

## Appendix I for LTE Band 17

**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

### I.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]		Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.77	21.79	PASS
		1	12	22.68	21.48	PASS
		1	24	22.80	21.09	PASS
		12	0	22.81	21.96	PASS
		12	6	22.83	21.95	PASS
		12	13	22.80	21.90	PASS
		25	0	22.80	21.83	PASS
	MCH	1	0	23.70	22.03	PASS
		1	12	24.14	23.22	PASS
		1	24	23.30	22.60	PASS
		12	0	22.71	21.75	PASS
		12	6	22.72	21.74	PASS
		12	13	22.64	21.72	PASS
		25	0	22.71	21.77	PASS
	HCH	1	0	23.38	22.73	PASS
		1	12	23.49	22.82	PASS
		1	24	22.87	22.29	PASS
		12	0	22.38	21.41	PASS
		12	6	22.36	21.44	PASS
		12	13	22.02	21.11	PASS
		25	0	22.26	21.30	PASS

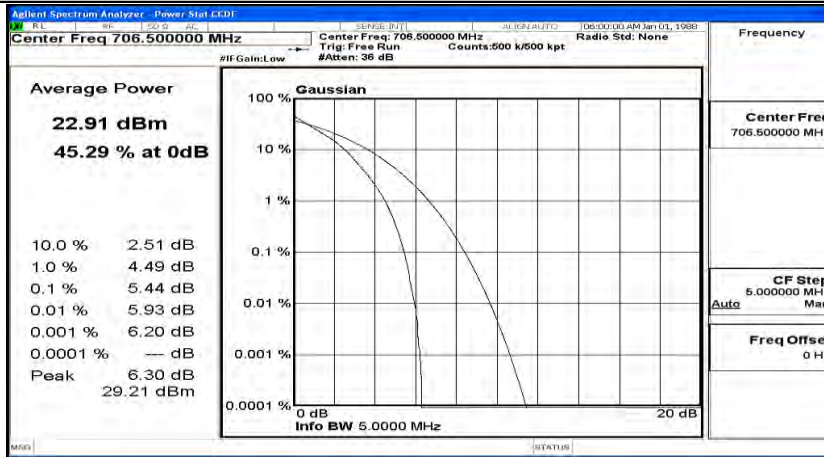
Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.45	22.74	PASS
		1	24	23.83	23.21	PASS
		1	49	23.14	22.52	PASS
		25	0	22.95	21.98	PASS
		25	12	22.78	21.83	PASS
		25	25	22.76	21.74	PASS
		50	0	22.83	21.83	PASS
	MCH	1	0	23.52	22.97	PASS
		1	24	23.77	23.29	PASS
		1	49	23.00	22.55	PASS
		25	0	22.90	21.93	PASS
		25	12	22.72	21.75	PASS
		25	25	22.53	21.55	PASS
		50	0	22.69	21.71	PASS
	HCH	1	0	23.65	23.04	PASS
		1	24	23.69	23.05	PASS
		1	49	22.96	22.34	PASS
		25	0	22.75	21.73	PASS
		25	12	22.56	21.60	PASS
		25	25	22.33	21.31	PASS
		50	0	22.47	21.50	PASS

**I.2 Peak-to-Average Ratio**

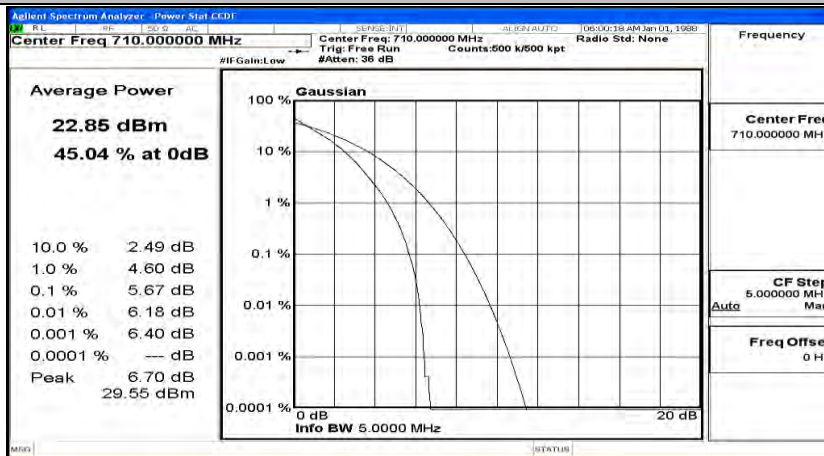
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.44	<13	PASS
	MCH	5.67	<13	PASS
	HCH	5.6	<13	PASS
16QAM	LCH	6.21	<13	PASS
	MCH	6.6	<13	PASS
	HCH	6.36	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.48	<13	PASS
	MCH	5.54	<13	PASS
	HCH	5.57	<13	PASS
16QAM	LCH	6.28	<13	PASS
	MCH	6.36	<13	PASS
	HCH	6.45	<13	PASS

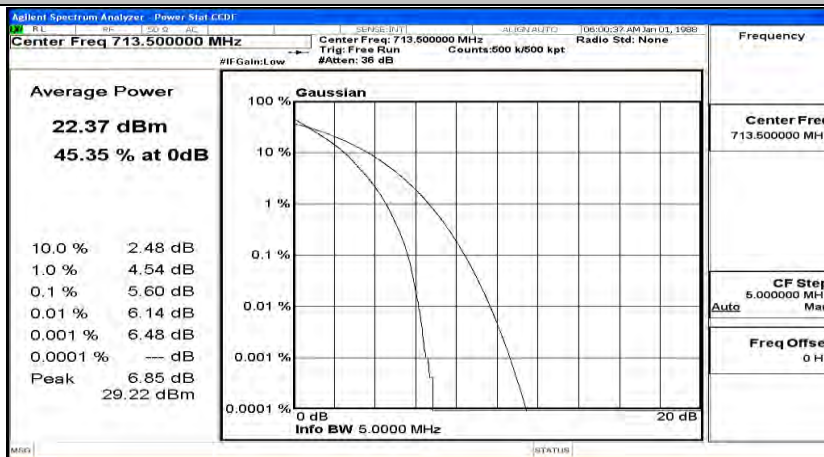
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



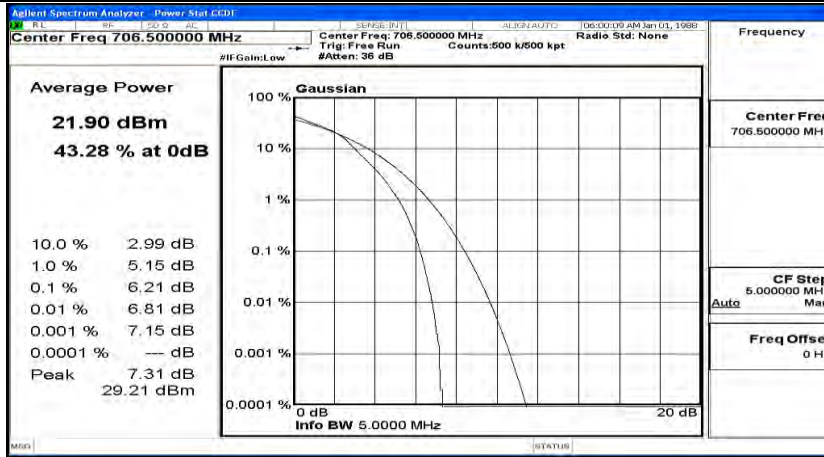
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



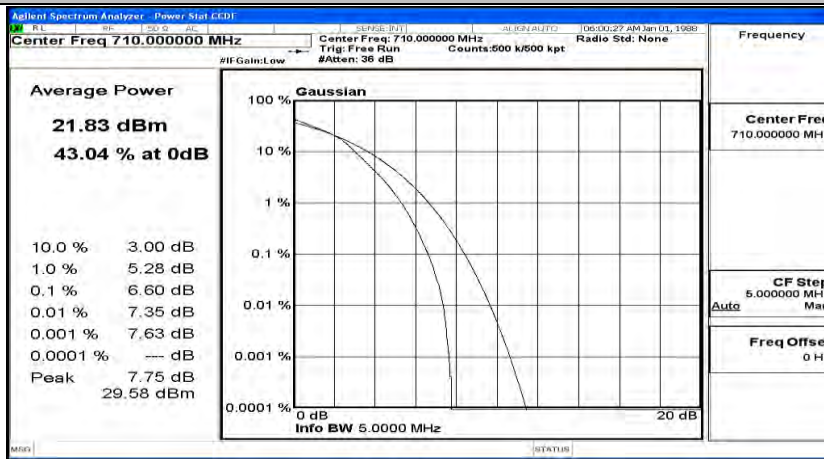
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



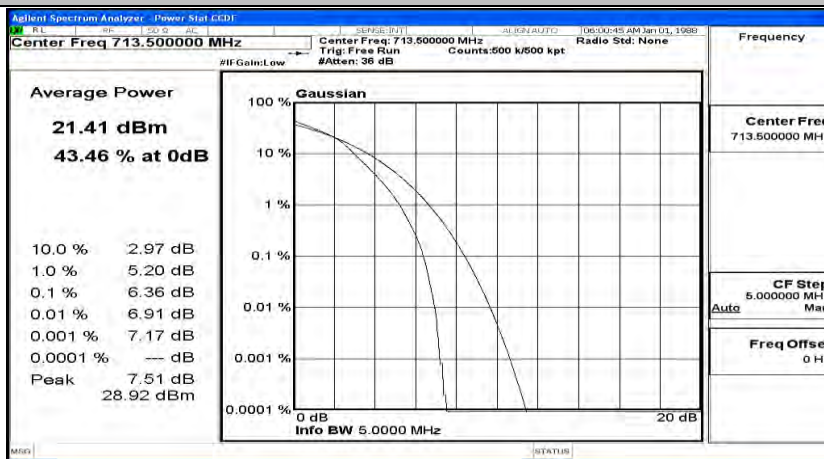
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



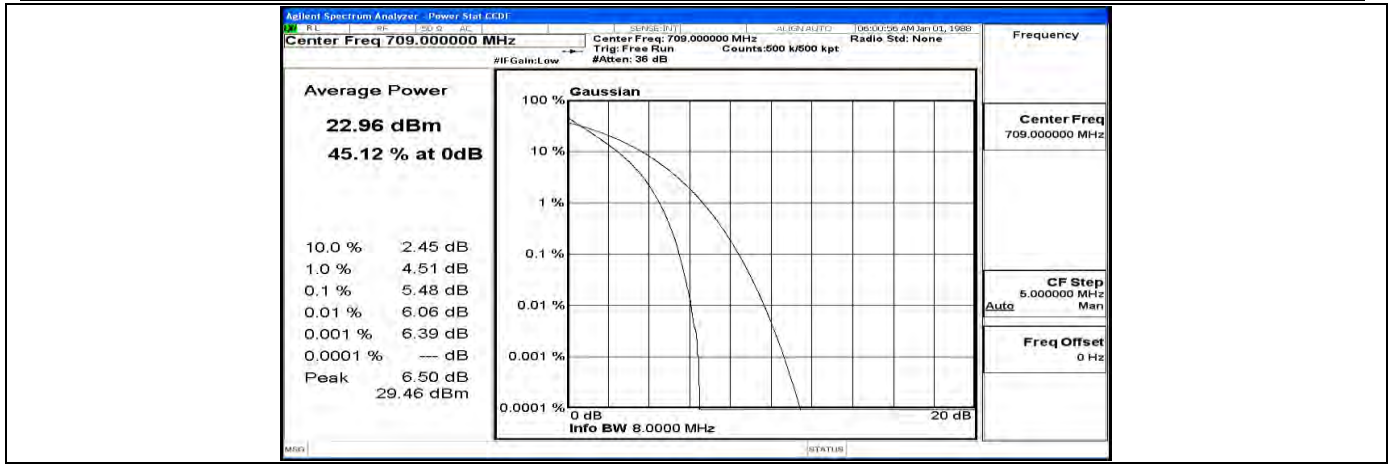
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



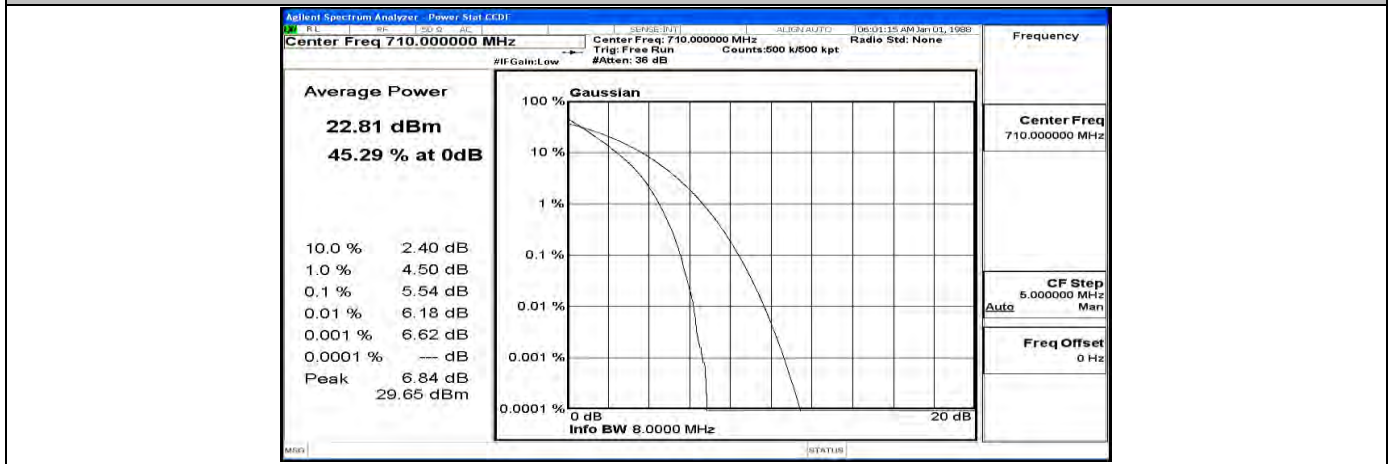
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



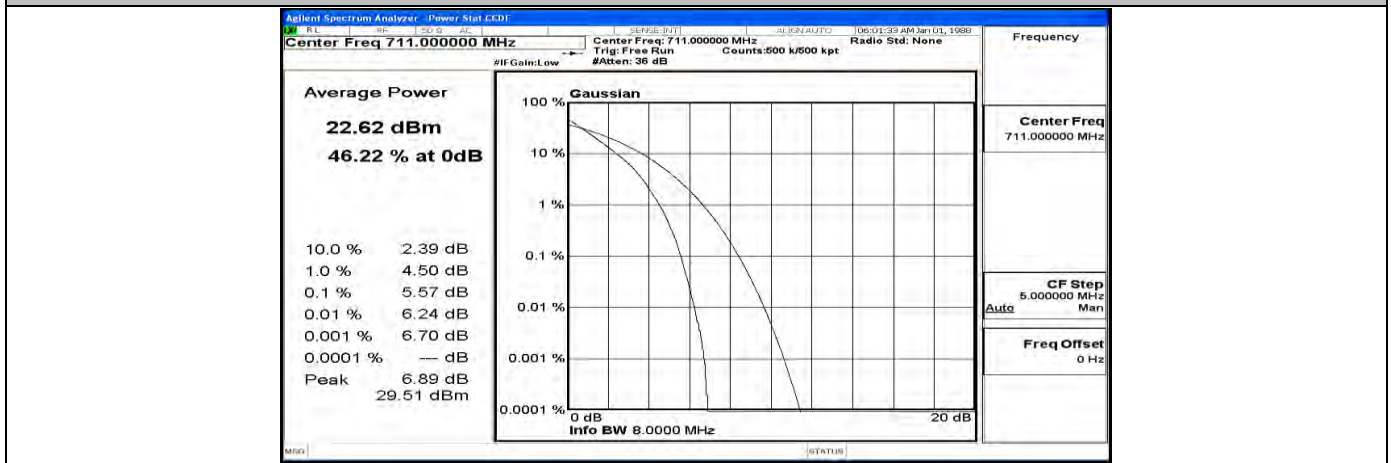
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



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

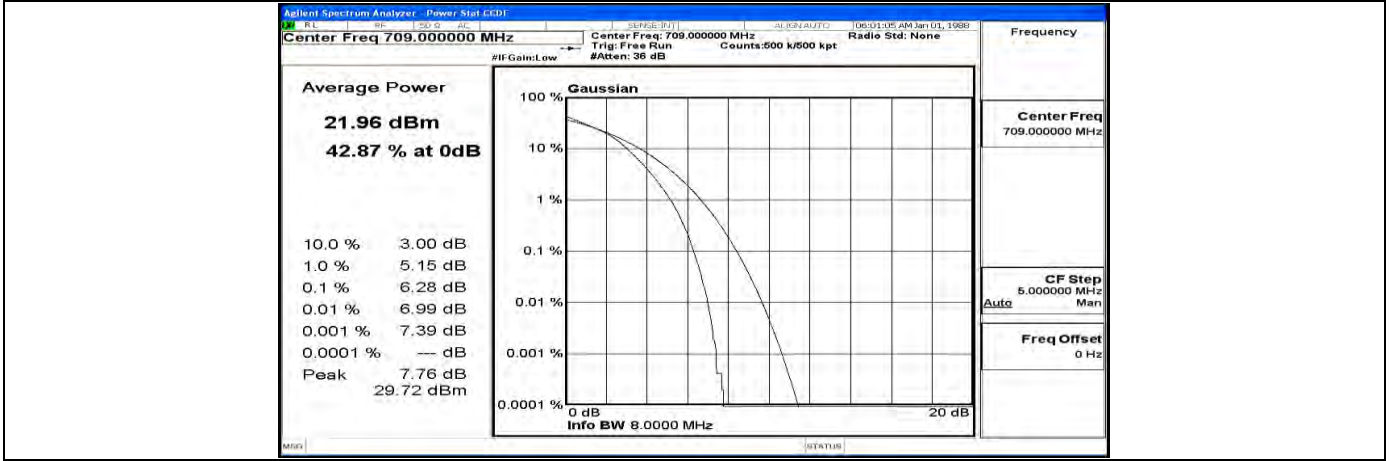


Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK

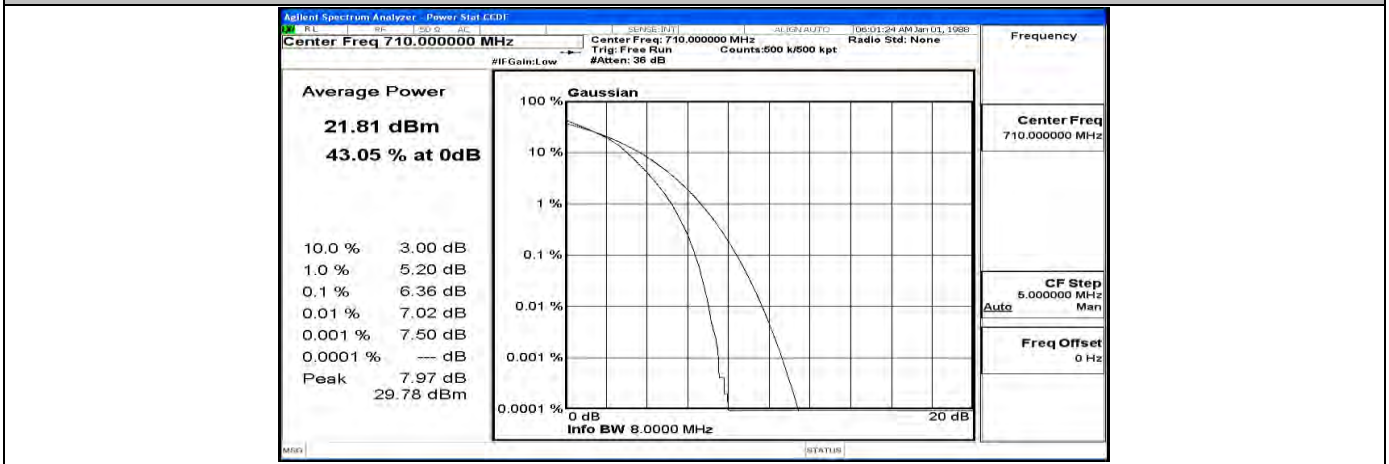


Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM

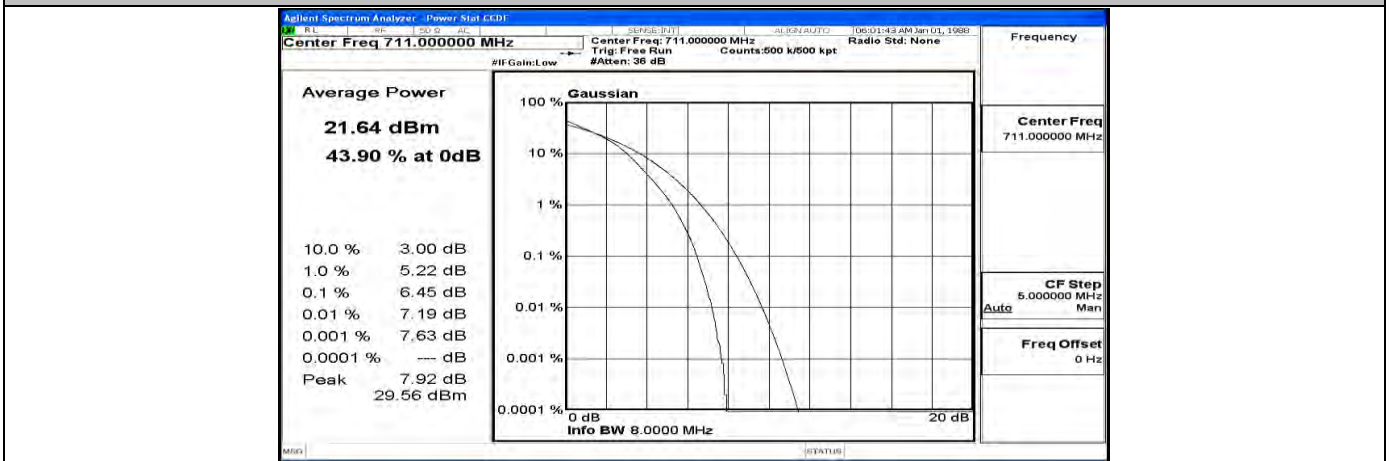




Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM



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



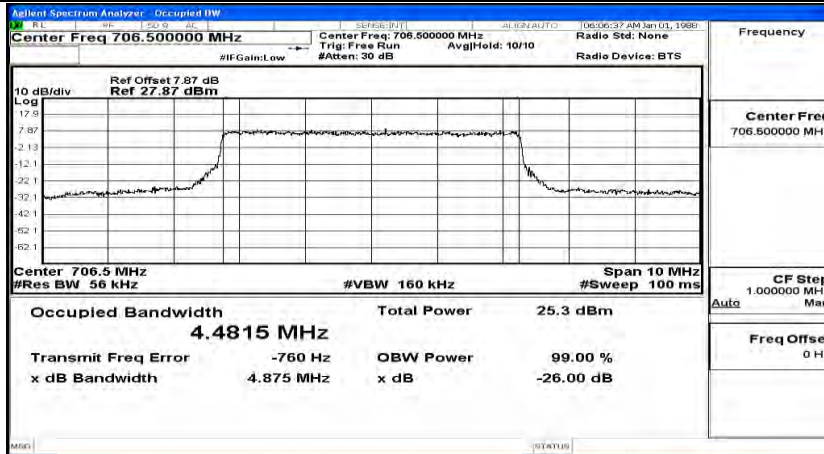
**I.3 26dB Bandwidth and Occupied Bandwidth**

<b>EBW &amp; OBW Test Result (Channel Bandwidth: 5 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4815	4.875	PASS
	MCH	4.4791	4.926	PASS
	HCH	4.4733	4.848	PASS
16QAM	LCH	4.4891	4.847	PASS
	MCH	4.4822	4.840	PASS
	HCH	4.4829	4.825	PASS

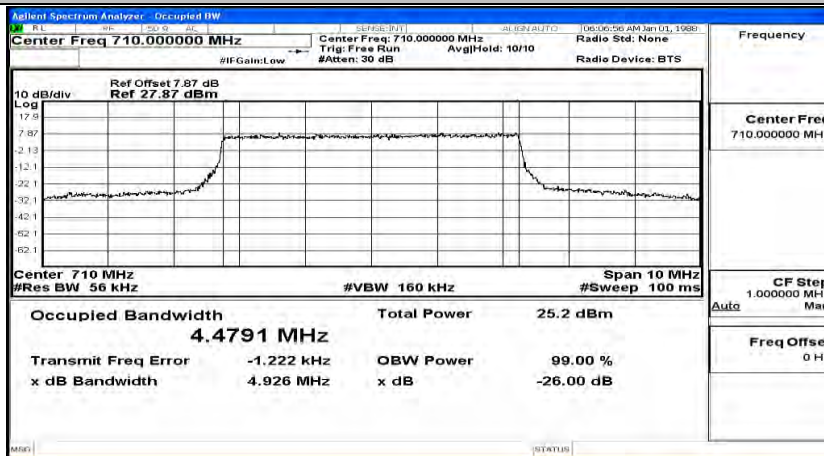
<b>EBW &amp; OBW Test Result (Channel Bandwidth: 10 MHz)</b>				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9586	9.609	PASS
	MCH	8.9408	9.499	PASS
	HCH	8.9318	9.512	PASS
16QAM	LCH	8.9613	9.664	PASS
	MCH	8.9519	9.597	PASS
	HCH	8.9289	9.455	PASS



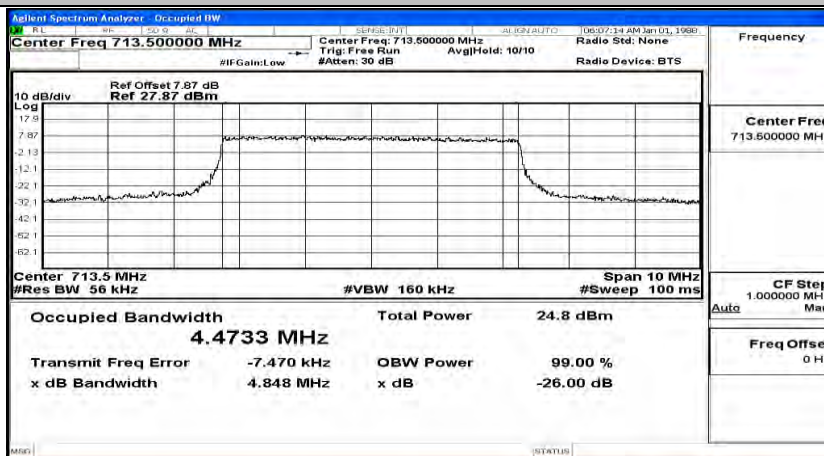
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_QPSK



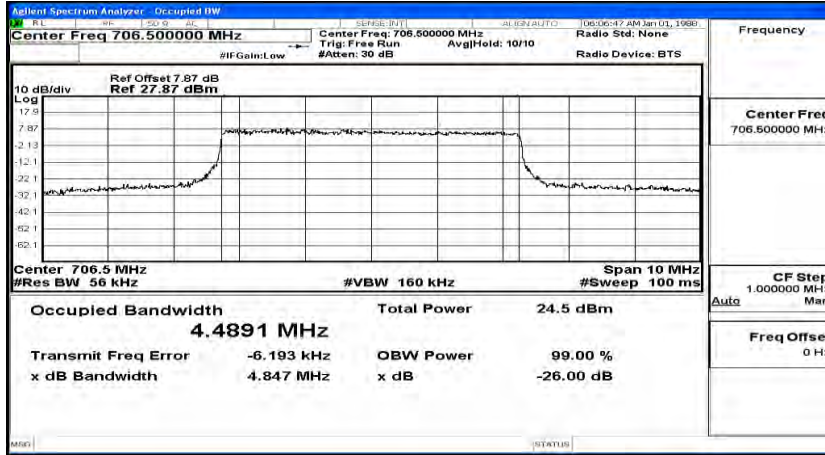
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_QPSK



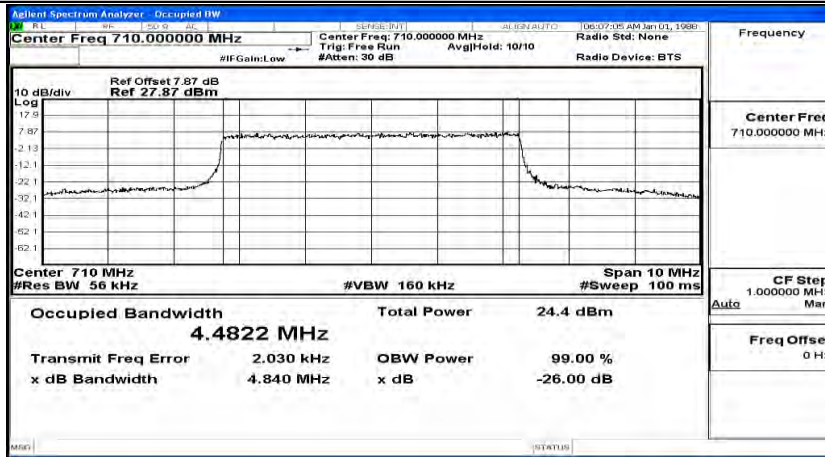
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_QPSK



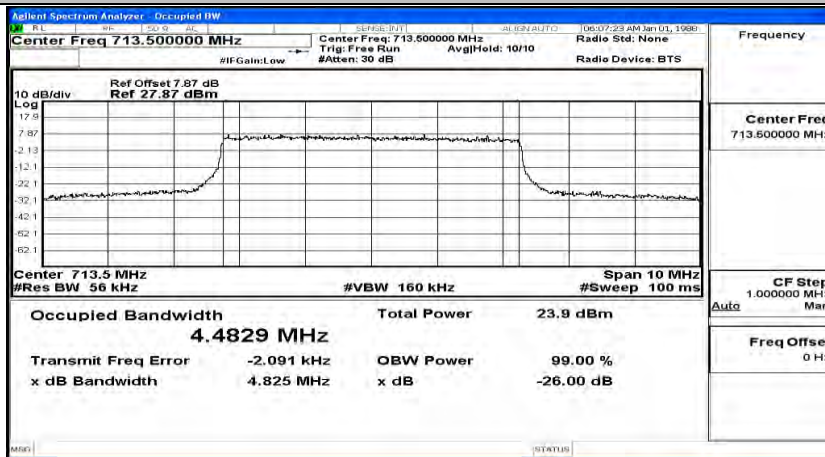
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_LCH\_16QAM



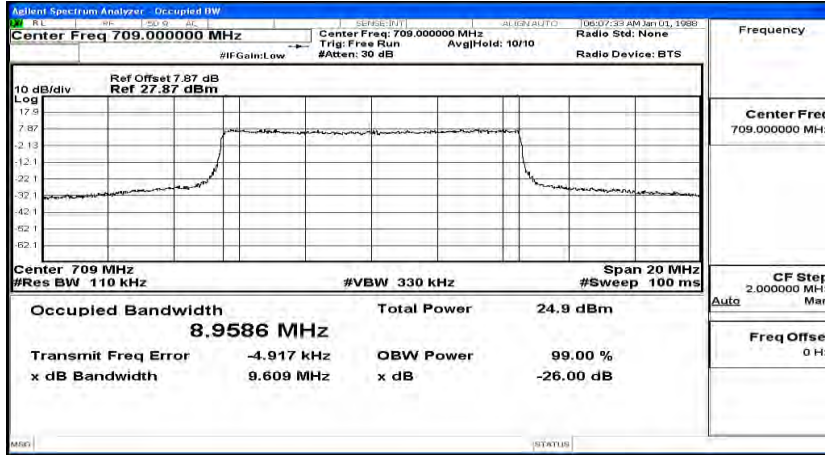
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_MCH\_16QAM



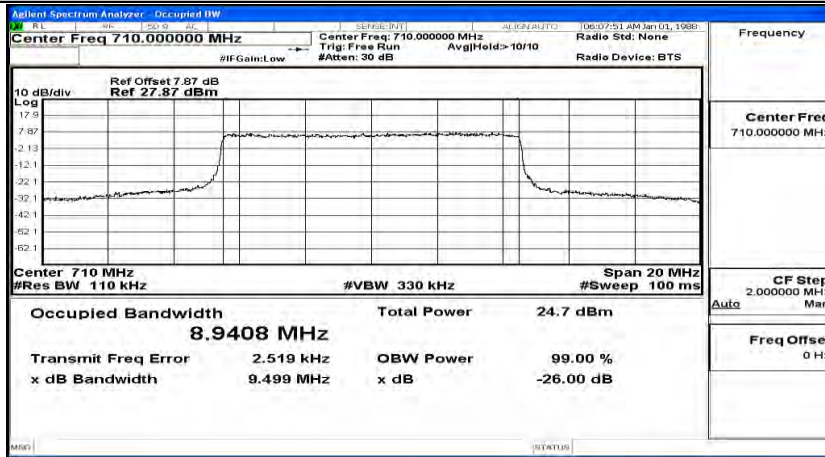
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)\_HCH\_16QAM



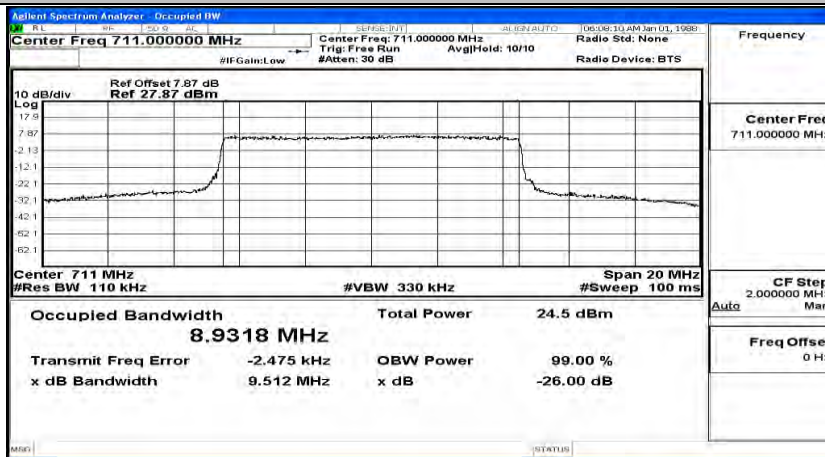
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_QPSK



EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_QPSK

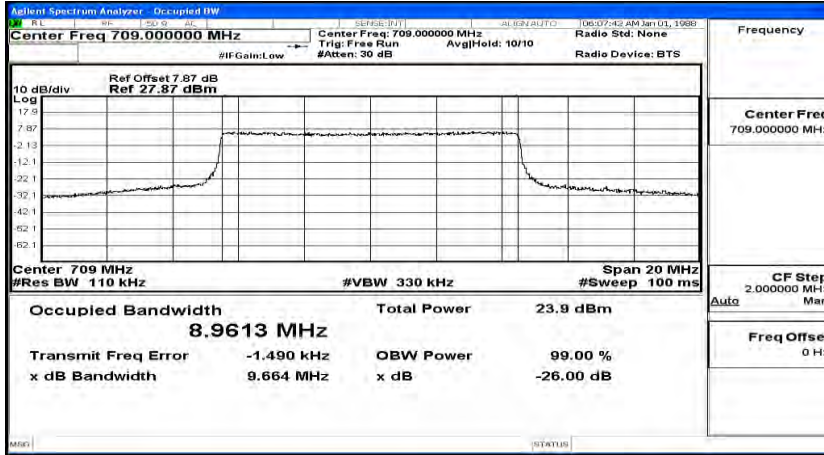


EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_QPSK

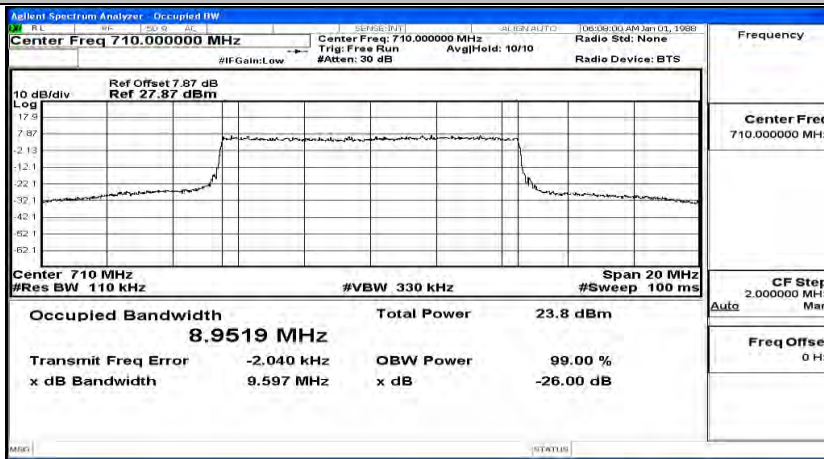




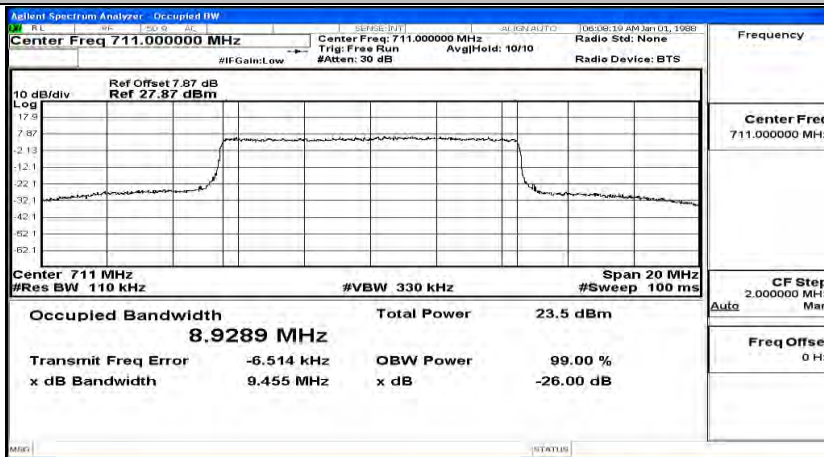
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_LCH\_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_MCH\_16QAM

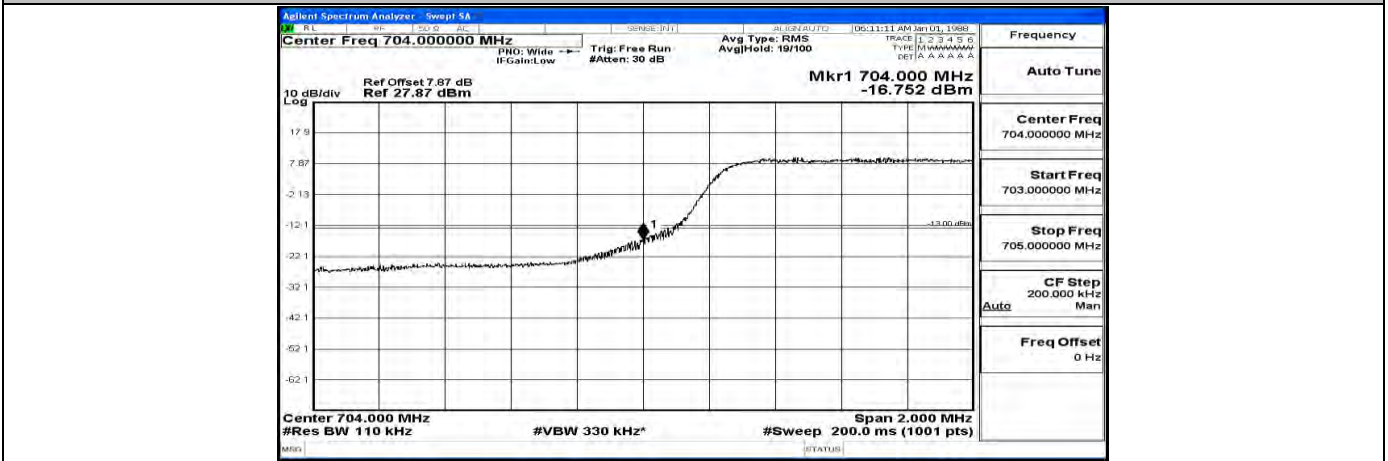


EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

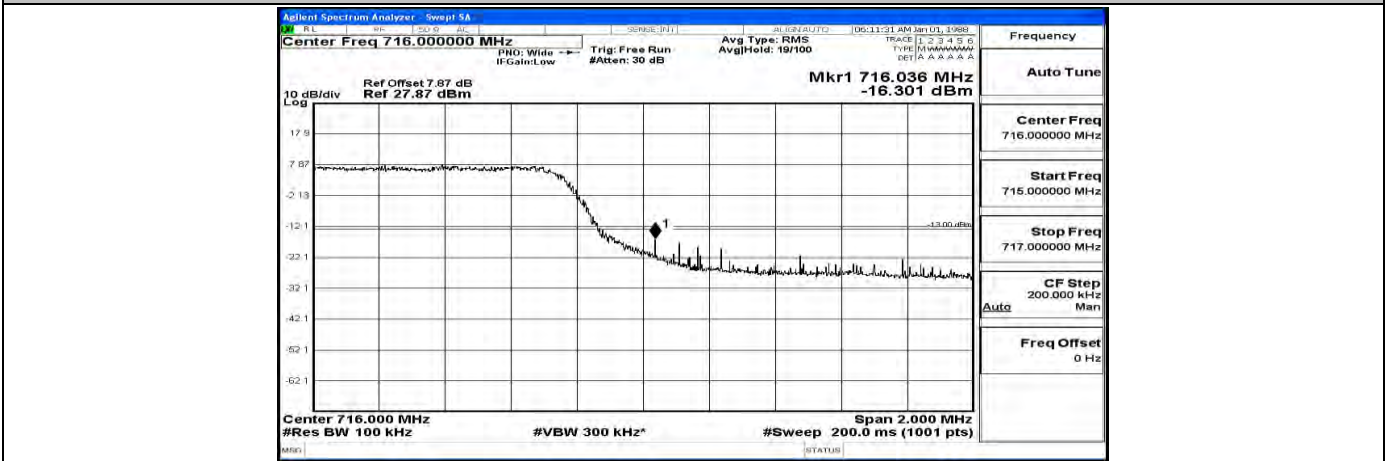


**A.4 Band Edge**

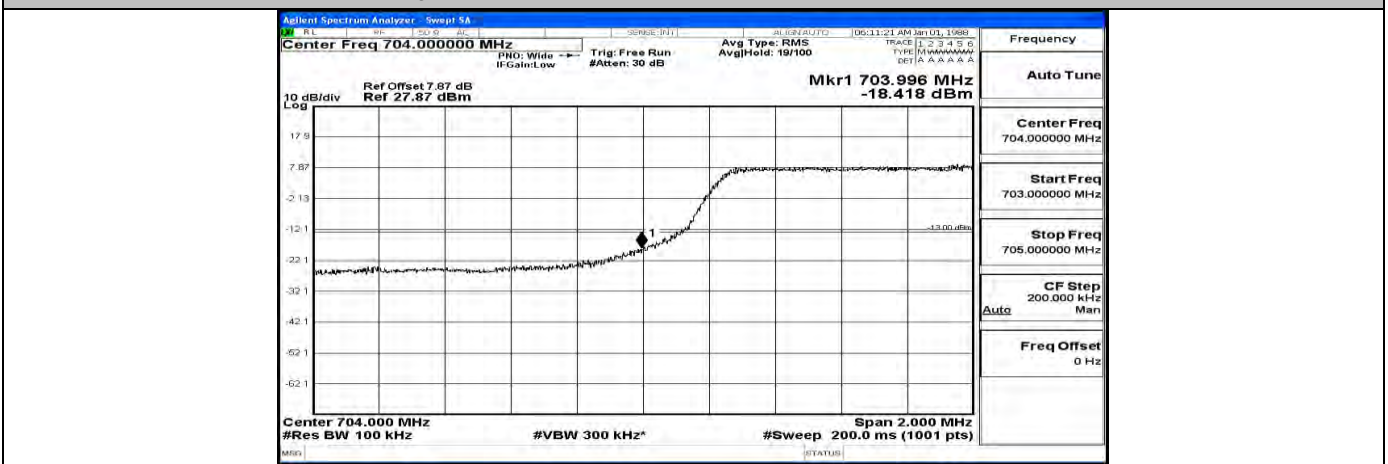
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz) LCH\_QPSK



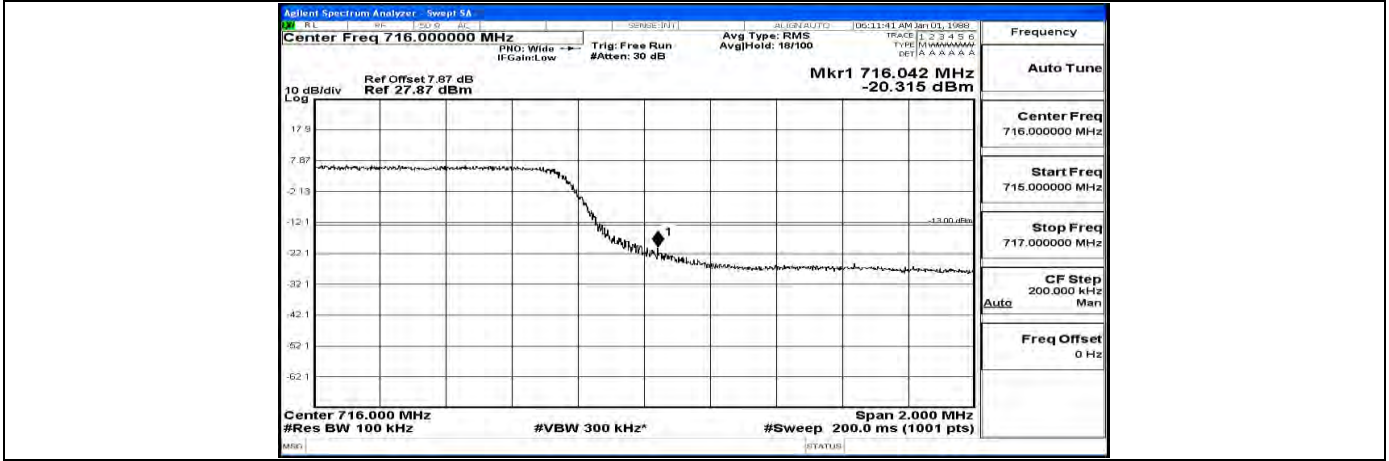
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz) HCH\_QPSK



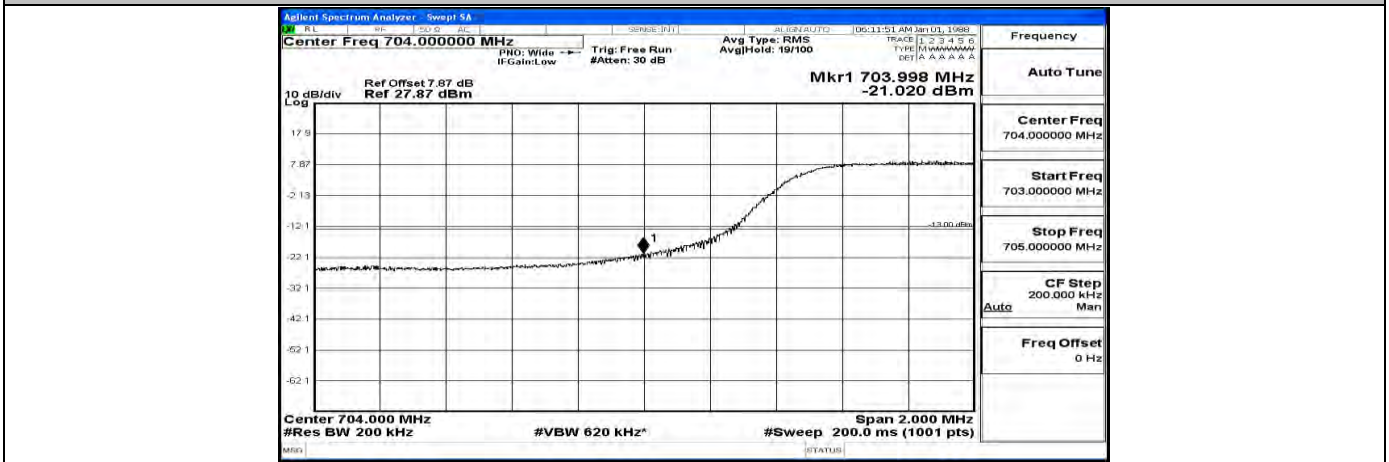
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz) LCH\_16QAM



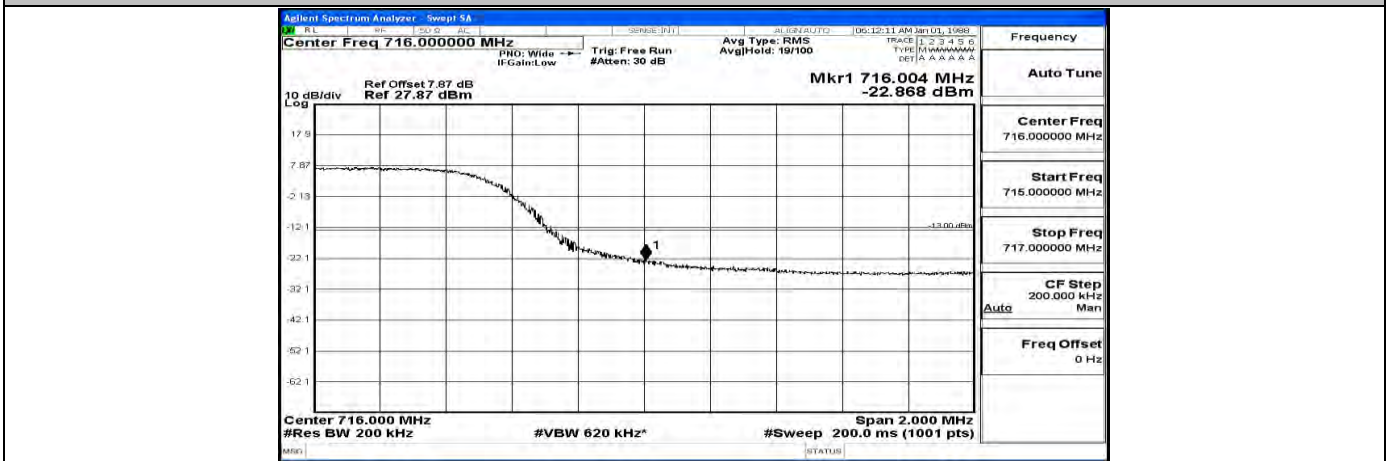
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz) HCH\_16QAM



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

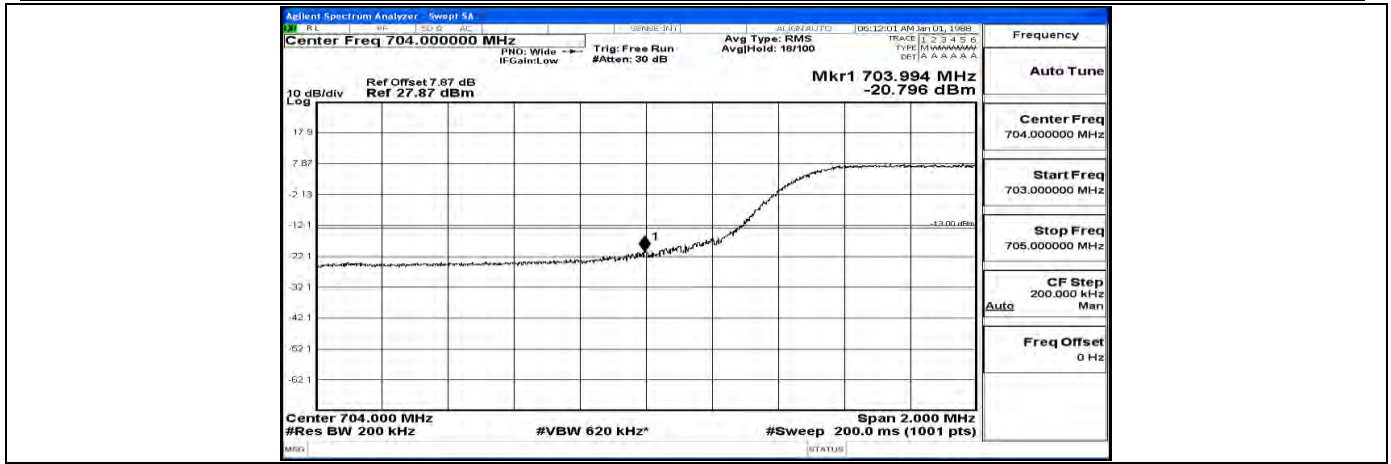


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz) \_HCH\_QPSK

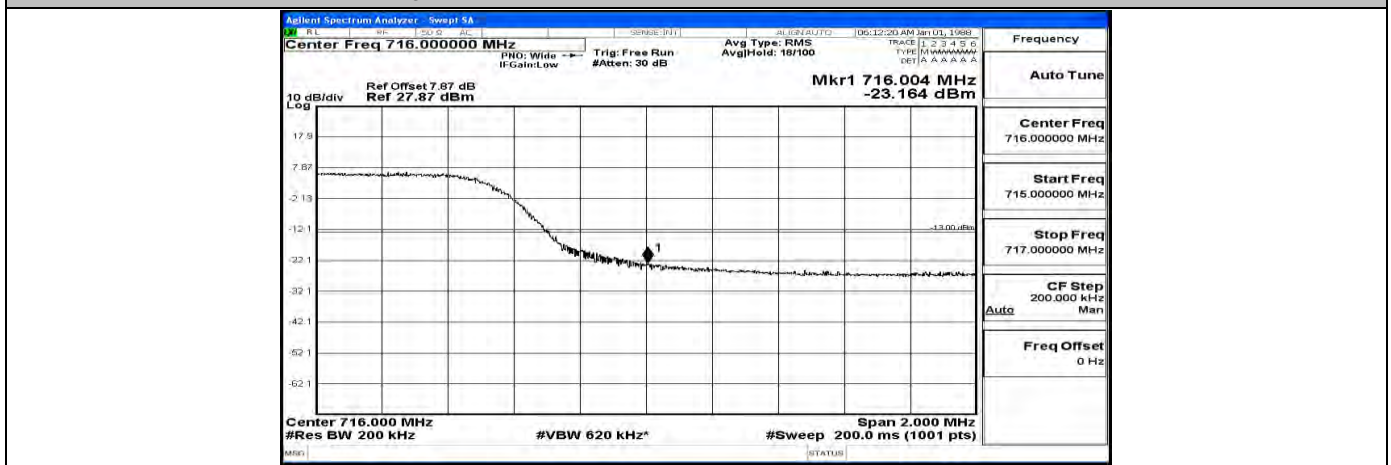


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz) \_LCH\_16QAM





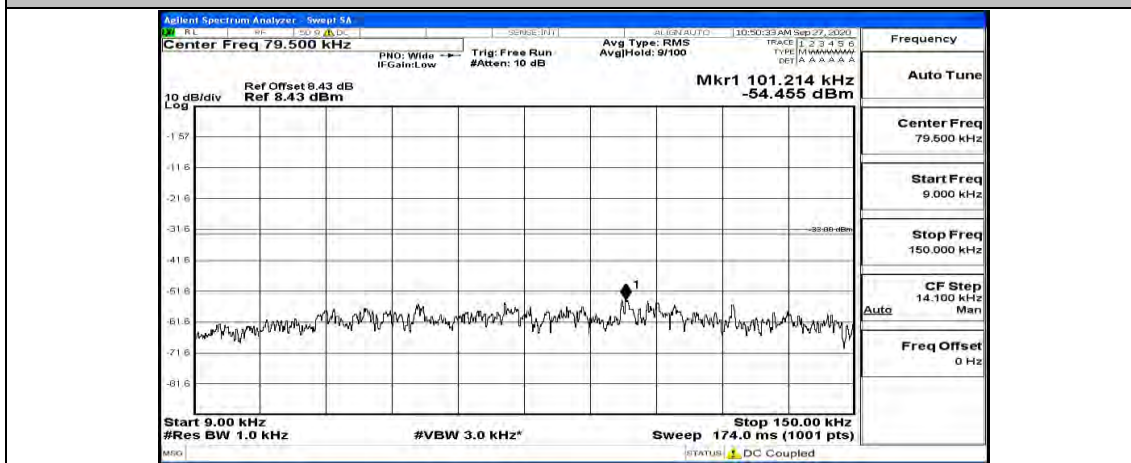
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)\_HCH\_16QAM

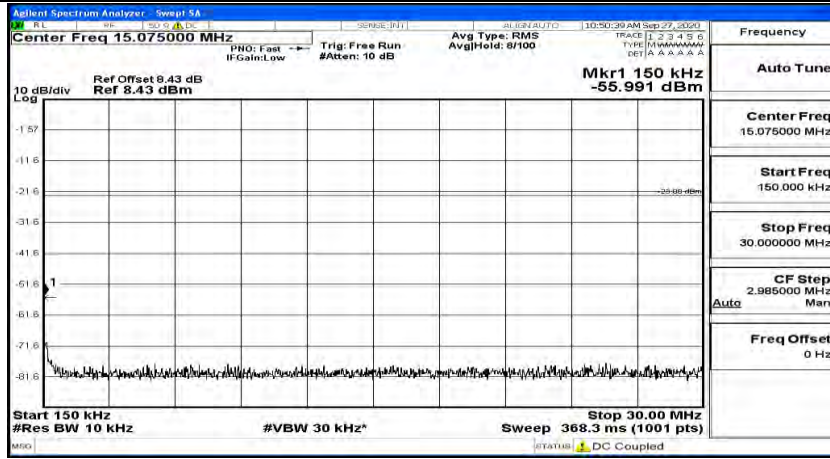


### I.5 Conducted Spurious Emission

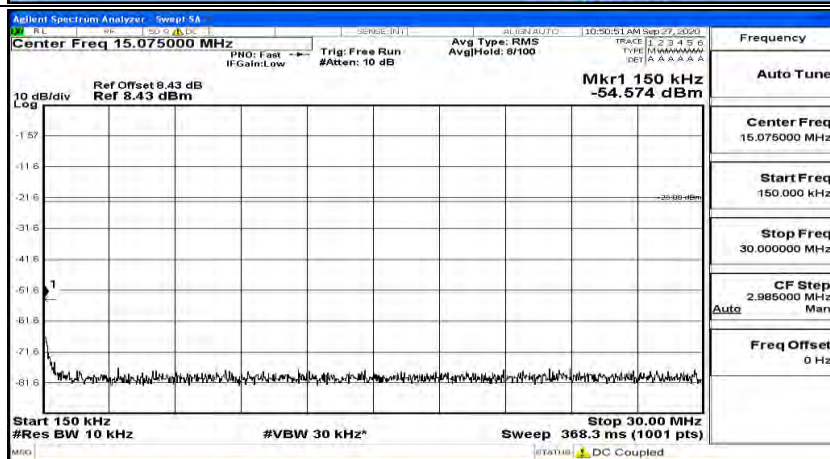
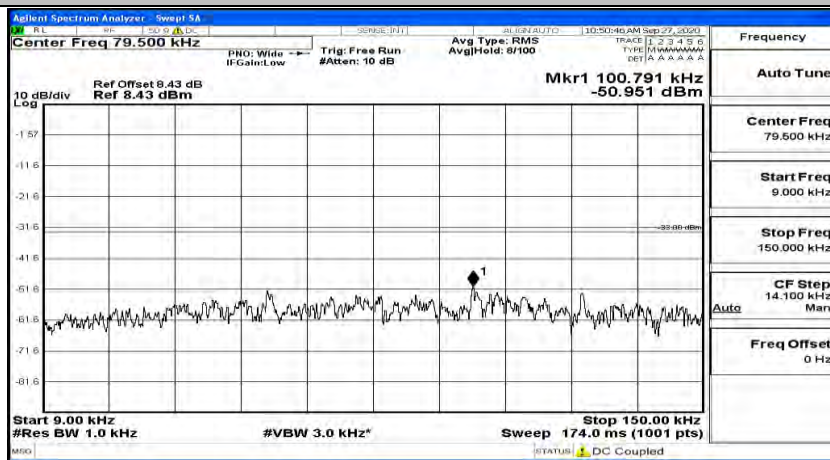
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#0



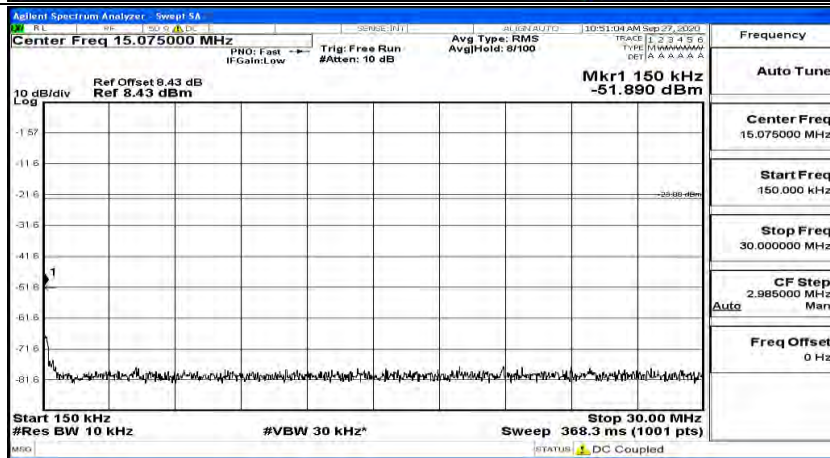
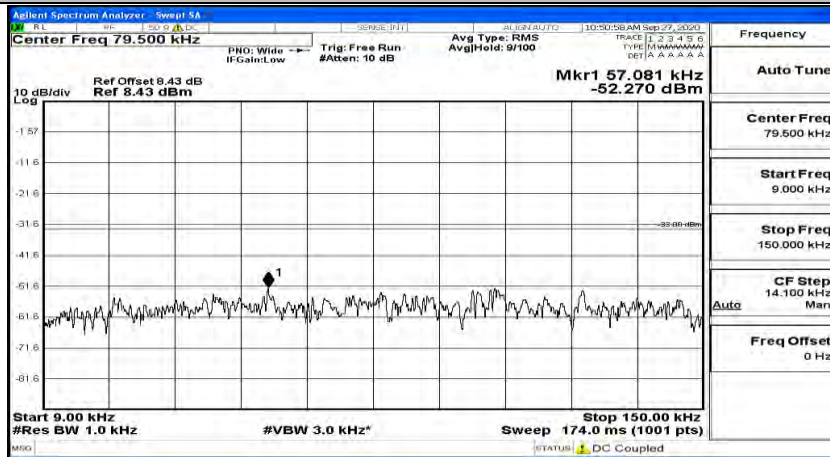


(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#12



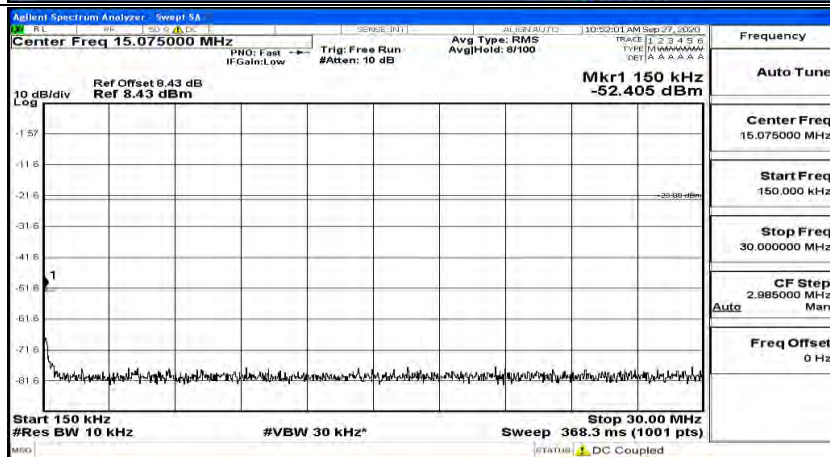
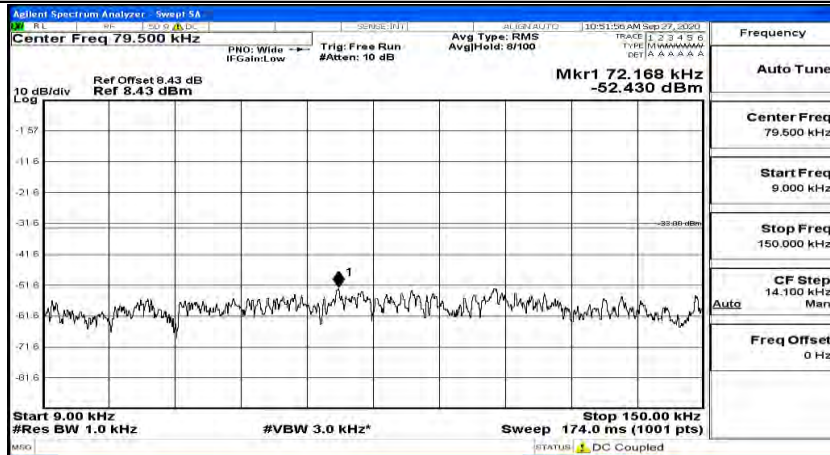


(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_1RB#24

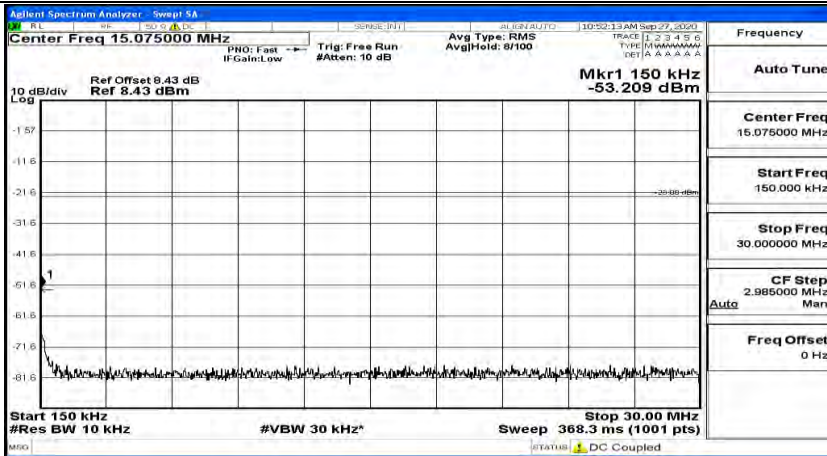
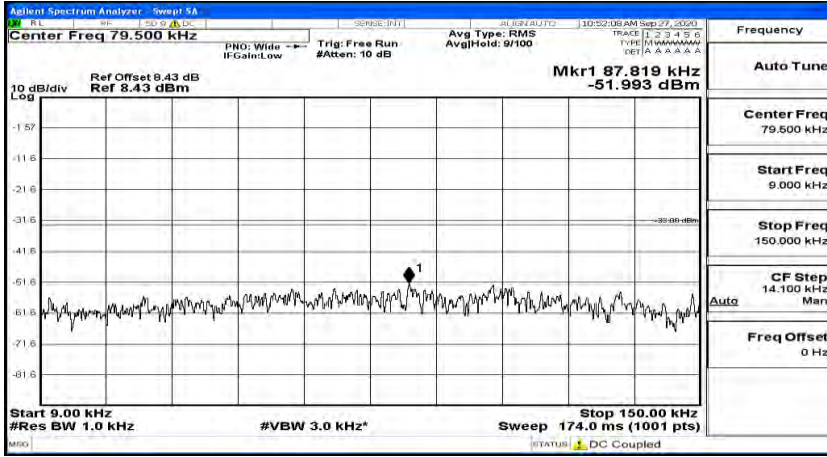




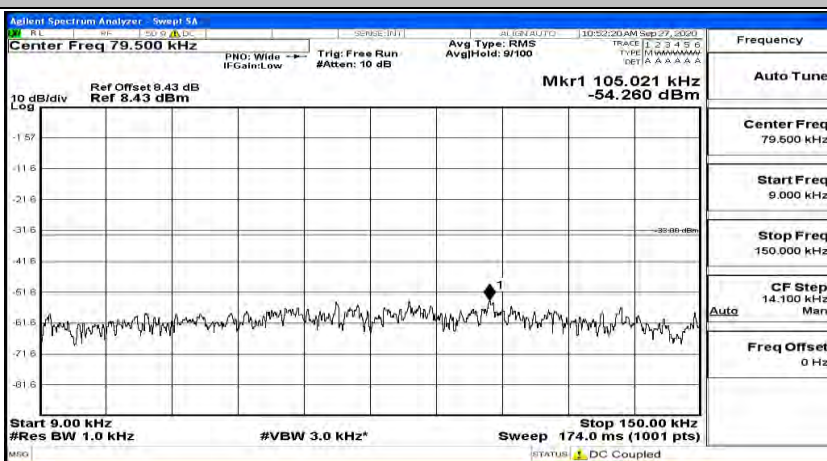
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#0

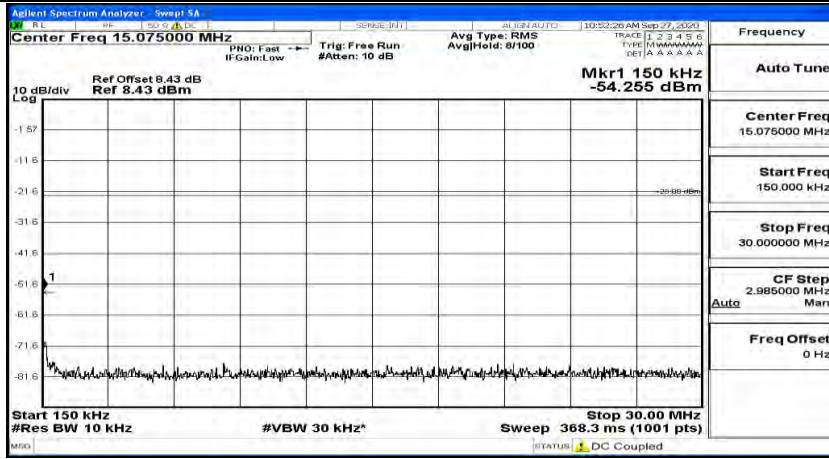


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#12

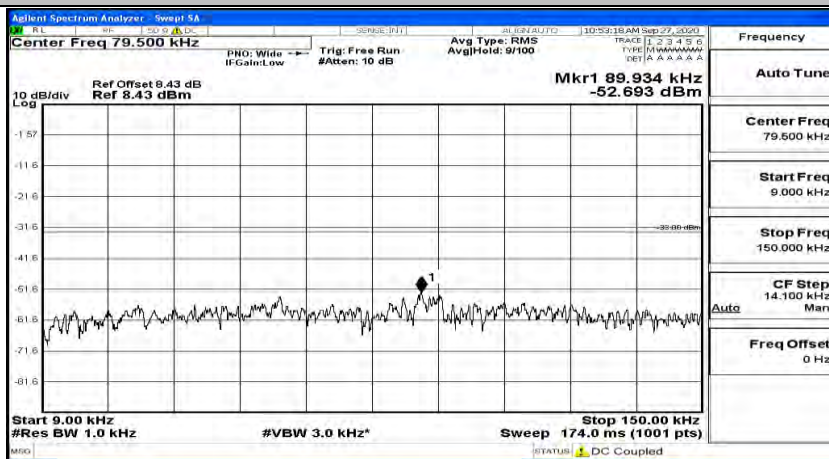


(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_1RB#24

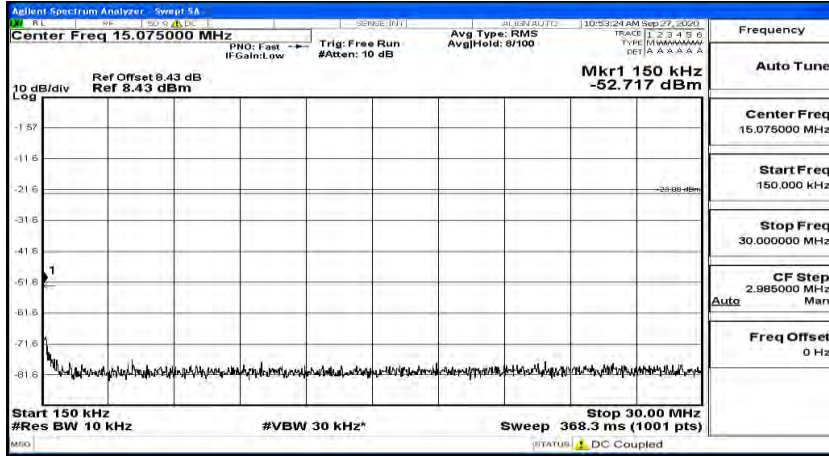




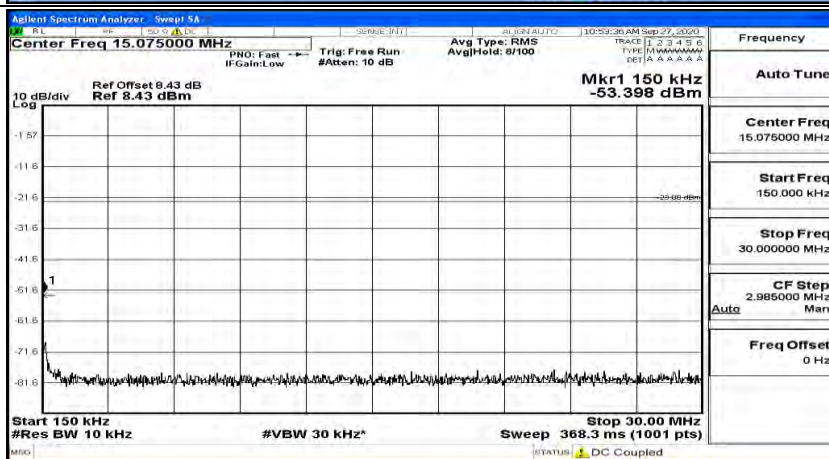
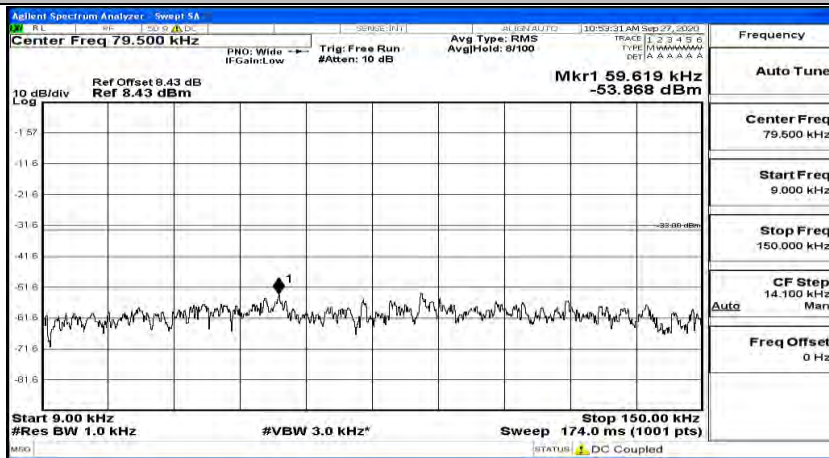
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0

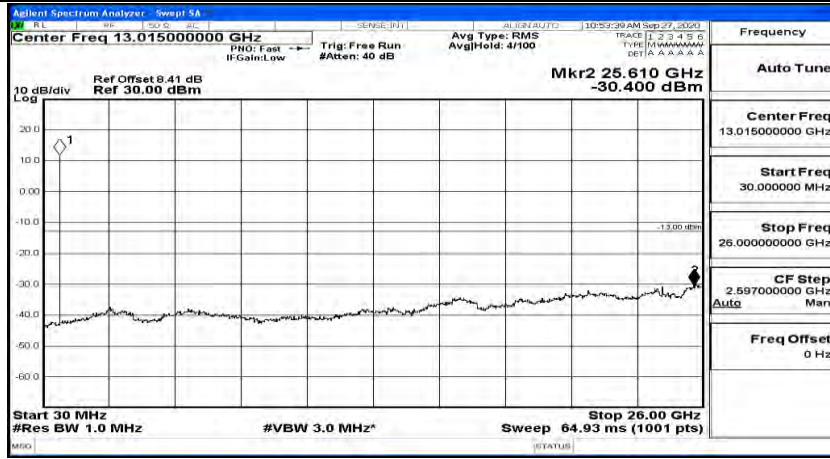




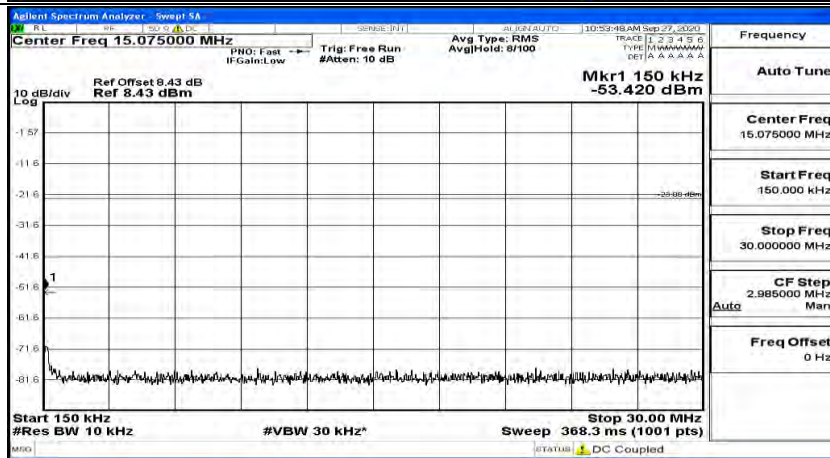
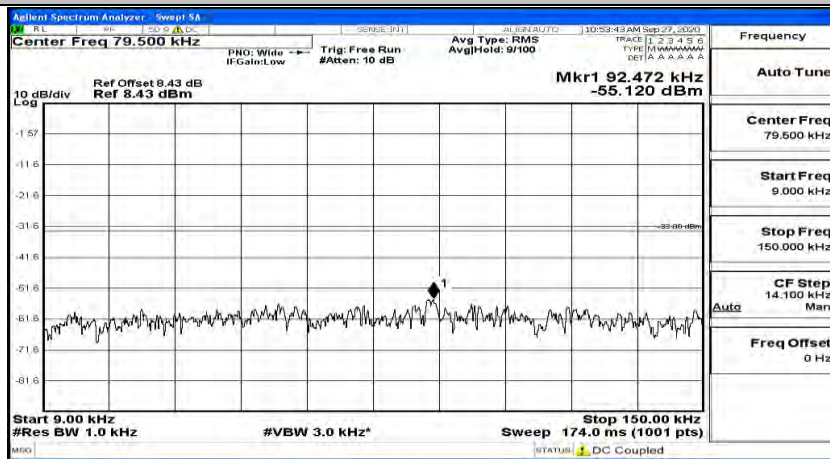


(Channel Bandwidth: 5 MHz) \_HCH\_QPSK\_1RB#12

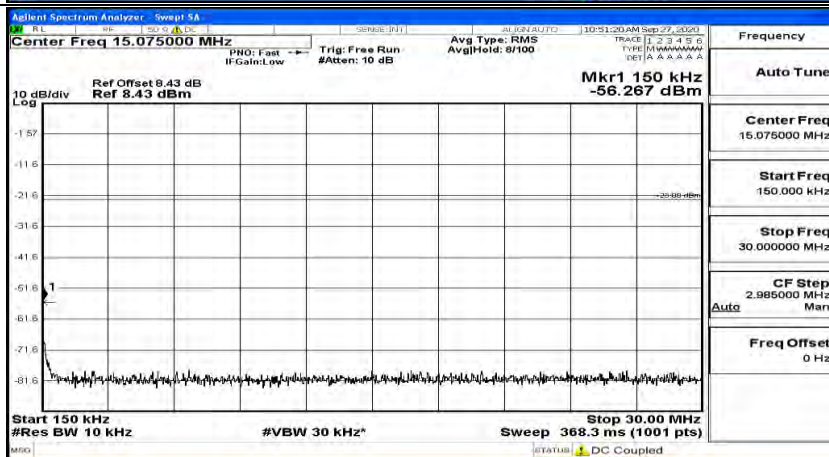
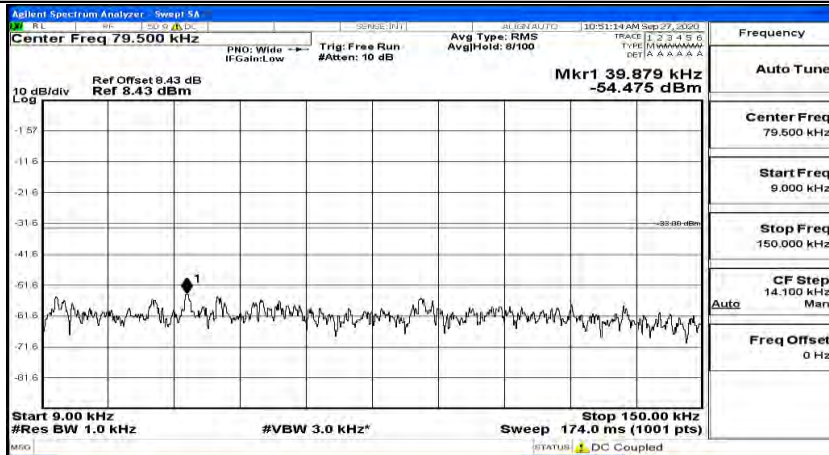




(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#24

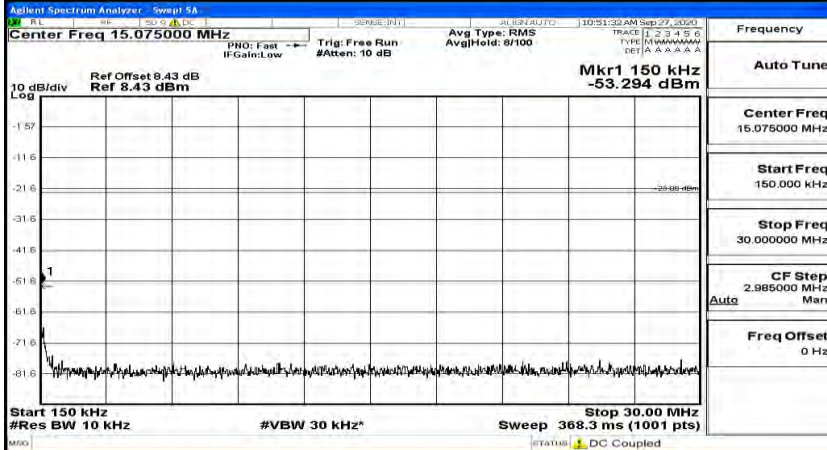
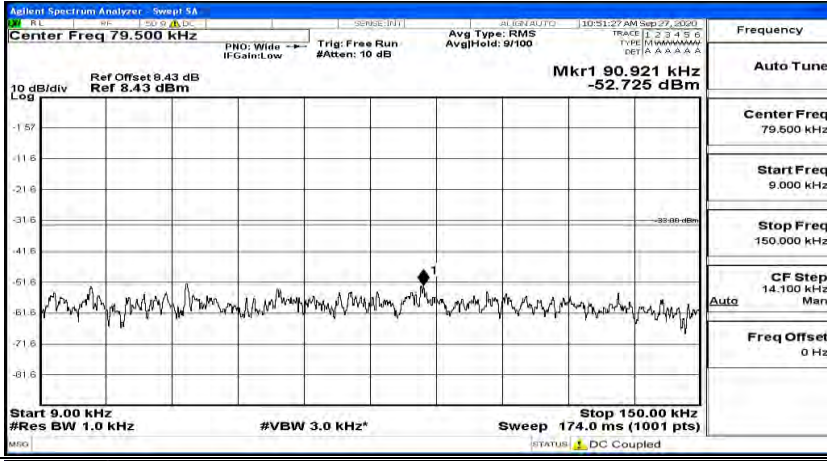


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0

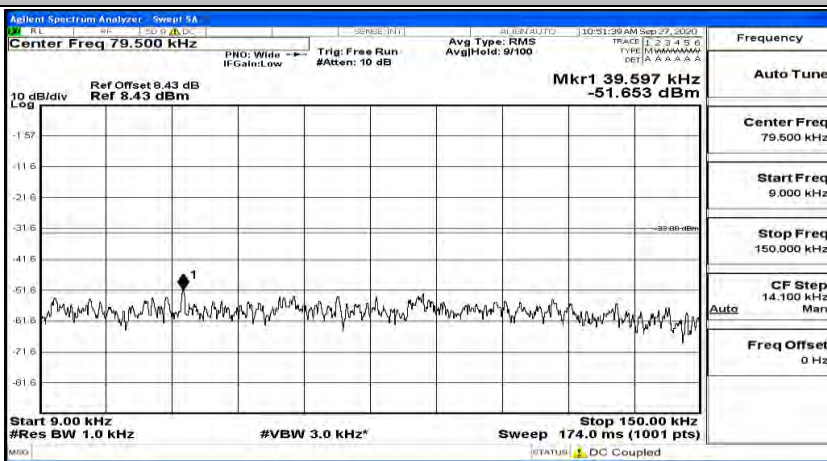


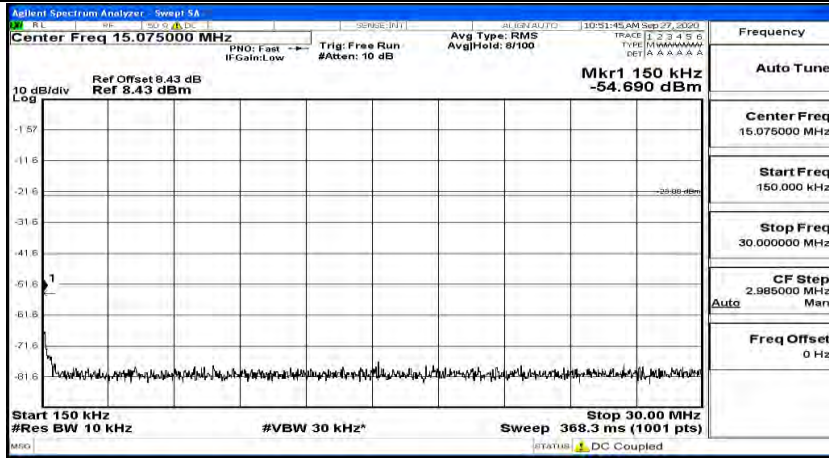
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#12



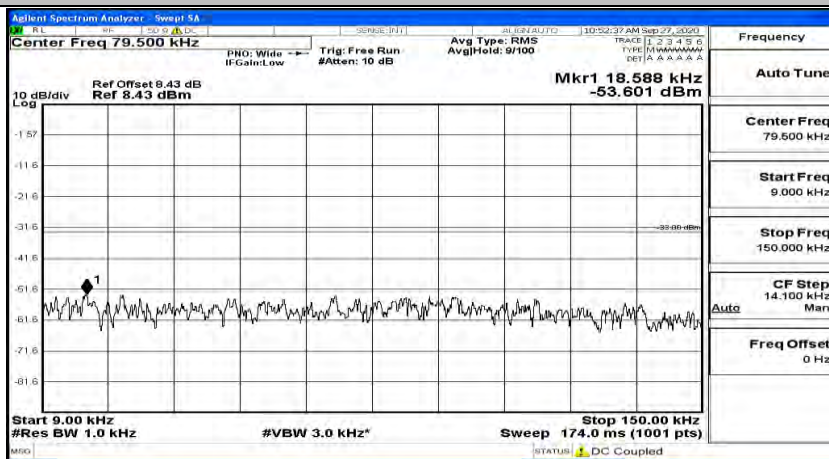


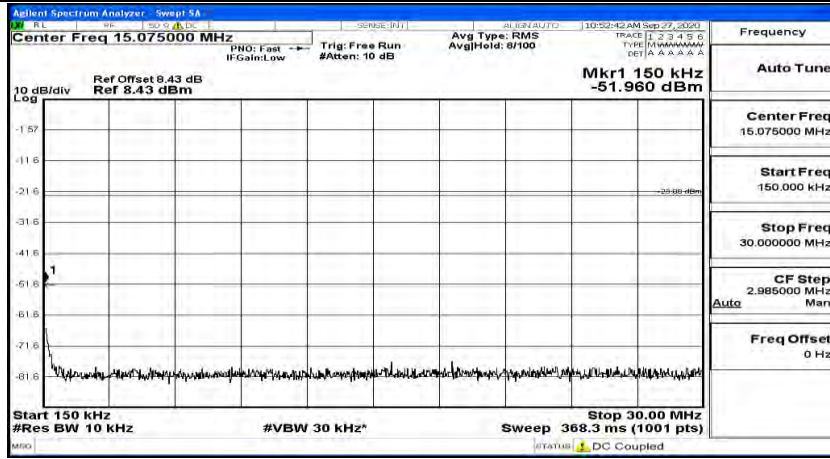
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#24



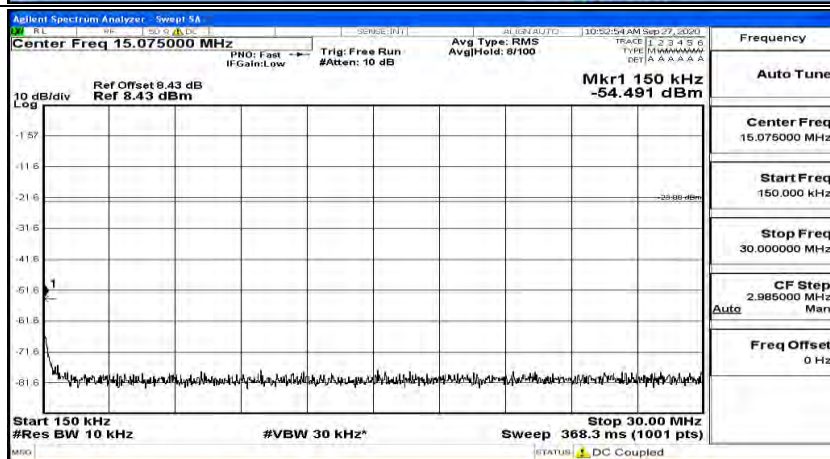
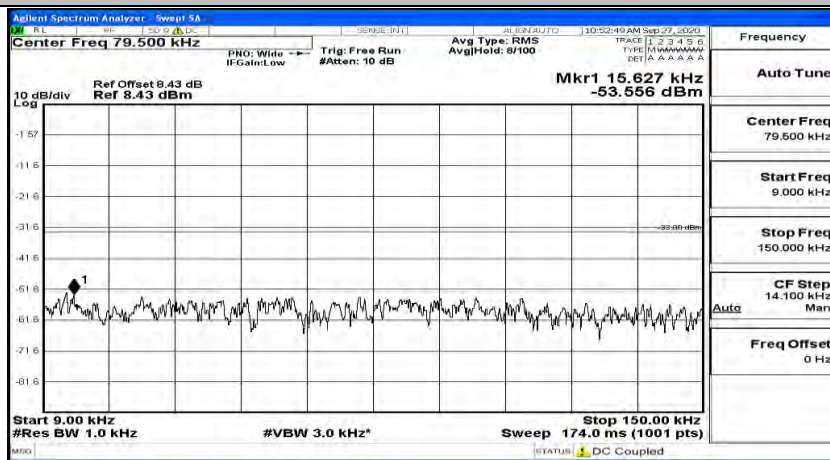


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0





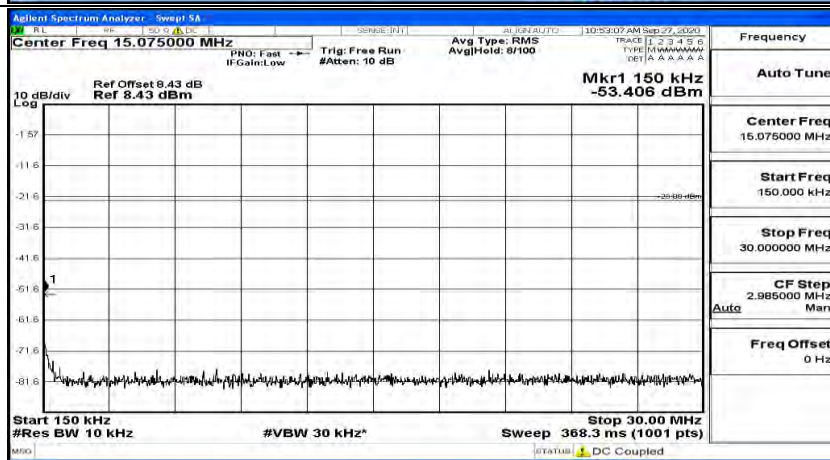
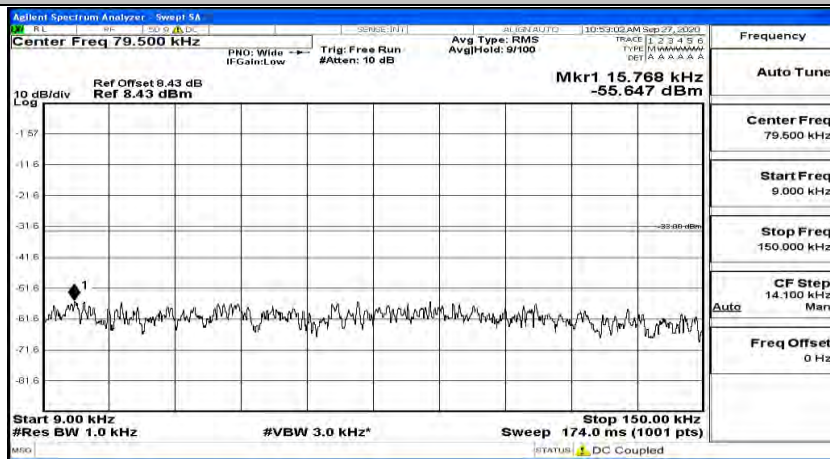
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#12



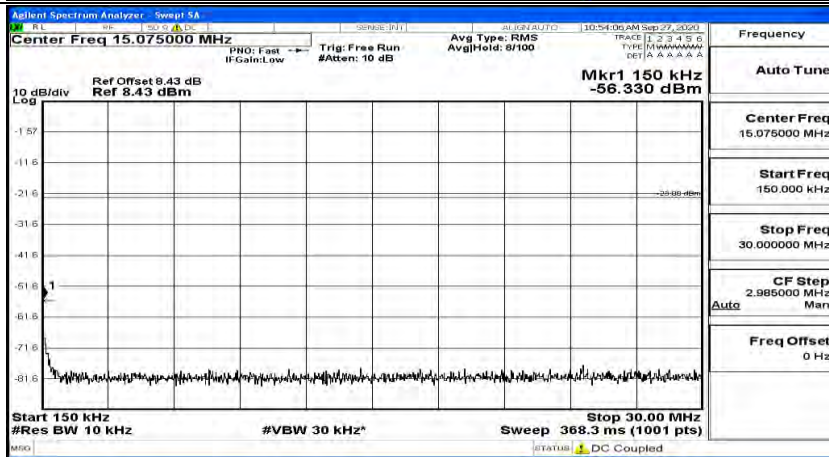
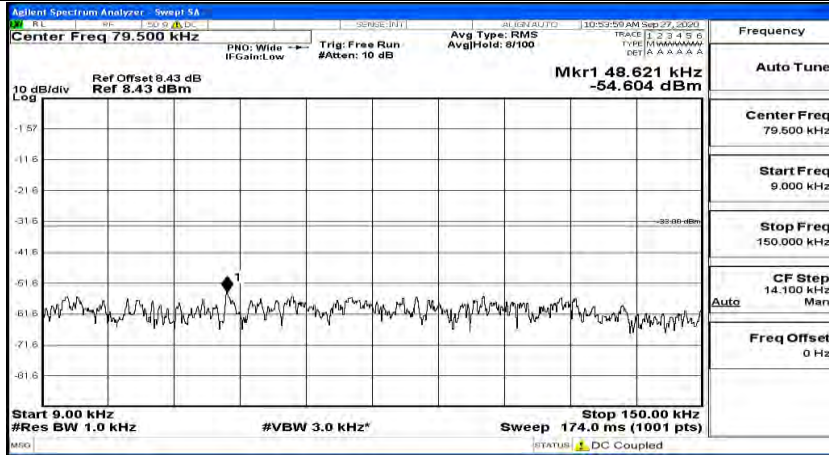




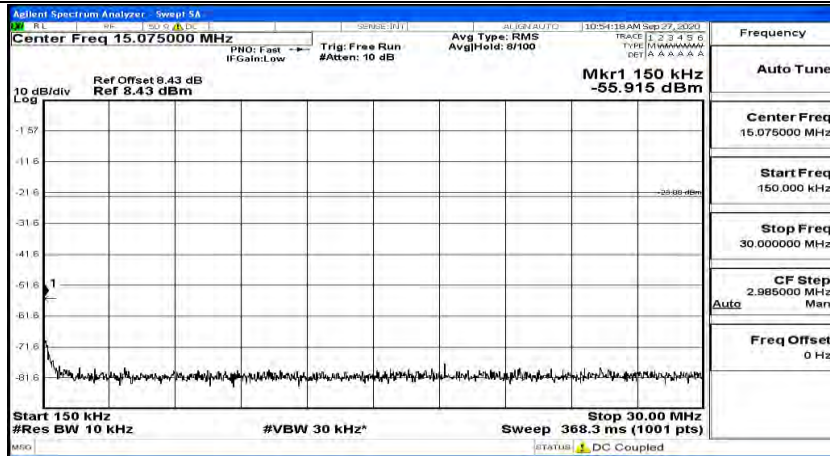
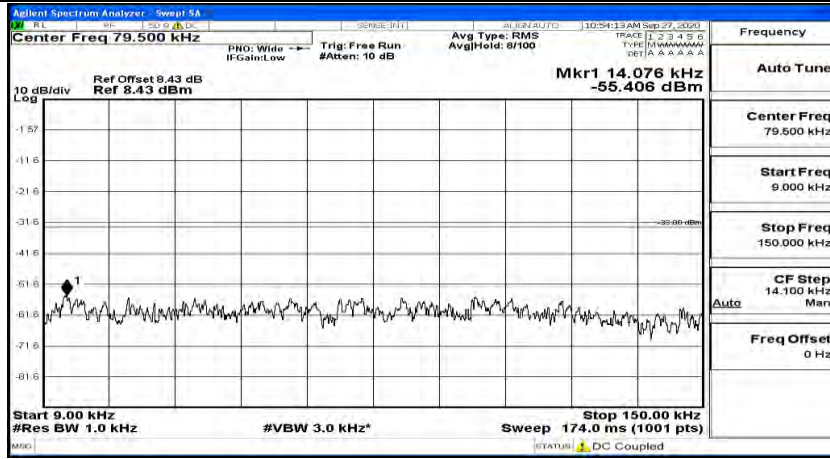
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#24



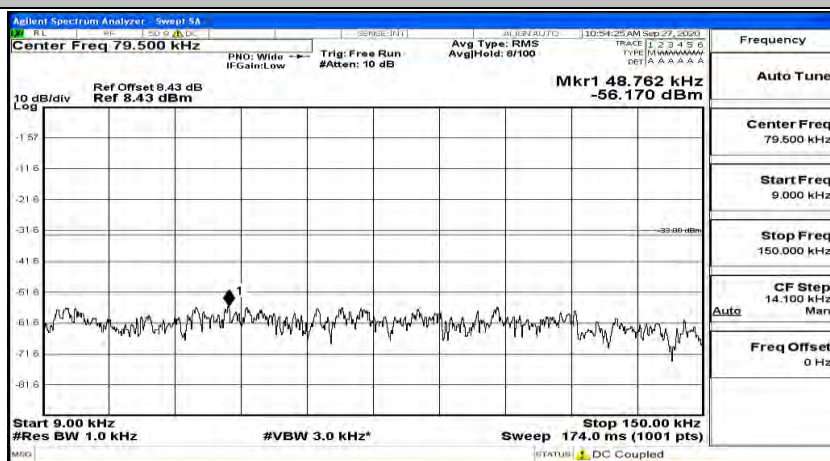
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#0



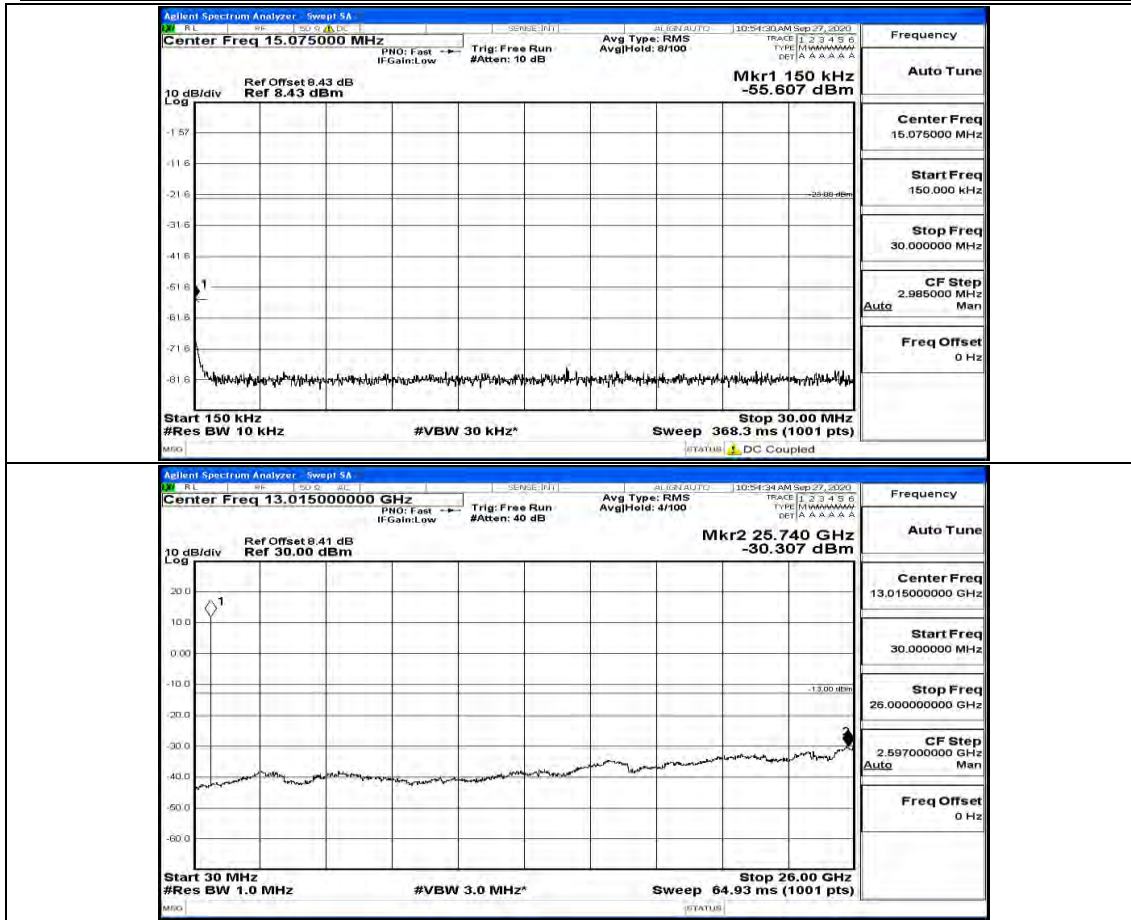
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#12



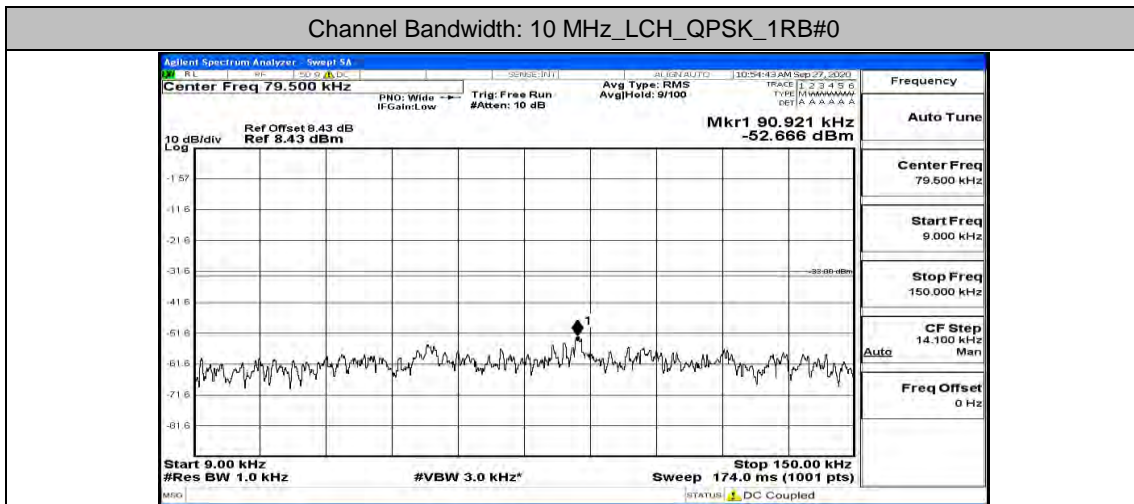
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_1RB#24

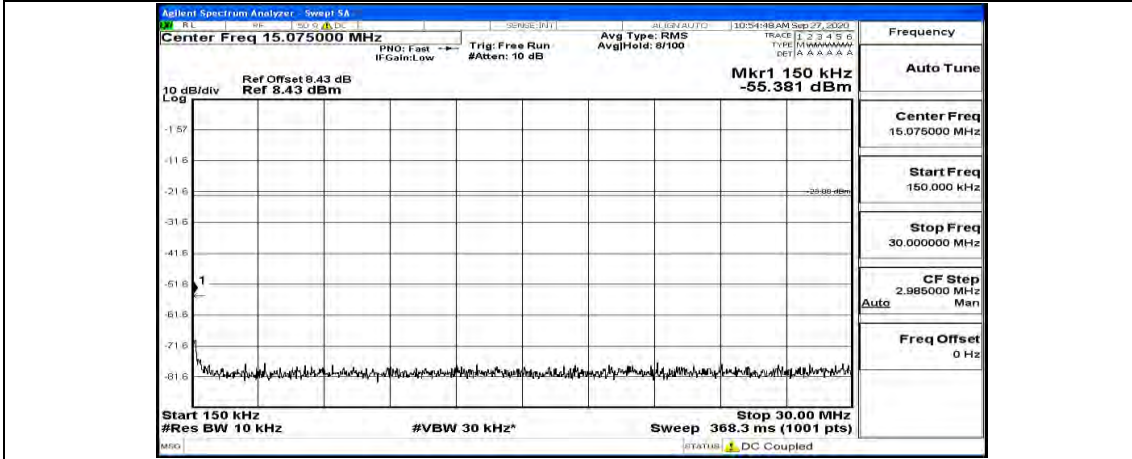




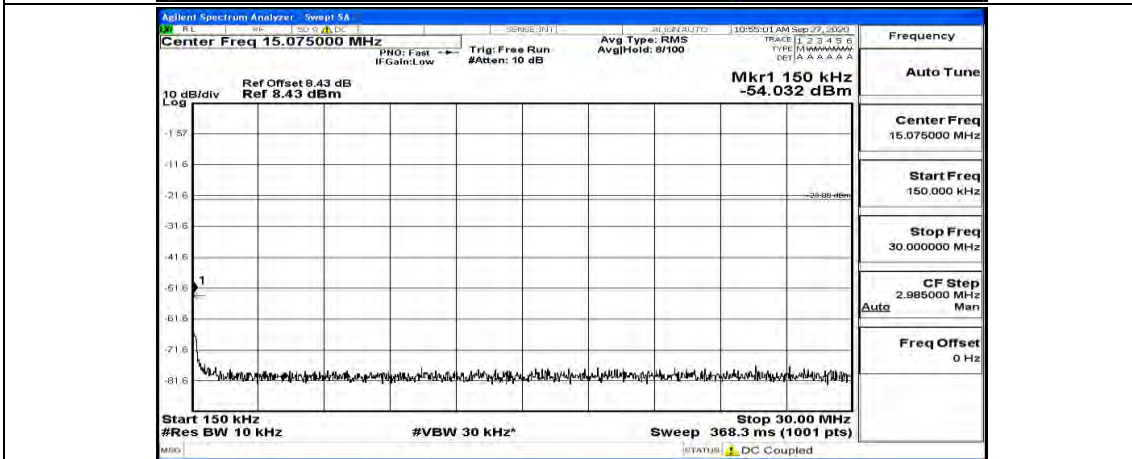
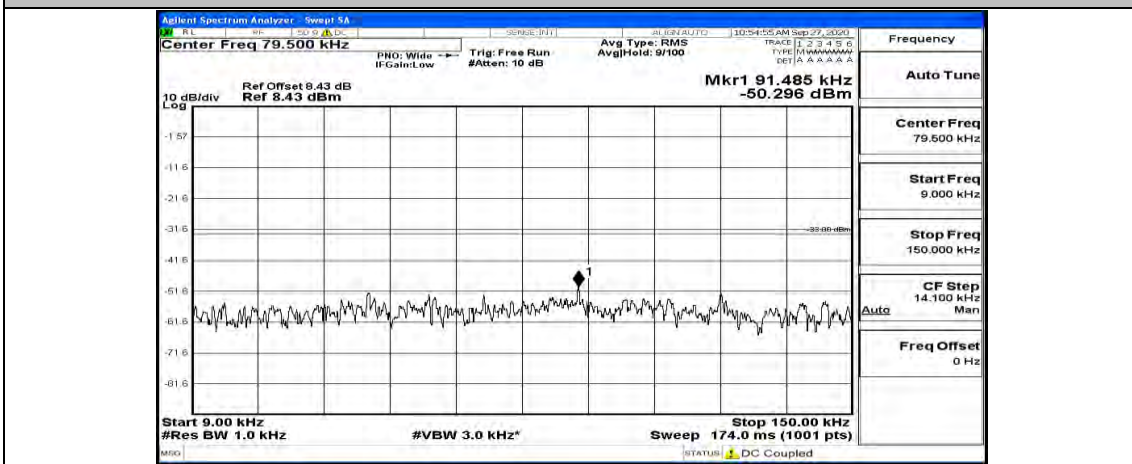


Channel Bandwidth: 10 MHz



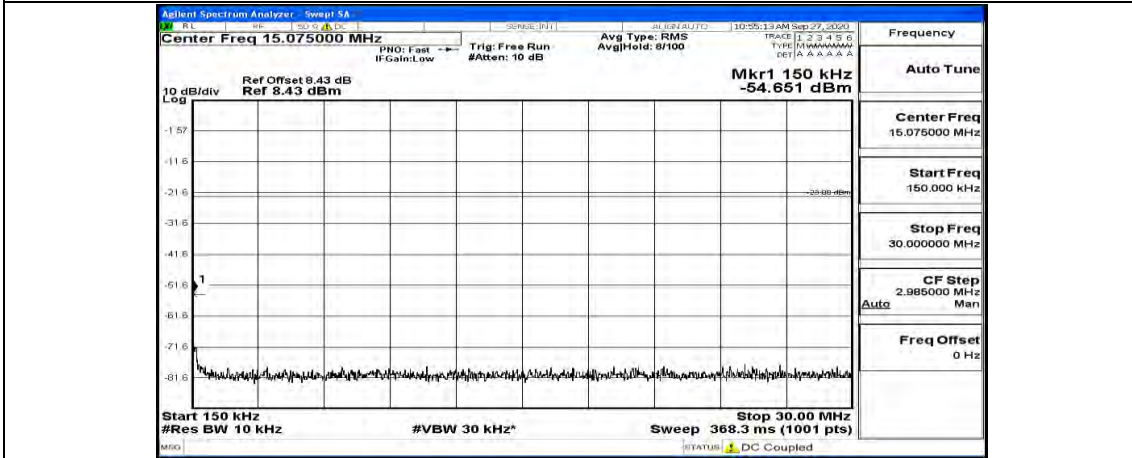
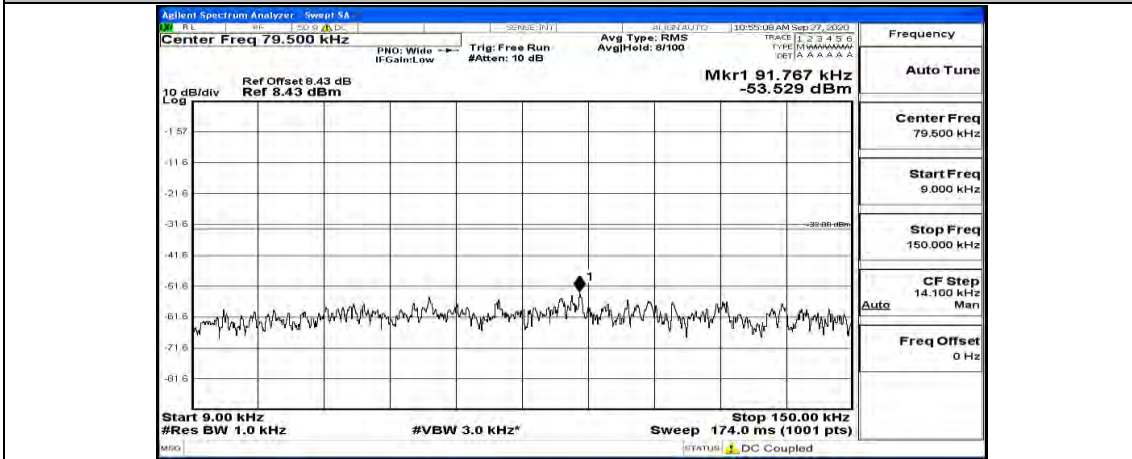


Channel Bandwidth: 10 MHz\_LCH\_QPSK\_1RB#24



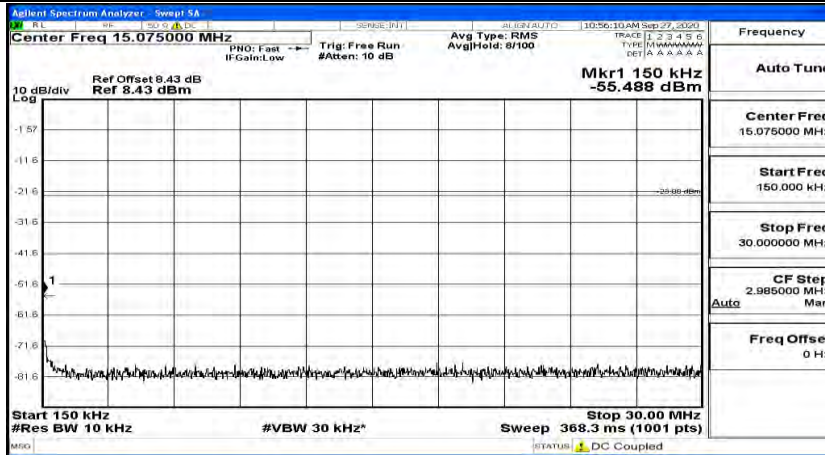
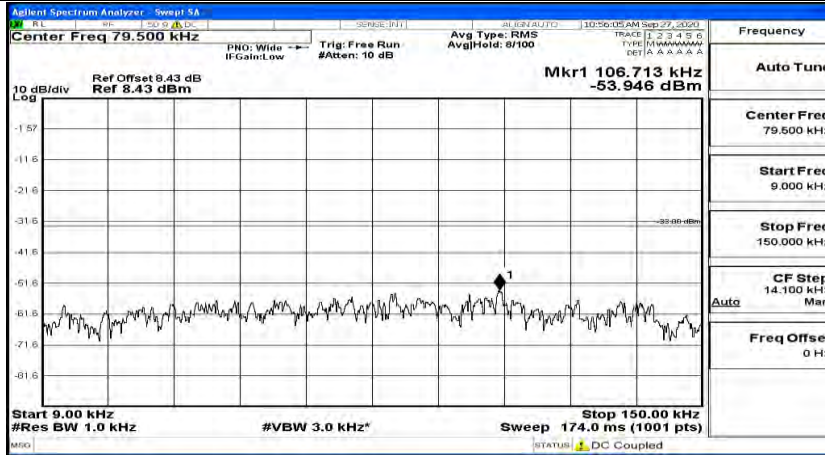


Channel Bandwidth: 10 MHz LCH\_QPSK\_1RB#49

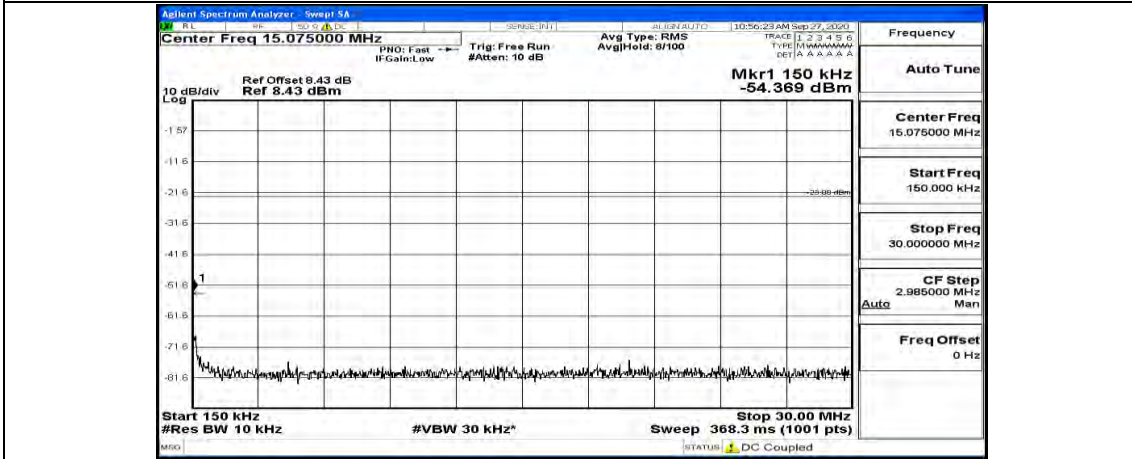
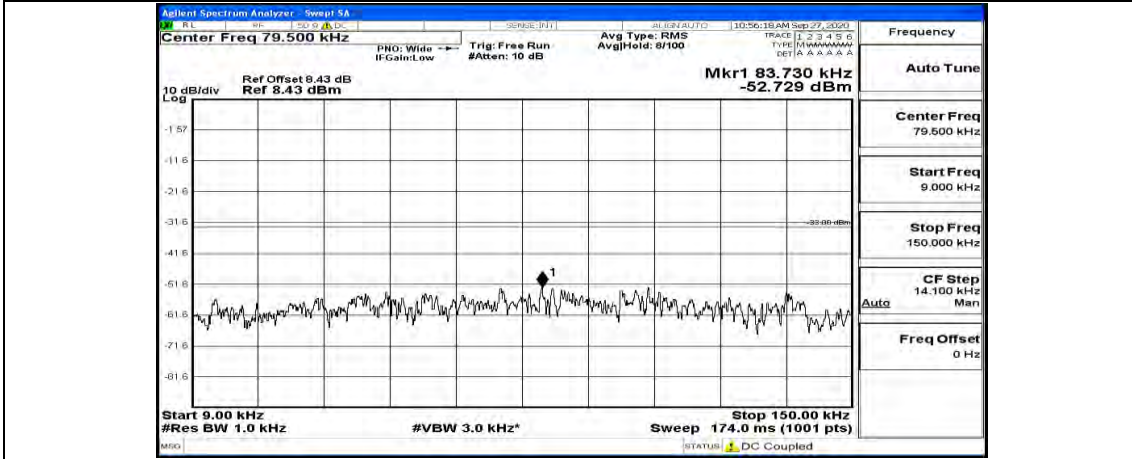




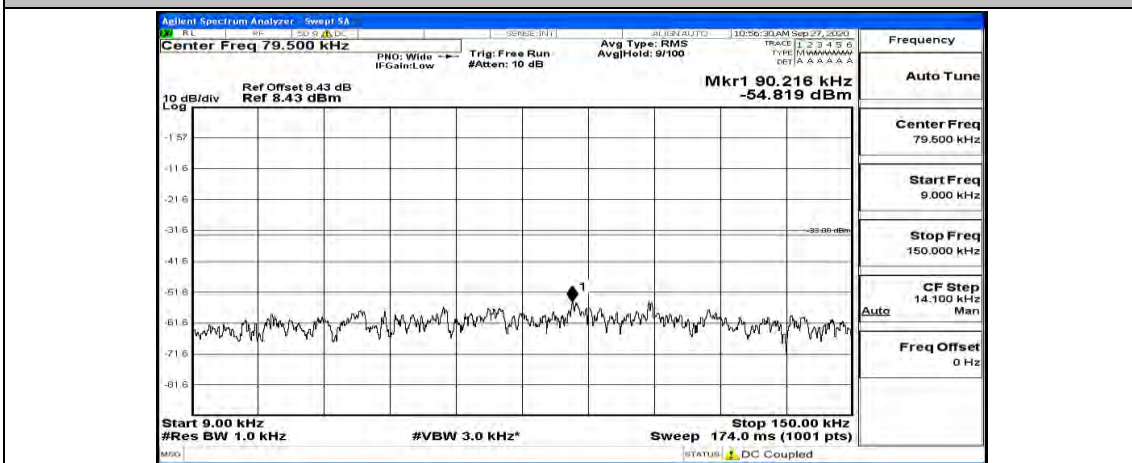
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0

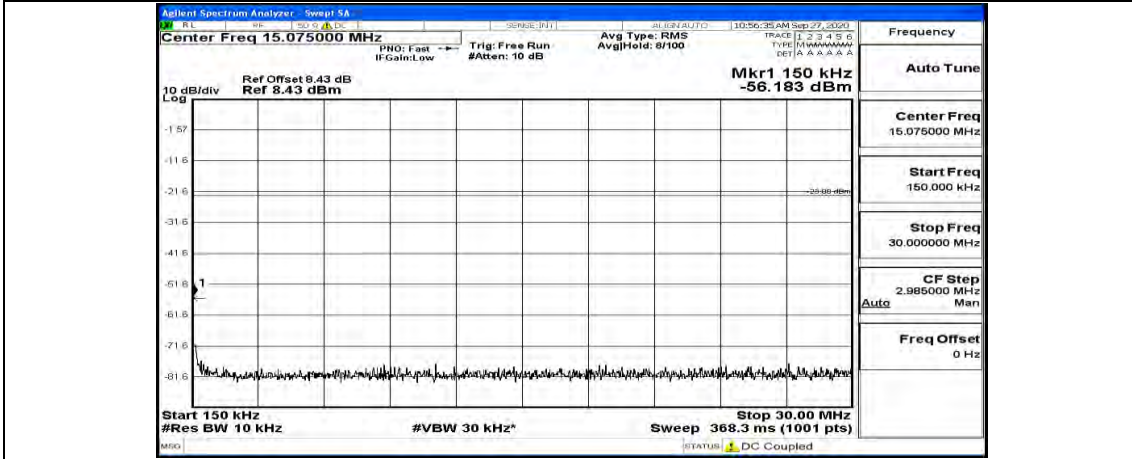


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#24

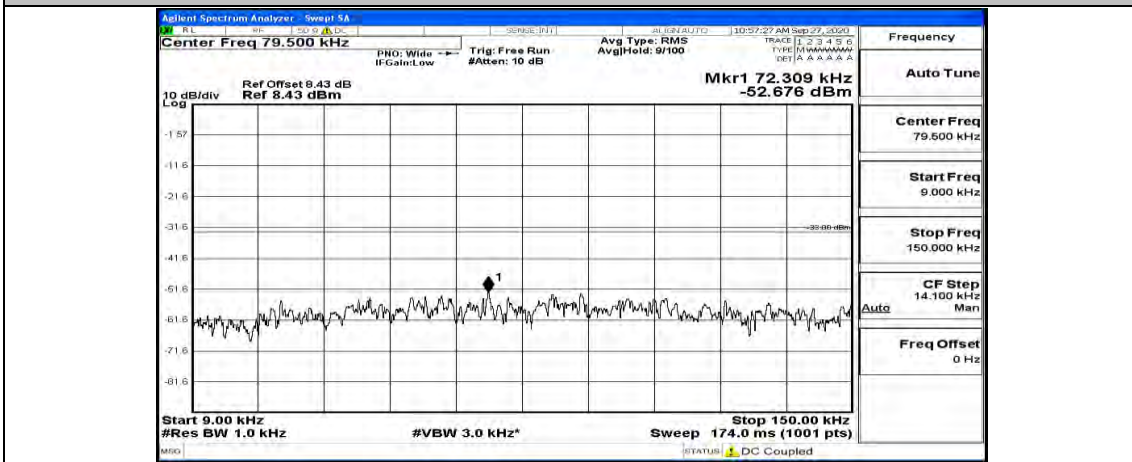


Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#49

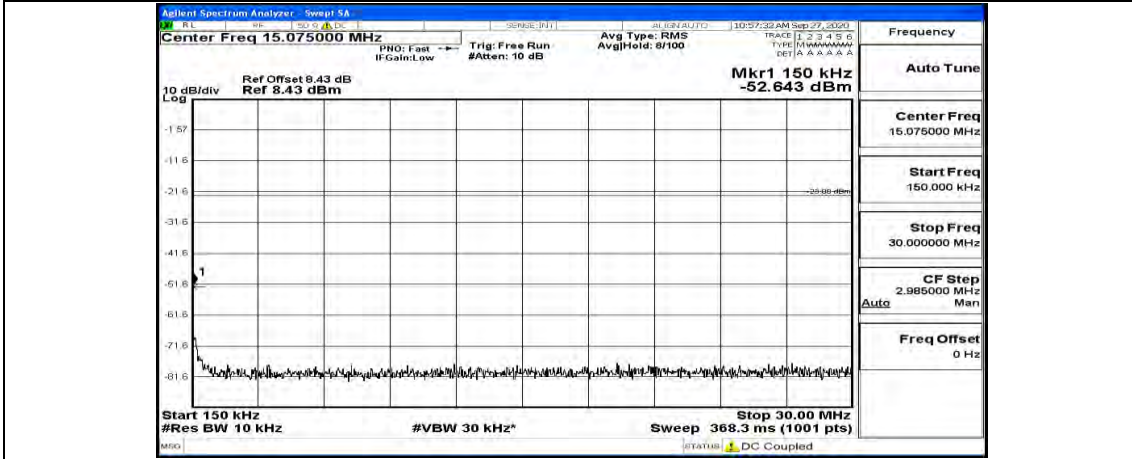




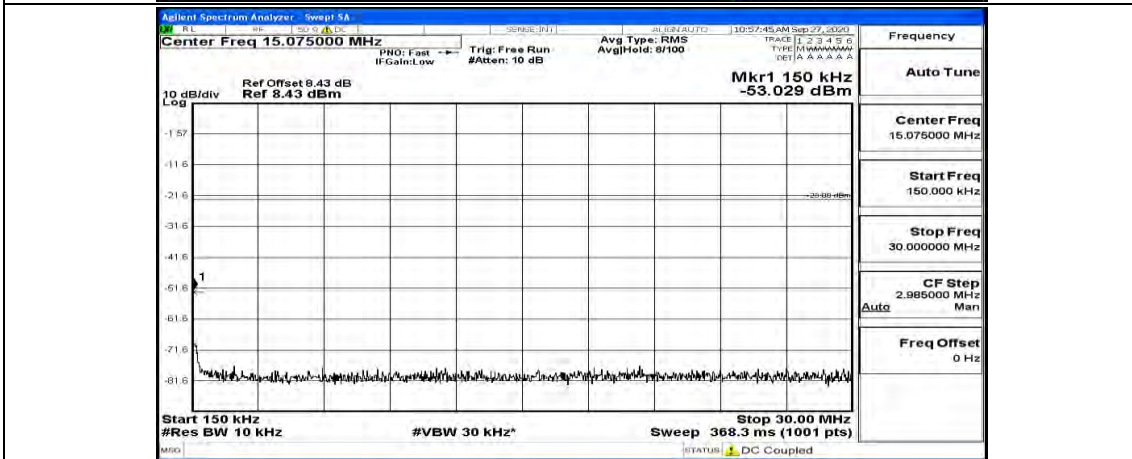
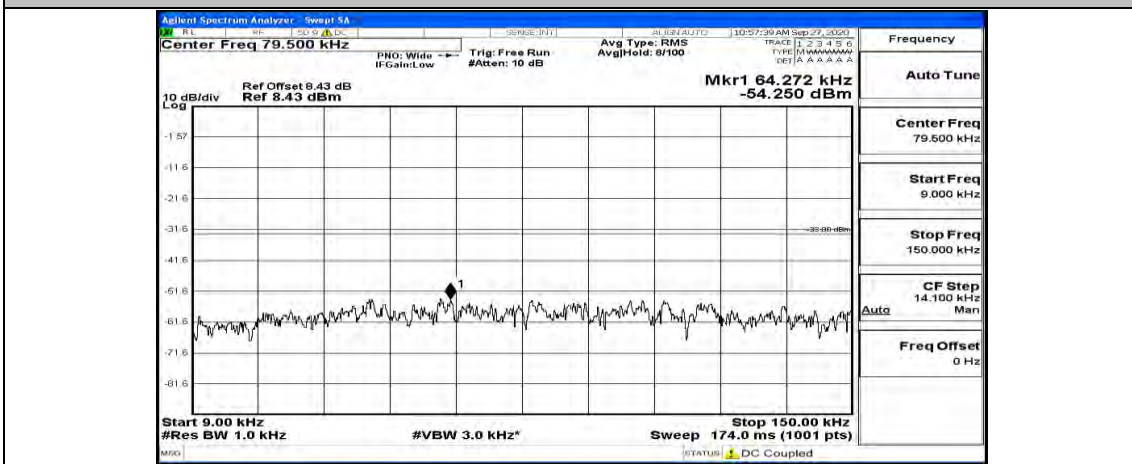
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0







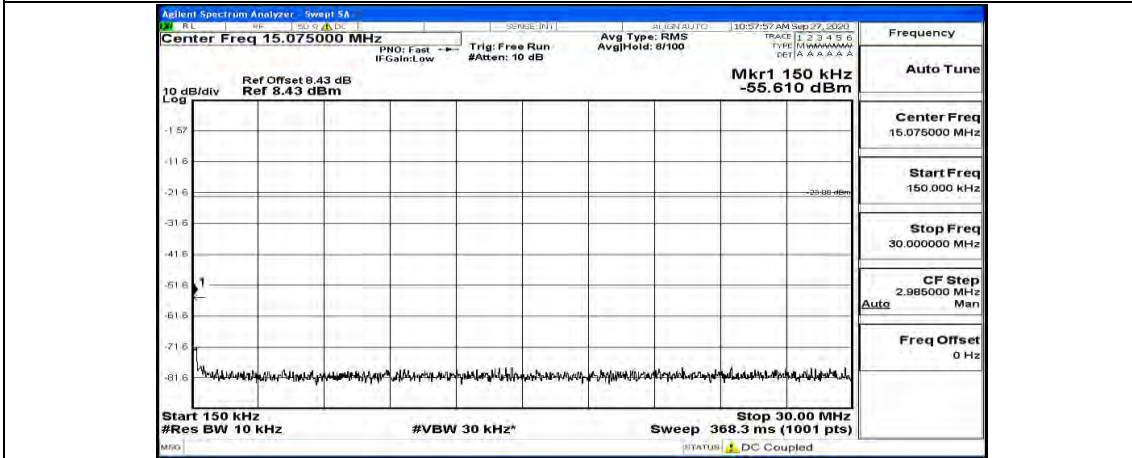
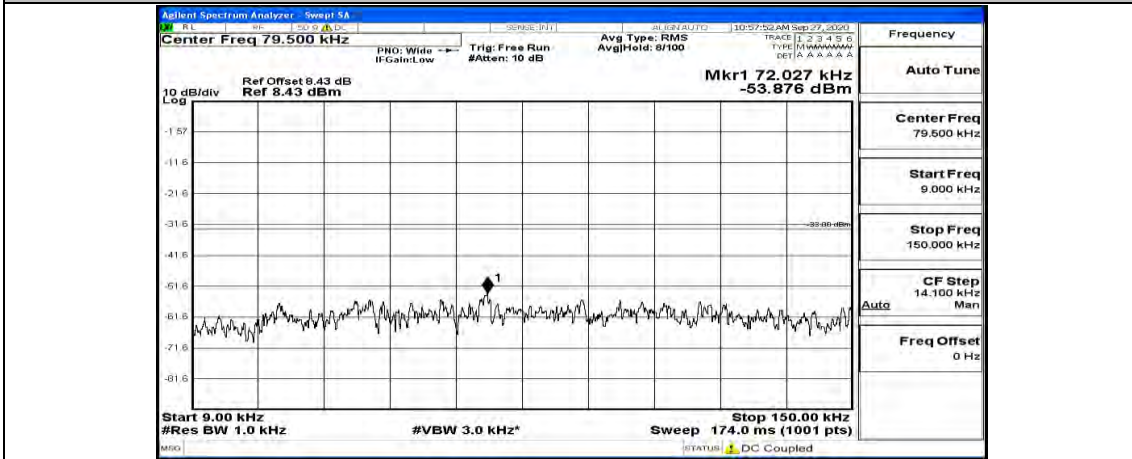
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#24



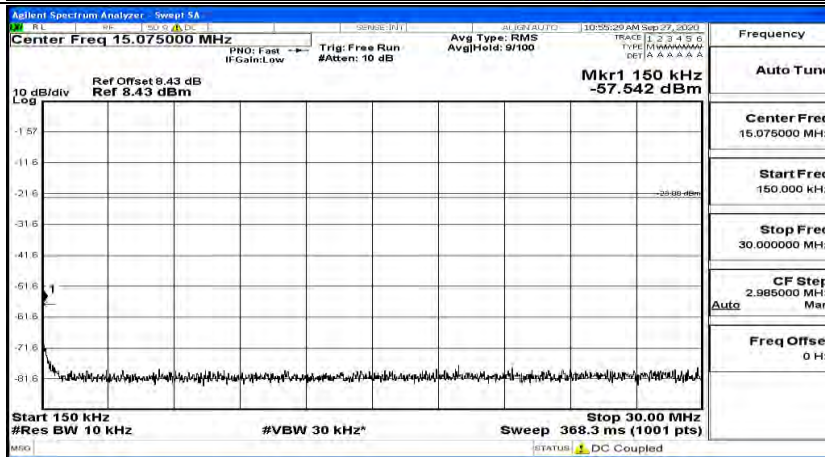
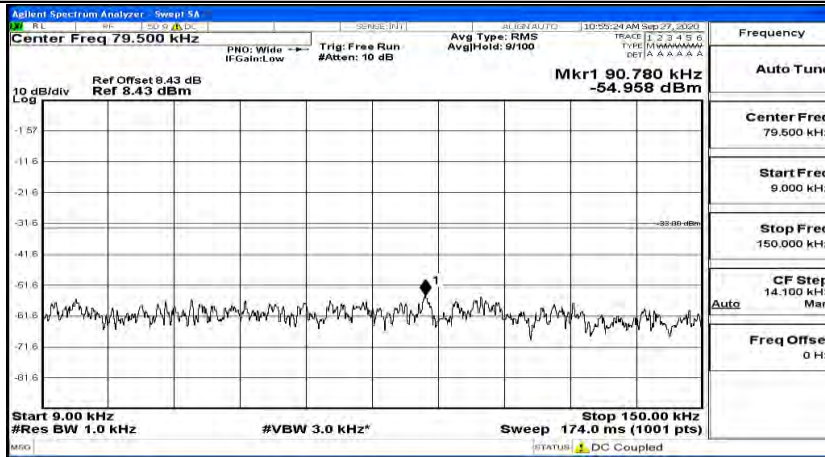




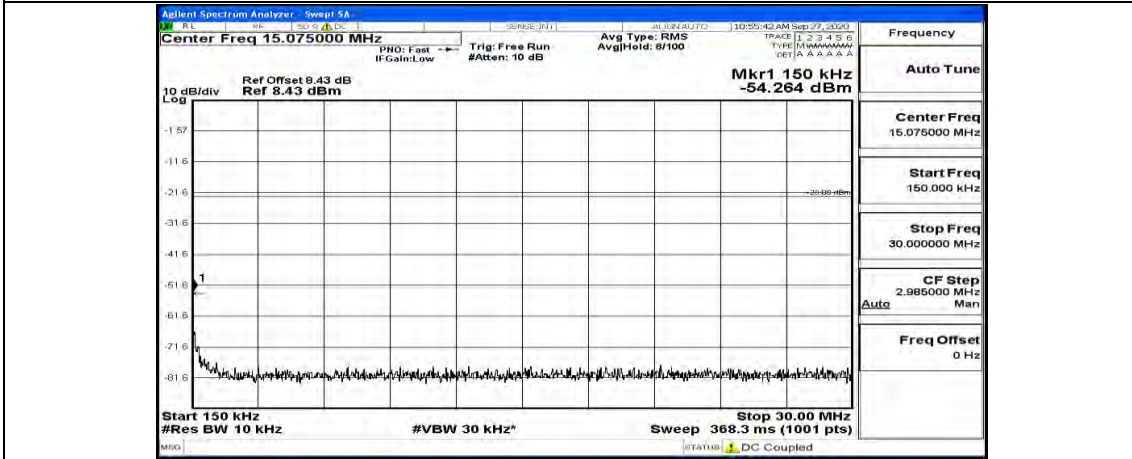
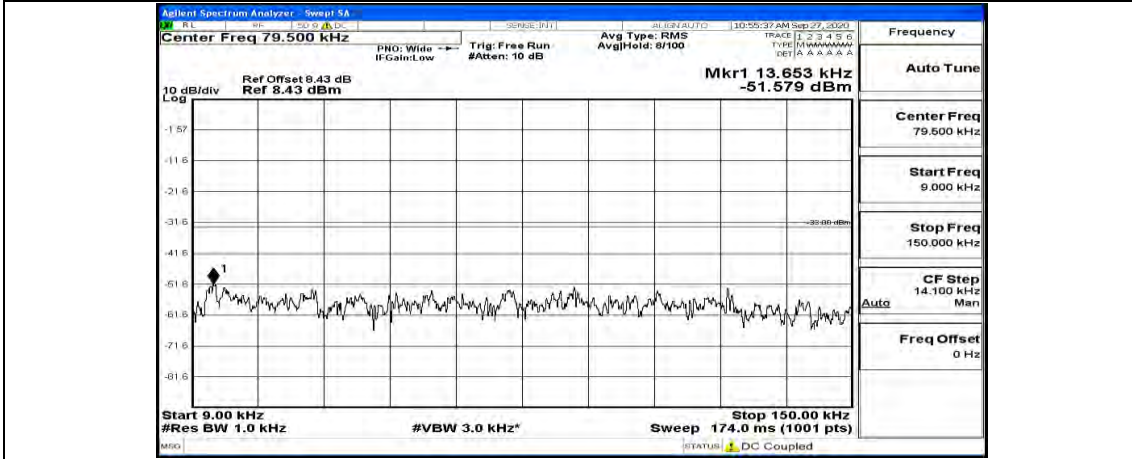
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#49



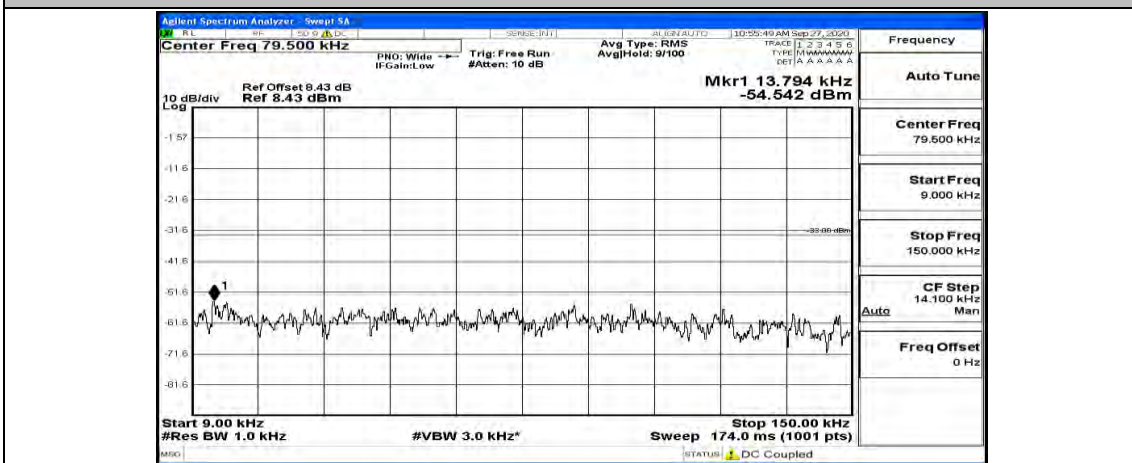
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



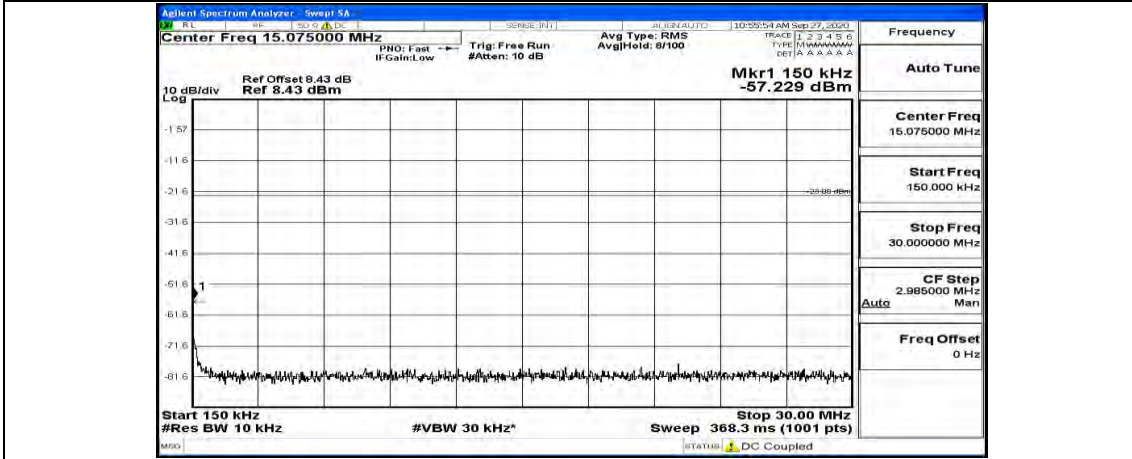
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#24



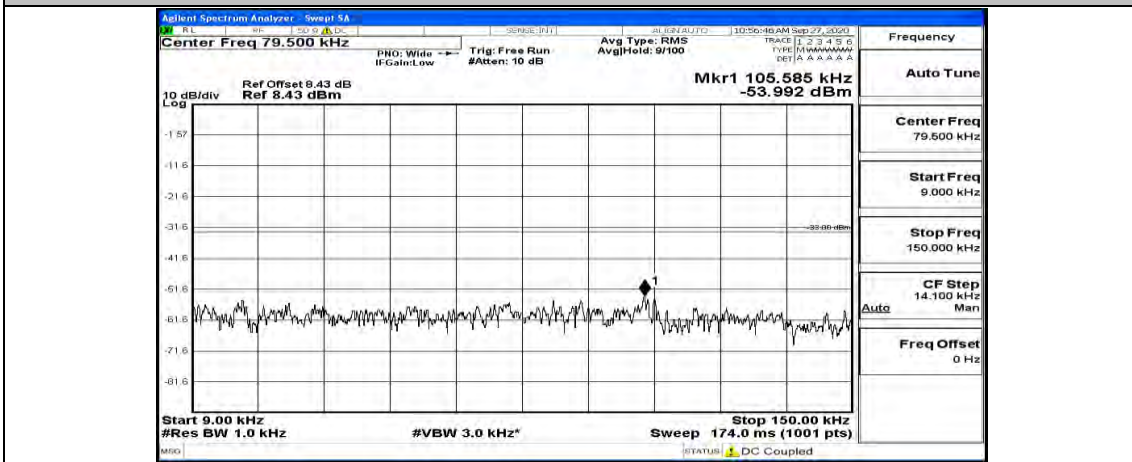
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#49

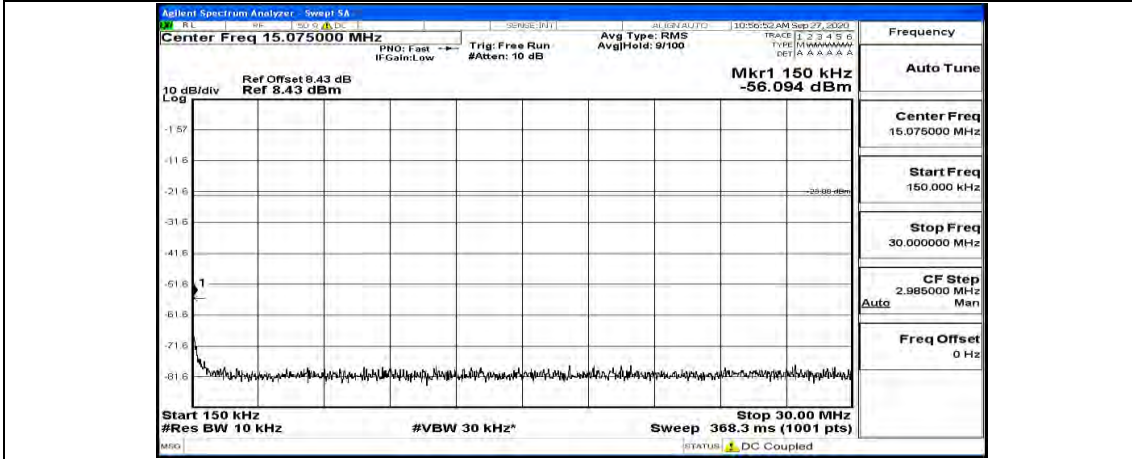




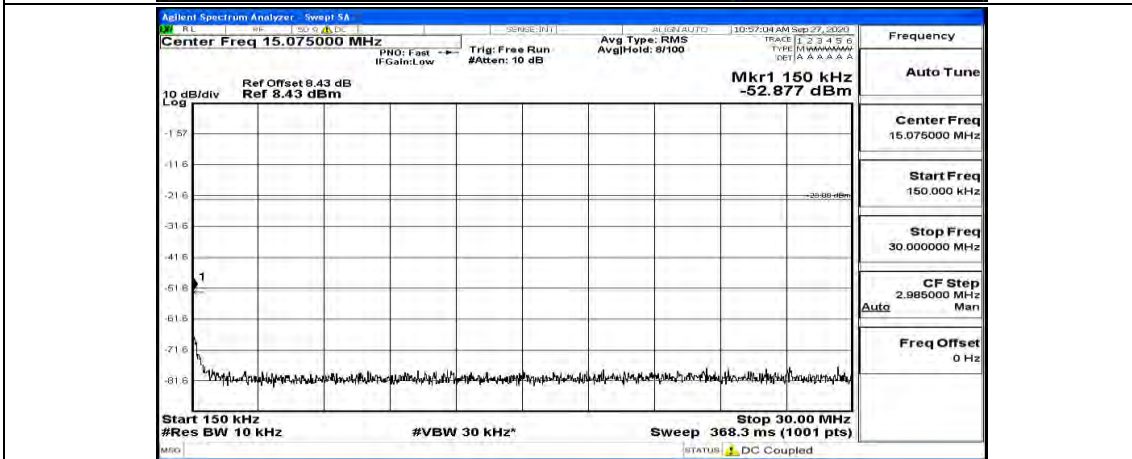
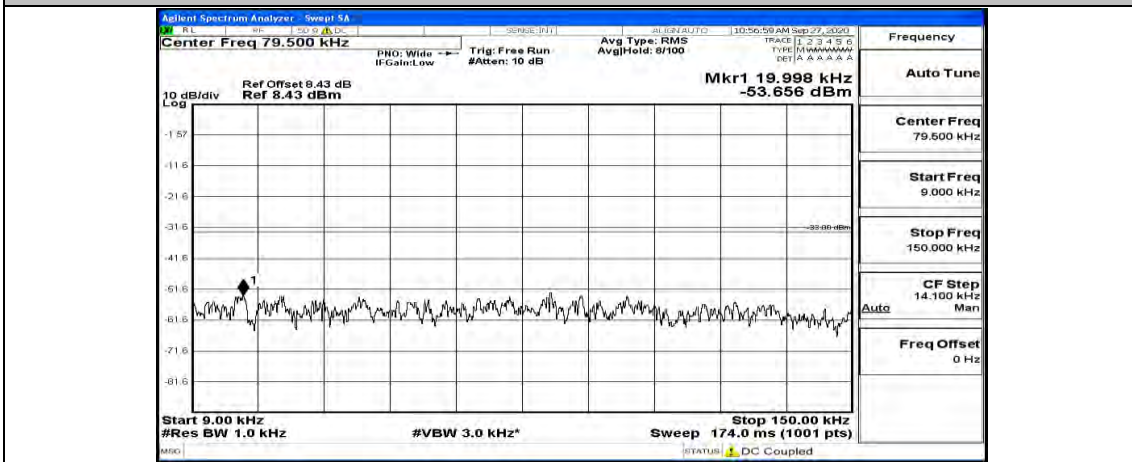


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



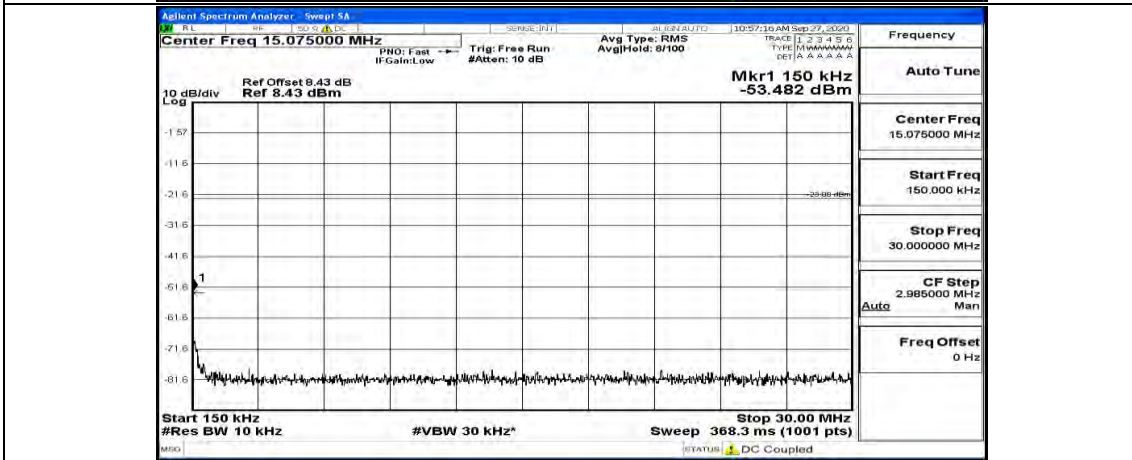
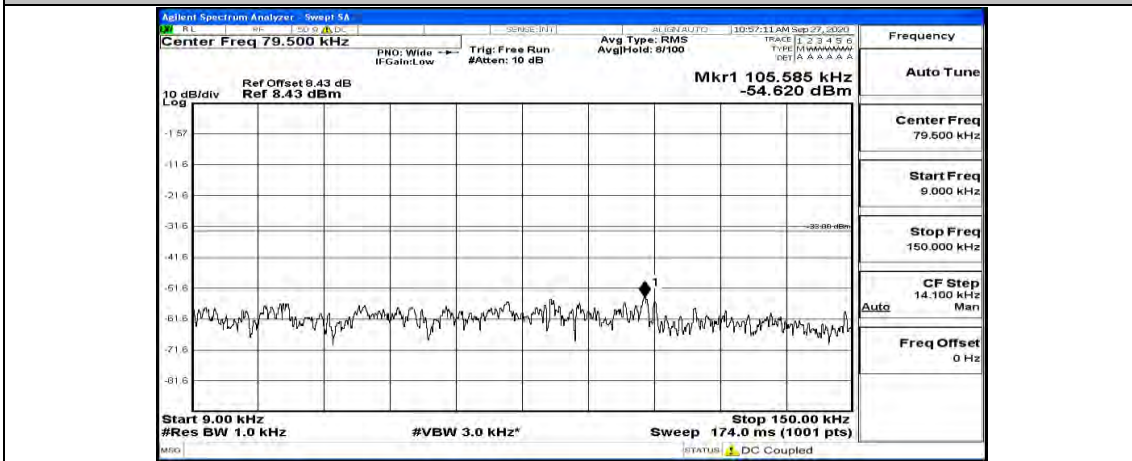


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#24



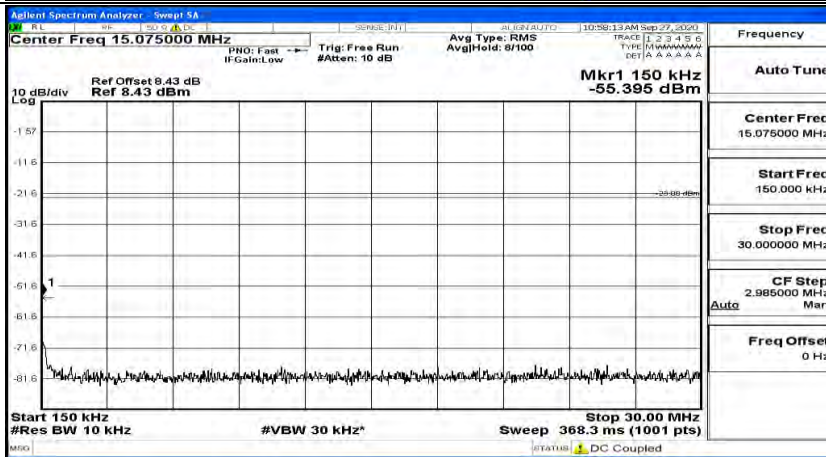
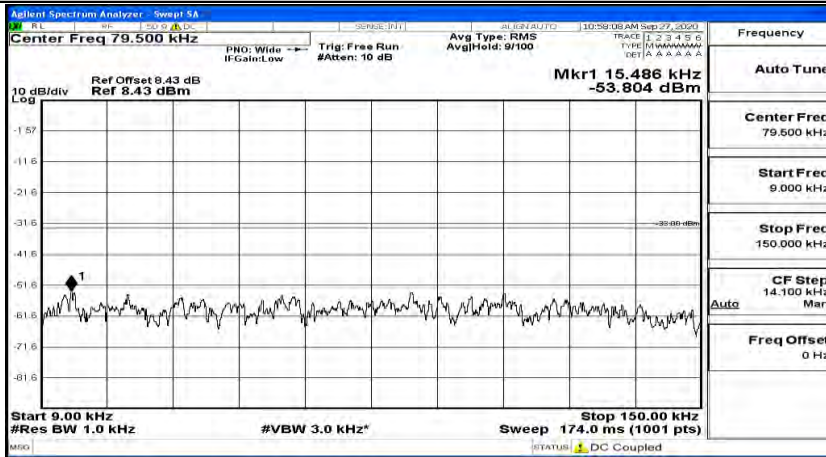


Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#49

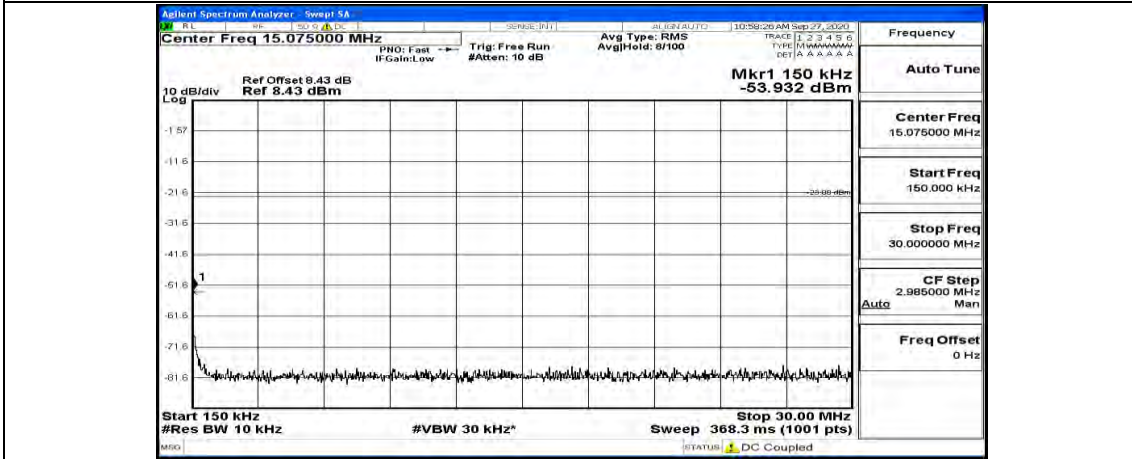
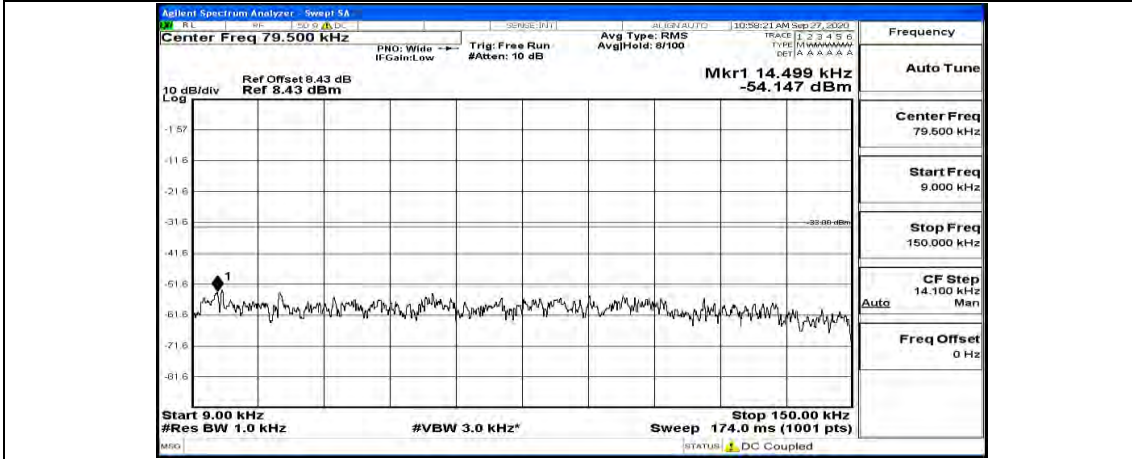




Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#0



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#24



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_1RB#49

