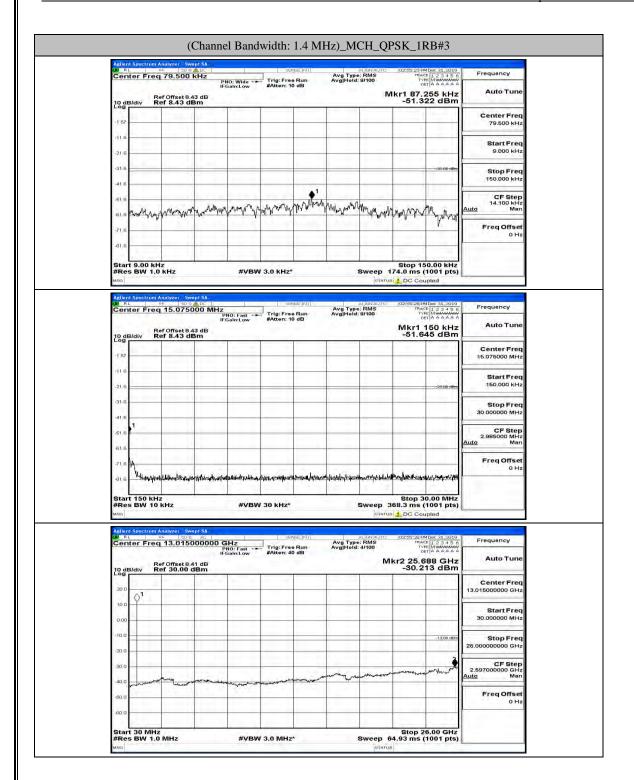
G.5 Conducted Spurious Emission

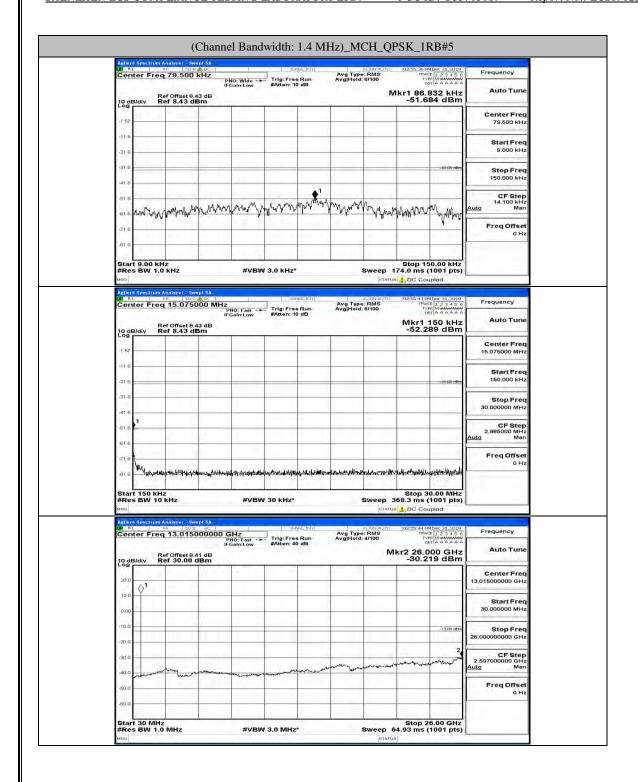


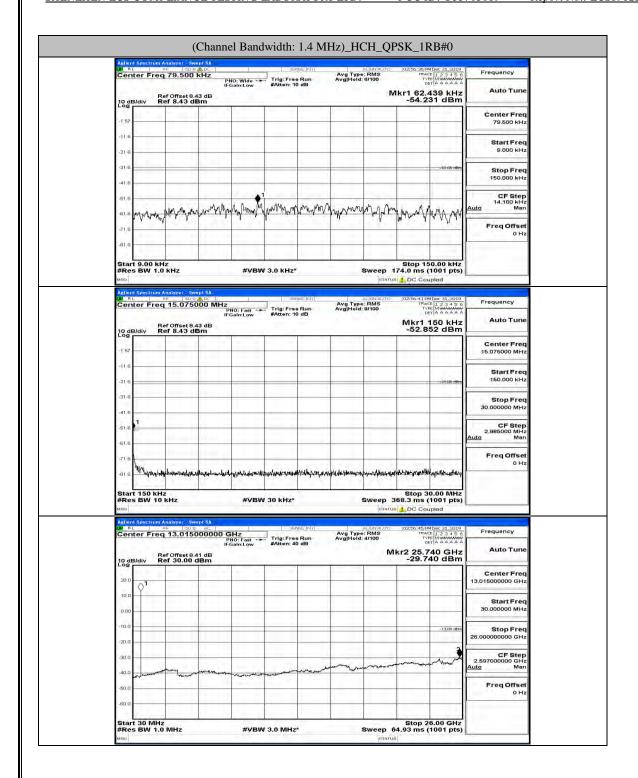


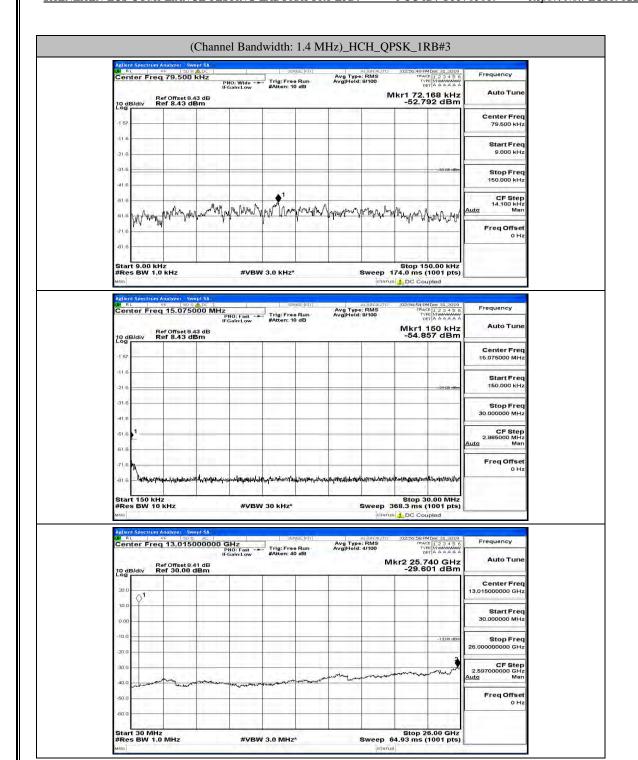


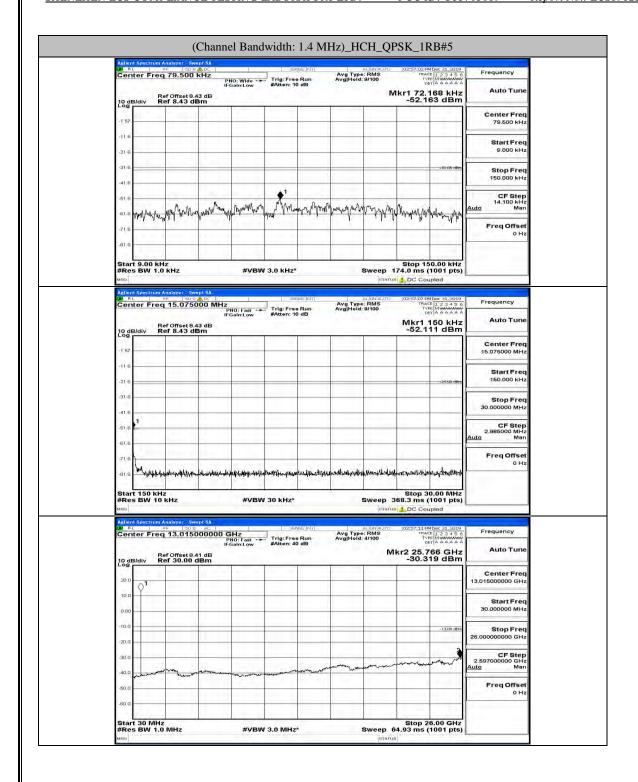


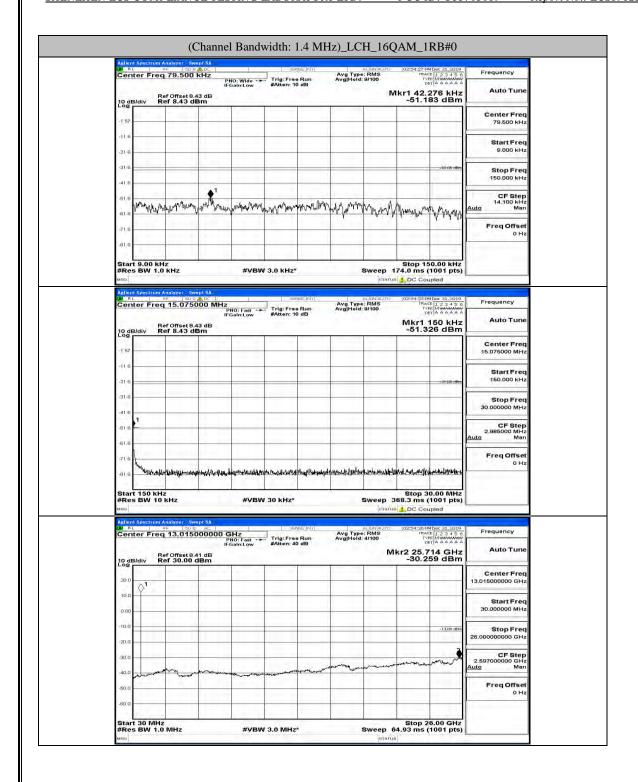


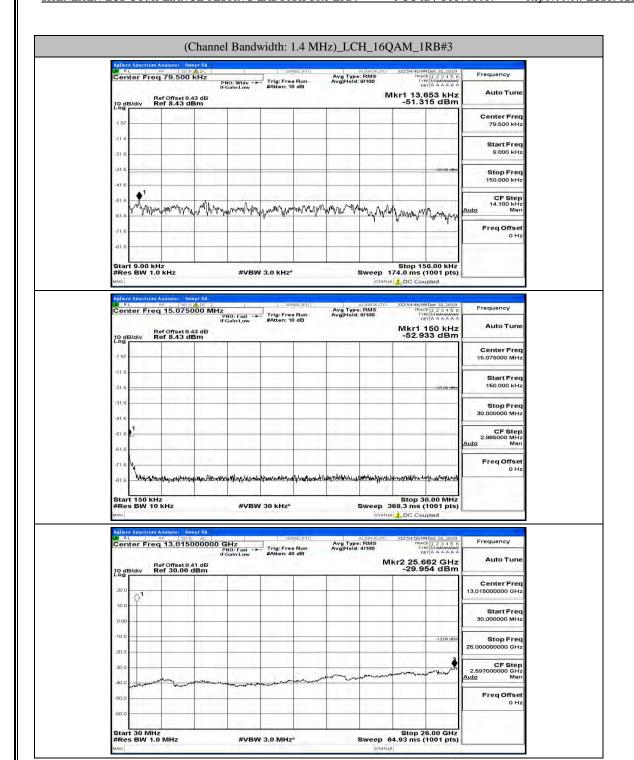


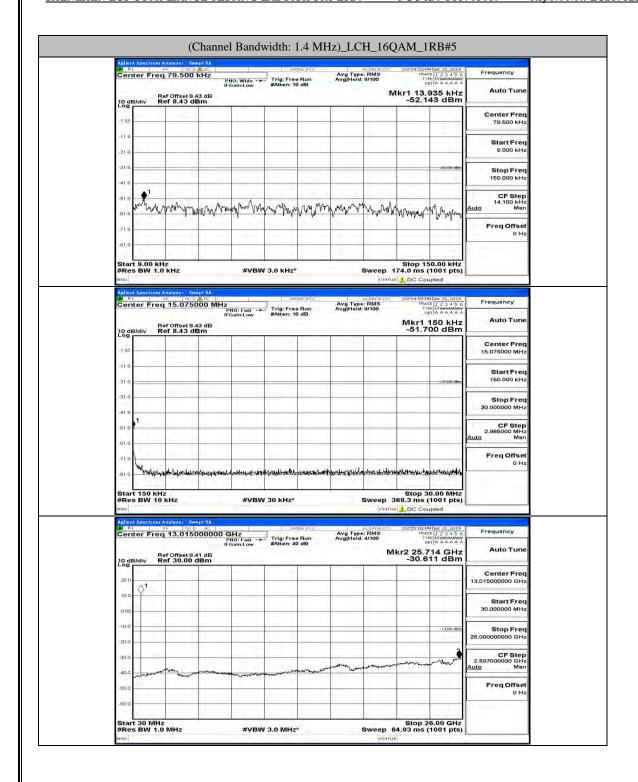


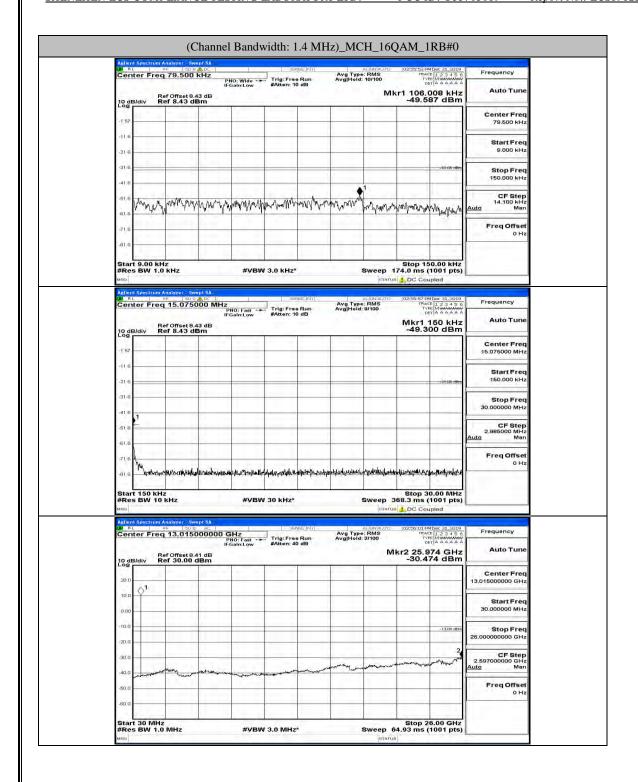


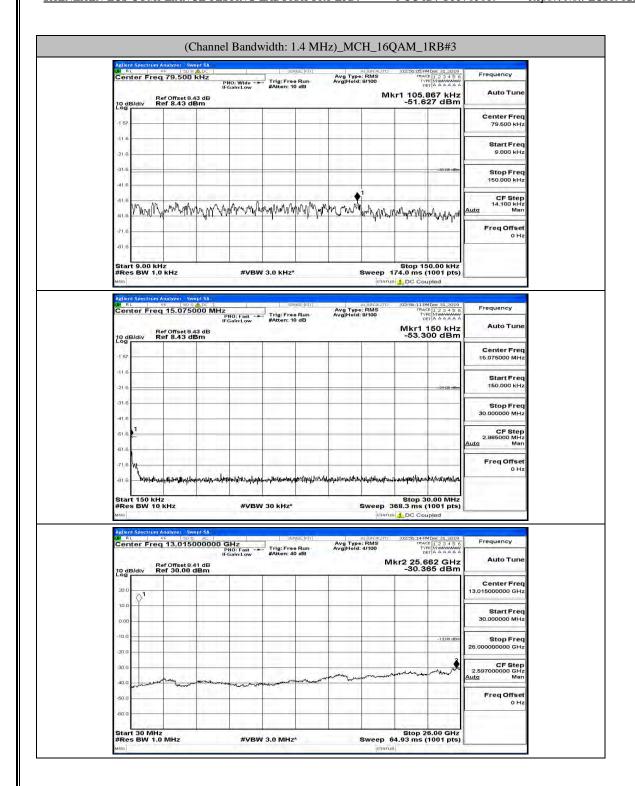


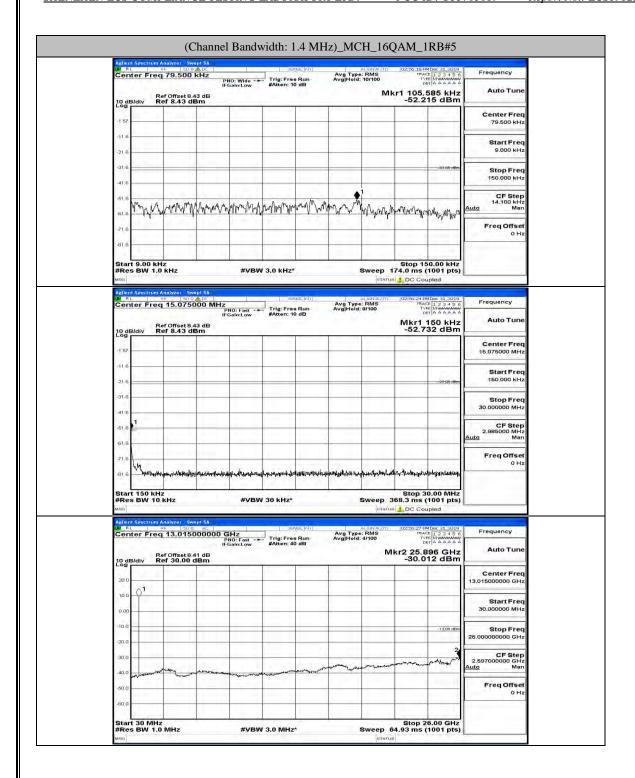


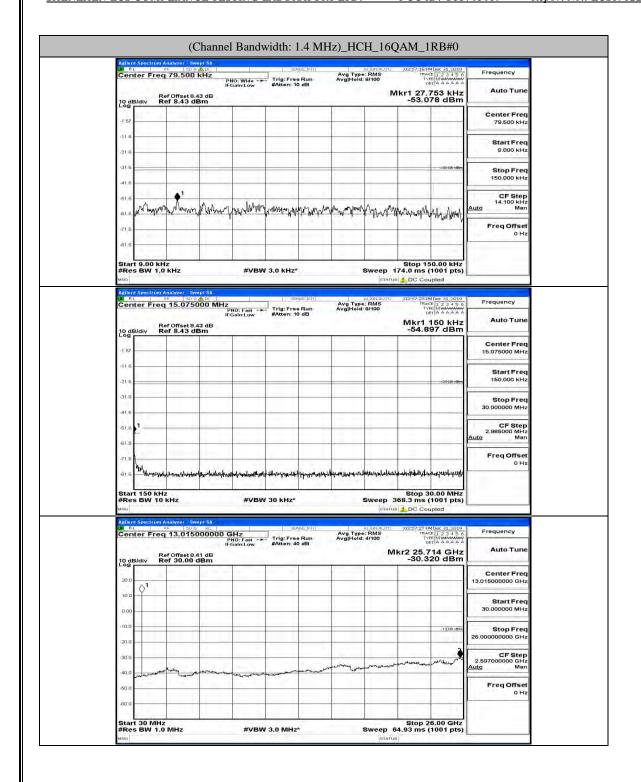


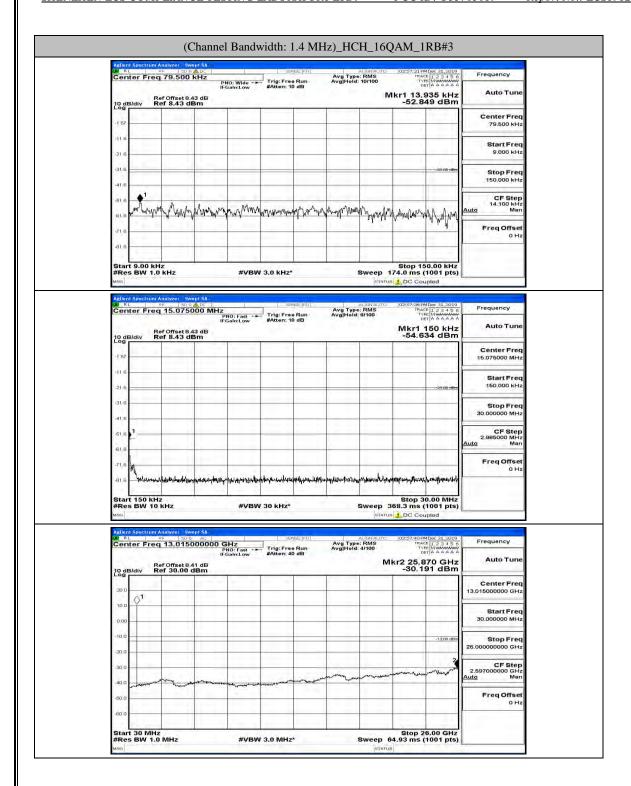


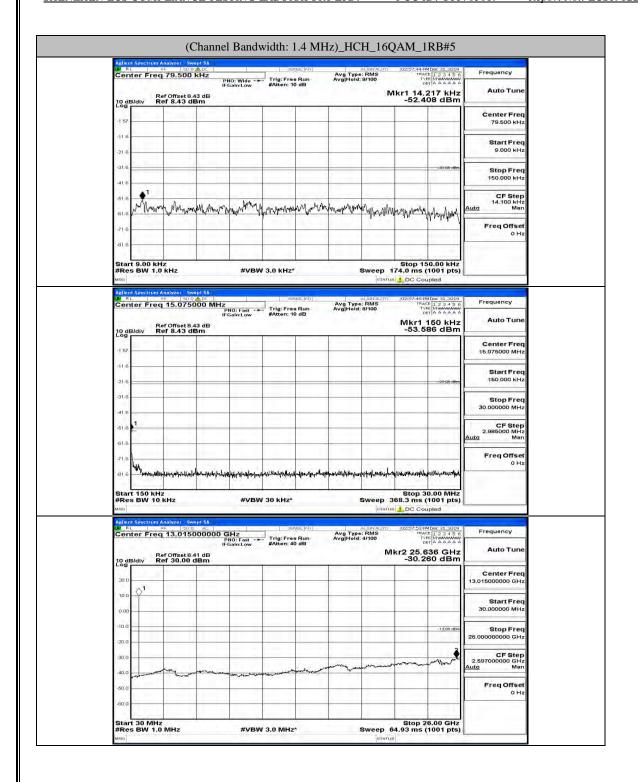




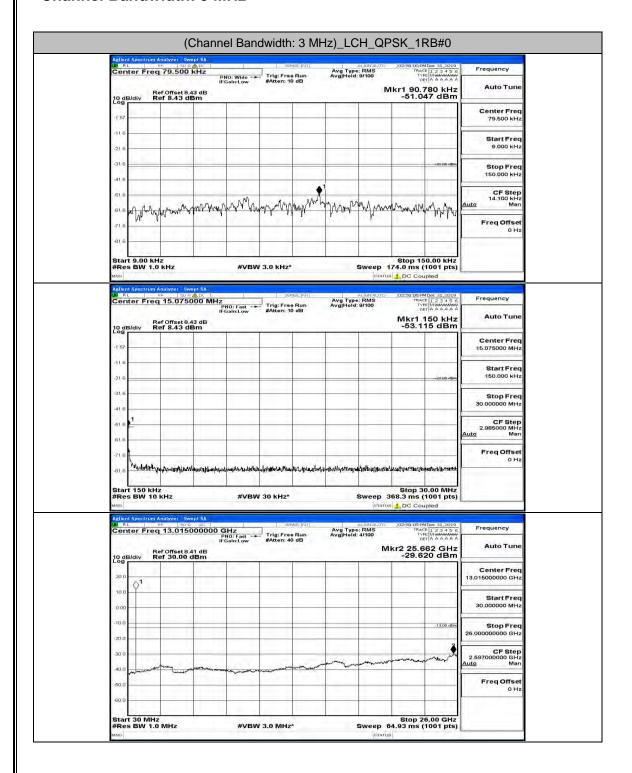


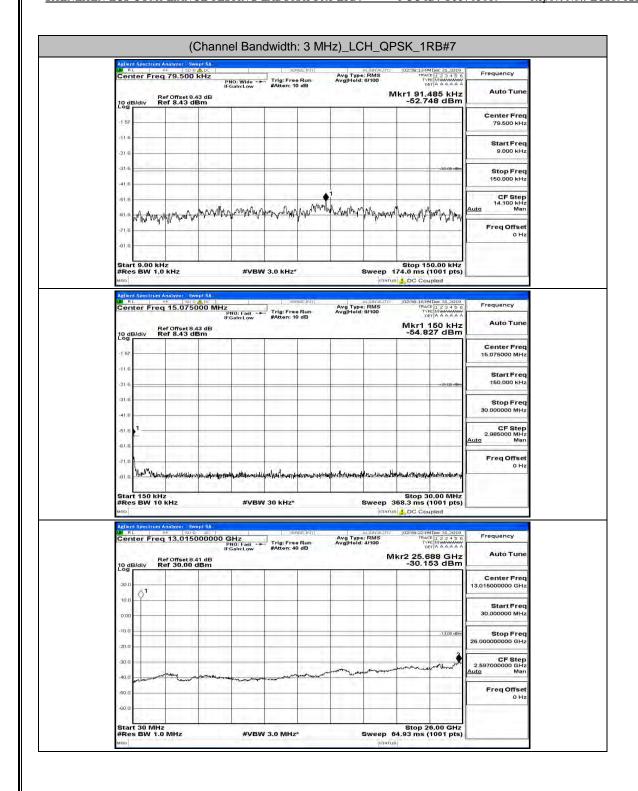


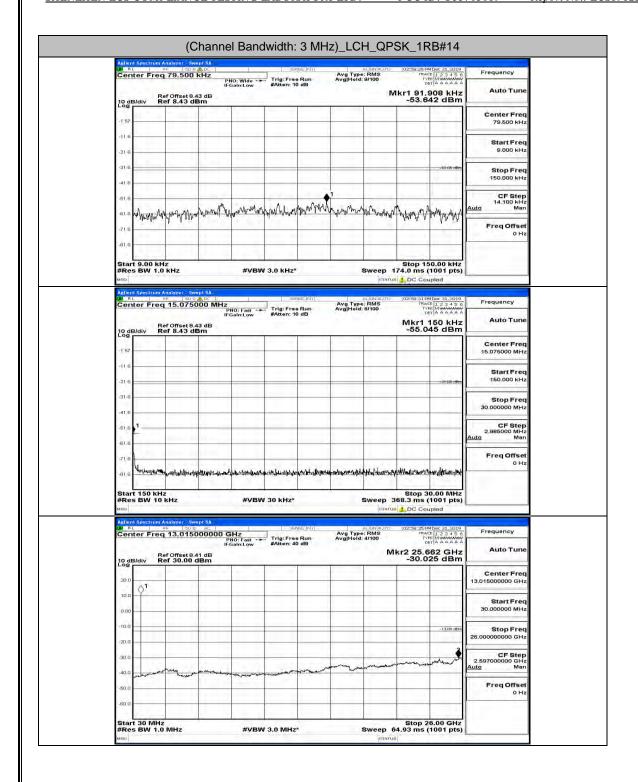


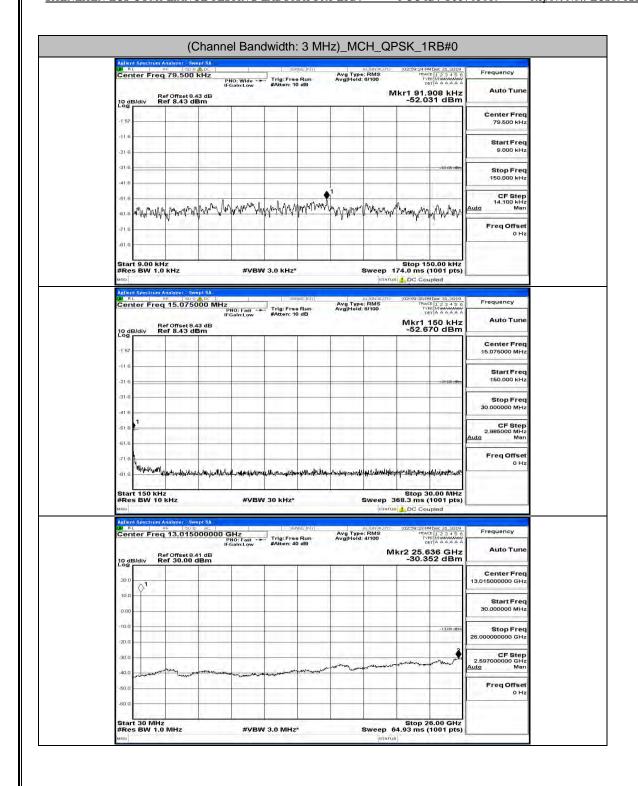


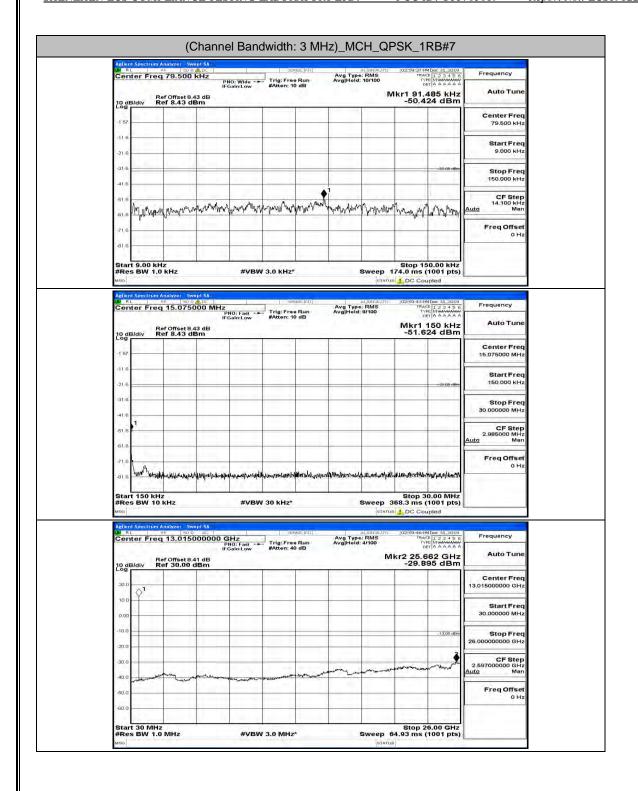
Channel Bandwidth: 3 MHz

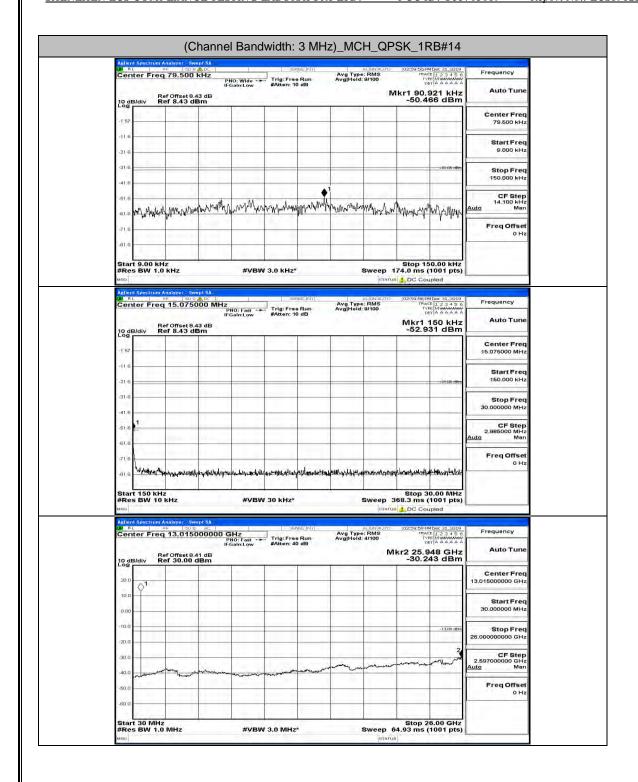


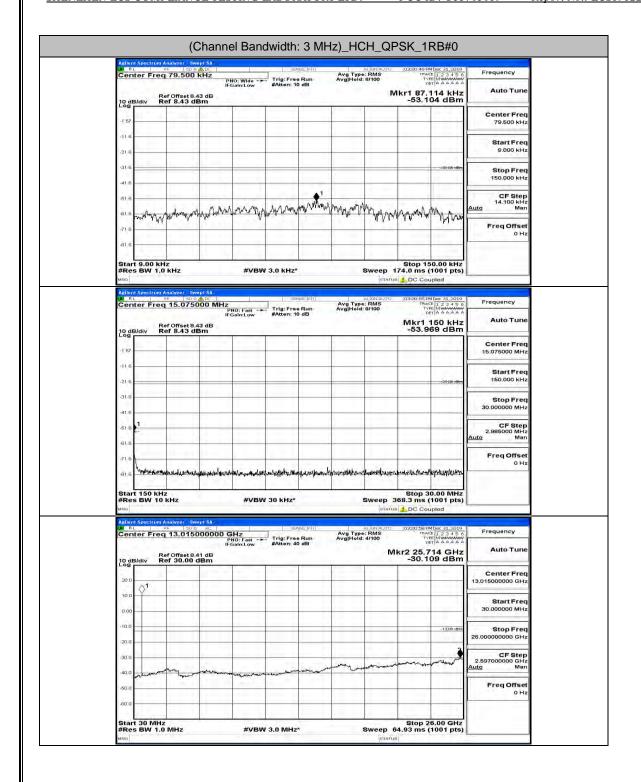


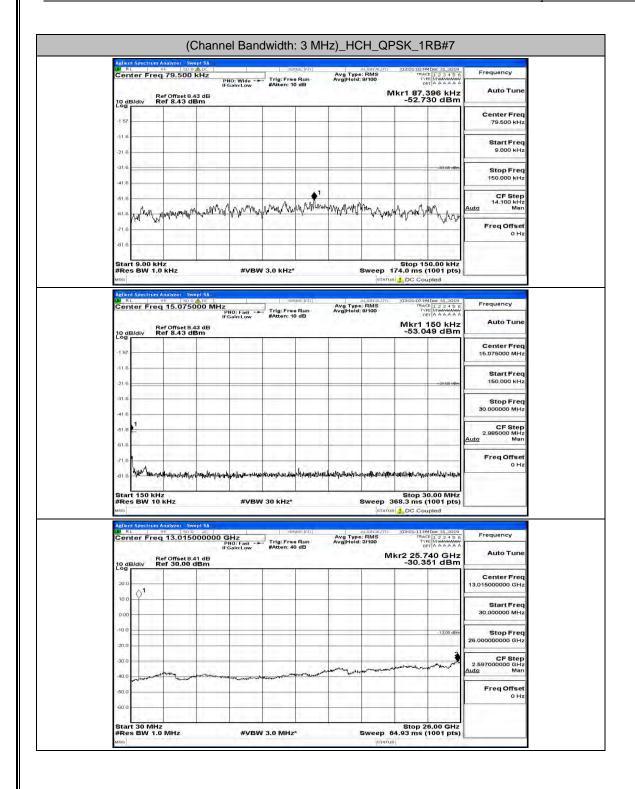


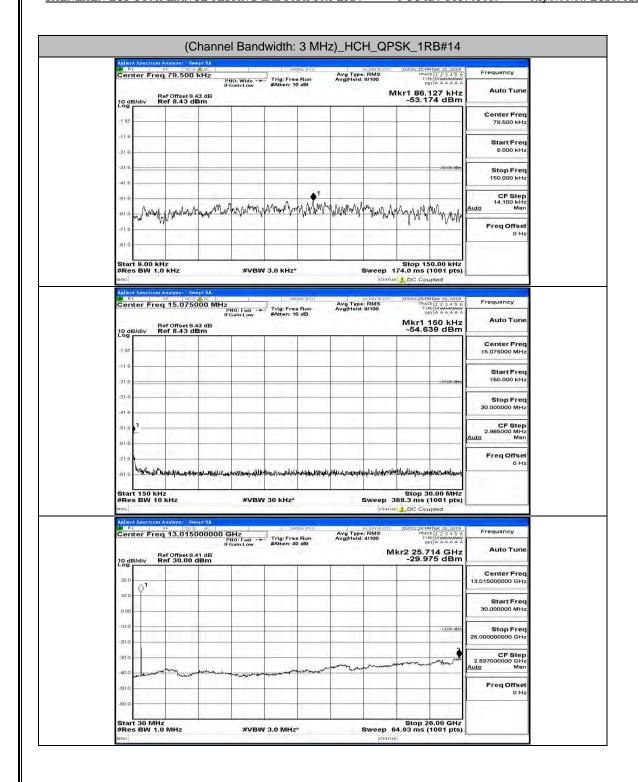


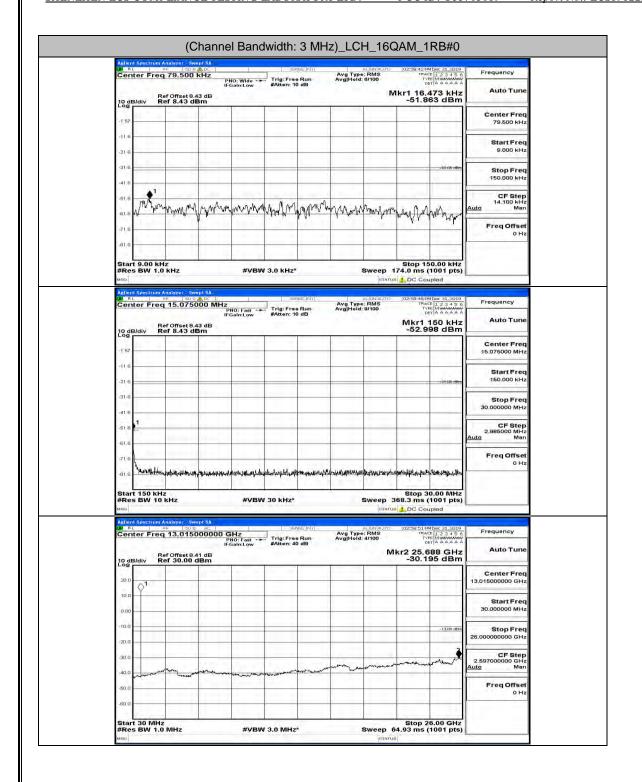


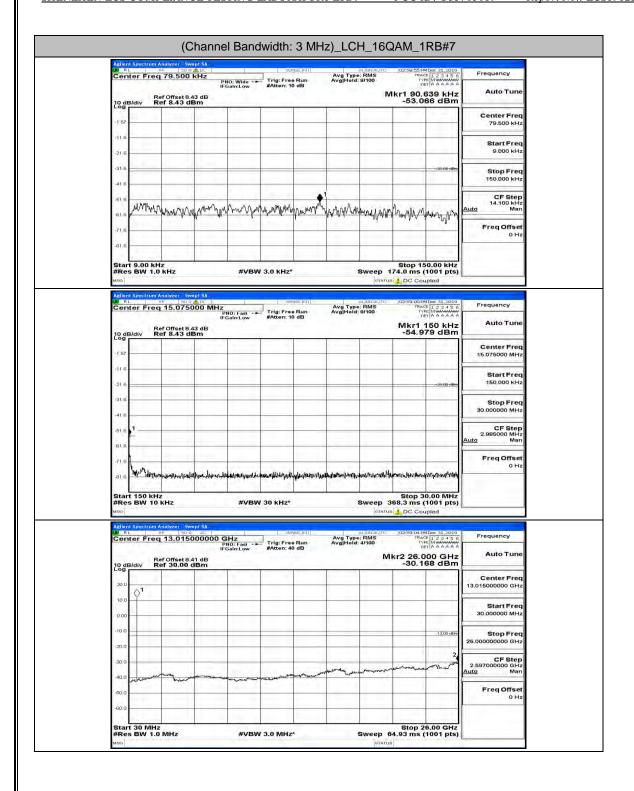


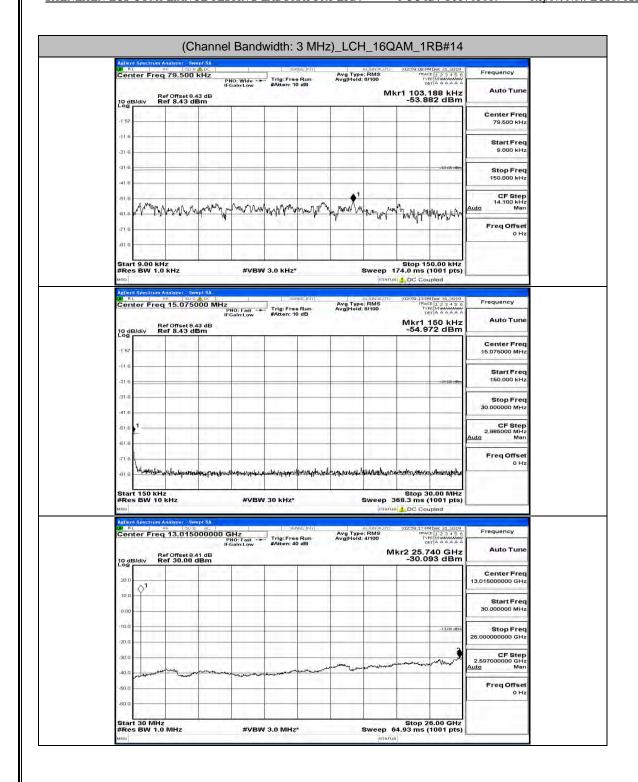


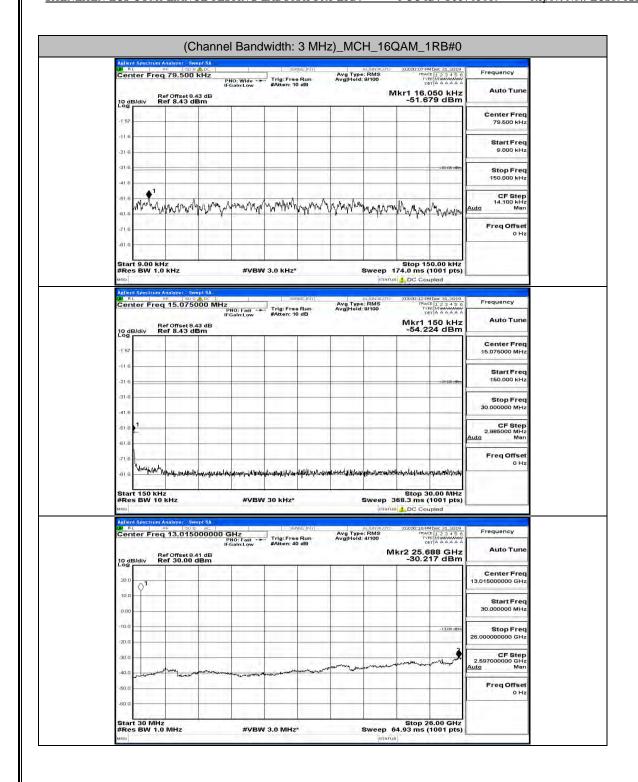


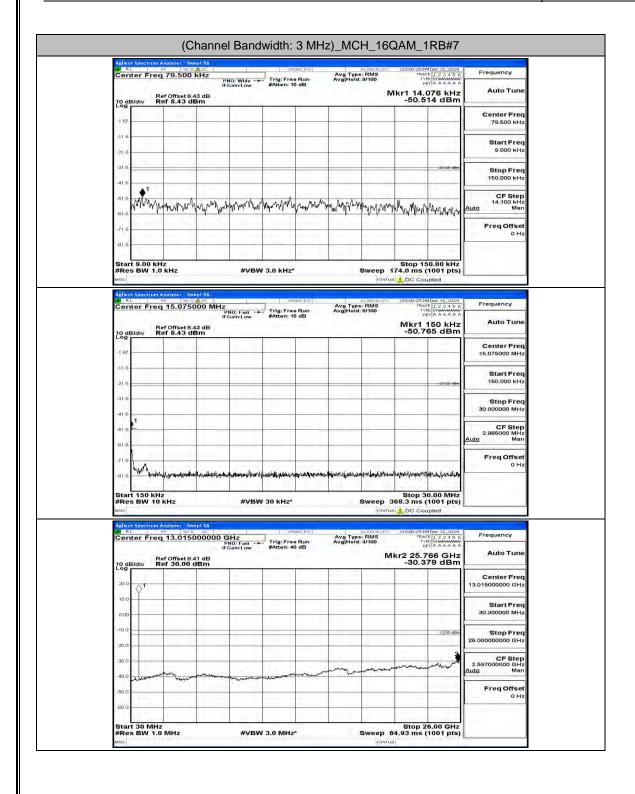


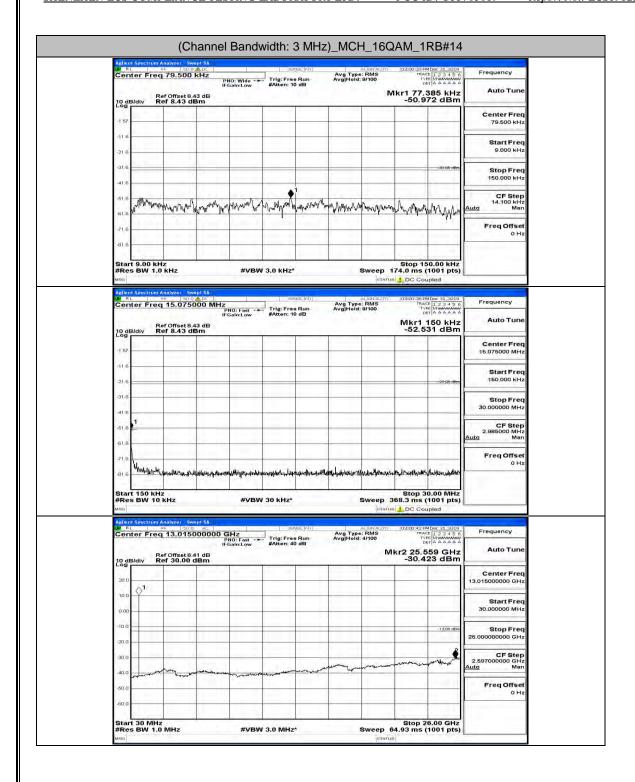


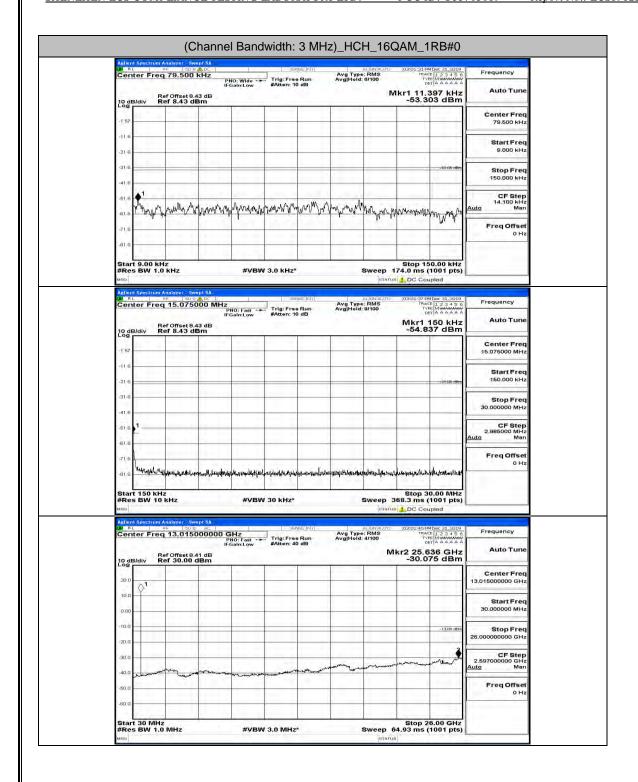


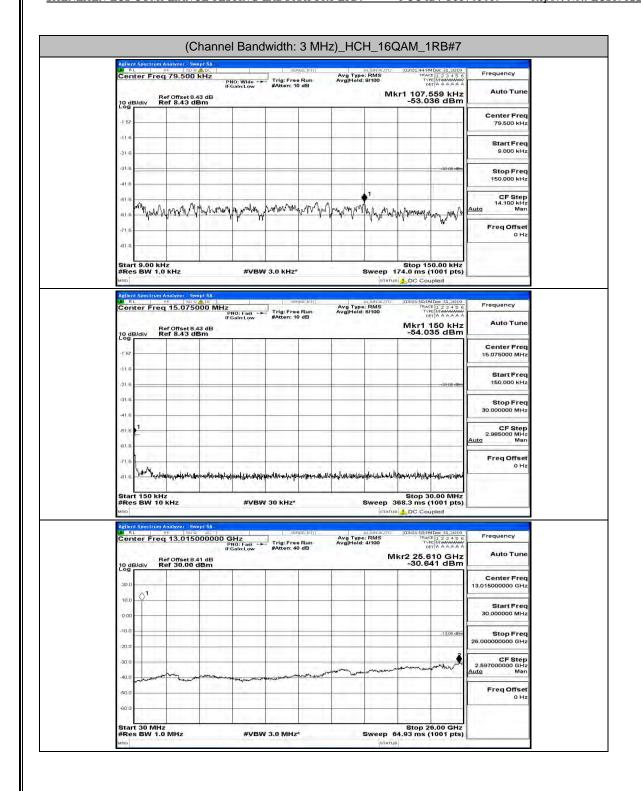


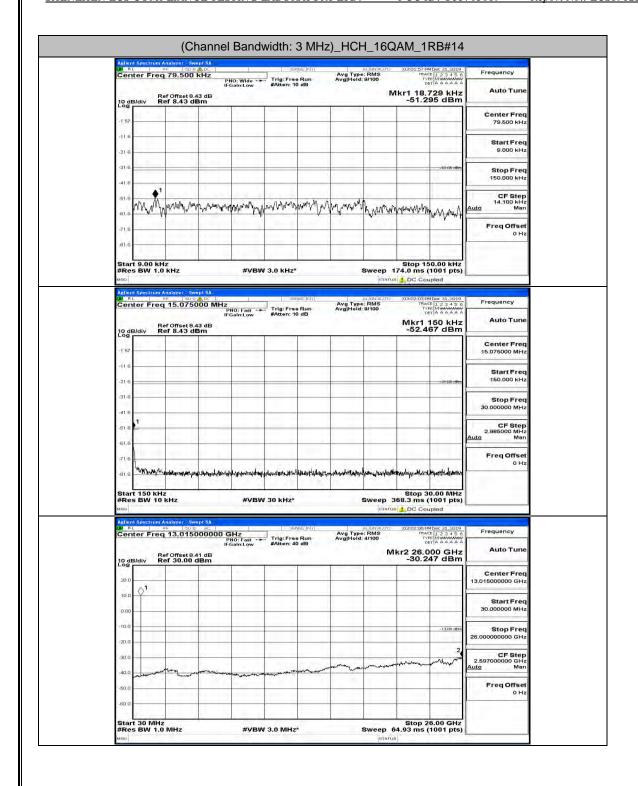












Channel Bandwidth: 5 MHz

