

Appendix G: Test Data for E-UTRA Band 7

Product Name: Tablet



Environmental Conditions

Temperature:	22.7°C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

G.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	24.27	23.22	PASS
		1	12	24.25	23.10	PASS
		1	24	23.23	22.27	PASS
		12	0	22.97	21.67	PASS
		12	6	22.85	21.48	PASS
		12	13	22.56	21.24	PASS
		25	0	22.25	21.31	PASS
	MCH	1	0	23.45	22.79	PASS
		1	12	23.16	22.77	PASS
		1	24	23.11	22.01	PASS
		12	0	22.63	21.63	PASS
		12	6	22.51	21.53	PASS
		12	13	22.23	21.29	PASS
		25	0	22.44	21.48	PASS
	HCH	1	0	22.30	21.71	PASS
		1	12	22.12	21.90	PASS
		1	24	22.11	21.37	PASS
		12	0	21.75	20.70	PASS
		12	6	21.69	20.66	PASS
		12	13	21.50	20.51	PASS
		25	0	21.59	20.57	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	23.71	22.78	PASS
		1	24	22.83	21.94	PASS
		1	49	21.68	20.65	PASS
		25	0	22.08	21.12	PASS
		25	12	21.68	20.71	PASS
		25	25	21.12	20.18	PASS
		50	0	21.58	20.63	PASS
	MCH	1	0	23.49	23.00	PASS
		1	24	22.85	22.73	PASS
		1	49	22.89	21.59	PASS
		25	0	22.79	21.83	PASS
		25	12	22.50	21.50	PASS
		25	25	22.13	21.11	PASS
		50	0	22.43	21.46	PASS
	HCH	1	0	21.71	21.19	PASS
		1	24	22.03	21.88	PASS
		1	49	22.05	21.39	PASS
		25	0	21.60	20.53	PASS
		25	12	21.72	20.69	PASS
		25	25	21.68	20.64	PASS
		50	0	21.55	20.57	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	23.56	22.61	PASS
		1	37	22.27	21.25	PASS
		1	74	21.02	20.10	PASS
		37	0	21.92	20.87	PASS
		37	18	21.33	20.25	PASS
		37	38	20.64	19.53	PASS
		75	0	21.31	20.23	PASS
	MCH	1	0	23.53	22.72	PASS
		1	37	22.75	22.72	PASS
		1	74	22.60	20.94	PASS
		37	0	23.04	21.93	PASS
		37	18	22.66	21.58	PASS
		37	38	21.89	20.87	PASS
		75	0	22.43	21.37	PASS
	HCH	1	0	21.02	20.11	PASS
		1	37	21.76	21.67	PASS
		1	74	22.03	21.30	PASS
		37	0	21.10	19.97	PASS
		37	18	21.66	20.53	PASS
		37	38	21.90	20.68	PASS
		75	0	21.51	20.36	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	23.36	22.45	PASS
		1	49	21.90	20.75	PASS
		1	99	21.07	20.48	PASS
		50	0	21.40	20.35	PASS
		50	25	20.68	19.67	PASS
		50	50	20.09	19.07	PASS
		100	0	20.81	19.80	PASS
	MCH	1	0	23.07	22.27	PASS
		1	49	22.73	22.75	PASS
		1	99	22.16	20.31	PASS
		50	0	22.69	21.71	PASS
		50	25	22.33	21.40	PASS
		50	50	21.59	20.63	PASS
		100	0	22.10	21.09	PASS
	HCH	1	0	20.35	19.45	PASS
		1	49	21.52	21.13	PASS
		1	99	21.86	21.10	PASS
		50	0	20.27	19.35	PASS
		50	25	20.98	19.99	PASS
		50	50	21.44	20.41	PASS
		100	0	20.88	19.85	PASS

G.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	4.43	<13	PASS
	MCH	4.02	<13	PASS
	HCH	3.67	<13	PASS
16QAM	LCH	5.22	<13	PASS
	MCH	4.82	<13	PASS
	HCH	4.54	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.6	<13	PASS
	MCH	4.52	<13	PASS
	HCH	4.06	<13	PASS
16QAM	LCH	5.37	<13	PASS
	MCH	5.22	<13	PASS
	HCH	4.89	<13	PASS

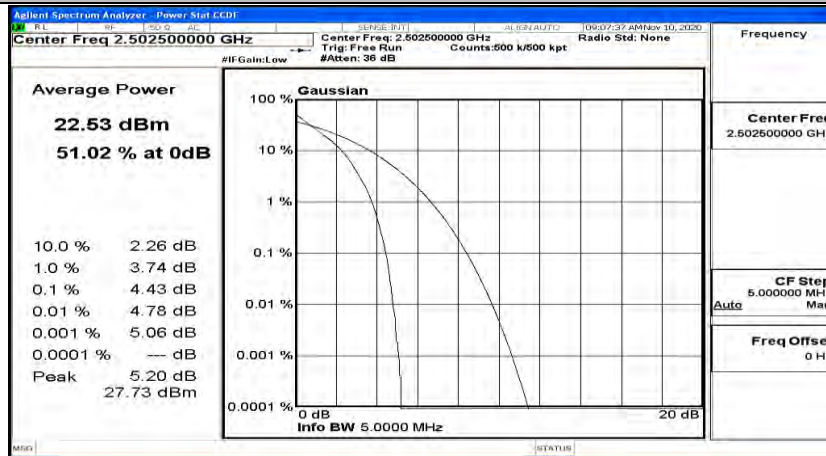
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.85	<13	PASS
	MCH	4.98	<13	PASS
	HCH	4.97	<13	PASS
16QAM	LCH	5.88	<13	PASS
	MCH	5.94	<13	PASS
	HCH	5.78	<13	PASS

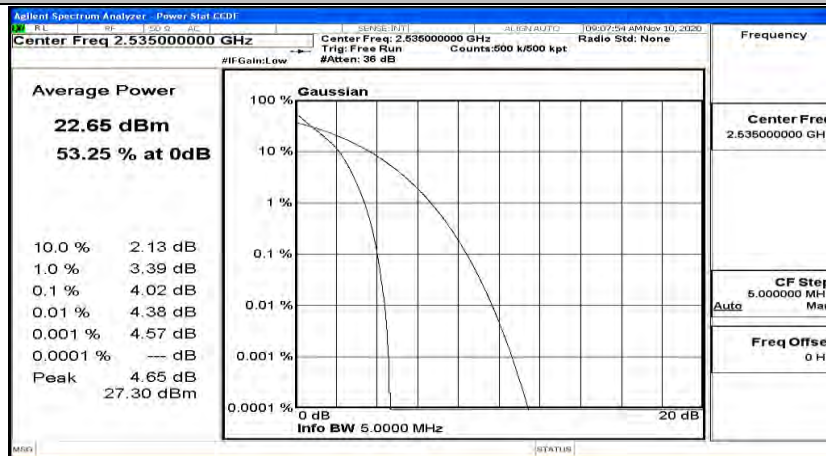
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.92	<13	PASS
	MCH	5.83	<13	PASS
	HCH	5.79	<13	PASS
16QAM	LCH	6.56	<13	PASS
	MCH	6.55	<13	PASS
	HCH	6.49	<13	PASS

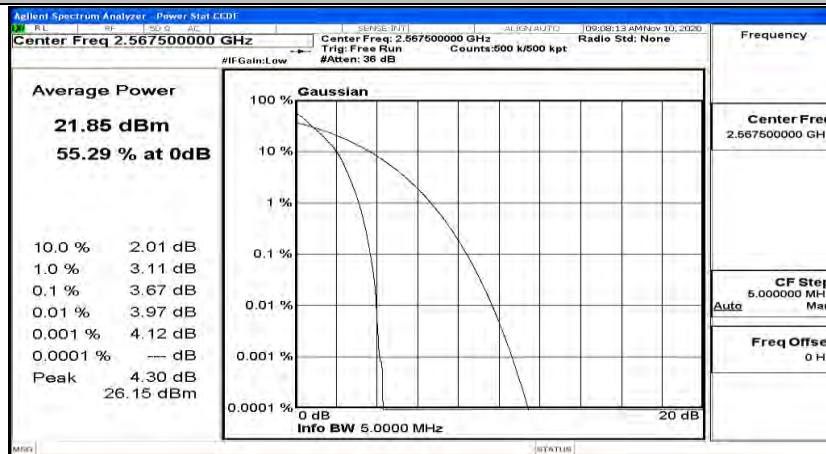
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



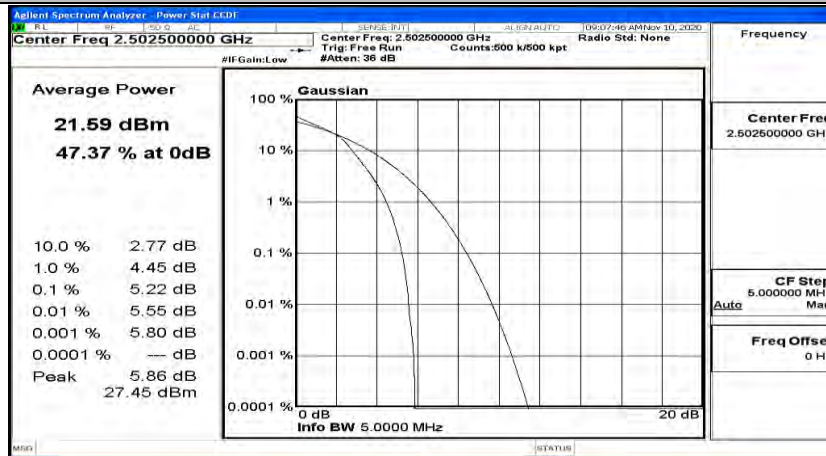
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



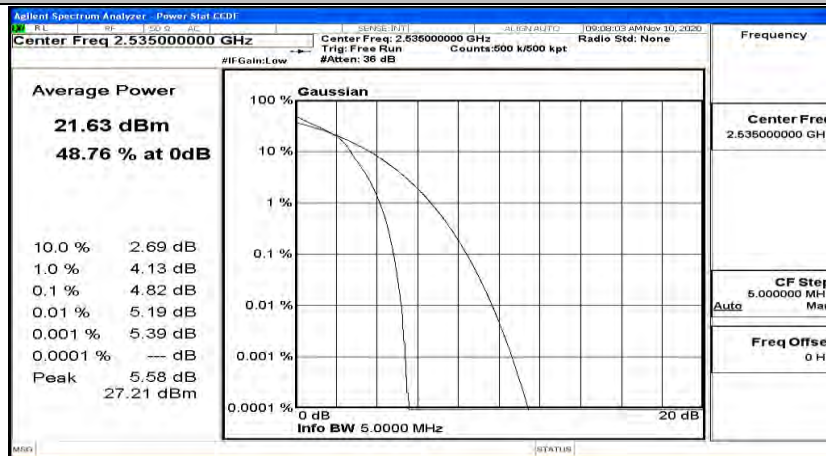
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



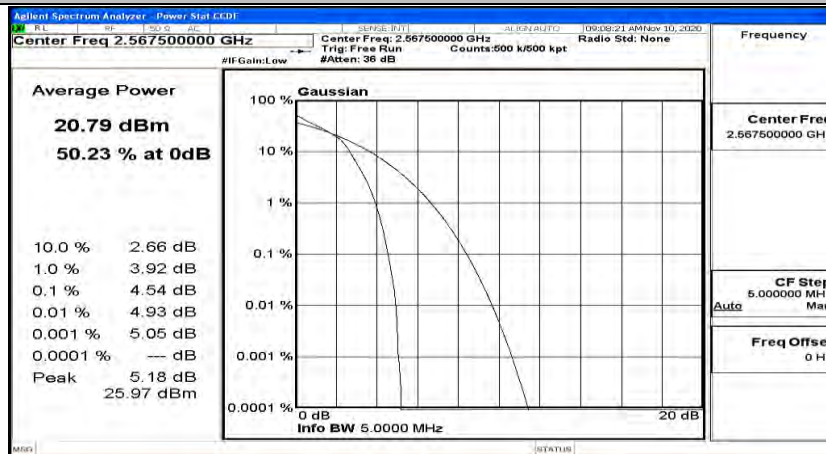
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



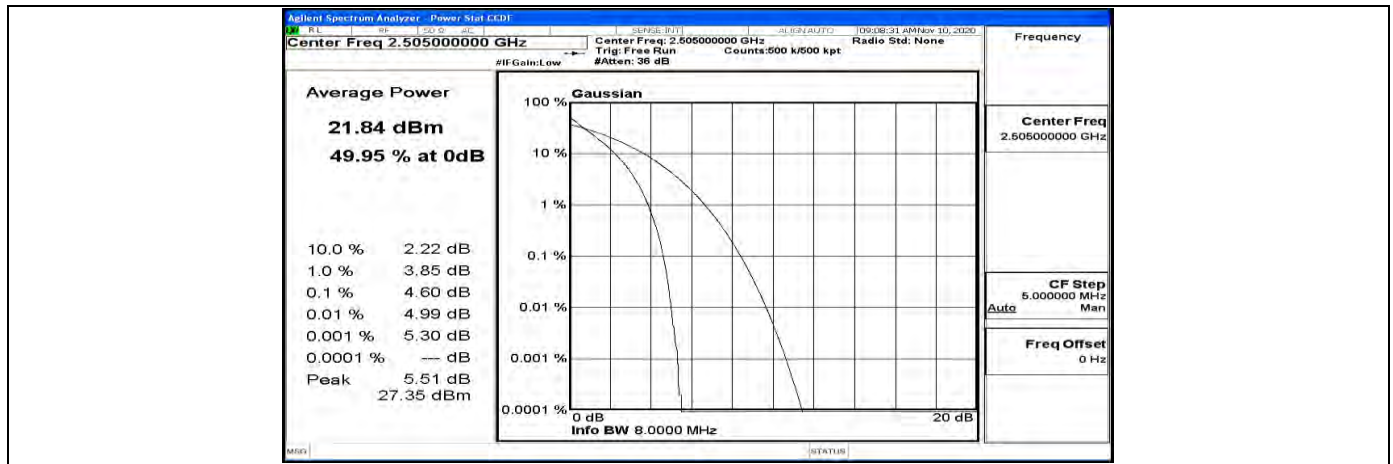
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



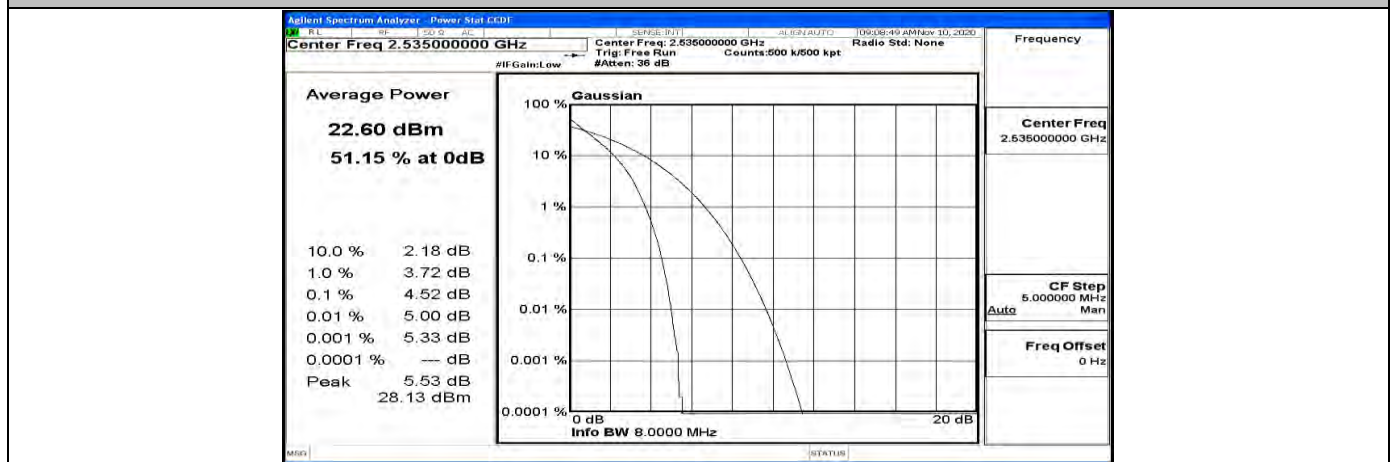
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



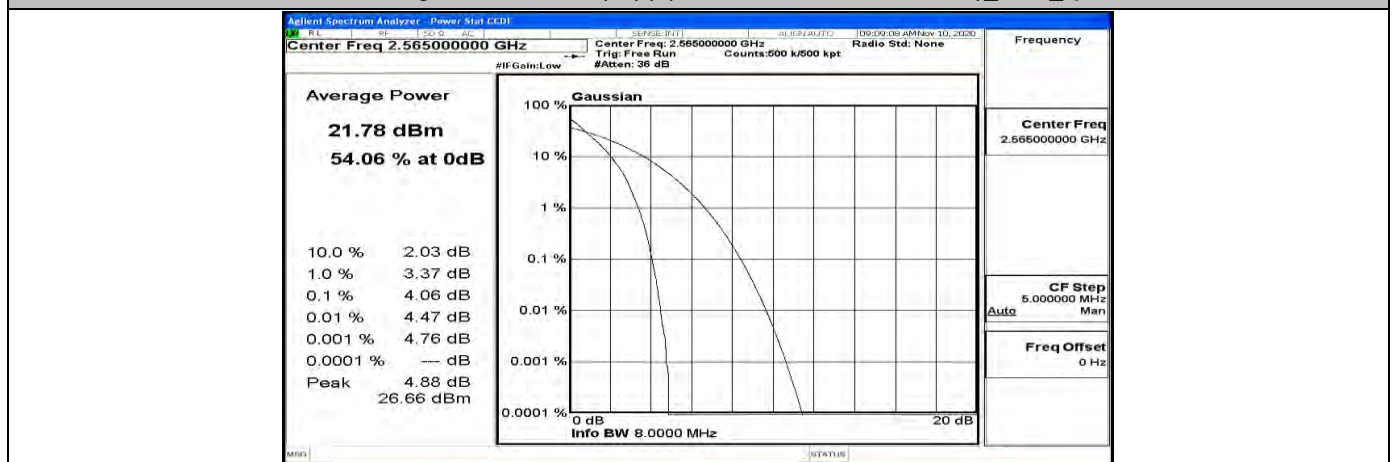
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



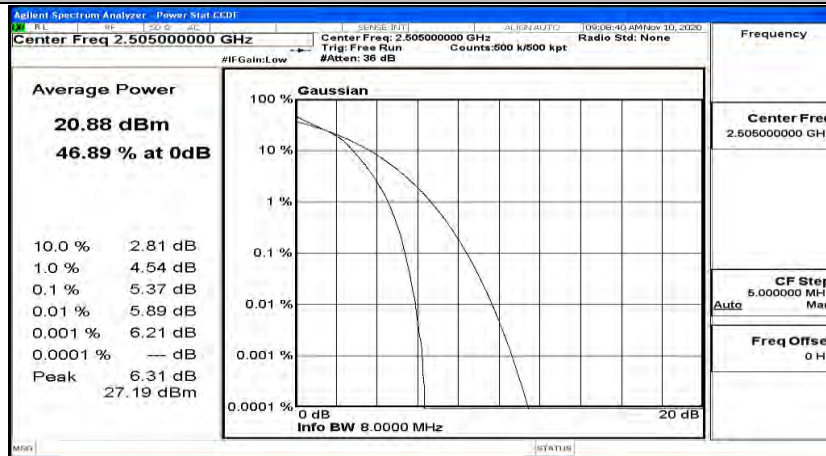
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



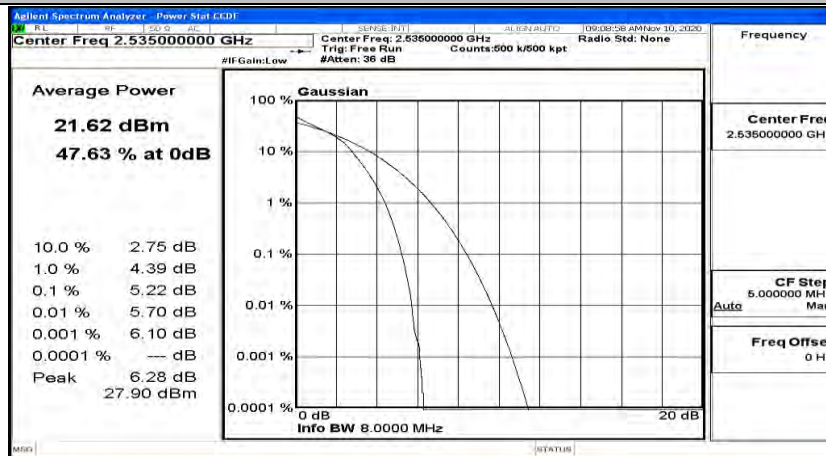
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



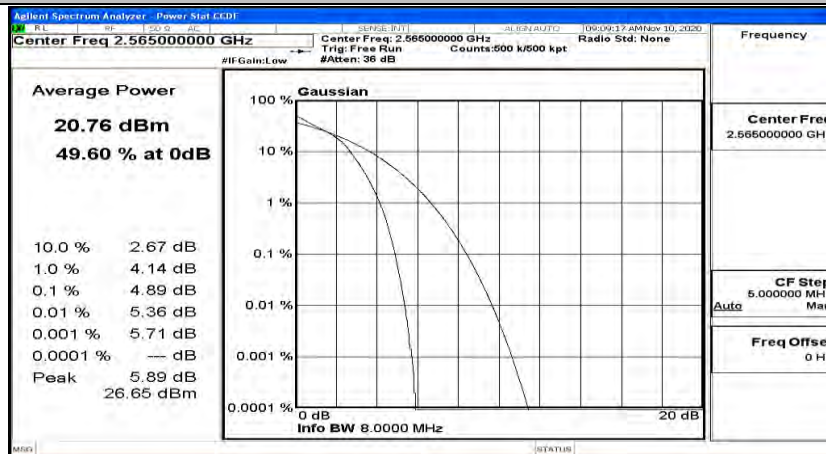
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



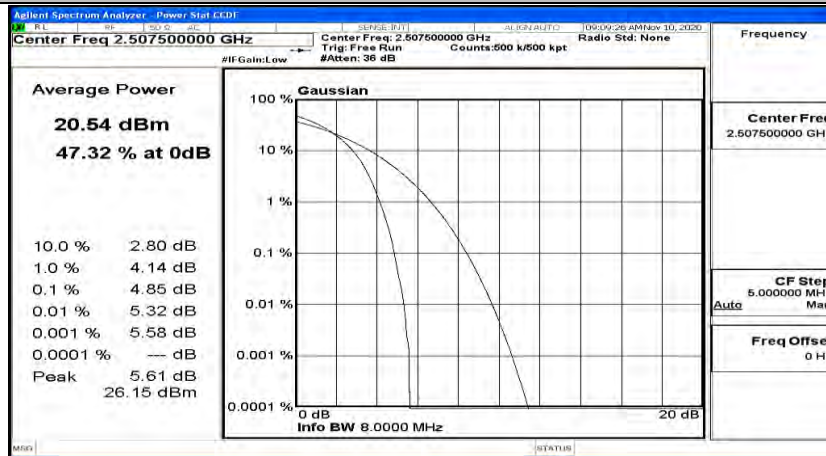
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



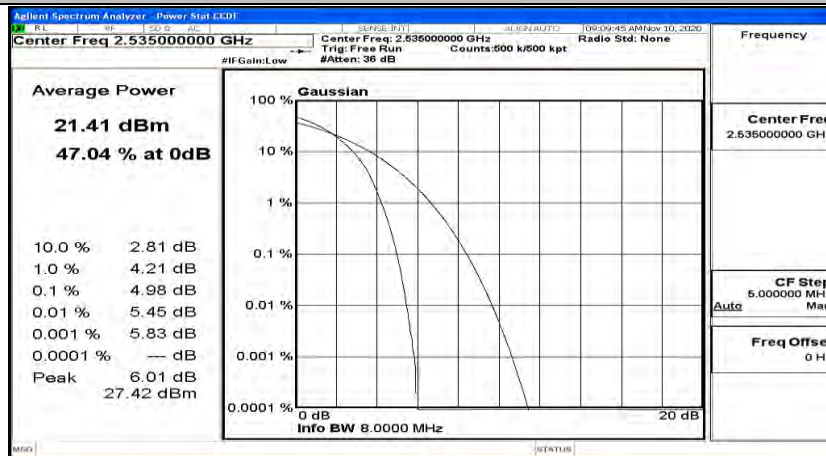
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



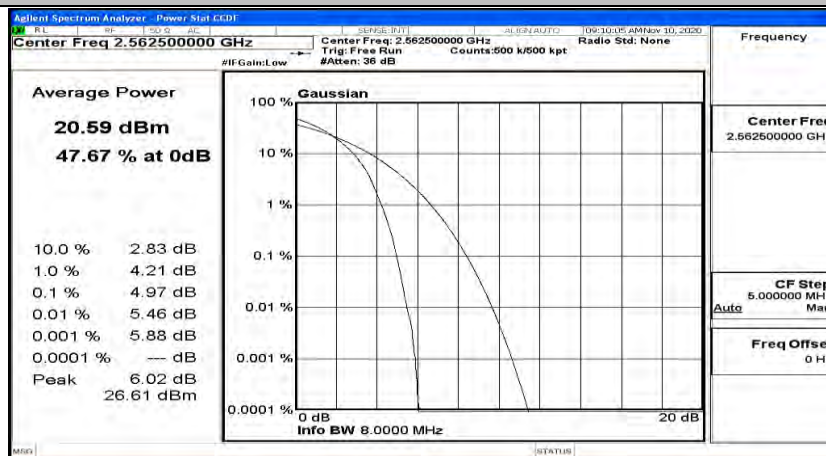
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



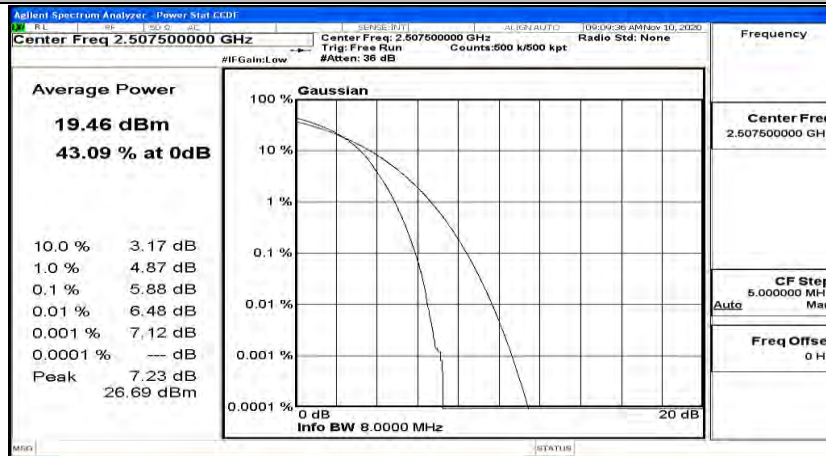
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



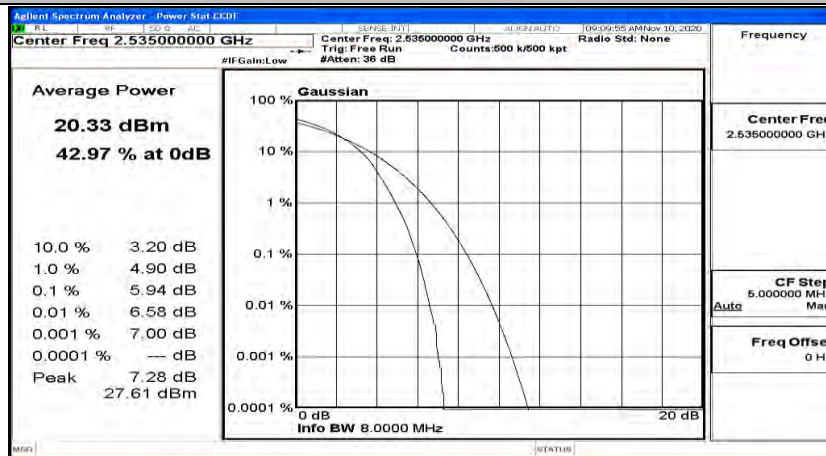
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



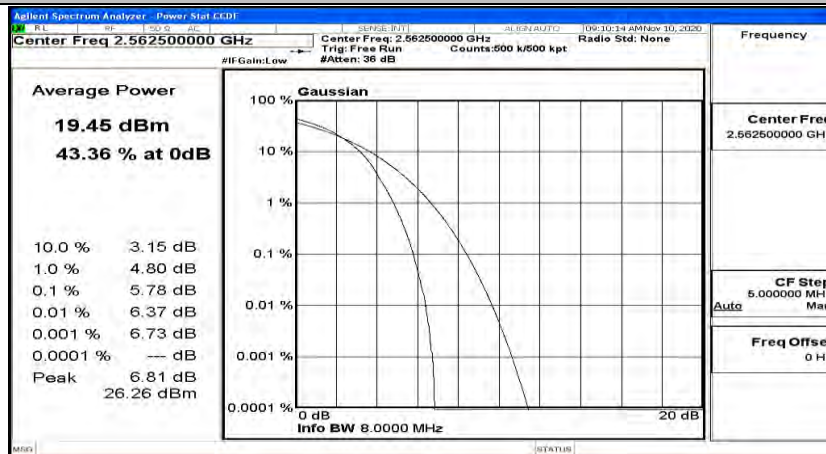
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



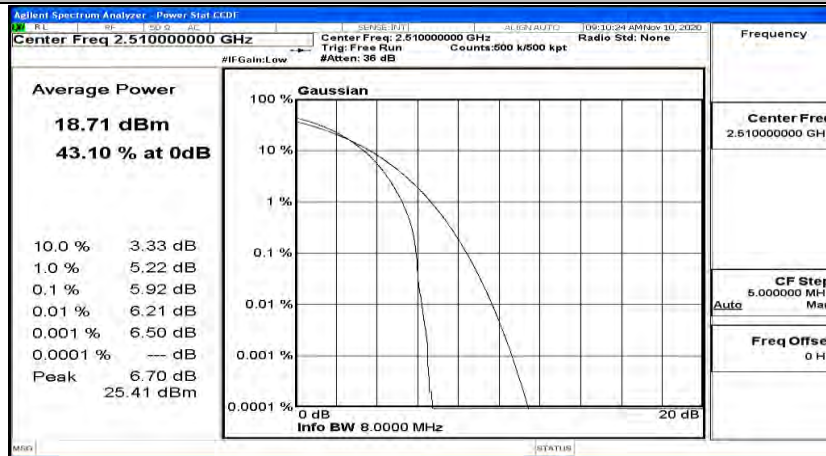
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



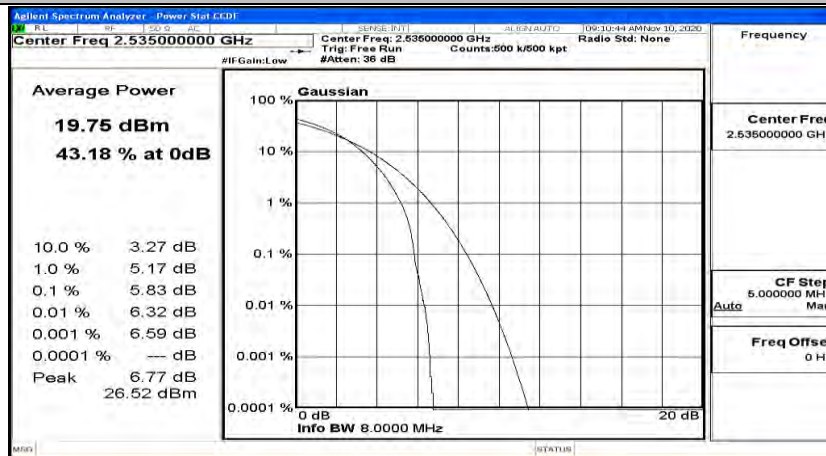
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



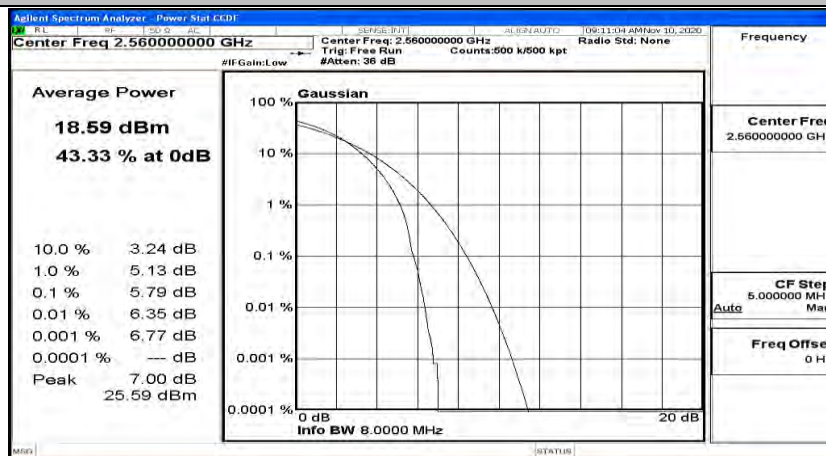
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



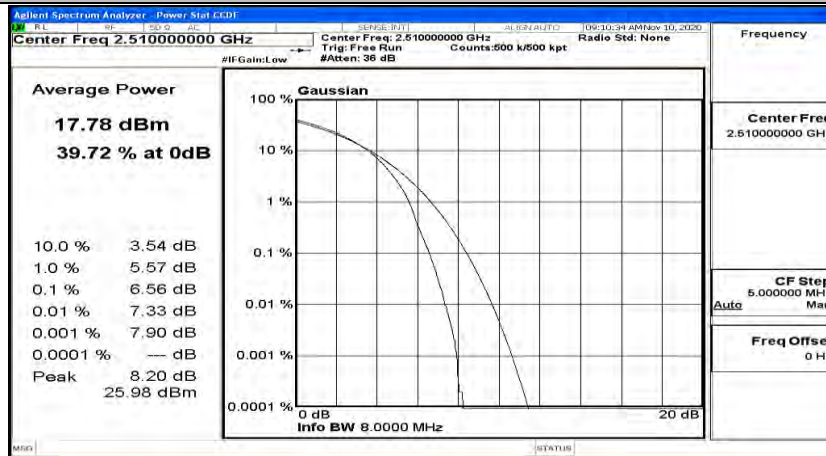
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



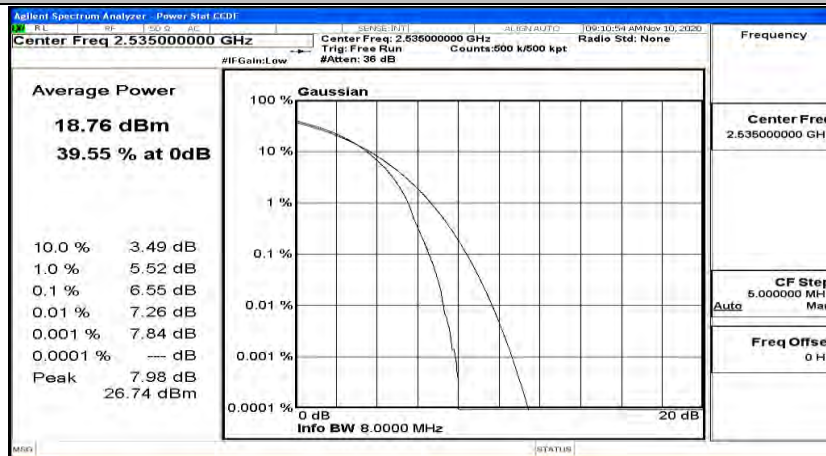
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



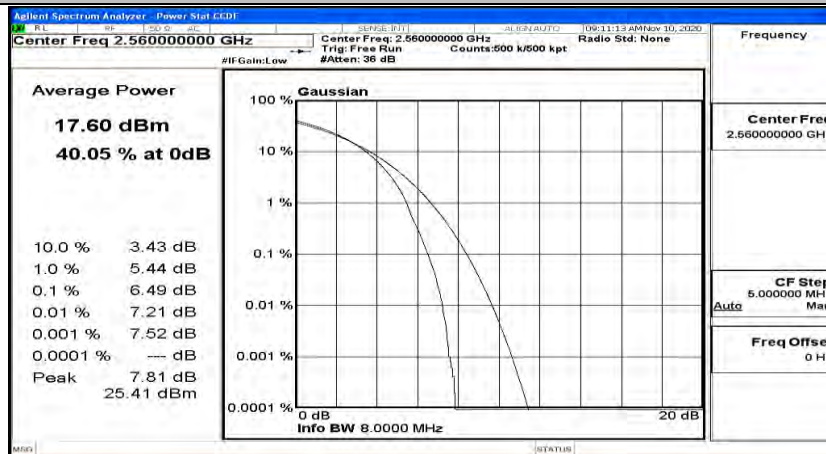
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



G.3 26dB Bandwidth and Occupied Bandwidth

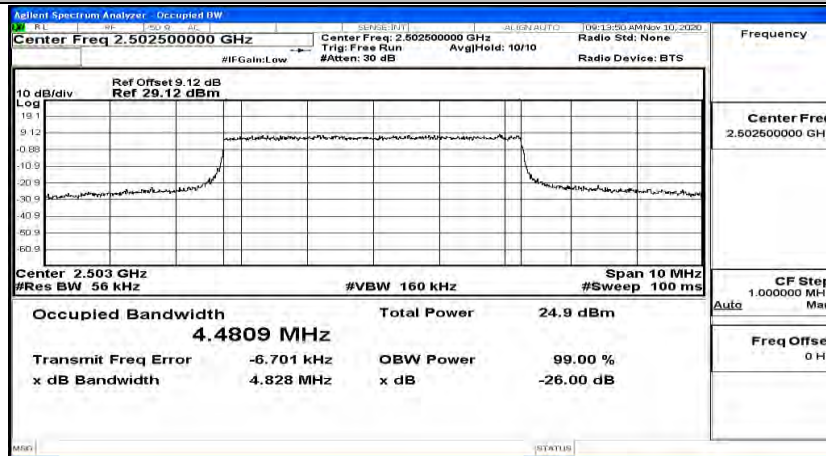
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4809	4.828	PASS
	MCH	4.4861	5.442	PASS
	HCH	4.4924	5.726	PASS
16QAM	LCH	4.4756	4.887	PASS
	MCH	4.4913	4.939	PASS
	HCH	4.4905	4.858	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9307	9.598	PASS
	MCH	8.9632	10.13	PASS
	HCH	8.9720	11.67	PASS
16QAM	LCH	8.9290	9.521	PASS
	MCH	8.9638	9.694	PASS
	HCH	8.9360	9.797	PASS

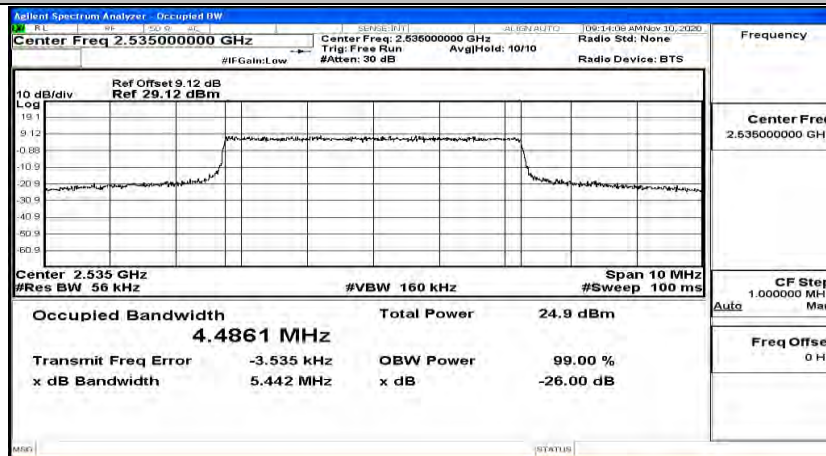
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.405	15.56	PASS
	MCH	13.449	18.97	PASS
	HCH	13.509	28.63	PASS
16QAM	LCH	13.385	14.09	PASS
	MCH	13.430	14.50	PASS
	HCH	13.452	21.26	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.865	18.68	PASS
	MCH	17.874	18.98	PASS
	HCH	17.942	23.26	PASS
16QAM	LCH	17.856	18.68	PASS
	MCH	17.866	18.85	PASS
	HCH	17.919	18.83	PASS

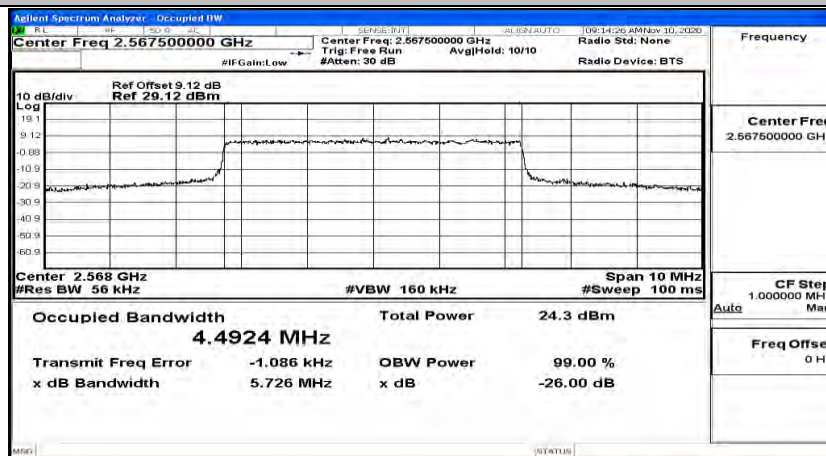
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



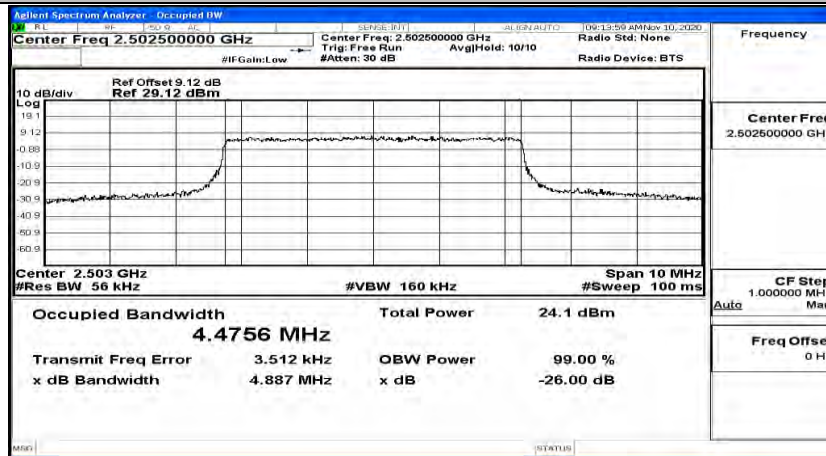
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



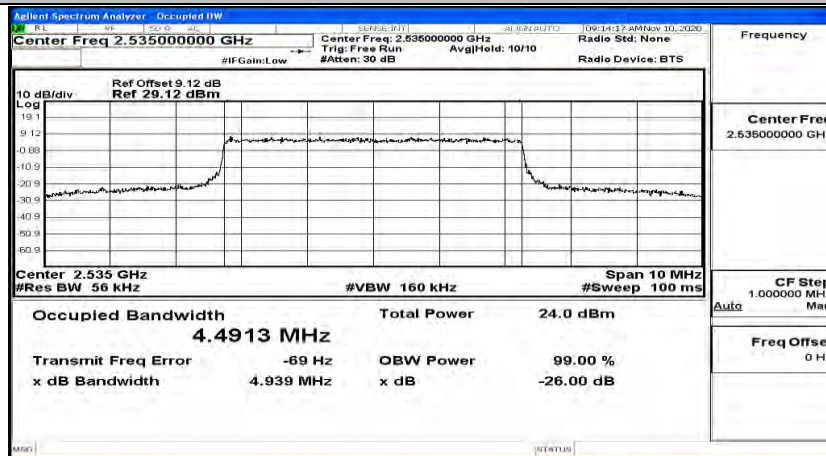
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



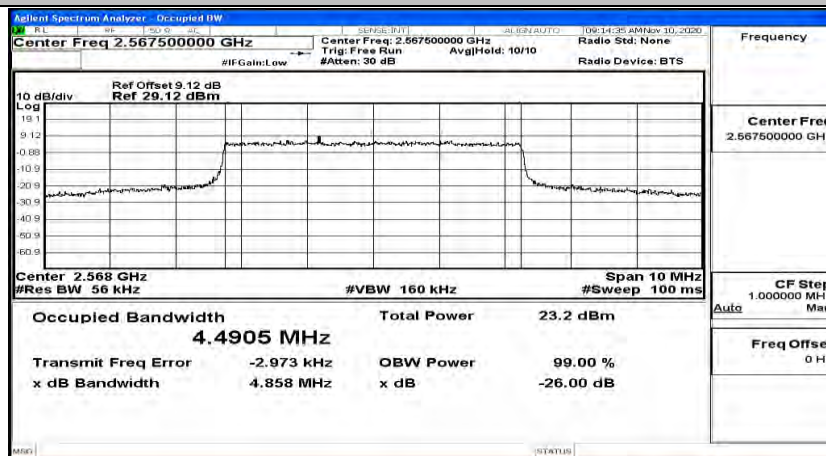
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



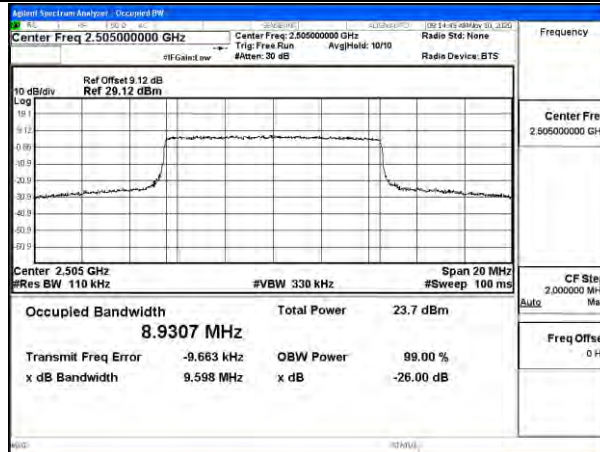
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



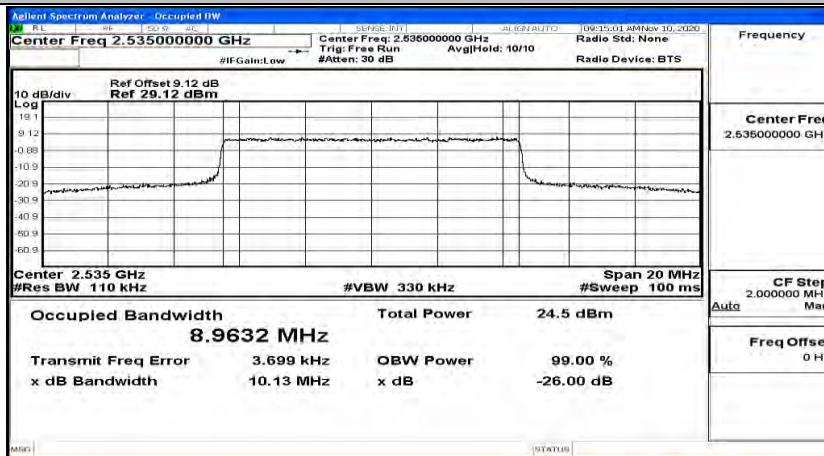
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



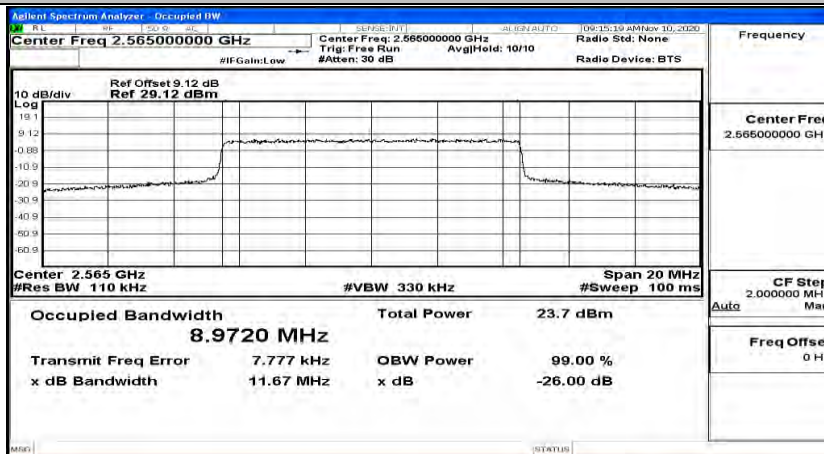
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



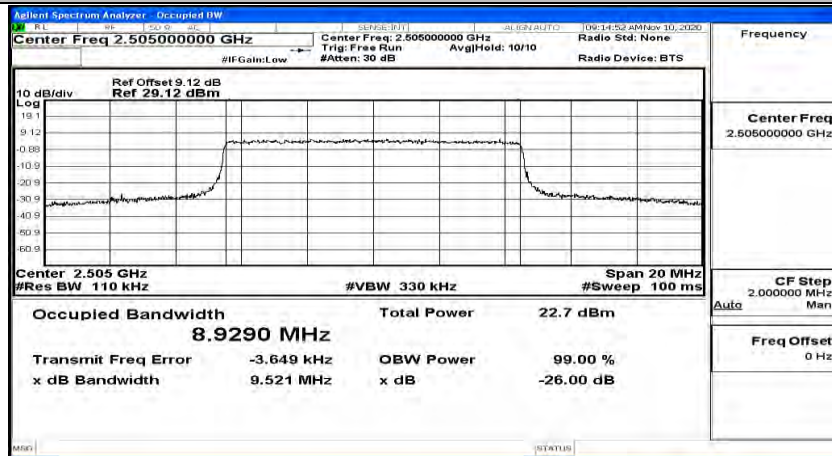
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



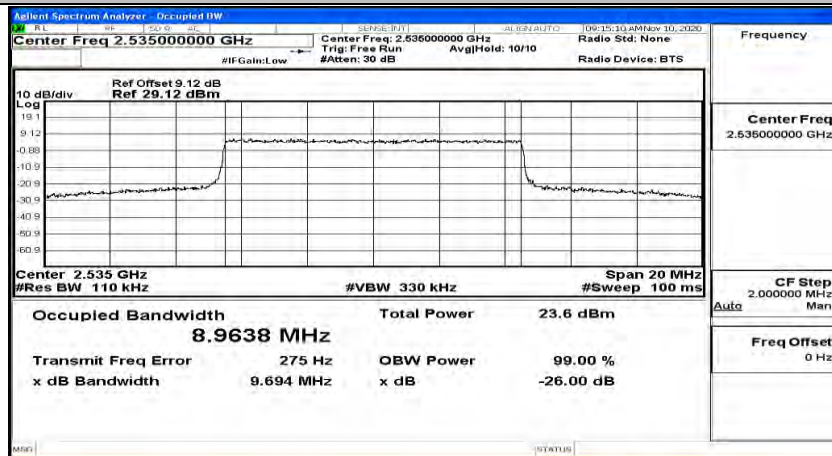
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



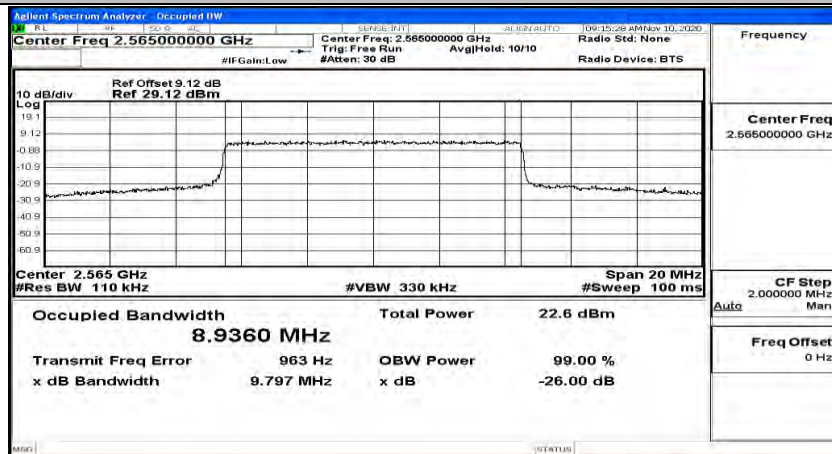
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



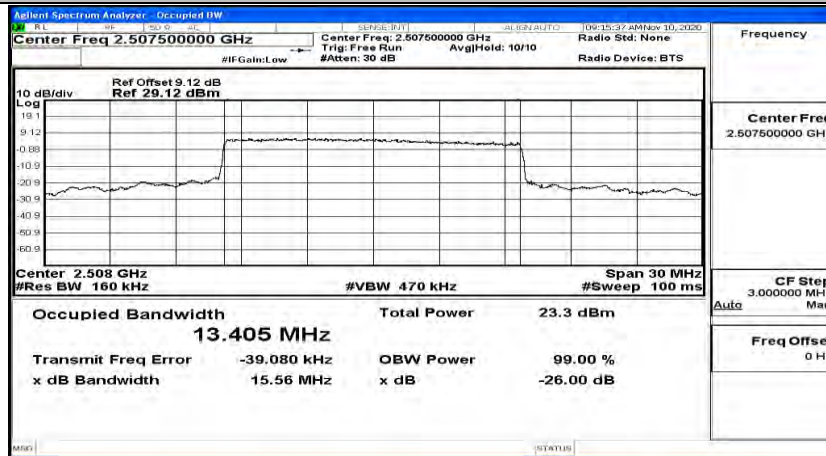
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



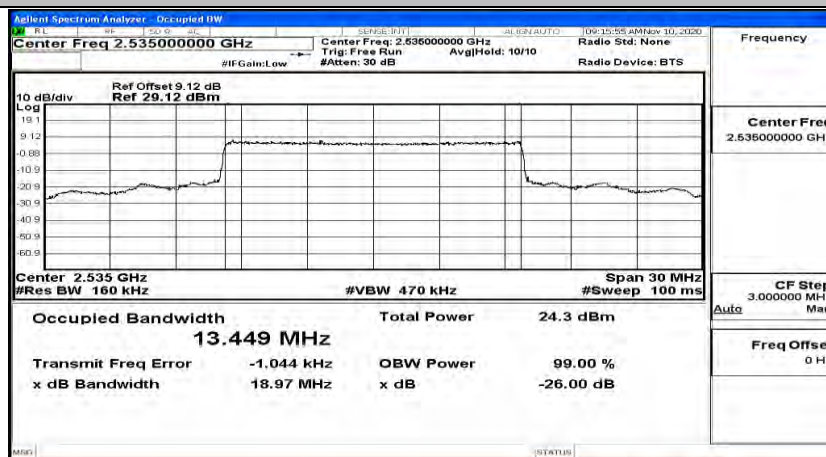
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



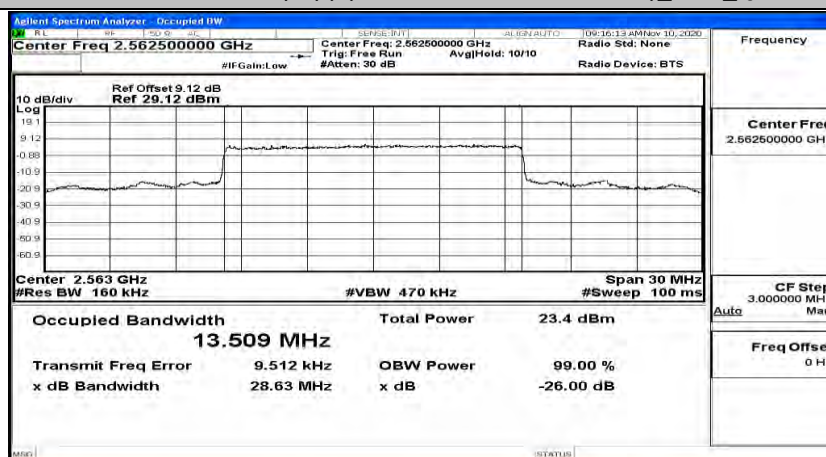
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



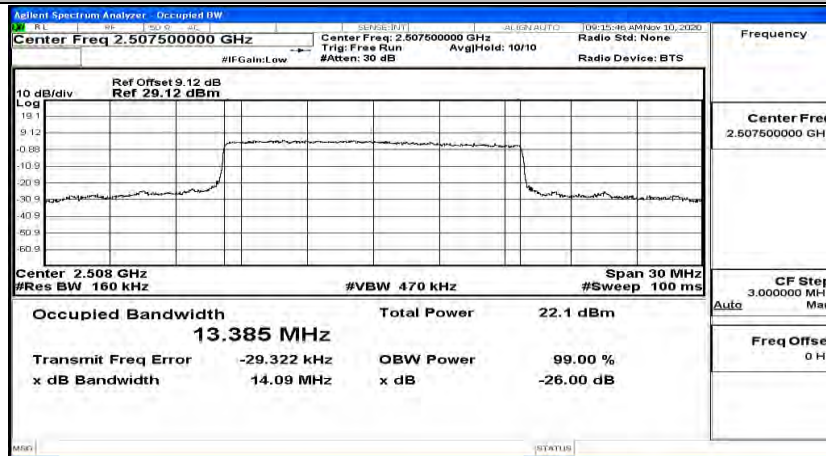
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



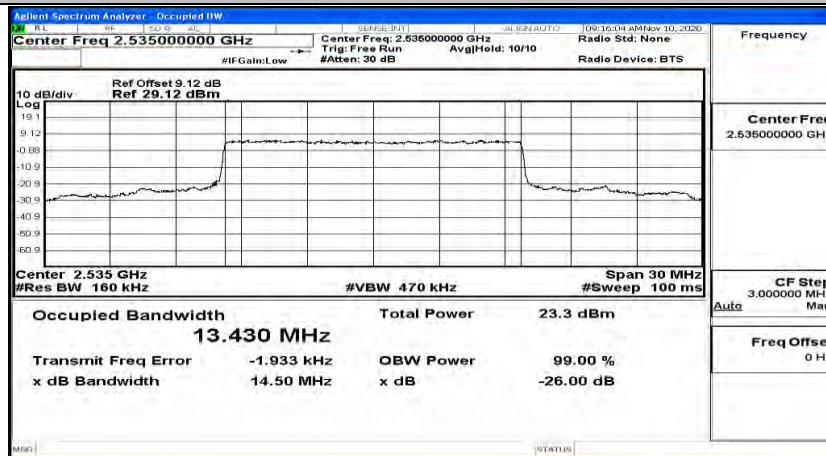
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



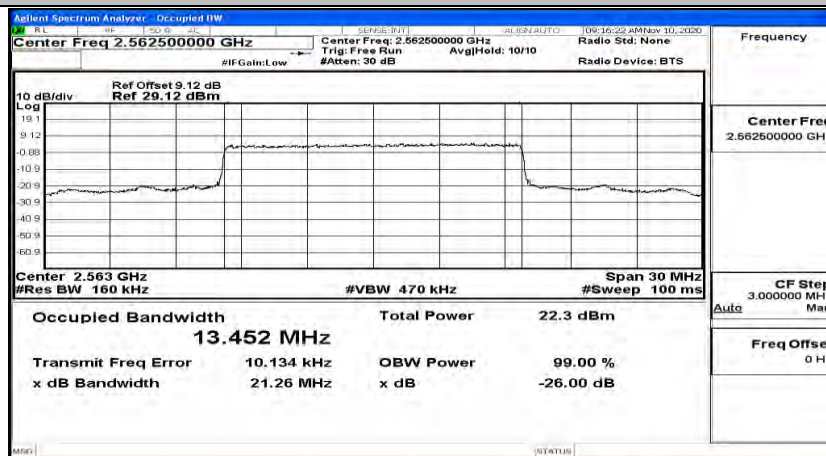
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



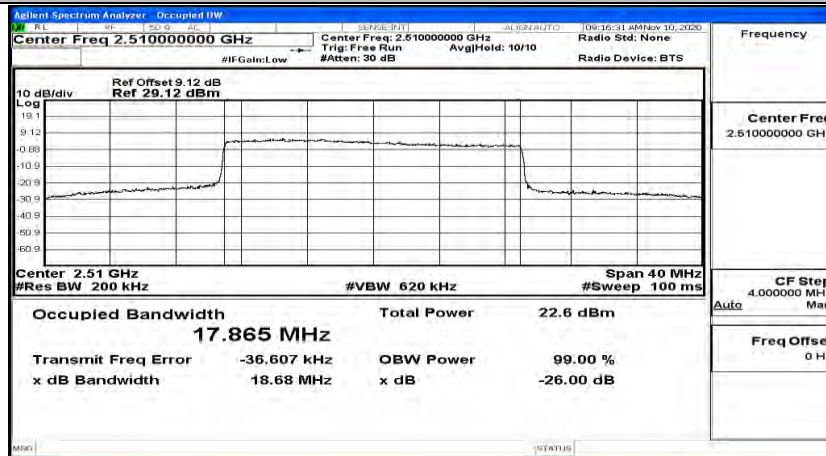
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



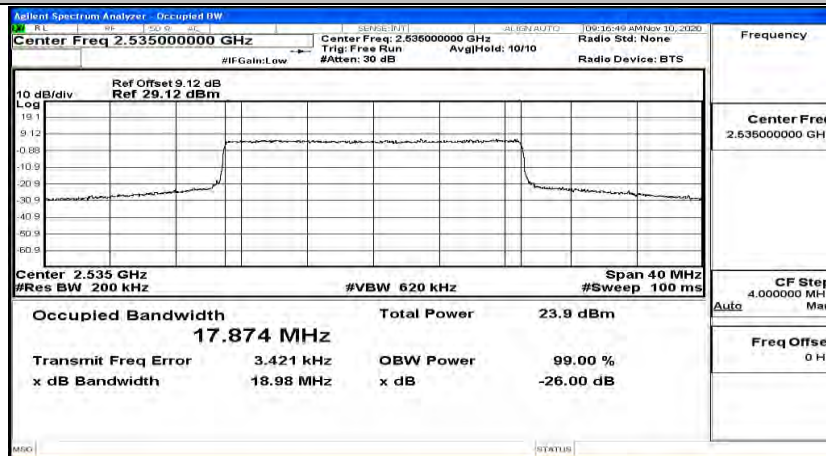
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



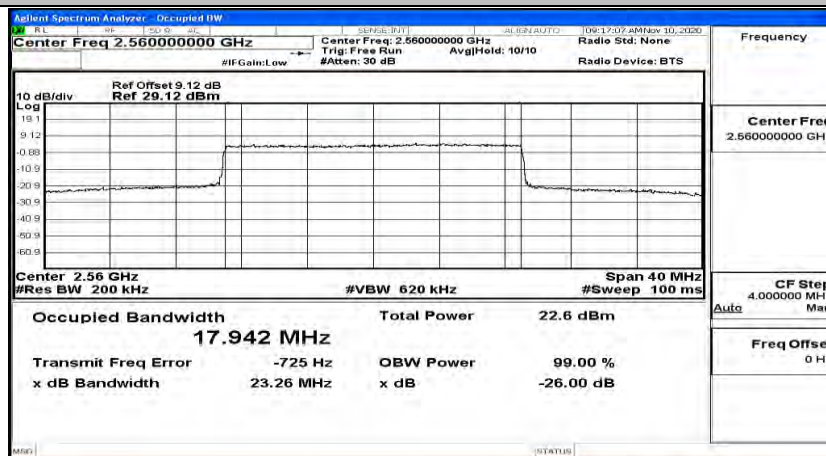
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



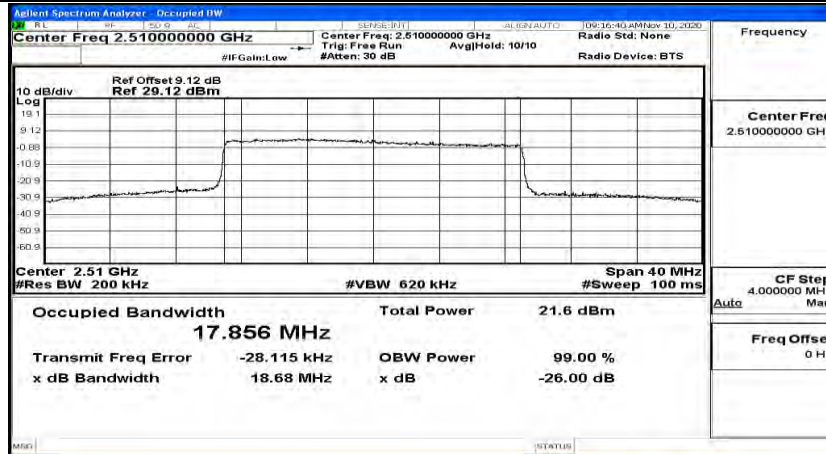
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



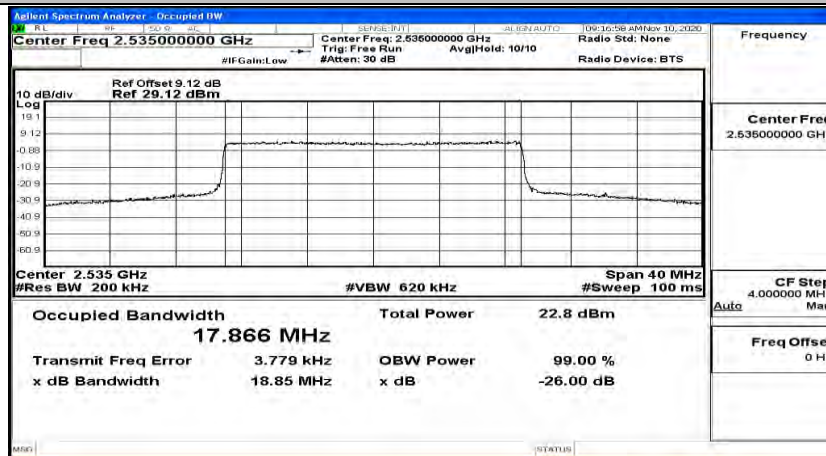
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



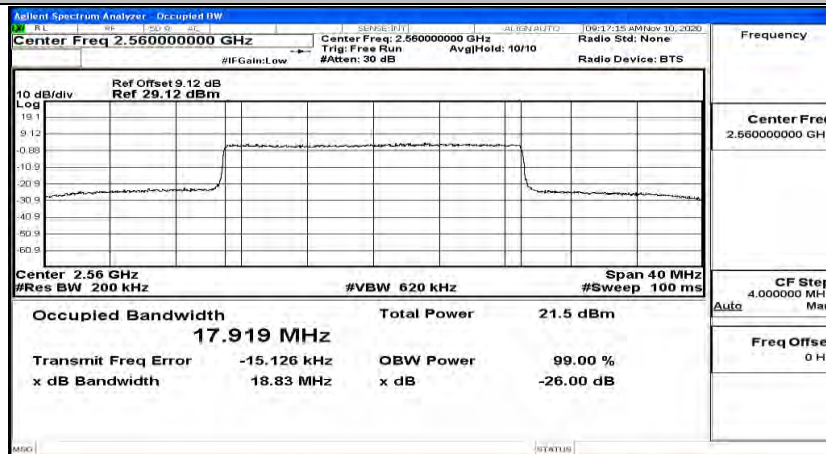
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

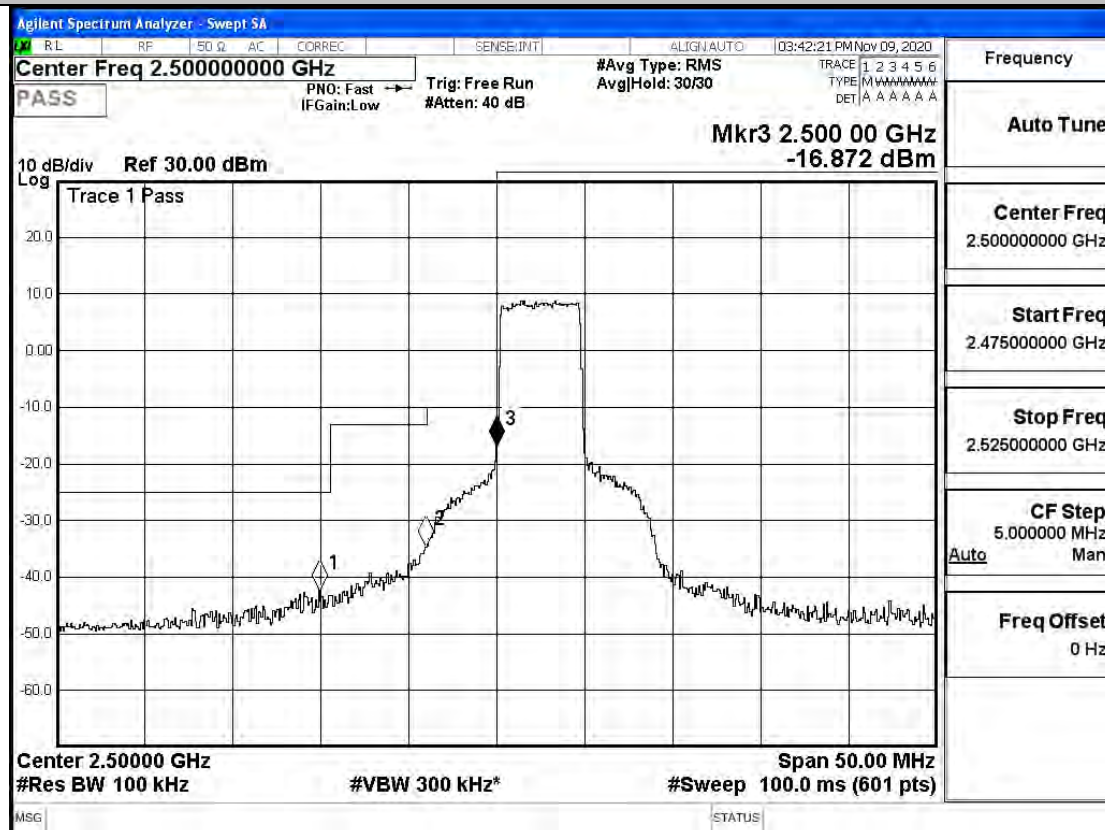


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

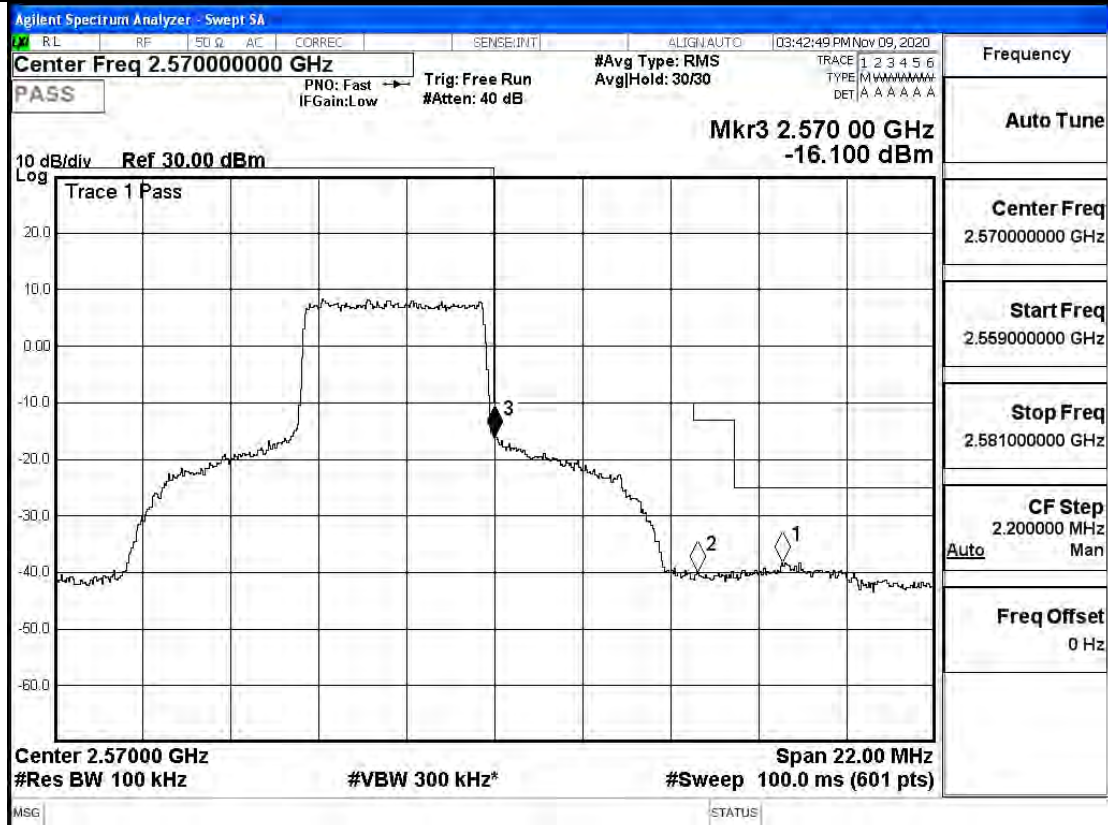


G.4 Band Edge

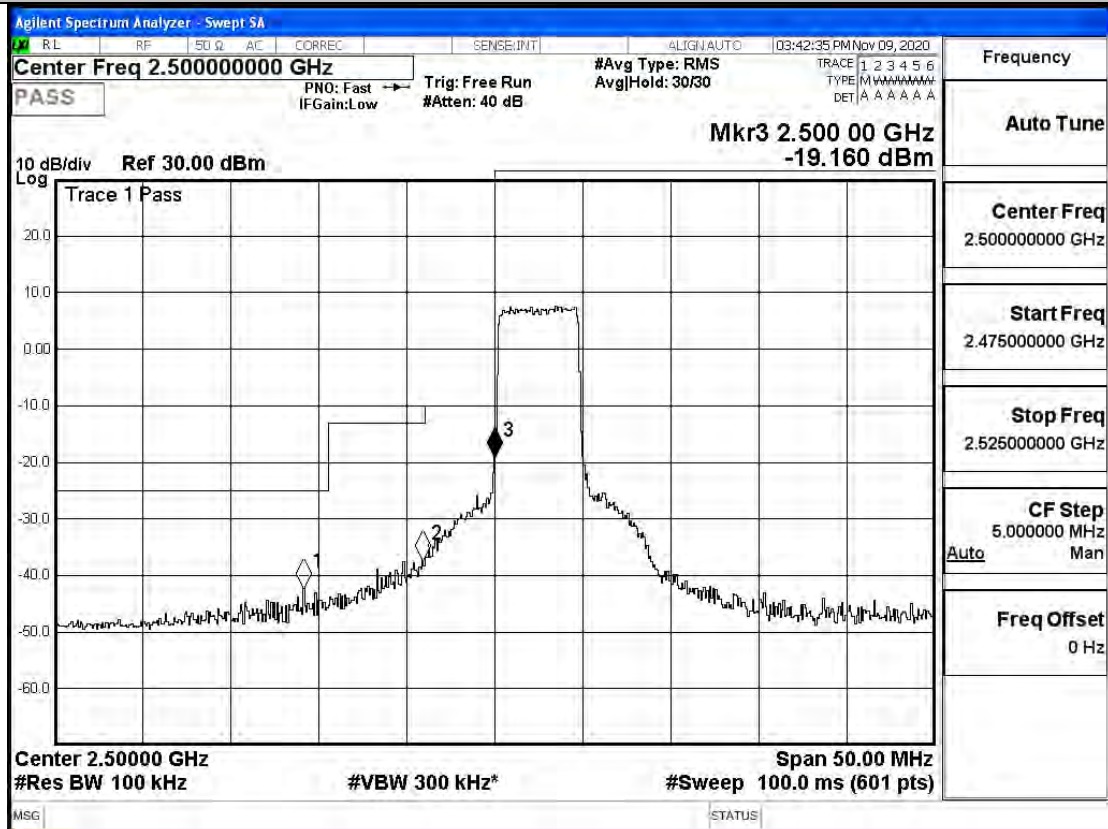
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



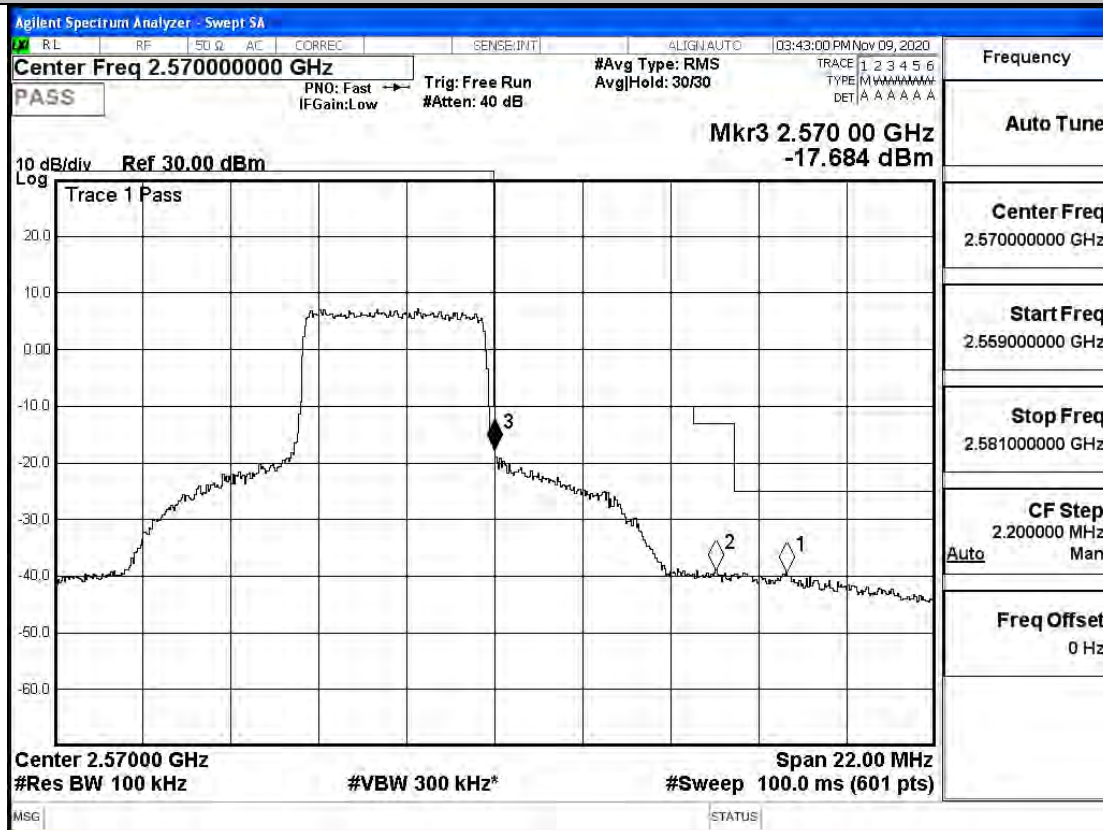
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



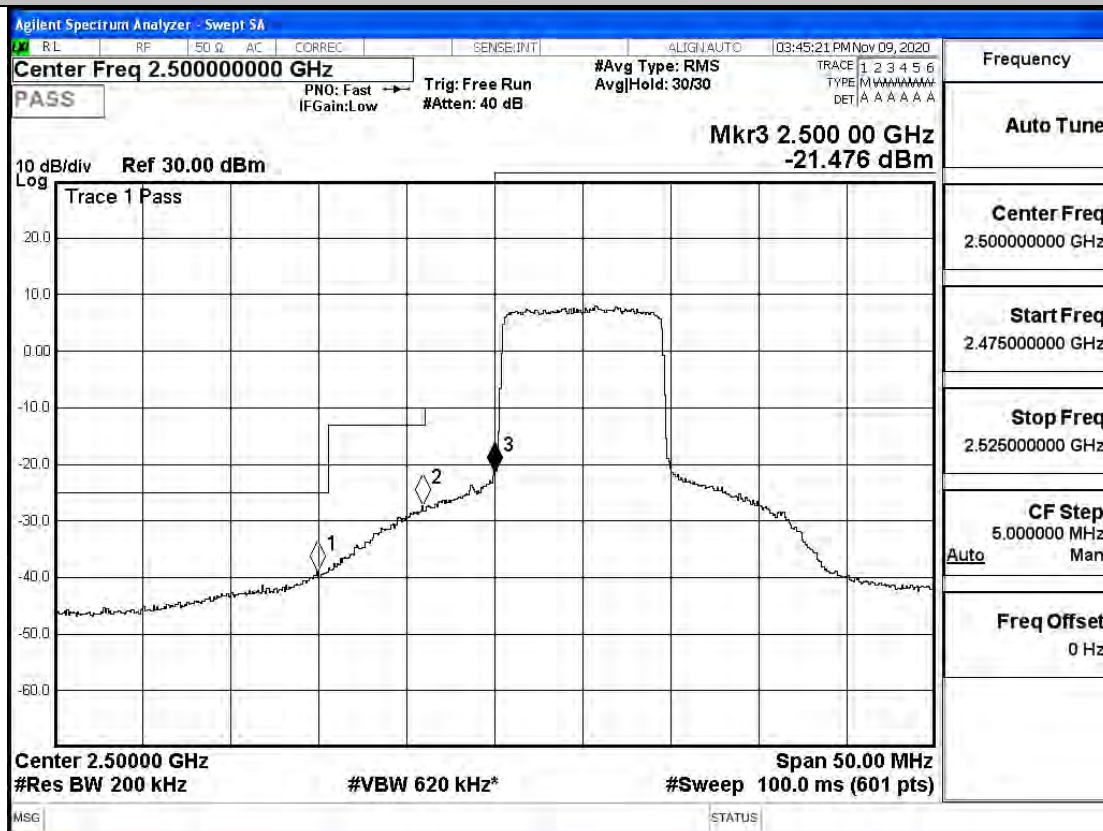
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



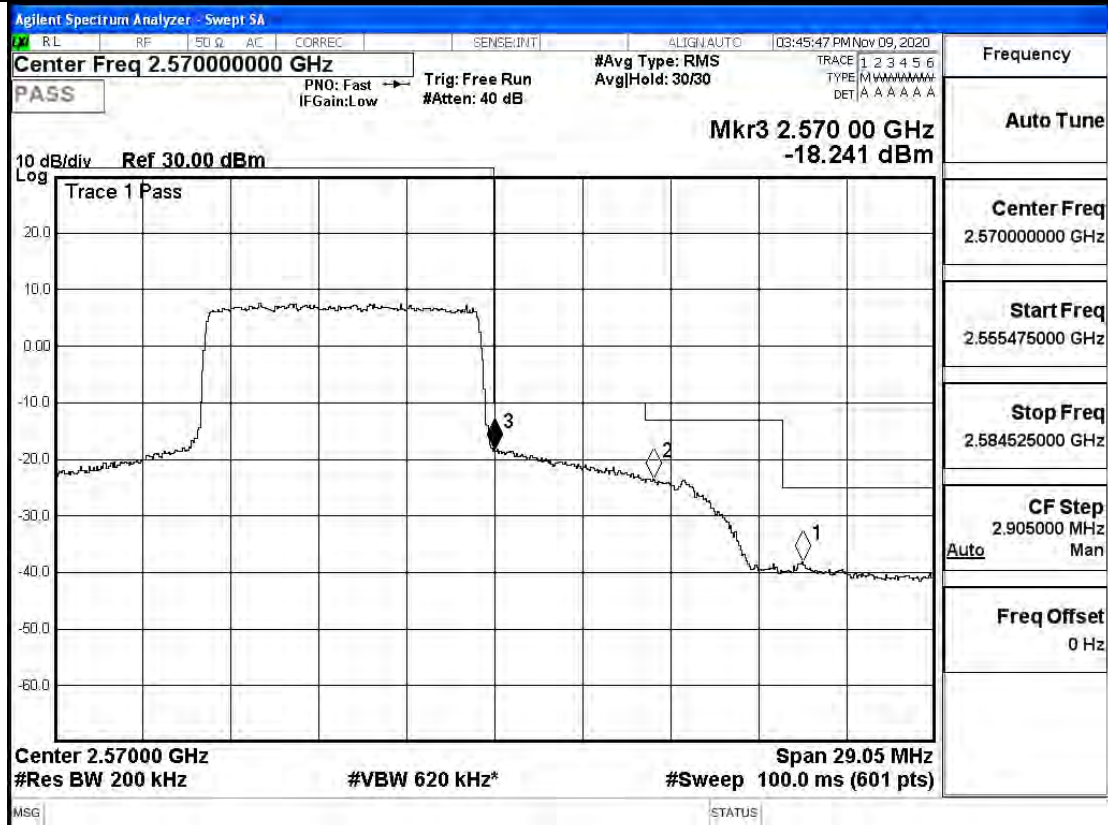
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



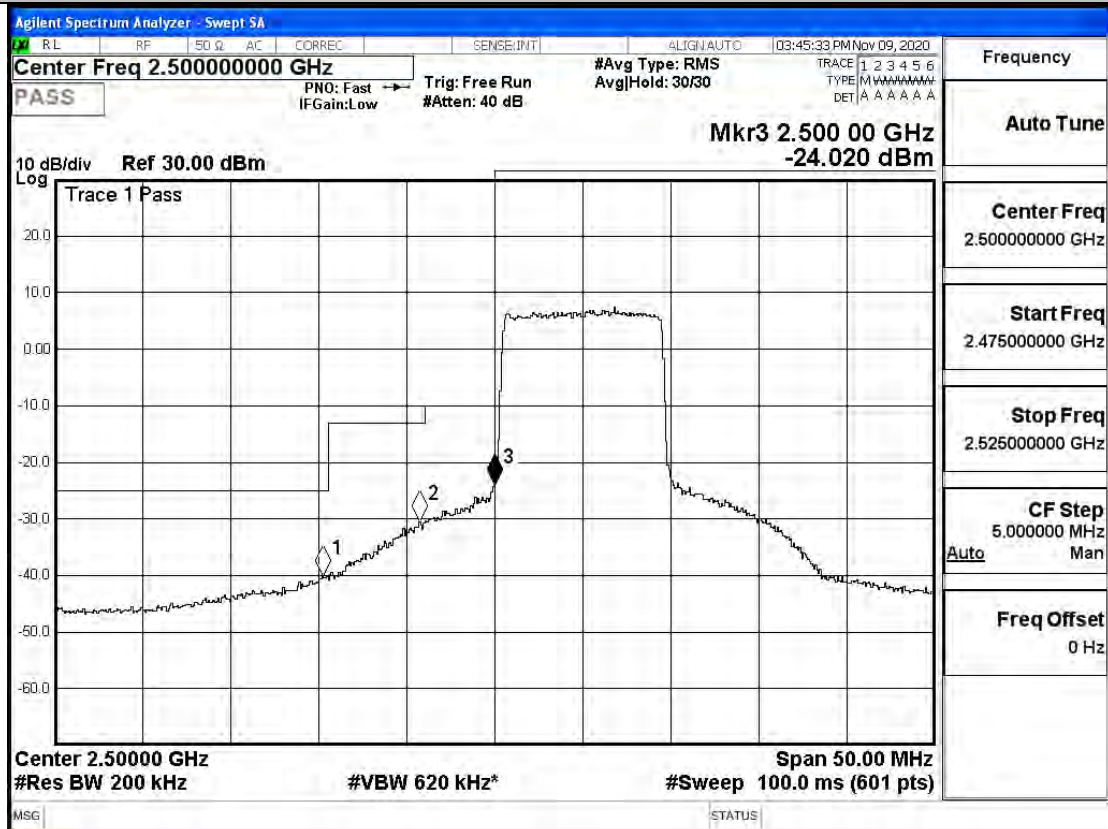
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



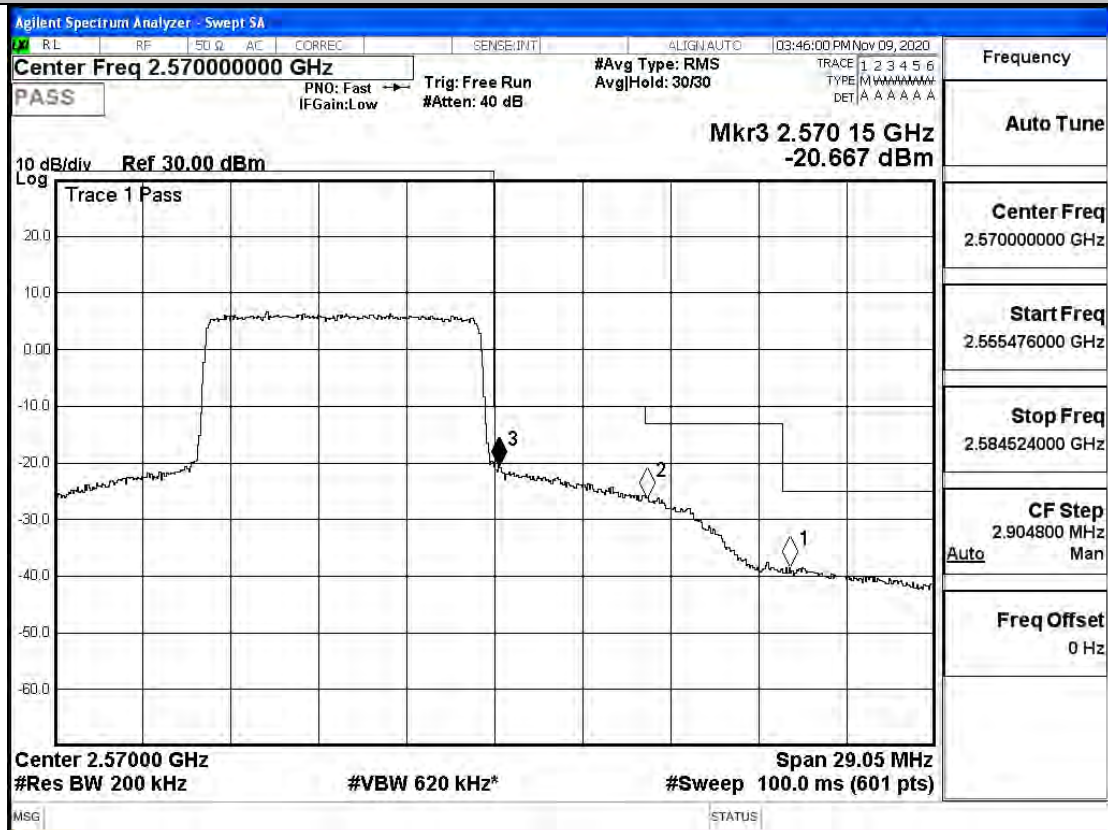
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



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



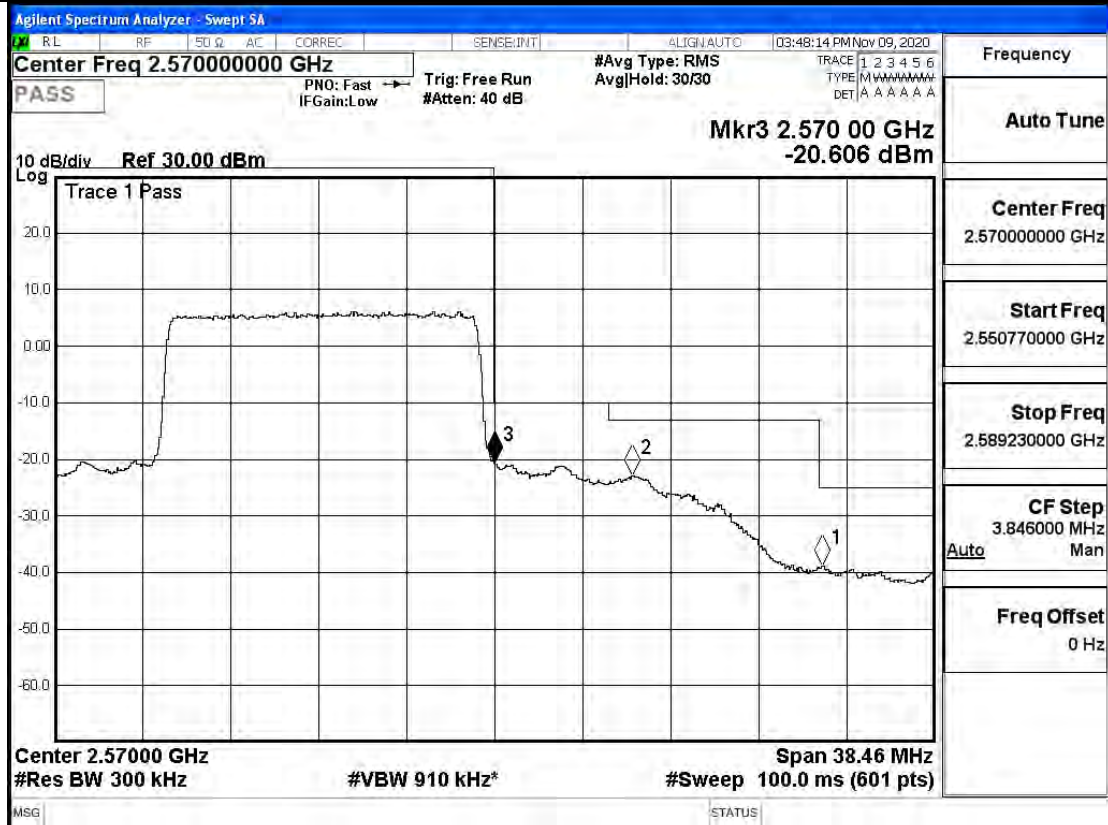
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



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



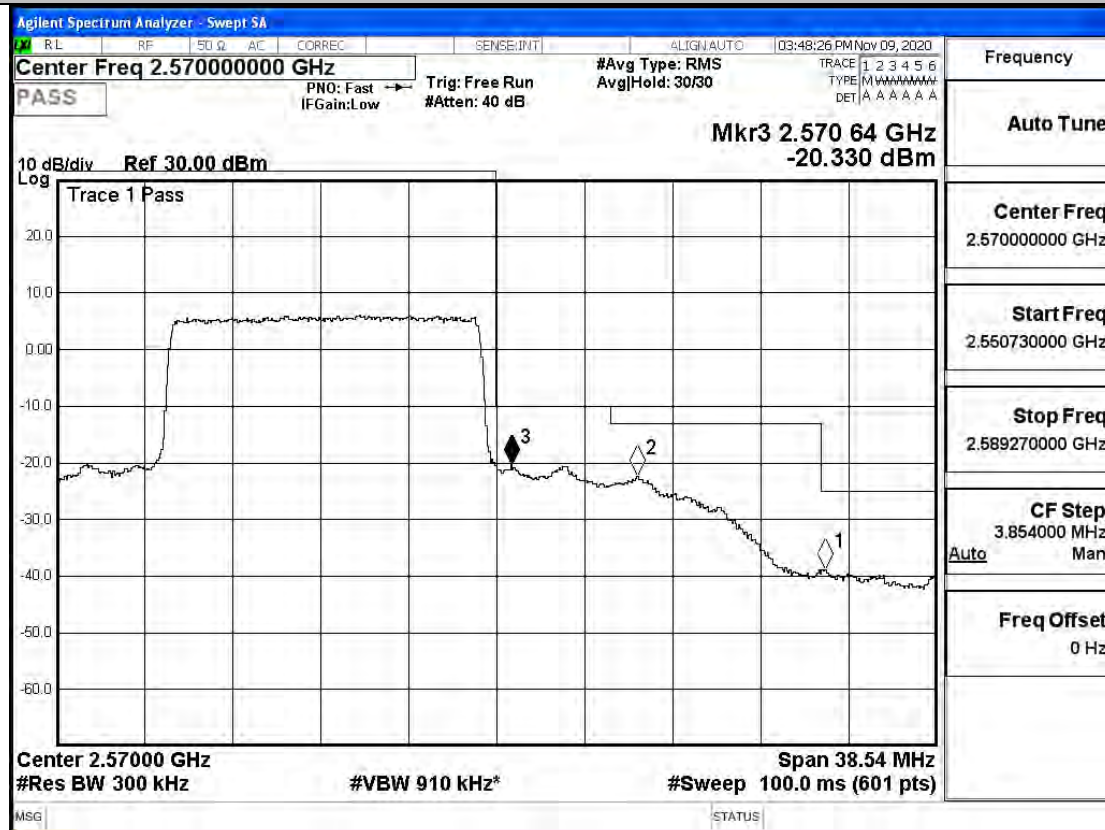
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



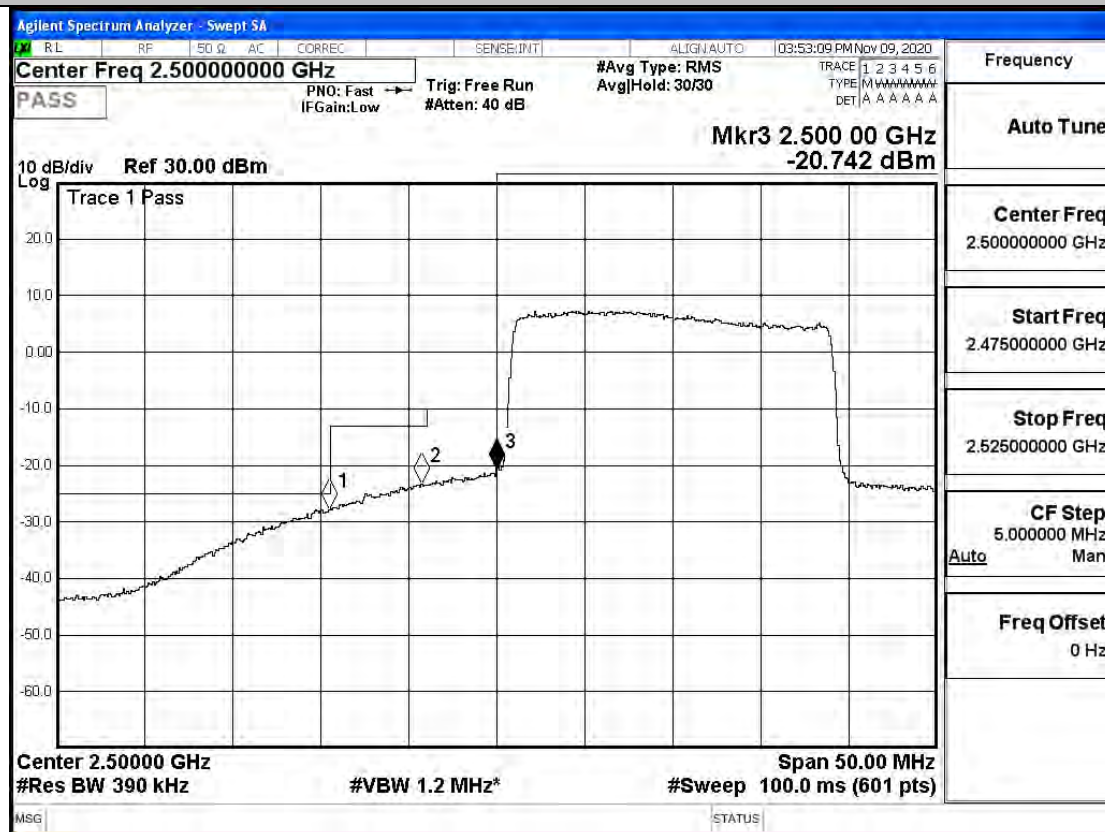
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



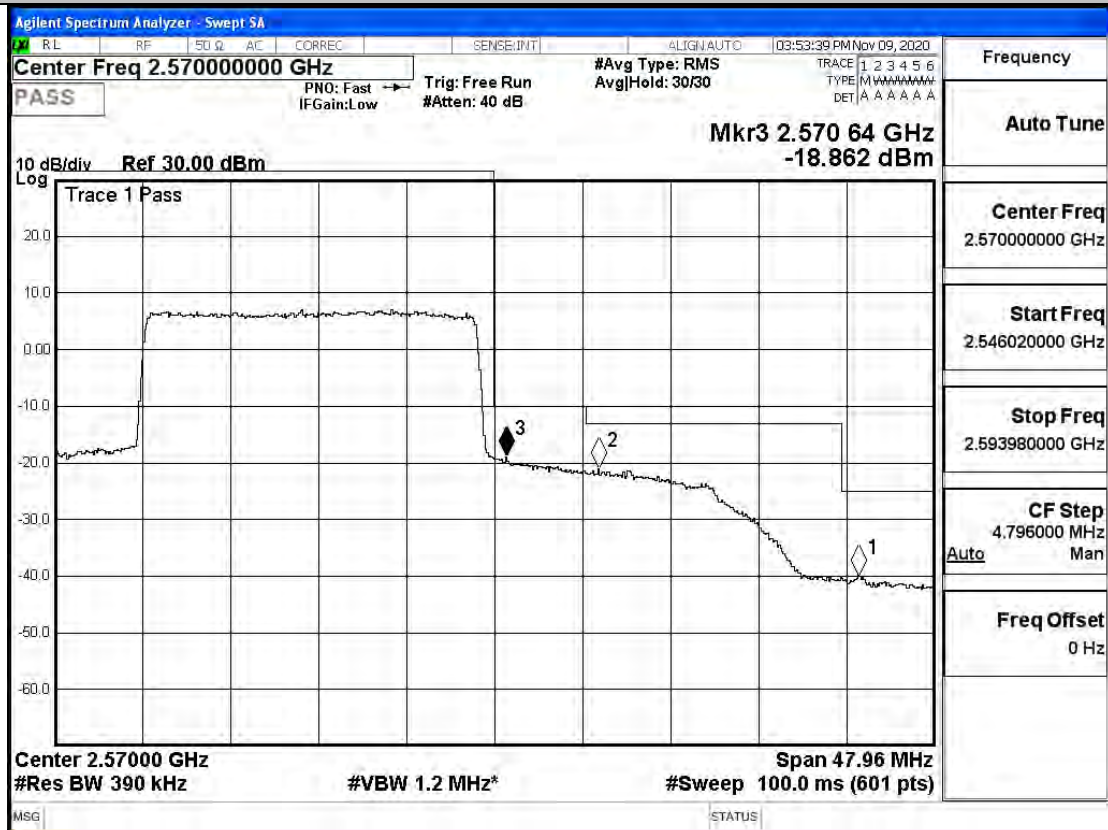
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



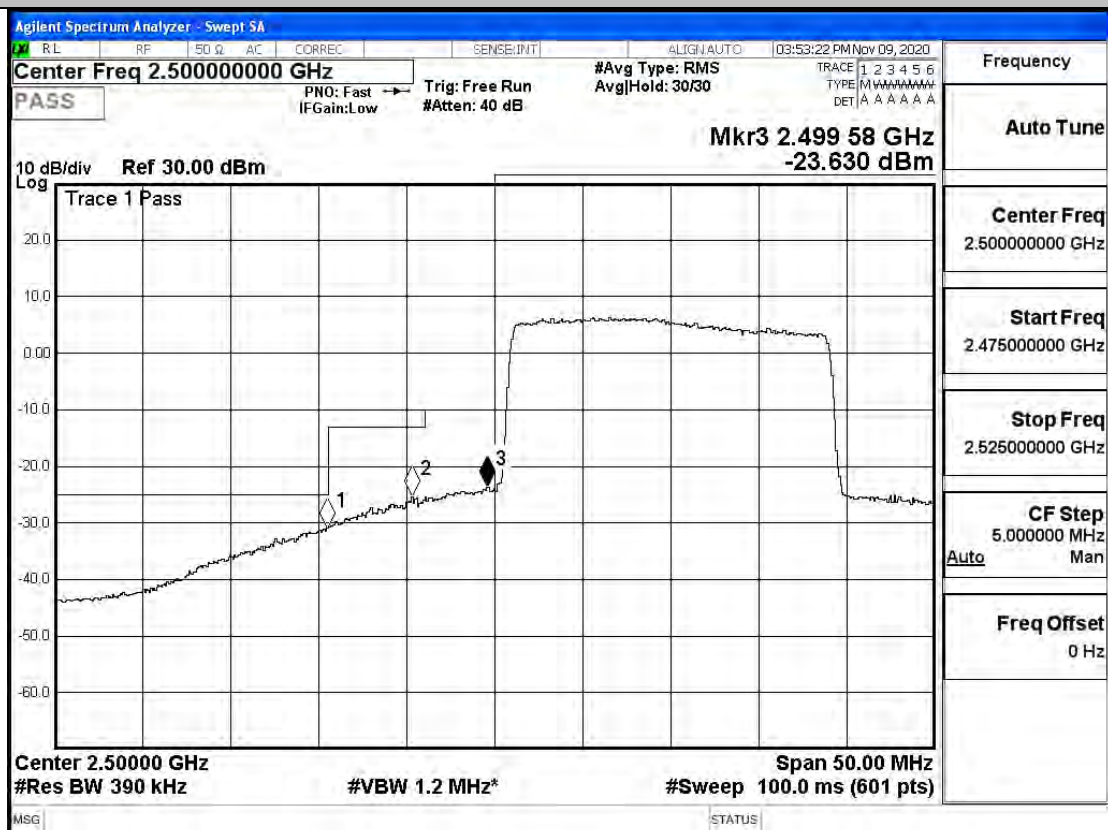
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



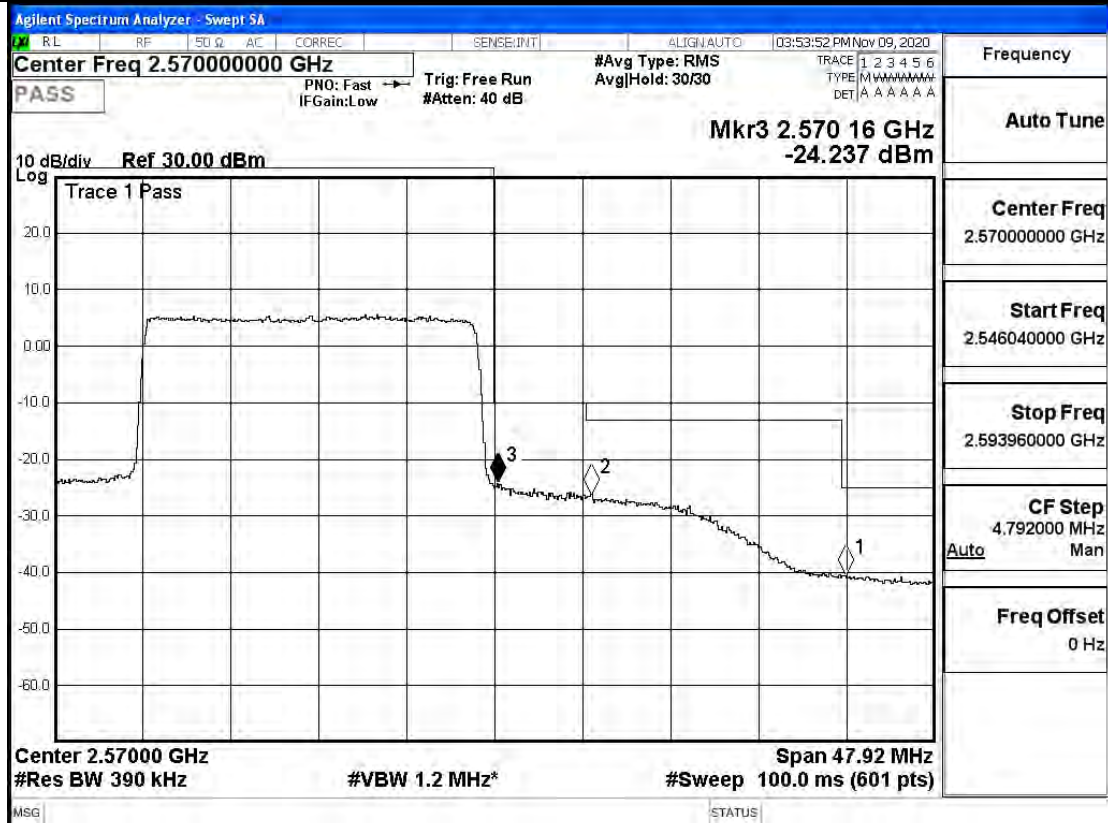
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



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

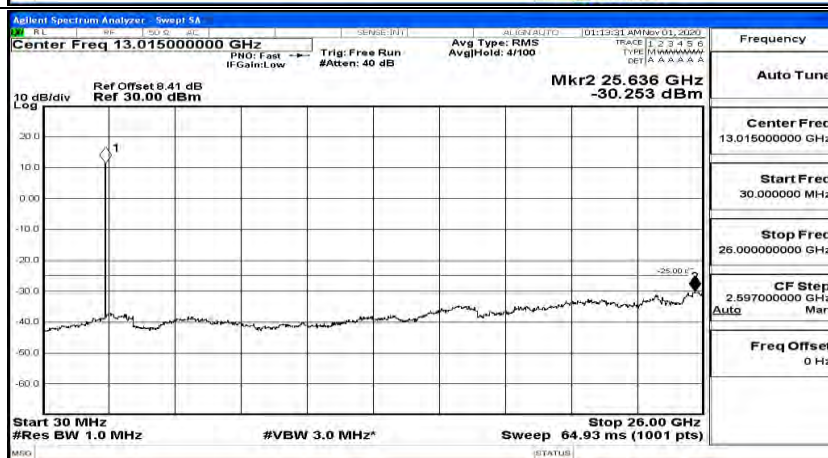
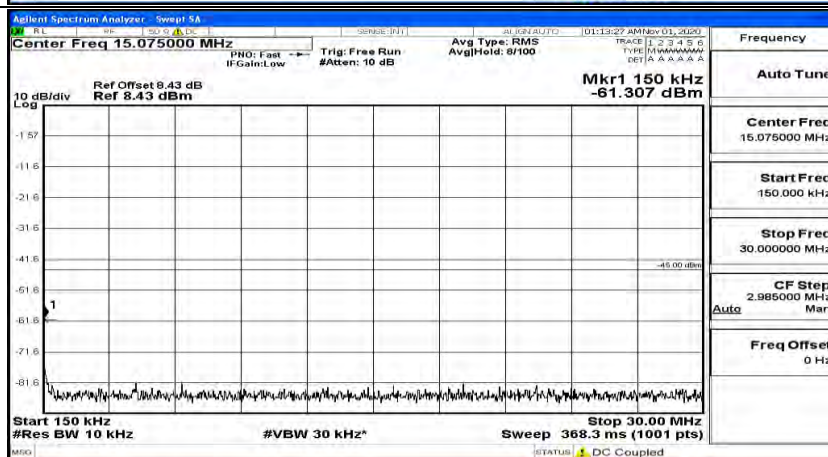
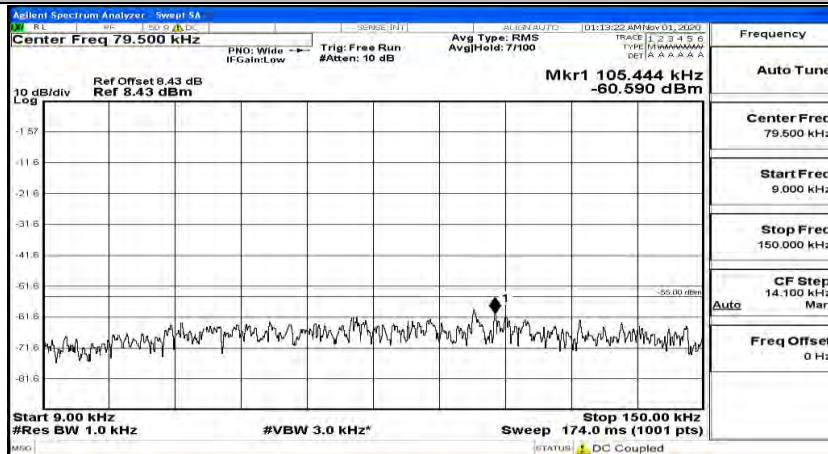


G.5 Conducted Spurious Emission

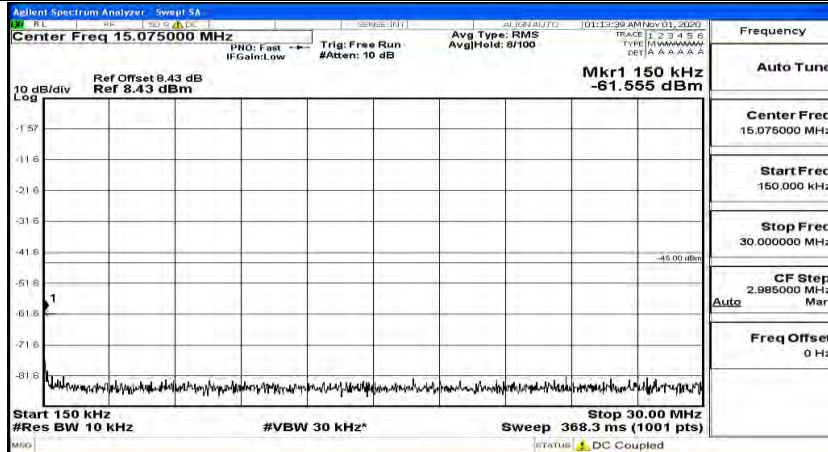
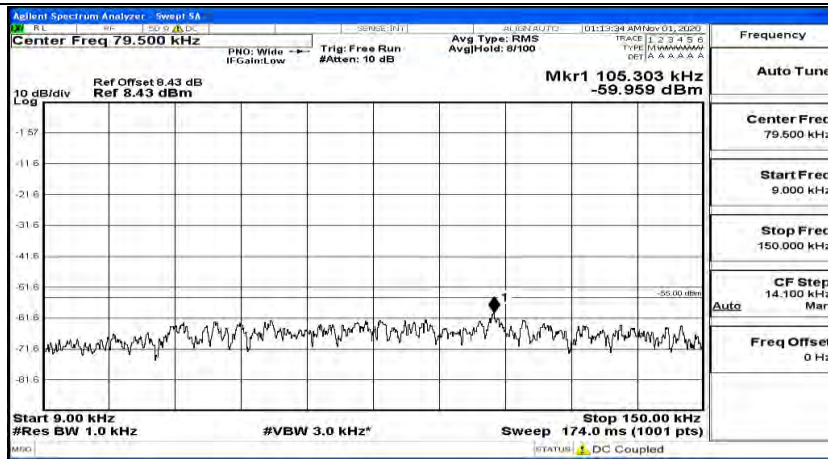
Test Graphs

Channel Bandwidth: 5 MHz

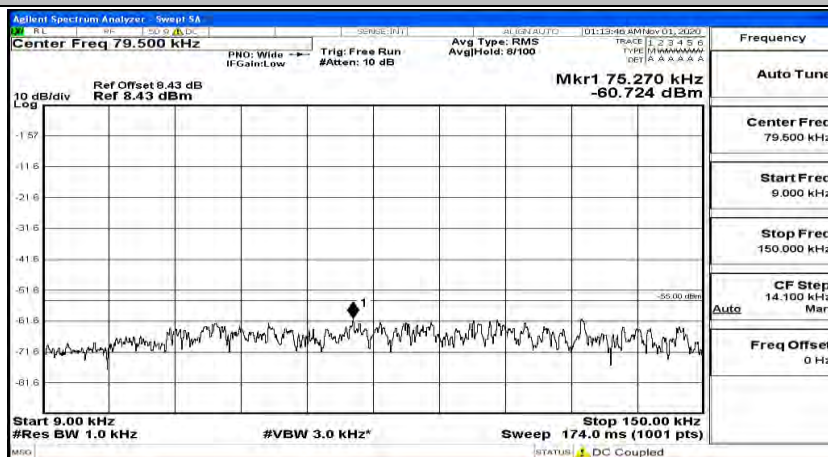
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

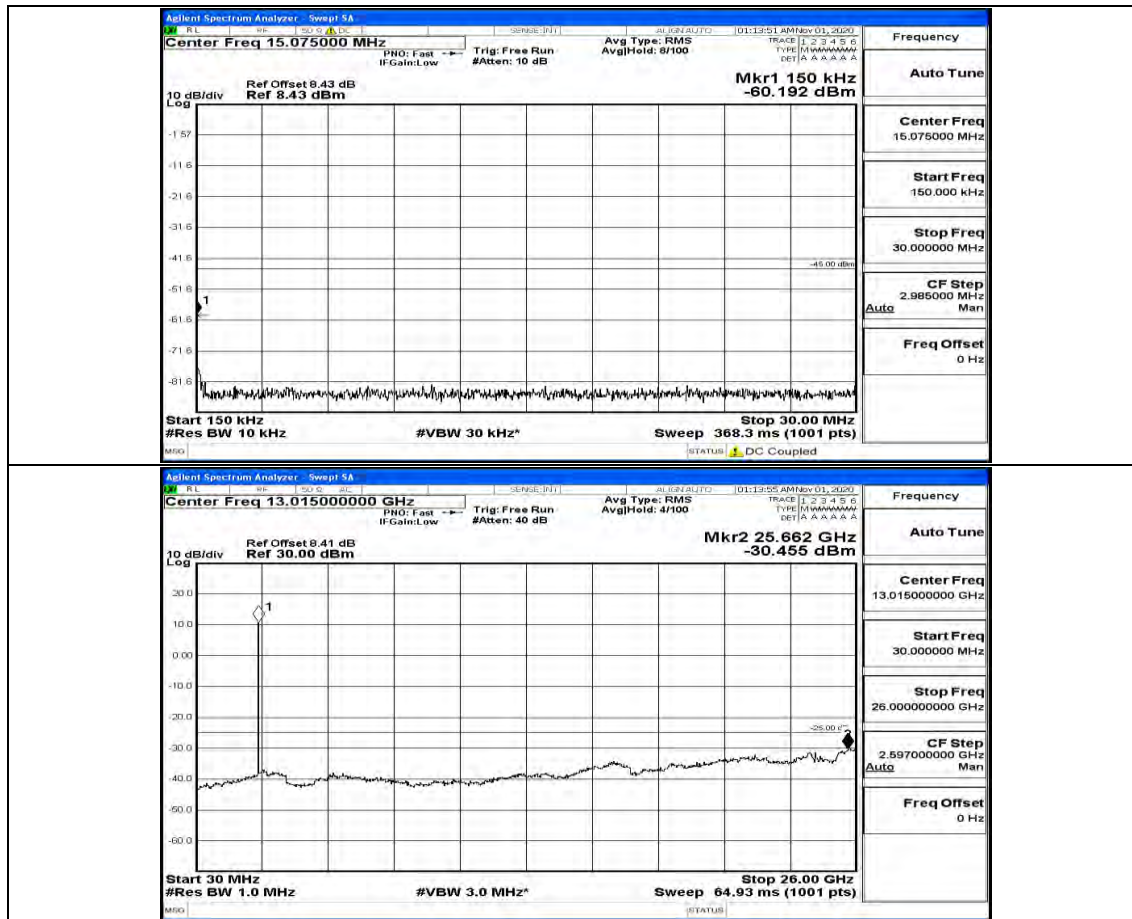


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

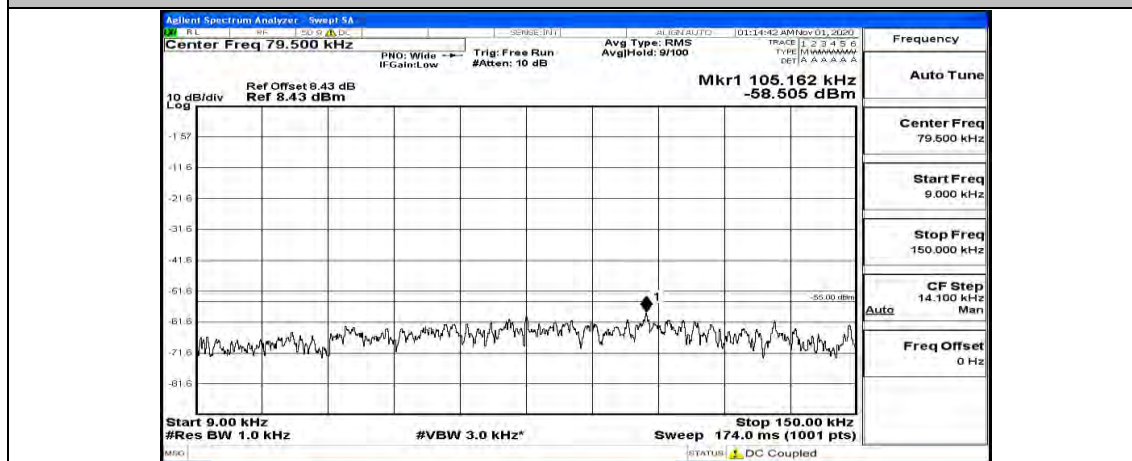


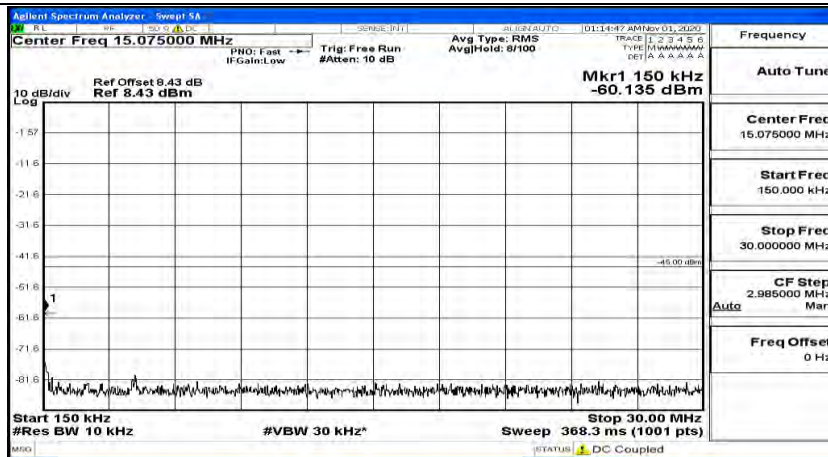
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



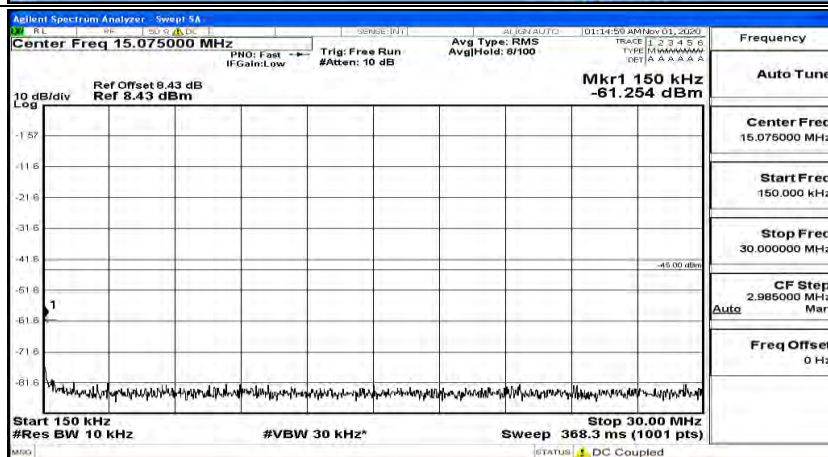
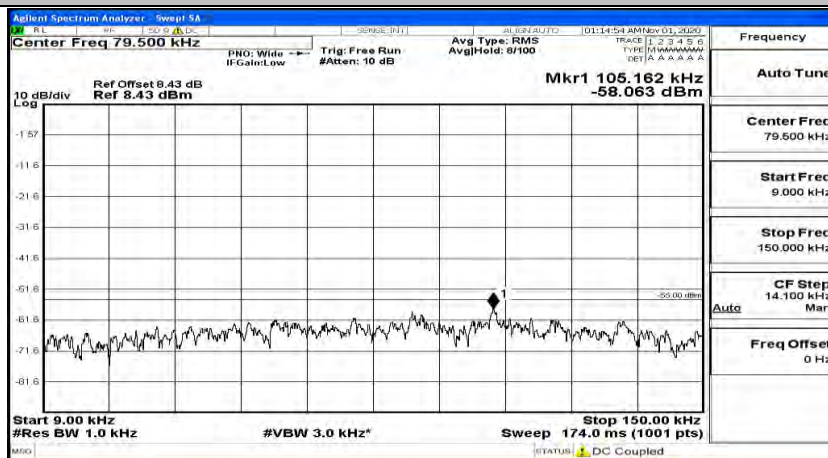


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



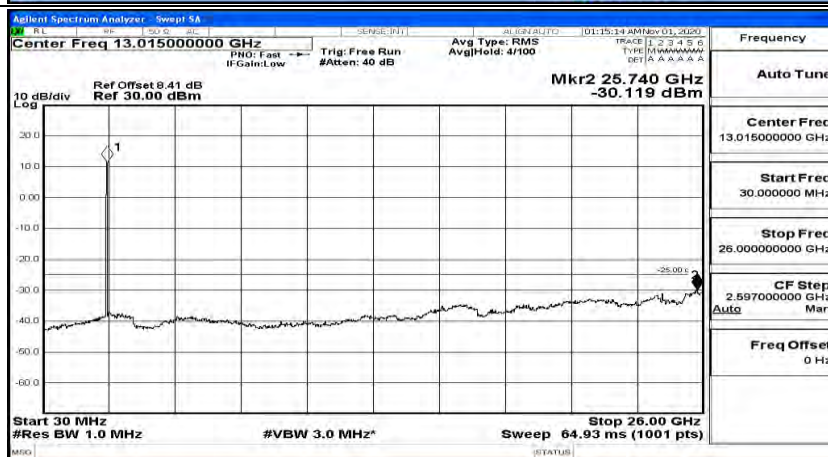
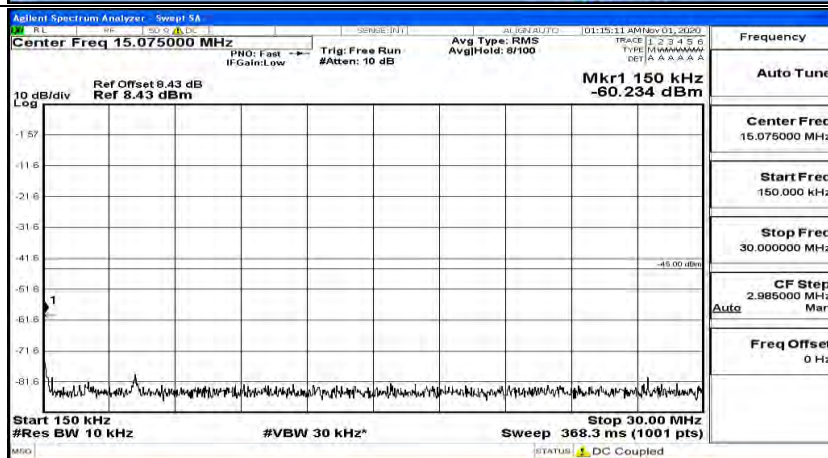
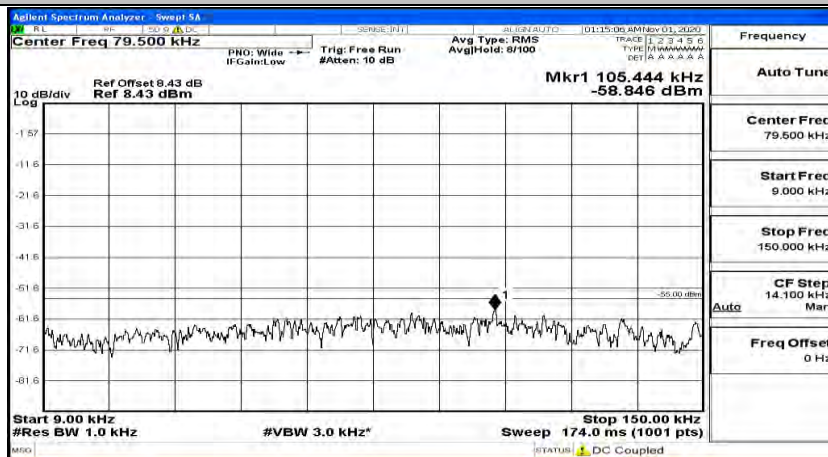


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

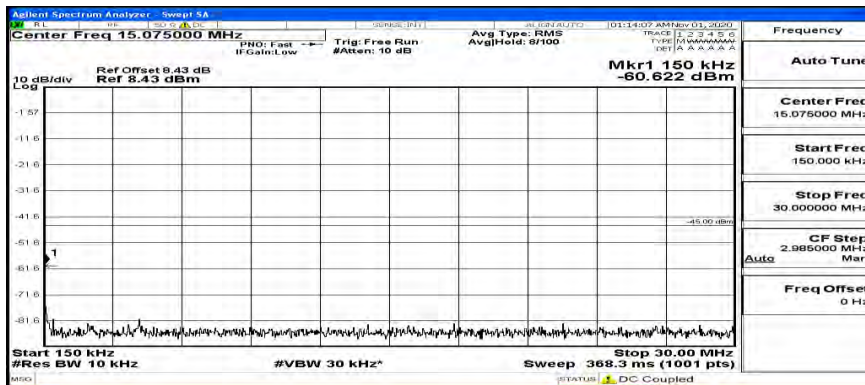
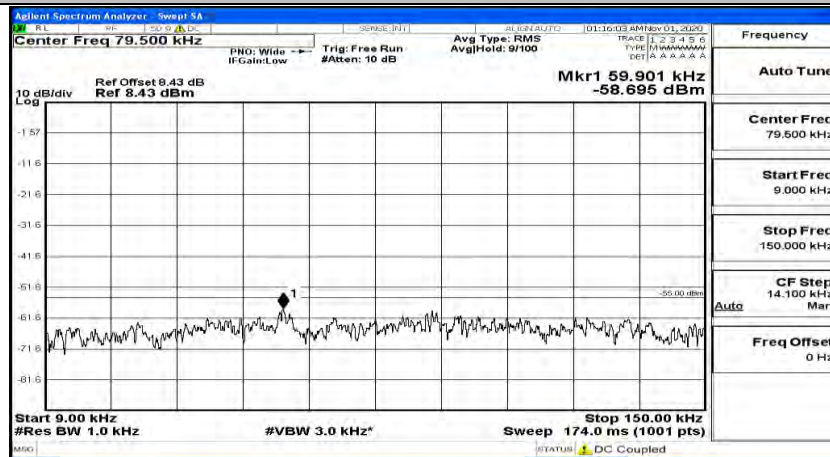




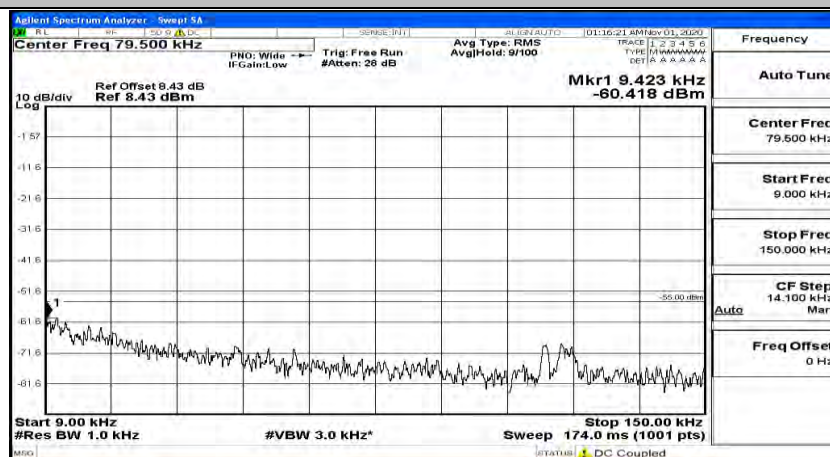
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

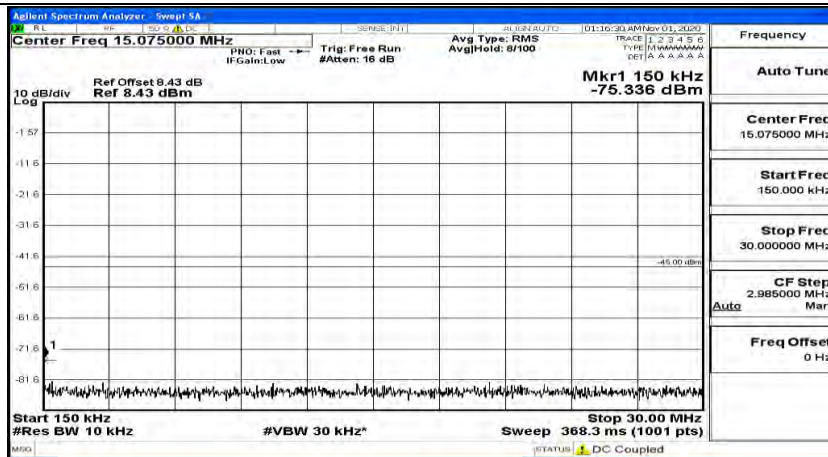


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

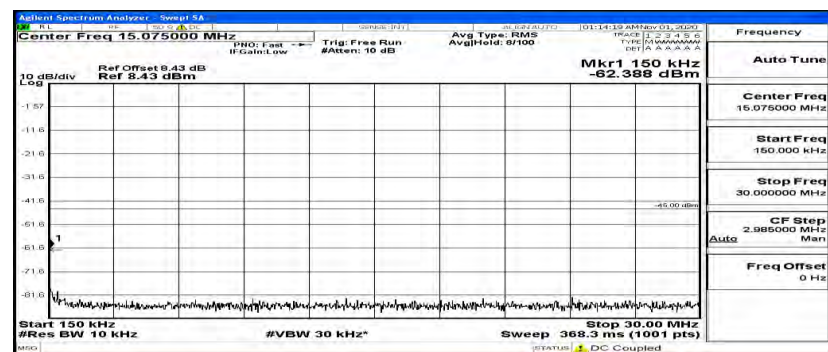
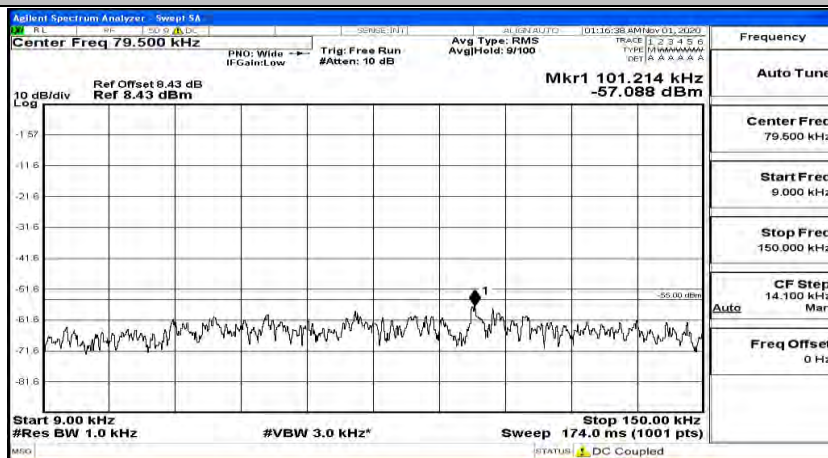


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



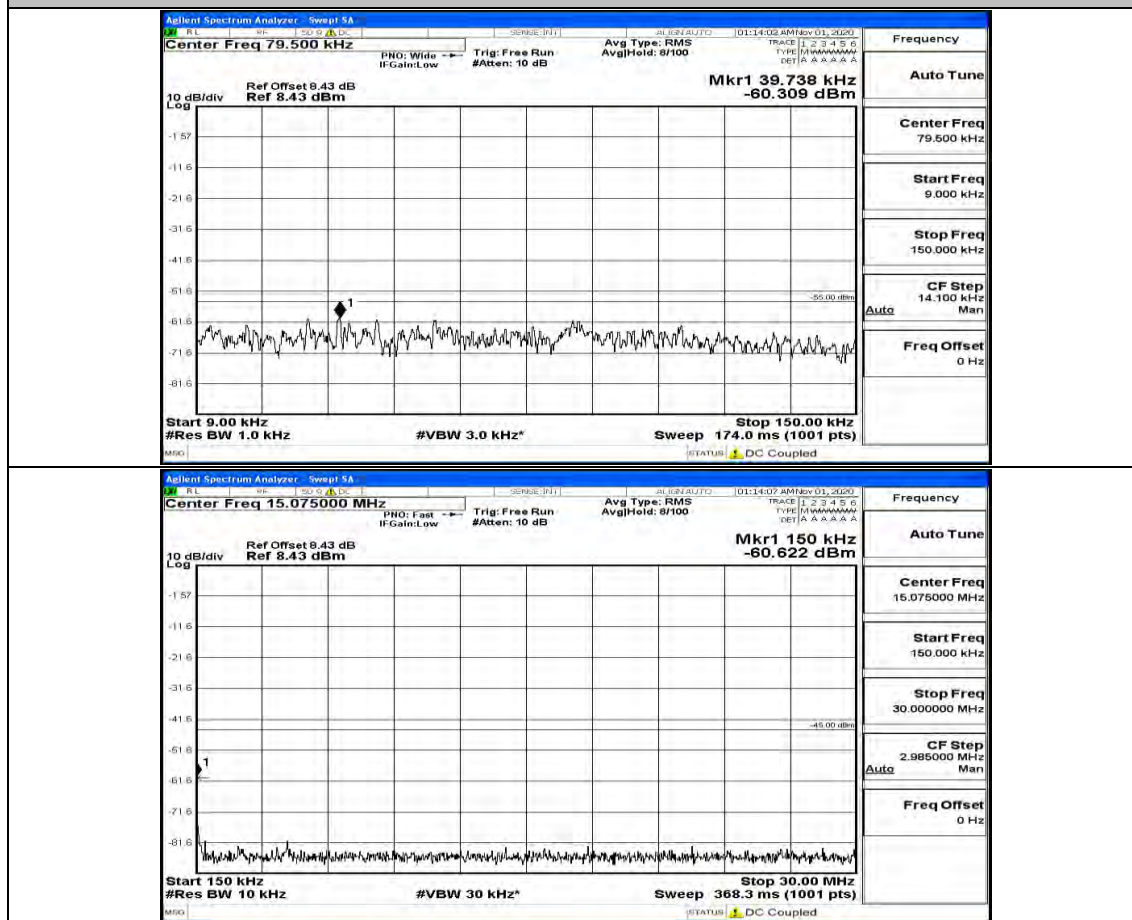


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



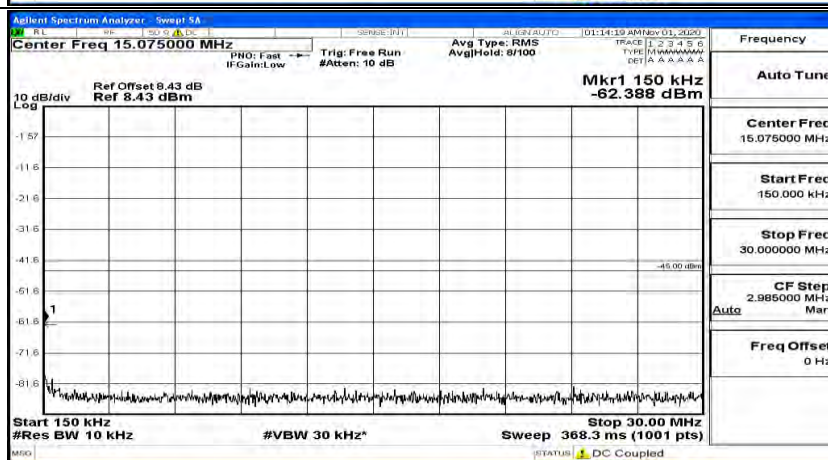
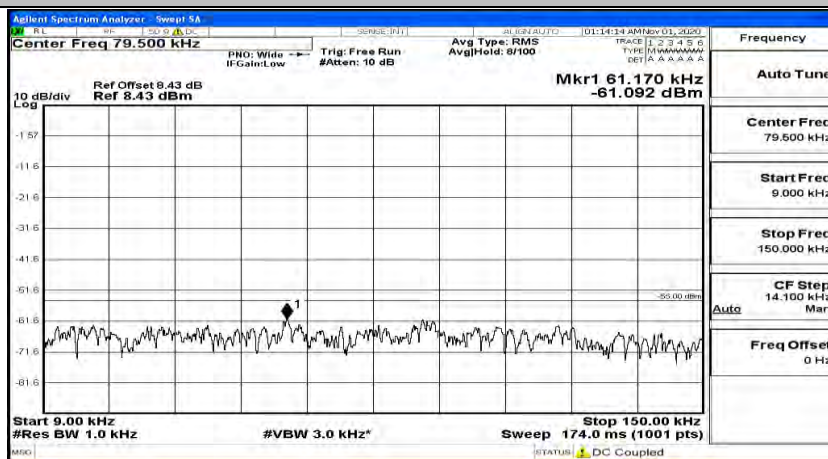


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

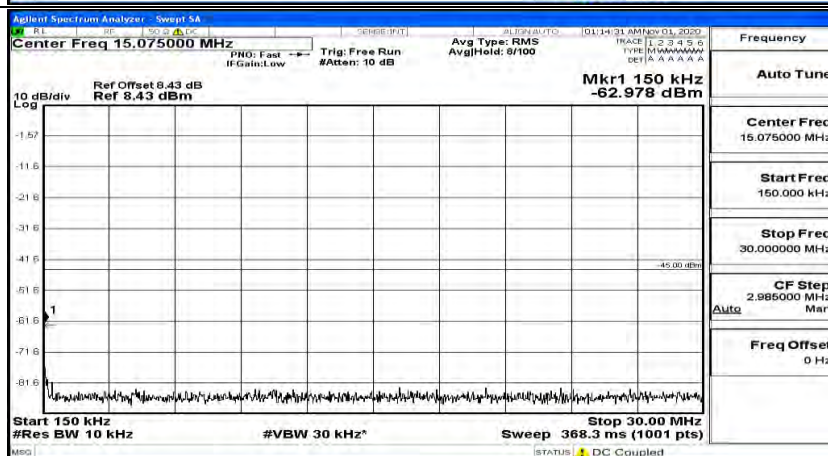
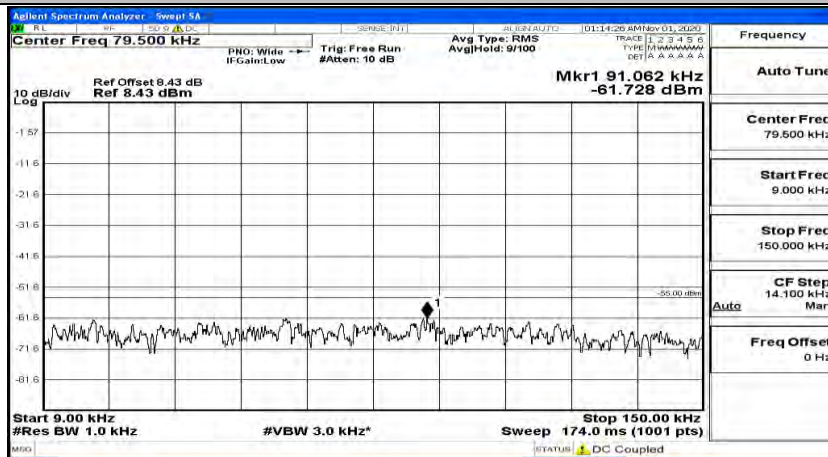




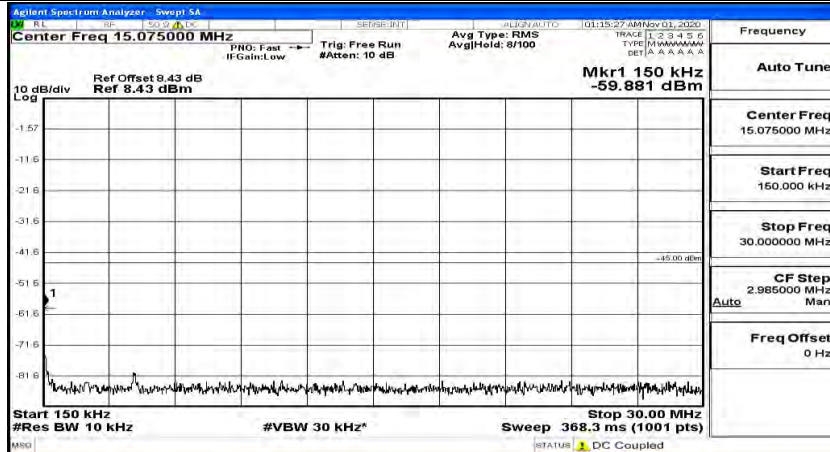
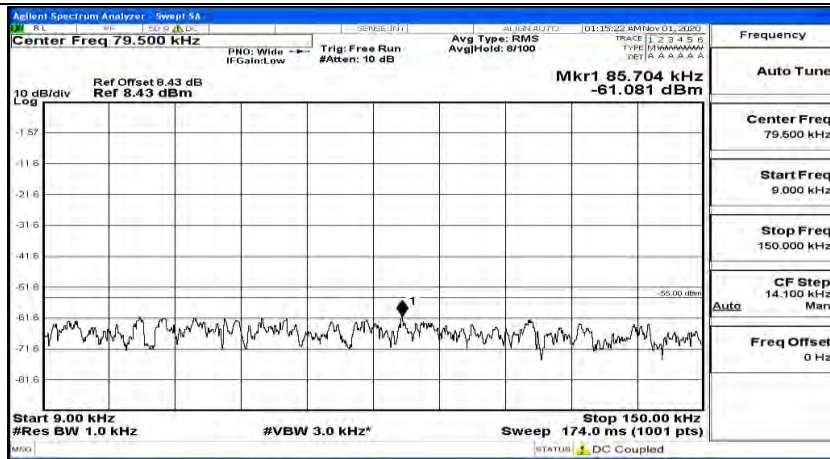
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



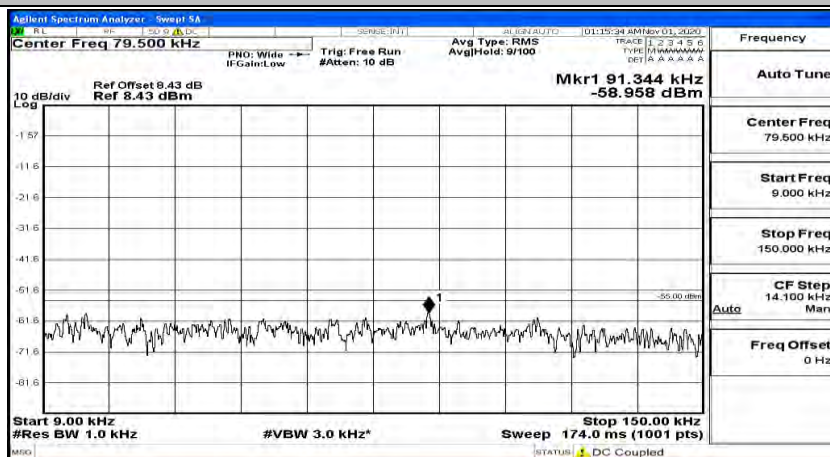
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

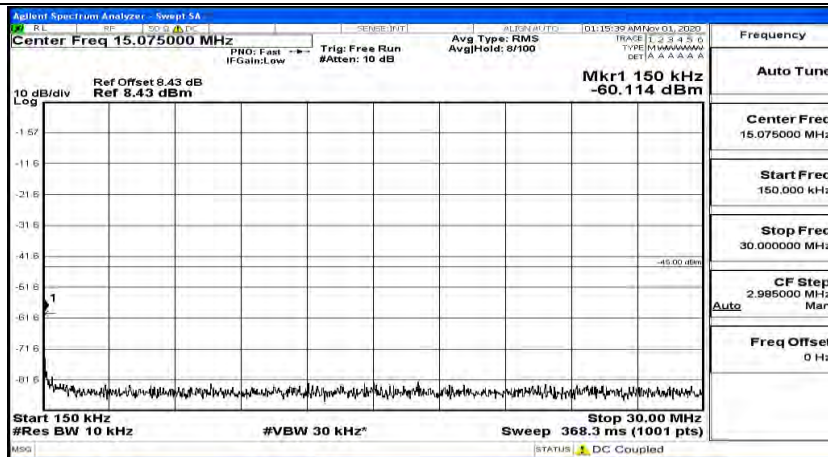


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

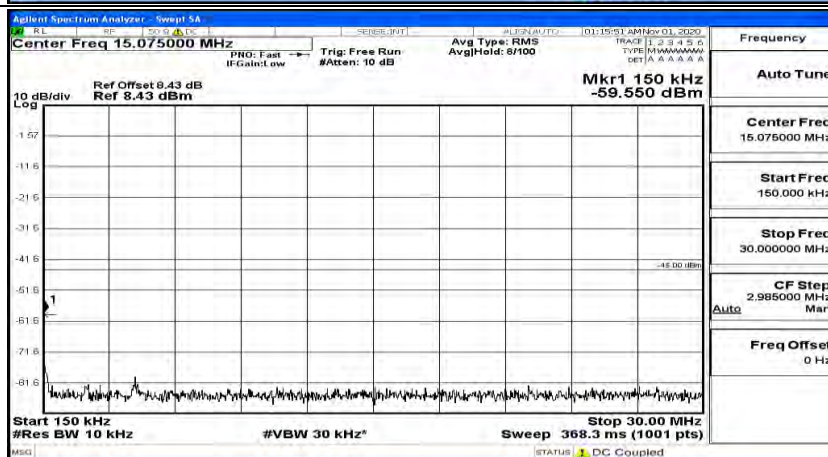
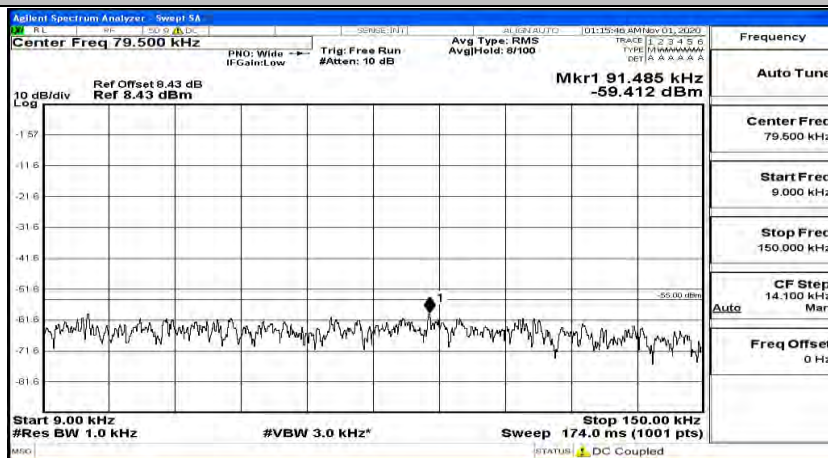


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



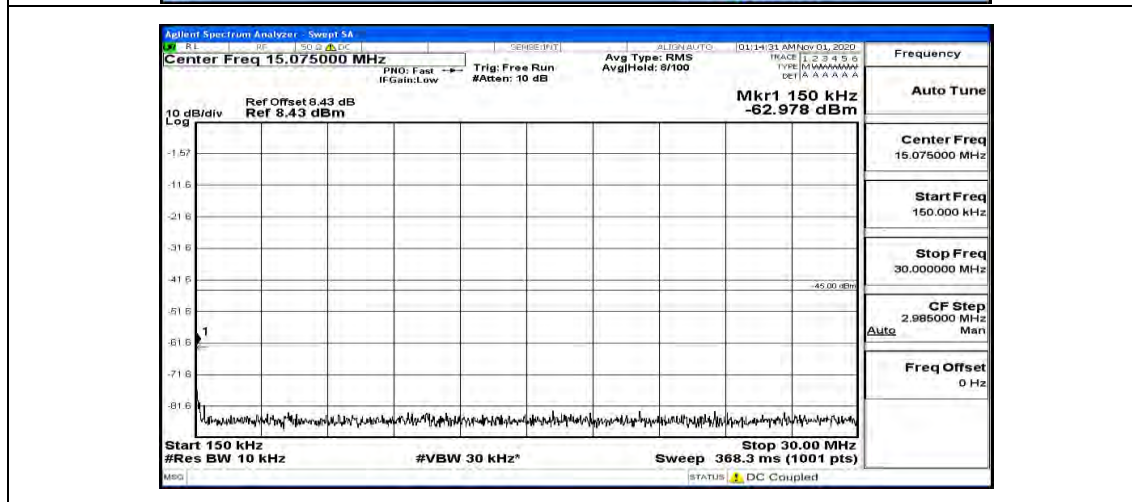
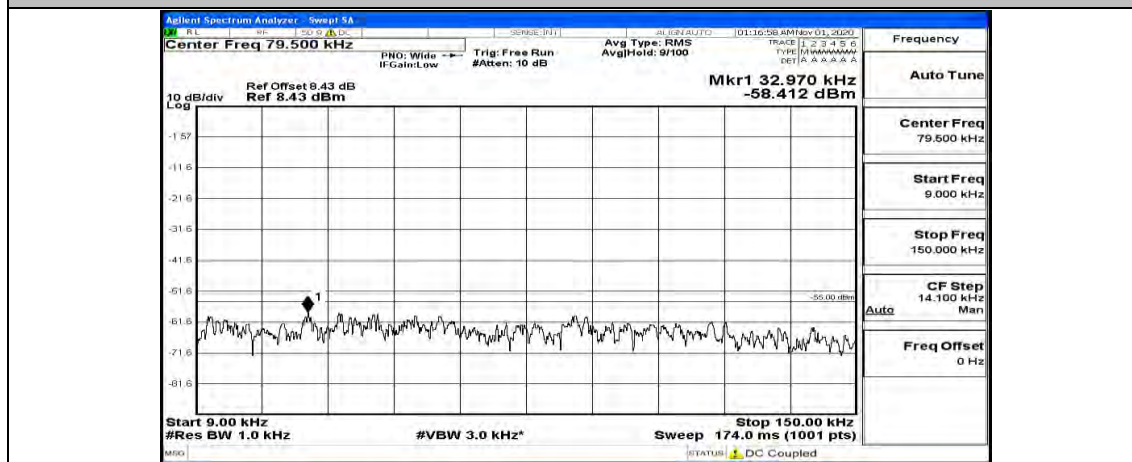


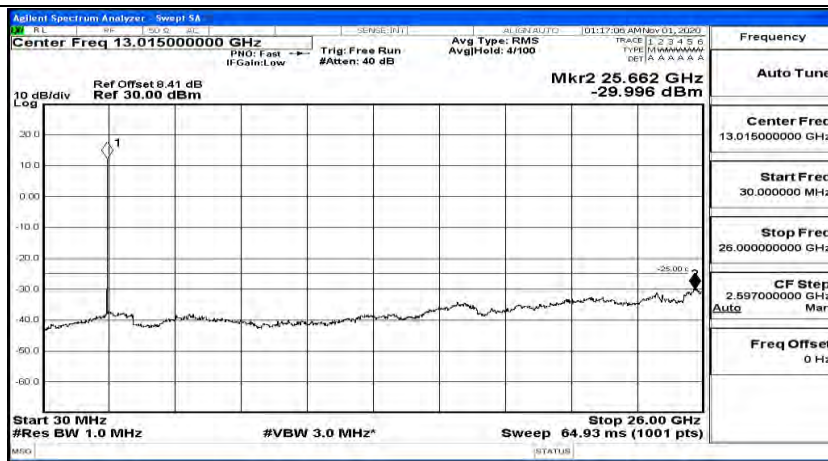
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24



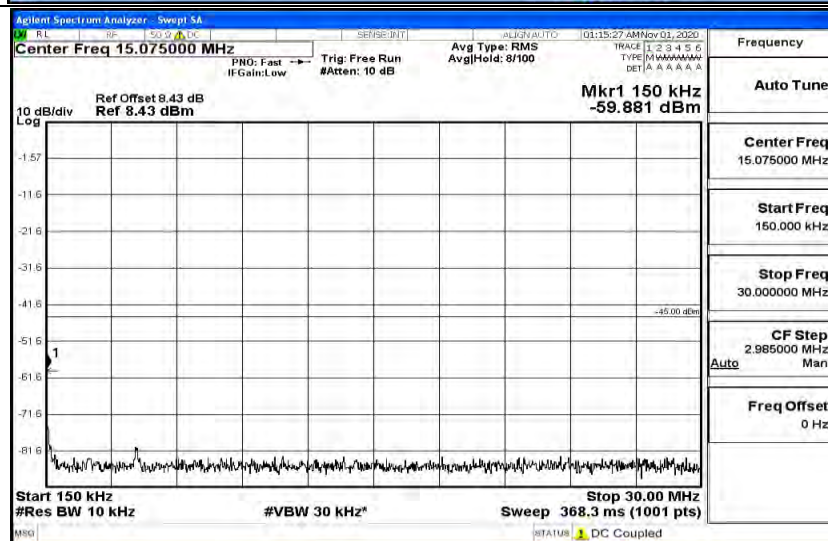
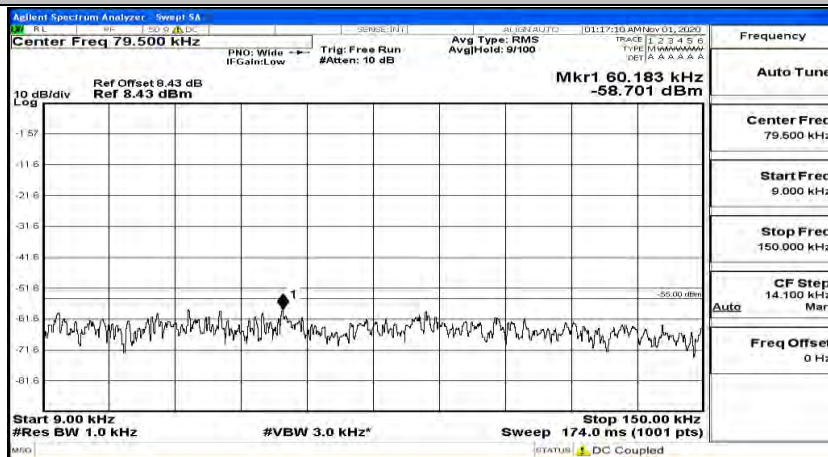


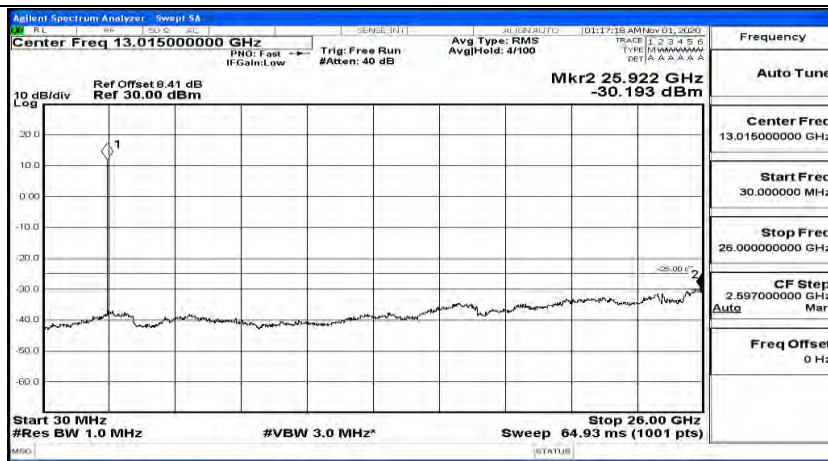
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



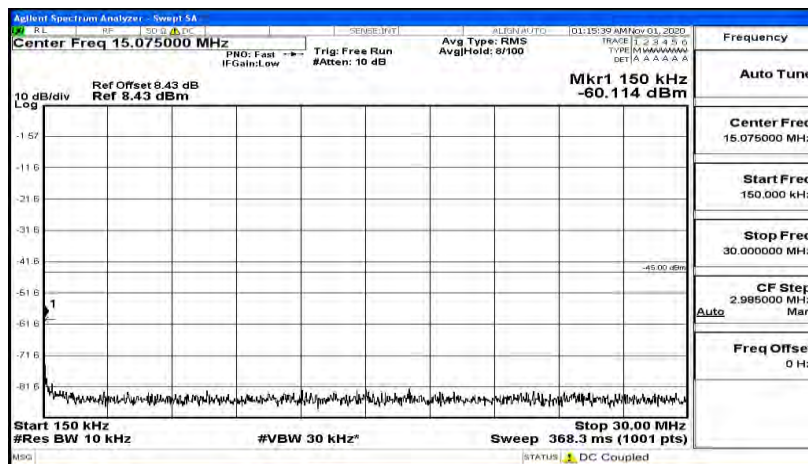
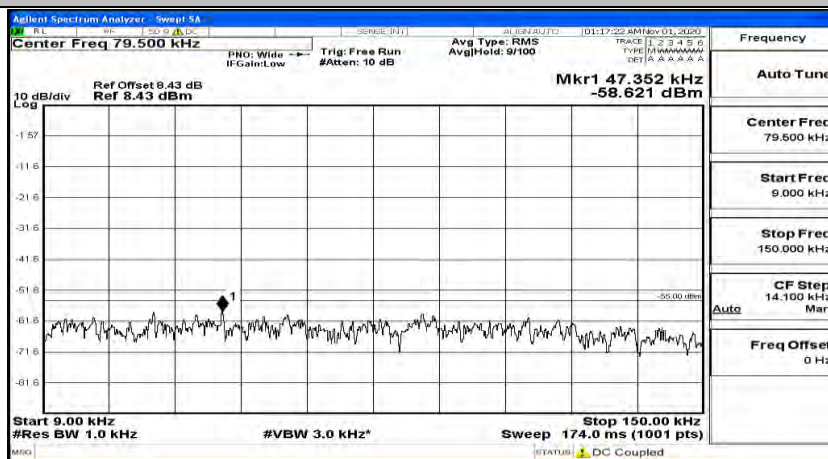


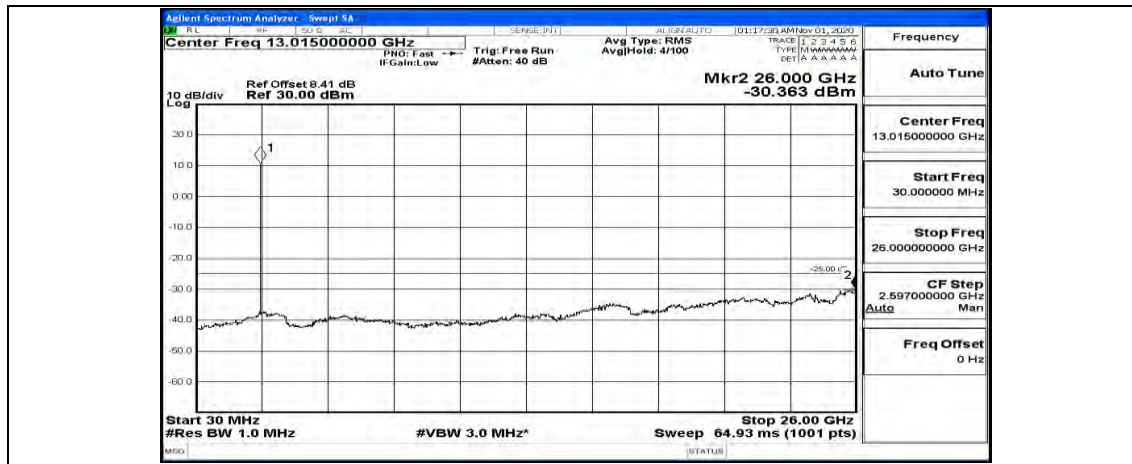
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



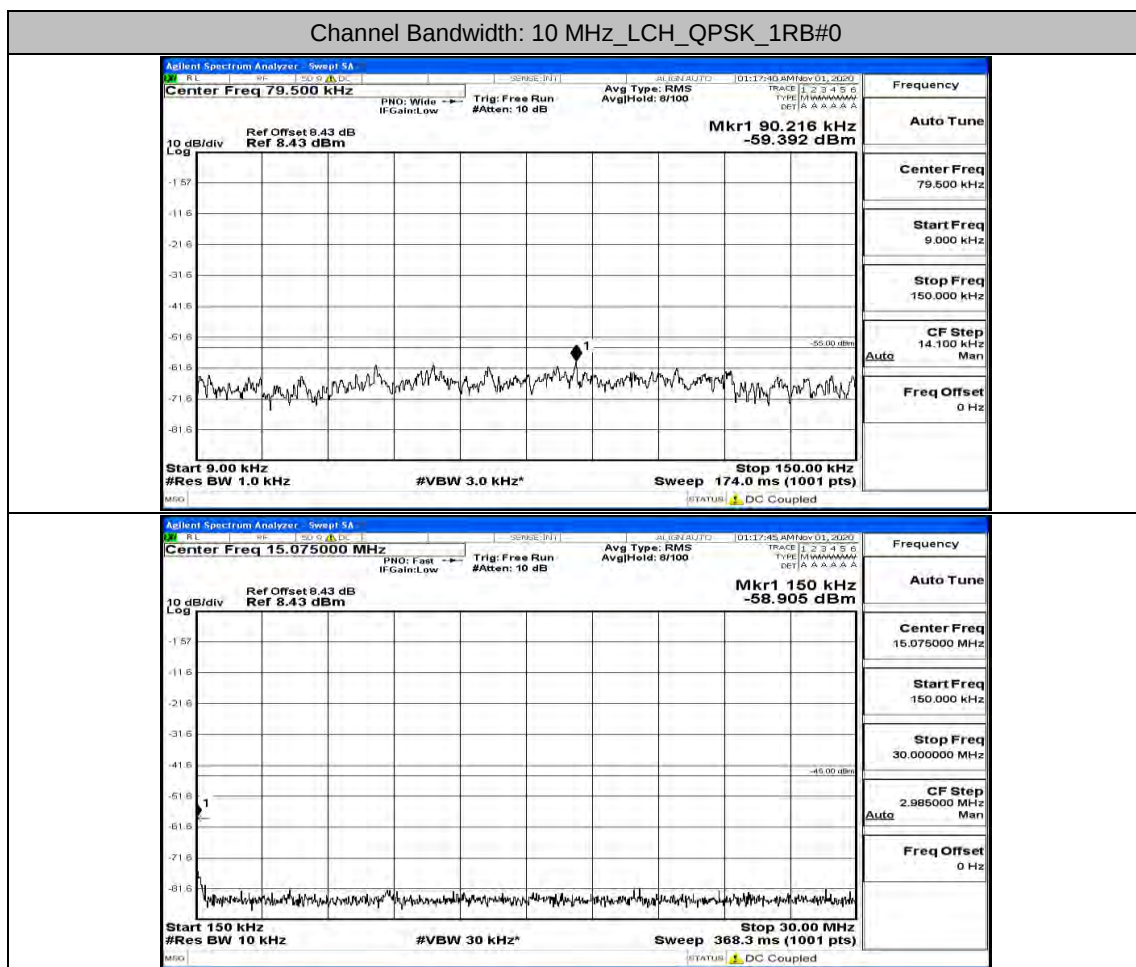


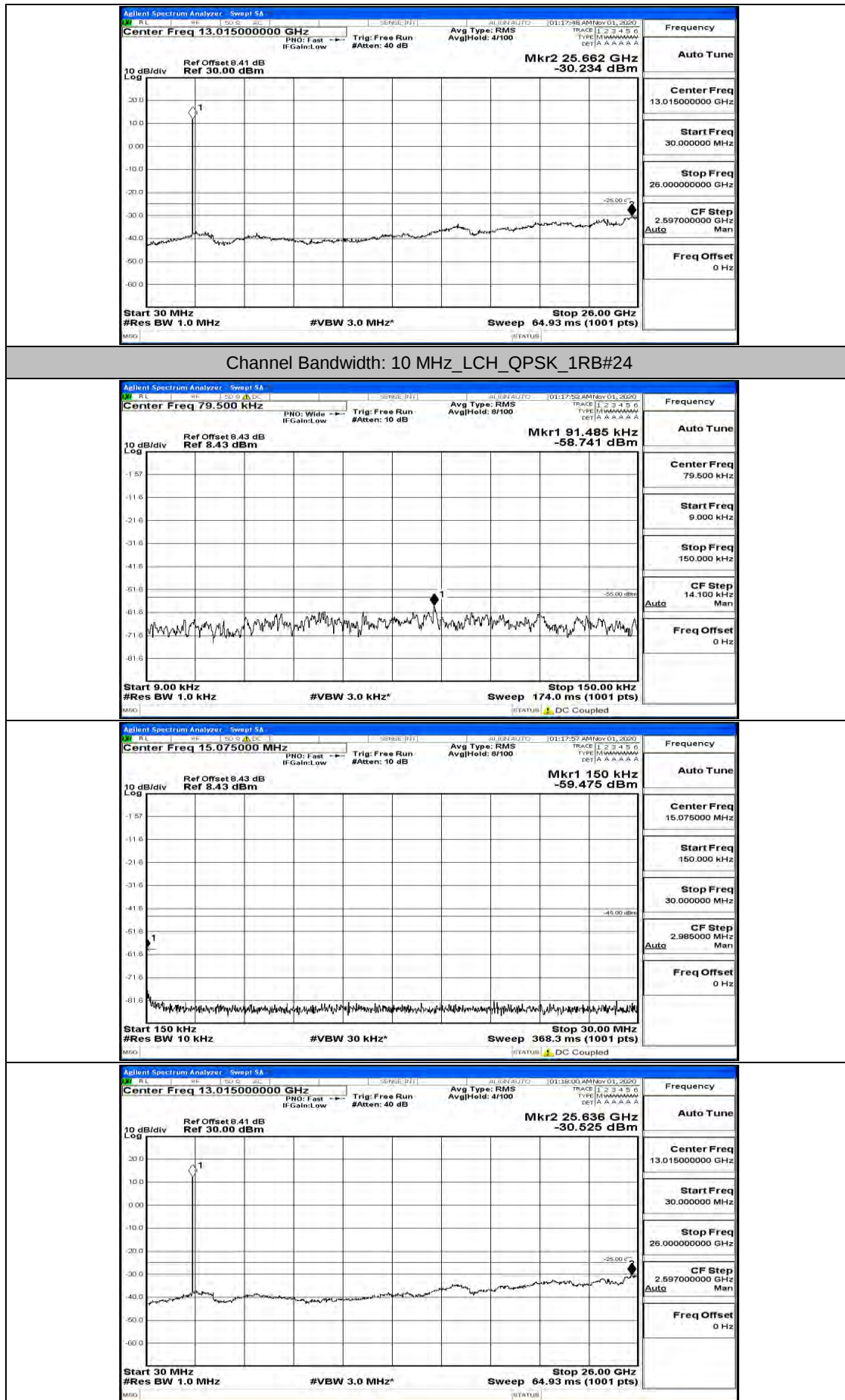
(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



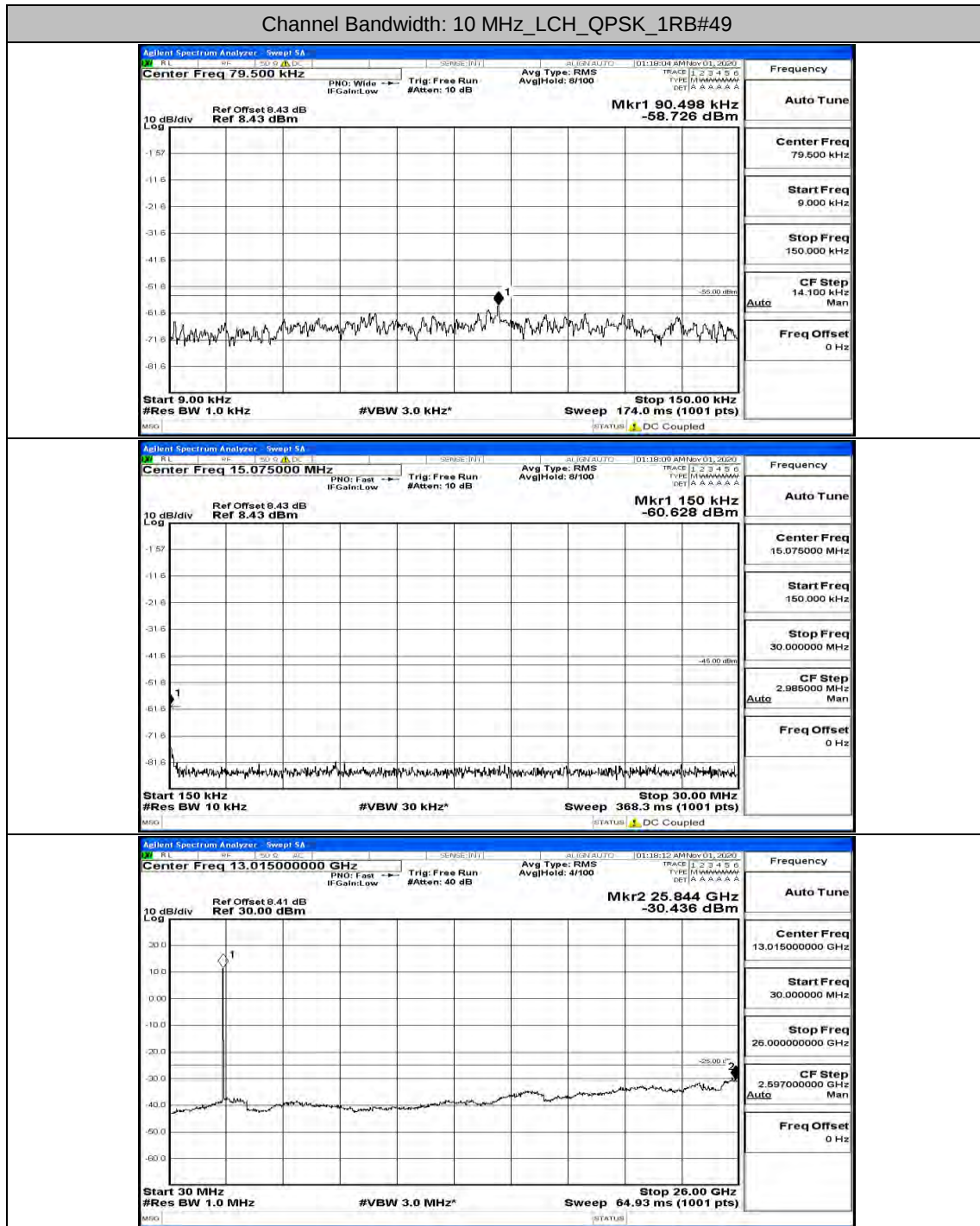


Channel Bandwidth: 10 MHz

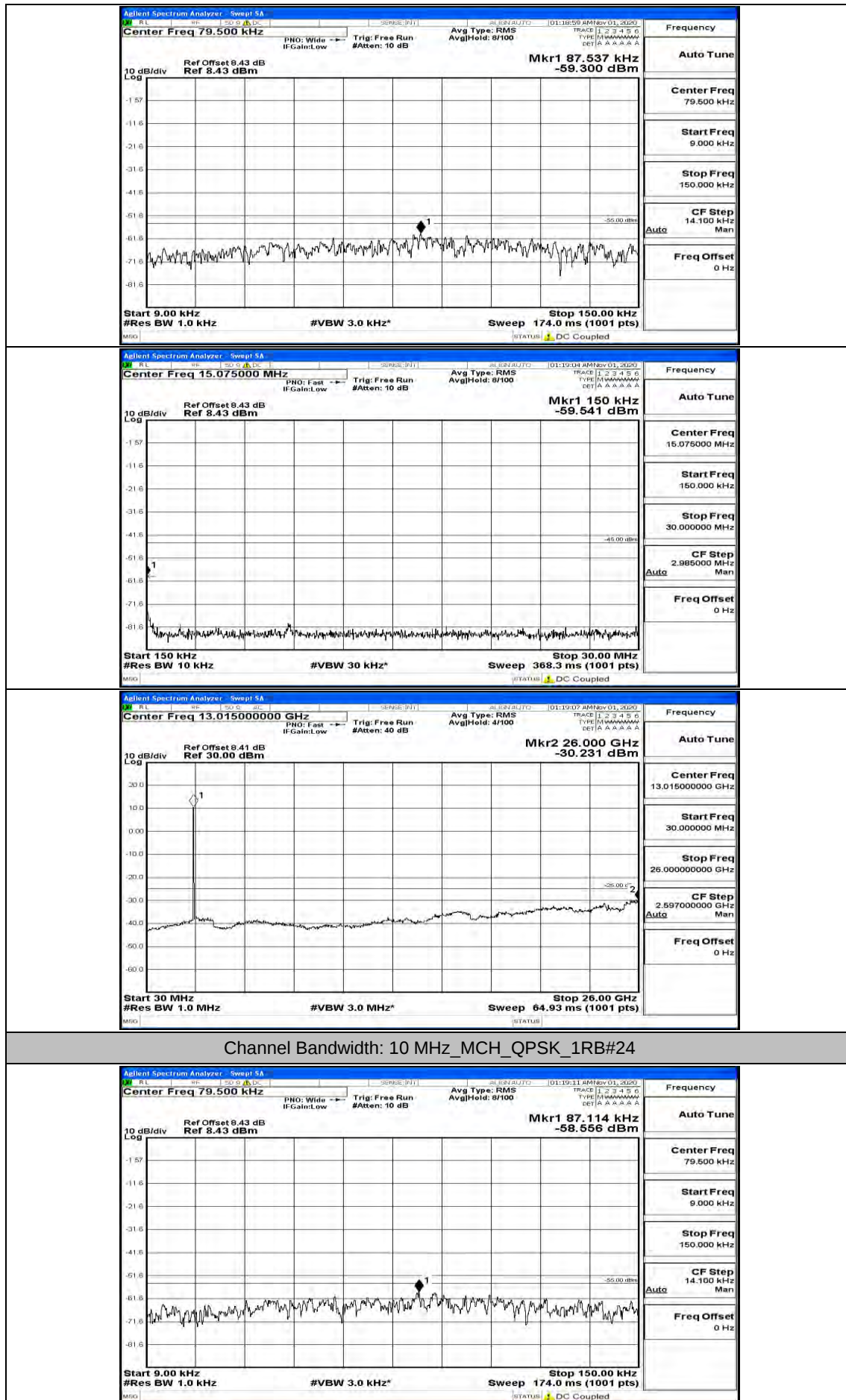


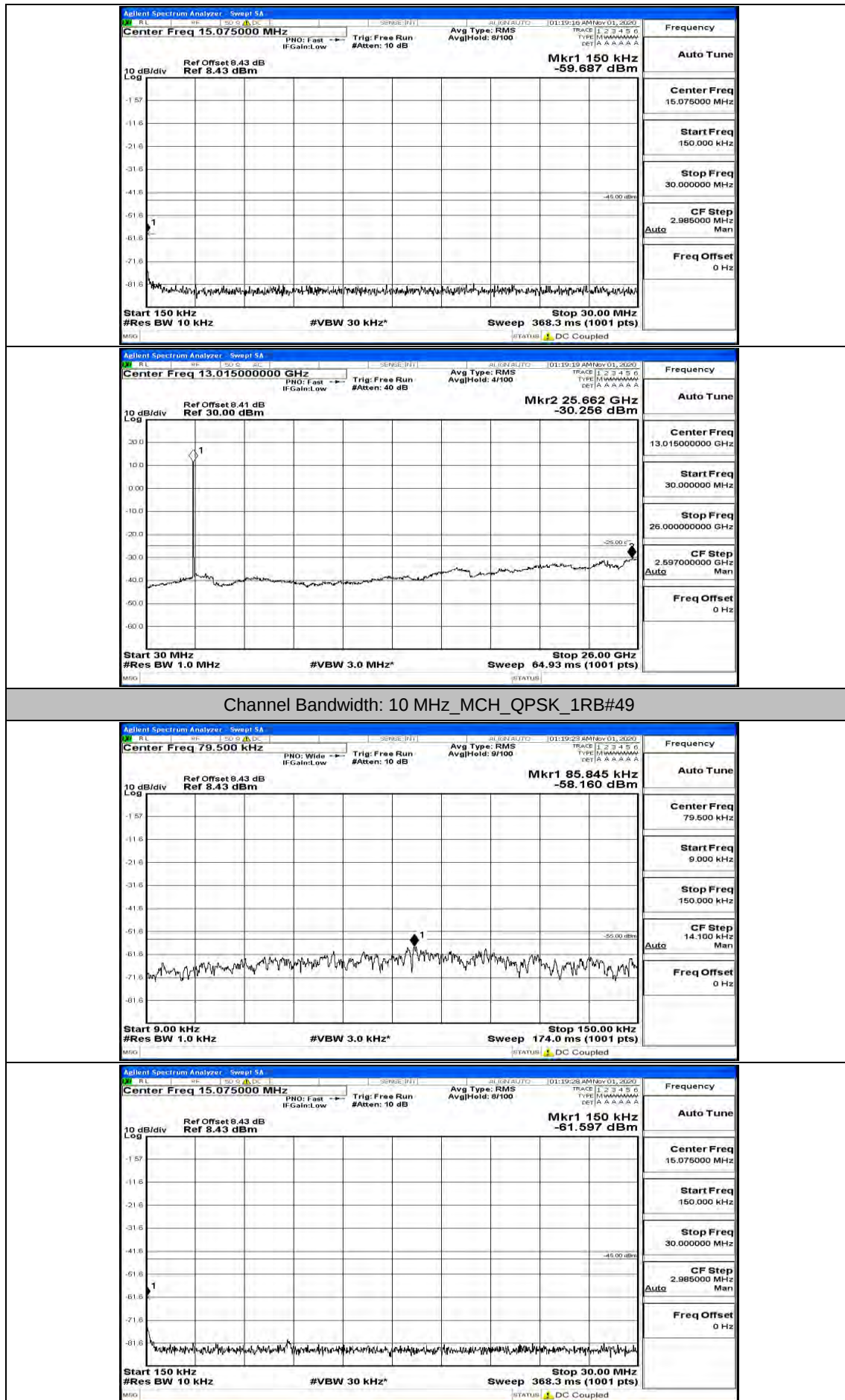


Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49



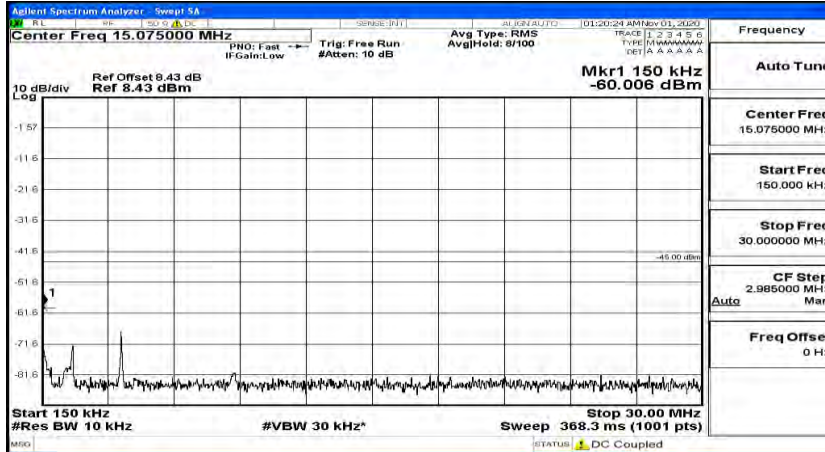
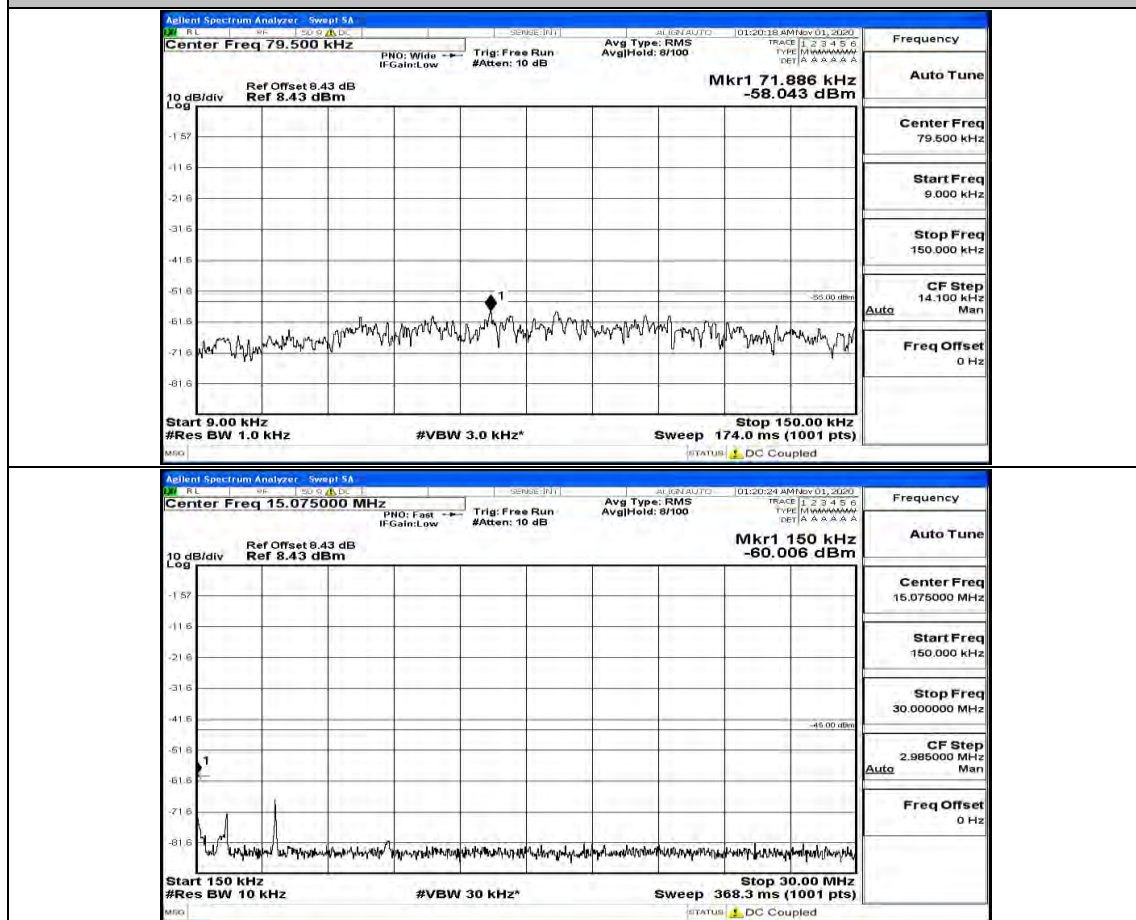
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0

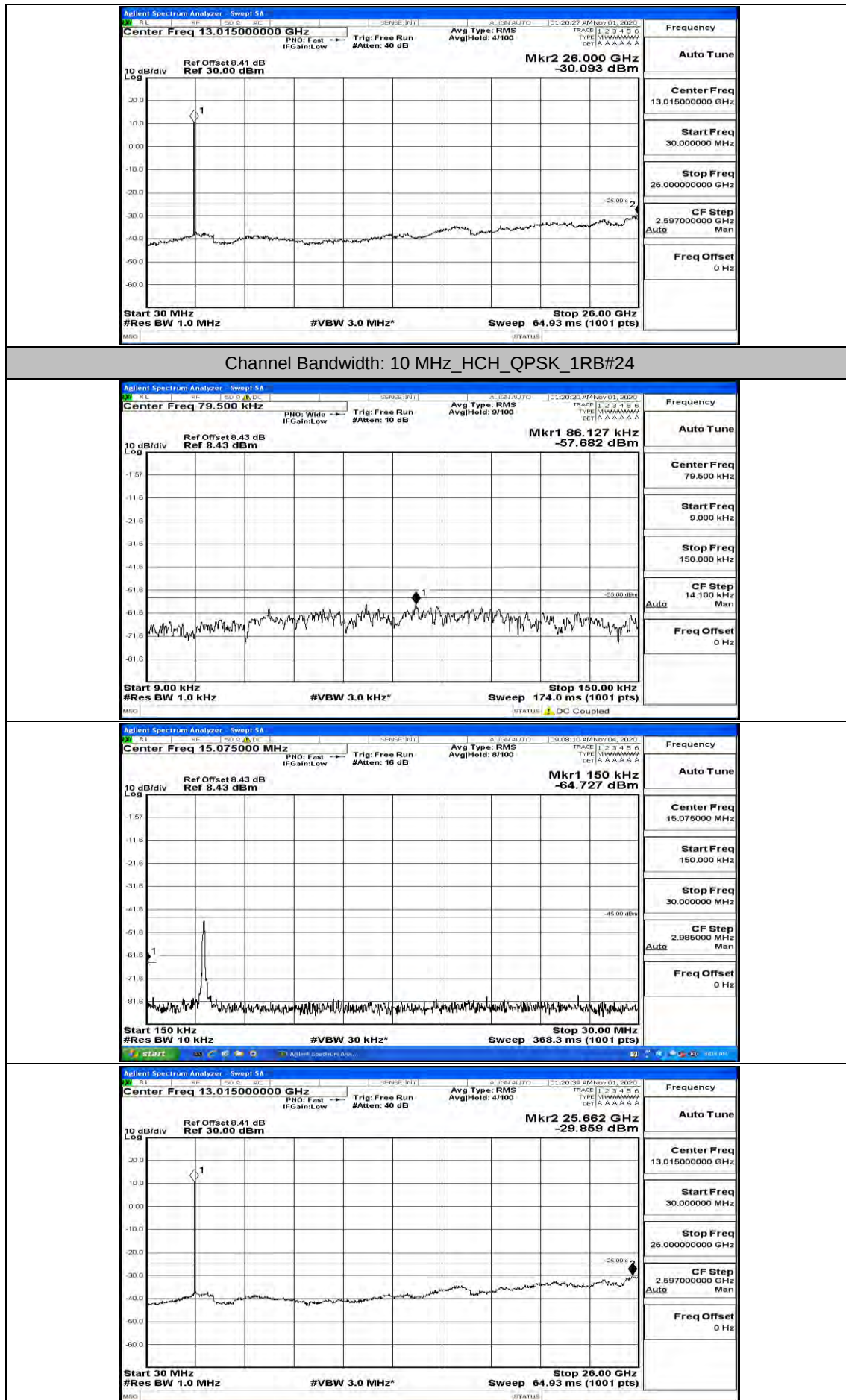




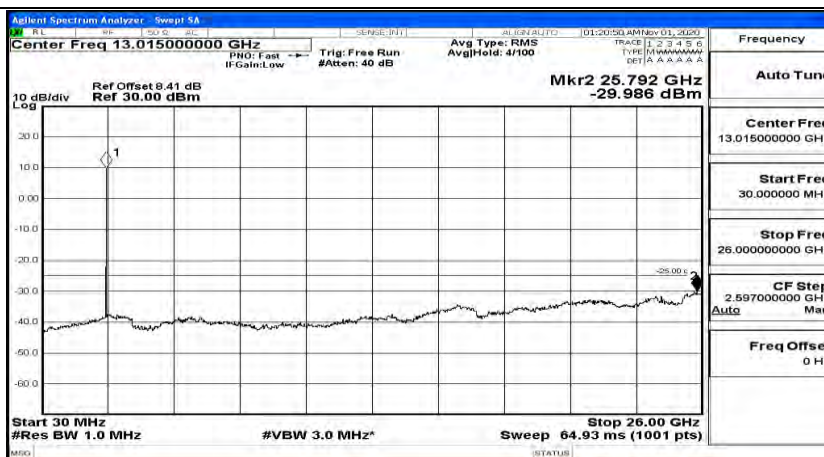
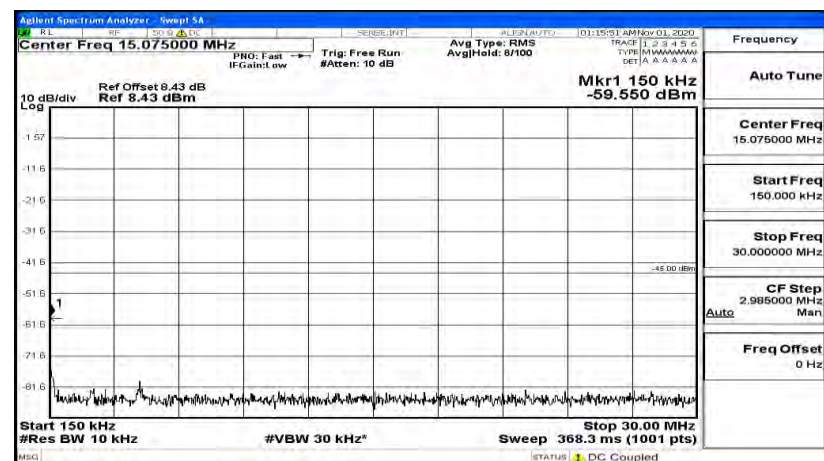
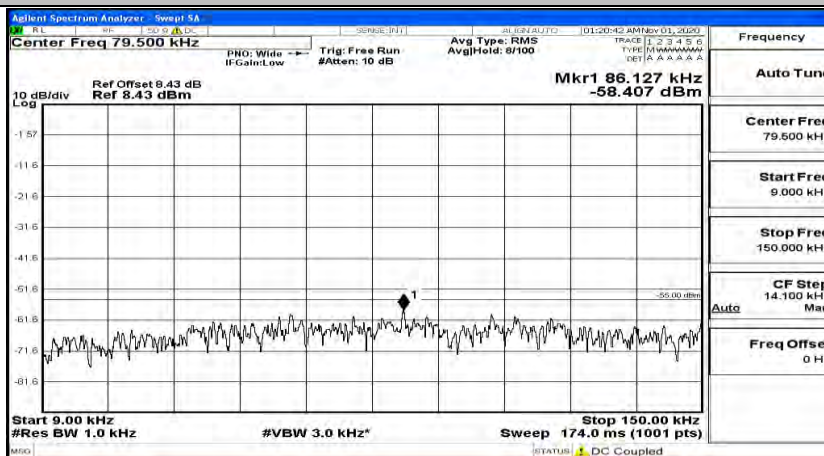


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

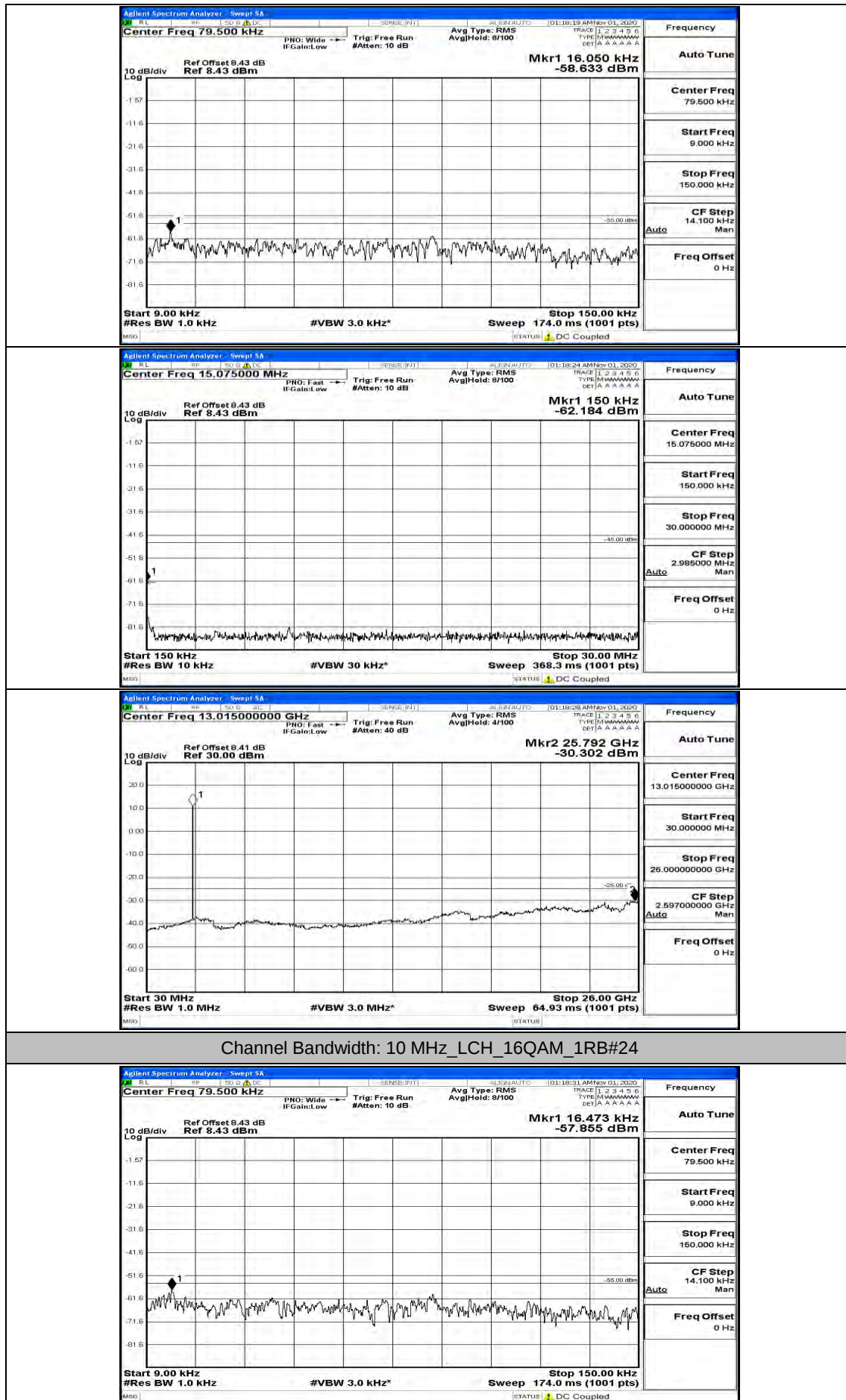


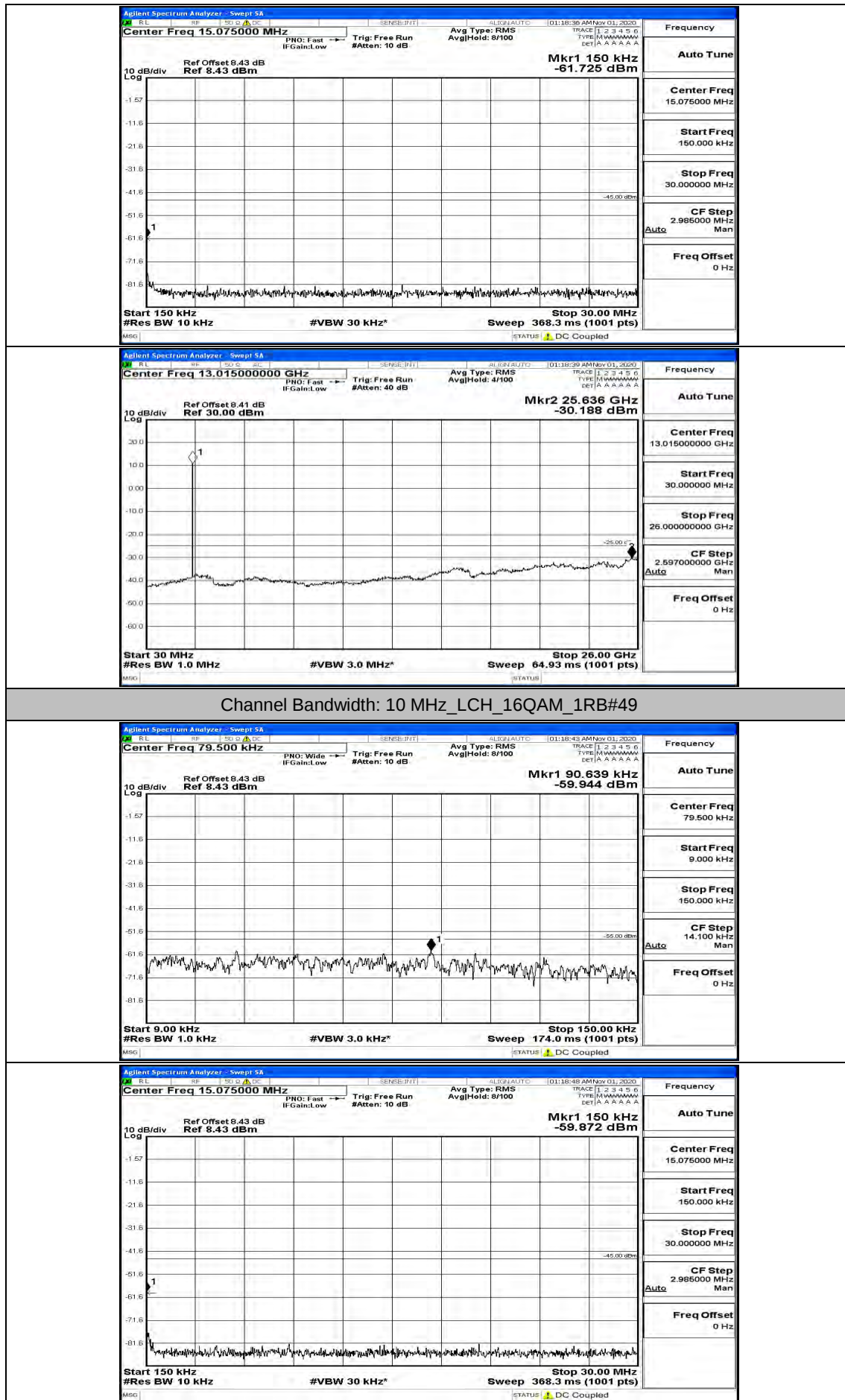


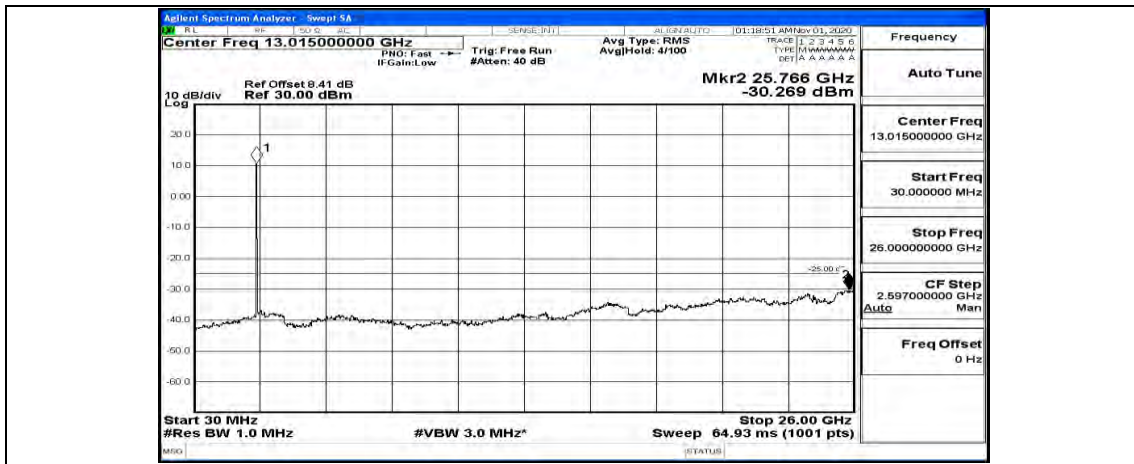
Channel Bandwidth: 10 MHz HCH QPSK 1RB#49



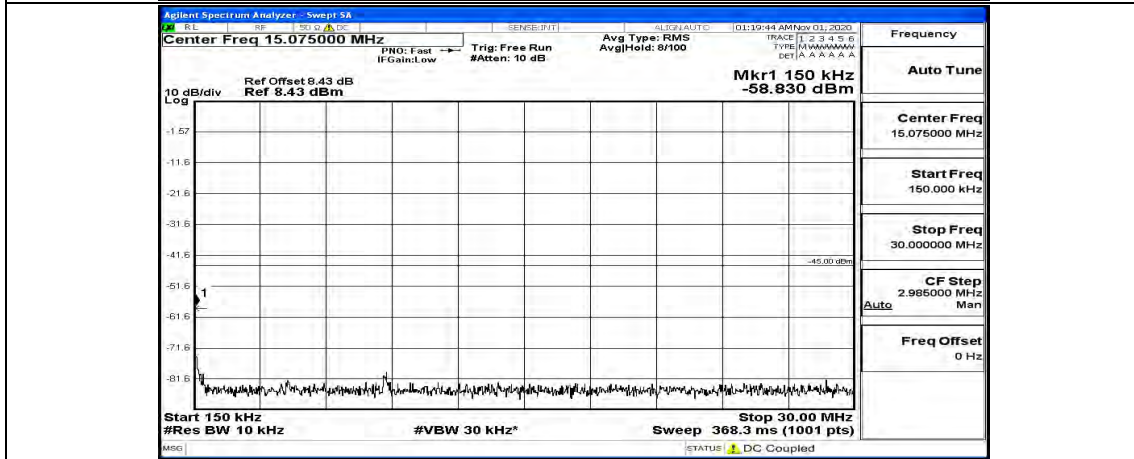
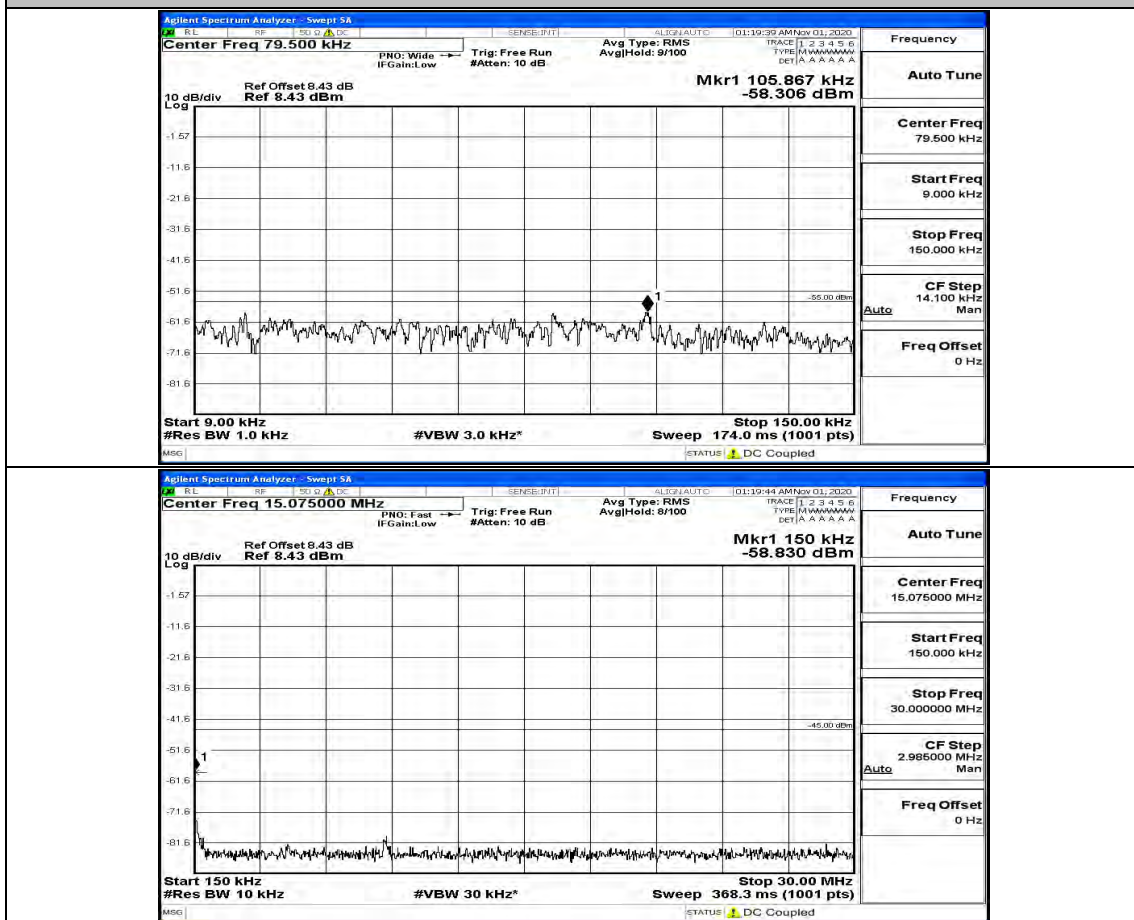
Channel Bandwidth: 10 MHz LCH 16QAM 1RB#0

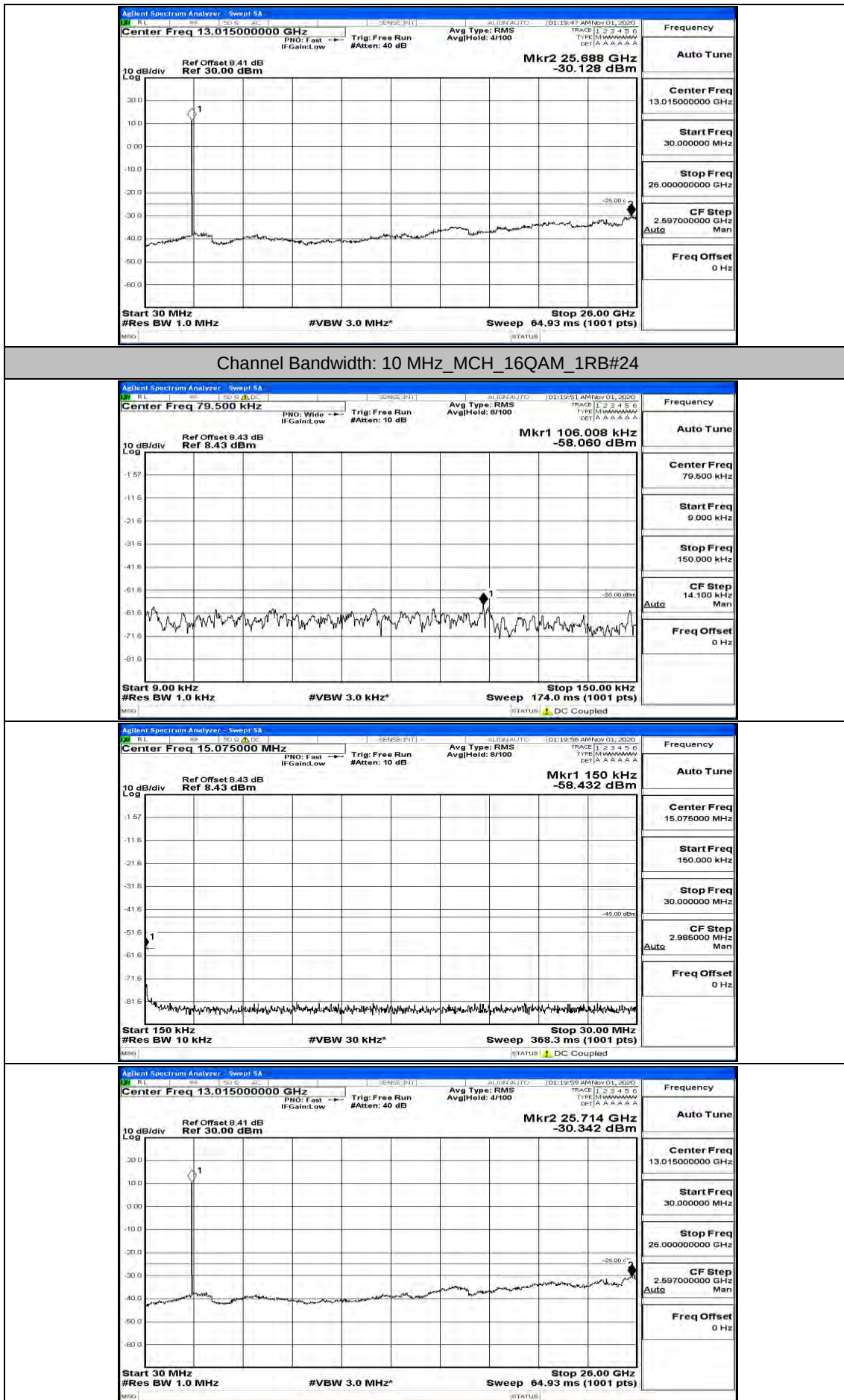




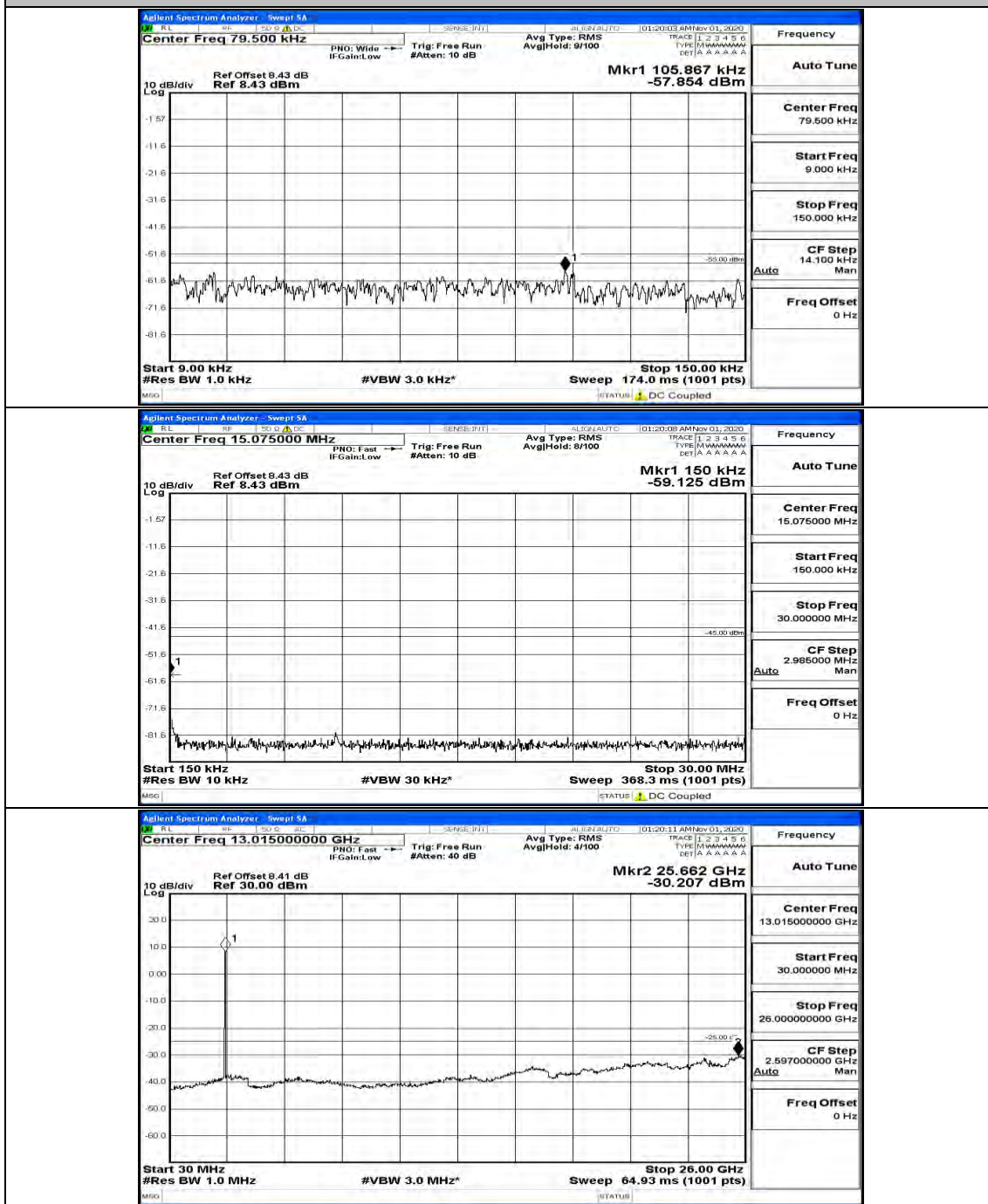


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

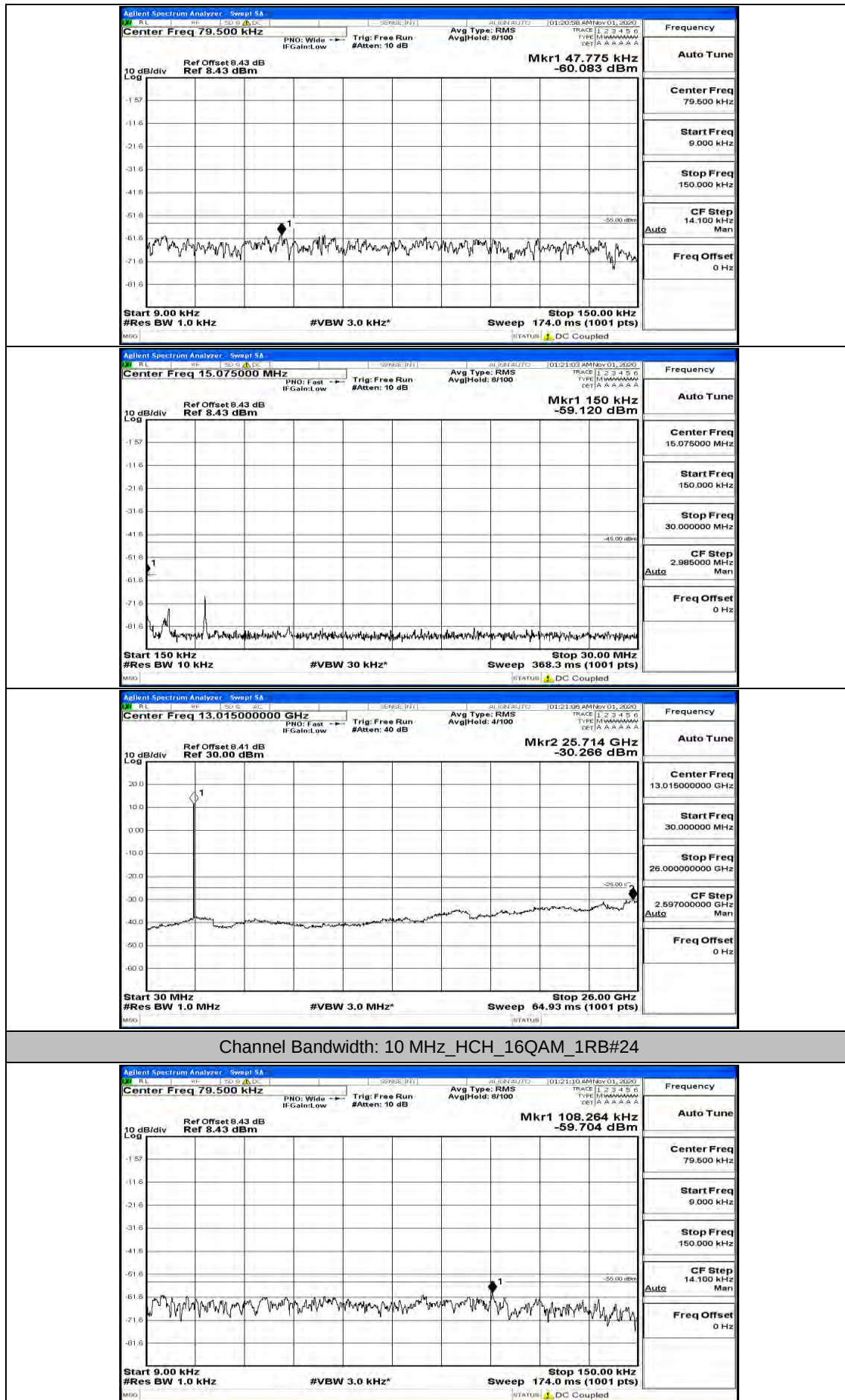


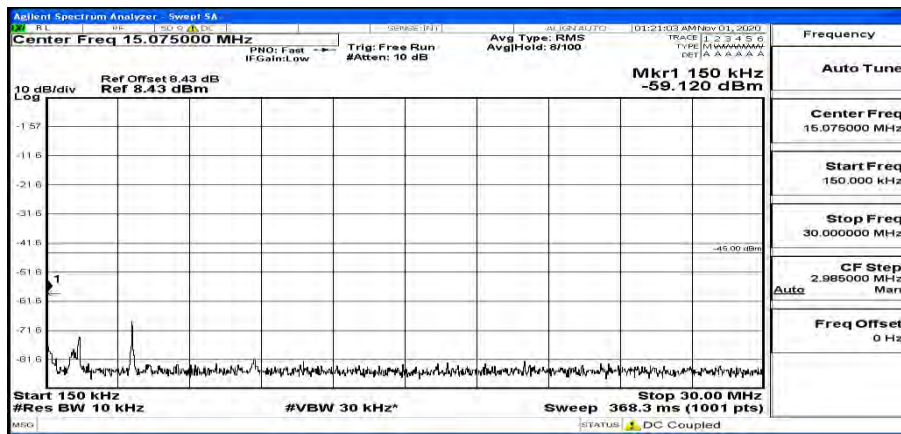


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#49

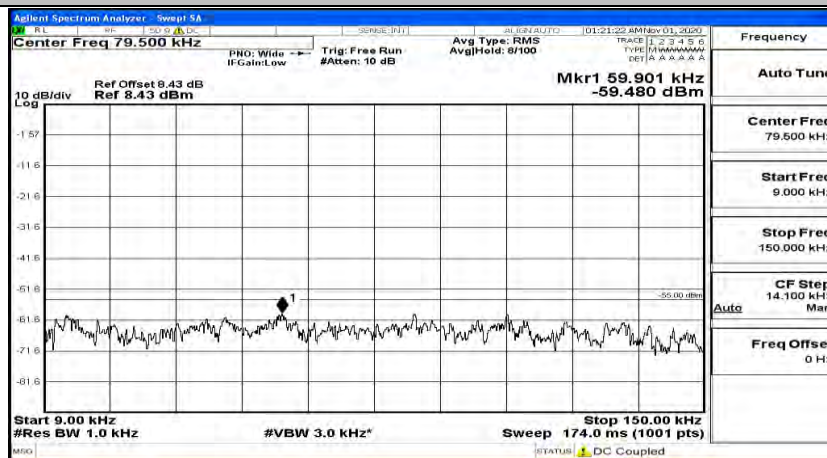


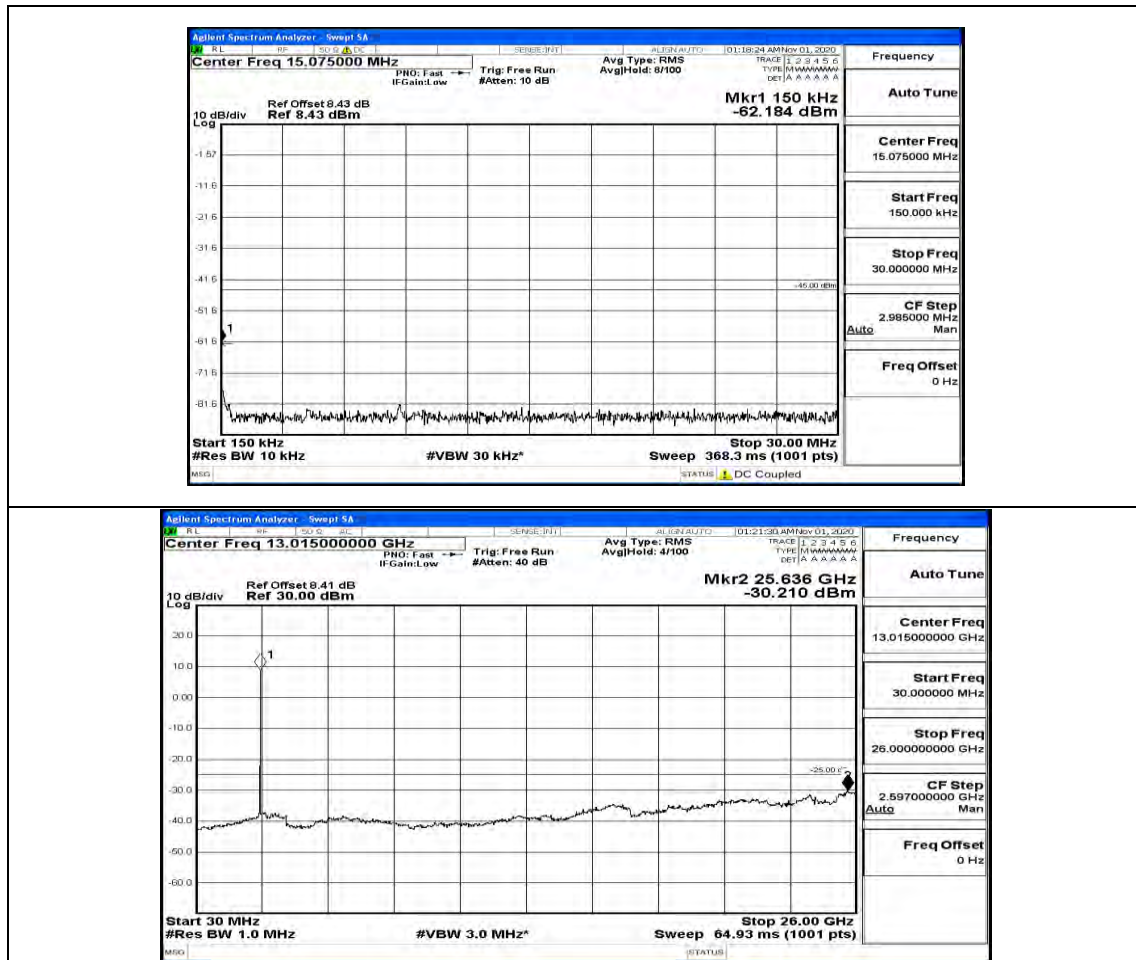
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0





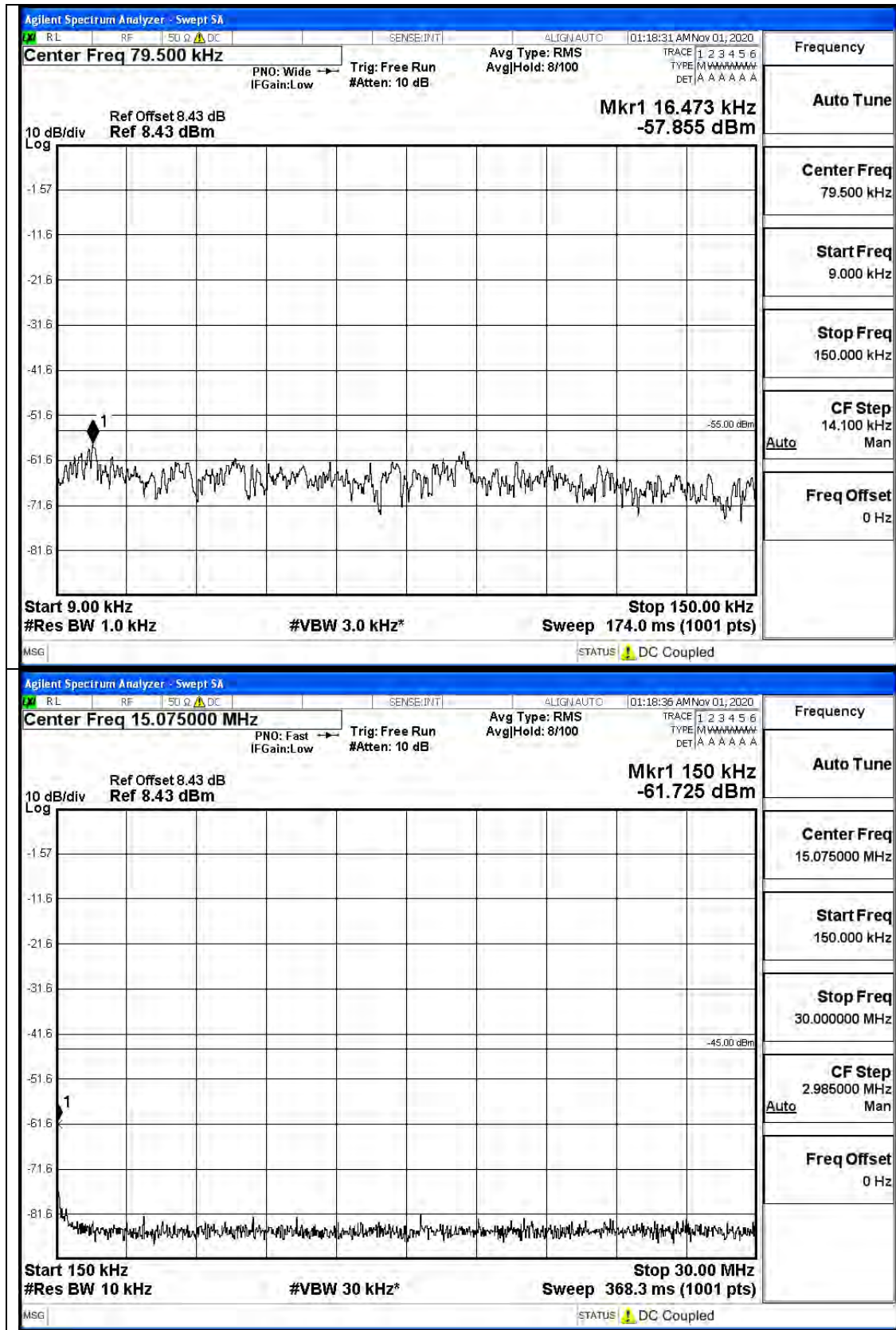
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49

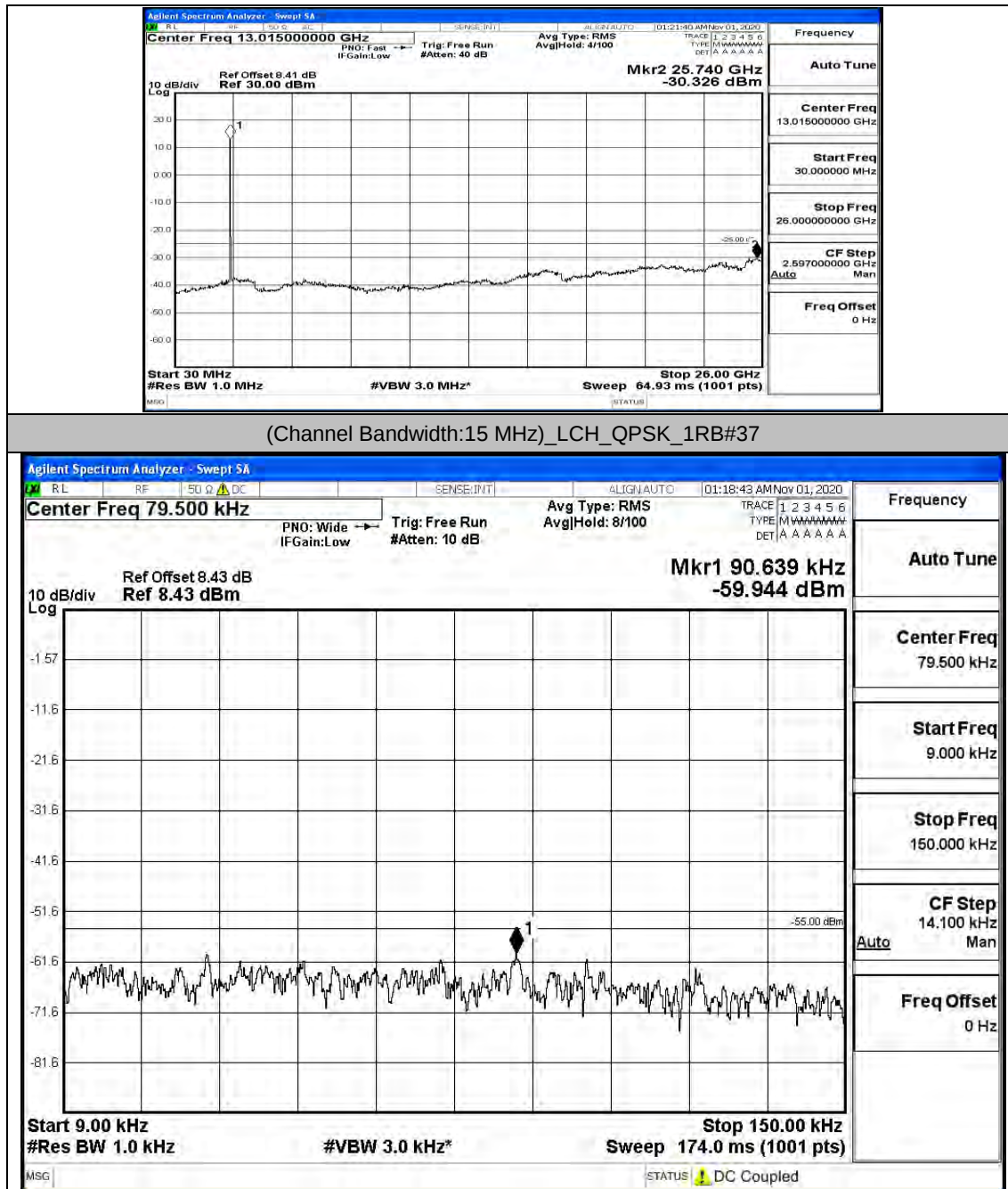


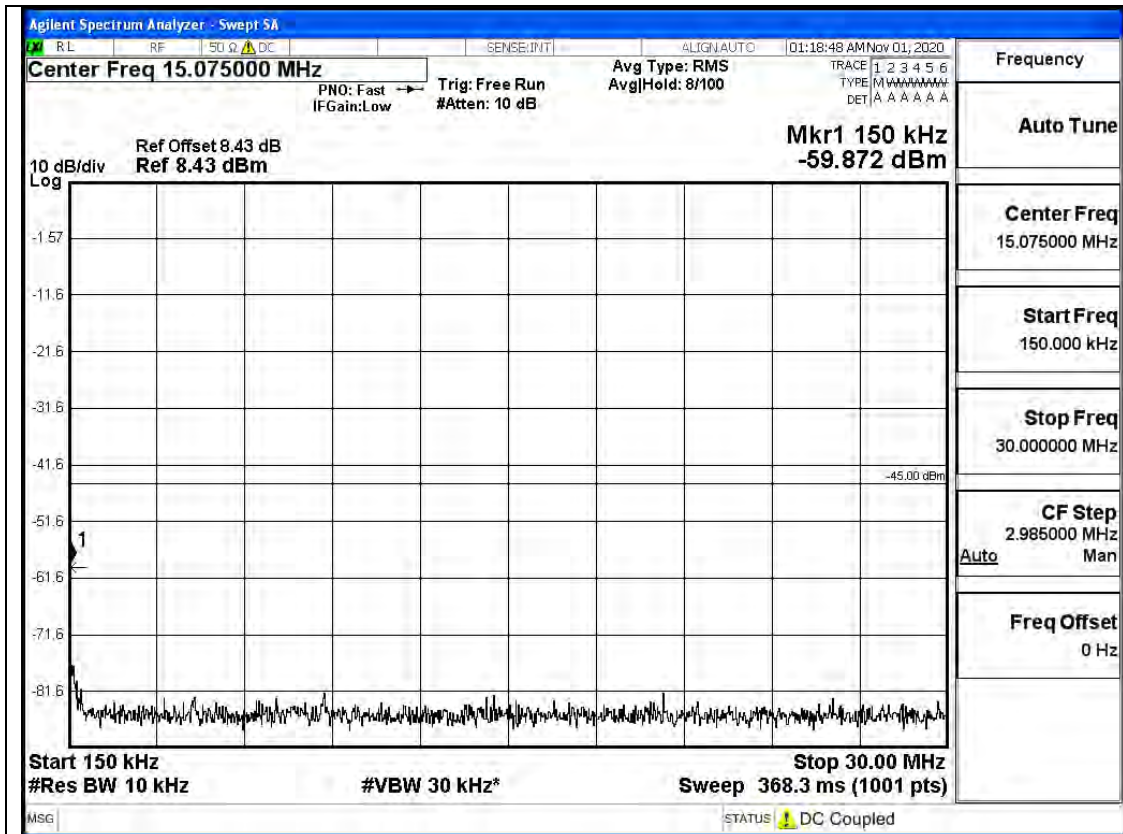


Channel Bandwidth: 15 MHz

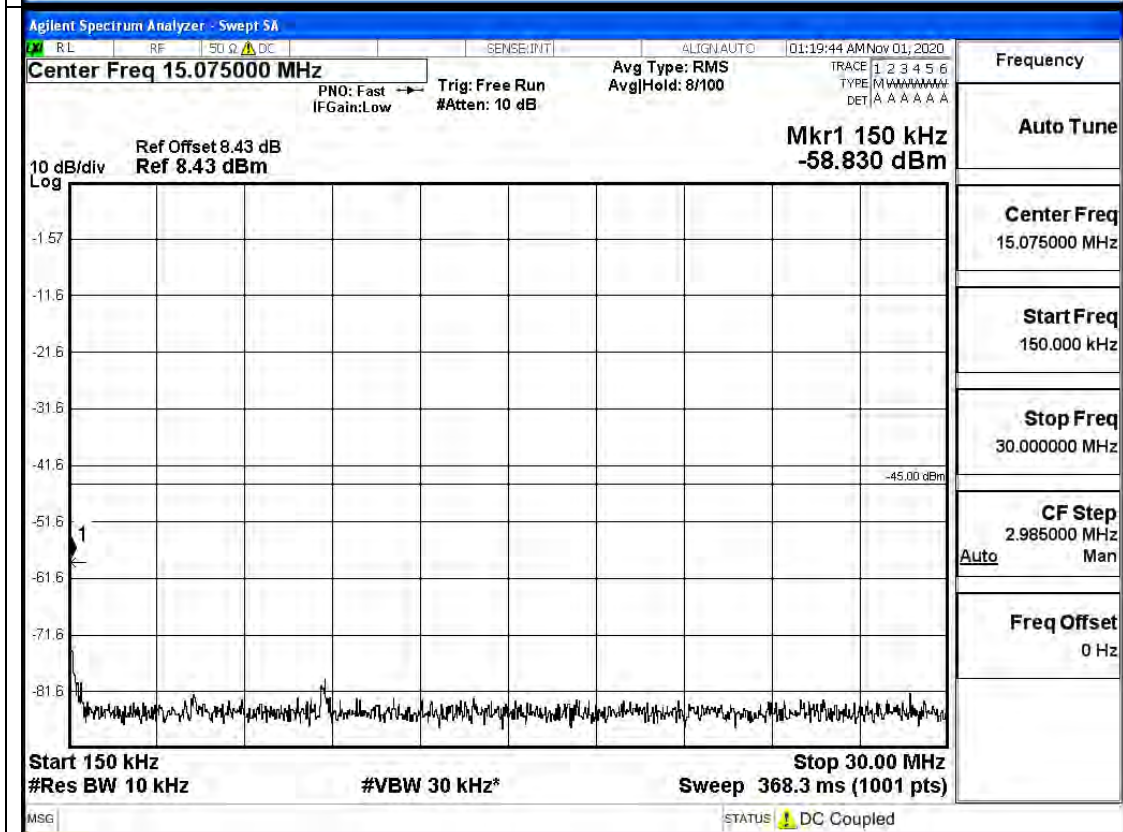
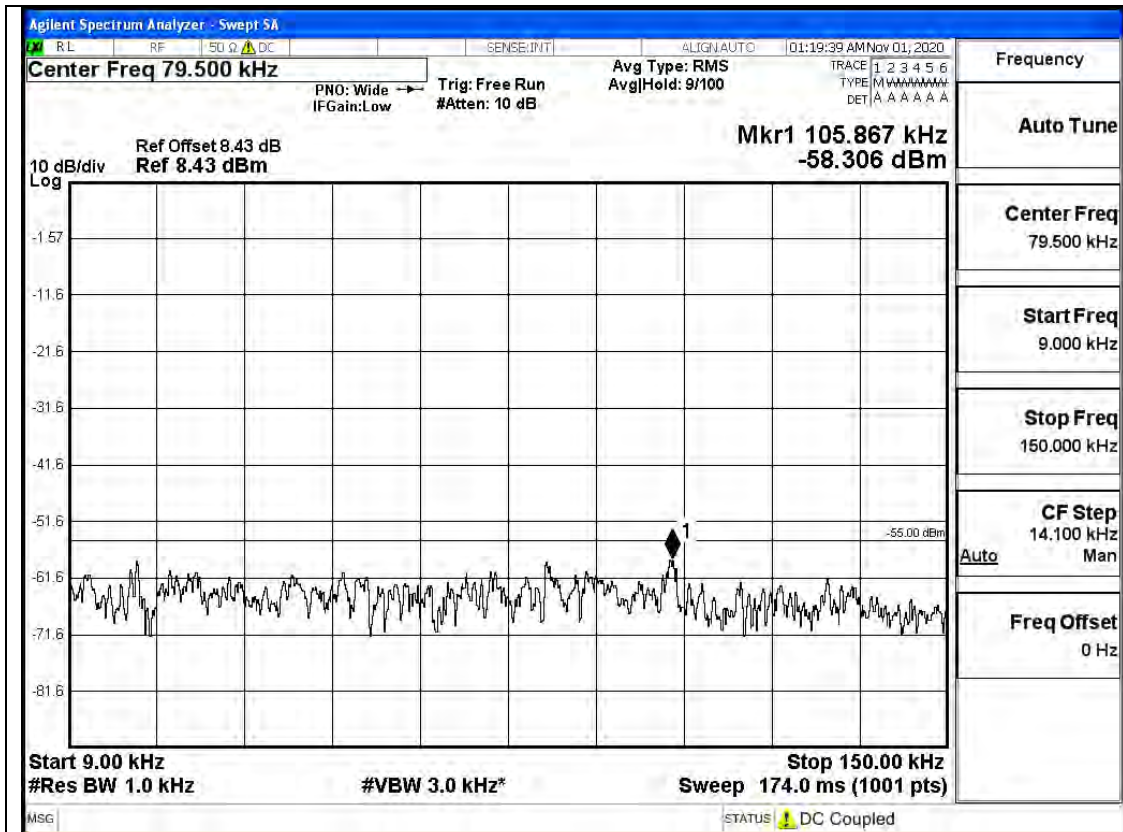
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0





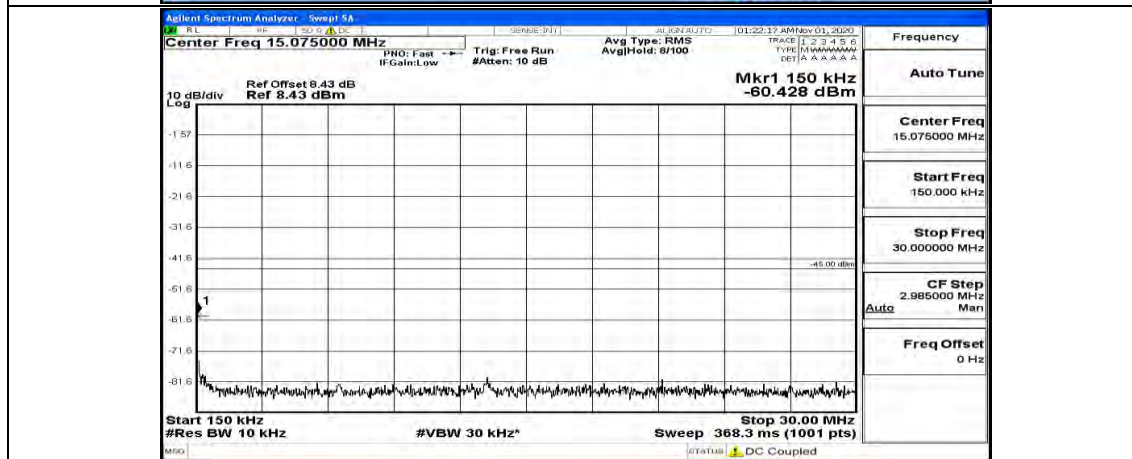
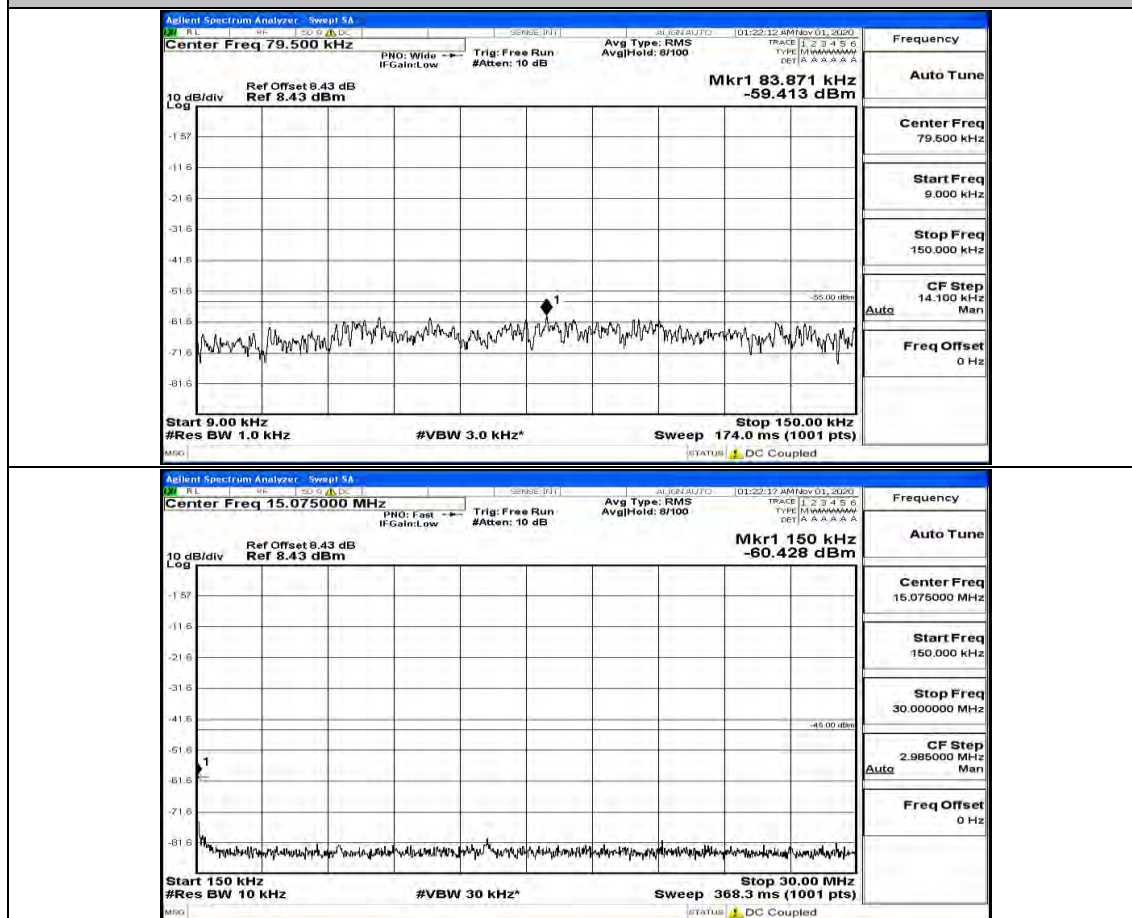


(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



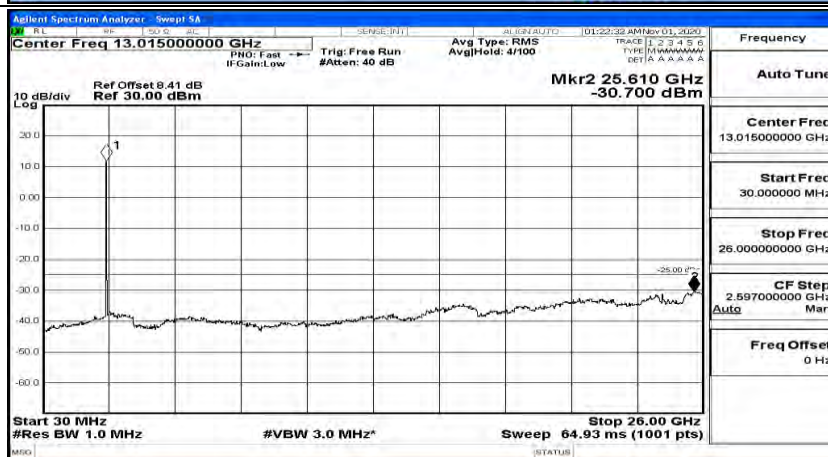
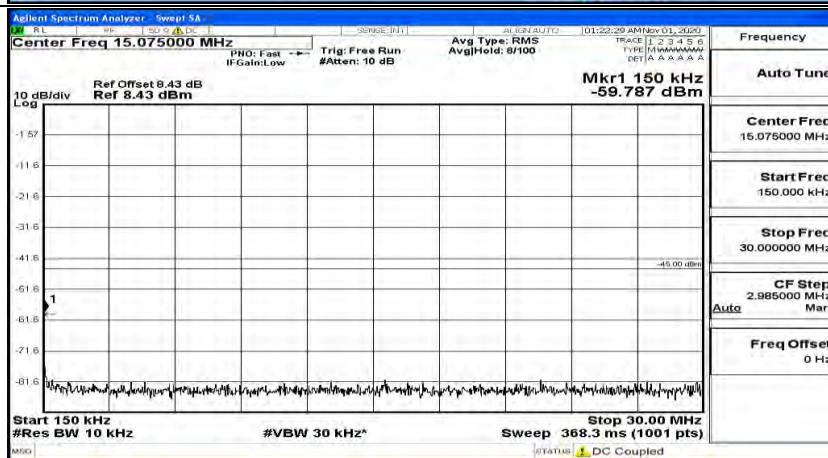
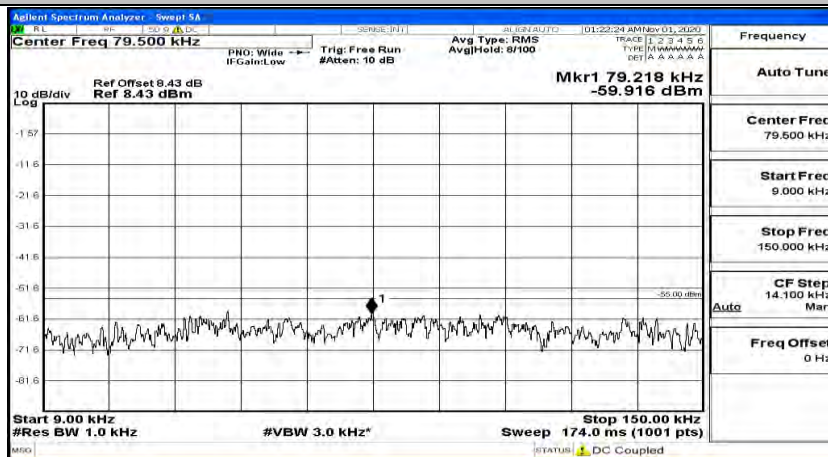


(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

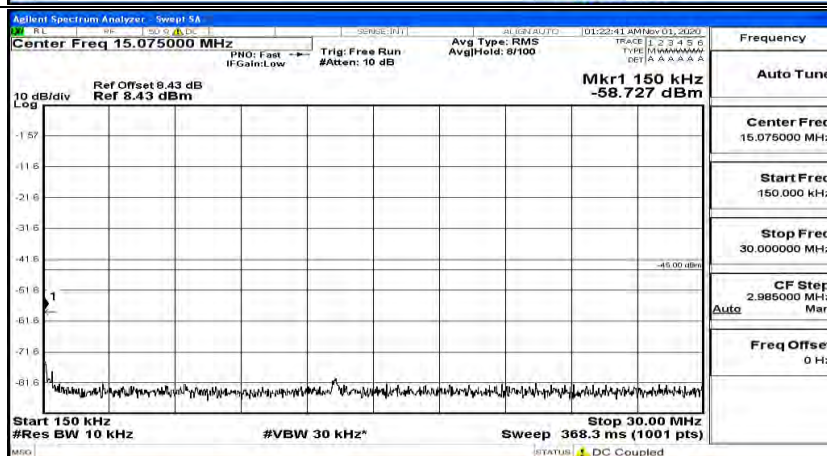
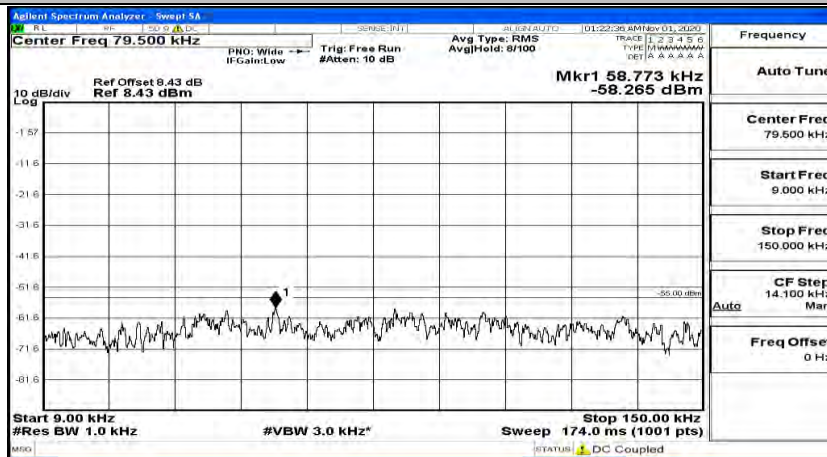




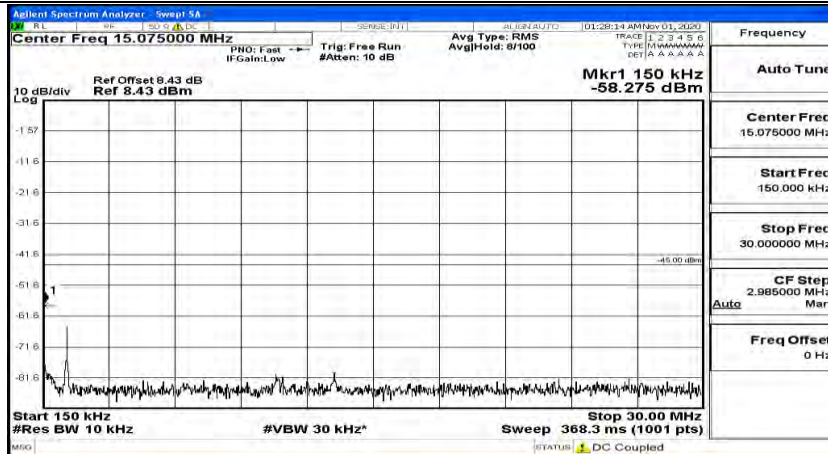
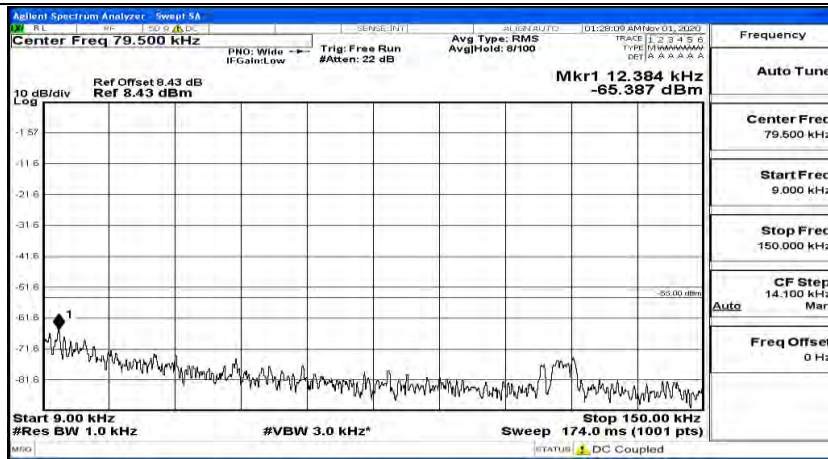
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37



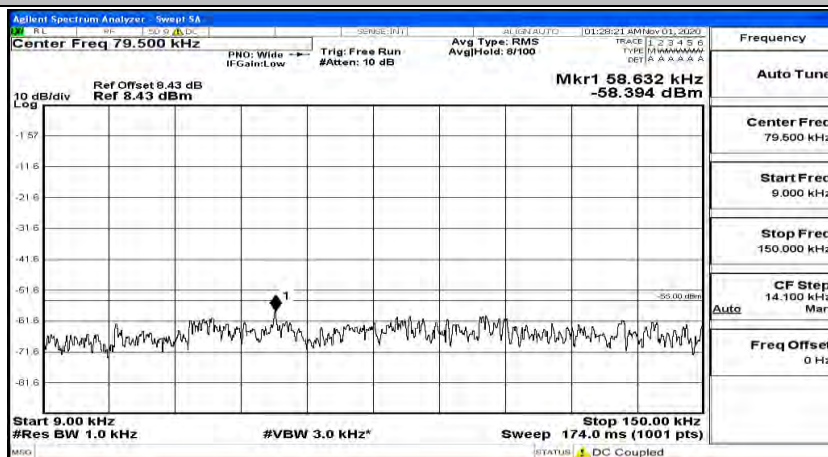
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74

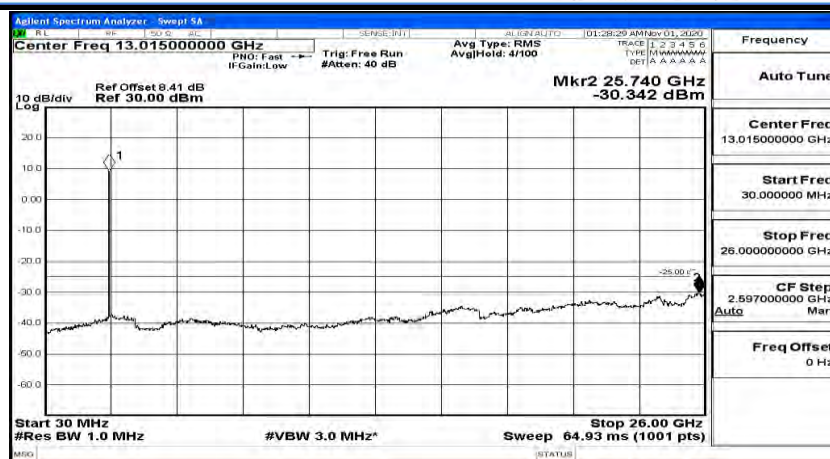
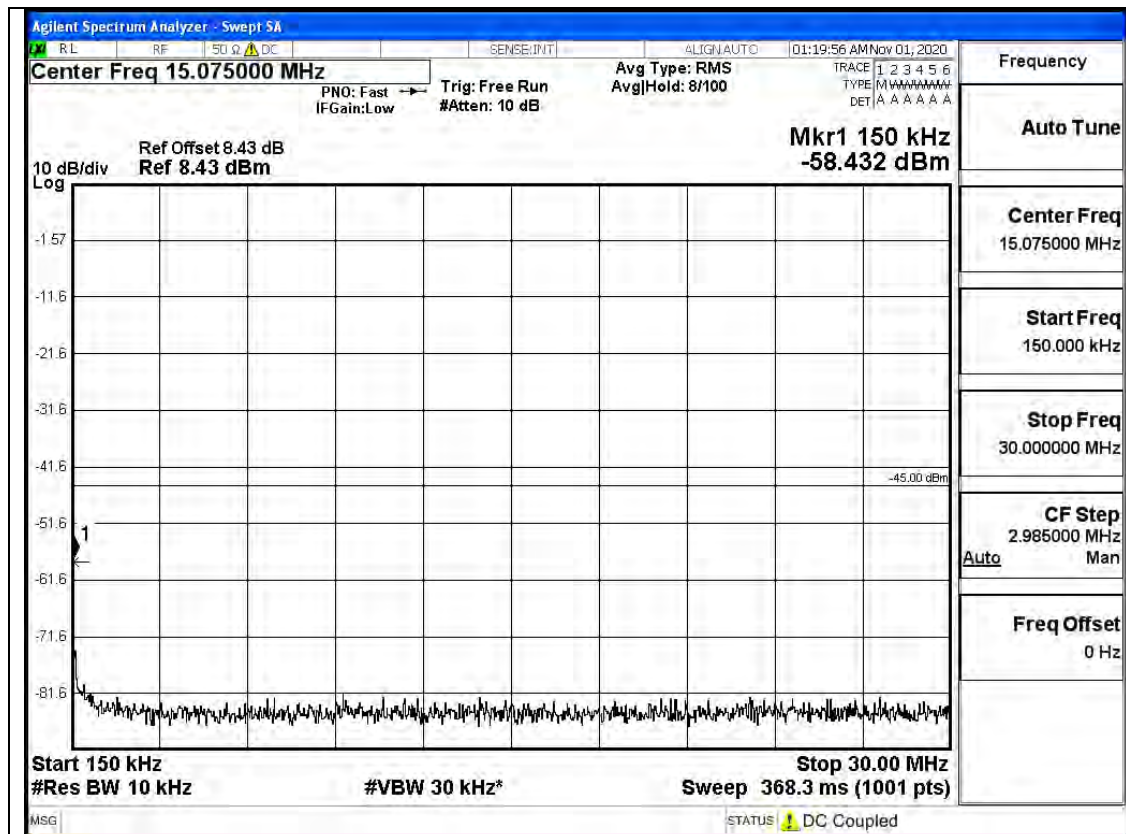


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

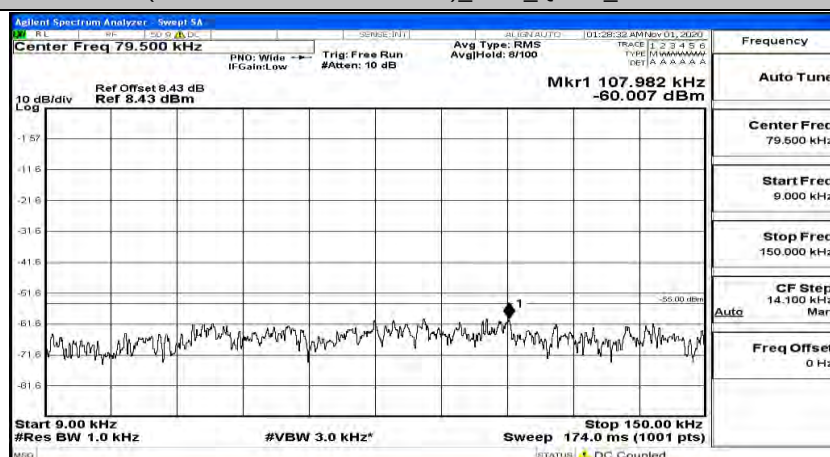


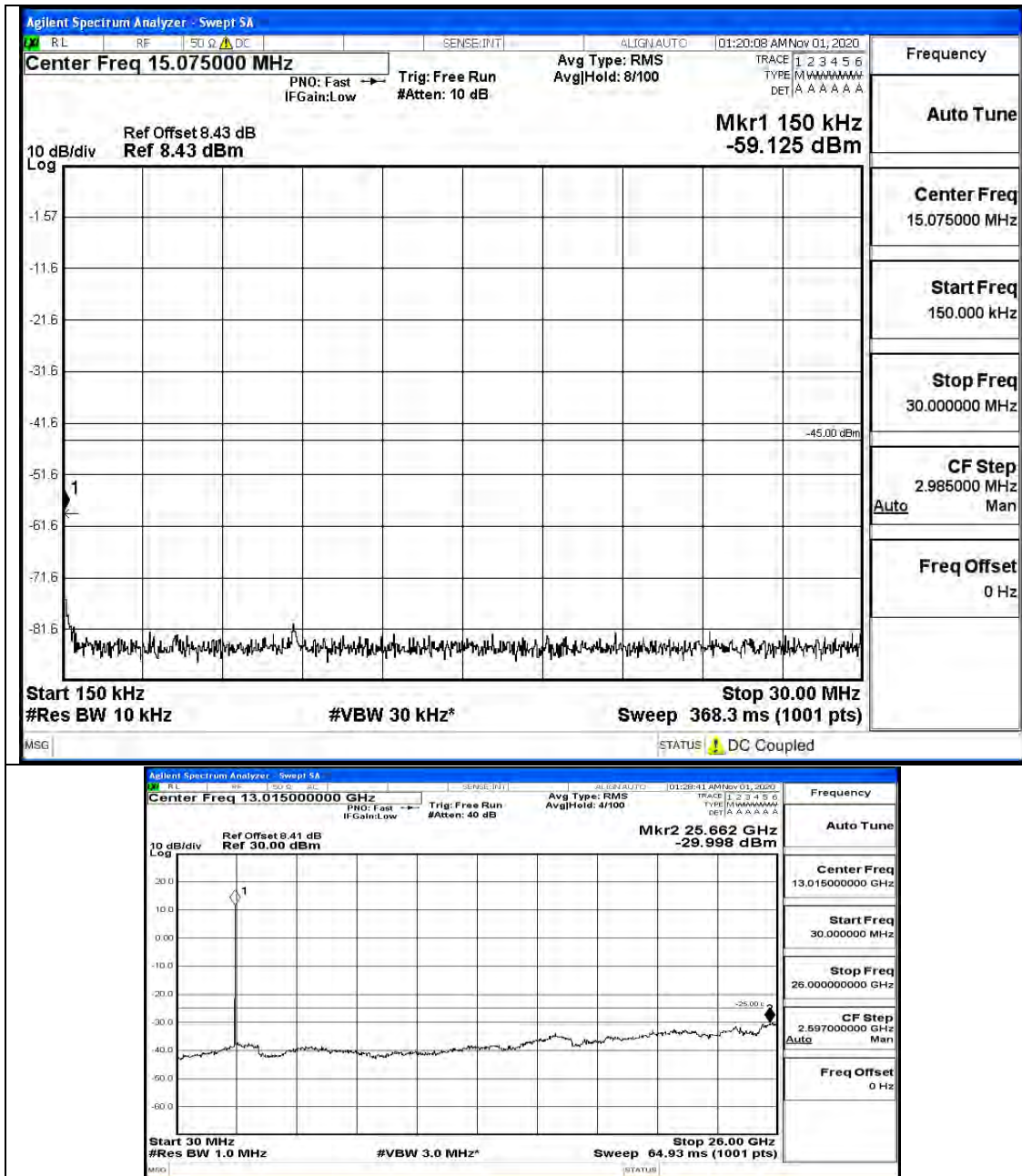
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



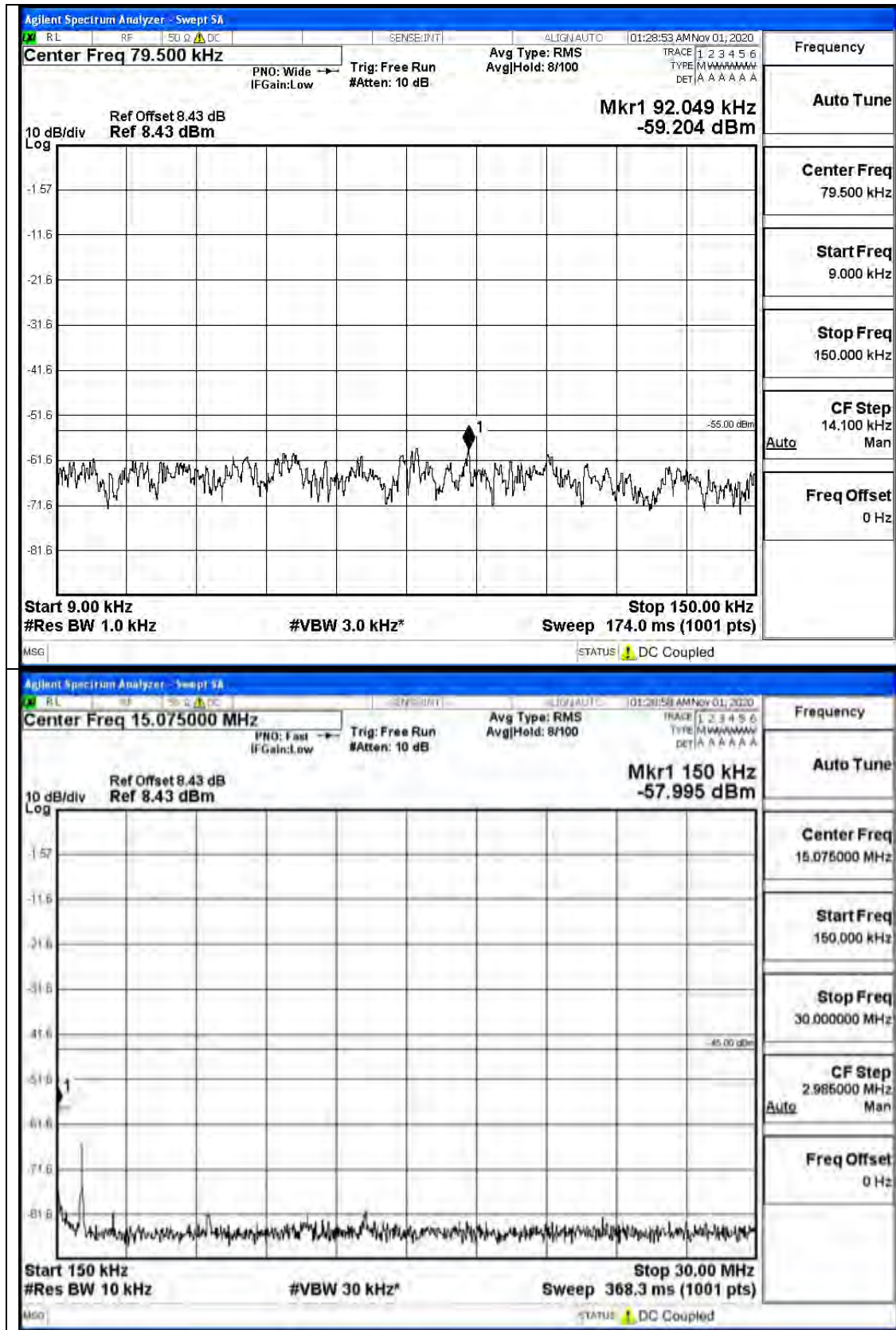


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



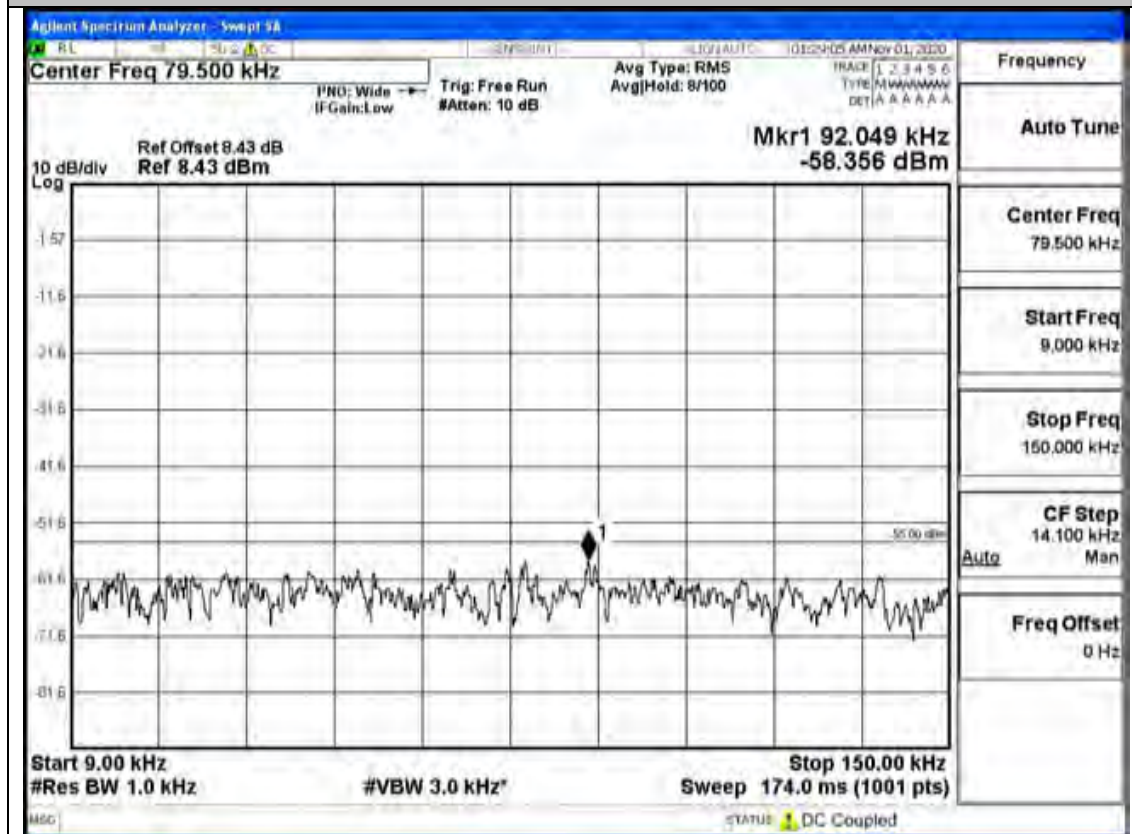


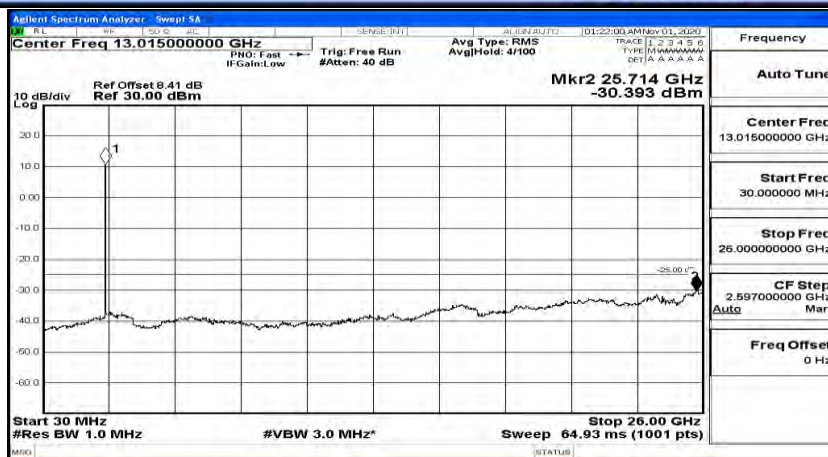
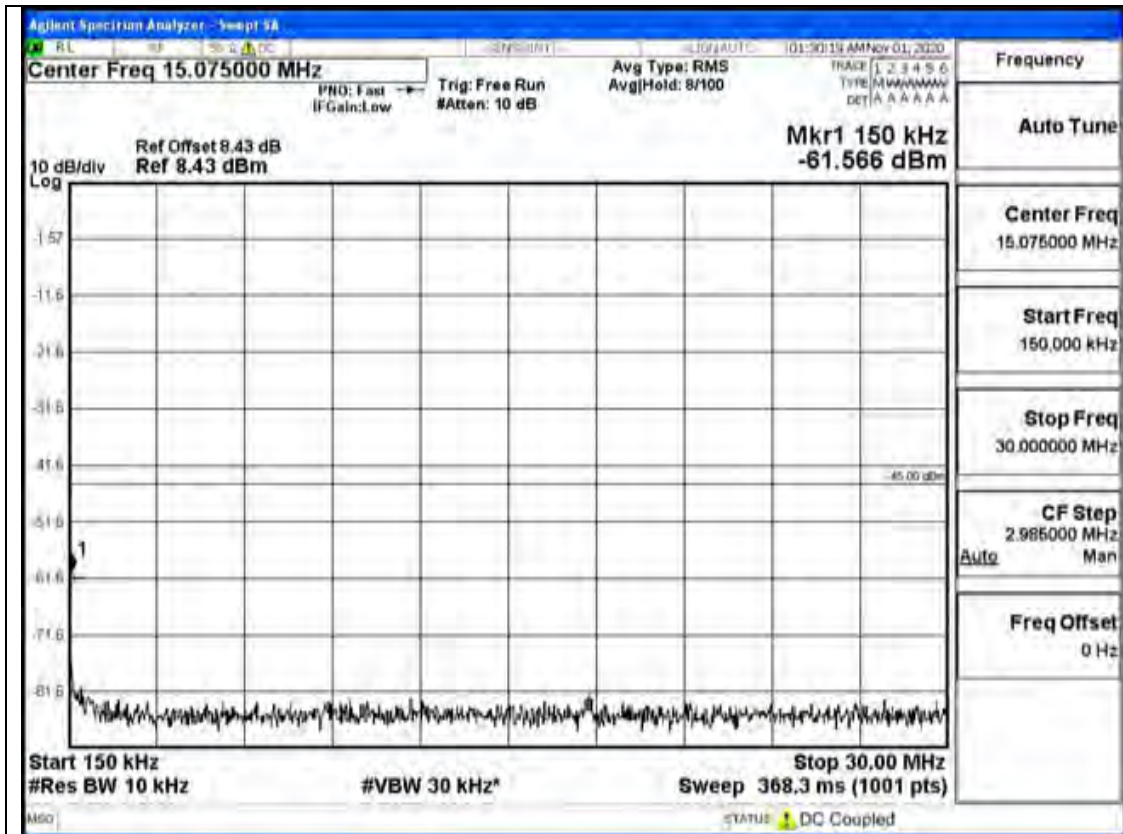
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



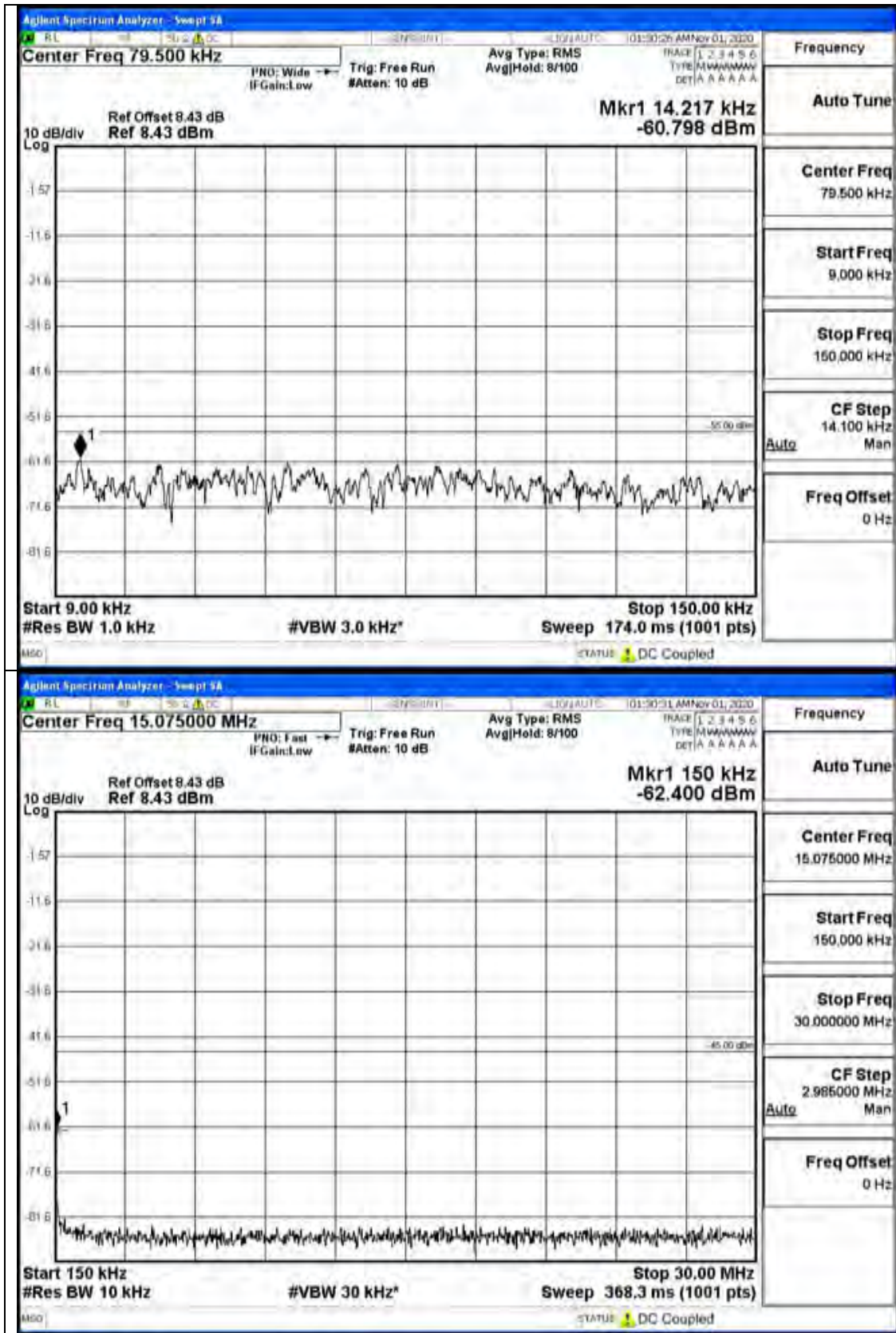


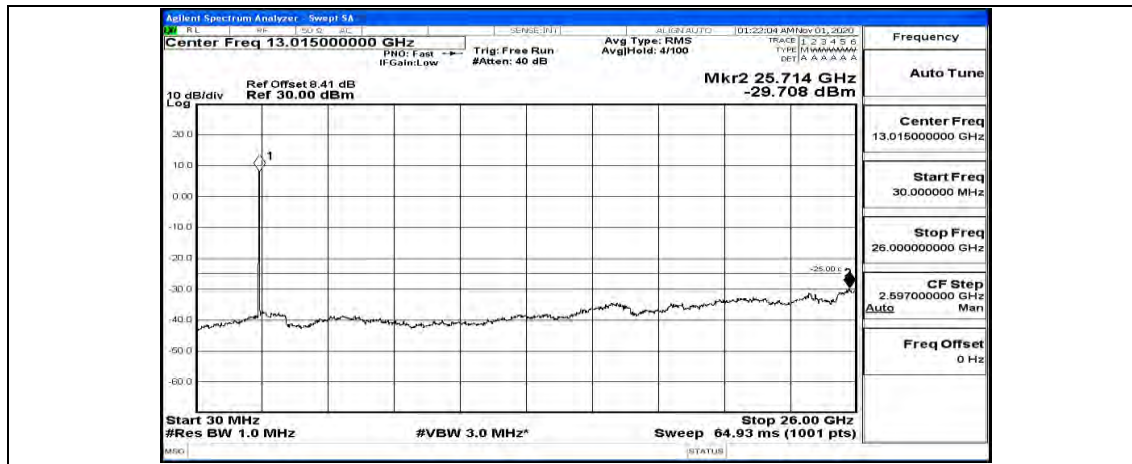
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



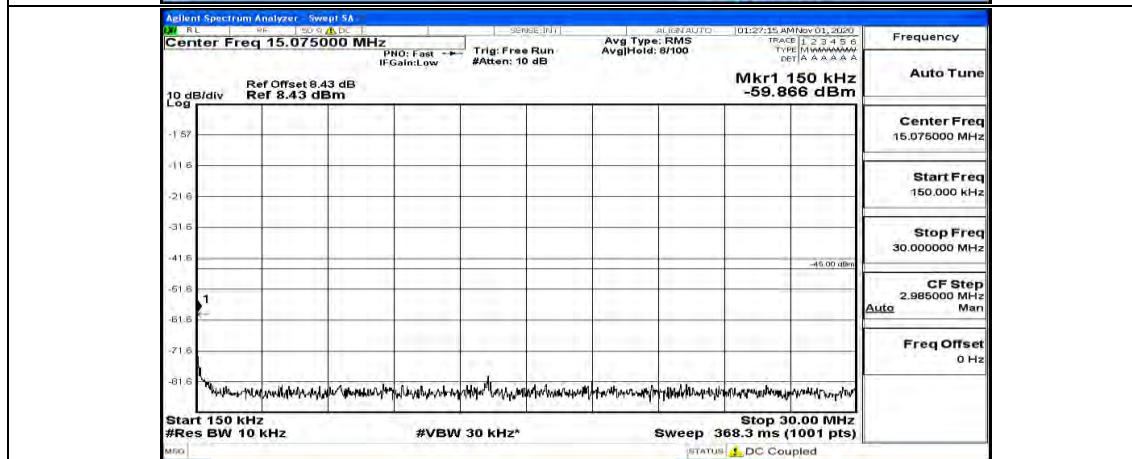
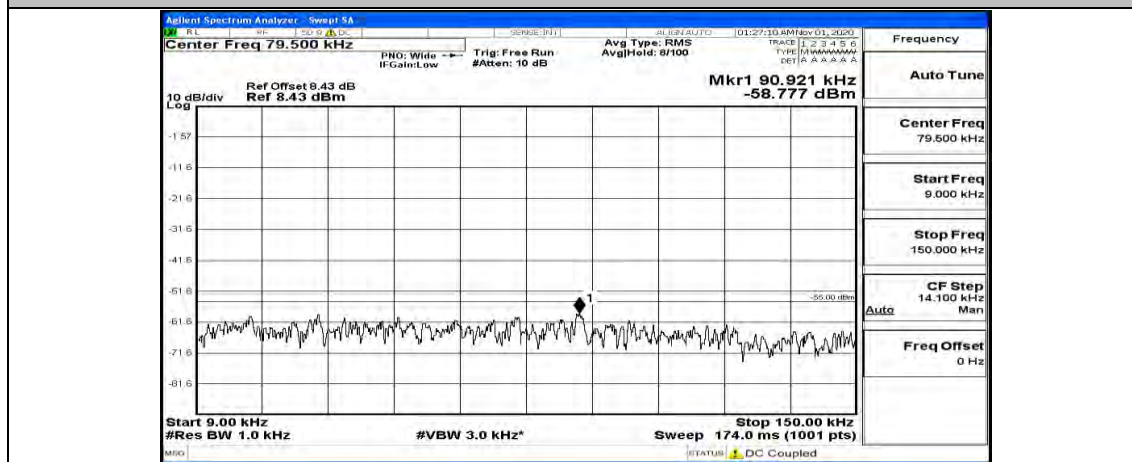


(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



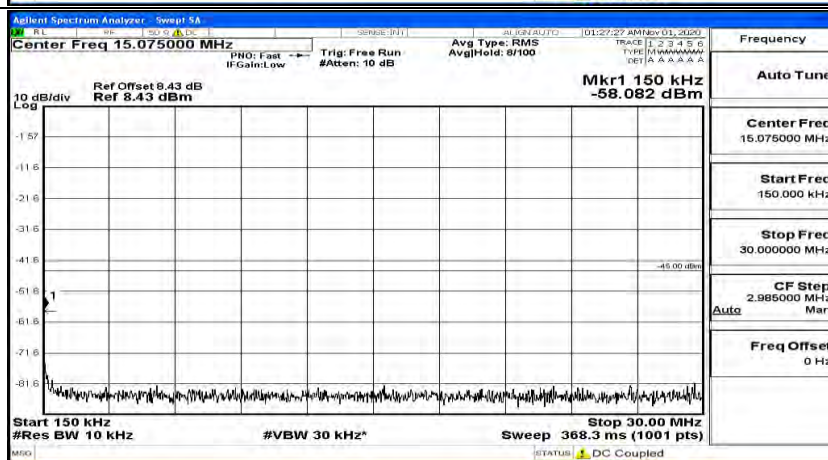
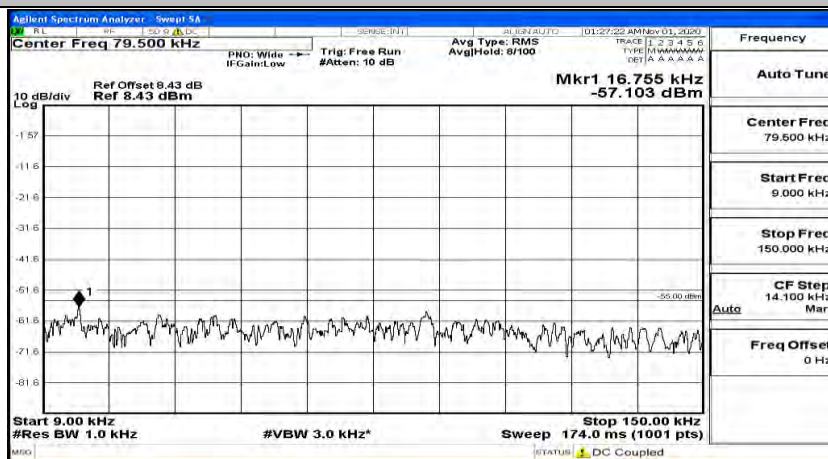


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0



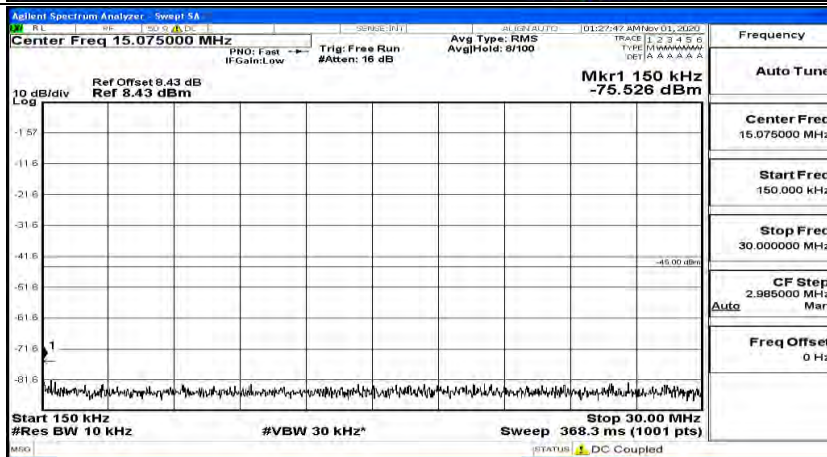
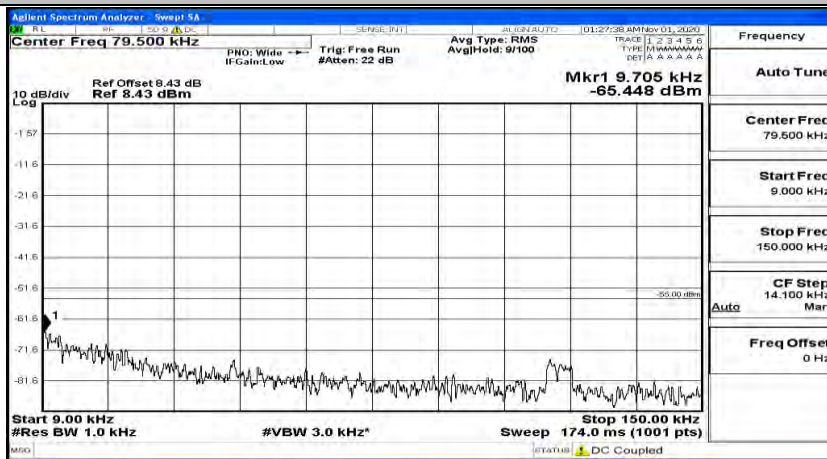


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

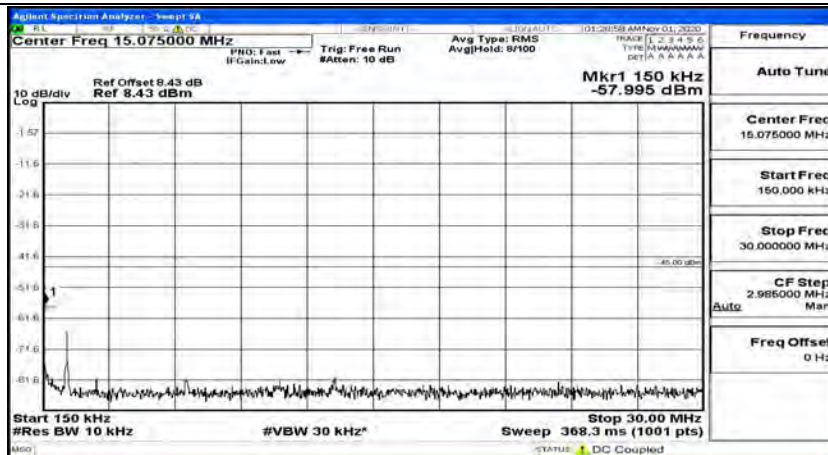




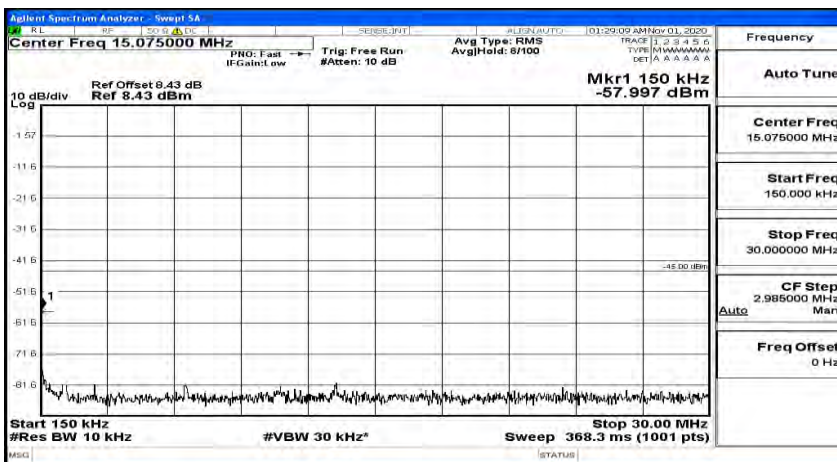
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74