

Appendix D: Test Data for E-UTRA Band 2

Product Name: Tablet pc

Trade Mark: N/A

Test Model: 10LA1

Environmental Conditions

Temperature:	24.2° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
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	20.85	20.90	PASS
		1	3	20.01	20.23	PASS
		1	5	20.03	20.14	PASS
		3	0	20.87	20.96	PASS
		3	2	20.98	20.05	PASS
		3	3	20.02	20.09	PASS
		6	0	20.96	20.94	PASS
	MCH	1	0	20.40	20.63	PASS
		1	3	20.50	20.81	PASS
		1	5	20.43	20.67	PASS
		3	0	20.46	20.39	PASS
		3	2	20.47	20.40	PASS
		3	3	20.48	20.42	PASS
		6	0	20.52	20.45	PASS
	HCH	1	0	20.87	20.08	PASS
		1	3	20.04	20.28	PASS
		1	5	20.91	20.15	PASS
		3	0	20.88	20.96	PASS
		3	2	20.94	20.00	PASS
		3	3	20.97	20.00	PASS
		6	0	20.92	20.03	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	20.82	20.97	PASS
		1	7	20.38	20.48	PASS
		1	14	20.46	20.74	PASS
		8	0	20.01	20.09	PASS
		8	4	20.17	20.28	PASS
		8	7	20.26	20.35	PASS
		15	0	20.11	20.10	PASS
	MCH	1	0	20.46	20.61	PASS
		1	7	20.71	20.94	PASS
		1	14	20.49	20.81	PASS
		8	0	20.51	20.47	PASS
		8	4	20.54	20.49	PASS
		8	7	20.51	20.46	PASS
		15	0	20.40	20.44	PASS
	HCH	1	0	20.71	20.98	PASS
		1	7	20.87	20.27	PASS
		1	14	20.97	20.19	PASS
		8	0	20.78	20.73	PASS
		8	4	20.84	20.86	PASS
		8	7	20.88	0.84	PASS
		15	0	20.77	20.82	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	20.83	20.98	PASS
		1	12	20.71	20.76	PASS
		1	24	20.97	20.20	PASS
		12	0	20.17	20.25	PASS
		12	6	20.41	20.47	PASS
		12	13	20.67	20.70	PASS
		25	0	20.37	20.39	PASS
	MCH	1	0	20.37	20.37	PASS
		1	12	20.74	20.76	PASS
		1	24	17.45	20.64	PASS
		12	0	20.45	20.52	PASS
		12	6	20.48	20.57	PASS
		12	13	20.32	20.48	PASS
		25	0	20.41	20.44	PASS
	HCH	1	0	20.47	20.62	PASS
		1	12	20.98	20.10	PASS
		1	24	20.97	20.06	PASS
		12	0	20.68	20.71	PASS
		12	6	20.74	20.80	PASS
		12	13	20.77	20.77	PASS
		25	0	20.75	20.79	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	20.85	20.07	PASS
		1	24	20.22	20.47	PASS
		1	49	20.99	20.28	PASS
		25	0	20.68	20.71	PASS
		25	12	20.07	20.05	PASS
		25	25	20.72	20.73	PASS
		50	0	20.17	20.20	PASS
	MCH	1	0	20.26	20.33	PASS
		1	24	20.57	20.80	PASS
		1	49	20.50	20.92	PASS
		25	0	20.47	20.49	PASS
		25	12	20.46	20.49	PASS
		25	25	20.43	20.46	PASS
		50	0	20.42	20.47	PASS
	HCH	1	0	20.89	20.97	PASS
		1	24	20.58	20.77	PASS
		1	49	20.96	20.18	PASS
		25	0	20.35	20.29	PASS
		25	12	20.42	20.49	PASS
		25	25	20.57	20.60	PASS
		50	0	20.40	20.42	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	20.88	20.09	PASS
		1	37	20.93	20.27	PASS
		1	74	20.57	20.74	PASS
		37	0	20.93	20.92	PASS
		37	18	20.70	20.72	PASS
		37	38	20.41	20.45	PASS
		75	0	20.84	20.86	PASS
	MCH	1	0	20.03	20.03	PASS
		1	37	20.63	20.93	PASS
		1	74	20.43	20.74	PASS
		37	0	20.59	20.52	PASS
		37	18	20.60	20.56	PASS
		37	38	20.53	20.56	PASS
		75	0	20.51	20.49	PASS
	HCH	1	0	20.21	20.39	PASS
		1	37	22.33	21.44	PASS
		1	74	22.84	22.05	PASS
		37	0	20.75	20.67	PASS
		37	18	21.27	20.17	PASS
		37	38	21.40	20.37	PASS
		75	0	21.03	20.97	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	22.02	20.18	PASS
		1	49	22.02	20.66	PASS
		1	99	22.02	20.62	PASS
		50	0	22.02	20.70	PASS
		50	25	22.02	20.45	PASS
		50	50	22.02	20.83	PASS
		100	0	22.02	20.30	PASS
	MCH	1	0	22.02	20.45	PASS
		1	49	22.02	20.47	PASS
		1	99	22.02	20.47	PASS
		50	0	22.02	20.83	PASS
		50	25	22.02	20.45	PASS
		50	50	22.02	20.64	PASS
		100	0	22.02	20.59	PASS
	HCH	1	0	22.02	20.20	PASS
		1	49	22.02	20.70	PASS
		1	99	22.02	20.87	PASS
		50	0	22.02	20.56	PASS
		50	25	22.02	20.58	PASS
		50	50	22.02	20.10	PASS
		100	0	22.02	20.18	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	4.75	<13	PASS
	MCH	4.49	<13	PASS
	HCH	5.45	<13	PASS
16QAM	LCH	5.67	<13	PASS
	MCH	5.36	<13	PASS
	HCH	6.4	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.15	<13	PASS
	MCH	4.78	<13	PASS
	HCH	5.4	<13	PASS
16QAM	LCH	6.02	<13	PASS
	MCH	5.54	<13	PASS
	HCH	6.28	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.34	<13	PASS
	MCH	4.72	<13	PASS
	HCH	5.48	<13	PASS
16QAM	LCH	6.05	<13	PASS
	MCH	5.51	<13	PASS
	HCH	6.2	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.73	<13	PASS
	MCH	4.97	<13	PASS
	HCH	5.15	<13	PASS
16QAM	LCH	6.4	<13	PASS
	MCH	5.72	<13	PASS
	HCH	5.97	<13	PASS

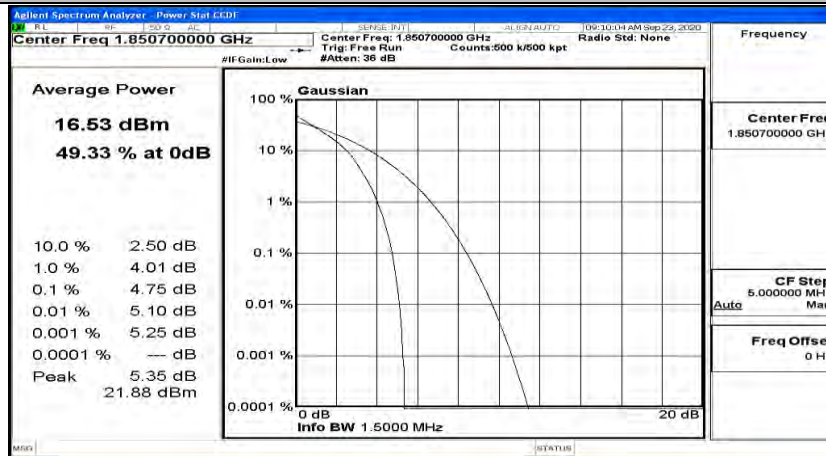
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.23	<13	PASS
	MCH	4.99	<13	PASS
	HCH	4.81	<13	PASS
16QAM	LCH	6.36	<13	PASS
	MCH	6.07	<13	PASS
	HCH	6.01	<13	PASS

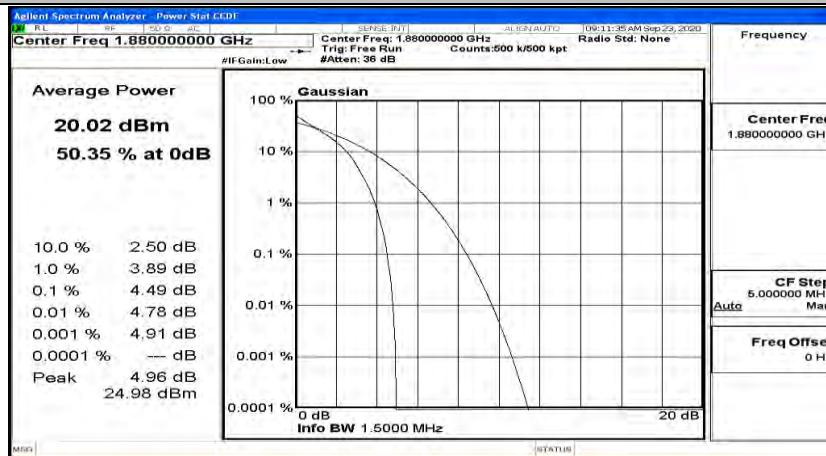
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.81	<13	PASS
	MCH	5.88	<13	PASS
	HCH	5.6	<13	PASS
16QAM	LCH	6.84	<13	PASS
	MCH	6.63	<13	PASS
	HCH	6.56	<13	PASS

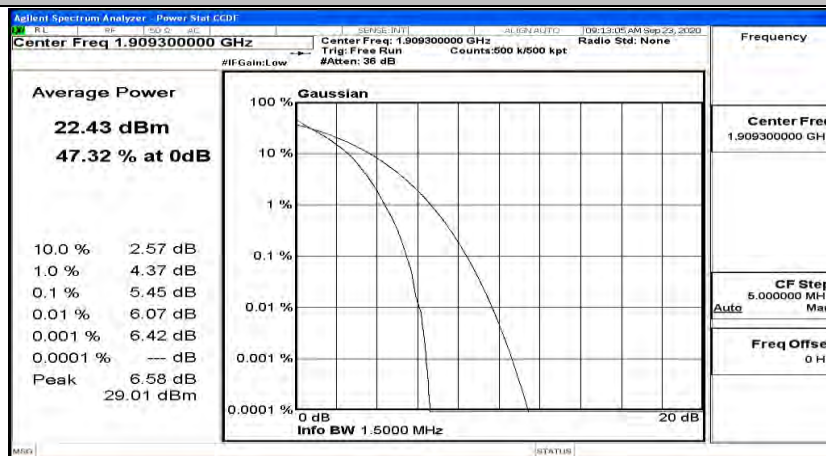
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



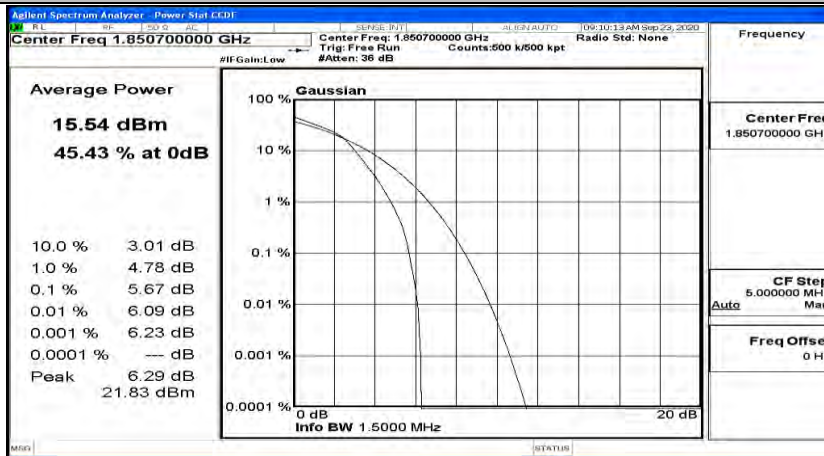
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



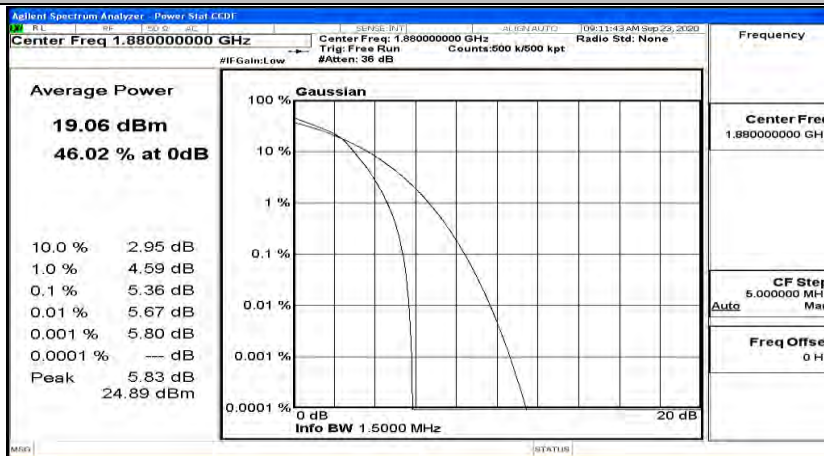
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



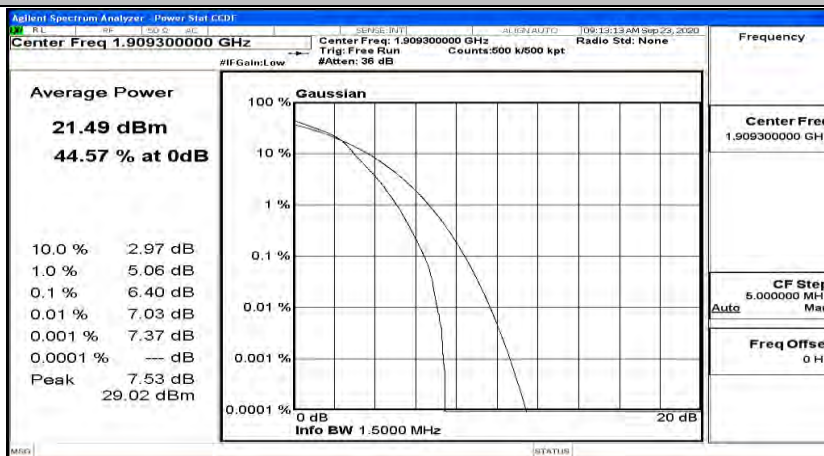
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



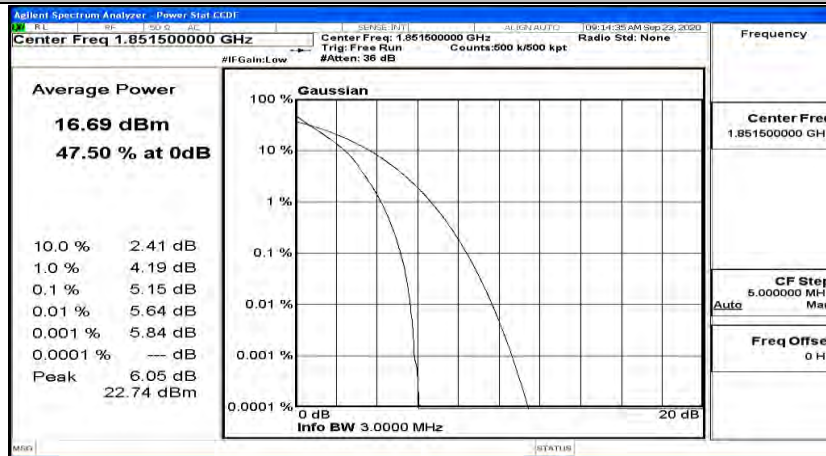
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



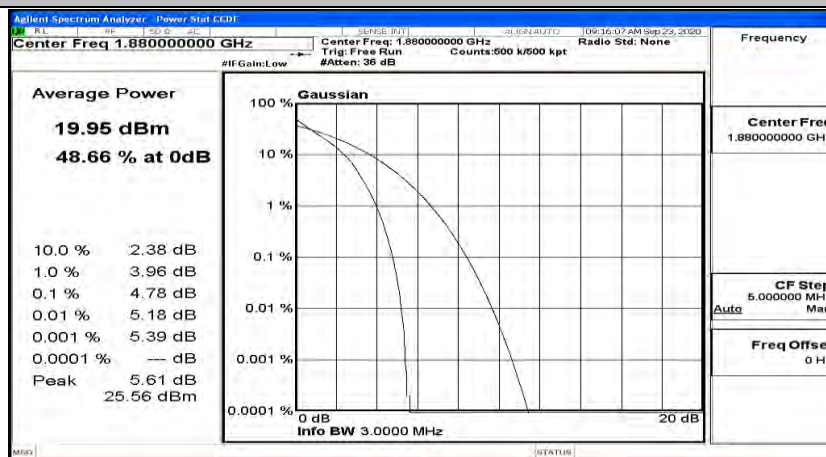
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



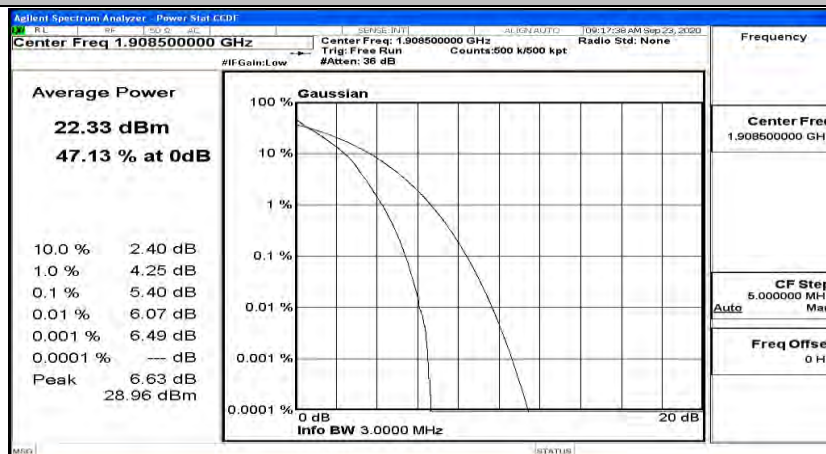
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



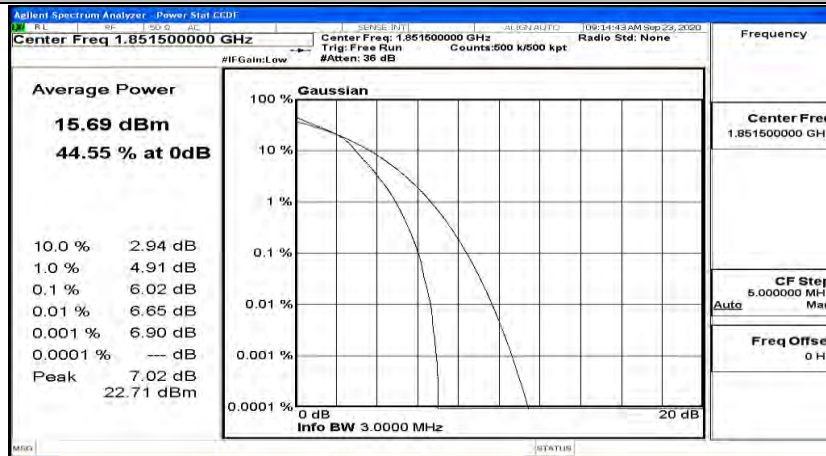
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



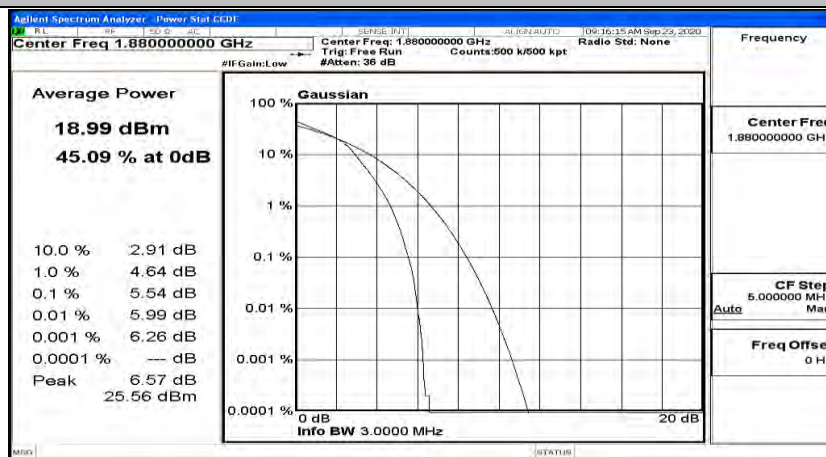
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



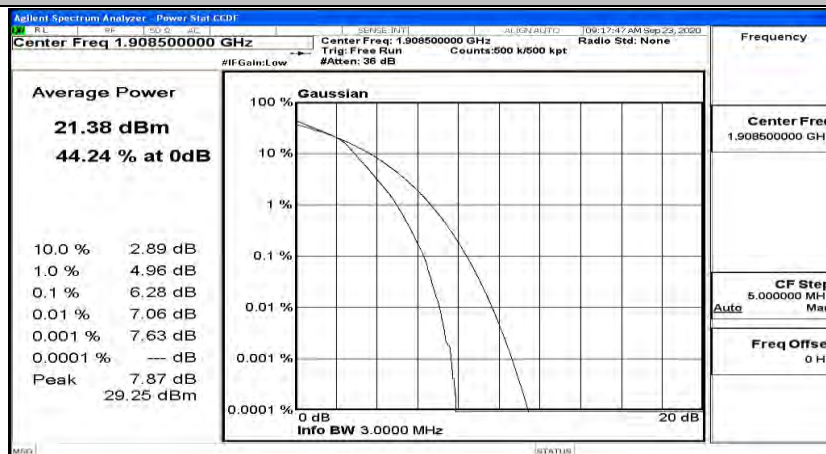
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



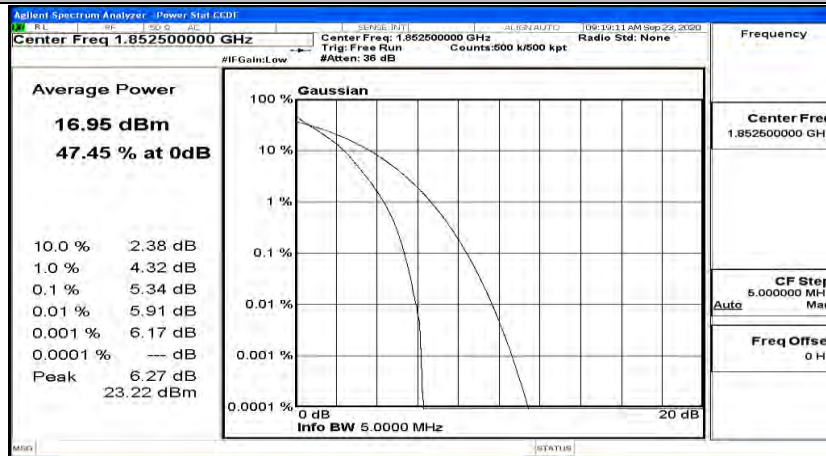
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



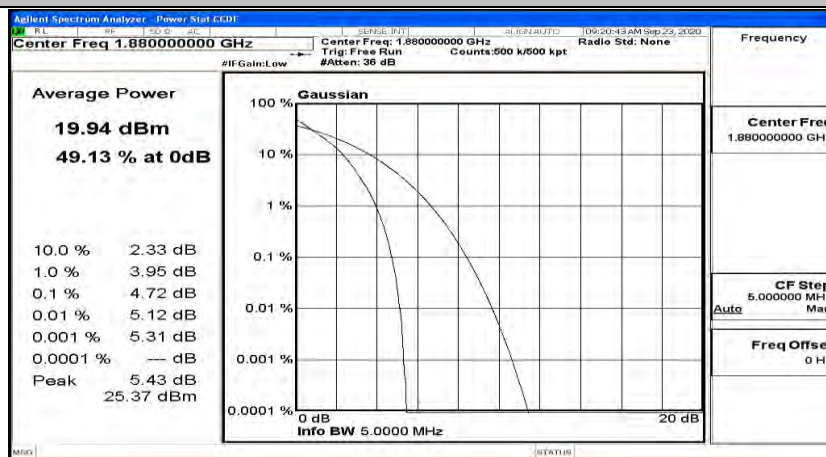
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



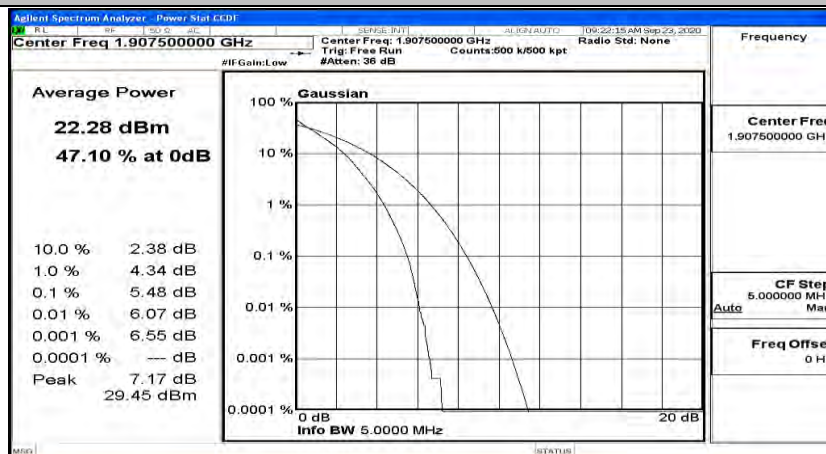
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



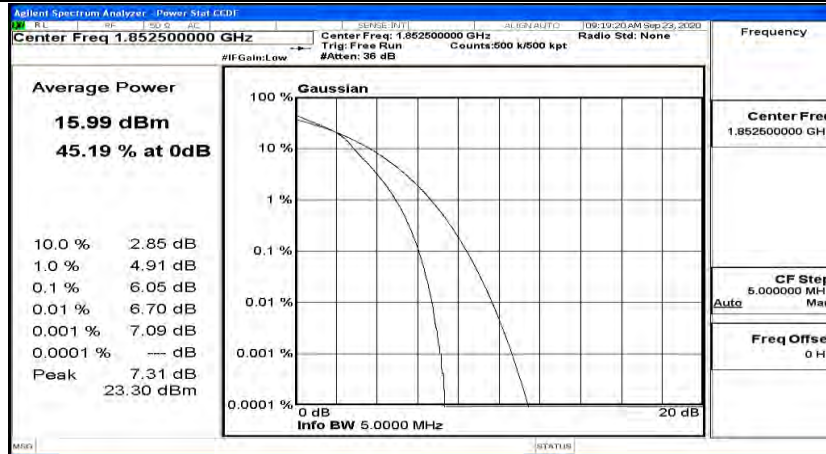
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



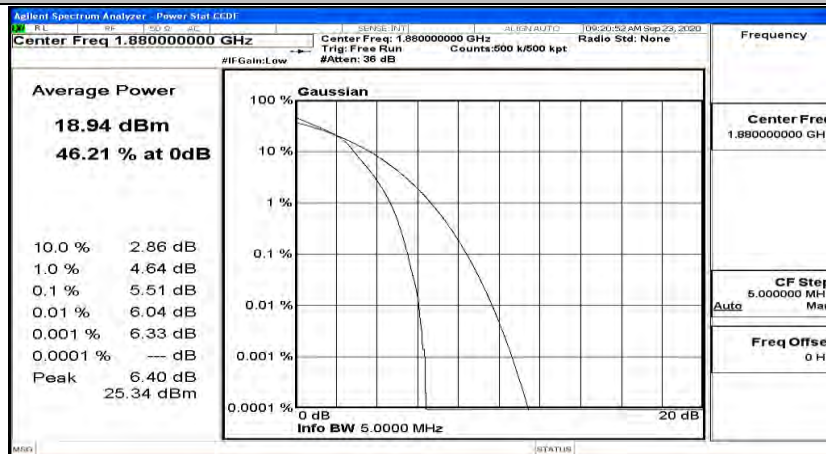
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



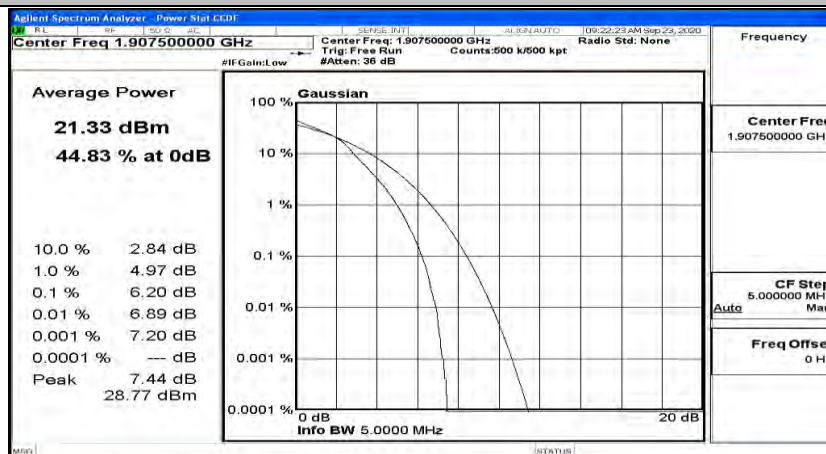
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



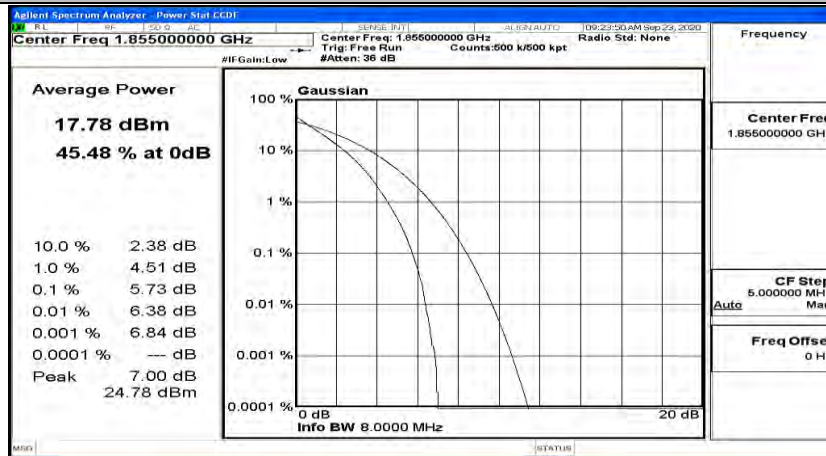
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



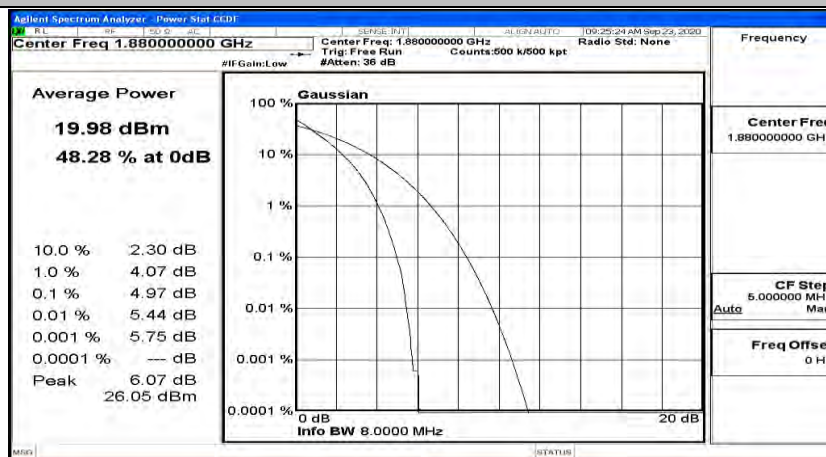
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



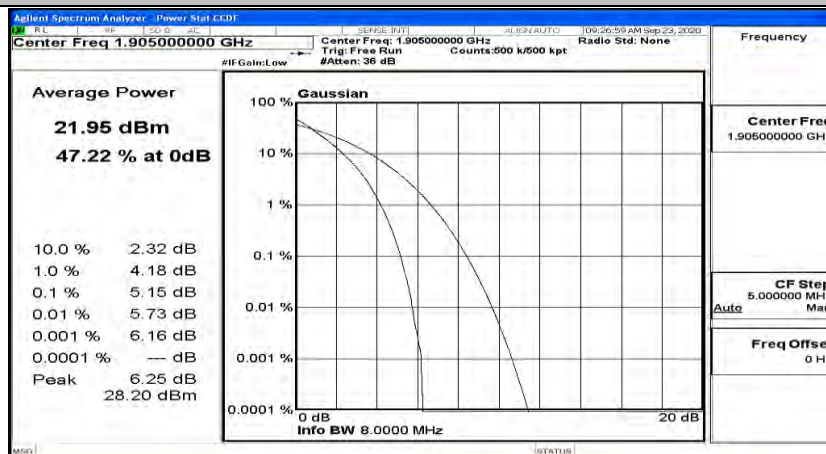
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) _LCH_QPSK



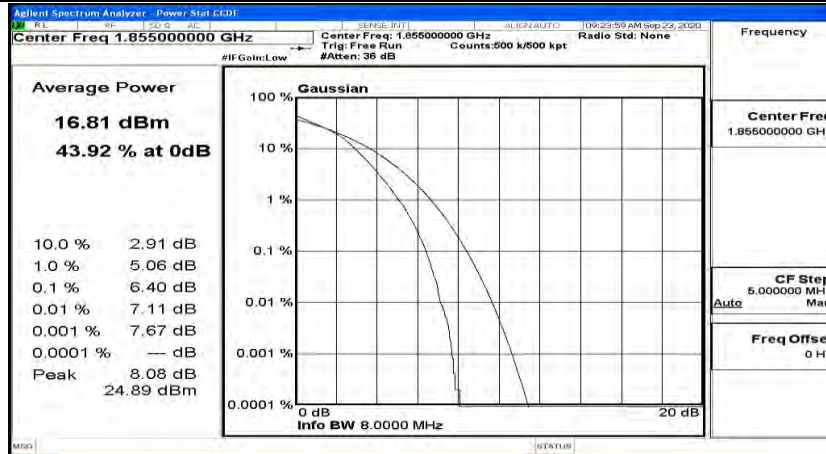
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) _MCH_QPSK



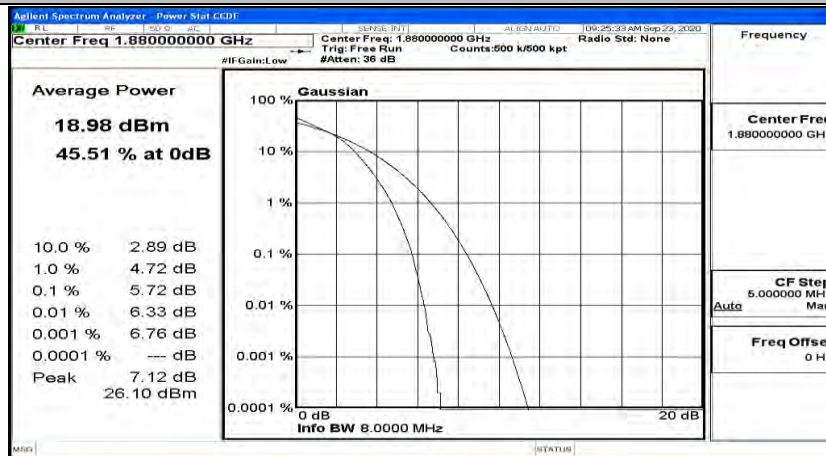
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) _HCH_QPSK



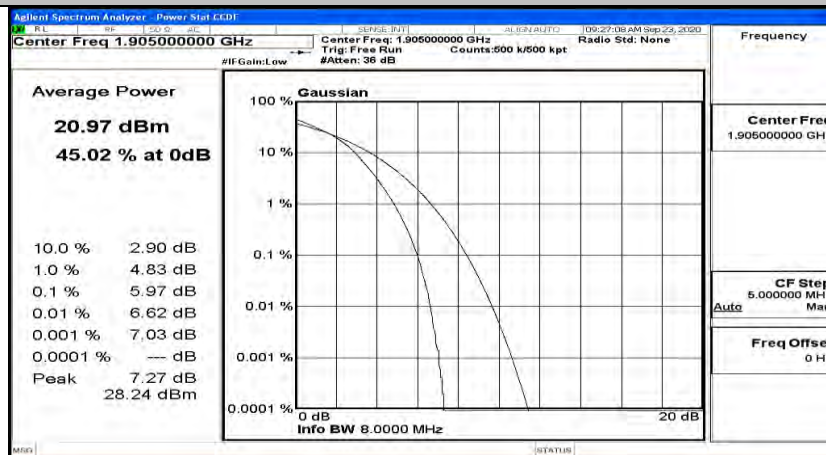
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



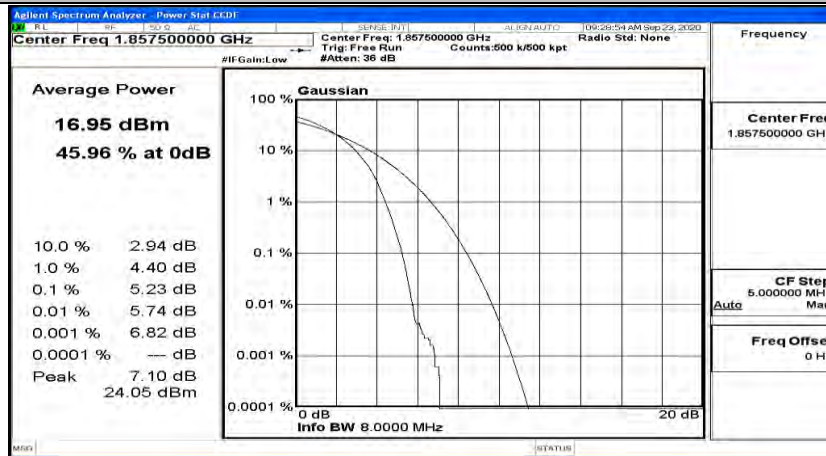
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



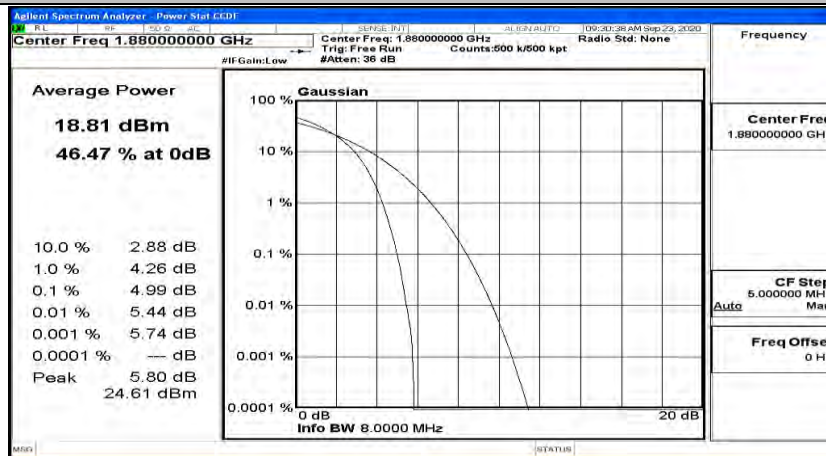
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



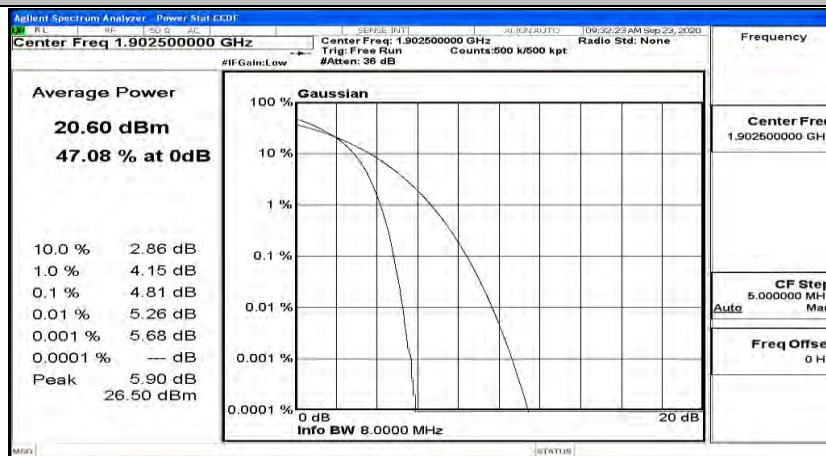
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



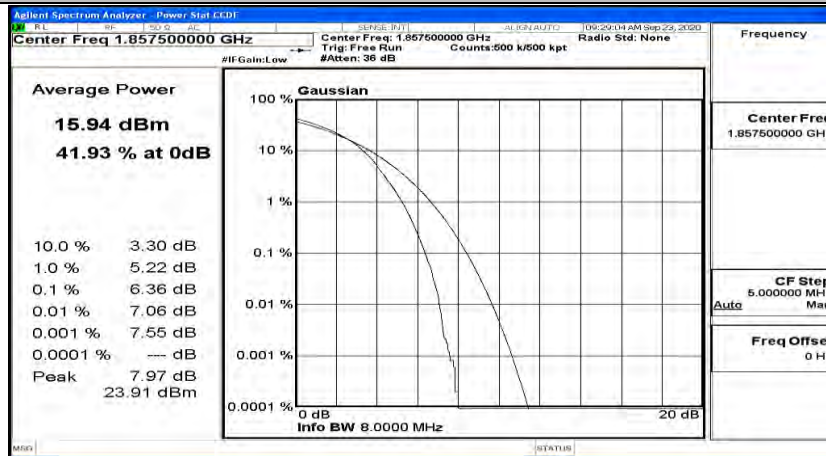
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



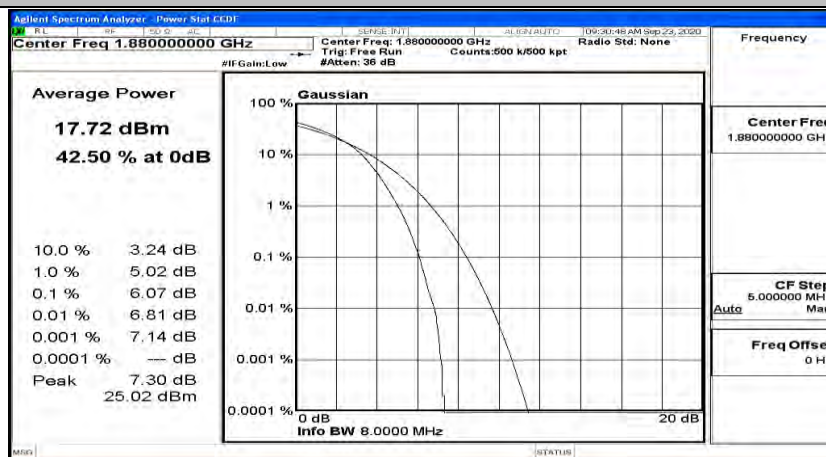
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



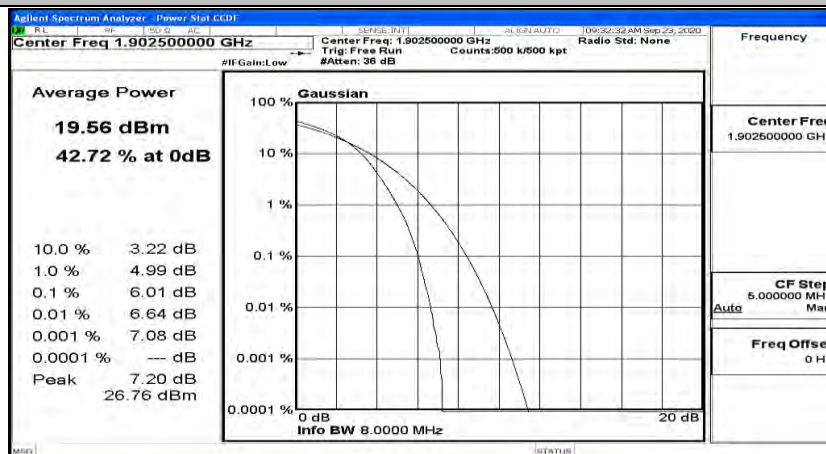
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



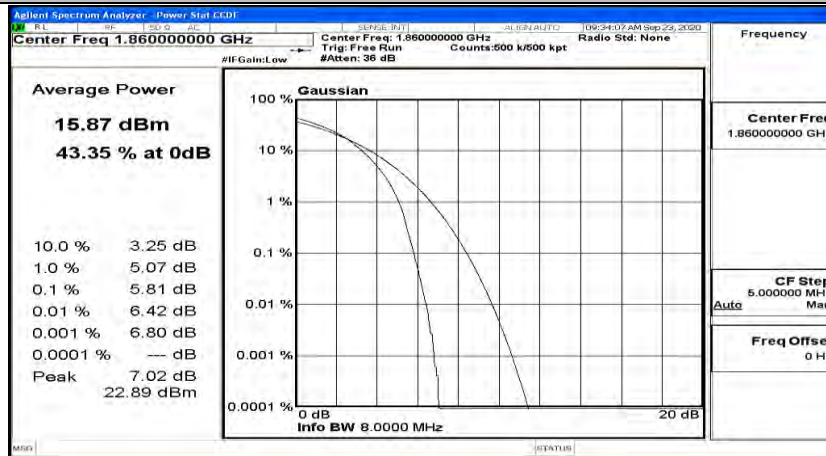
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



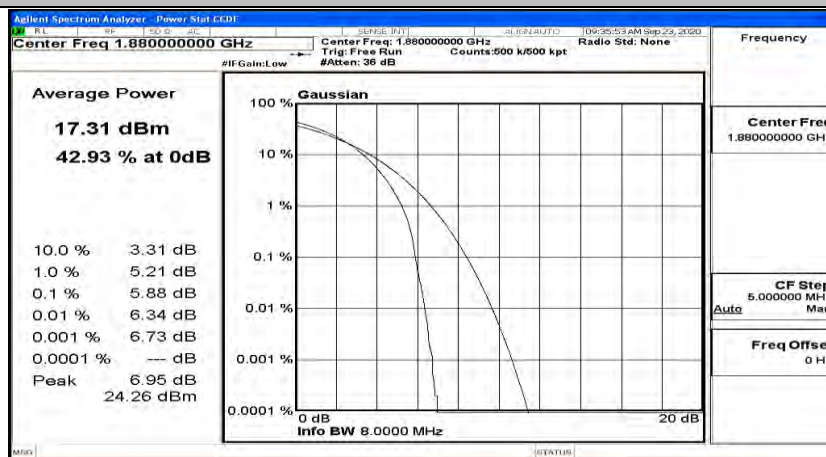
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



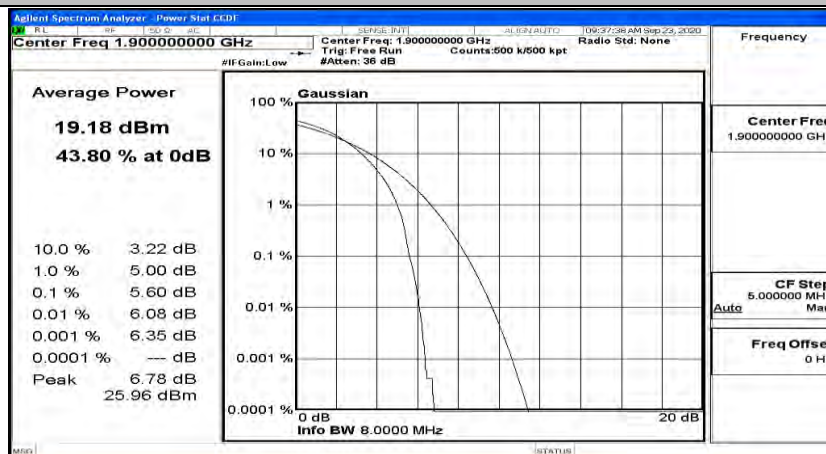
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



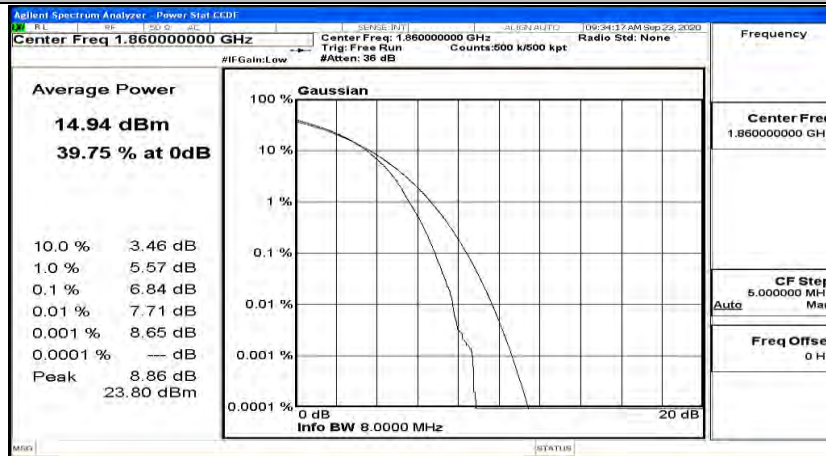
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



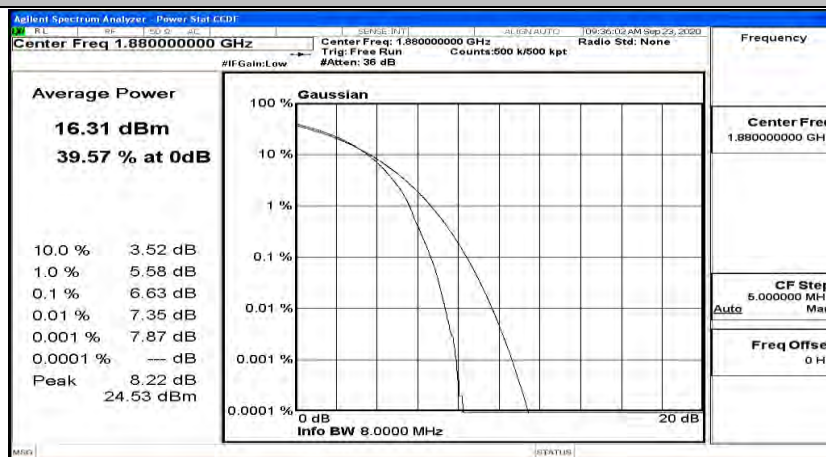
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



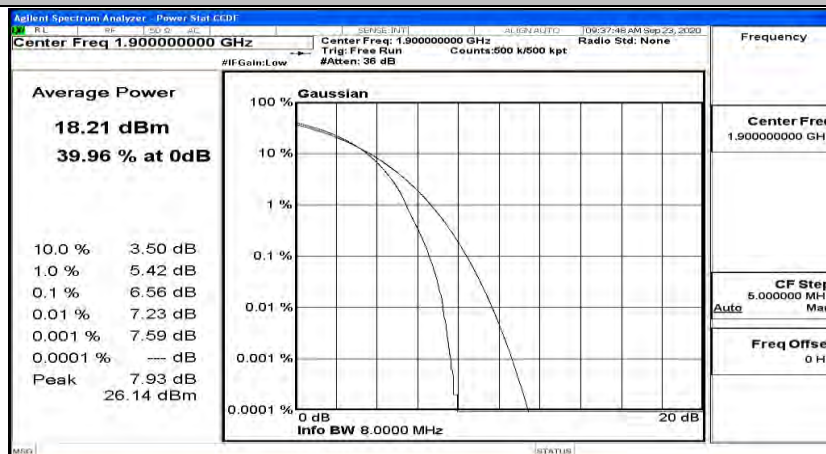
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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	1.0735	1.229	PASS
	MCH	1.0779	1.229	PASS
	HCH	1.0764	1.231	PASS
16QAM	LCH	1.0790	1.244	PASS
	MCH	1.0750	1.220	PASS
	HCH	1.0788	1.247	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6781	2.834	PASS
	MCH	2.6815	2.838	PASS
	HCH	2.6791	2.817	PASS
16QAM	LCH	2.6806	2.835	PASS
	MCH	2.6839	2.840	PASS
	HCH	2.6821	2.825	PASS

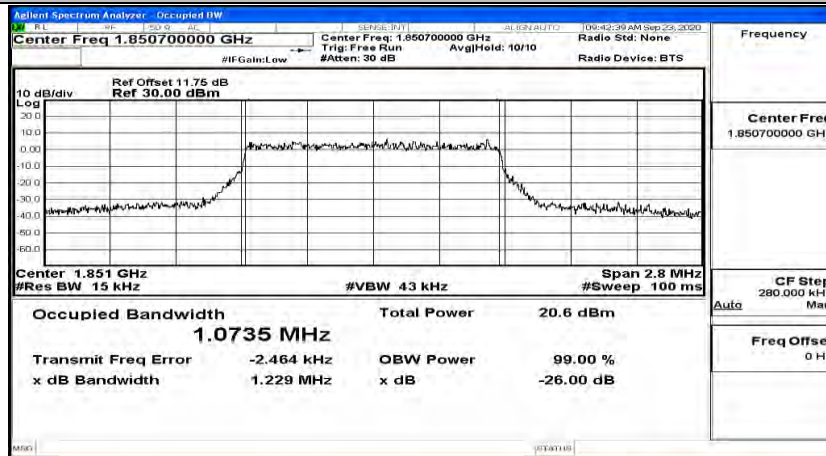
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4799	4.897	PASS
	MCH	4.4806	4.892	PASS
	HCH	4.4788	4.848	PASS
16QAM	LCH	4.4812	4.847	PASS
	MCH	4.4778	4.852	PASS
	HCH	4.4774	4.913	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9546	9.581	PASS
	MCH	8.9470	9.417	PASS
	HCH	8.9383	9.555	PASS
16QAM	LCH	8.9637	9.579	PASS
	MCH	8.9386	9.506	PASS
	HCH	8.9273	9.417	PASS

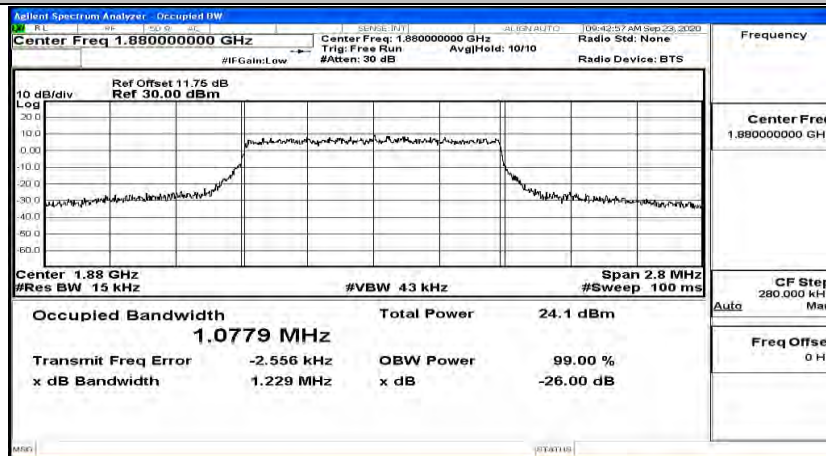
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.430	14.14	PASS
	MCH	13.413	14.15	PASS
	HCH	13.362	13.97	PASS
16QAM	LCH	13.434	14.31	PASS
	MCH	13.402	14.17	PASS
	HCH	13.366	14.05	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.885	18.66	PASS
	MCH	17.902	18.58	PASS
	HCH	17.779	18.53	PASS
16QAM	LCH	17.891	18.63	PASS
	MCH	17.866	18.70	PASS
	HCH	17.786	18.50	PASS

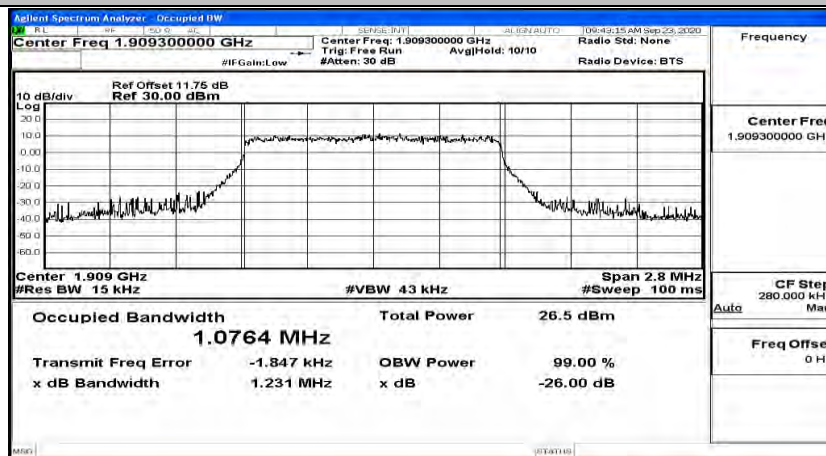
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



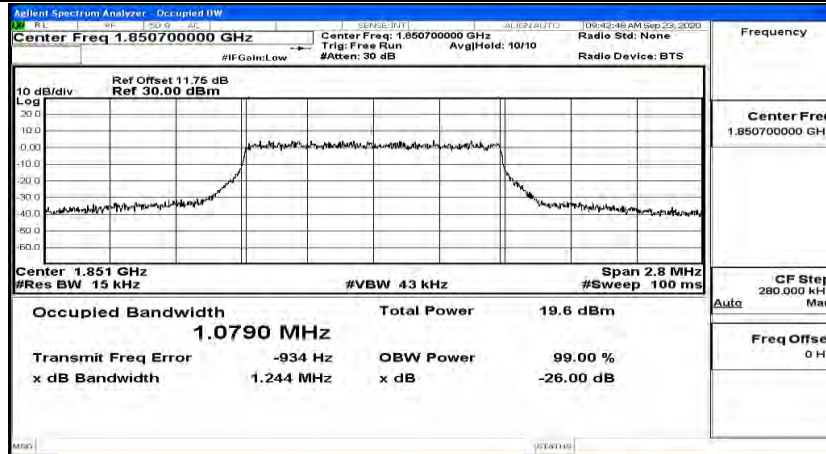
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



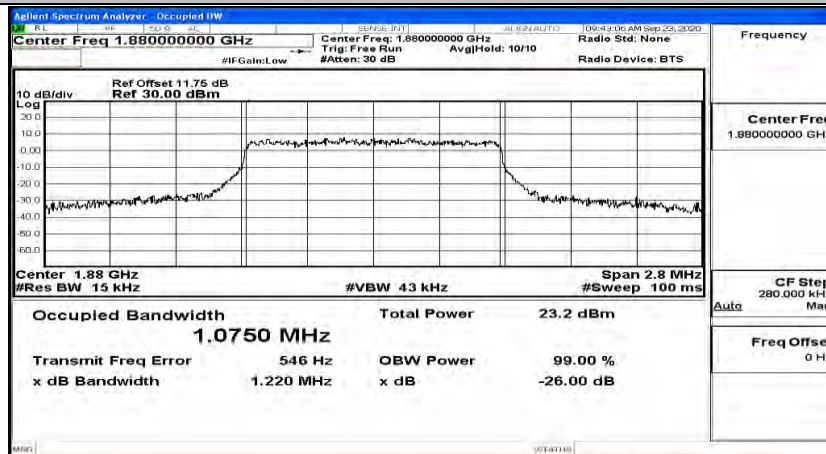
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



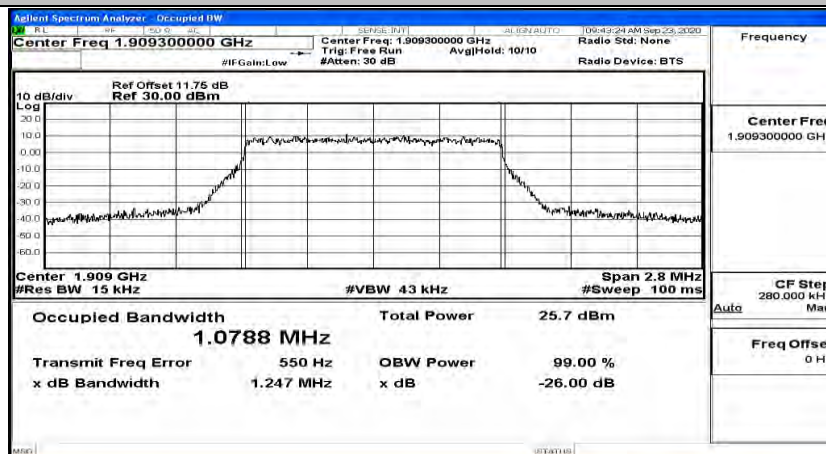
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz) LCH_16QAM



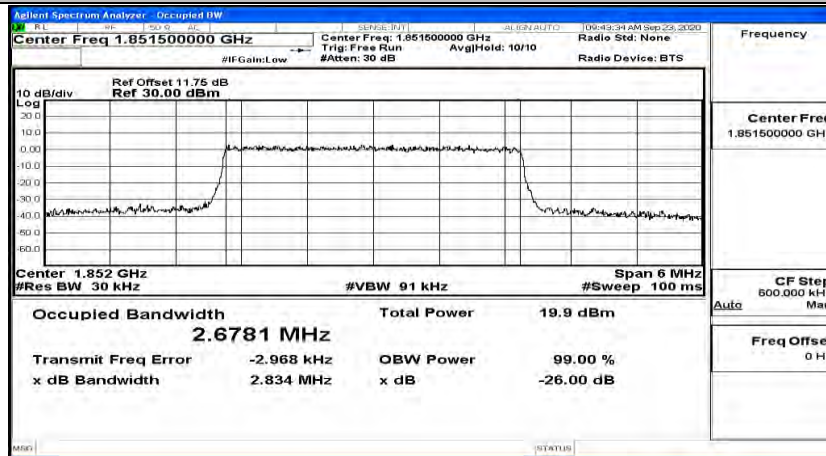
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz) MCH_16QAM



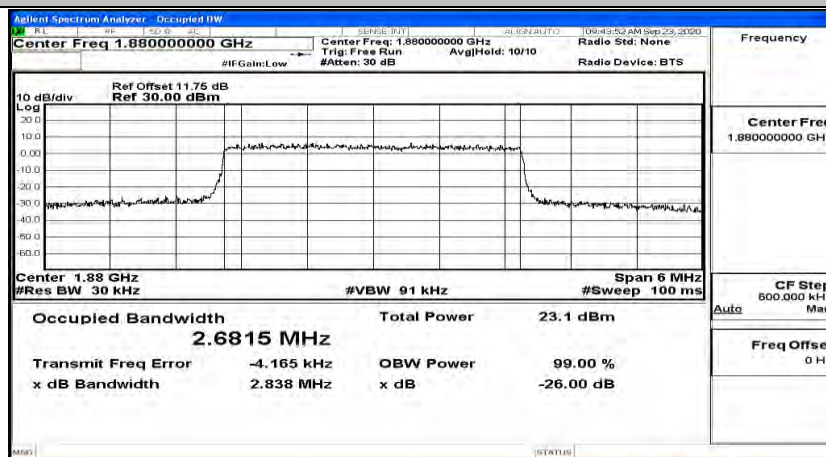
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz) HCH_16QAM



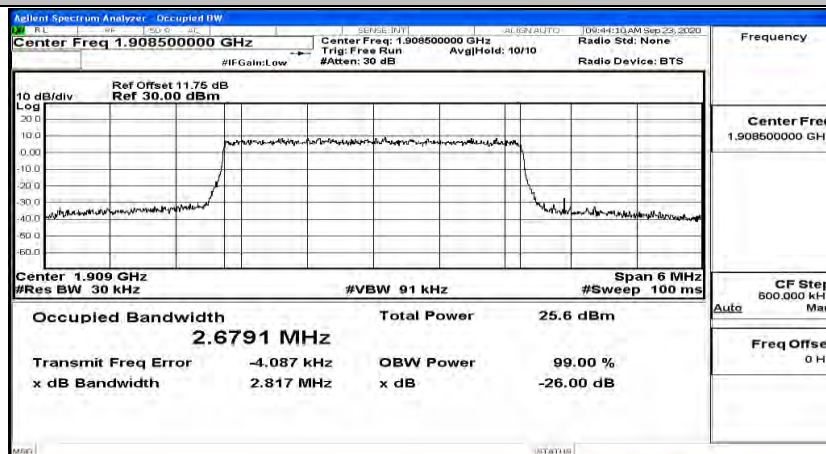
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



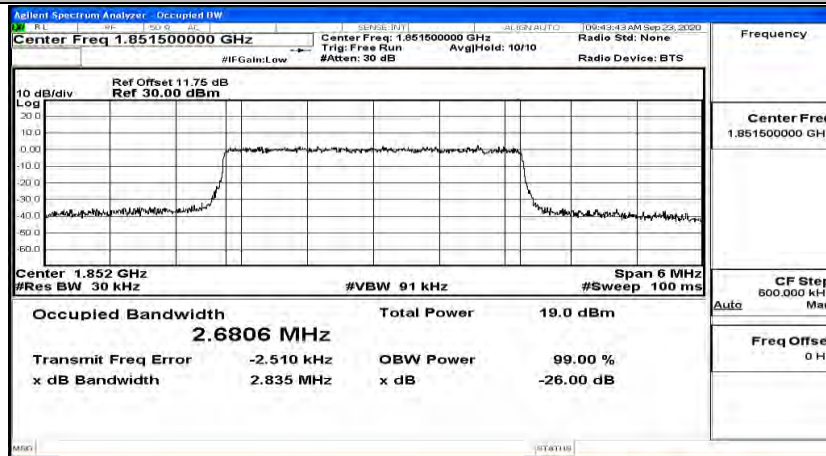
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



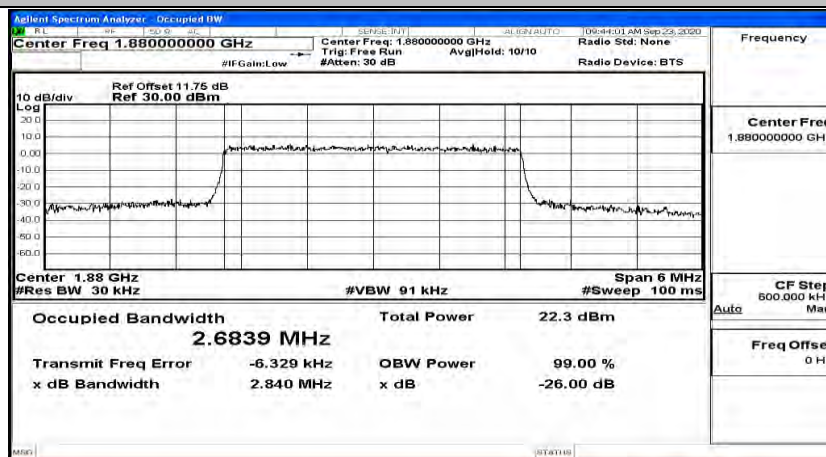
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



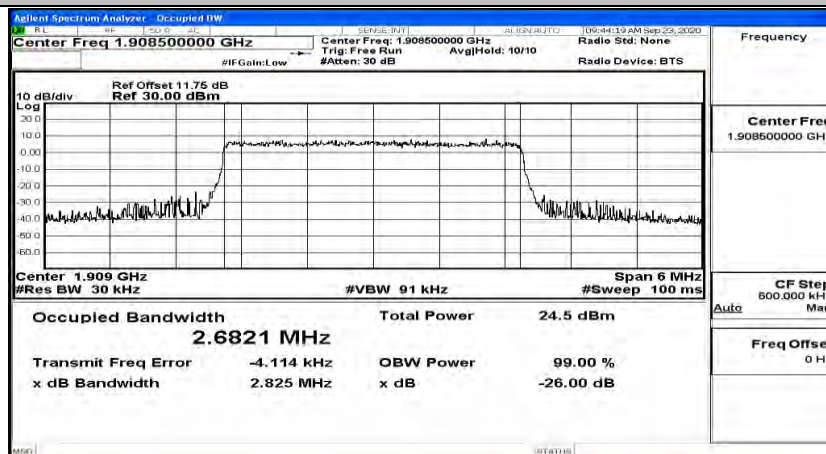
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



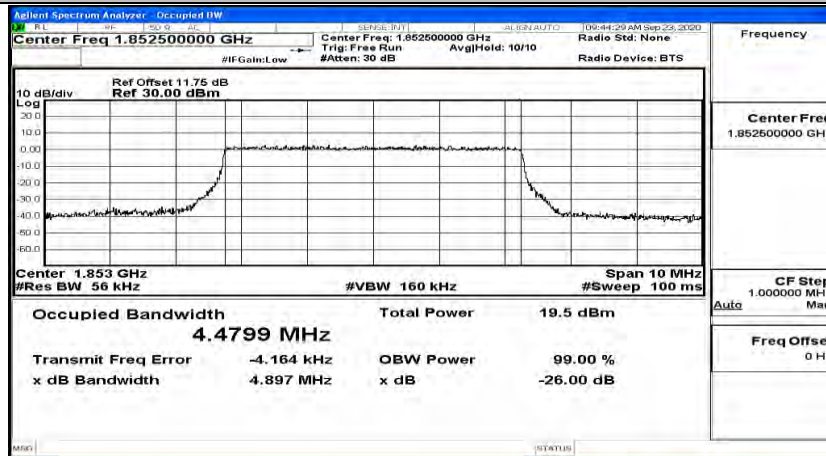
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



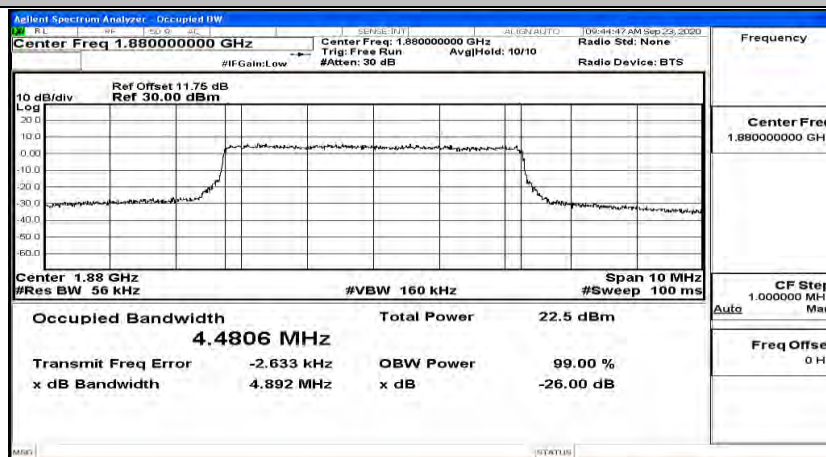
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



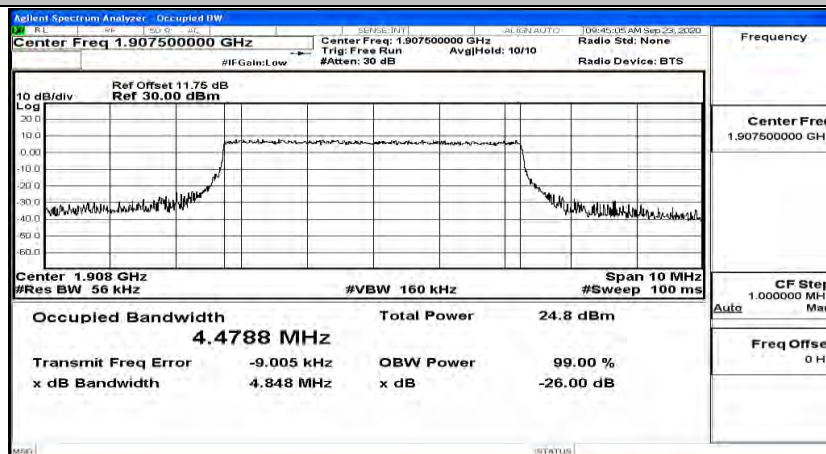
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



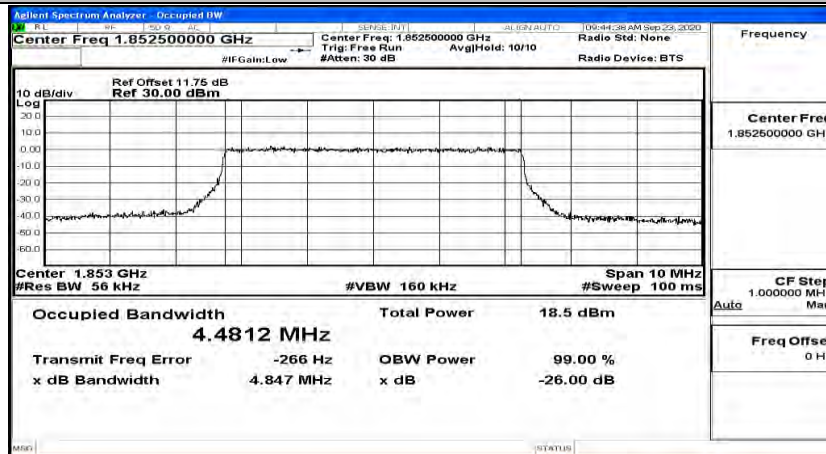
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



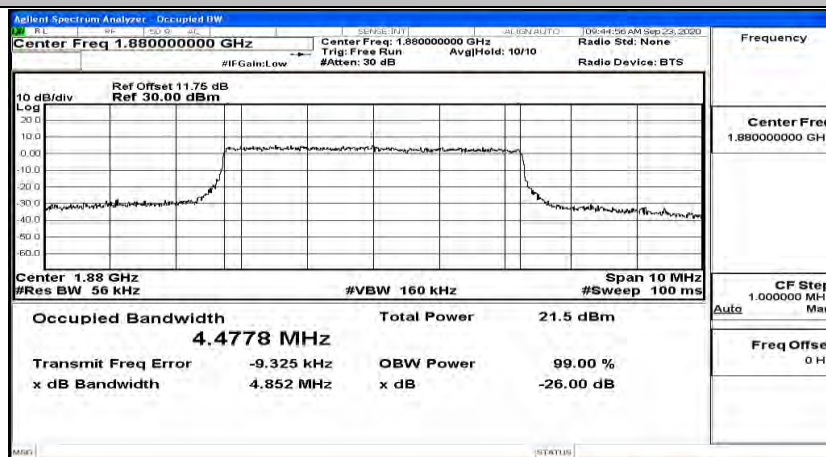
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



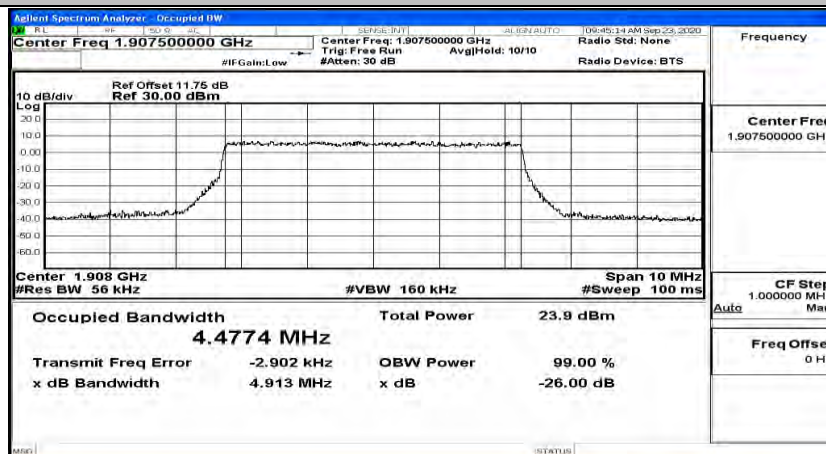
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



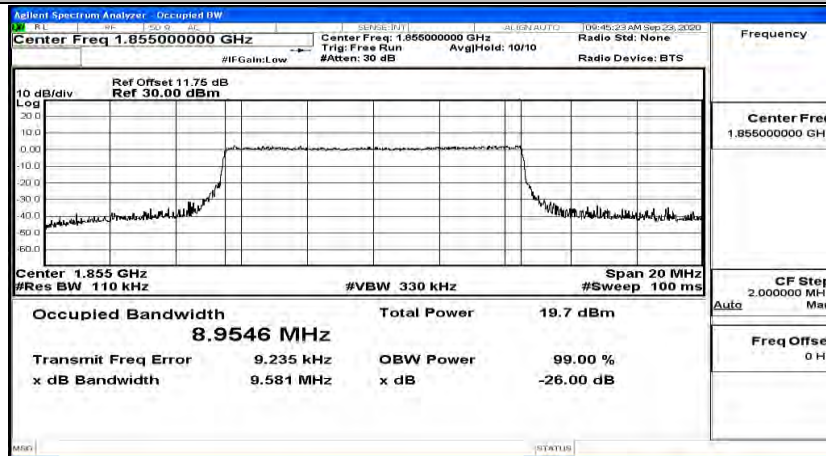
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



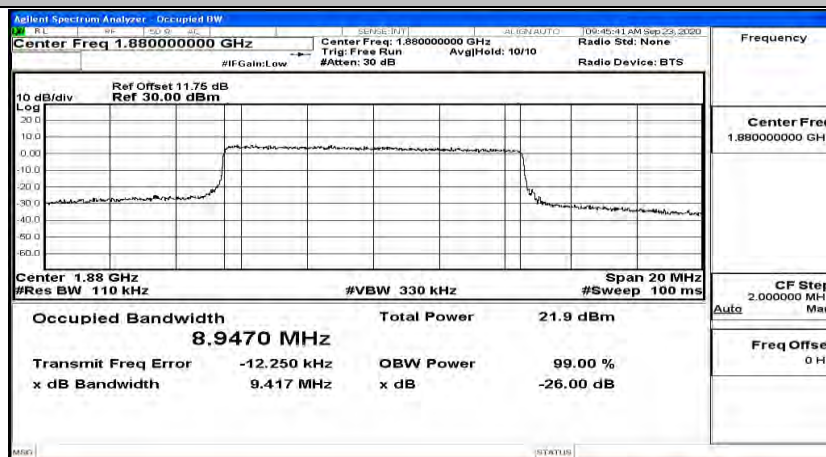
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



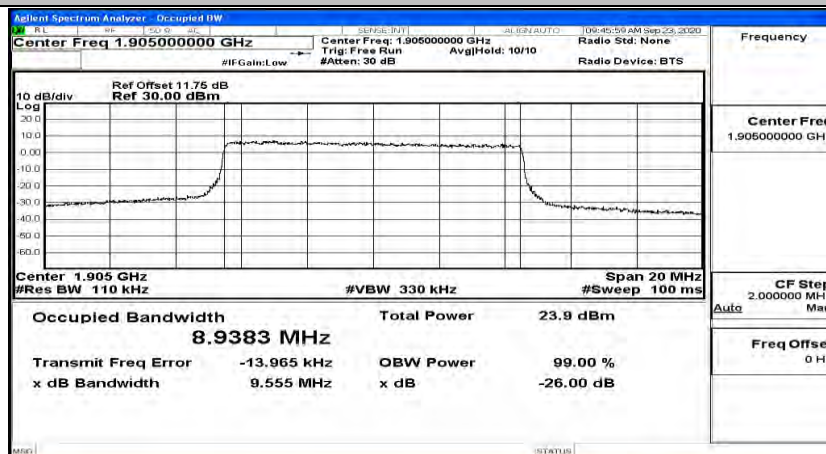
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



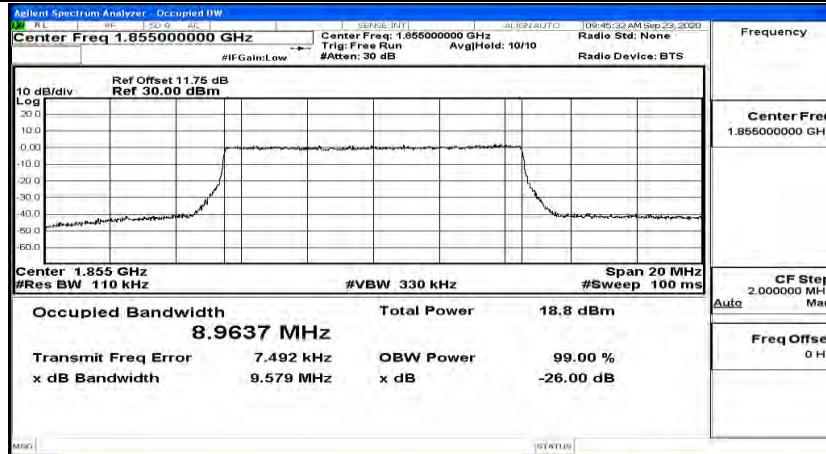
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



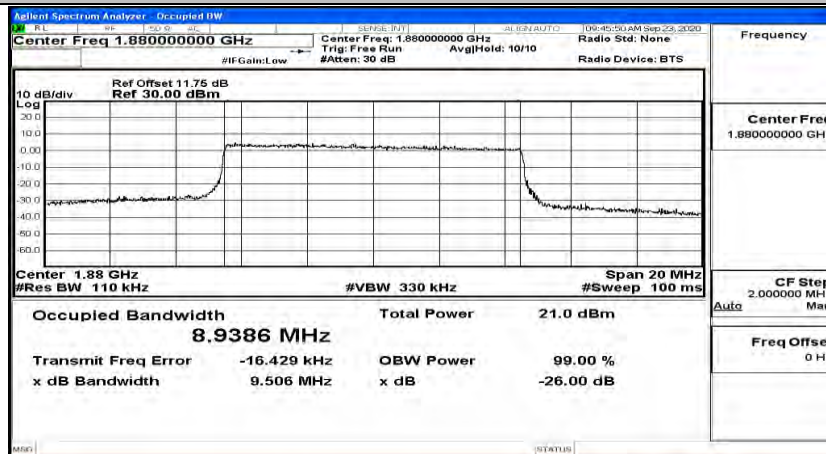
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



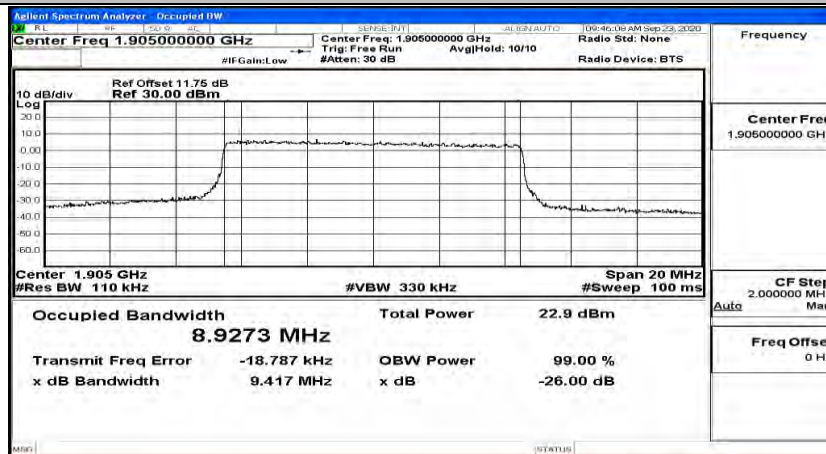
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



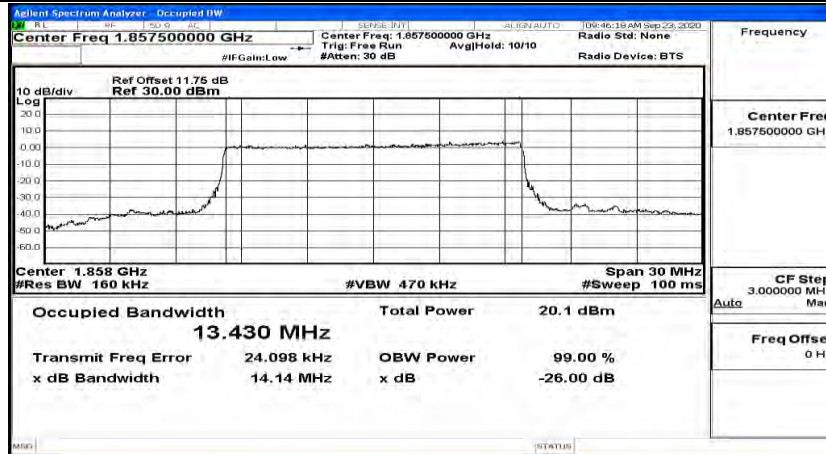
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



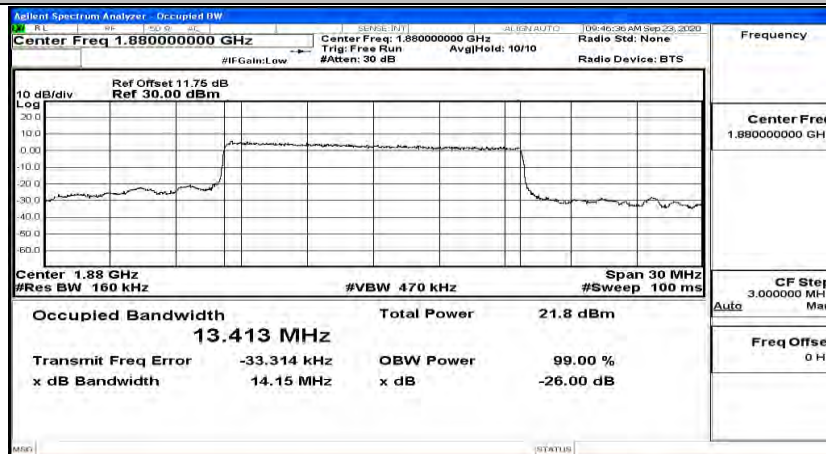
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



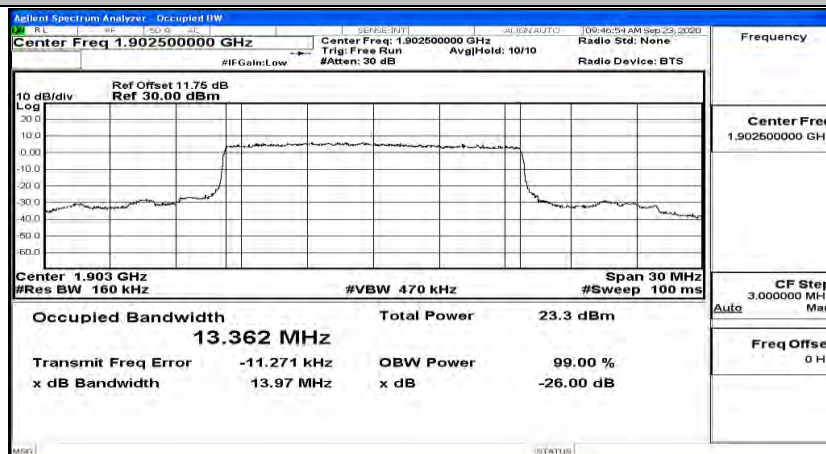
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



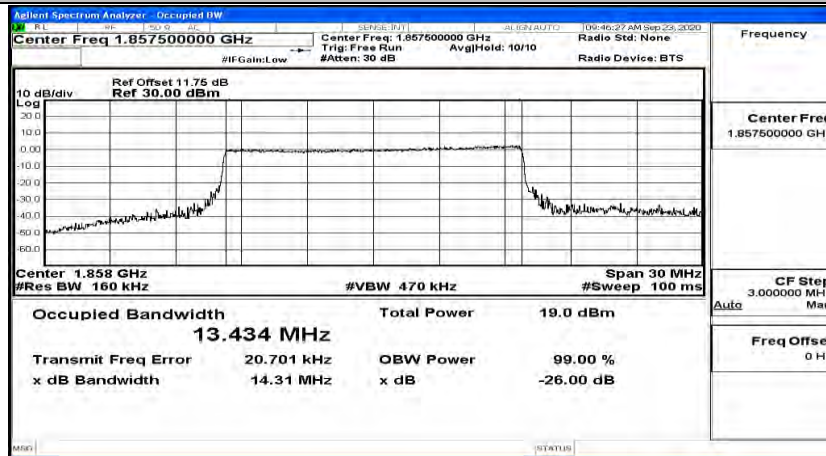
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



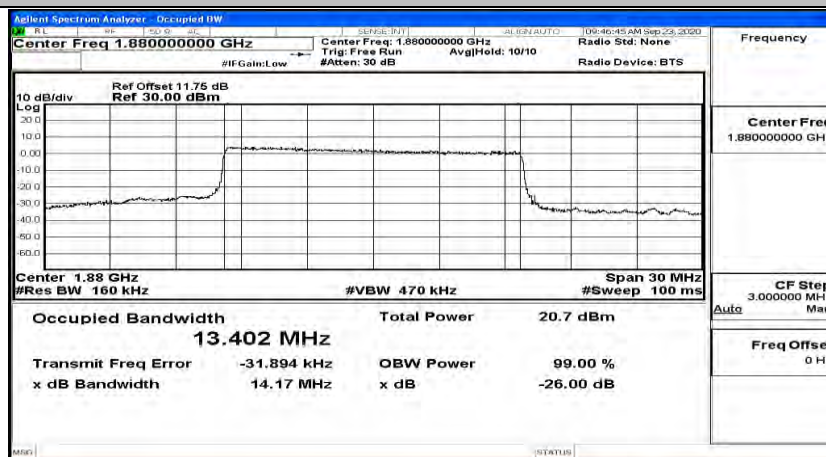
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



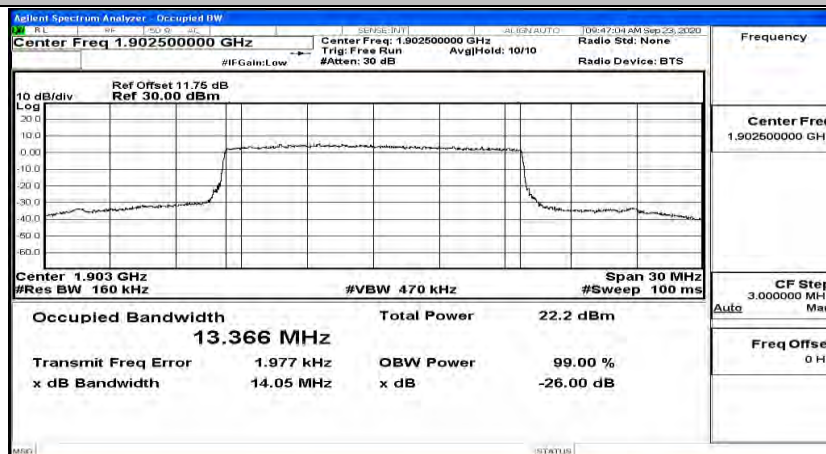
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



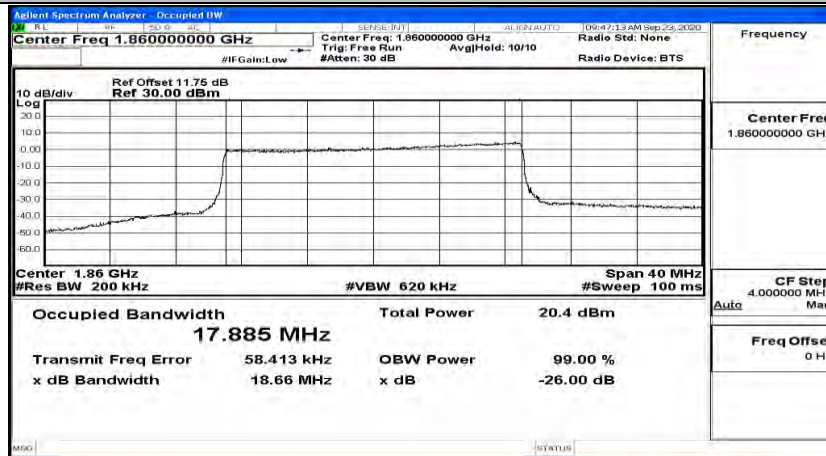
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



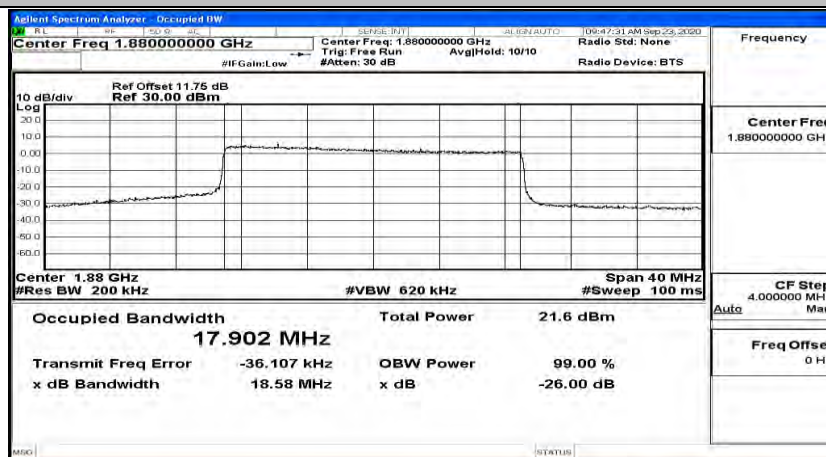
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



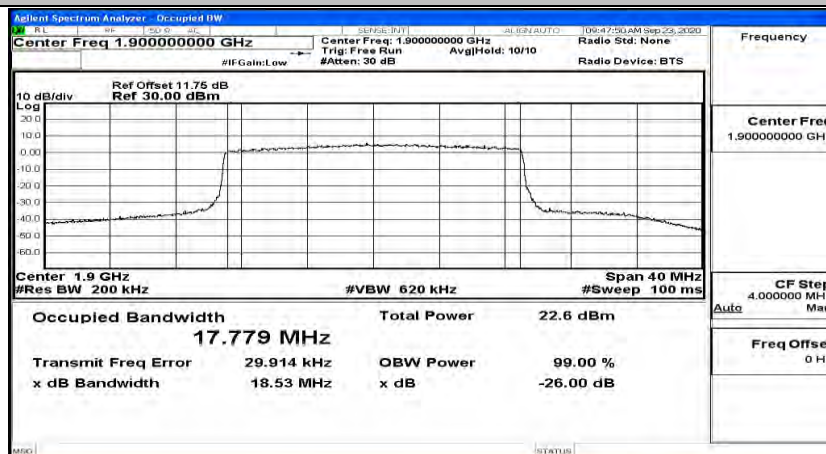
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



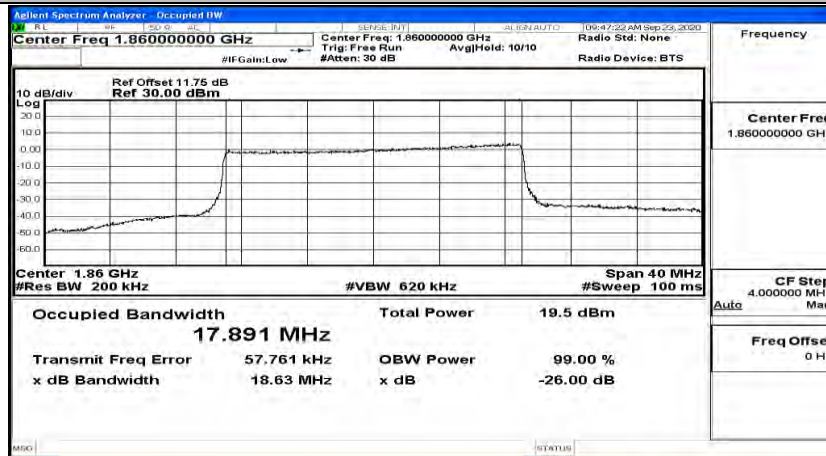
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



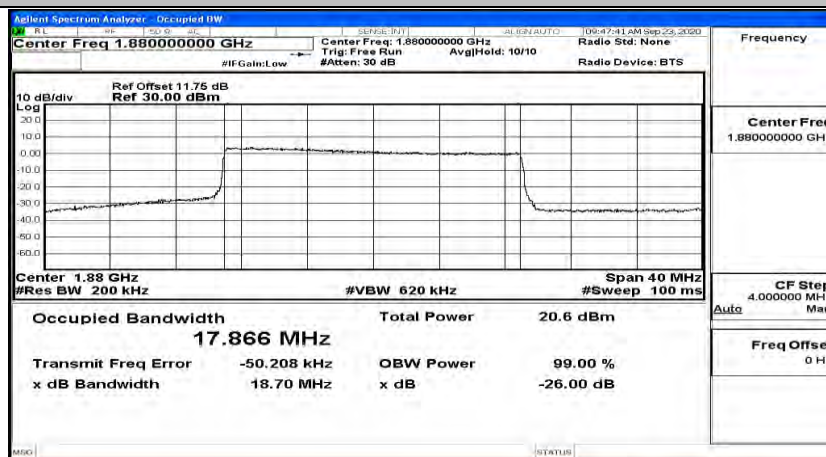
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



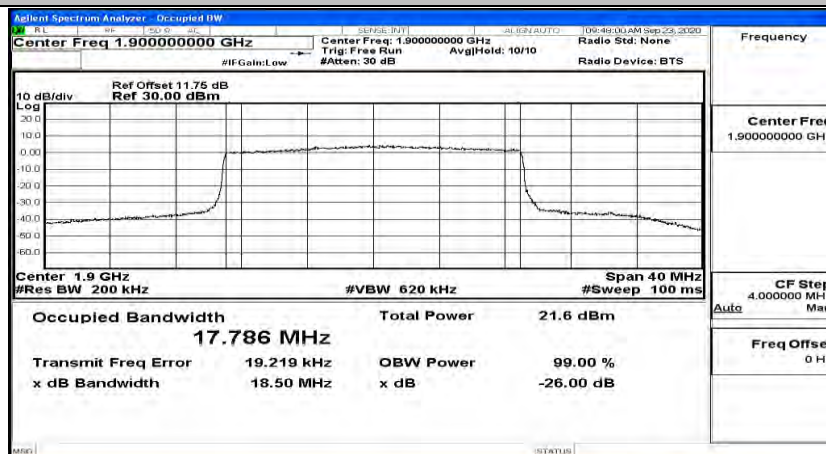
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

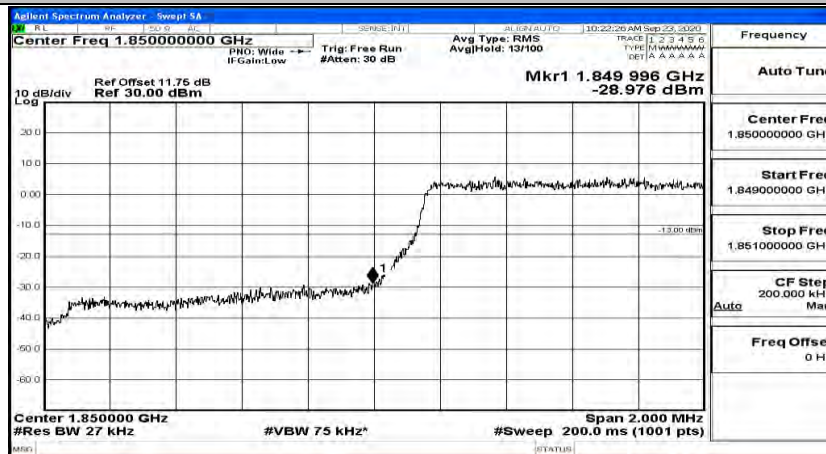


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

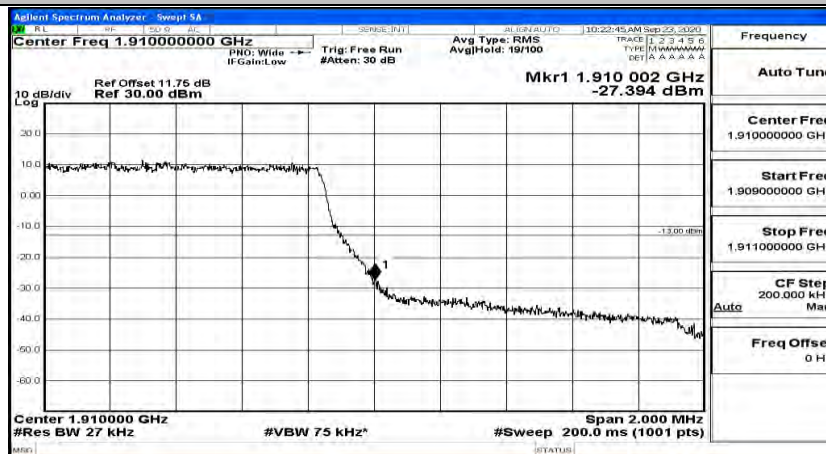


D.4 Band Edge

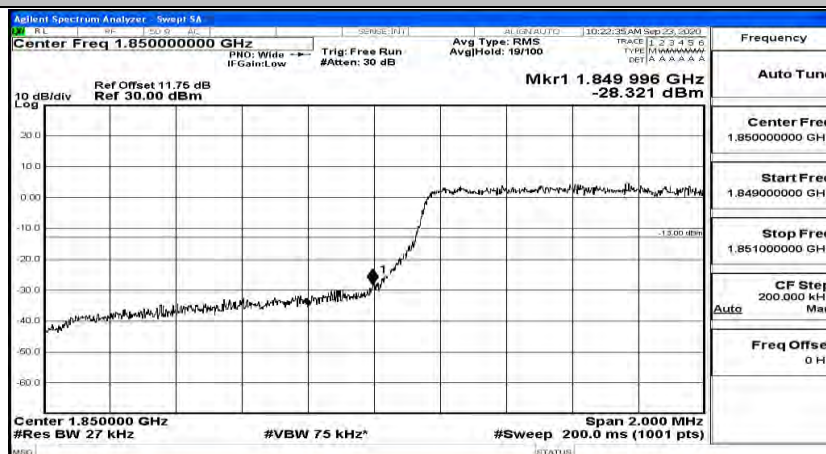
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



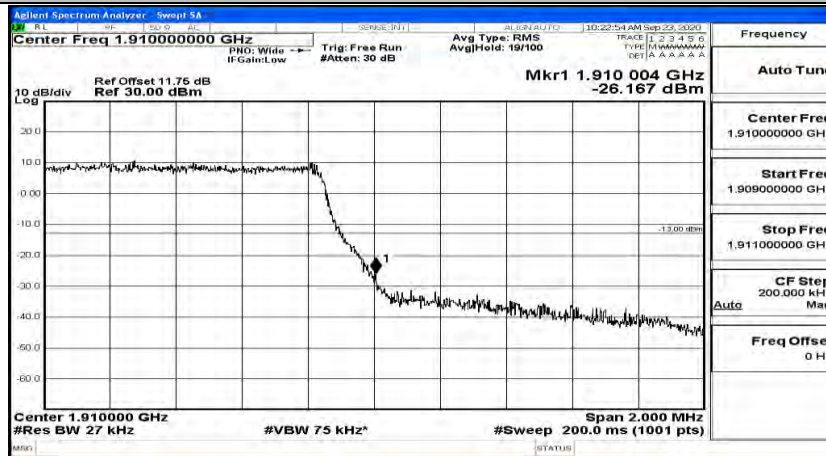
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



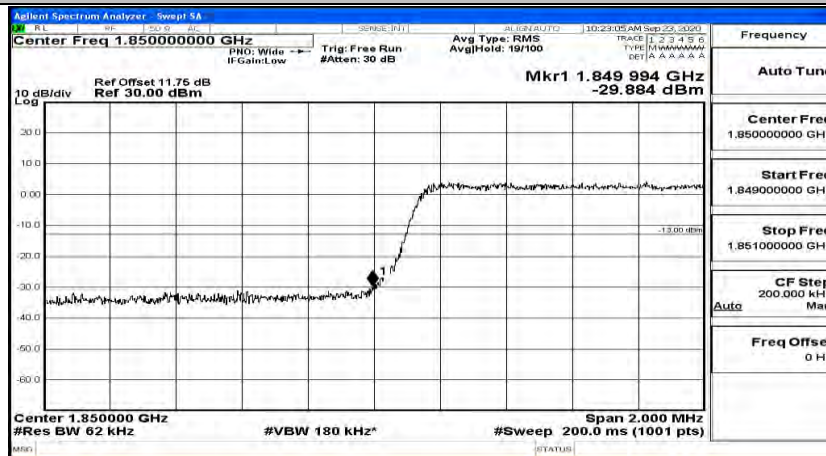
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



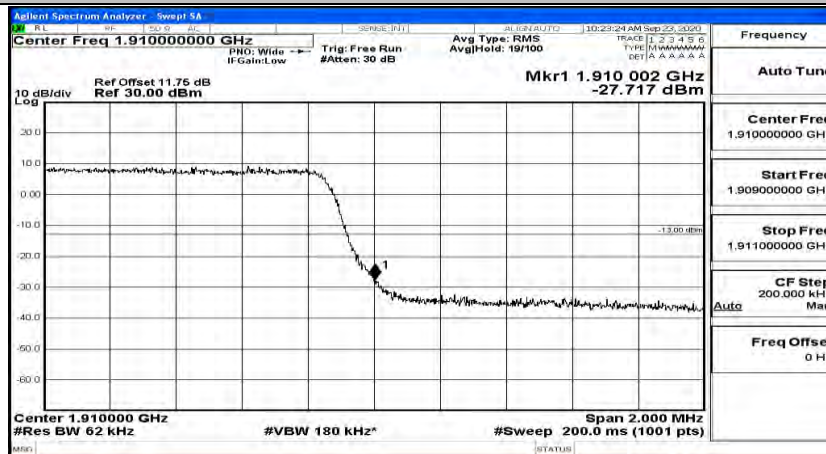
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



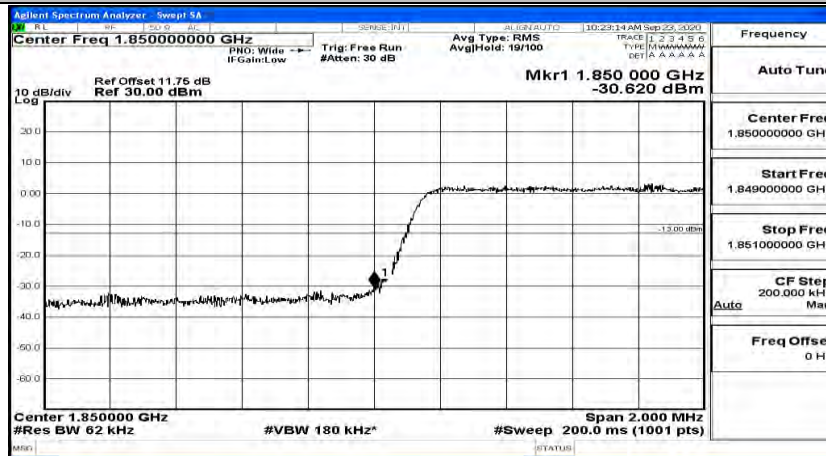
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



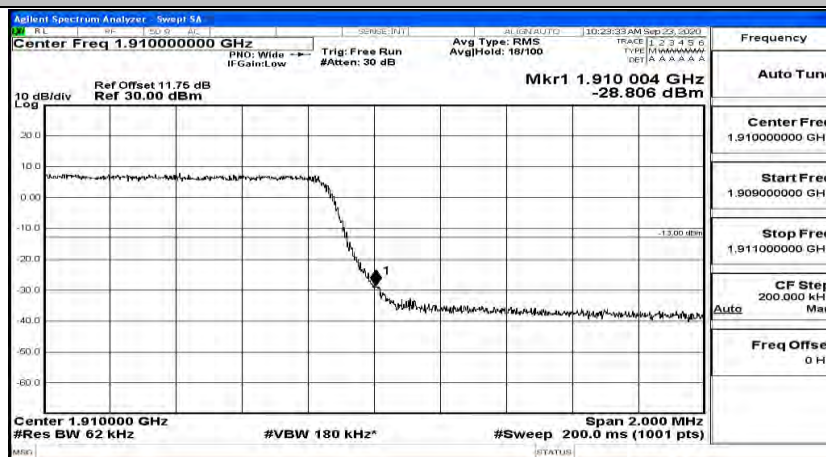
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



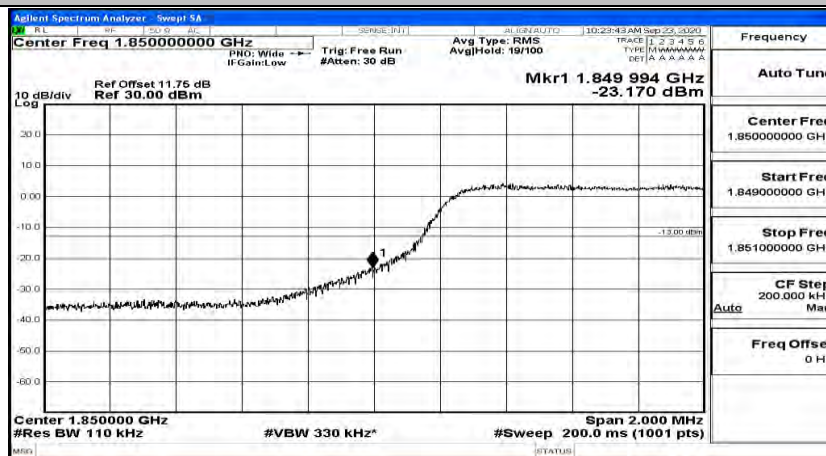
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



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



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



Center Freq 1.910000000 GHz
Ref Offset 11.75 dB
Ref 30.00 dBm
Span 2.000 MHz
#Res BW 100 kHz
#VBW 300 kHz
#Sweep 200.0 ms (1001 pts)

Auto Tuning
Center Freq 1.910000000 GHz
Start Freq 1.909000000 GHz
Stop Freq 1.911000000 GHz
CF Step 200.00 kHz
Auto
Freq Offset 0 Hz

Agilent Spectrum Analyzer - Sweep 5A

Center Freq 1.850000000 GHz

PRO: Wide -> IF Gain: Low

Trig: Free Run #Atten: 30 dB

Avg Type: RMS Avg/Hold: 19/100

10:23:53 AM Sep 22, 2009

TRACE 1 2 3 4 5 6

TYPE: [MA] [MA] [MA] [MA] [MA] [MA]

DET: [A] [A] [A] [A] [A] [A]

Frequency

Auto Tun

Center Freq 1.850000000 GHz

Start Freq 1.849000000 GHz

Stop Freq 1.851000000 GHz

CF Step 200.000 kHz

Auto

Man

Freq Offset 0 Hz

10 dB/div

Ref Offset 11.75 dB

Ref 30.00 dBm

Mkr1 1.849 992 GHz

-24.426 dBm

13.00 dBm

Center 1.850000 GHz

#Res BW 100 kHz

#VBW 300 kHz*

Span 2.000 MHz

#Sweep 200.0 ms (1001 pts)

MISO

STATUS

Agilent Spectrum Analyzer - Sweep SA

Center Freq 1.910000000 GHz

PRO: Wide -> IF Gain: Low

Trig: Free Run #Atten: 30 dB

Avg Type: RMS Avg/Hold: 19/100

Trace 1 2 3 4 5 6

TYPE: W W W W W W W W

DET: R A A A A A A

Frequency

Auto Tun

Mkr1 1.910 000 GHz -21.563 dBm

10 dB/div

Ref Offset 11.75 dB

Ref 30.00 dBm

Log

20.00

10.00

0.00

-10.00

-20.00

-30.00

-40.00

-50.00

-60.00

1

-13.00 dBm

Center Freq 1.91000000 GHz

Start Freq 1.909000000 GHz

Stop Freq 1.911000000 GHz

CF Step 200.00 kHz

Auto

Man

Freq Offset 0 Hz

Center 1.910000 GHz

#Res BW 110 kHz

#VBW 330 kHz

Span 2.000 MHz

#Sweep 200.0 ms (1001 pts)

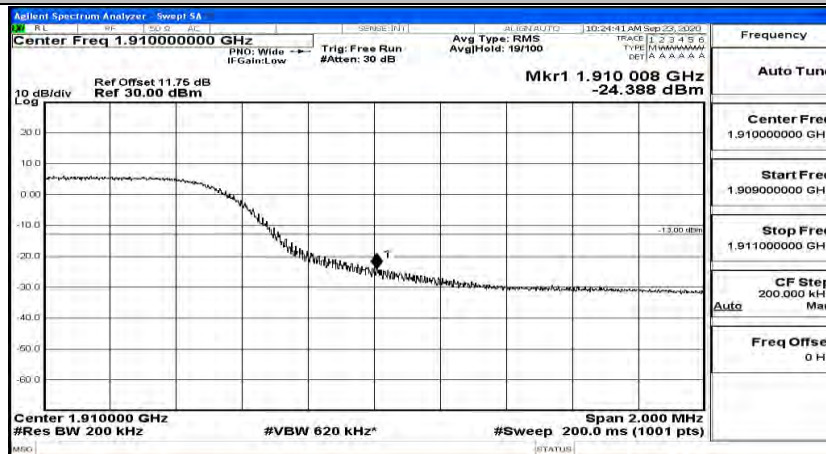
MMS0

STATUS

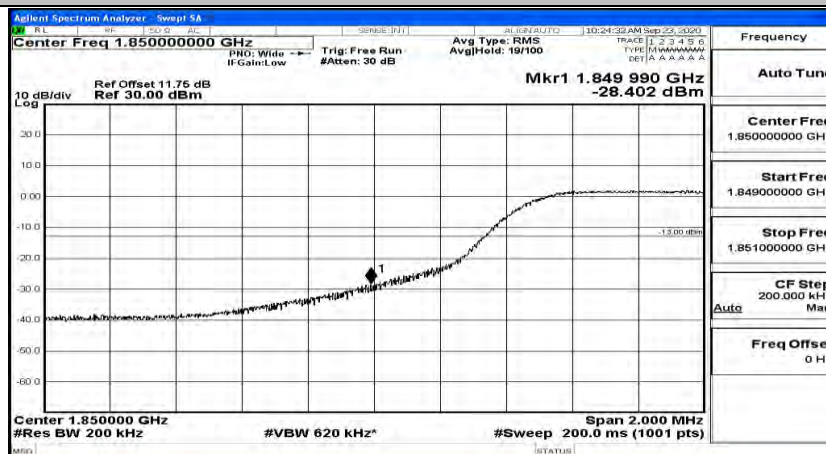
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



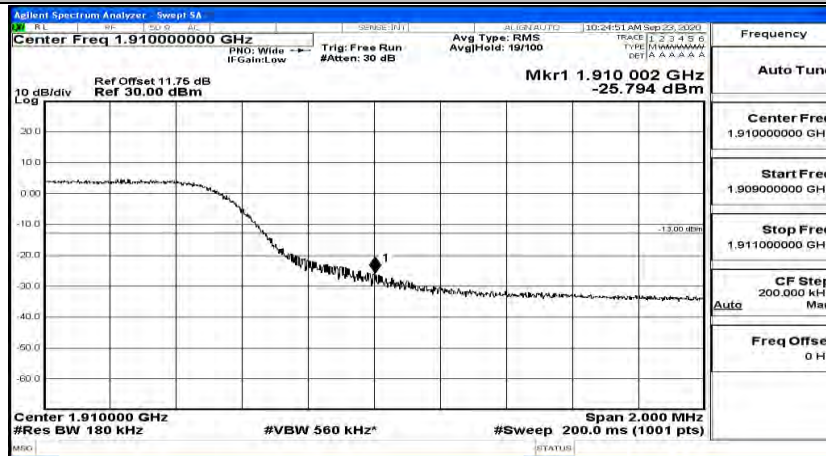
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



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



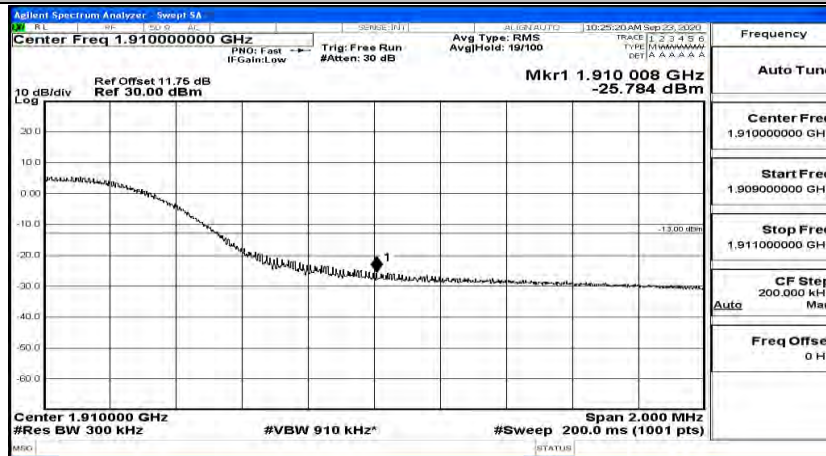
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



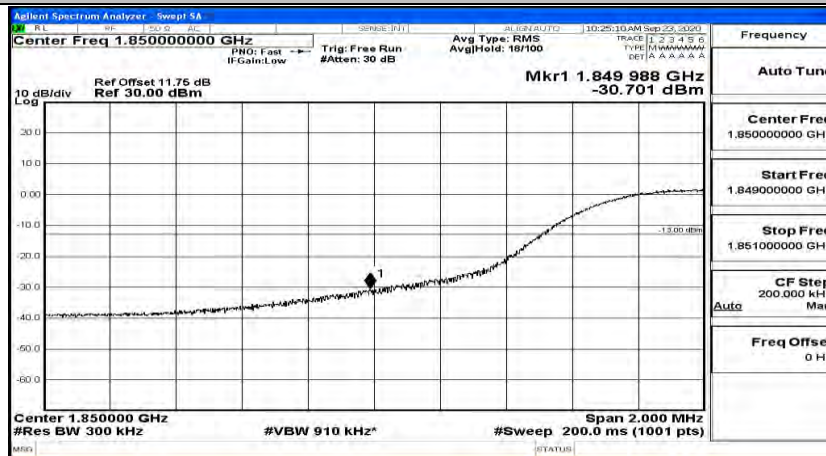
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



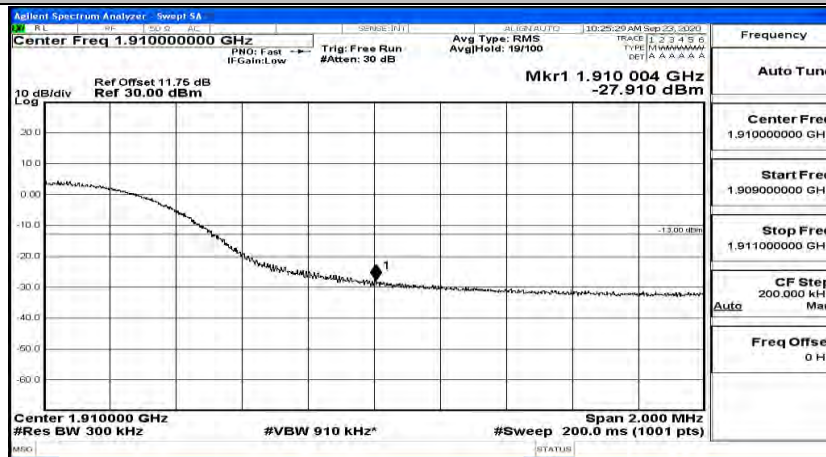
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



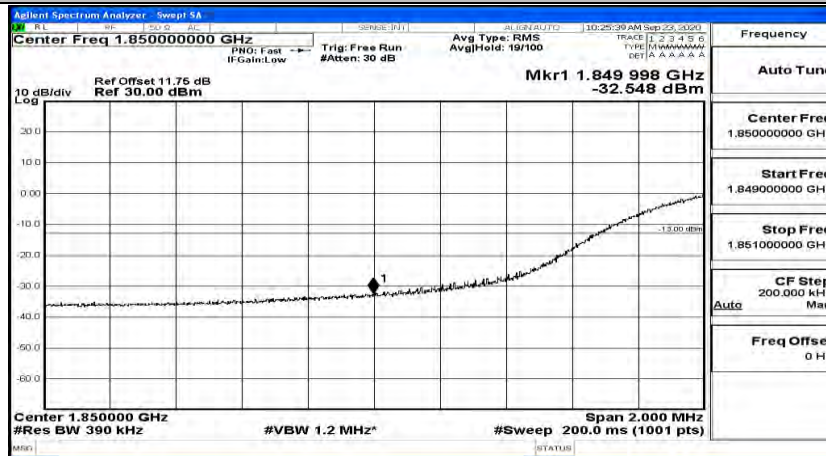
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



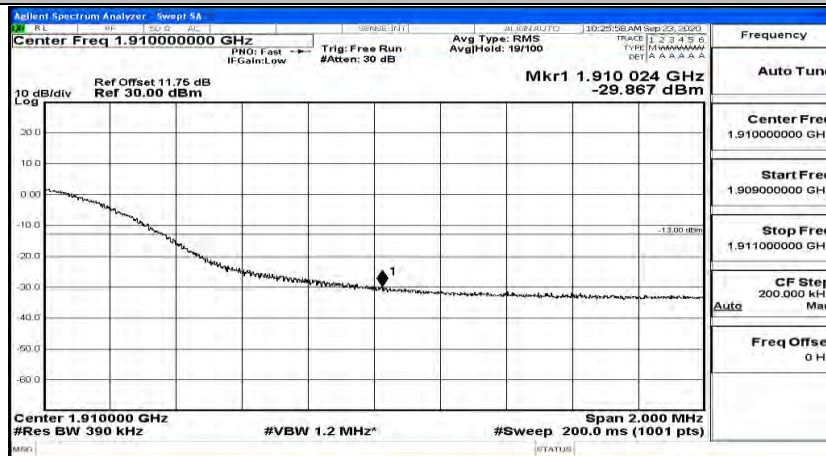
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



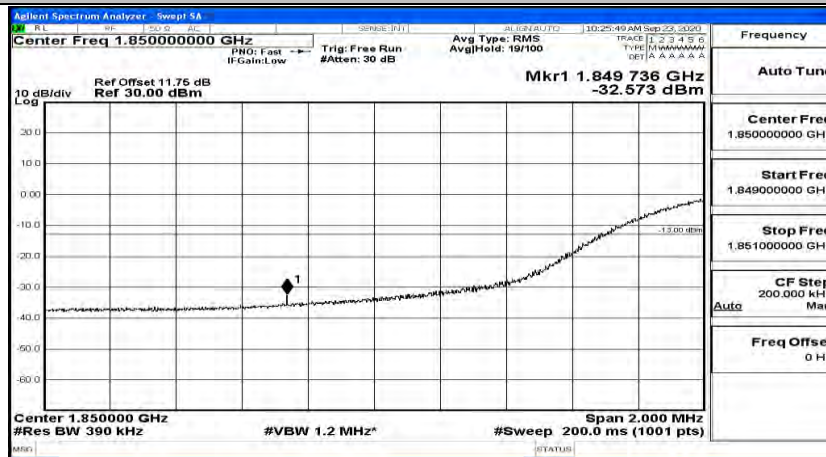
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz) LCH_QPSK



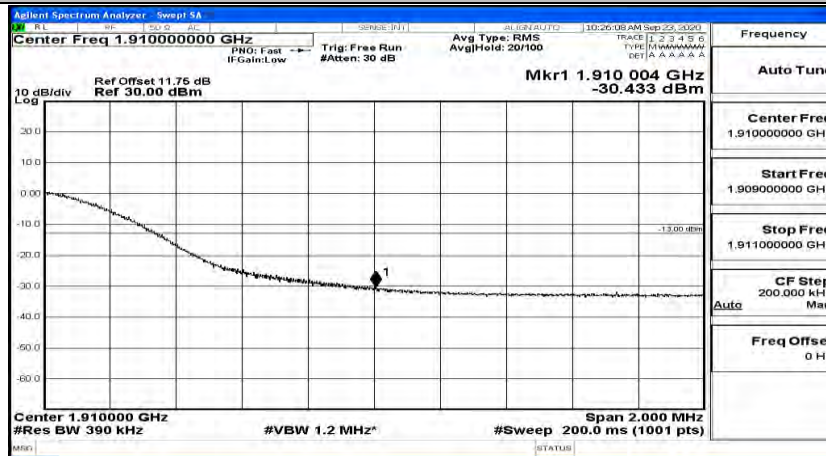
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz) HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz) LCH_16QAM

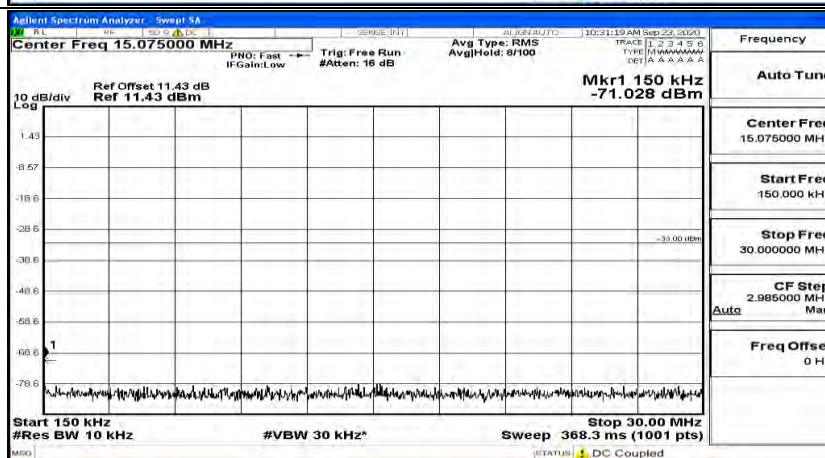
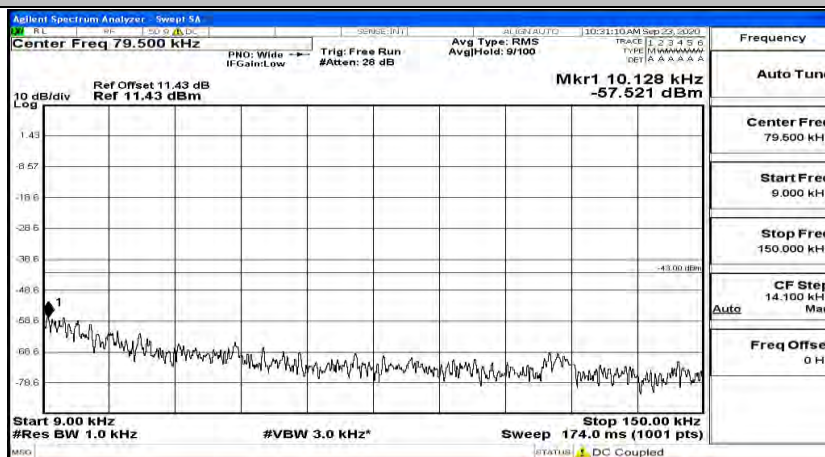


Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

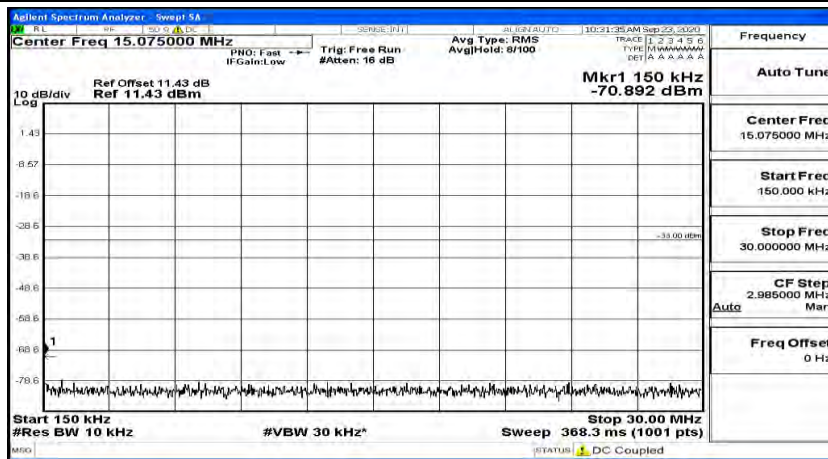
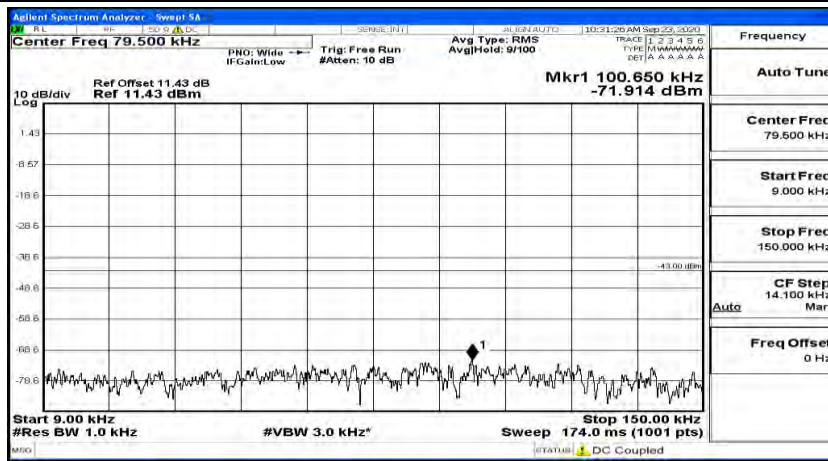


D.5 Conducted Spurious Emission

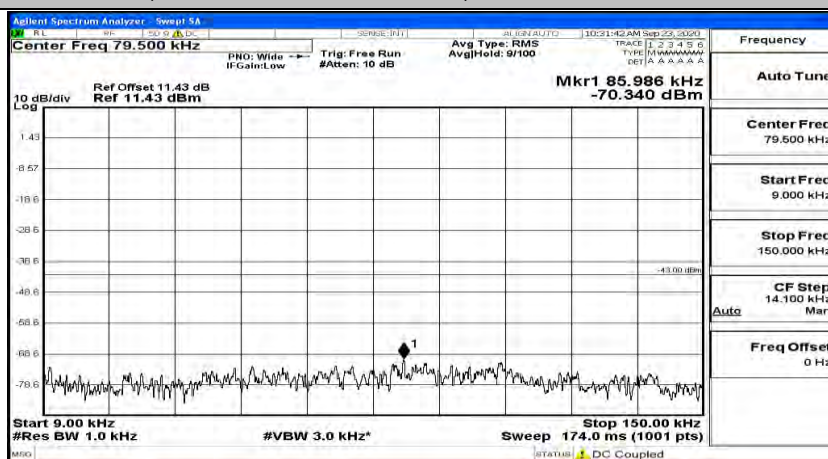
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

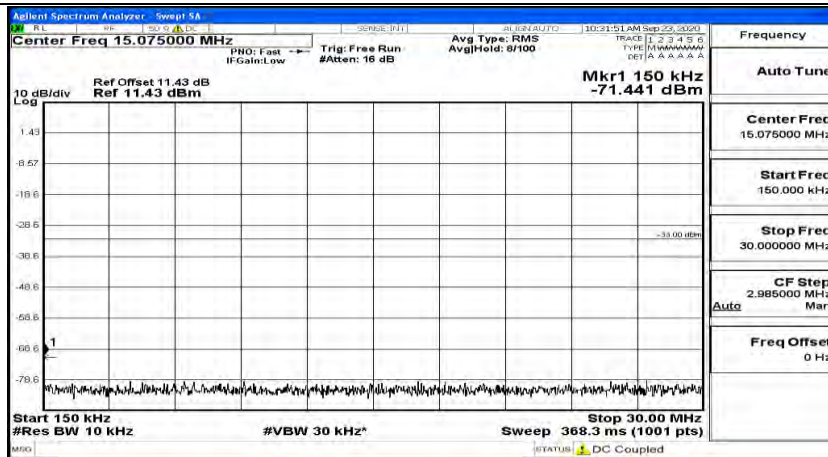


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

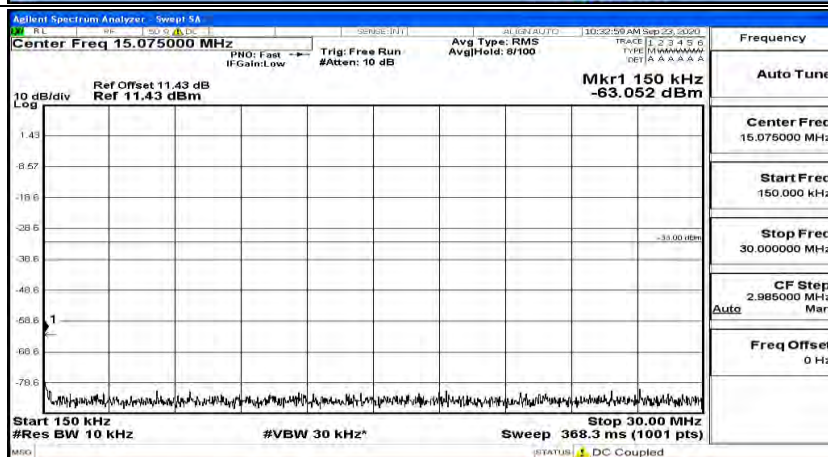
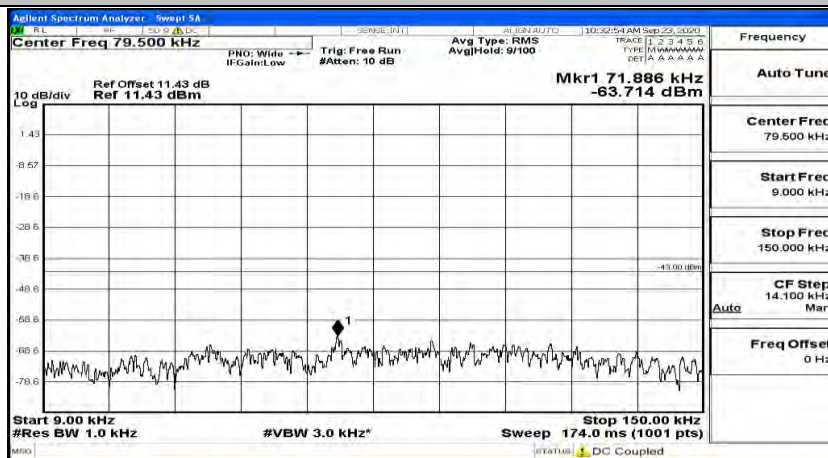


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



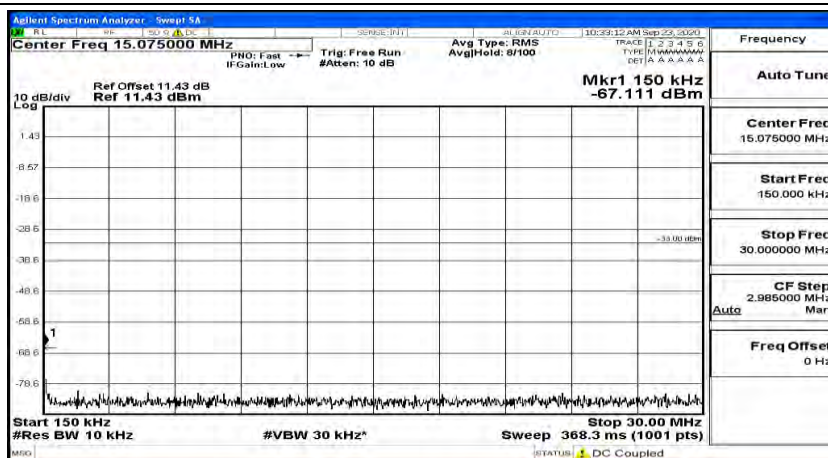
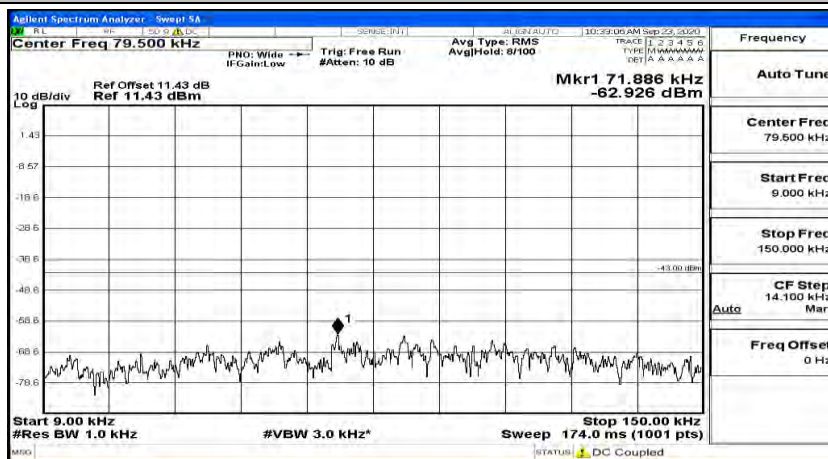


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

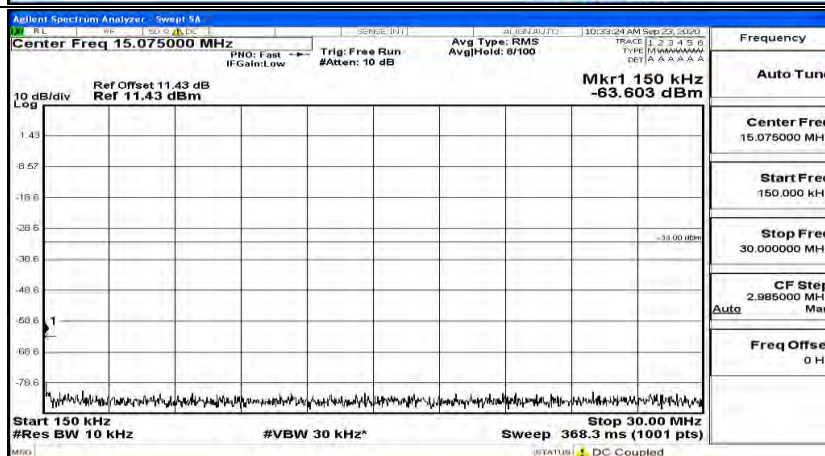
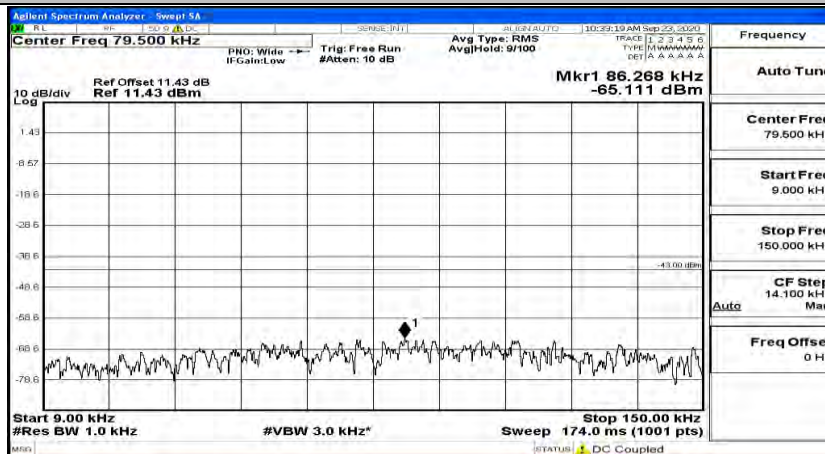




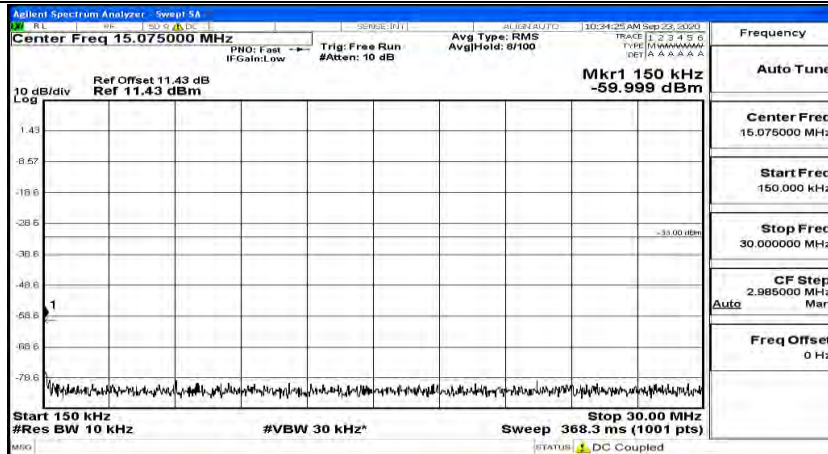
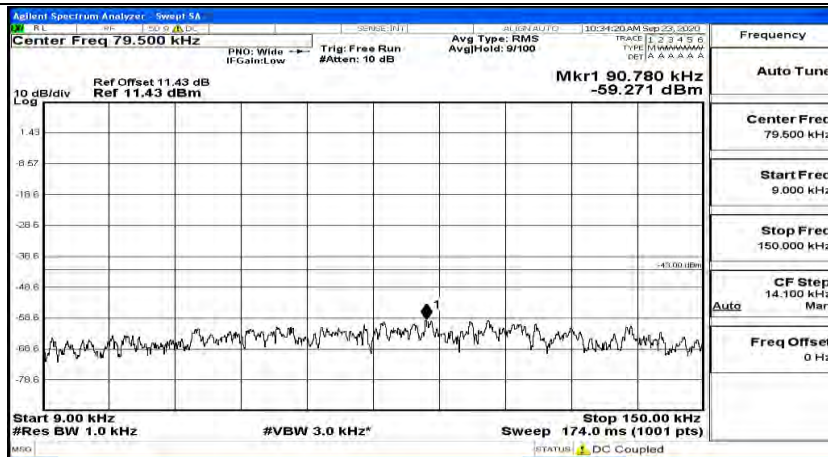
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



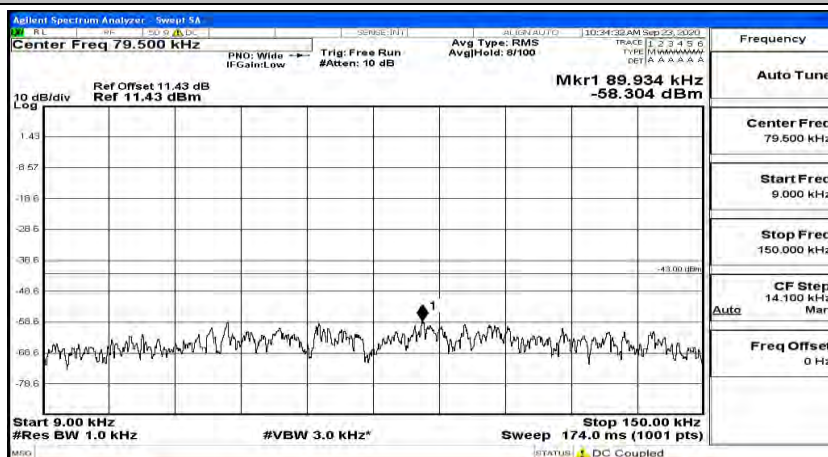
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

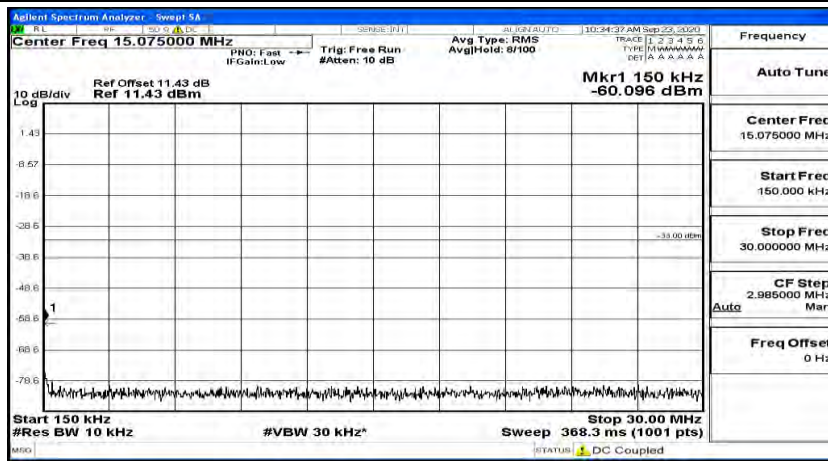


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

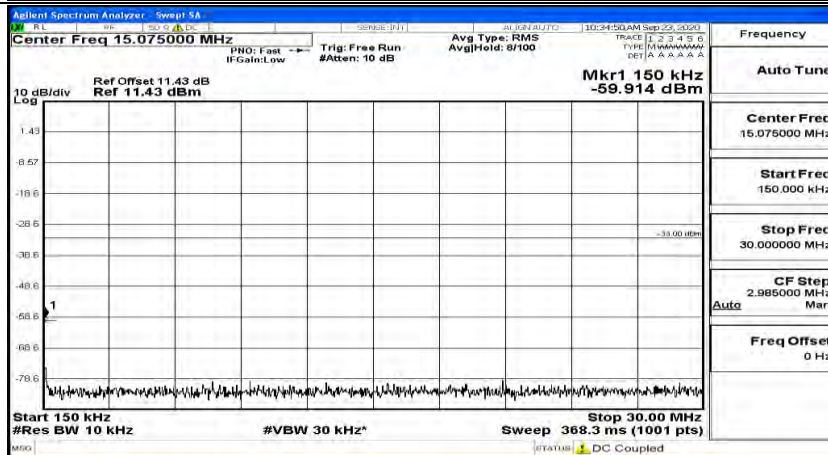
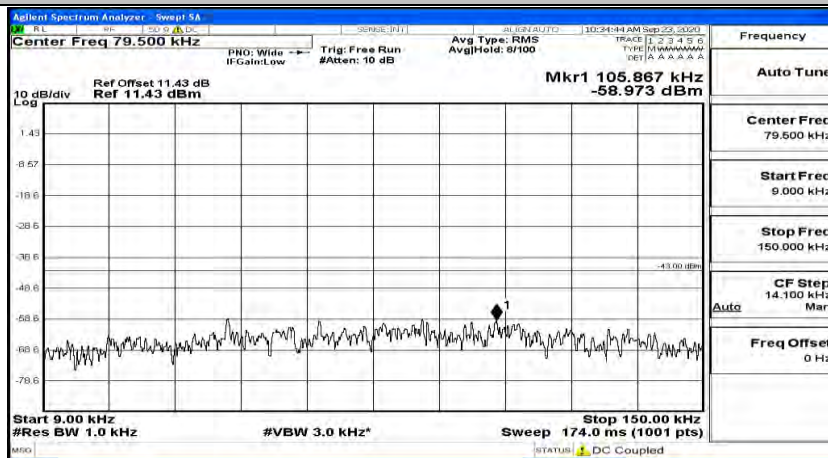


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



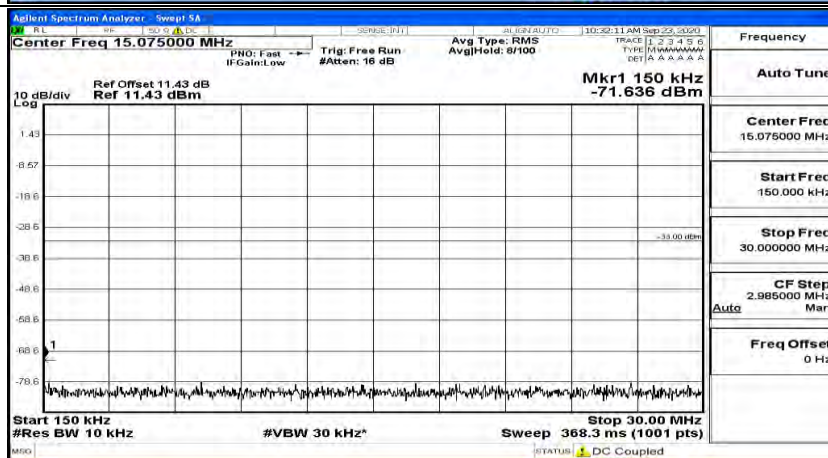
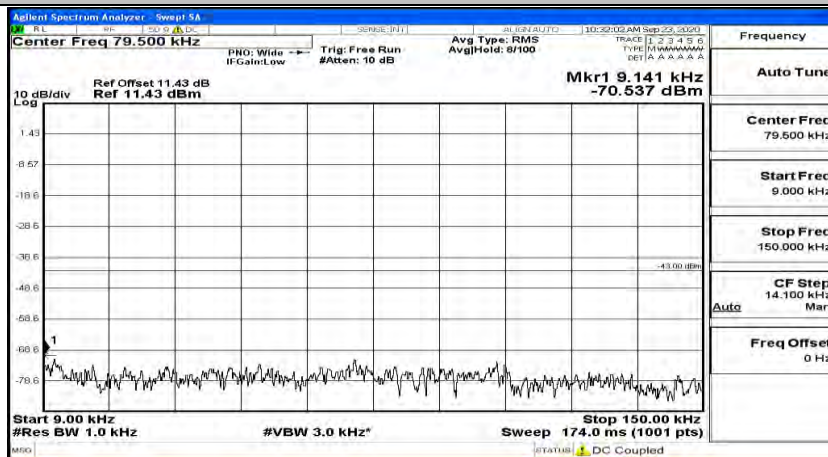


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

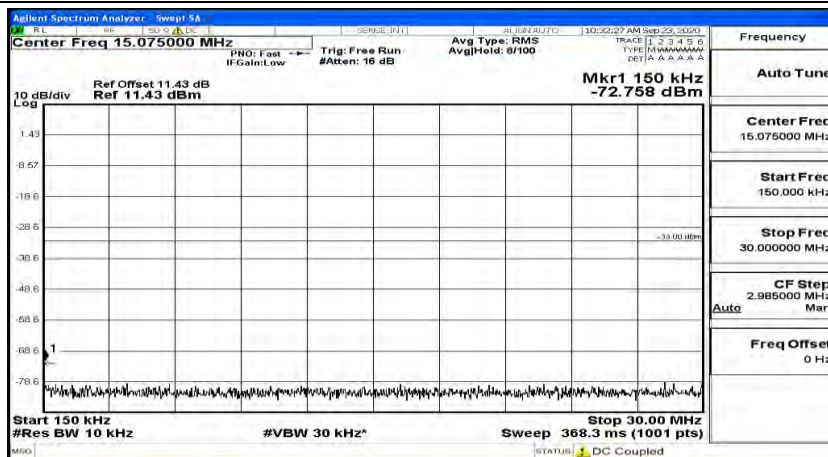
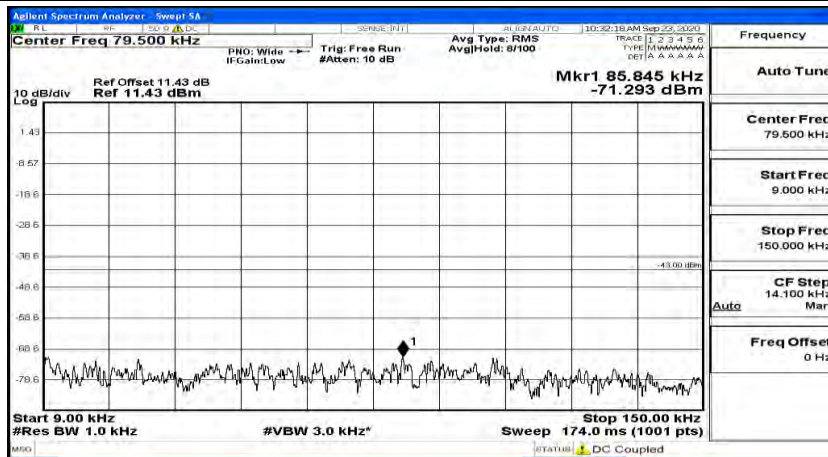




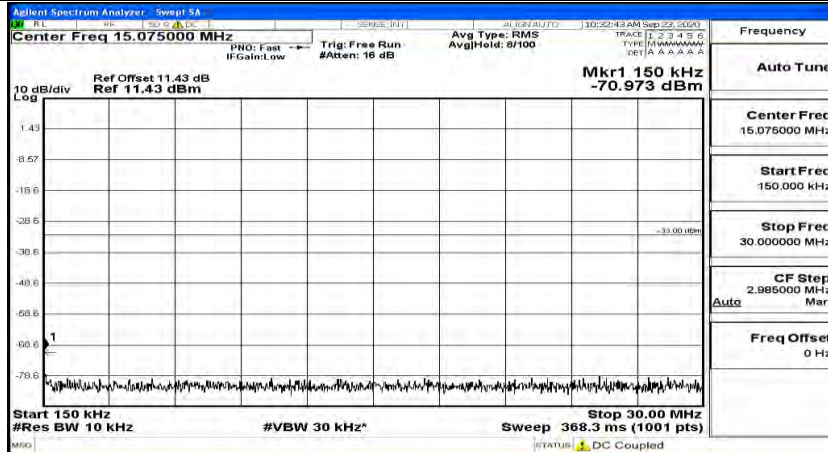
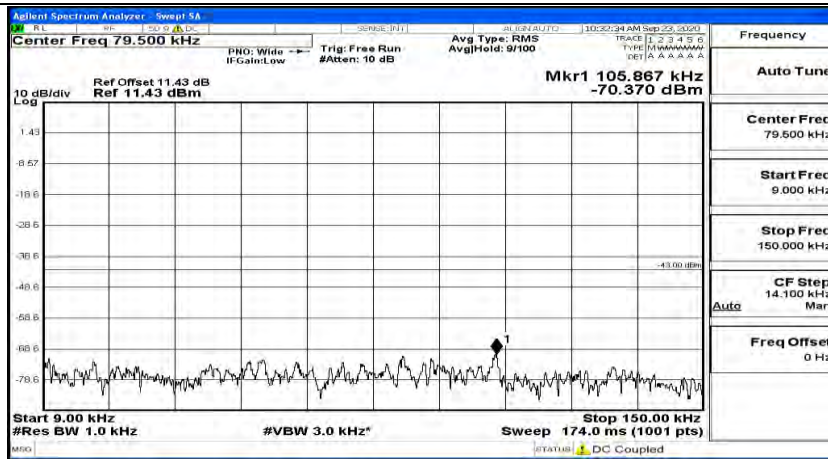
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



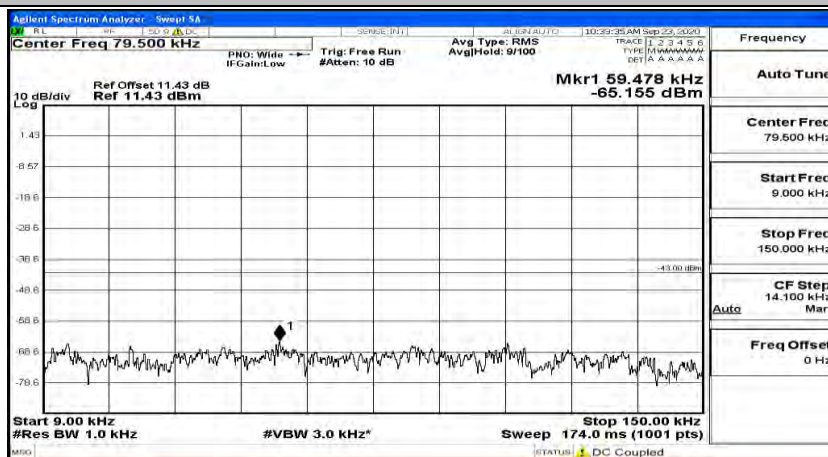
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

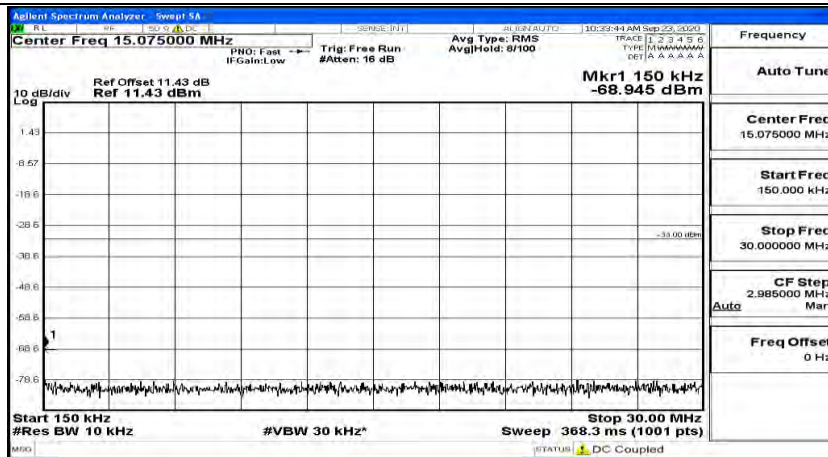


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

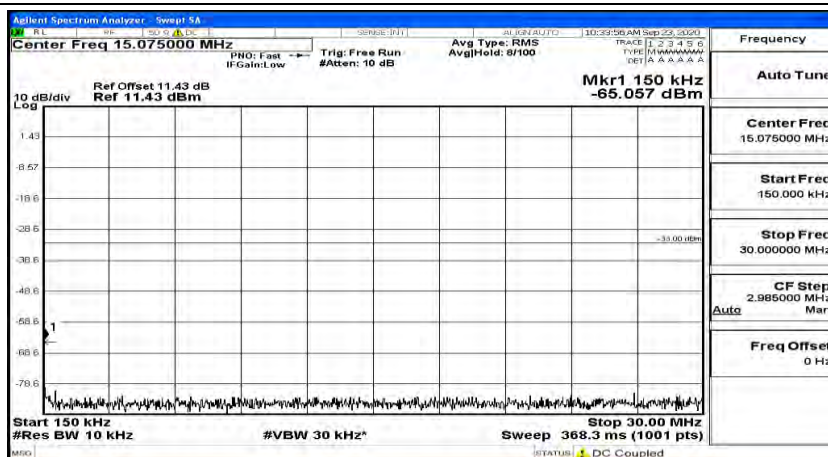
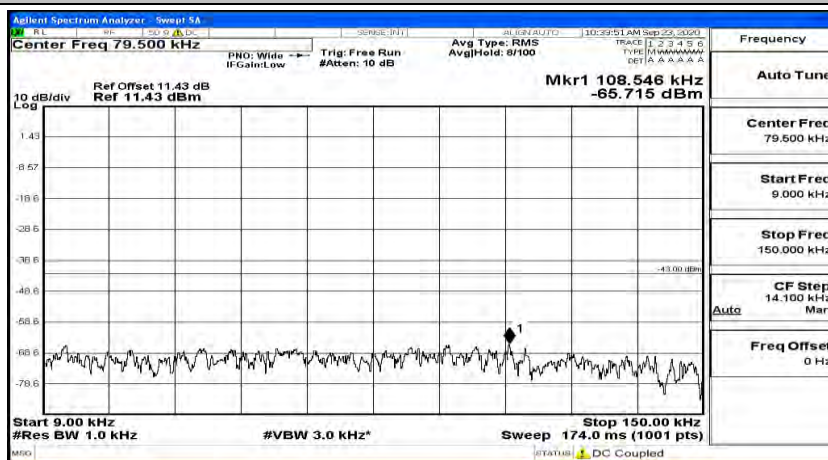


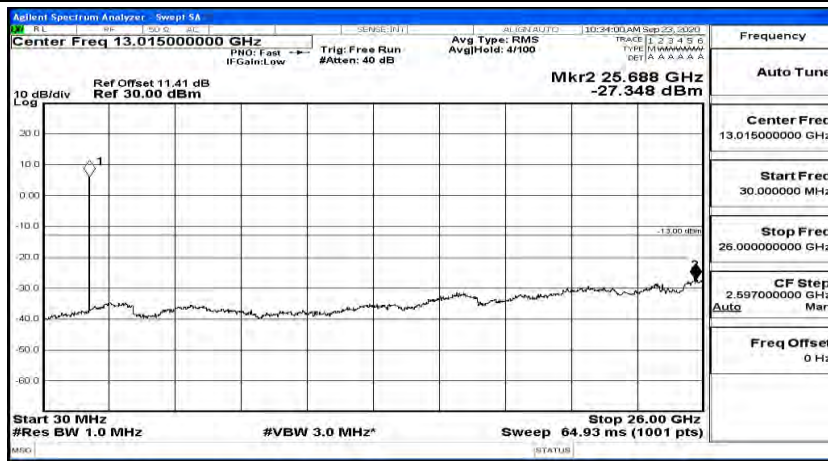
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



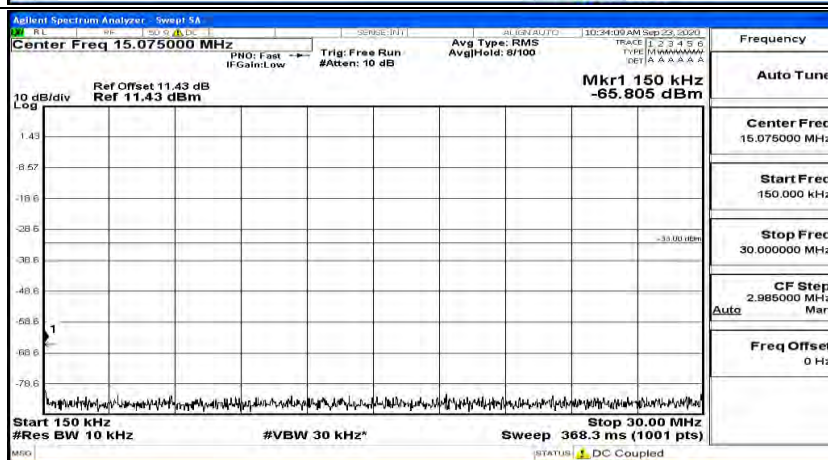
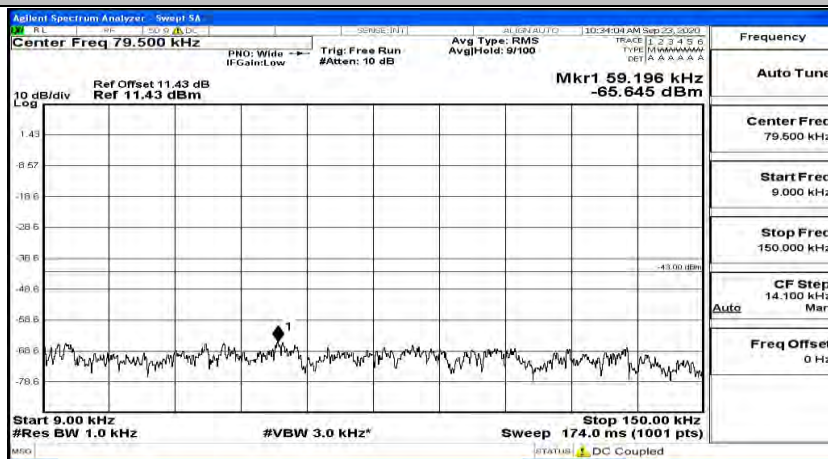


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

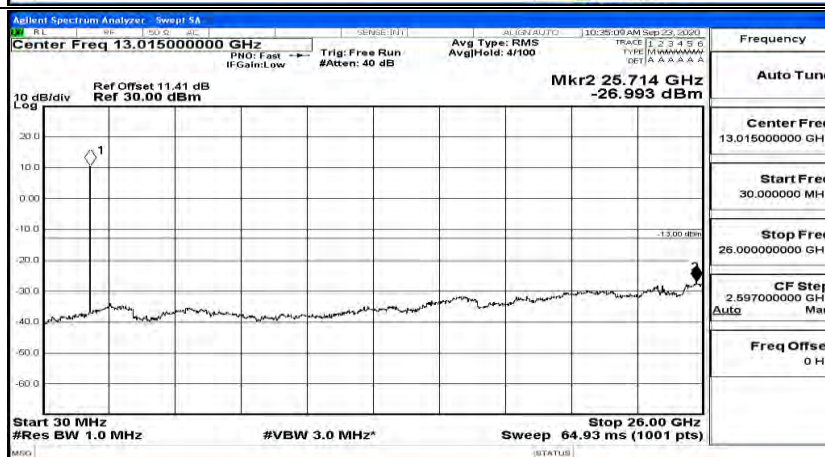
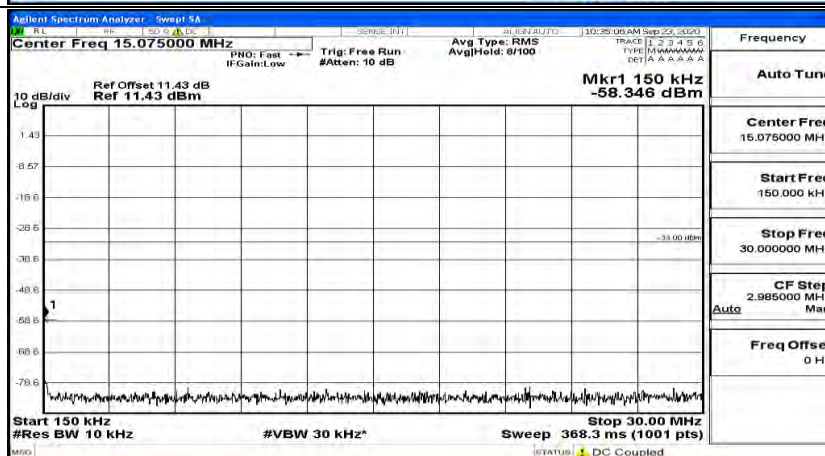
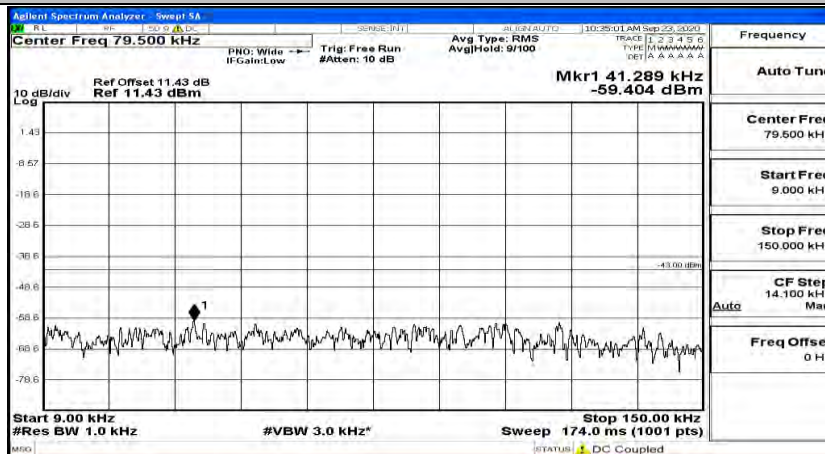




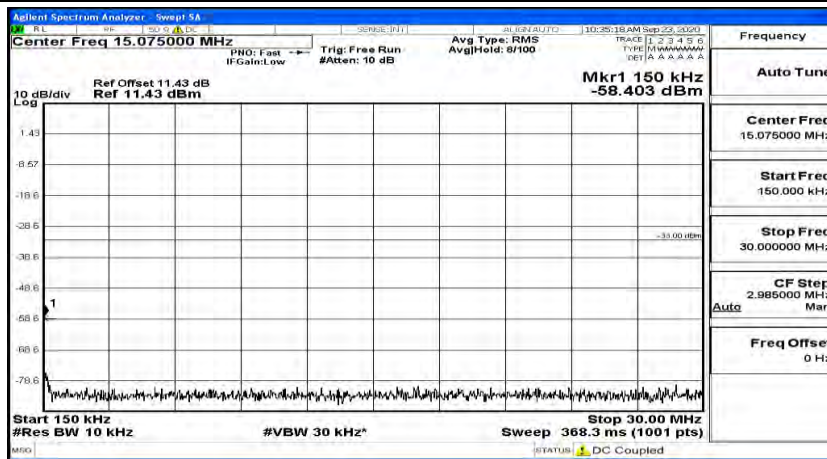
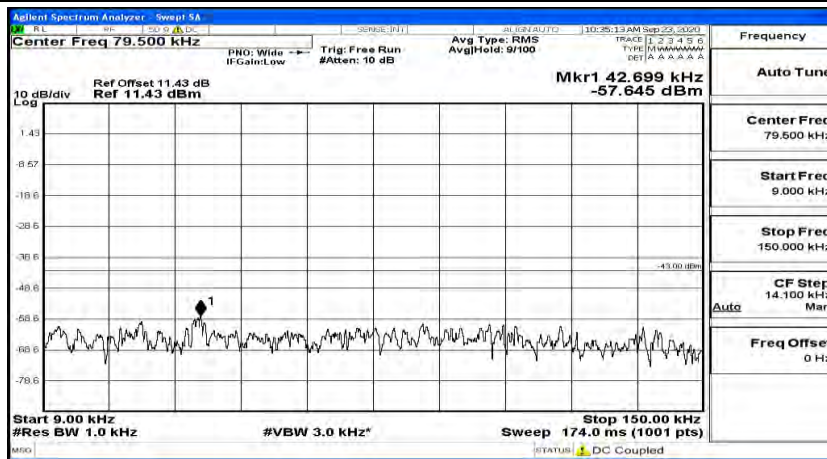
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



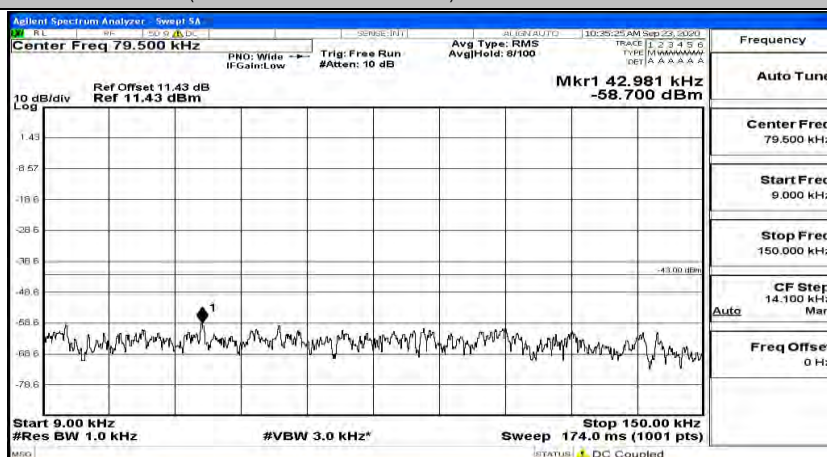
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

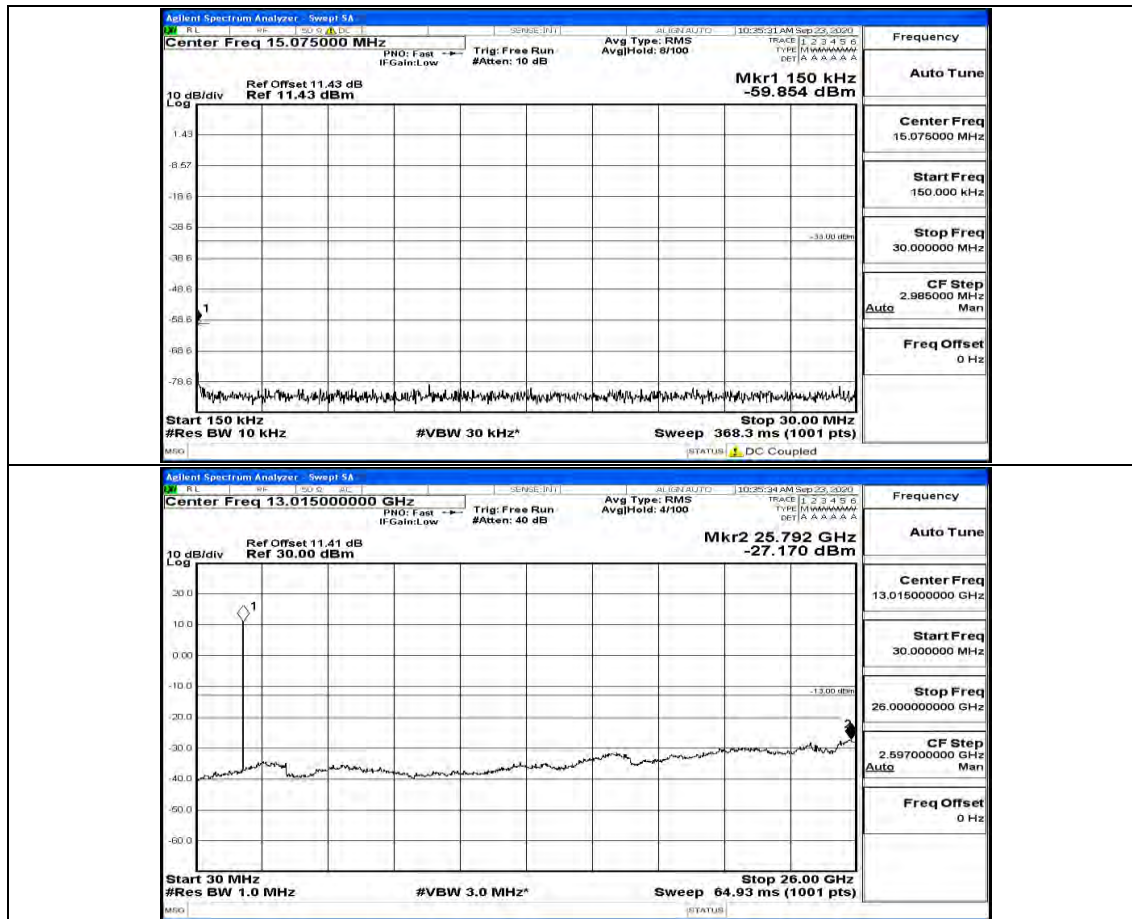


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3

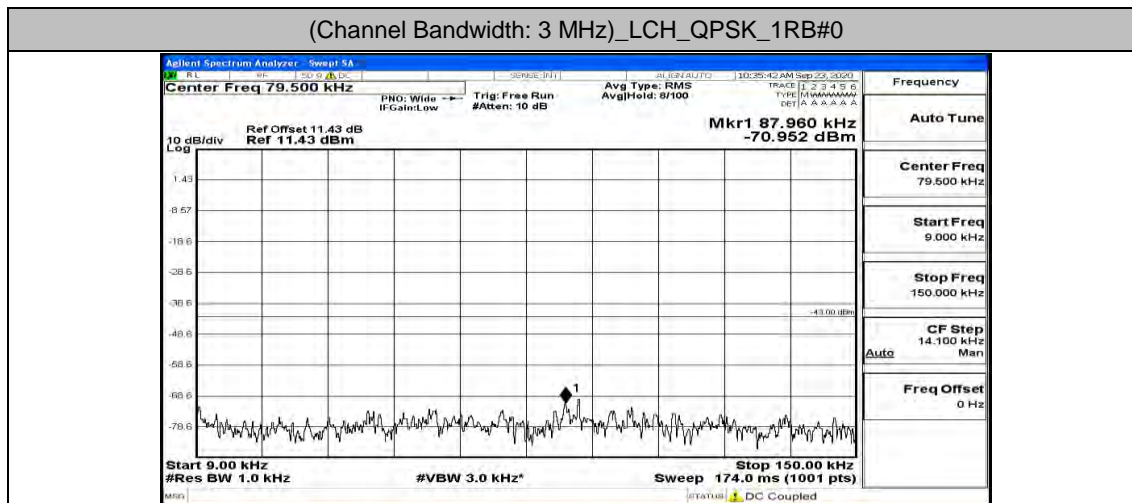


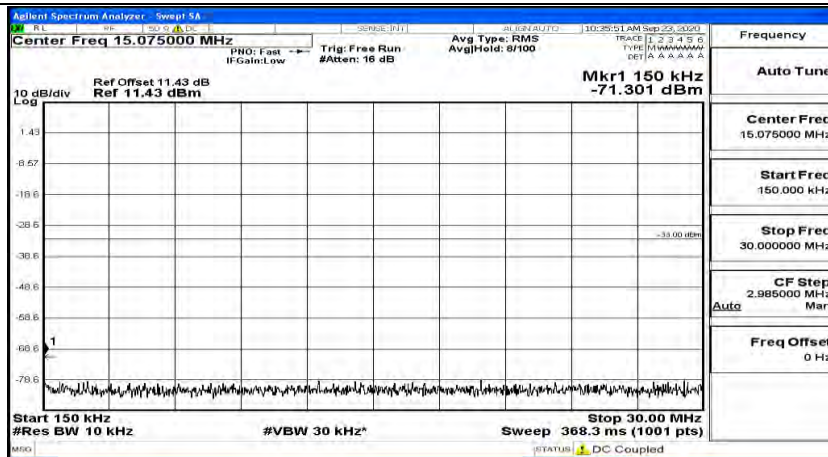
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



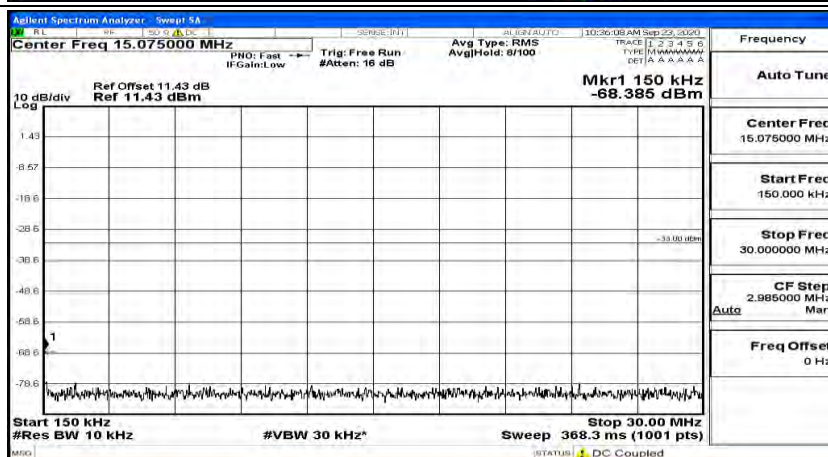
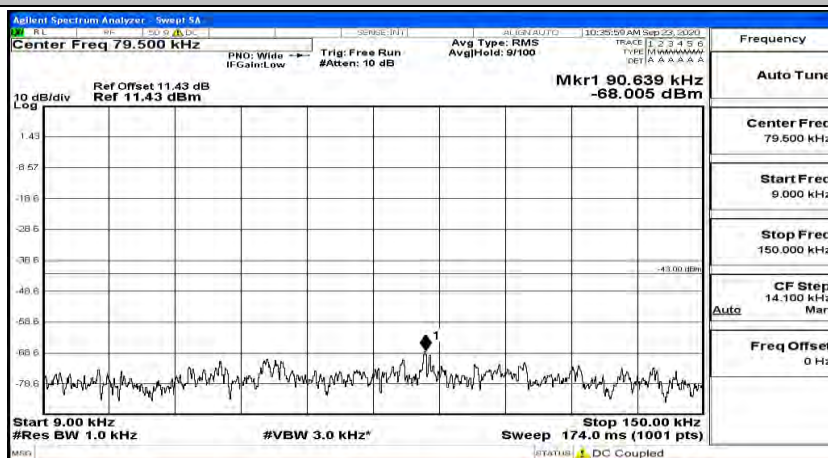


Channel Bandwidth: 3 MHz



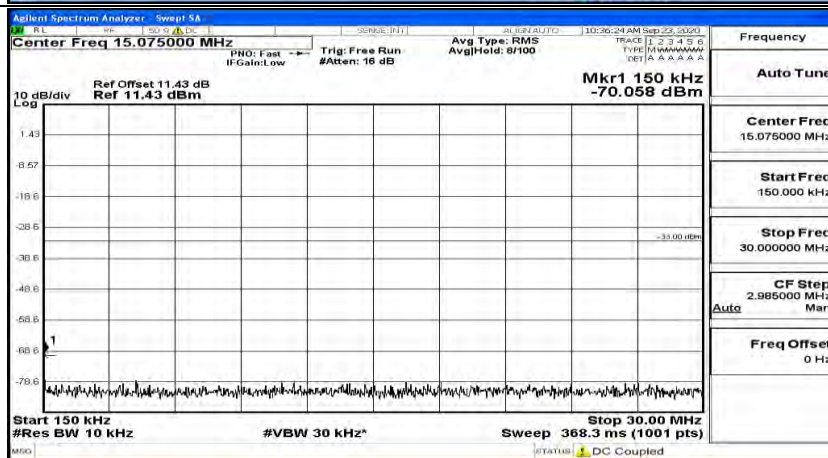
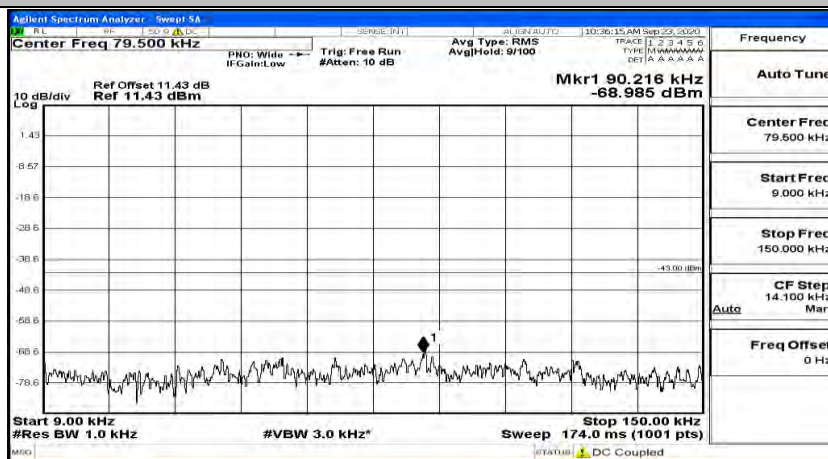


(Channel Bandwidth: 3 MHz) LCH_QPSK_1RB#7

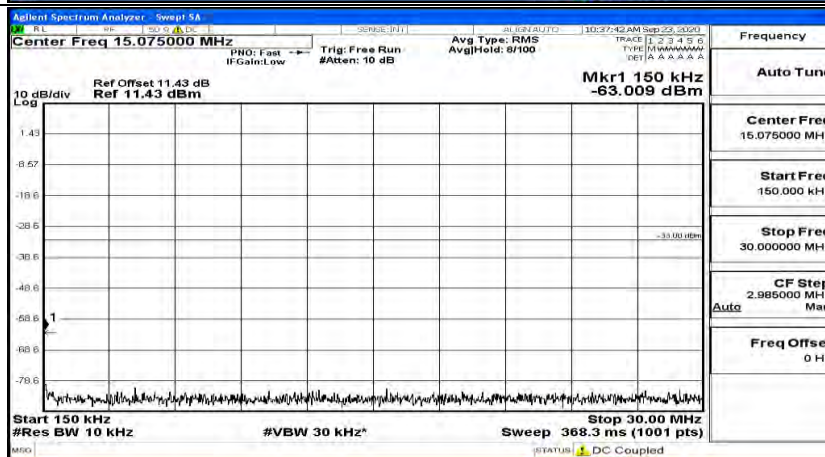
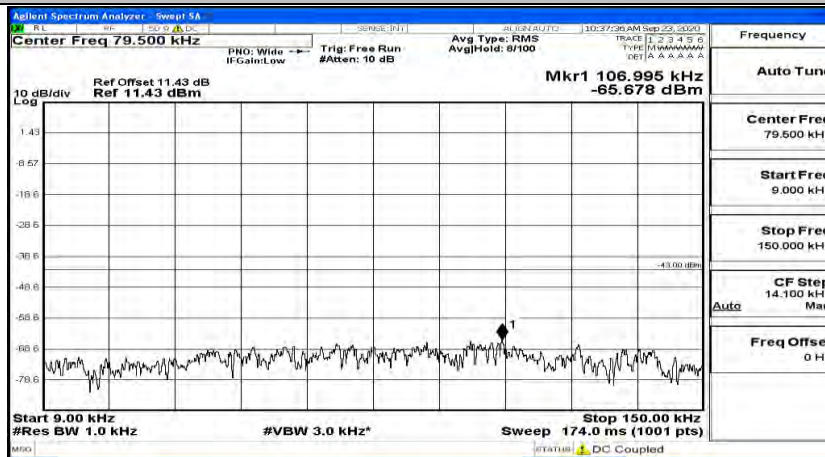




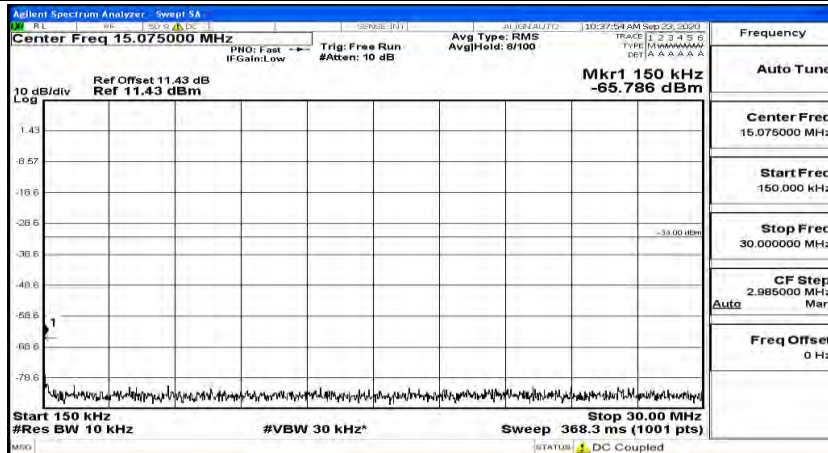
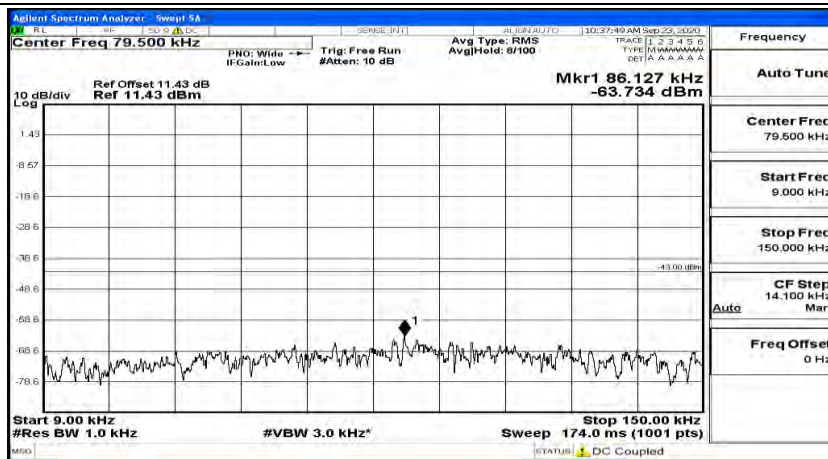
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



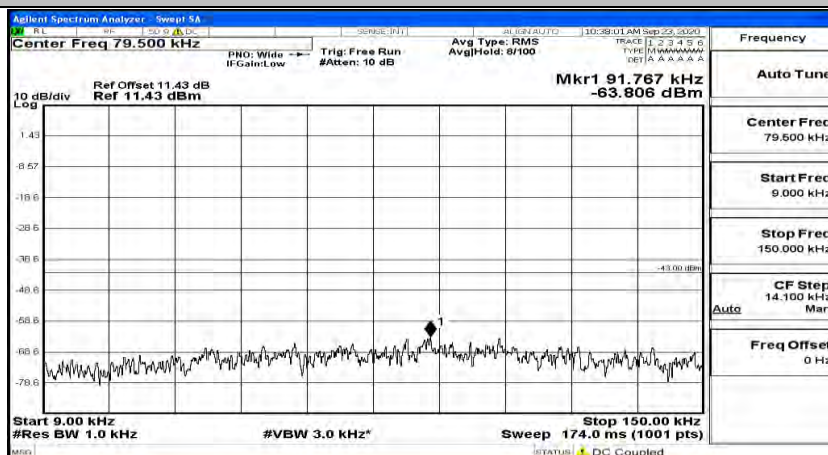
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

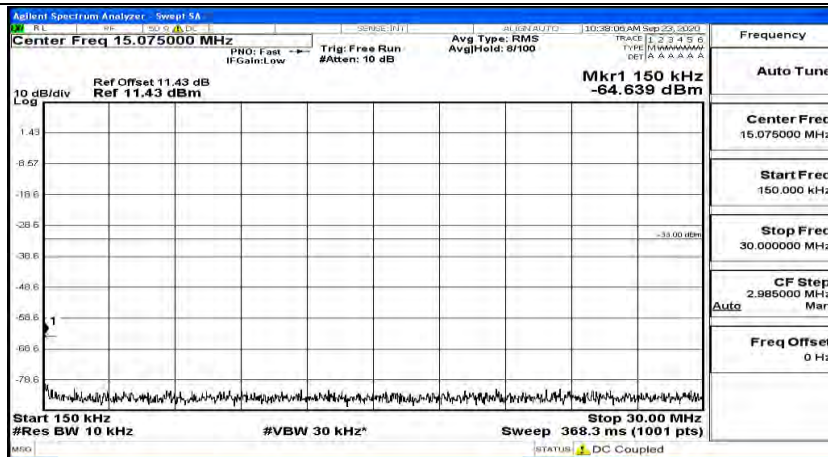


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

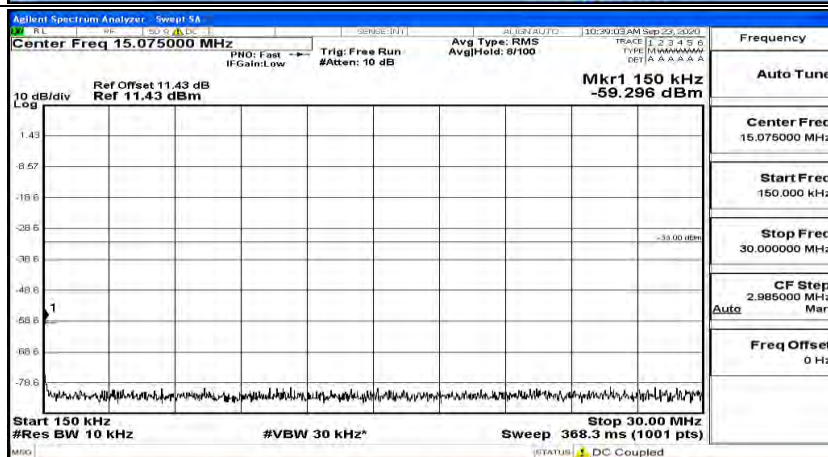
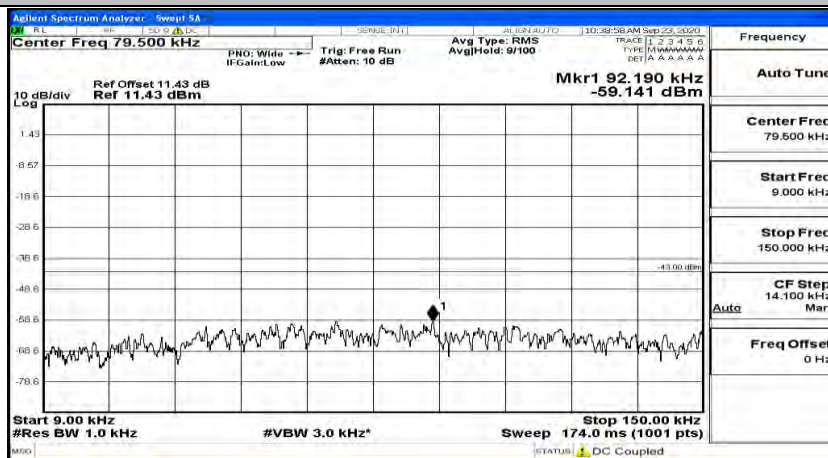


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



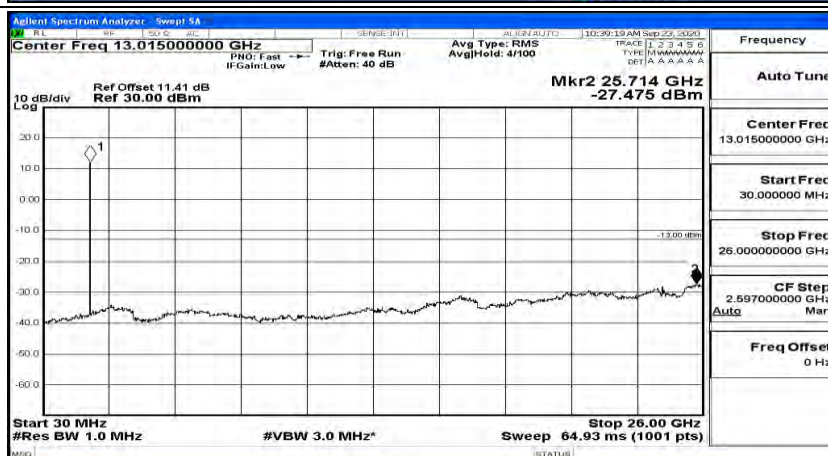
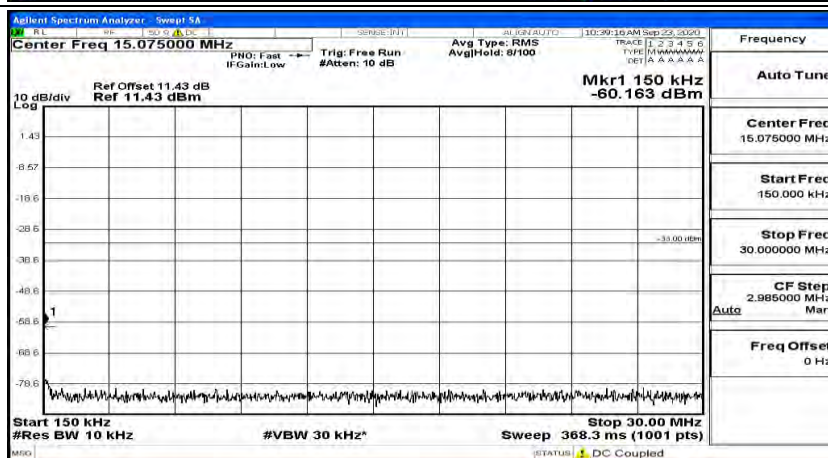
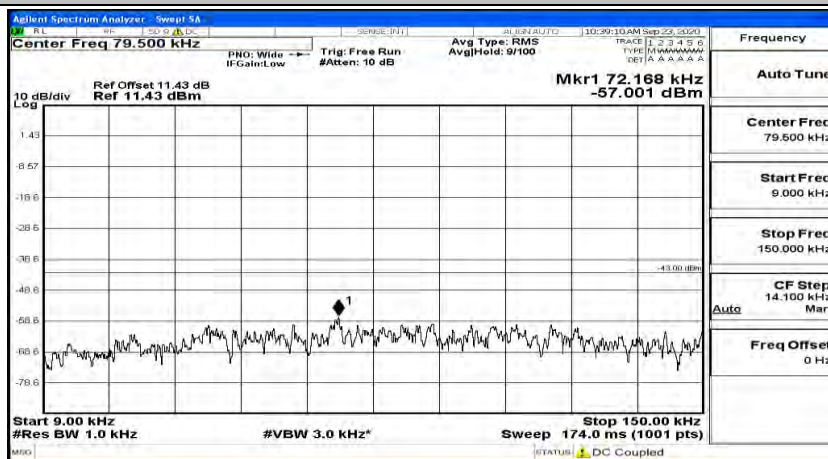


(Channel Bandwidth: 3 MHz) _HCH_QPSK_1RB#0

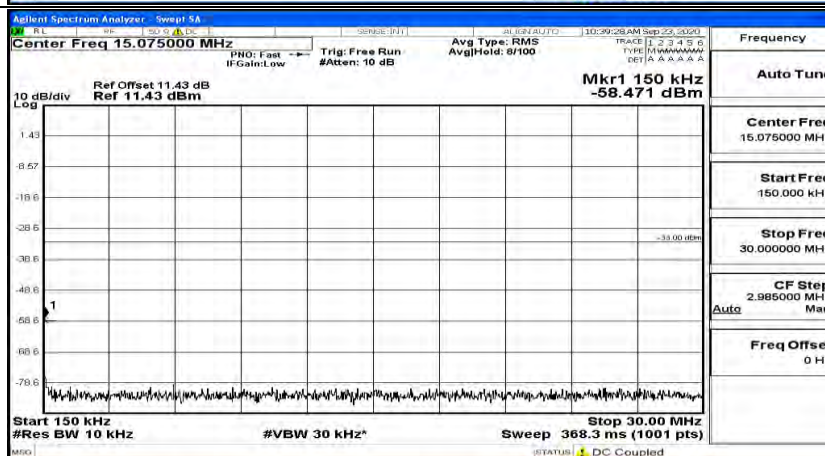
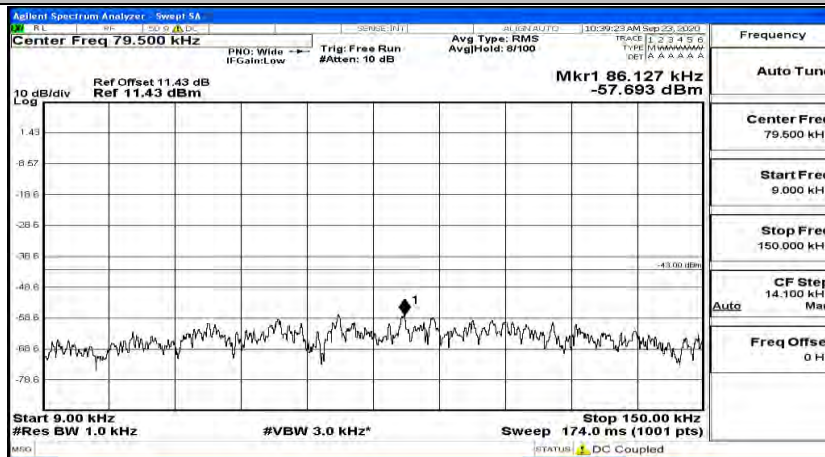




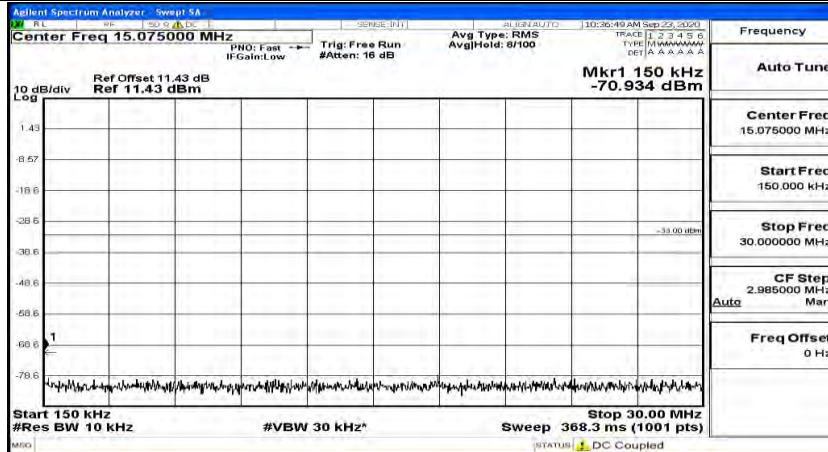
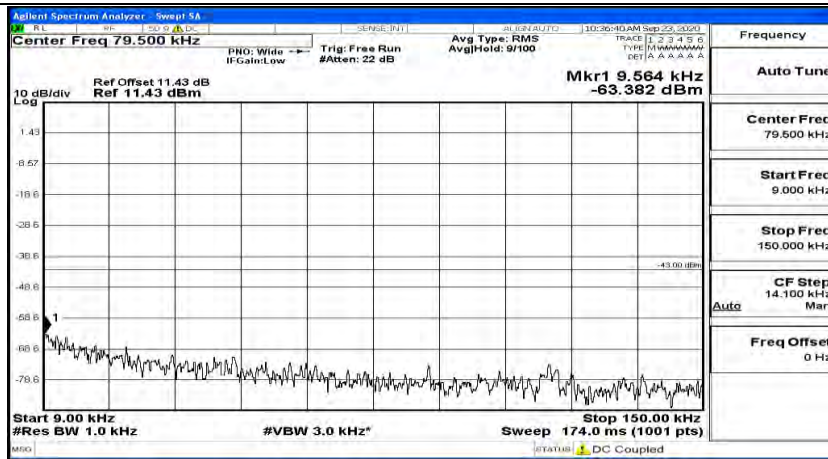
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



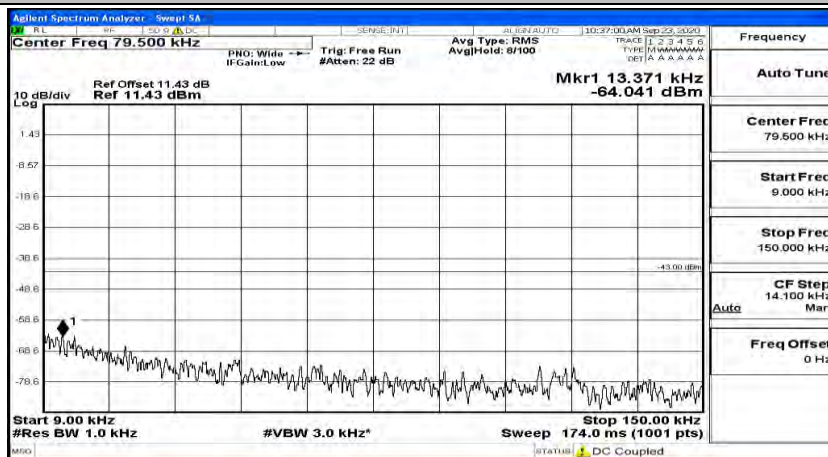
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

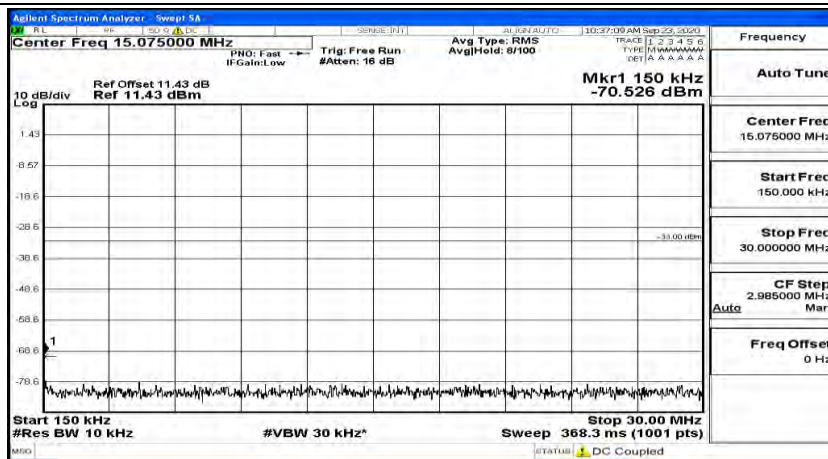


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0

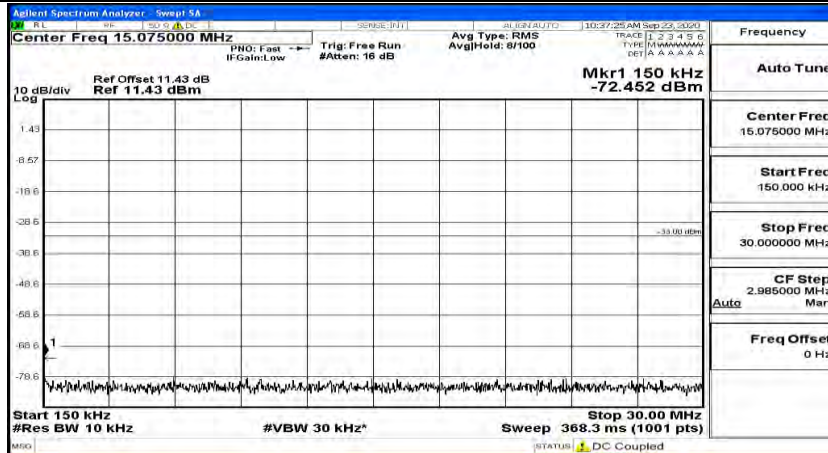
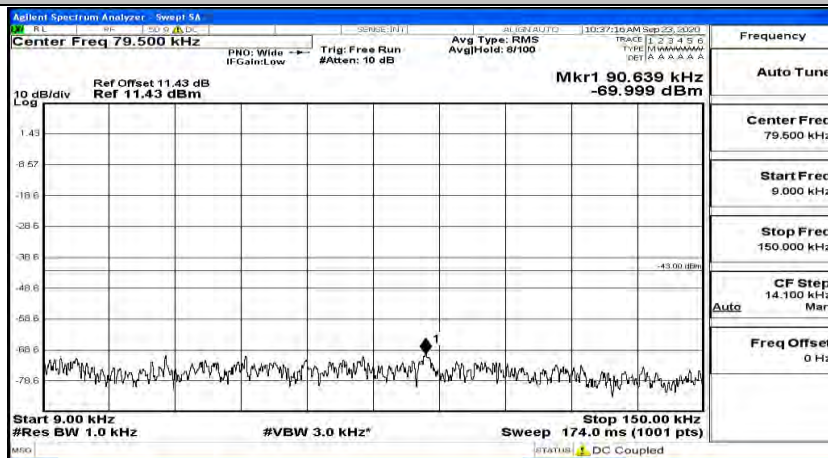


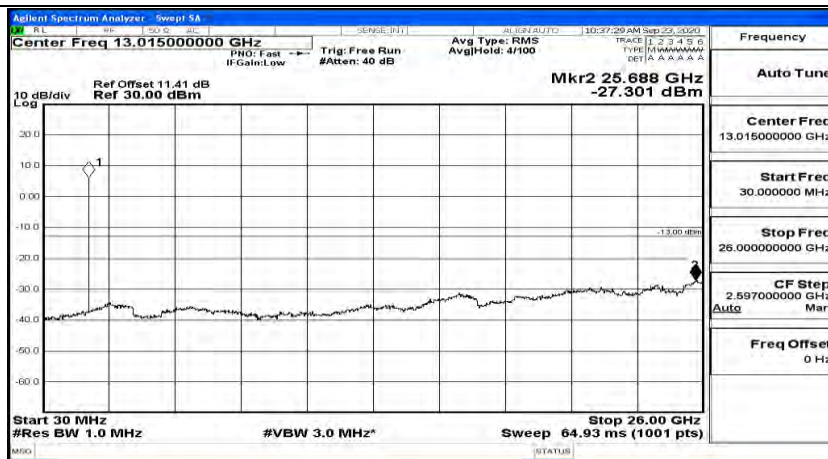
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7



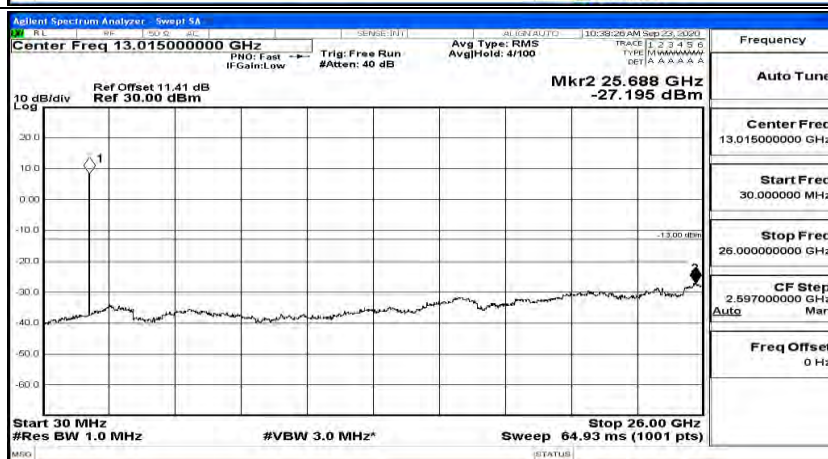
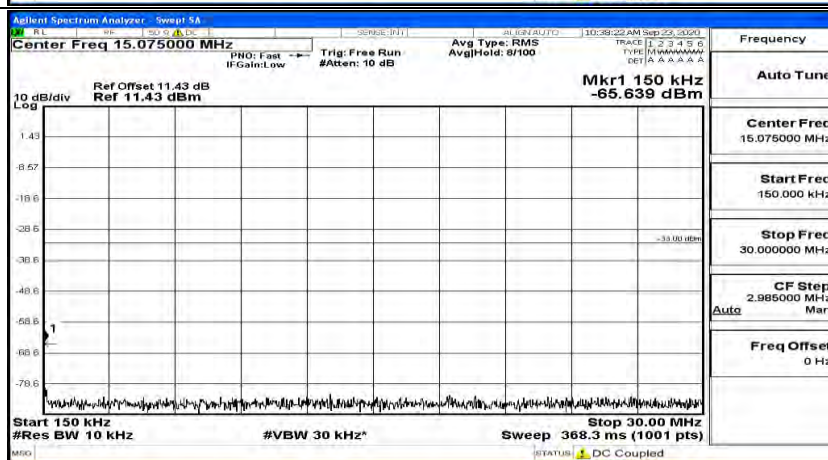
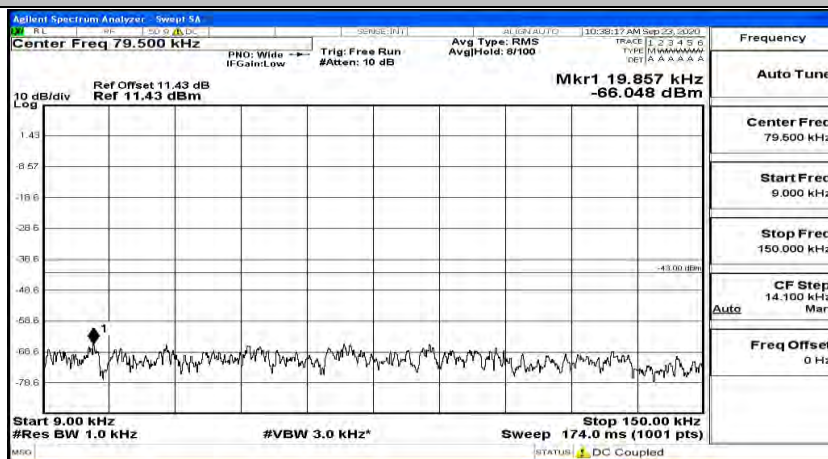


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

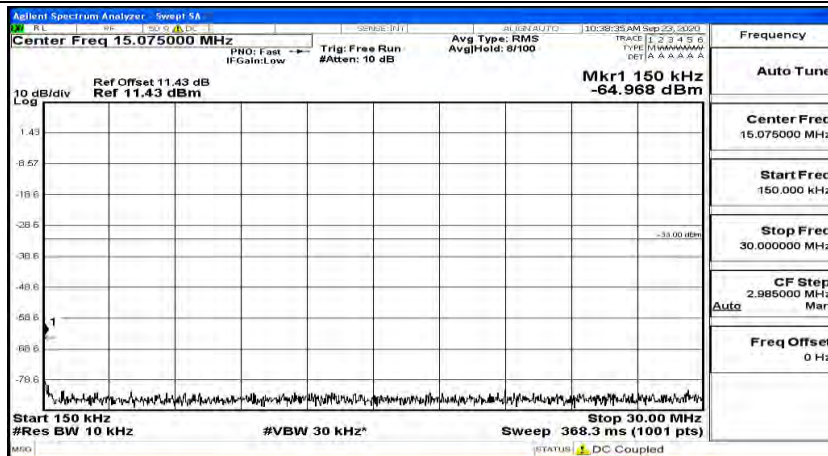
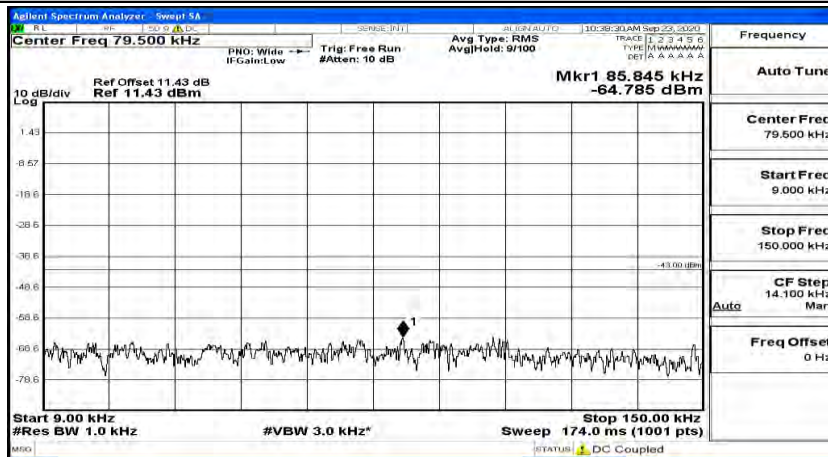




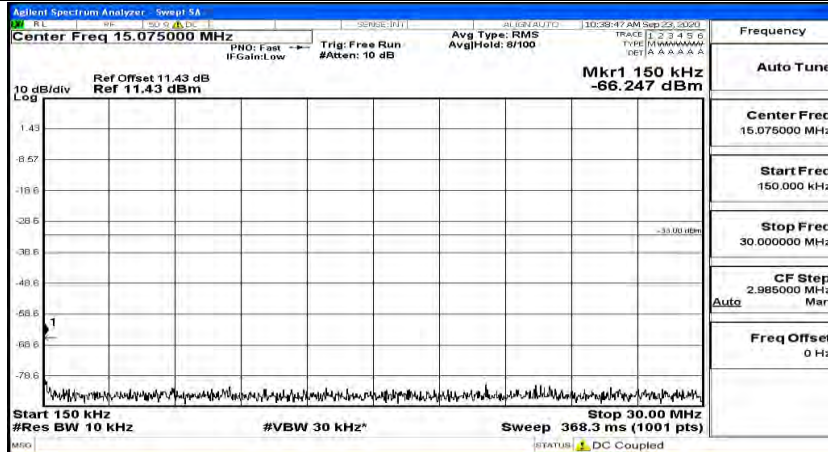
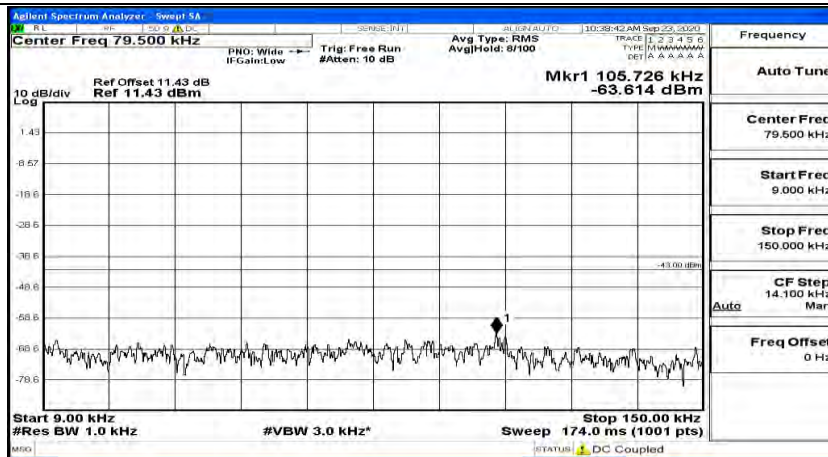
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0



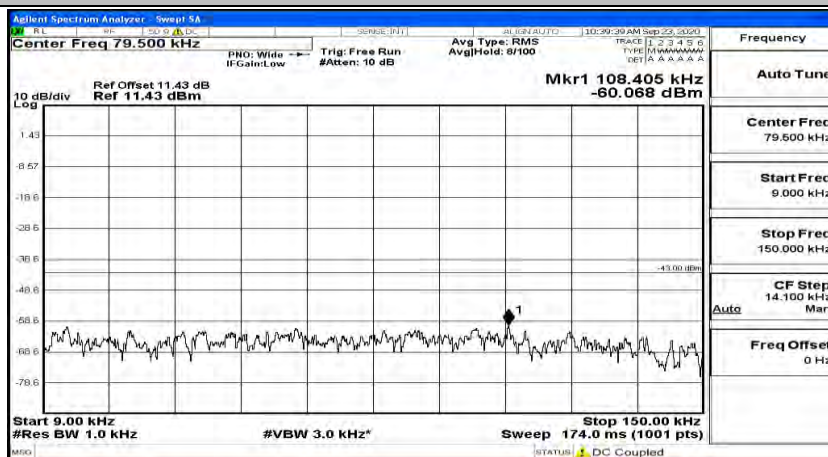
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

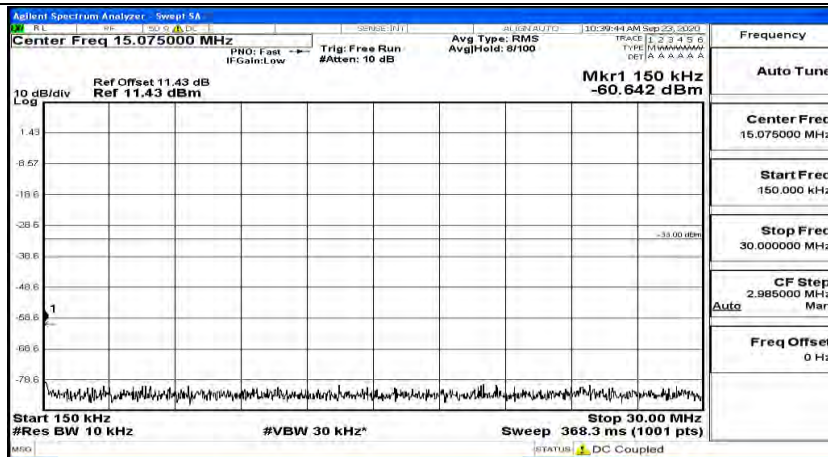


(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14

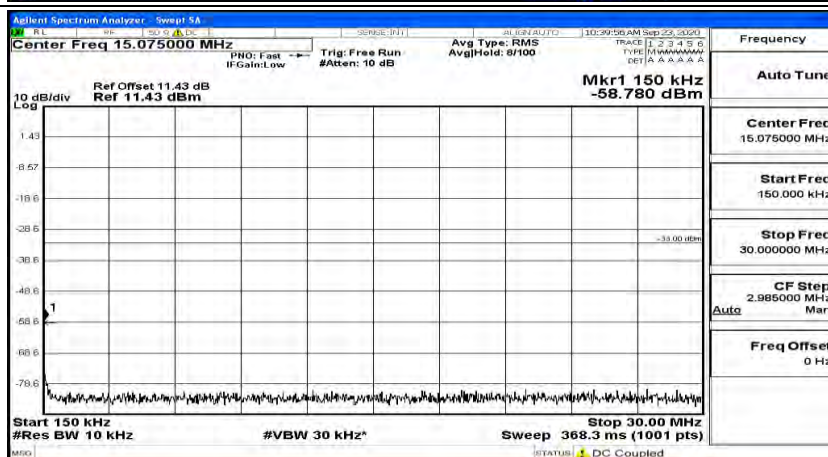
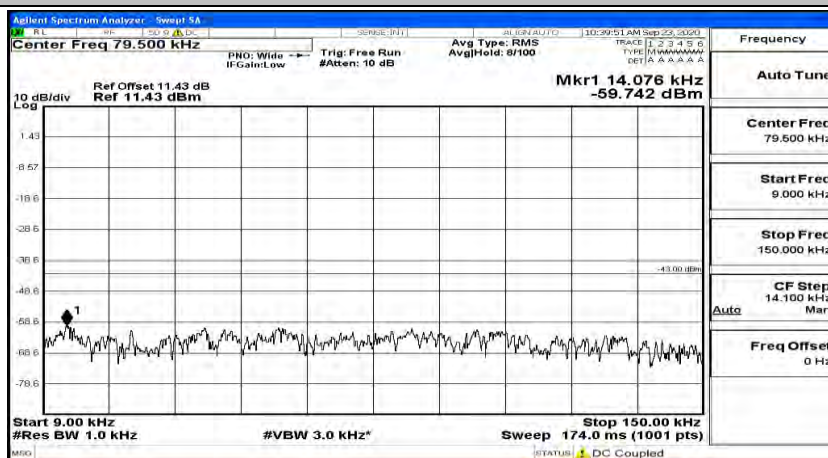


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0





(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

