

Appendix J: Test Data for E-UTRA Band 17

Product Name: Tablet PC

Trade Mark: Bright Life

Test Model: TL21

Environmental Conditions

Temperature:	24.1° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Tom.Liu

J.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	24.58	23.86	PASS
		1	12	25.01	24.44	PASS
		1	24	24.58	23.94	PASS
		12	0	23.86	22.97	PASS
		12	6	23.82	22.92	PASS
		12	13	23.81	22.94	PASS
		25	0	23.80	22.86	PASS
	MCH	1	0	24.58	23.61	PASS
		1	12	24.96	23.76	PASS
		1	24	24.62	23.27	PASS
		12	0	23.51	22.53	PASS
		12	6	23.61	22.61	PASS
		12	13	23.56	22.53	PASS
		25	0	23.58	22.57	PASS
	HCH	1	0	24.49	23.38	PASS
		1	12	24.77	23.62	PASS
		1	24	24.24	23.30	PASS
		12	0	23.56	22.50	PASS
		12	6	23.52	22.44	PASS
		12	13	23.26	22.23	PASS

		25	0	23.38	22.47	PASS
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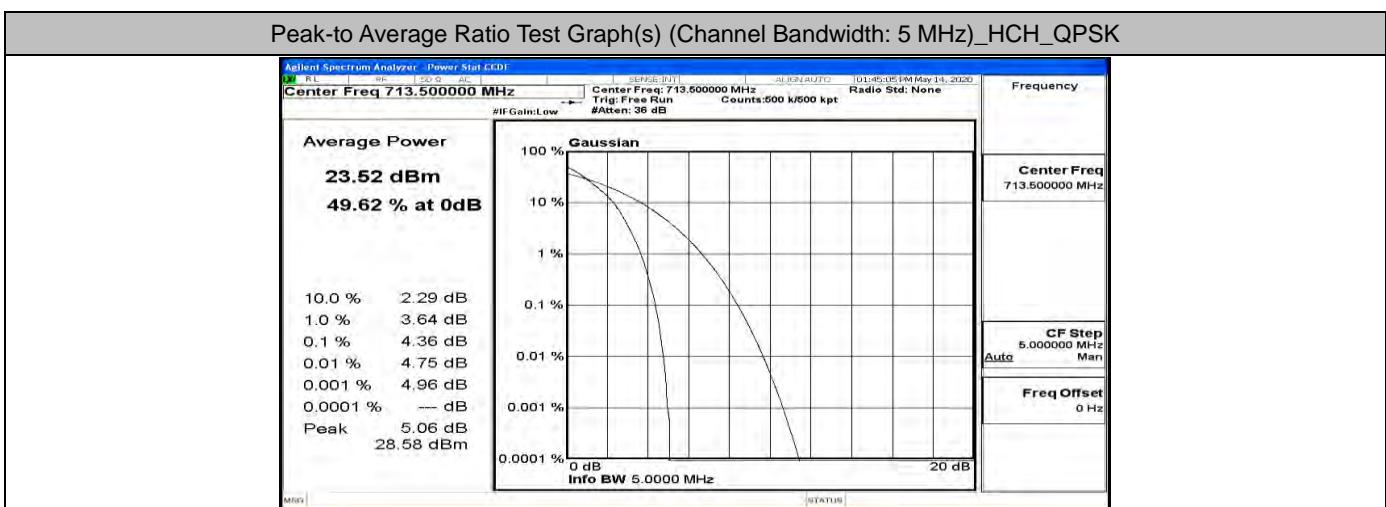
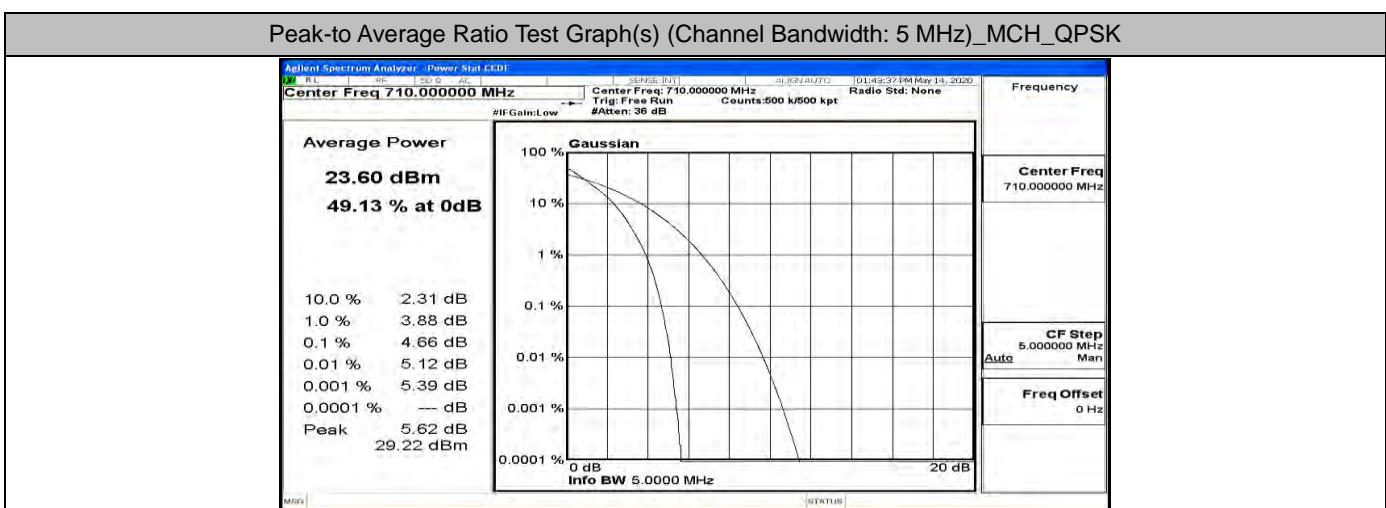
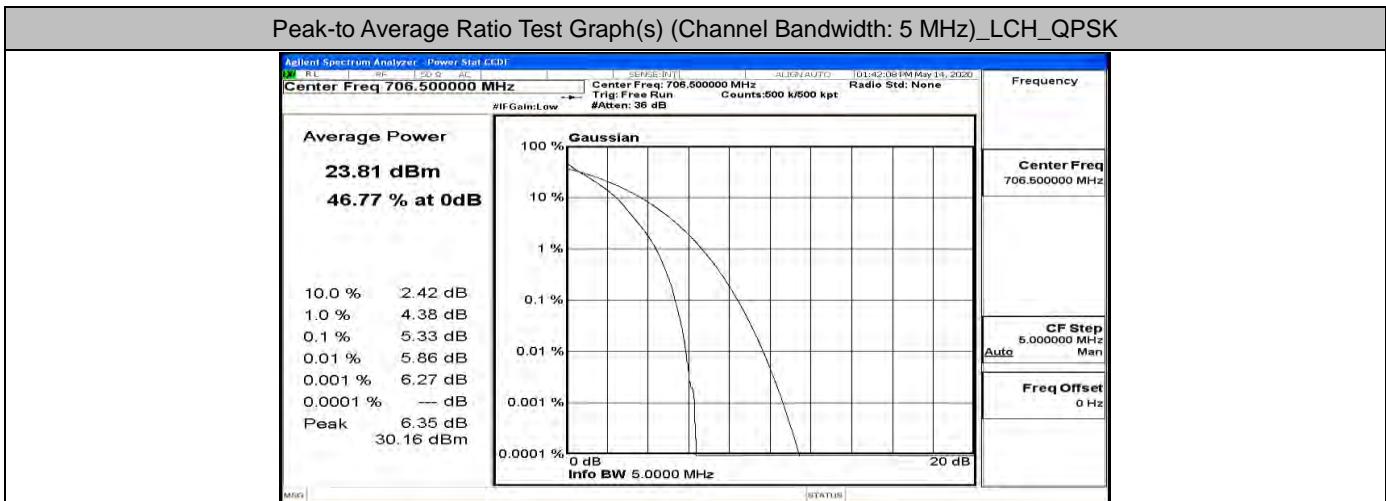
Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	24.54	23.79	PASS
		1	24	24.74	23.99	PASS
		1	49	24.46	23.50	PASS
		25	0	23.72	22.74	PASS
		25	12	23.62	22.65	PASS
		25	25	23.54	22.50	PASS
		50	0	23.57	22.61	PASS
	MCH	1	0	24.59	23.84	PASS
		1	24	24.66	23.86	PASS
		1	49	24.35	23.47	PASS
		25	0	23.56	22.58	PASS
		25	12	23.59	22.54	PASS
		25	25	23.30	22.29	PASS
		50	0	23.41	22.44	PASS
	HCH	1	0	24.58	24.01	PASS
		1	24	24.76	23.86	PASS
		1	49	24.36	23.62	PASS
		25	0	23.43	22.46	PASS
		25	12	23.50	22.48	PASS
		25	25	23.19	22.17	PASS
		50	0	23.31	22.29	PASS

J.2 Peak-to-Average Ratio

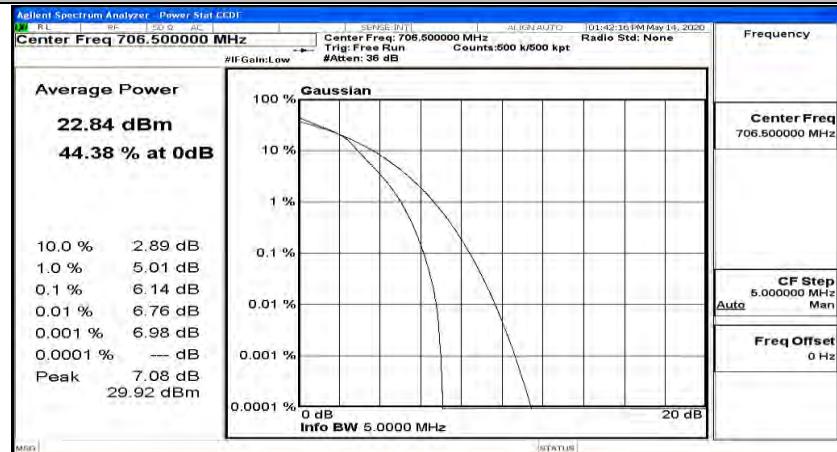
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.33	<13	PASS
	MCH	4.66	<13	PASS
	HCH	4.36	<13	PASS
16QAM	LCH	6.14	<13	PASS
	MCH	5.5	<13	PASS
	HCH	5.1	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)

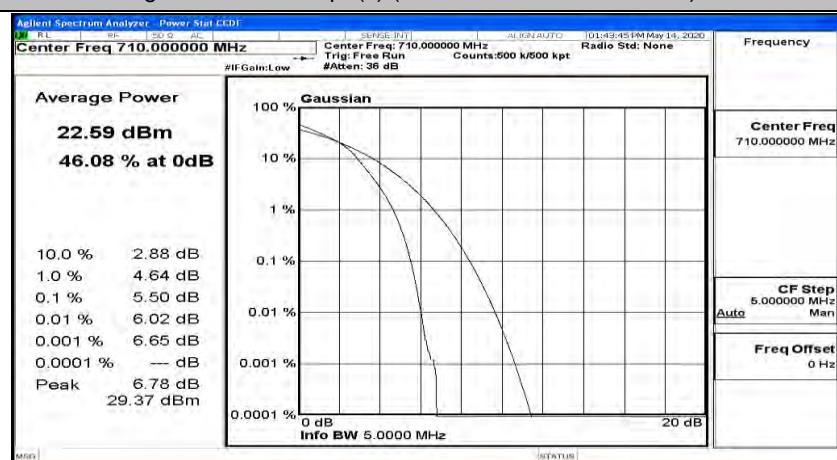
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.89	<13	PASS
	MCH	4.88	<13	PASS
	HCH	4.94	<13	PASS
16QAM	LCH	5.7	<13	PASS
	MCH	5.66	<13	PASS
	HCH	5.68	<13	PASS



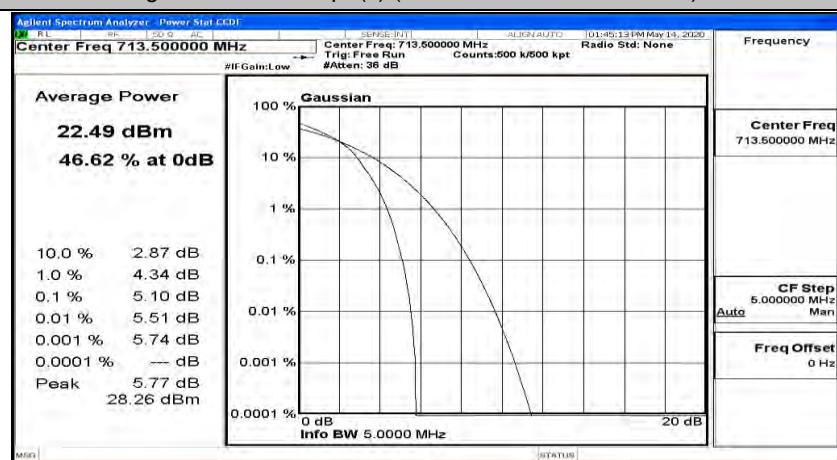
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



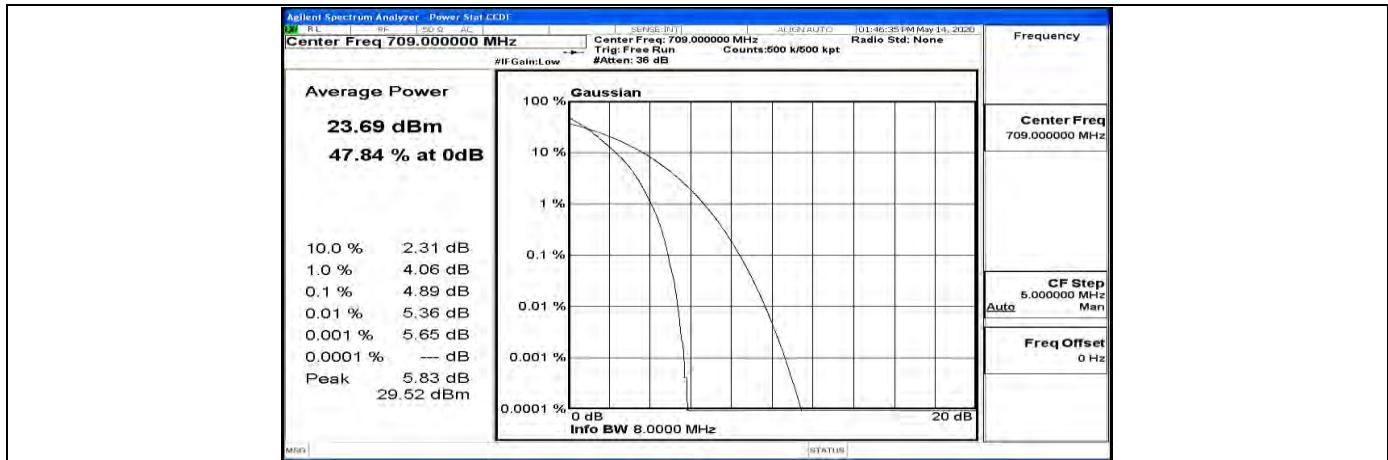
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



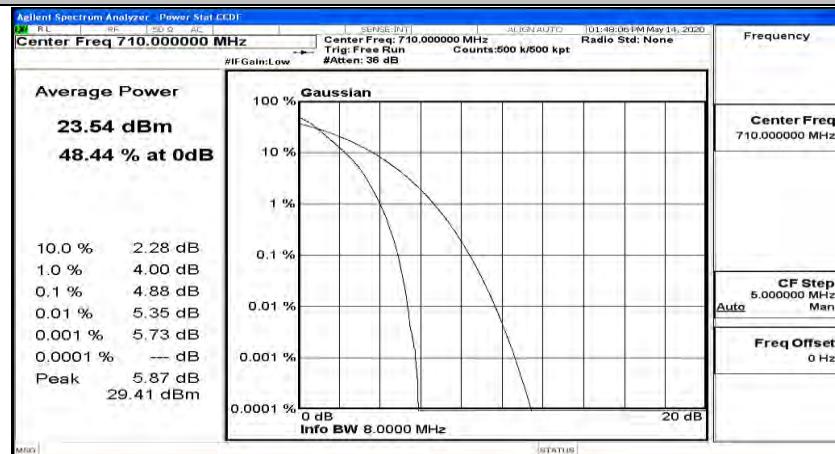
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



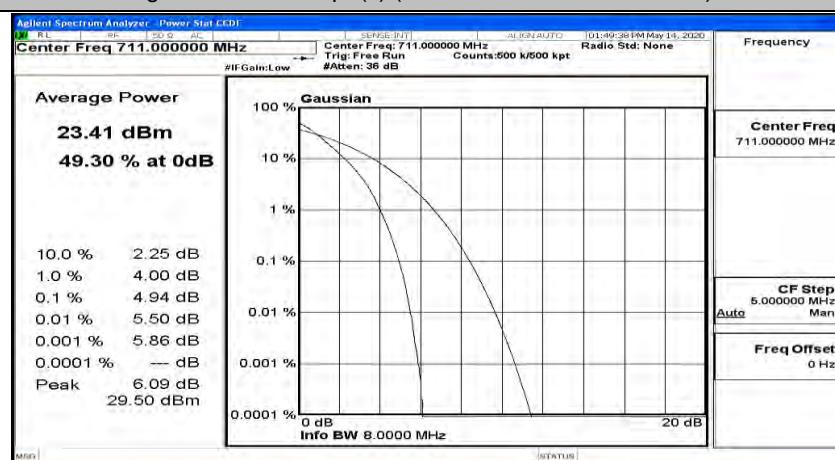
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



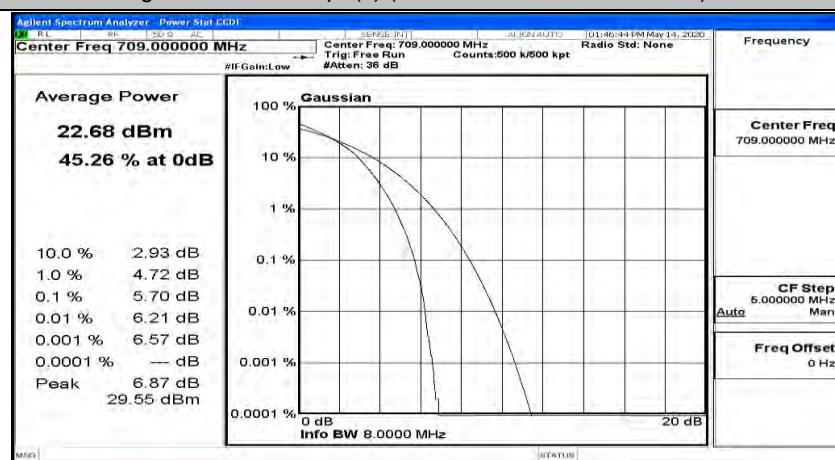
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



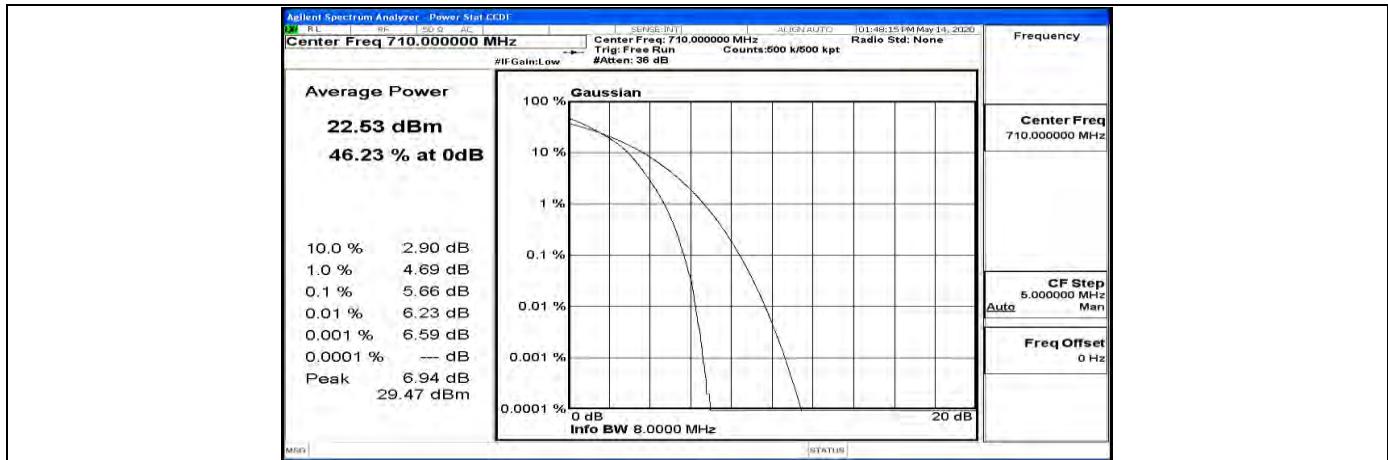
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK

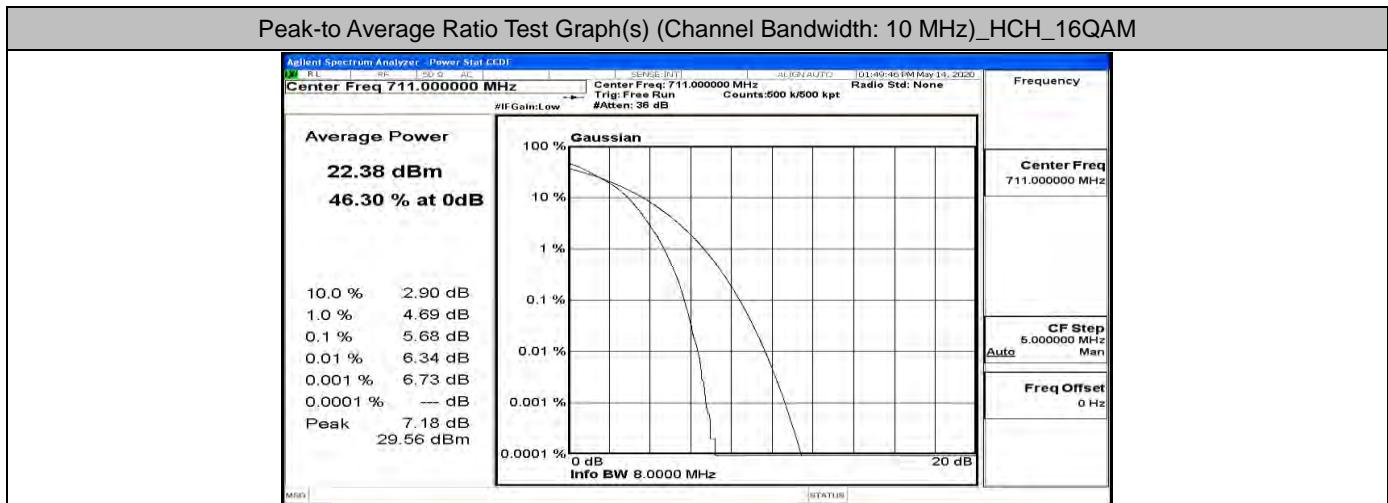


Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



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



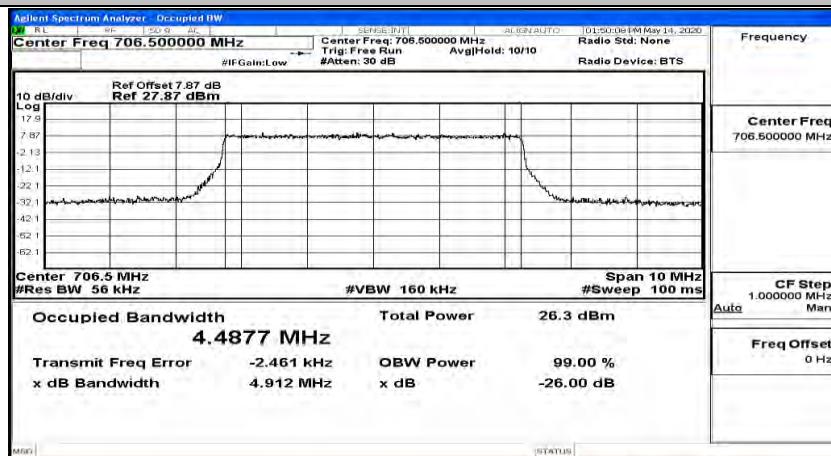


J.3 26dB Bandwidth and Occupied Bandwidth

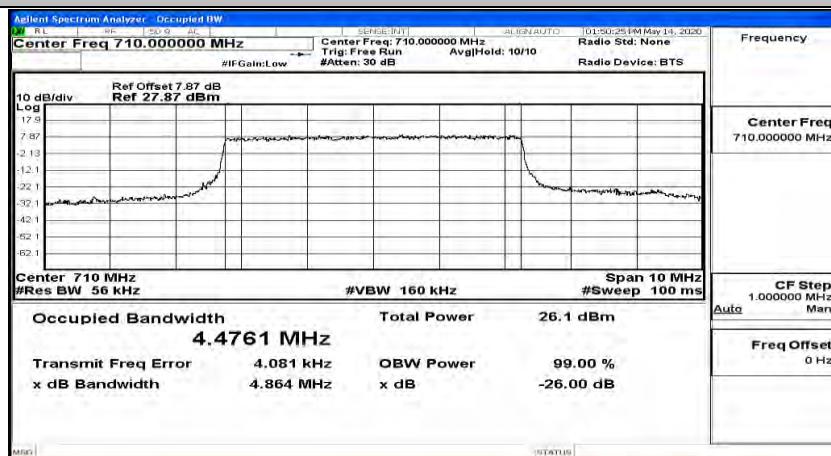
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4877	4.912	PASS
	MCH	4.4761	4.864	PASS
	HCH	4.4864	4.883	PASS
16QAM	LCH	4.4809	4.888	PASS
	MCH	4.4781	4.903	PASS
	HCH	4.4704	4.865	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9333	9.513	PASS
	MCH	8.9297	9.507	PASS
	HCH	8.9134	9.440	PASS
16QAM	LCH	8.9380	9.523	PASS
	MCH	8.9137	9.436	PASS
	HCH	8.9265	9.346	PASS

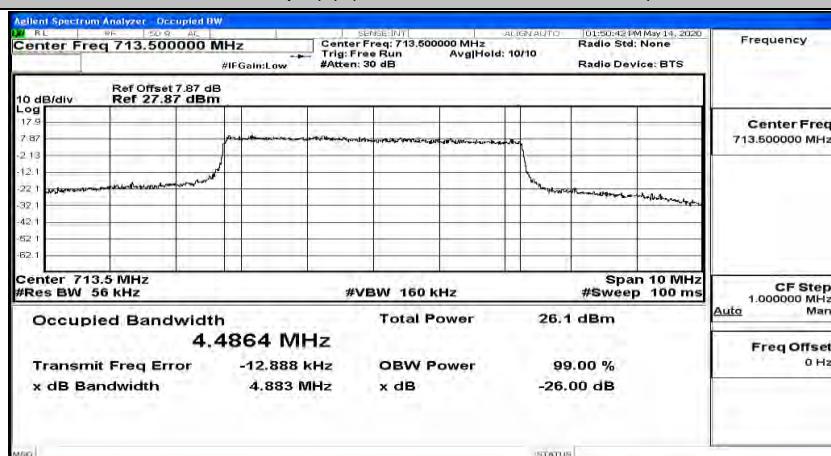
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



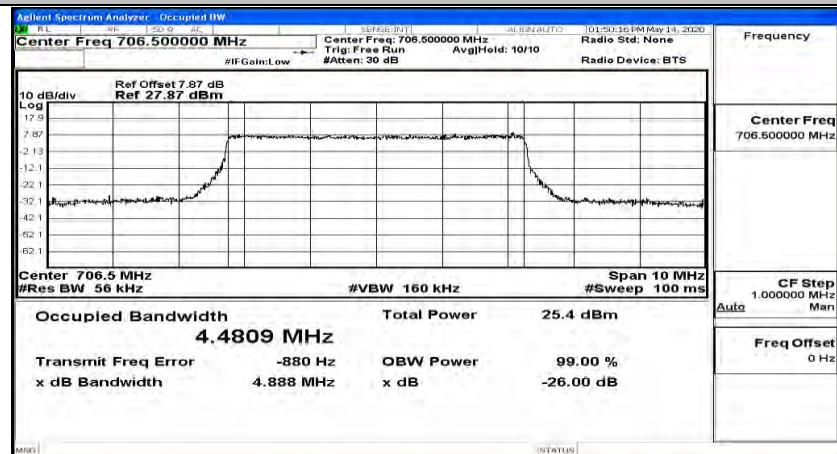
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



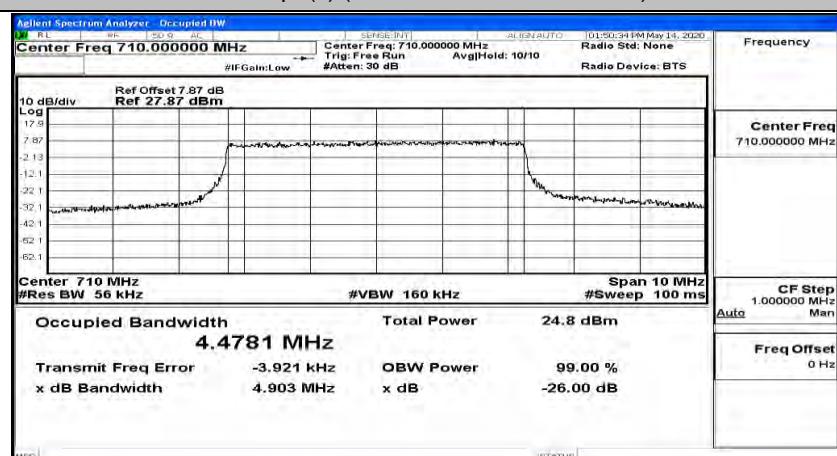
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



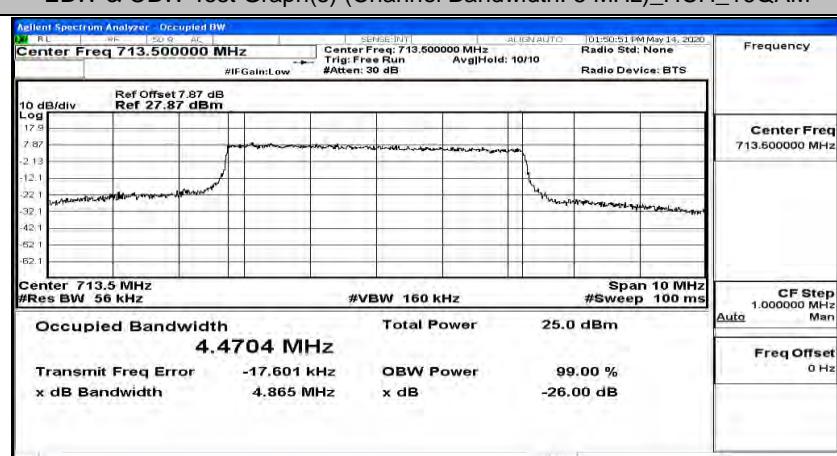
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



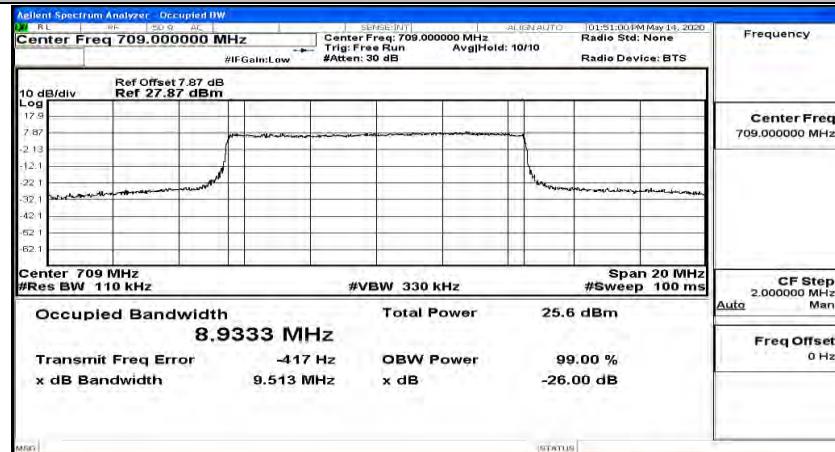
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



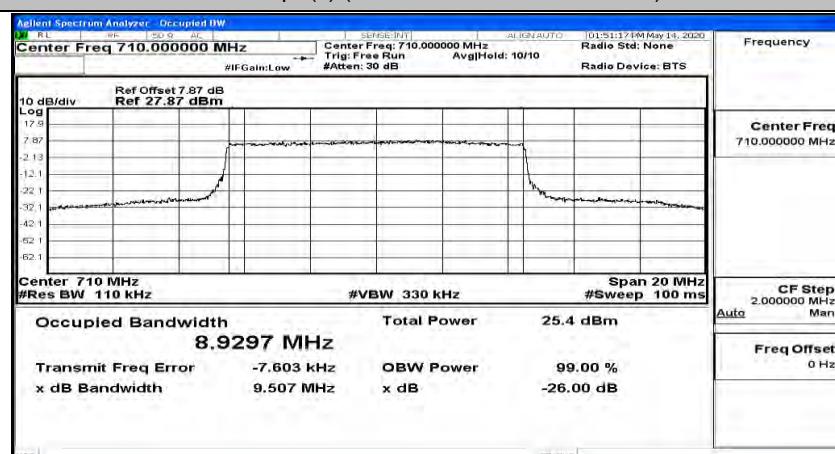
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



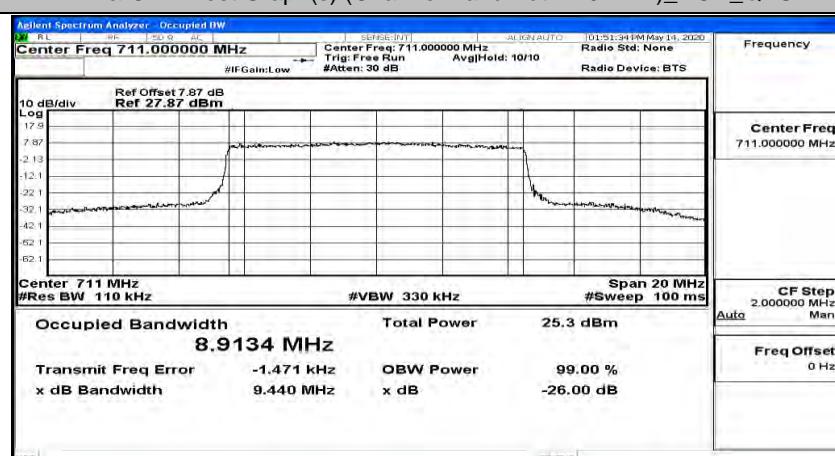
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



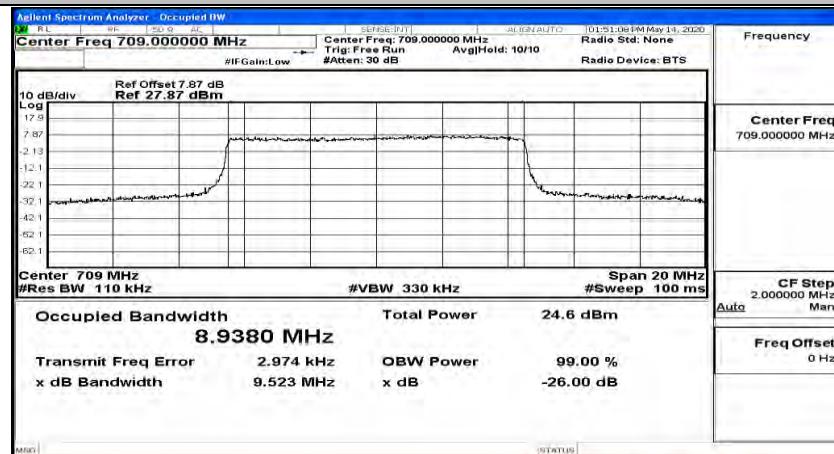
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



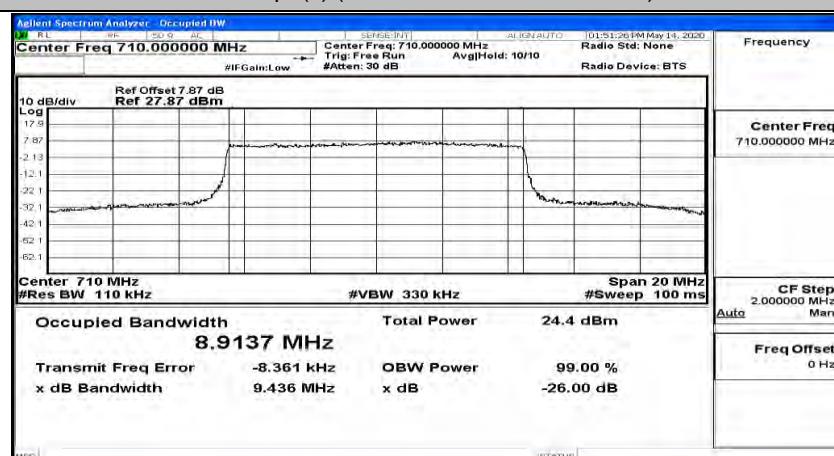
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



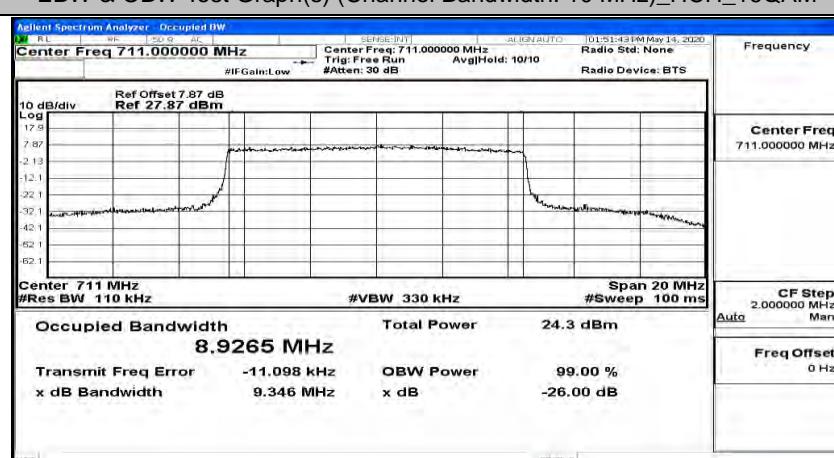
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



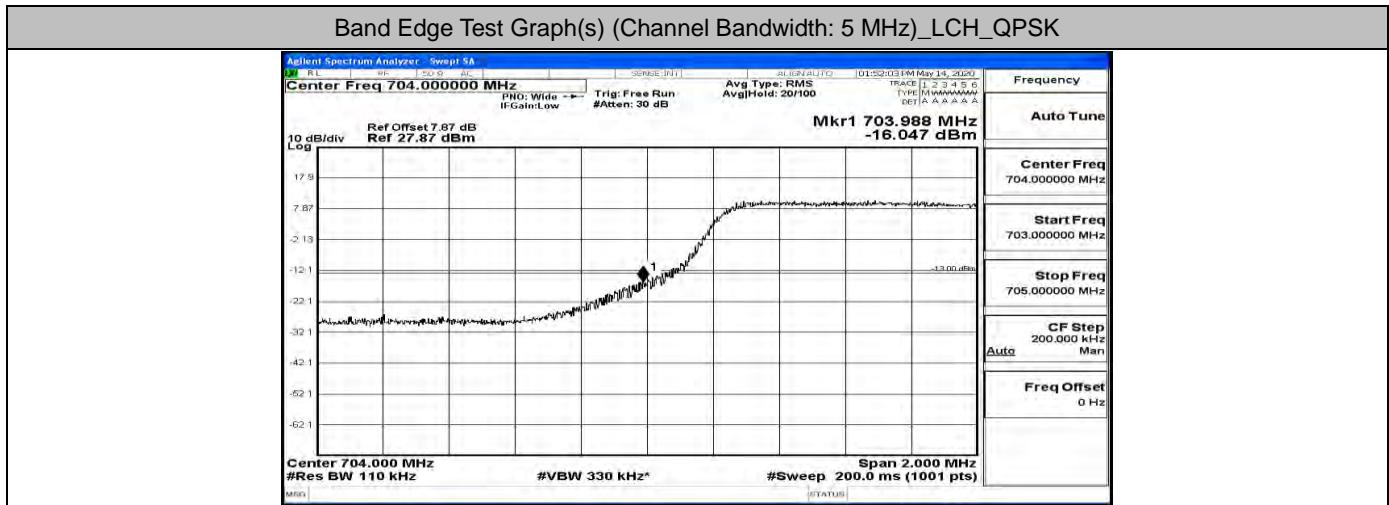
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



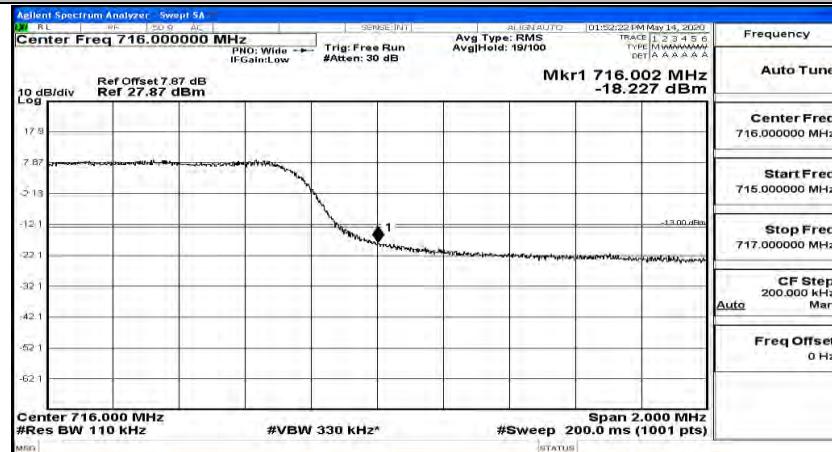
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



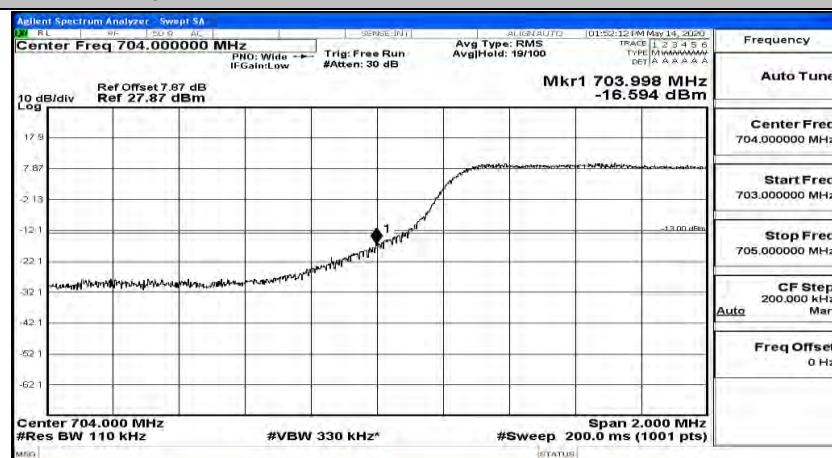
J.4 Band Edge



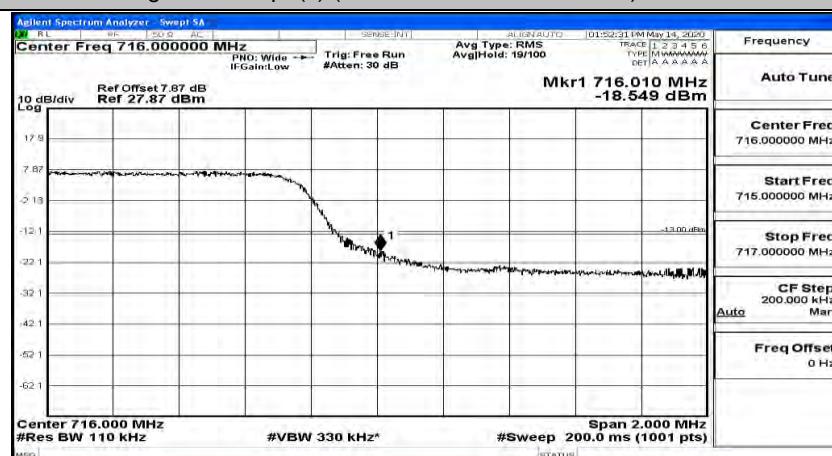
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



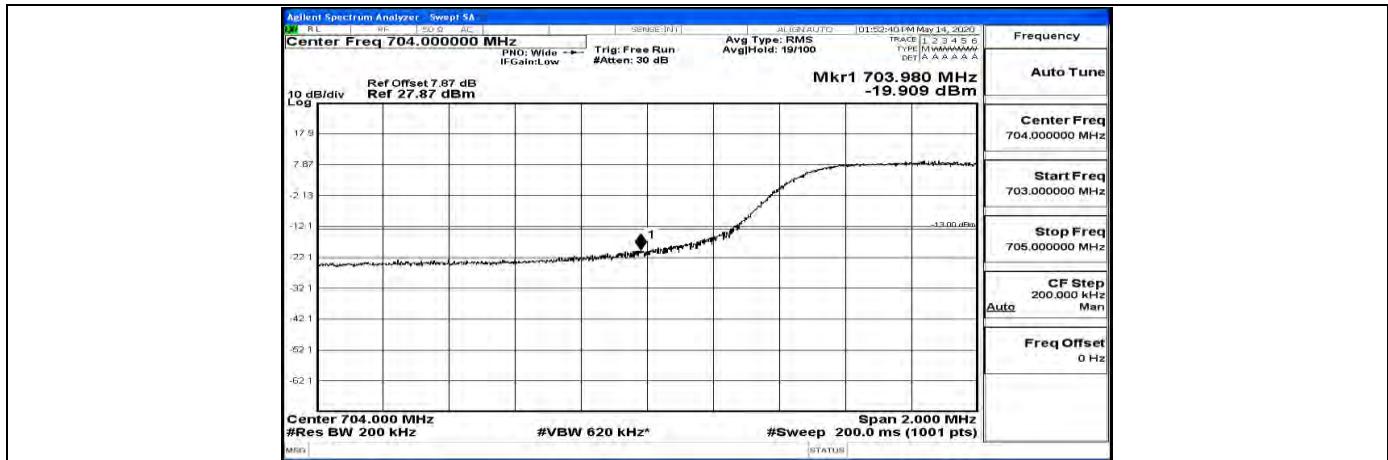
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



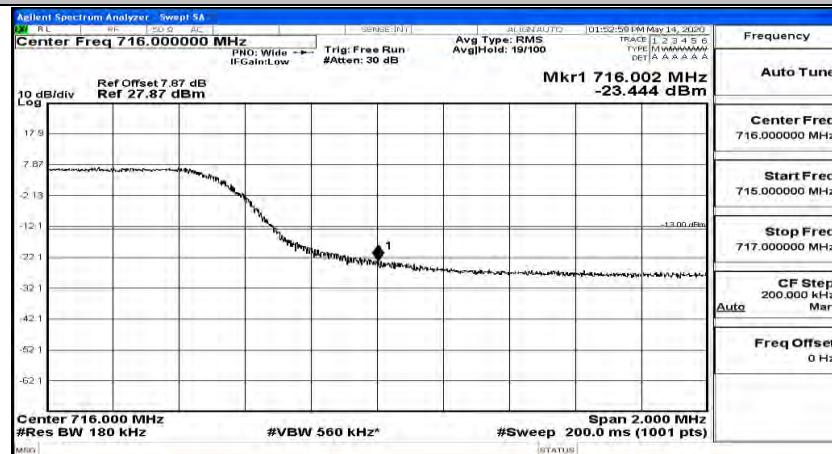
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



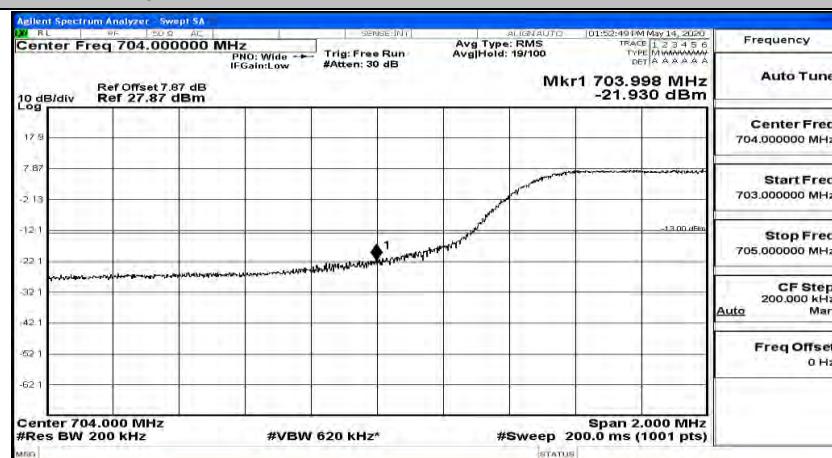
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



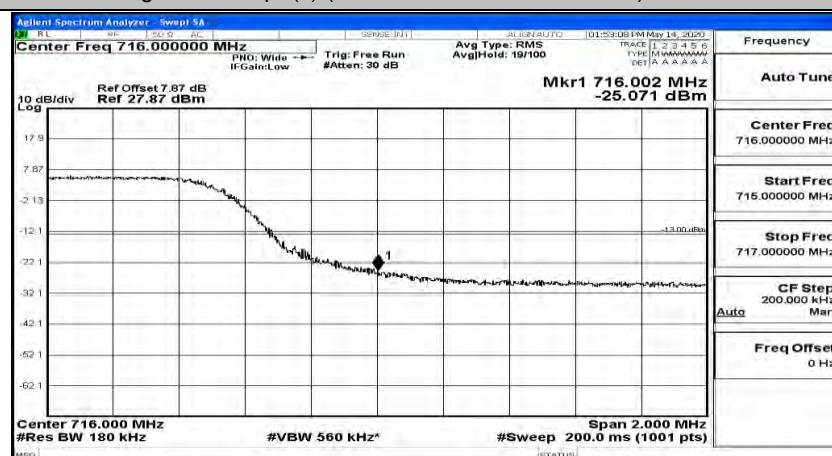
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM

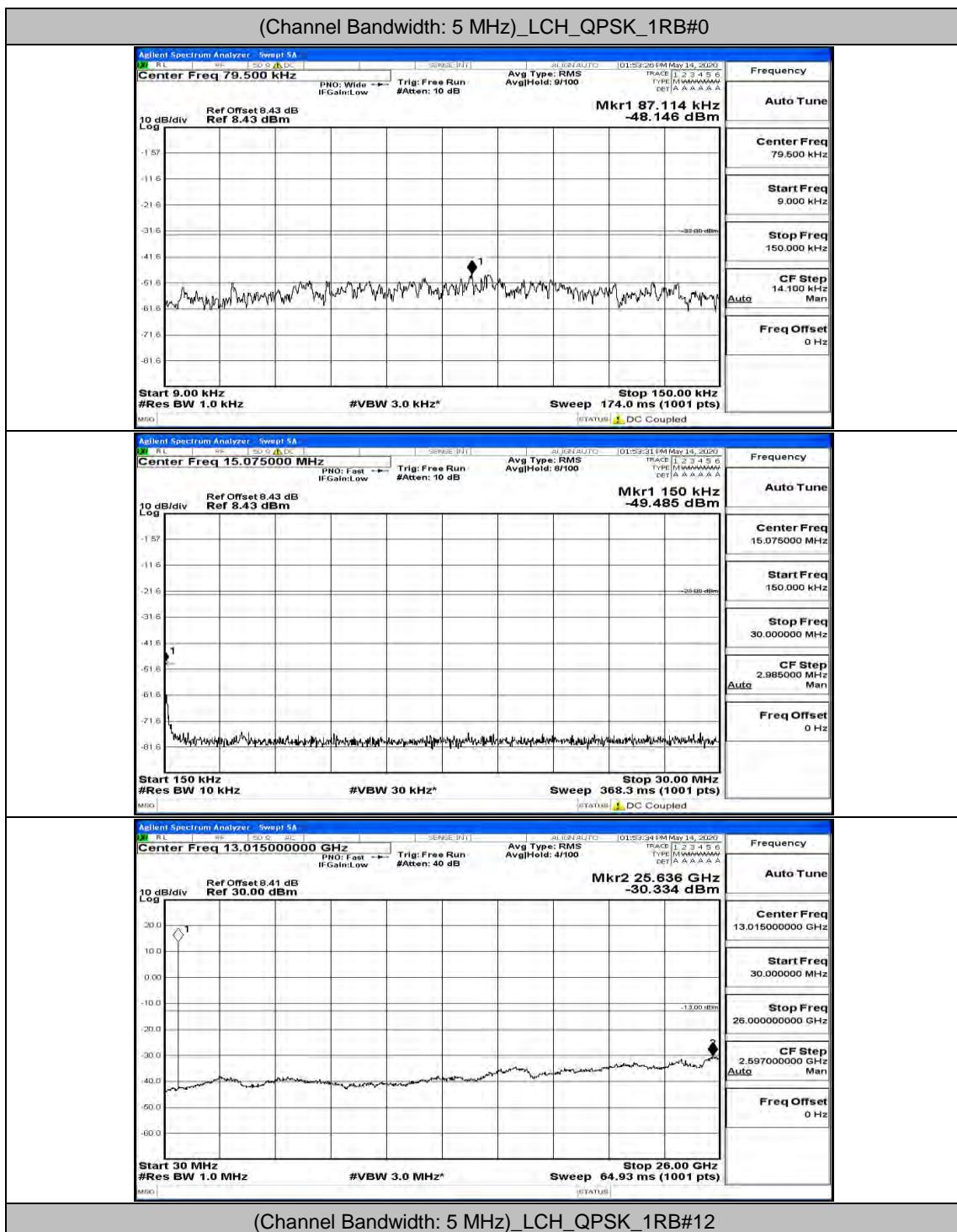


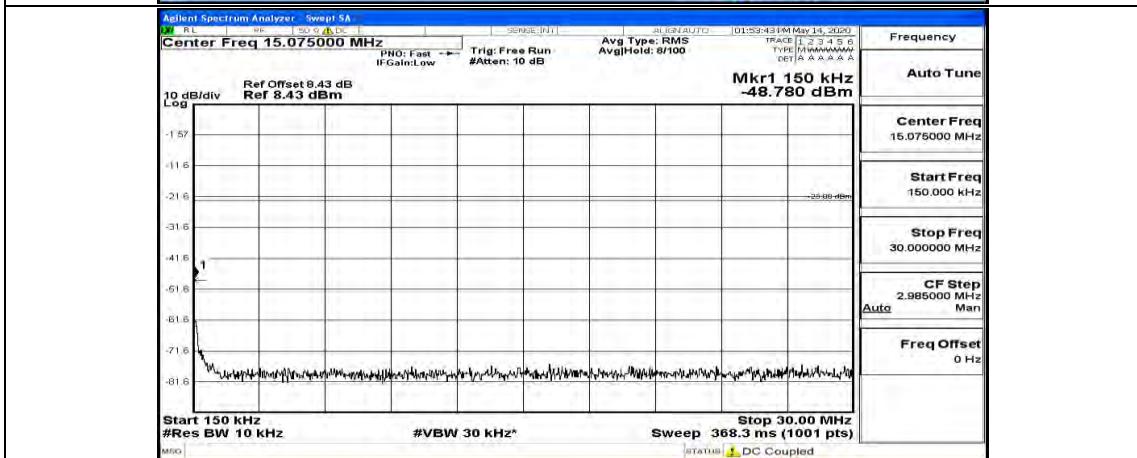
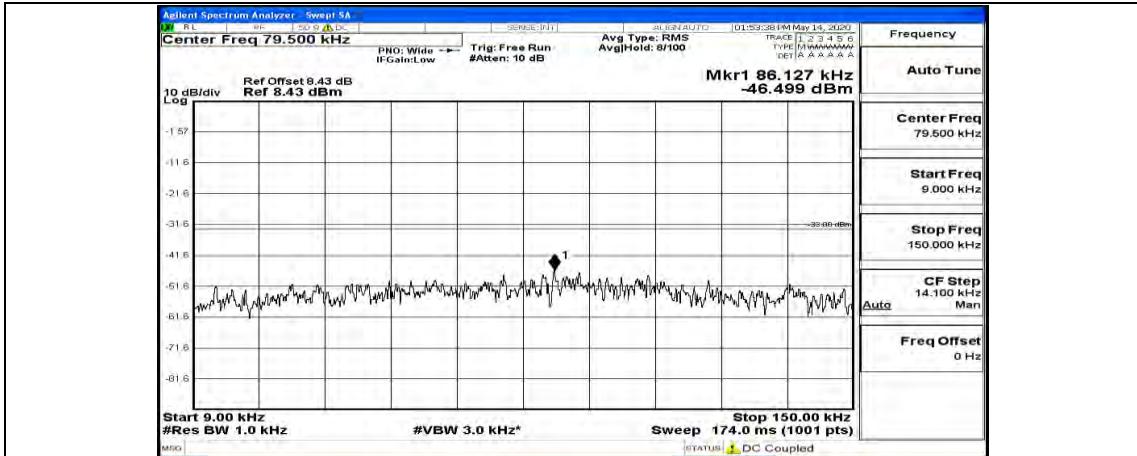
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



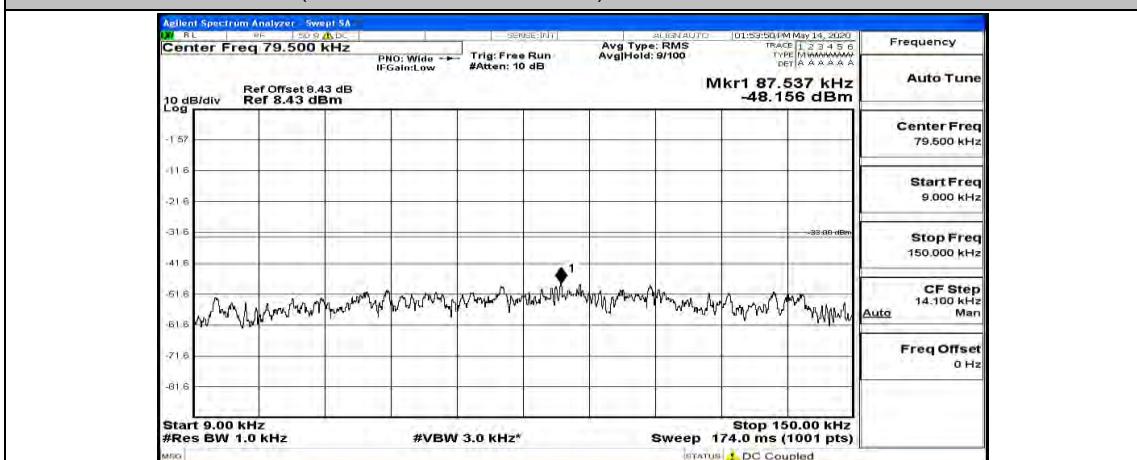
J.5 Conducted Spurious Emission

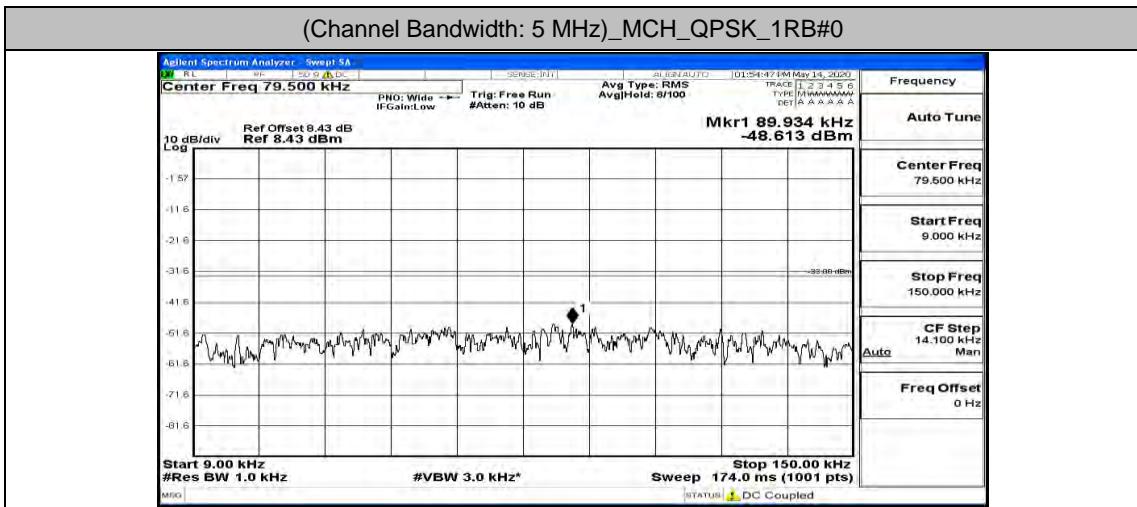
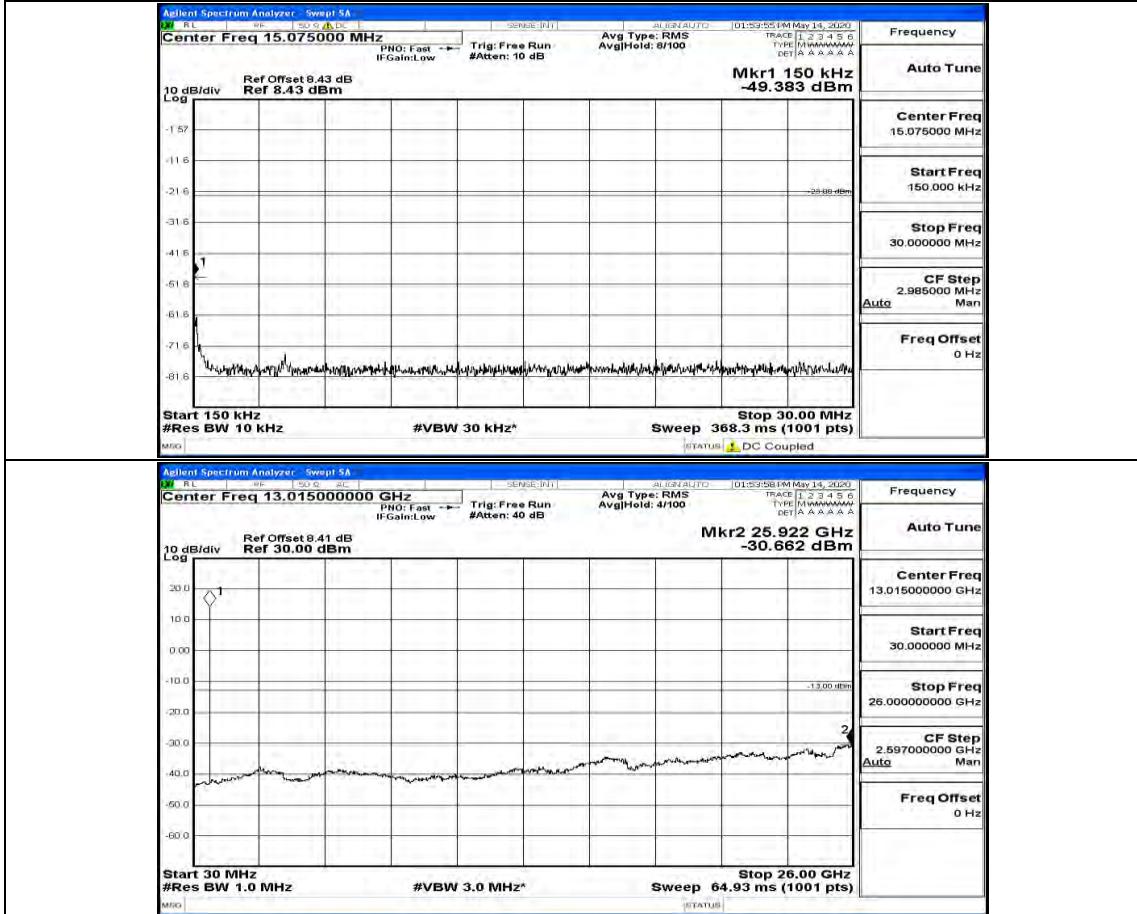
Channel Bandwidth: 5 MHz

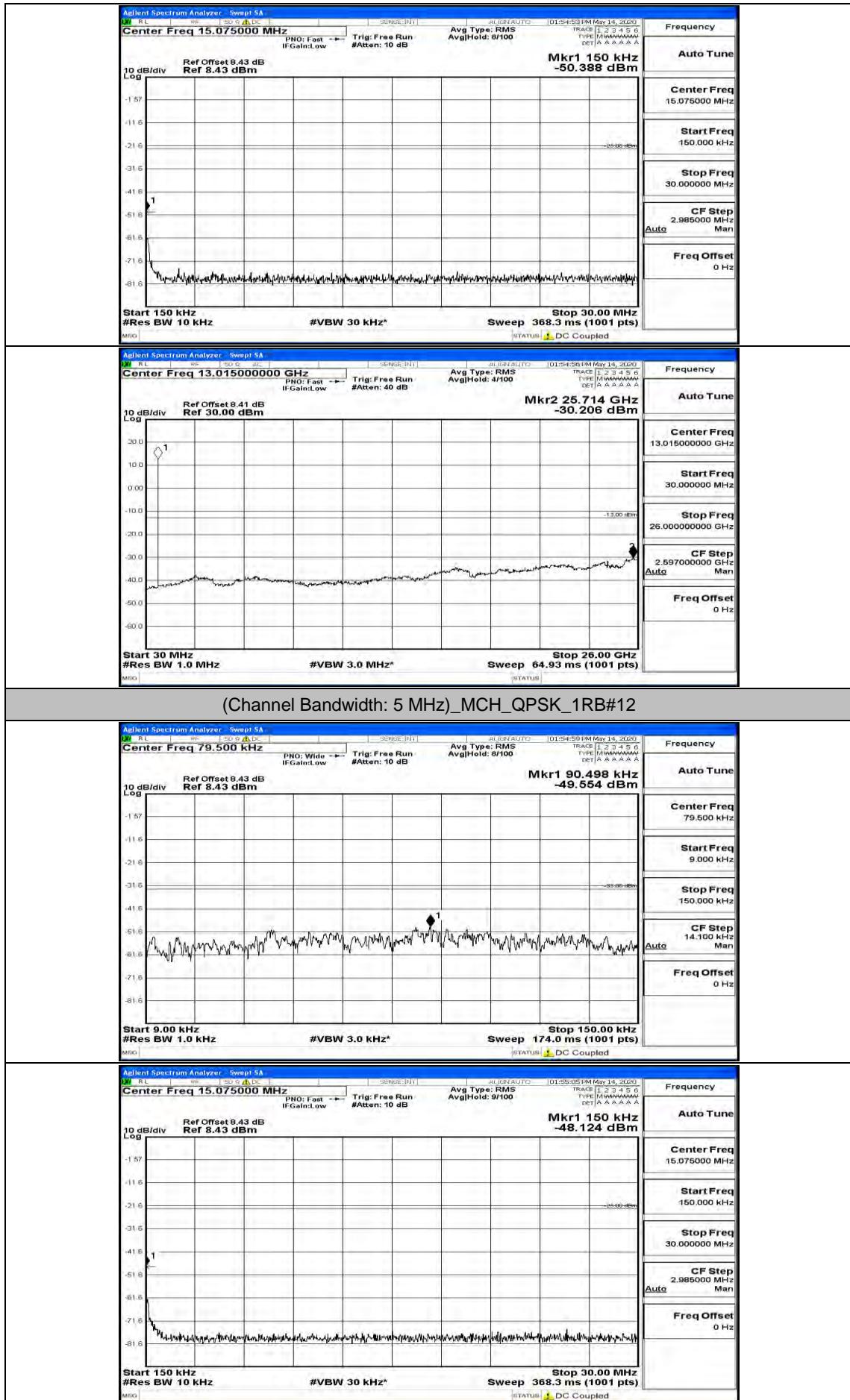




(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

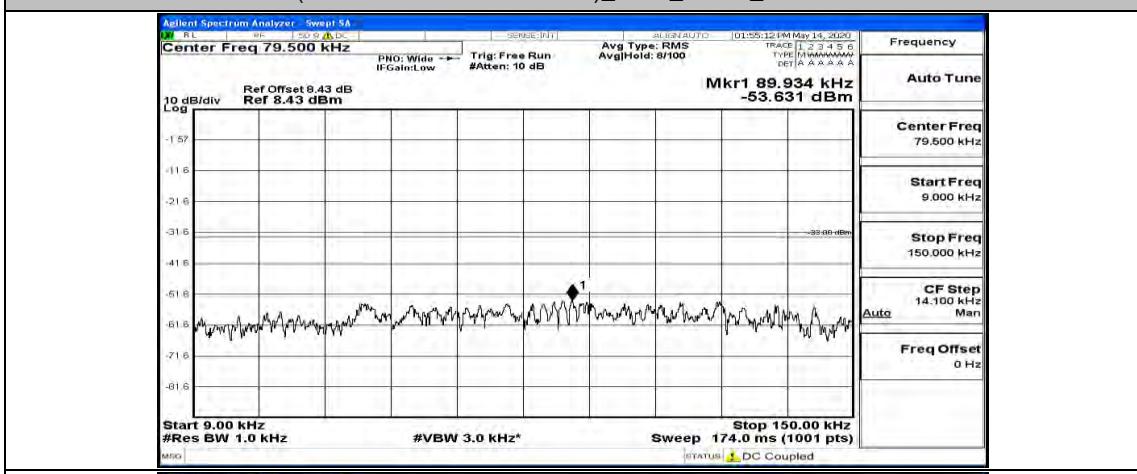




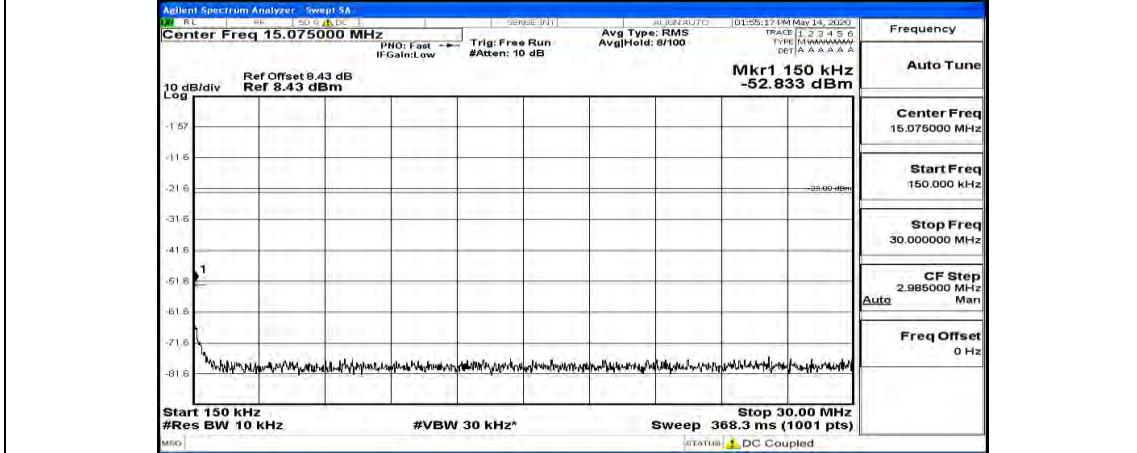




(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24



Start 9.00 kHz #VBW 3.0 kHz* Stop 150.00 kHz
#Res BW 1.0 kHz Sweep 174.0 ms (1000 pts)
MSG STATUS DC Coupled

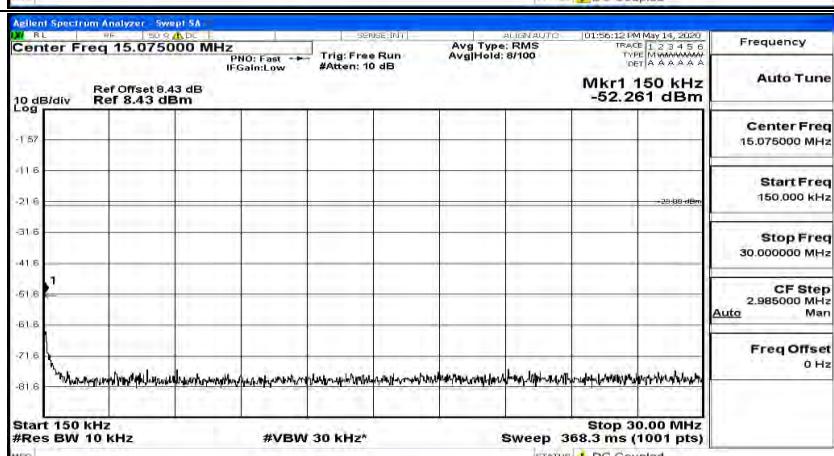
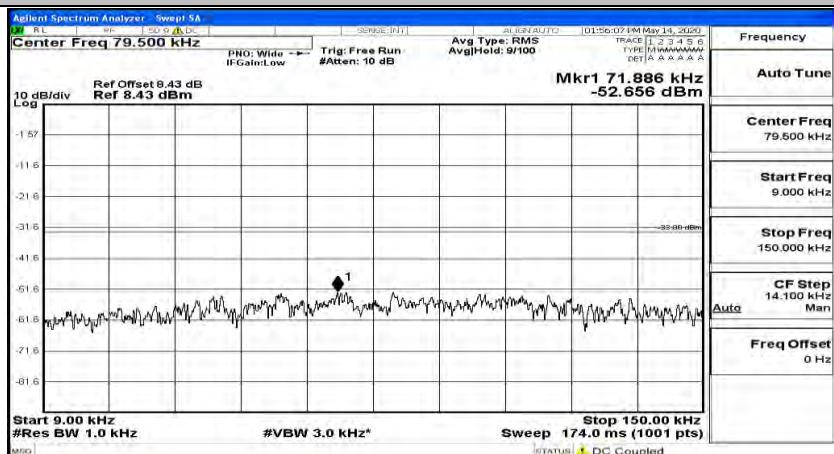


Start 150 kHz #Res BW 10 kHz #VBW 30 kHz* Stop 30.000 MHz Sweep 368.3 ms (1001 pts)

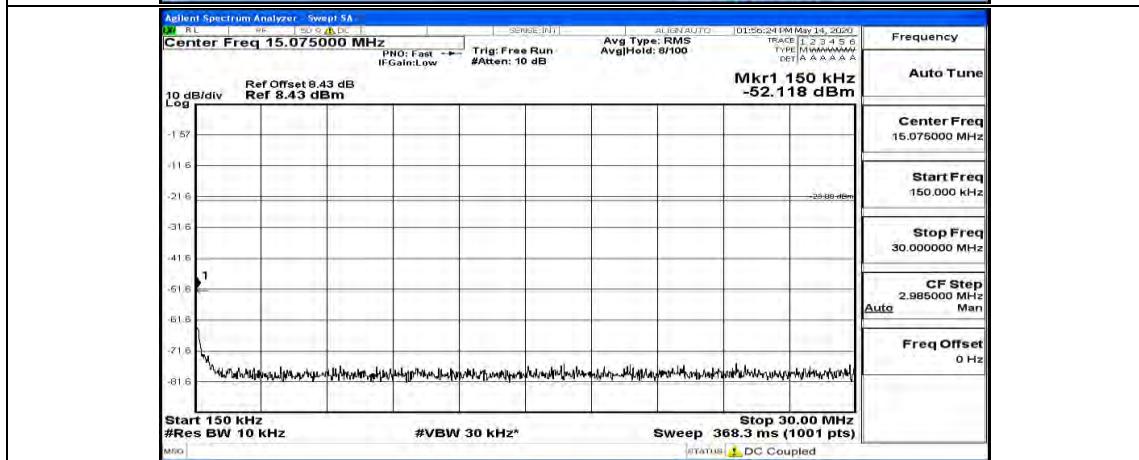
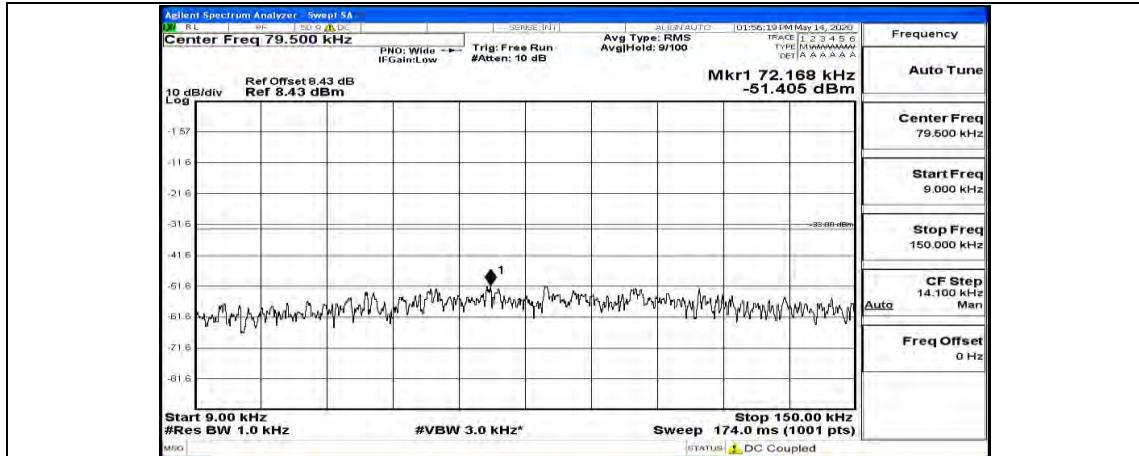


Start 30 MHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts) Stop 26.000 GHz

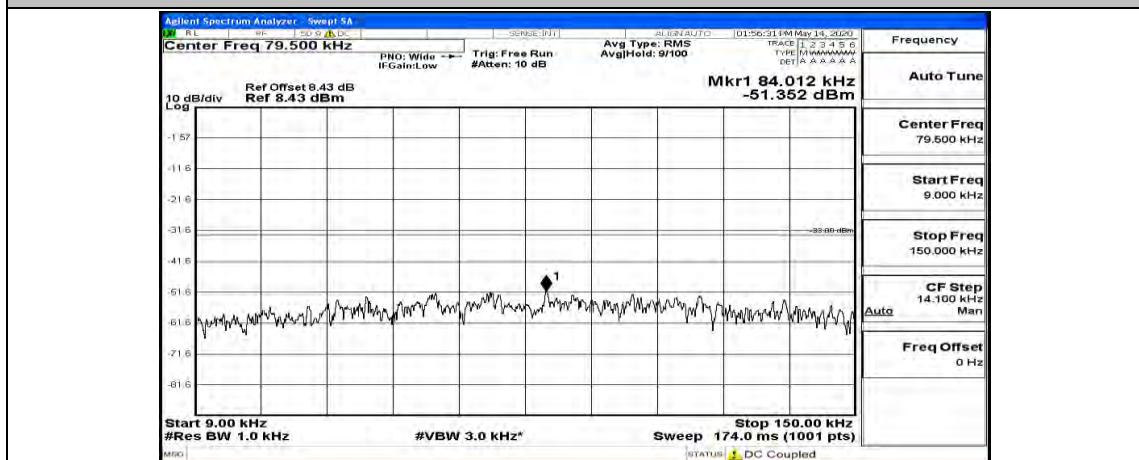
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

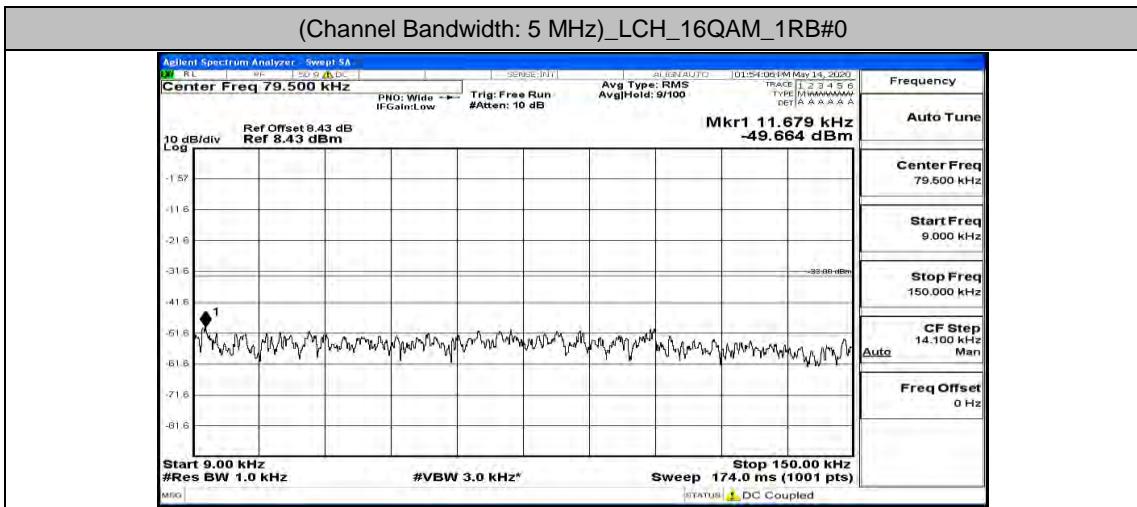
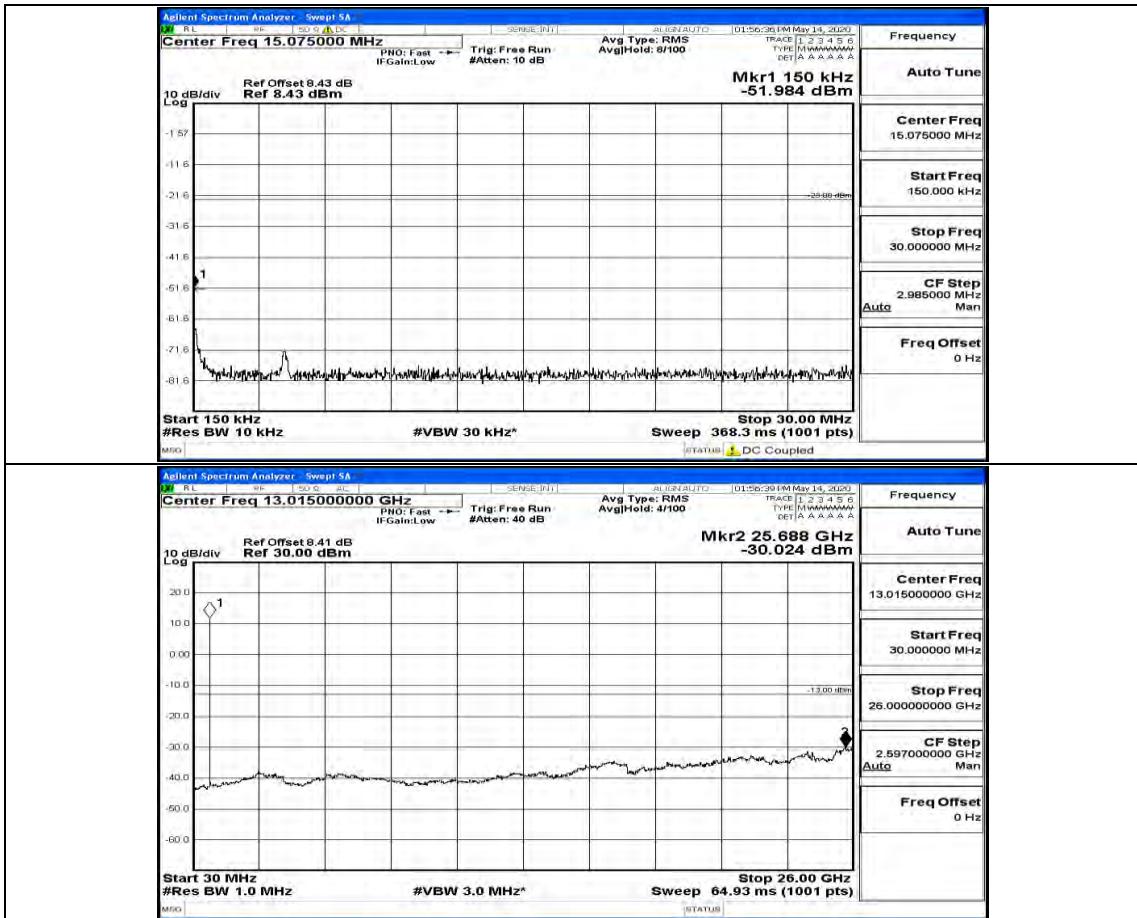


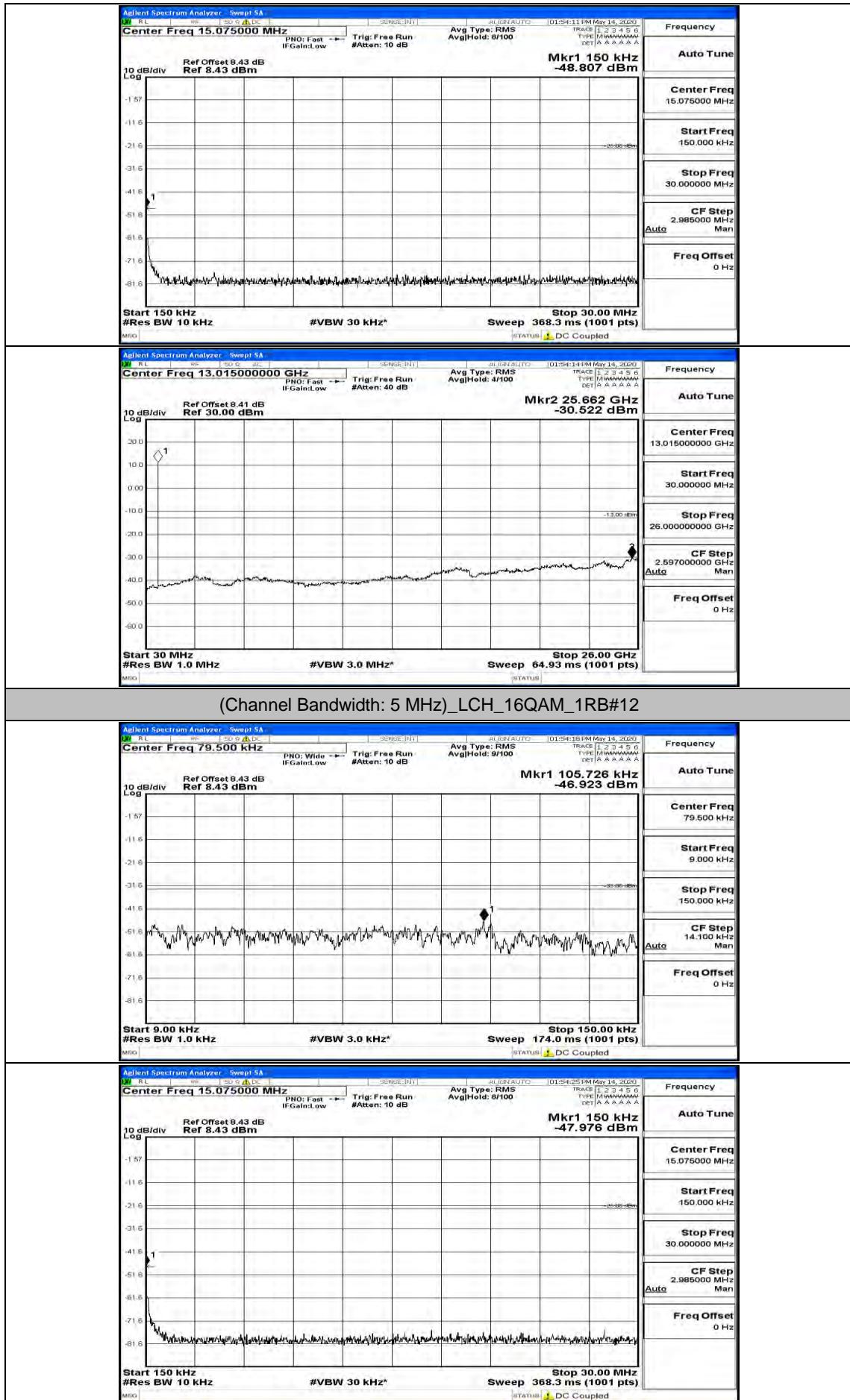
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

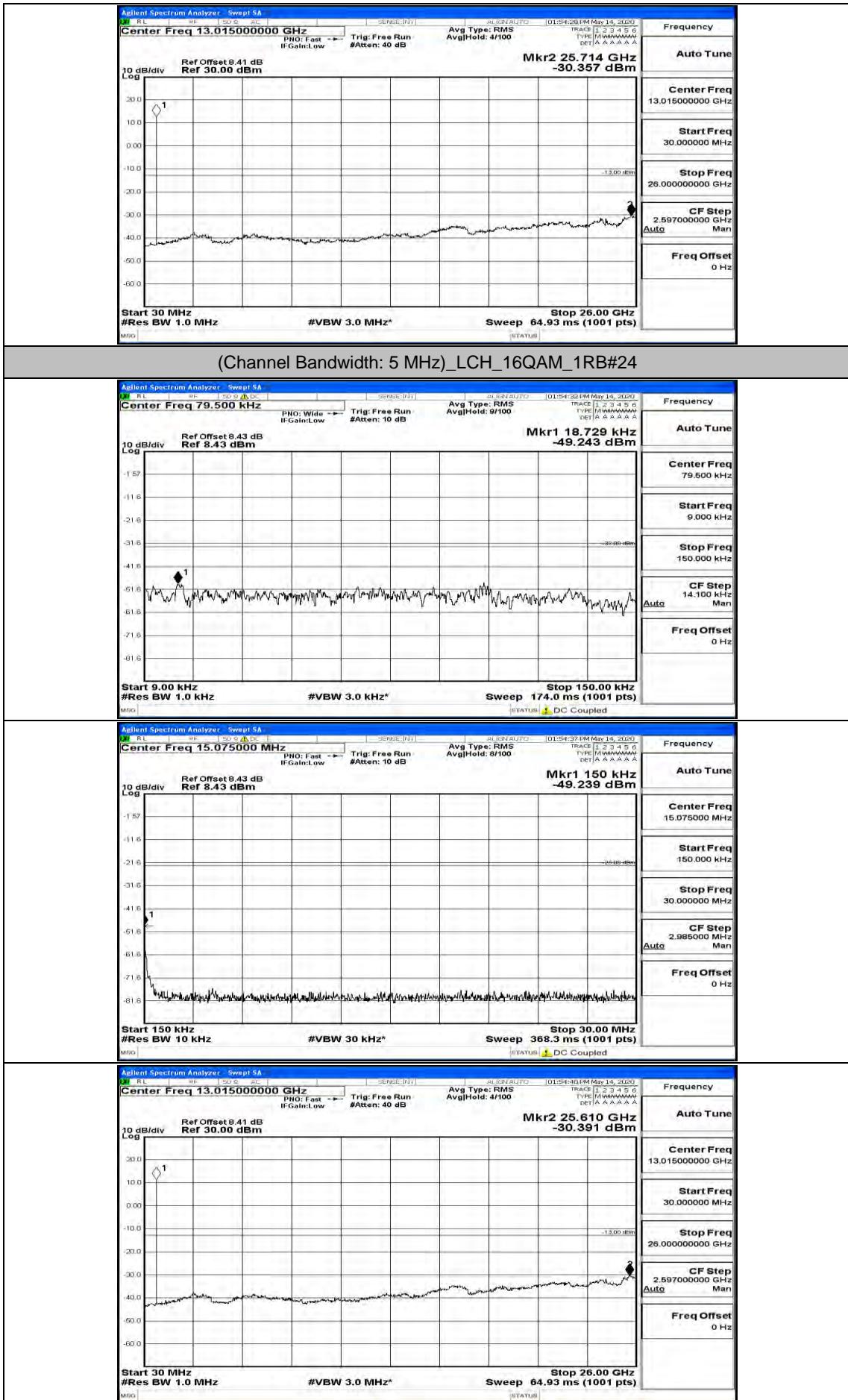


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

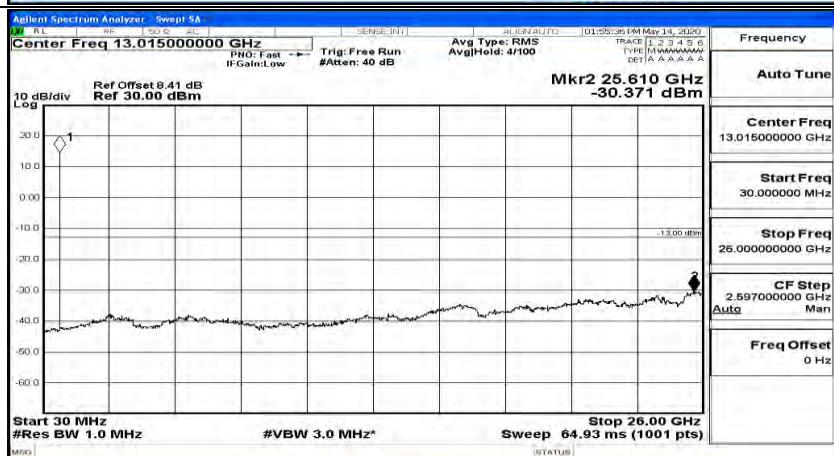
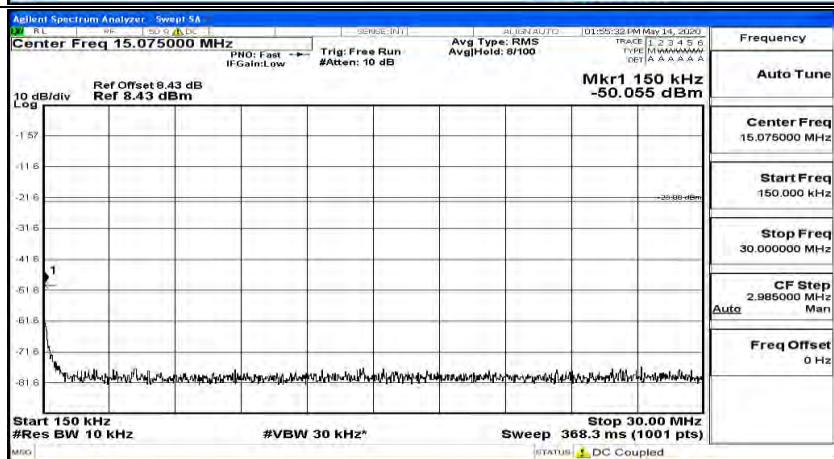
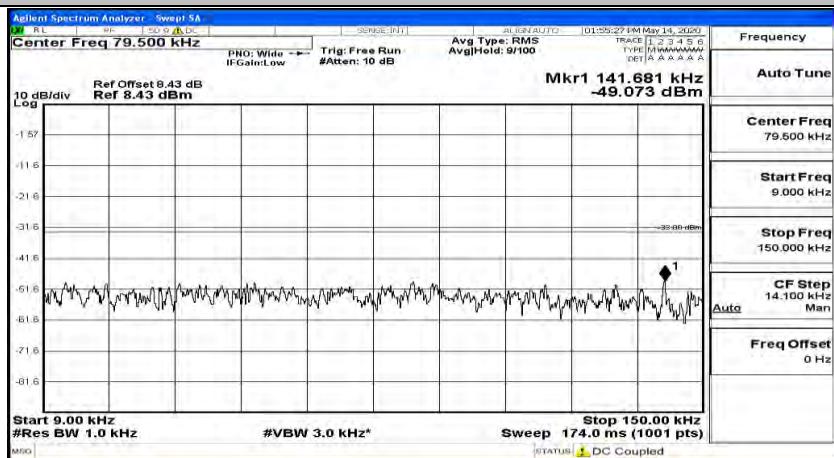




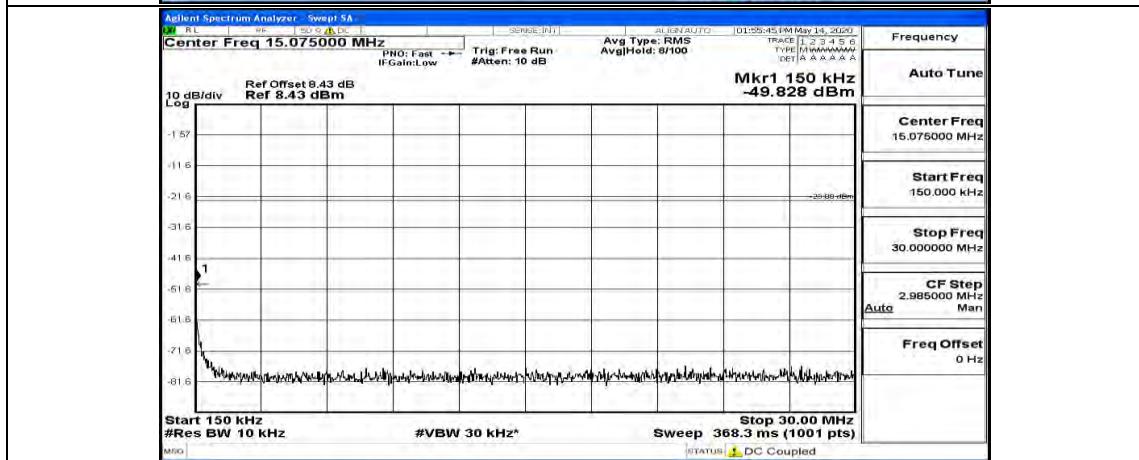




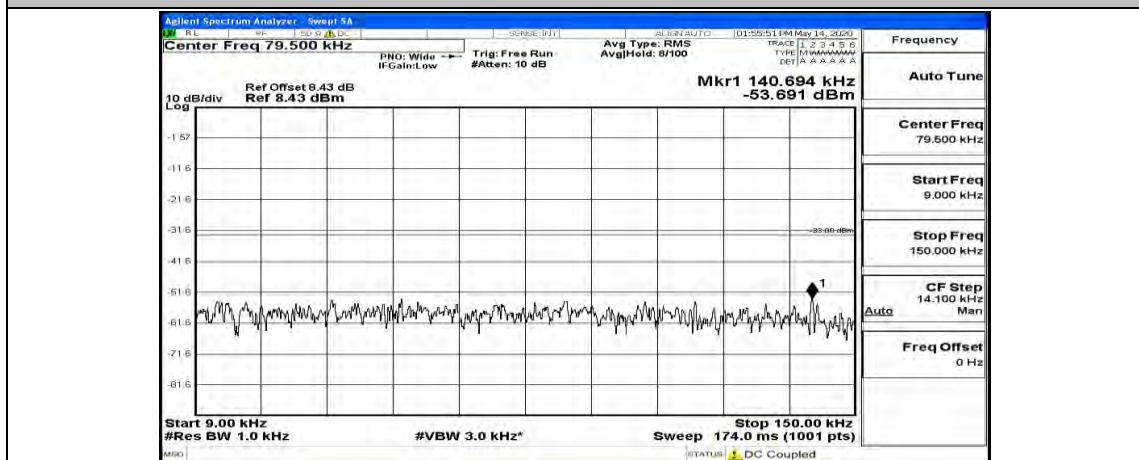
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

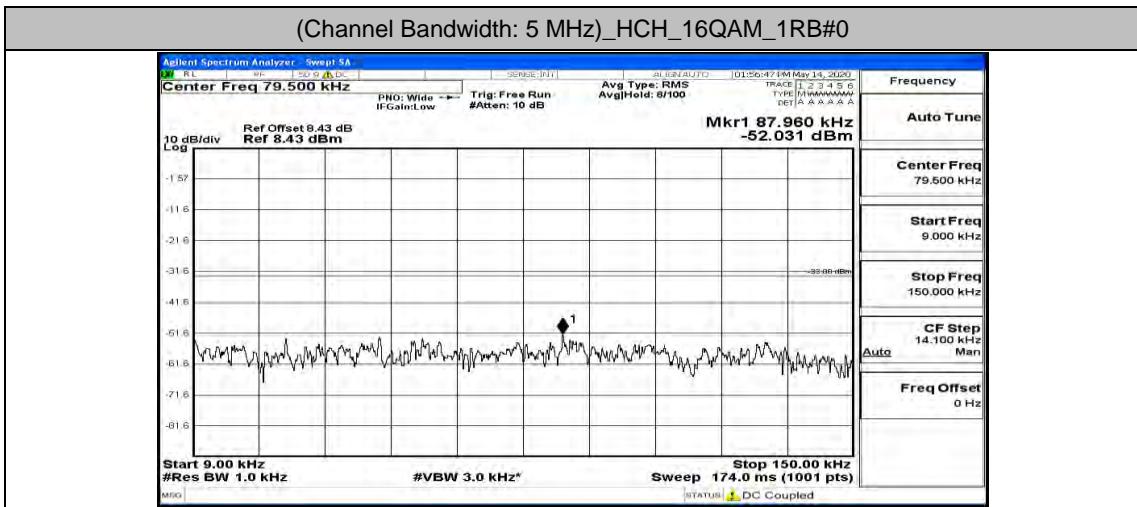
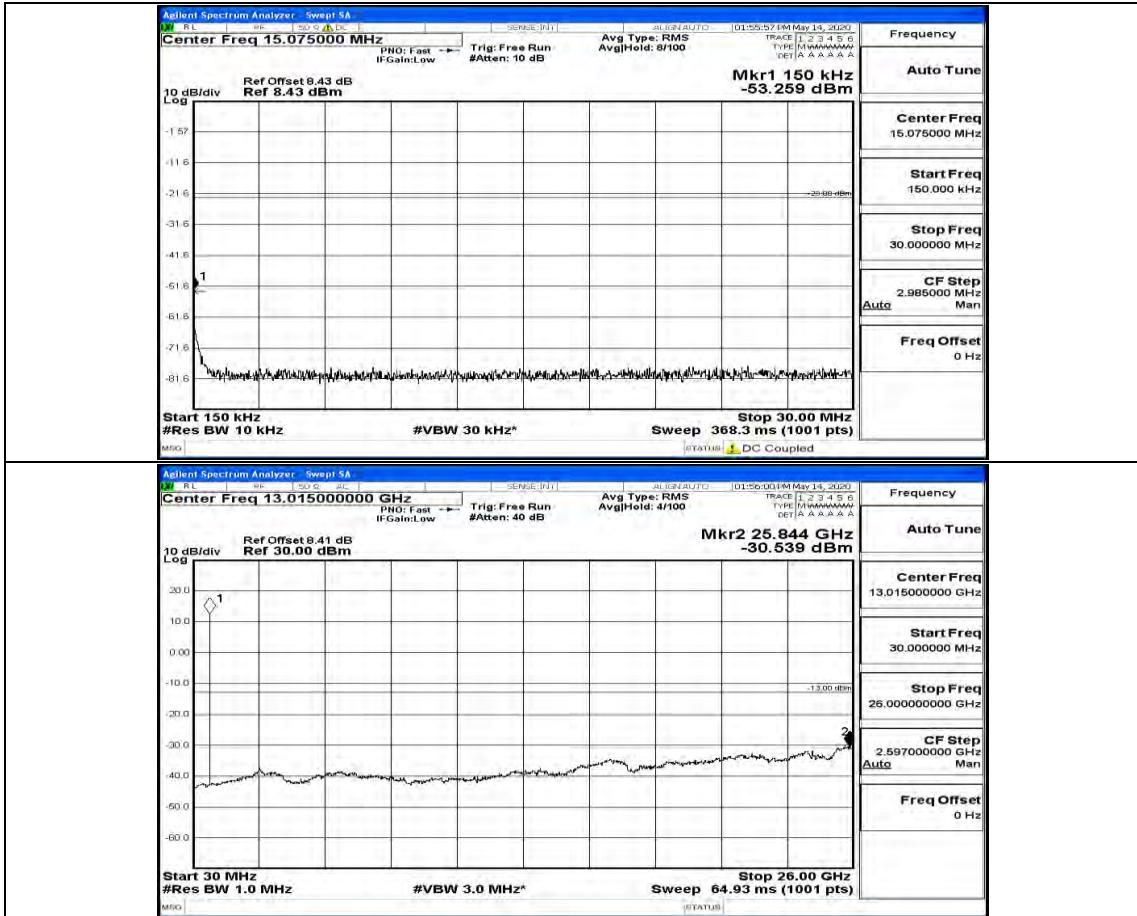


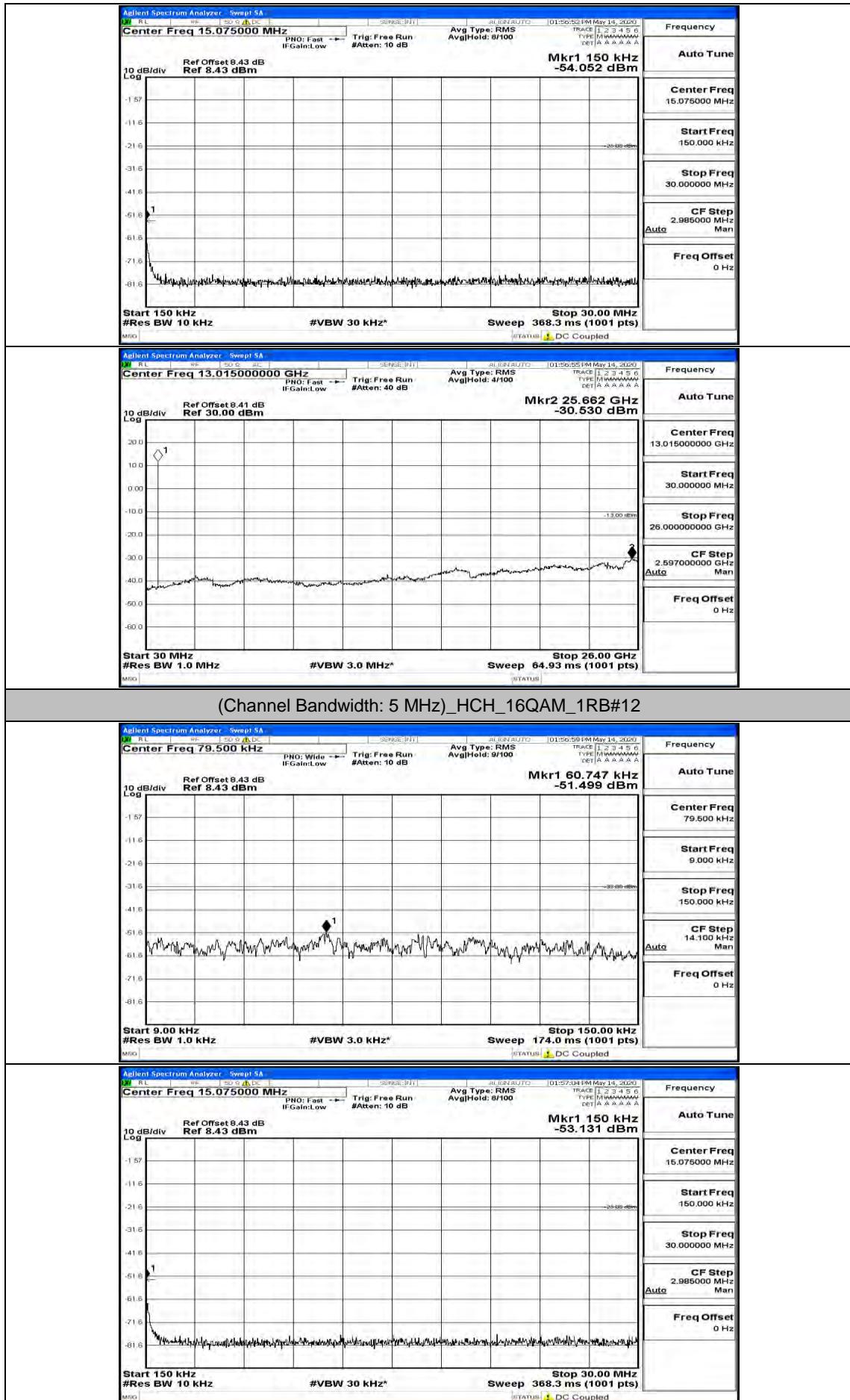
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

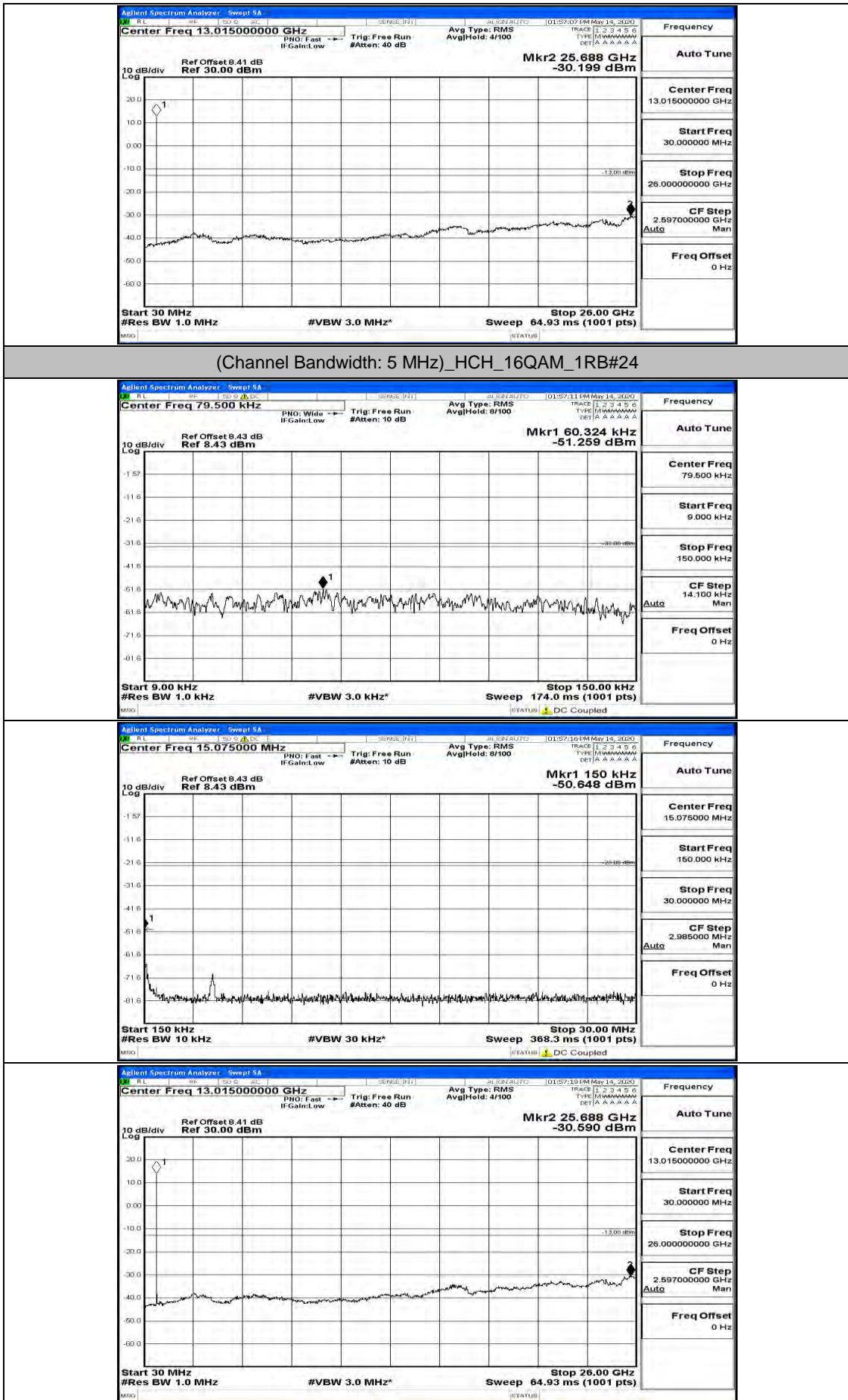


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

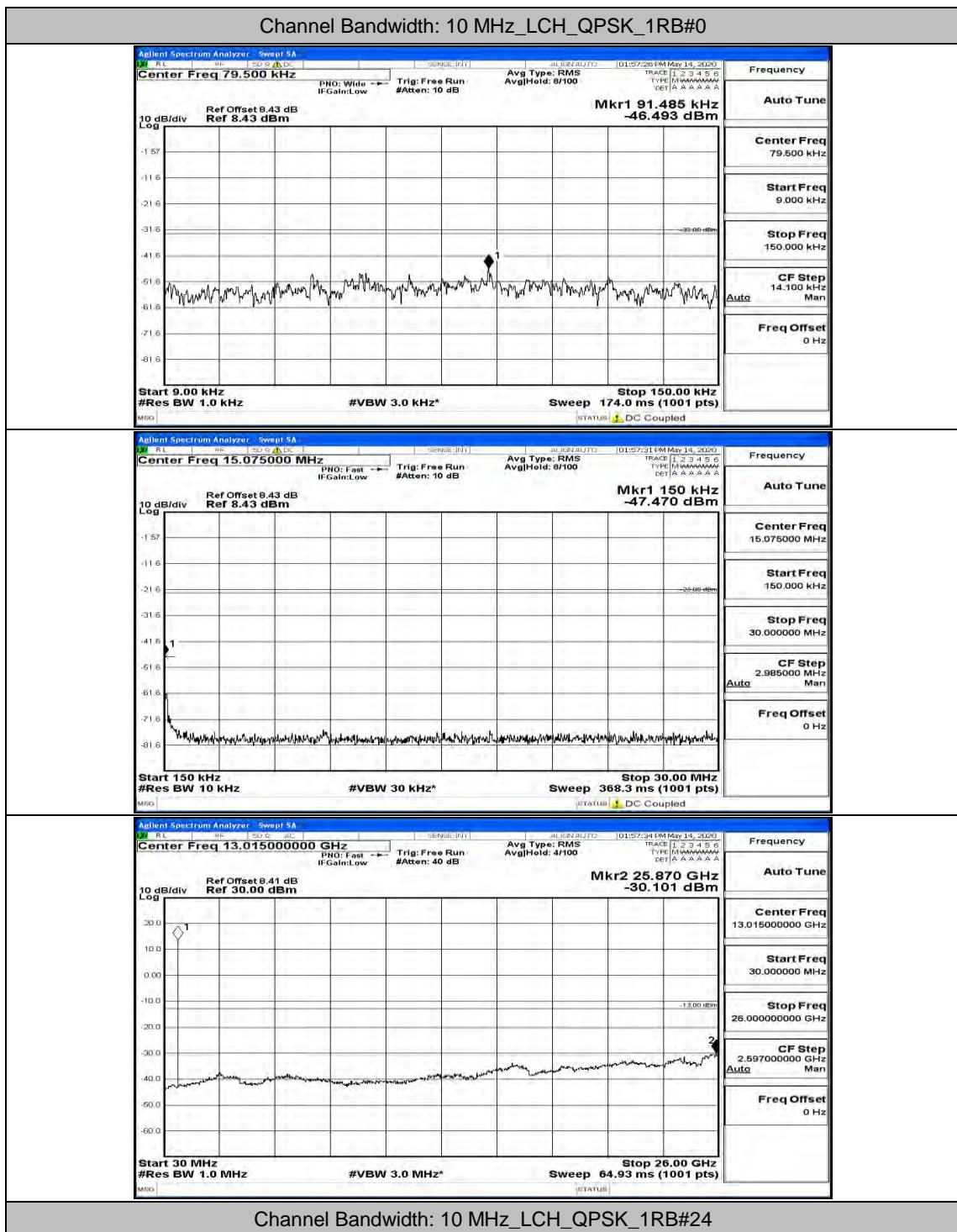


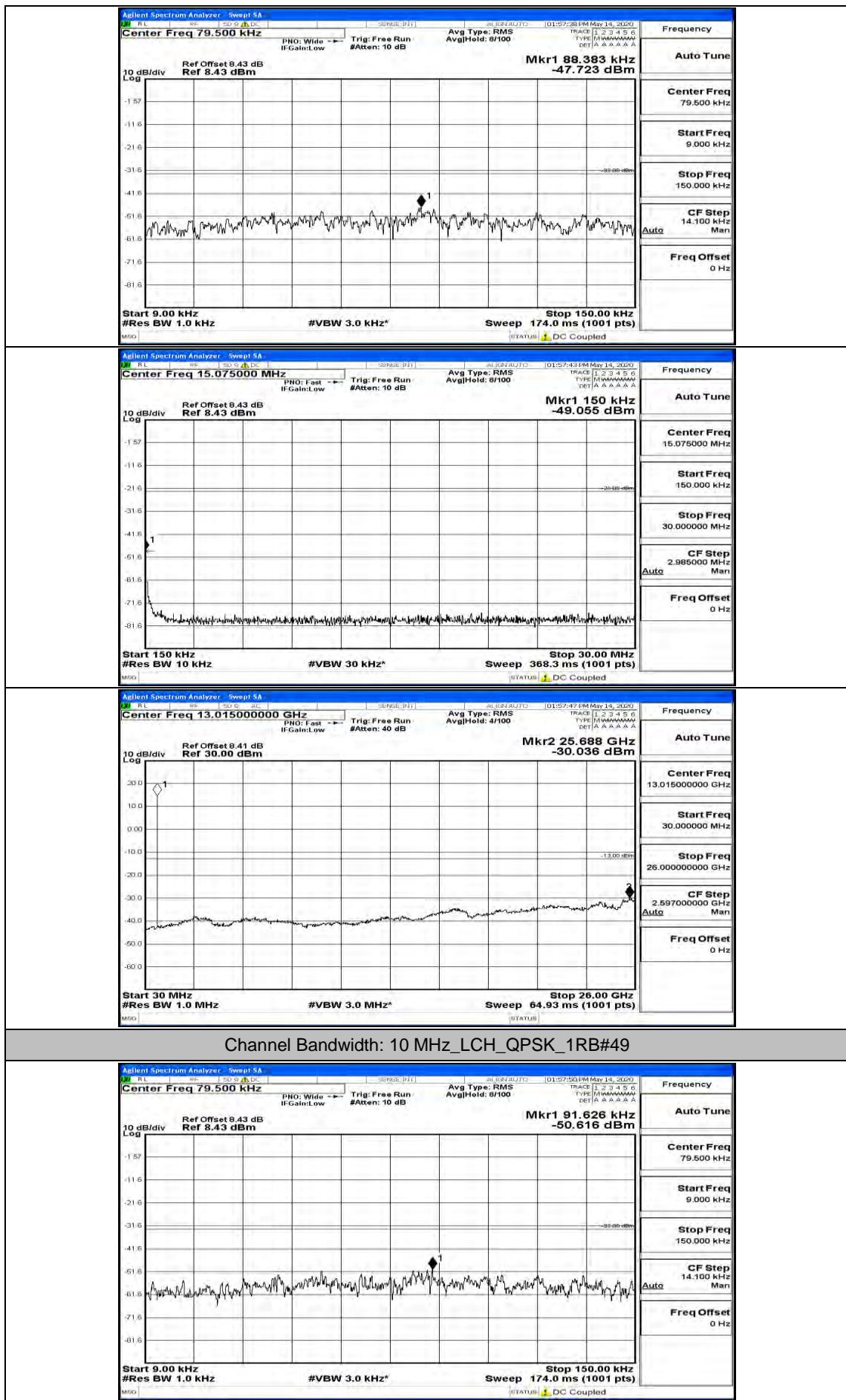


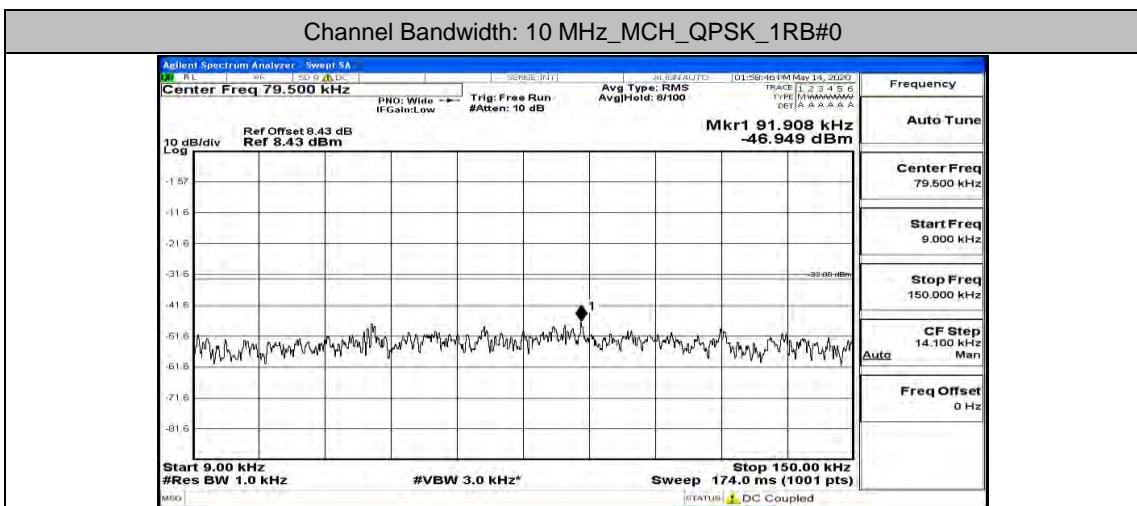
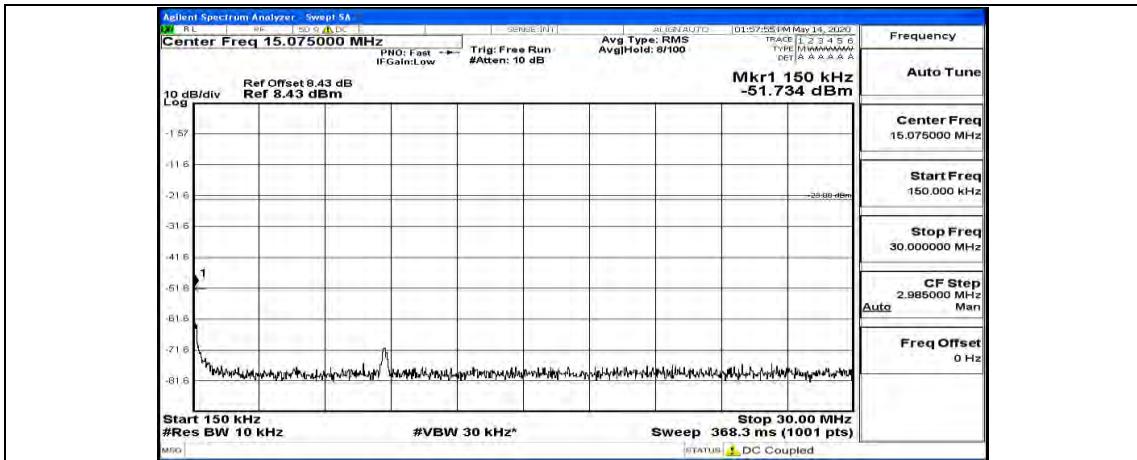


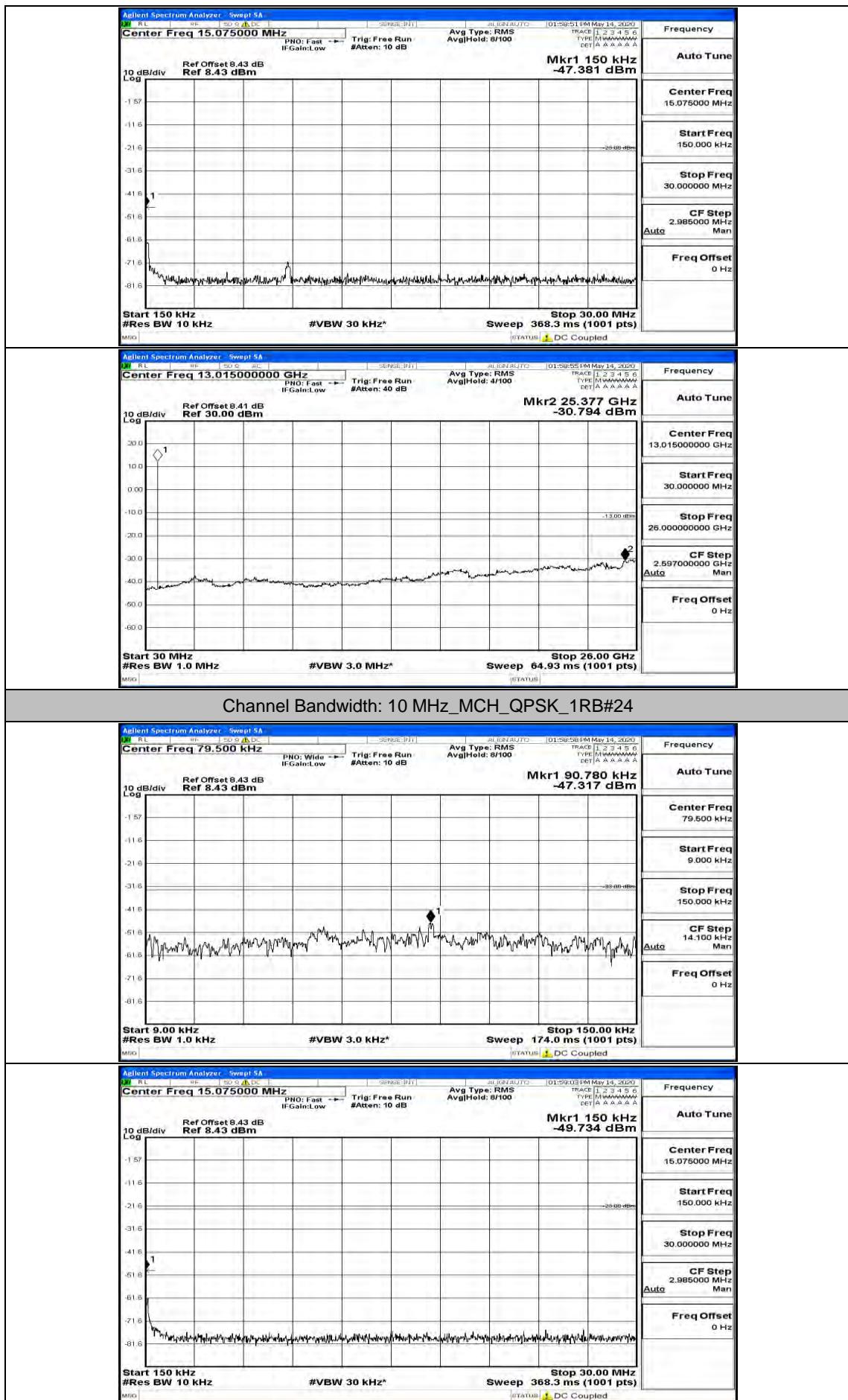


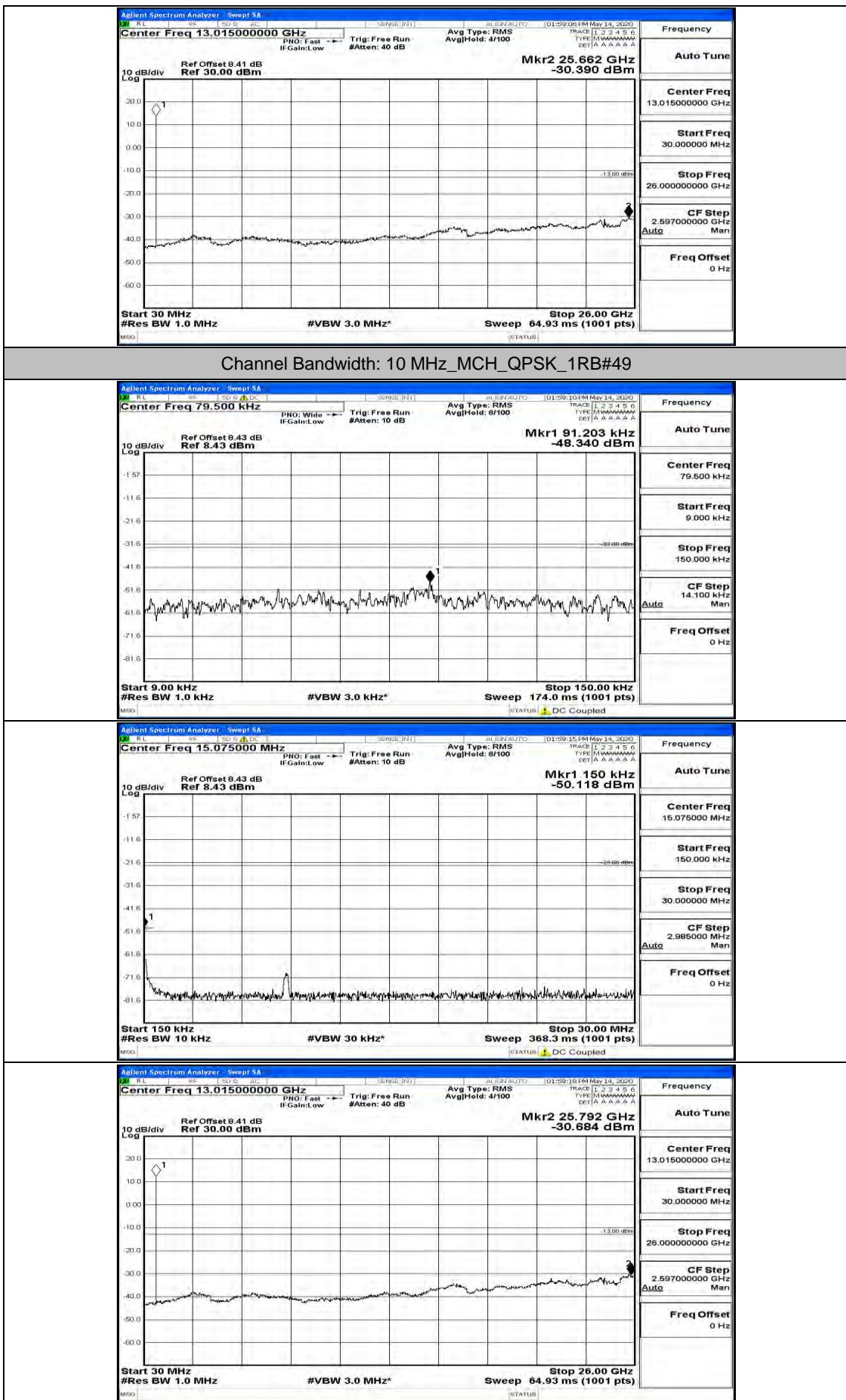
Channel Bandwidth: 10 MHz

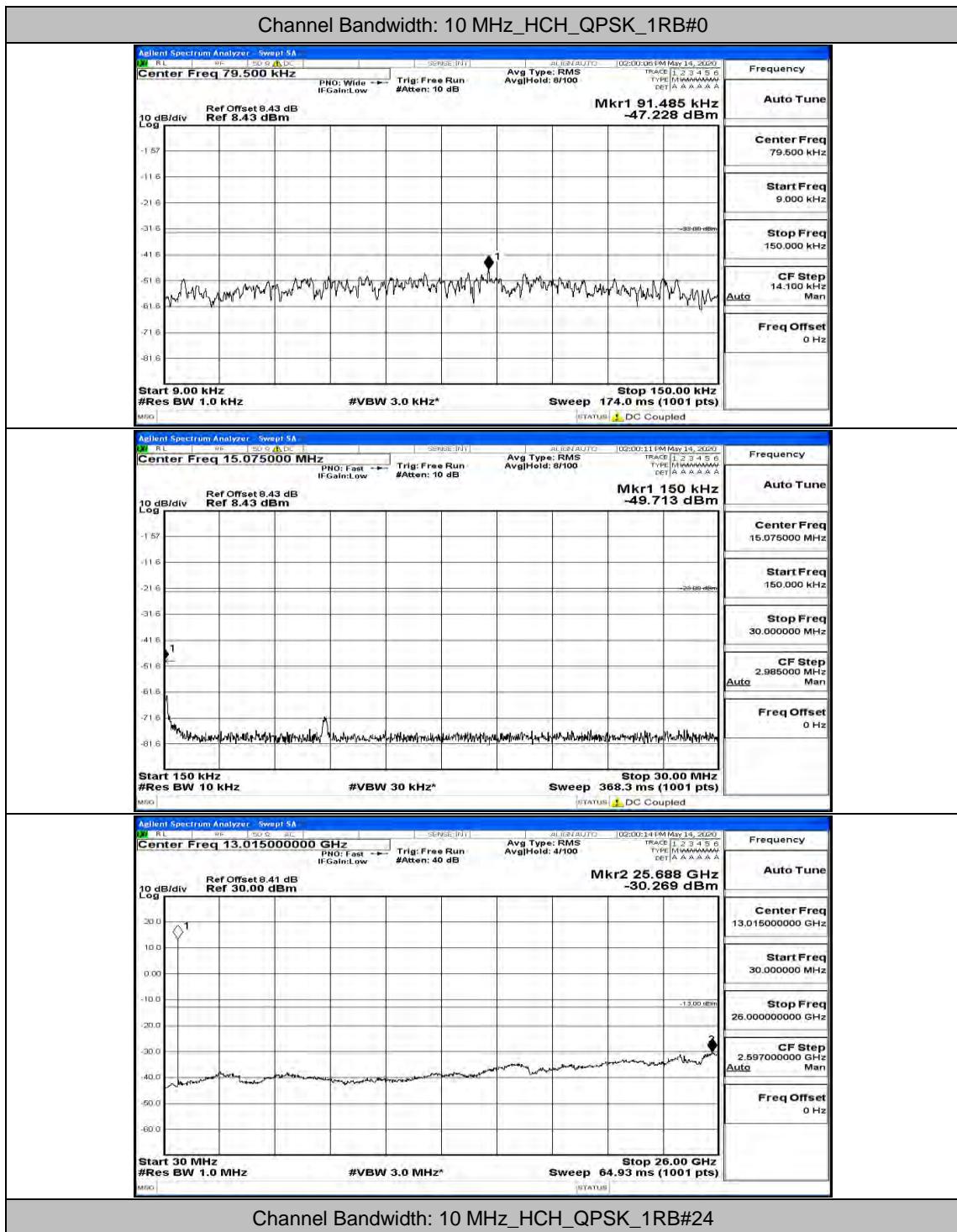


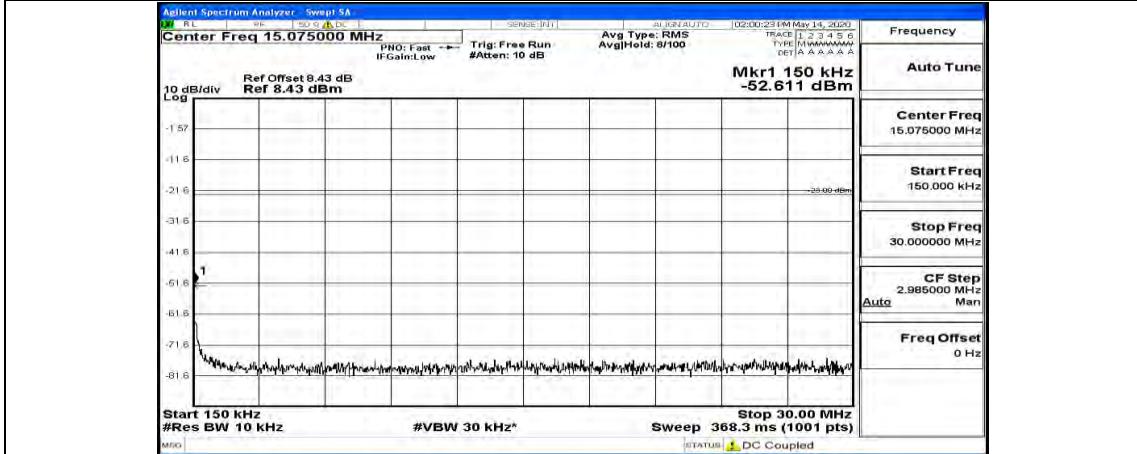
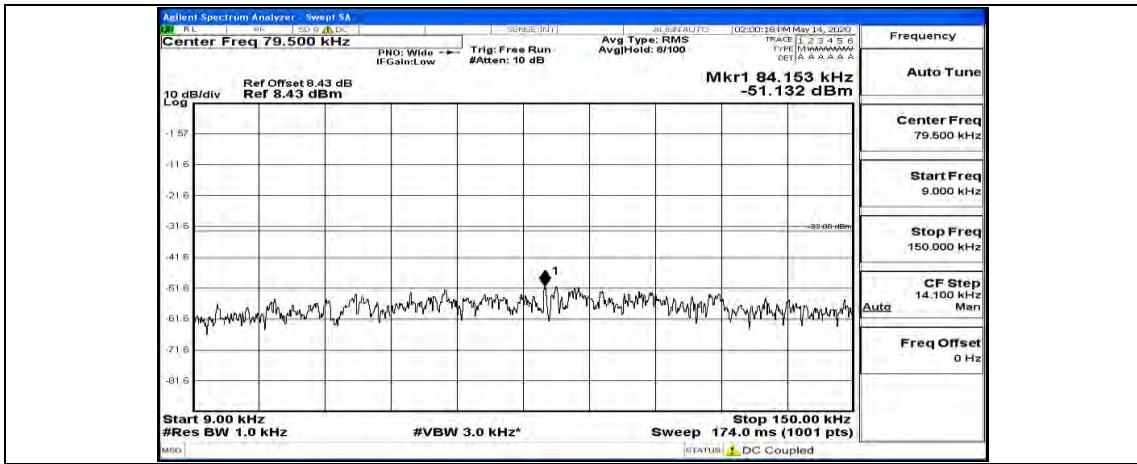




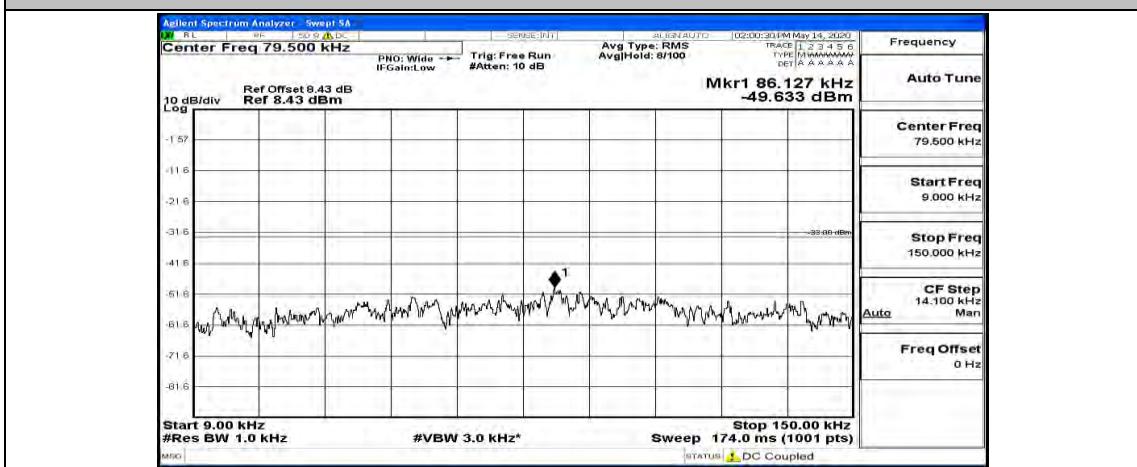


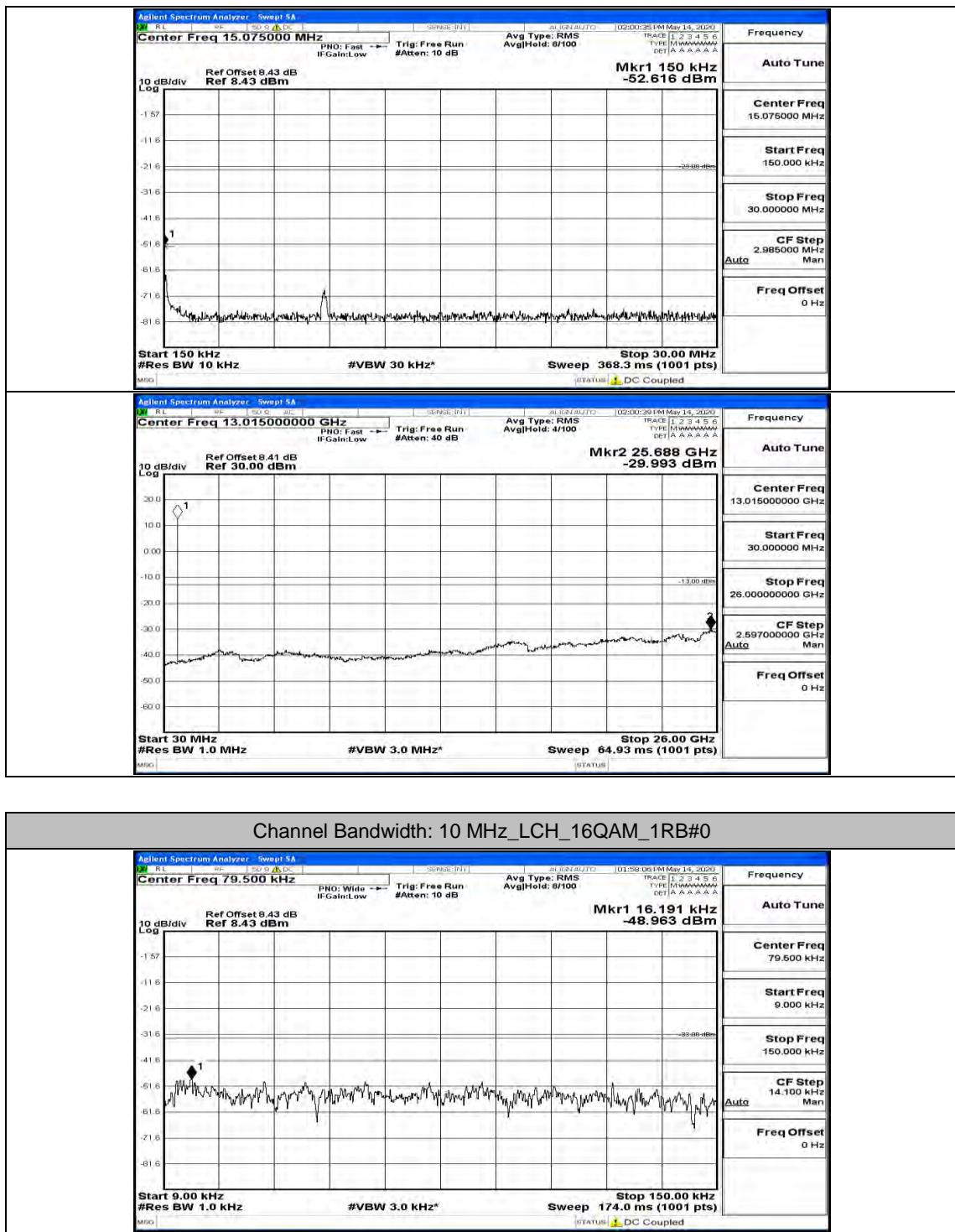


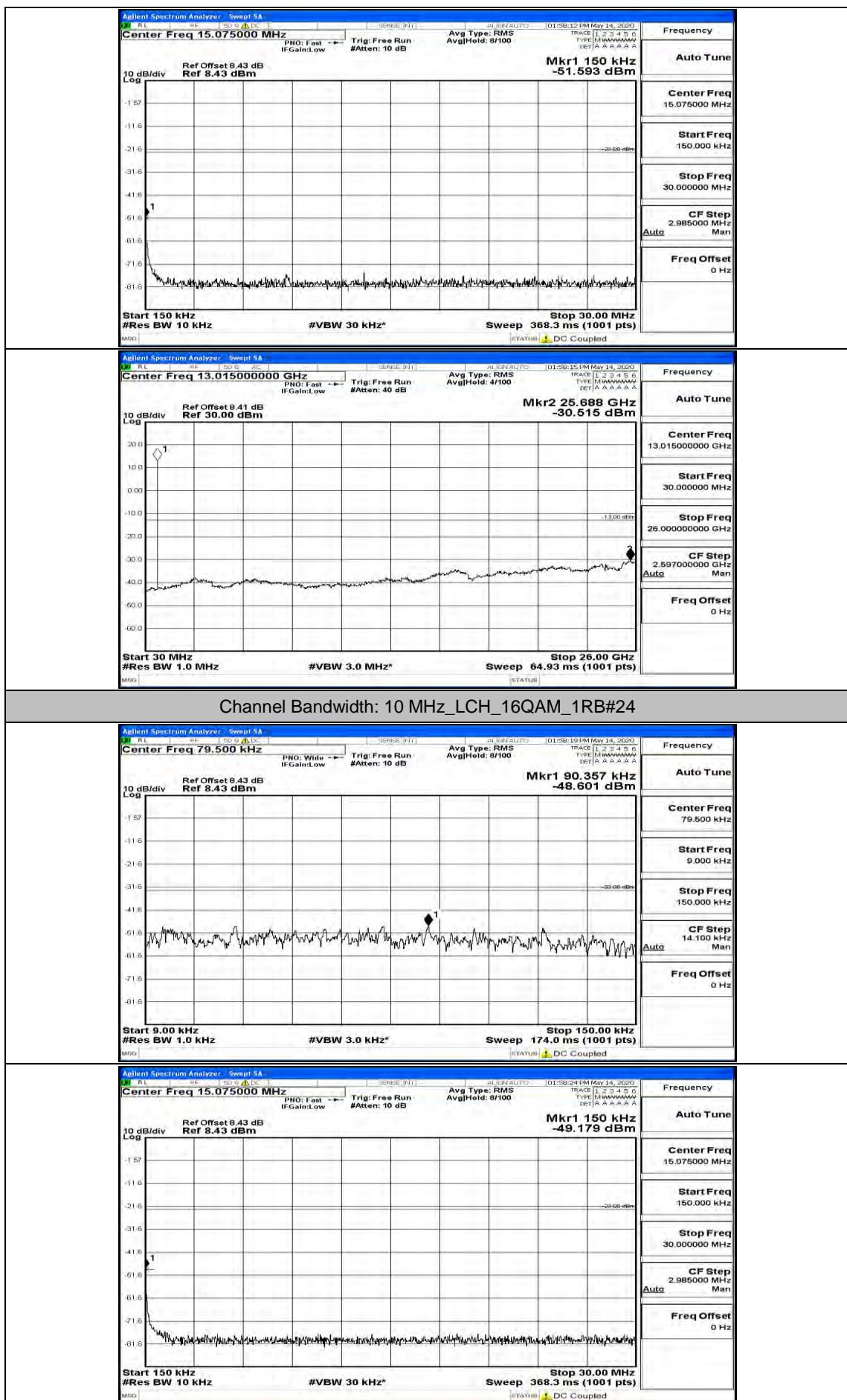


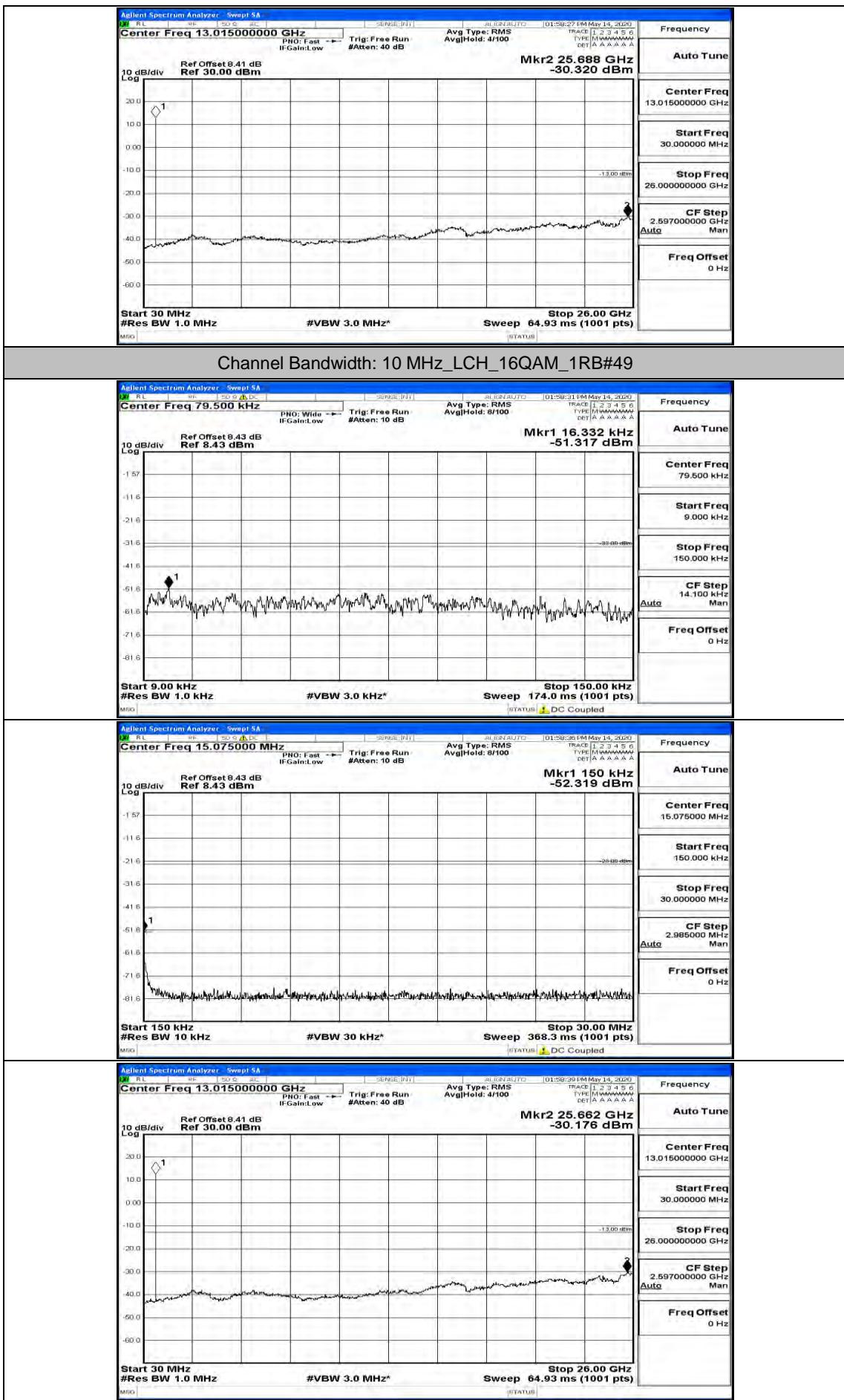


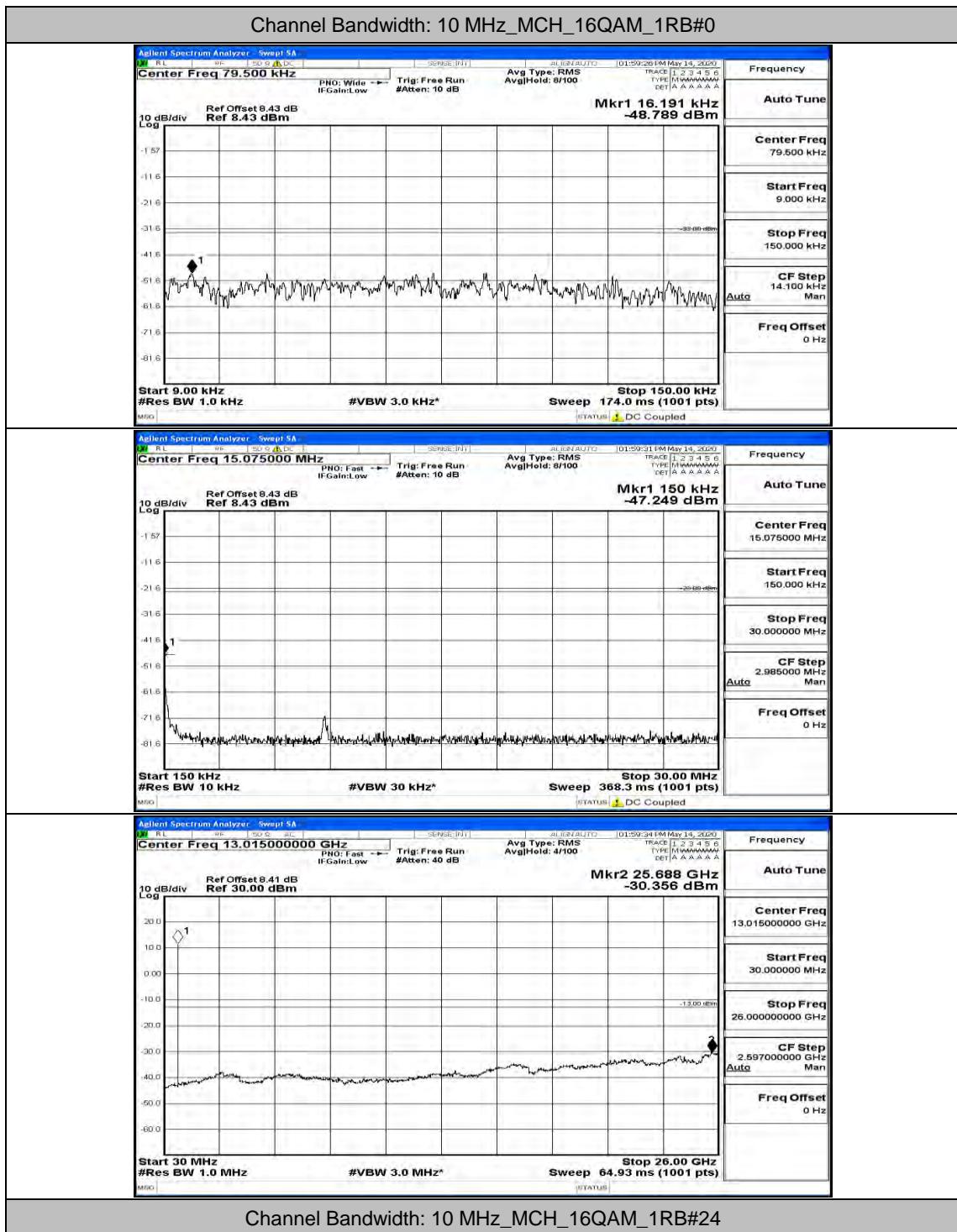
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49











Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

