Appendix I: Test Data for E-UTRA Band 7

Product Name: Tablet PC

Trade Mark: duubee

Test Model: DT1052

Environmental Conditions

Temperature:	22.5° C
Relative Humidity:	53.7%
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] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	21.37	21.15	PASS
		1	12	21.34	20.96	PASS
		1	24	21.24	20.92	PASS
		12	0	21.51	20.66	PASS
		12	6	21.35	20.61	PASS
		12	13	21.34	20.54	PASS
		25	0	21.45	20.73	PASS
	MCH	1	0	22.31	20.87	PASS
		1	12	22.36	20.93	PASS
		1	24	22.33	21.02	PASS
		12	0	21.25	20.19	PASS
		12	6	21.28	20.29	PASS
		12	13	21.22	20.23	PASS
		25	0	21.31	20.38	PASS
	HCH	1	0	21.99	20.72	PASS
		1	12	22.04	20.82	PASS
		1	24	22.06	20.97	PASS
		12	0	21.91	20.89	PASS
		12	6	21.97	20.96	PASS
		12	13	21.58	20.55	PASS
		25	0	21.46	20.27	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	21.37	21.44	PASS
		1	24	21.29	21.28	PASS
		1	49	21.20	21.19	PASS
		25	0	21.36	20.49	PASS
		25	12	21.37	20.46	PASS
		25	25	21.29	20.40	PASS
		50	0	21.38	20.53	PASS
	MCH	1	0	22.15	21.74	PASS
		1	24	22.36	21.89	PASS
		1	49	22.26	21.97	PASS
		25	0	21.14	20.37	PASS
		25	12	21.27	20.36	PASS
		25	25	21.41	20.46	PASS
		50	0	21.20	20.46	PASS
	HCH	1	0	21.72	21.05	PASS
		1	24	21.81	21.19	PASS
		1	49	22.03	21.44	PASS
		25	0	21.72	20.92	PASS
		25	12	21.29	20.35	PASS
		25	25	21.45	20.28	PASS
		50	0	21.39	20.27	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	21.37	21.52	PASS
		1	37	21.19	21.38	PASS
		1	74	21.29	21.43	PASS
		37	0	21.36	20.44	PASS
		37	18	21.24	20.35	PASS
		37	38	21.33	20.36	PASS
		75	0	21.26	20.47	PASS
	MCH	1	0	22.07	22.04	PASS
		1	37	22.28	22.31	PASS
		1	74	22.34	22.30	PASS
		37	0	21.17	20.24	PASS
		37	18	21.20	20.40	PASS
		37	38	21.39	20.48	PASS
		75	0	21.30	20.34	PASS
	HCH	1	0	21.78	21.00	PASS
		1	37	21.83	20.91	PASS
		1	74	22.02	21.22	PASS
		37	0	21.80	20.86	PASS
		37	18	21.85	20.89	PASS
		37	38	21.88	20.97	PASS
		75	0	21.76	20.90	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	21.53	20.34	PASS
		1	49	21.35	20.08	PASS
		1	99	21.54	20.60	PASS
		50	0	21.35	20.56	PASS
		50	25	21.33	20.41	PASS
		50	50	21.38	20.55	PASS
		100	0	21.44	20.49	PASS
	MCH	1	0	22.12	21.18	PASS
		1	49	22.52	21.29	PASS
		1	99	22.48	21.25	PASS
		50	0	21.12	20.24	PASS
		50	25	21.19	20.29	PASS
		50	50	21.37	20.39	PASS
		100	0	21.25	20.26	PASS
	HCH	1	0	21.92	21.20	PASS
		1	49	21.66	21.07	PASS
		1	99	21.96	21.24	PASS
		50	0	21.77	20.88	PASS
		50	25	21.79	20.90	PASS
		50	50	21.64	20.70	PASS
		100	0	21.79	20.82	PASS

I.2 Peak-to-Average Ratio

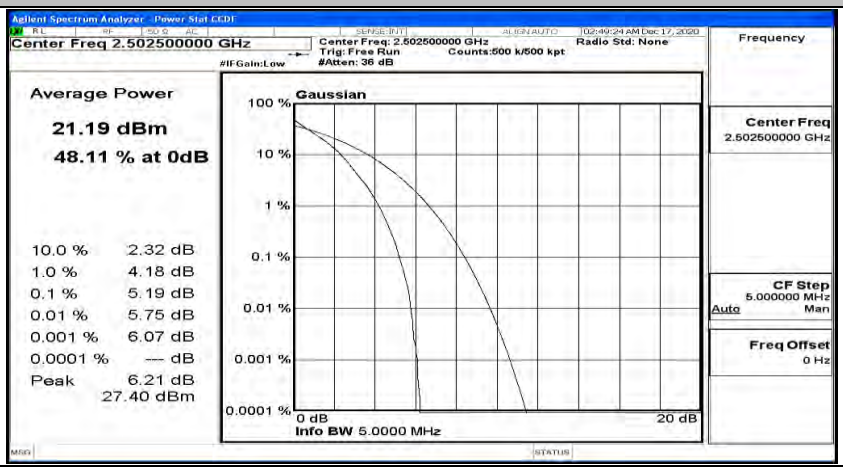
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.19	<13	PASS
	MCH	5.48	<13	PASS
	HCH	5.34	<13	PASS
16QAM	LCH	5.95	<13	PASS
	MCH	6.17	<13	PASS
	HCH	5.96	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.47	<13	PASS
	MCH	5.59	<13	PASS
	HCH	5.36	<13	PASS
16QAM	LCH	6.16	<13	PASS
	MCH	6.26	<13	PASS
	HCH	6.15	<13	PASS

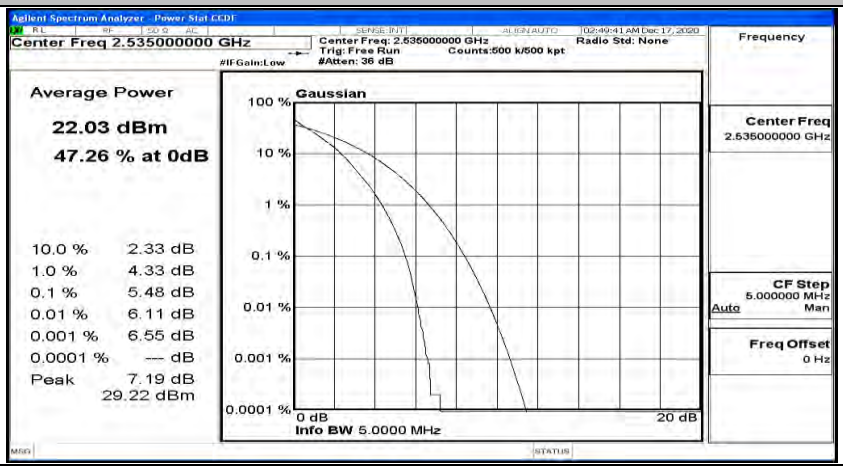
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5	<13	PASS
	MCH	4.99	<13	PASS
	HCH	4.87	<13	PASS
16QAM	LCH	6.25	<13	PASS
	MCH	6.18	<13	PASS
	HCH	6.14	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.76	<13	PASS
	MCH	5.73	<13	PASS
	HCH	5.68	<13	PASS
16QAM	LCH	6.72	<13	PASS
	MCH	6.64	<13	PASS
	HCH	6.65	<13	PASS

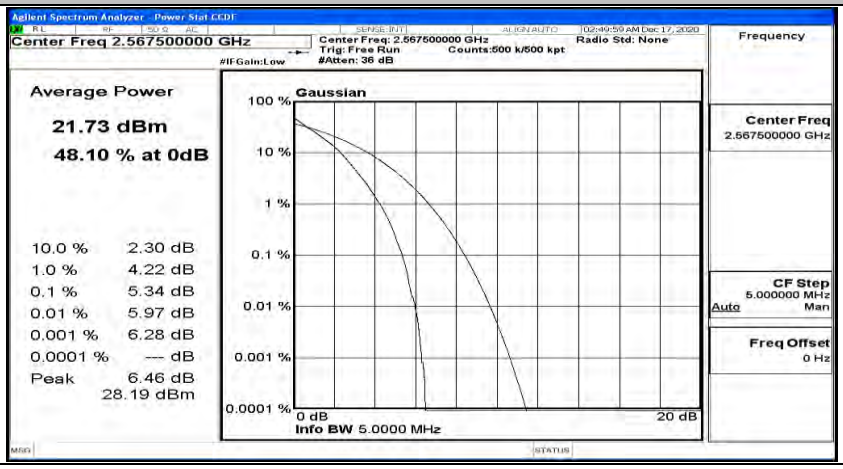
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



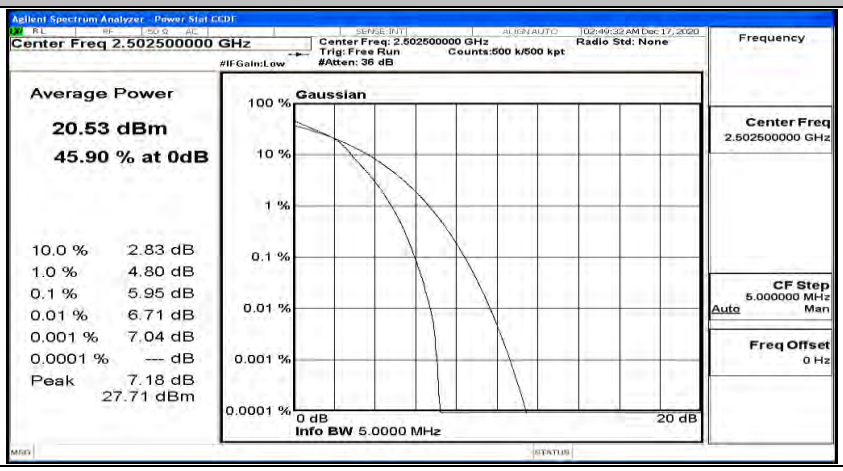
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



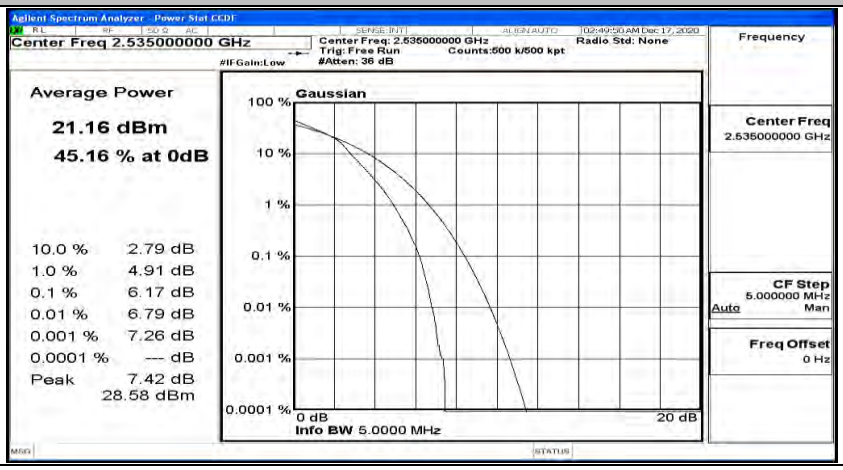
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



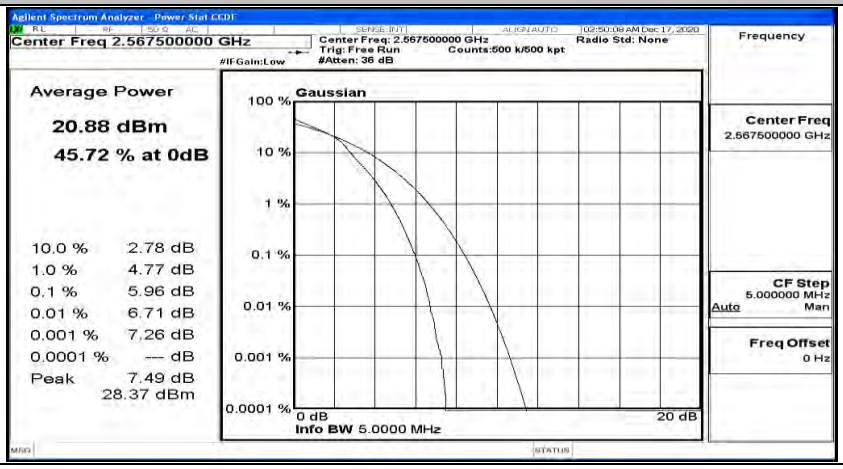
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



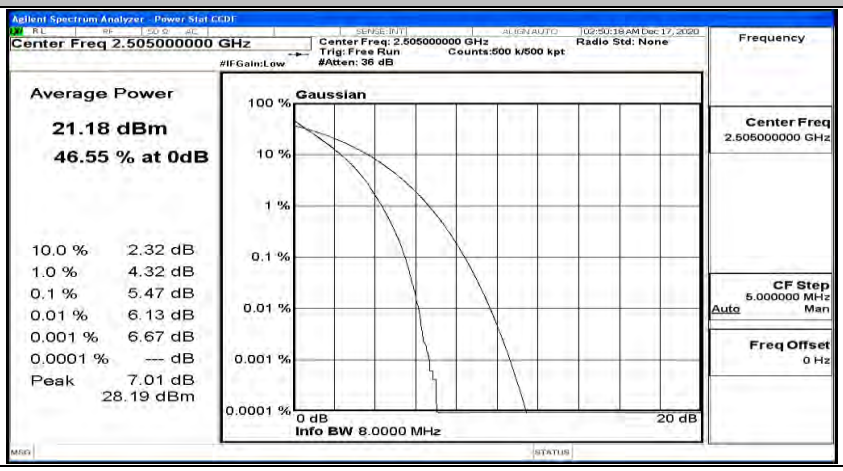
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



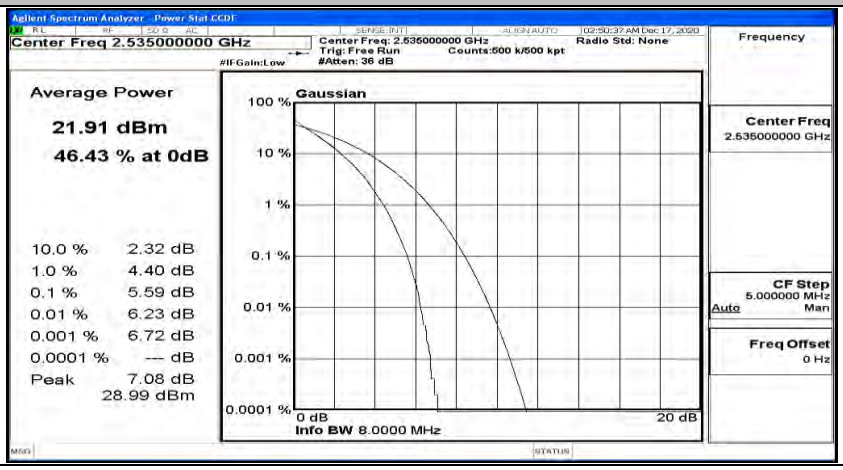
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



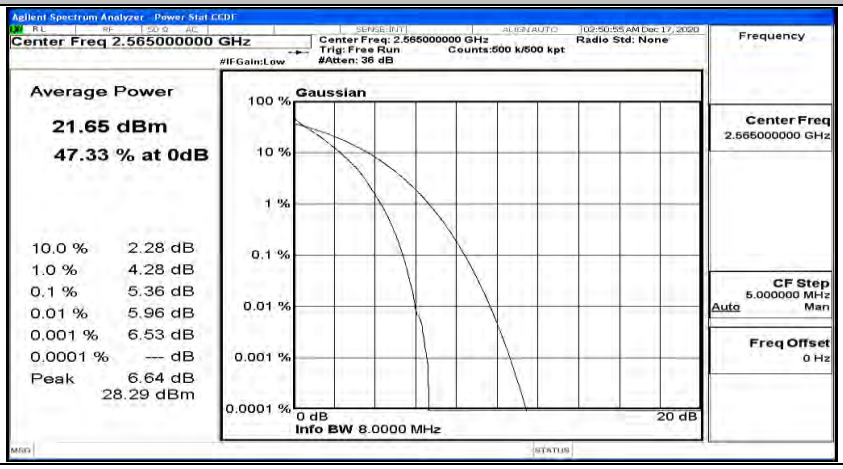
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



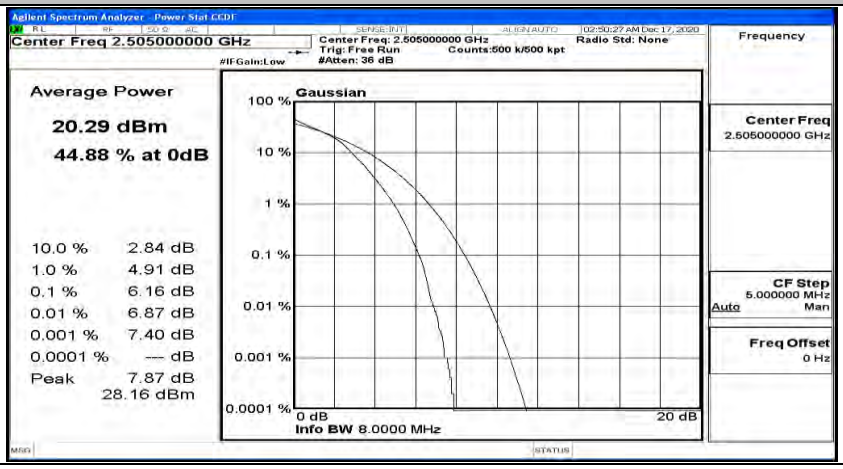
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



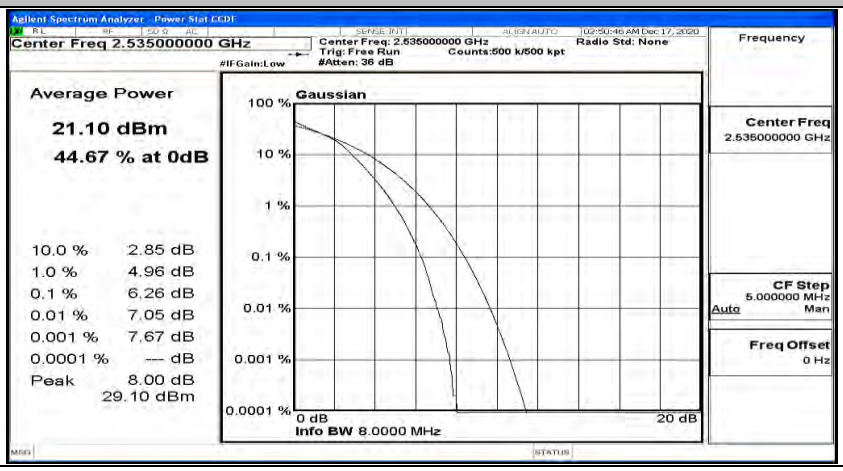
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



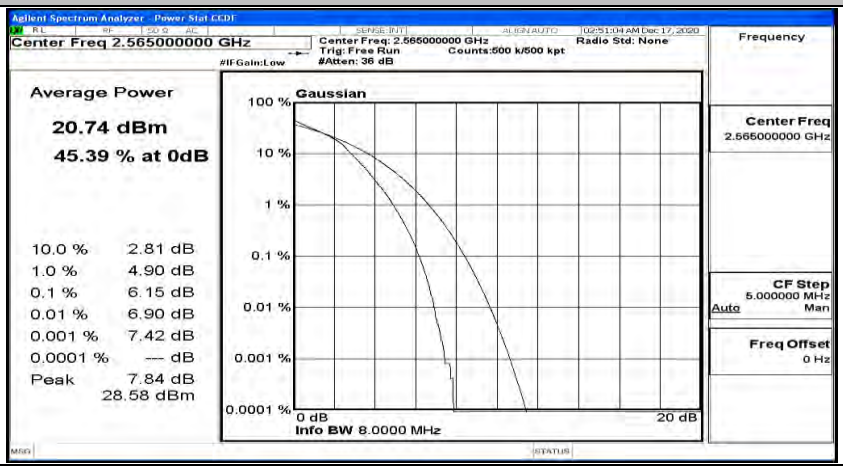
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



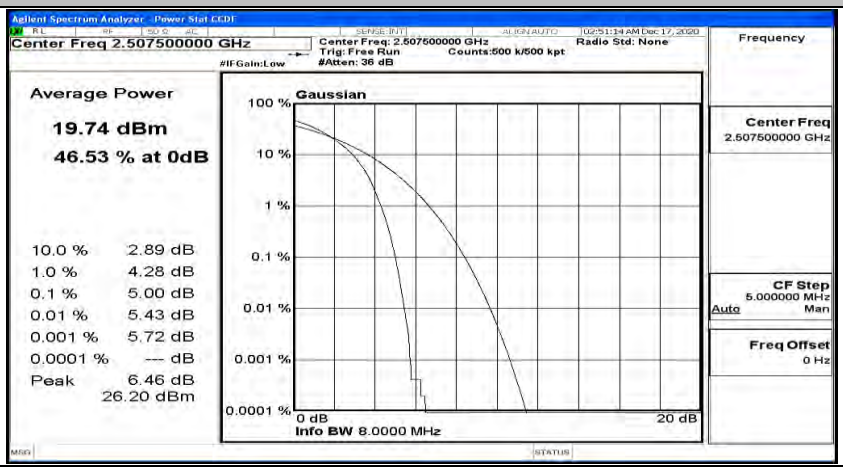
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



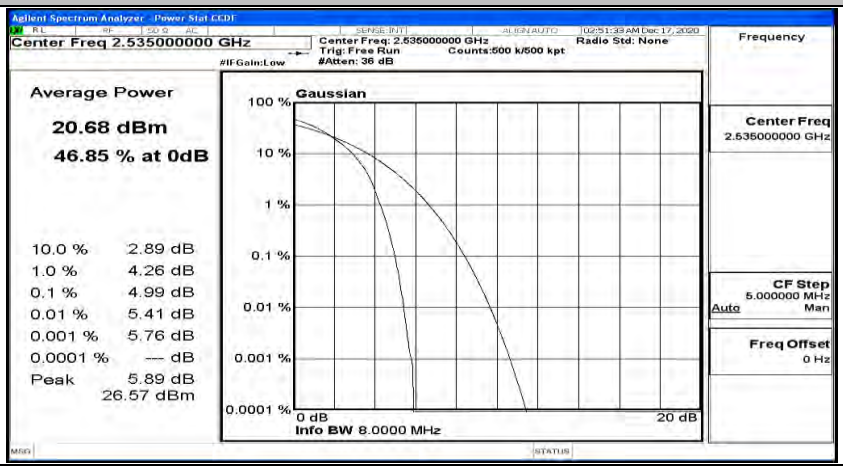
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



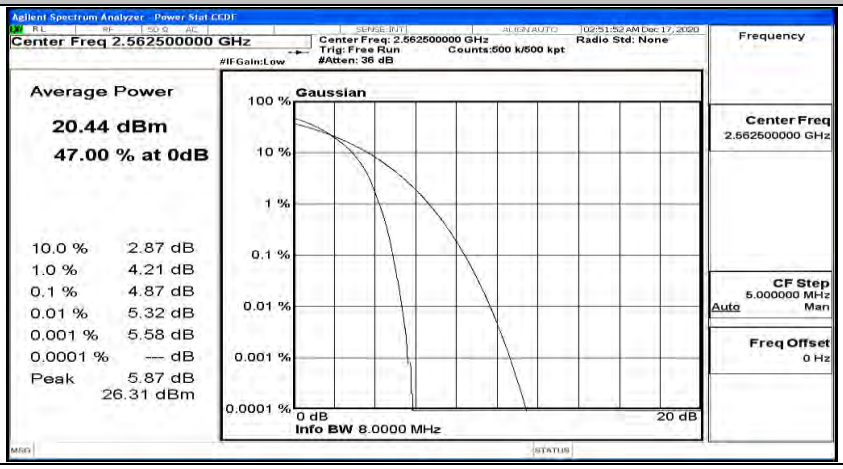
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



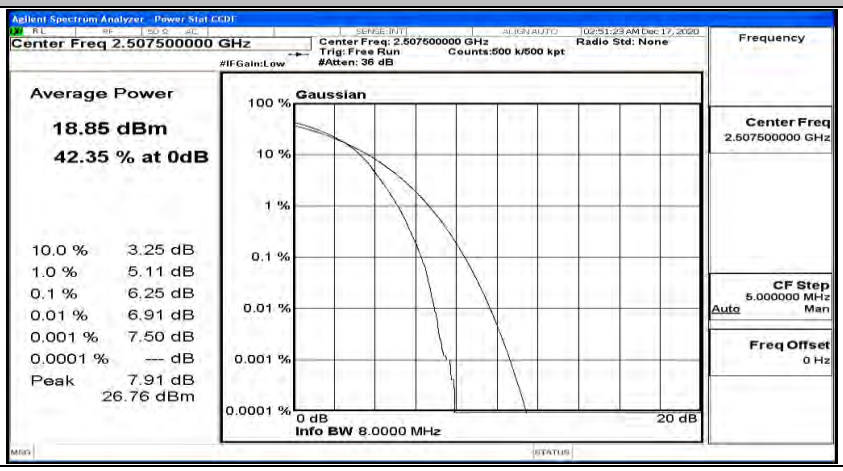
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



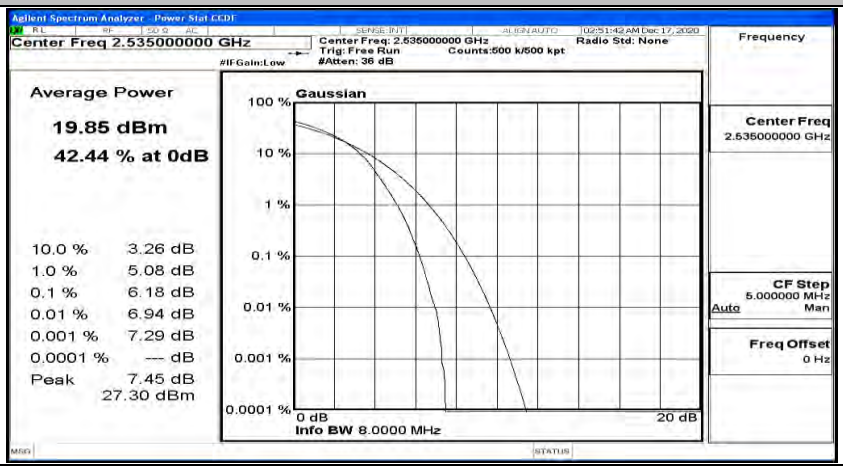
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



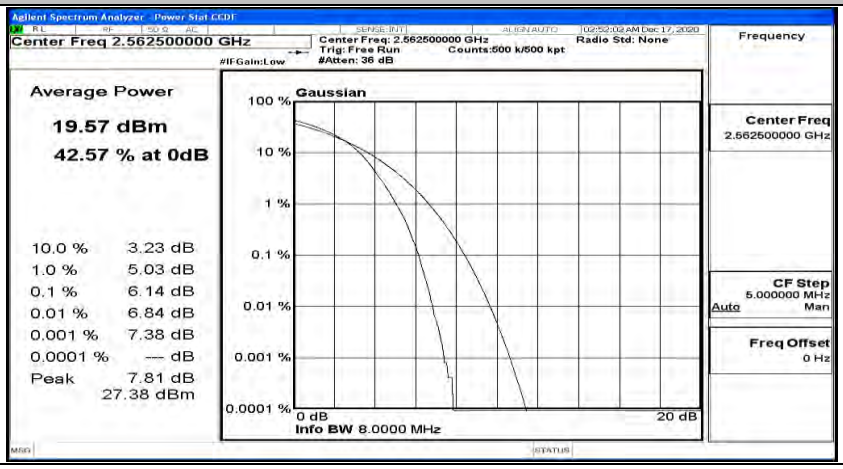
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



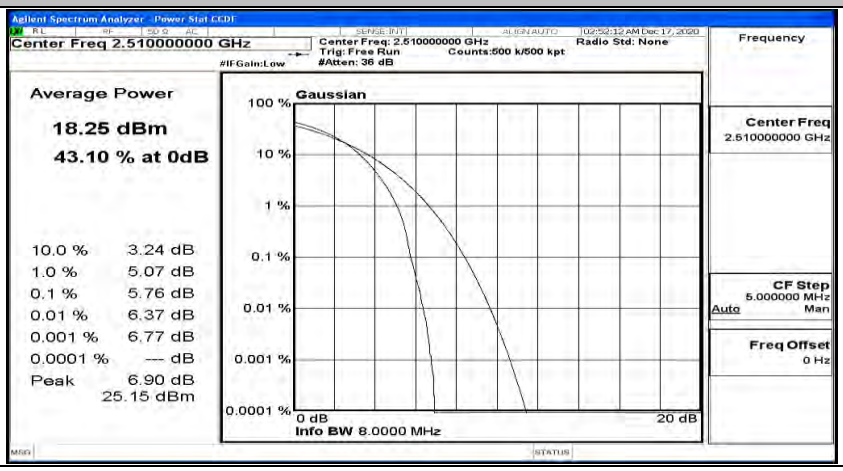
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



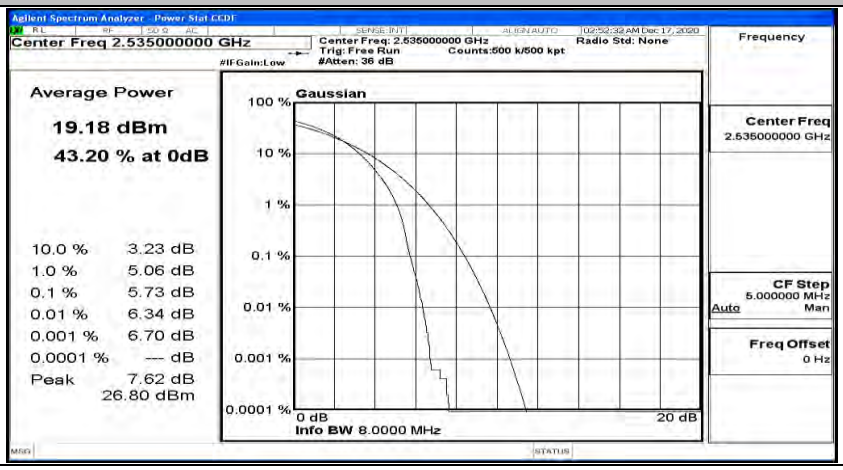
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



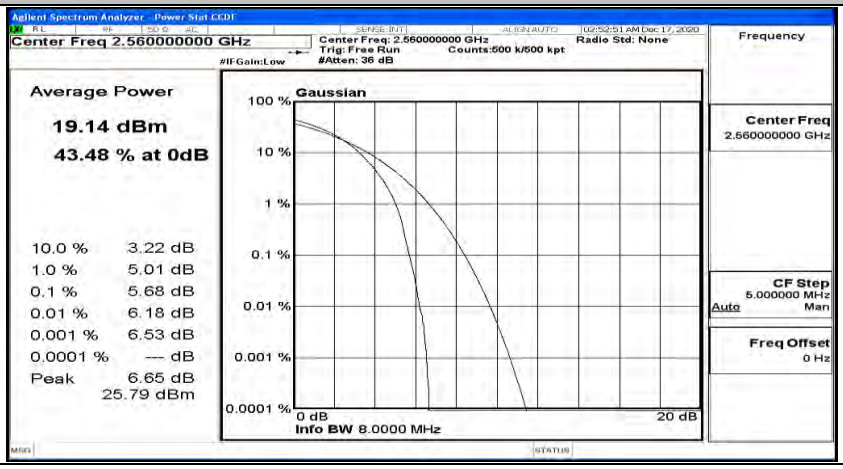
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



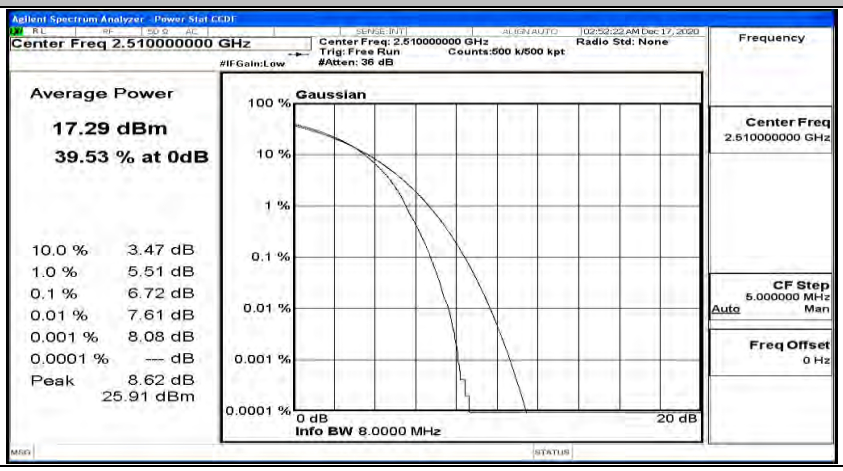
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



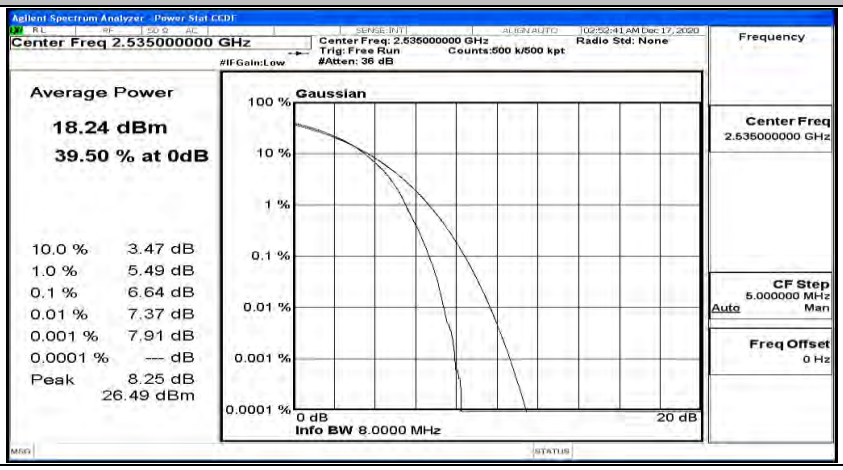
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



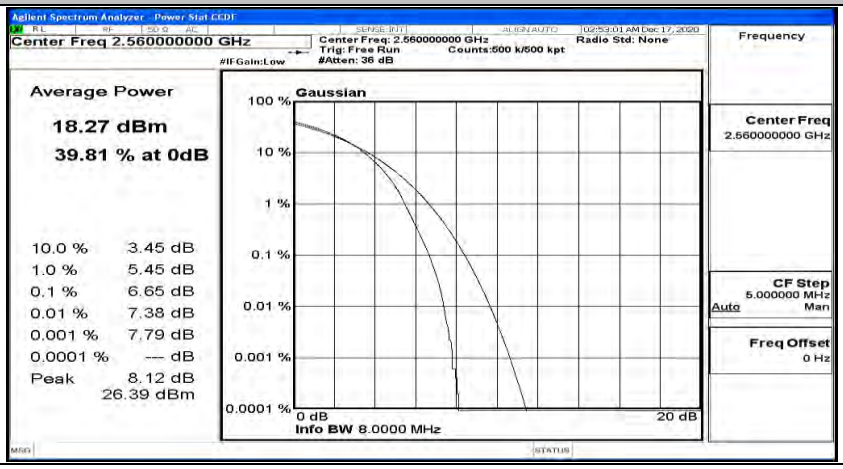
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



I.3 26dB Bandwidth and Occupied Bandwidth

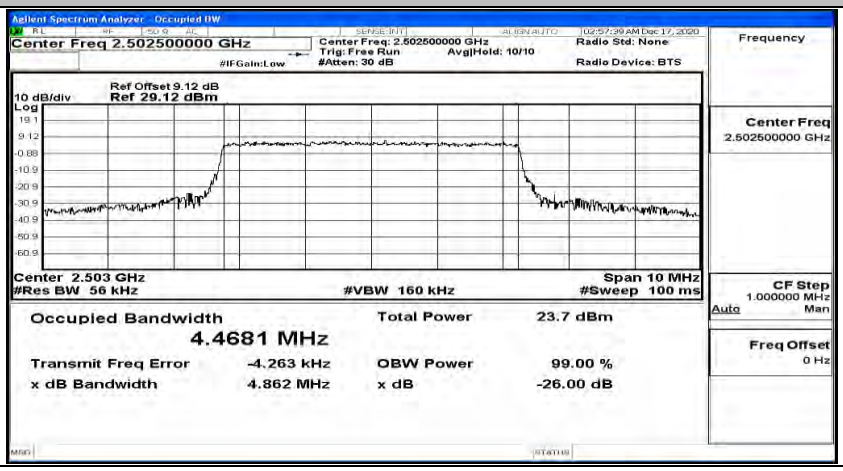
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4681	4.862	PASS
	MCH	4.4817	4.802	PASS
	HCH	4.4761	4.837	PASS
16QAM	LCH	4.4731	4.815	PASS
	MCH	4.4714	4.829	PASS
	HCH	4.4726	4.835	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9348	9.456	PASS
	MCH	8.9459	9.499	PASS
	HCH	8.9413	9.577	PASS
16QAM	LCH	8.9401	9.510	PASS
	MCH	8.9319	9.628	PASS
	HCH	8.9280	9.499	PASS

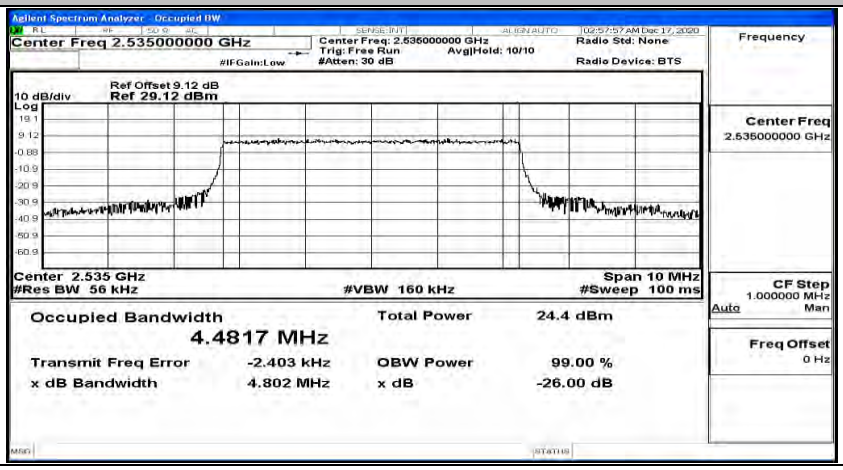
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.422	14.21	PASS
	MCH	13.416	14.09	PASS
	HCH	13.394	14.09	PASS
16QAM	LCH	13.413	14.13	PASS
	MCH	13.400	14.17	PASS
	HCH	13.382	14.26	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.911	18.69	PASS
	MCH	17.890	18.87	PASS
	HCH	17.868	18.67	PASS
16QAM	LCH	17.913	18.82	PASS
	MCH	17.877	18.72	PASS
	HCH	17.850	18.71	PASS

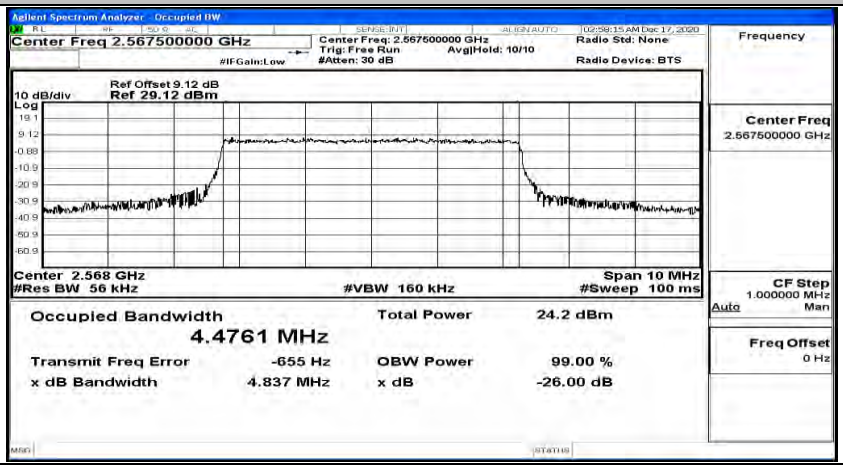
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



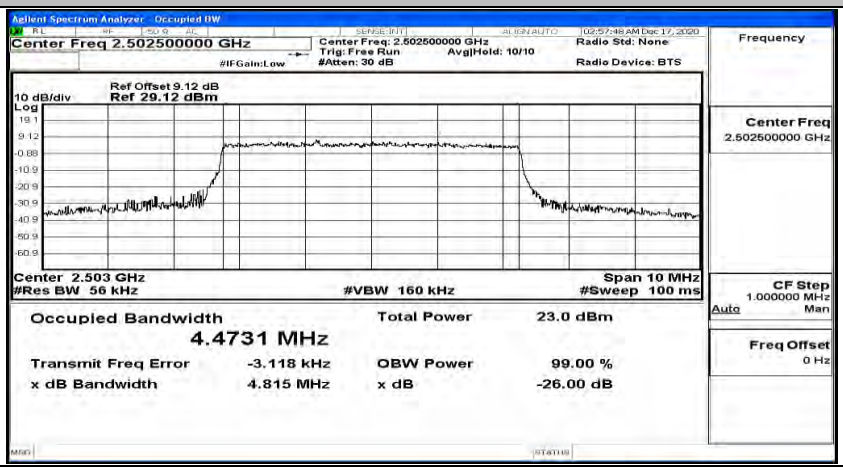
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



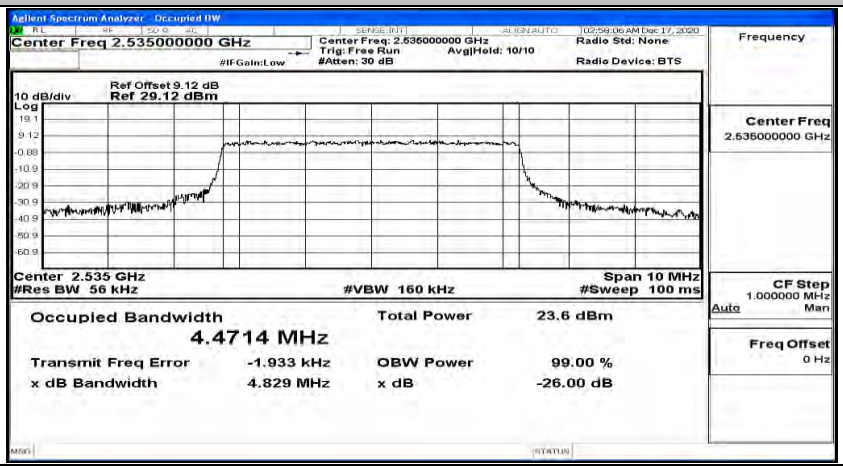
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



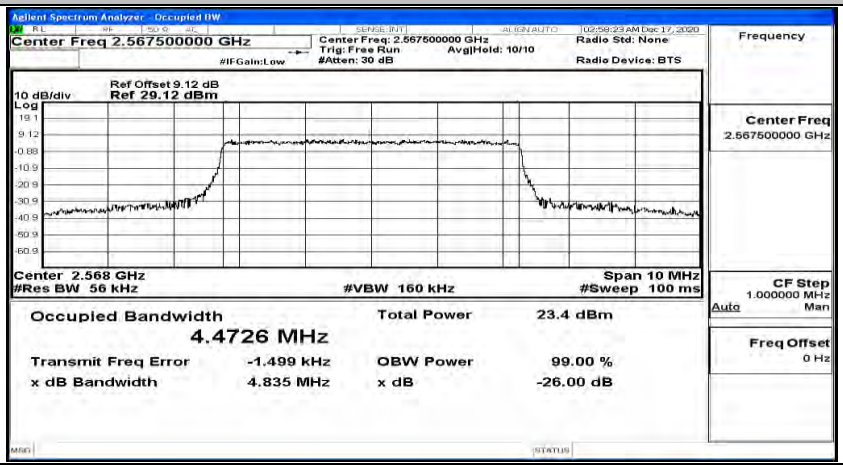
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



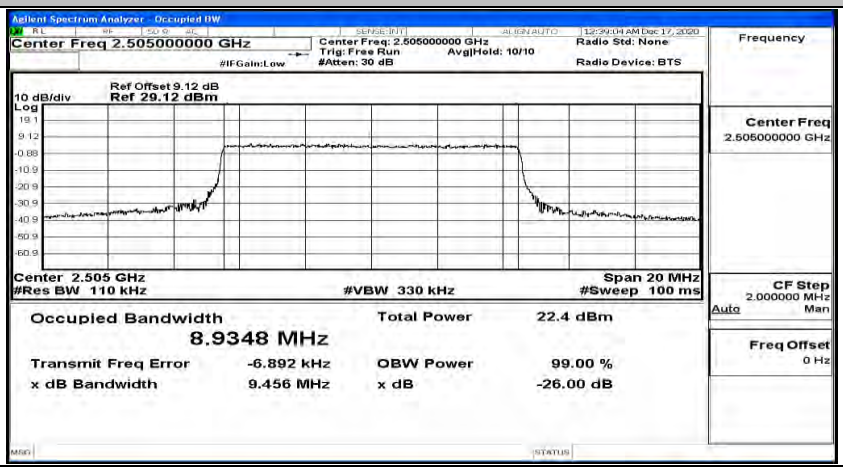
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



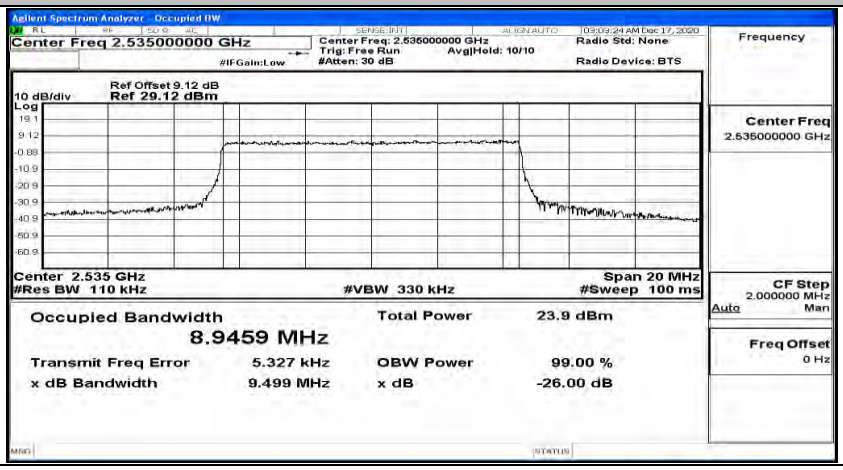
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



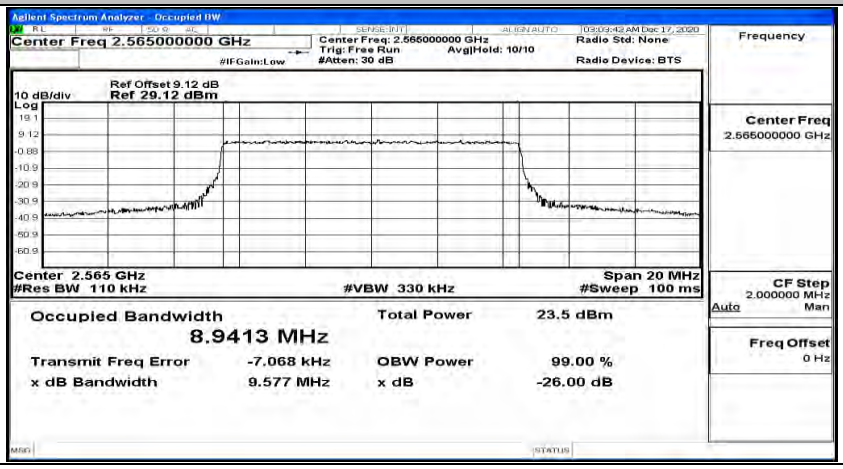
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



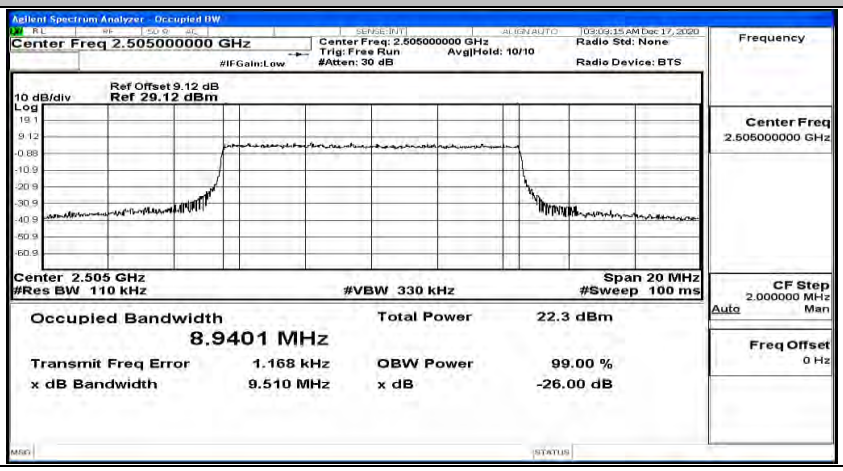
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



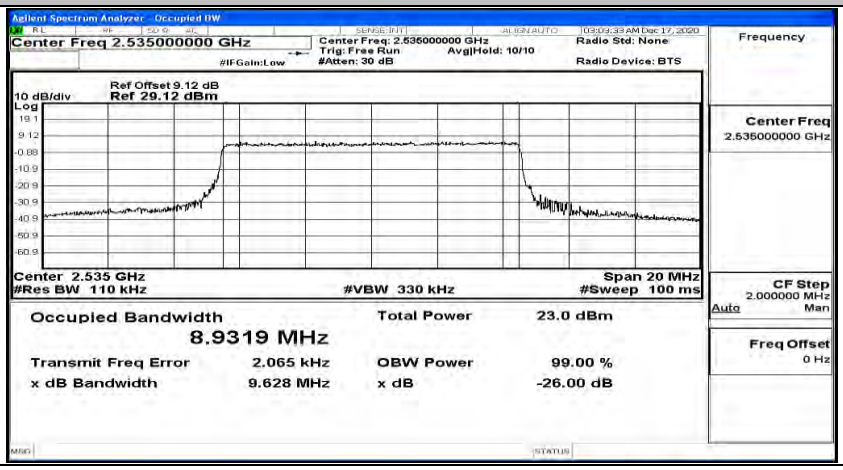
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



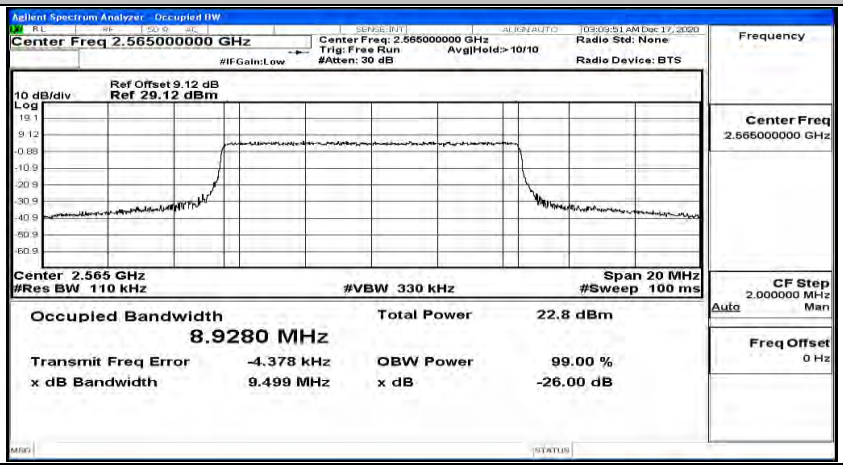
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



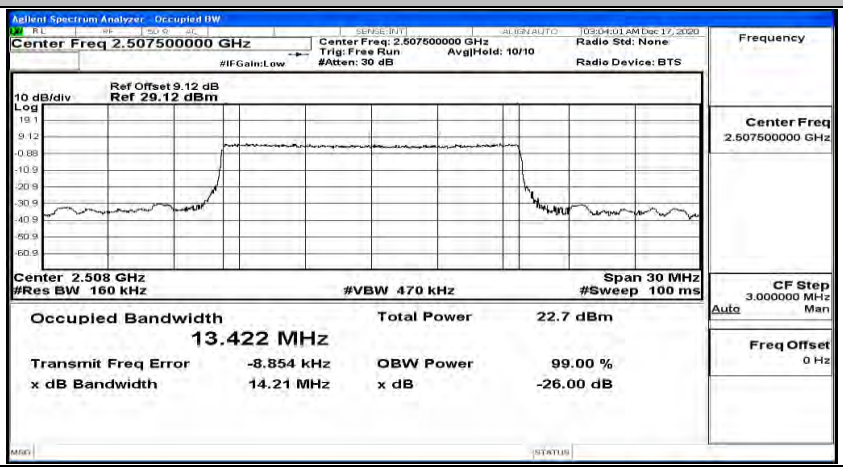
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



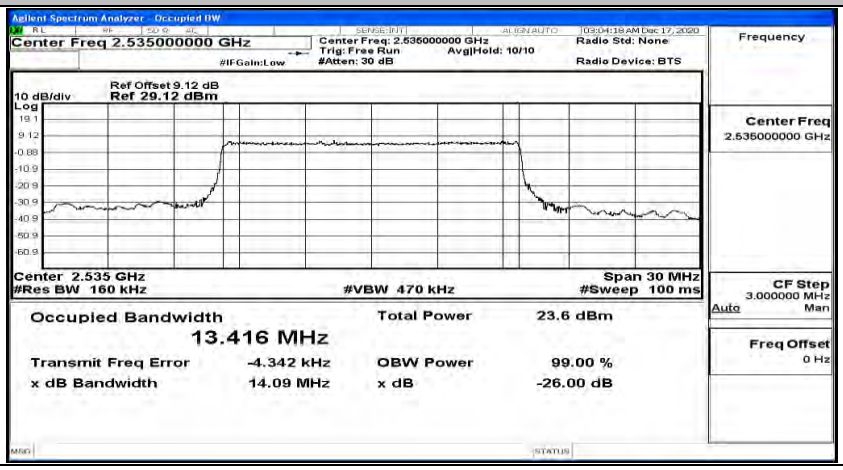
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



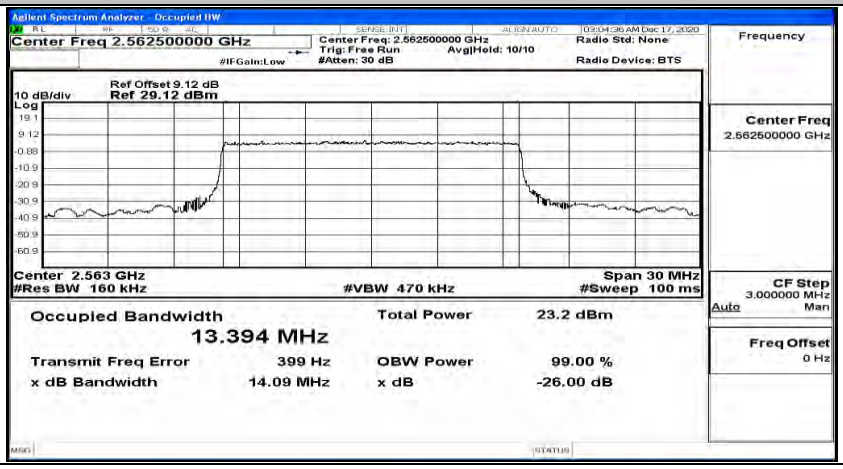
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



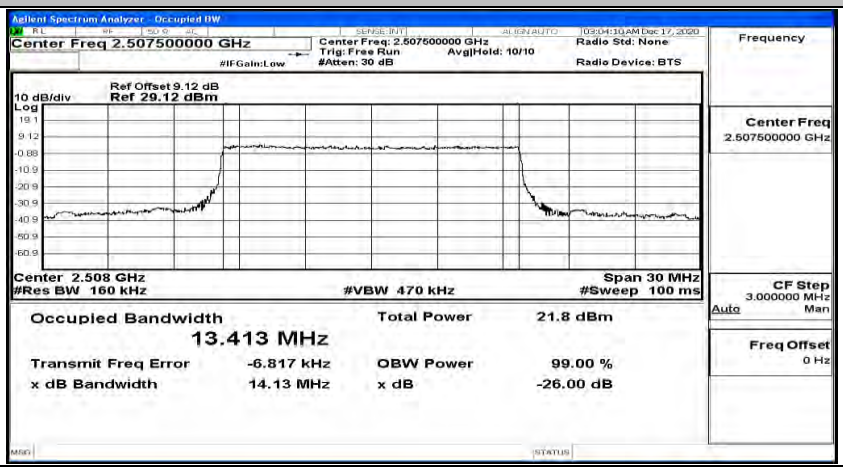
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



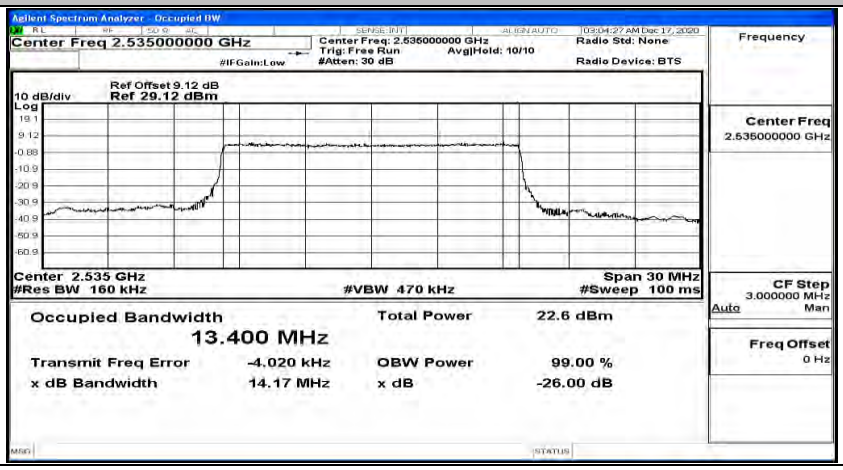
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



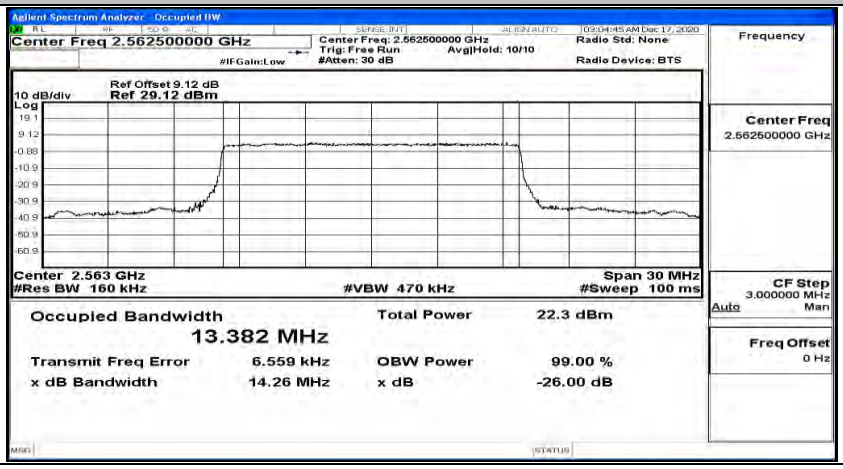
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



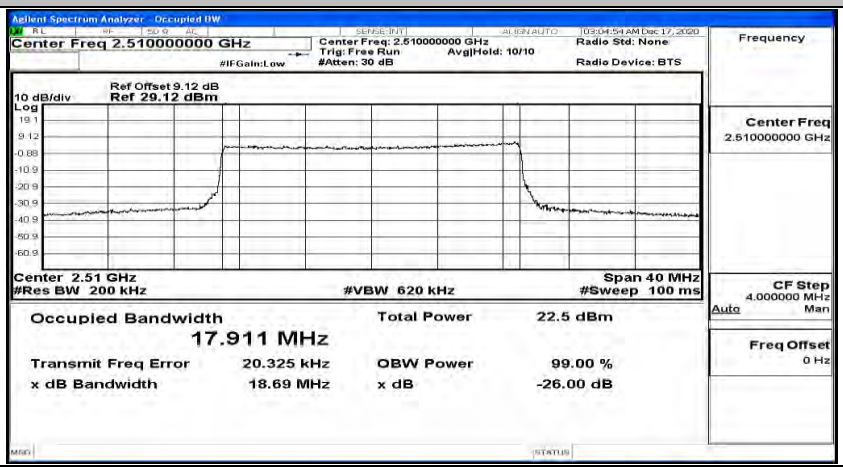
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



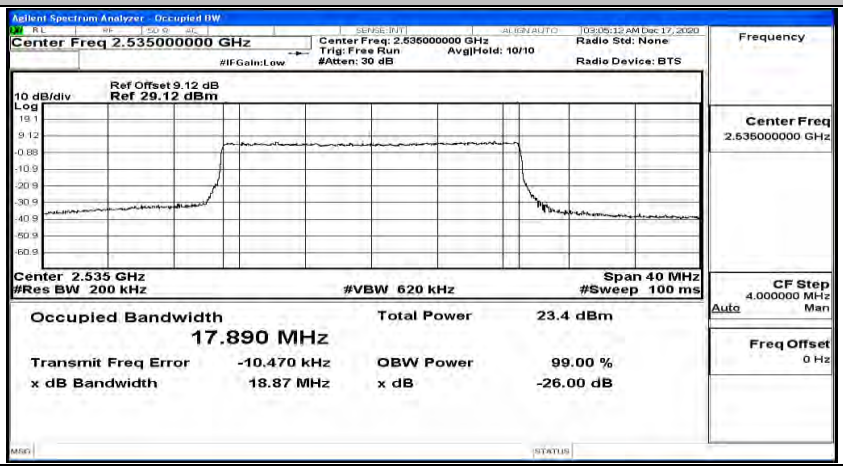
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



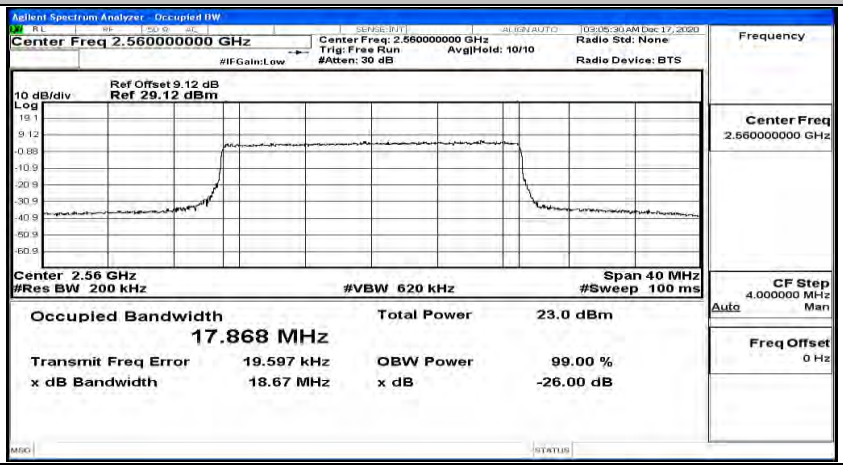
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



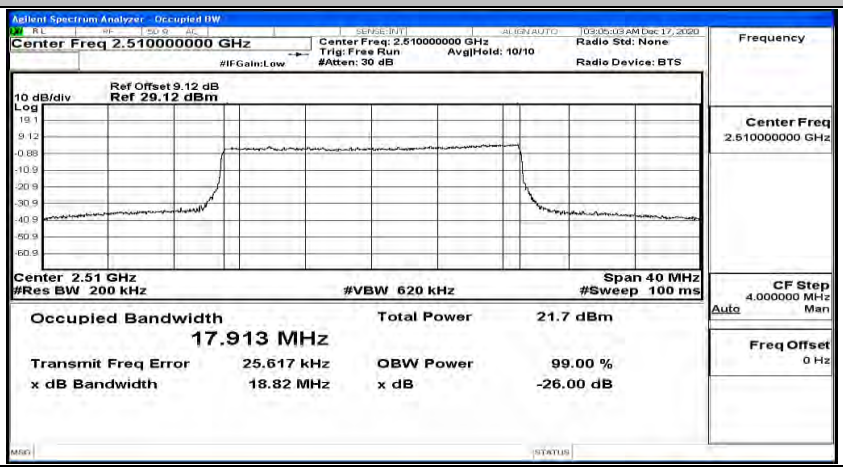
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



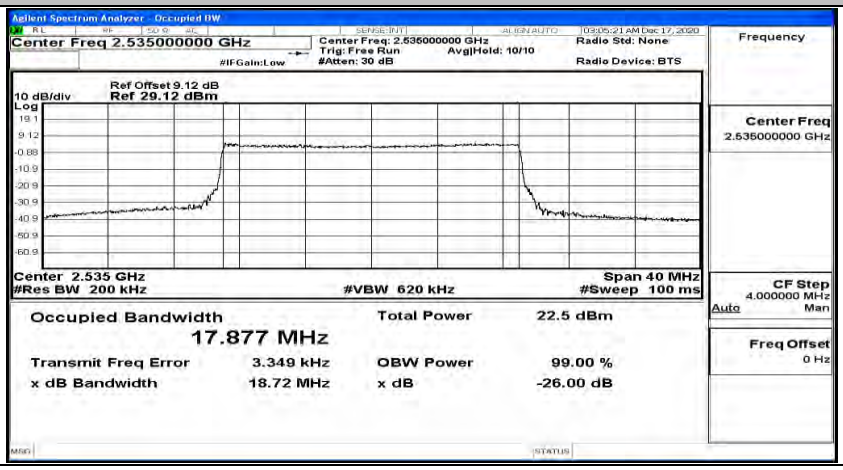
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



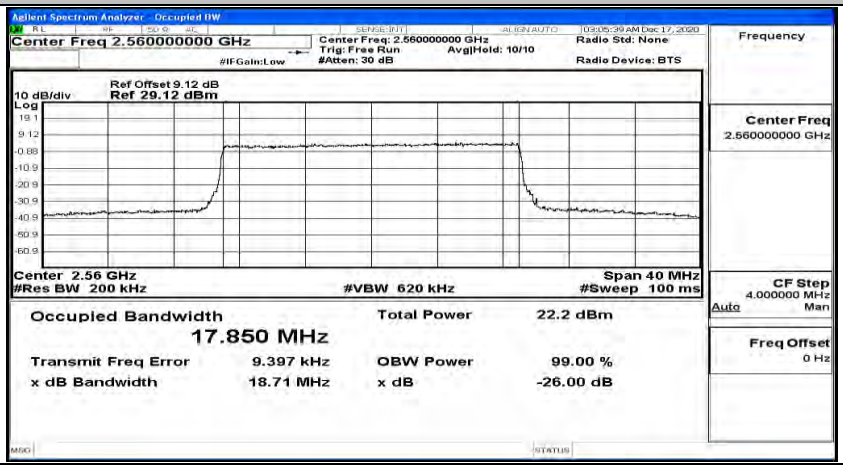
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM

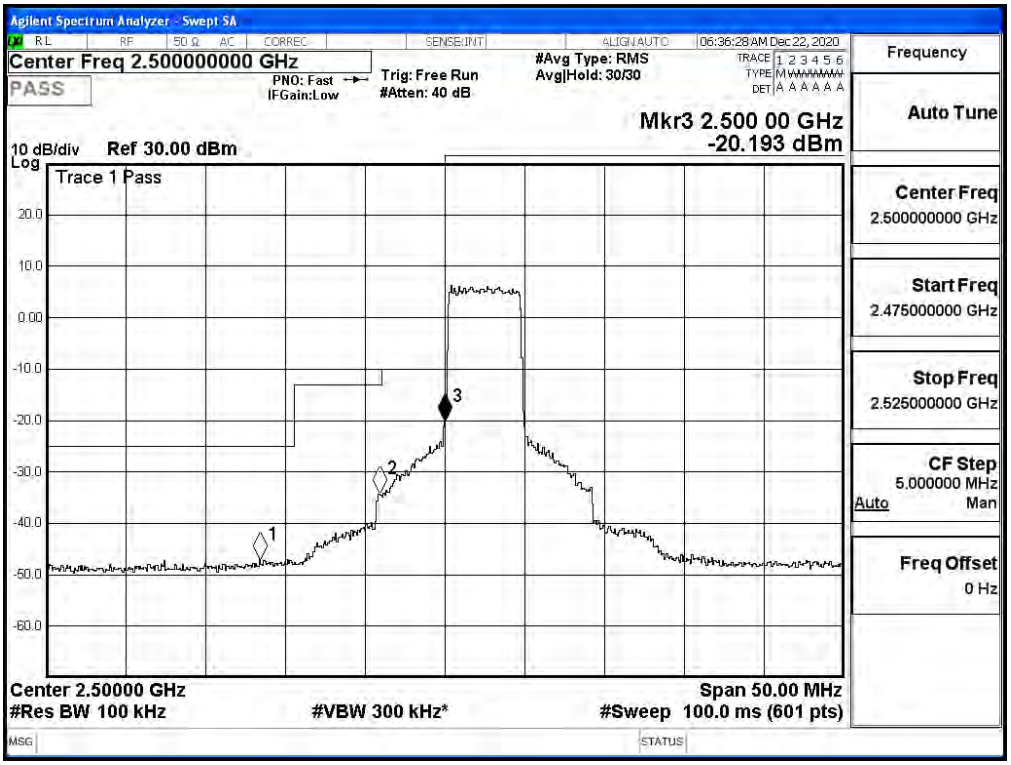


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

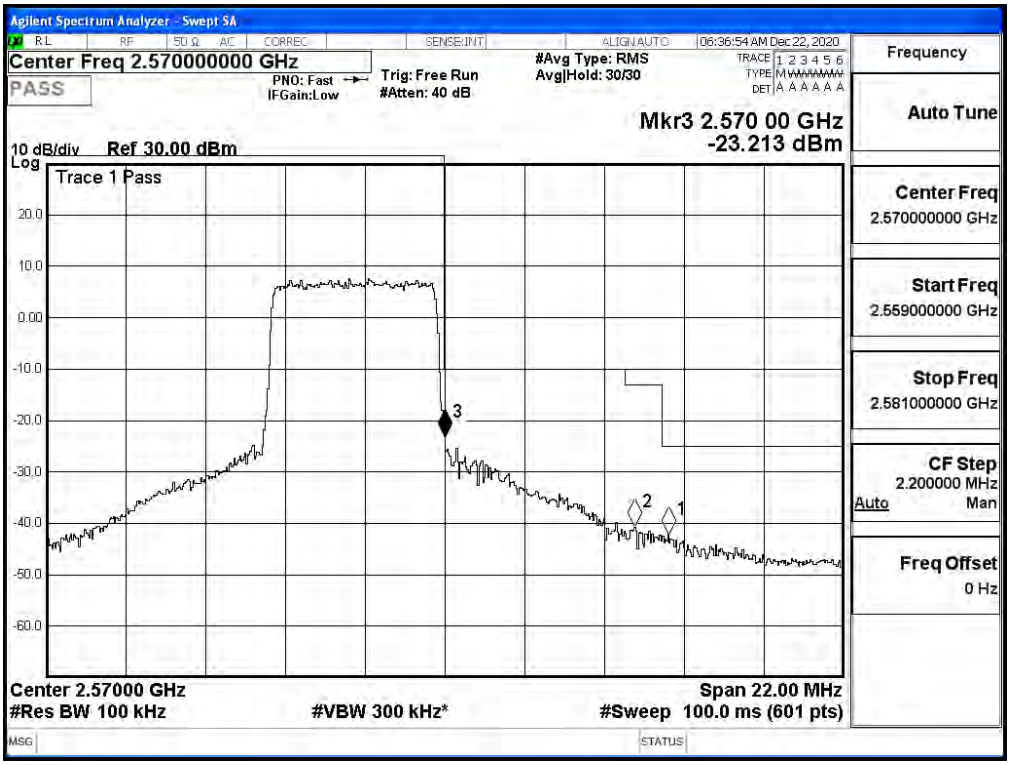


I.4 Band Edge

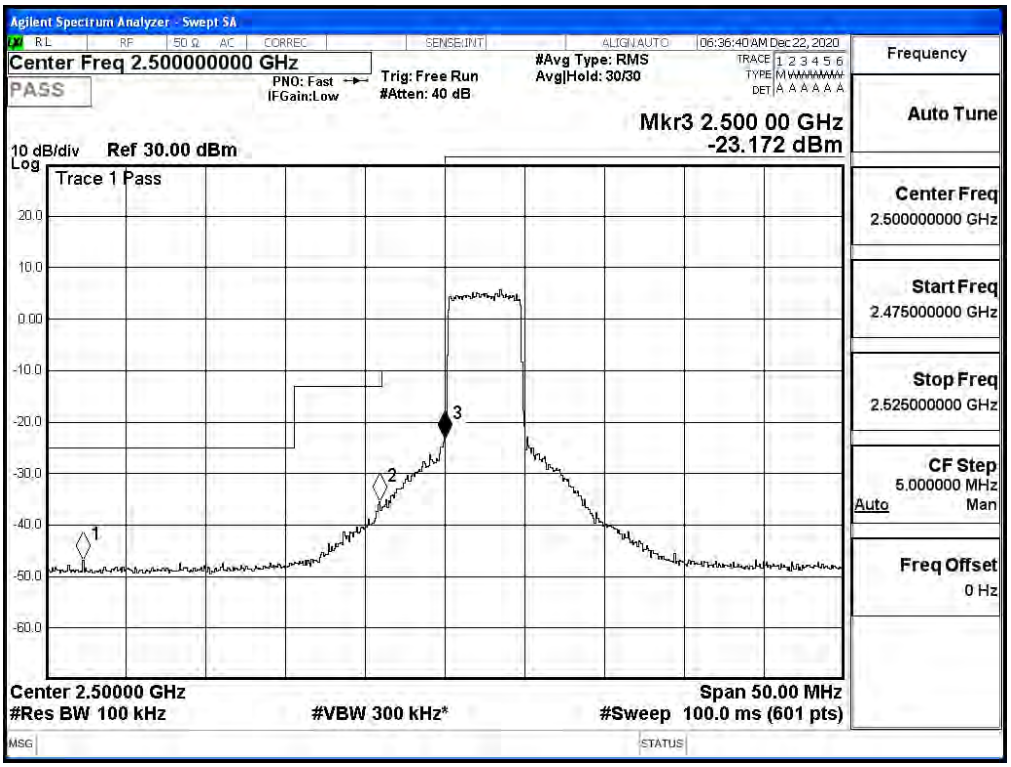
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



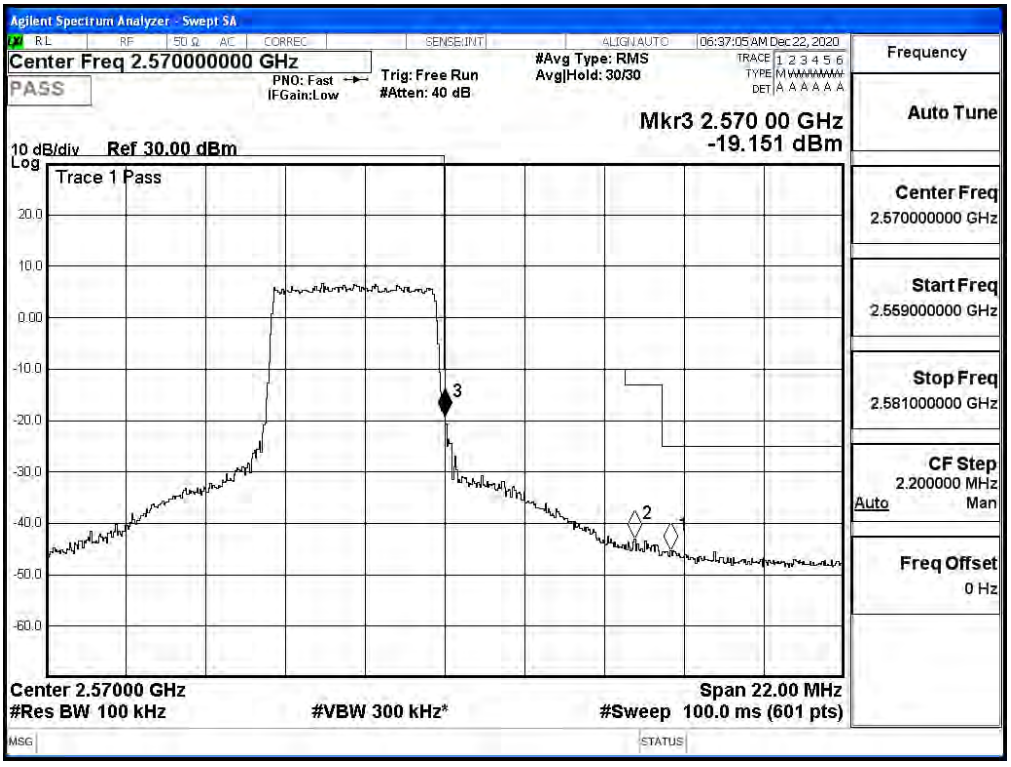
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



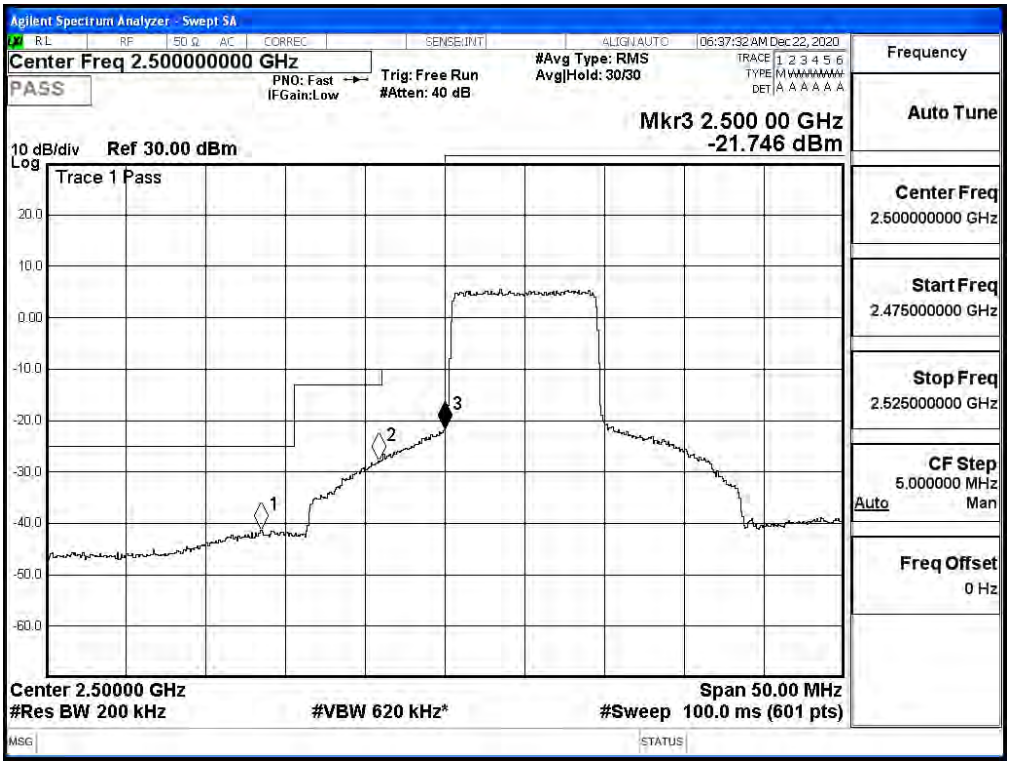
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



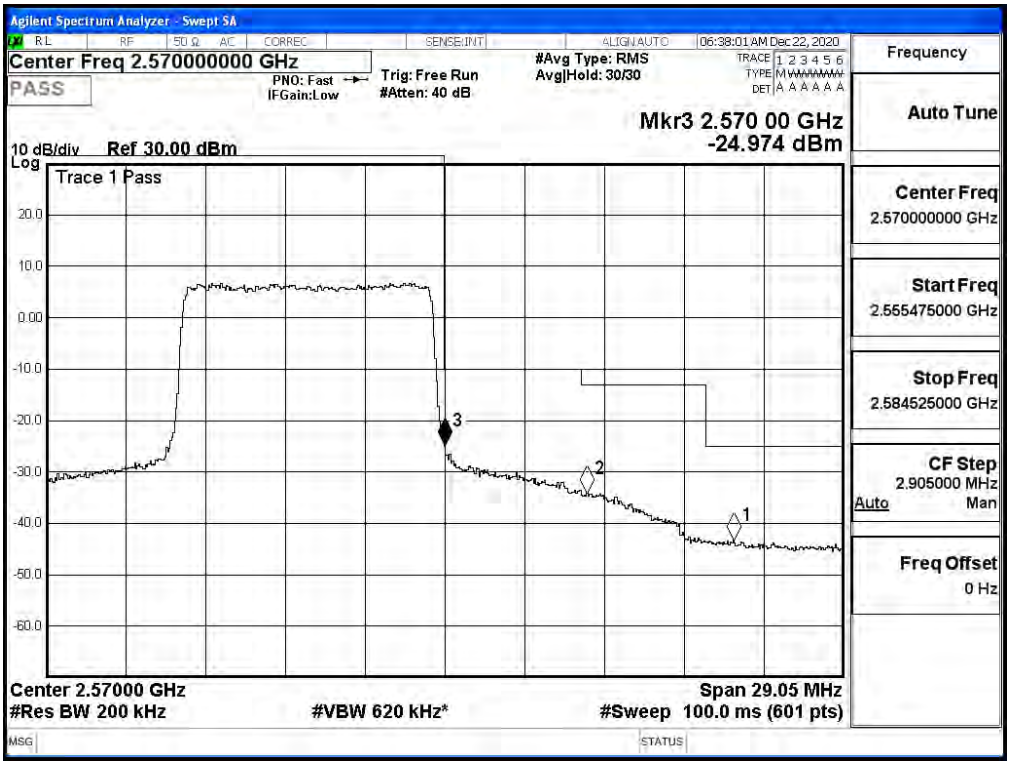
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



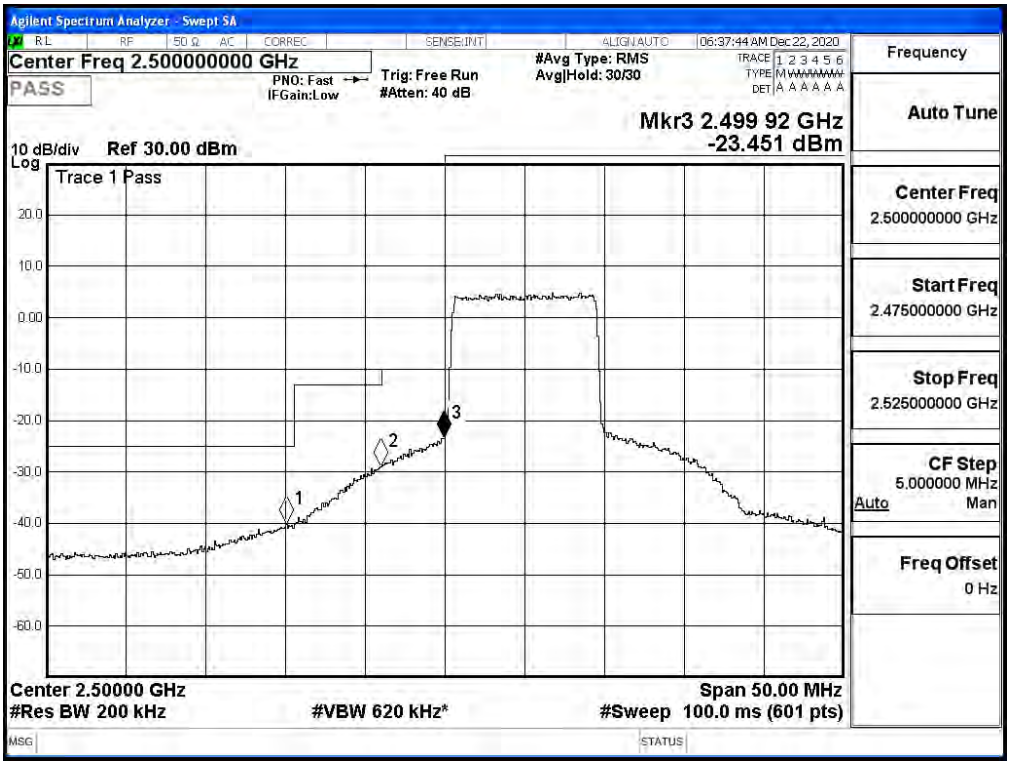
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



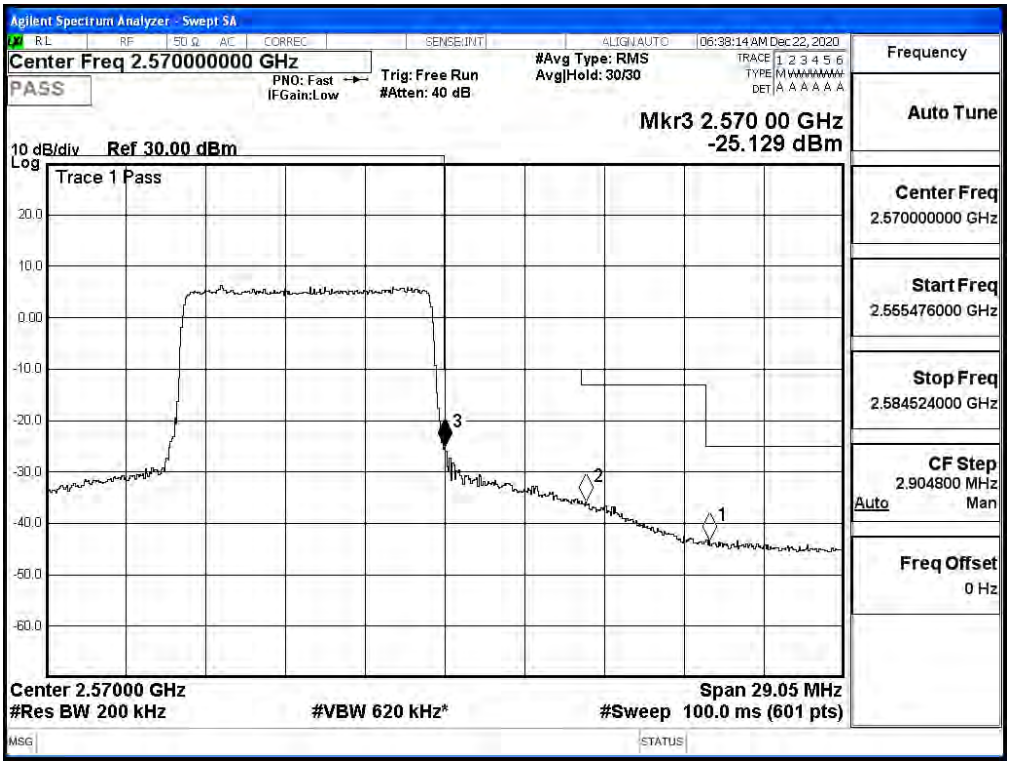
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



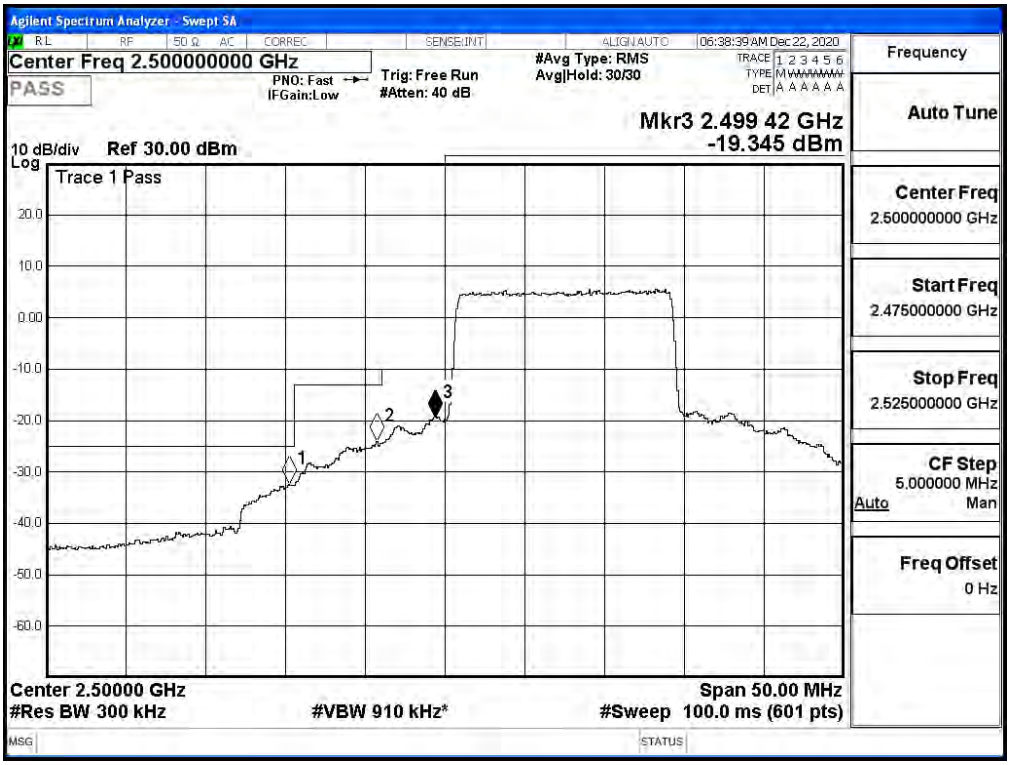
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



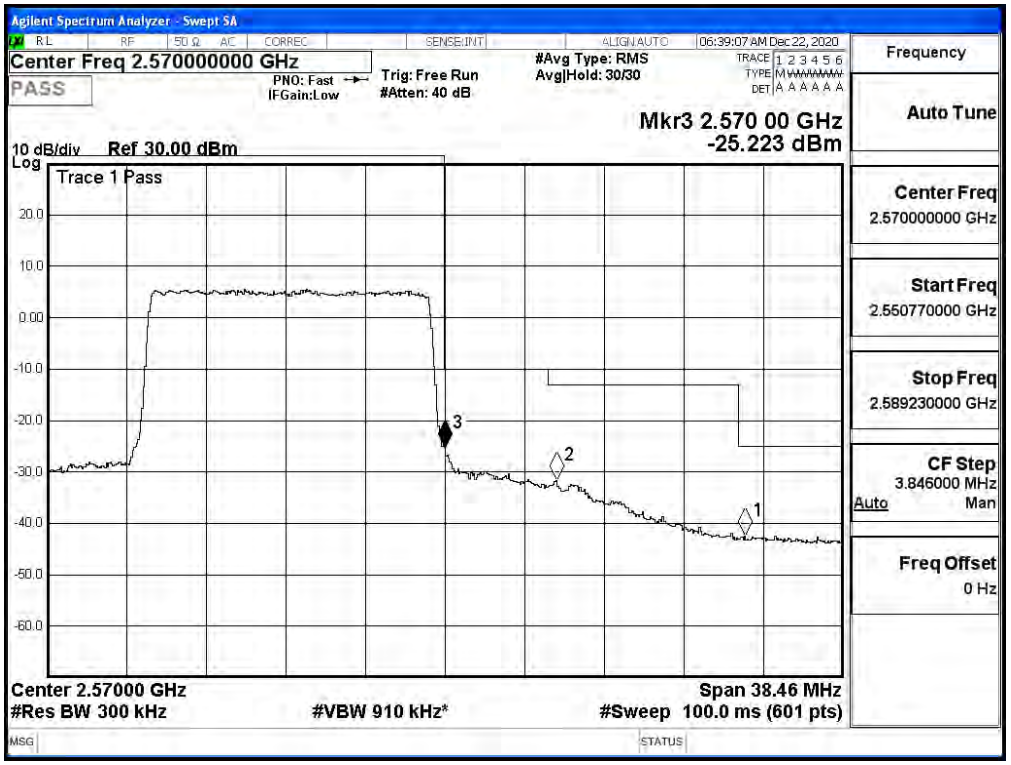
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



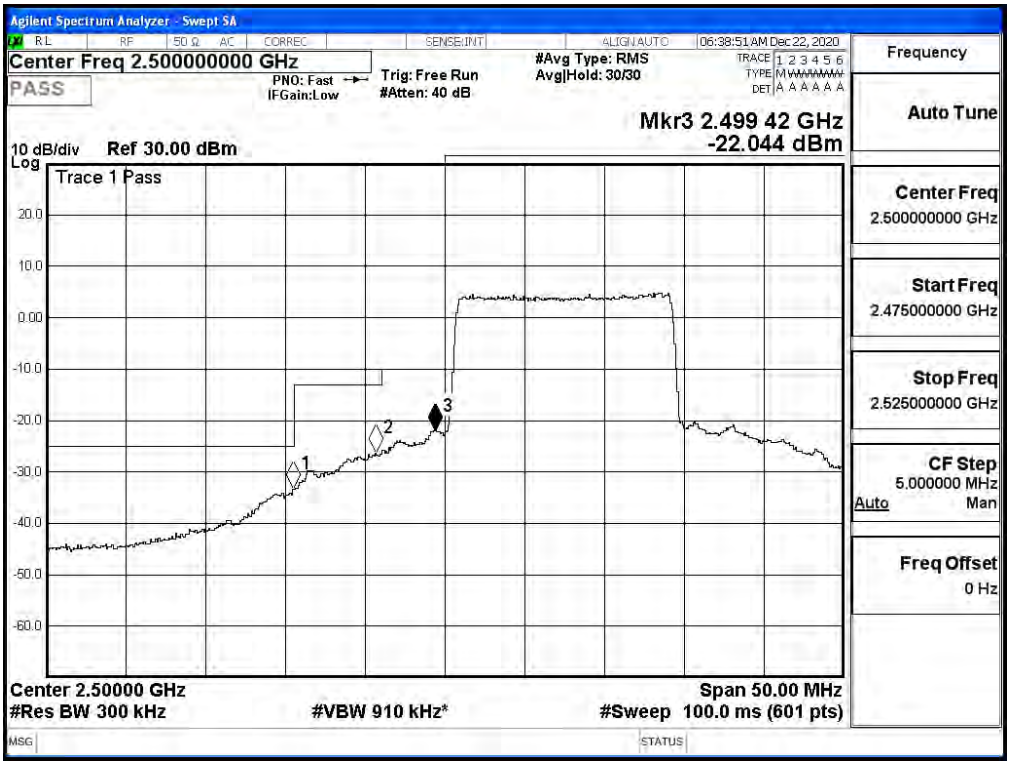
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



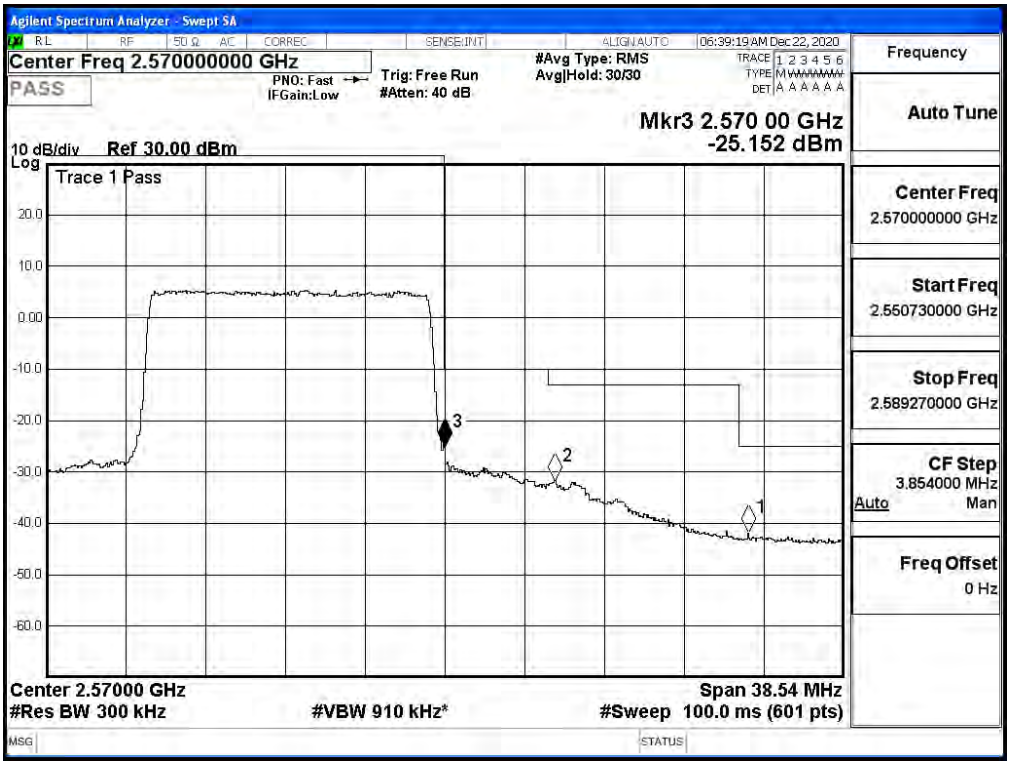
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



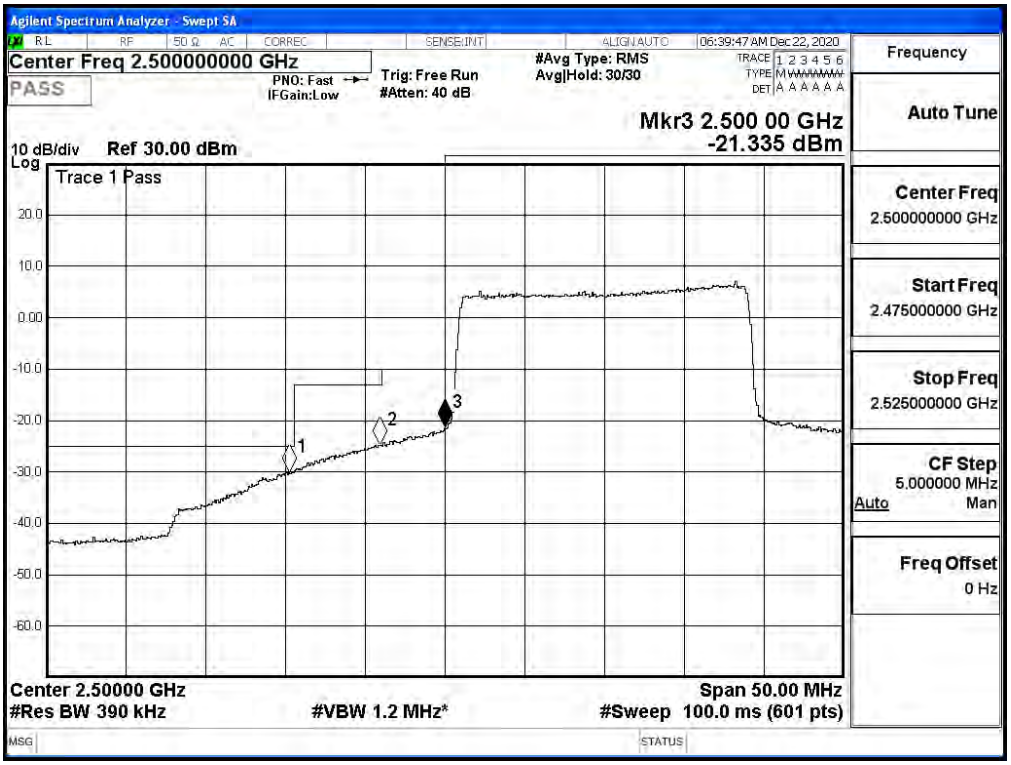
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



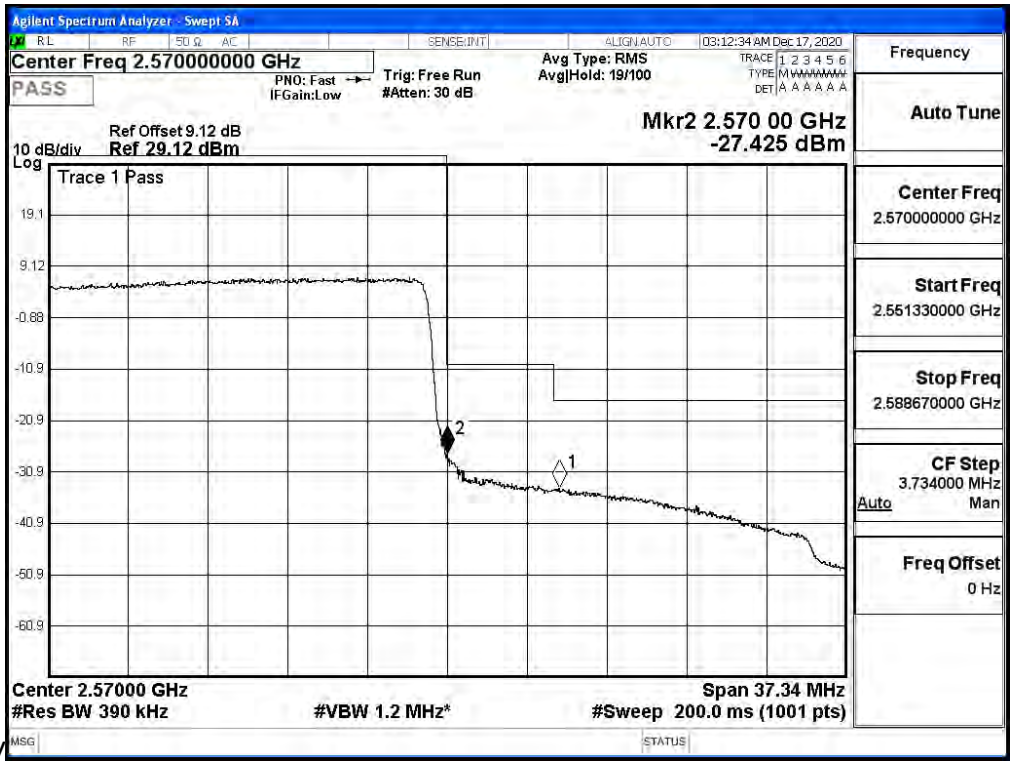
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK

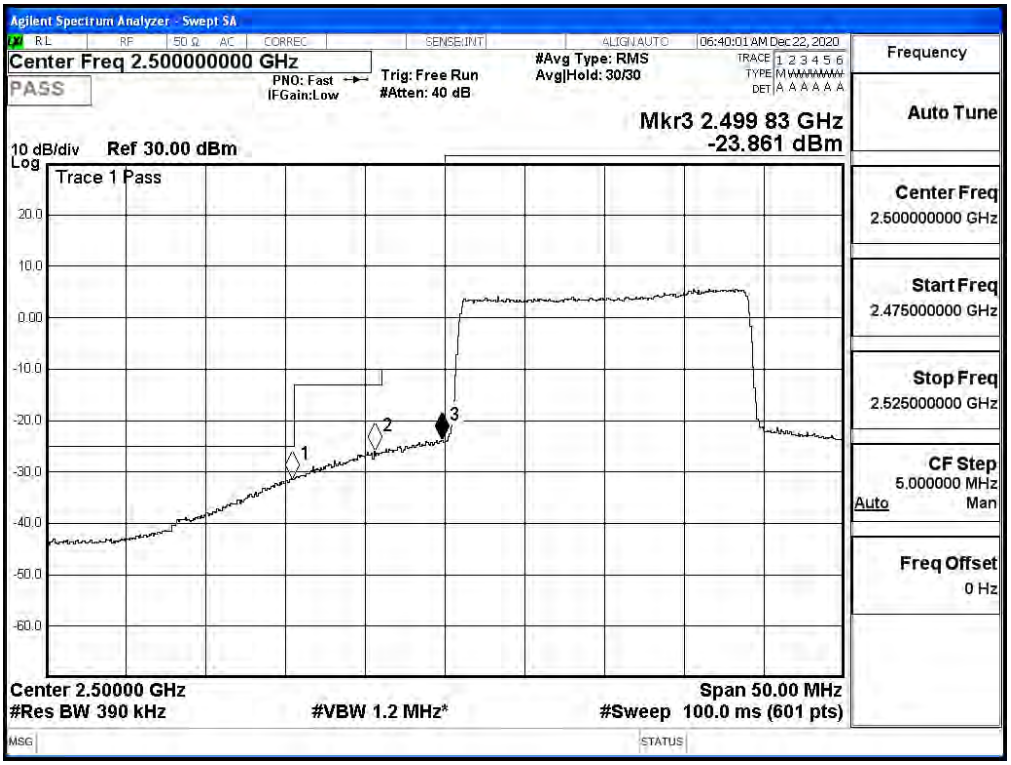


Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK

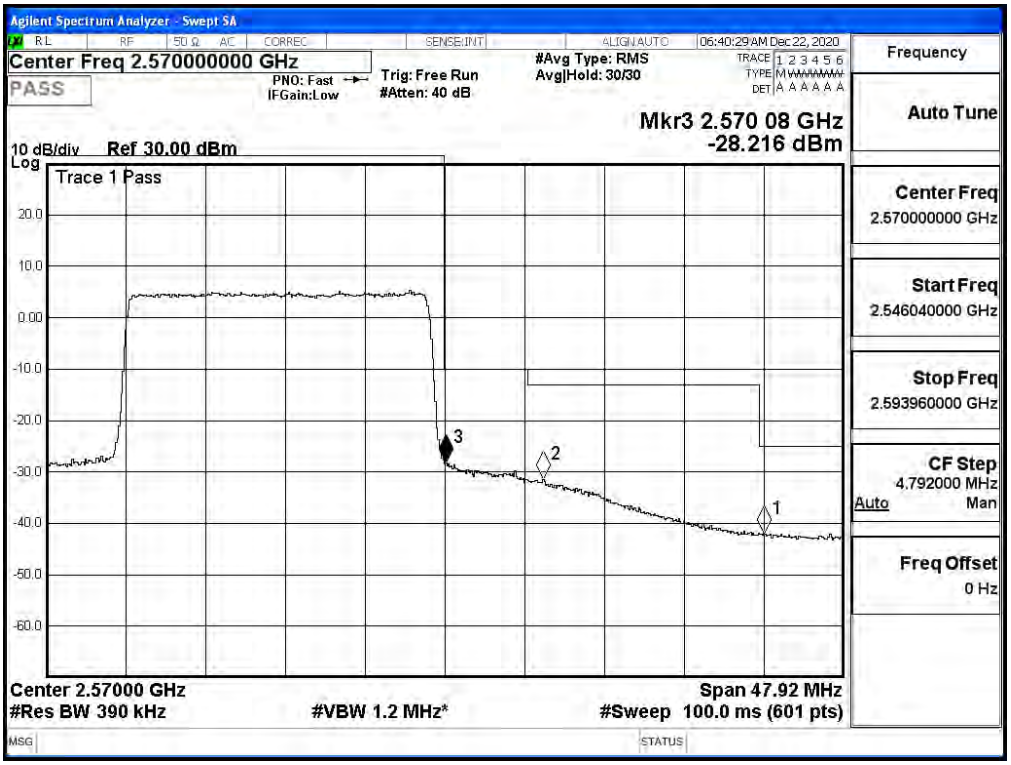


V

Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



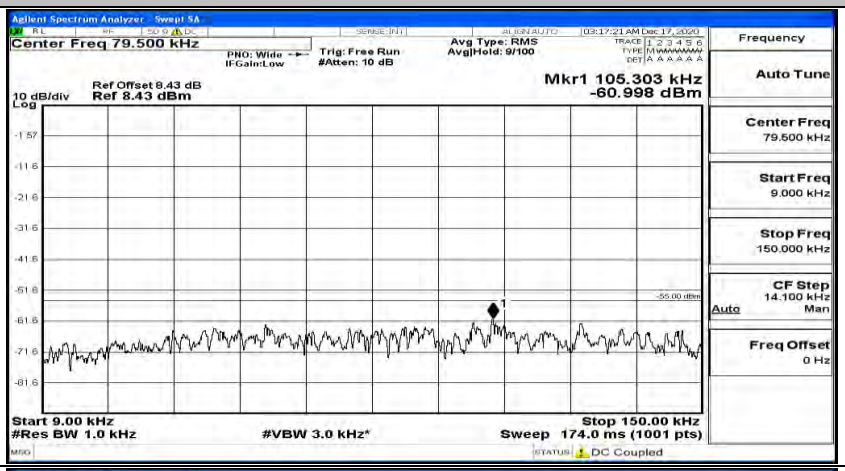
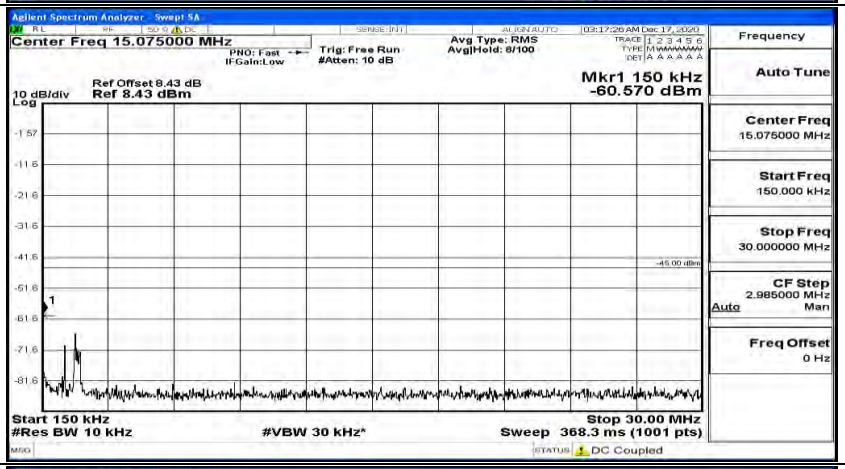
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



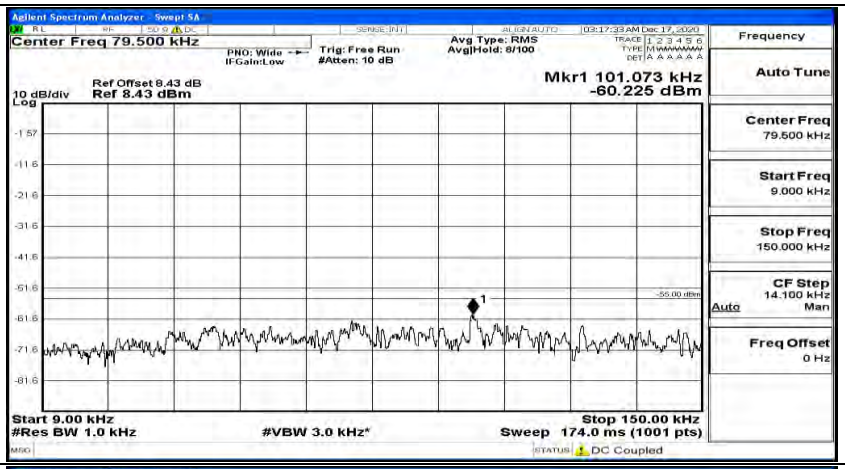
I.5 Conducted Spurious Emission

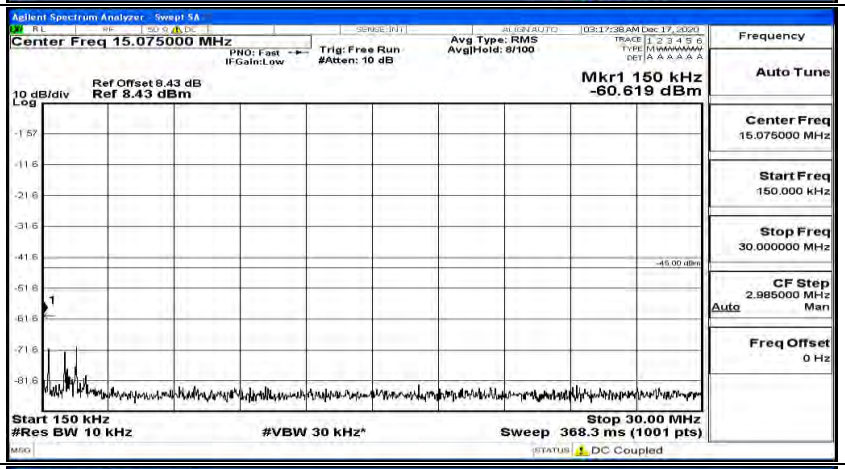
Test Graphs

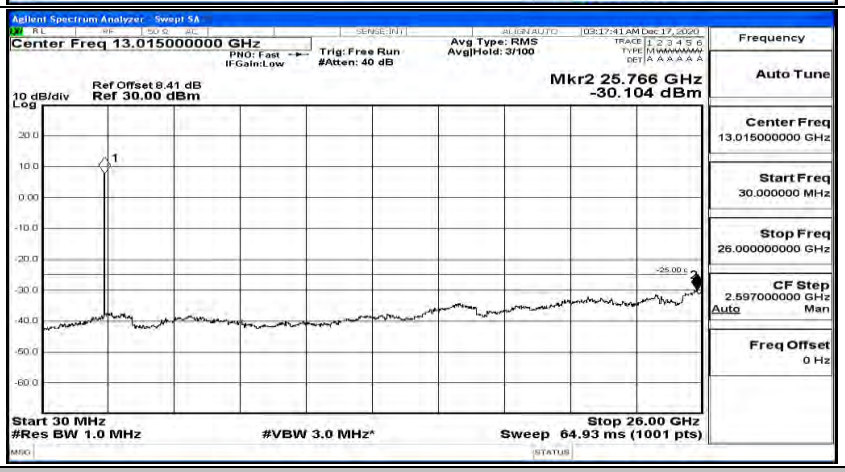
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



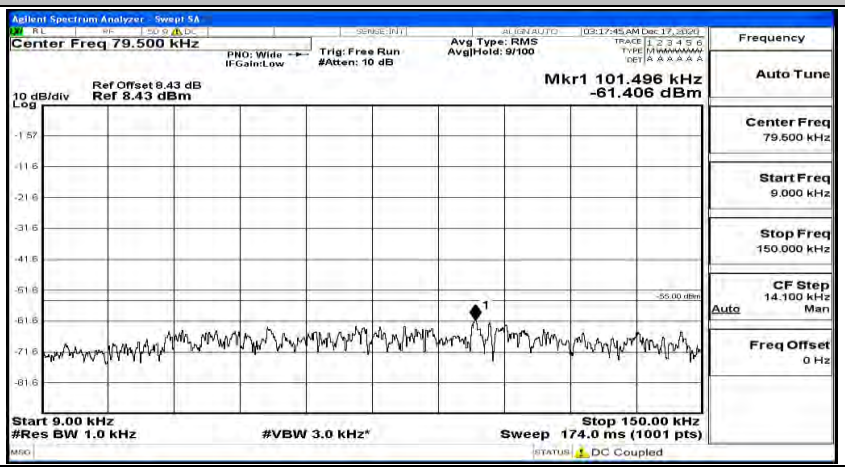
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

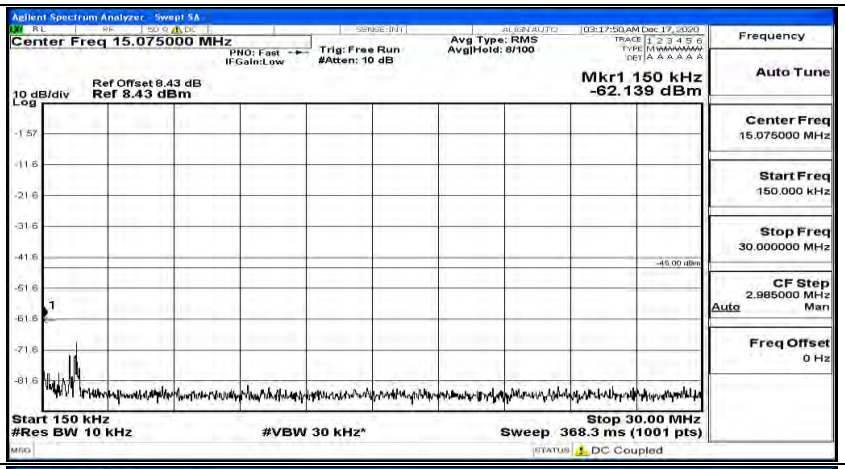


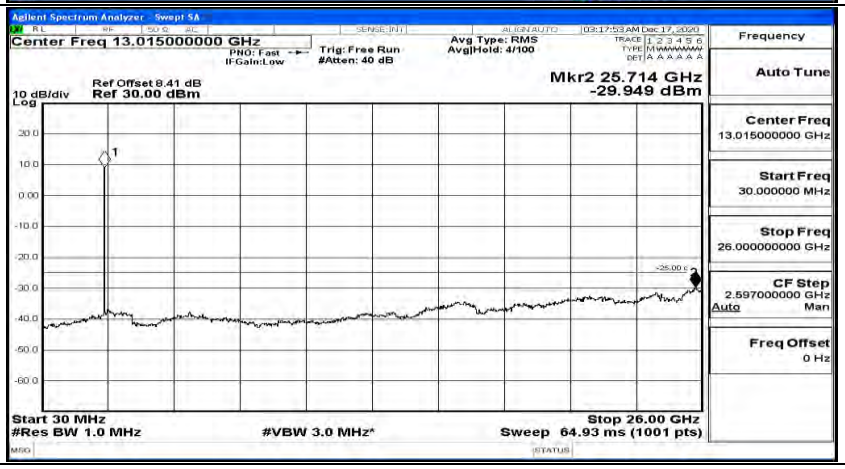




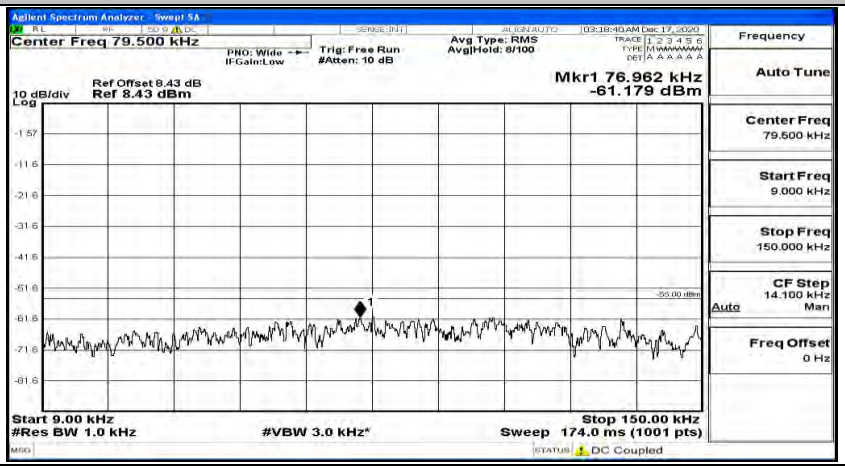
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

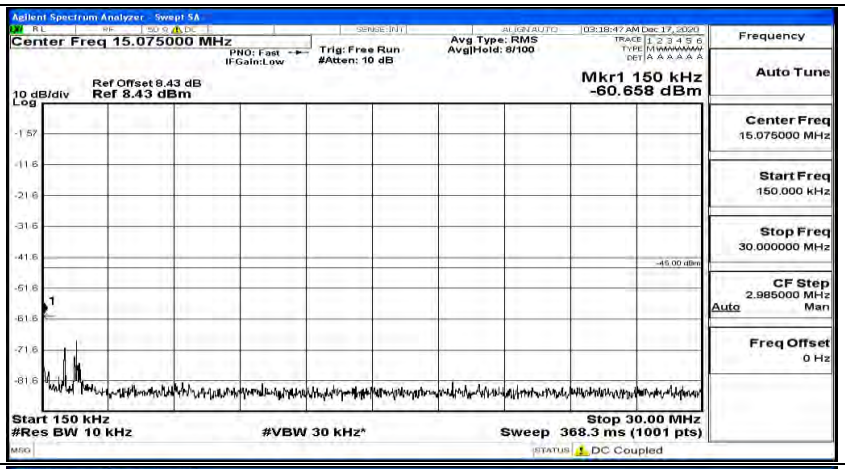




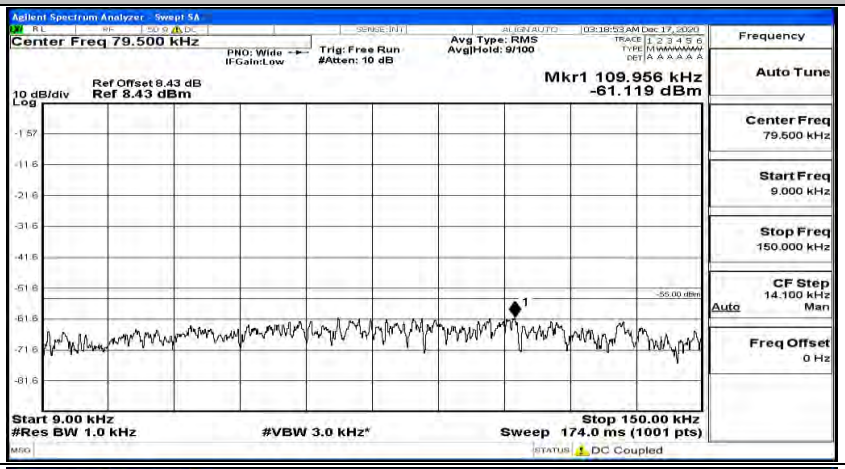


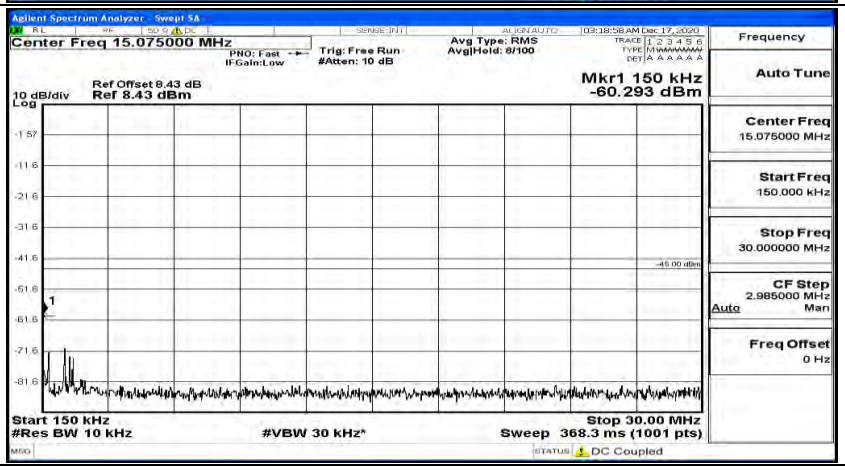
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

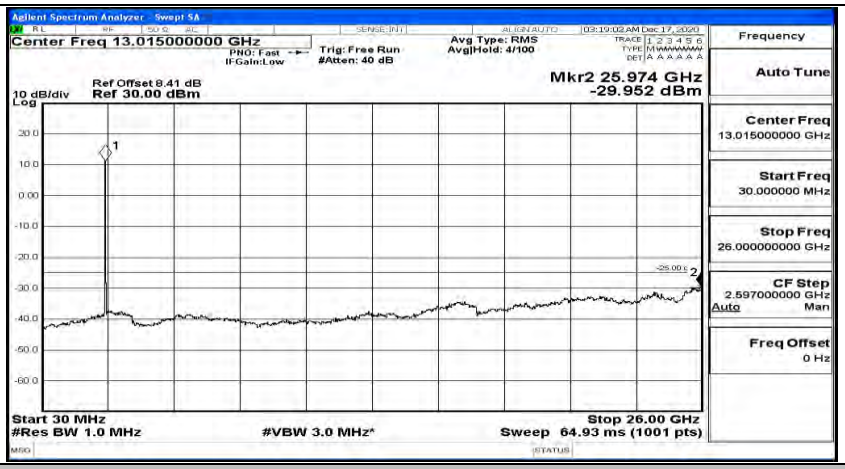




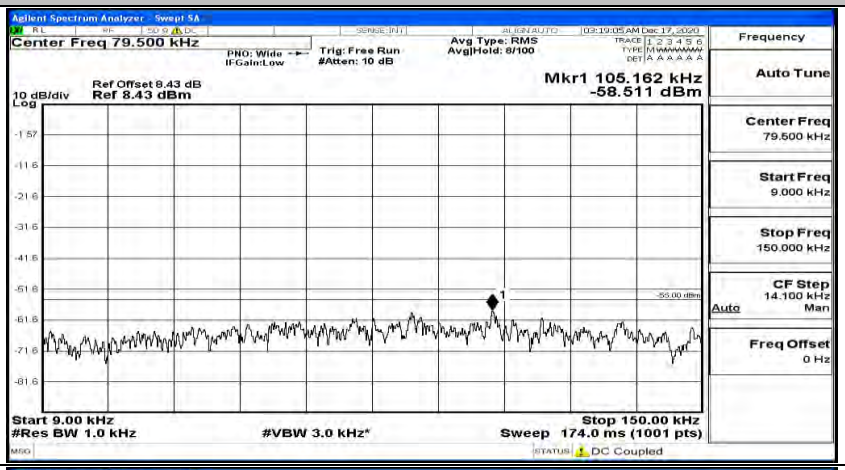
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

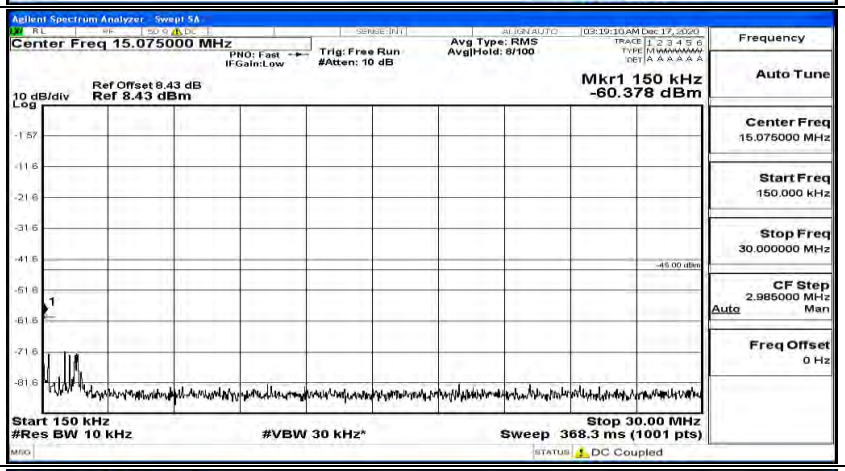


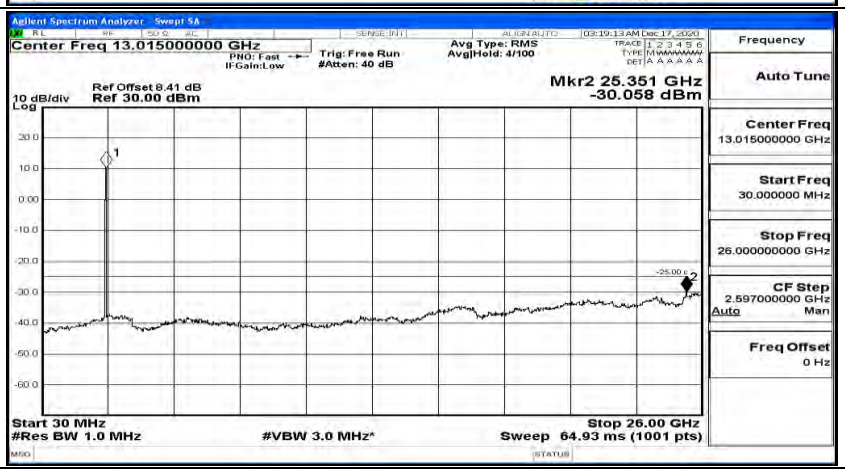




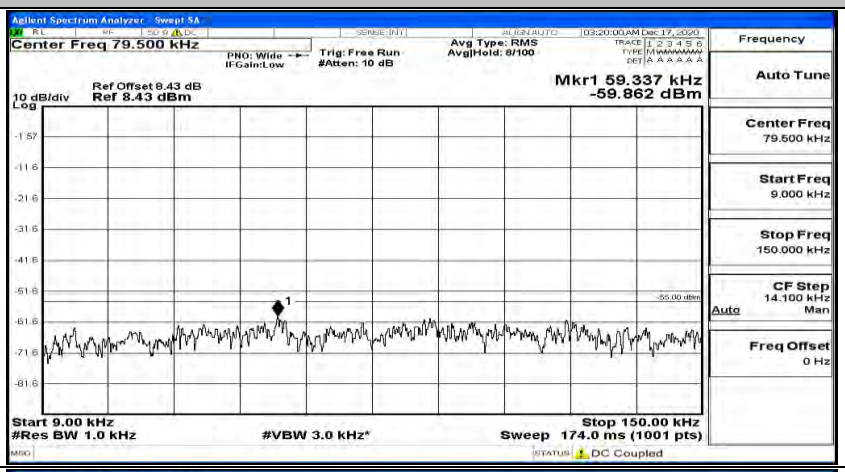
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

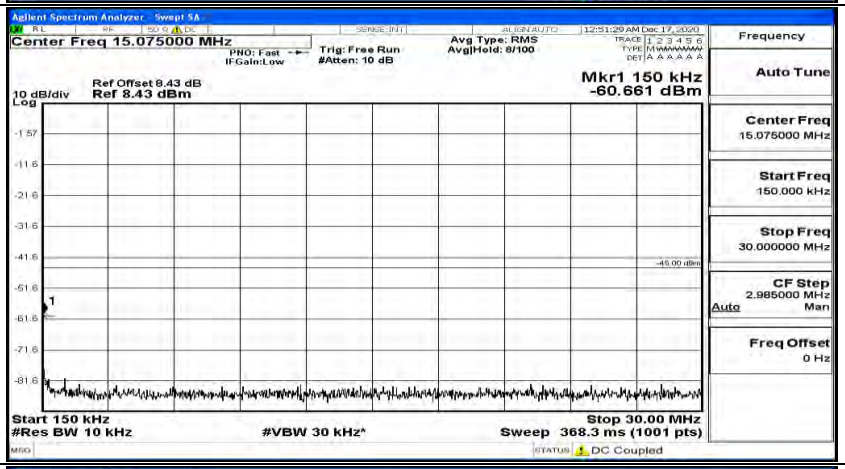




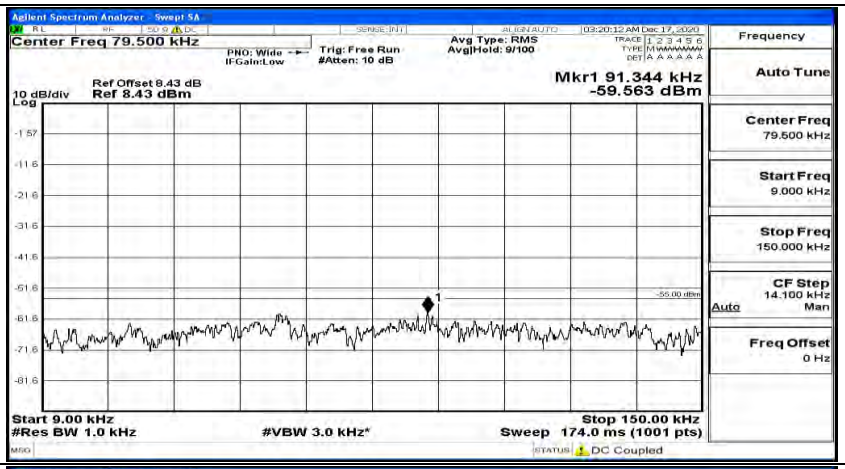


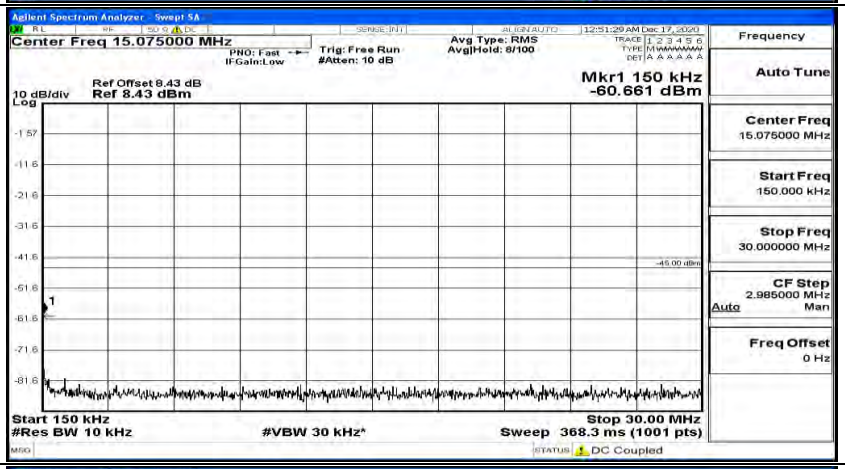
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

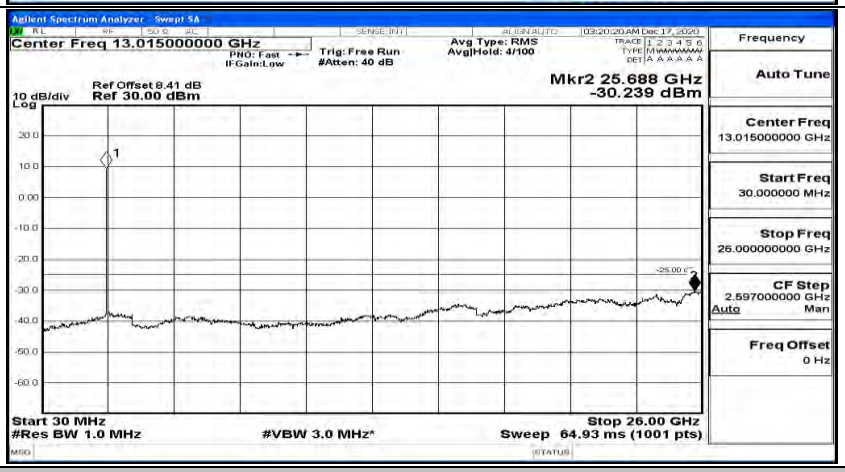




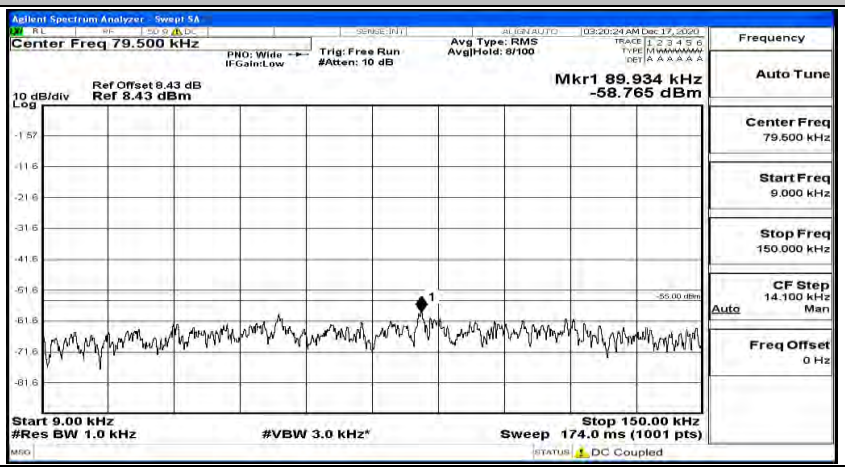
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

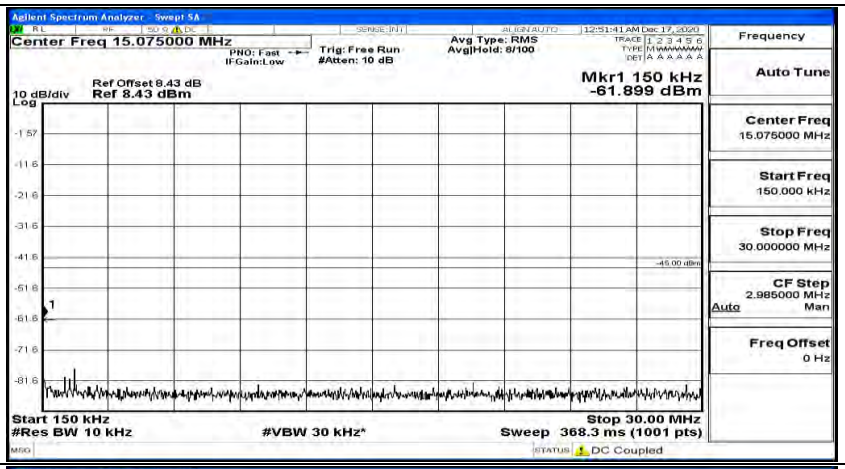


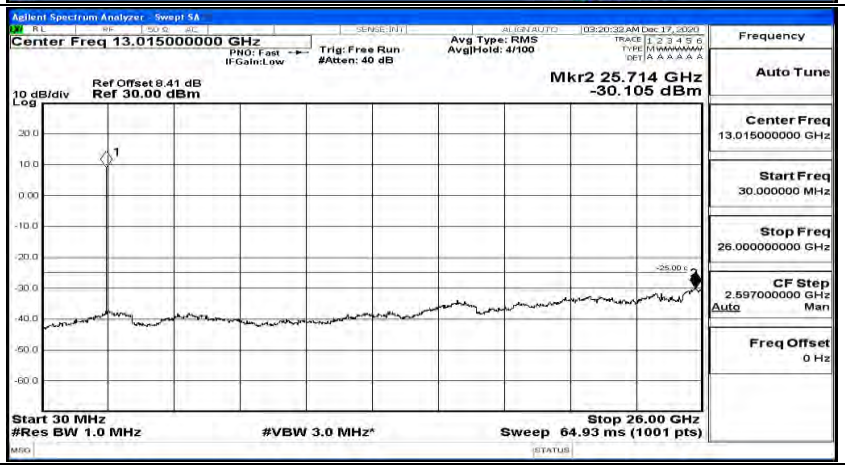




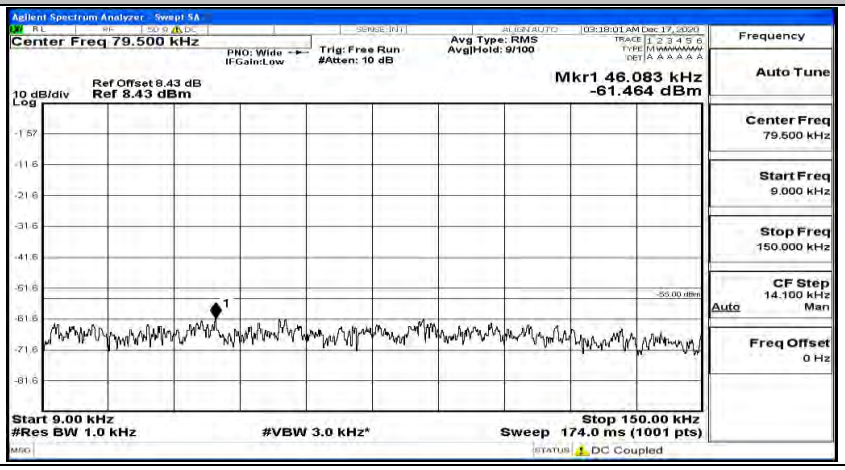
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

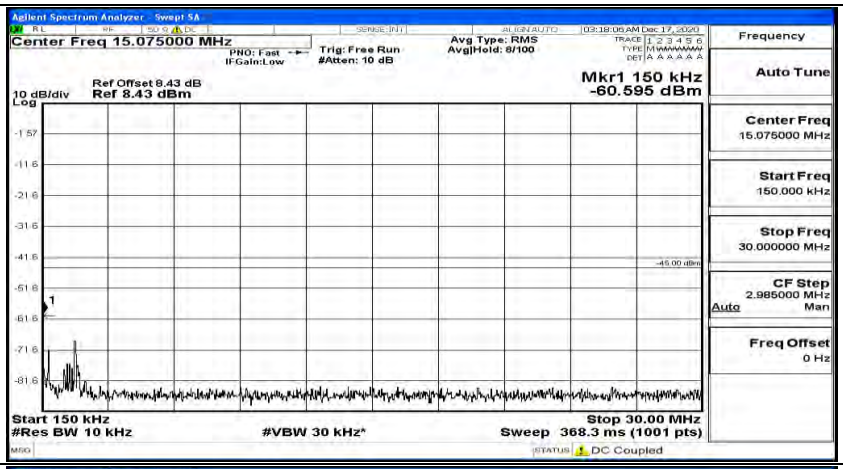




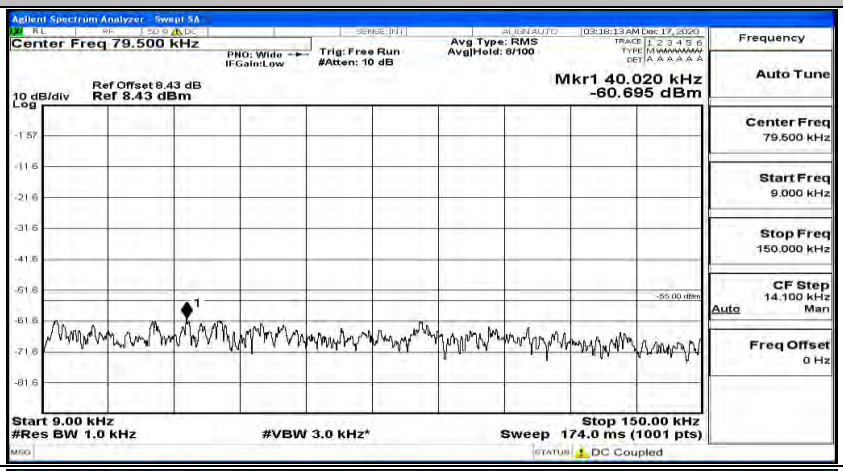


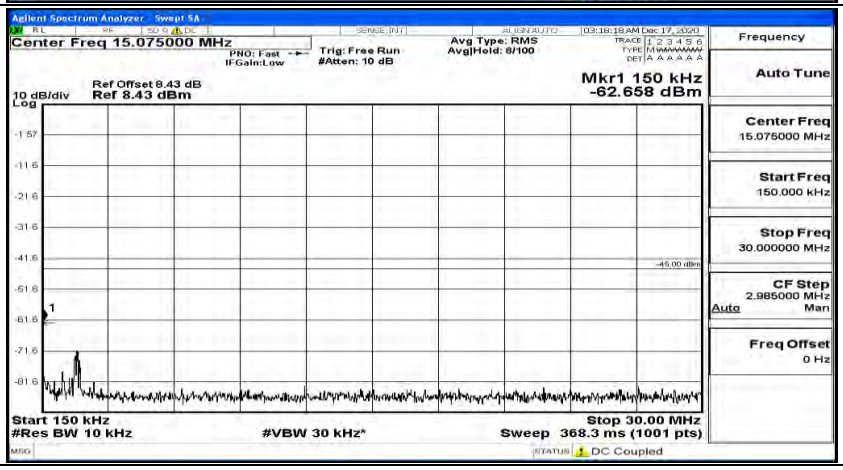
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

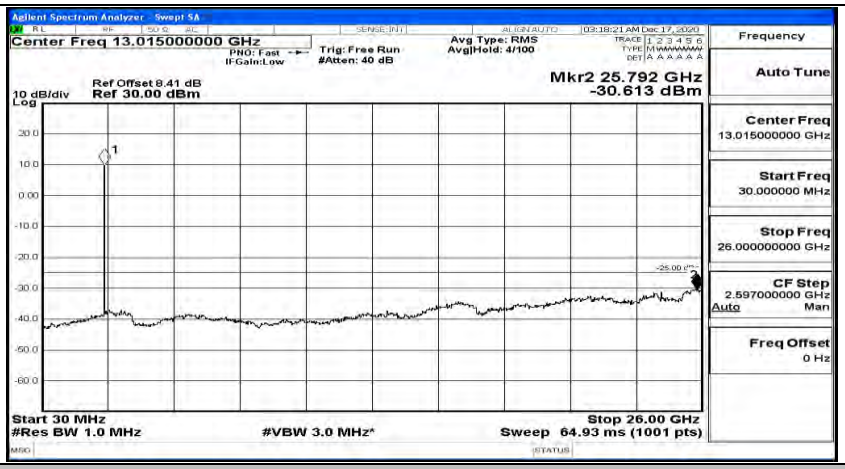




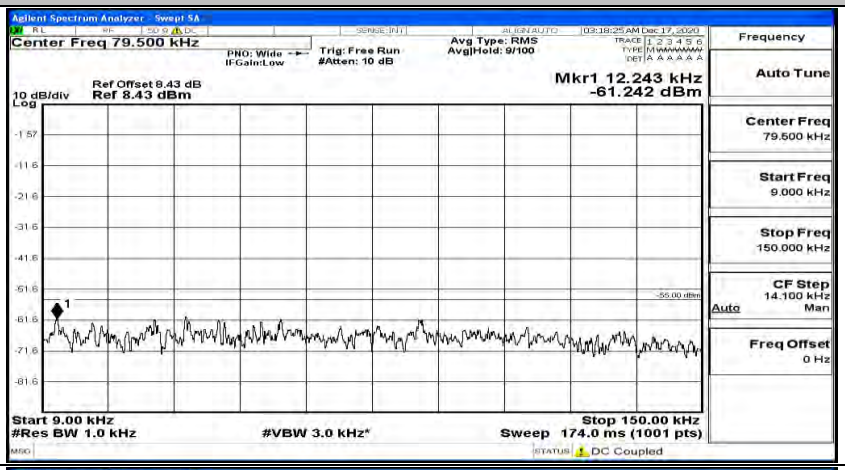
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

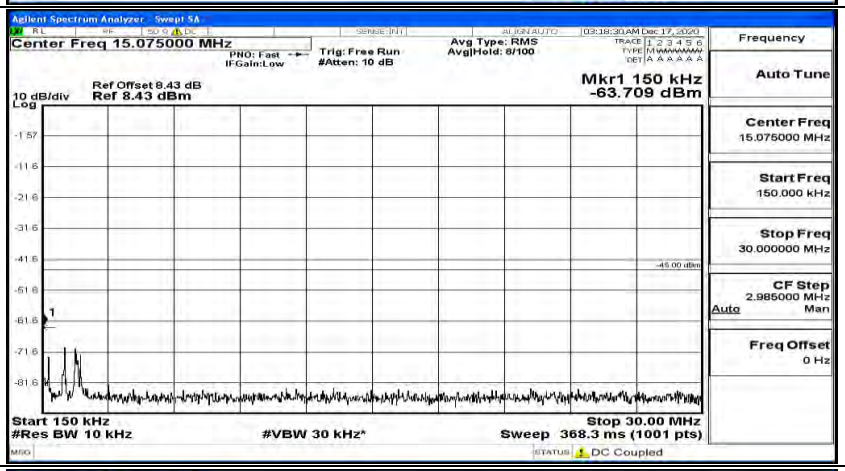


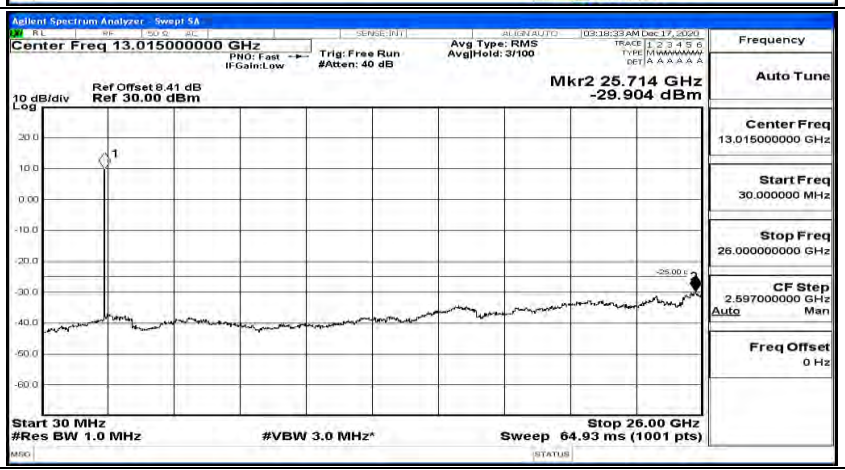




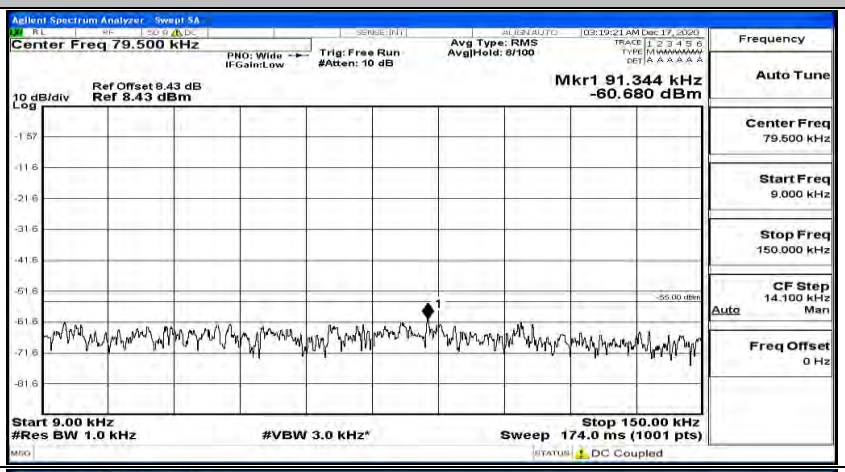
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

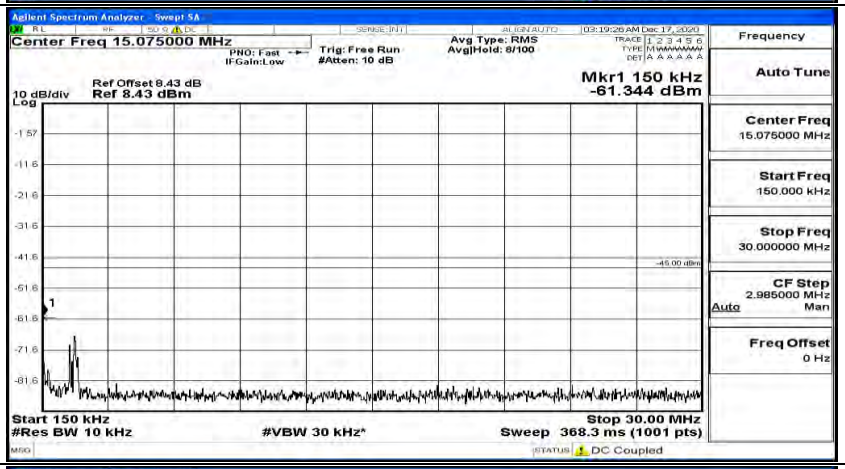


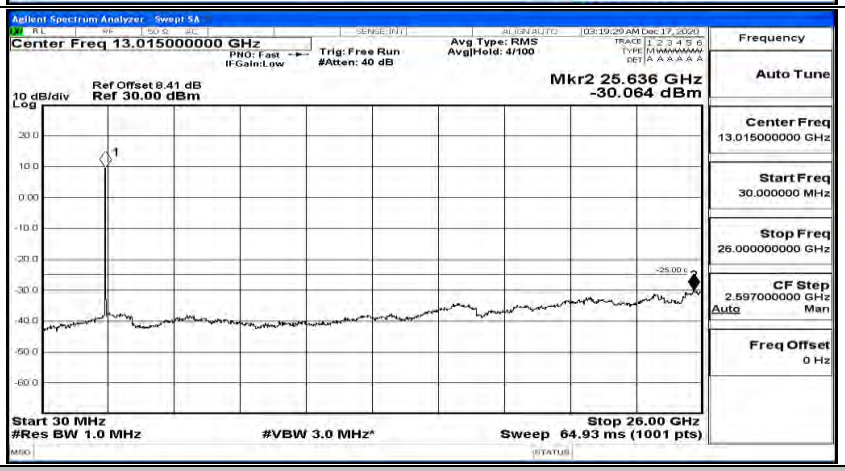




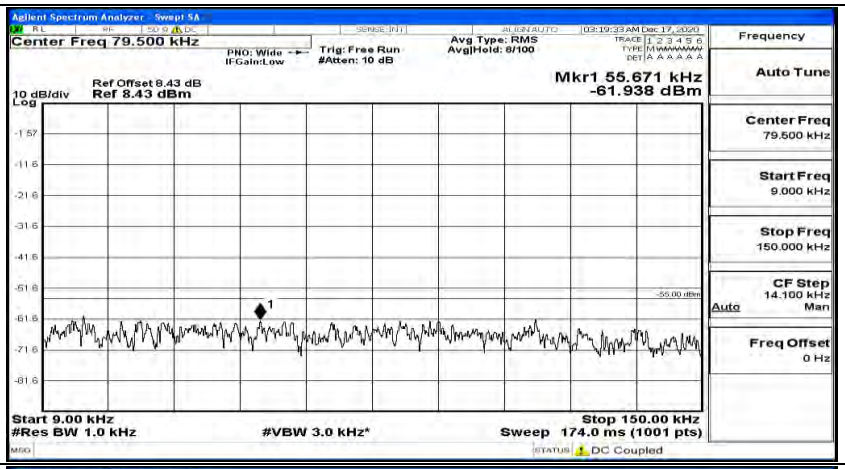
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

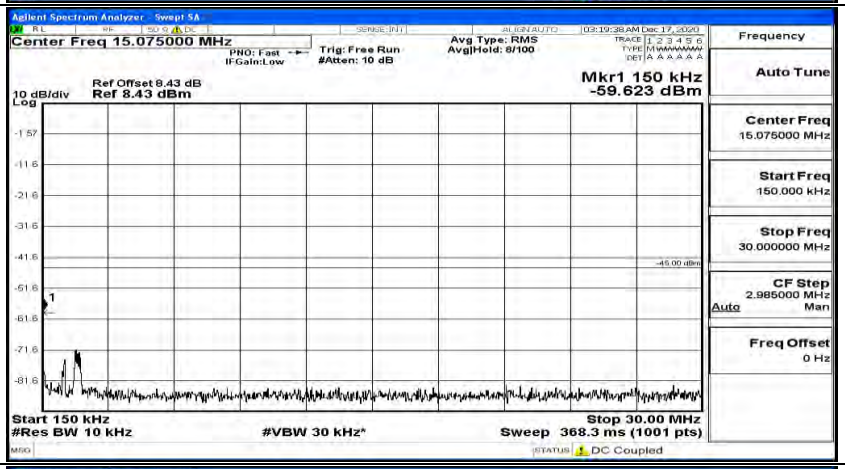


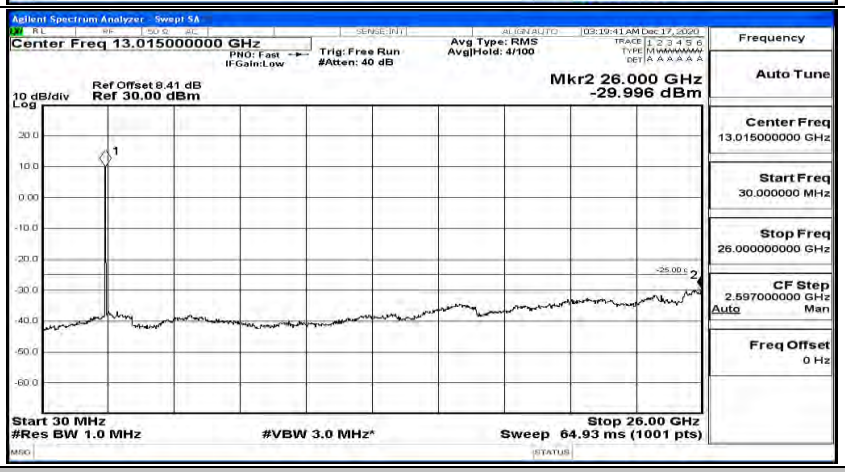




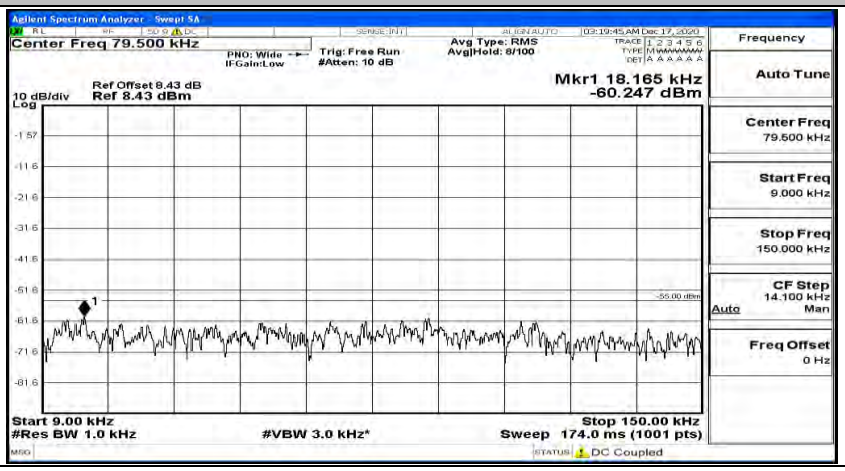
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12

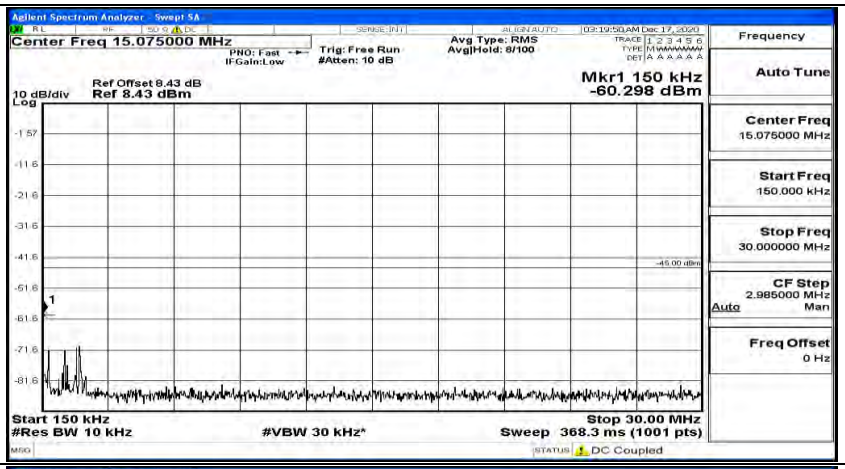


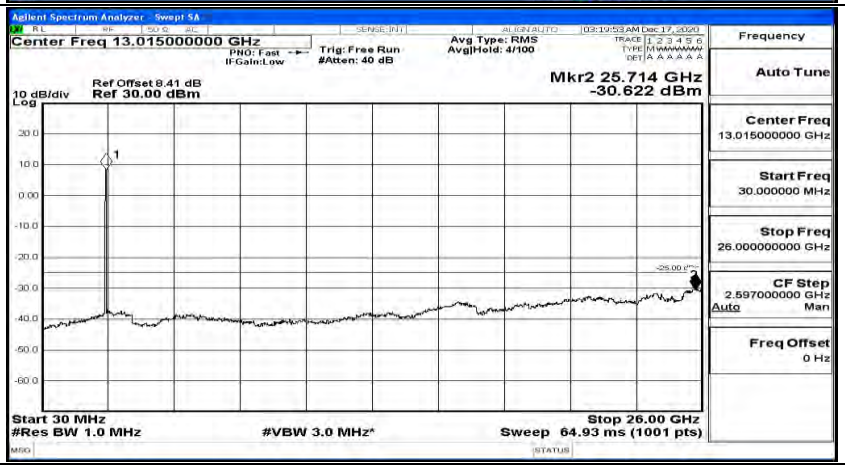




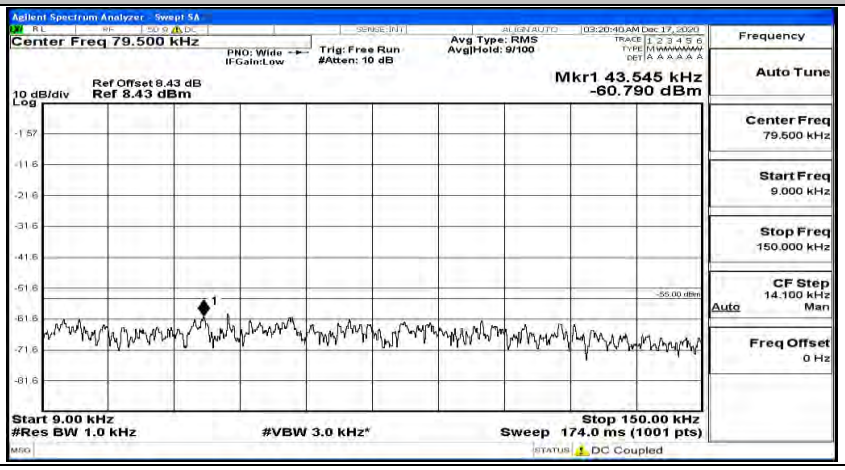
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

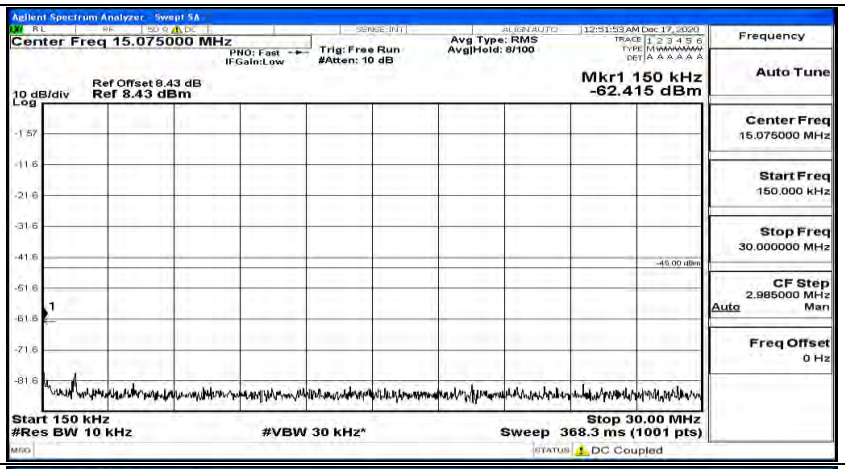


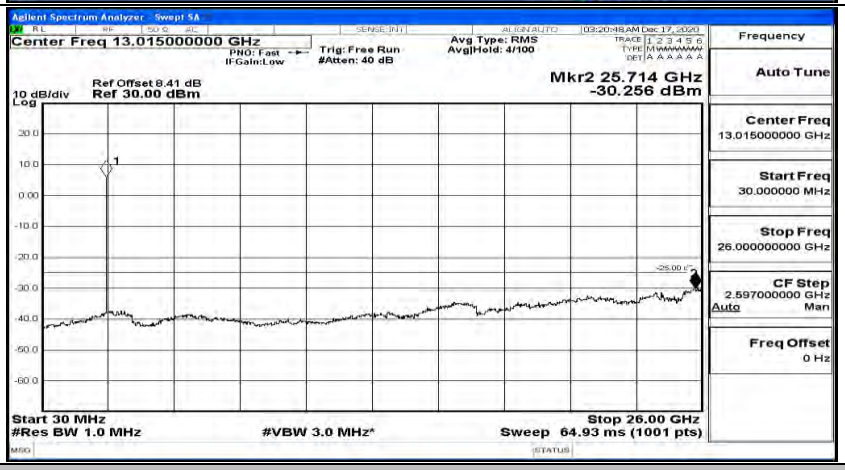




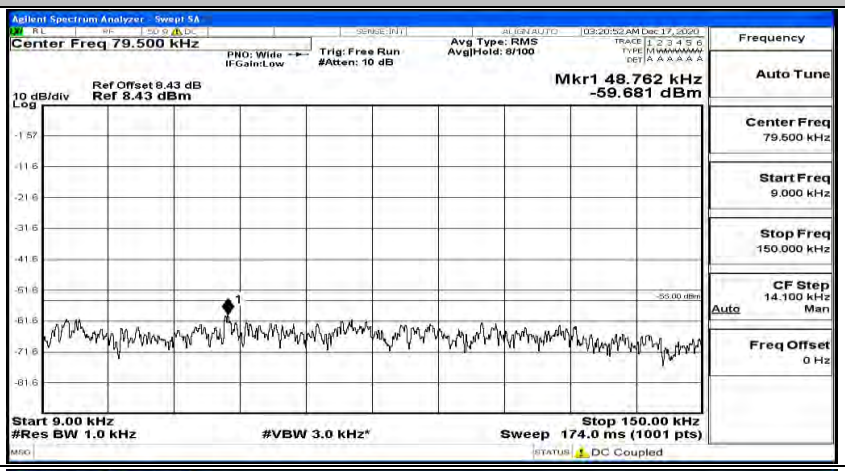
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

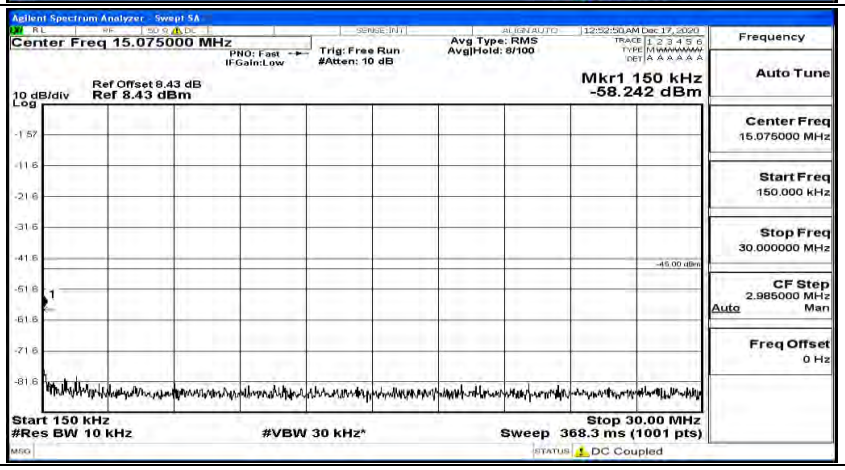


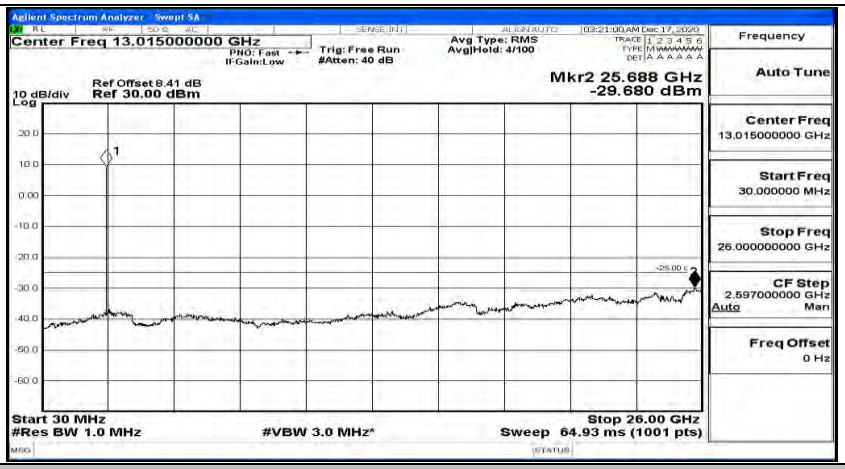




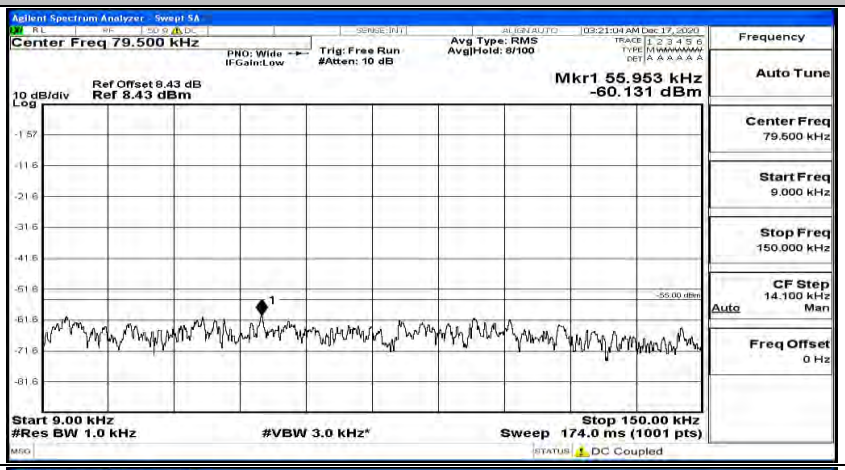
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

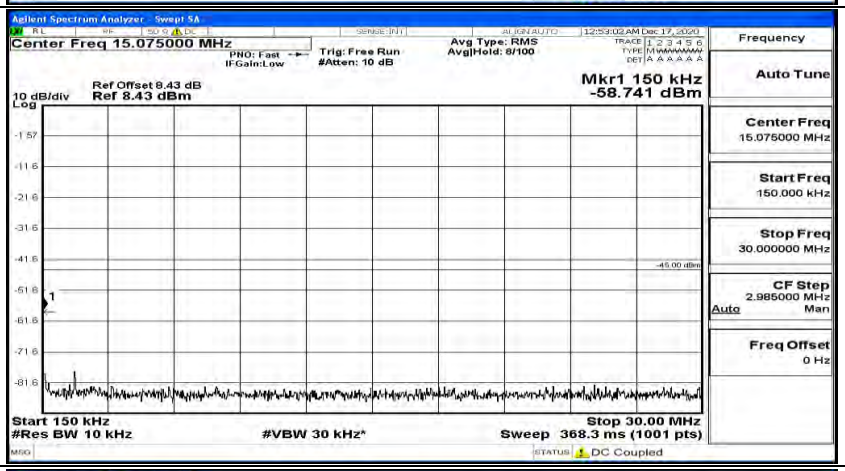


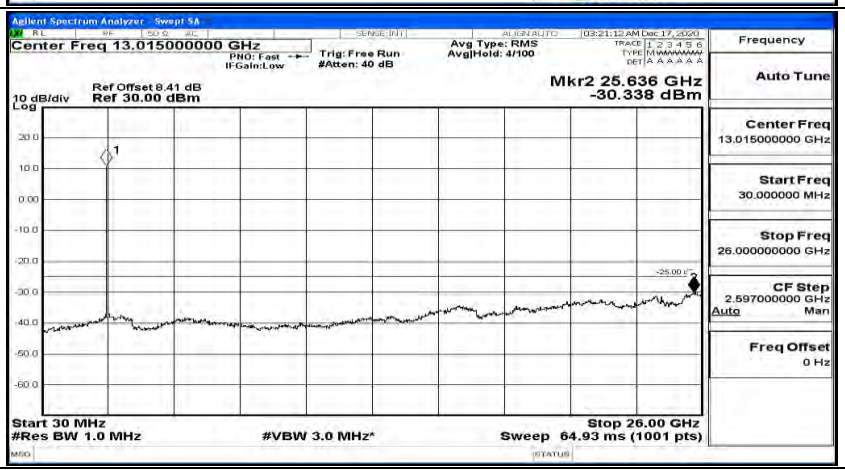




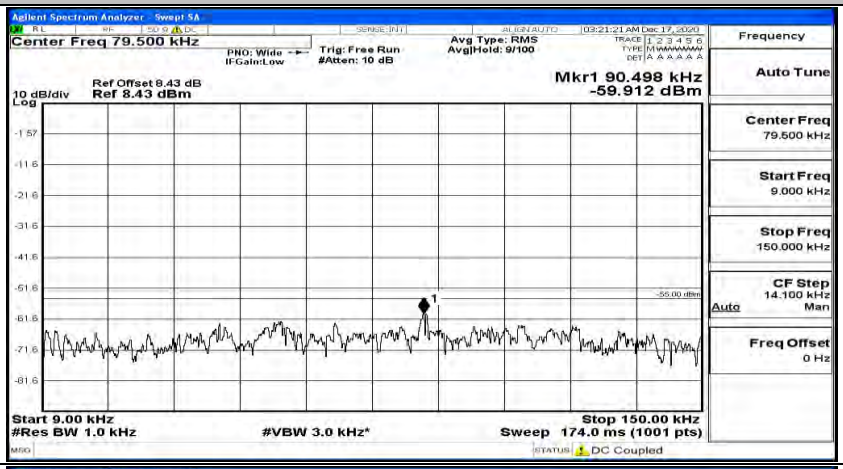
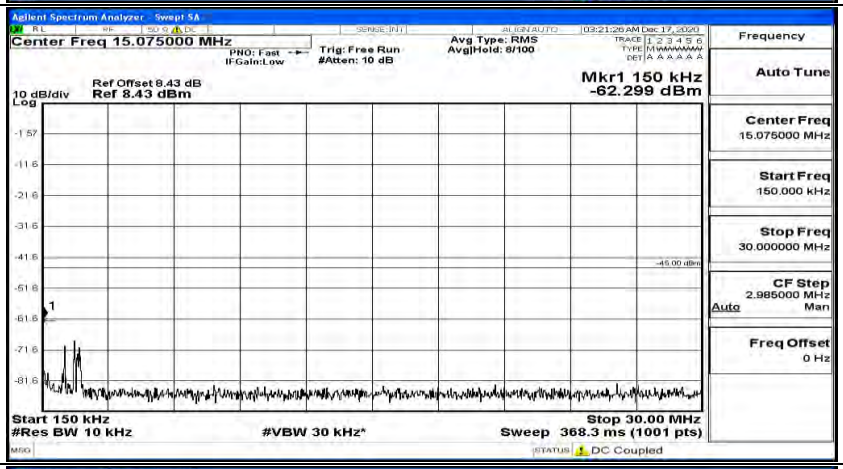
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



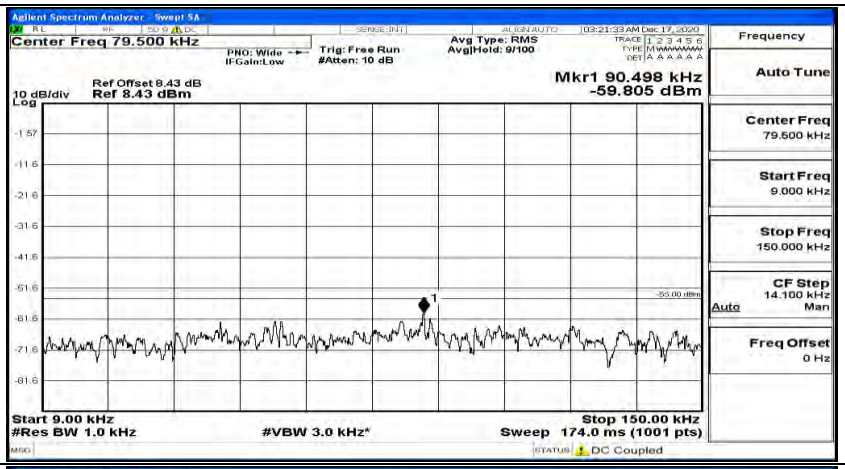


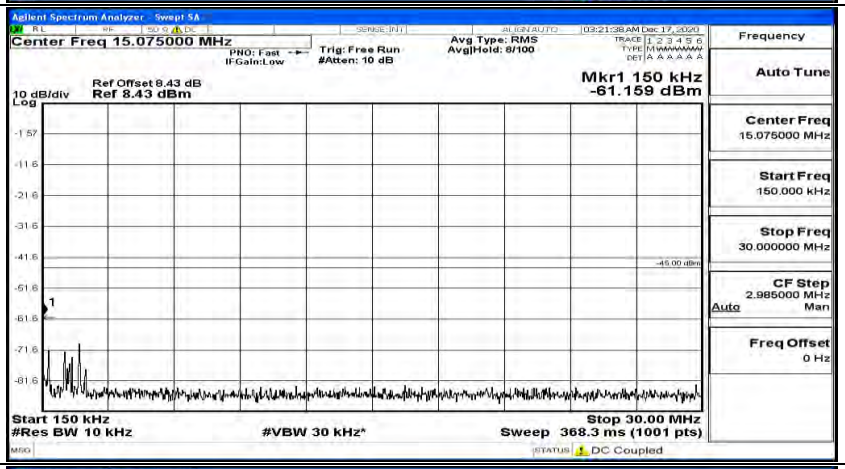


Channel Bandwidth: 10 MHz

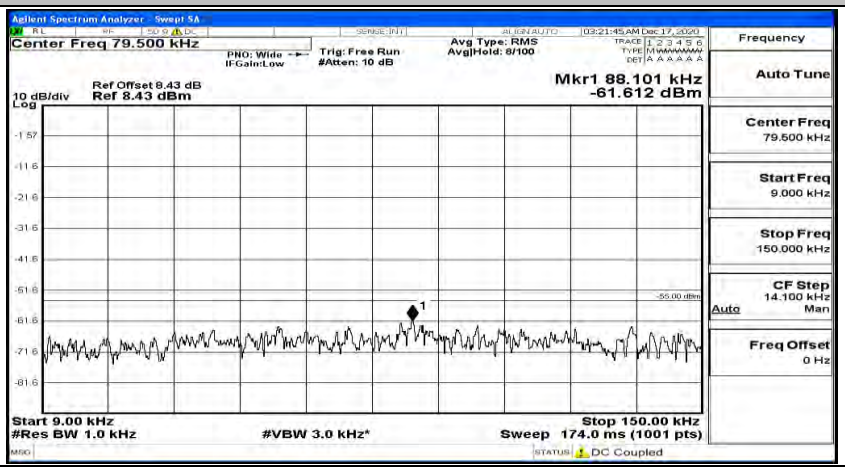
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0



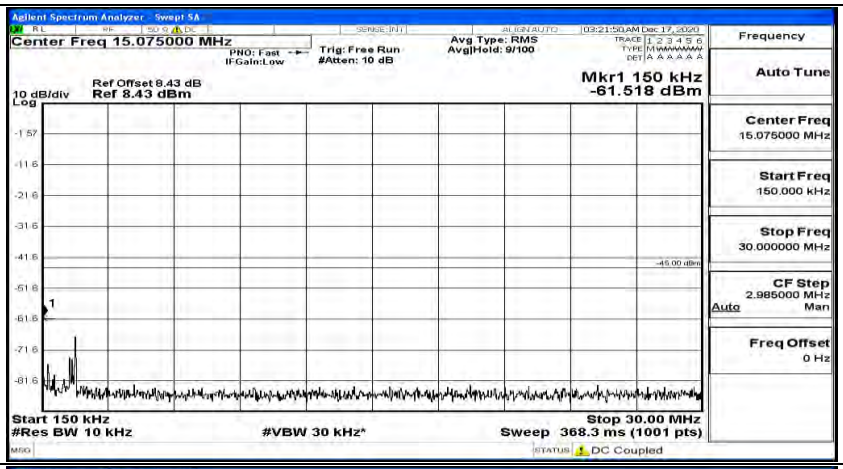
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24



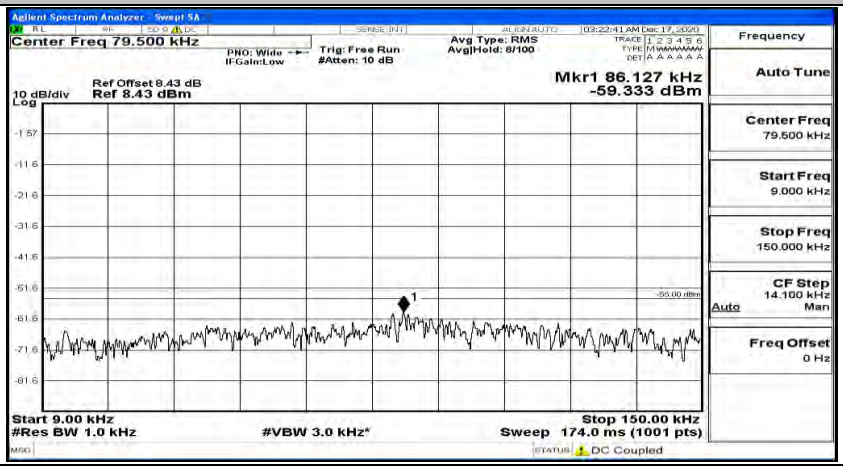


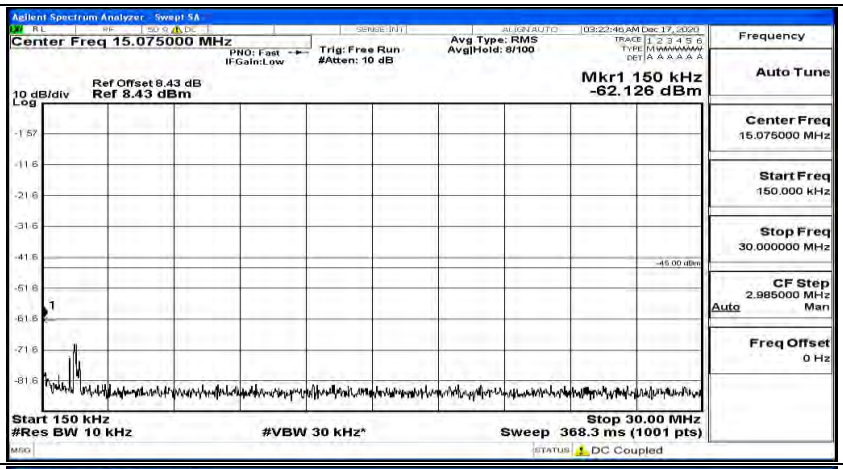
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

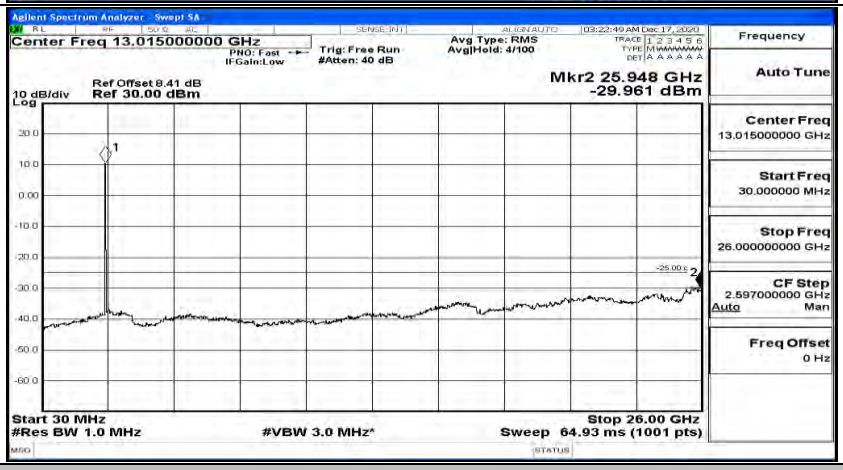




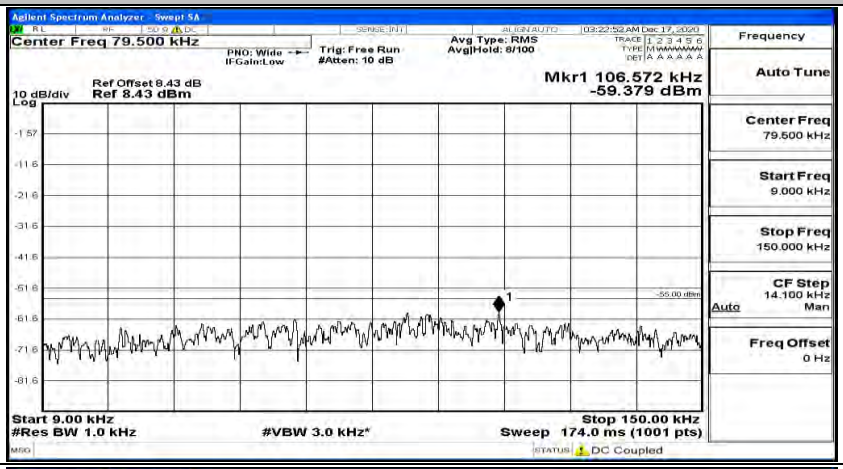
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

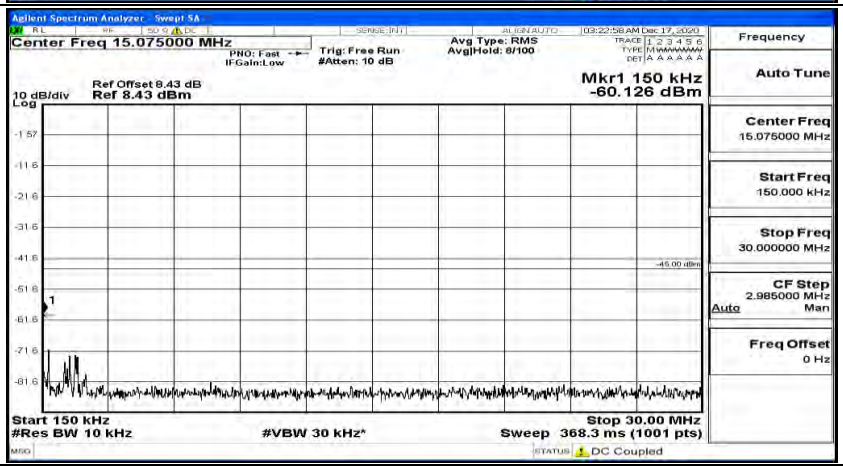




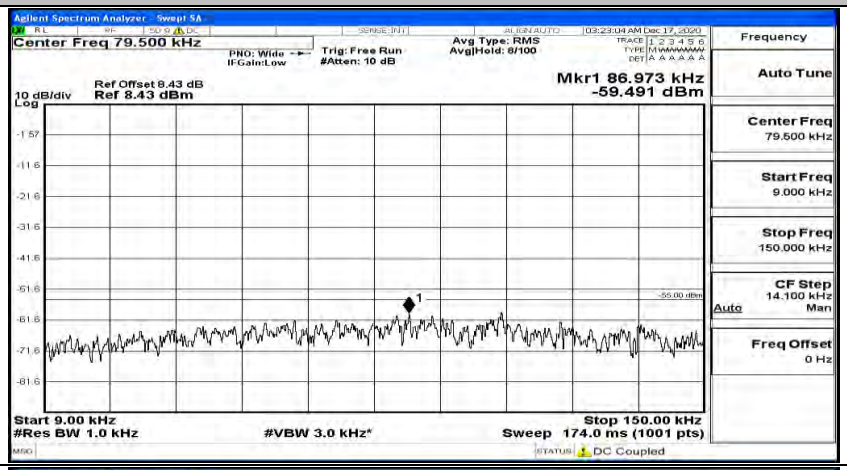


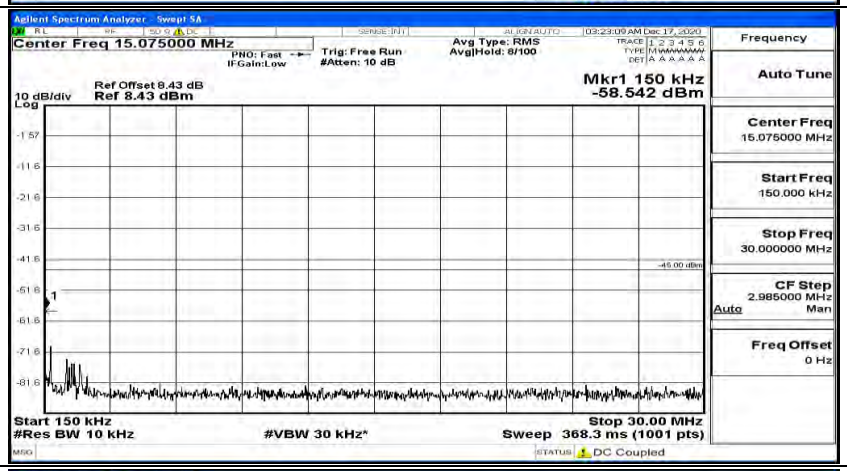
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#24

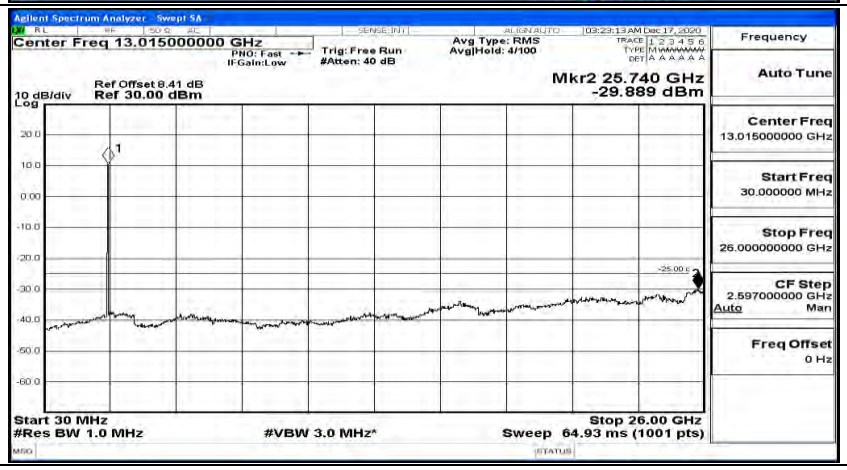


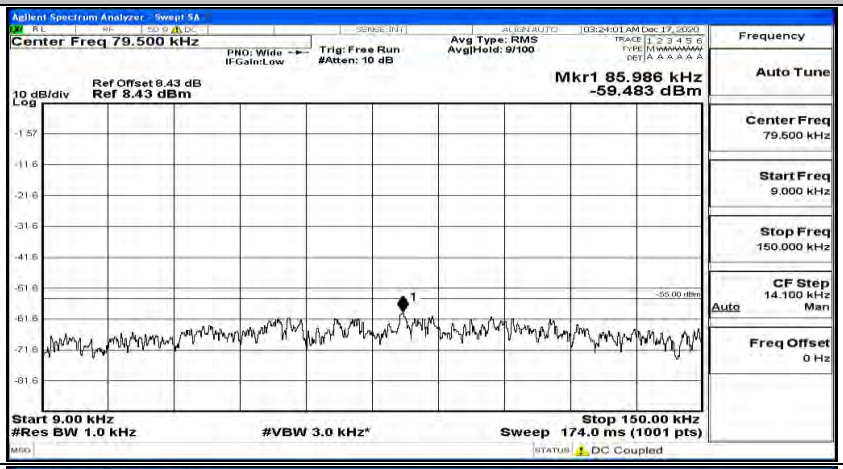
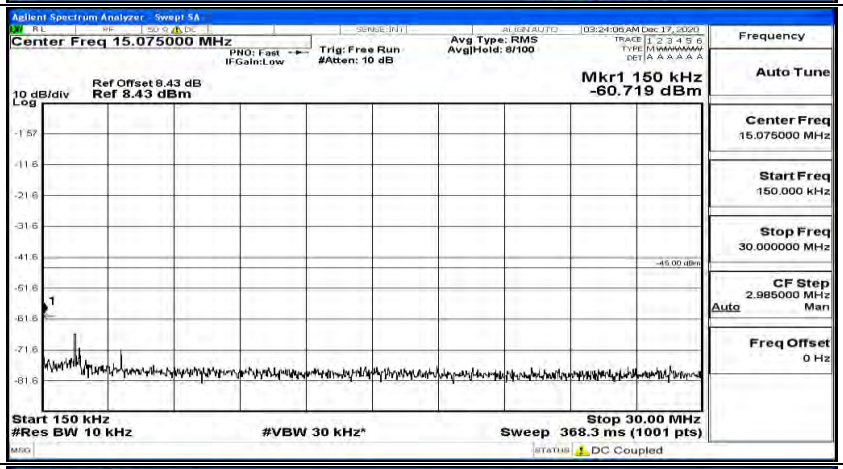


Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#49

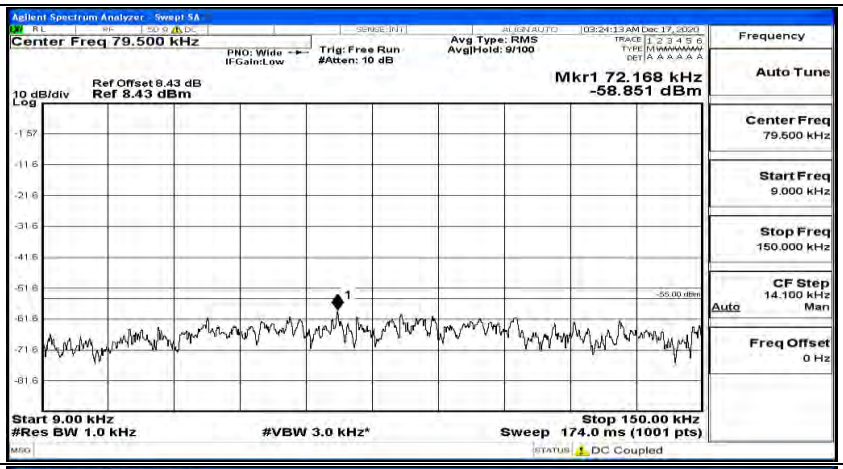


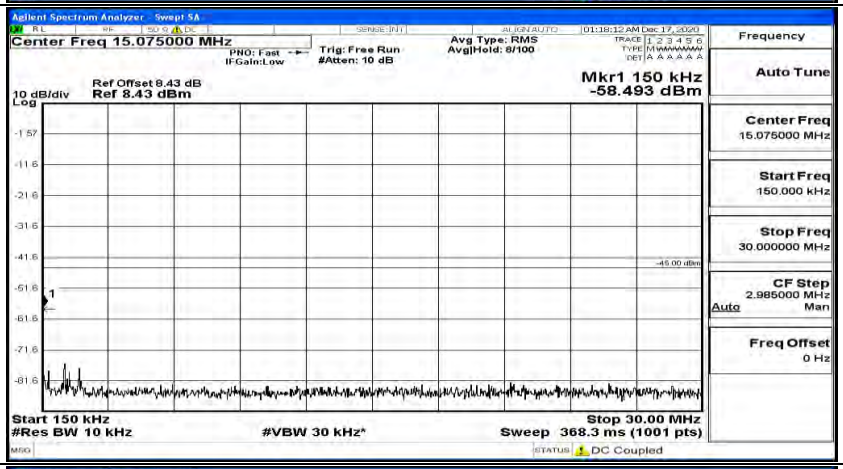




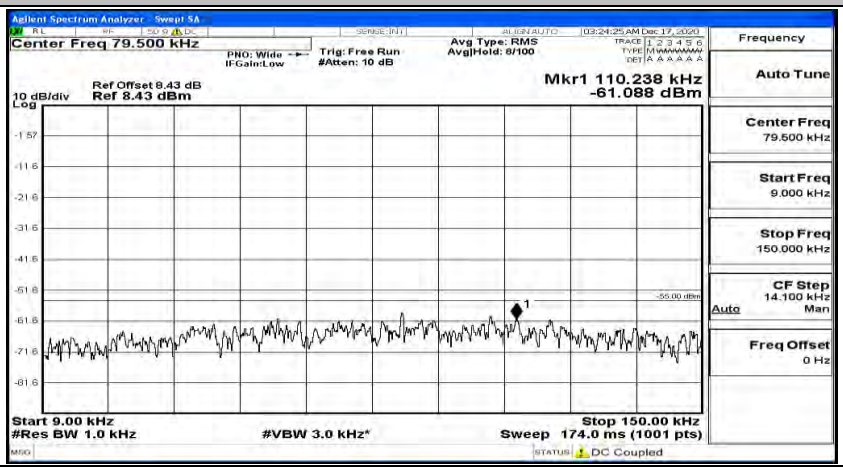
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



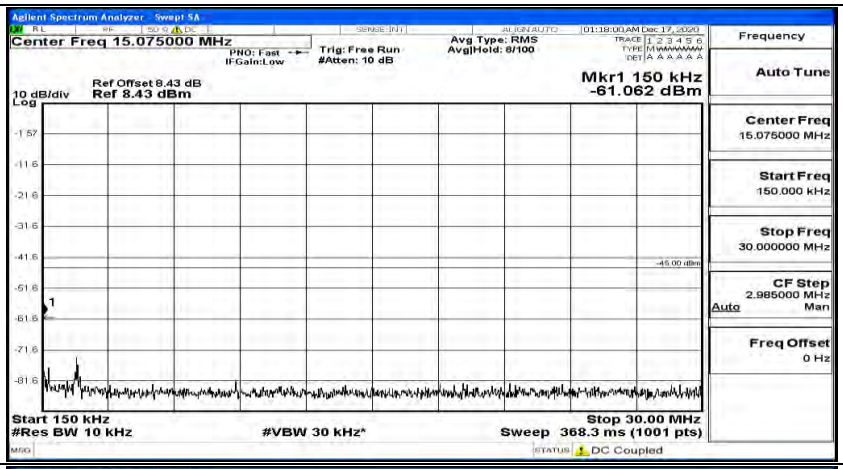
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



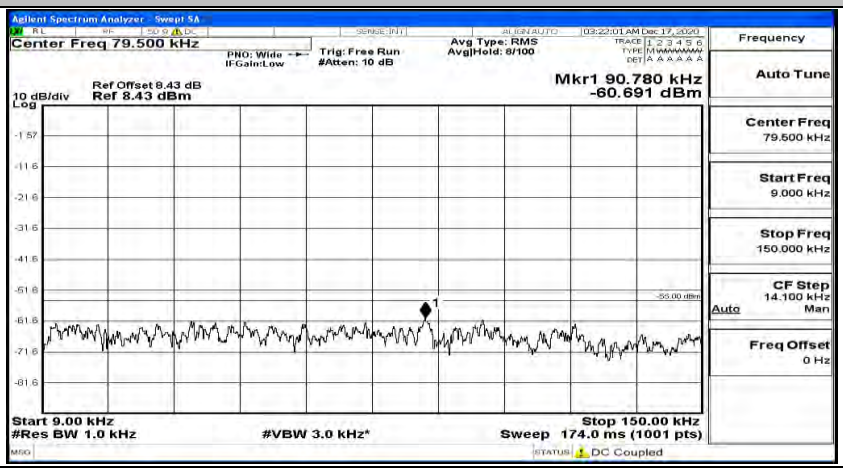


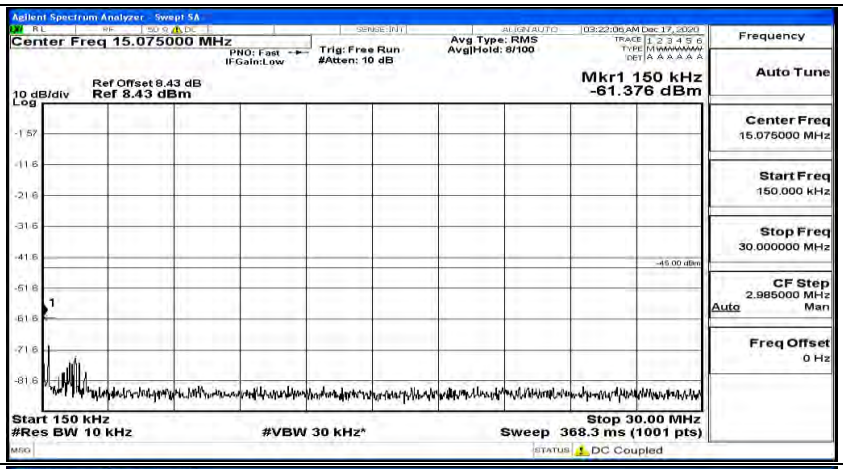
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

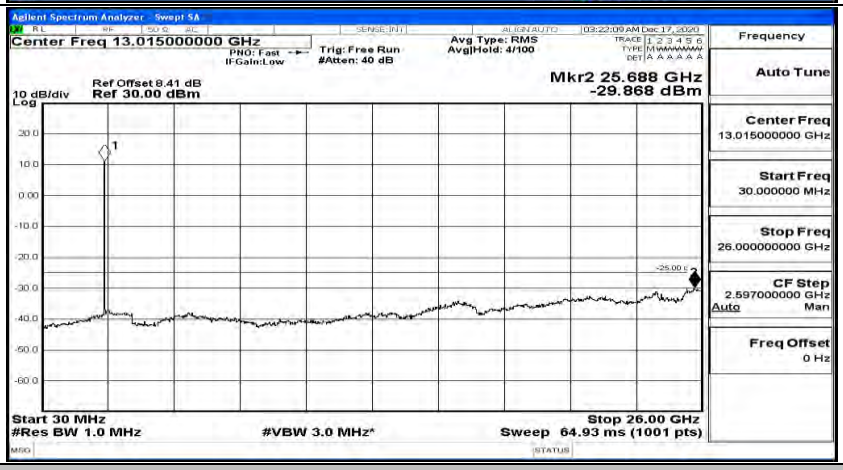




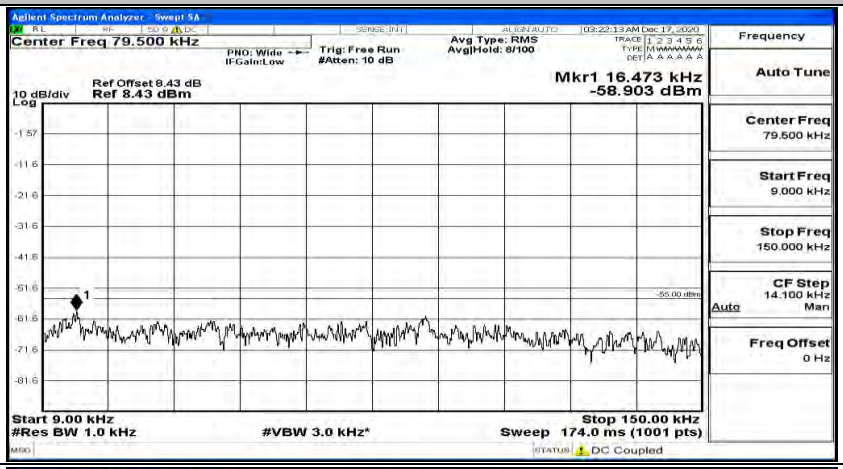
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

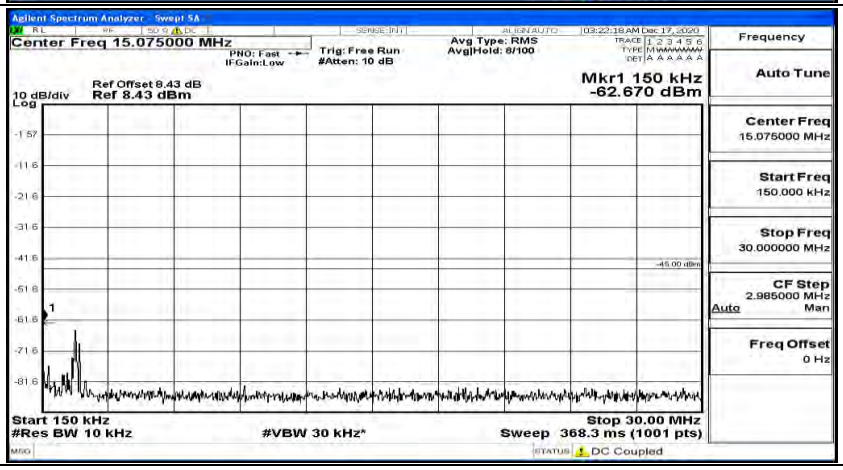




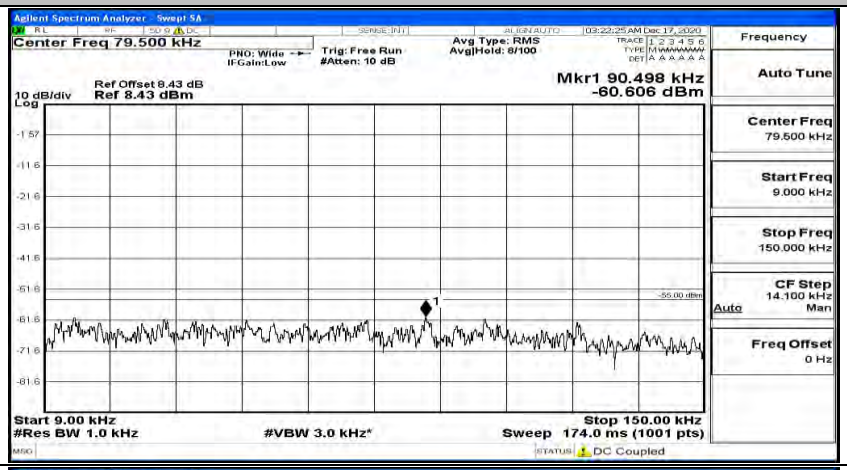


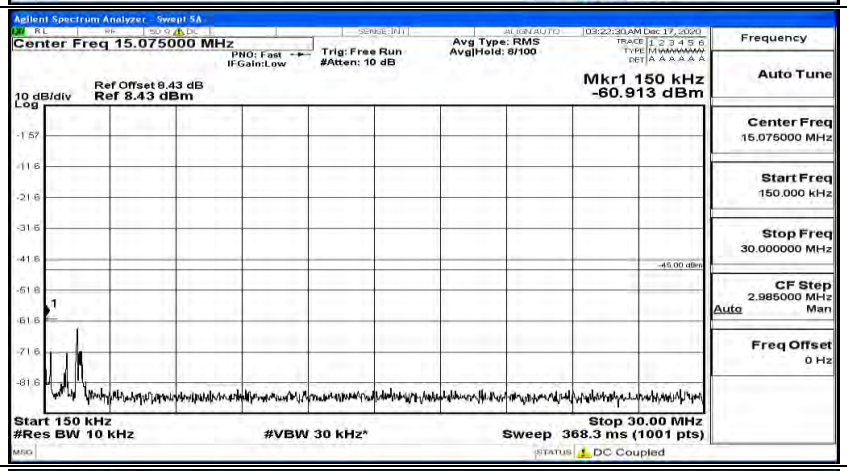
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

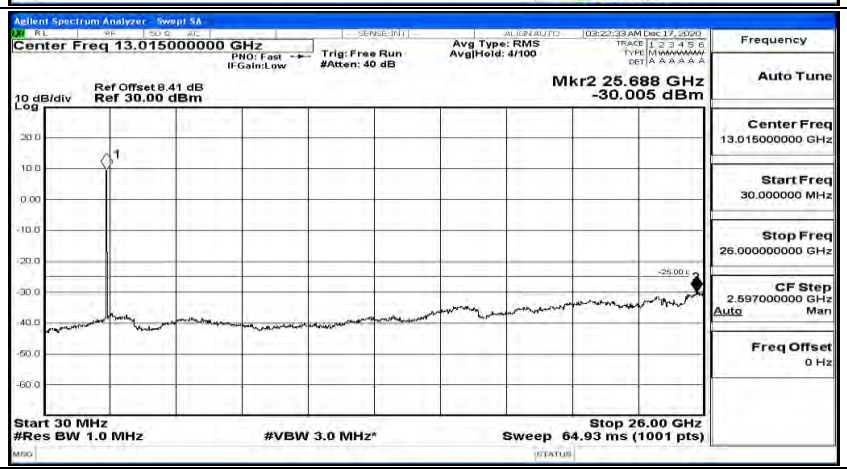


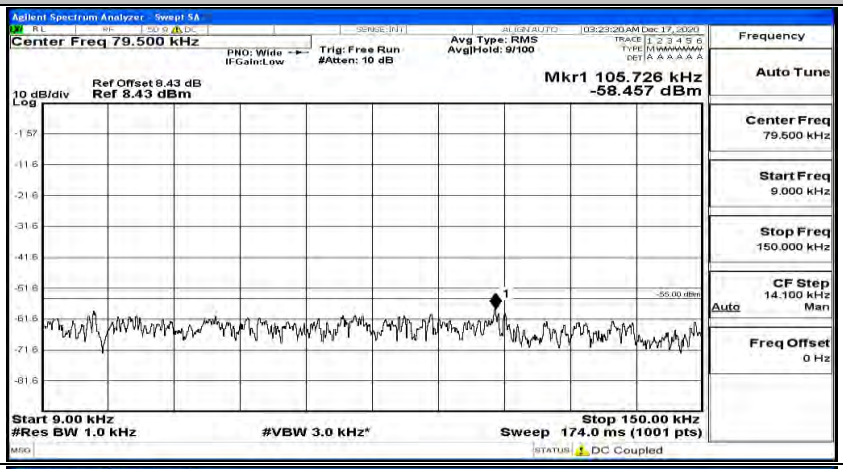
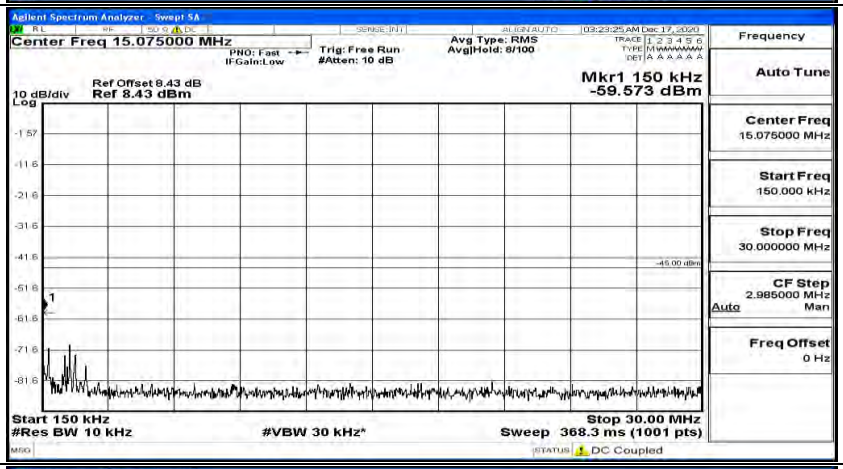
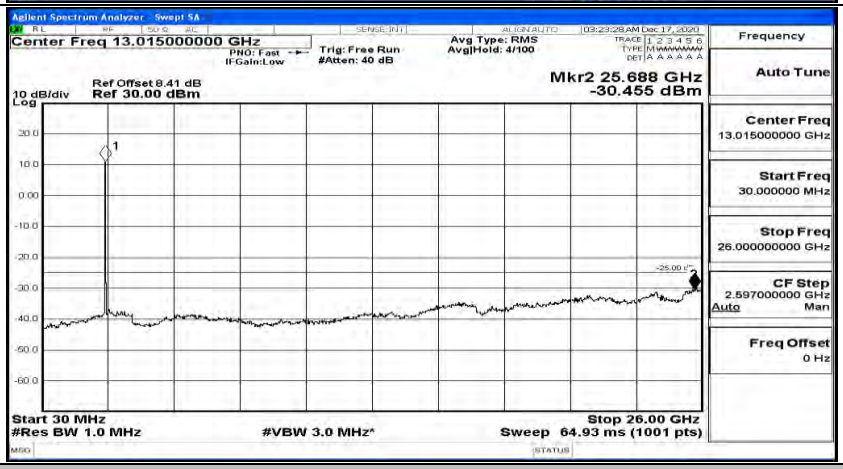


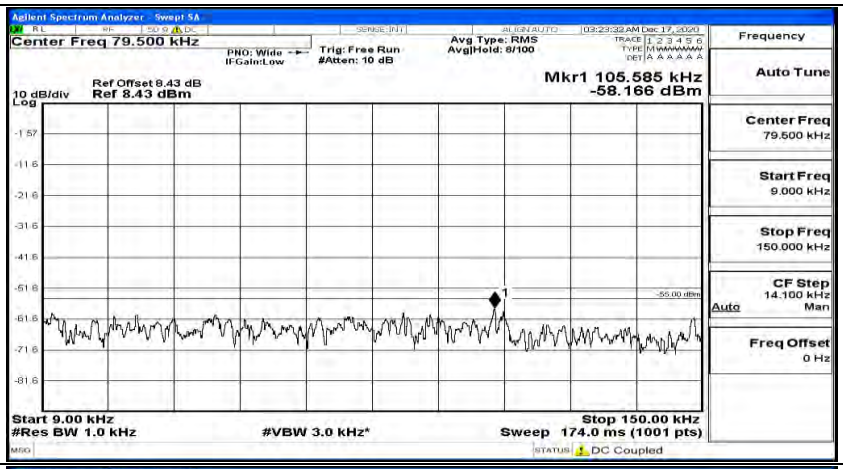
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

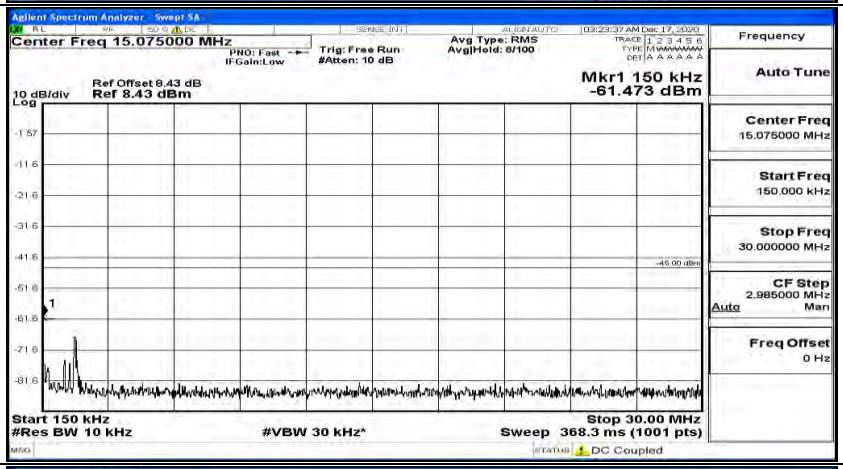


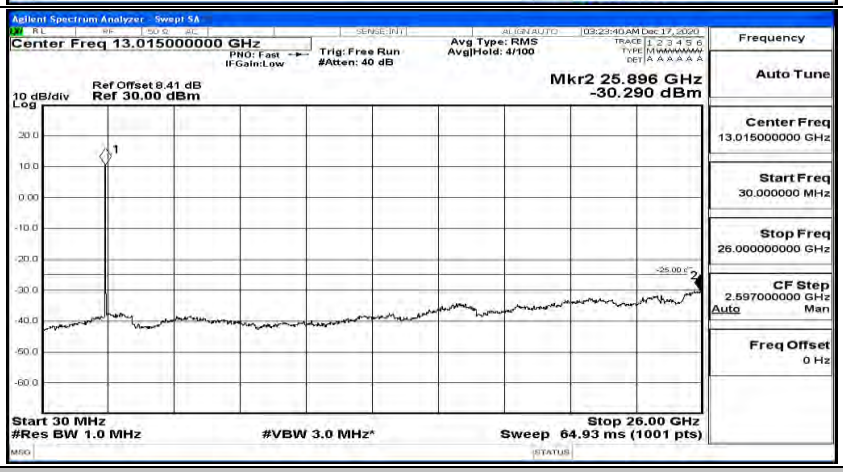




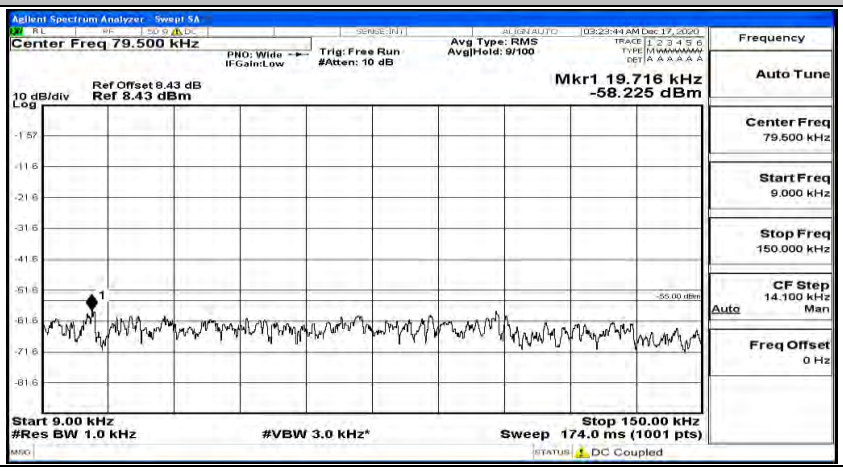
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#24

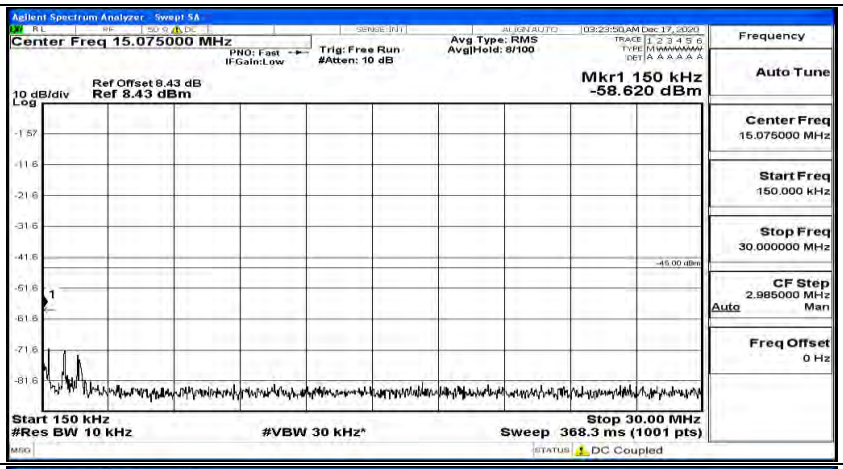




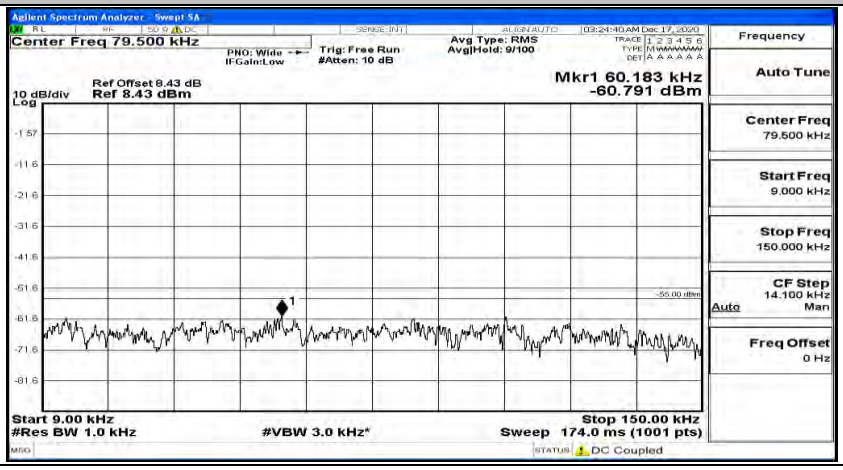


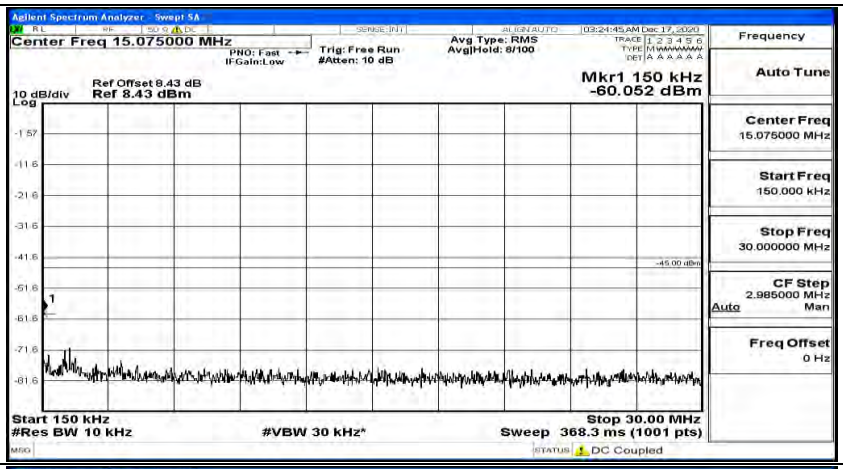
Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49





Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0





Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24