

Appendix E: Test Data for E-UTRA Band 7

Product Name: GNSS RECEIVER

Trade Mark: SOUTH, KOLIDA, SANDING, RUIDE, TIANYU

Test Model: NET S9

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

E.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	21.14	20.47	PASS
		1	12	20.97	20.37	PASS
		1	24	20.77	20.18	PASS
		12	0	20.32	19.29	PASS
		12	6	20.31	19.35	PASS
		12	13	20.04	19.10	PASS
		25	0	20.19	19.19	PASS
	MCH	1	0	22.62	21.15	PASS
		1	12	22.68	21.21	PASS
		1	24	22.68	21.24	PASS
		12	0	21.47	20.50	PASS
		12	6	21.46	20.50	PASS
		12	13	21.56	20.62	PASS
		25	0	21.55	20.66	PASS
	HCH	1	0	21.64	20.12	PASS
		1	12	21.71	20.20	PASS
		1	24	21.72	20.22	PASS
		12	0	20.61	19.74	PASS
		12	6	20.58	19.78	PASS
		12	13	20.71	19.79	PASS
		25	0	20.74	19.93	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	21.14	20.14	PASS
		1	24	20.84	19.79	PASS
		1	49	20.64	19.48	PASS
		25	0	20.20	19.21	PASS
		25	12	20.20	19.21	PASS
		25	25	19.89	18.87	PASS
		50	0	19.90	19.09	PASS
	MCH	1	0	22.38	21.10	PASS
		1	24	22.64	21.30	PASS
		1	49	22.45	21.23	PASS
		25	0	21.43	20.63	PASS
		25	12	21.43	20.64	PASS
		25	25	21.66	20.76	PASS
		50	0	21.52	20.62	PASS
	HCH	1	0	21.33	20.91	PASS
		1	24	21.53	21.21	PASS
		1	49	21.61	21.29	PASS
		25	0	20.61	19.71	PASS
		25	12	20.61	19.69	PASS
		25	25	20.77	19.86	PASS
		50	0	20.59	19.73	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	21.14	20.28	PASS
		1	37	20.78	19.83	PASS
		1	74	20.45	19.68	PASS
		37	0	19.94	19.93	PASS
		37	18	19.94	19.93	PASS
		37	38	19.94	19.93	PASS
		75	0	19.94	18.88	PASS
	MCH	1	0	21.97	21.24	PASS
		1	37	22.50	21.80	PASS
		1	74	22.30	21.64	PASS
		37	0	21.44	21.48	PASS
		37	18	21.46	21.42	PASS
		37	38	21.41	21.52	PASS
		75	0	21.48	20.58	PASS
	HCH	1	0	21.30	20.93	PASS
		1	37	21.42	21.13	PASS
		1	74	21.63	21.28	PASS
		37	0	20.58	20.58	PASS
		37	18	20.58	20.58	PASS
		37	38	20.58	20.58	PASS
		75	0	20.58	19.63	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	21.35	20.13	PASS
		1	49	20.77	19.49	PASS
		1	99	20.96	19.67	PASS
		50	0	20.00	19.08	PASS
		50	25	19.99	19.09	PASS
		50	50	19.58	18.85	PASS
		100	0	19.76	18.87	PASS
	MCH	1	0	21.80	21.24	PASS
		1	49	22.70	22.06	PASS
		1	99	22.20	21.65	PASS
		50	0	21.15	20.42	PASS
		50	25	21.28	20.43	PASS
		50	50	21.50	20.59	PASS
		100	0	21.41	20.55	PASS
	HCH	1	0	21.67	20.63	PASS
		1	49	21.54	20.45	PASS
		1	99	21.82	20.72	PASS
		50	0	20.35	19.54	PASS
		50	25	20.49	19.55	PASS
		50	50	20.62	19.82	PASS
		100	0	20.53	19.53	PASS

E.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	4.54	<13	PASS
	MCH	5.01	<13	PASS
	HCH	4.59	<13	PASS
16QAM	LCH	5.38	<13	PASS
	MCH	5.81	<13	PASS
	HCH	5.31	<13	PASS

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

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.87	<13	PASS
	MCH	5.04	<13	PASS
	HCH	4.59	<13	PASS
16QAM	LCH	5.58	<13	PASS
	MCH	5.81	<13	PASS
	HCH	5.46	<13	PASS

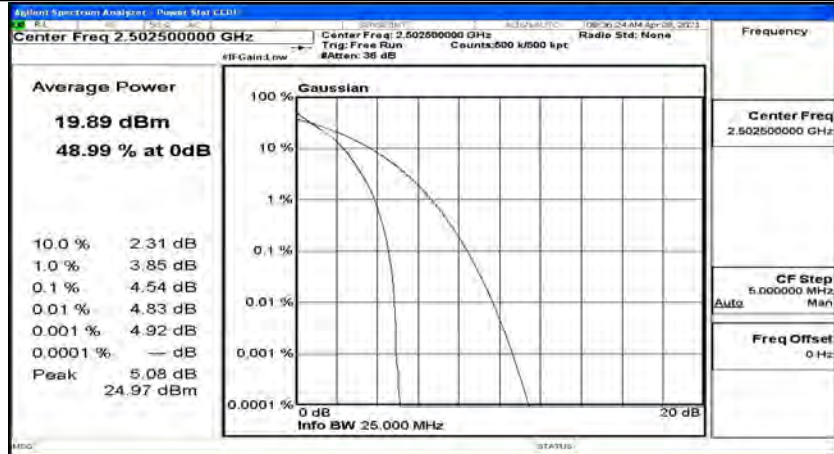
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.25	<13	PASS
	MCH	5.22	<13	PASS
	HCH	5.05	<13	PASS
16QAM	LCH	5.91	<13	PASS
	MCH	5.85	<13	PASS
	HCH	5.67	<13	PASS

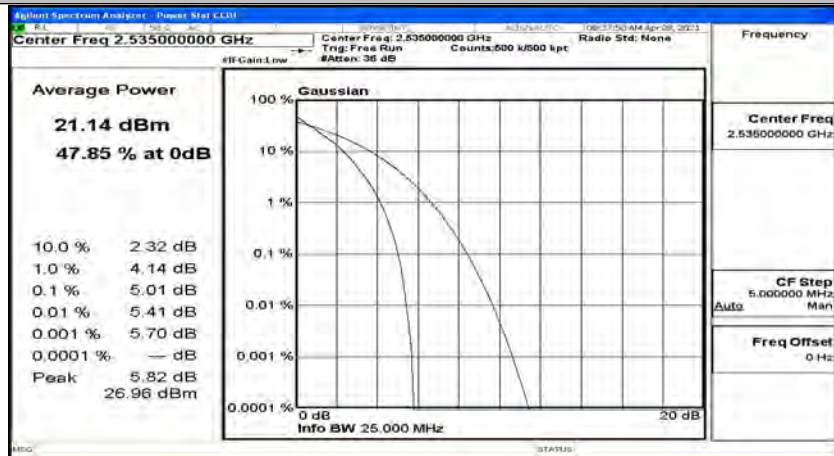
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.20	<13	PASS
	MCH	5.17	<13	PASS
	HCH	5.16	<13	PASS
16QAM	LCH	5.95	<13	PASS
	MCH	5.89	<13	PASS
	HCH	5.85	<13	PASS

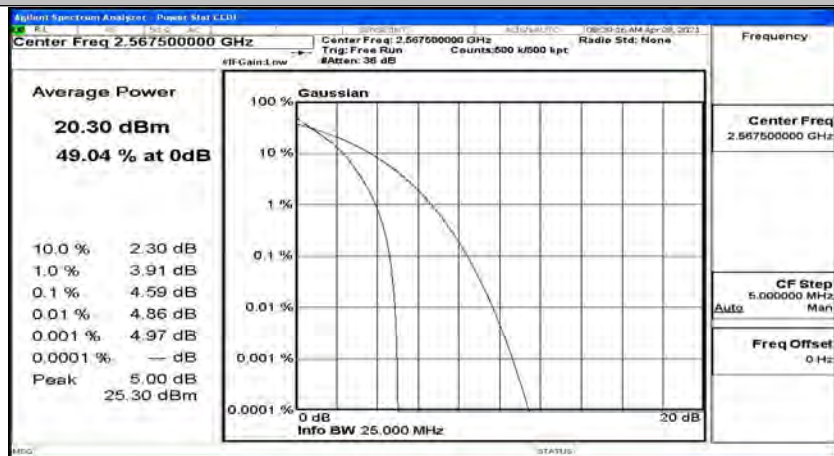
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



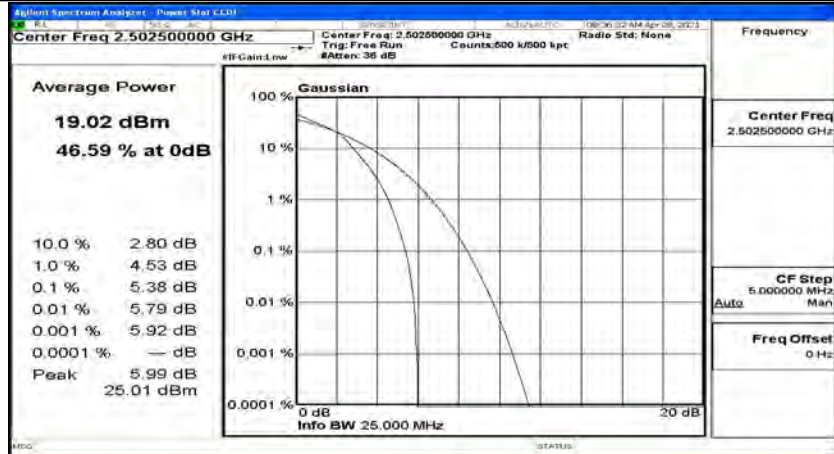
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



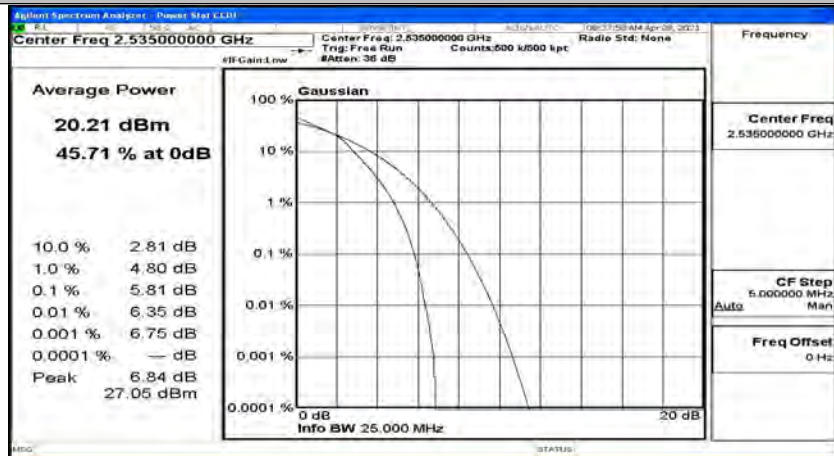
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



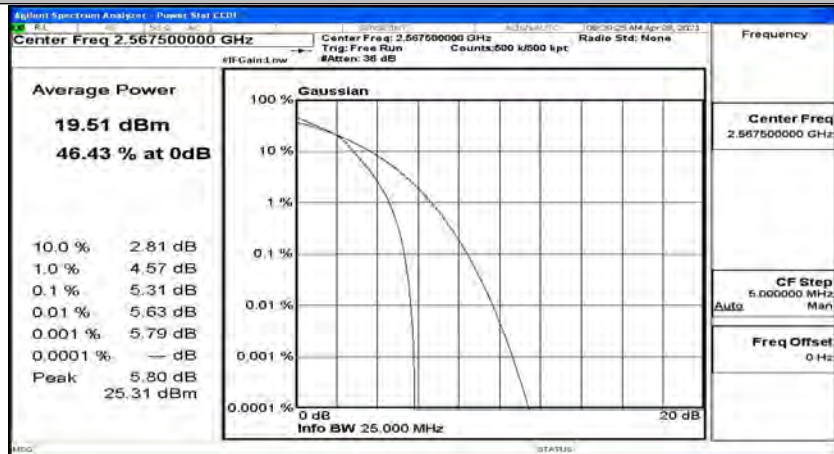
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



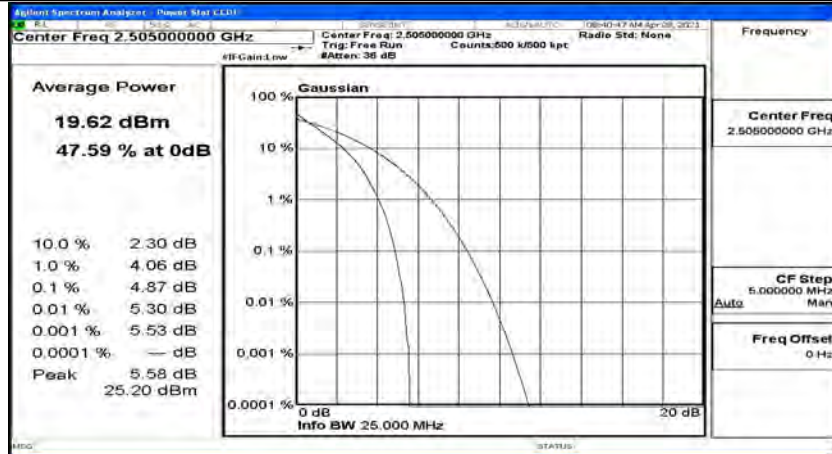
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



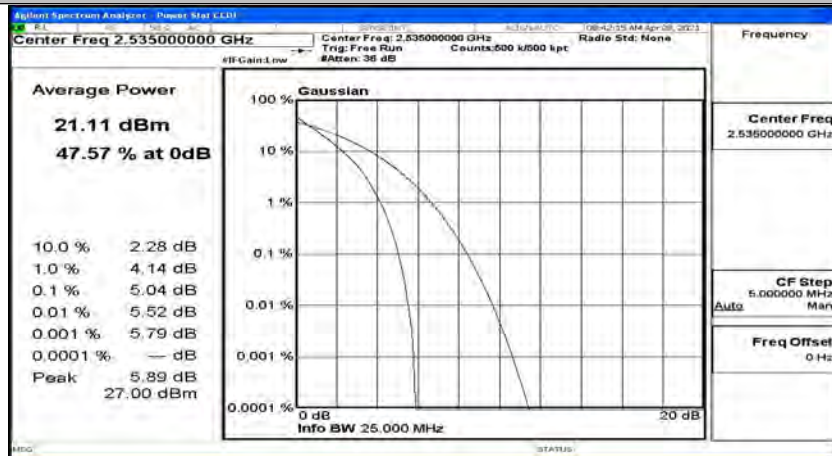
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



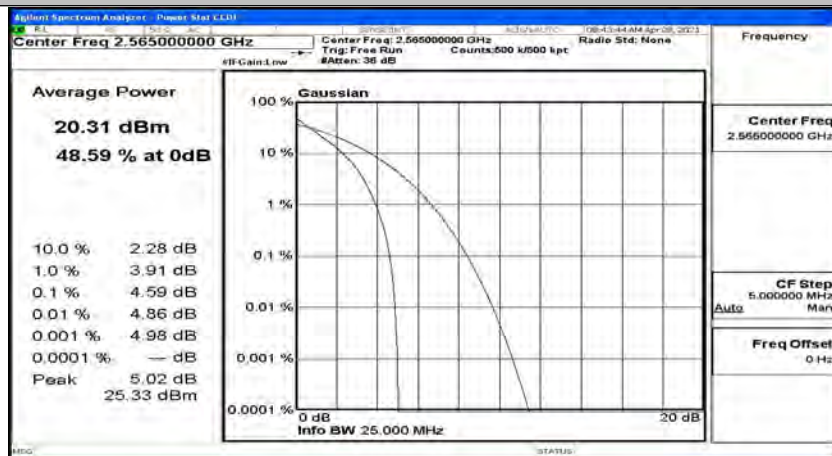
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



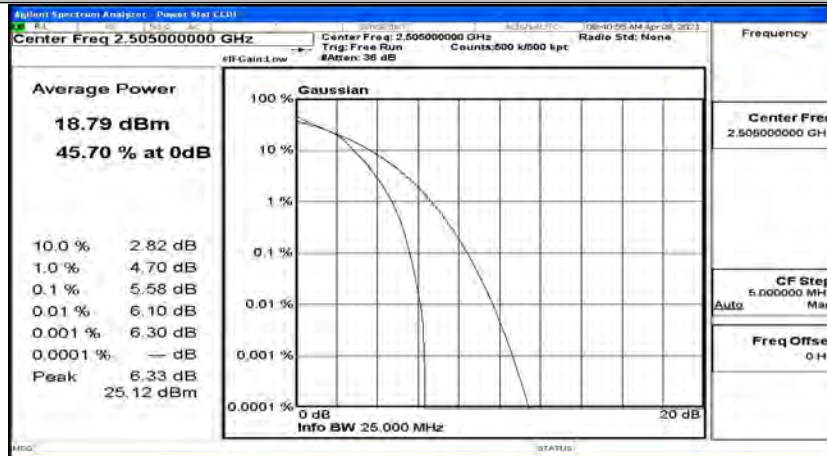
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



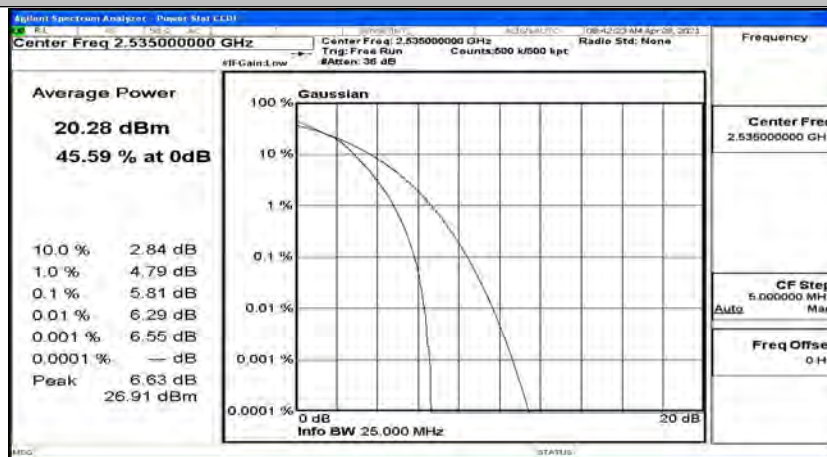
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



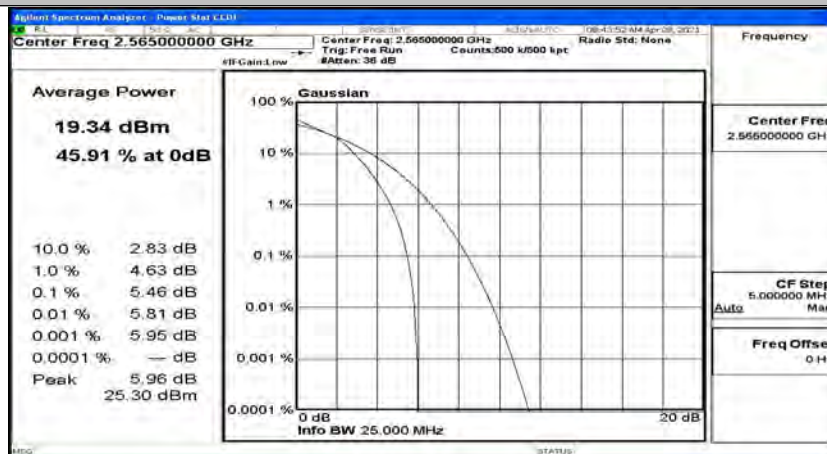
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



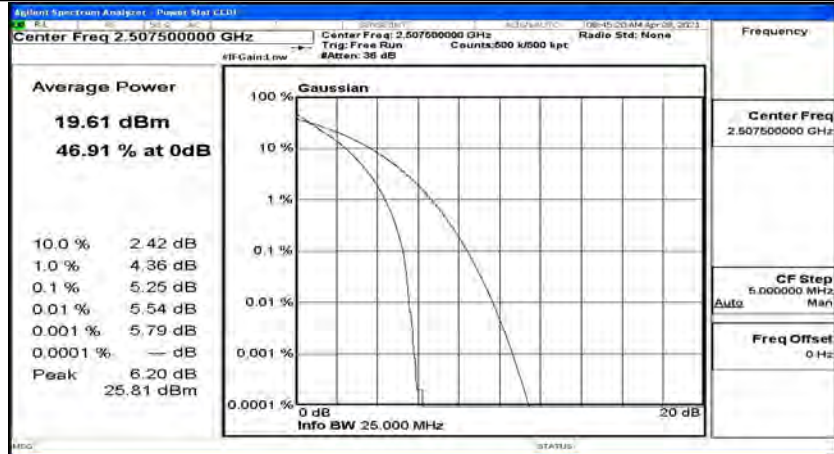
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



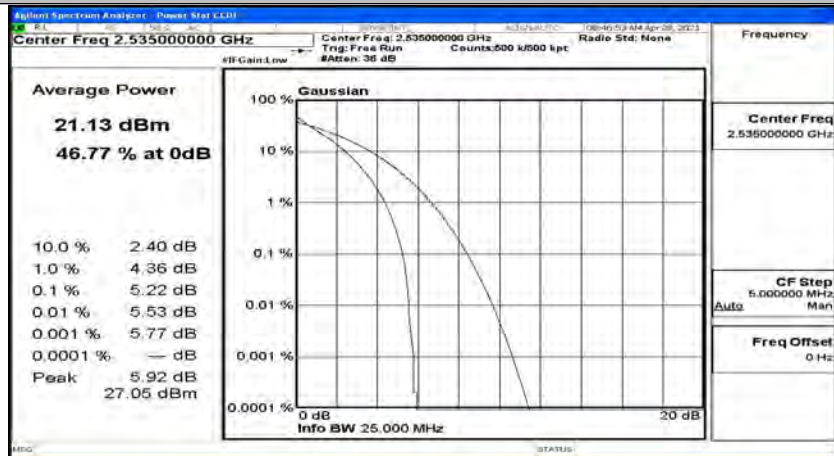
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



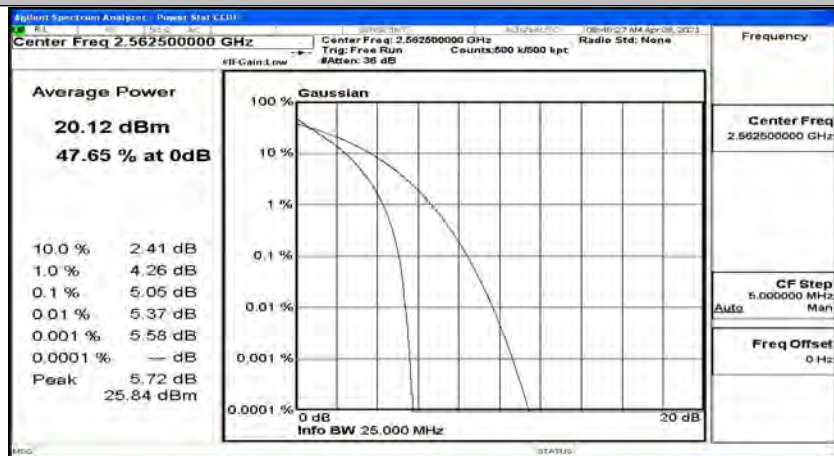
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



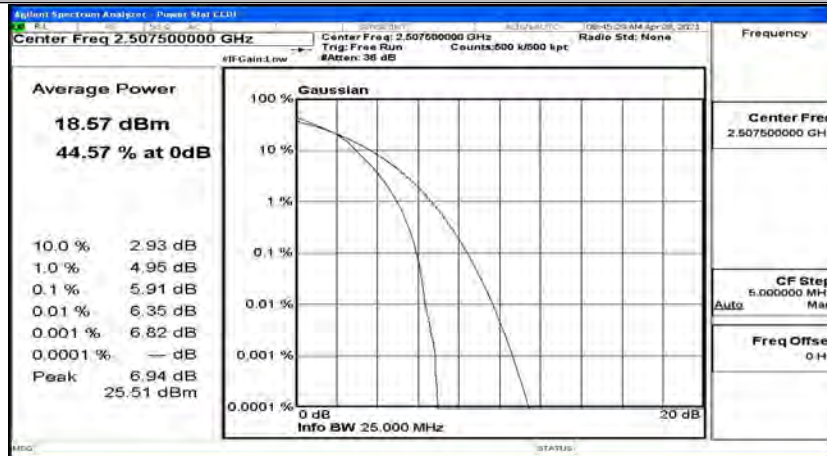
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



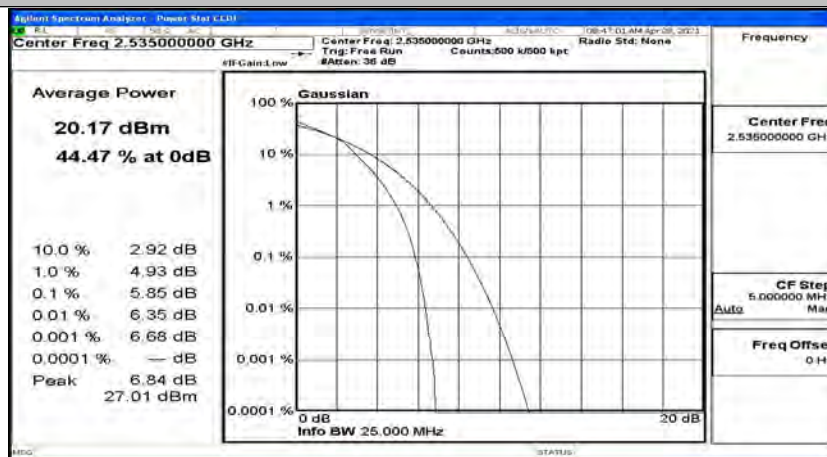
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



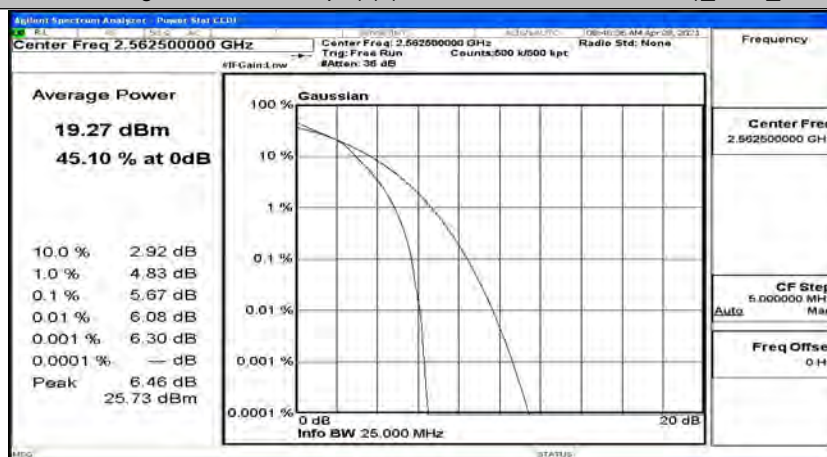
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



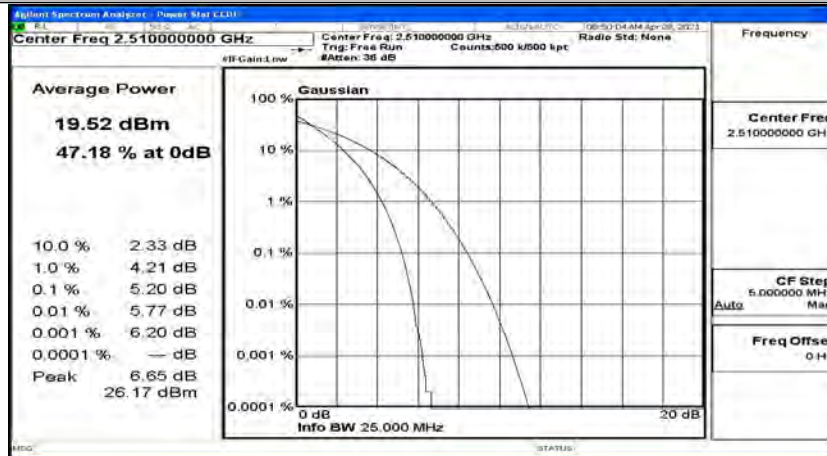
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



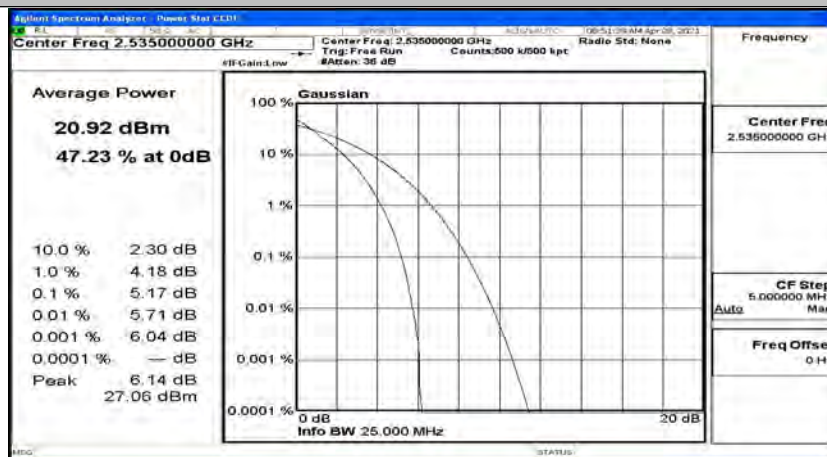
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



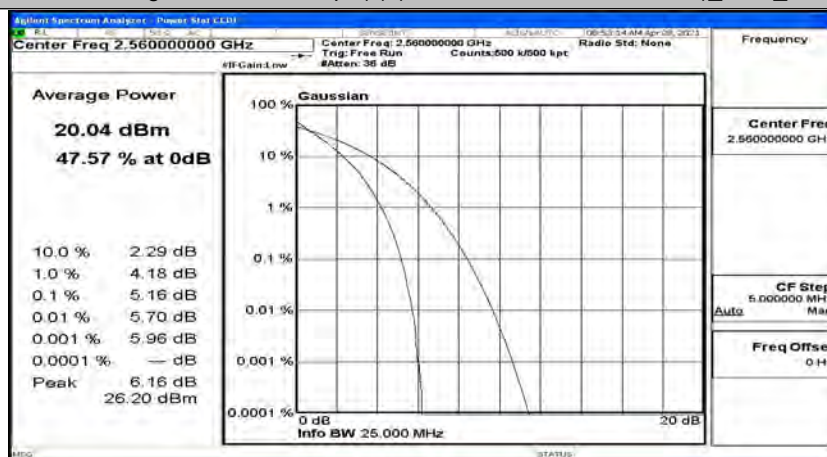
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



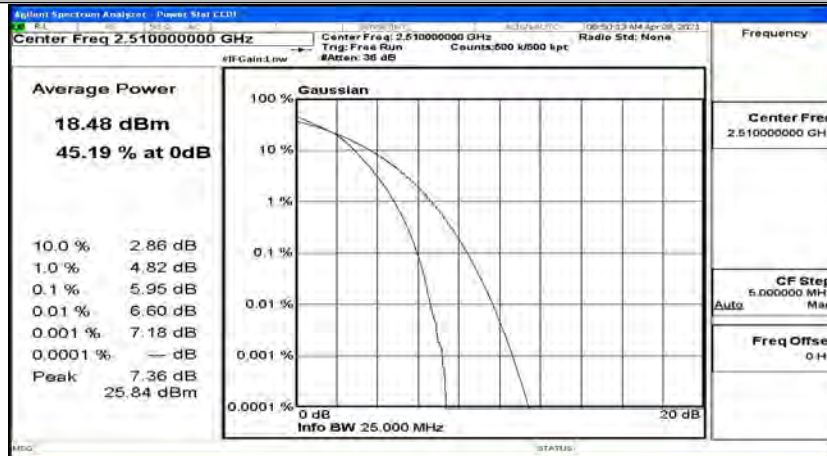
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



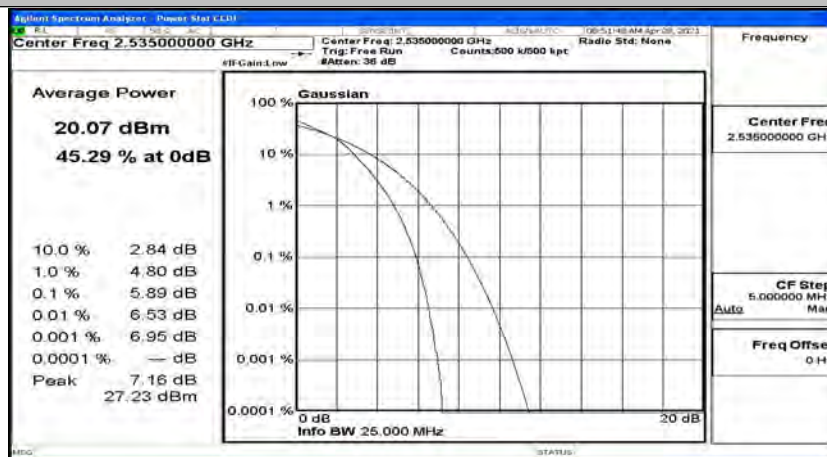
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



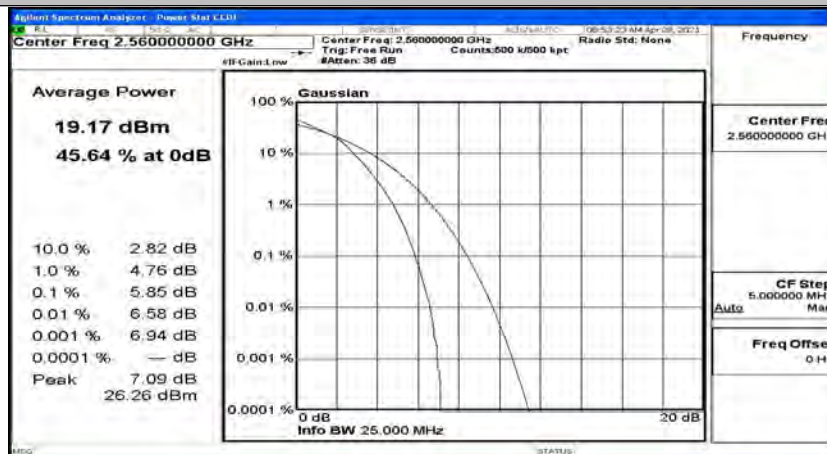
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



E.3 26dB Bandwidth and Occupied Bandwidth

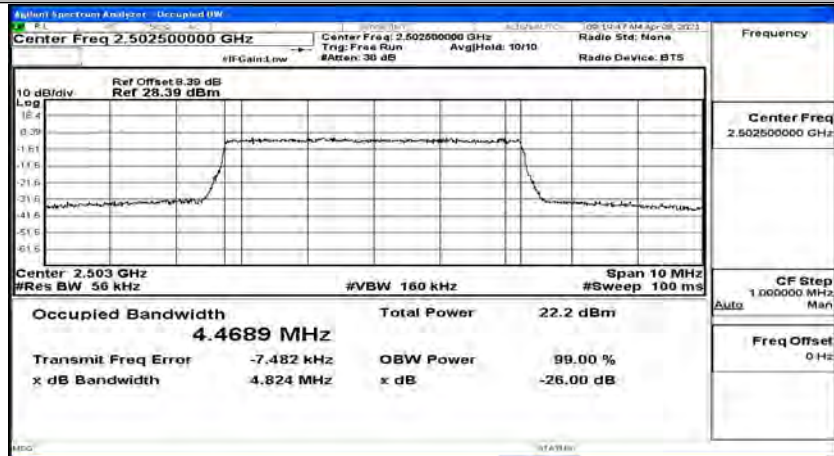
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4689	4.824	PASS
	MCH	4.4643	4.820	PASS
	HCH	4.4692	4.814	PASS
16QAM	LCH	4.4681	4.815	PASS
	MCH	4.4736	4.829	PASS
	HCH	4.4749	4.828	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9679	9.511	PASS
	MCH	8.9386	9.469	PASS
	HCH	8.9305	9.452	PASS
16QAM	LCH	8.9386	9.505	PASS
	MCH	8.9385	9.532	PASS
	HCH	8.9441	9.517	PASS

EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.420	14.06	PASS
	MCH	13.373	14.12	PASS
	HCH	13.407	14.11	PASS
16QAM	LCH	13.414	14.22	PASS
	MCH	13.386	14.05	PASS
	HCH	13.400	14.22	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.914	18.67	PASS
	MCH	17.836	18.78	PASS
	HCH	17.881	18.70	PASS
16QAM	LCH	17.890	18.70	PASS
	MCH	17.841	18.61	PASS
	HCH	17.888	18.80	PASS

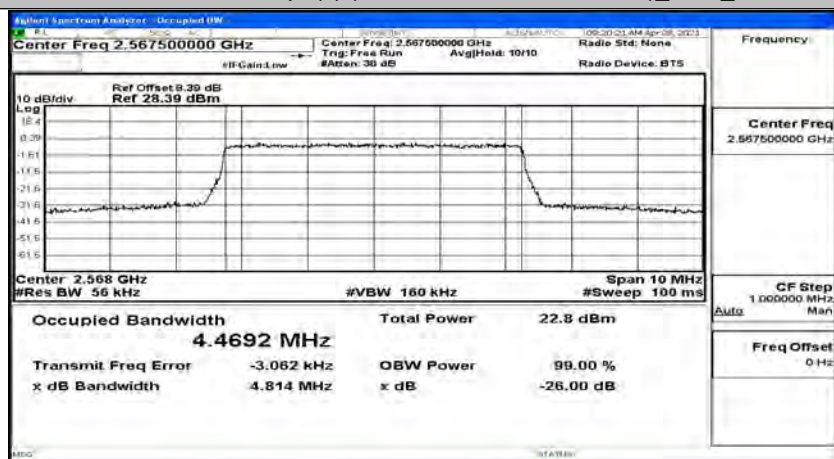
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



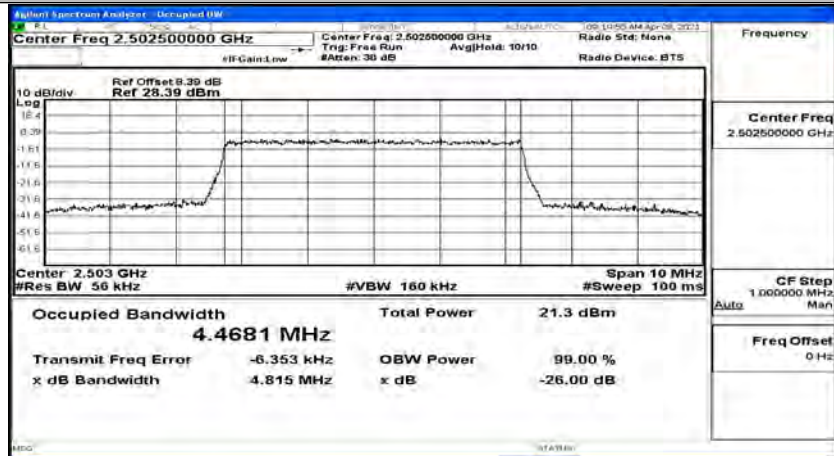
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



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



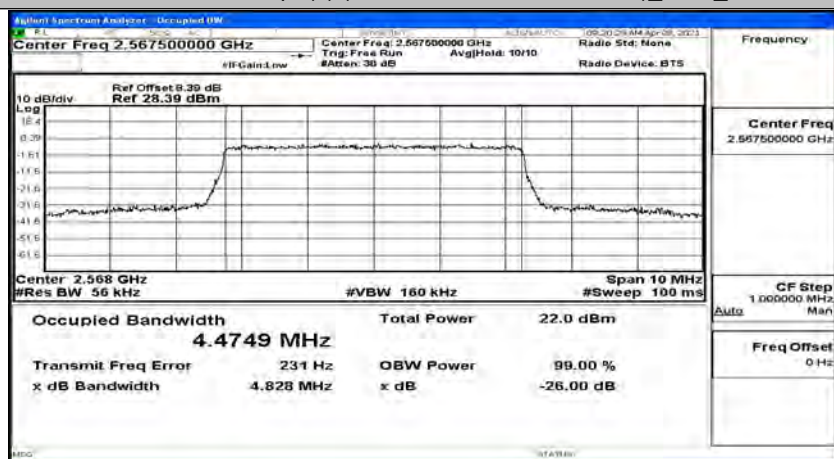
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



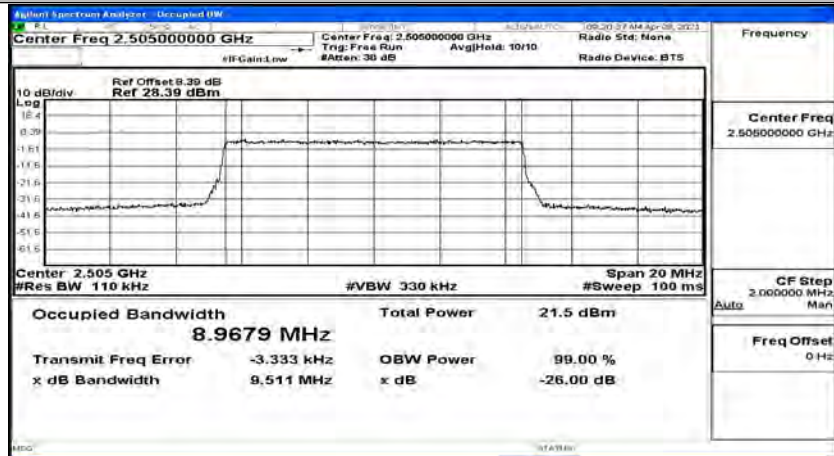
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



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



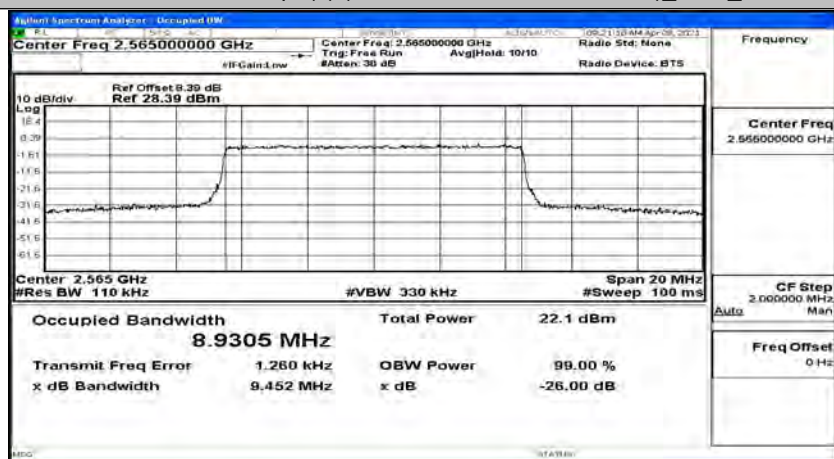
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



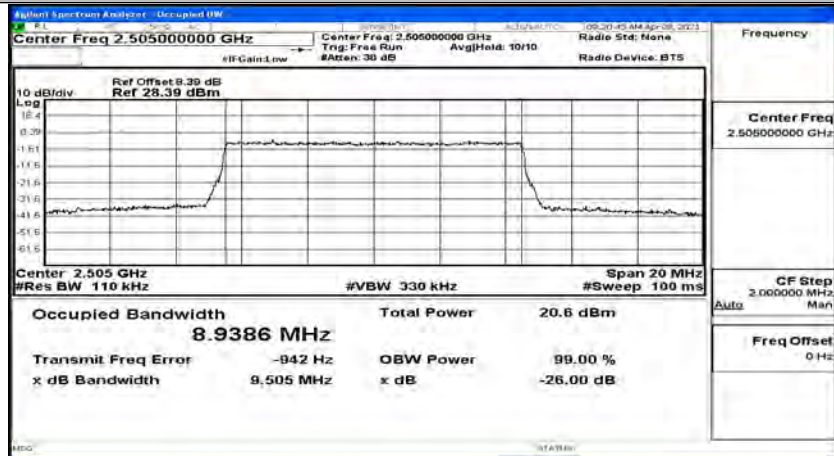
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



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



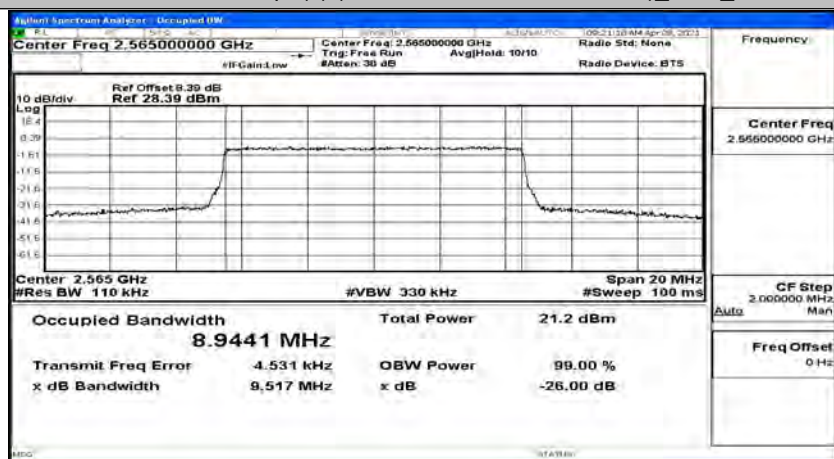
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



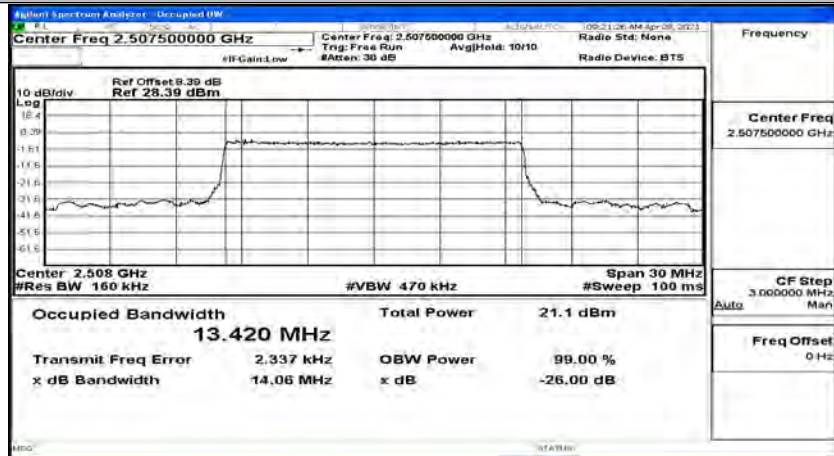
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



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



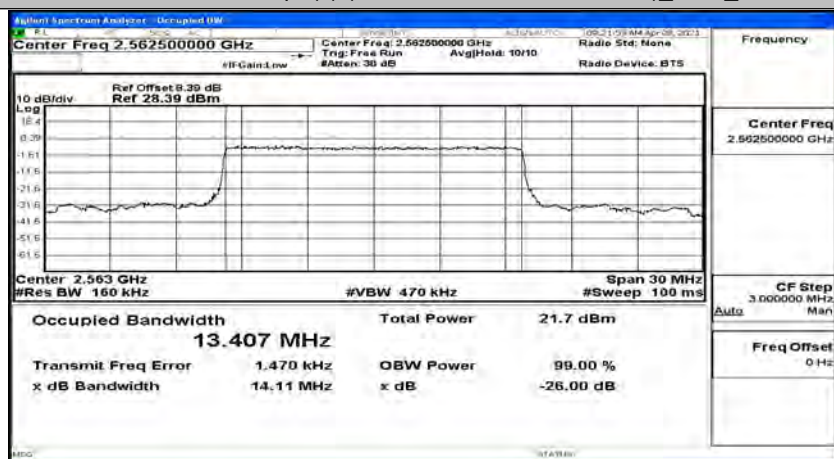
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



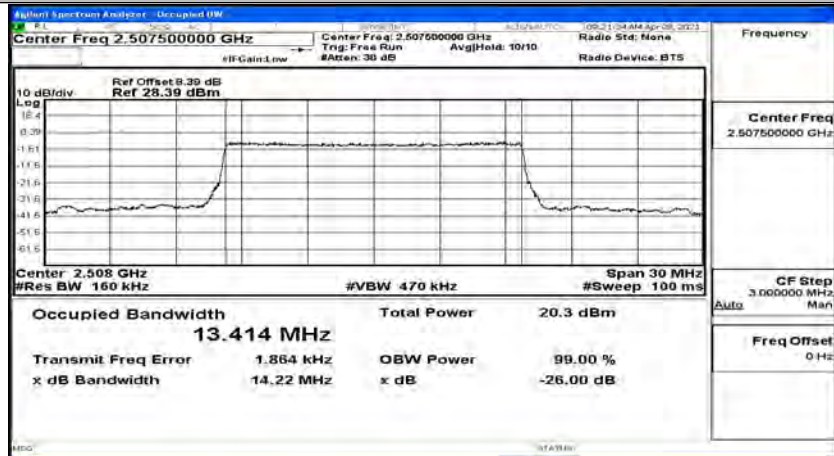
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



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



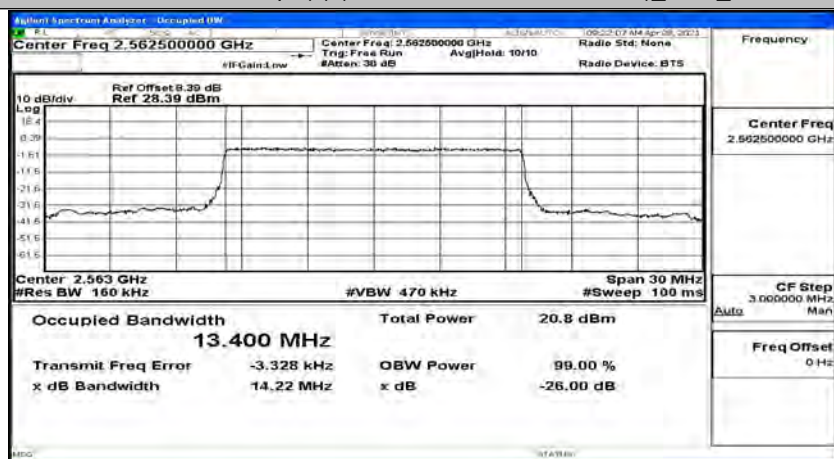
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



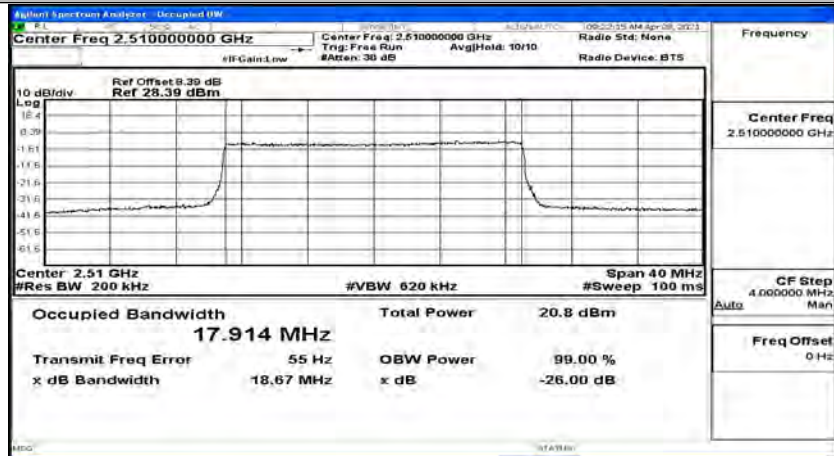
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



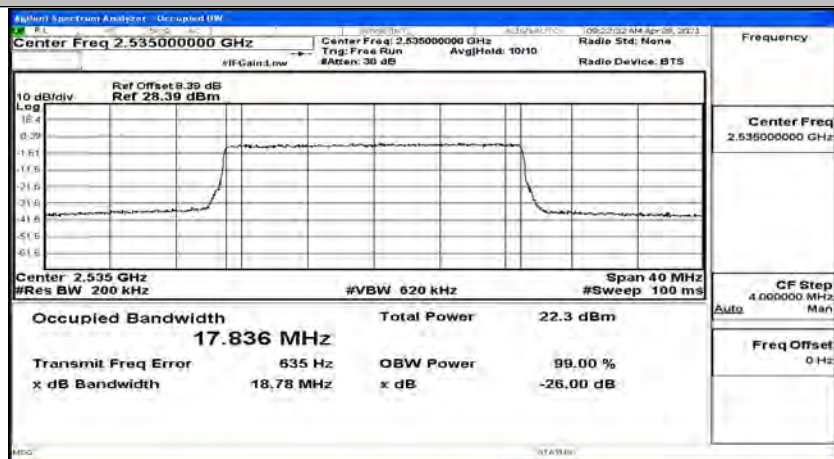
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



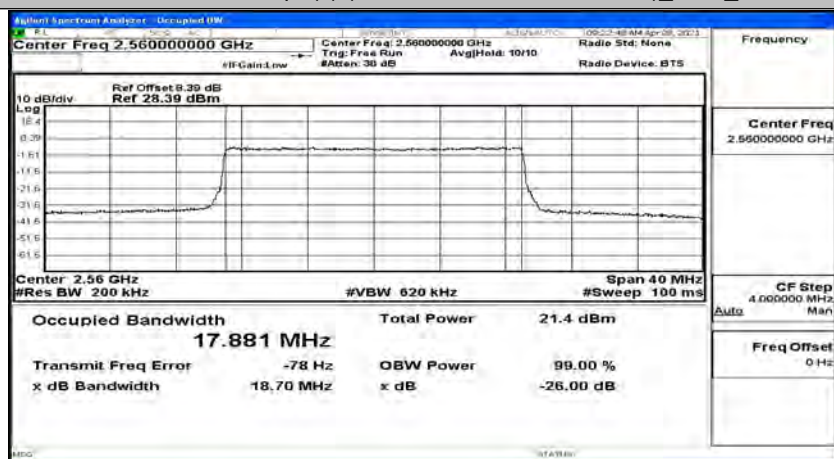
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



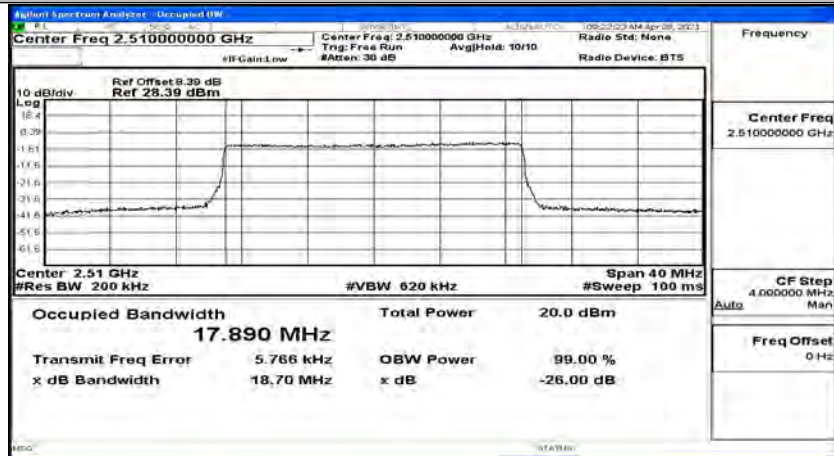
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



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



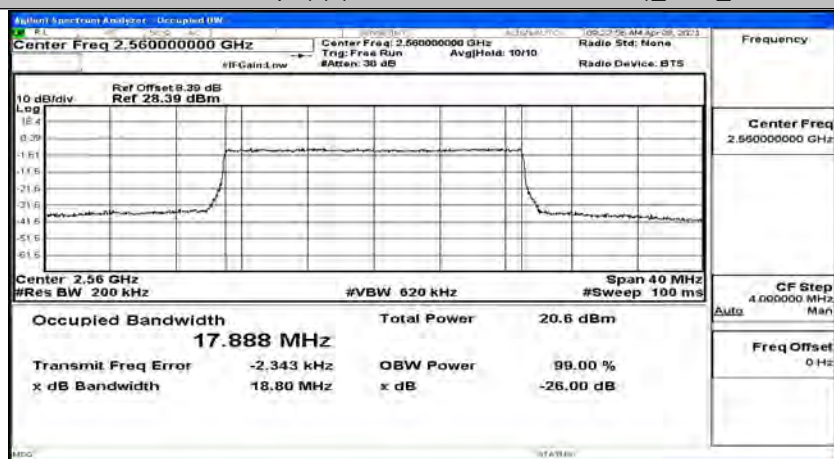
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

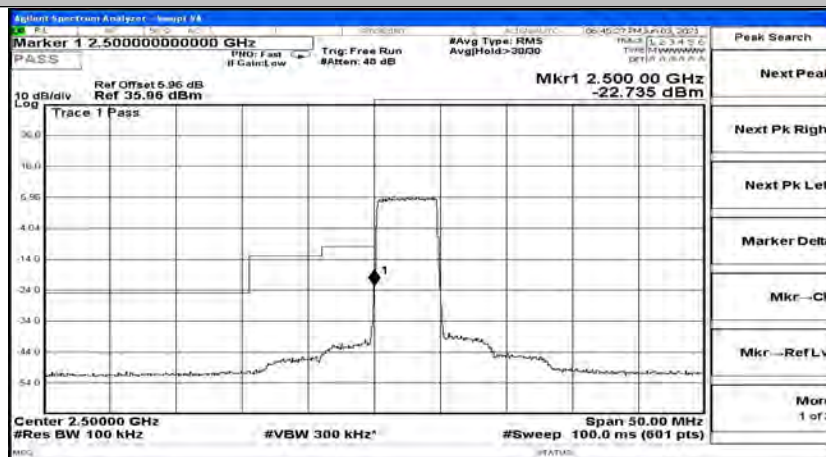


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

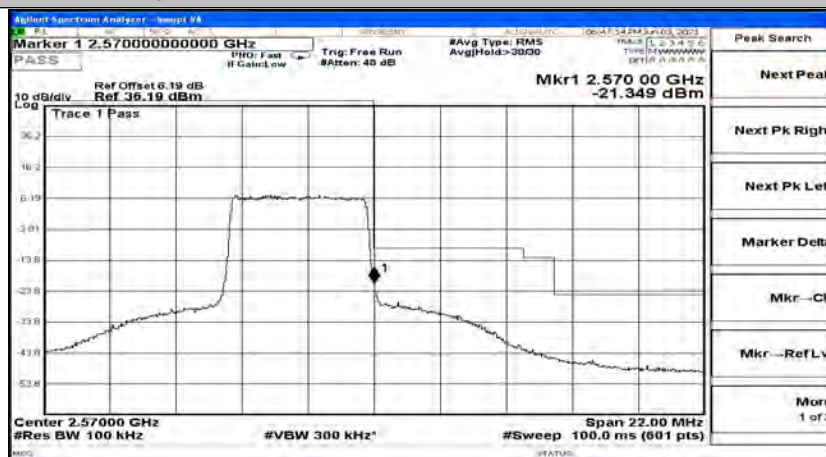


E.4 Band Edge

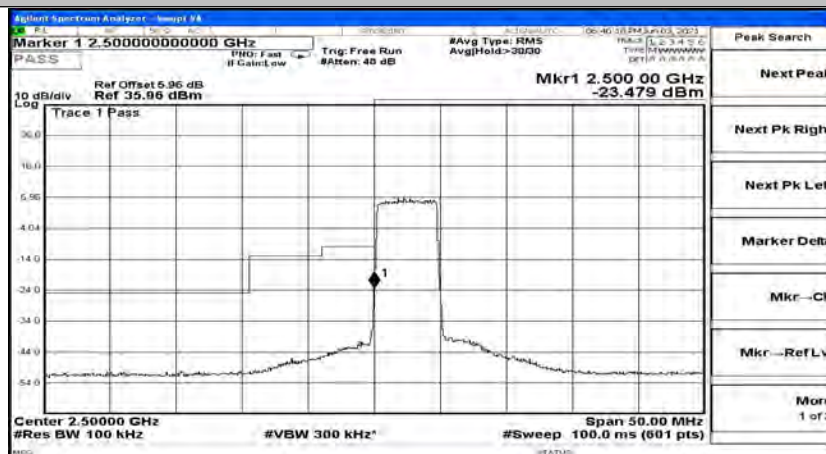
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



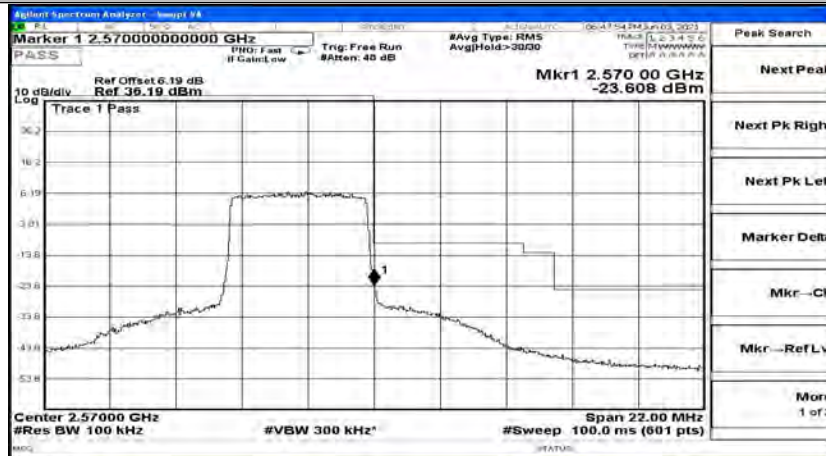
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



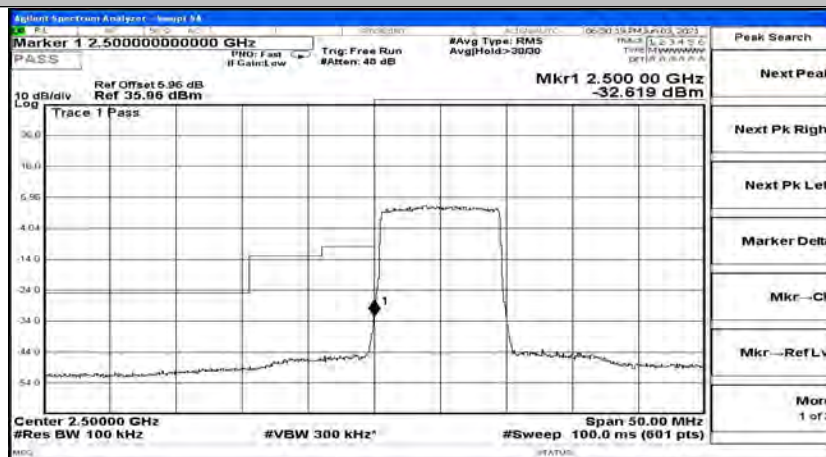
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



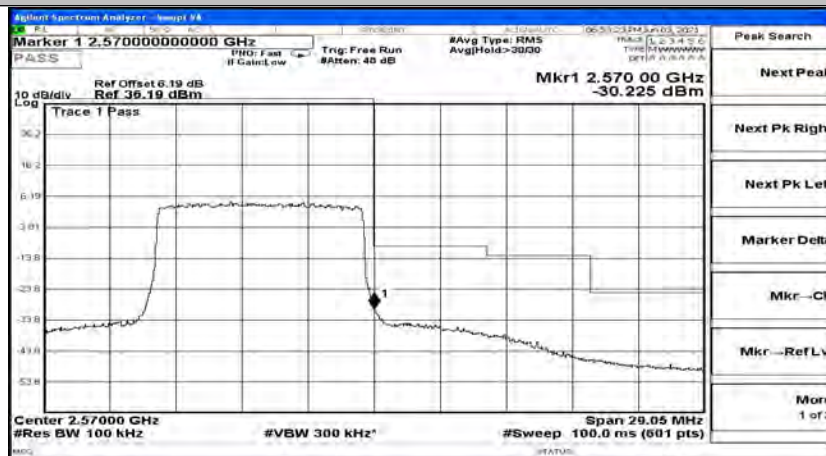
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



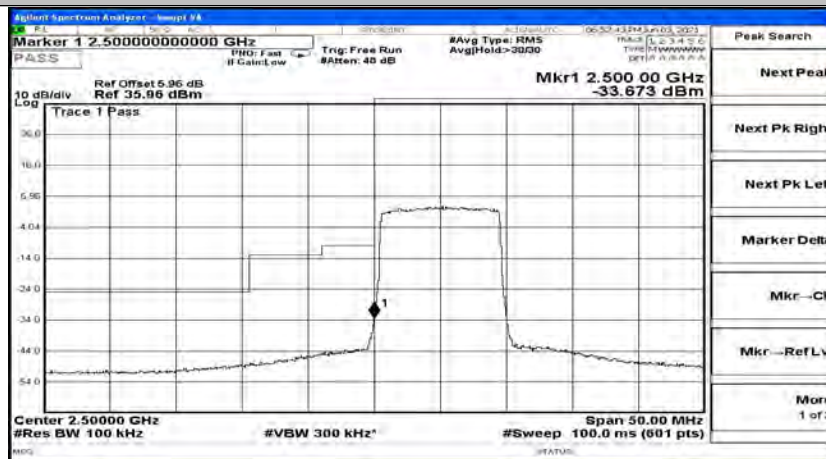
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



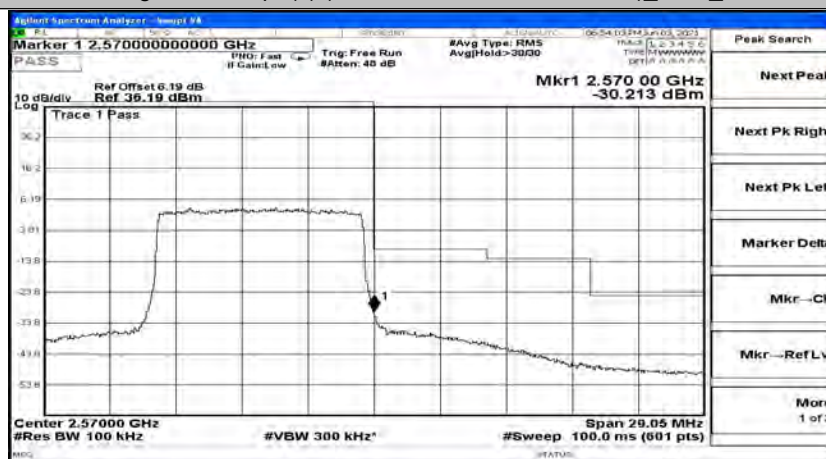
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



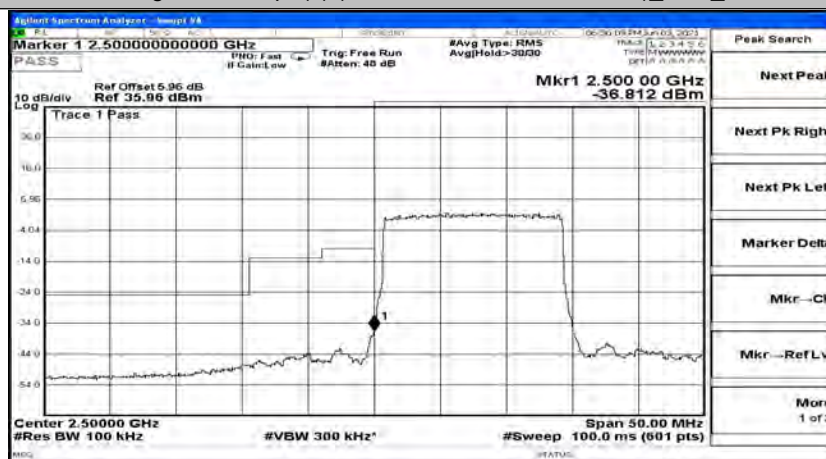
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



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



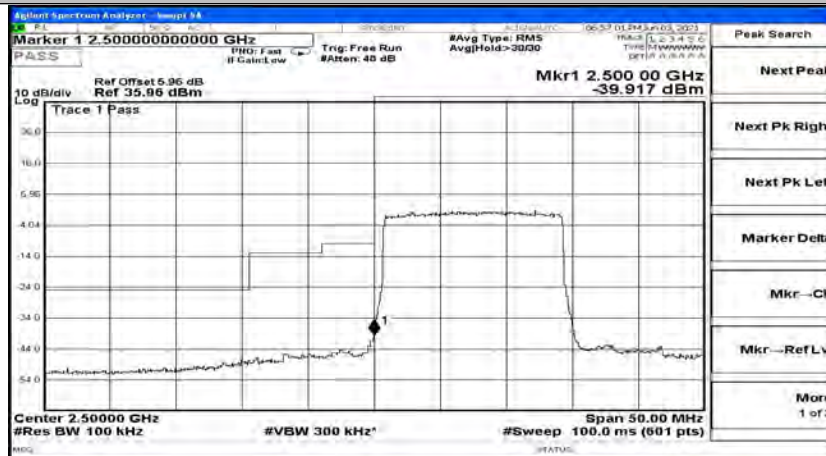
Band Edge Test Graph(s) (Channel Bandwidth: 15 MHz)_LCH_QPSK



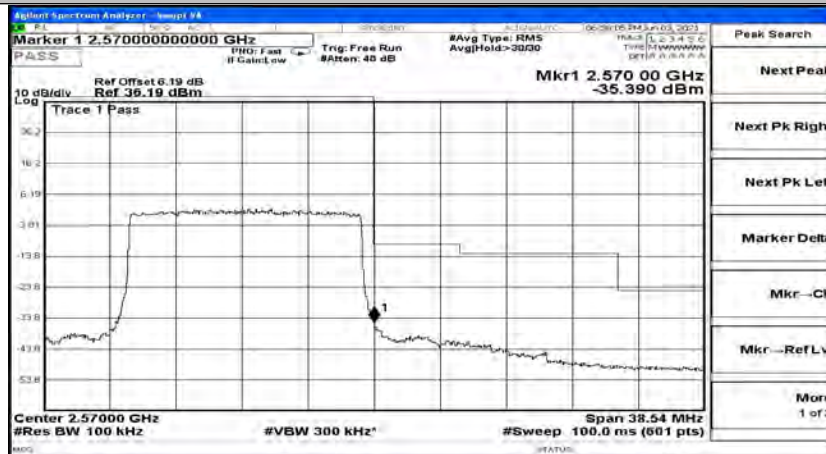
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



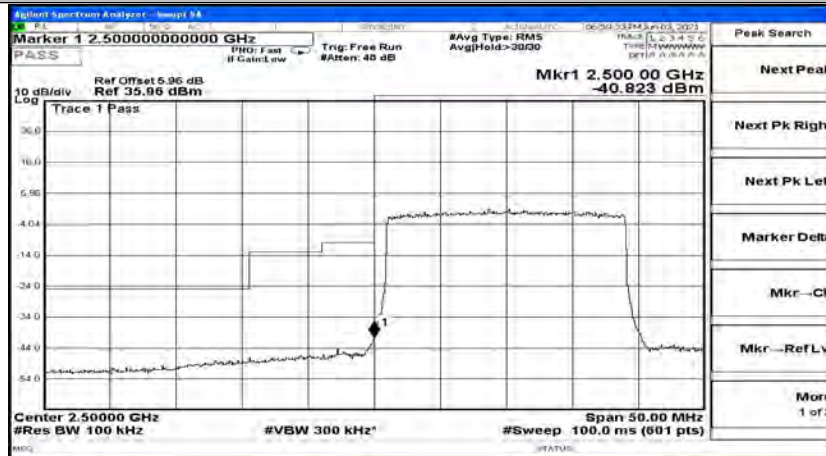
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



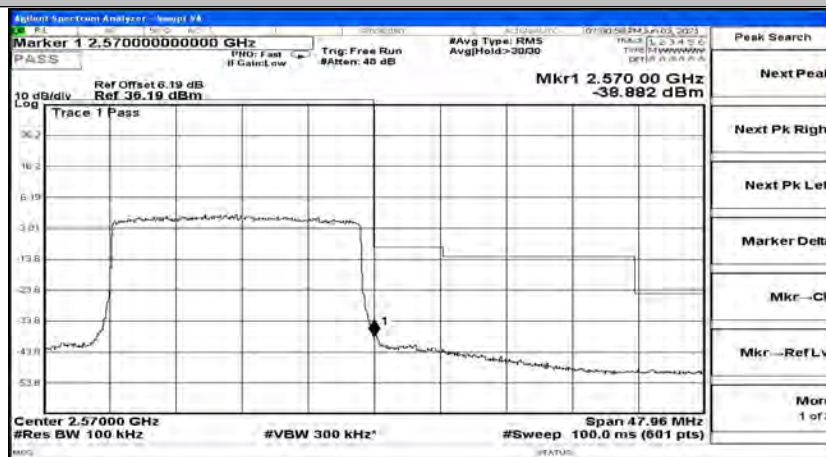
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



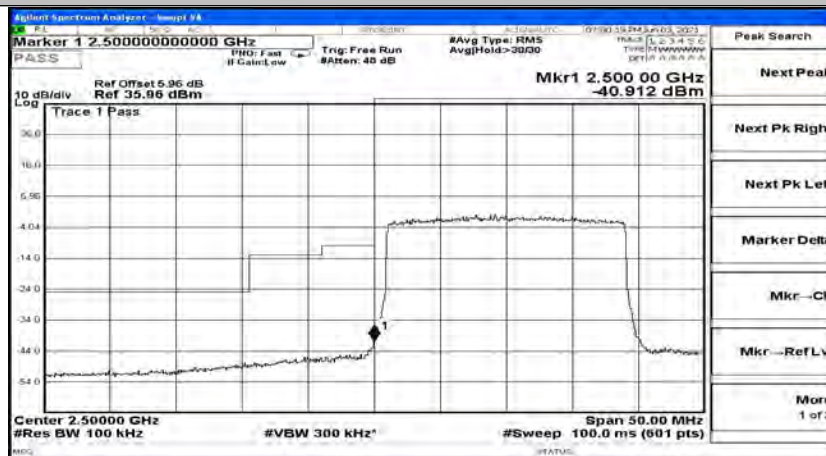
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



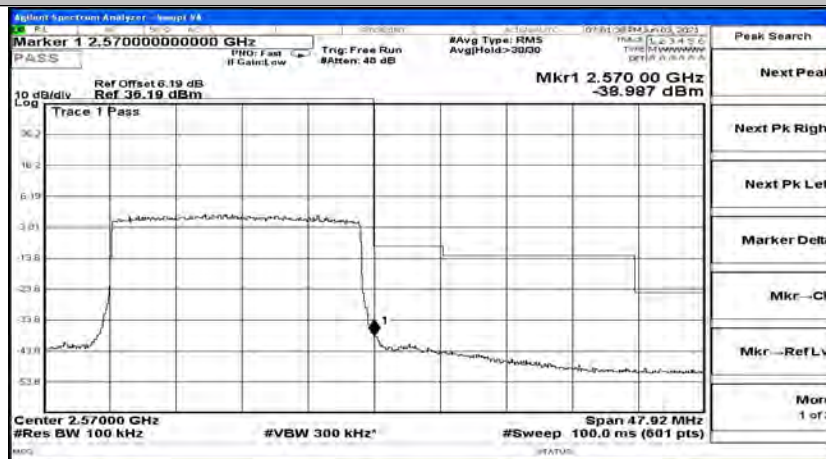
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



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

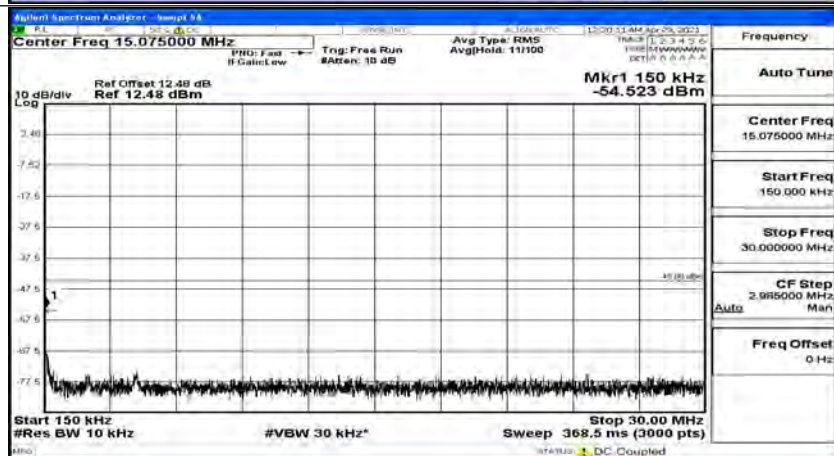
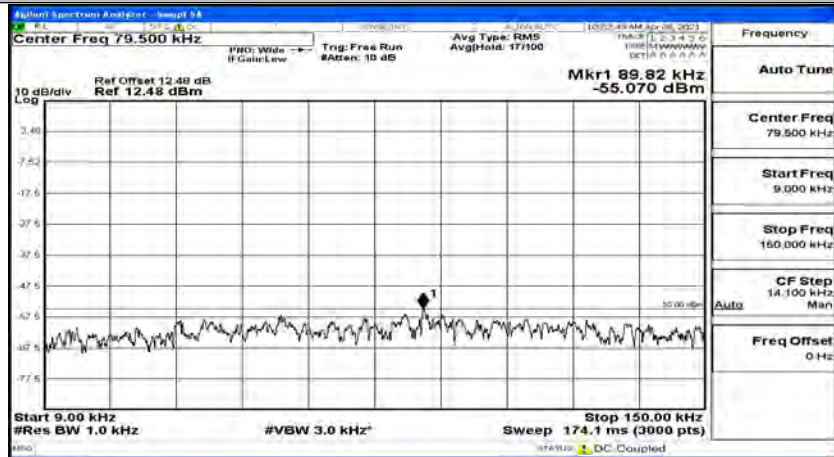


E.5 Conducted Spurious Emission

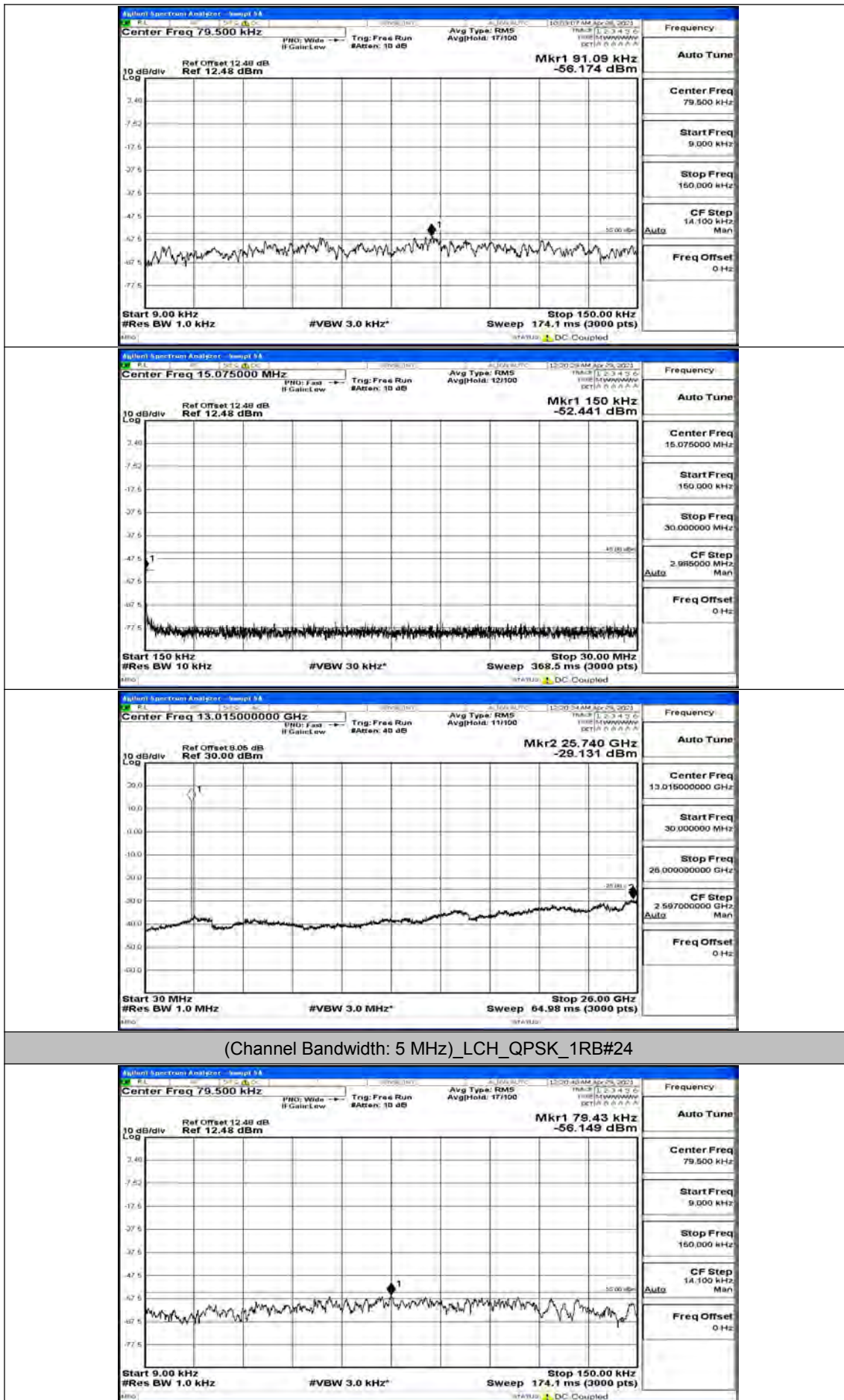
Test Graphs

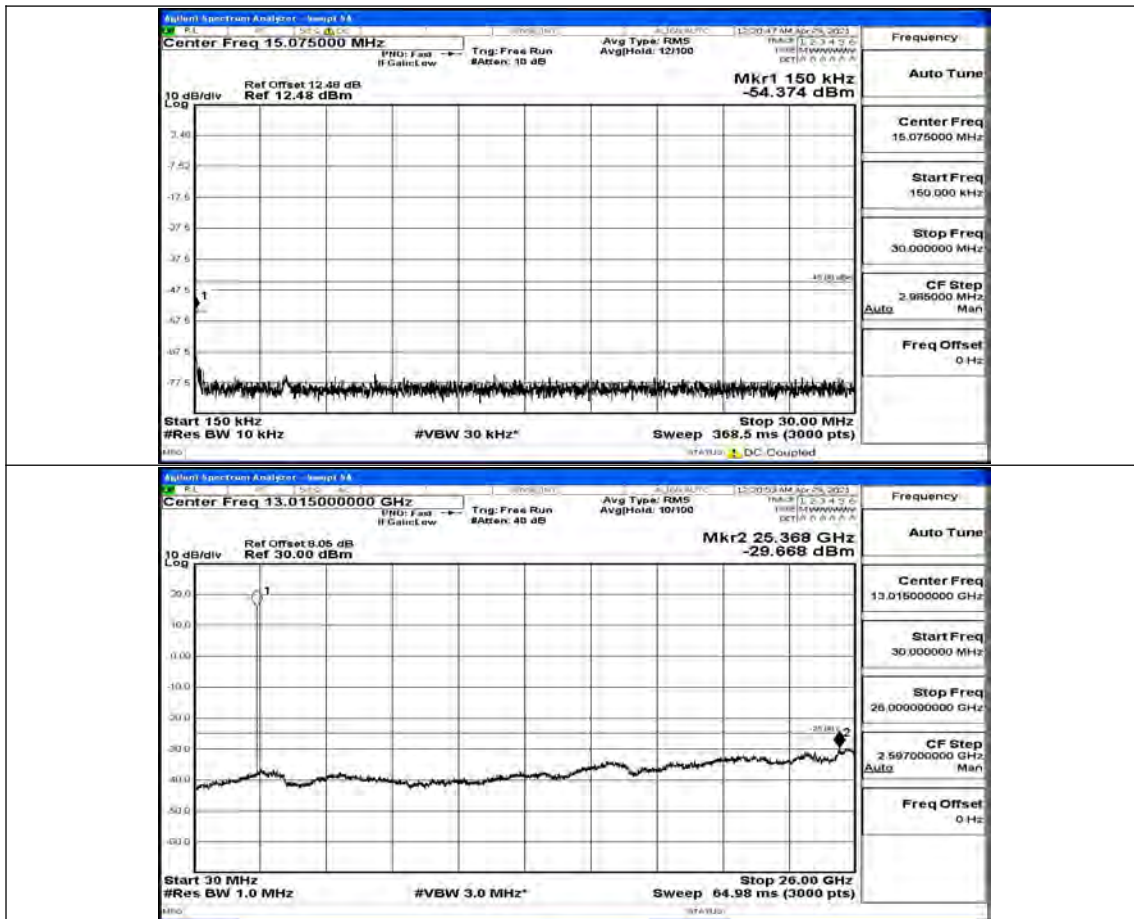
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

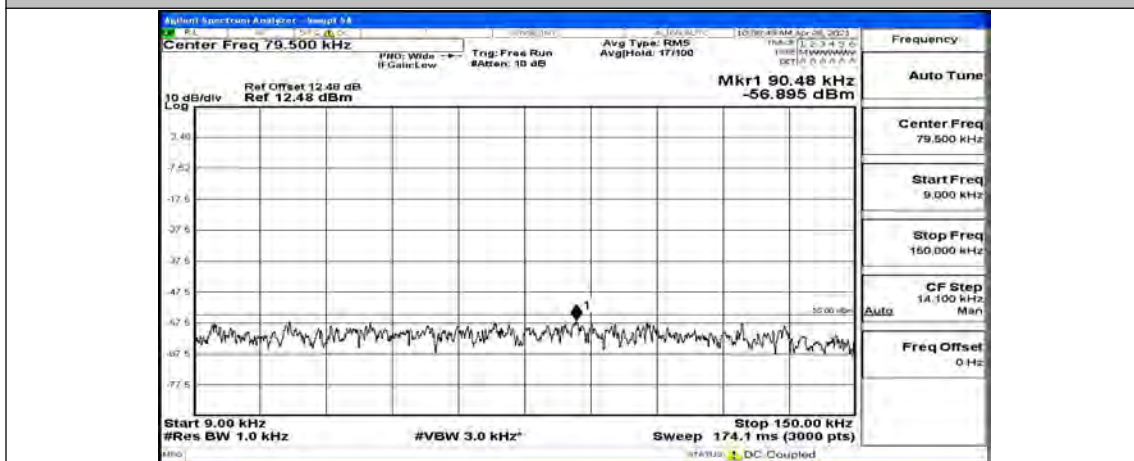


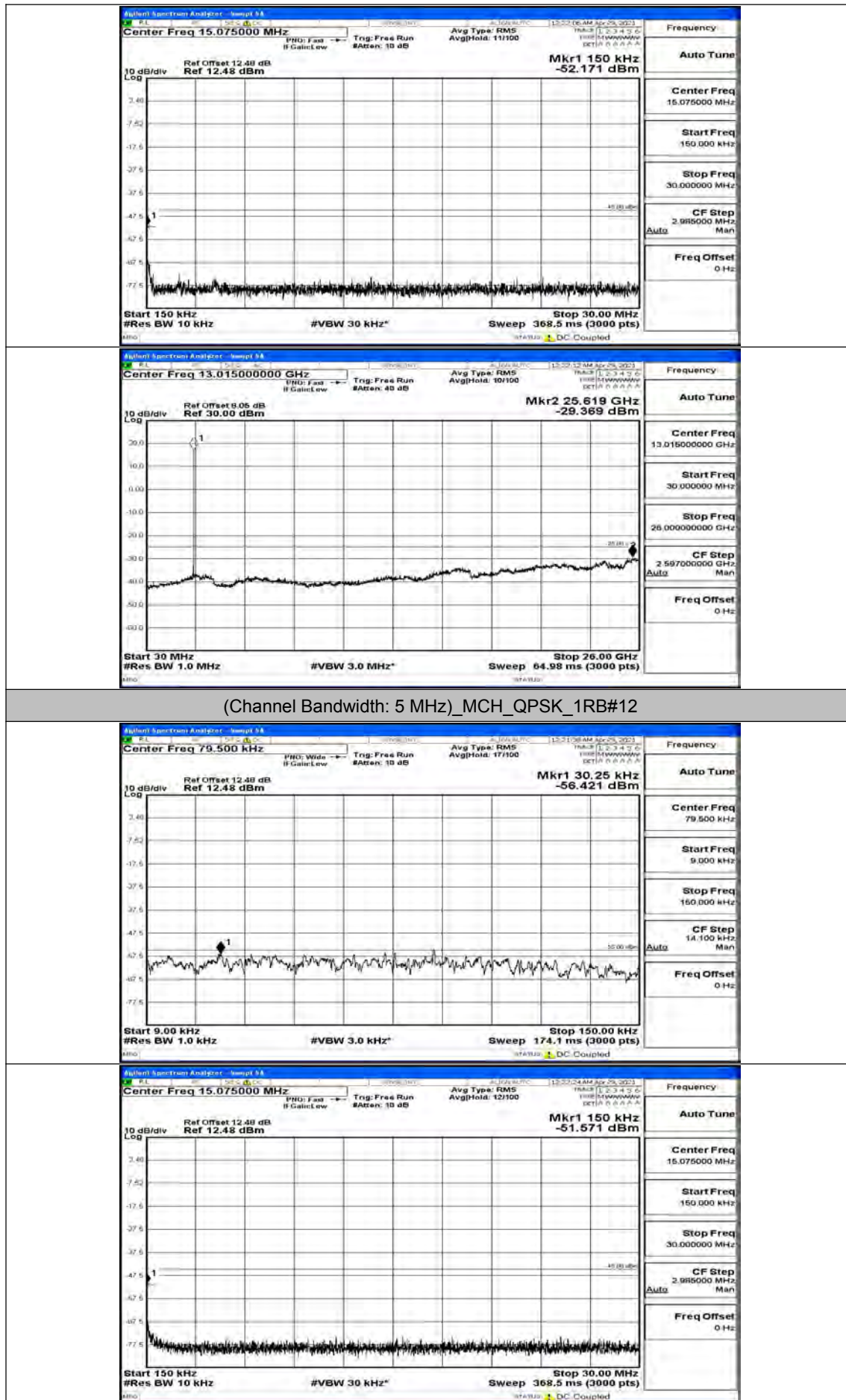
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

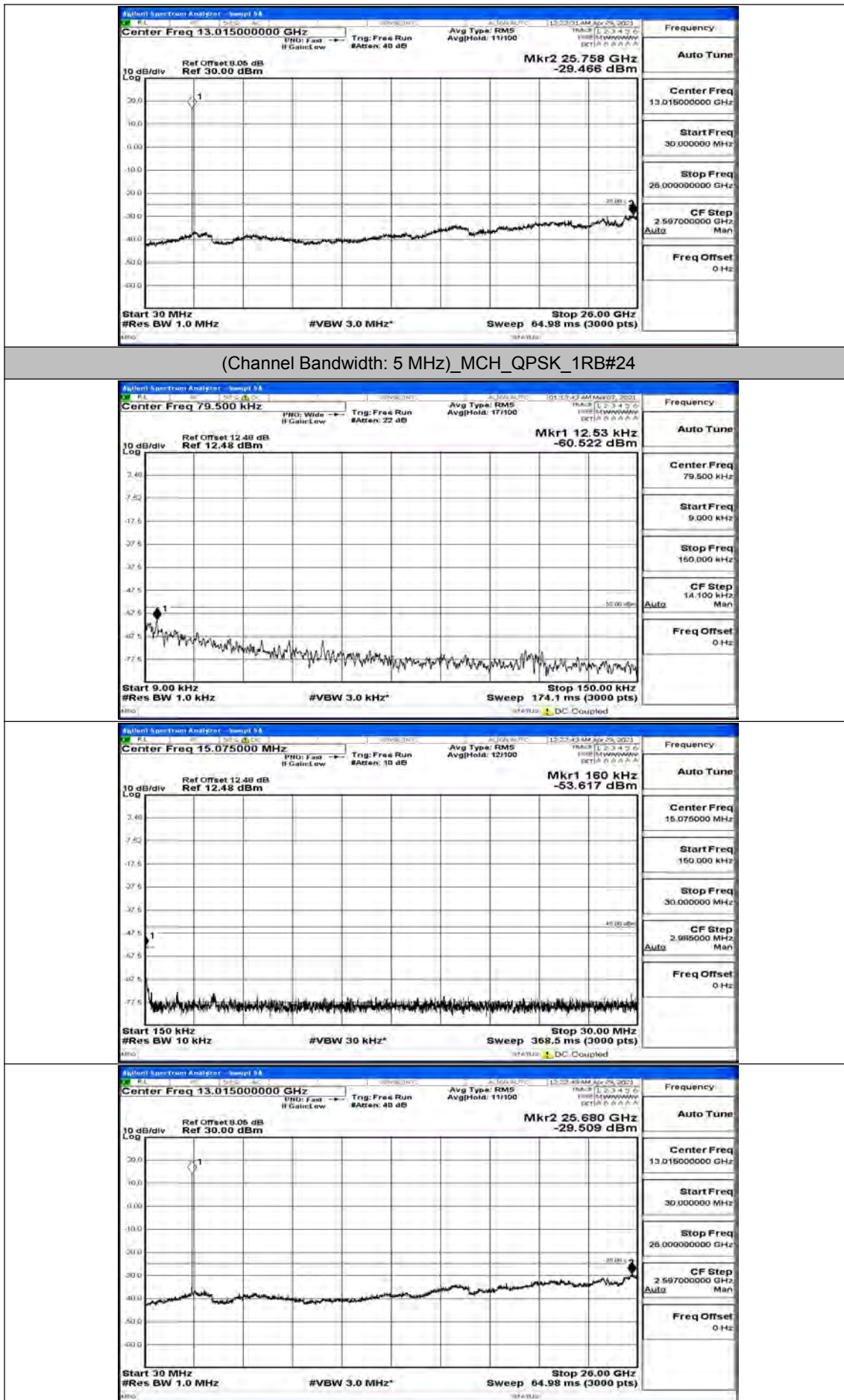




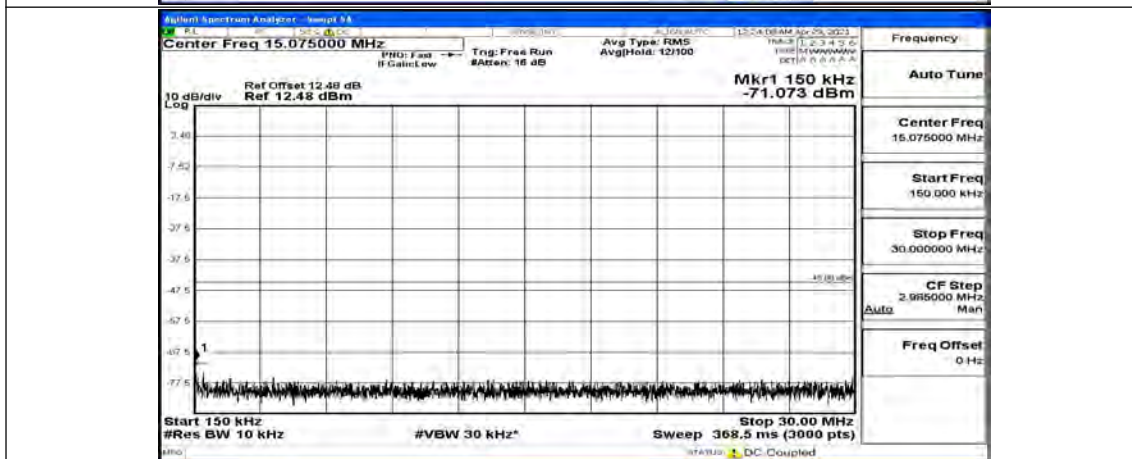
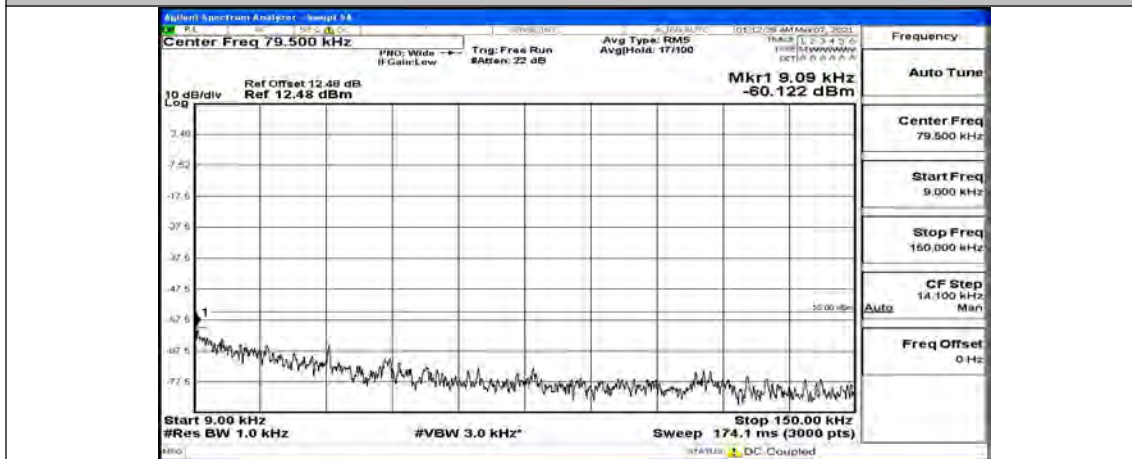
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



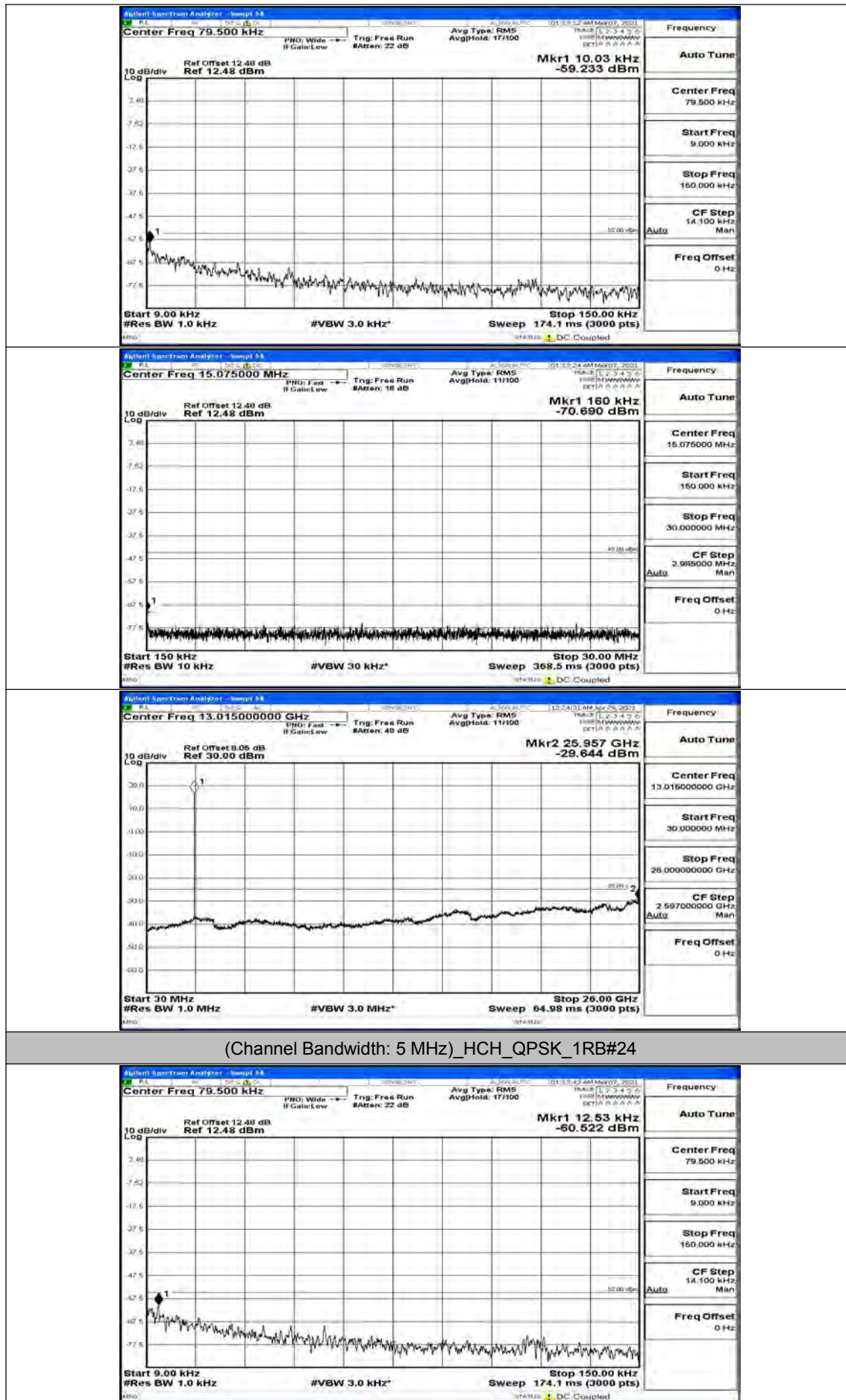


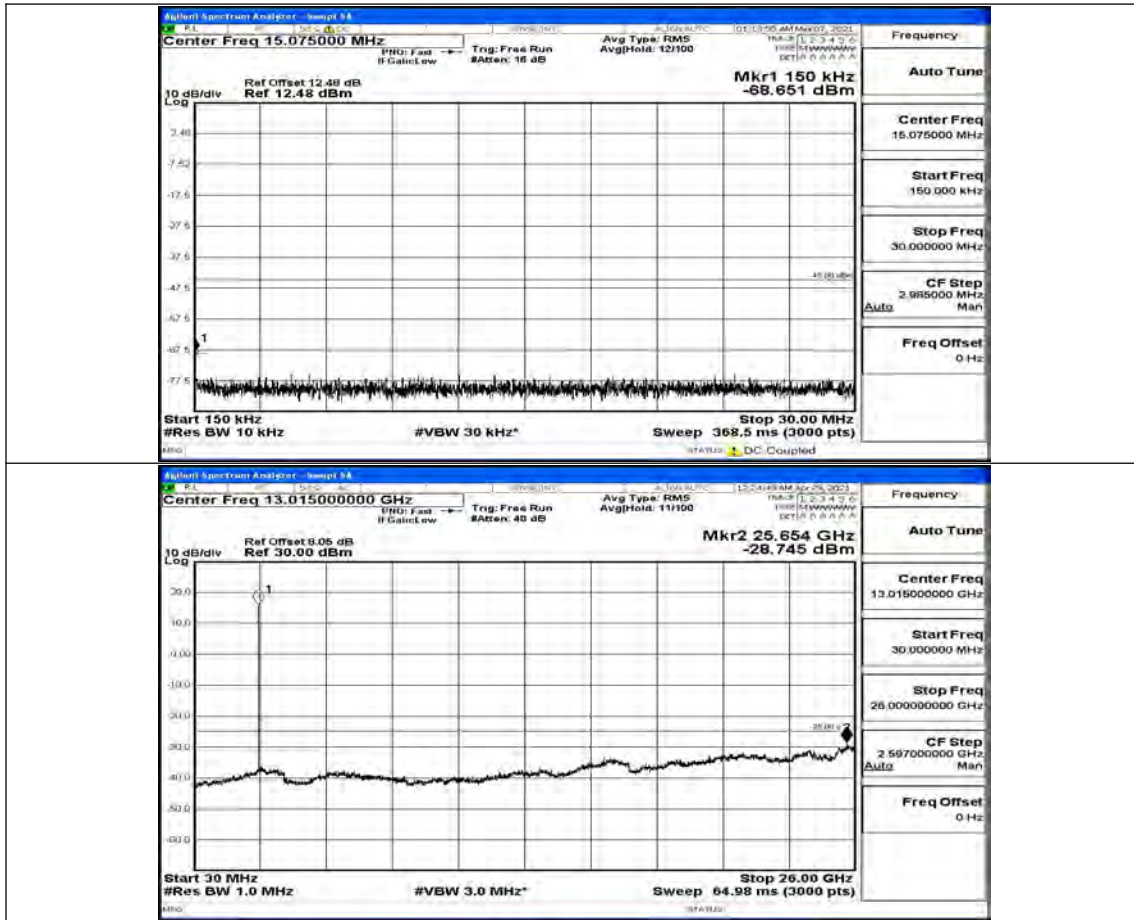


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

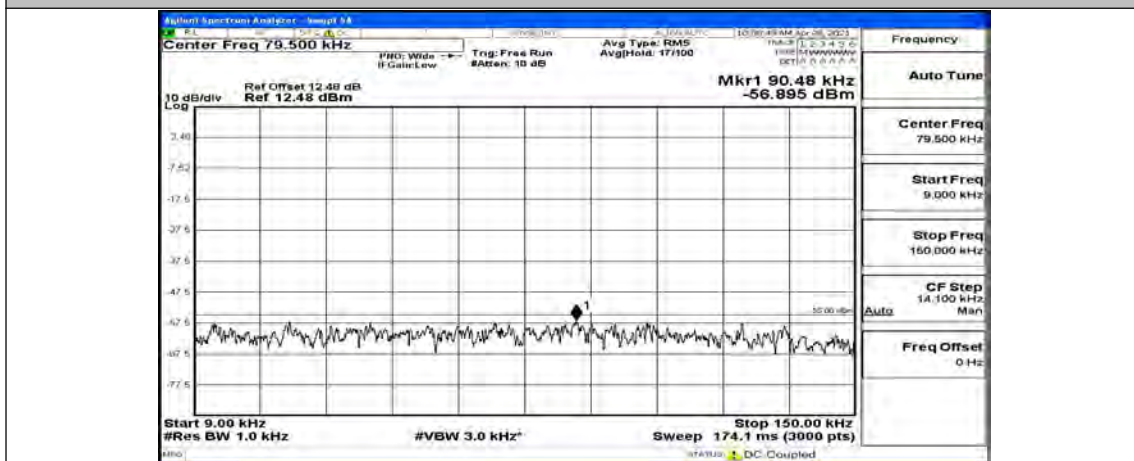


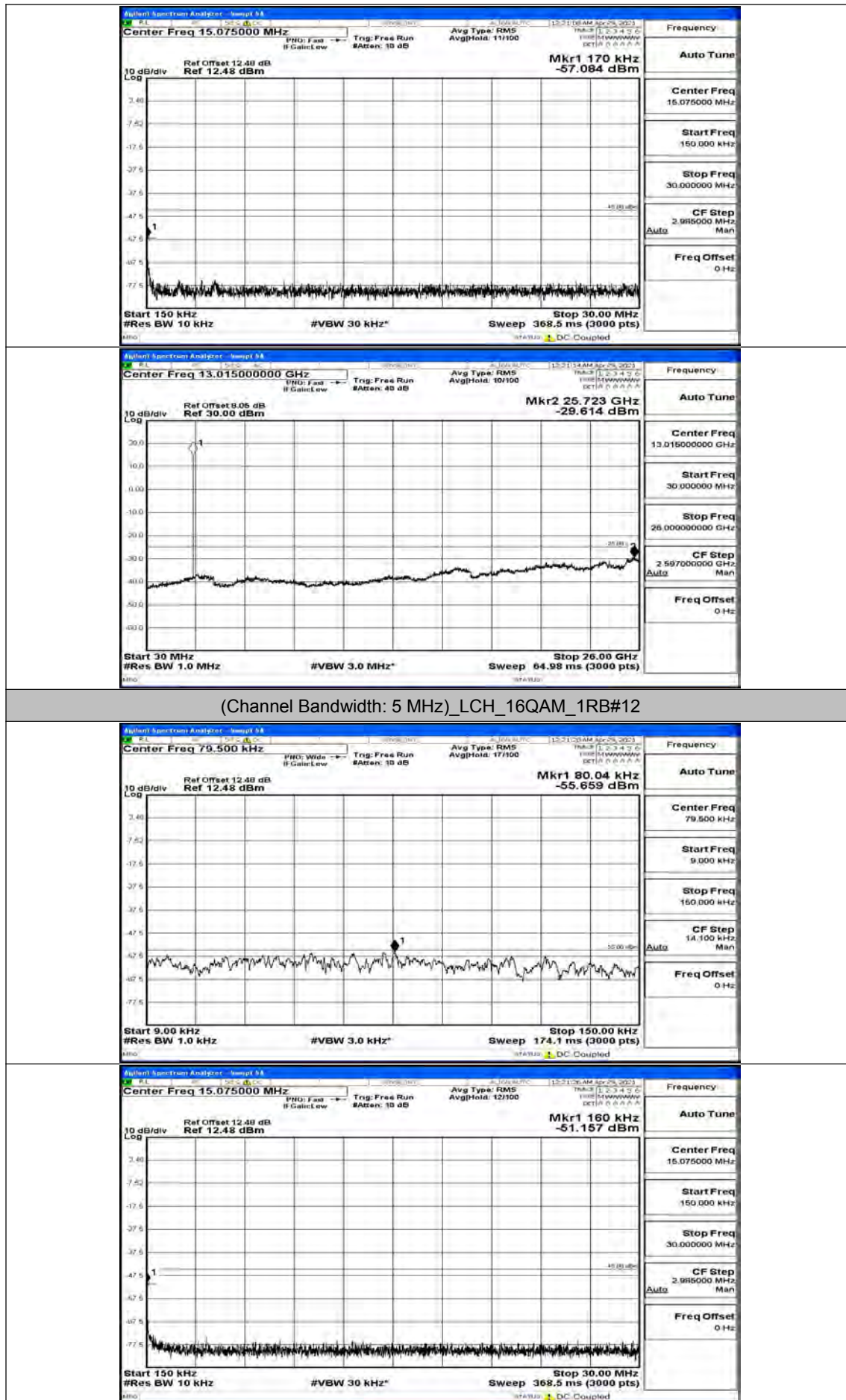
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



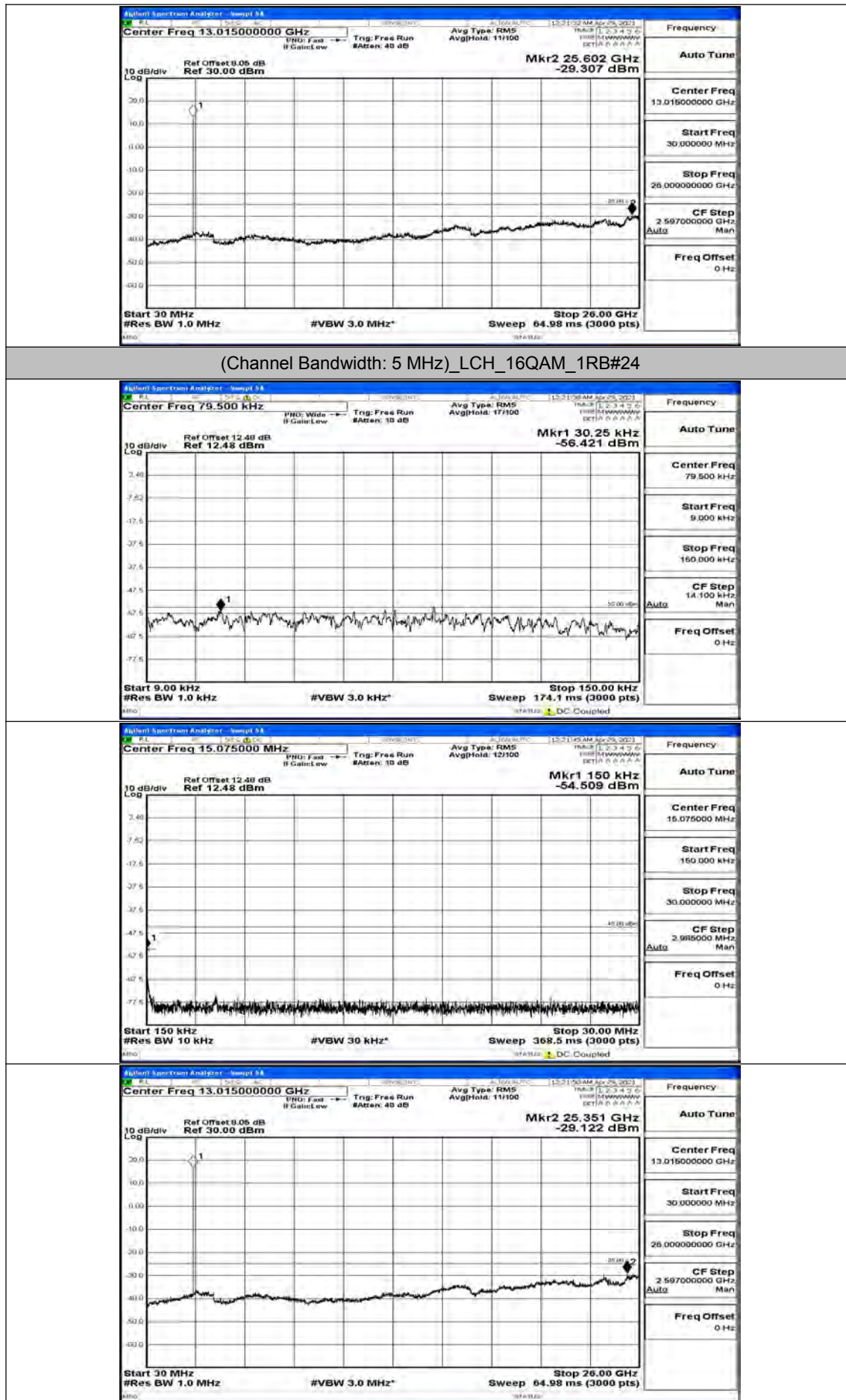


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

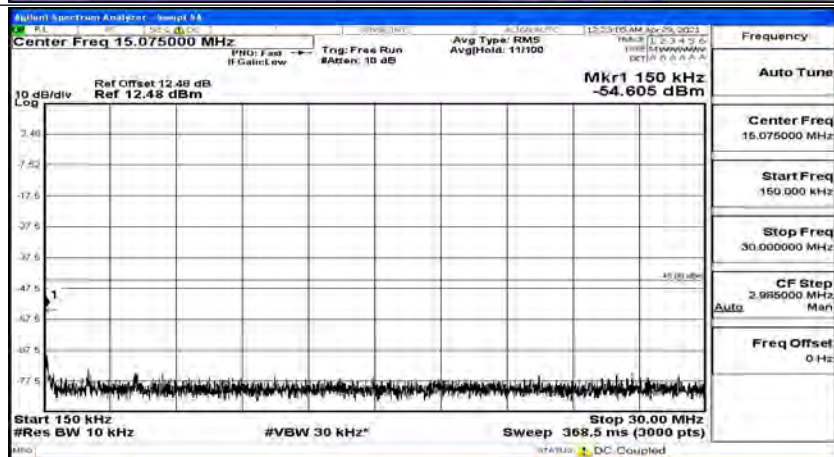
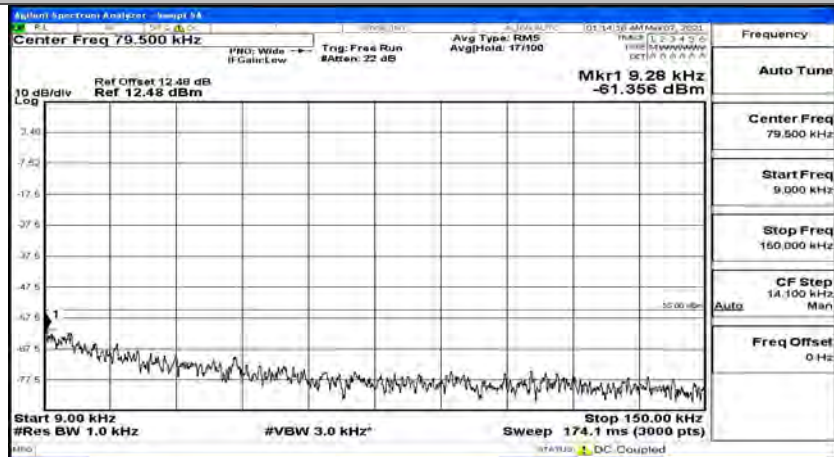




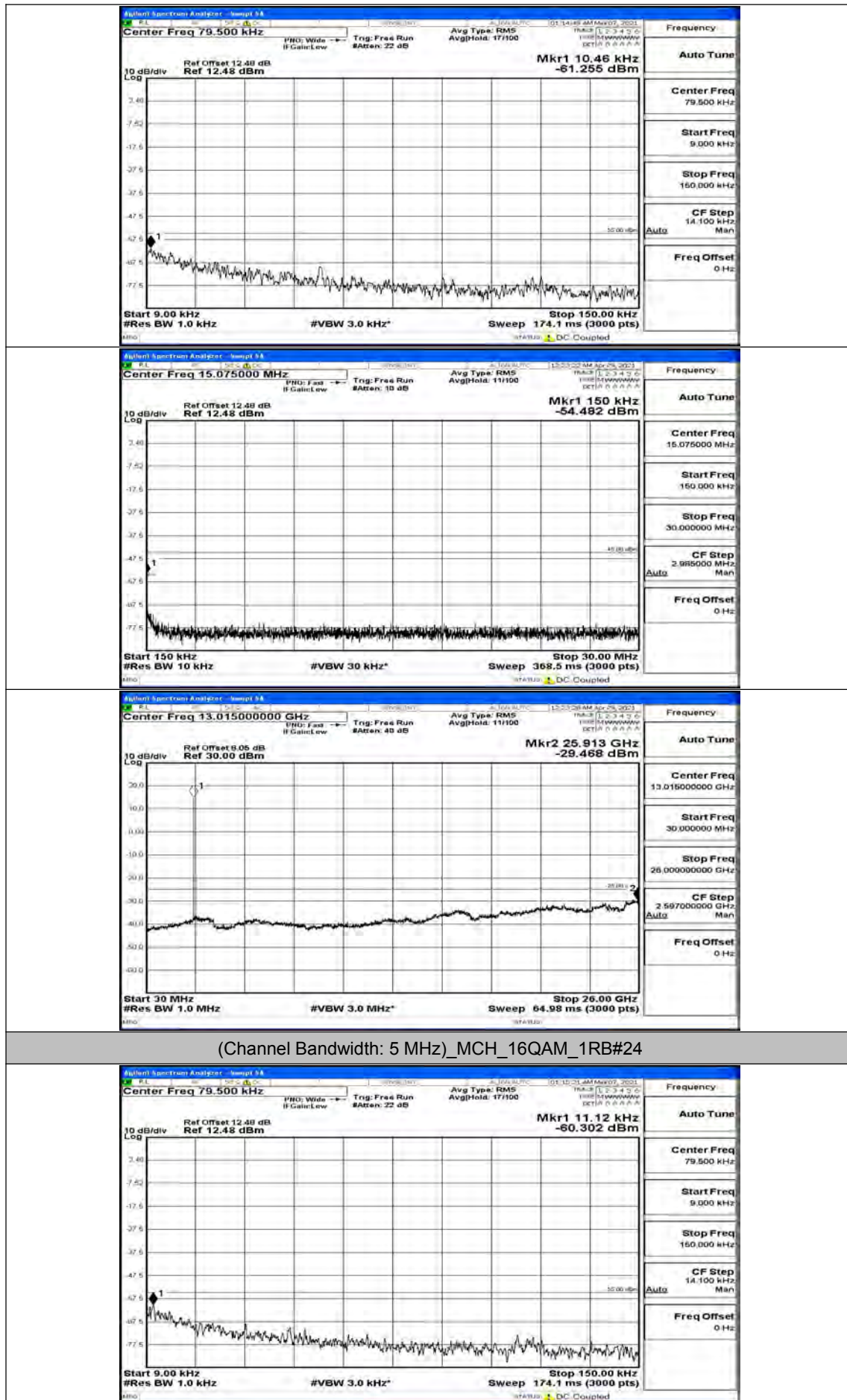
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

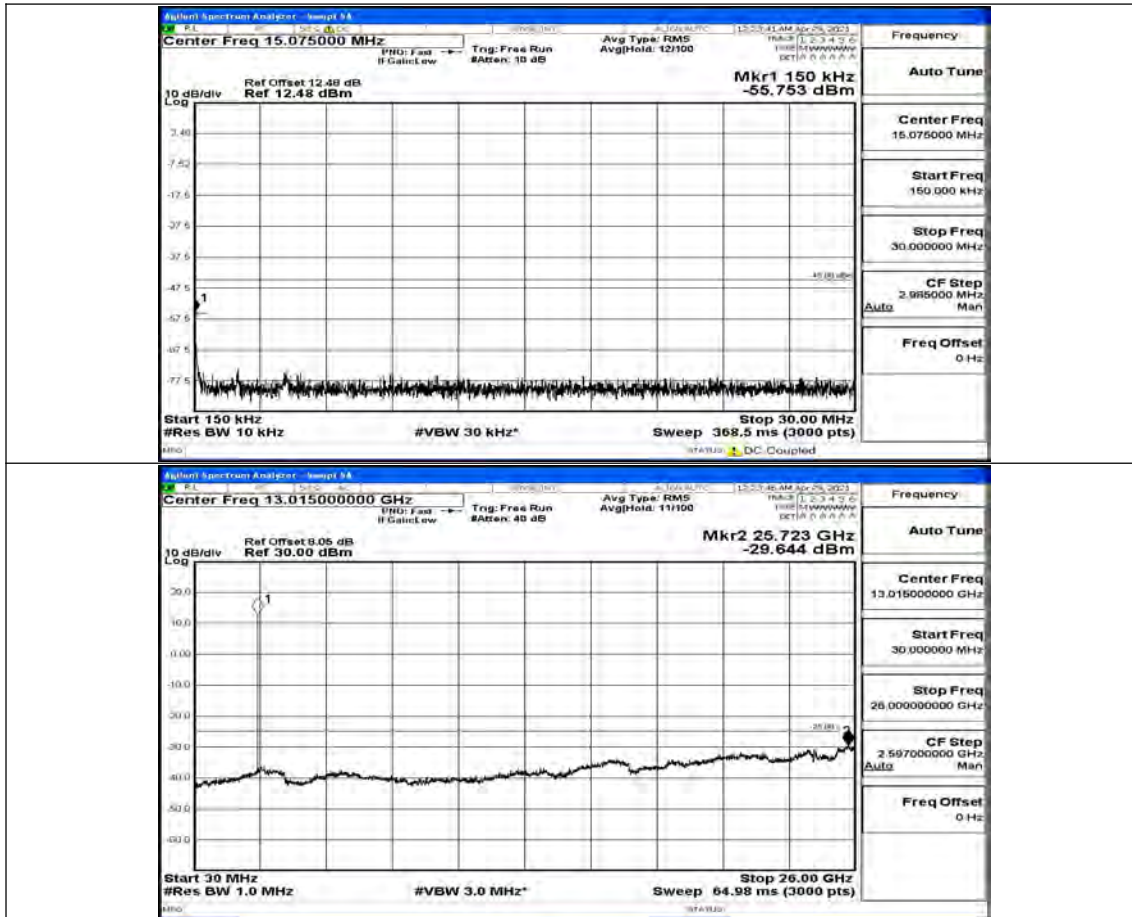


(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

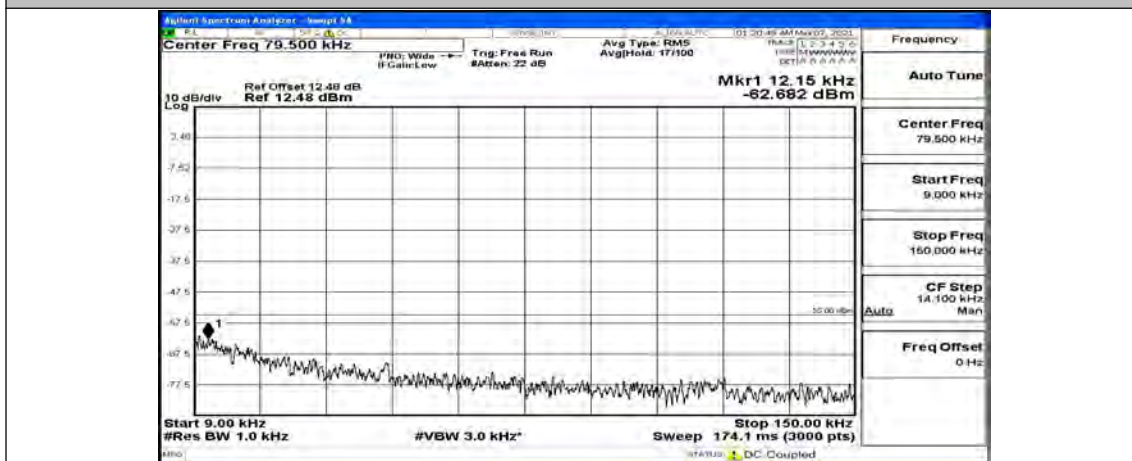


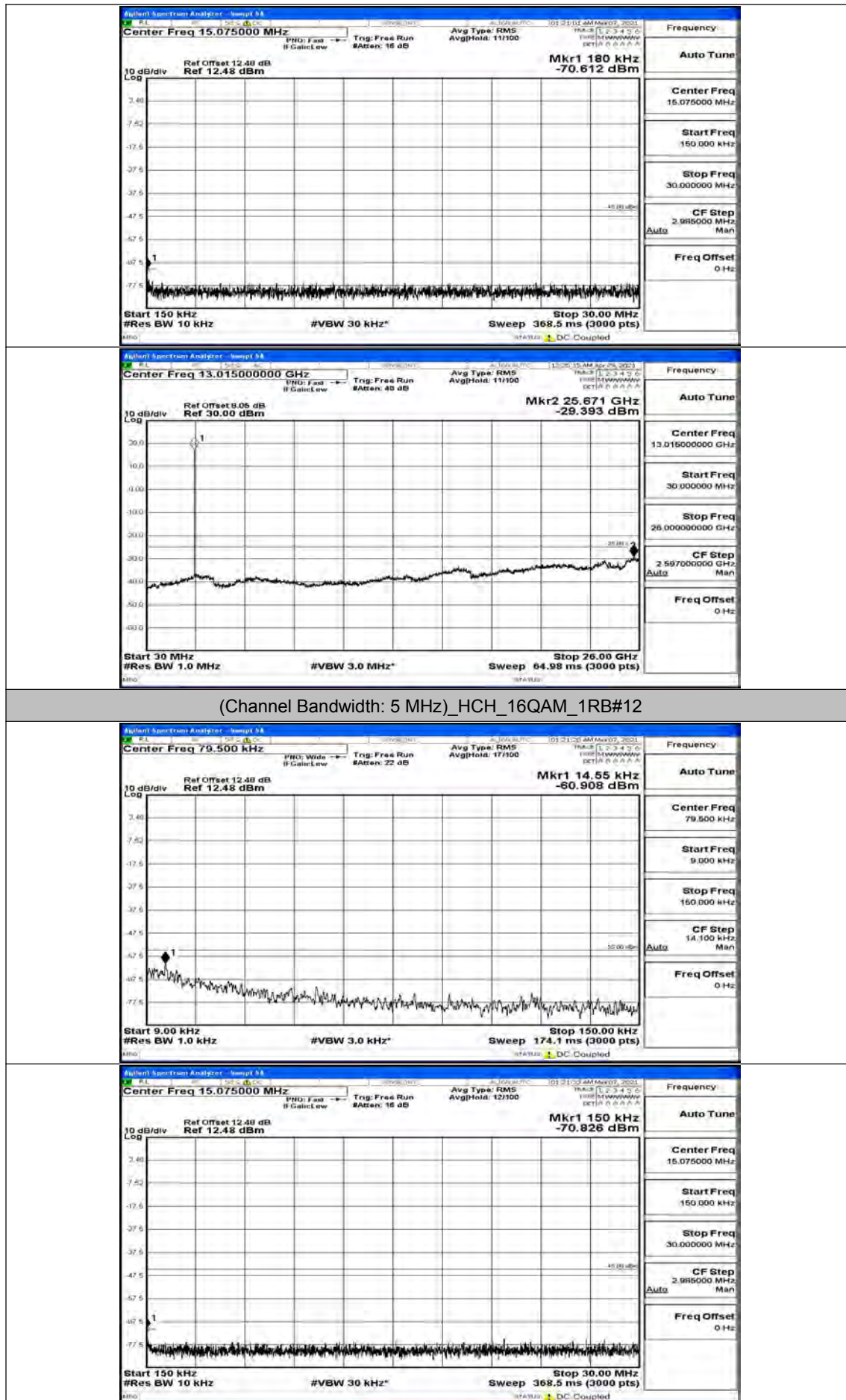
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12





(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

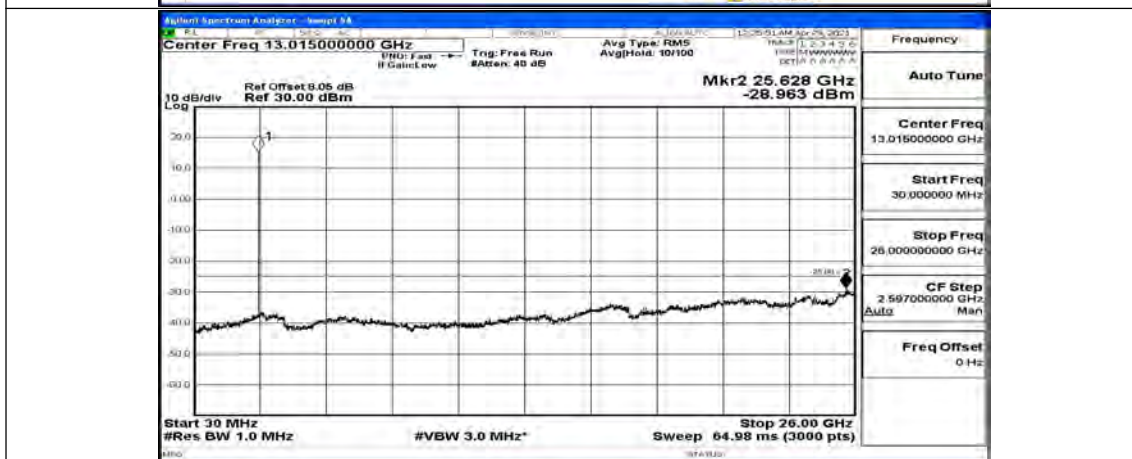
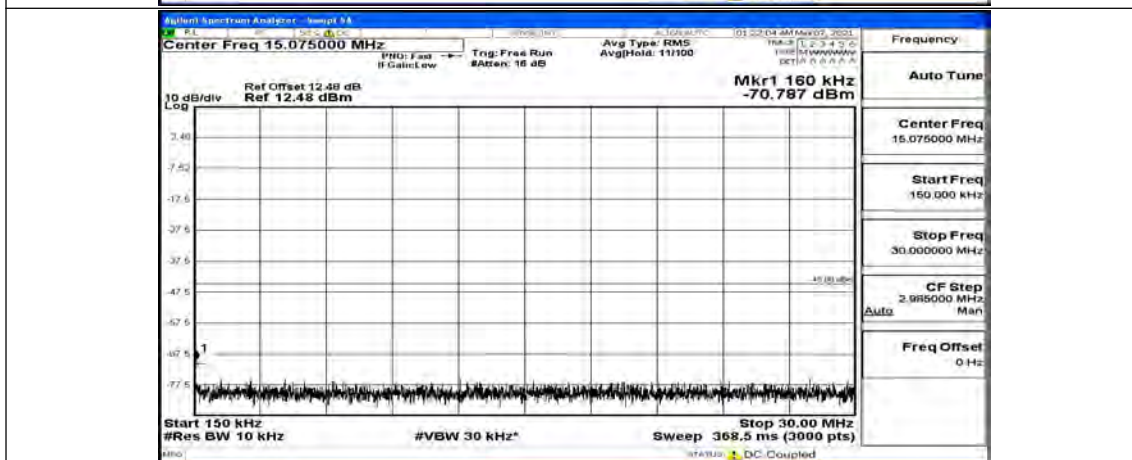
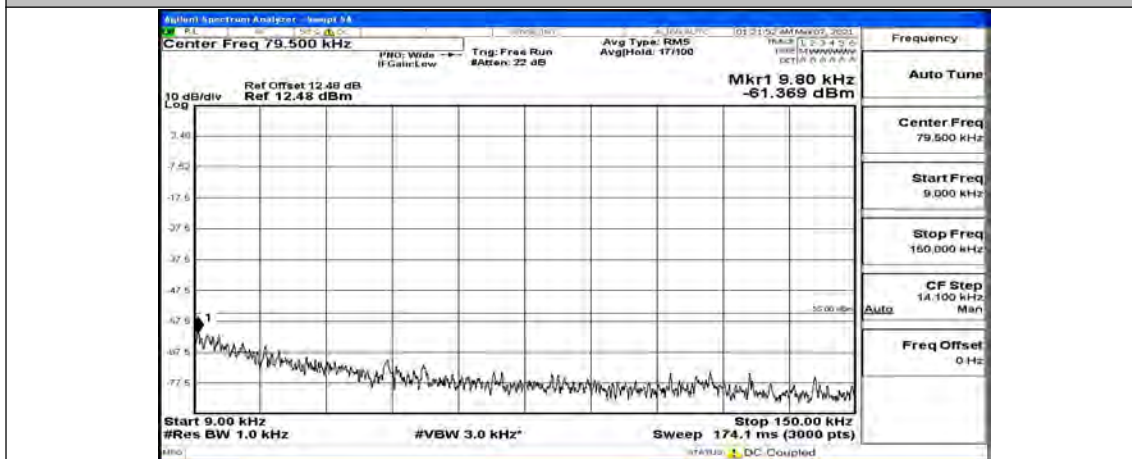




(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

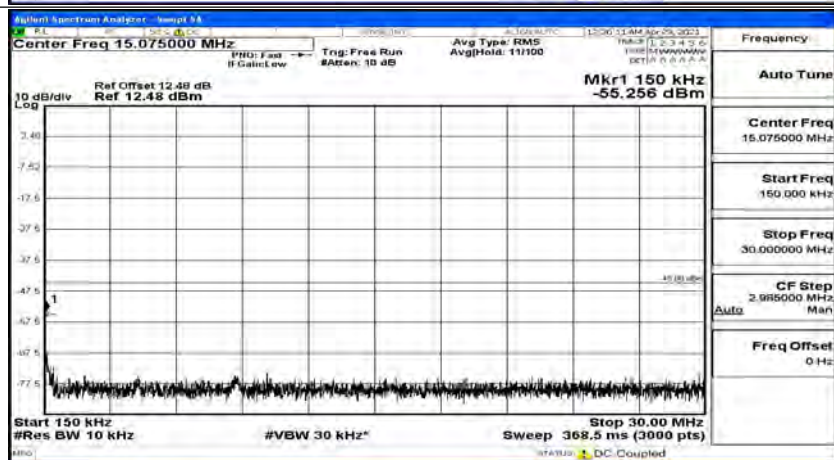
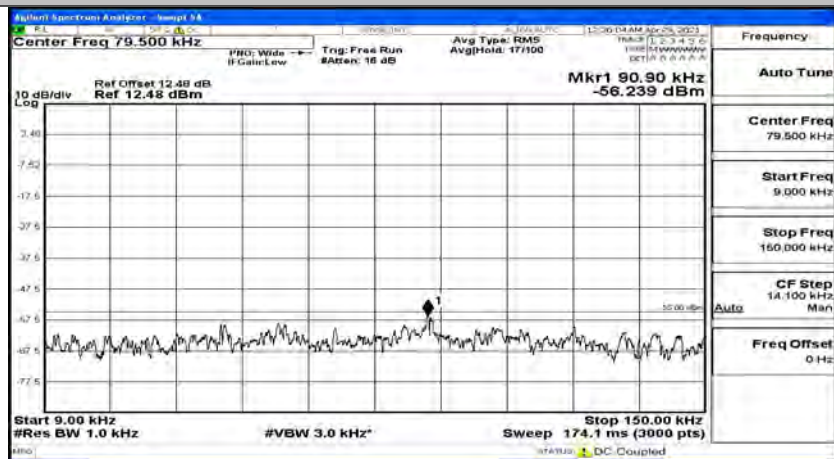


(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

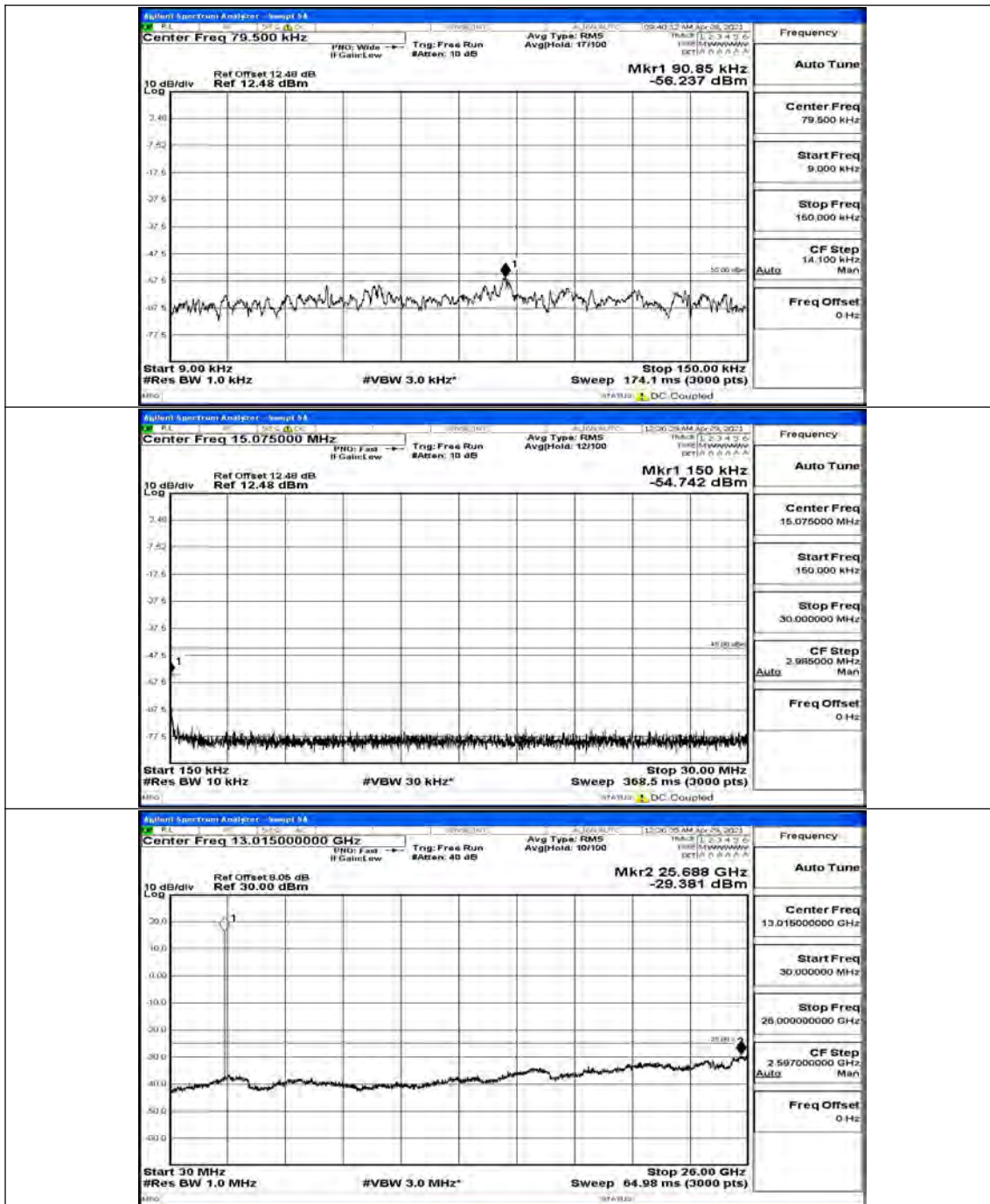


Channel Bandwidth: 10 MHz

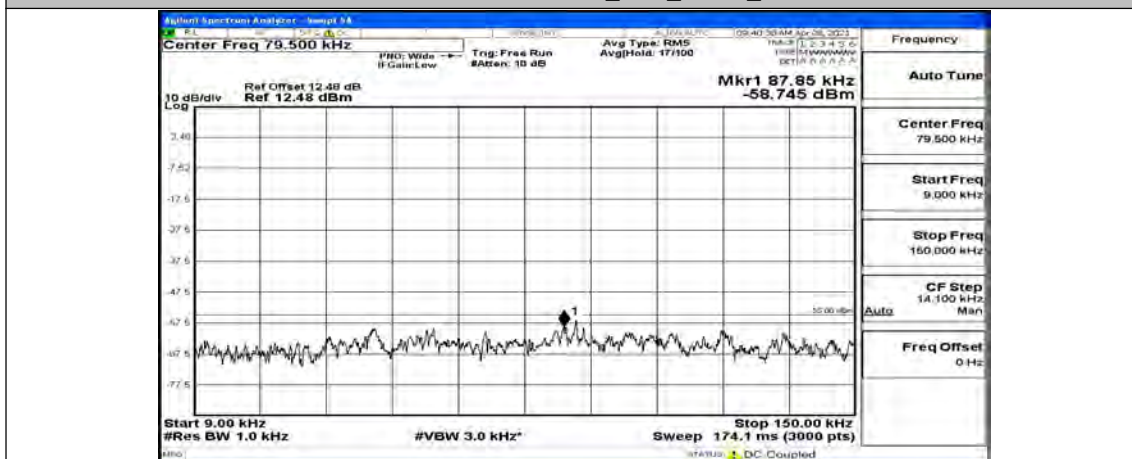
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0

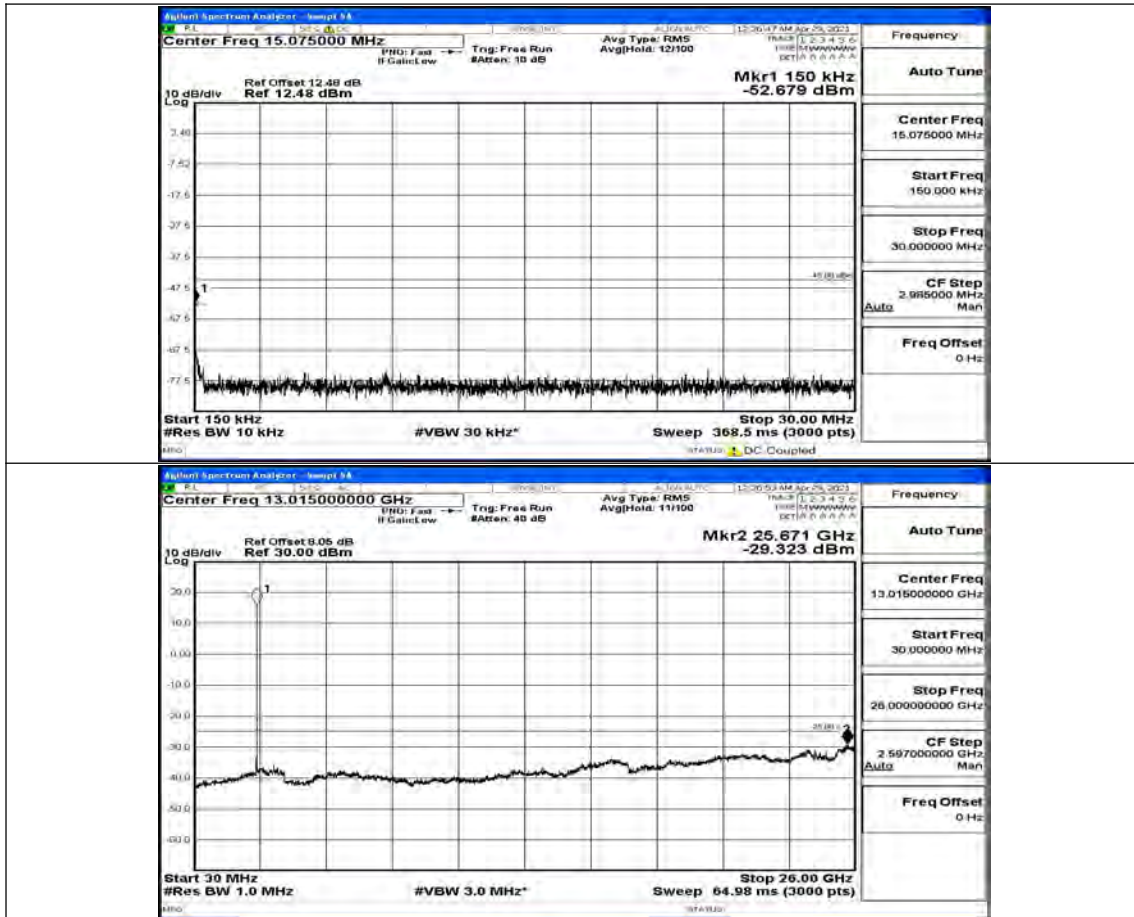


Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24

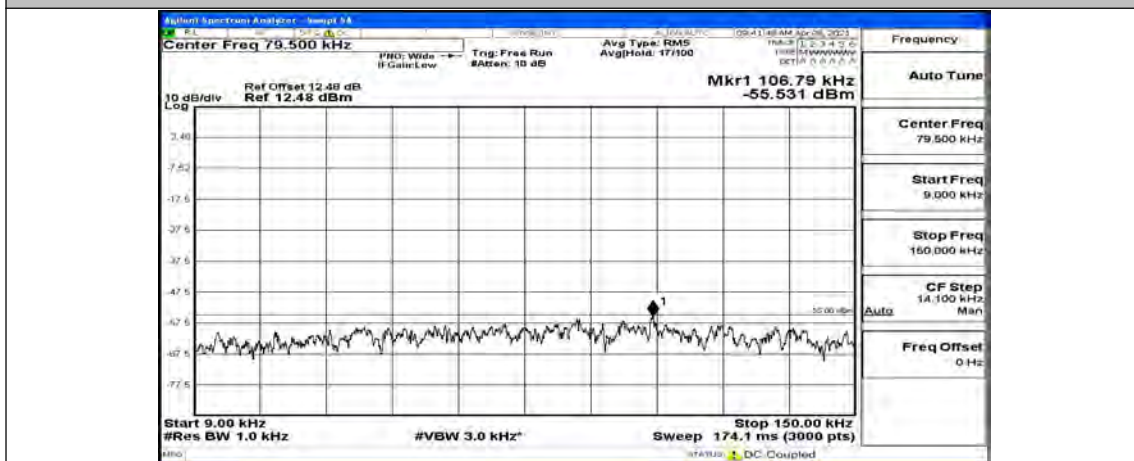


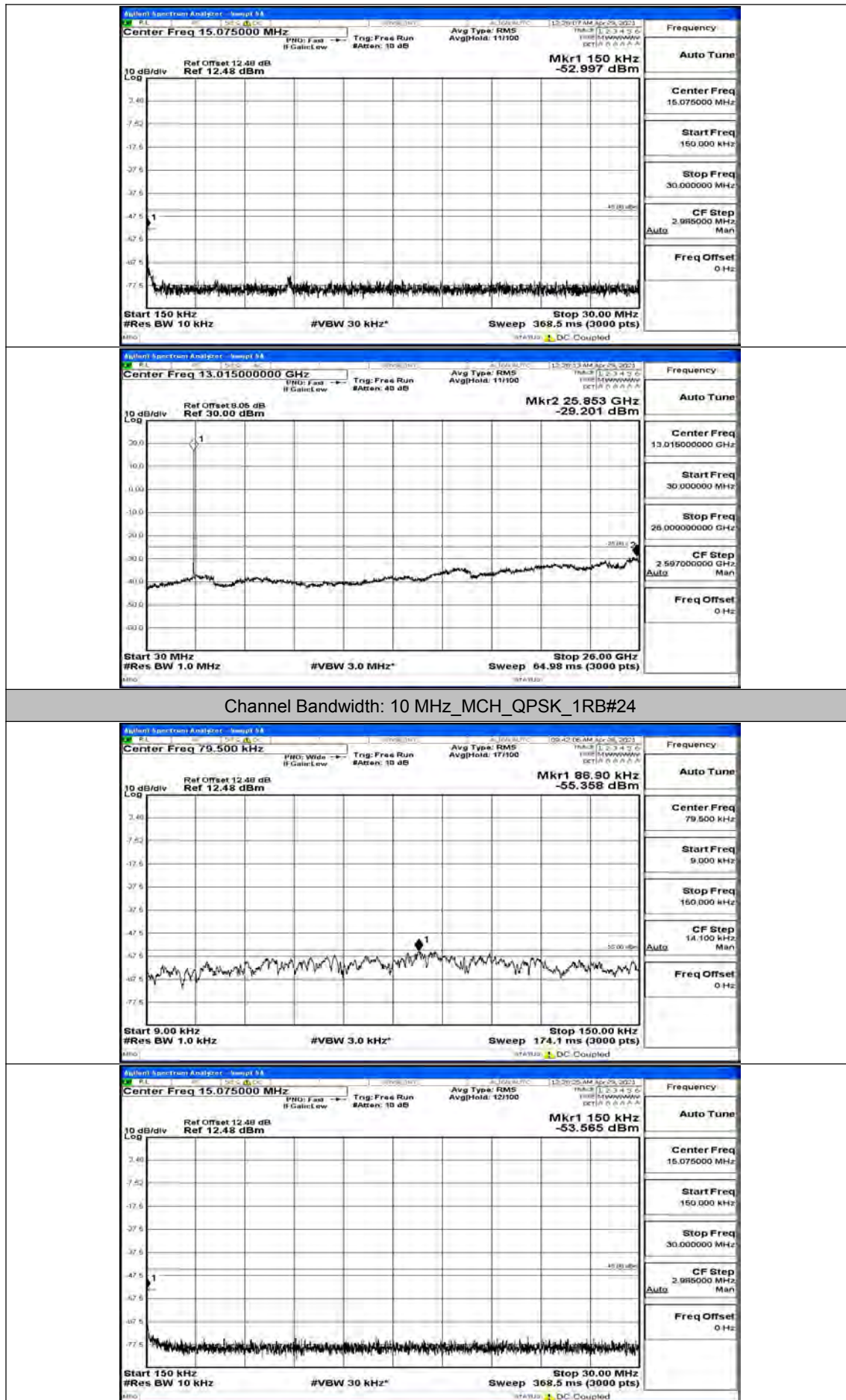
Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49

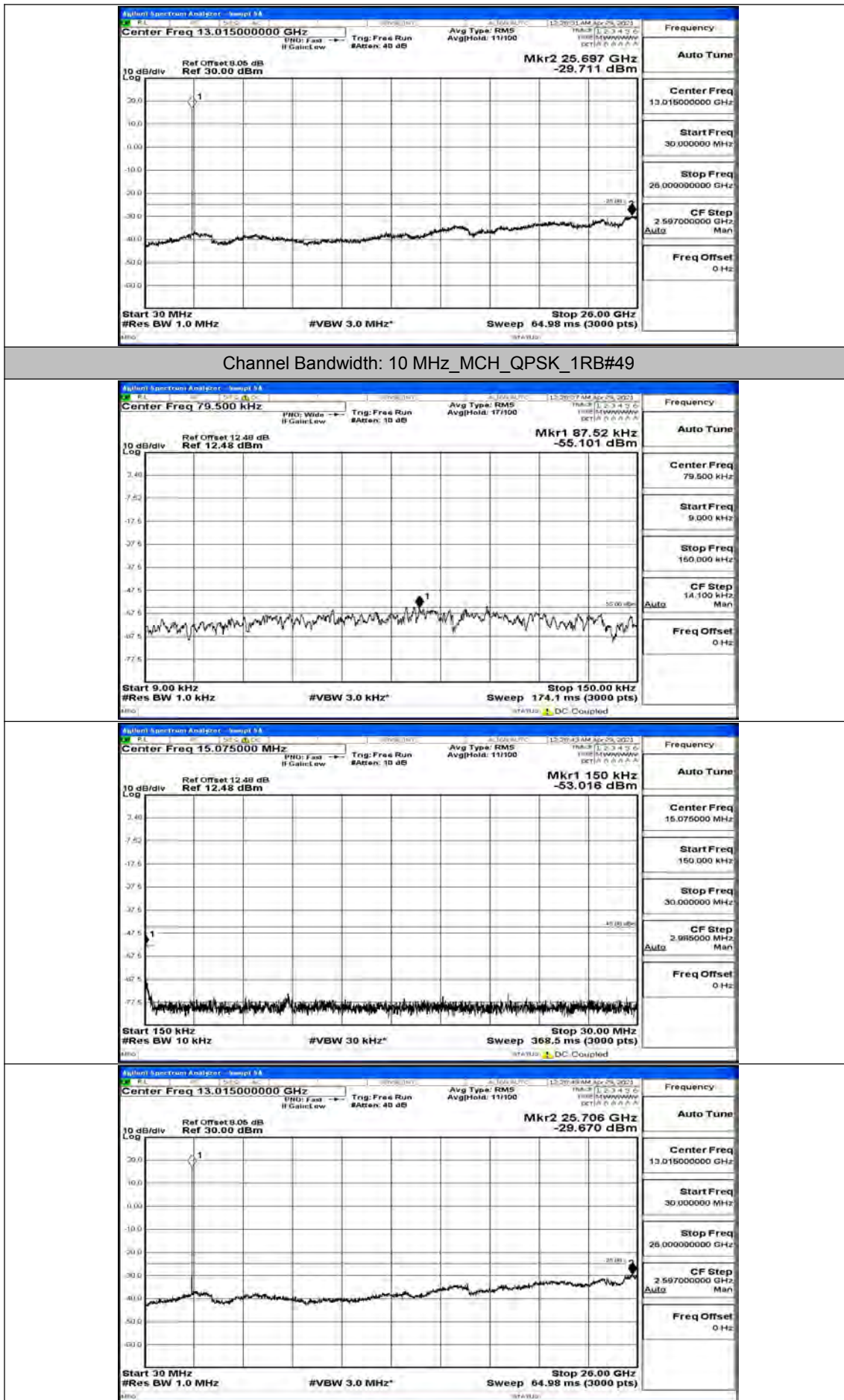




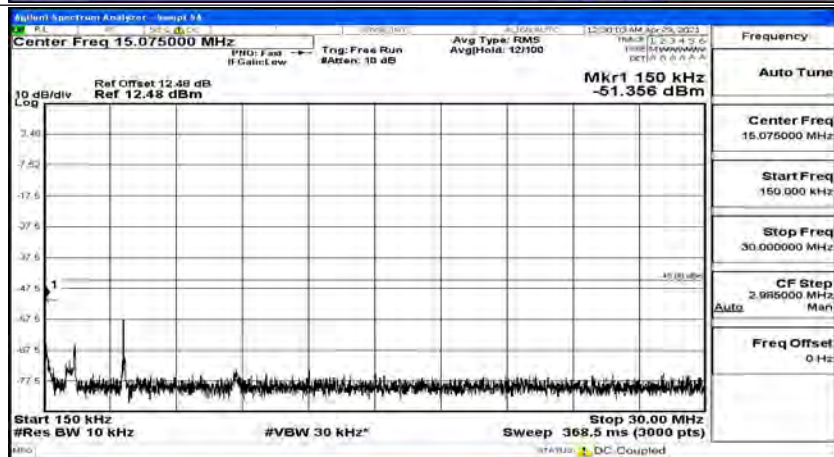
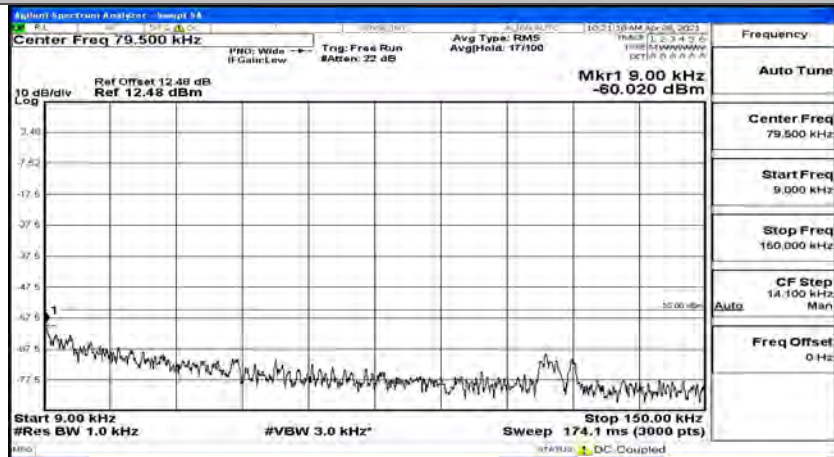
Channel Bandwidth: 10 MHz_MCH_QPSK_1RB#0



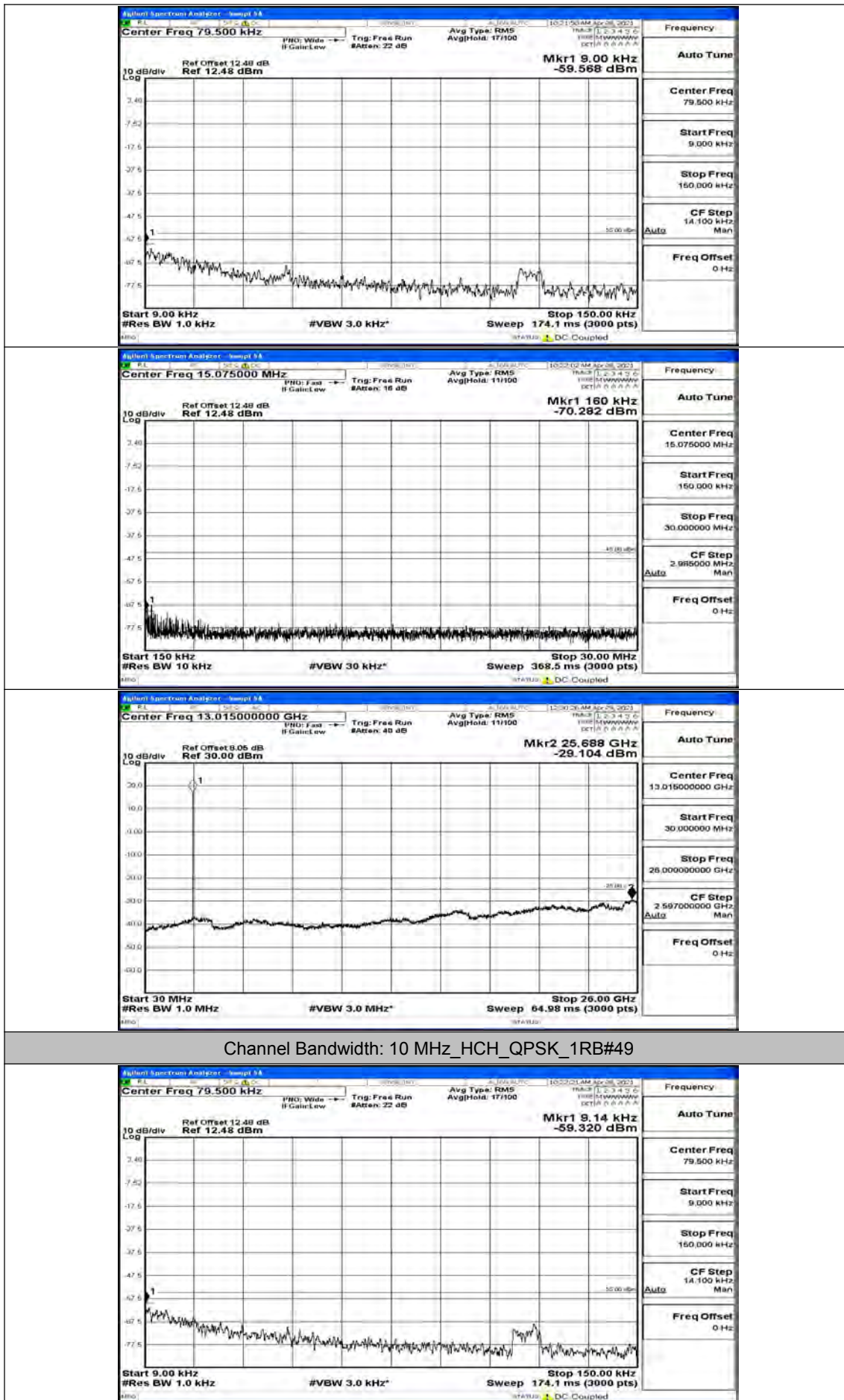


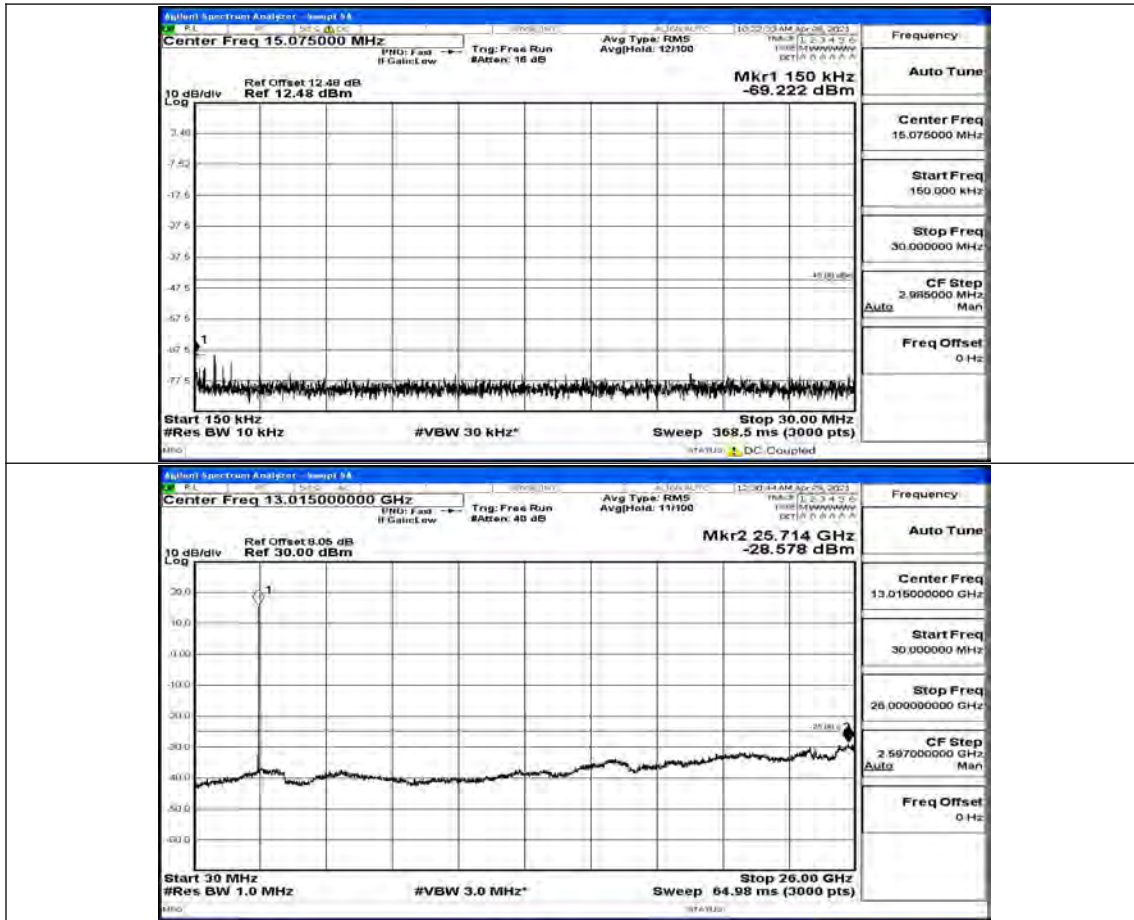


Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

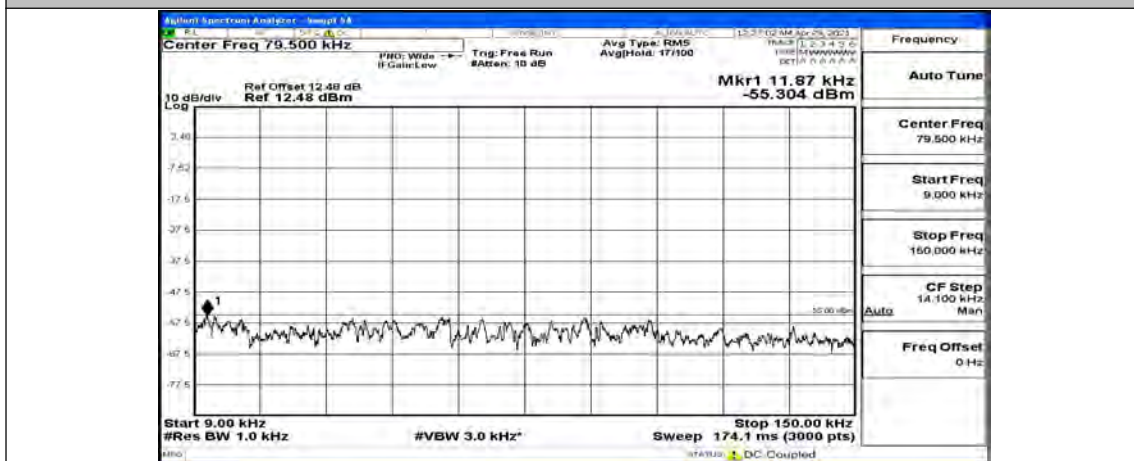


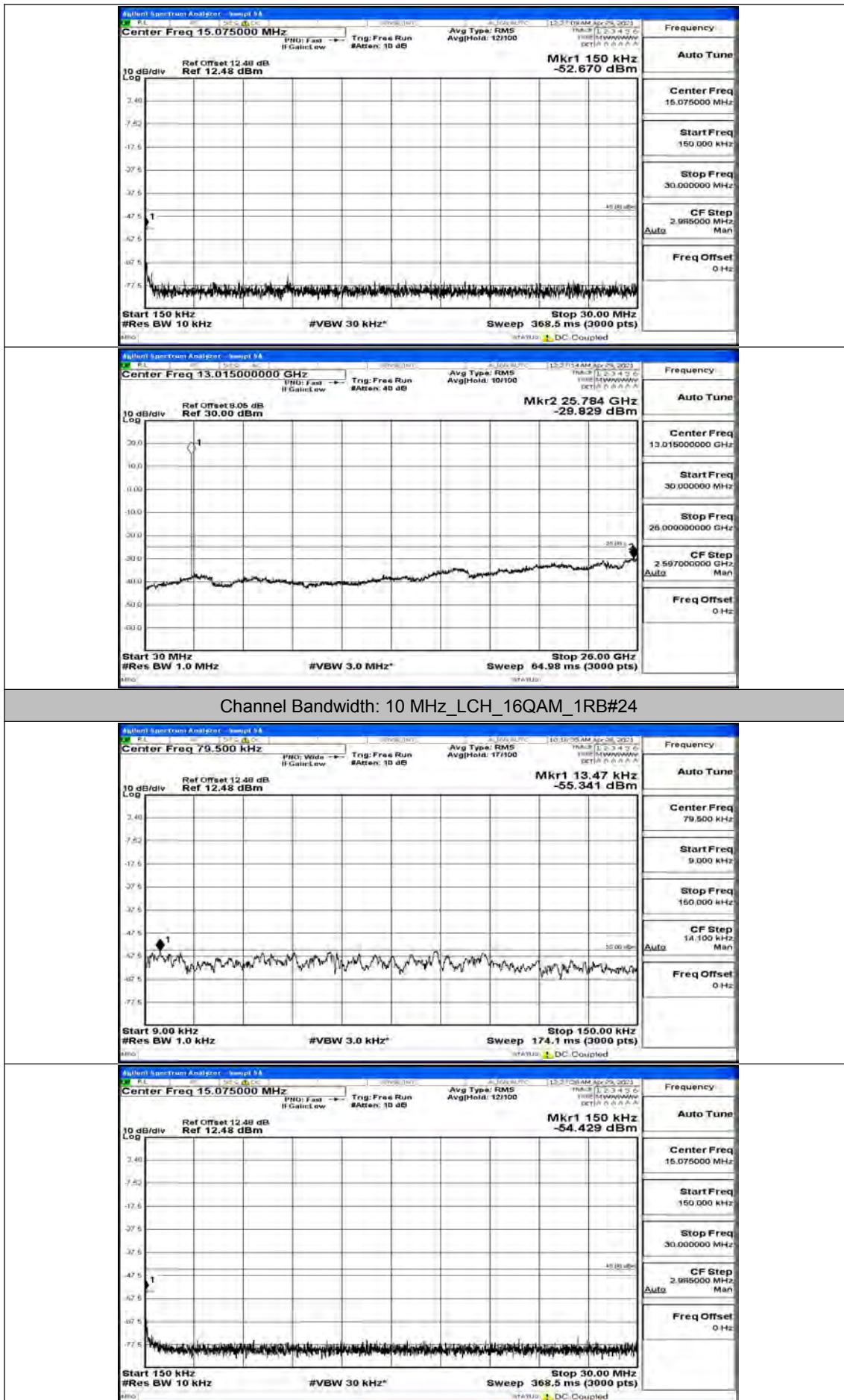
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

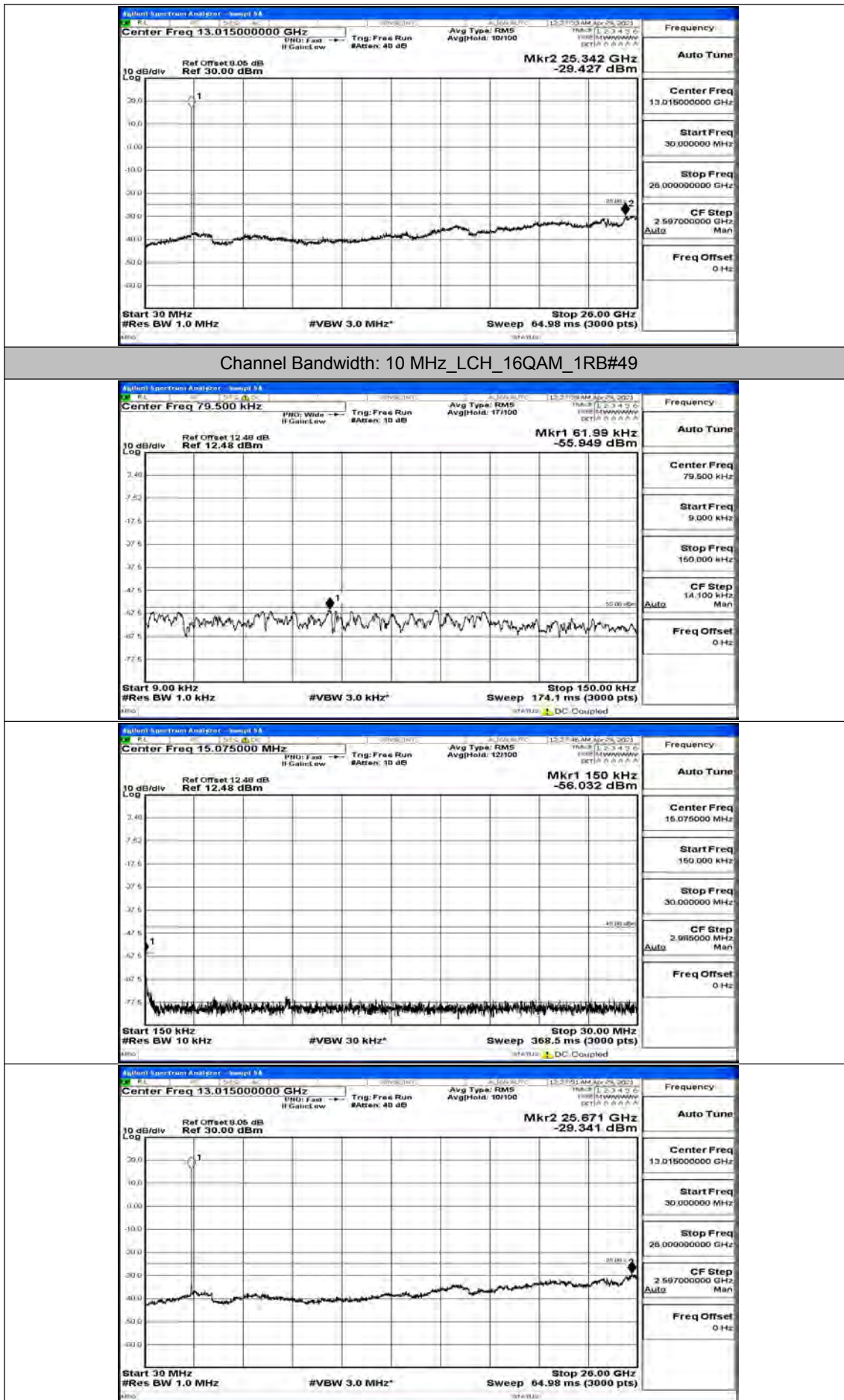




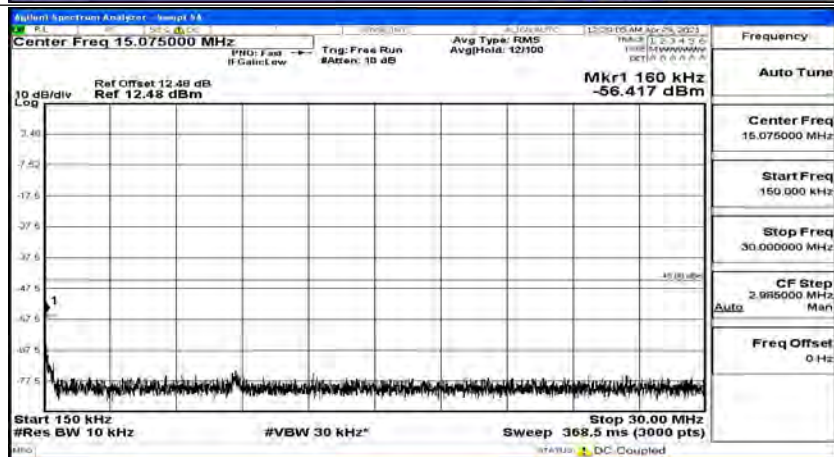
Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



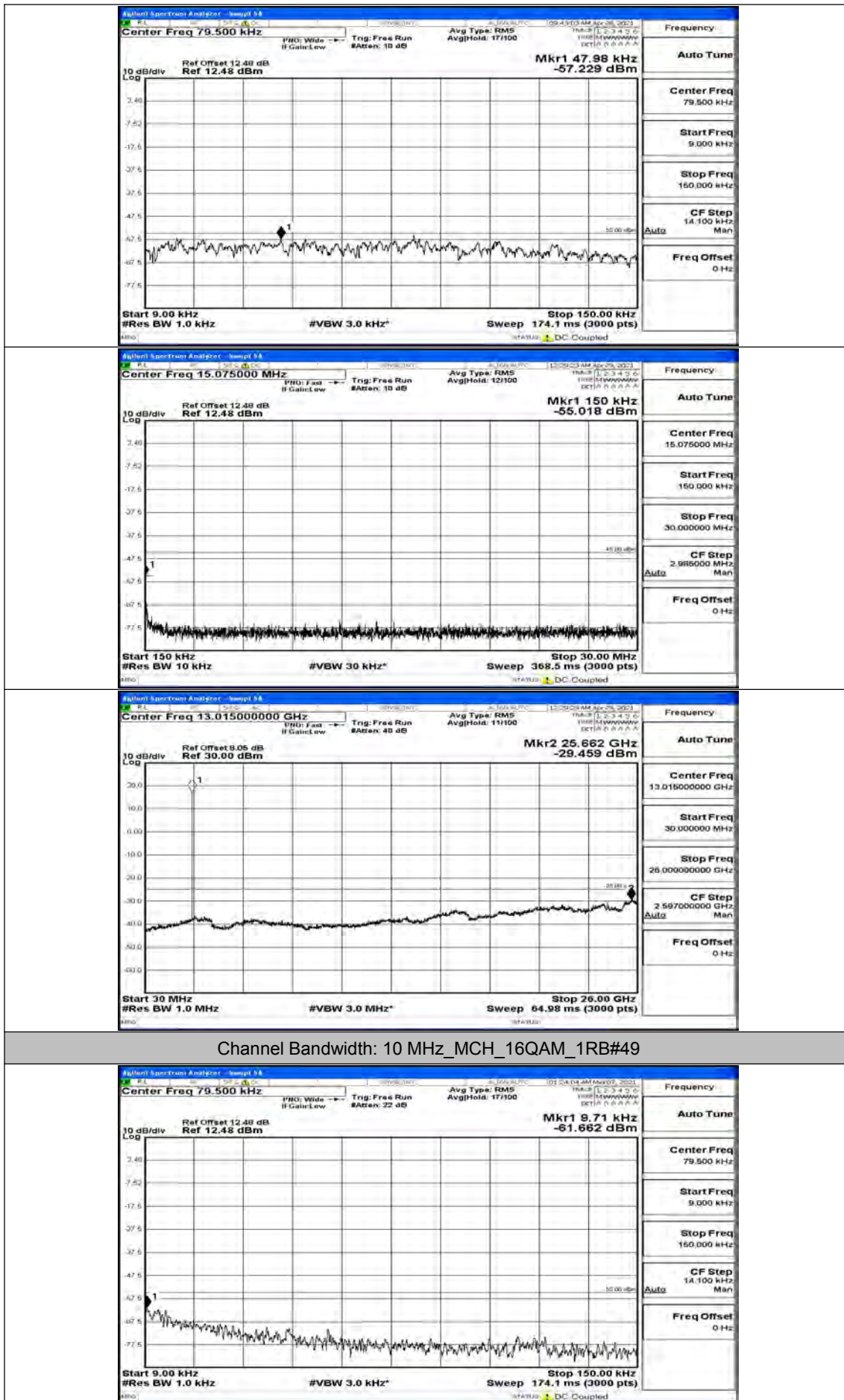


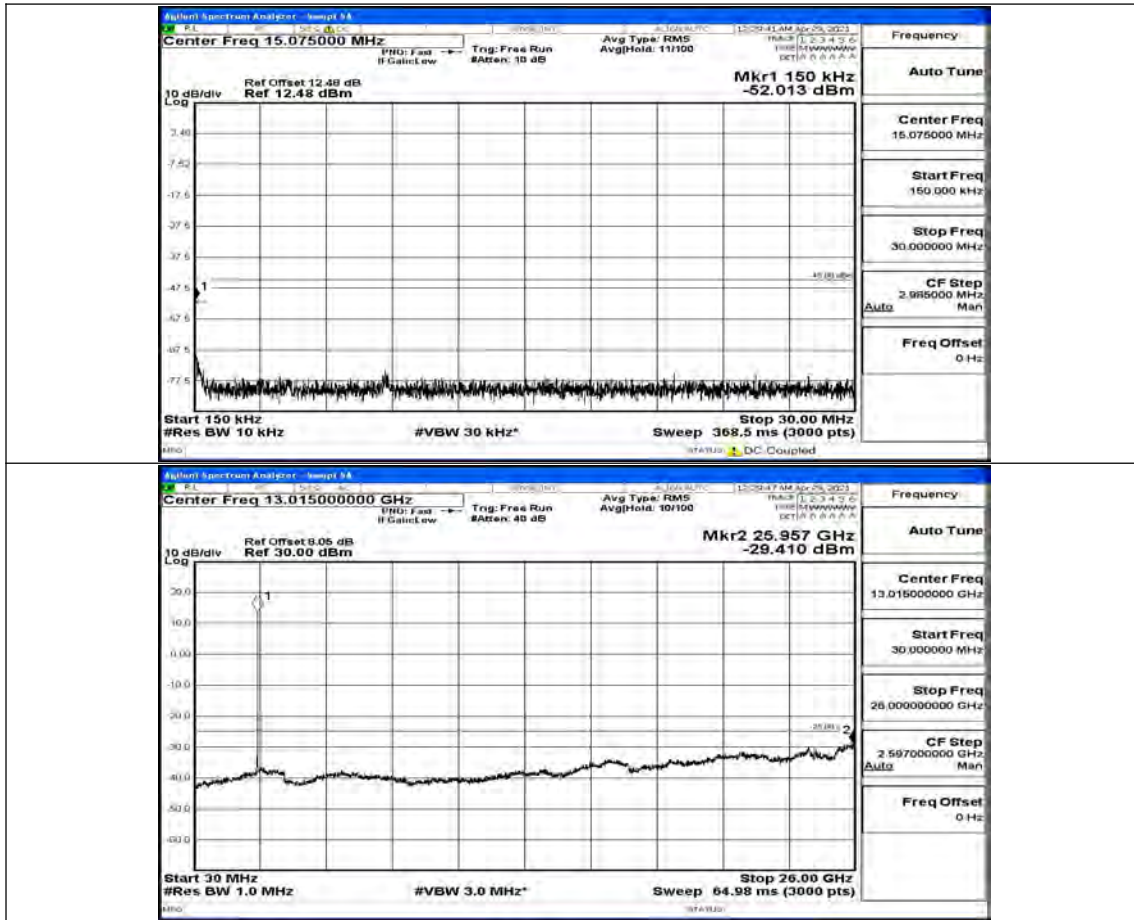


Channel Bandwidth: 10 MHz_MCH_16QAM_1RB#0

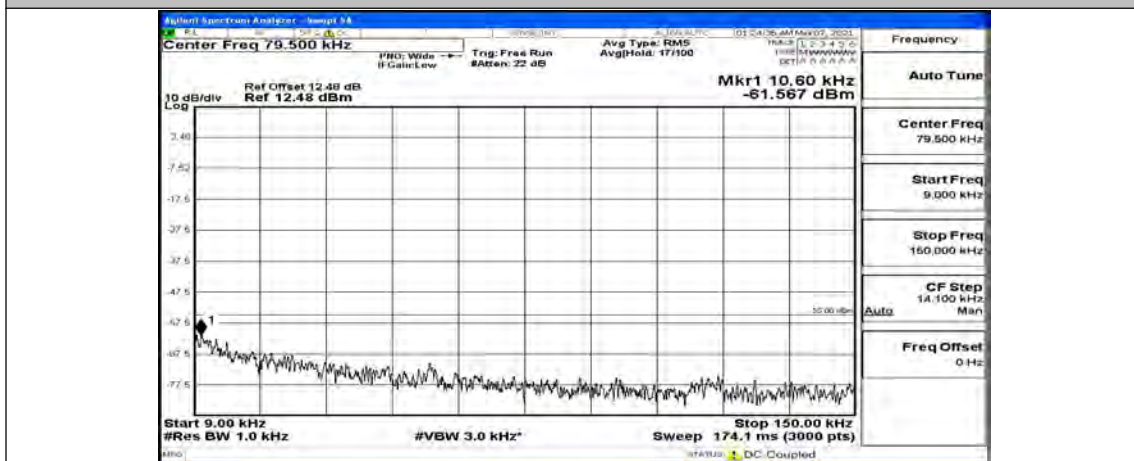


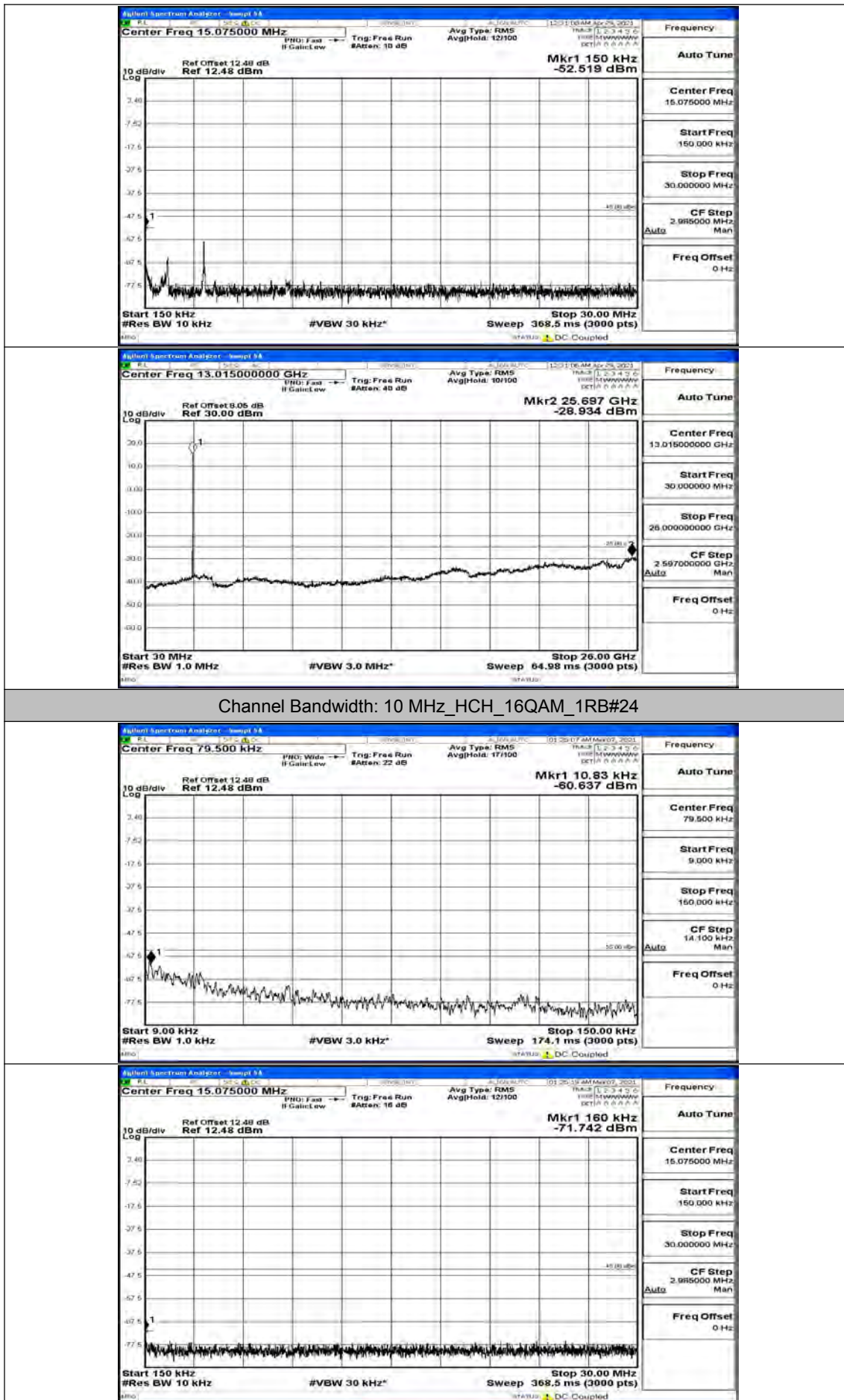
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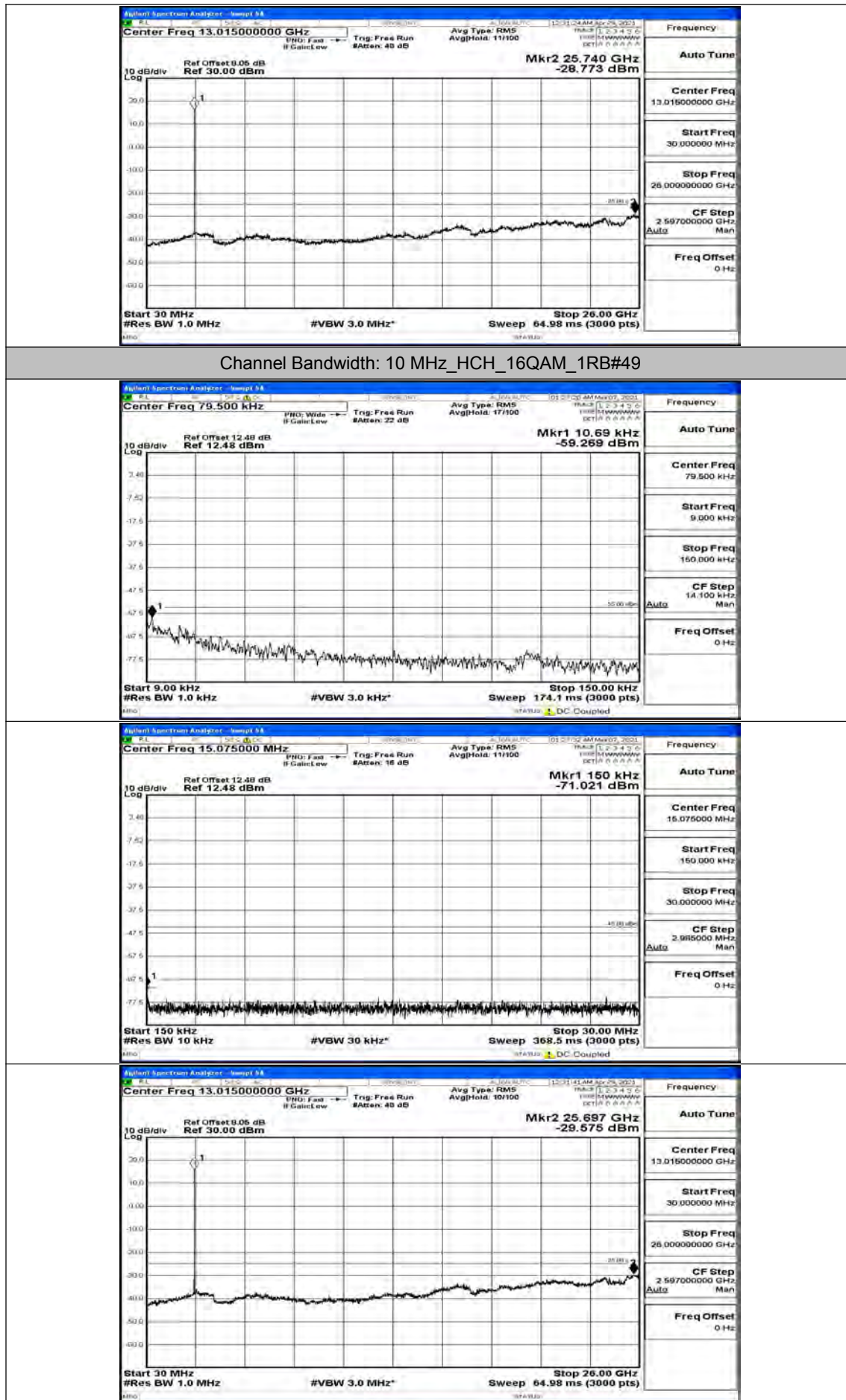




Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0

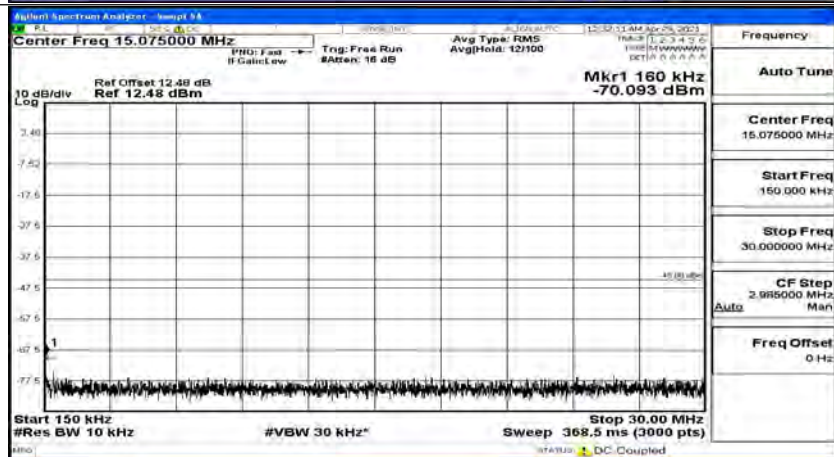
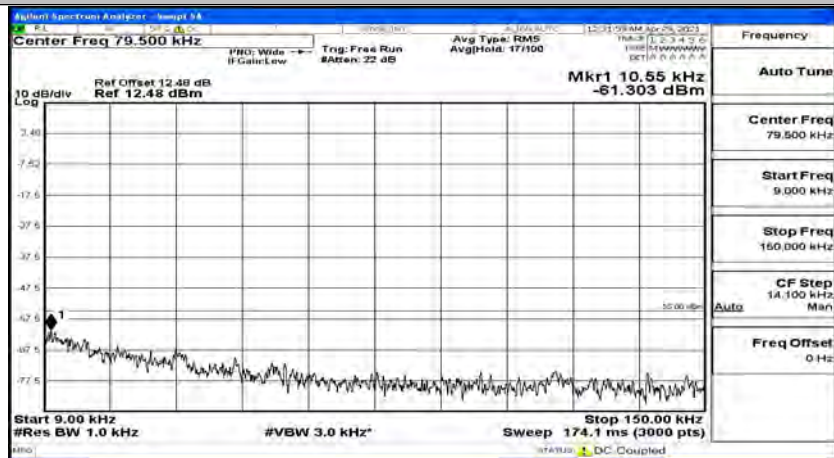




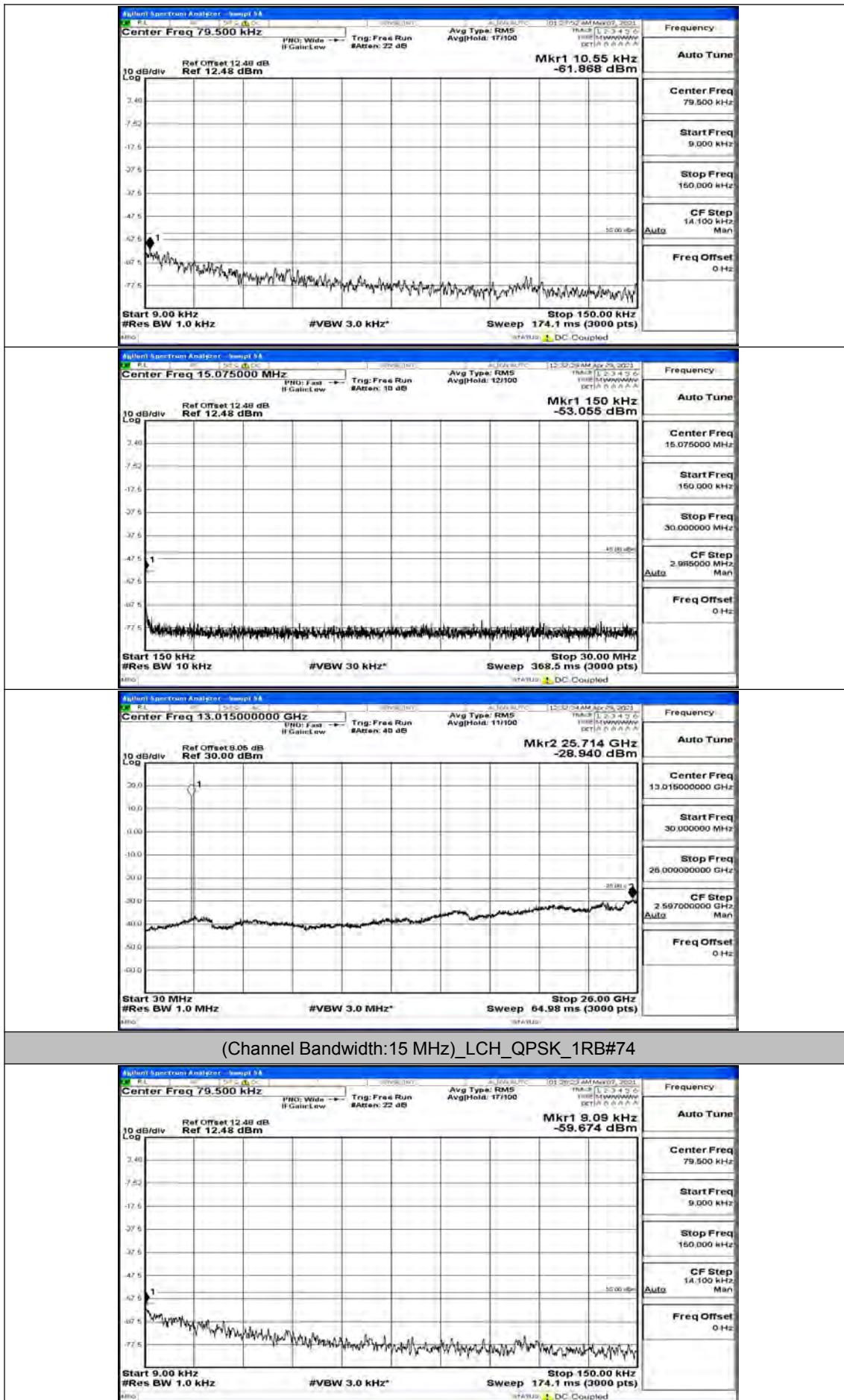


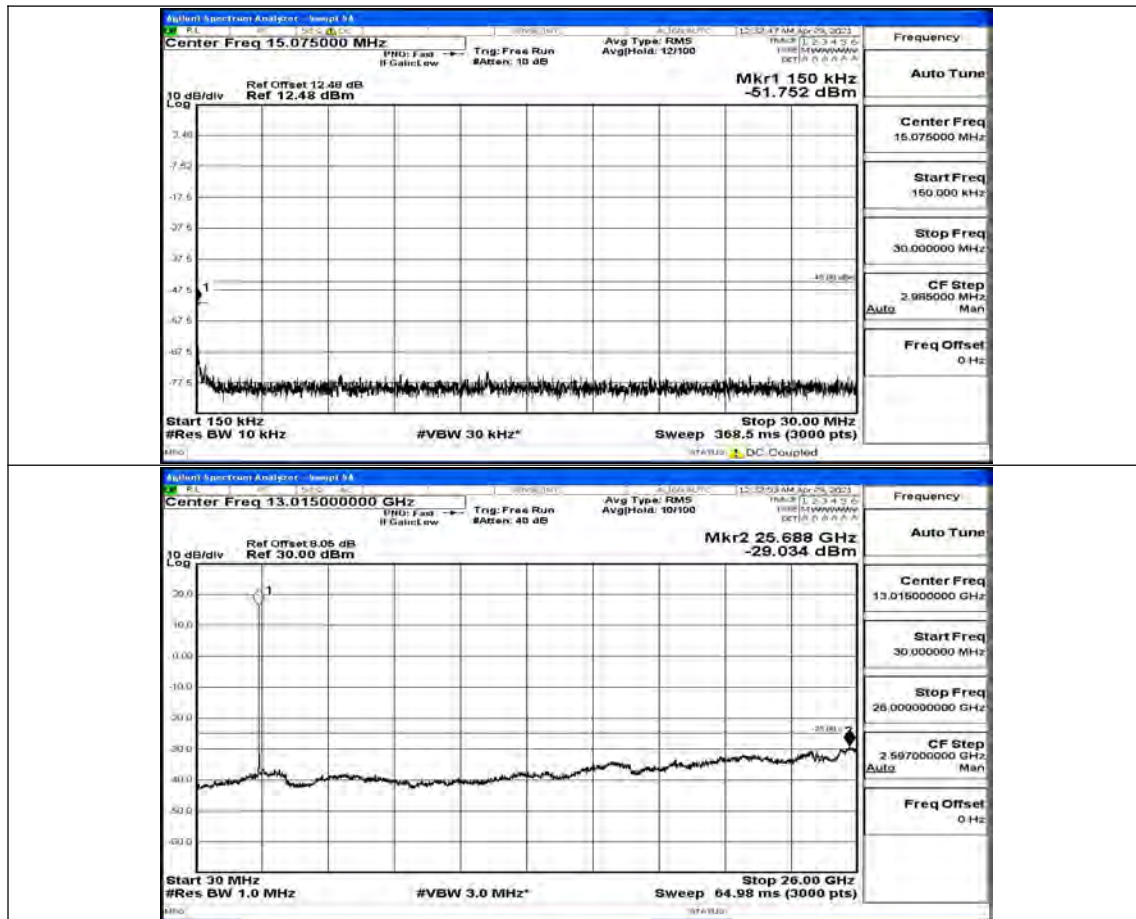
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#0

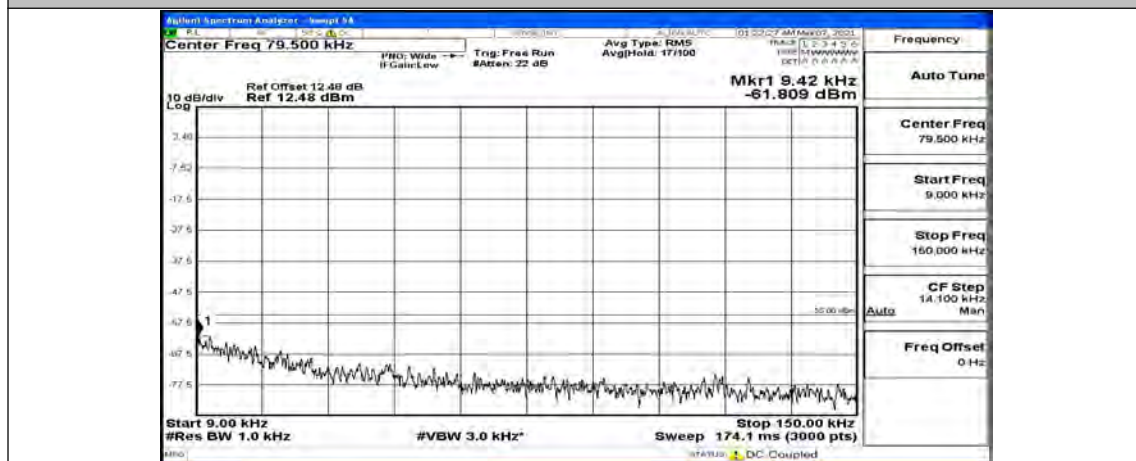


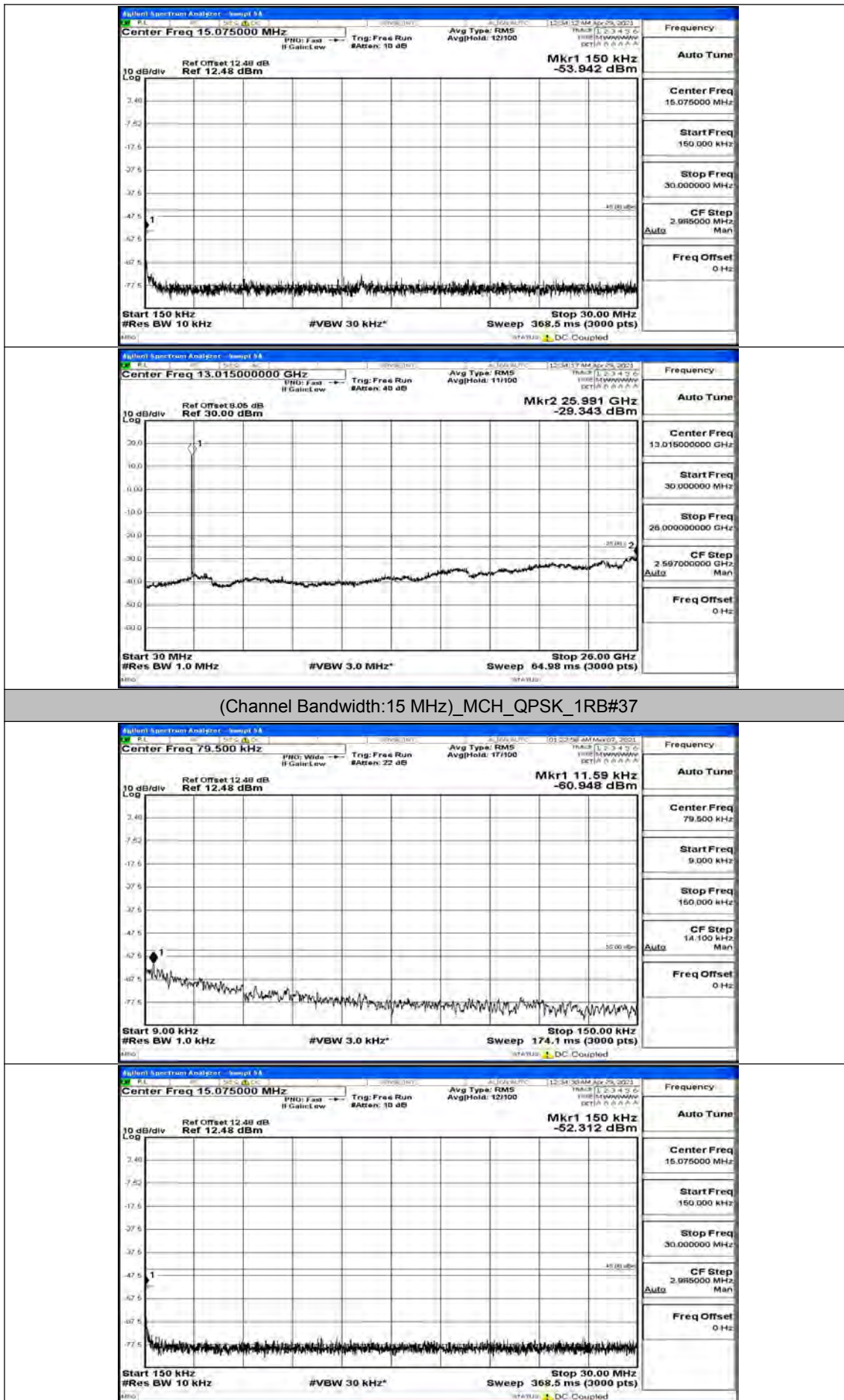
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#37





(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#0

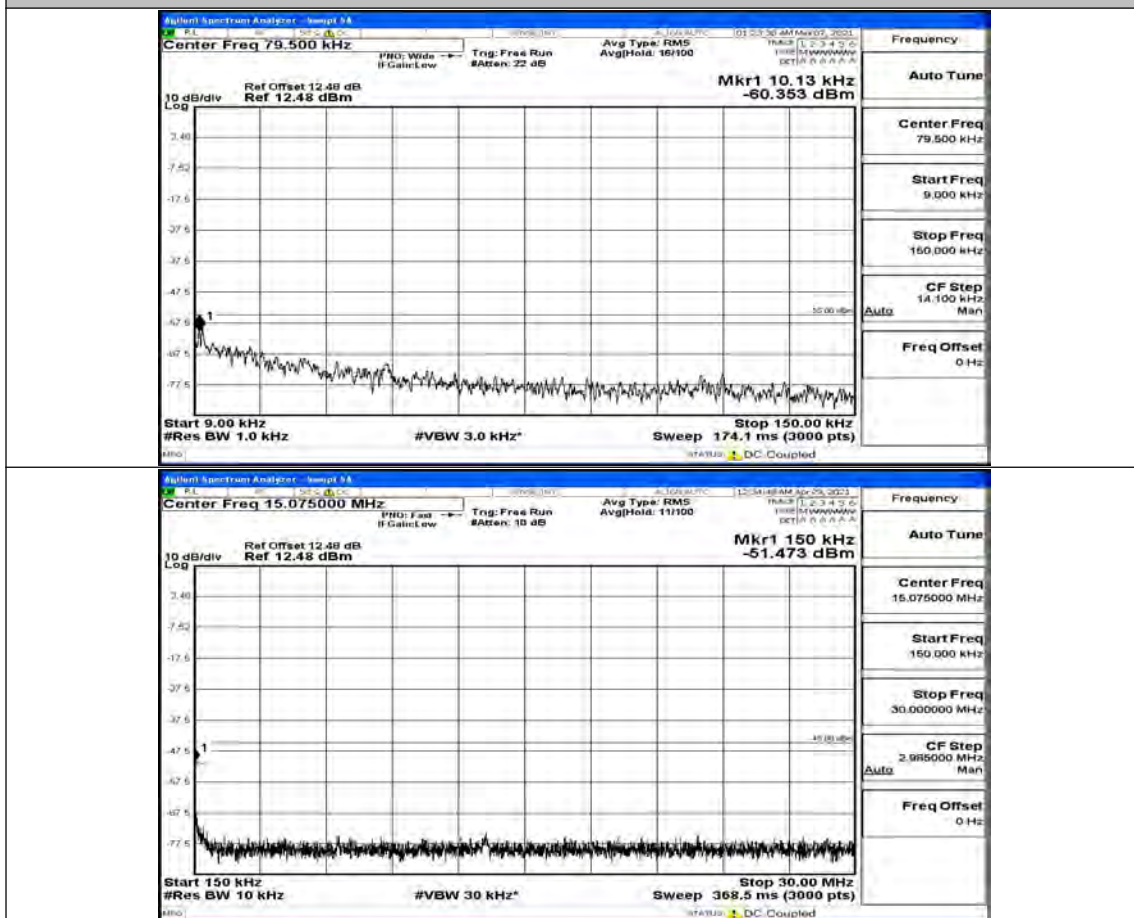




(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#37

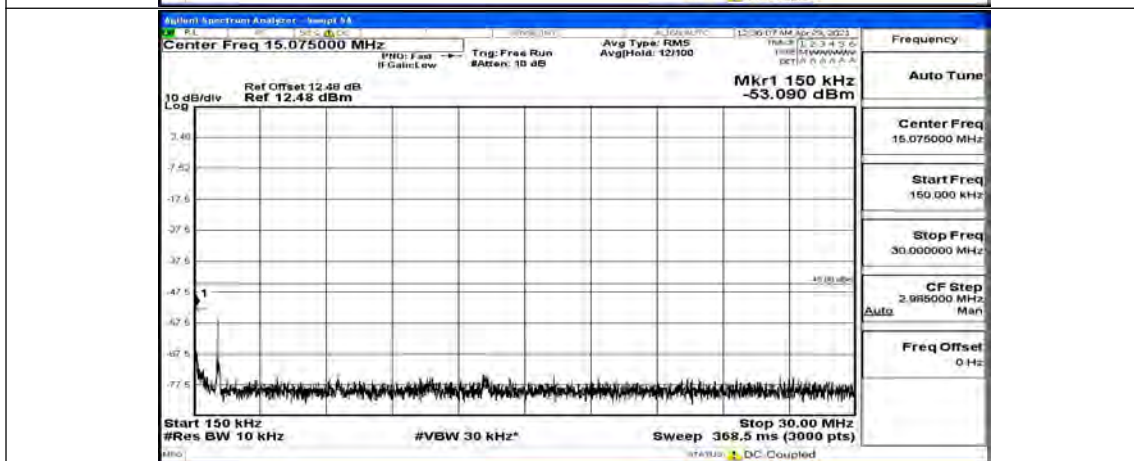
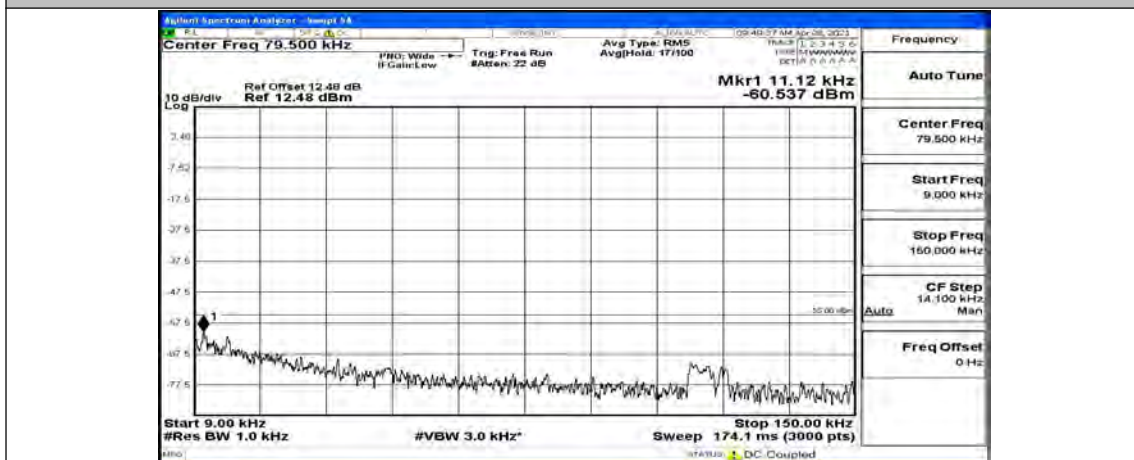


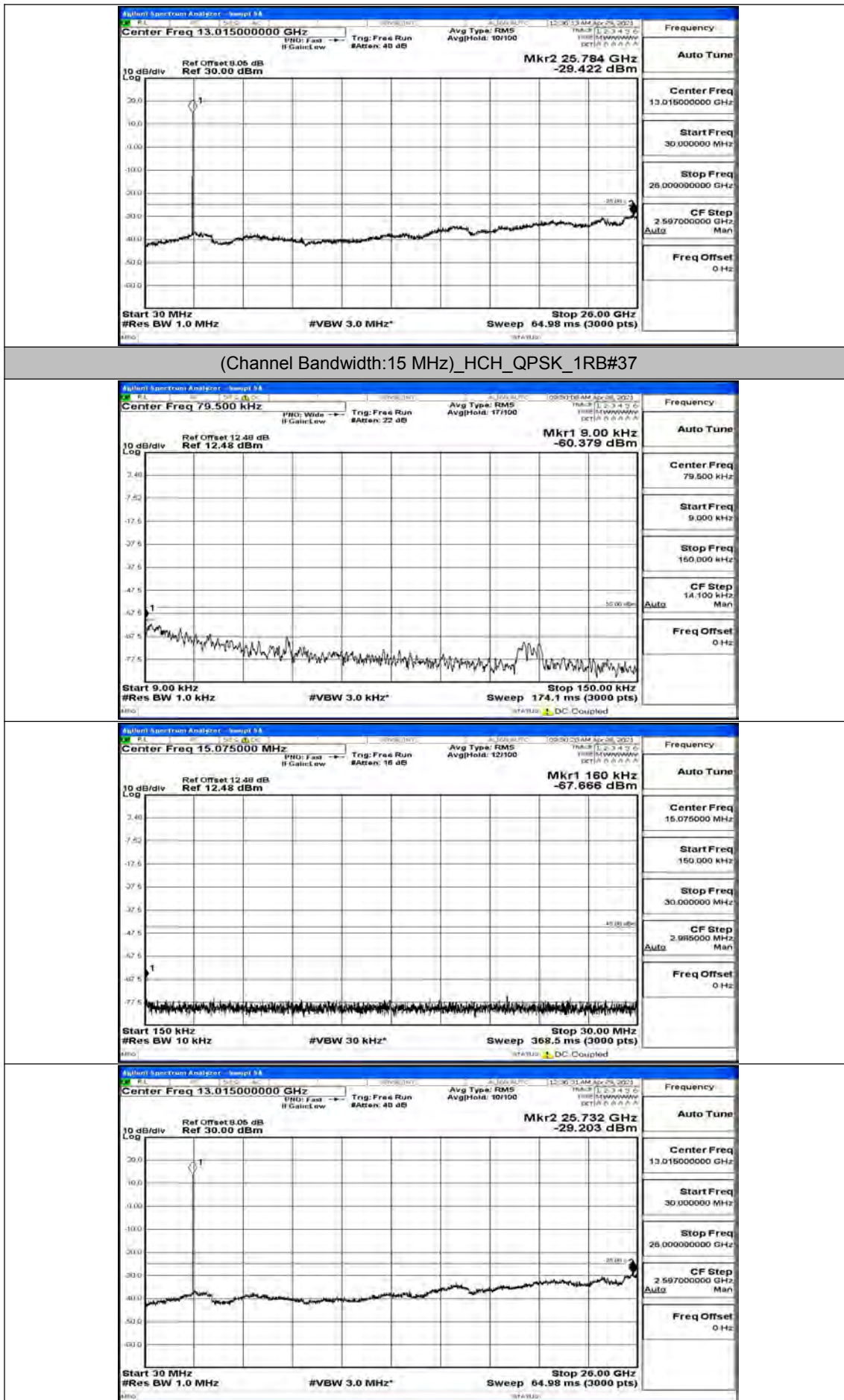
(Channel Bandwidth:15 MHz)_MCH_QPSK_1RB#74



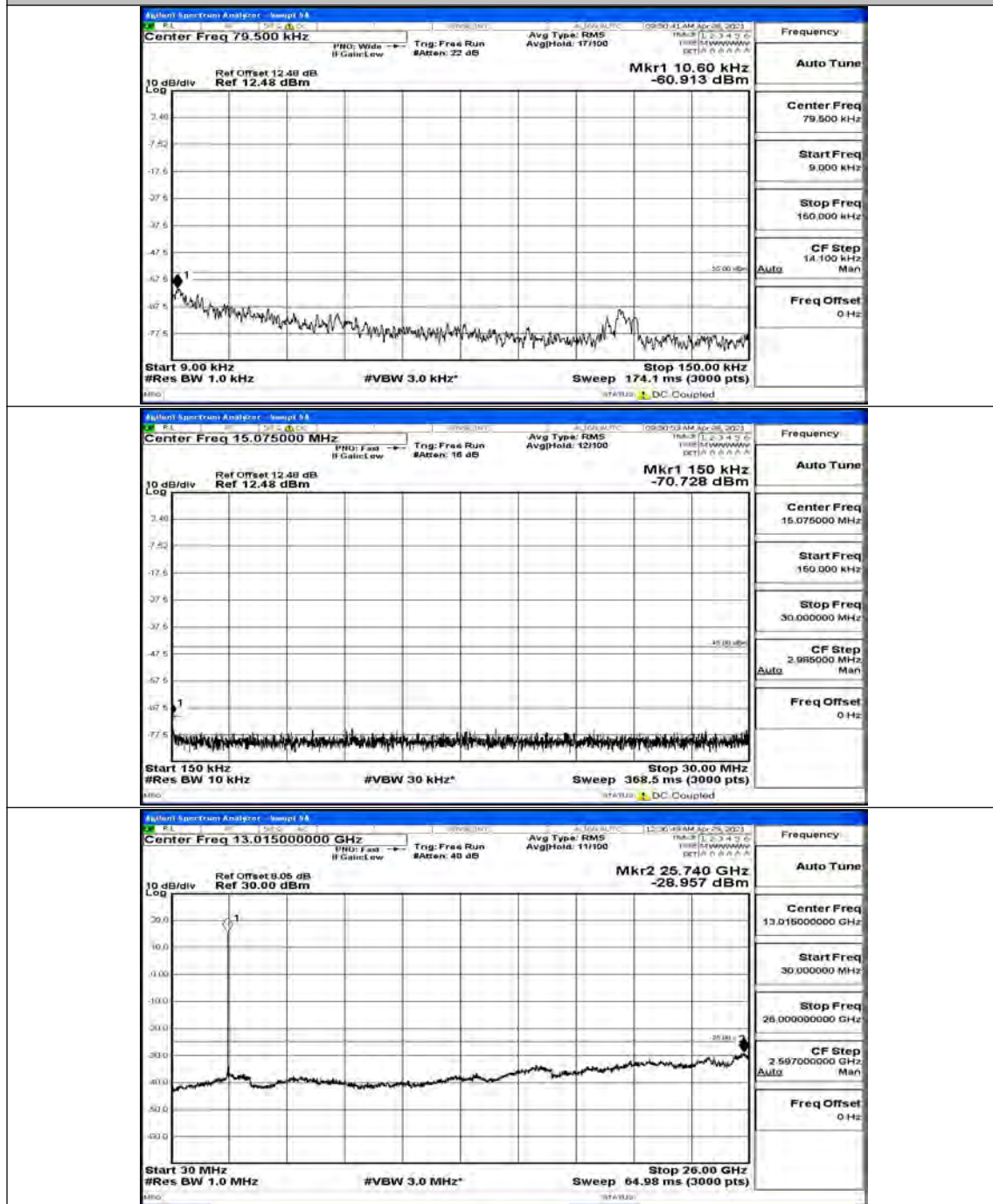


(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0

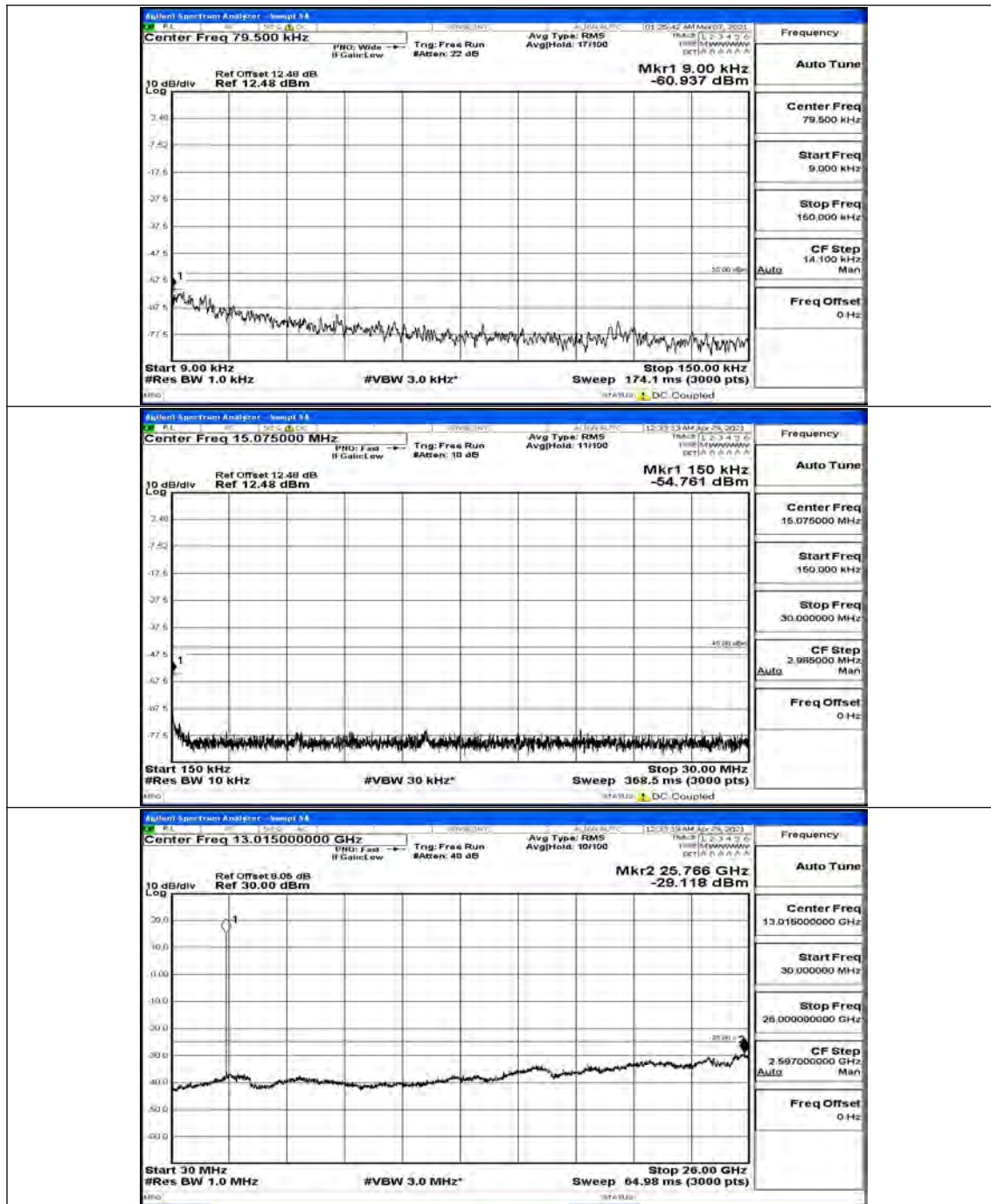




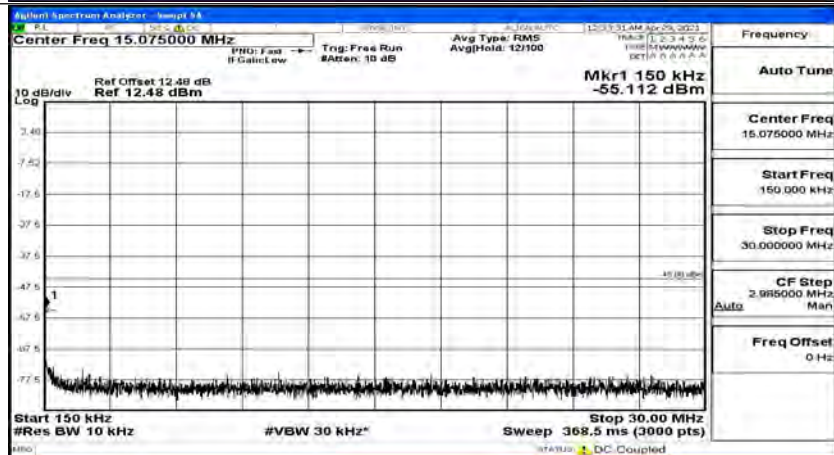
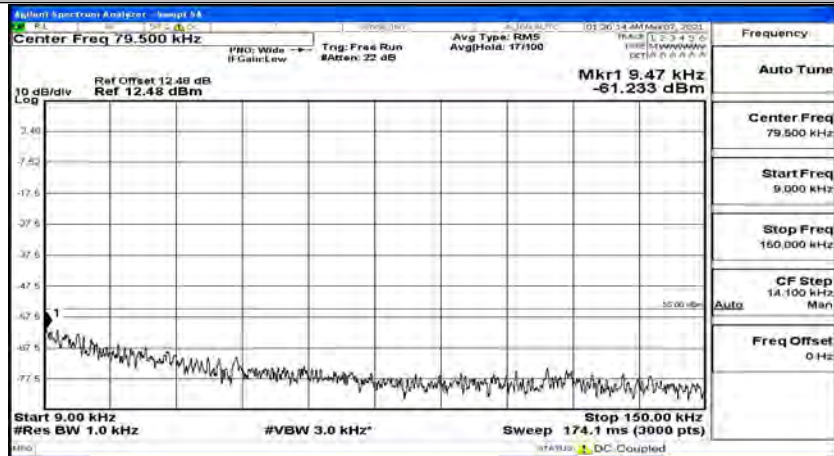
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



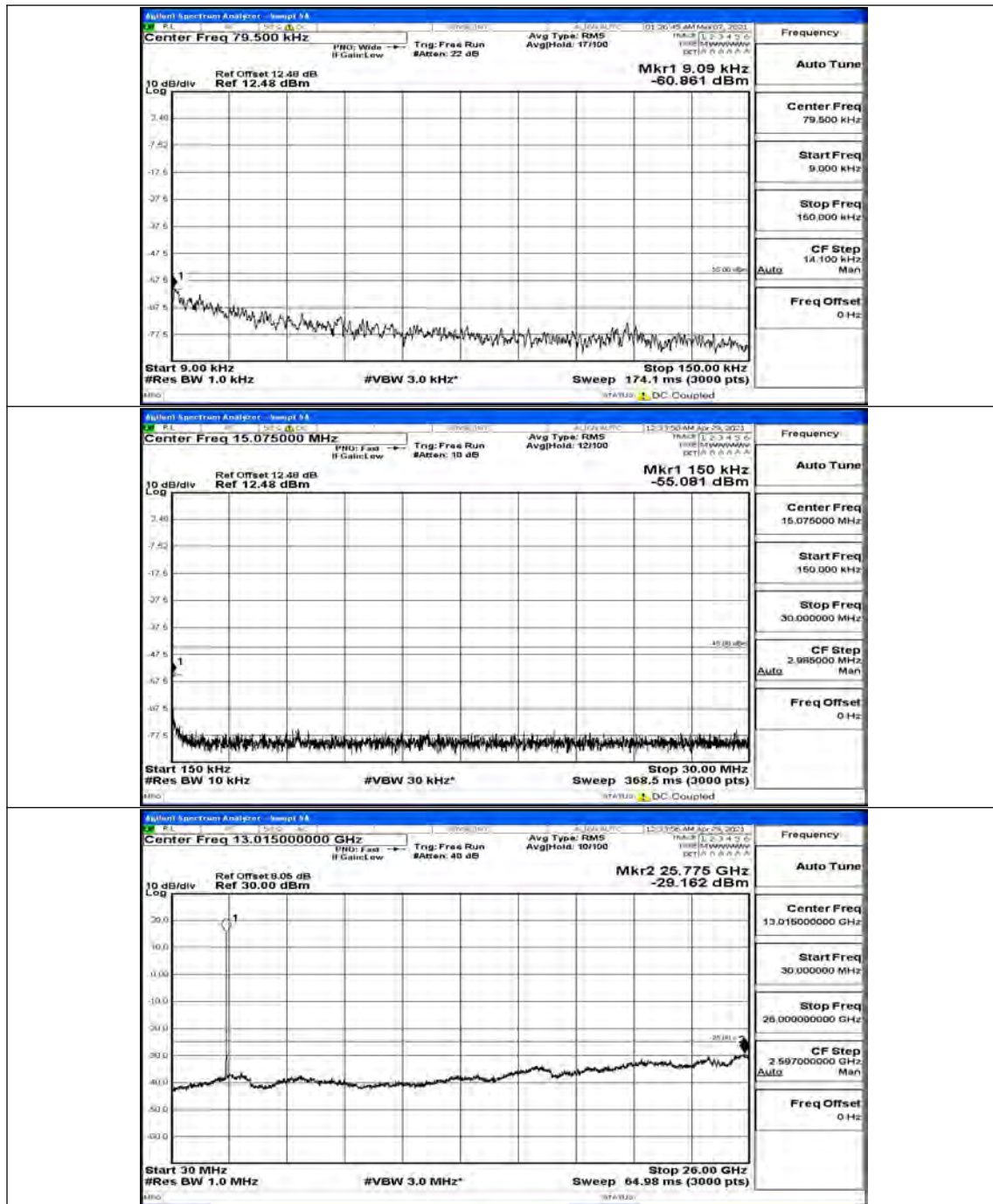
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



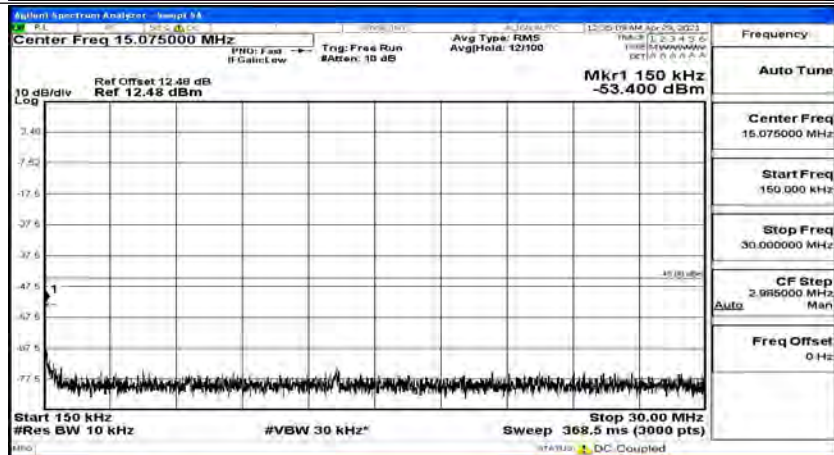
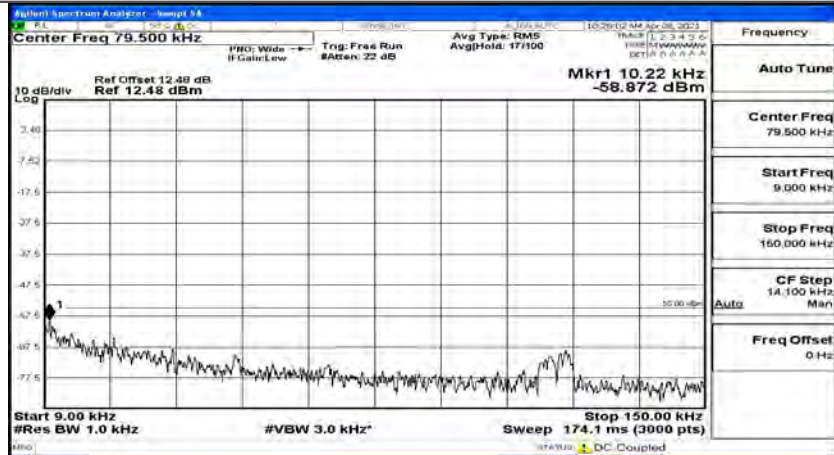
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



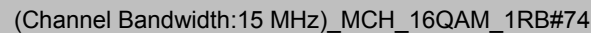
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74

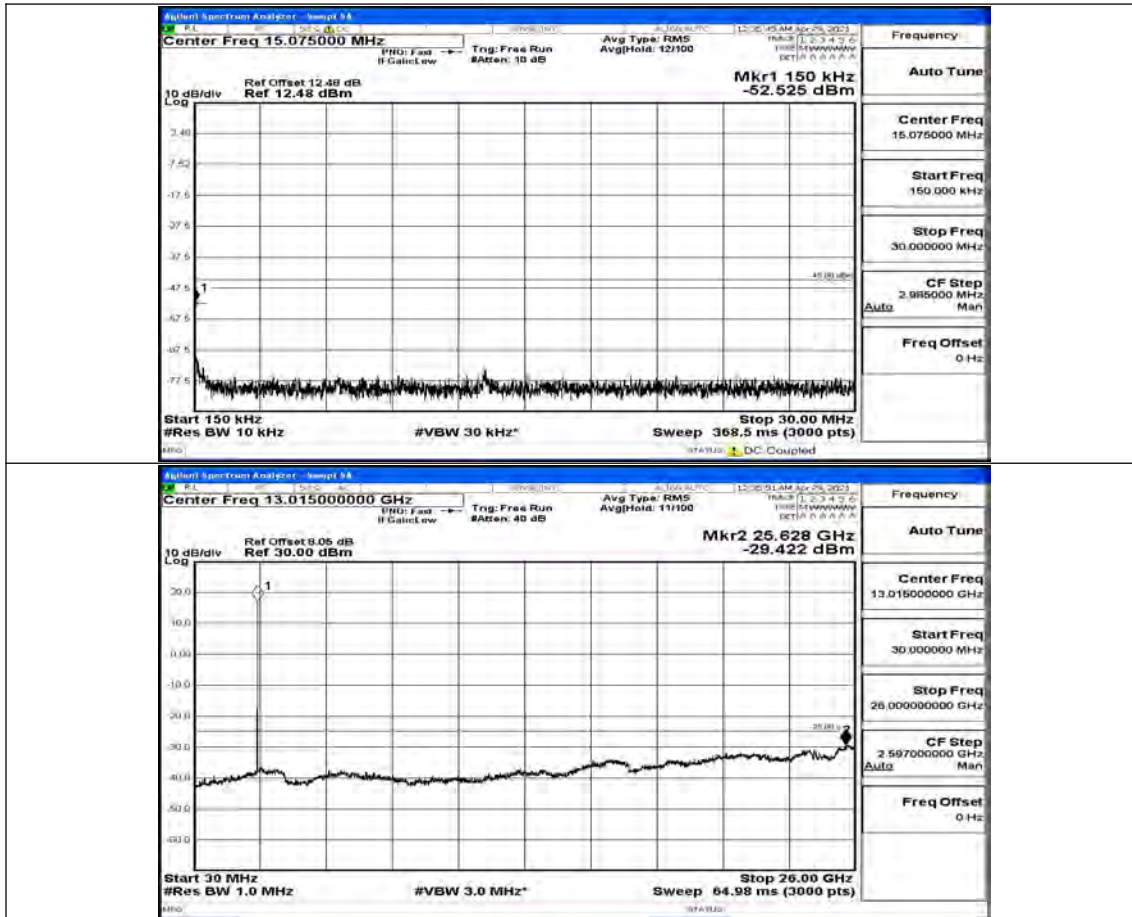


(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#0

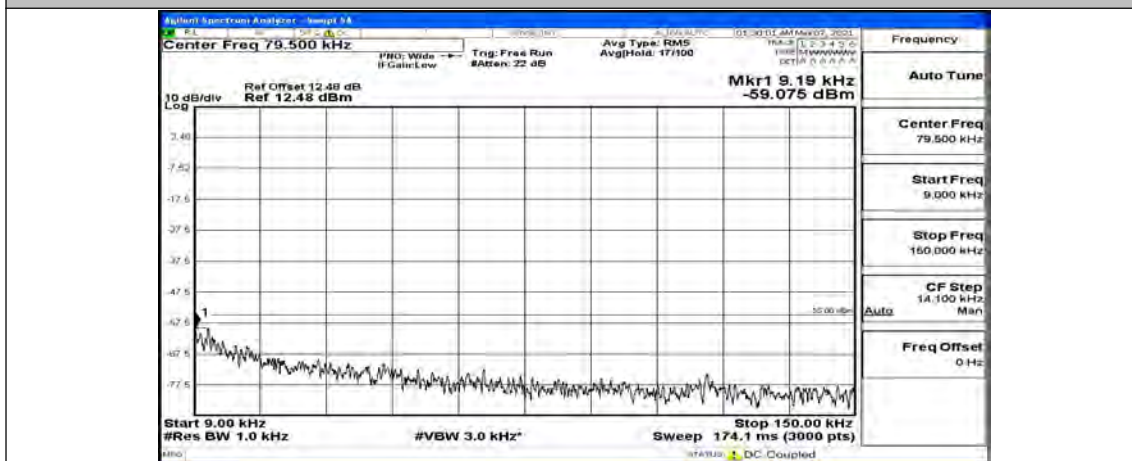


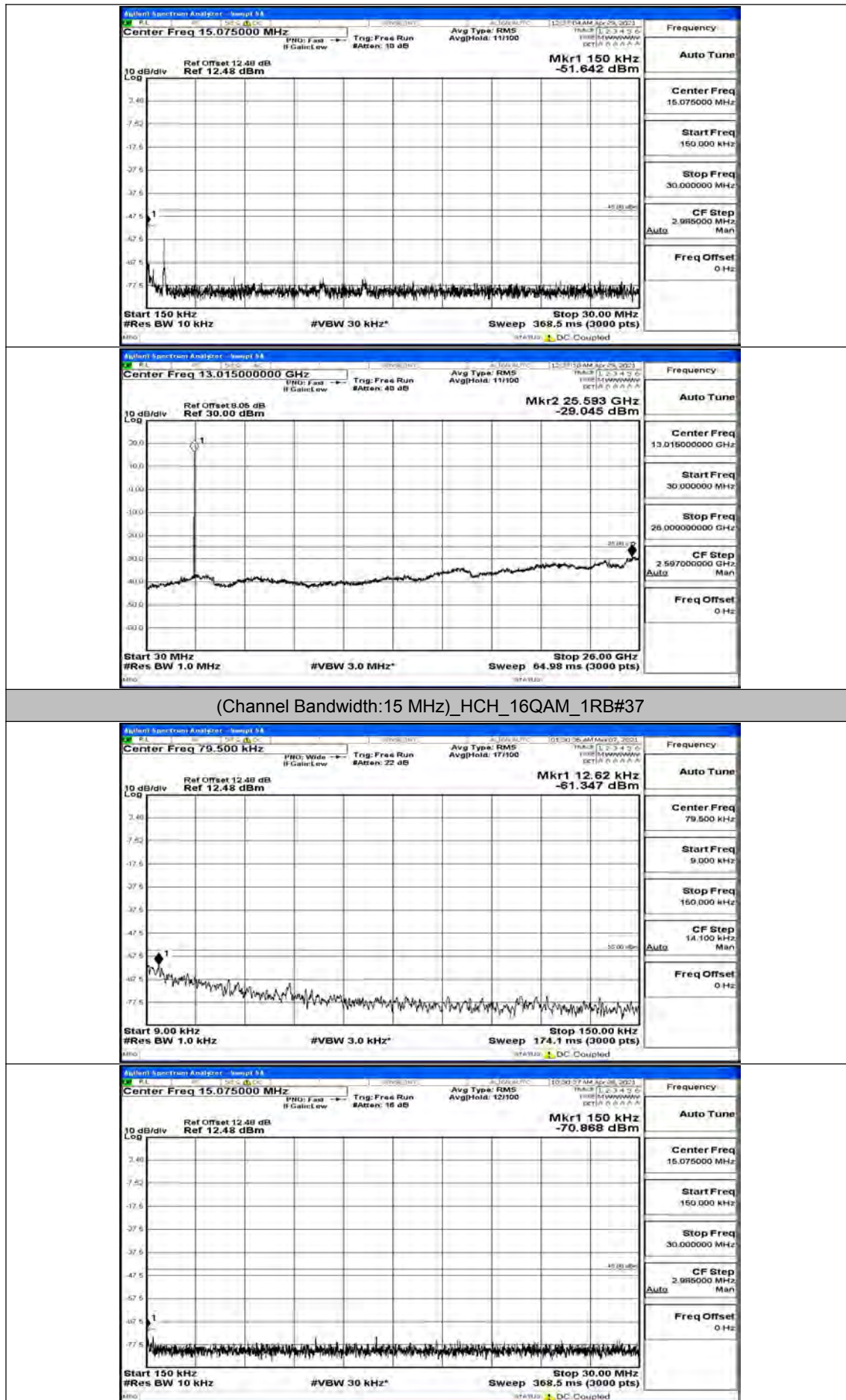
(Channel Bandwidth:15 MHz)_MCH_16QAM_1RB#37

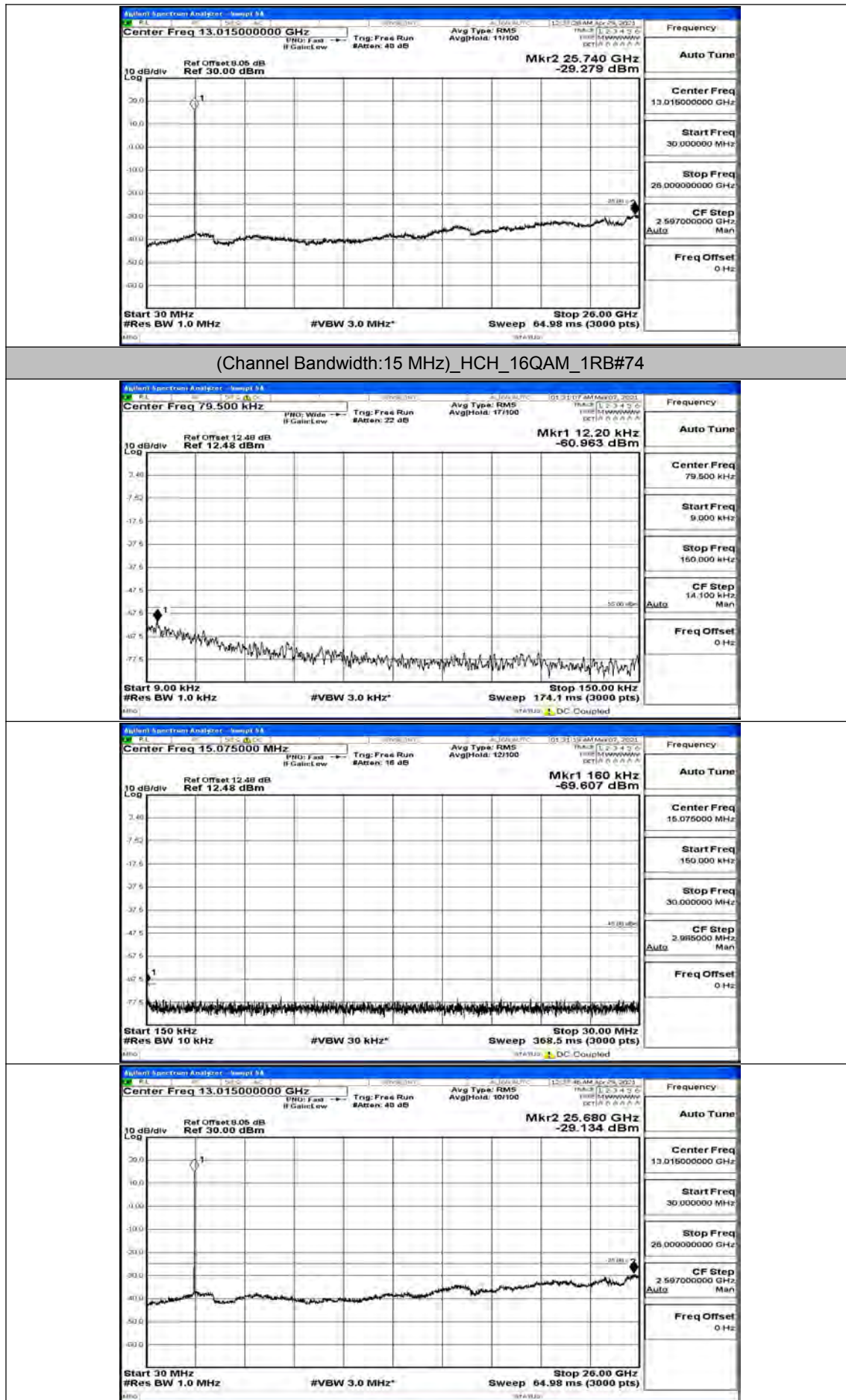




(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0

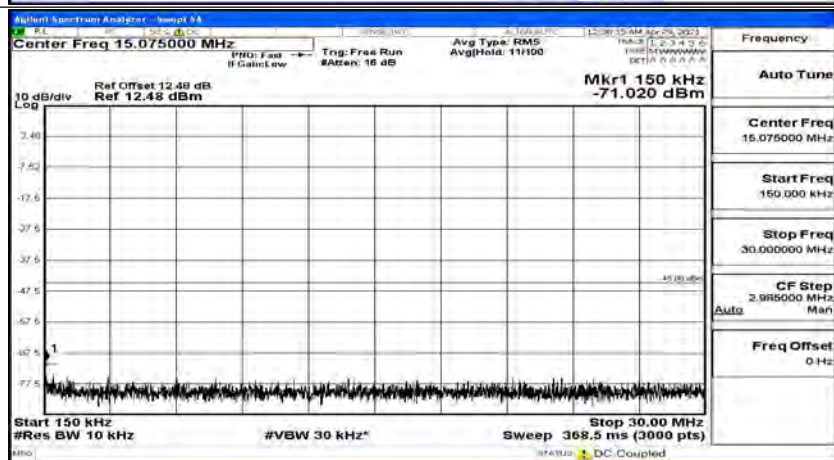
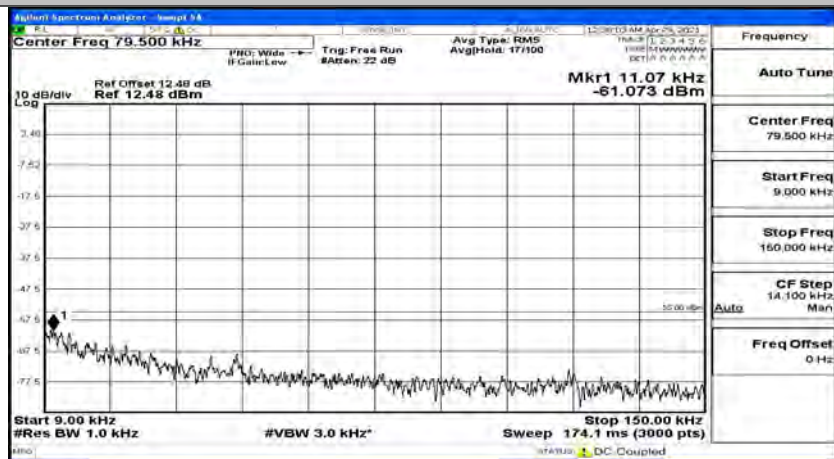




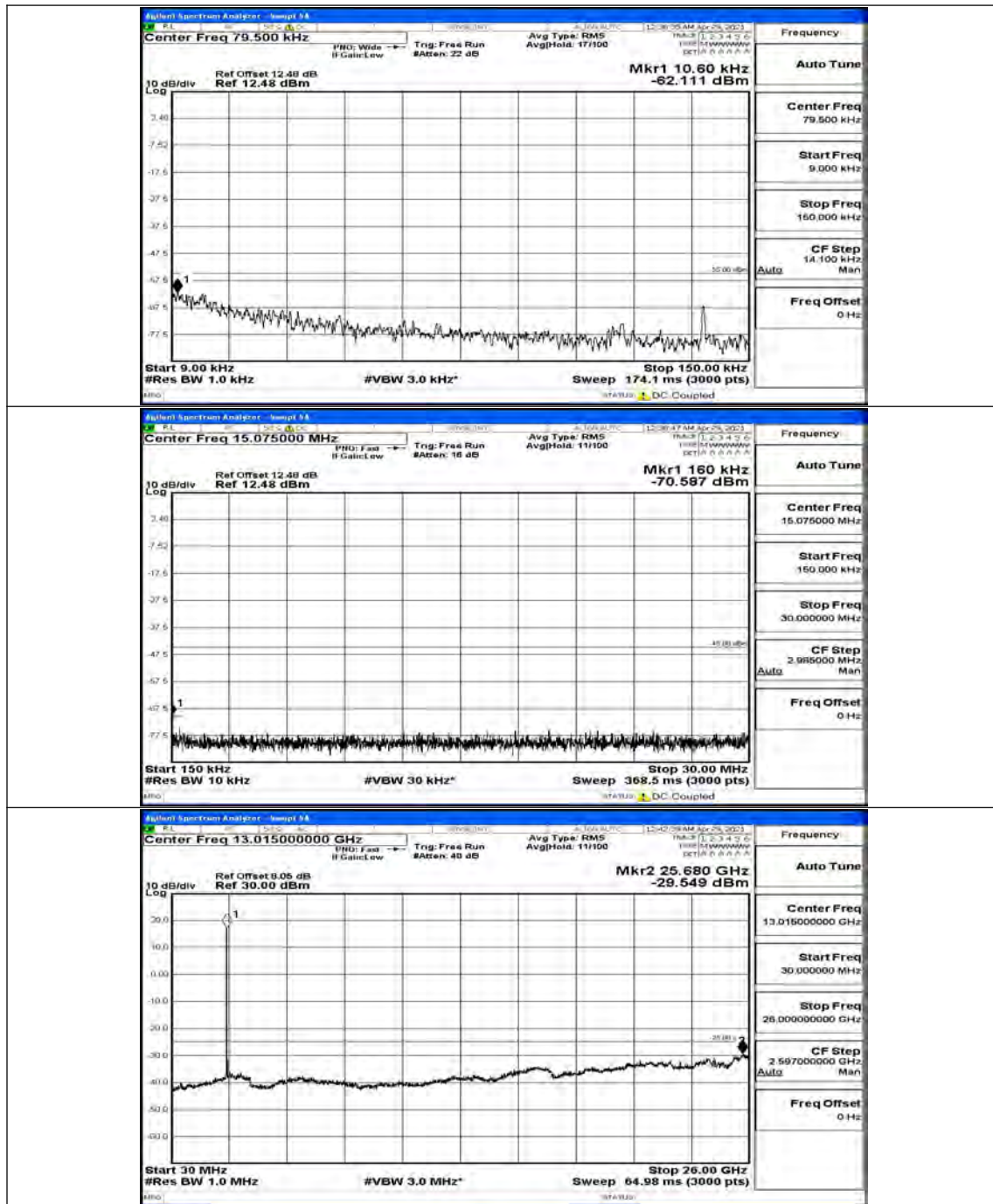


Channel Bandwidth: 20 MHz

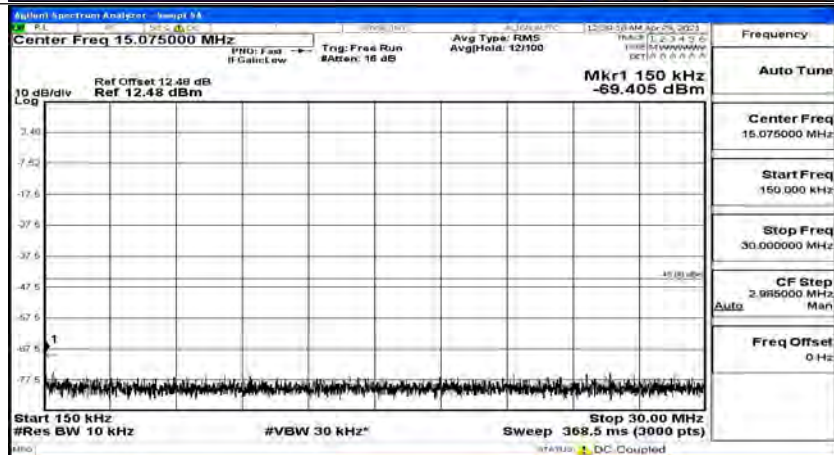
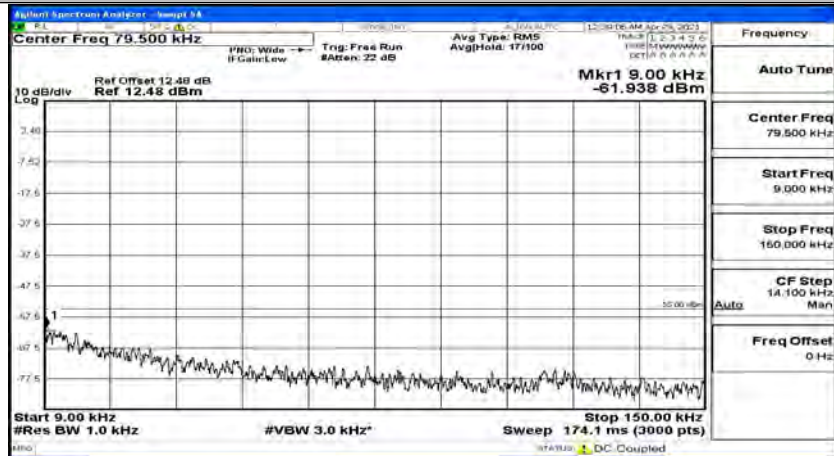
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



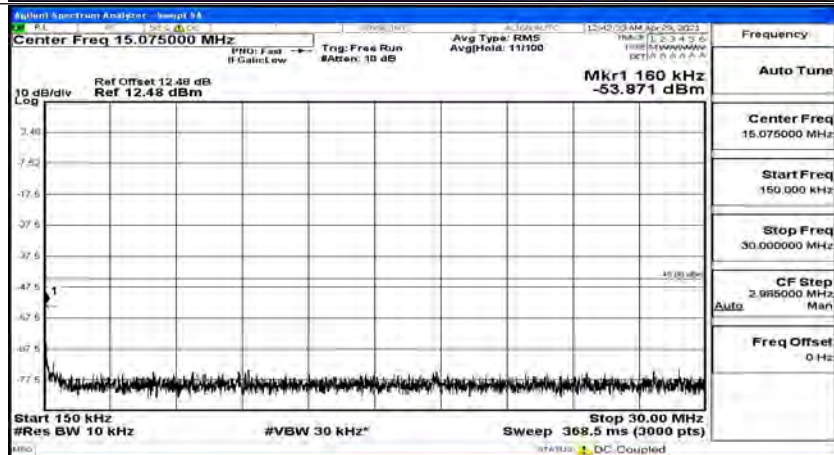
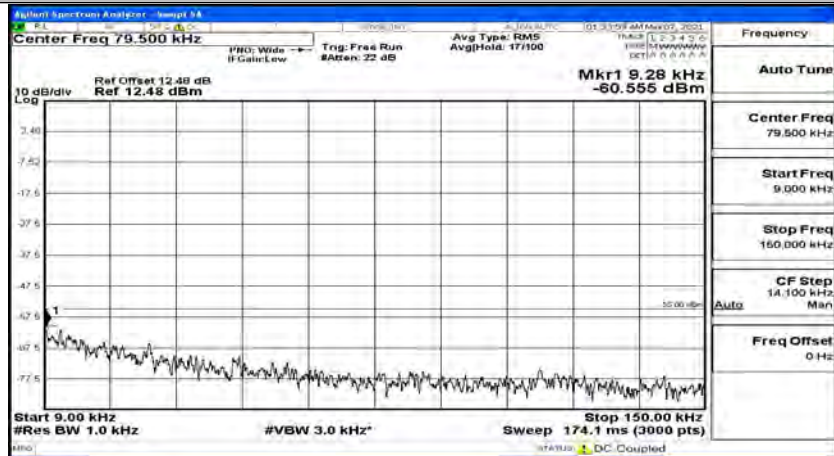
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



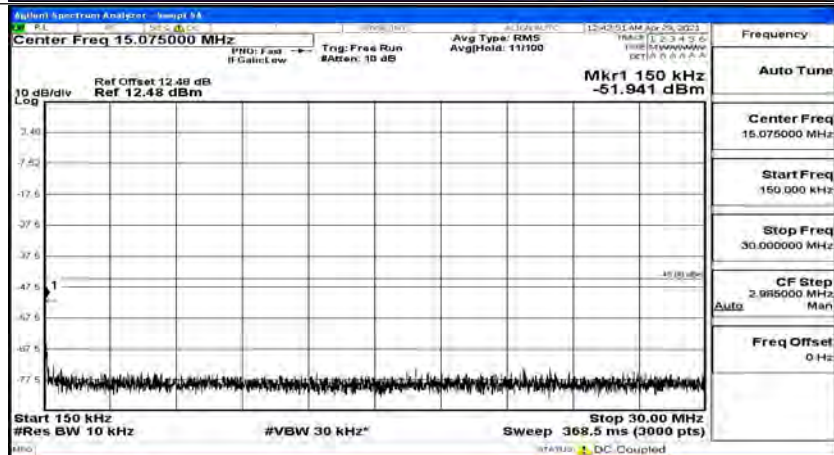
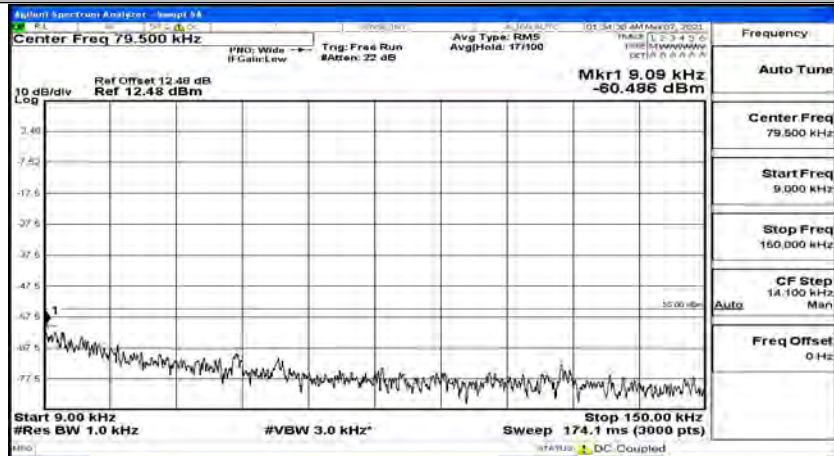
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



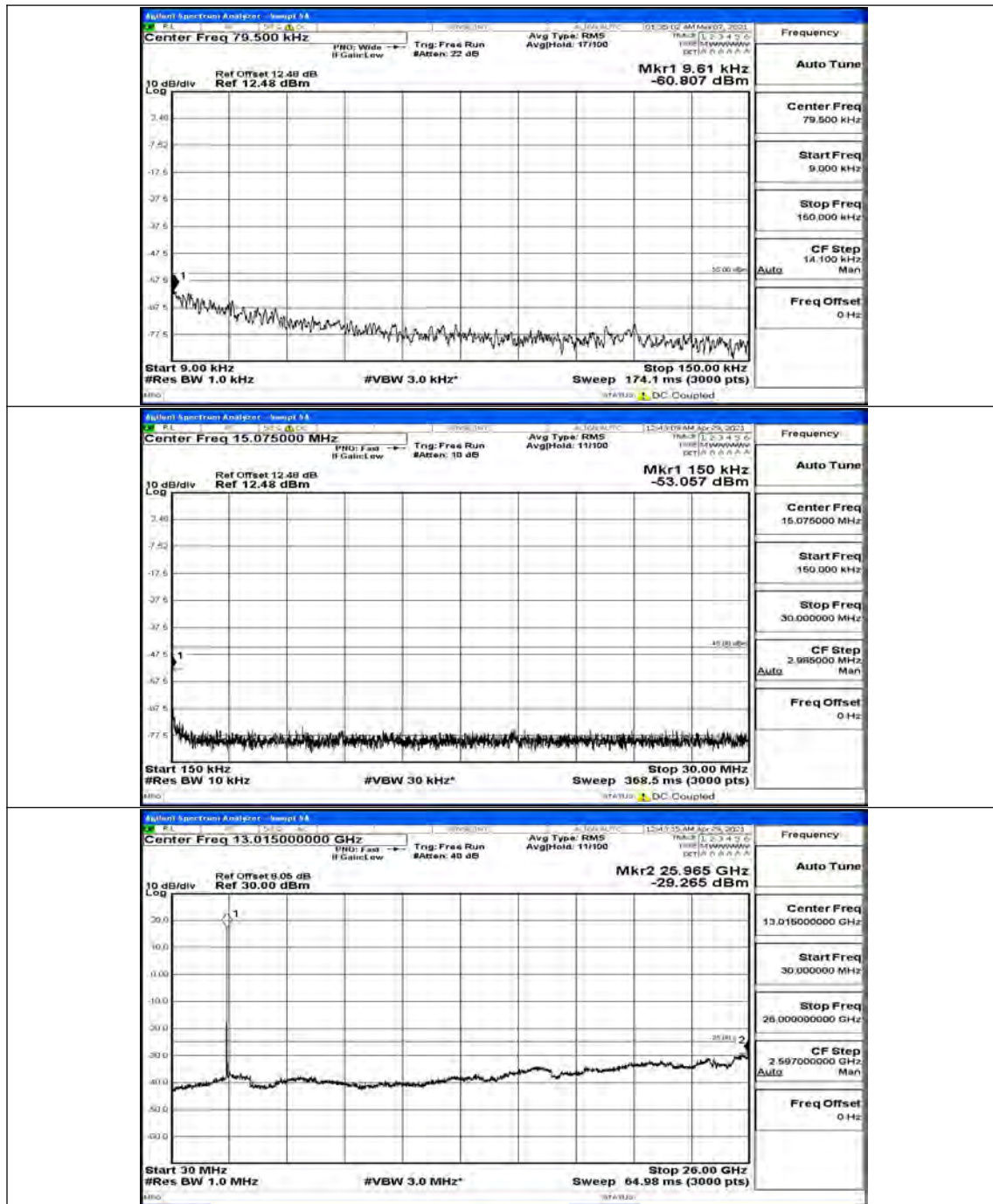
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#0



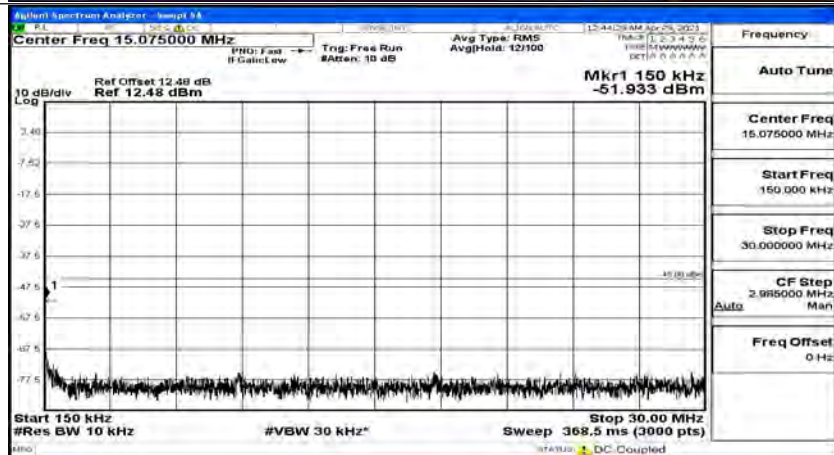
(Channel Bandwidth:20 MHz)_MCH_QPSK_1RB#49



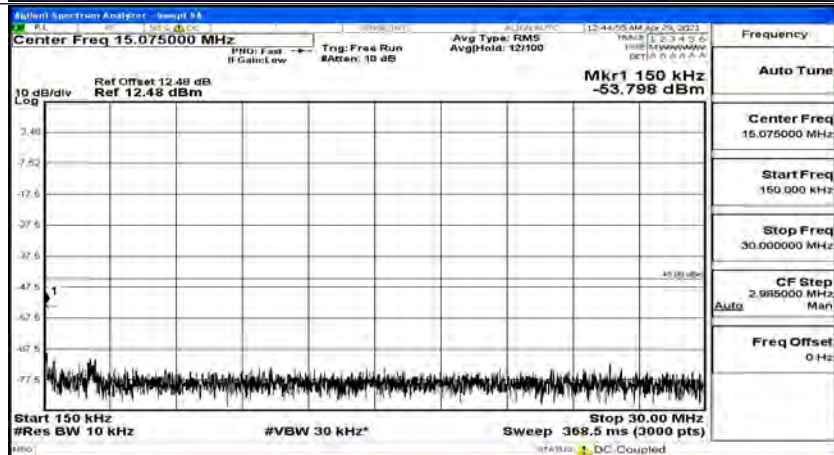
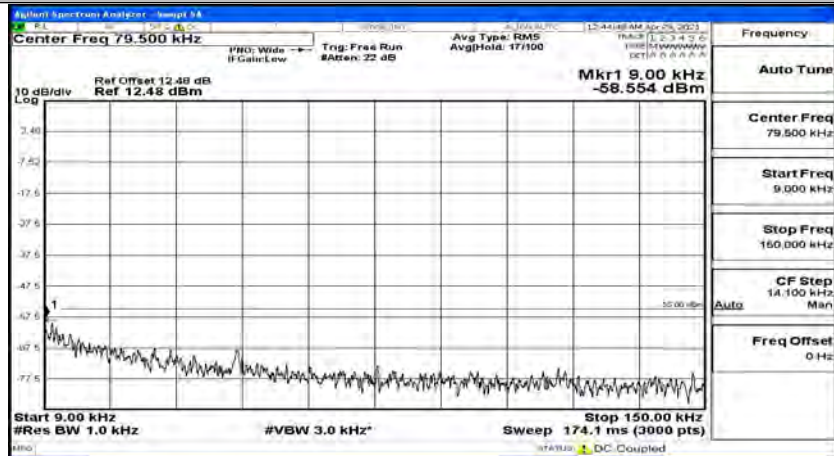
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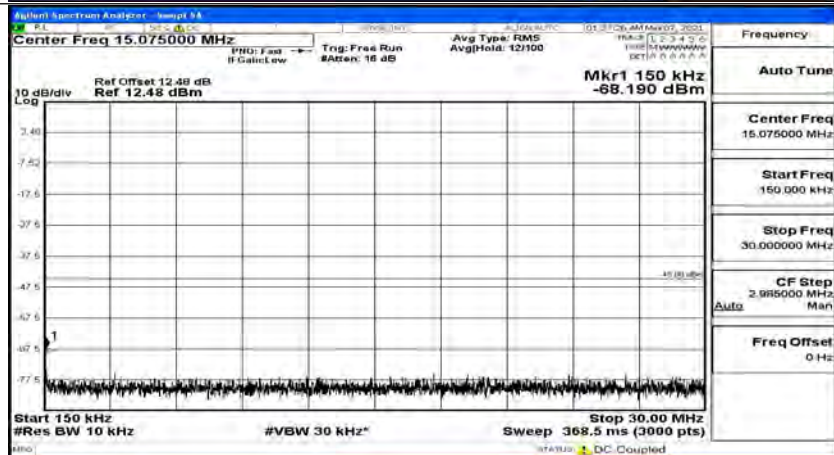
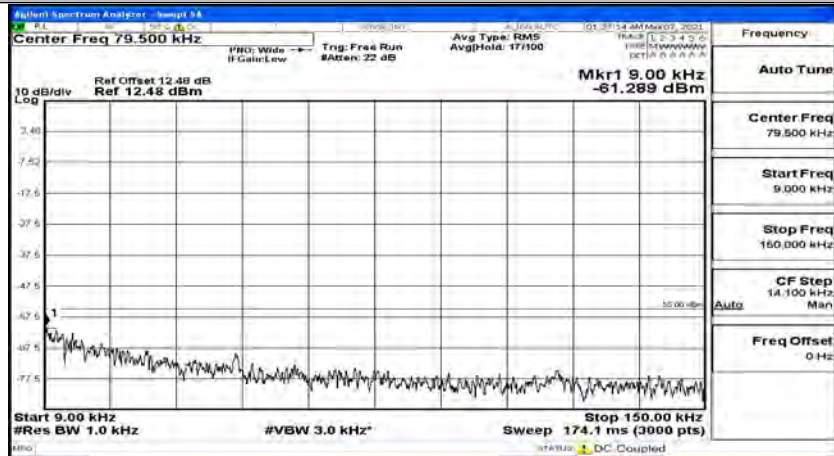
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#0



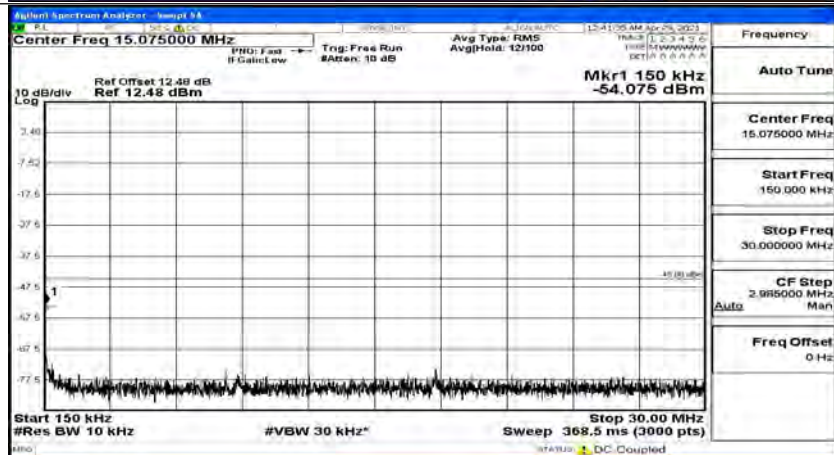
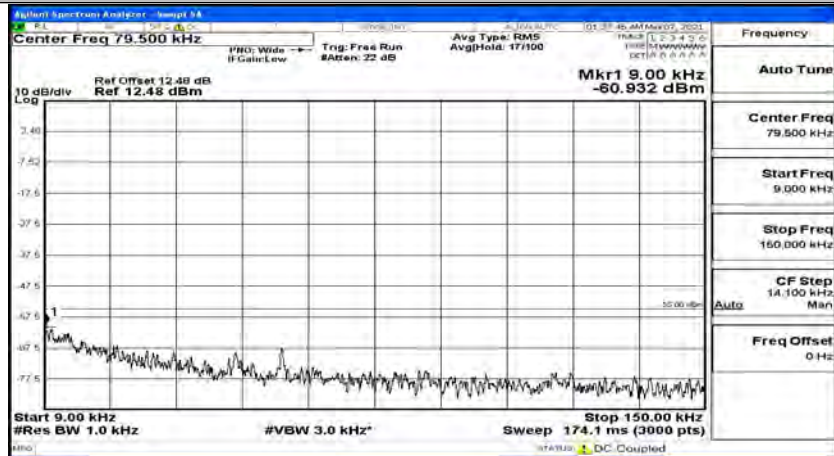
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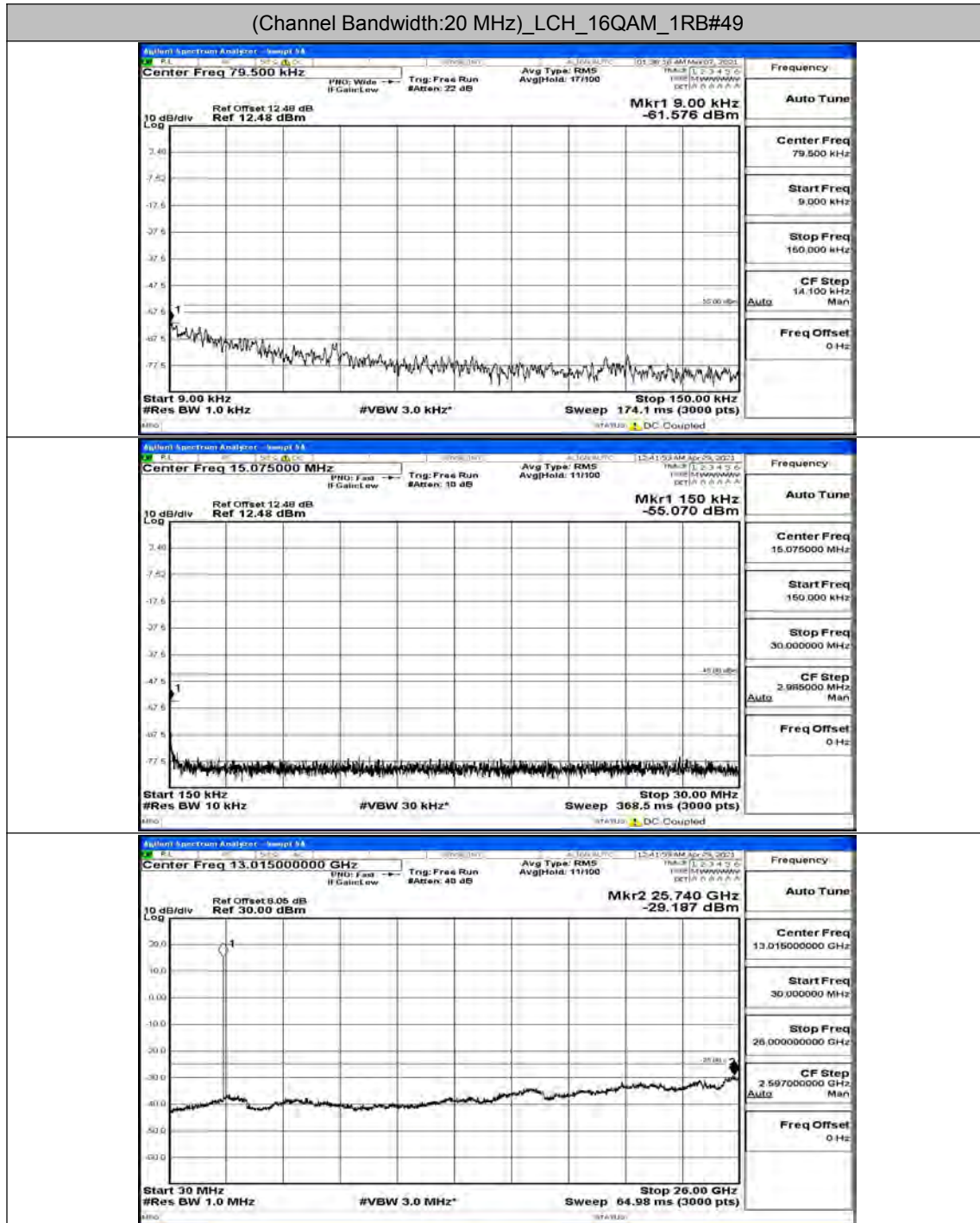
(Channel Bandwidth:20 MHz)_HCH_QPSK_1RB#99



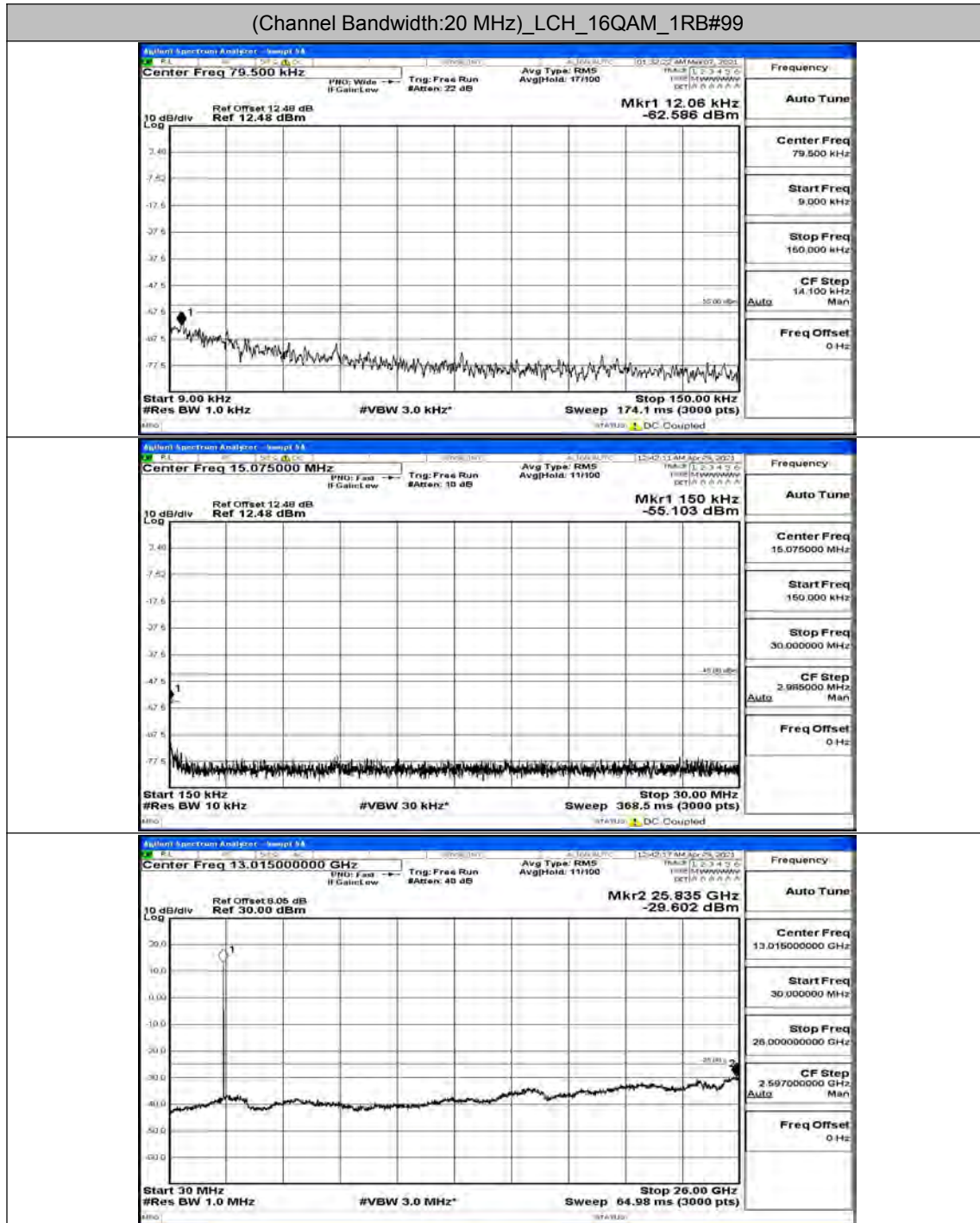
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#0



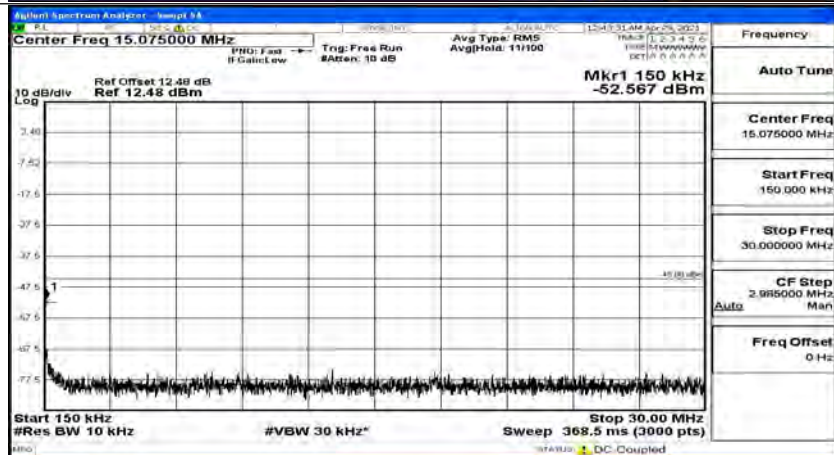
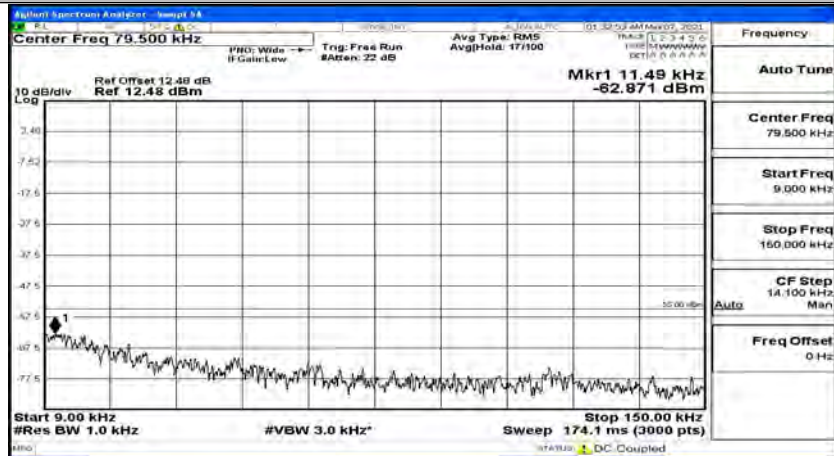
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#49



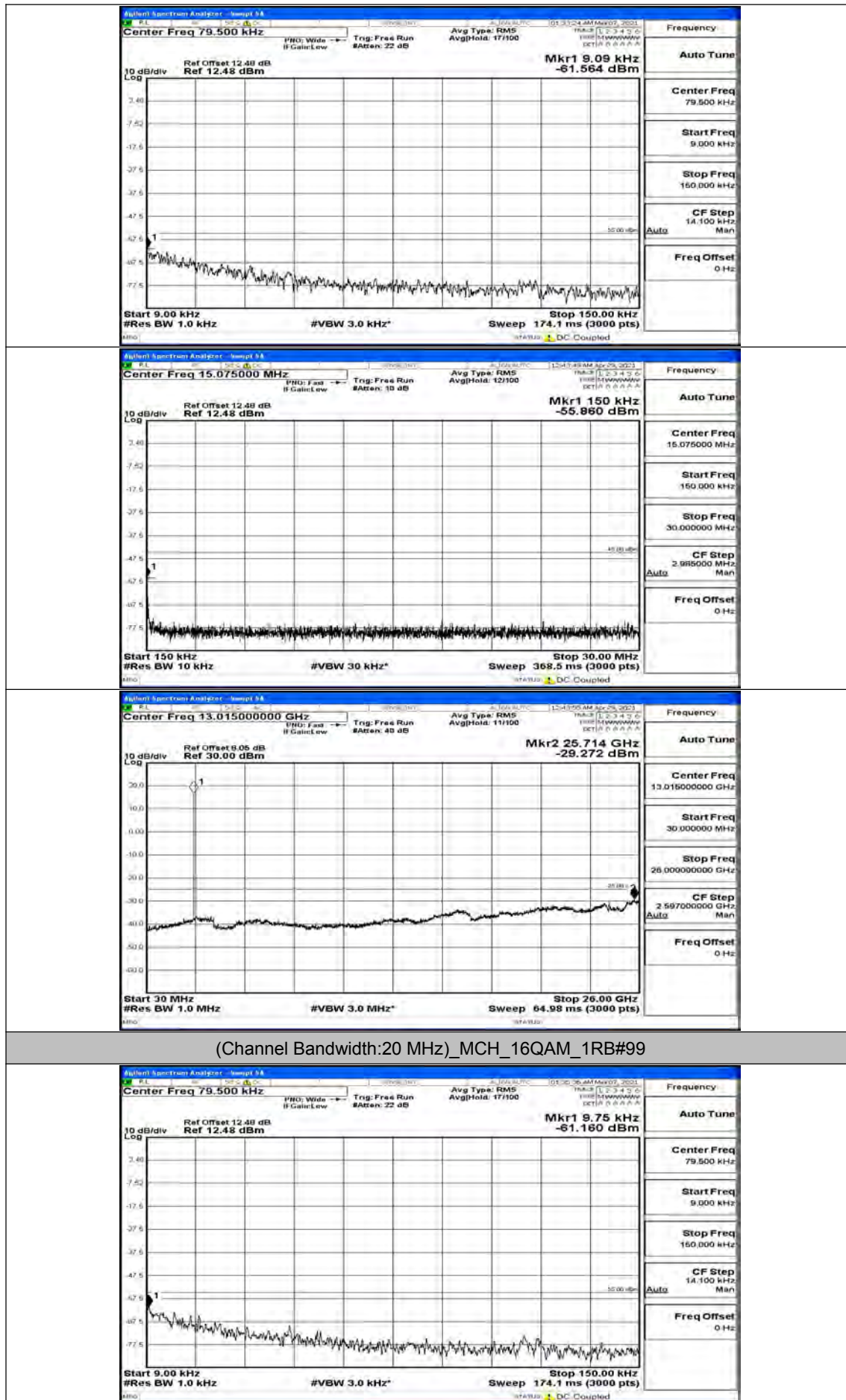
(Channel Bandwidth:20 MHz)_LCH_16QAM_1RB#99

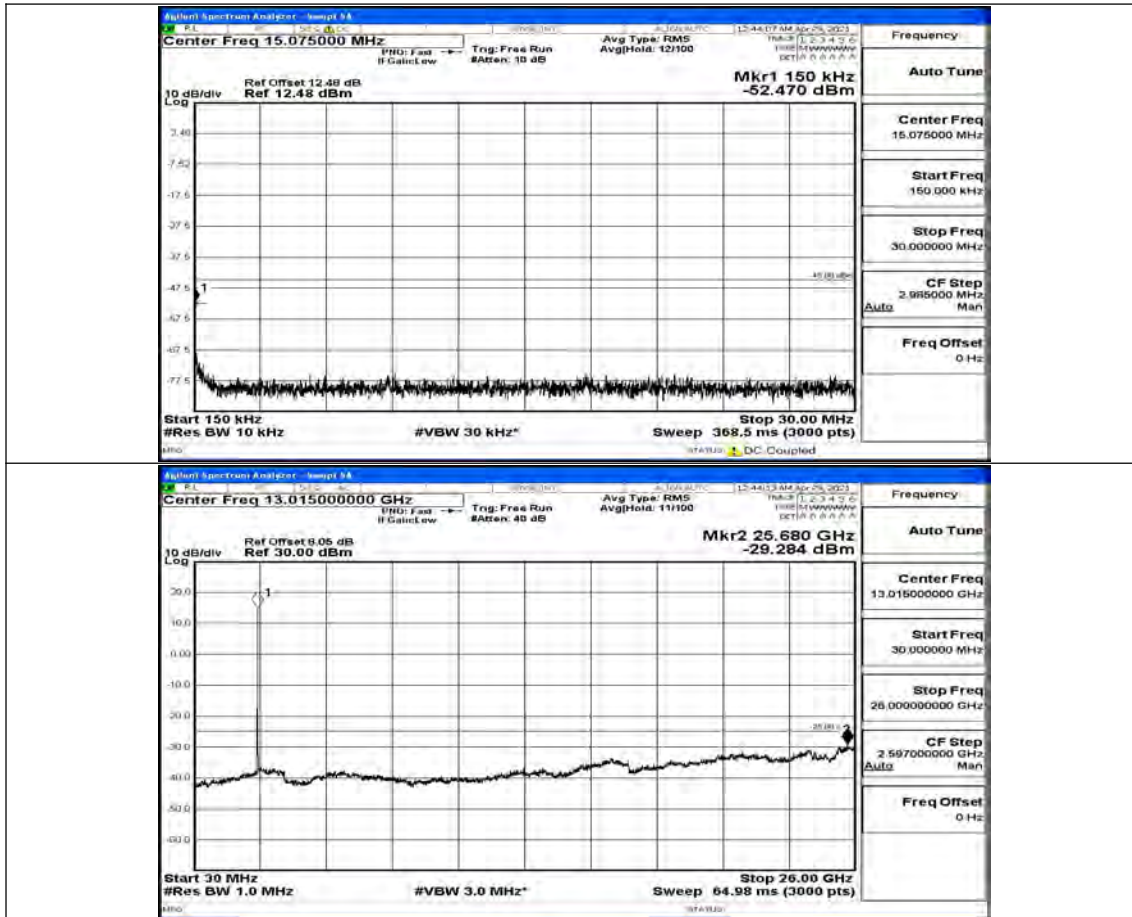


(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#0

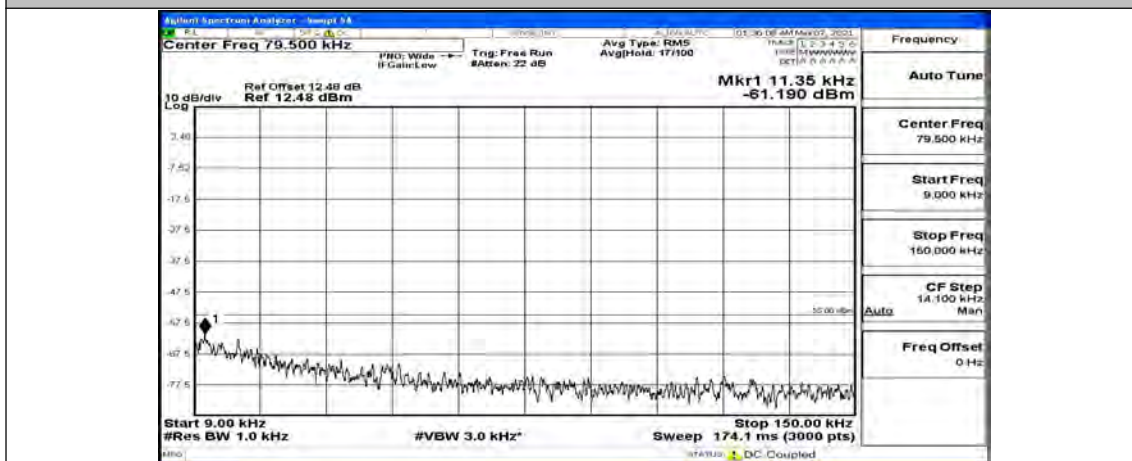


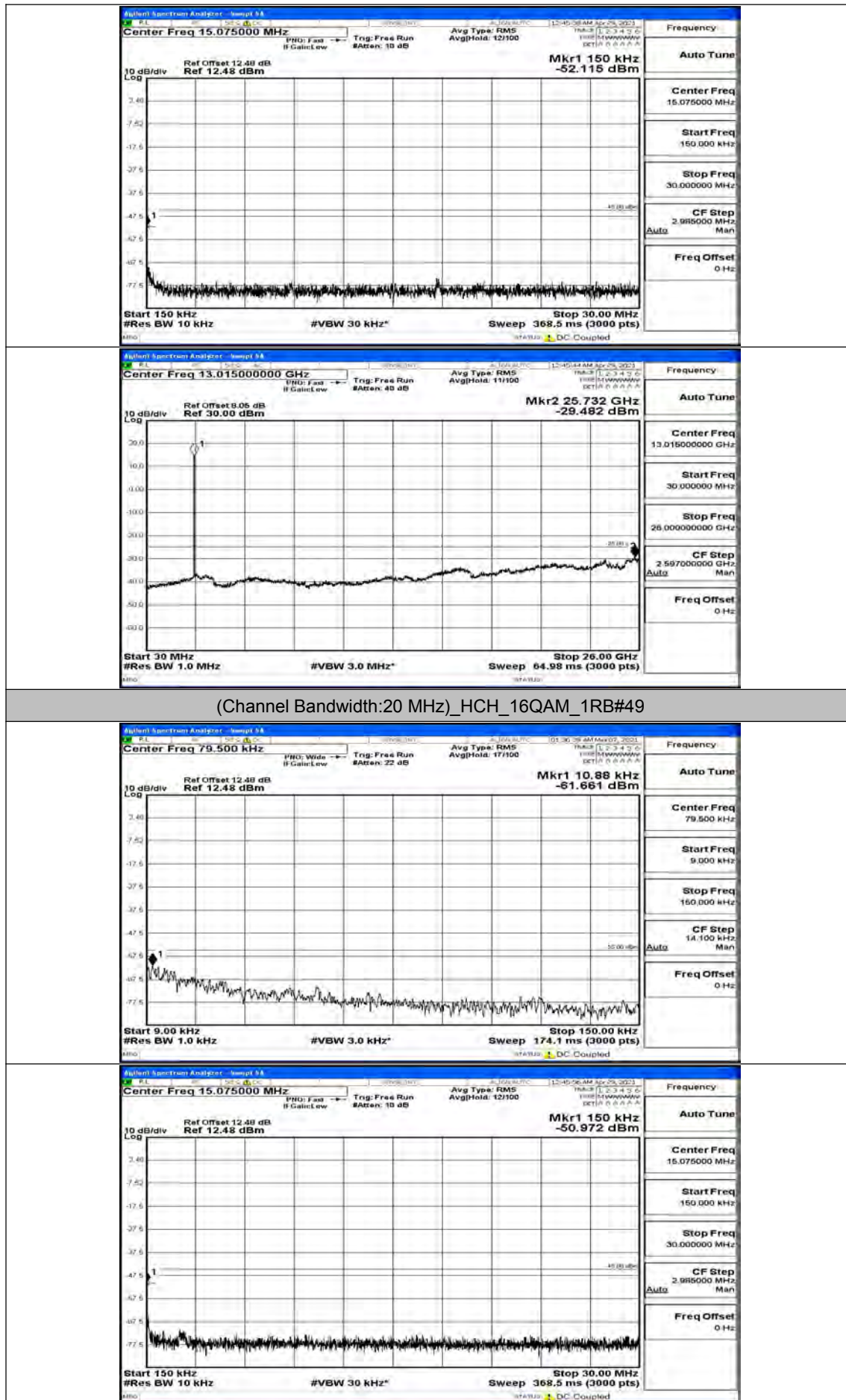
(Channel Bandwidth:20 MHz)_MCH_16QAM_1RB#49





(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#0





(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#49



(Channel Bandwidth:20 MHz)_HCH_16QAM_1RB#99

