

Appendix D: Test Data for E-UTRA Band 7

Product Name: 3G/4G Smart Phone

Trade Mark: DOOGEE

Test Model: S59Pro

Environmental Conditions

Temperature:	22.9° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

D.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.33	22.45	PASS
		1	3	23.44	22.62	PASS
		1	5	23.37	22.53	PASS
		3	0	23.44	22.31	PASS
		3	2	23.44	22.33	PASS
		3	3	23.45	22.31	PASS
		6	0	22.36	21.43	PASS
	MCH	1	0	22.56	21.74	PASS
		1	3	22.64	21.87	PASS
		1	5	22.60	21.78	PASS
		3	0	22.66	21.59	PASS
		3	2	22.66	21.58	PASS
		3	3	22.71	21.59	PASS
		6	0	21.60	20.52	PASS
	HCH	1	0	22.75	21.65	PASS
		1	3	22.94	21.78	PASS
		1	5	22.79	21.68	PASS
		3	0	22.84	21.66	PASS
		3	2	22.84	21.66	PASS
		3	3	22.92	21.67	PASS
		6	0	21.85	20.83	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.32	22.52	PASS
		1	7	23.37	22.51	PASS
		1	14	23.48	22.61	PASS
		8	0	22.35	21.40	PASS
		8	4	22.34	21.42	PASS
		8	7	22.46	21.48	PASS
		15	0	22.40	21.44	PASS
	MCH	1	0	22.53	21.76	PASS
		1	7	22.61	21.77	PASS
		1	14	22.65	21.84	PASS
		8	0	21.58	20.61	PASS
		8	4	21.56	20.59	PASS
		8	7	21.62	20.64	PASS
		15	0	21.58	20.53	PASS
	HCH	1	0	22.76	21.68	PASS
		1	7	22.77	21.70	PASS
		1	14	22.82	21.72	PASS
		8	0	21.85	20.82	PASS
		8	4	21.82	20.81	PASS
		8	7	21.84	20.83	PASS
		15	0	21.76	20.70	PASS

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	23.32	22.33	PASS
		1	12	23.55	22.56	PASS
		1	24	23.52	22.53	PASS
		12	0	22.36	21.39	PASS
		12	6	22.39	21.38	PASS
		12	13	22.53	21.52	PASS
		25	0	22.44	21.53	PASS
	MCH	1	0	22.52	21.72	PASS
		1	12	22.70	21.91	PASS
		1	24	22.70	21.93	PASS
		12	0	21.58	20.62	PASS
		12	6	21.58	20.64	PASS
		12	13	21.69	20.77	PASS
		25	0	21.63	20.65	PASS
	HCH	1	0	22.72	21.74	PASS
		1	12	22.88	21.87	PASS
		1	24	22.84	21.83	PASS
		12	0	21.71	20.71	PASS
		12	6	21.68	20.78	PASS
		12	13	21.81	20.79	PASS
		25	0	21.77	20.84	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	23.33	22.52	PASS
		1	24	23.60	22.82	PASS
		1	49	23.47	22.70	PASS
		25	0	22.51	21.54	PASS
		25	12	22.49	21.54	PASS
		25	25	22.53	21.58	PASS
		50	0	22.53	21.51	PASS
	MCH	1	0	22.55	21.54	PASS
		1	24	22.67	21.78	PASS
		1	49	22.70	21.90	PASS
		25	0	21.49	20.54	PASS
		25	12	21.47	20.51	PASS
		25	25	21.67	20.75	PASS
		50	0	21.55	20.60	PASS
	HCH	1	0	22.74	21.66	PASS
		1	24	22.71	21.67	PASS
		1	49	22.68	21.61	PASS
		25	0	21.72	20.78	PASS
		25	12	21.68	20.78	PASS
		25	25	21.70	20.76	PASS
		50	0	21.65	20.69	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	23.15	22.32	PASS
		1	37	23.46	22.69	PASS
		1	74	23.02	22.23	PASS
		37	0	22.46	22.46	PASS
		37	18	22.48	22.46	PASS
		37	38	22.46	22.46	PASS
		75	0	22.46	21.41	PASS
	MCH	1	0	22.31	21.59	PASS
		1	37	22.49	21.76	PASS
		1	74	22.73	22.05	PASS
		37	0	21.56	21.59	PASS
		37	18	21.56	21.61	PASS
		37	38	21.58	21.59	PASS
		75	0	21.56	20.58	PASS
	HCH	1	0	22.90	21.76	PASS
		1	37	22.68	21.60	PASS
		1	74	22.54	21.47	PASS
		37	0	21.85	21.85	PASS
		37	18	21.86	21.85	PASS
		37	38	21.85	21.86	PASS
		75	0	21.85	20.79	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	23.07	22.10	PASS
		1	49	23.54	22.65	PASS
		1	99	22.46	21.47	PASS
		50	0	22.58	21.61	PASS
		50	25	22.56	21.60	PASS
		50	50	22.08	21.14	PASS
		100	0	22.42	21.49	PASS
	MCH	1	0	22.38	21.52	PASS
		1	49	22.59	21.76	PASS
		1	99	22.67	21.87	PASS
		50	0	21.29	20.29	PASS
		50	25	21.23	20.29	PASS
		50	50	21.72	20.79	PASS
		100	0	21.48	20.57	PASS
	HCH	1	0	22.65	21.85	PASS
		1	49	22.81	21.90	PASS
		1	99	22.21	21.39	PASS
		50	0	22.11	21.23	PASS
		50	25	22.10	21.22	PASS
		50	50	21.71	20.79	PASS
		100	0	21.94	20.97	PASS

D.2 Peak-to-Average Ratio

Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.93	<13	PASS
	MCH	5.36	<13	PASS
	HCH	4.65	<13	PASS
16QAM	LCH	5.79	<13	PASS
	MCH	6.1	<13	PASS
	HCH	5.62	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.95	<13	PASS
	MCH	5.33	<13	PASS
	HCH	4.81	<13	PASS
16QAM	LCH	5.87	<13	PASS
	MCH	6.21	<13	PASS
	HCH	5.8	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.96	<13	PASS
	MCH	5.4	<13	PASS
	HCH	4.97	<13	PASS
16QAM	LCH	5.79	<13	PASS
	MCH	6.23	<13	PASS
	HCH	5.79	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.97	<13	PASS
	MCH	5.46	<13	PASS
	HCH	5.12	<13	PASS
16QAM	LCH	5.8	<13	PASS
	MCH	6.31	<13	PASS
	HCH	5.98	<13	PASS

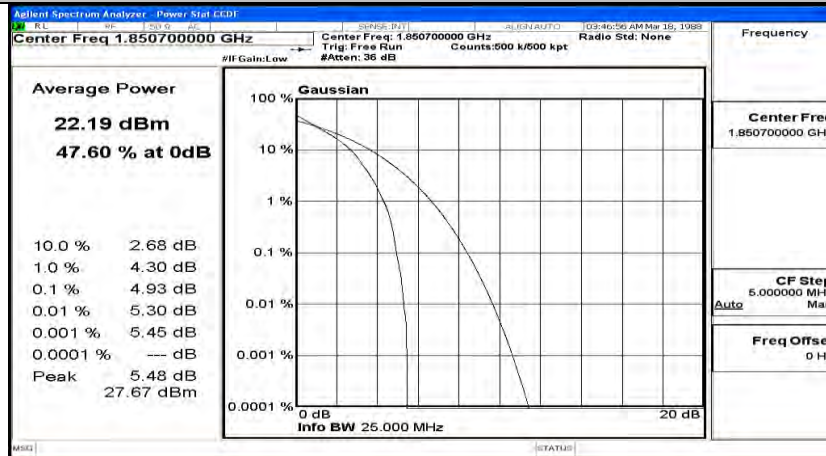
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.38	<13	PASS
	MCH	5.78	<13	PASS
	HCH	5.47	<13	PASS
16QAM	LCH	6.09	<13	PASS
	MCH	6.41	<13	PASS
	HCH	6.23	<13	PASS

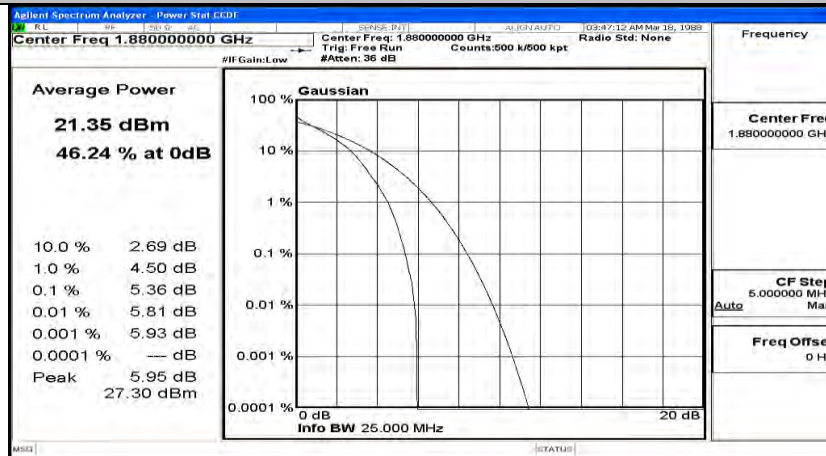
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.31	<13	PASS
	MCH	5.63	<13	PASS
	HCH	5.44	<13	PASS
16QAM	LCH	6.13	<13	PASS
	MCH	6.4	<13	PASS
	HCH	6.25	<13	PASS

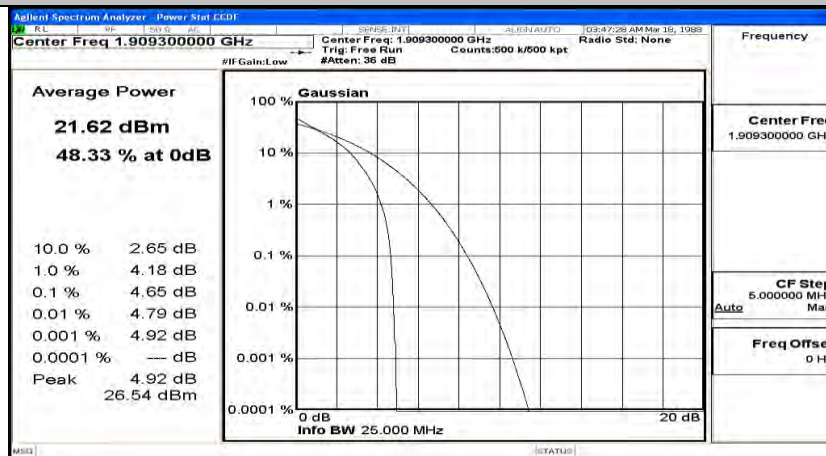
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



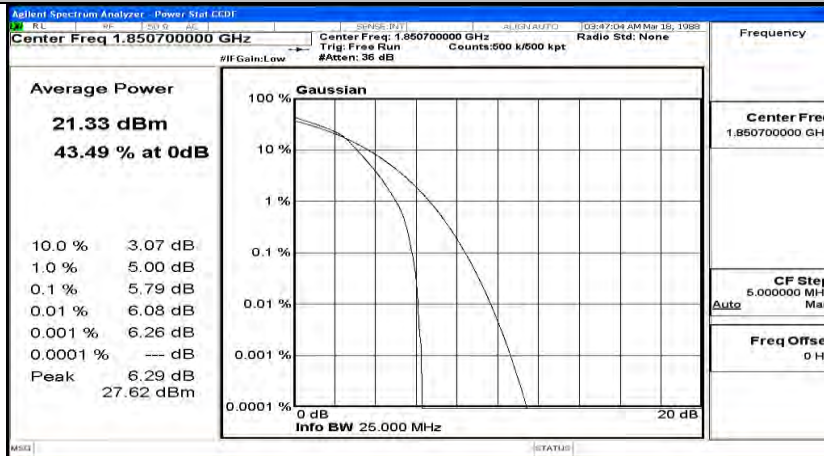
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



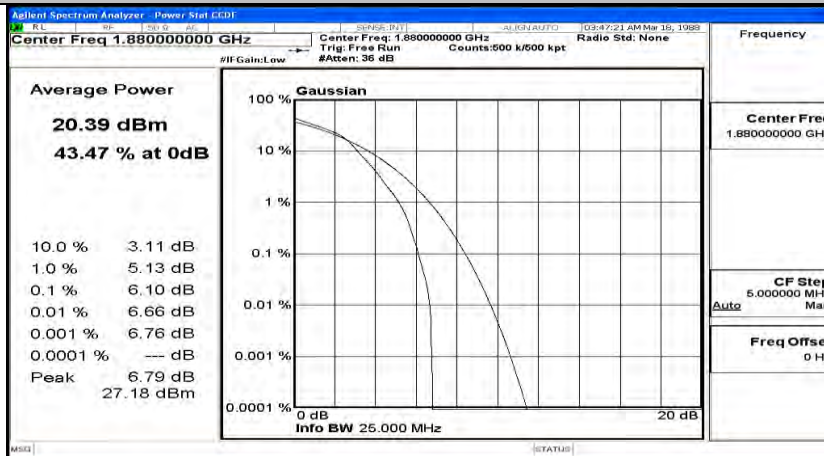
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



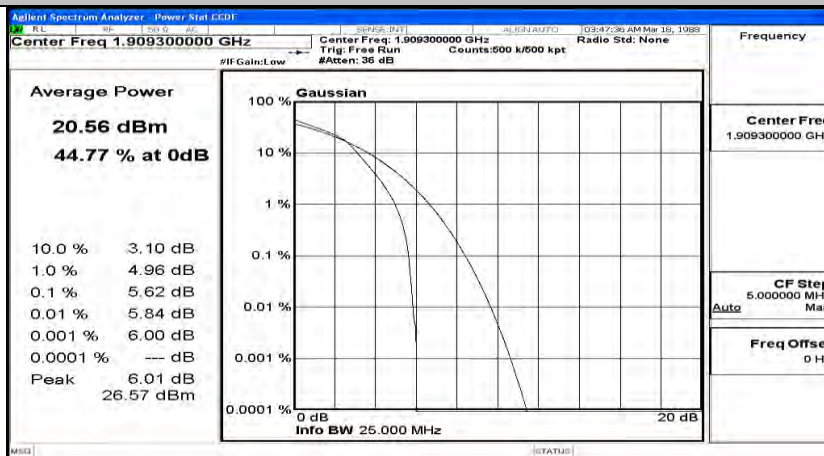
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



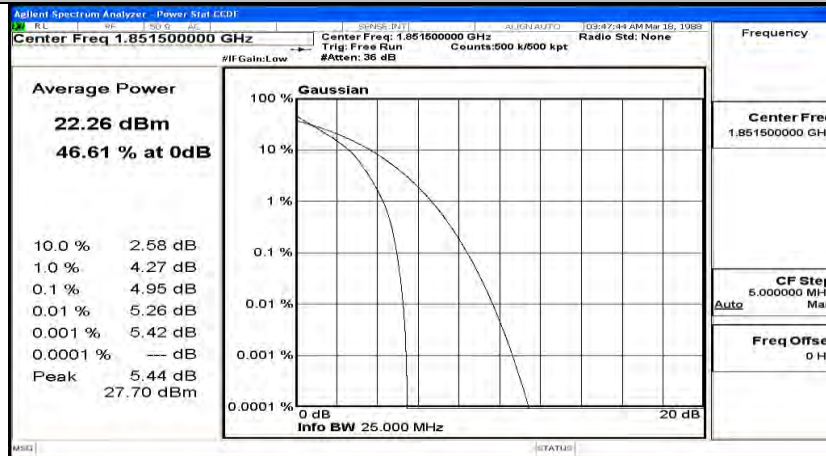
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



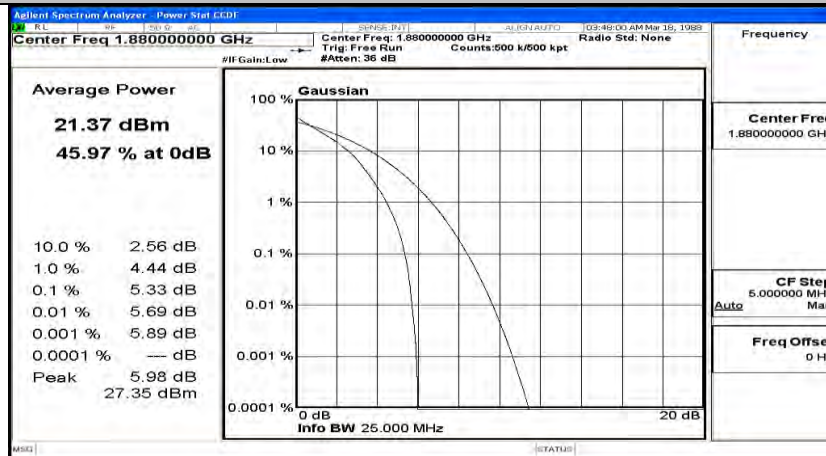
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



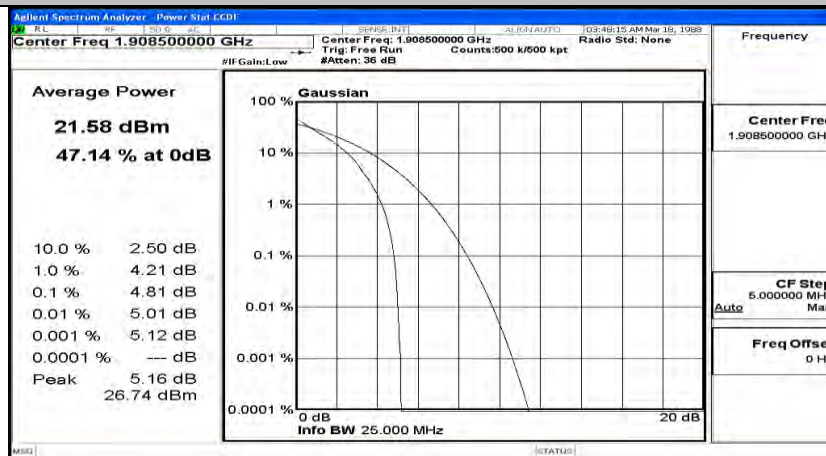
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



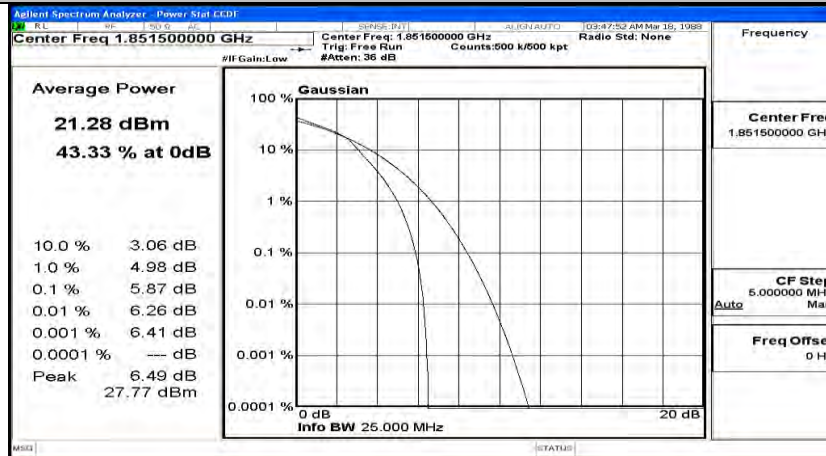
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



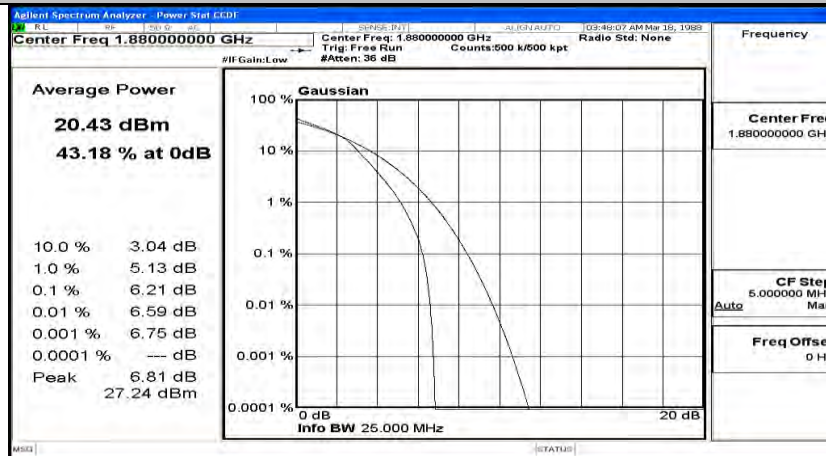
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



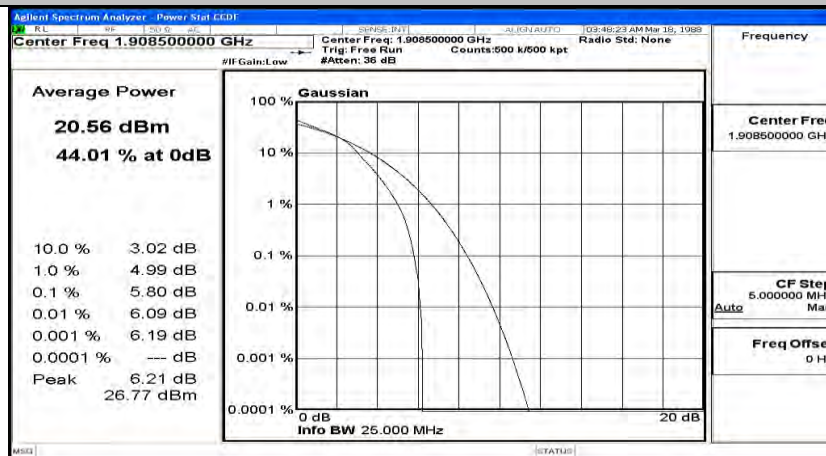
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



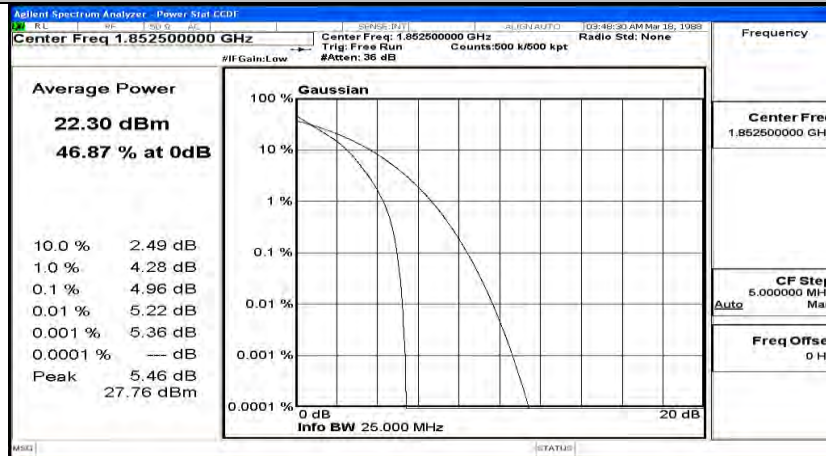
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



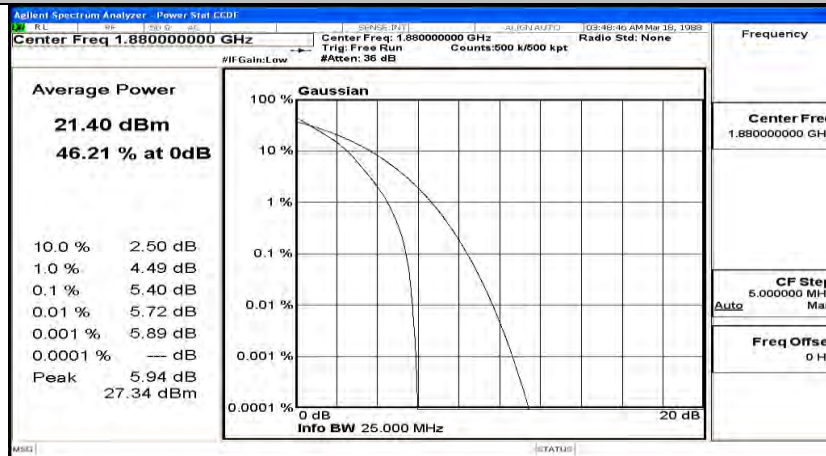
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



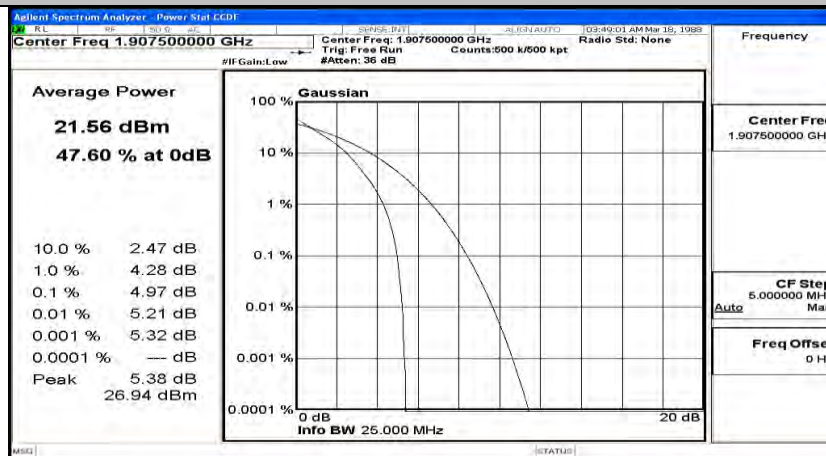
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



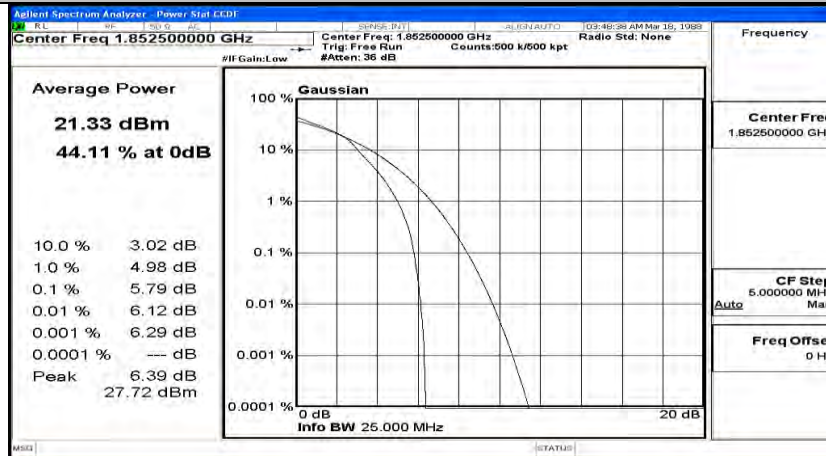
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



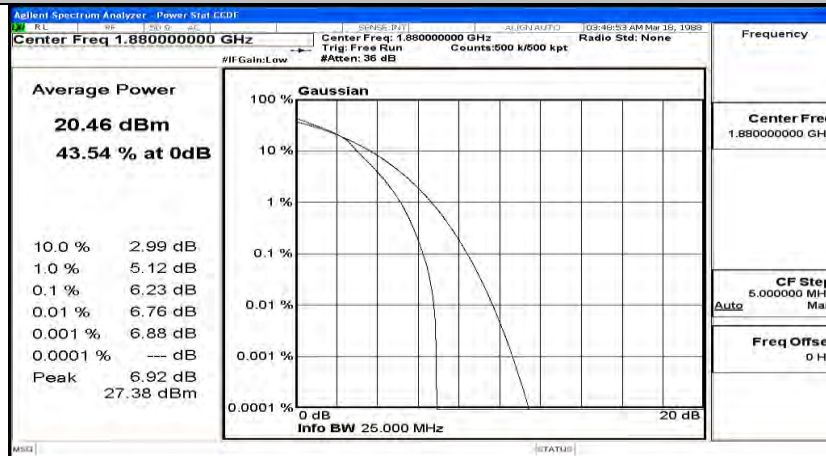
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



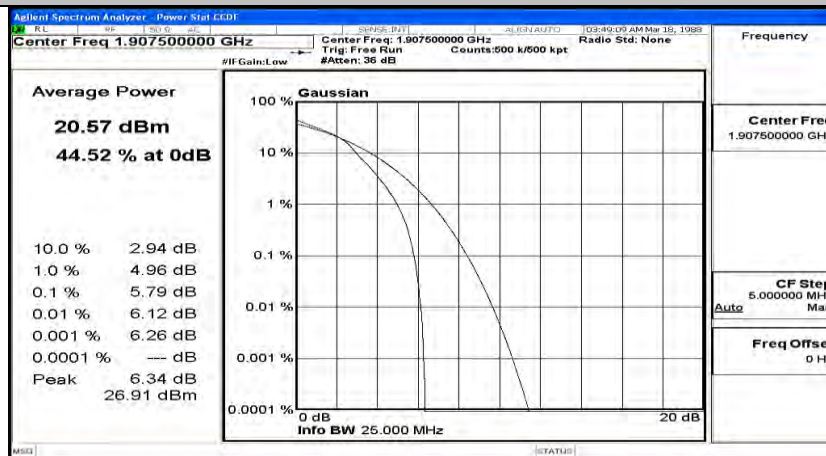
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



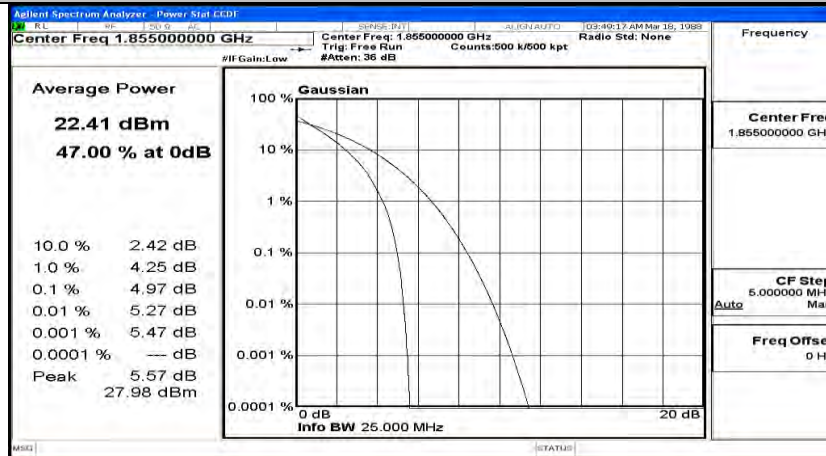
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



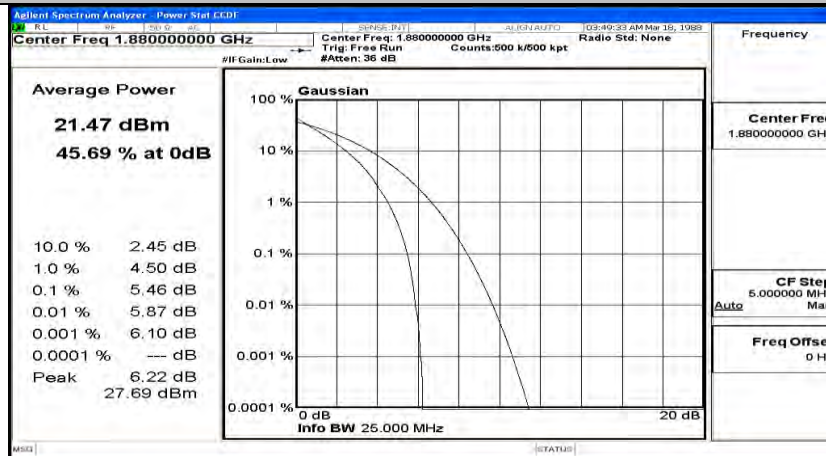
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



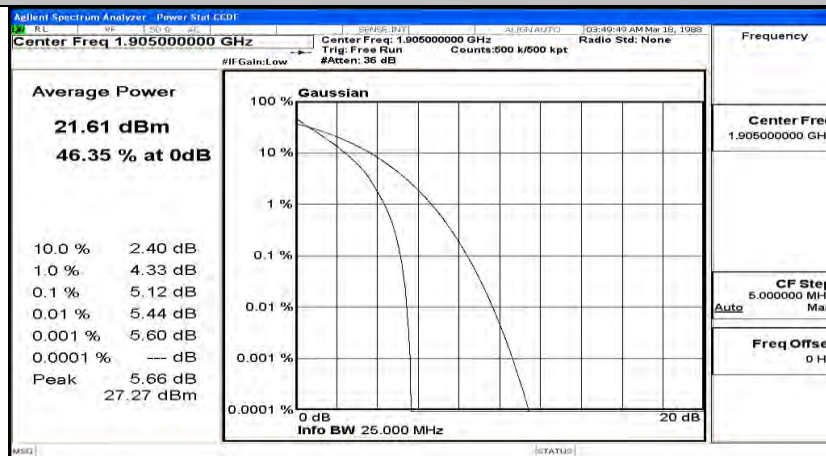
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



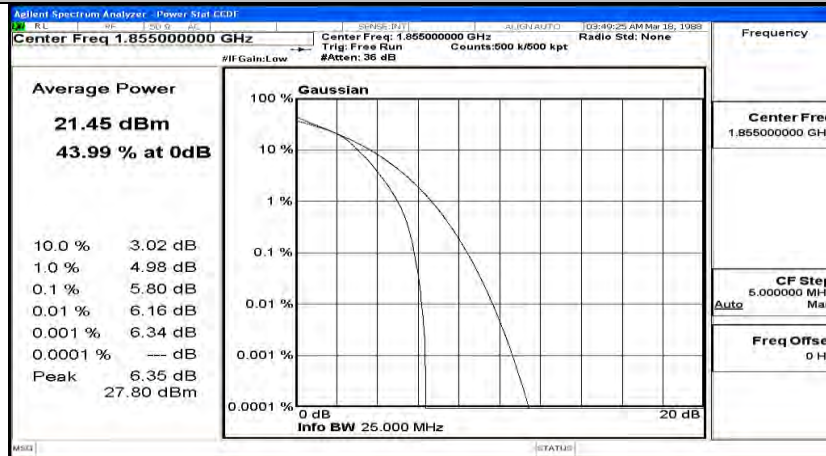
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



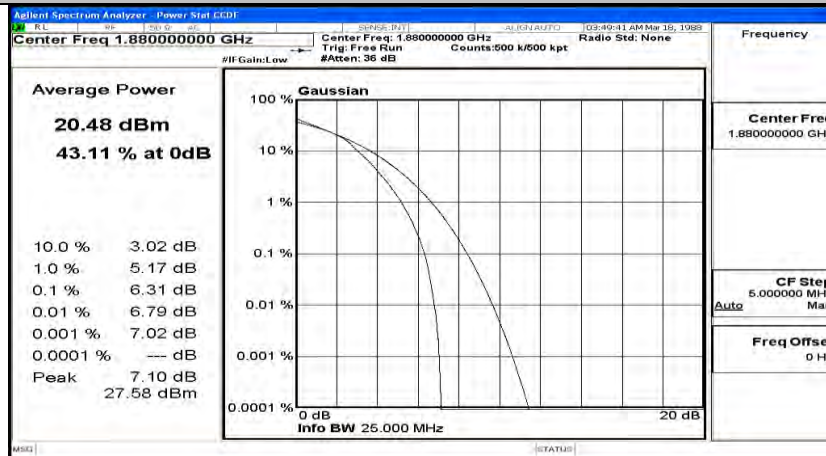
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



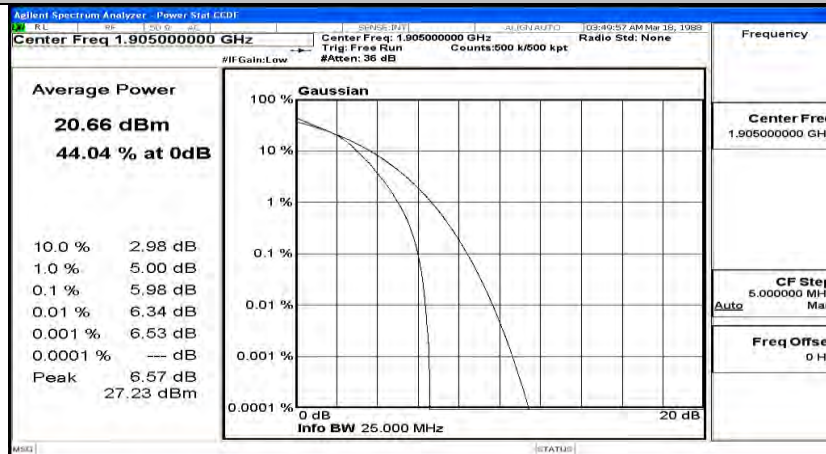
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



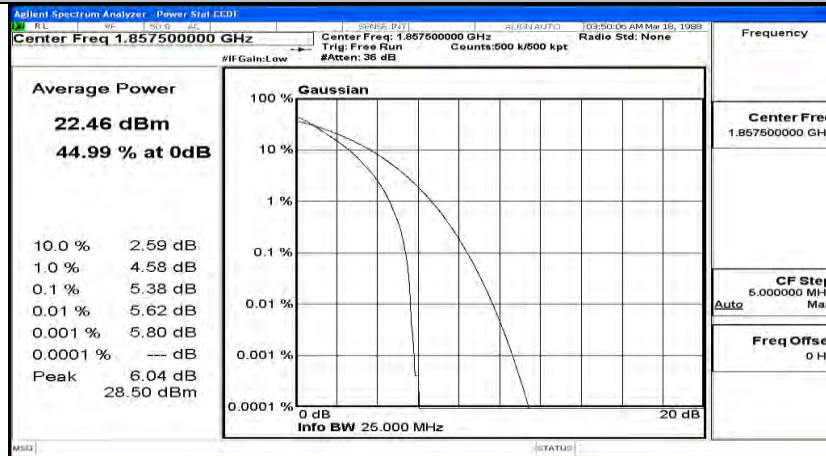
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



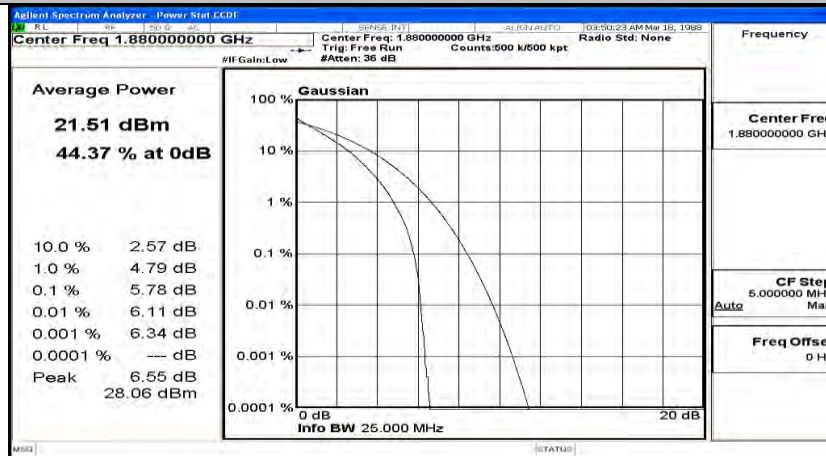
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



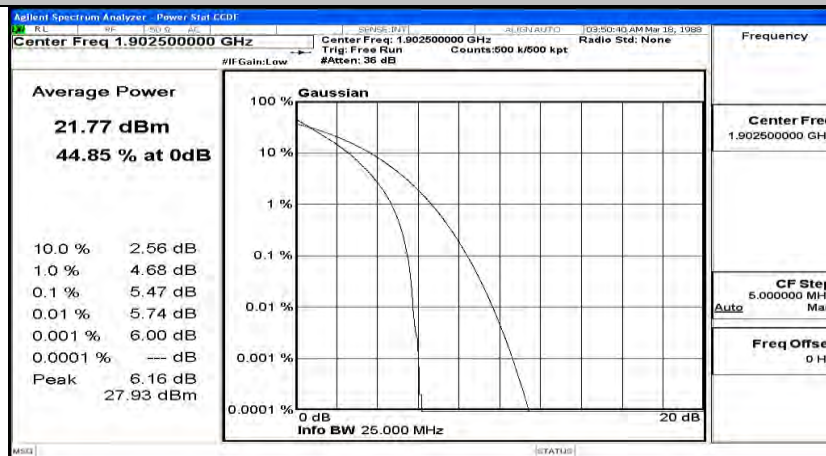
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



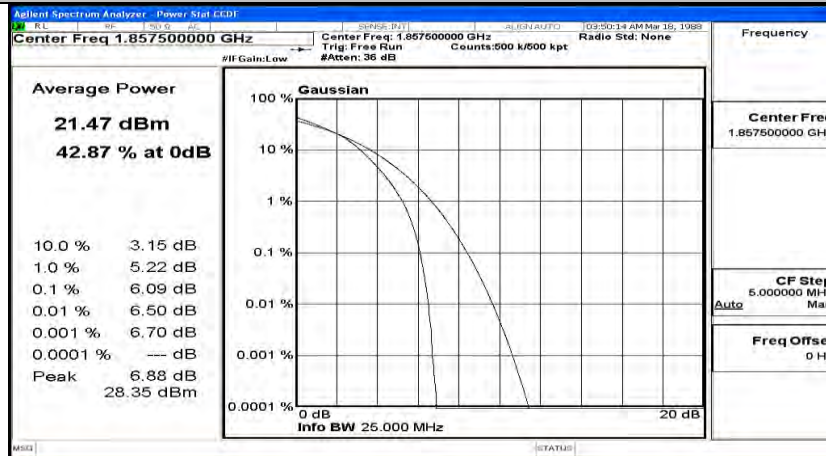
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



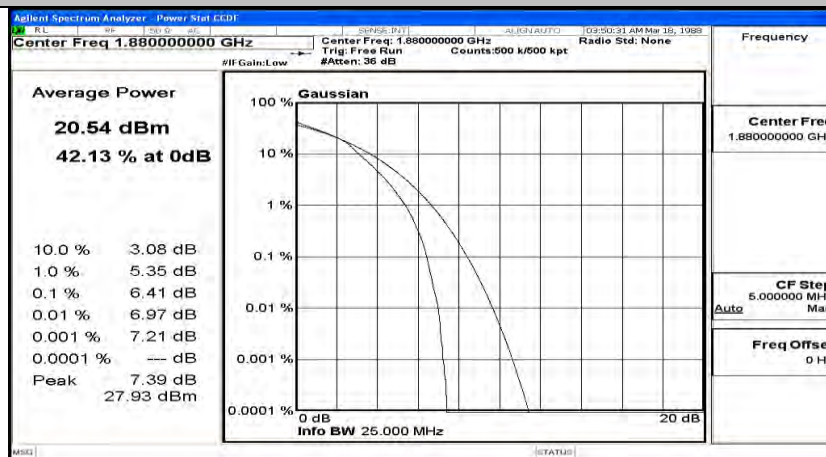
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



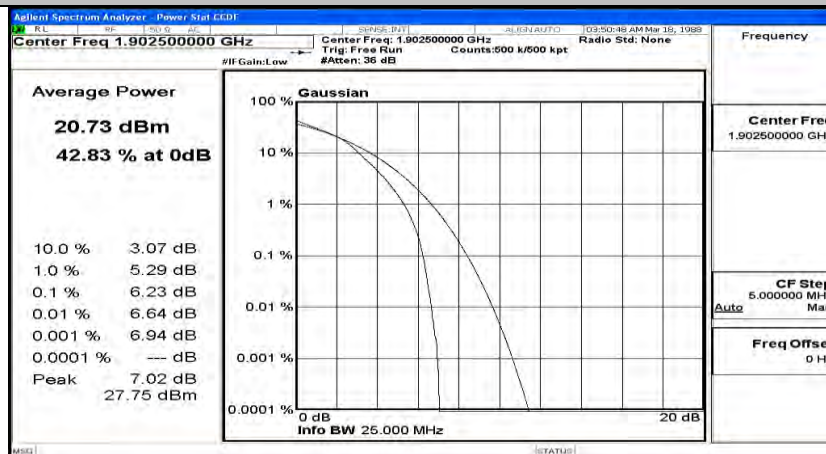
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



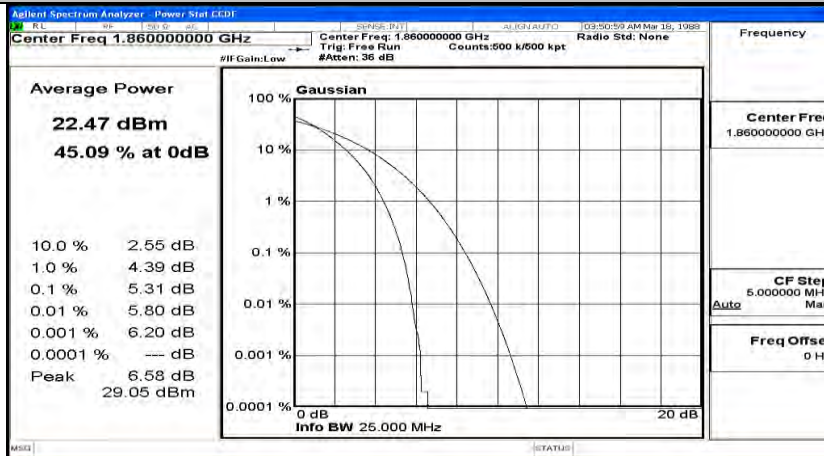
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



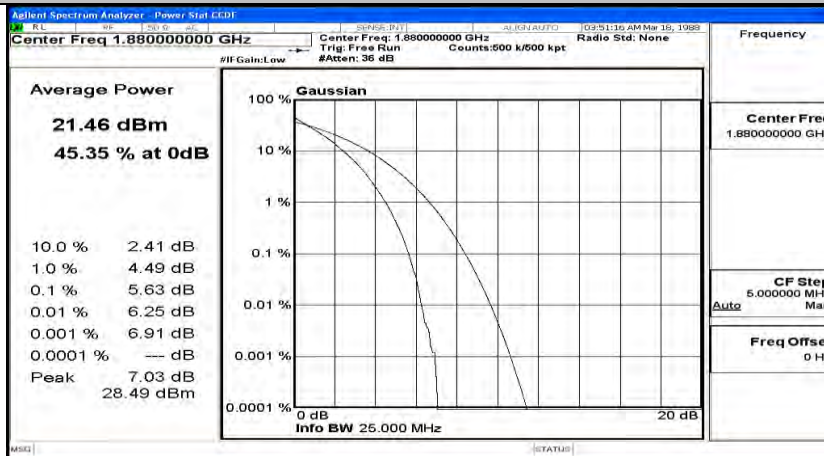
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



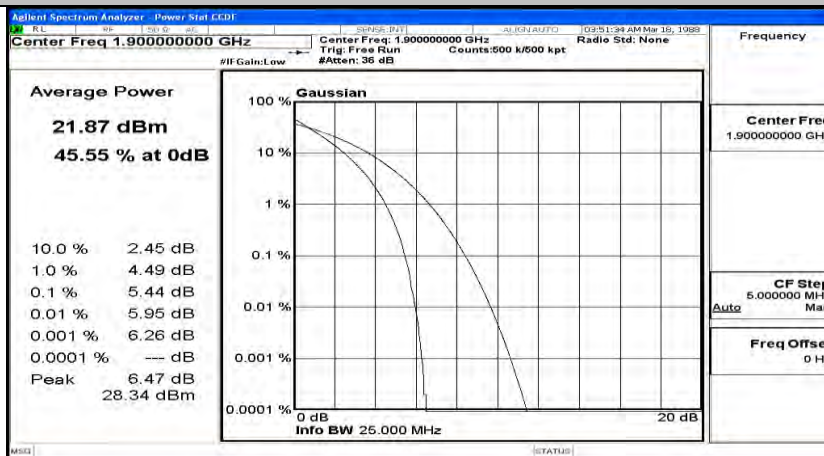
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



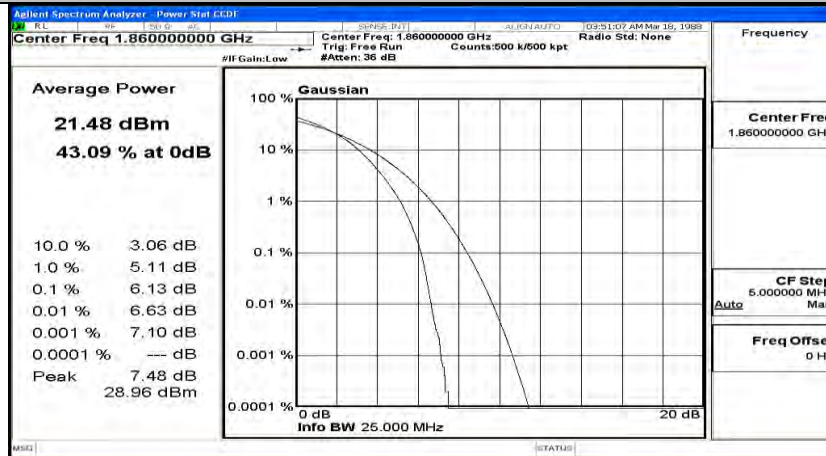
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



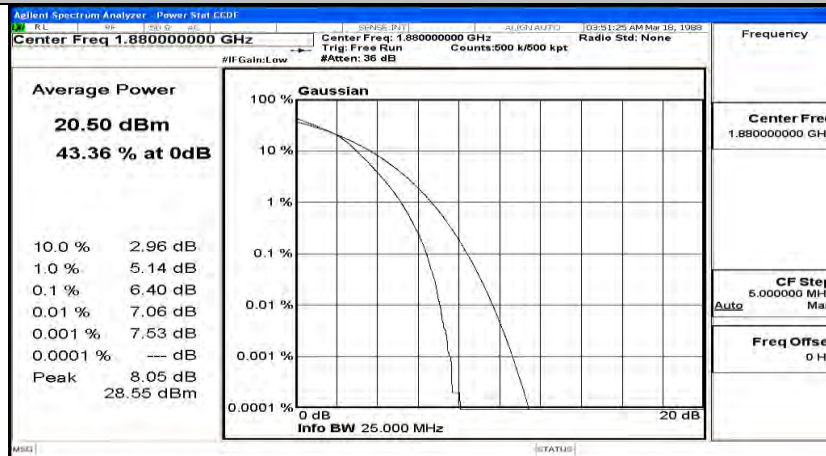
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



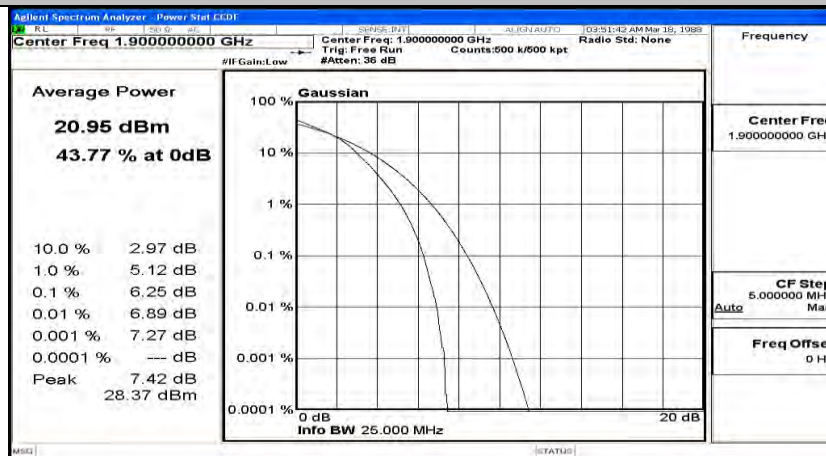
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



D.3 26dB Bandwidth and Occupied Bandwidth

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0768	1.214	PASS
	MCH	1.0824	1.237	PASS
	HCH	1.0776	1.216	PASS
16QAM	LCH	1.0767	1.248	PASS
	MCH	1.0761	1.244	PASS
	HCH	1.0794	1.192	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6749	2.839	PASS
	MCH	2.6861	2.824	PASS
	HCH	2.6863	2.820	PASS
16QAM	LCH	2.6778	2.818	PASS
	MCH	2.6782	2.828	PASS
	HCH	2.6797	2.822	PASS

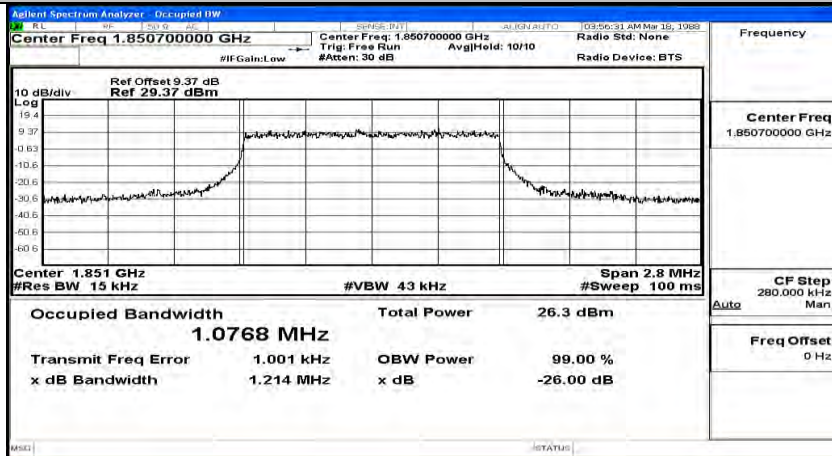
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4732	4.732	PASS
	MCH	4.4714	4.703	PASS
	HCH	4.4667	4.731	PASS
16QAM	LCH	4.4678	4.730	PASS
	MCH	4.4716	4.807	PASS
	HCH	4.4787	4.721	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9303	9.403	PASS
	MCH	8.9388	9.393	PASS
	HCH	8.9411	9.366	PASS
16QAM	LCH	8.9211	9.369	PASS
	MCH	8.9330	9.427	PASS
	HCH	8.9406	9.350	PASS

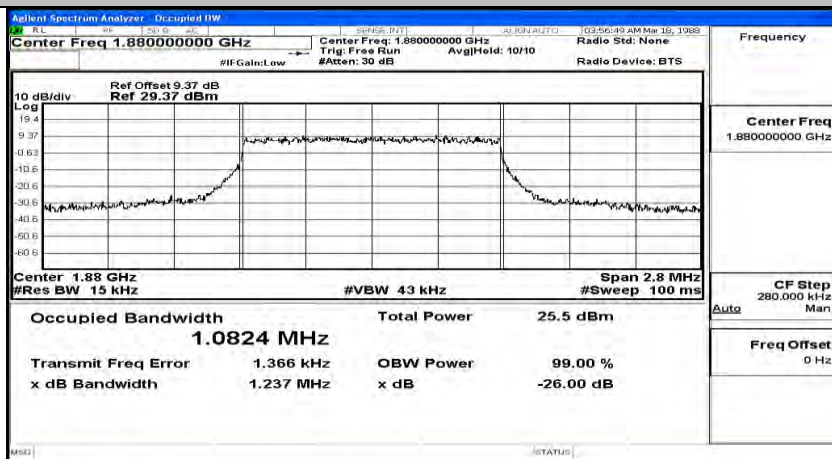
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.369	14.03	PASS
	MCH	13.399	14.01	PASS
	HCH	13.426	13.97	PASS
16QAM	LCH	13.371	13.92	PASS
	MCH	13.395	14.02	PASS
	HCH	13.405	13.99	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.845	18.51	PASS
	MCH	17.850	18.60	PASS
	HCH	17.883	18.55	PASS
16QAM	LCH	17.837	18.54	PASS
	MCH	17.866	18.56	PASS
	HCH	17.871	18.61	PASS

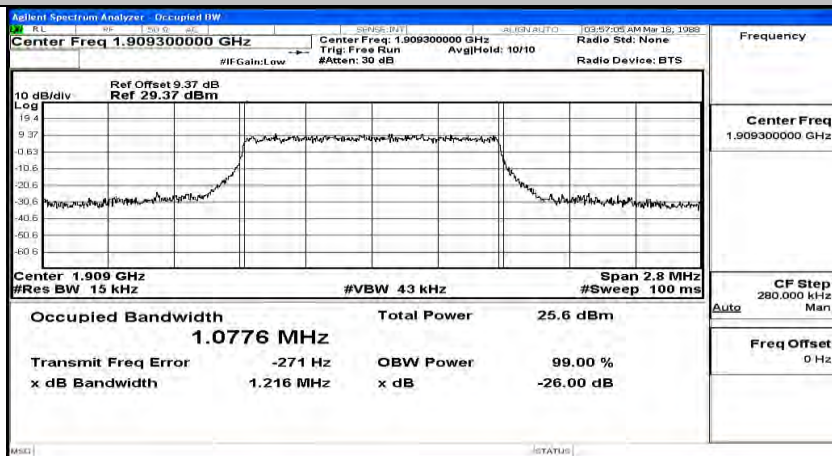
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



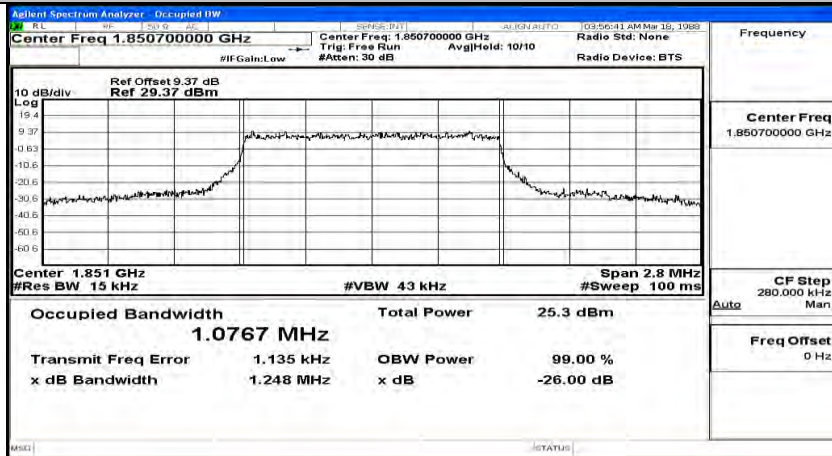
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



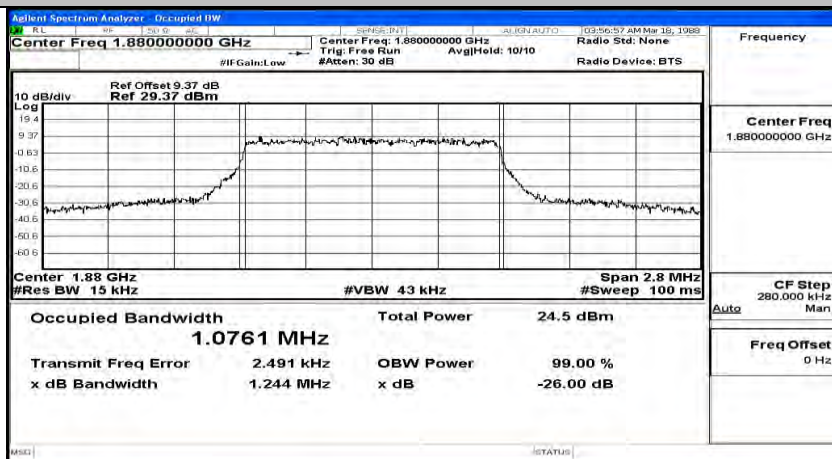
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



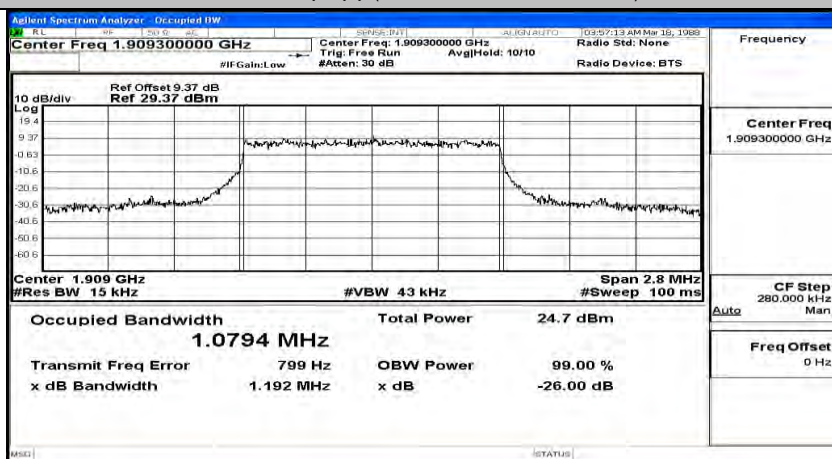
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



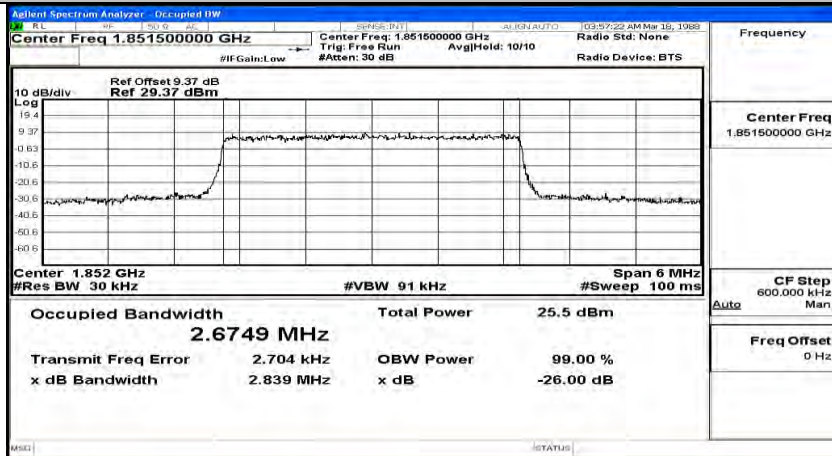
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



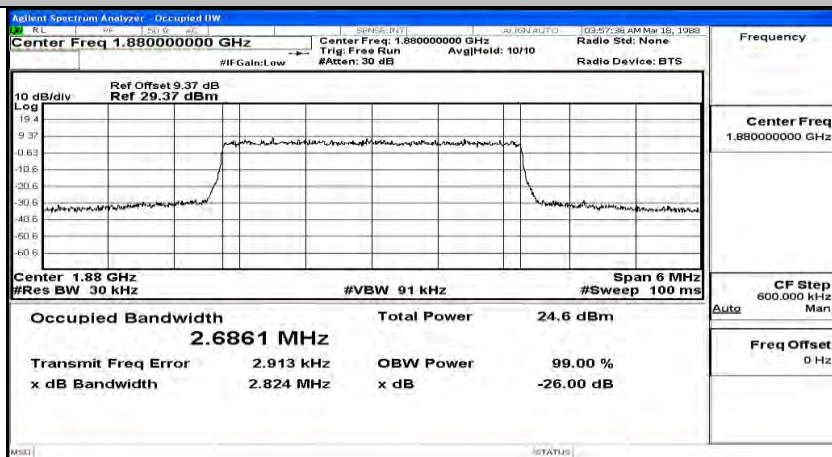
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



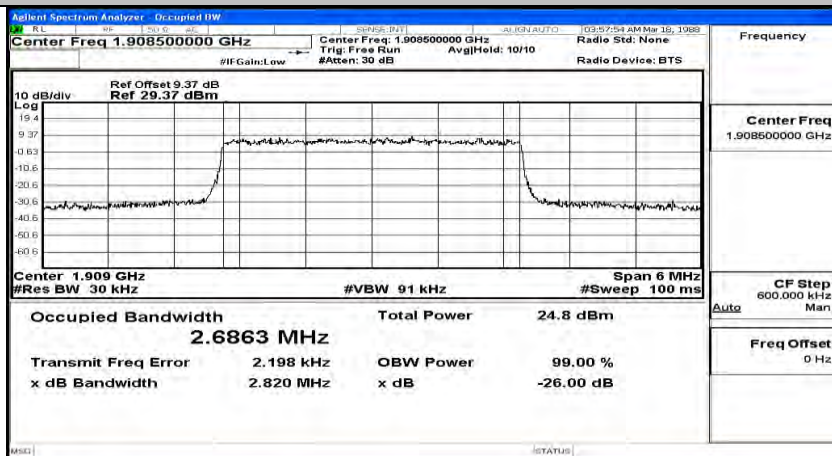
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



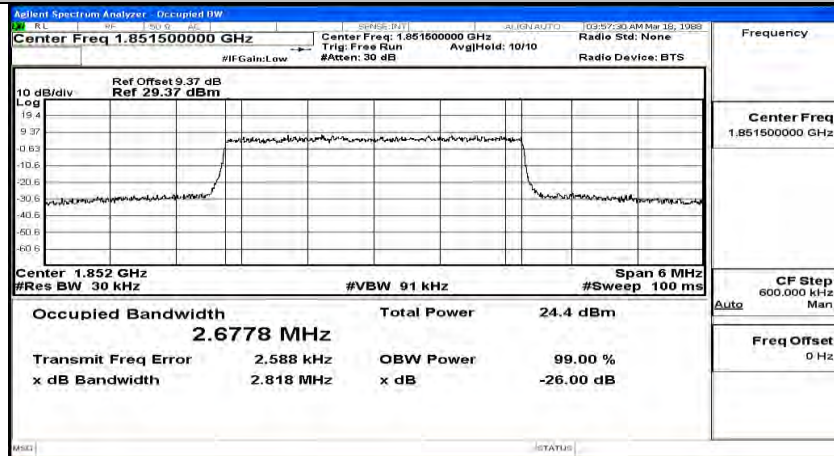
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



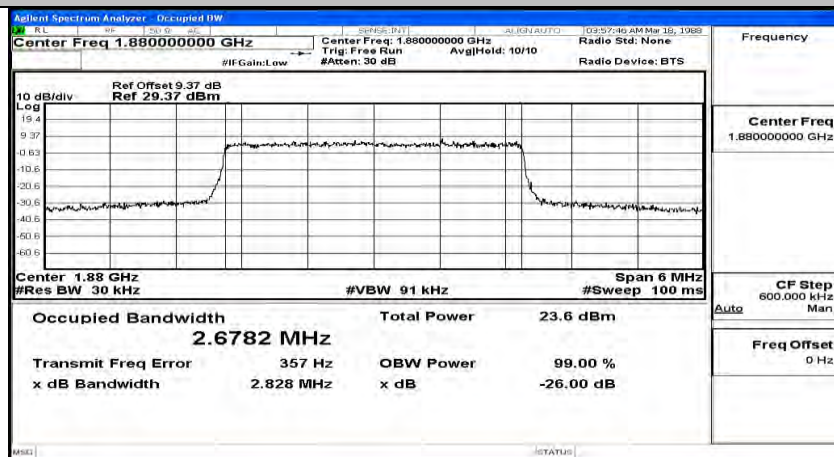
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



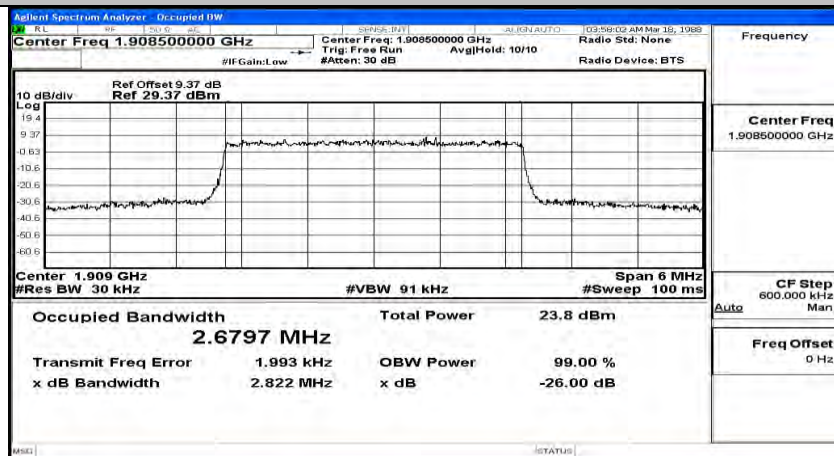
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



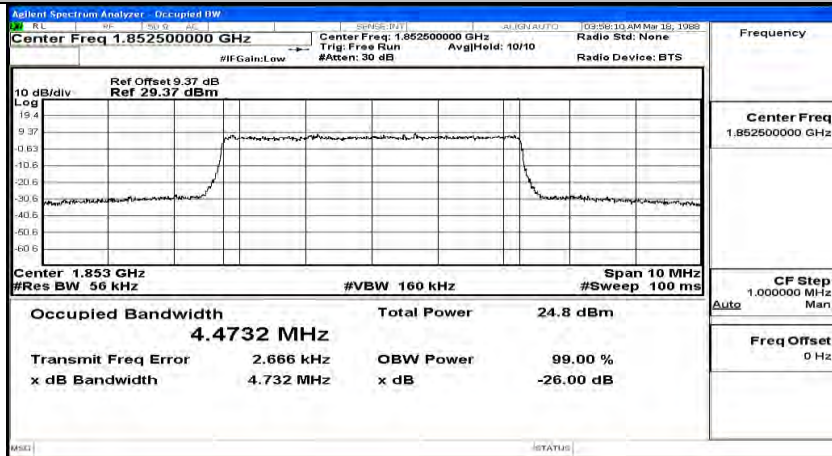
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



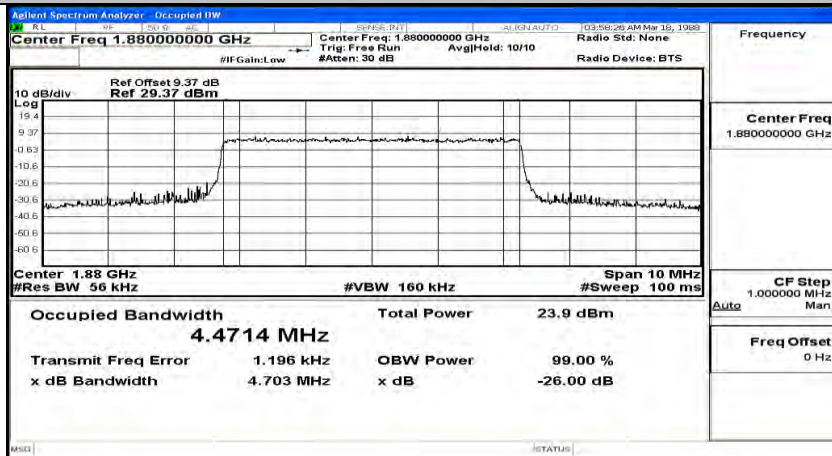
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



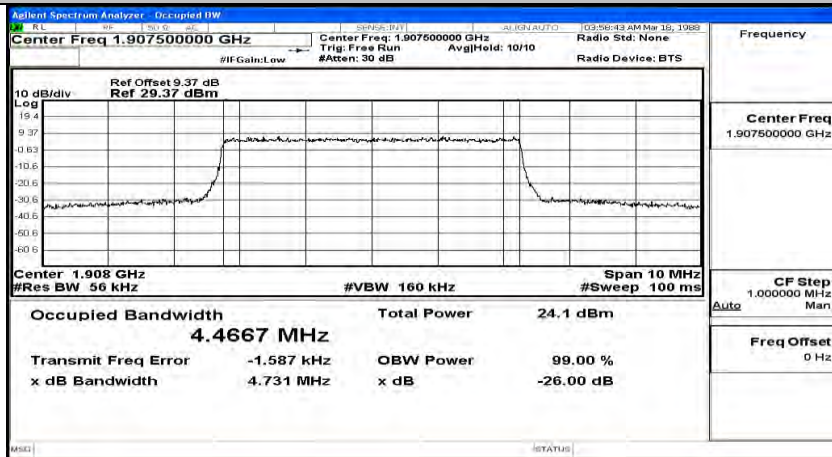
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



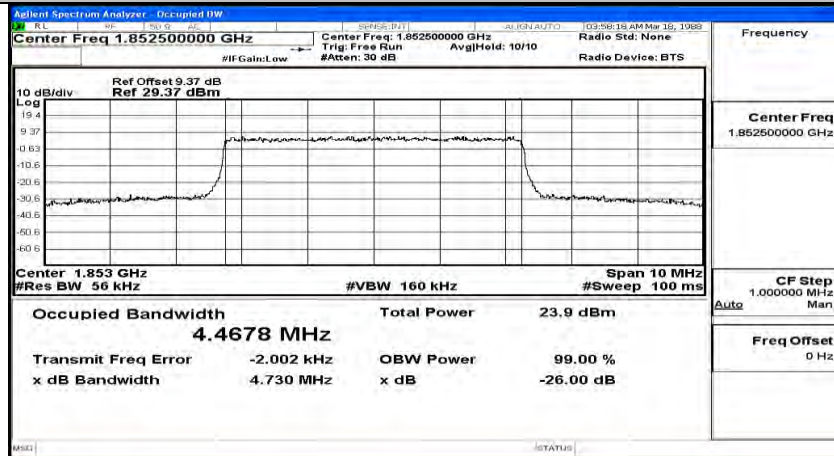
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



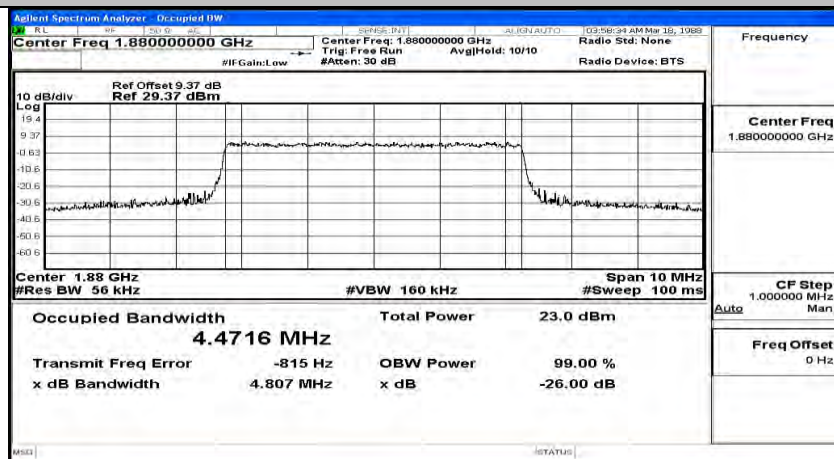
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



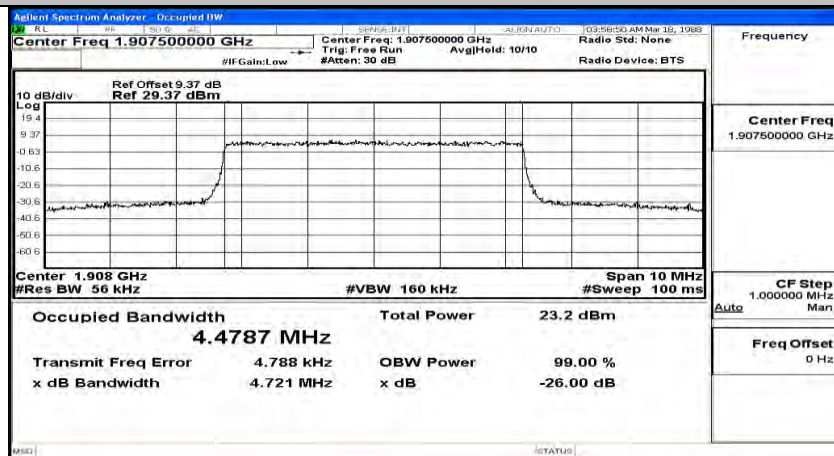
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



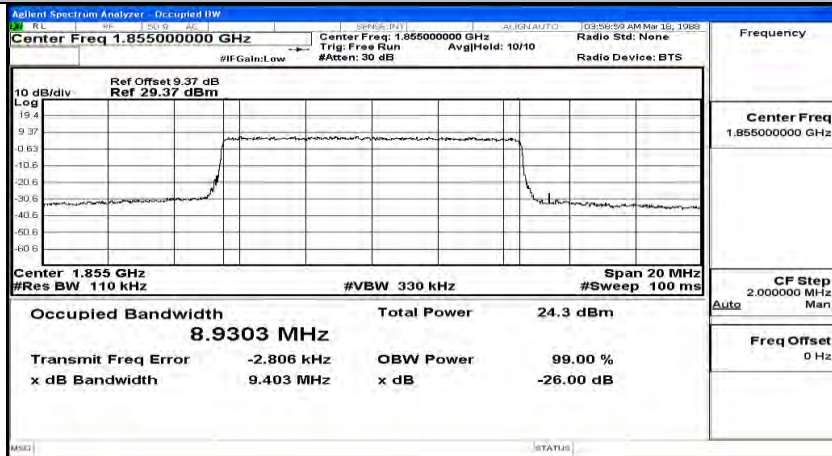
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



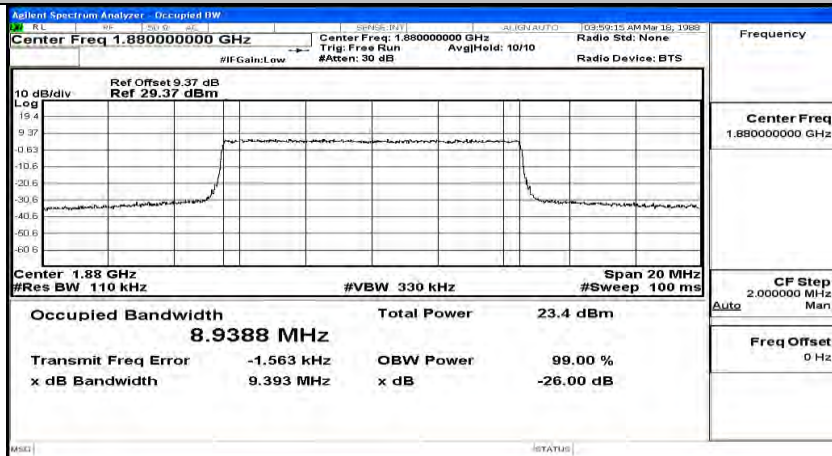
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



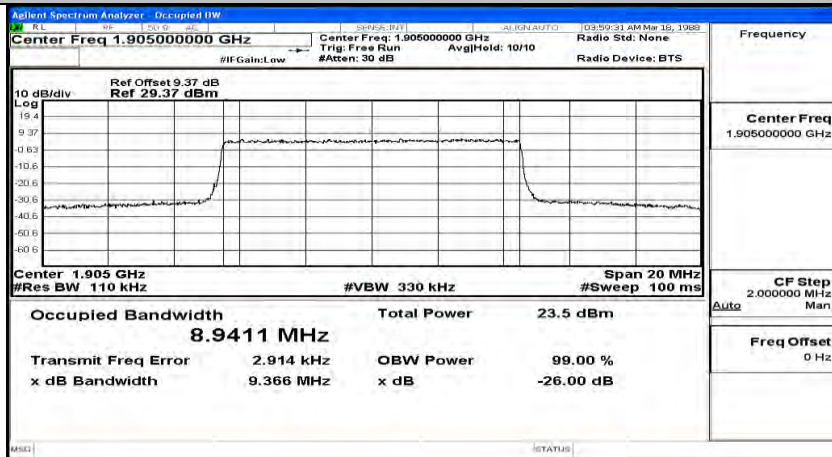
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



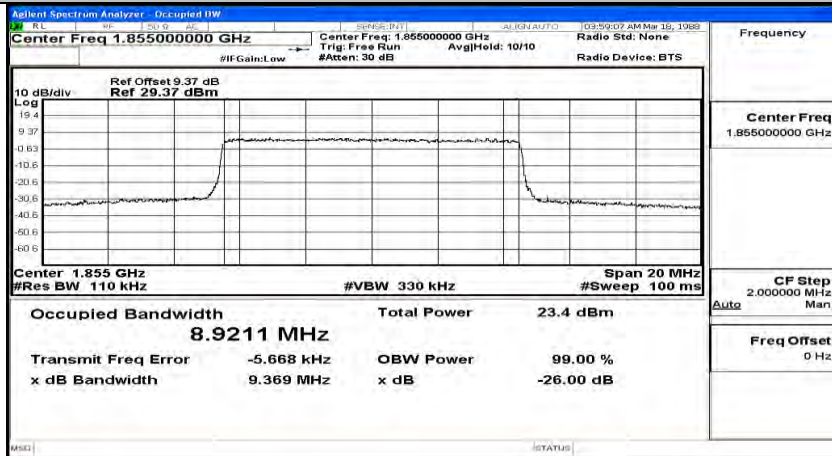
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



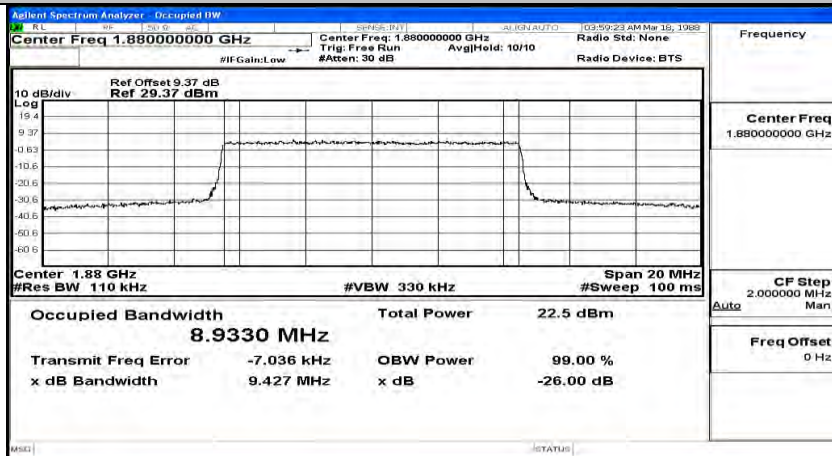
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



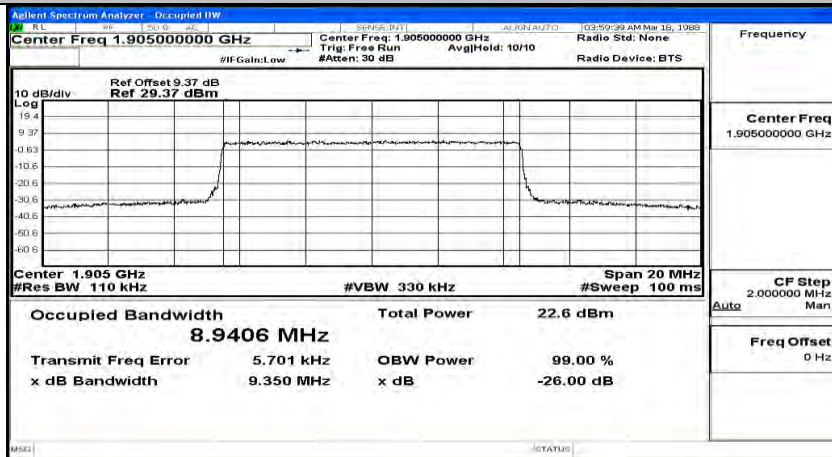
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



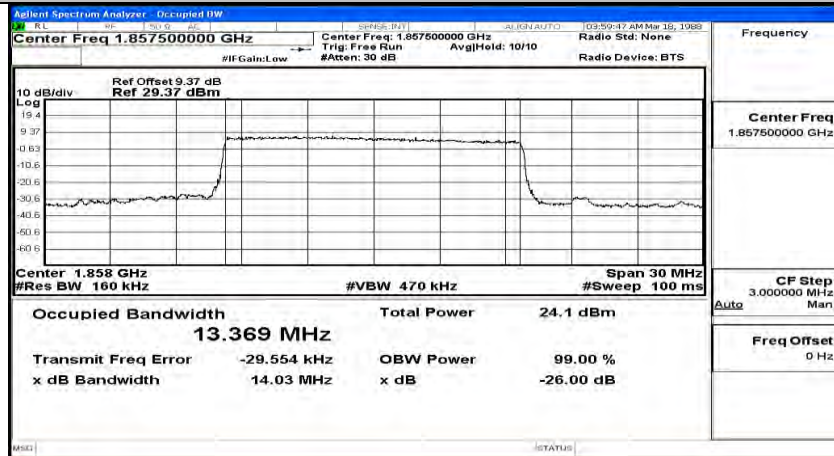
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



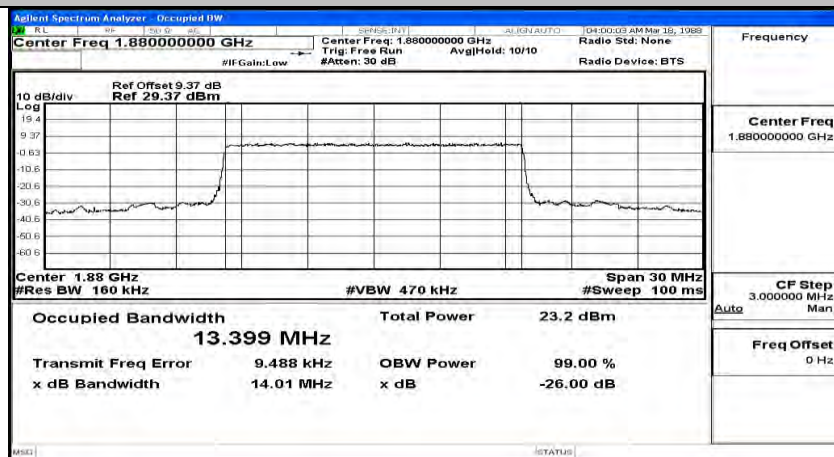
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



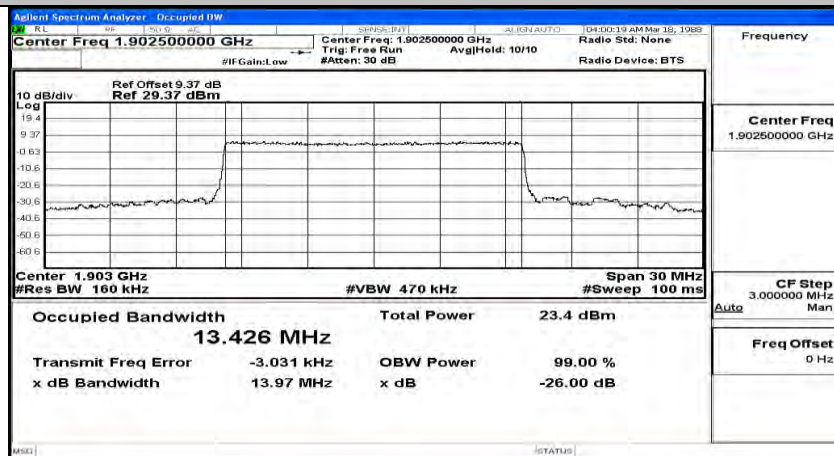
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



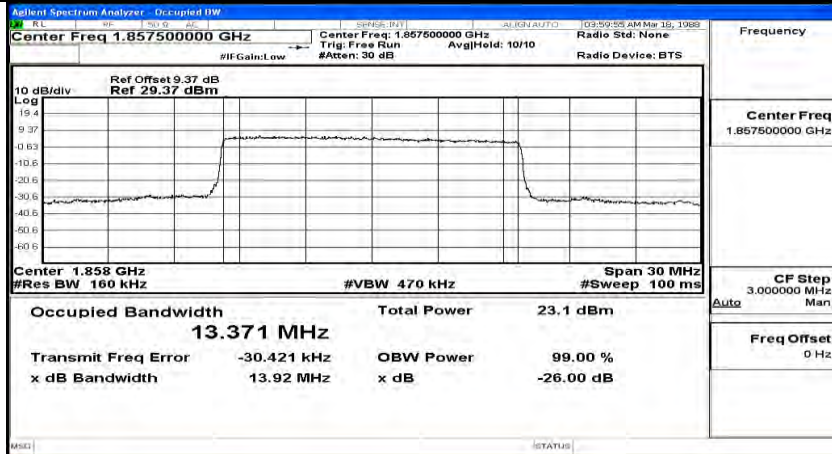
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



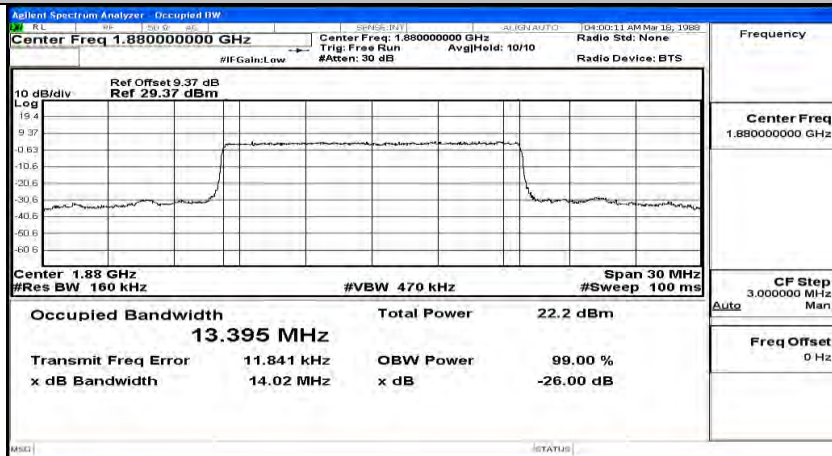
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



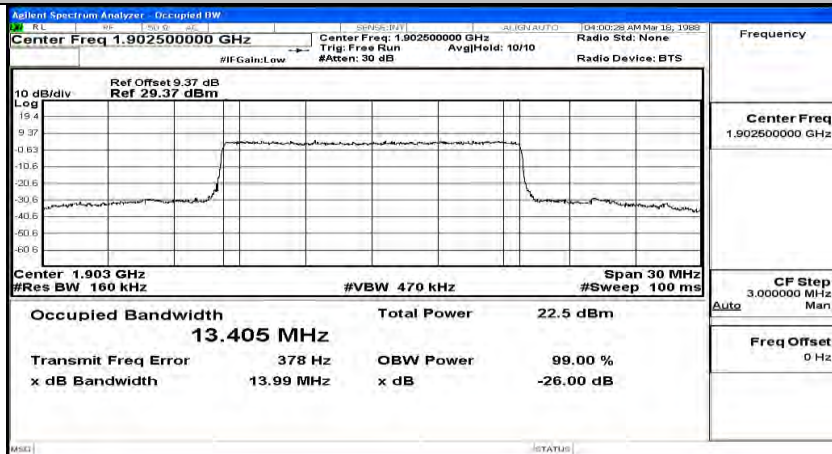
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



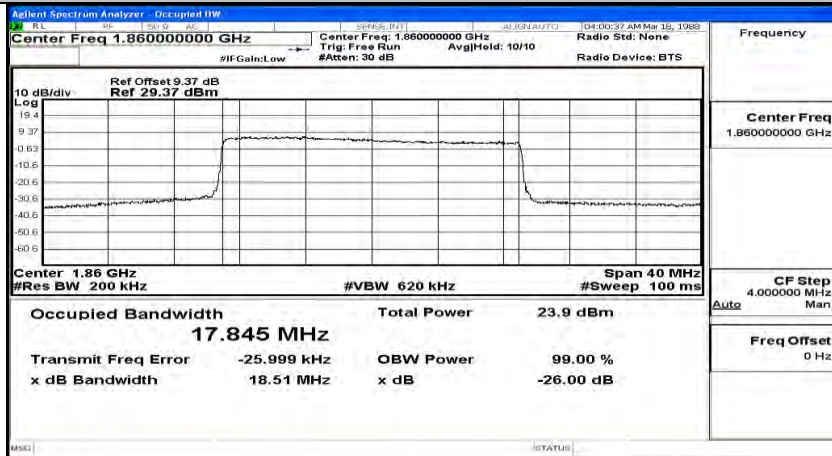
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



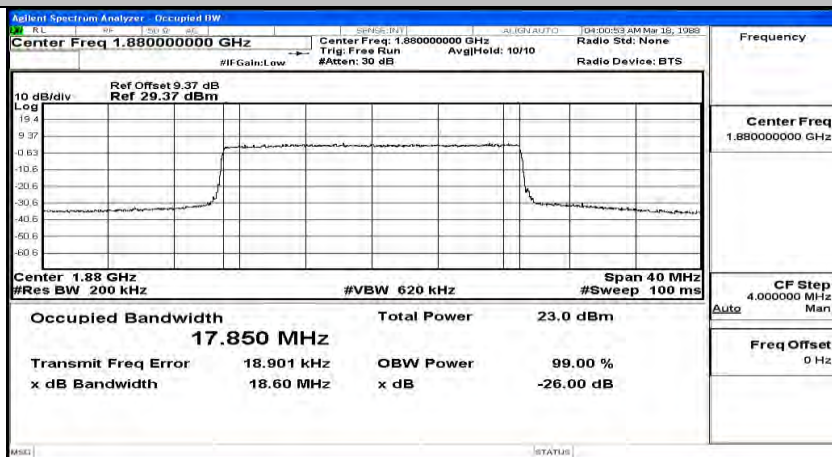
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



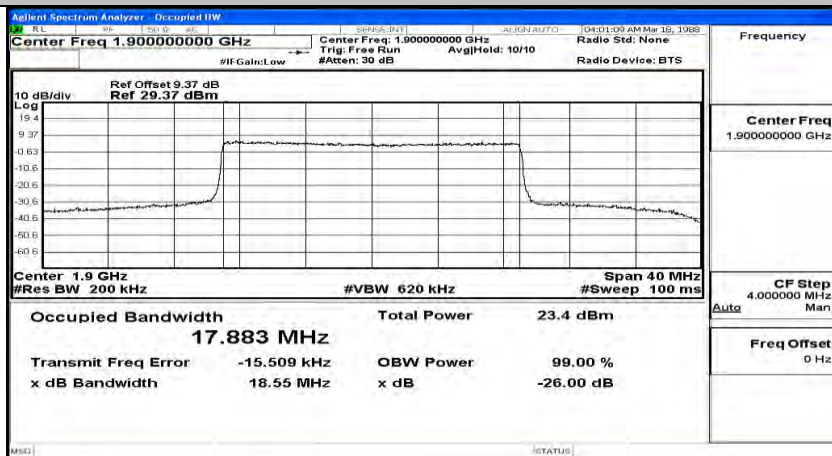
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



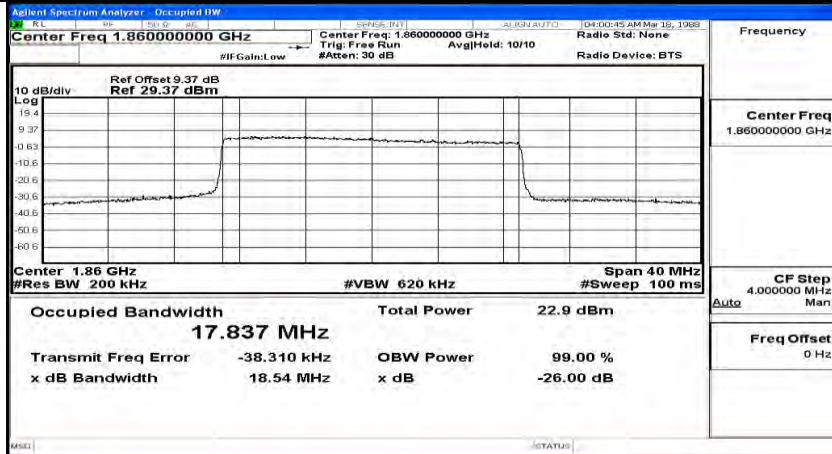
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



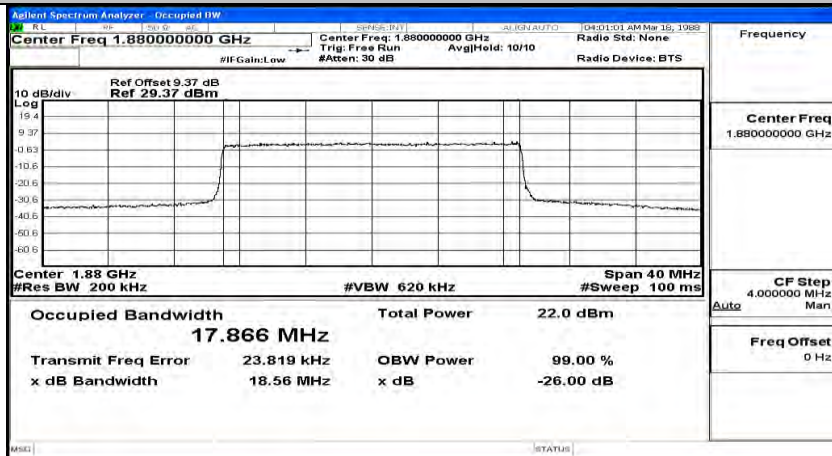
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



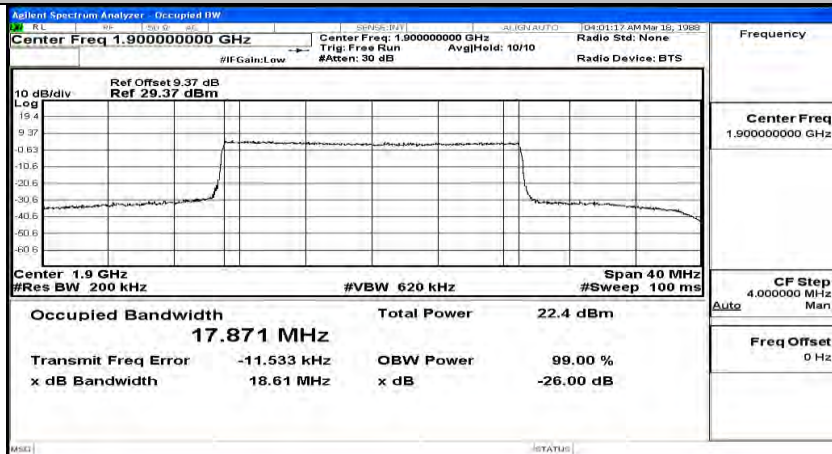
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

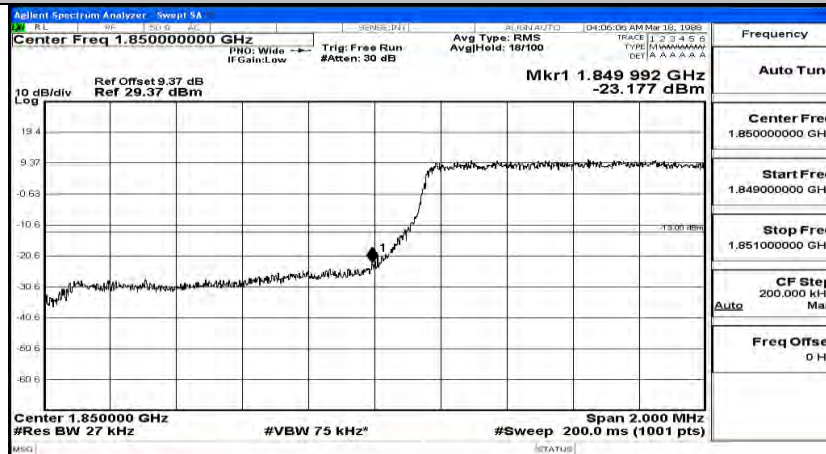


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

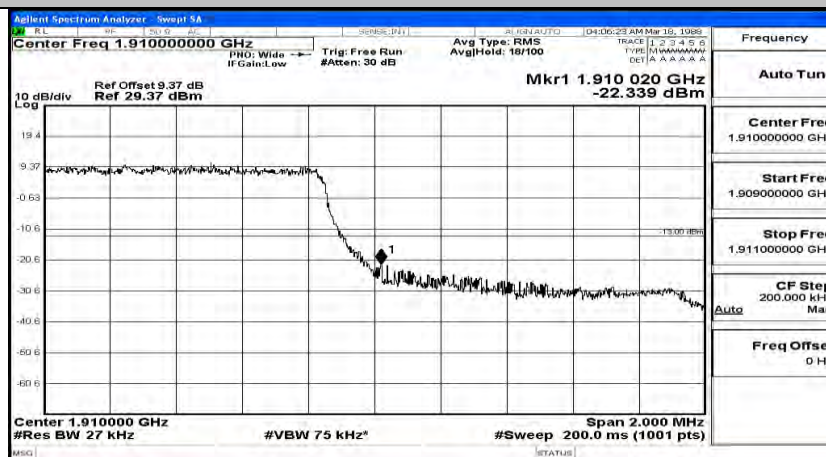


D.4 Band Edge

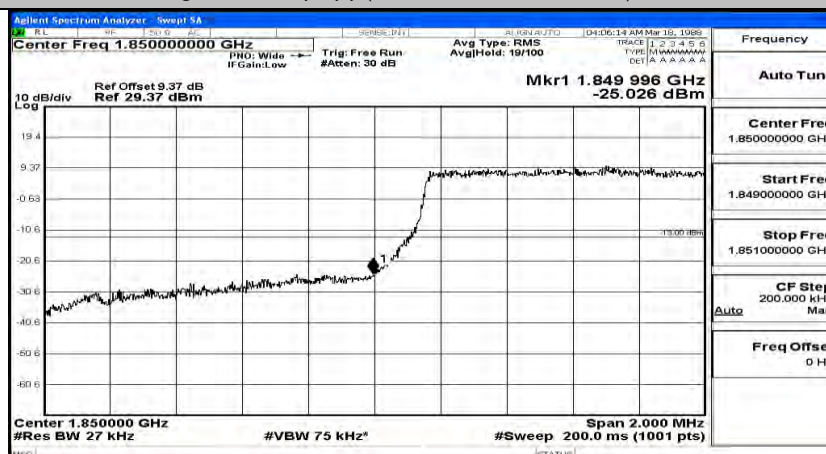
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



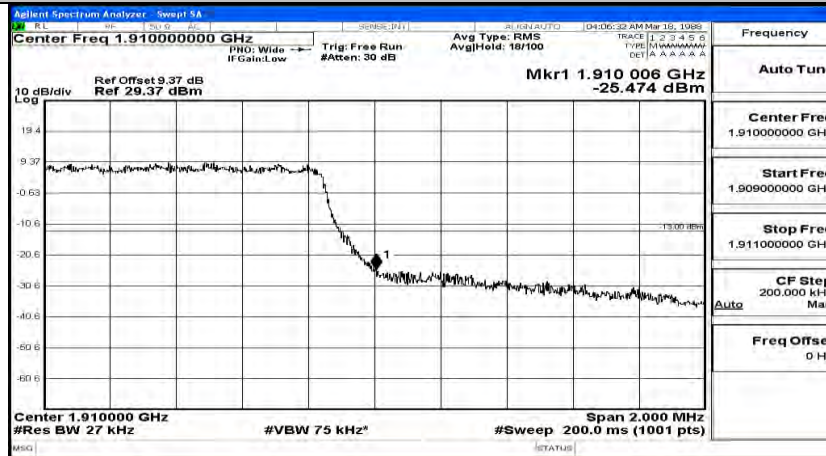
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



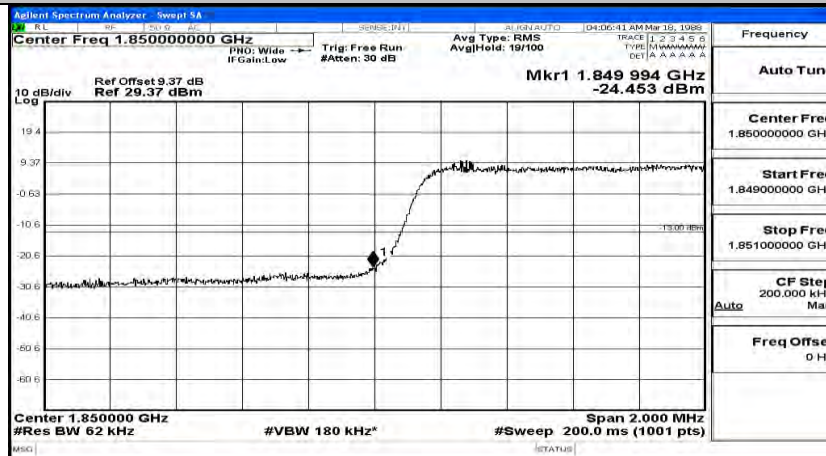
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



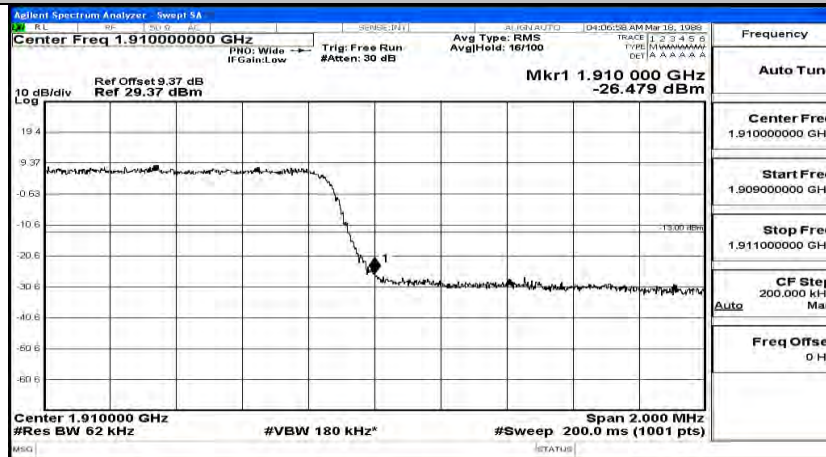
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



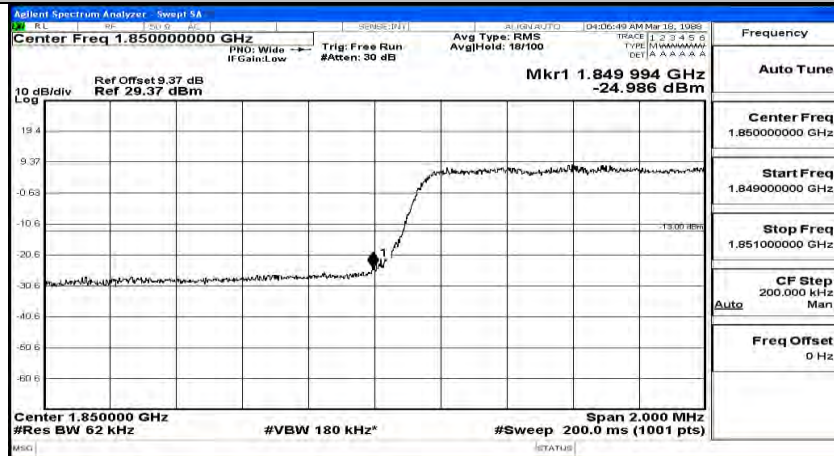
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



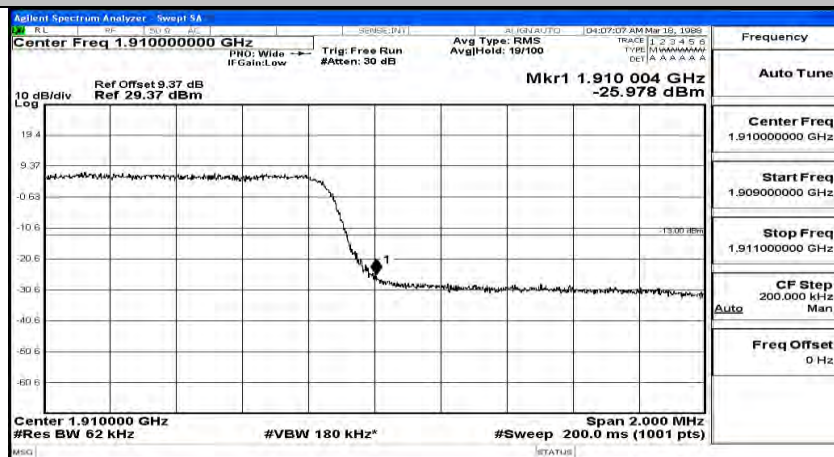
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



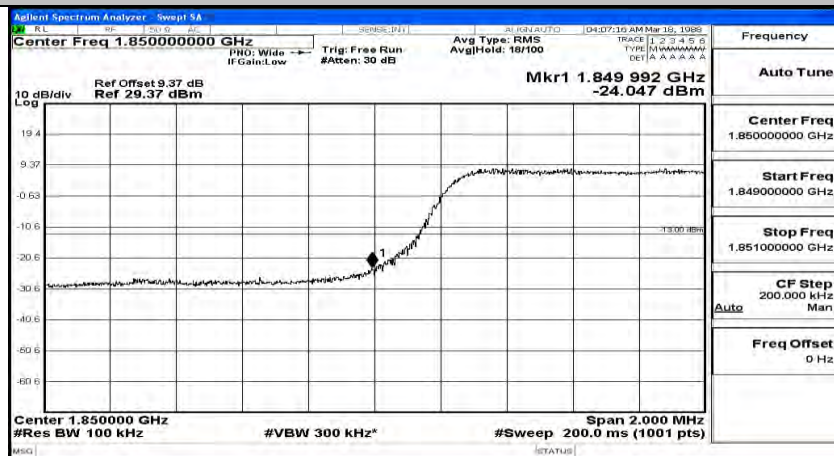
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



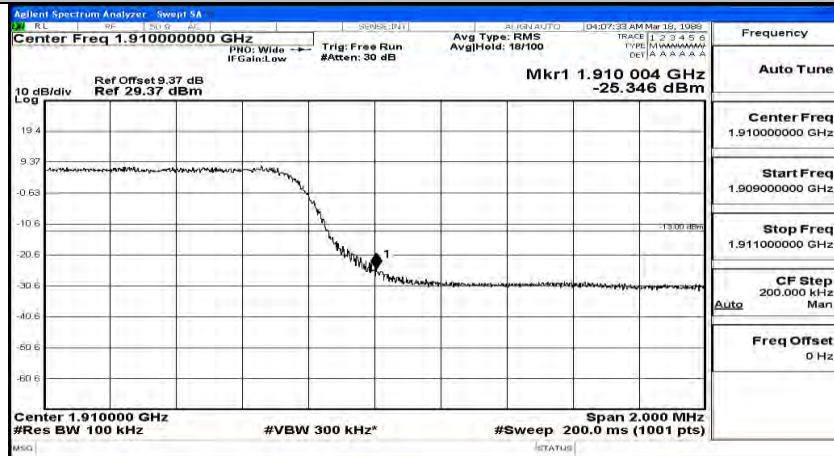
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



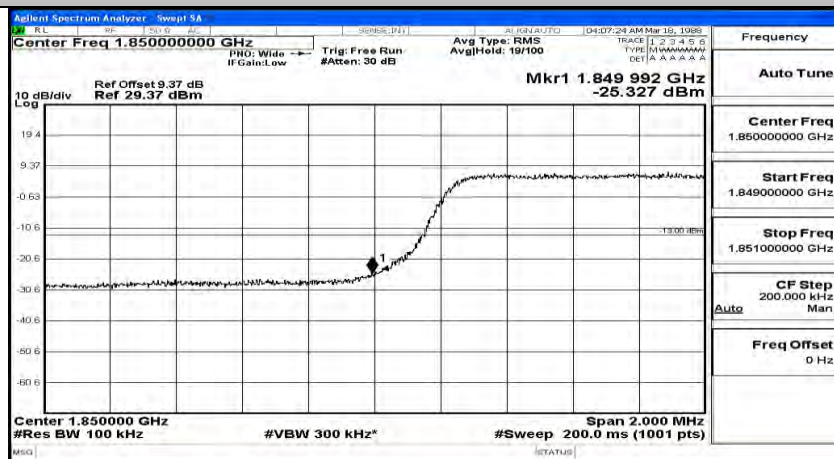
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



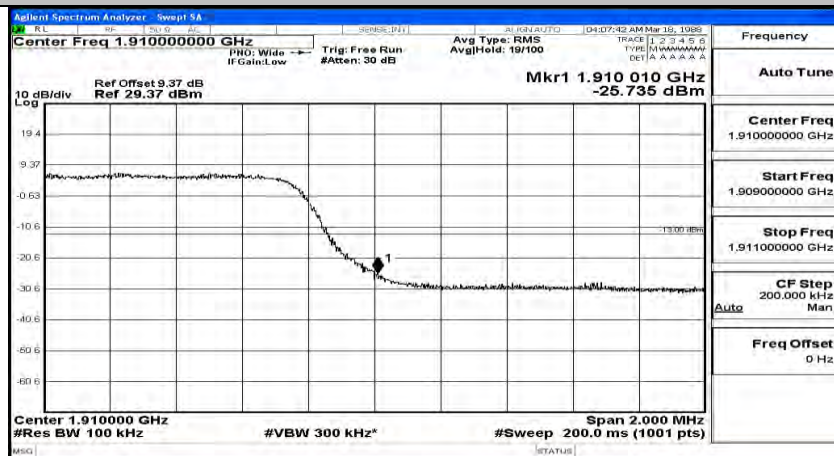
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



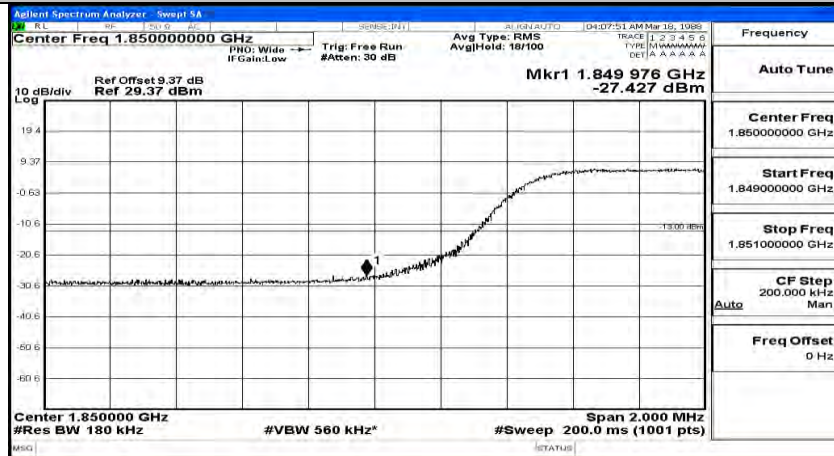
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



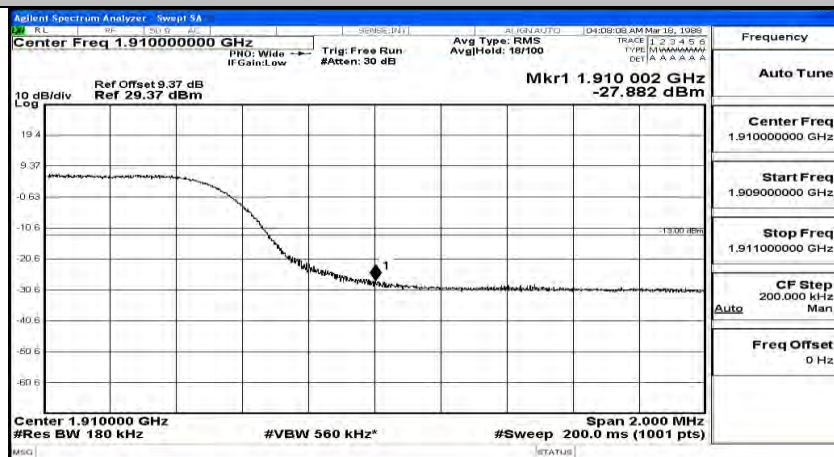
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



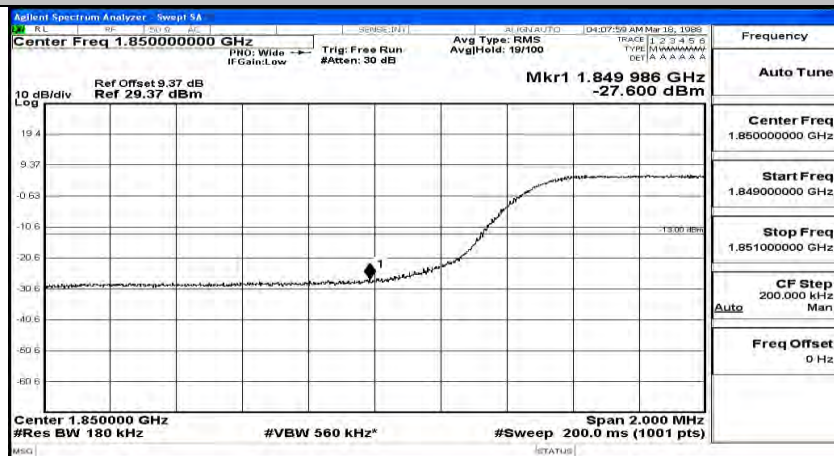
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



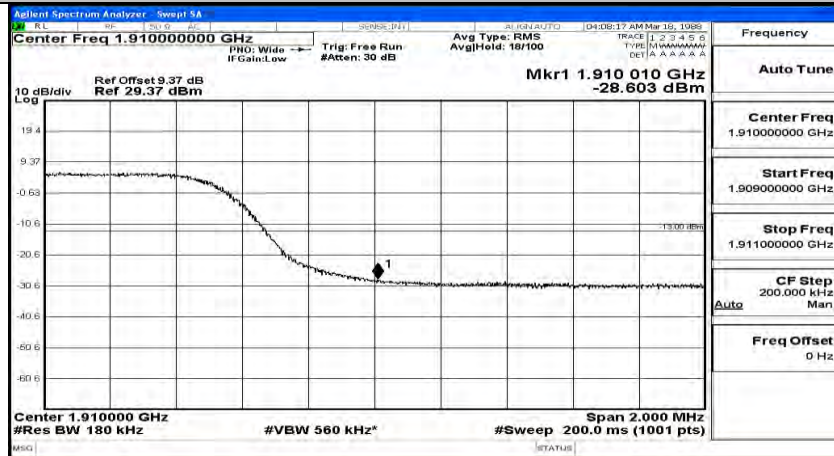
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



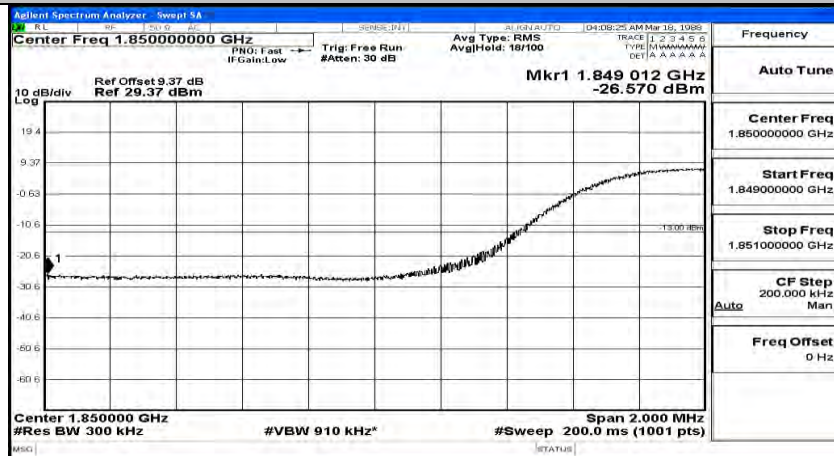
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



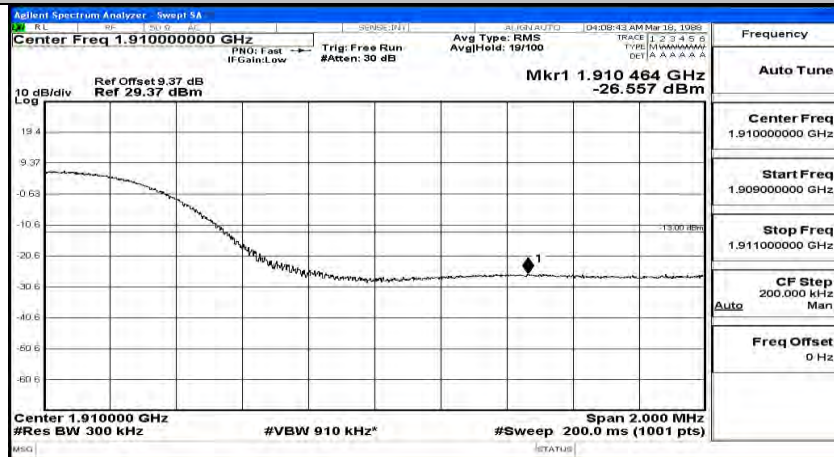
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



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



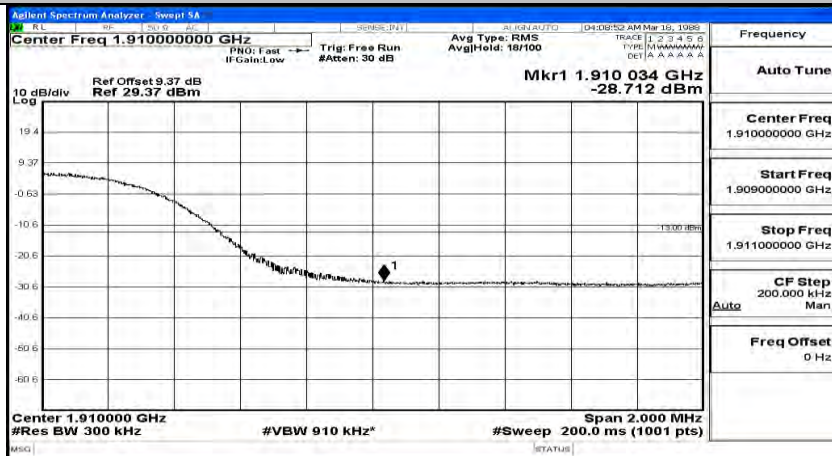
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



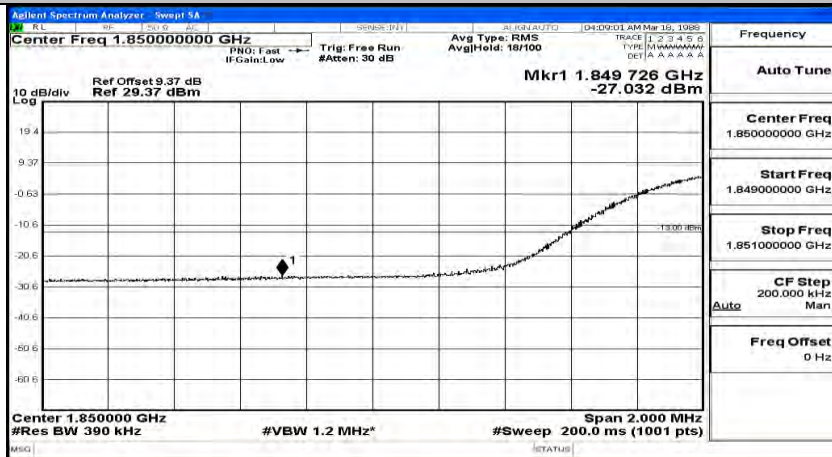
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



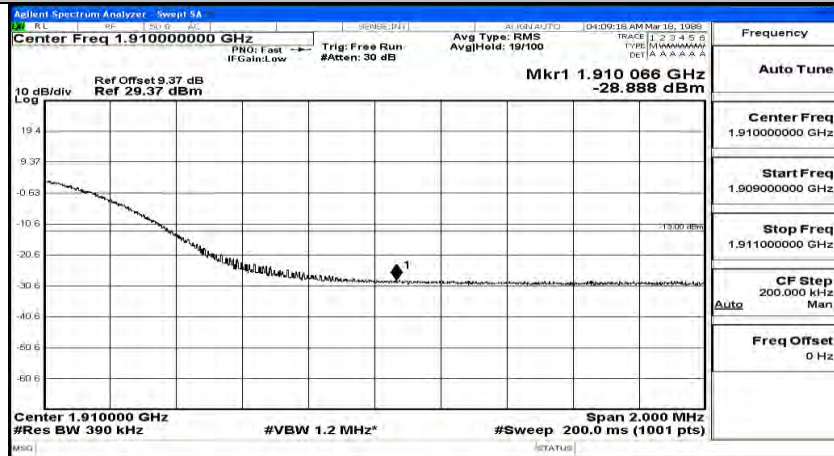
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



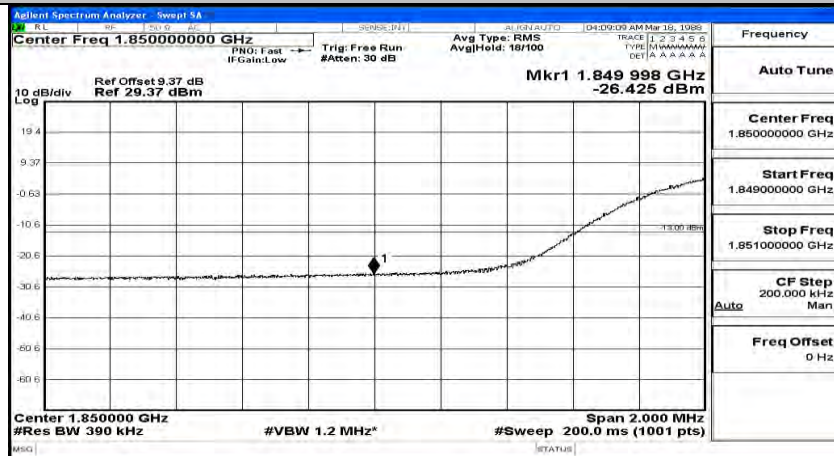
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



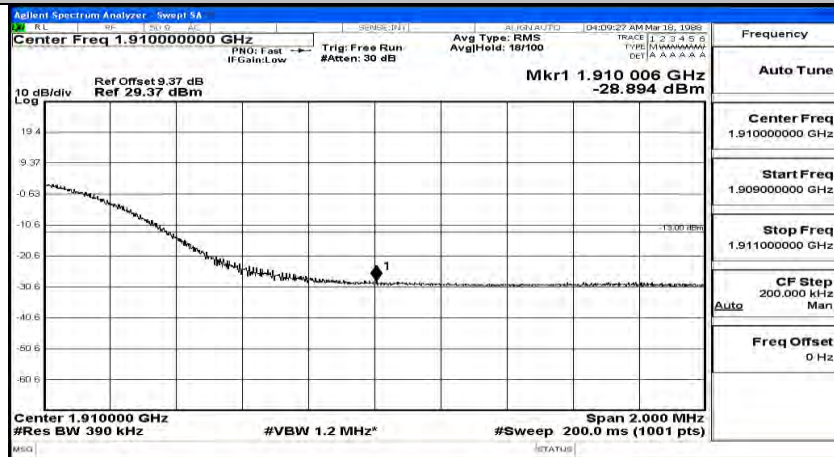
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



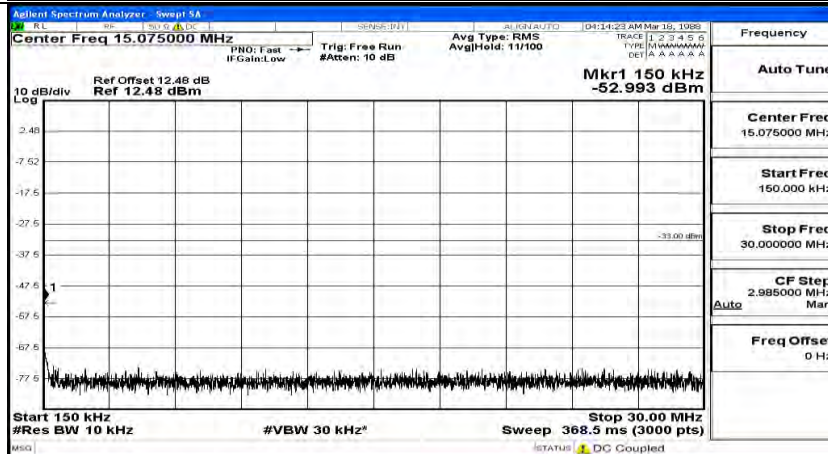
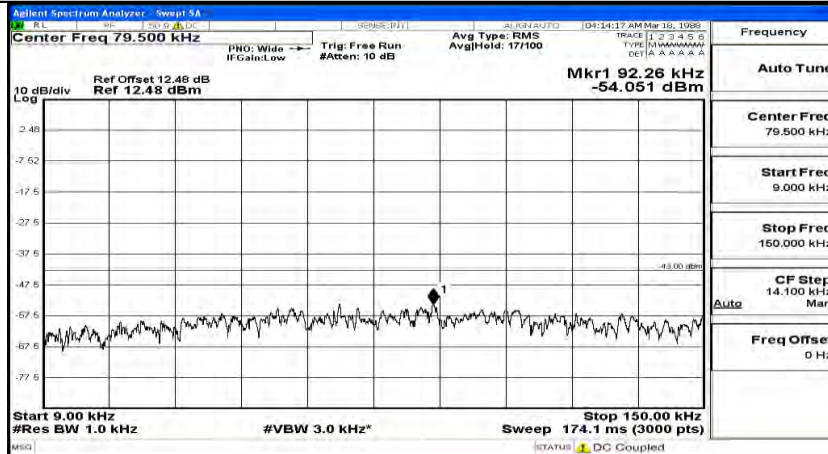
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



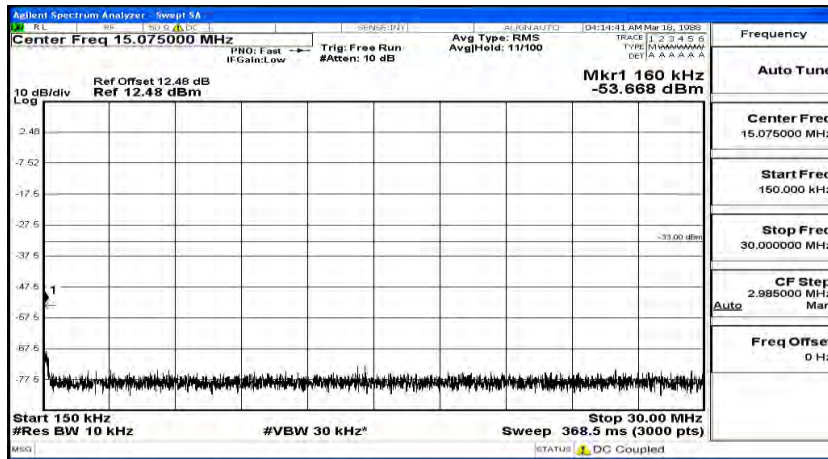
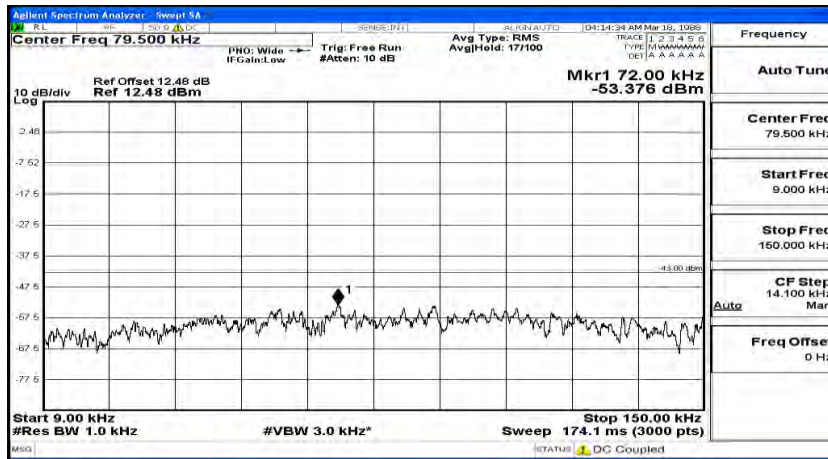
D.5 Conducted Spurious Emission

Channel Bandwidth: 1.4 MHz

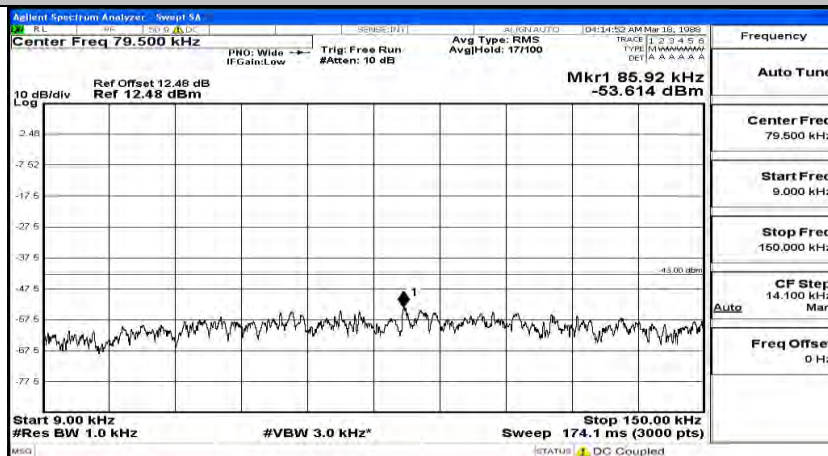
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

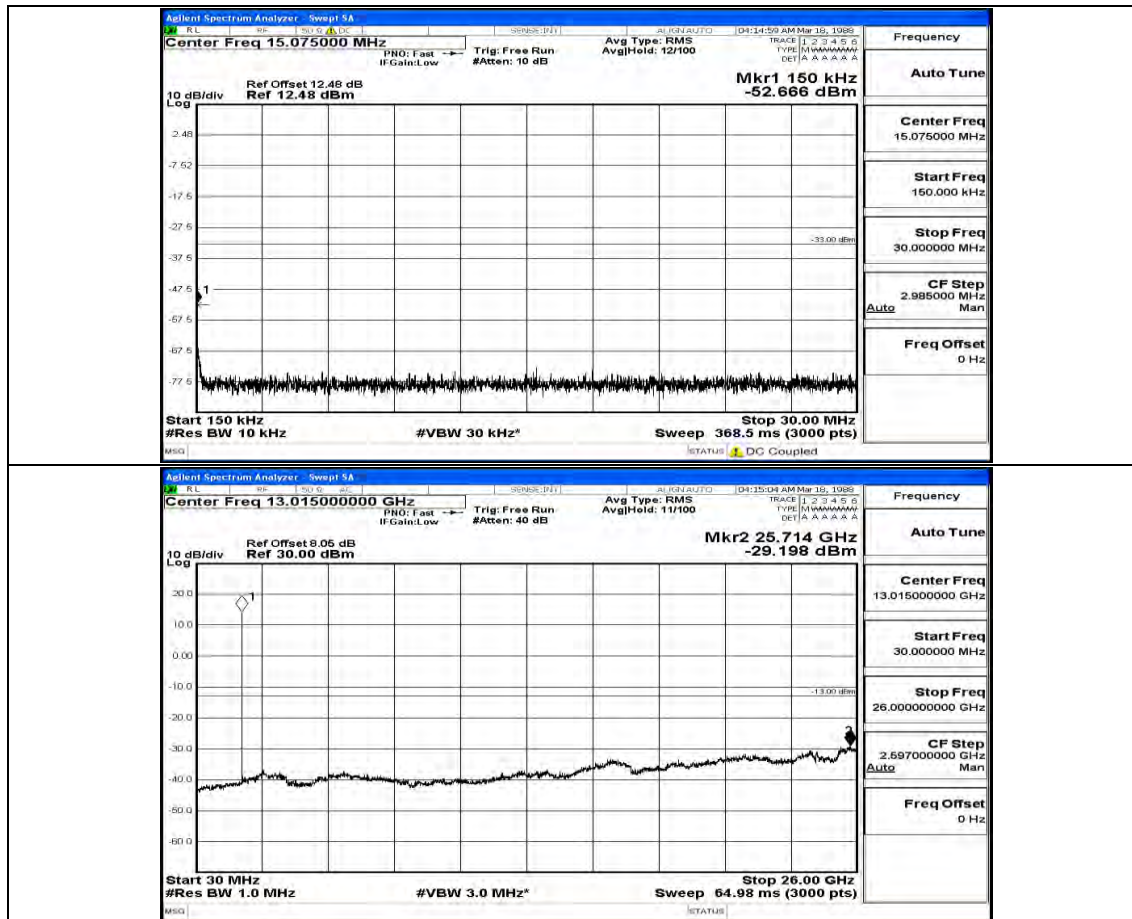


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

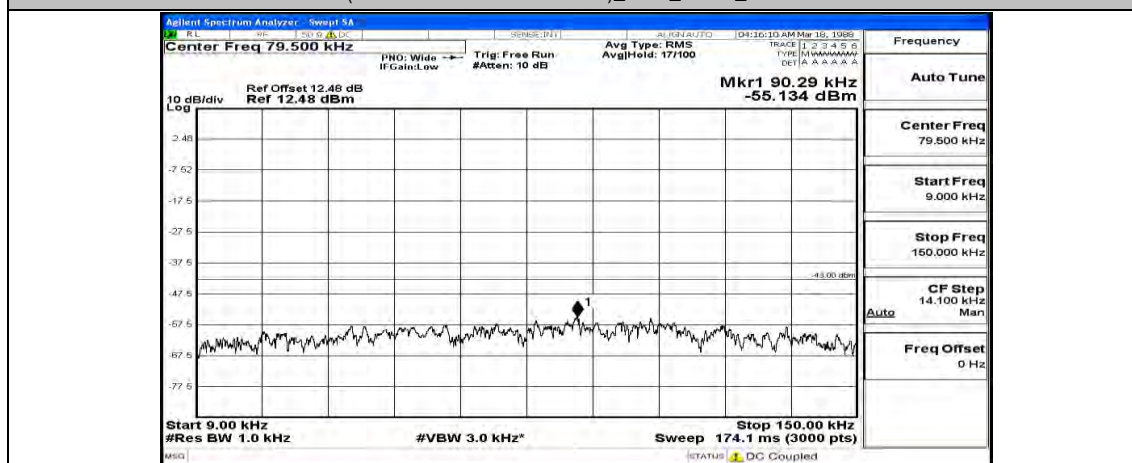


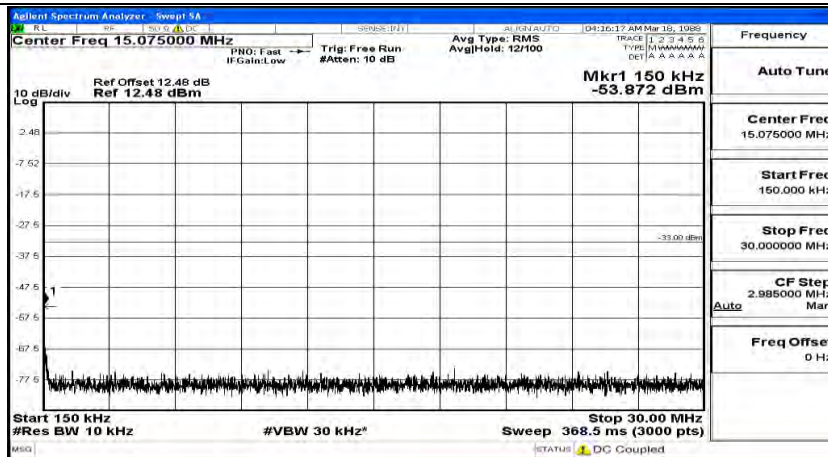
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



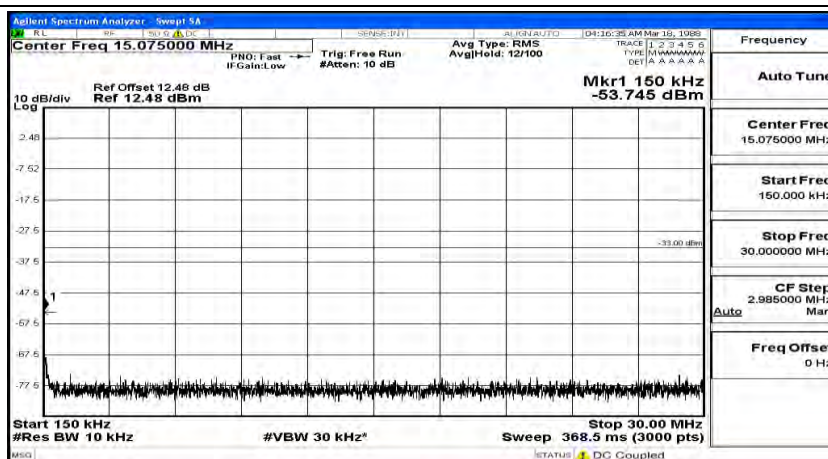
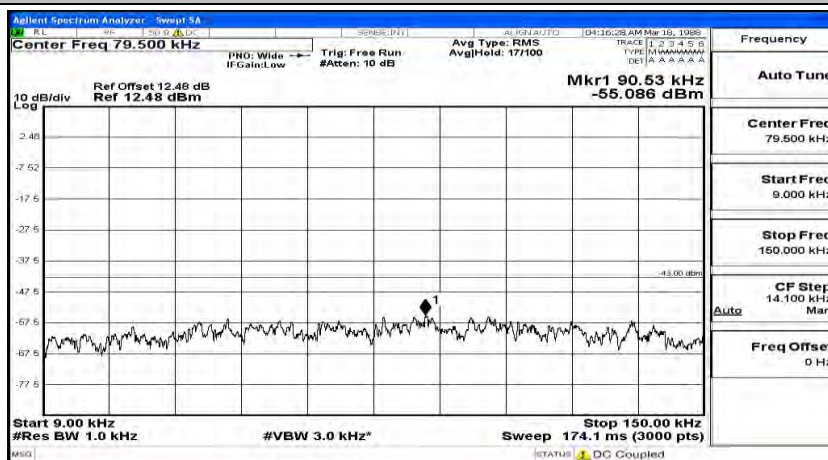


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



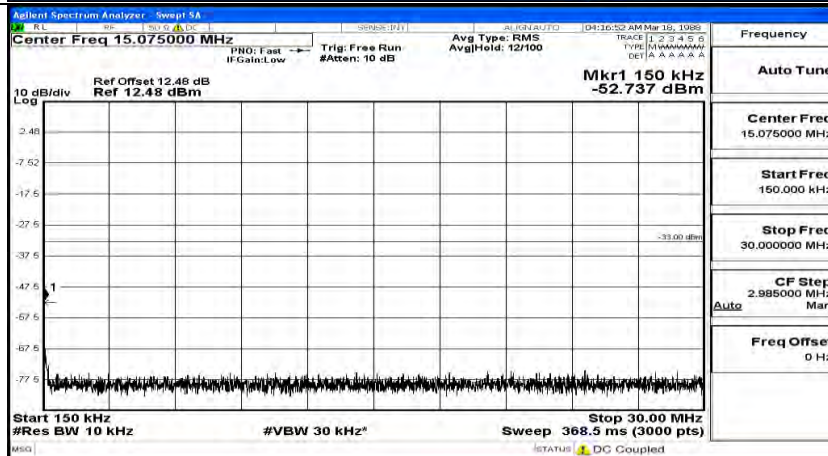
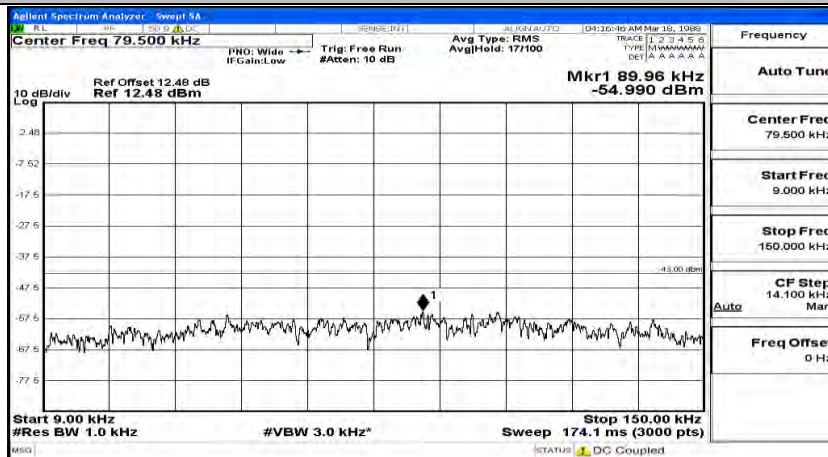


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

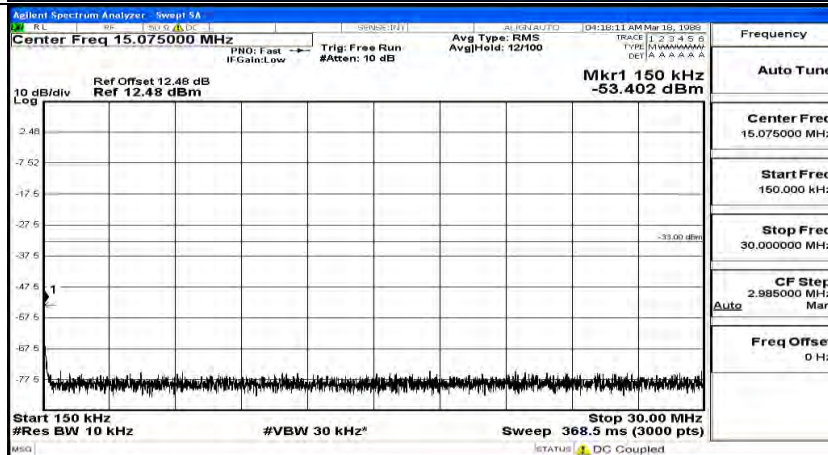
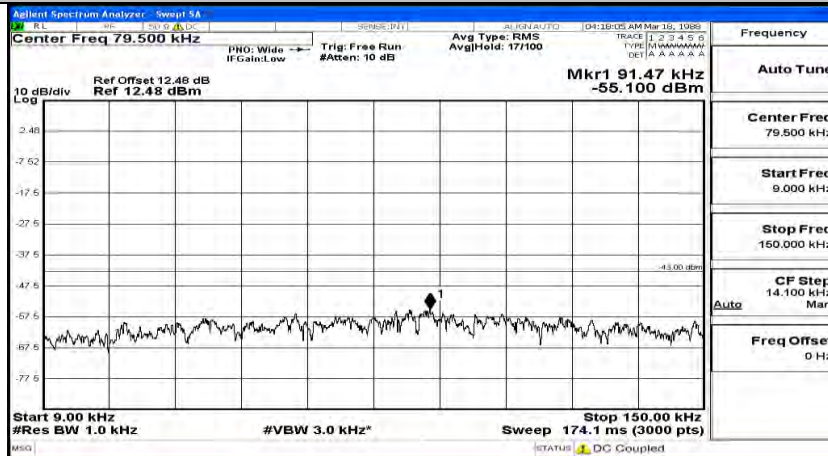




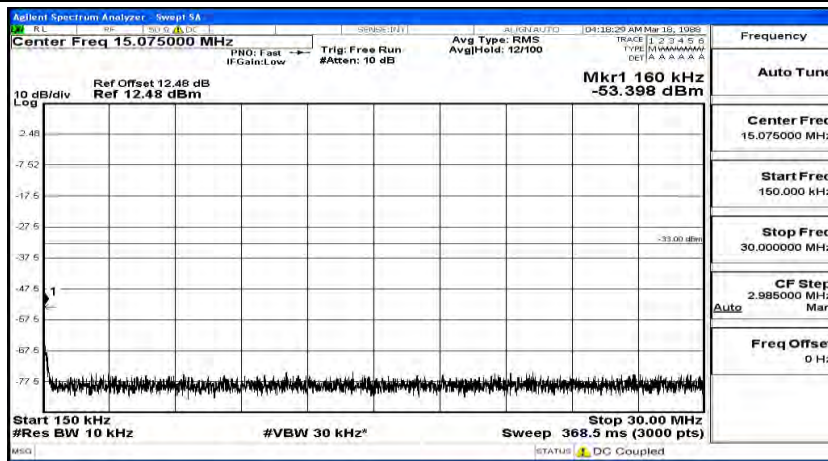
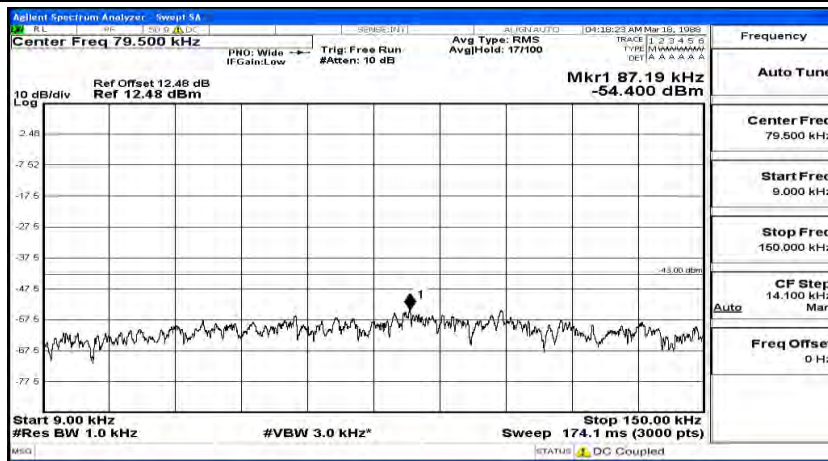
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



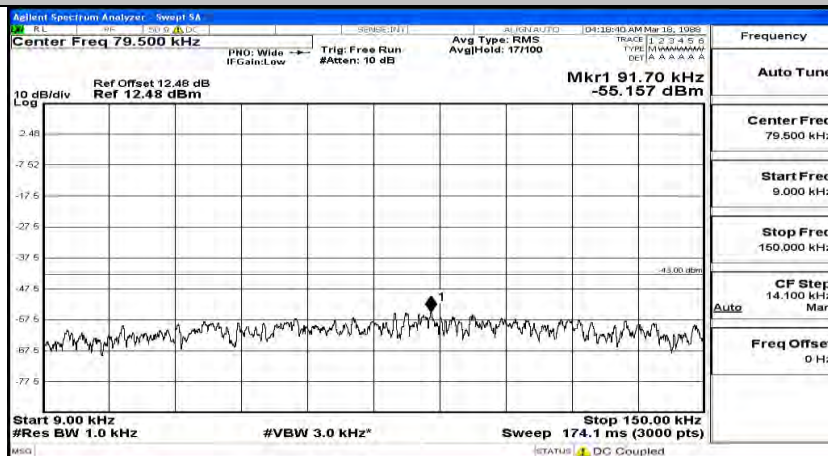
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

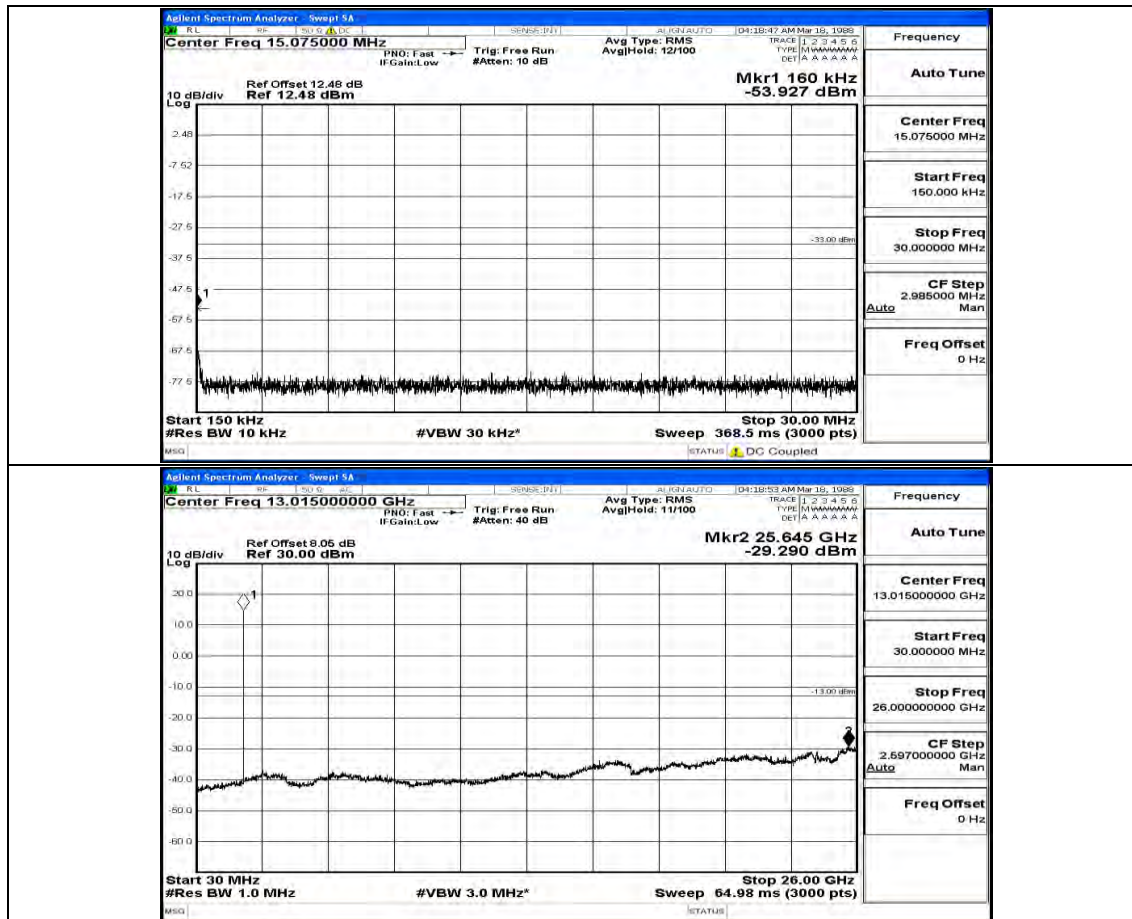


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

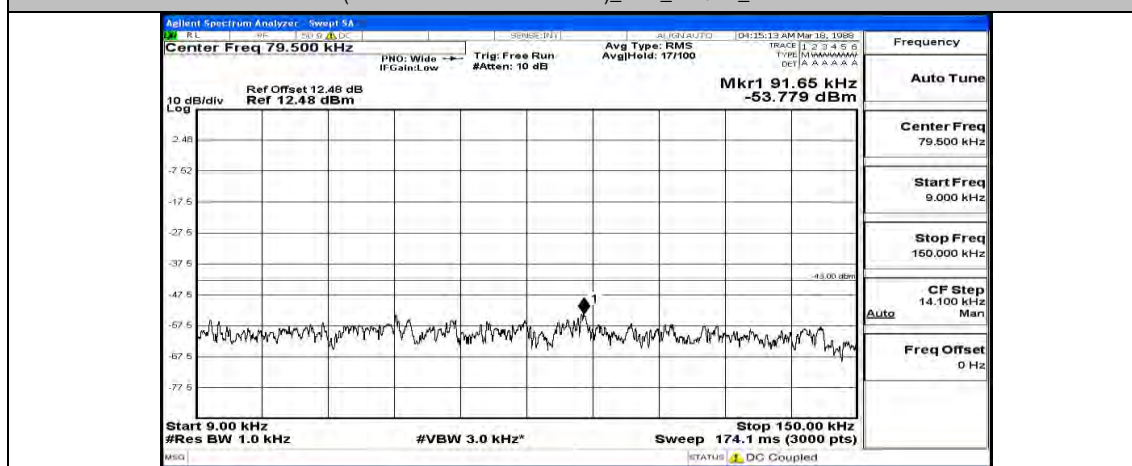


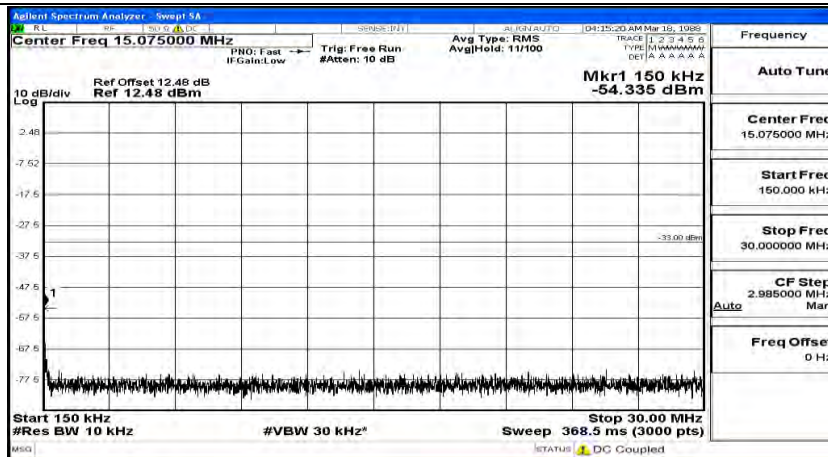
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



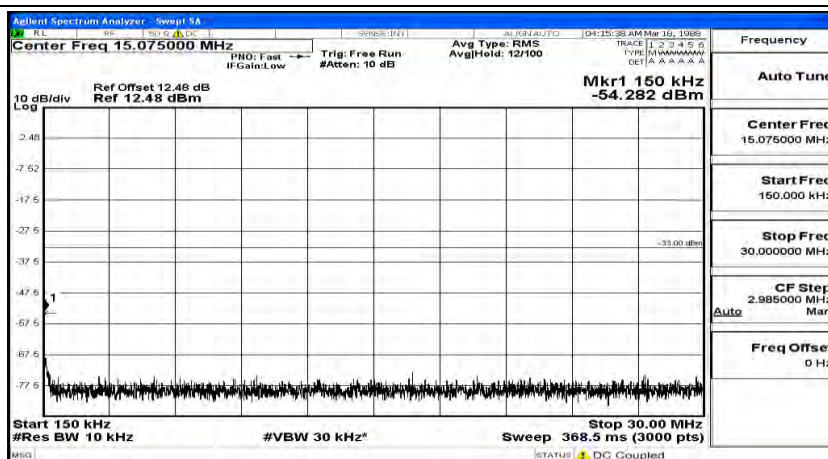
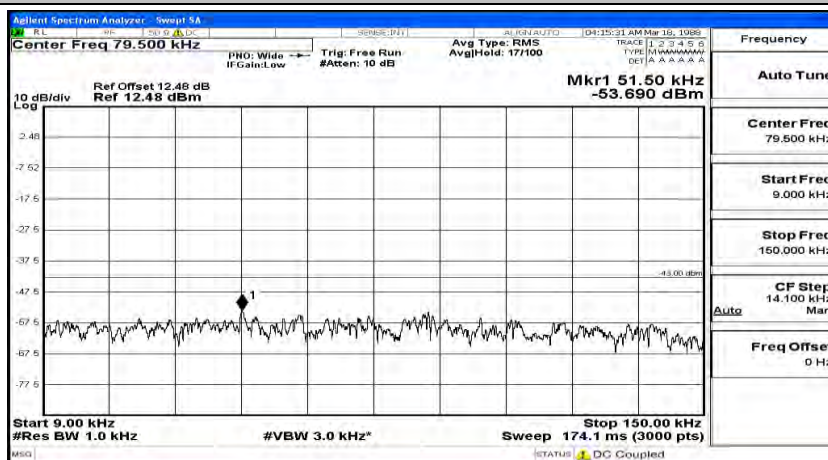


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



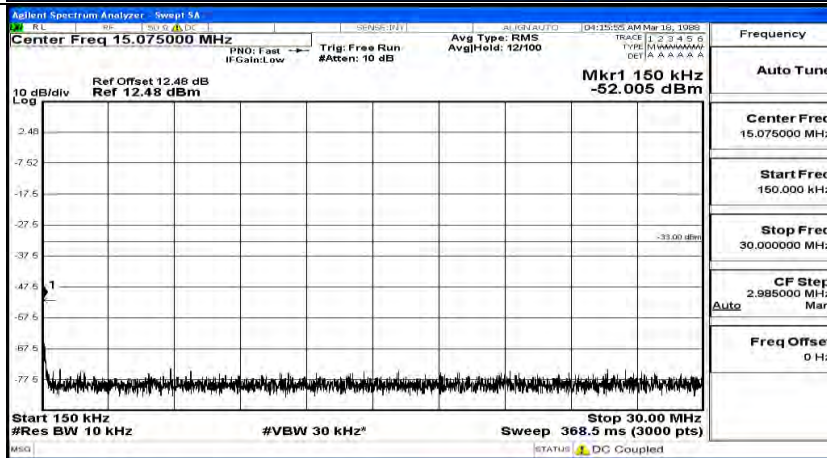
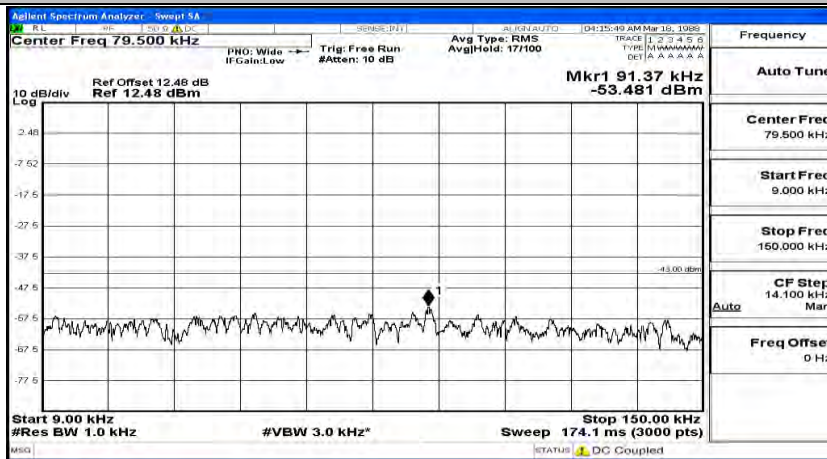


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3





(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



Agilent Spectrum Analyzer - Sweep SA

Center Freq 79.500 kHz

Ref Offset 12.48 dB
Ref 12.48 dBm

10 dBdiv
Log

Start 9.00 kHz
#Res BW 1.0 kHz

#VBW 3.0 kHz*

Stop 150.00 kHz
Sweep 174.1 ms (3000 pts)

Frequency

Auto Tune

Center Freq 79.500 kHz

Start Freq 9.000 kHz

Stop Freq 150.000 kHz

CF Step 14.100 kHz

Auto

Freq Offset 0 Hz

Trig: Free Run
#Atten: 10 dB

Avg Type: RMS
Avg/Hold: 17/100

Trace 1 2 3 4 5 6
Type: Waveform
Det: AAAAAA

Mkr1 41.86 kHz
-54.348 dBm

MSO

STATUS [] DC Coupled

[illegible]

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 13.01500000 GHz

PRO: Fast IF Gain: Low

Trig: Free Run #Atten: 40 dB

Avg Type: RMS Avg/Hold: 11/100

04:17:19 AM Mar 19, 1995

TRACE 1 2 3 4 5 6

TYPE: N/A A A A A A A

Frequency

Auto Tune

Mkr2 25.628 GHz -28.898 dBm

10 dB/Div

Ref Offset 8.05 dB

Log

Ref 30.00 dBm

Start 30 MHz

Stop 26.00 GHz

#Res BW 1.0 MHz

#VBW 3.0 MHz*

Sweep 64.98 ms (3000 pts)

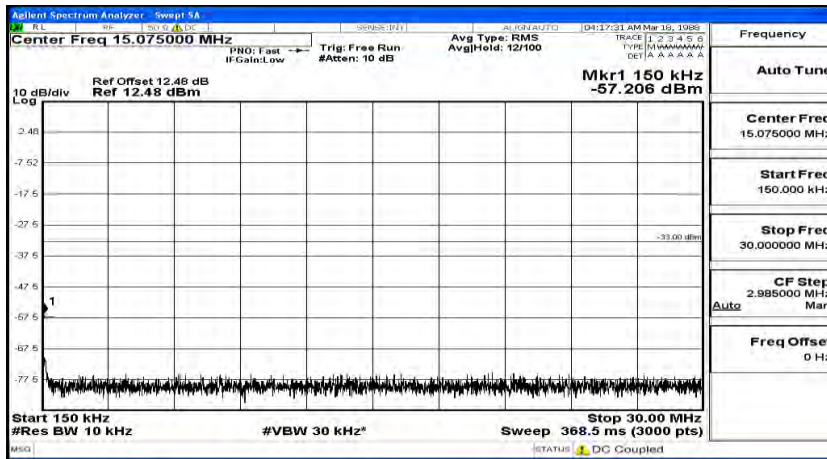
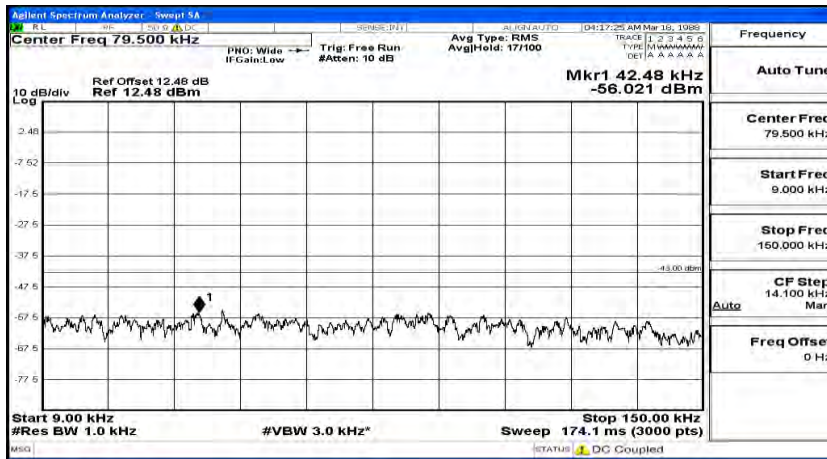
CF Step 2.697000000 GHz

Auto

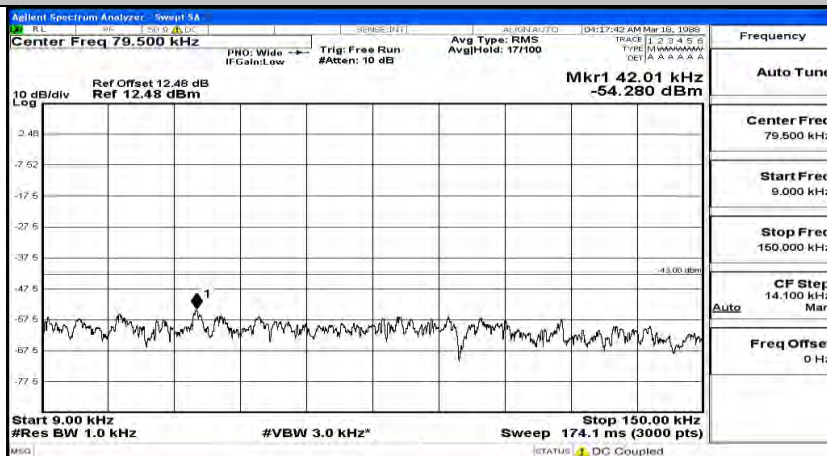
Man

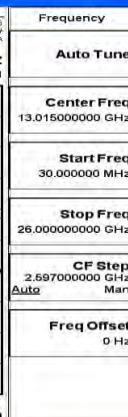
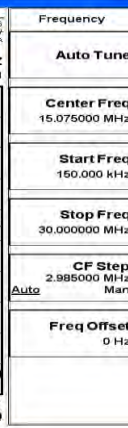
Freq Offset 0 Hz

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(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5





Agilent Spectrum Analyzer - Sweet SA

Center Freq 79.500 kHz

Ref Offset 12.48 dB
Ref 12.48 dBm

10 dBdiv
Log

Start 9.00 kHz
#Res BW 1.0 kHz

#VBW 3.0 kHz*

Stop 150.00 kHz
Sweep 174.1 ms (3000 pts)

Mkr1 85.68 kHz
-54.933 dBm

Frequency

Auto Tune

Center Freq 79.500 kHz

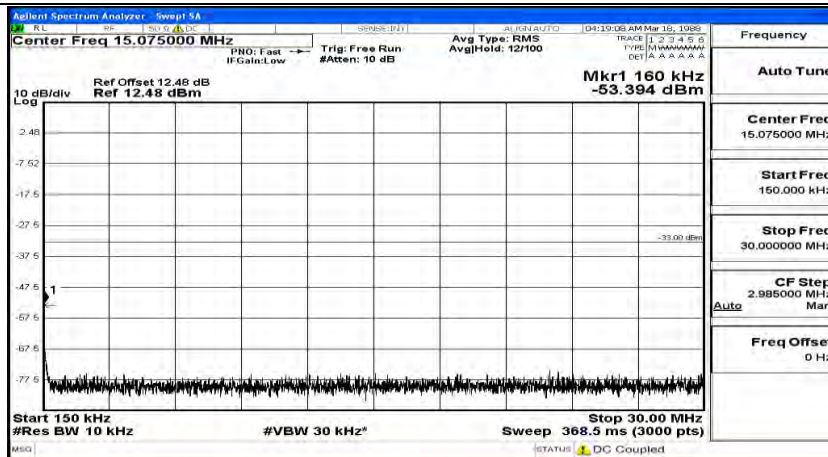
Start Freq 9.000 kHz

Stop Freq 150.000 kHz

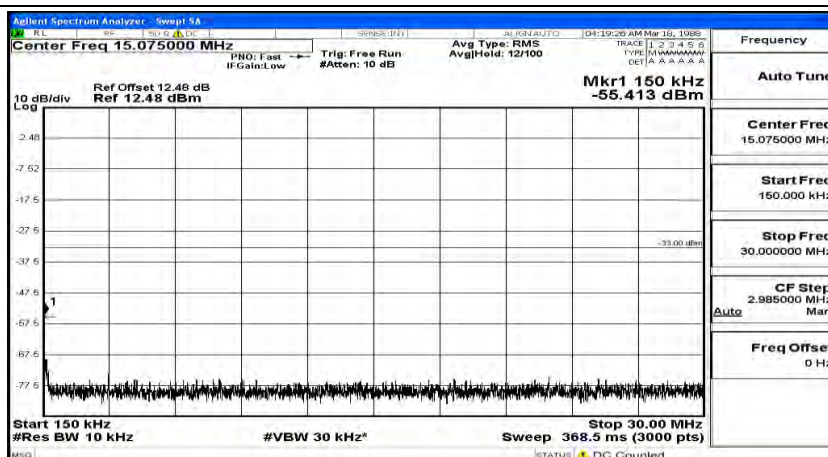
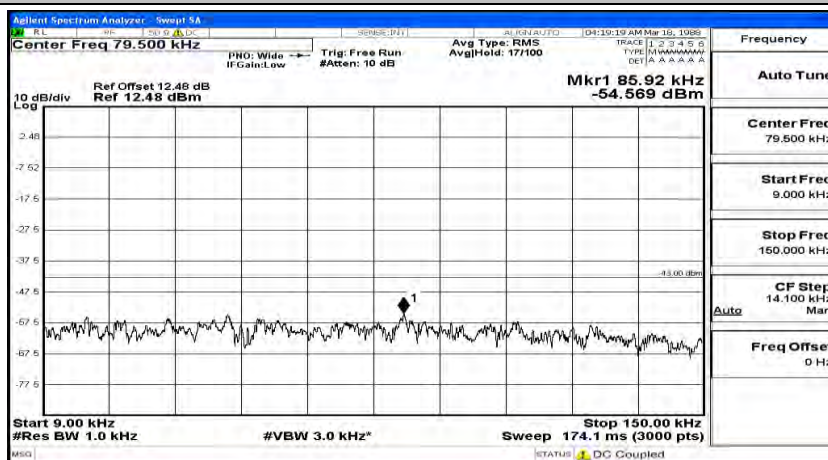
CF Step 14.100 kHz
Man

Auto

Freq Offset 0 Hz

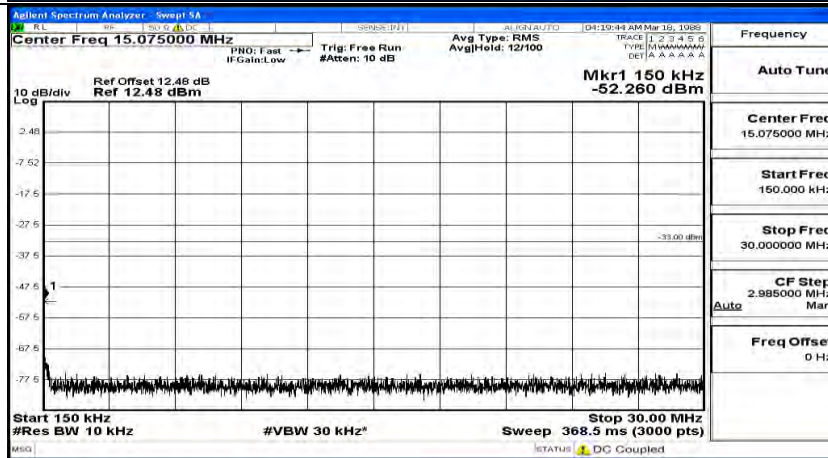
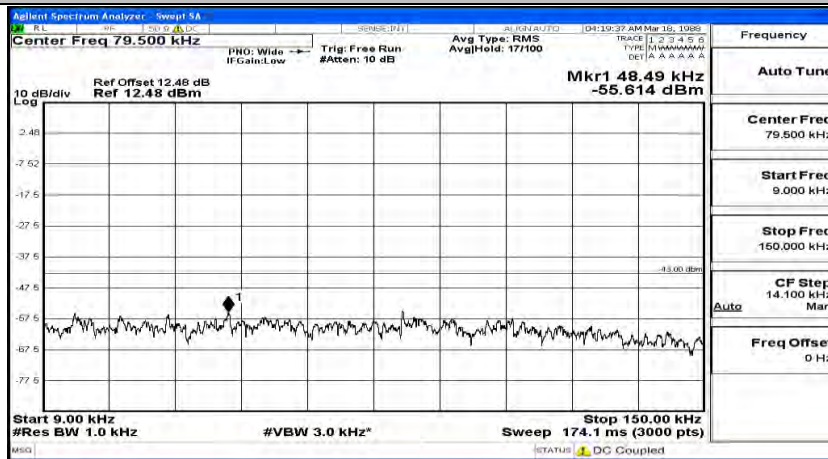


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



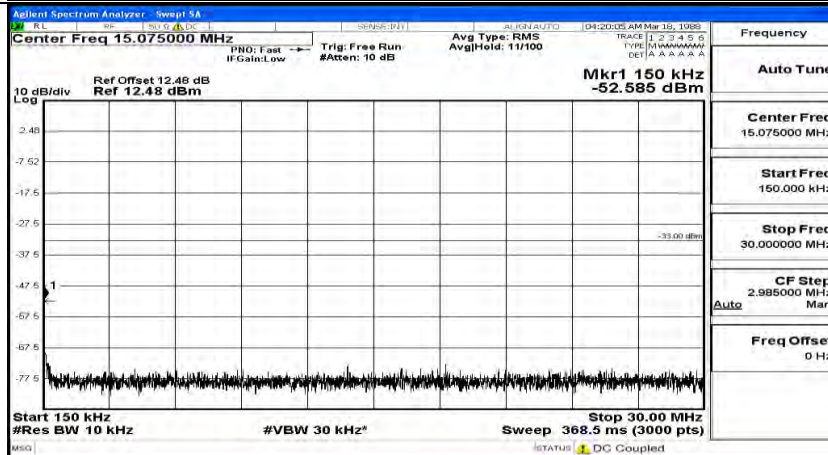
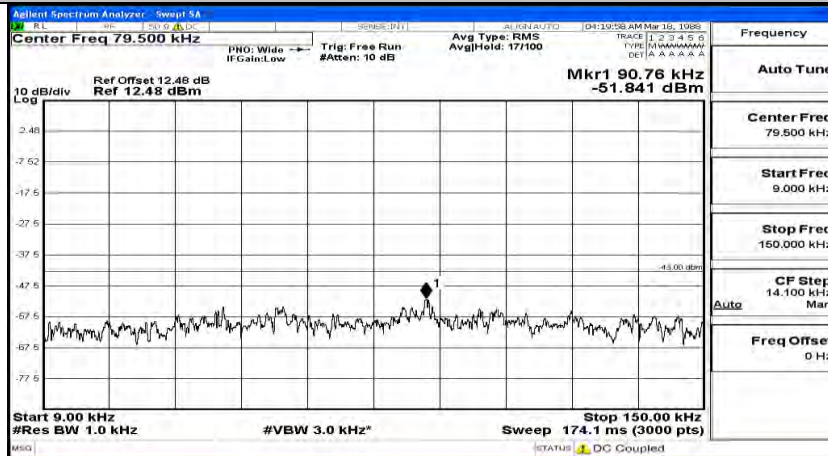


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

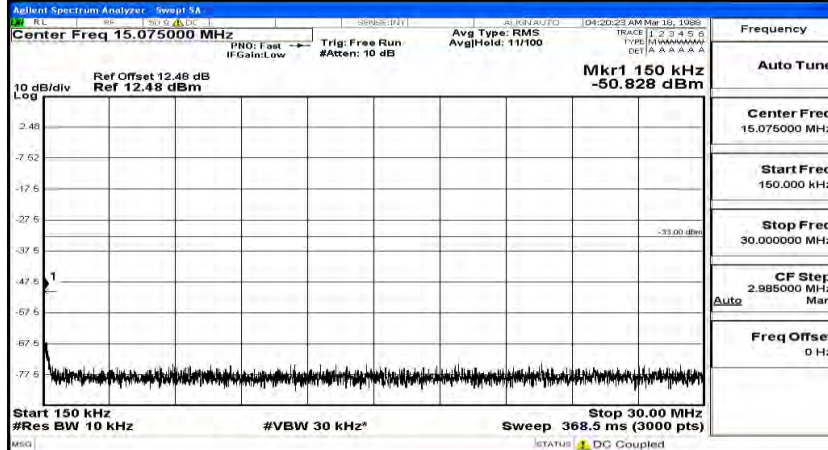
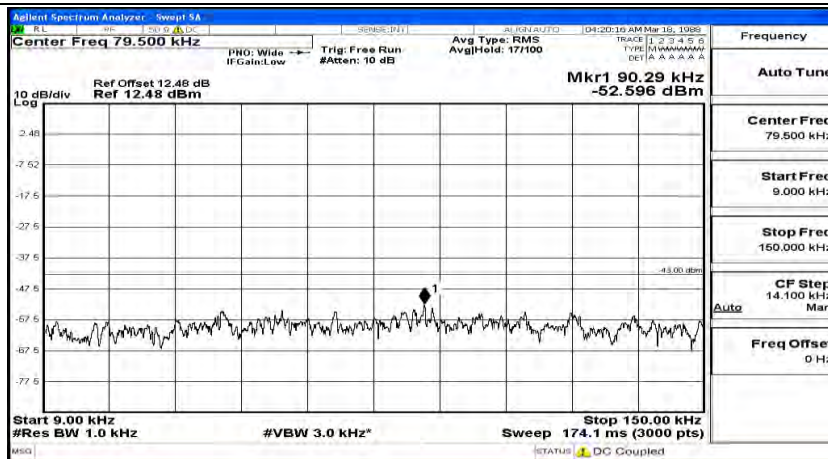


Channel Bandwidth: 3 MHz

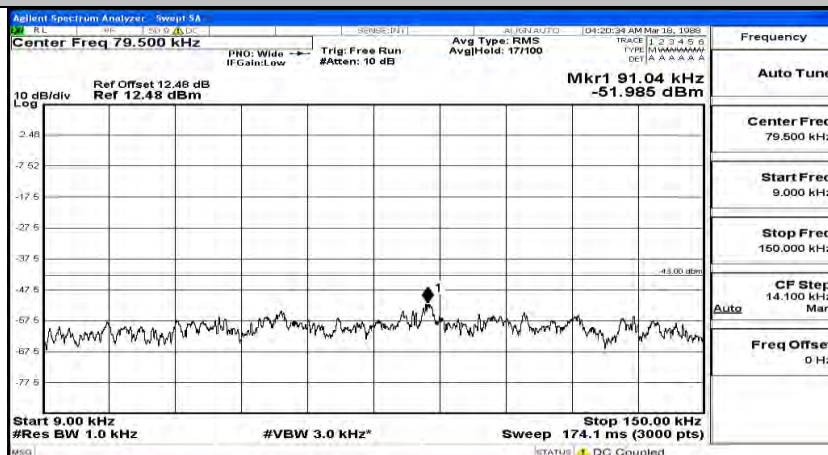
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

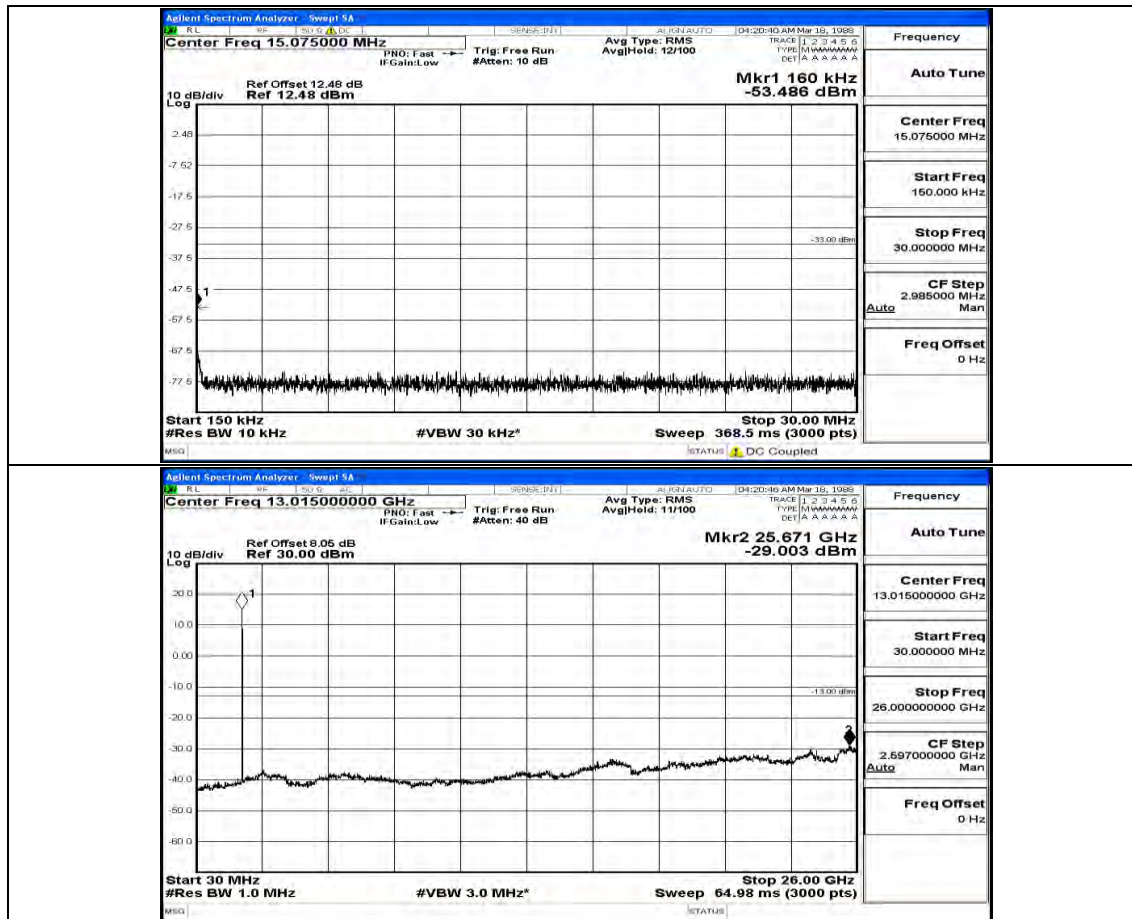


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

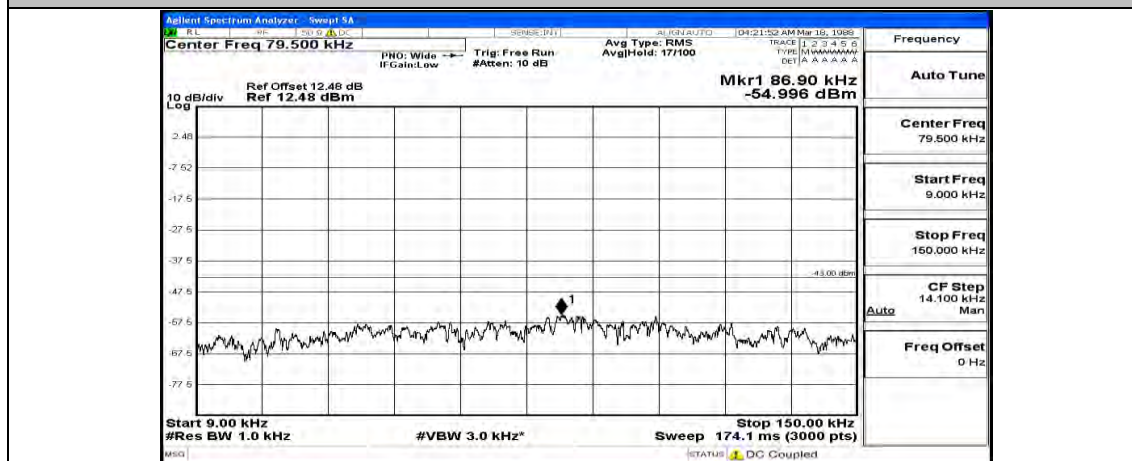


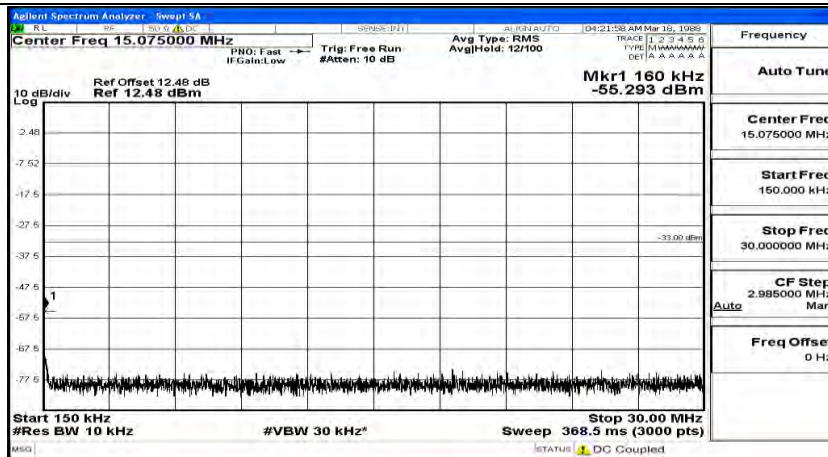
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



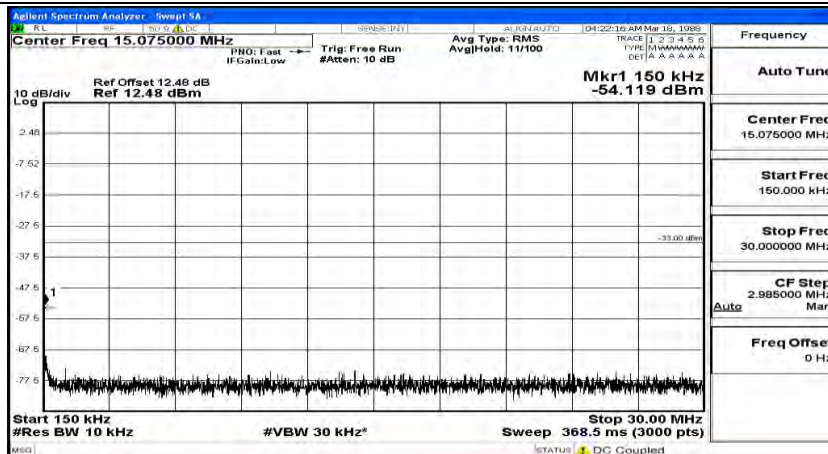
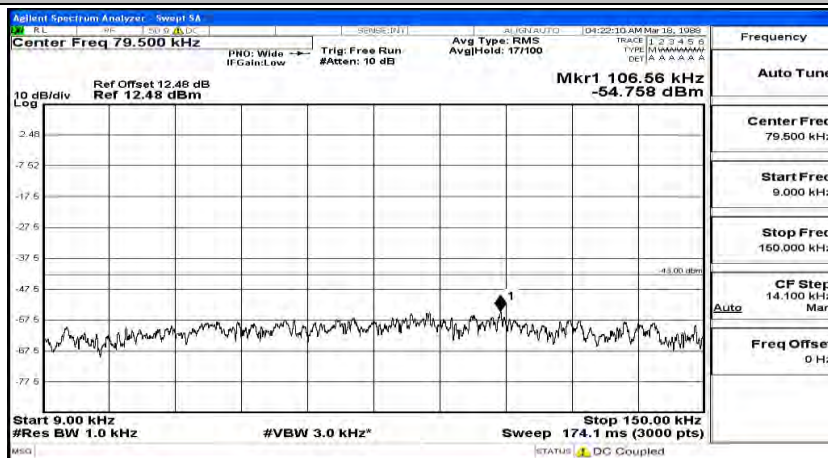


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



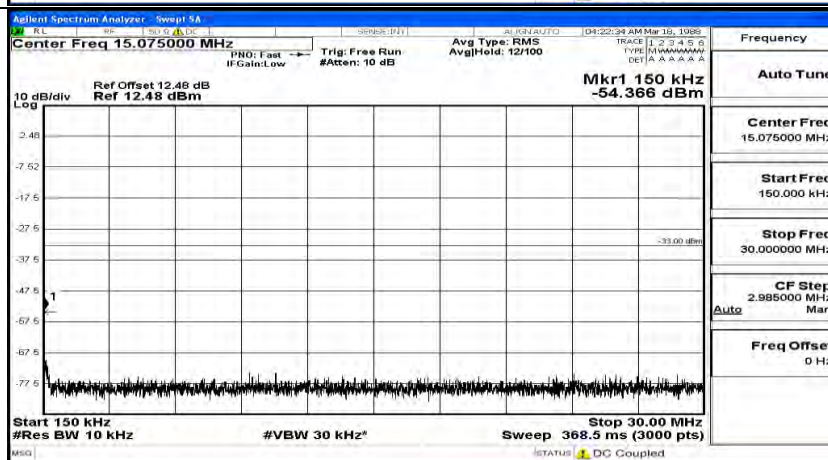
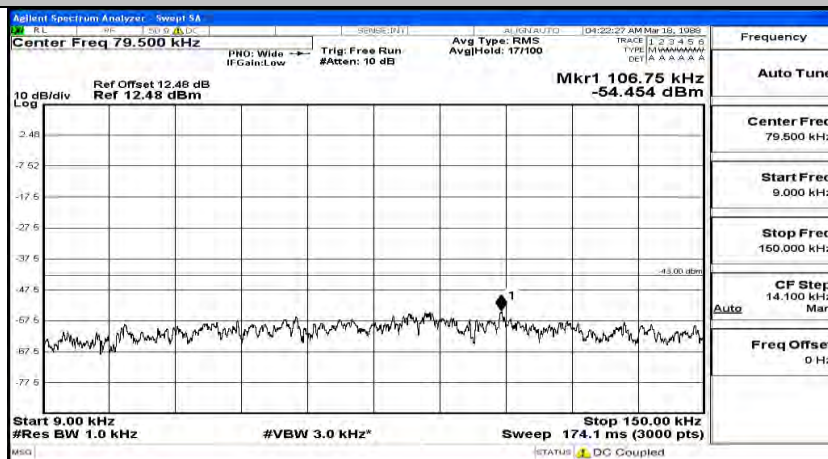


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

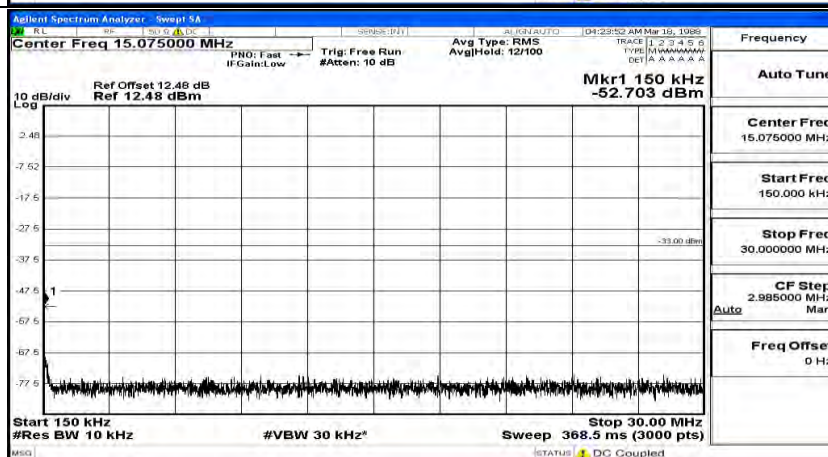
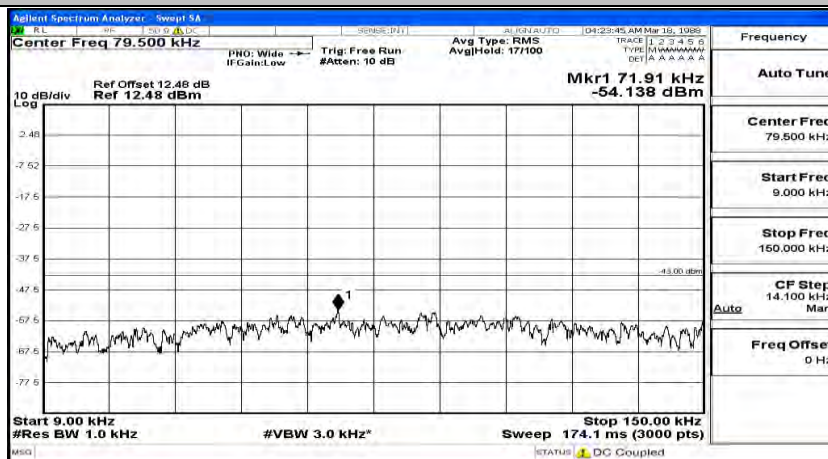




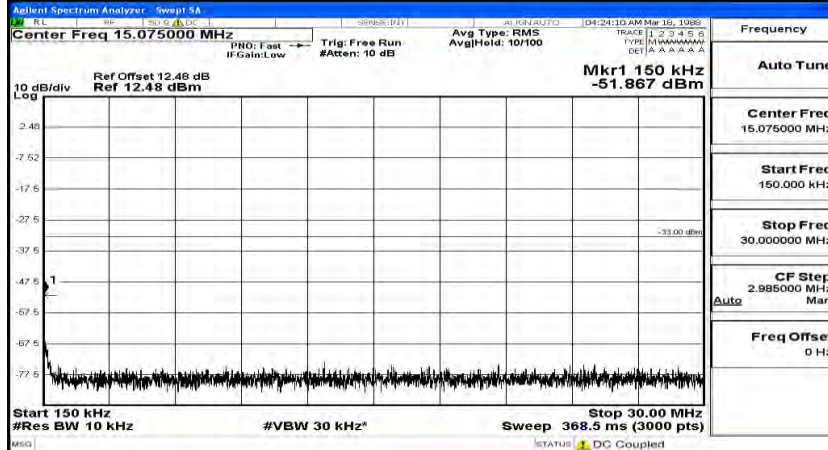
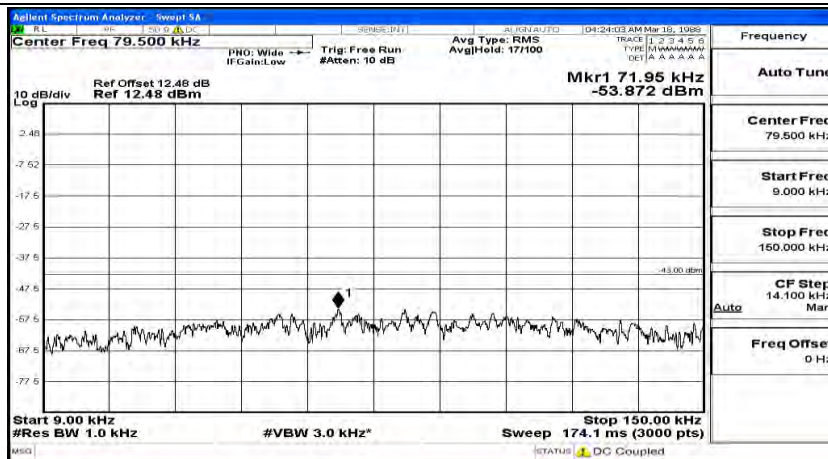
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



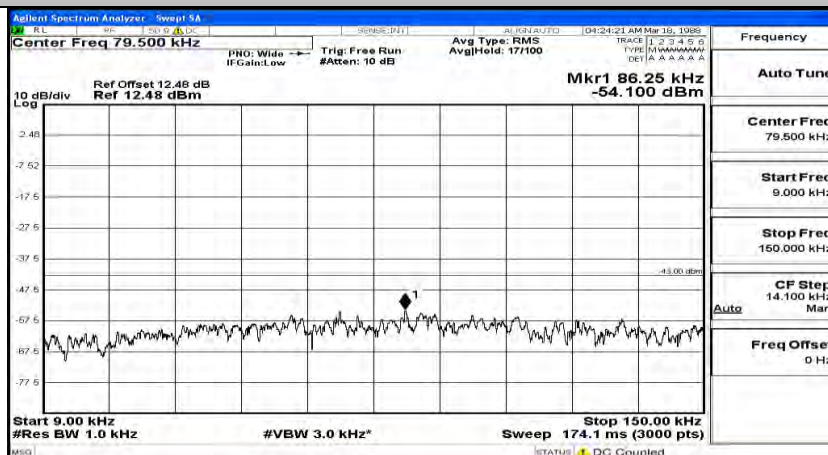
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

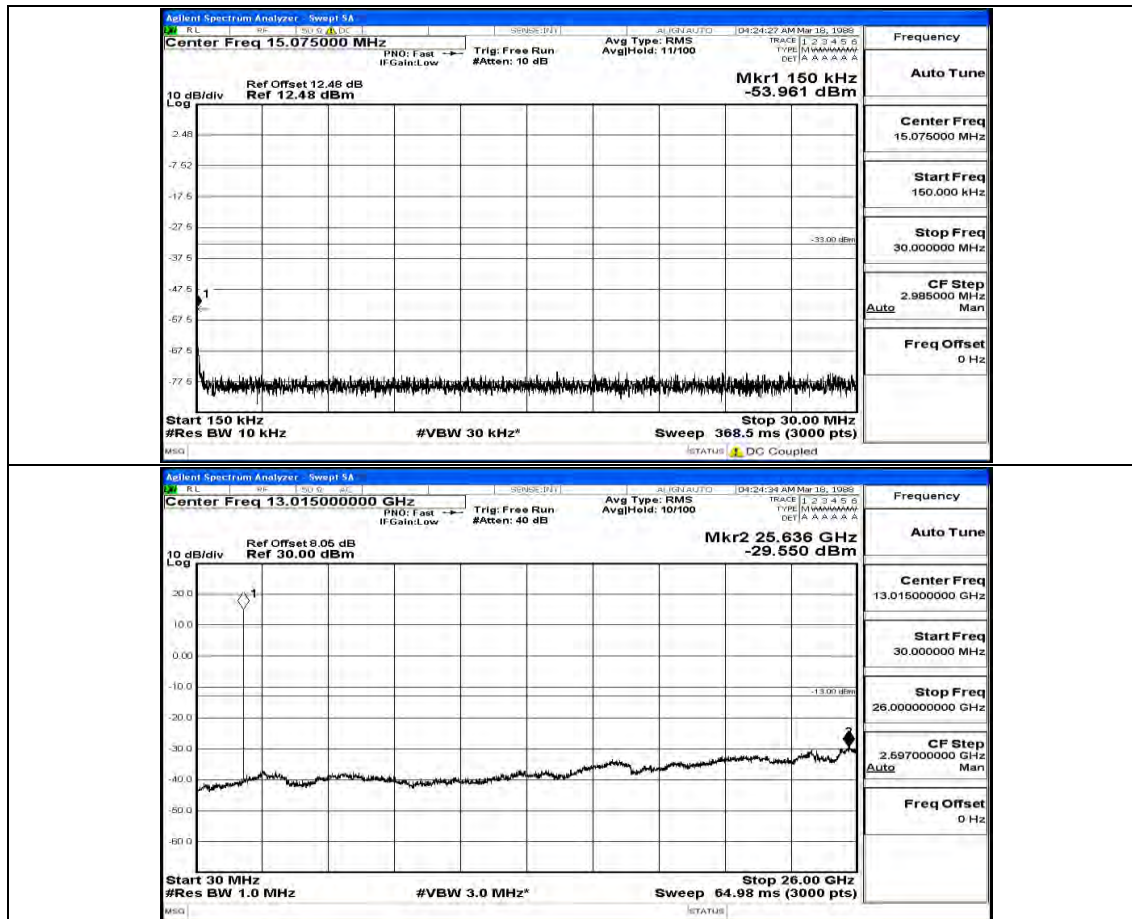


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

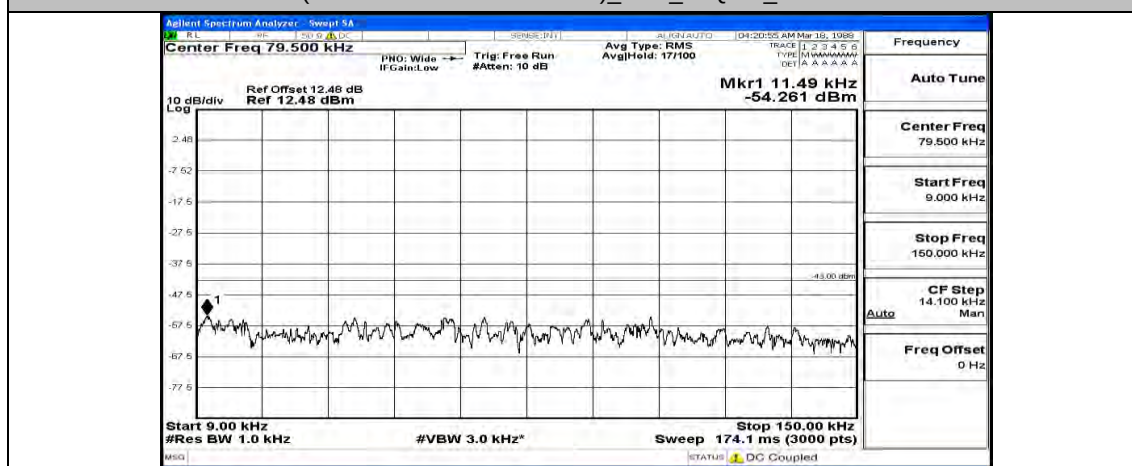


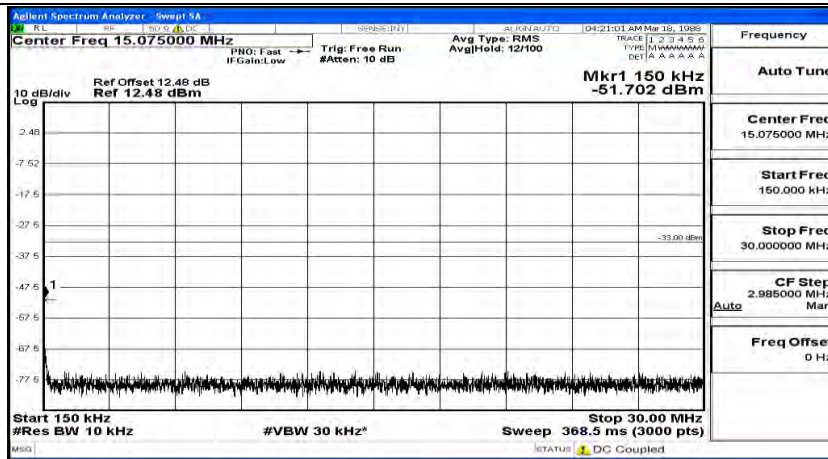
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14



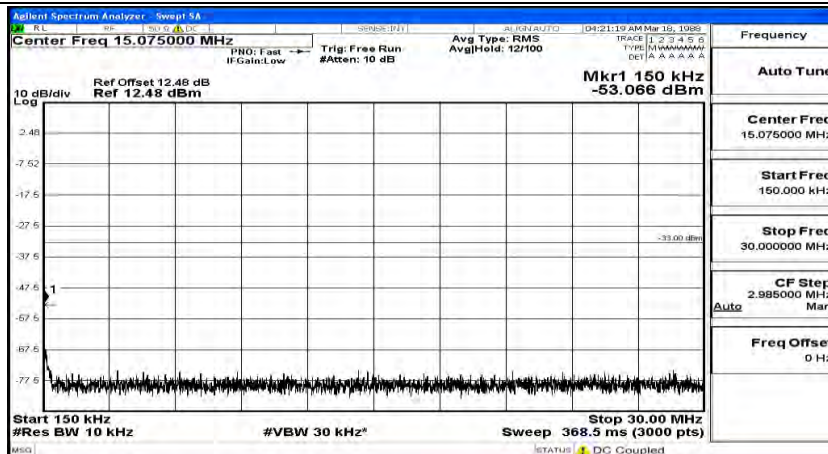
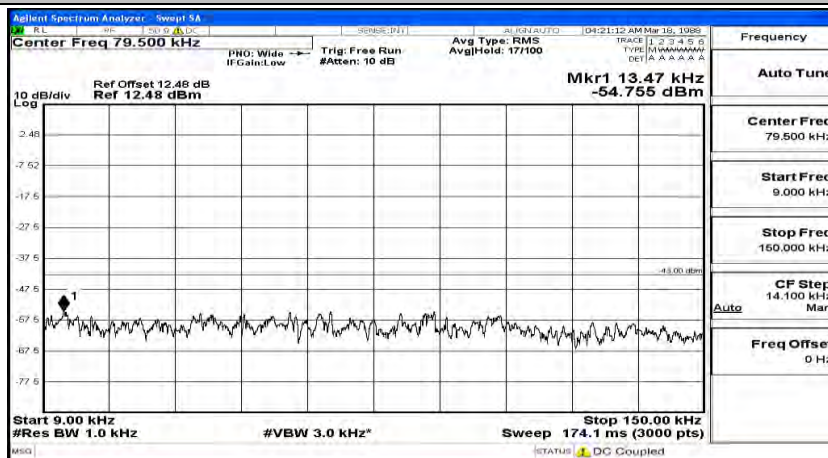


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



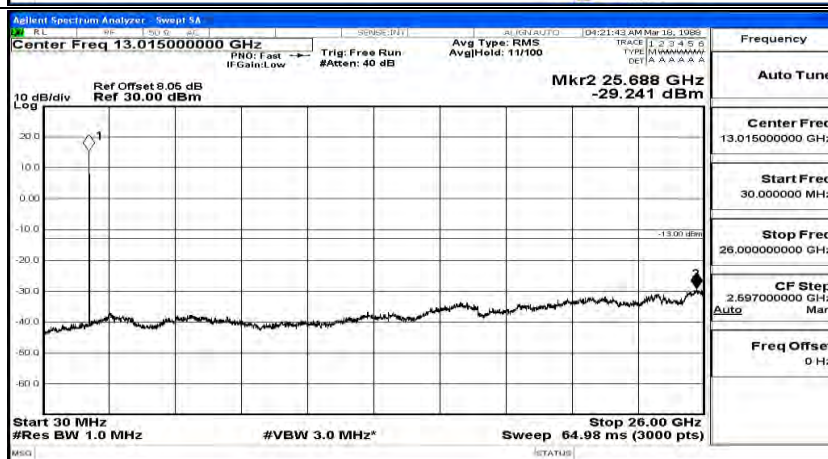
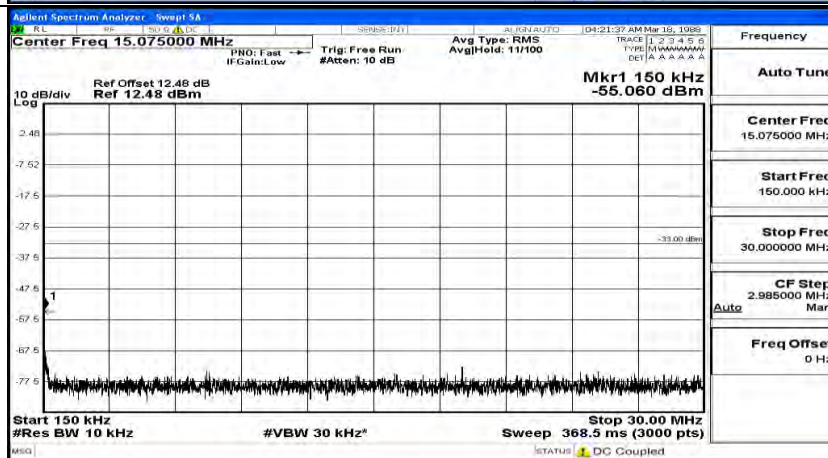
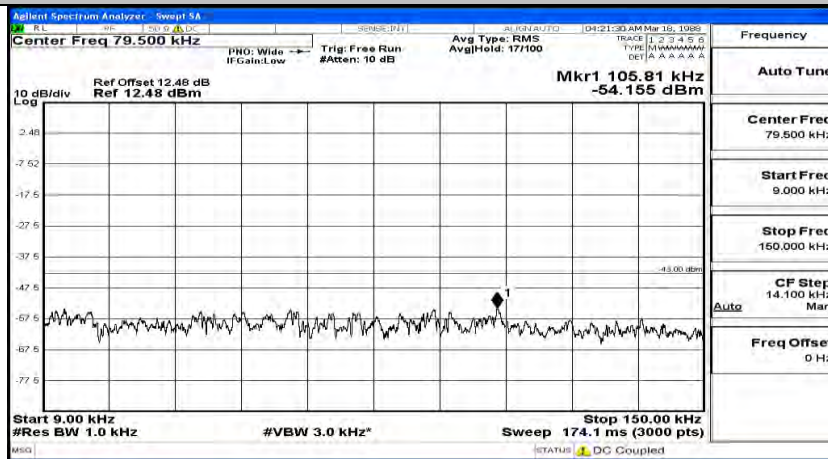


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

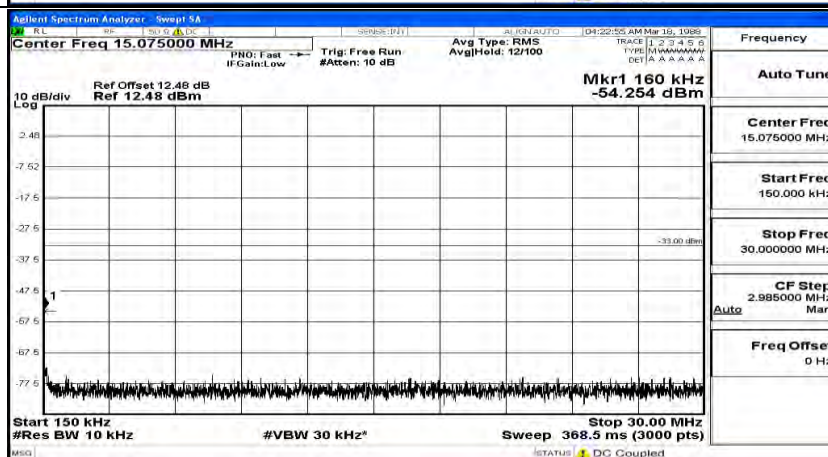
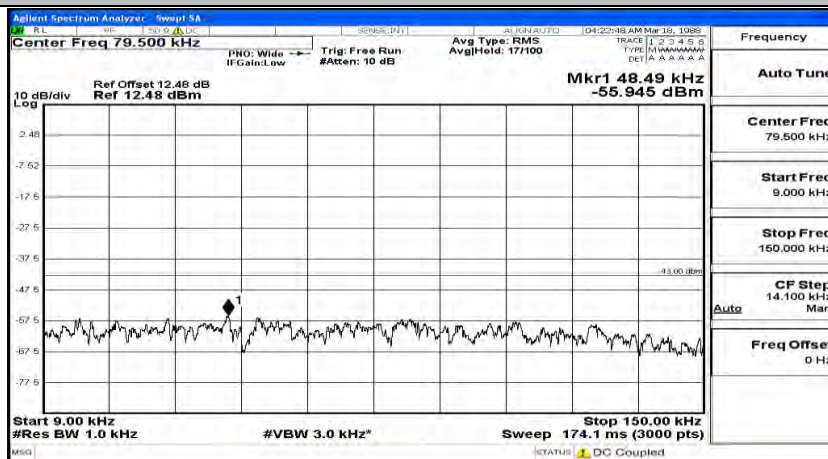




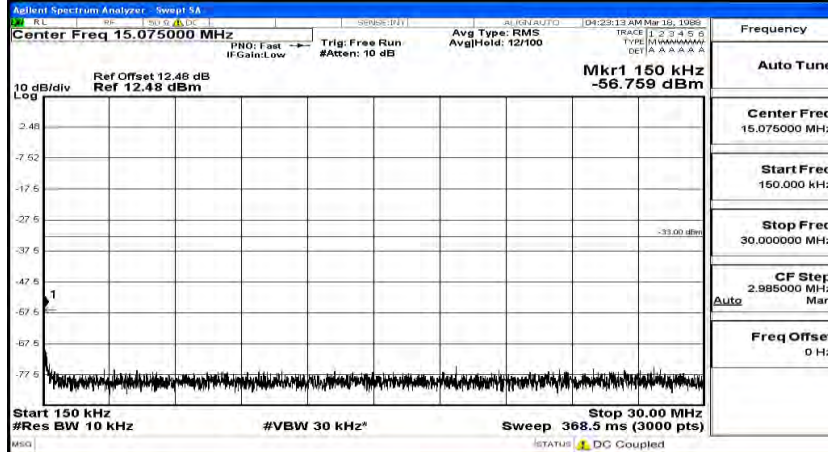
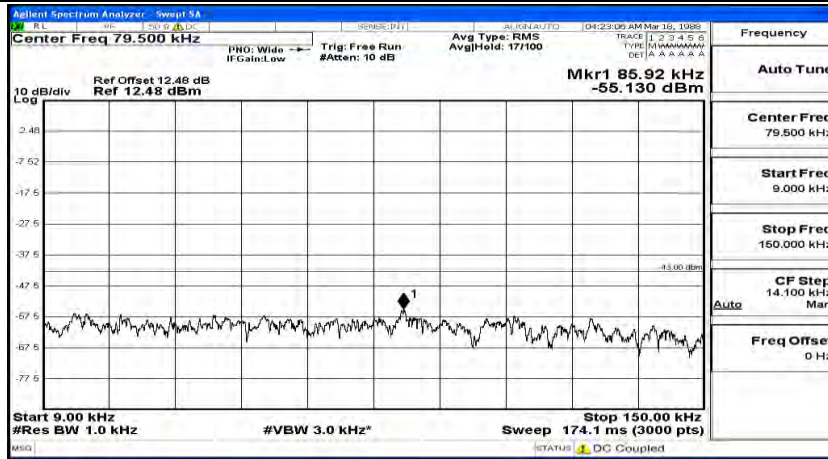
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14



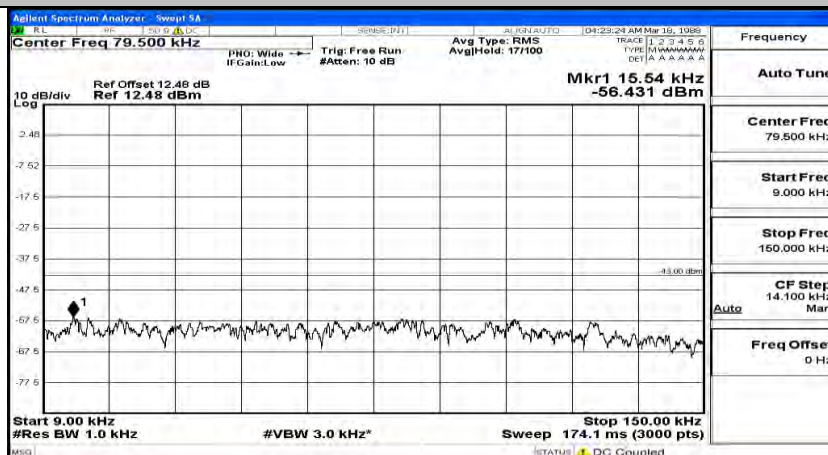
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

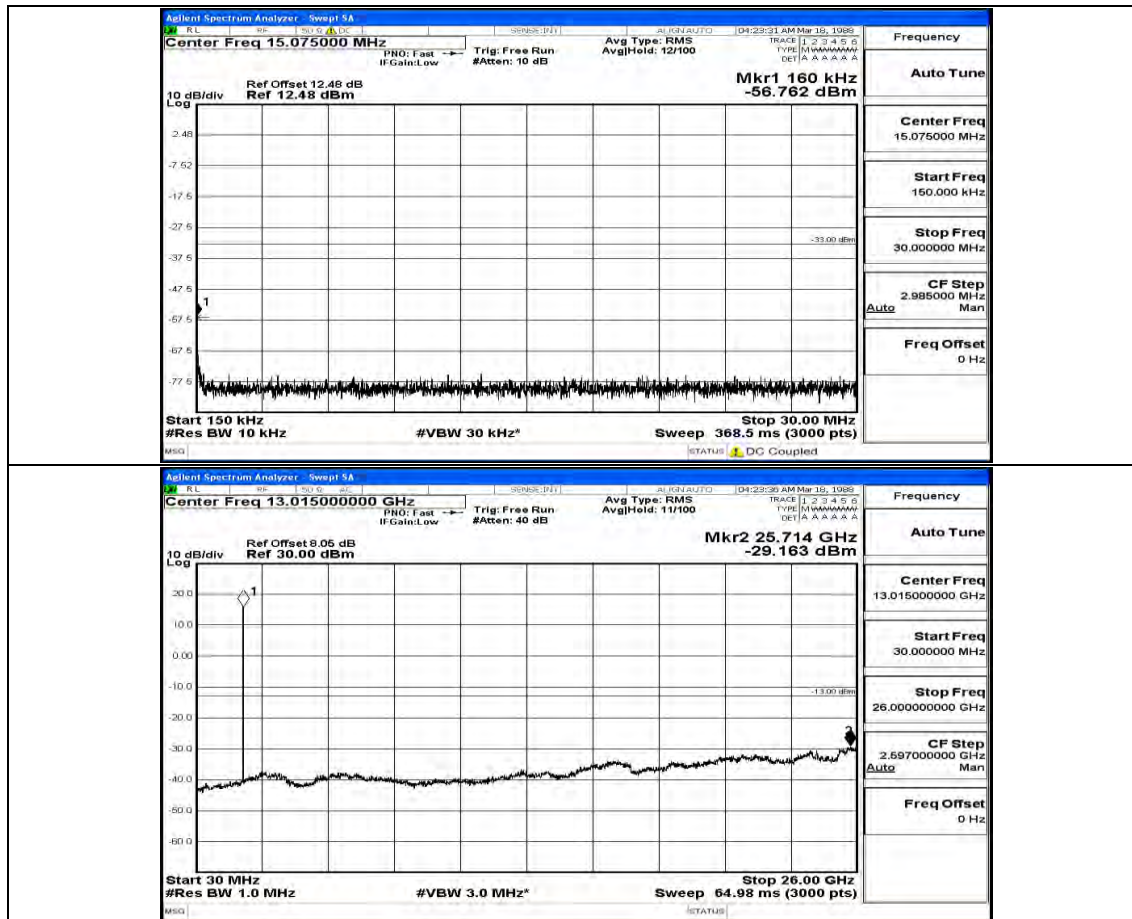


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

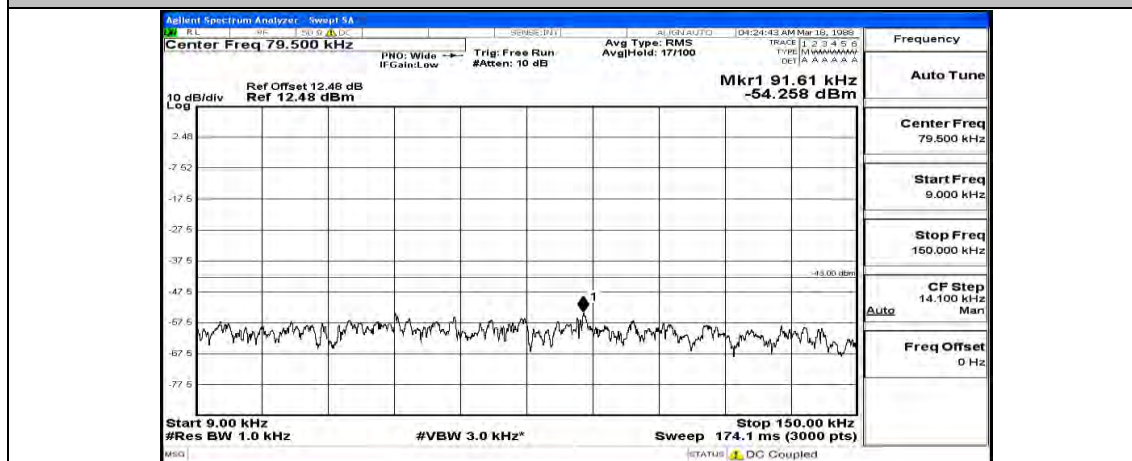


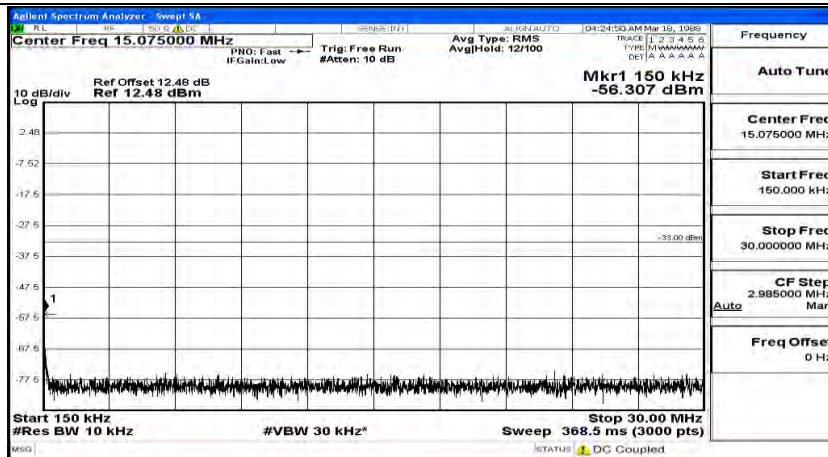
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



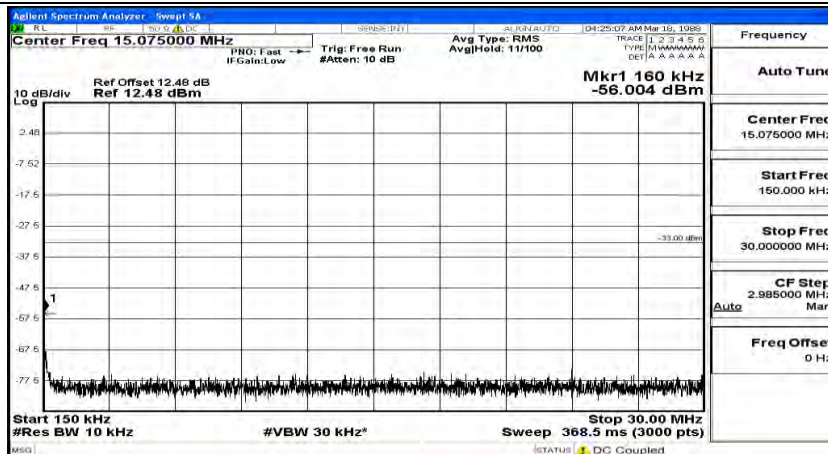
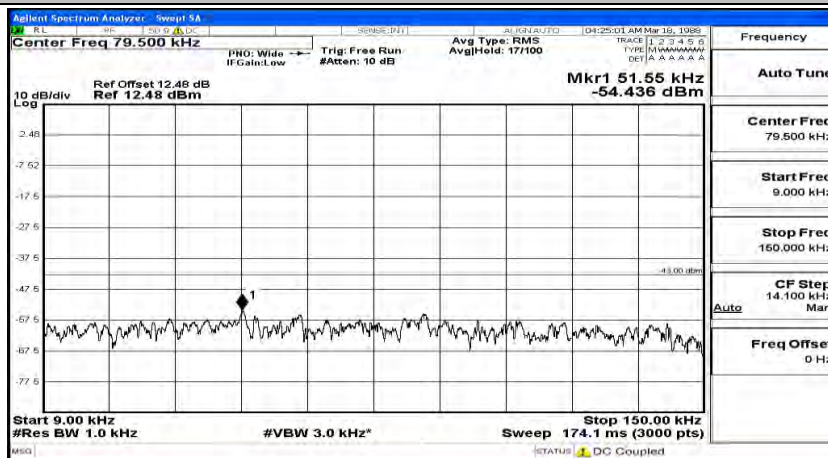


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



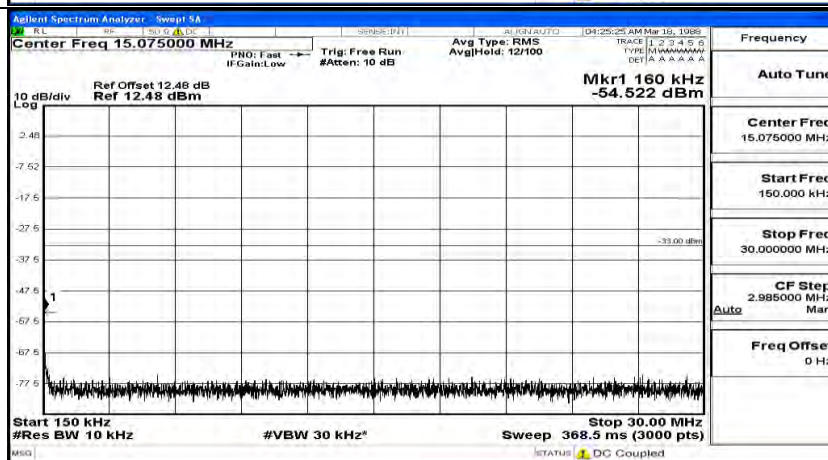
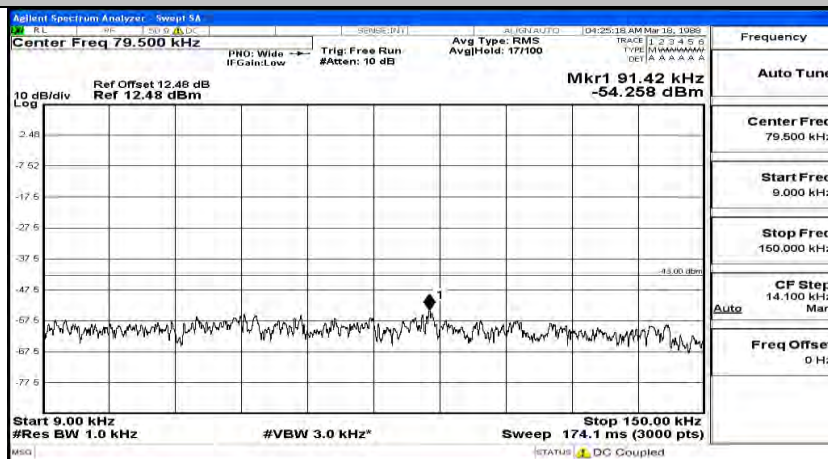


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



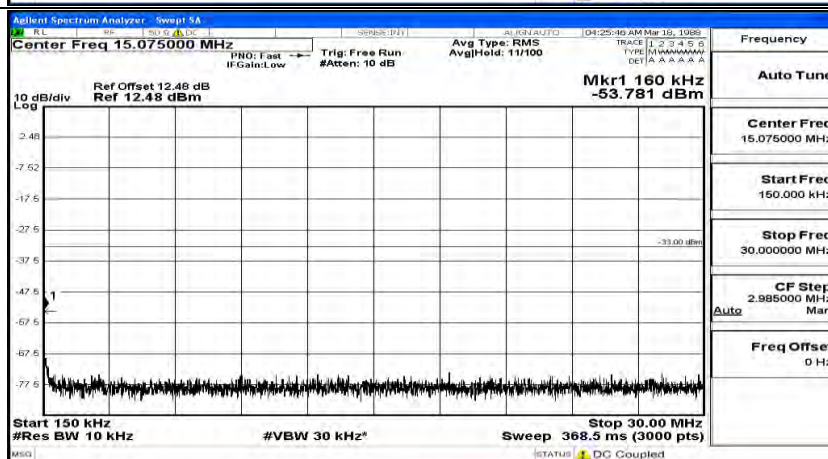
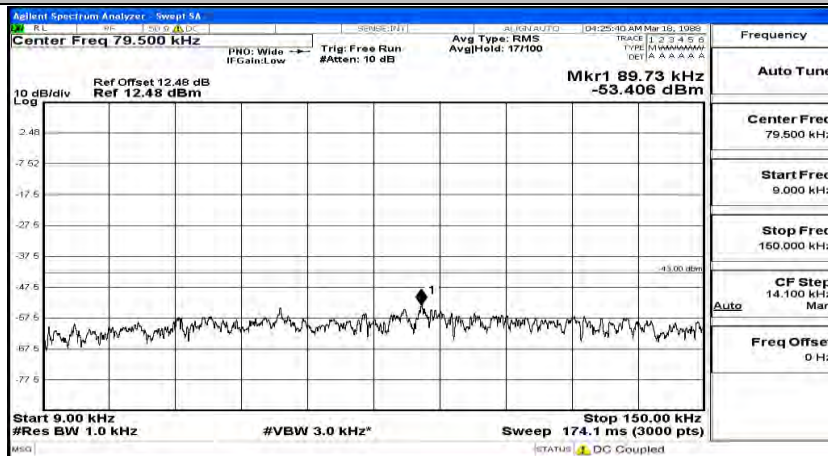


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

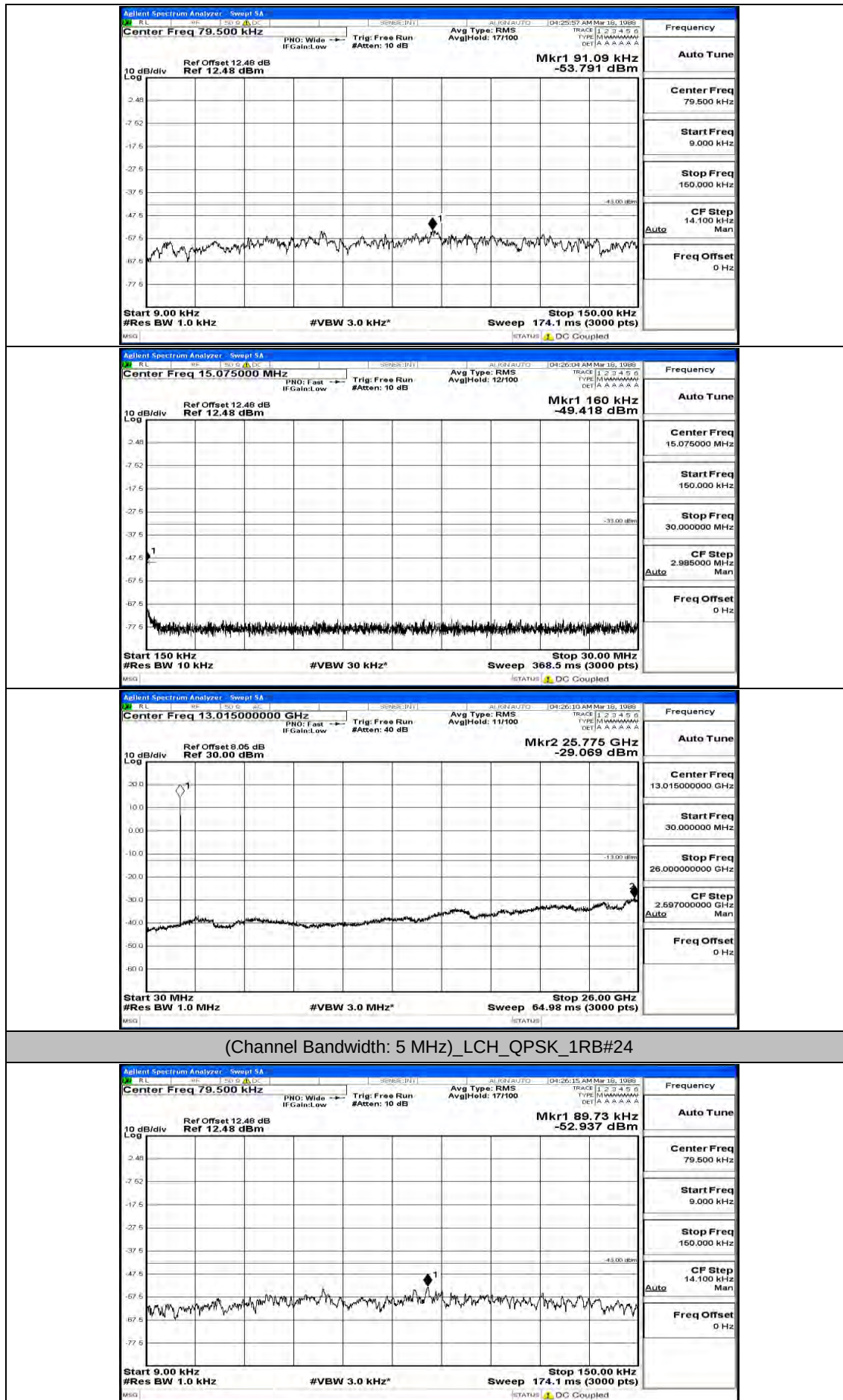


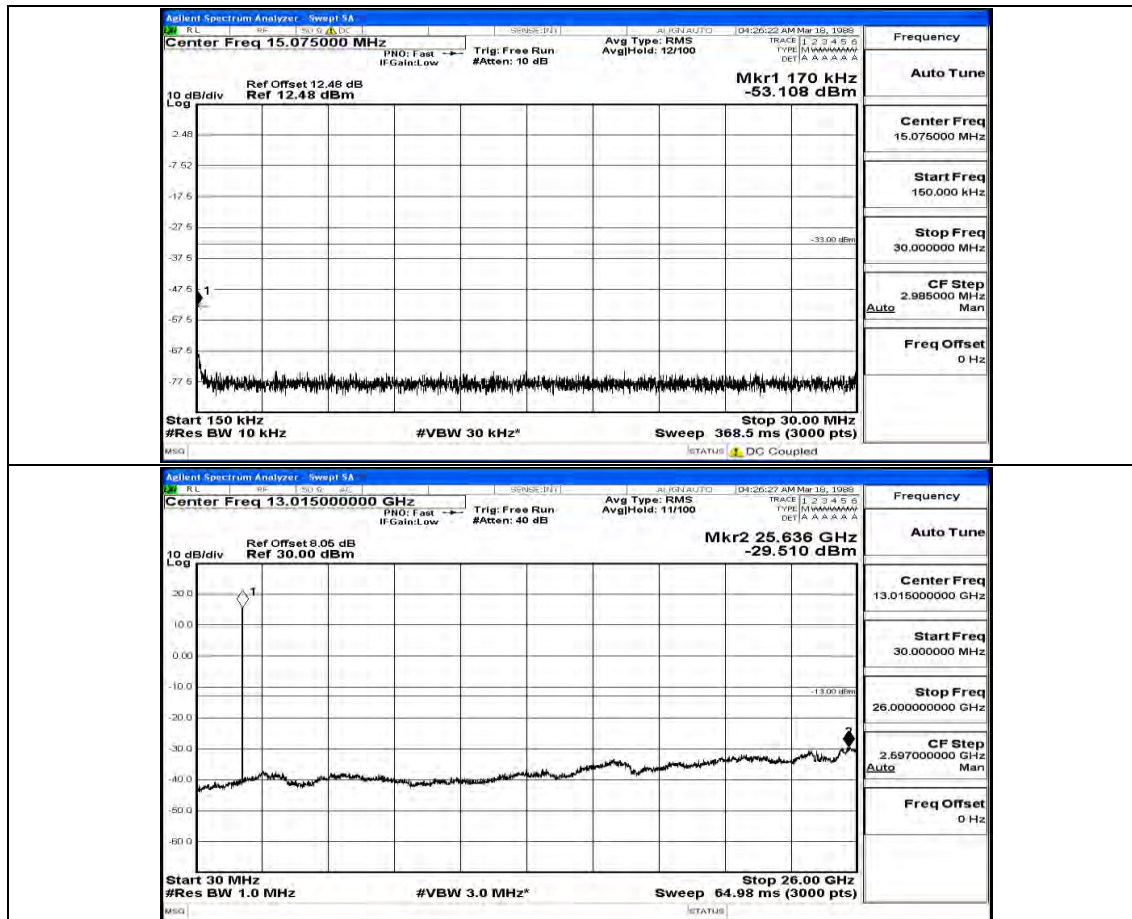
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12





(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0

