

## Appendix E.1: Effective (Isotropic) Radiated Power Output

### Data

#### Test Result

#### Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.81	23.81	PASS
		1	12	23.71	23.71	PASS
		1	24	23.40	23.40	PASS
		12	0	22.82	22.82	PASS
		12	6	22.75	22.75	PASS
		12	13	22.60	22.60	PASS
		25	0	22.67	22.67	PASS
	MCH	1	0	23.57	23.57	PASS
		1	12	23.33	23.33	PASS
		1	24	23.07	23.07	PASS
		12	0	22.44	22.44	PASS
		12	6	22.31	22.31	PASS
		12	13	22.21	22.21	PASS
		25	0	22.30	22.30	PASS
	HCH	1	0	23.05	23.05	PASS
		1	12	22.96	22.96	PASS
		1	24	22.89	22.89	PASS
		12	0	22.09	22.09	PASS
		12	6	22.04	22.04	PASS
		12	13	22.00	22.00	PASS
		25	0	21.98	21.98	PASS
16QAM	LCH	1	0	23.13	23.13	PASS
		1	12	23.01	23.01	PASS
		1	24	22.69	22.69	PASS
		12	0	21.94	21.94	PASS
		12	6	21.87	21.87	PASS
		12	13	21.76	21.76	PASS
		25	0	21.68	21.68	PASS
	MCH	1	0	22.46	22.46	PASS
		1	12	22.28	22.28	PASS
		1	24	22.02	22.02	PASS

		12	0	21.48	21.48	PASS
		12	6	21.37	21.37	PASS
		12	13	21.24	21.24	PASS
		25	0	21.31	21.31	PASS
	HCH	1	0	22.17	22.17	PASS
		1	12	22.11	22.11	PASS
		1	24	22.02	22.02	PASS
		12	0	21.14	21.14	PASS
		12	6	21.09	21.09	PASS
		12	13	21.03	21.03	PASS
		25	0	21.06	21.06	PASS

**Channel Bandwidth: 10 MHz**

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	23.68	23.68	PASS
		1	24	23.35	23.35	PASS
		1	49	22.93	22.93	PASS
		25	0	22.62	22.62	PASS
		25	12	22.38	22.38	PASS
		25	25	22.14	22.14	PASS
		50	0	22.35	22.35	PASS
	MCH	1	0	23.61	23.61	PASS
		1	24	23.21	23.21	PASS
		1	49	22.85	22.85	PASS
		25	0	22.50	22.50	PASS
		25	12	22.26	22.26	PASS
		25	25	22.05	22.05	PASS
		50	0	22.30	22.30	PASS
	HCH	1	0	23.64	23.64	PASS
		1	24	23.11	23.11	PASS
		1	49	22.91	22.91	PASS
		25	0	22.37	22.37	PASS
		25	12	22.20	22.20	PASS
		25	25	21.99	21.99	PASS
		50	0	22.23	22.23	PASS
16QAM	LCH	1	0	22.92	22.92	PASS
		1	24	22.56	22.56	PASS
		1	49	22.20	22.20	PASS
		25	0	21.57	21.57	PASS
		25	12	21.38	21.38	PASS

		25	25	21.19	21.19	PASS
		50	0	21.37	21.37	PASS
	MCH	1	0	22.85	22.85	PASS
		1	24	22.43	22.43	PASS
		1	49	22.13	22.13	PASS
		25	0	21.49	21.49	PASS
		25	12	21.29	21.29	PASS
		25	25	21.10	21.10	PASS
		50	0	21.32	21.32	PASS
		HCH	1	0	22.92	22.92
	1		24	22.46	22.46	PASS
	1		49	22.30	22.30	PASS
	25		0	21.40	21.40	PASS
	25		12	21.22	21.22	PASS
	25		25	21.05	21.05	PASS
	50		0	21.28	21.28	PASS

## Appendix E.2: Peak-to-Average Ratio

### Test Result

#### Channel Bandwidth: 5 MHz

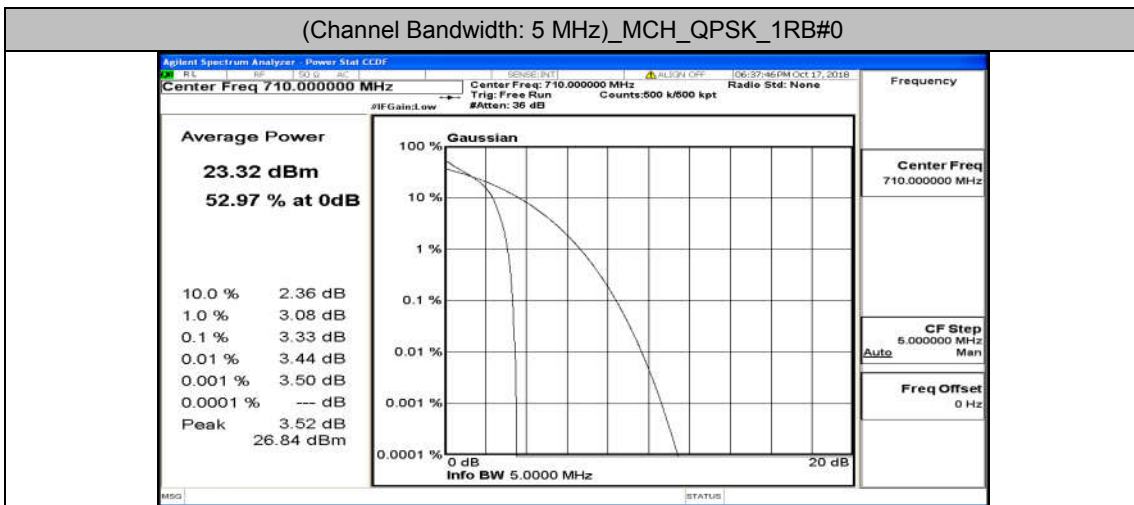
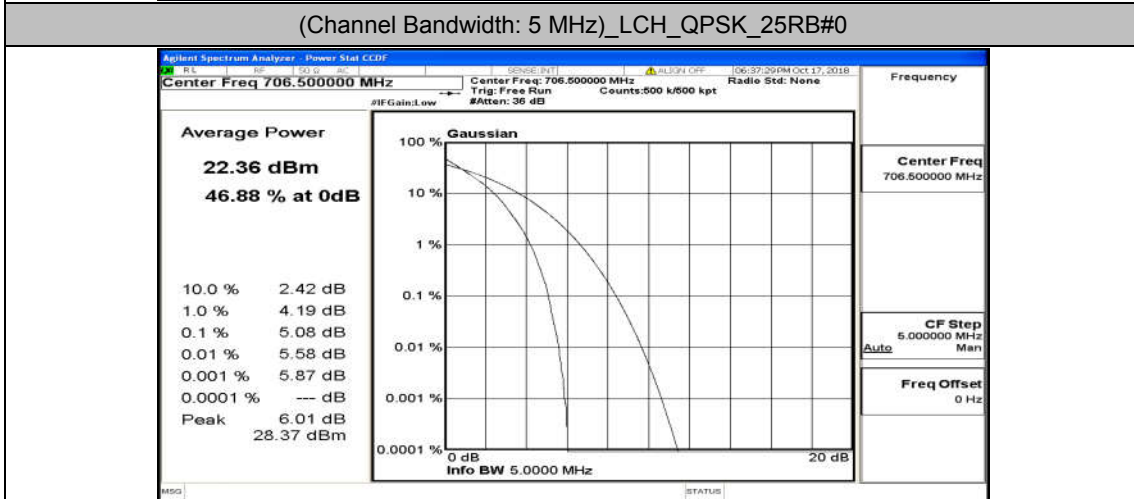
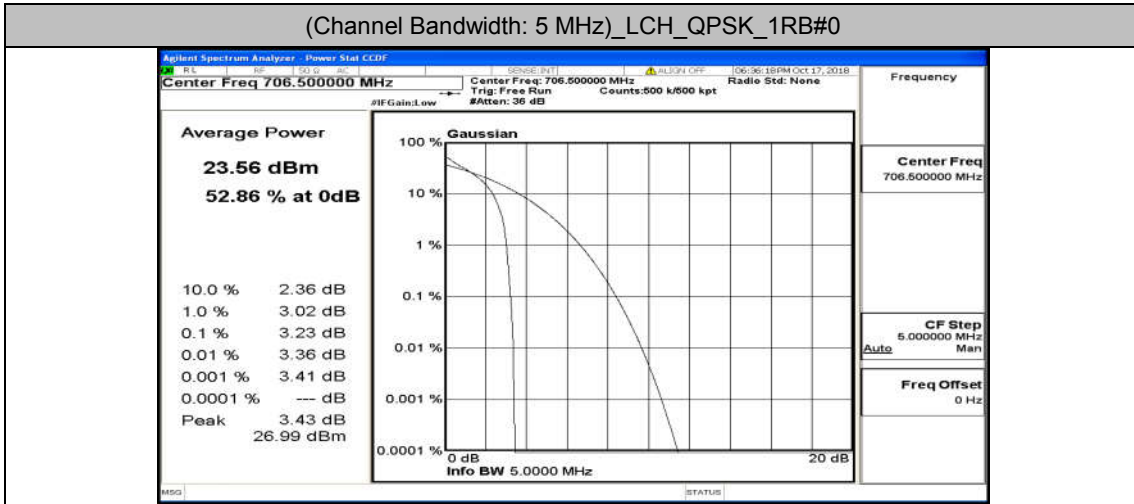
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.23	<13	PASS
		25	0	5.08	<13	PASS
	MCH	1	0	3.33	<13	PASS
		25	0	4.95	<13	PASS
	HCH	1	0	3.61	<13	PASS
		25	0	5.28	<13	PASS
16QAM	LCH	1	0	4.26	<13	PASS
		25	0	5.83	<13	PASS
	MCH	1	0	4.1	<13	PASS
		25	0	5.76	<13	PASS
	HCH	1	0	4.5	<13	PASS
		25	0	6.03	<13	PASS

#### Channel Bandwidth: 10 MHz

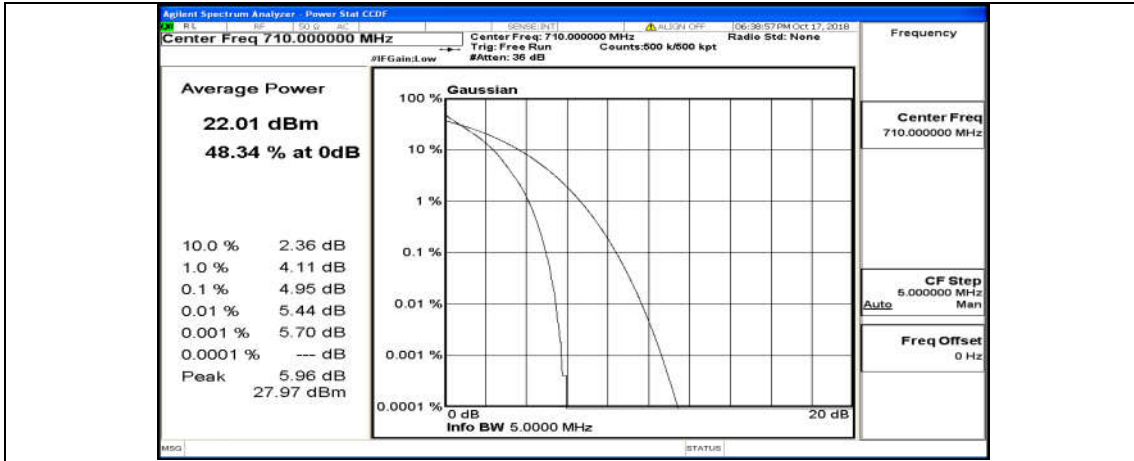
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.25	<13	PASS
		50	0	5.07	<13	PASS
	MCH	1	0	3.22	<13	PASS
		50	0	5.04	<13	PASS
	HCH	1	0	3.04	<13	PASS
		50	0	5.09	<13	PASS
16QAM	LCH	1	0	4.13	<13	PASS
		50	0	5.83	<13	PASS
	MCH	1	0	4.11	<13	PASS
		50	0	5.82	<13	PASS
	HCH	1	0	4.1	<13	PASS
		50	0	5.89	<13	PASS

# Test Graphs

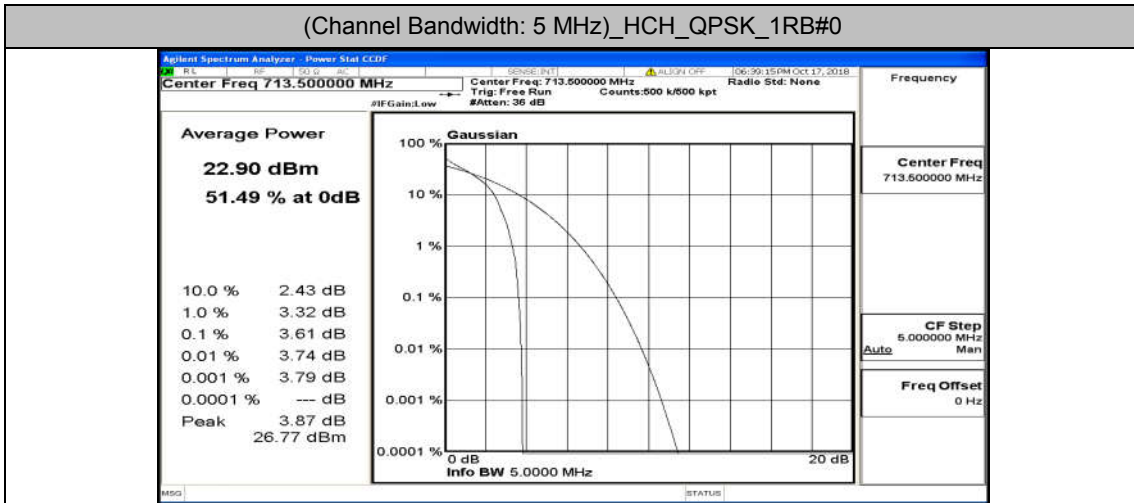
## Channel Bandwidth: 5 MHz



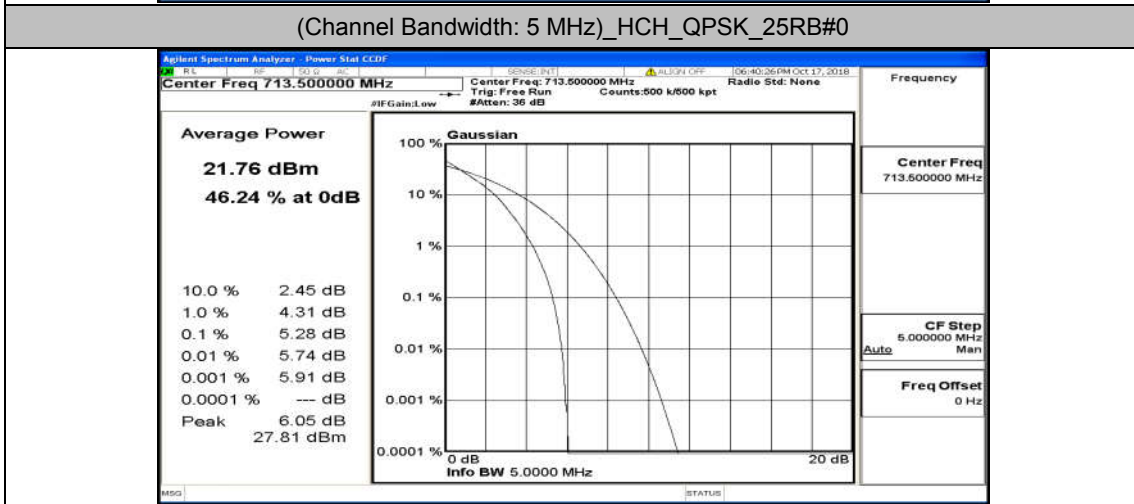
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



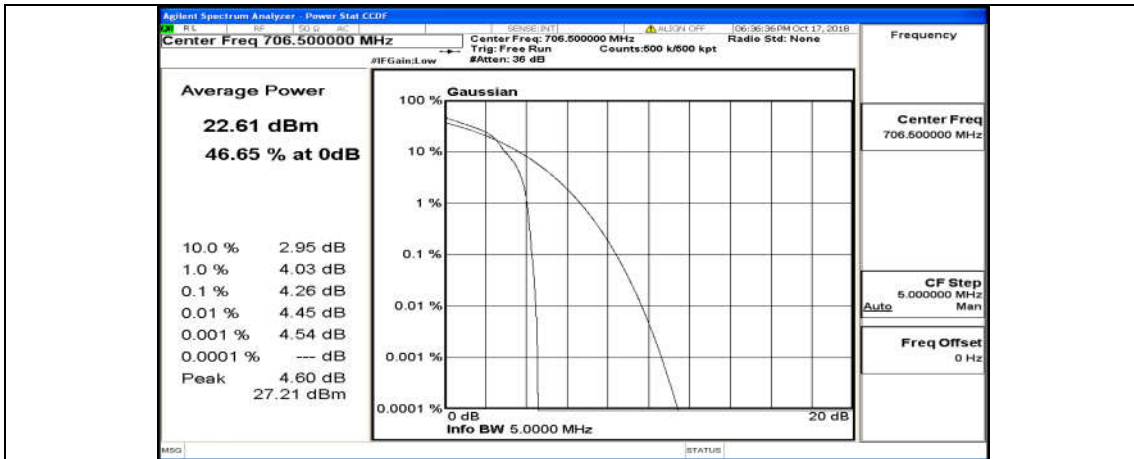
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_1RB#0



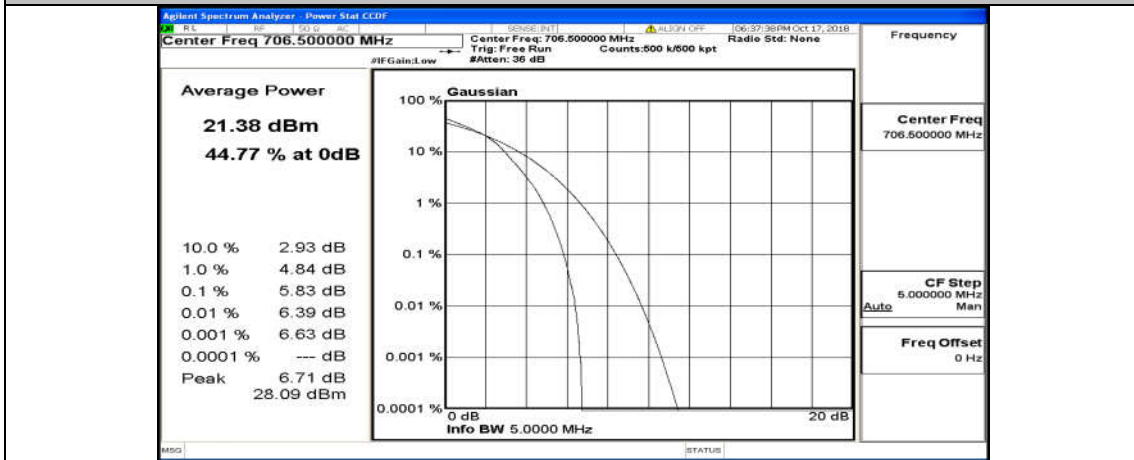
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



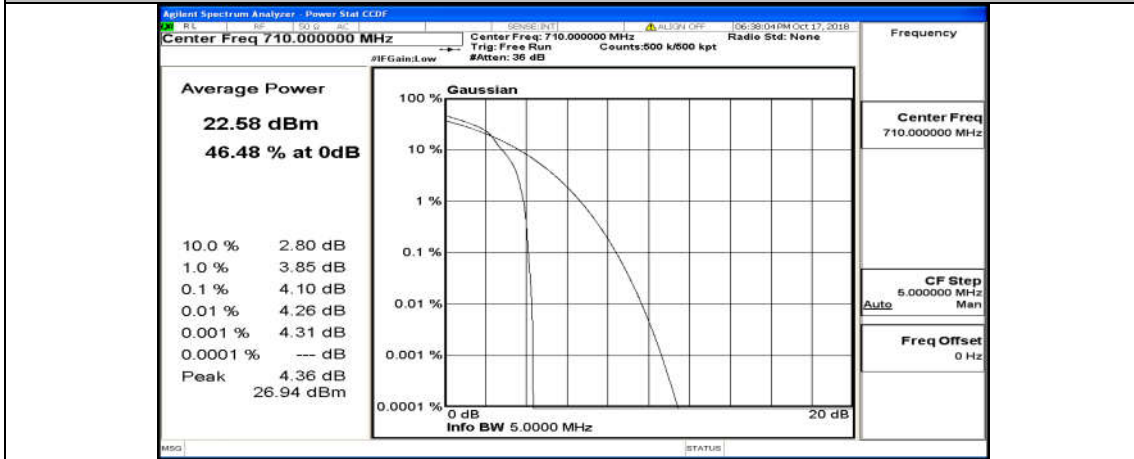
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_1RB#0



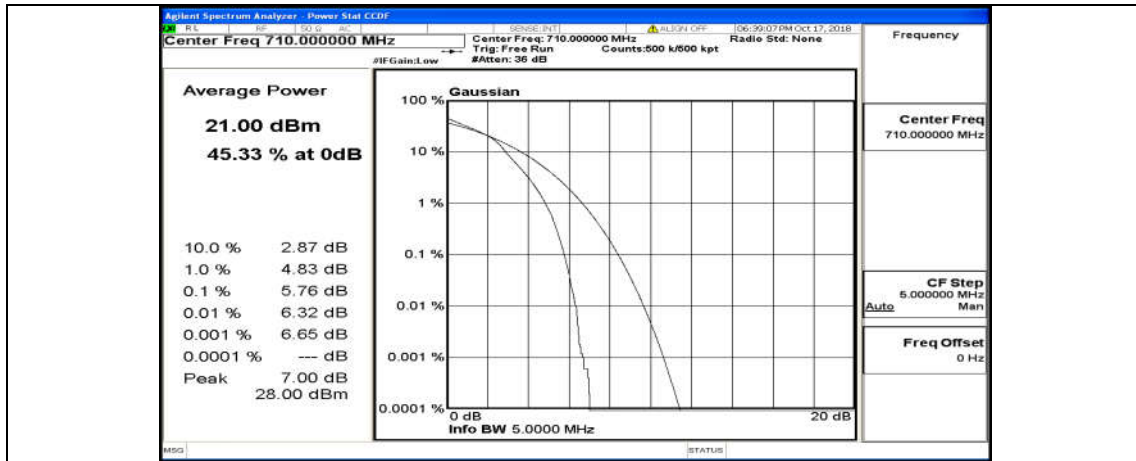
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



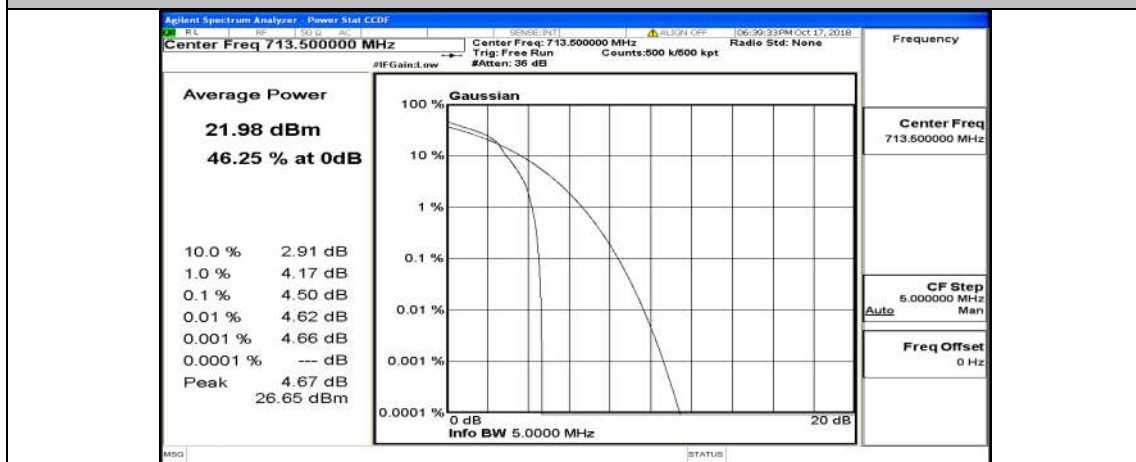
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_1RB#0



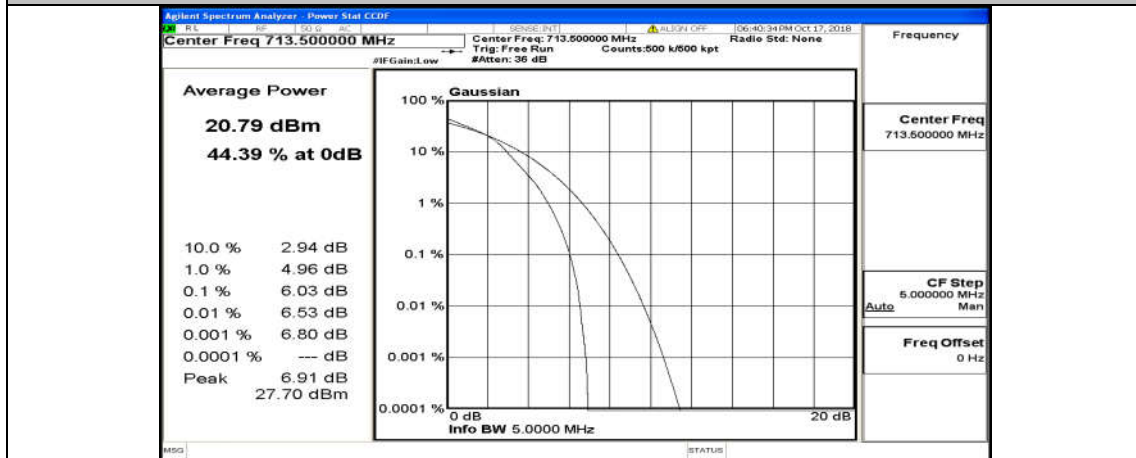
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



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



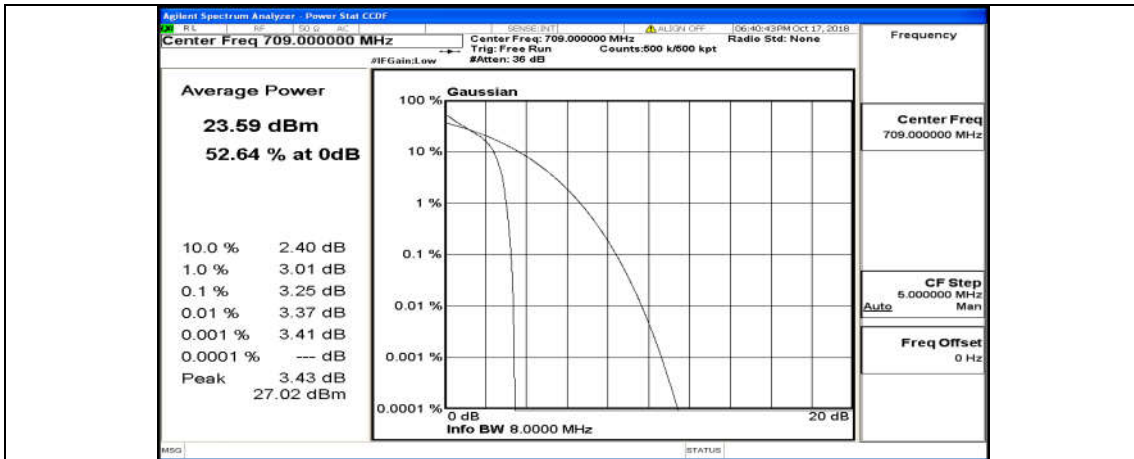
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



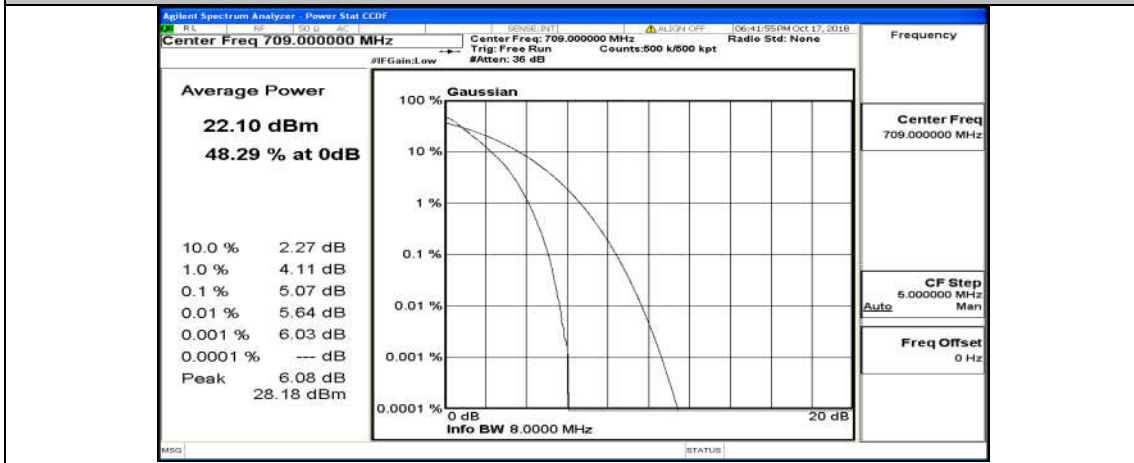
**Channel Bandwidth: 10 MHz**

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

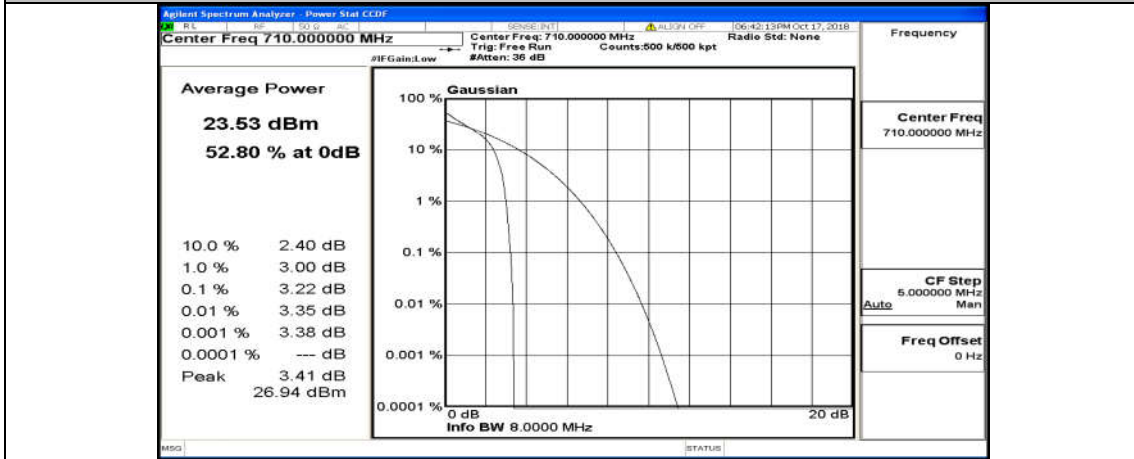




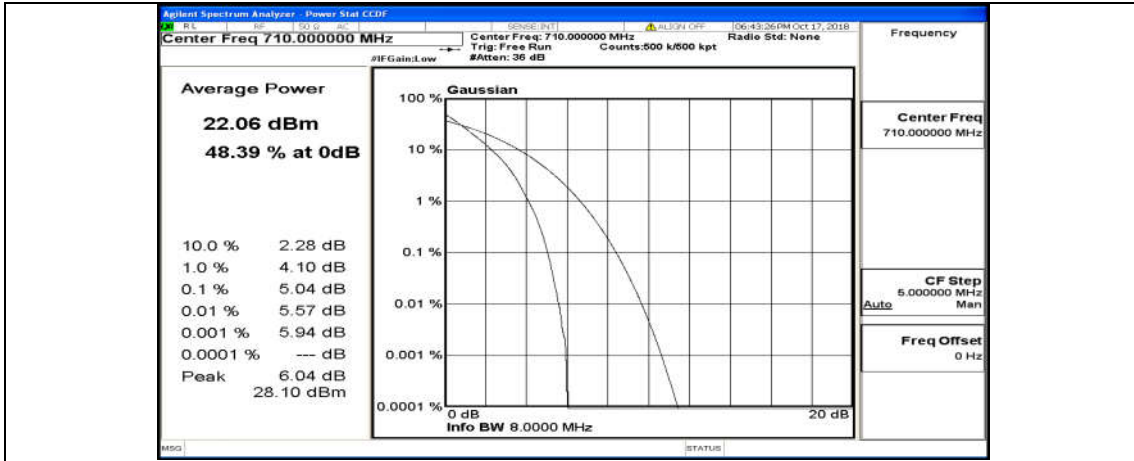
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0



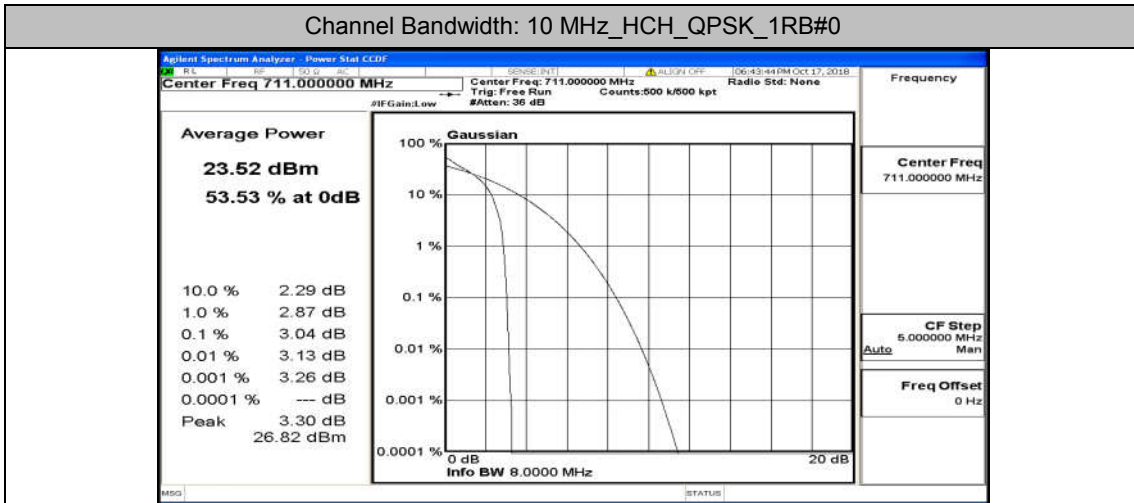
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_1RB#0



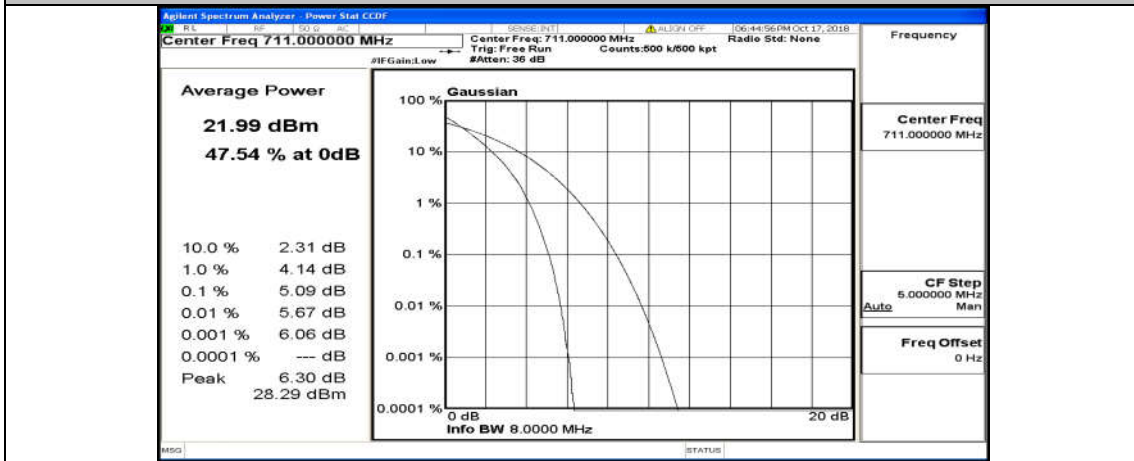
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



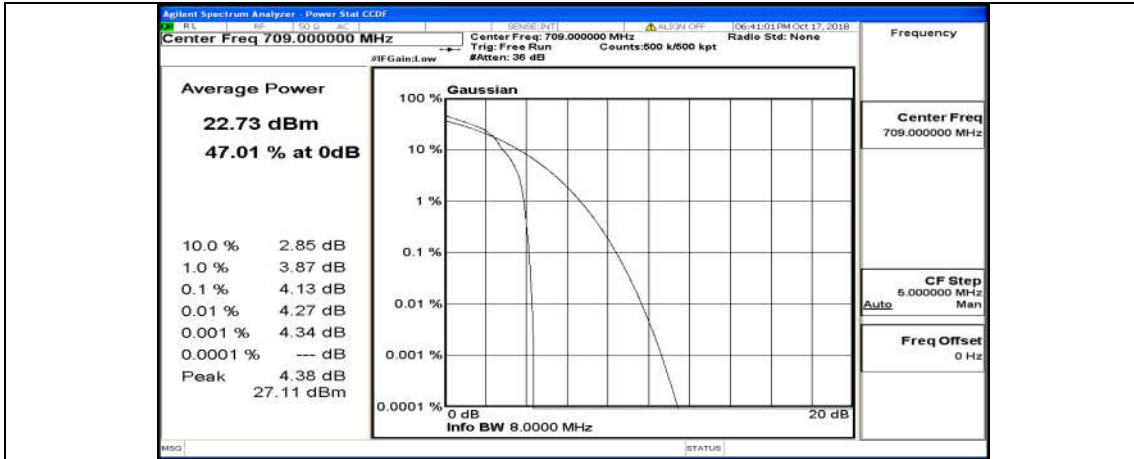
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_1RB#0



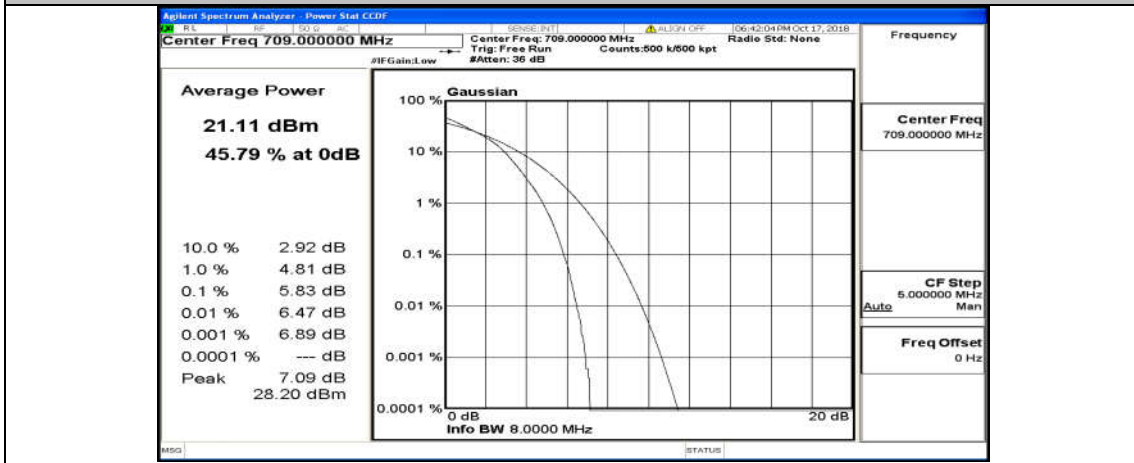
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0



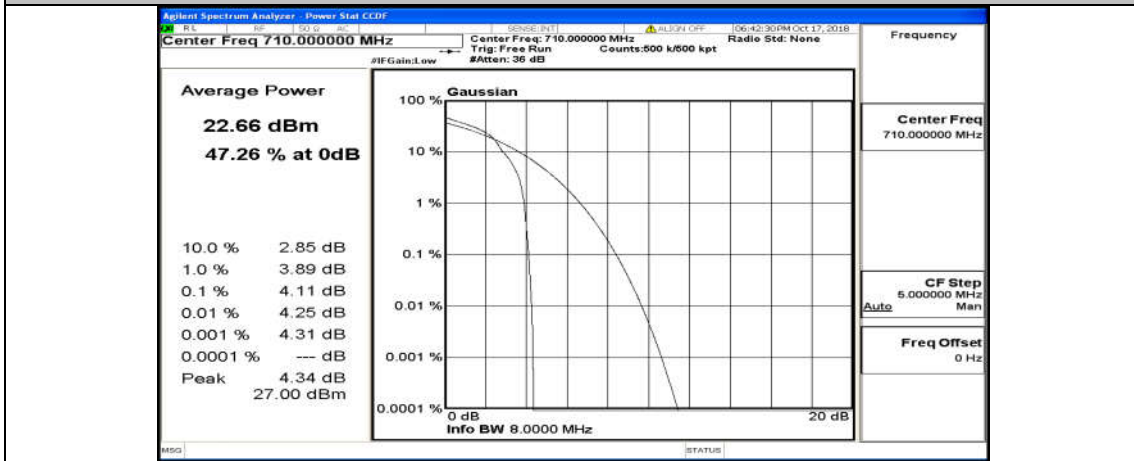
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_1RB#0



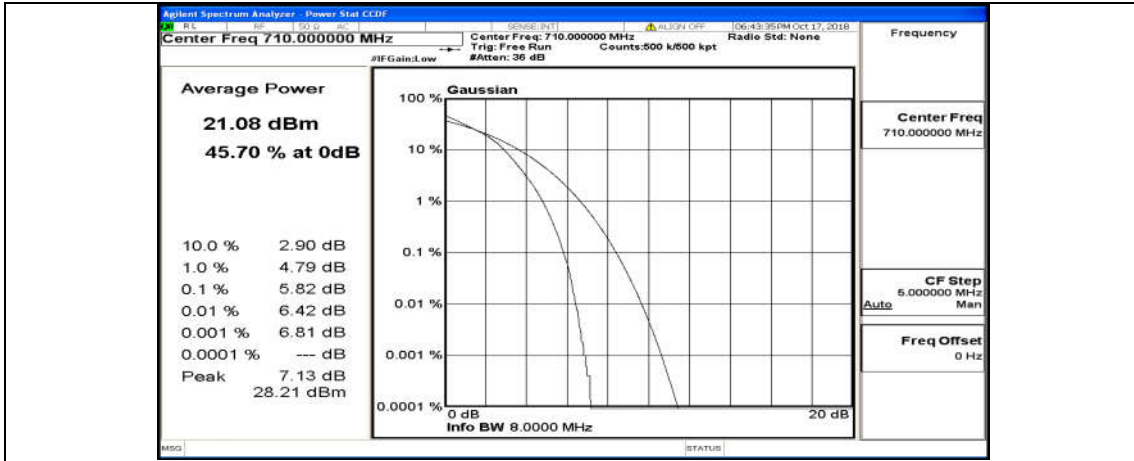
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



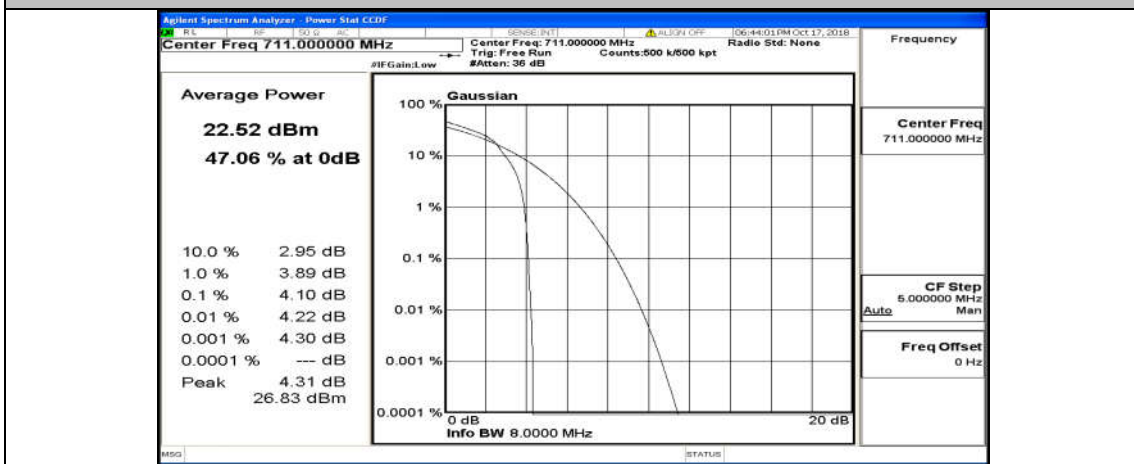
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_1RB#0



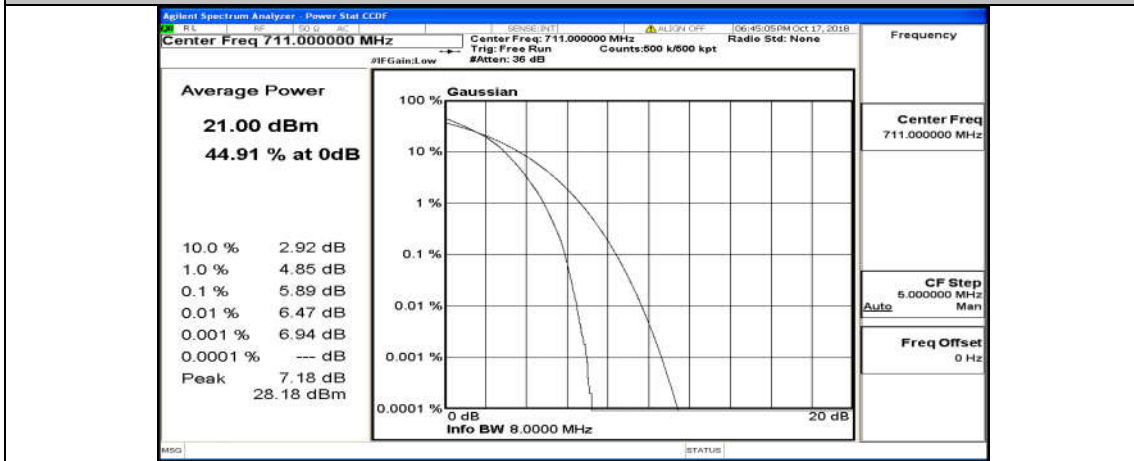
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



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



Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0



## Appendix E.3: 26dB Bandwidth and Occupied Bandwidth

### Test Result

#### Channel Bandwidth: 5 MHz

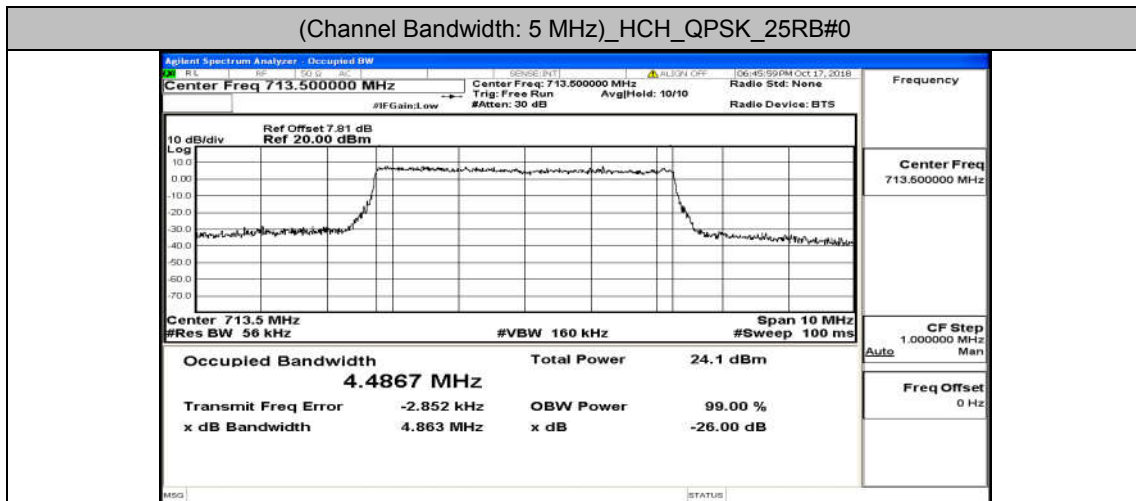
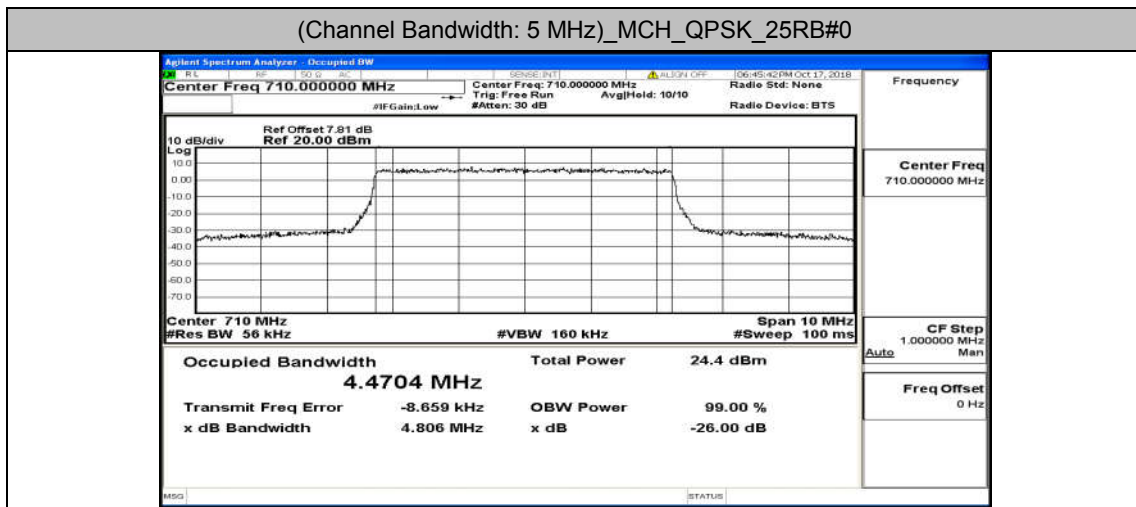
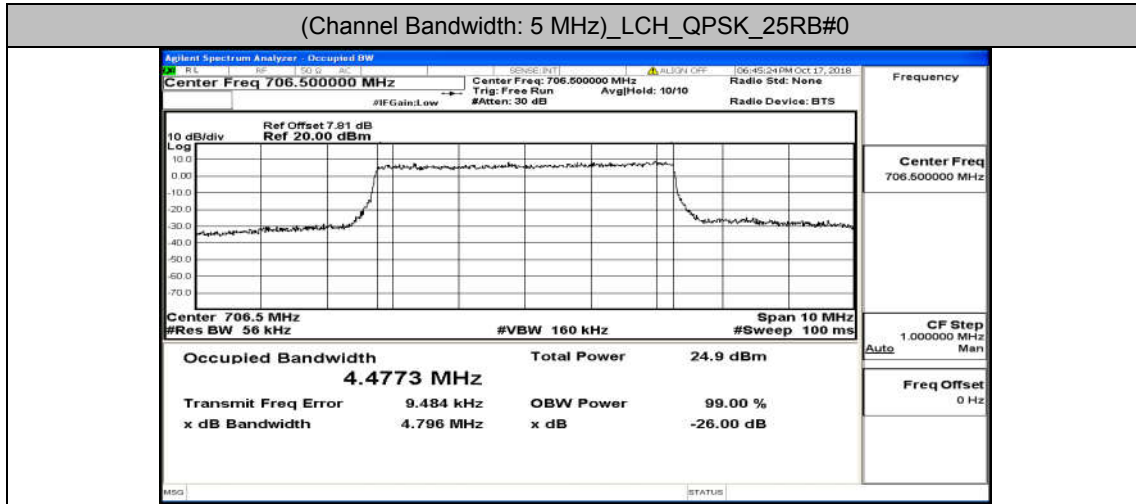
Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4773	4.796	PASS
	MCH	25	0	4.4704	4.806	PASS
	HCH	25	0	4.4867	4.863	PASS
16QAM	LCH	25	0	4.4873	4.828	PASS
	MCH	25	0	4.4780	4.816	PASS
	HCH	25	0	4.4896	4.847	PASS

#### Channel Bandwidth: 10 MHz

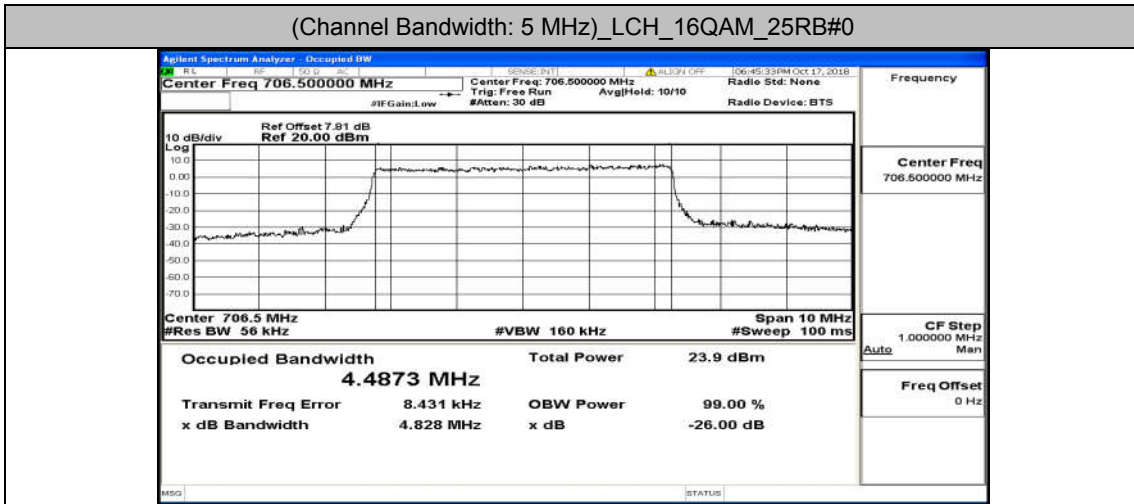
Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9061	9.459	PASS
	MCH	50	0	8.9147	9.400	PASS
	HCH	50	0	8.9033	9.395	PASS
16QAM	LCH	50	0	8.9040	9.386	PASS
	MCH	50	0	8.9033	9.346	PASS
	HCH	50	0	8.9175	9.370	PASS

## Test Graphs

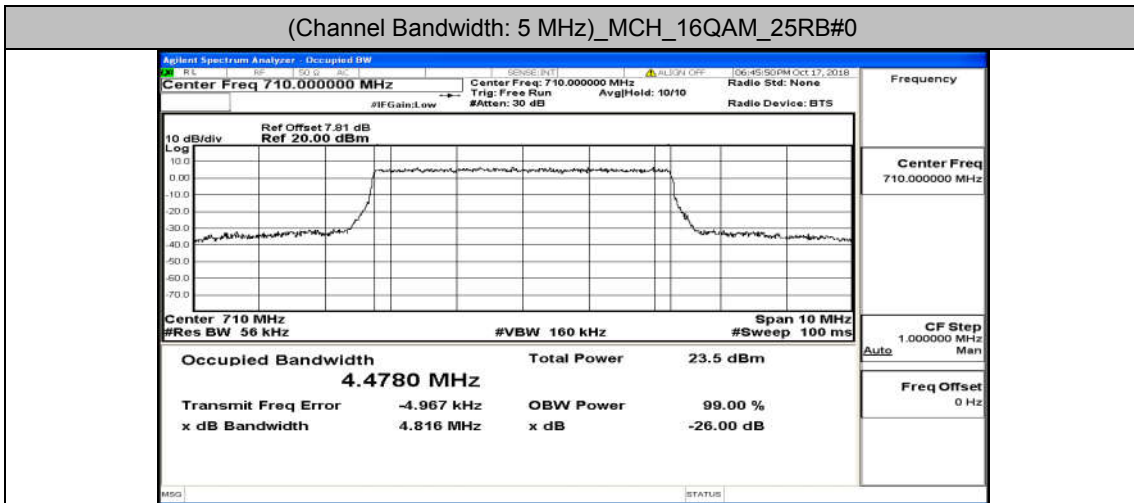
### Channel Bandwidth: 5 MHz



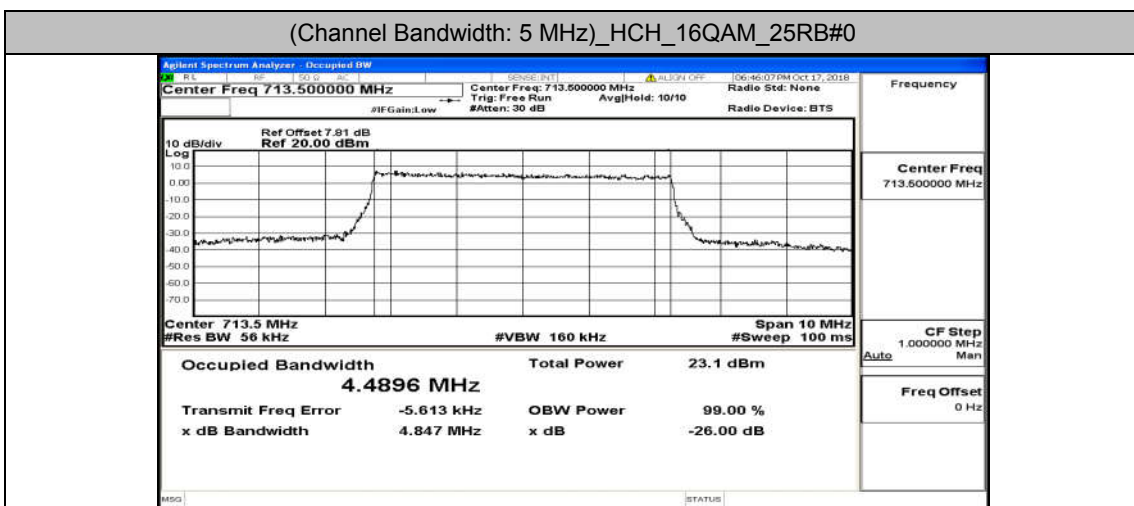
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0

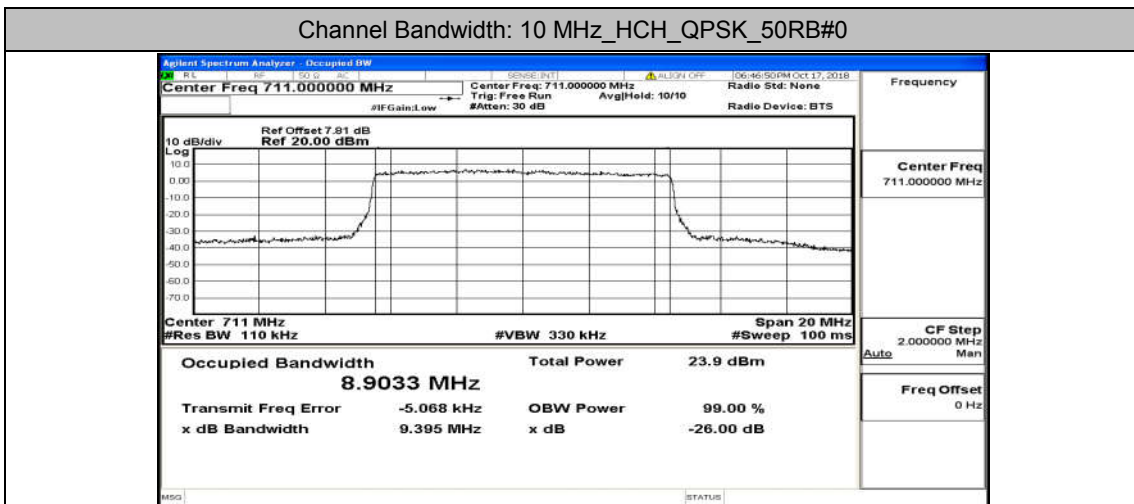
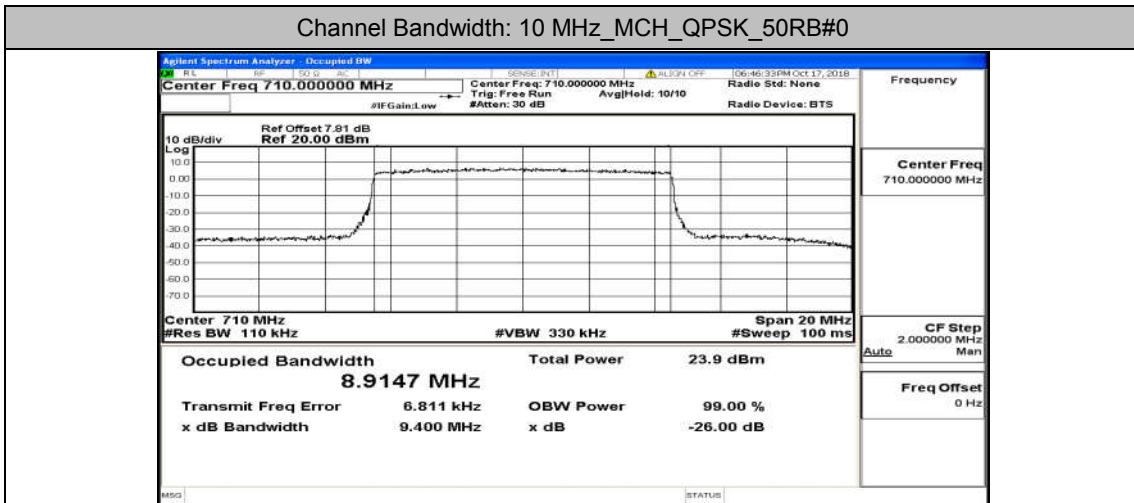
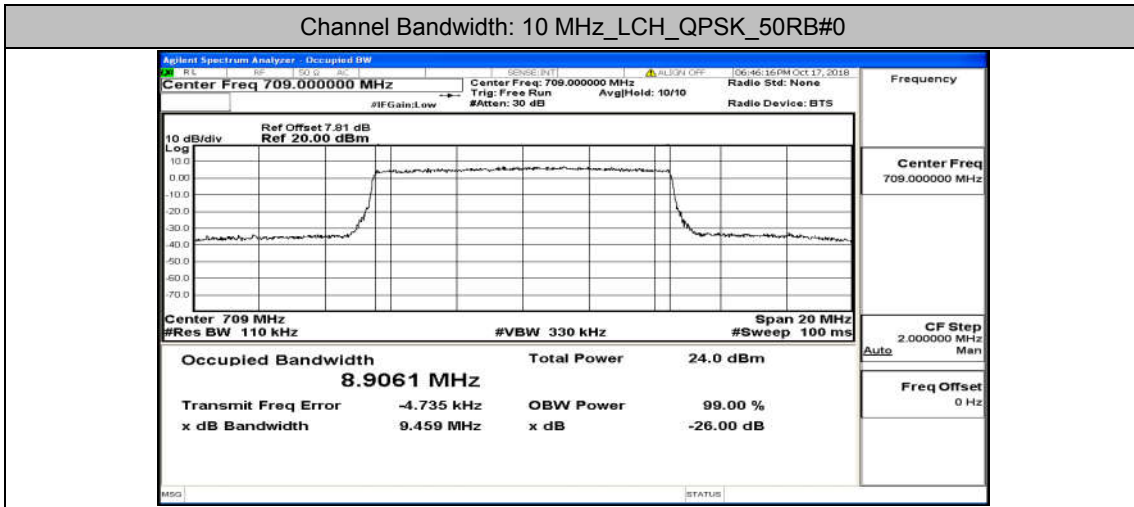


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



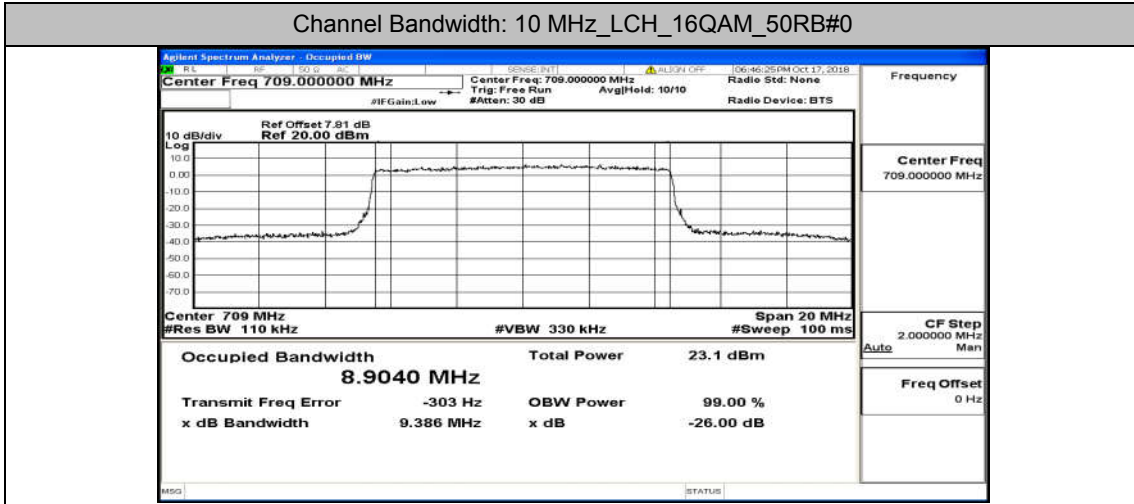


### Channel Bandwidth: 10 MHz

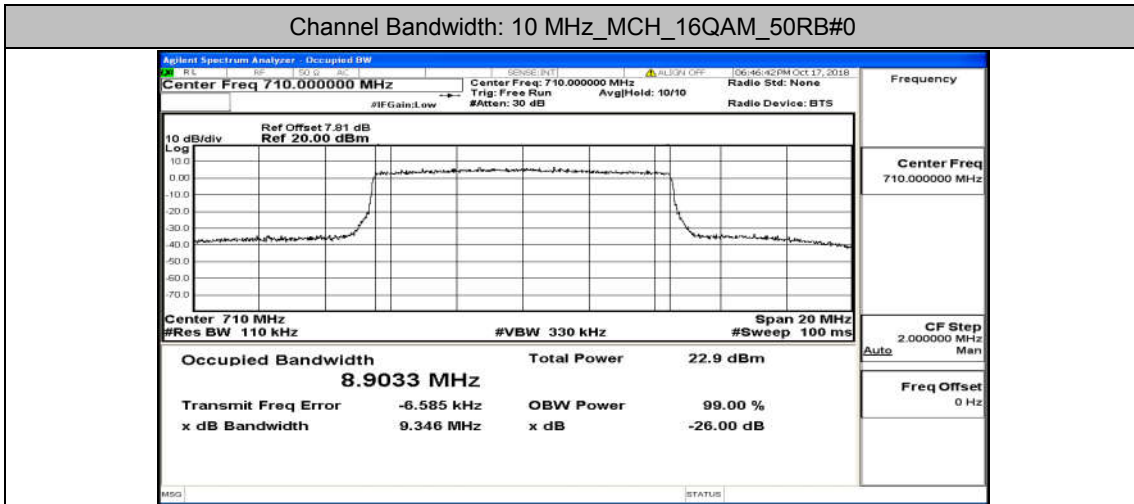




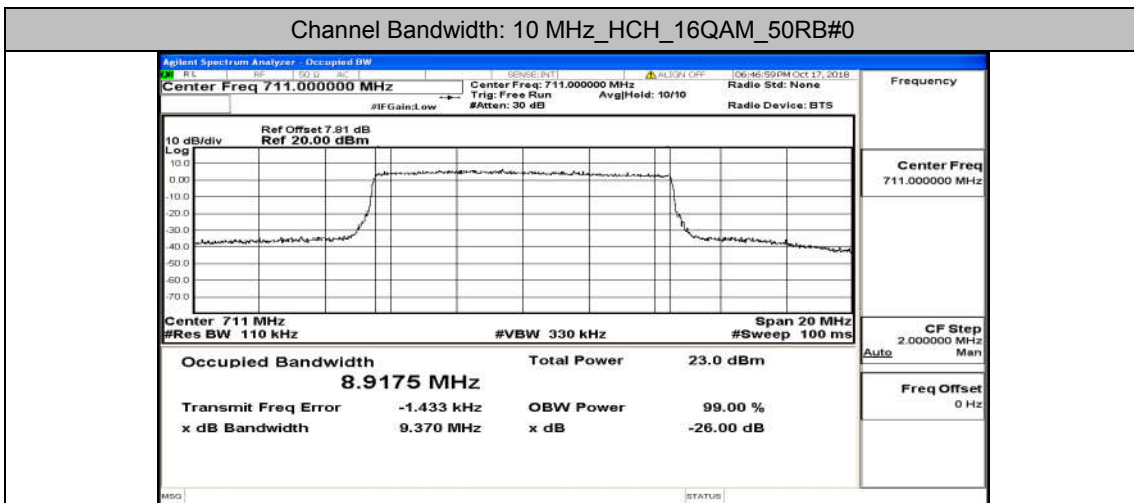
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



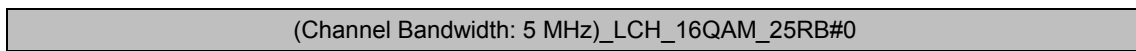
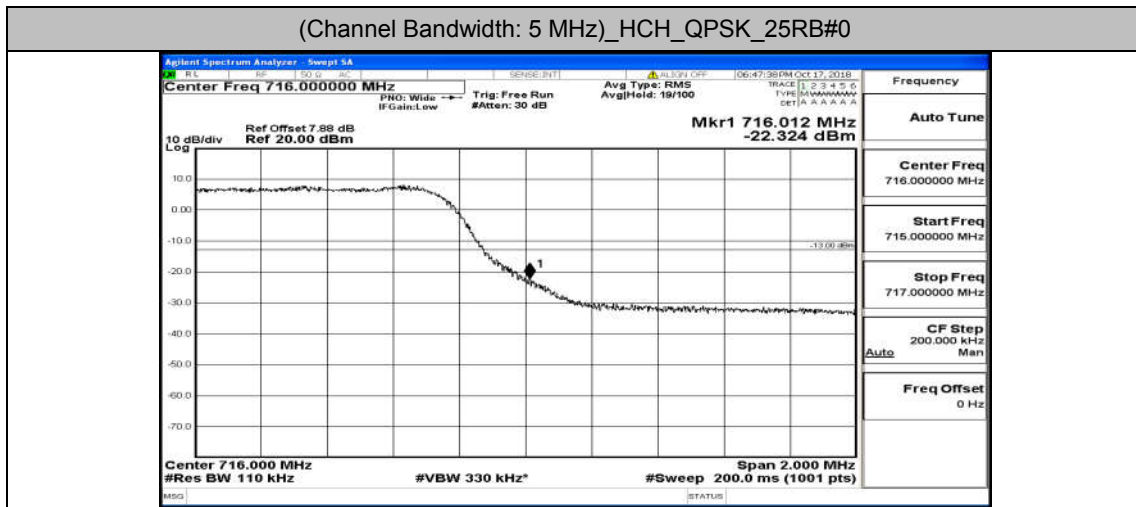
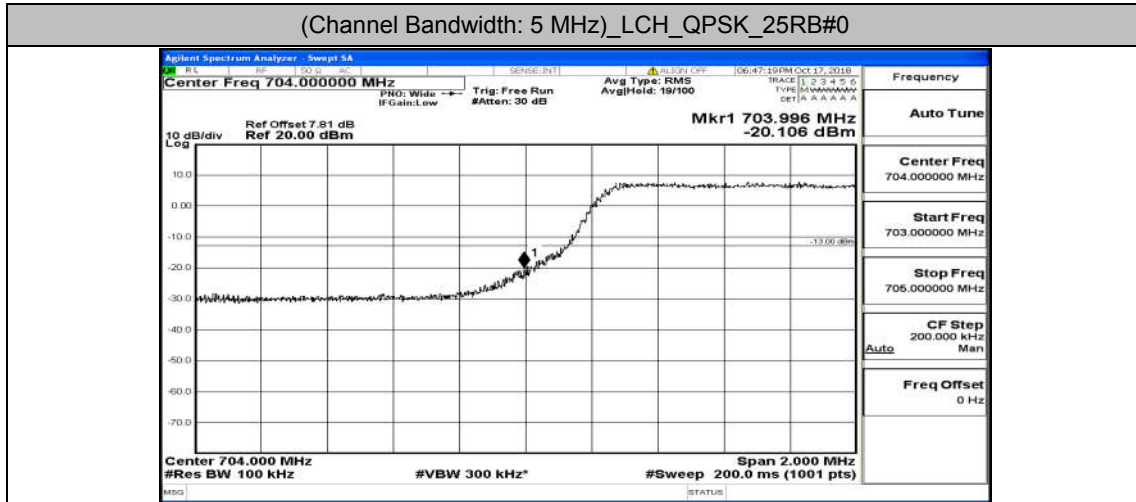
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0

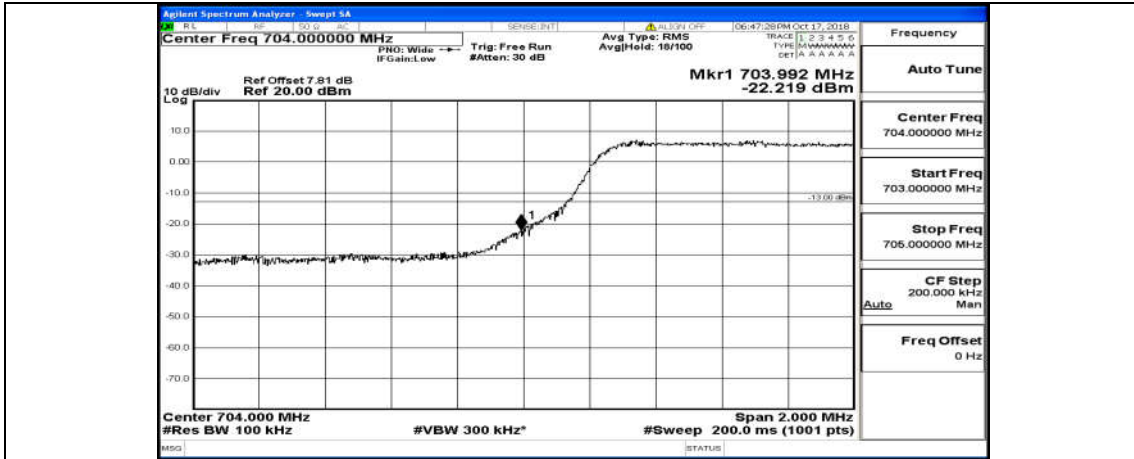


# Appendix E.4: Band Edge

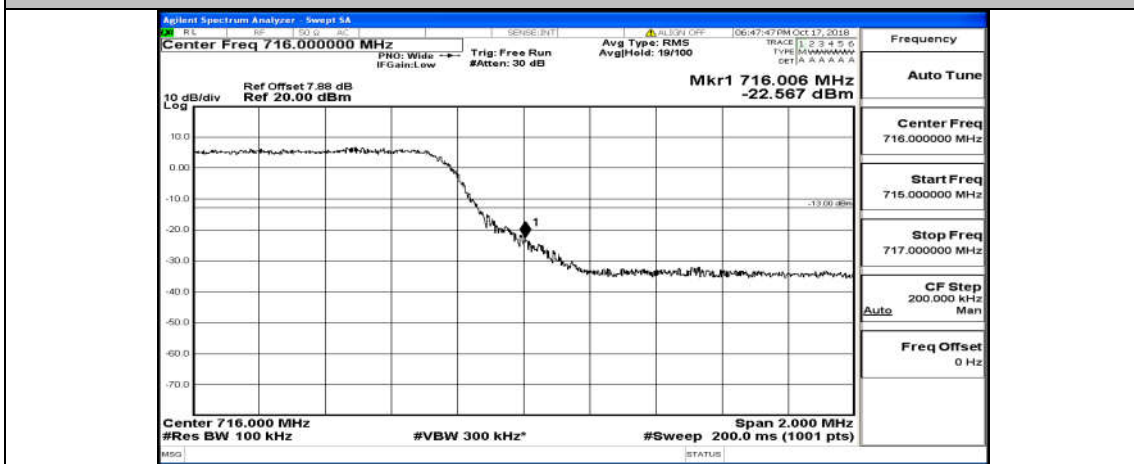
## Test Graphs

### Channel Bandwidth: 5 MHz



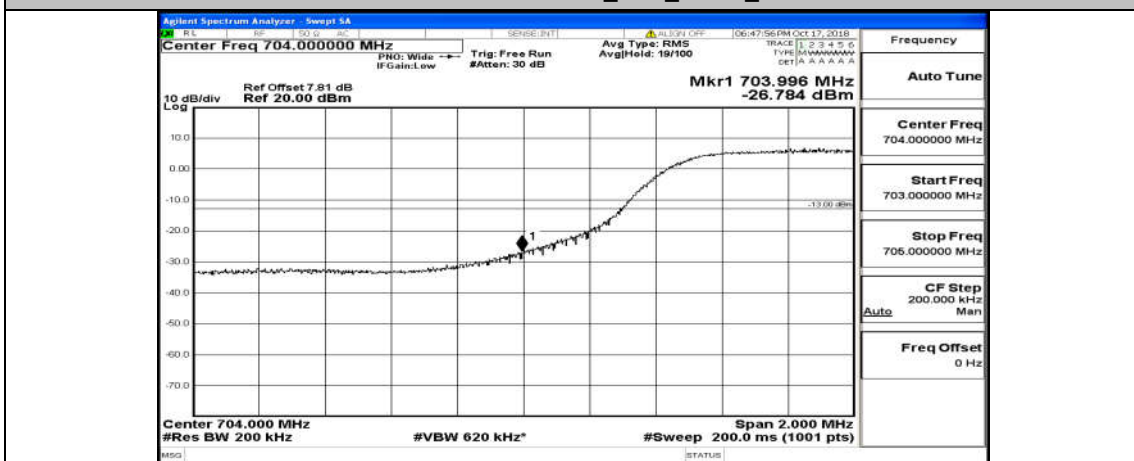


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

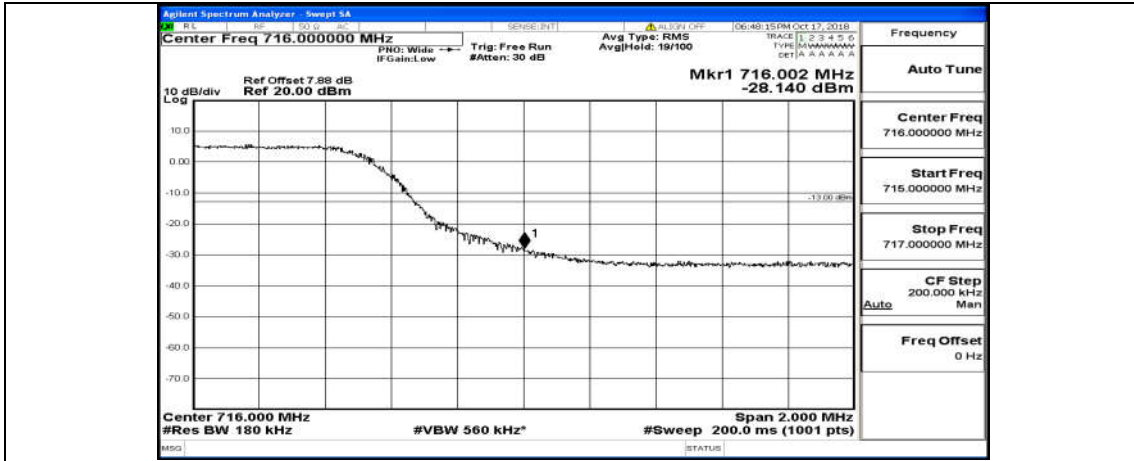


Channel Bandwidth: 10 MHz

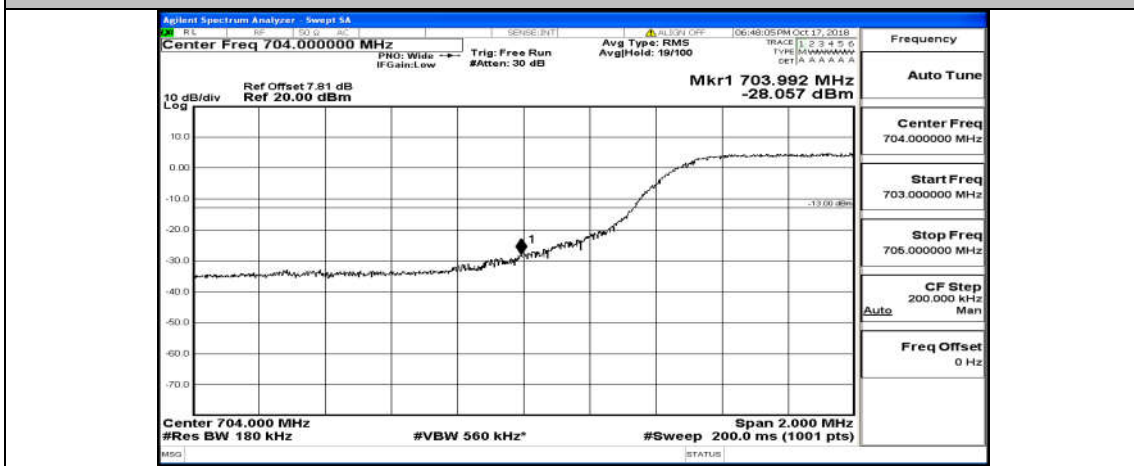
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0



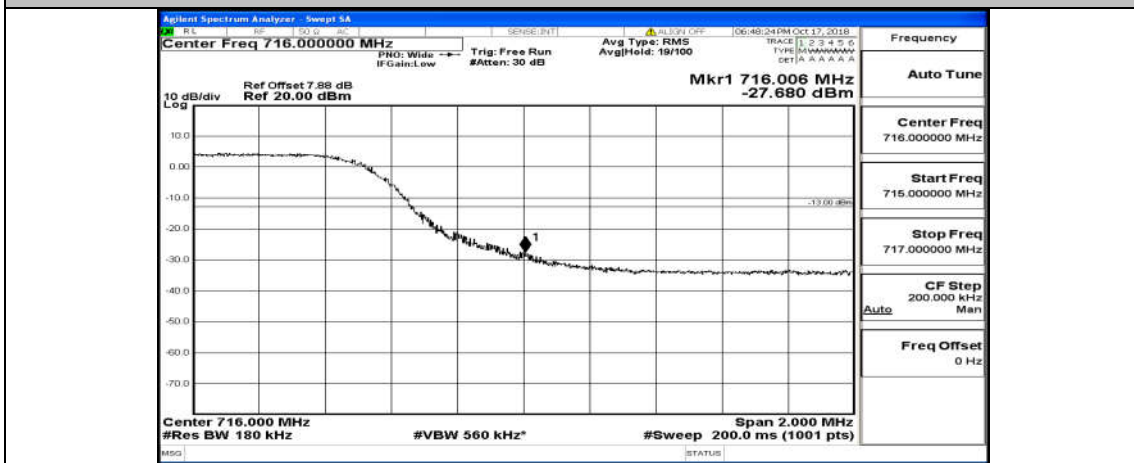
Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0



Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



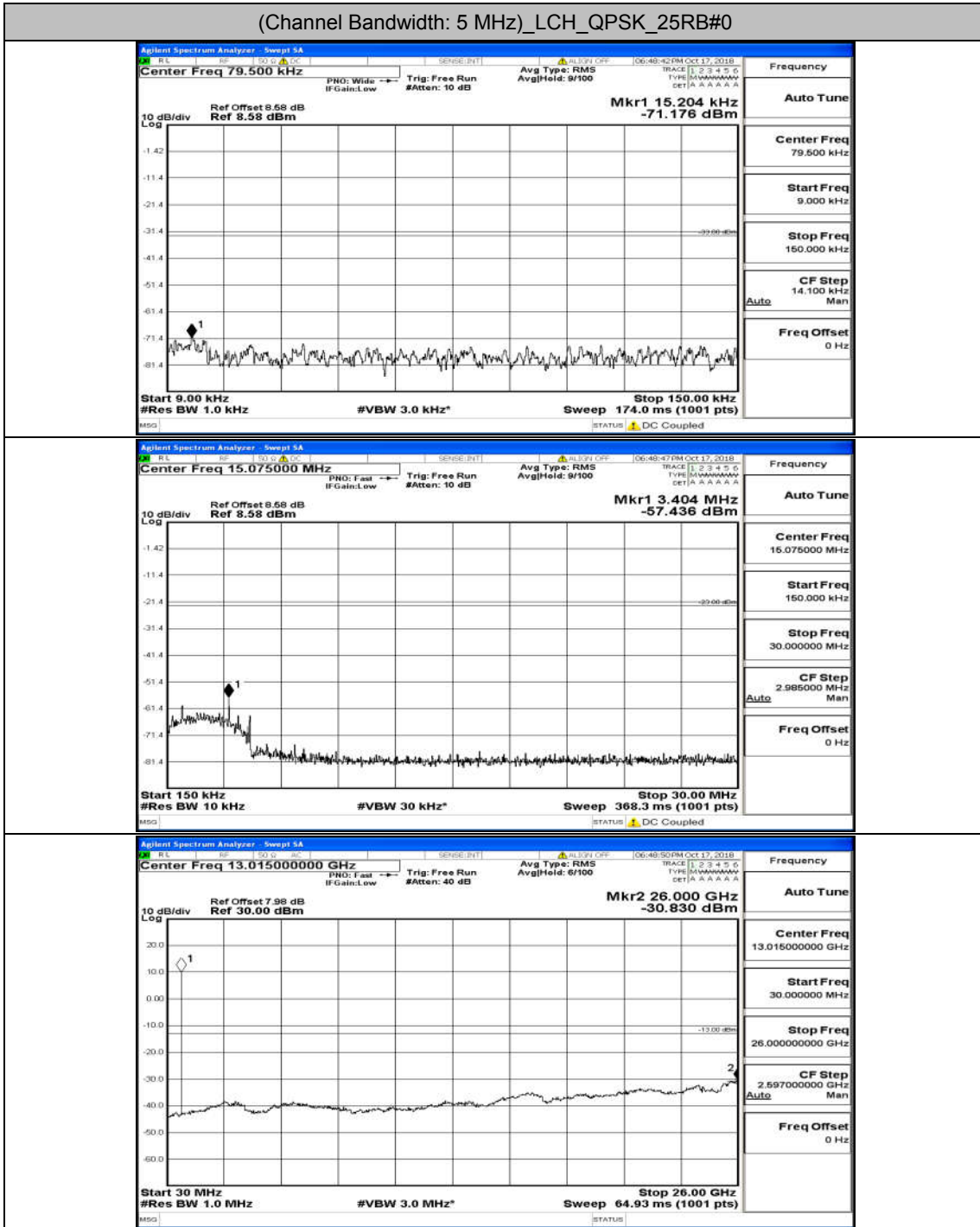
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0

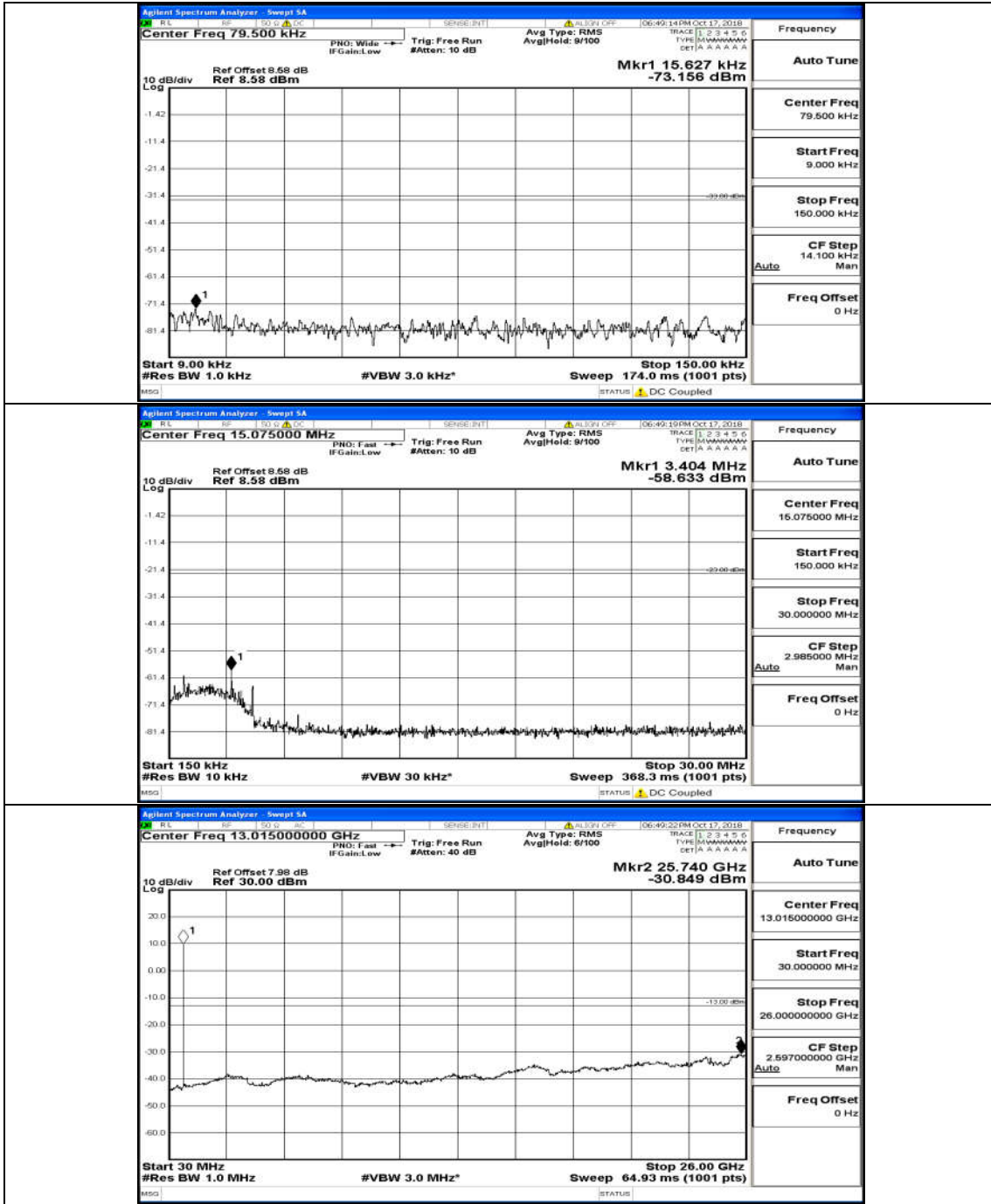


# Appendix E.5: Conducted Spurious Emission

## Test Graphs

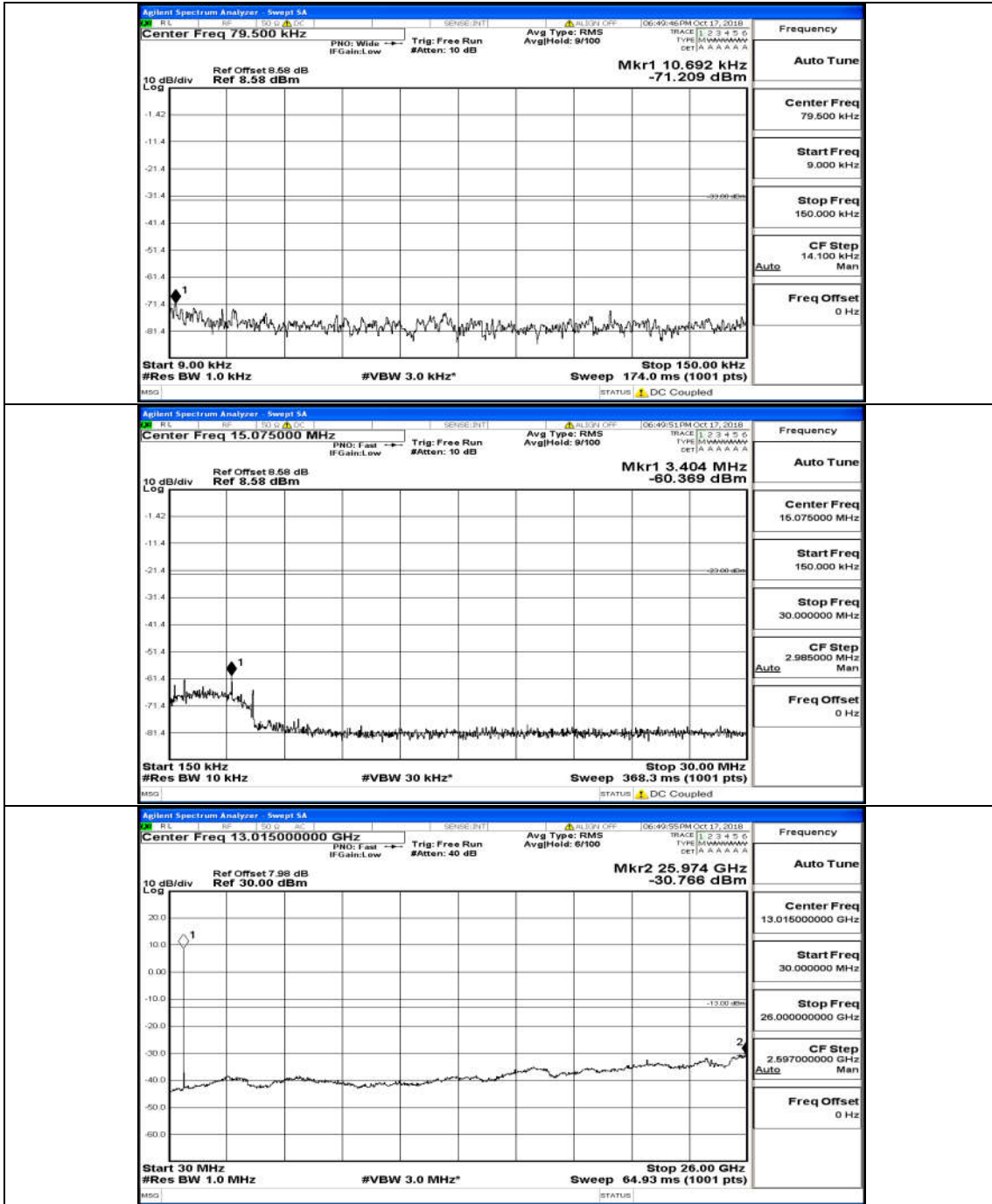
### Channel Bandwidth: 5 MHz



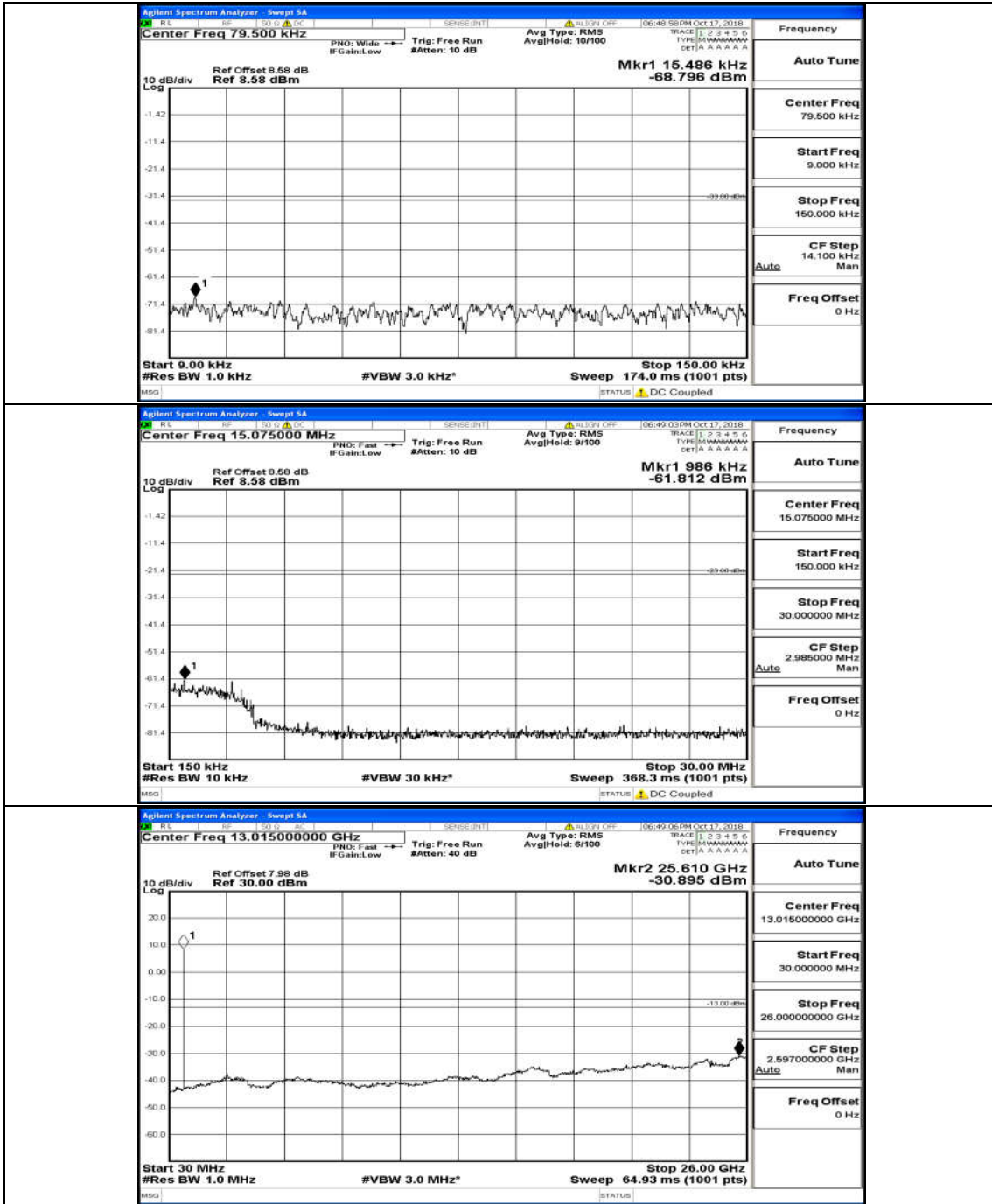


(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



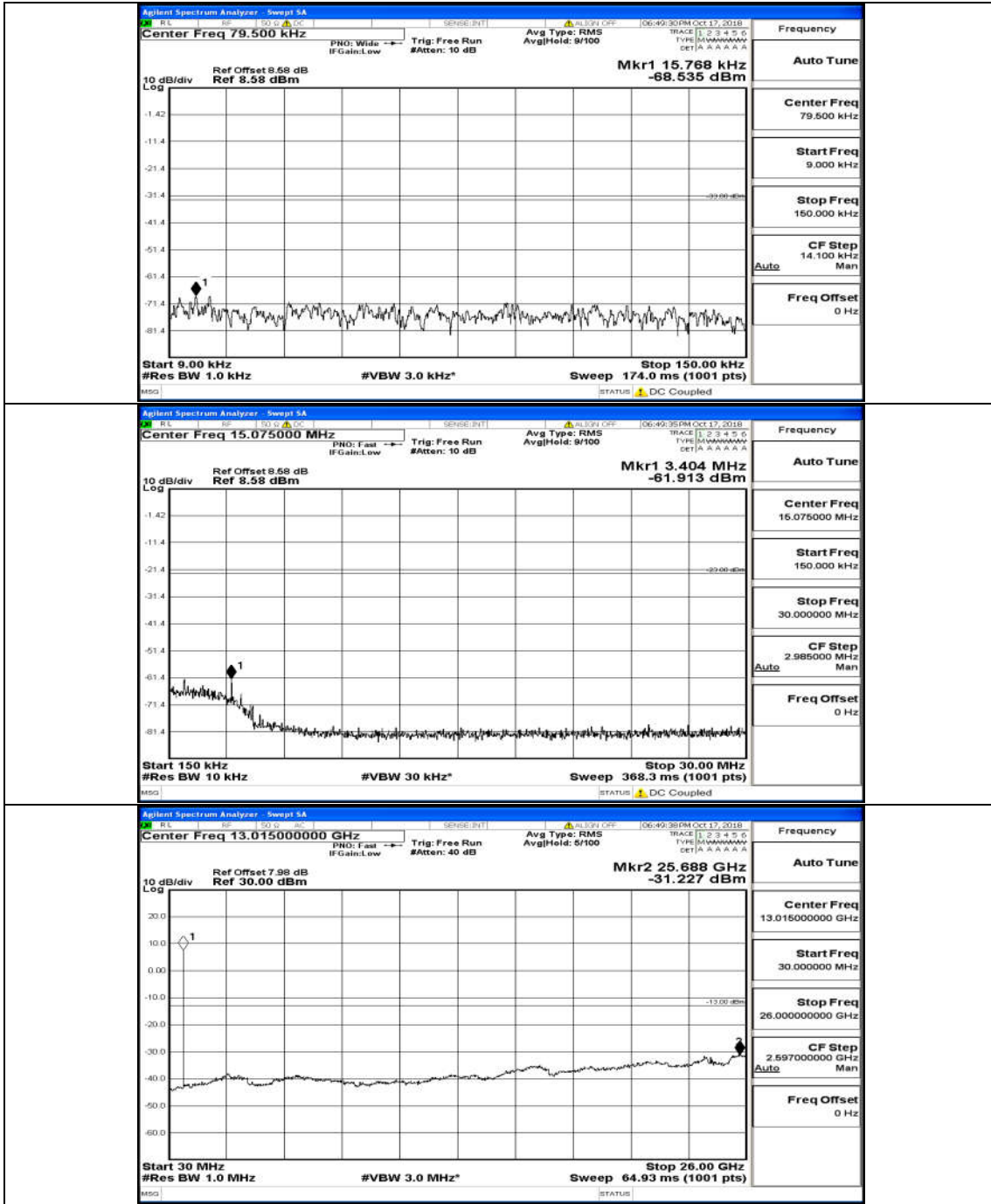


(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0

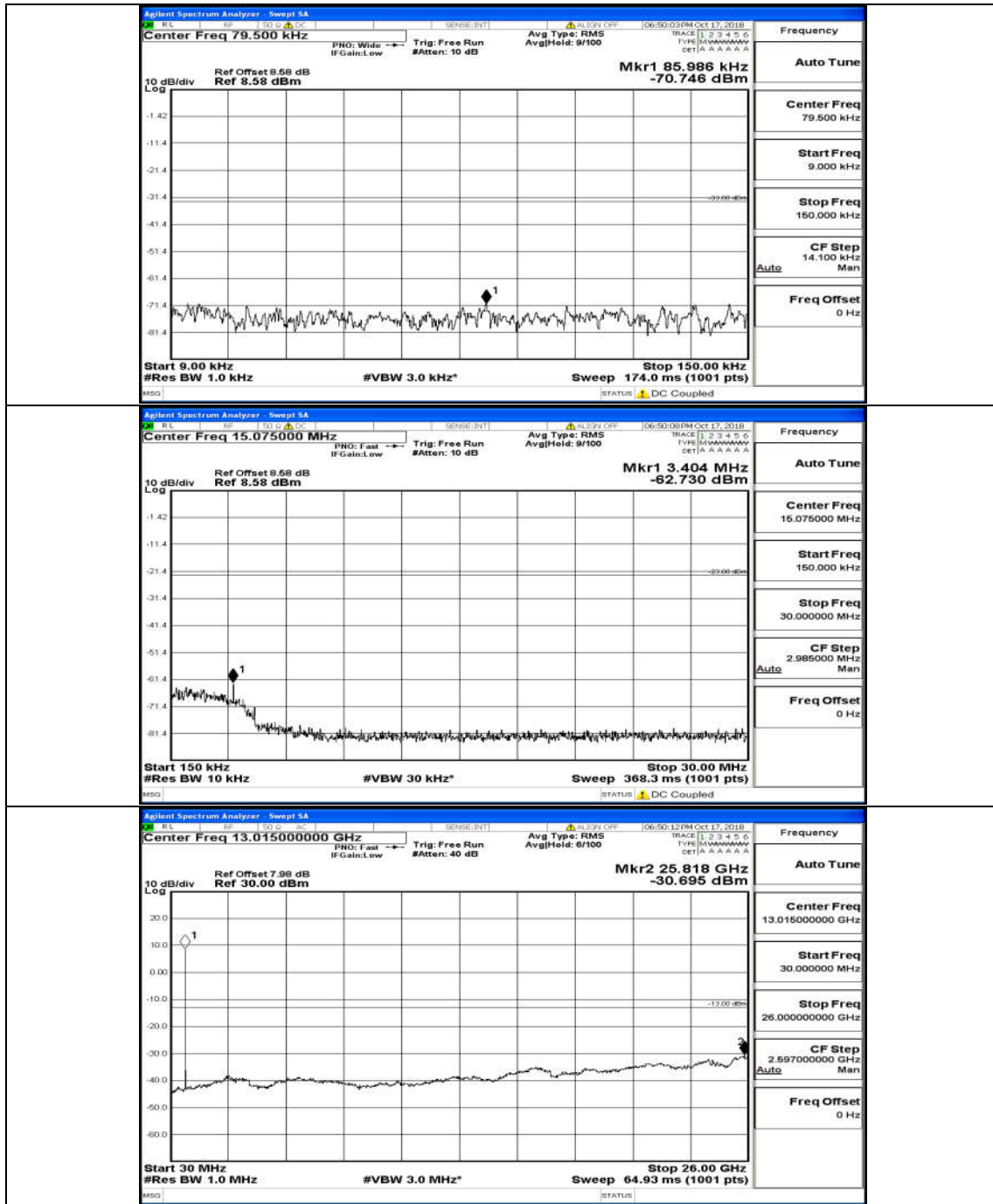


(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



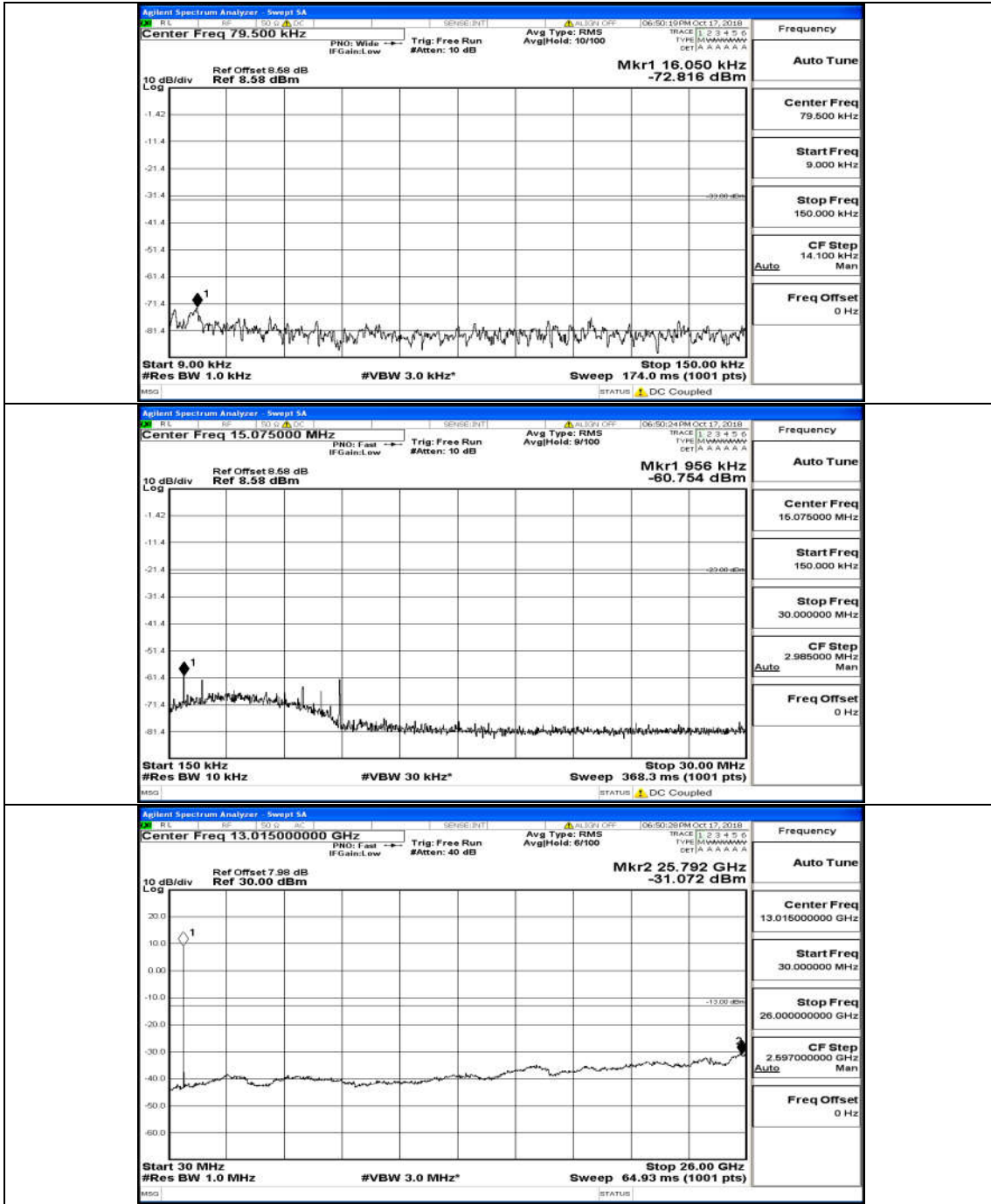


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

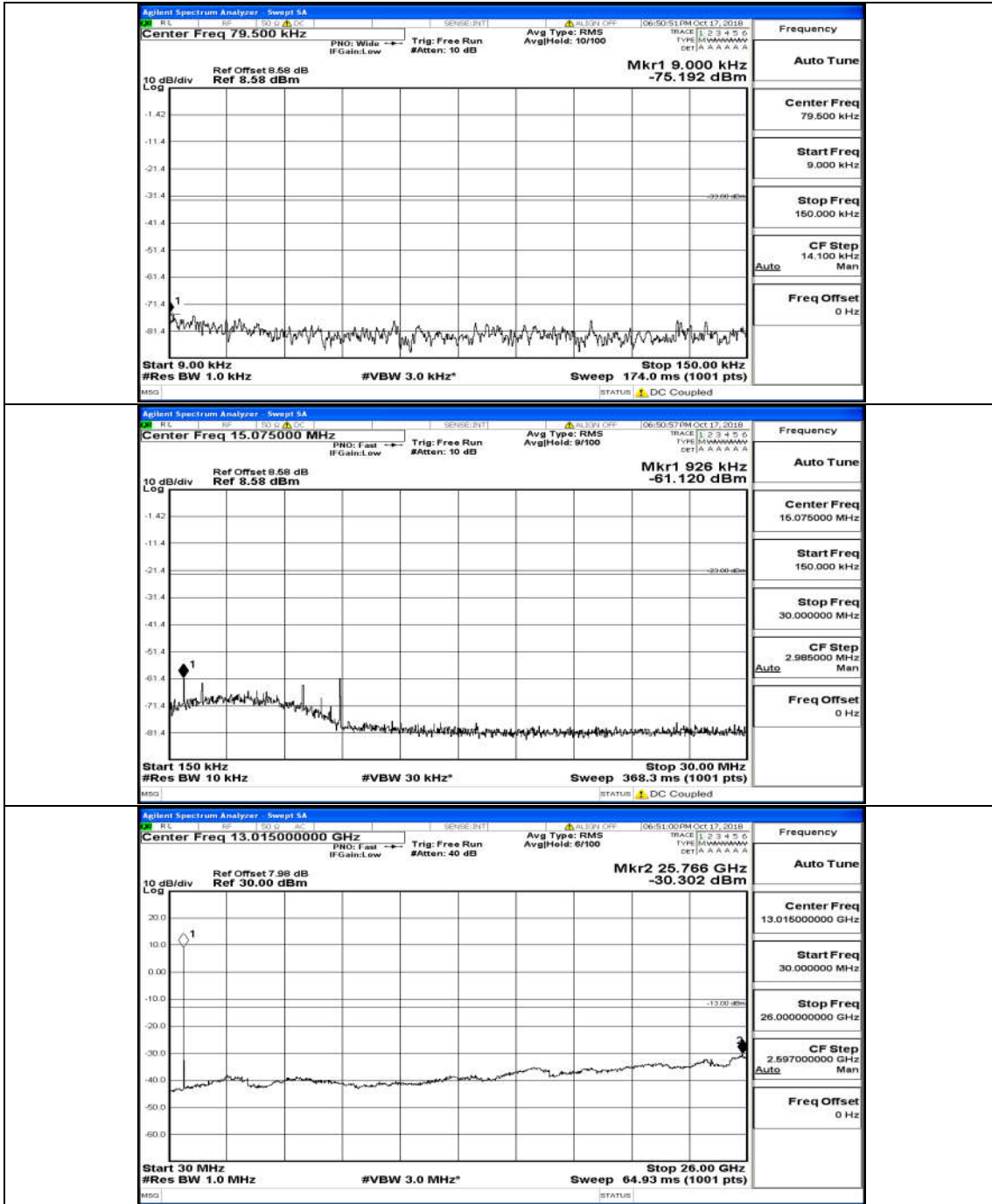


**Channel Bandwidth: 10 MHz**

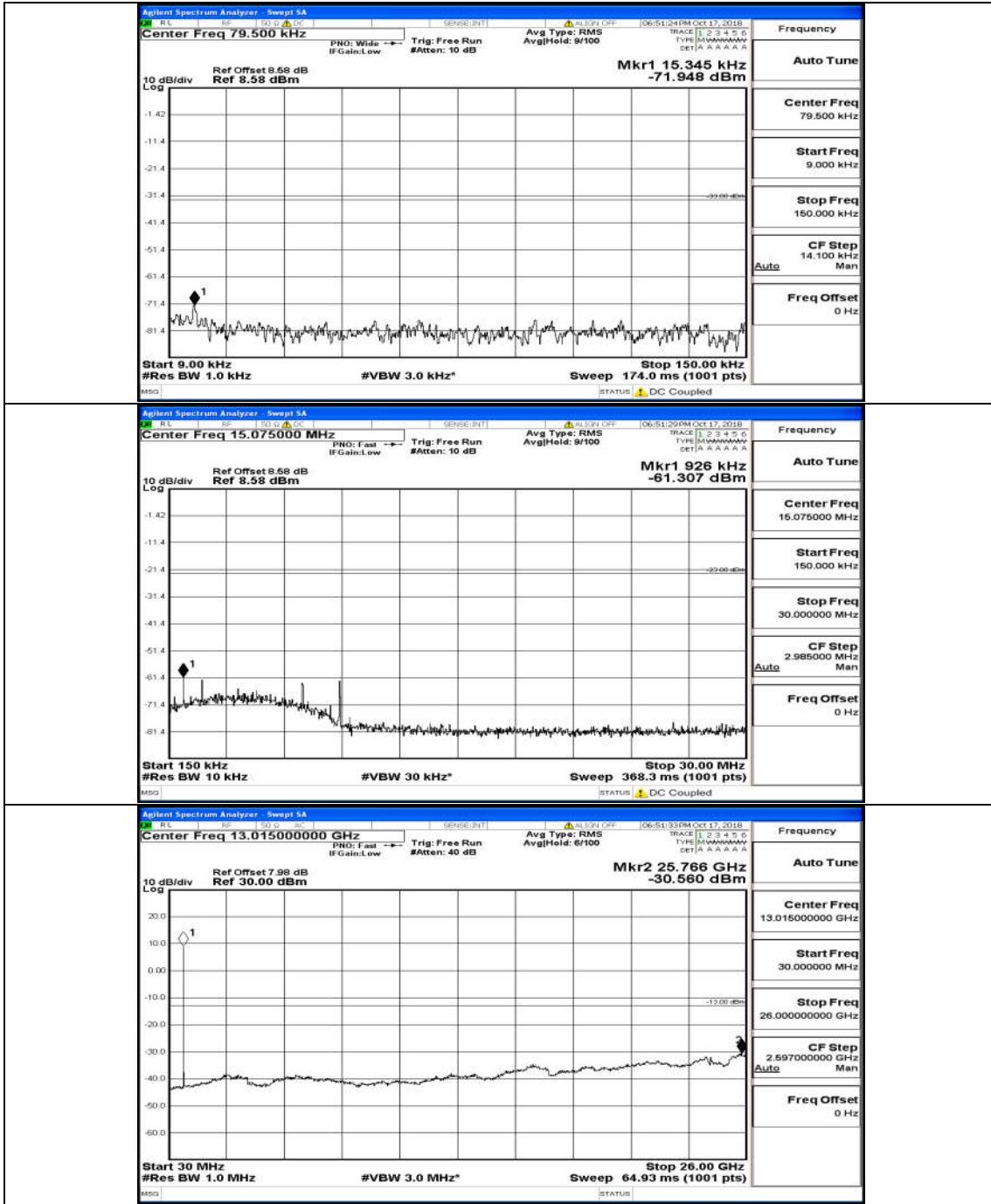
Channel Bandwidth: 10 MHz\_LCH\_QPSK\_50RB#0



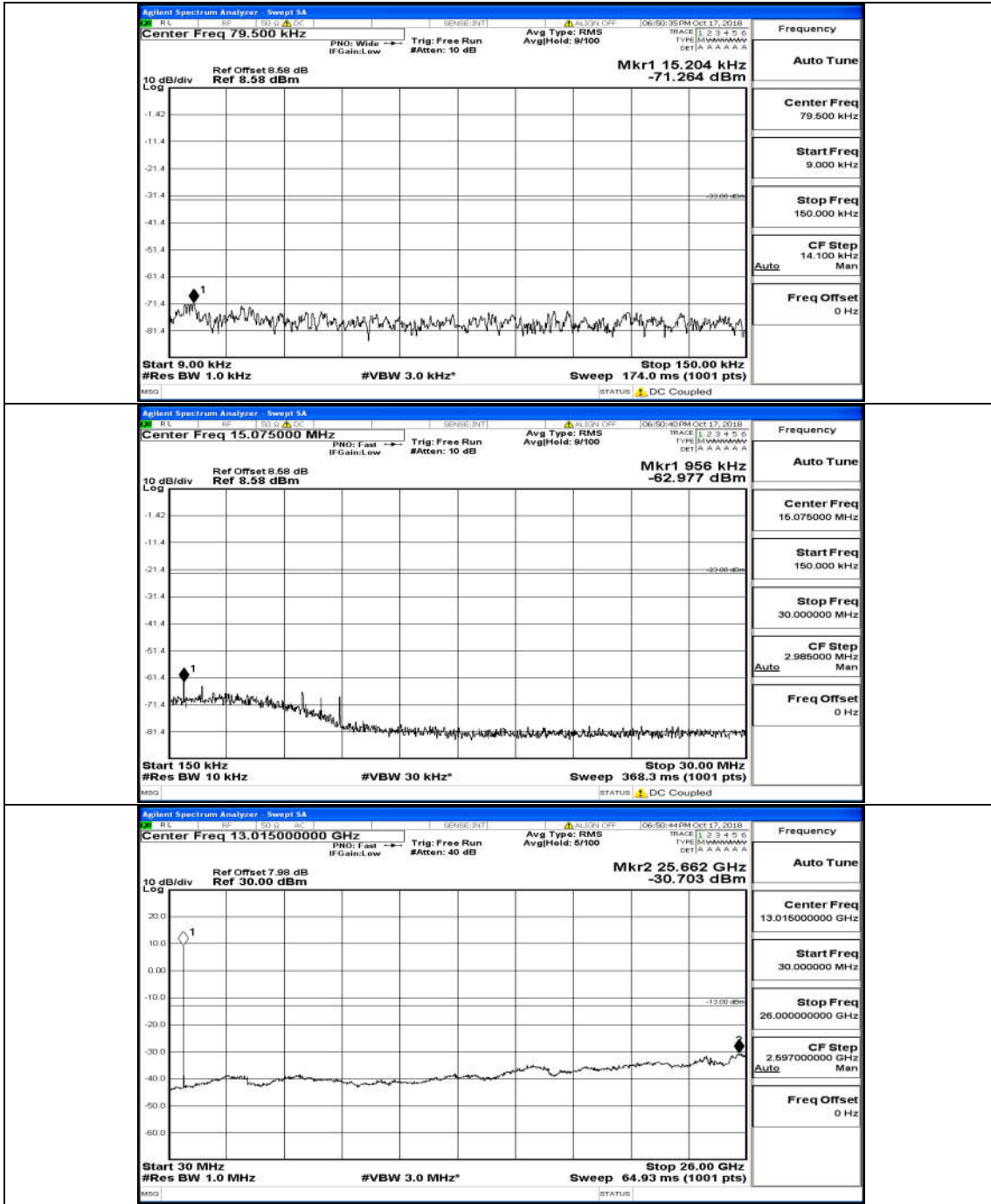
Channel Bandwidth: 10 MHz\_MCH\_QPSK\_50RB#0



Channel Bandwidth: 10 MHz\_HCH\_QPSK\_50RB#0

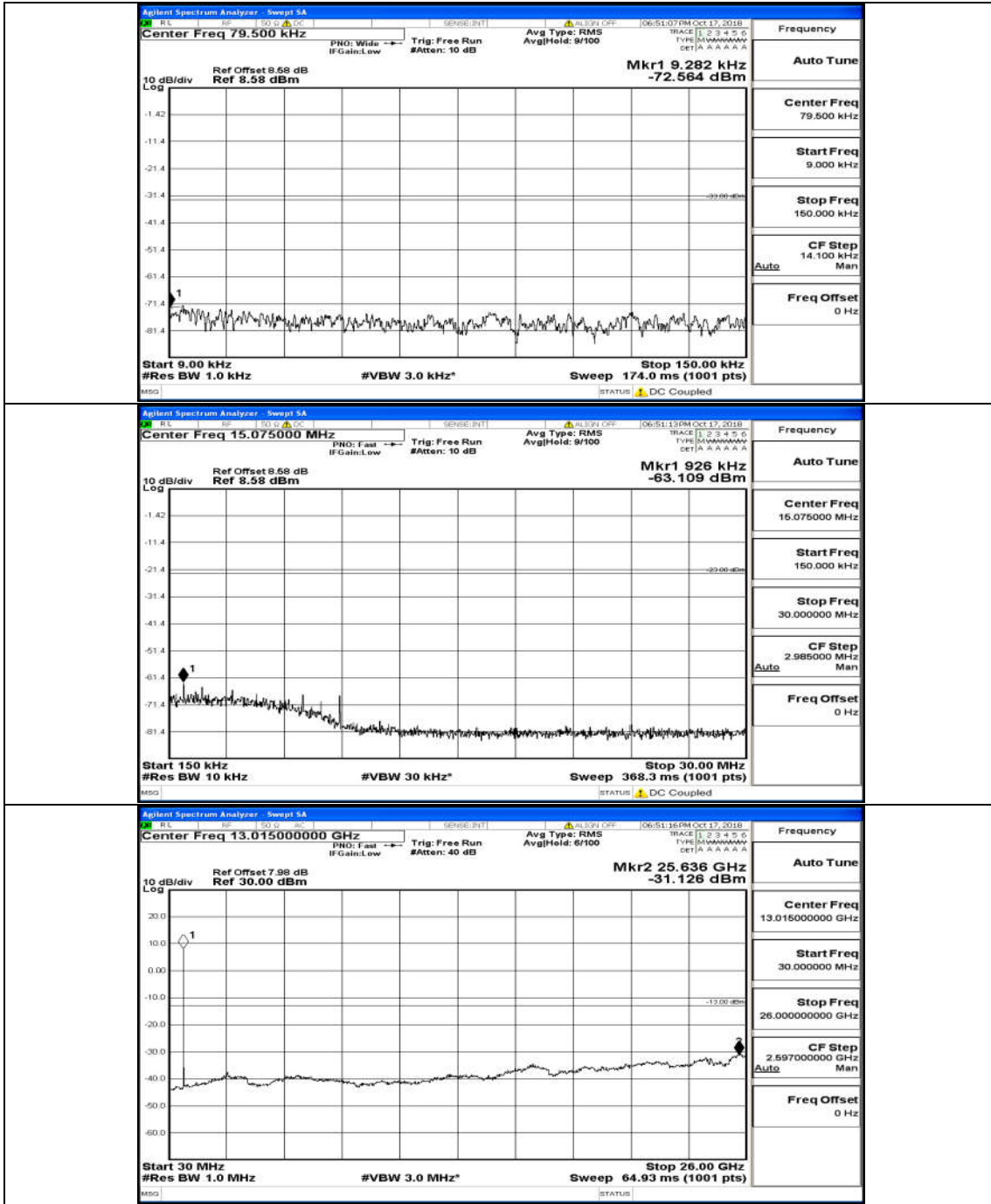


Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0





Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0

