

Appendix F: Test Data for E-UTRA Band 5

Product Name: Tablet pc

Trade Mark: N/A

Test Model: 10LB1

Environmental Conditions

Temperature:	24.2° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Li Huan

F.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	20.54	19.89	PASS
		1	3	20.66	19.88	PASS
		1	5	20.50	19.83	PASS
		3	0	20.63	19.72	PASS
		3	2	20.63	19.71	PASS
		3	3	20.60	19.69	PASS
		6	0	19.52	18.71	PASS
	MCH	1	0	21.36	20.66	PASS
		1	3	21.53	20.88	PASS
		1	5	21.43	20.73	PASS
		3	0	21.46	20.59	PASS
		3	2	21.55	20.69	PASS
		3	3	21.51	20.63	PASS
		6	0	20.44	19.48	PASS
	HCH	1	0	21.42	20.75	PASS
		1	3	21.45	20.94	PASS
		1	5	21.35	20.66	PASS
		3	0	21.54	20.72	PASS
		3	2	21.53	20.68	PASS
		3	3	21.50	20.66	PASS
		6	0	20.42	19.49	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	20.57	19.91	PASS
		1	7	20.84	20.11	PASS
		1	14	20.59	19.91	PASS
		8	0	19.52	18.66	PASS
		8	4	19.55	18.71	PASS
		8	7	19.52	18.61	PASS
		15	0	19.51	18.53	PASS
	MCH	1	0	21.28	20.70	PASS
		1	7	21.66	21.11	PASS
		1	14	21.50	20.94	PASS
		8	0	20.33	19.41	PASS
		8	4	20.44	19.51	PASS
		8	7	20.43	19.51	PASS
		15	0	20.36	19.41	PASS
	HCH	1	0	21.62	20.97	PASS
		1	7	21.86	21.08	PASS
		1	14	21.38	20.69	PASS
		8	0	20.54	19.67	PASS
		8	4	20.51	19.69	PASS
		8	7	20.41	19.57	PASS
		15	0	20.48	19.57	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	20.53	19.84	PASS
		1	12	20.87	20.27	PASS
		1	24	20.64	19.93	PASS
		12	0	19.53	18.64	PASS
		12	6	19.58	18.69	PASS
		12	13	19.54	18.69	PASS
		25	0	19.54	18.63	PASS
	MCH	1	0	21.12	20.47	PASS
		1	12	21.70	20.83	PASS
		1	24	21.48	20.86	PASS
		12	0	20.27	19.46	PASS
		12	6	20.44	19.58	PASS
		12	13	20.43	19.64	PASS
		25	0	20.41	19.47	PASS
	HCH	1	0	21.76	21.05	PASS
		1	12	21.96	21.22	PASS
		1	24	21.37	20.68	PASS
		12	0	20.74	19.81	PASS
		12	6	20.66	19.79	PASS
		12	13	20.46	19.62	PASS
		25	0	20.61	19.72	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	20.54	19.88	PASS
		1	24	20.87	20.20	PASS
		1	49	21.15	20.51	PASS
		25	0	19.71	18.79	PASS
		25	12	19.72	18.82	PASS
		25	25	20.01	19.10	PASS
		50	0	19.78	18.85	PASS
	MCH	1	0	20.93	20.41	PASS
		1	24	21.56	21.02	PASS
		1	49	21.78	21.21	PASS
		25	0	20.23	19.32	PASS
		25	12	20.41	19.51	PASS
		25	25	20.60	19.72	PASS
		50	0	20.34	19.47	PASS
	HCH	1	0	21.77	21.15	PASS
		1	24	21.93	21.28	PASS
		1	49	21.42	20.81	PASS
		25	0	21.01	20.12	PASS
		25	12	20.85	19.93	PASS
		25	25	20.63	19.77	PASS
		50	0	20.81	19.85	PASS

F.2 Peak-to-Average Ratio

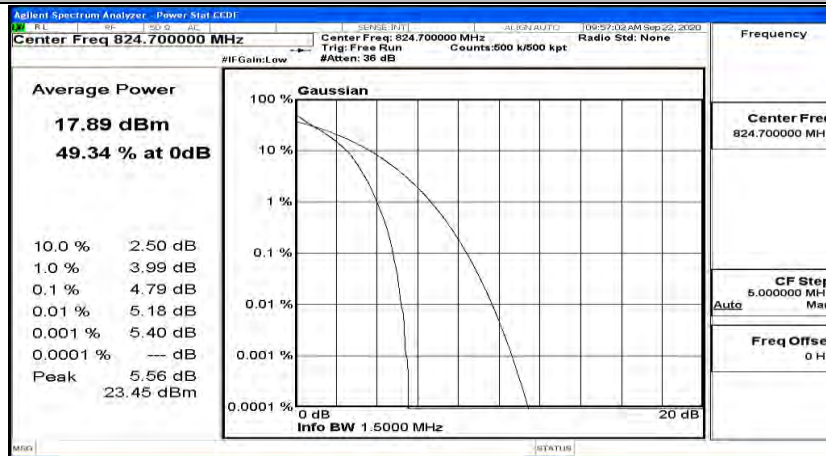
Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.79	<13	PASS
	MCH	5.61	<13	PASS
	HCH	5.59	<13	PASS
16QAM	LCH	5.73	<13	PASS
	MCH	6.56	<13	PASS
	HCH	6.62	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.54	<13	PASS
	MCH	5.7	<13	PASS
	HCH	5.48	<13	PASS
16QAM	LCH	5.48	<13	PASS
	MCH	6.54	<13	PASS
	HCH	6.31	<13	PASS

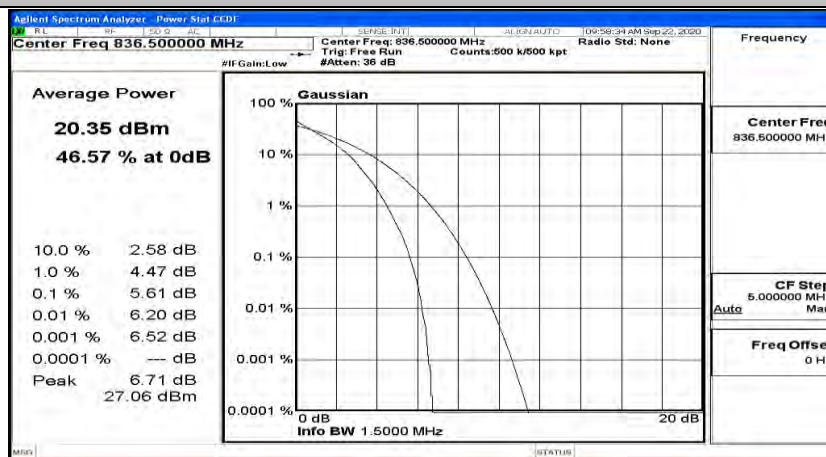
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.37	<13	PASS
	MCH	5.65	<13	PASS
	HCH	5.27	<13	PASS
16QAM	LCH	5.12	<13	PASS
	MCH	6.39	<13	PASS
	HCH	5.96	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.09	<13	PASS
	MCH	5.53	<13	PASS
	HCH	4.91	<13	PASS
16QAM	LCH	5.74	<13	PASS
	MCH	6.29	<13	PASS
	HCH	5.62	<13	PASS

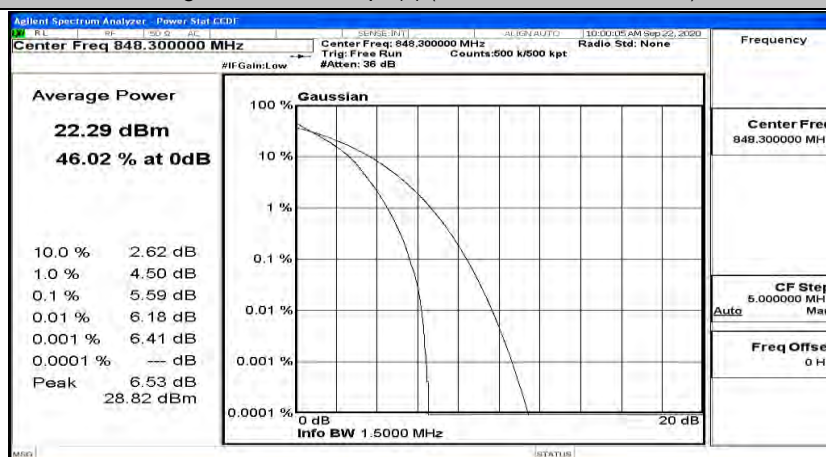
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



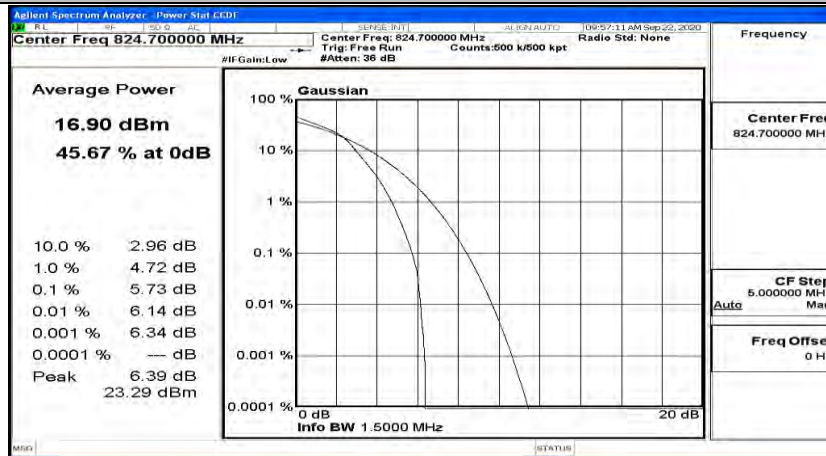
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



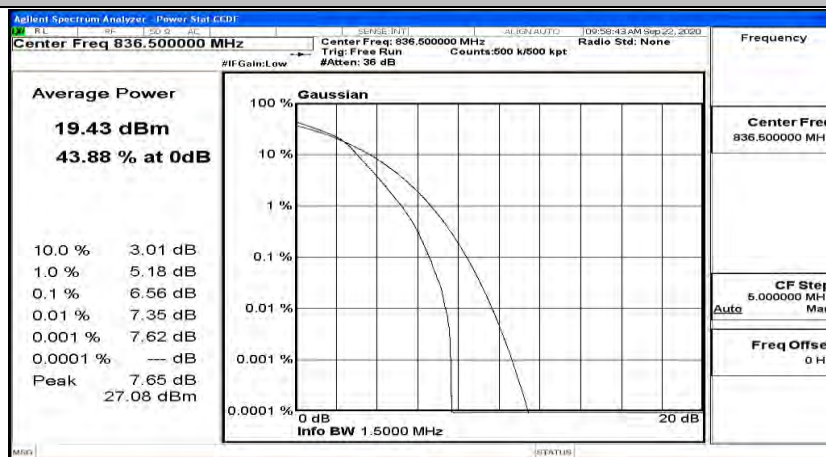
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



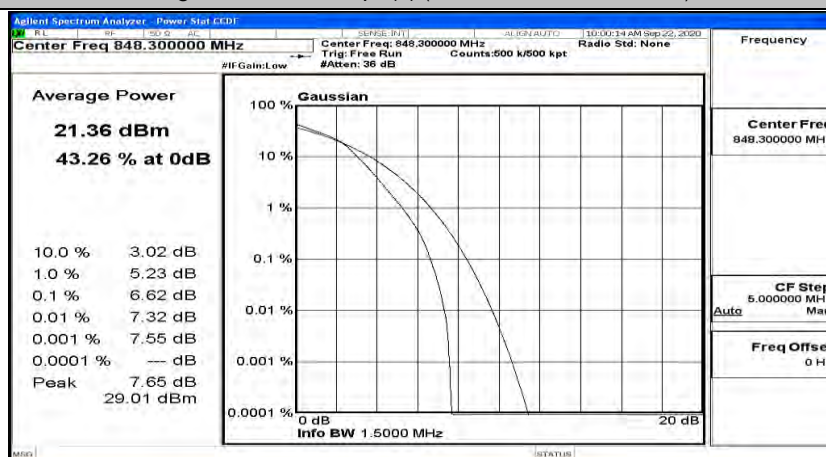
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



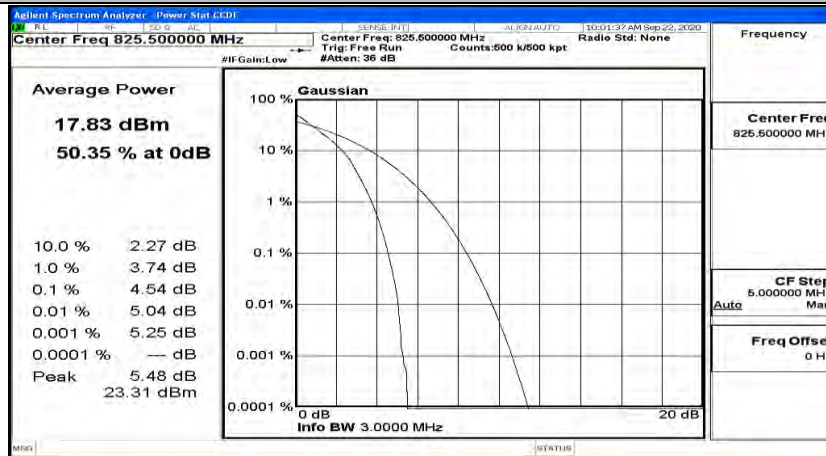
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



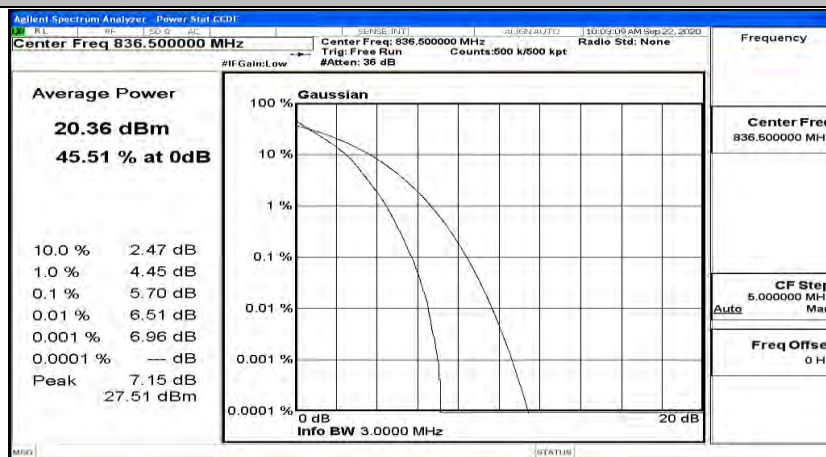
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



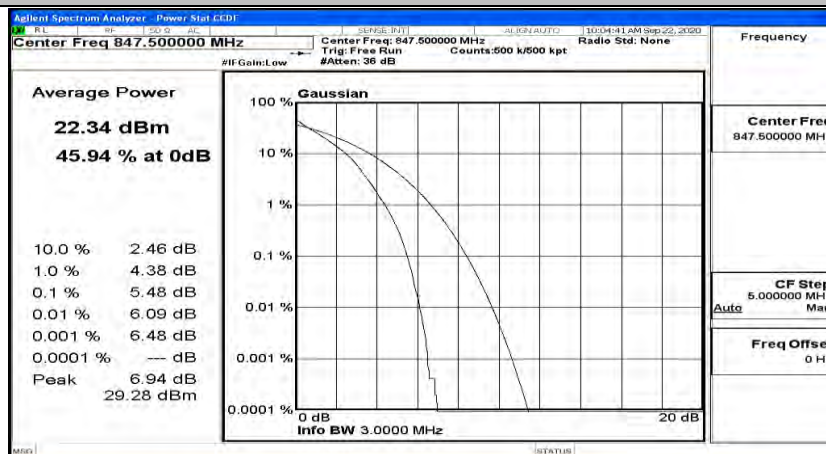
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



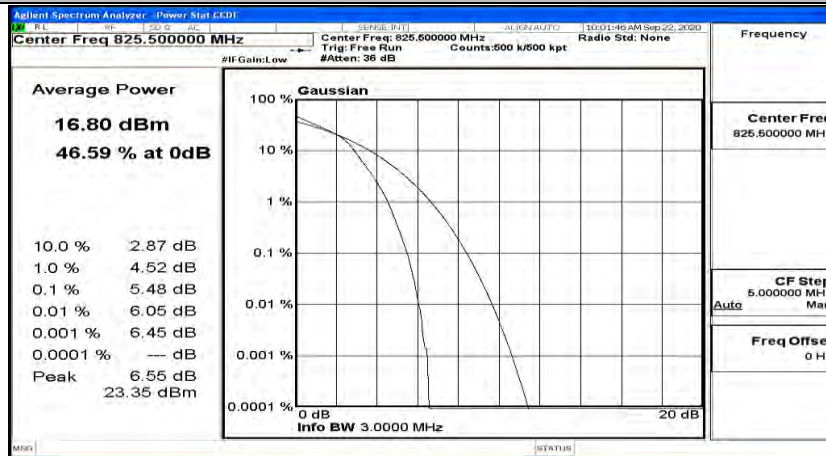
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



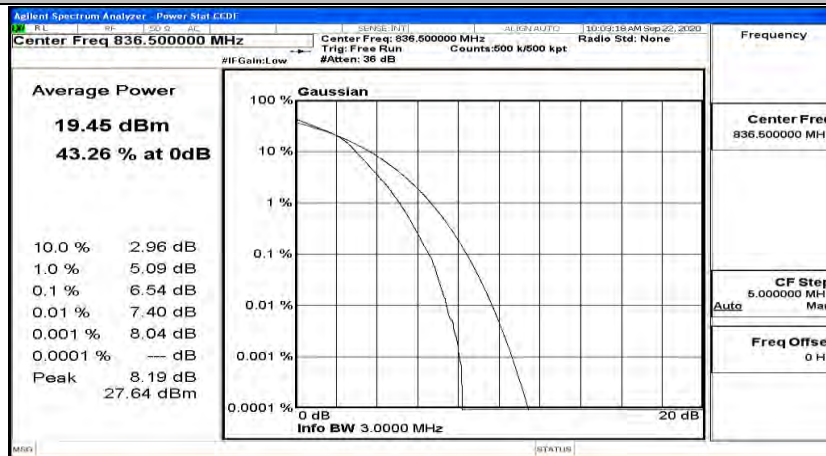
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



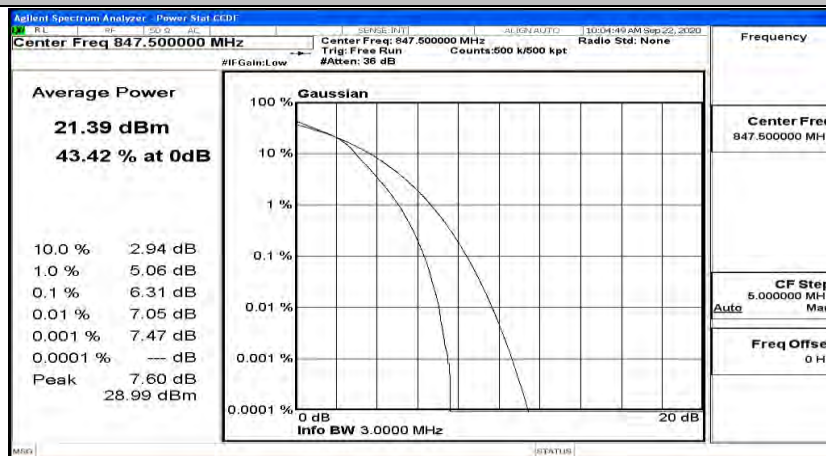
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



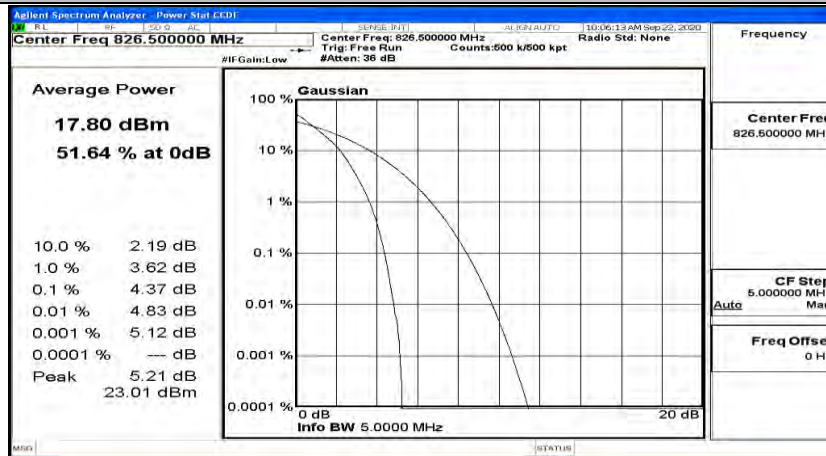
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



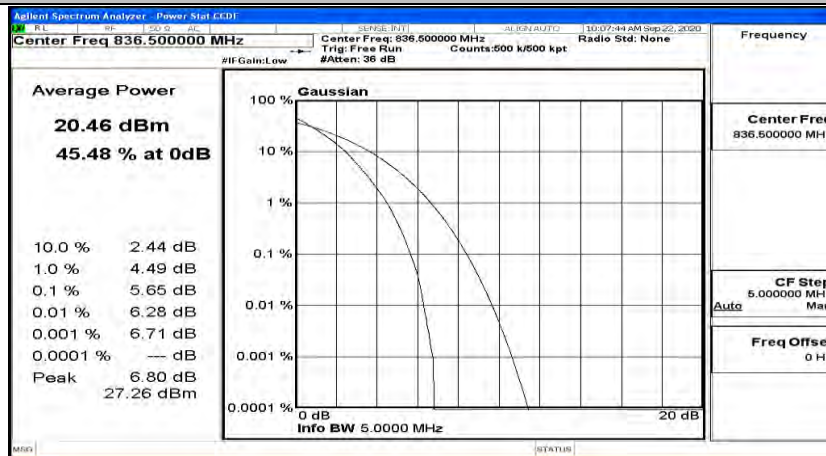
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



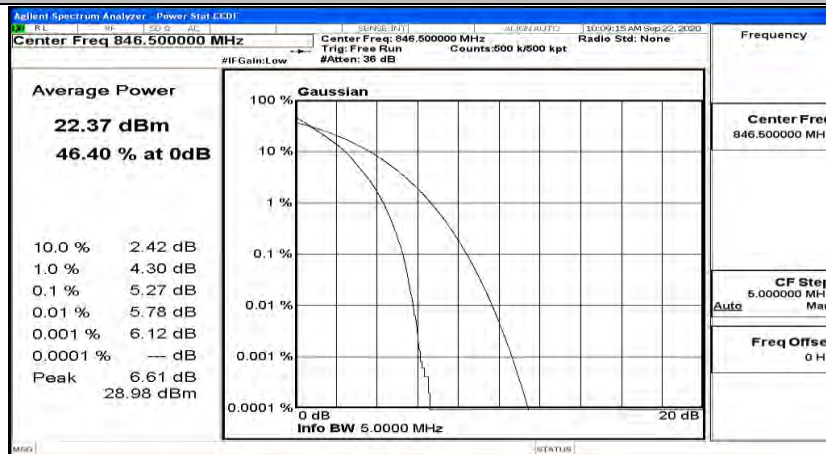
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



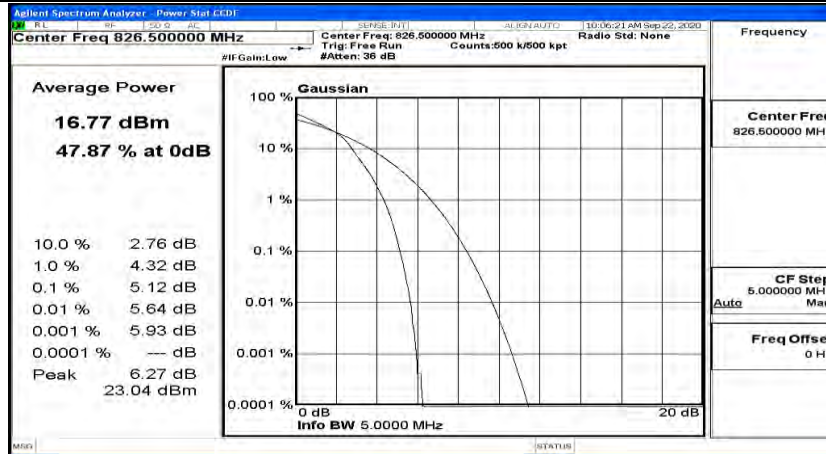
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



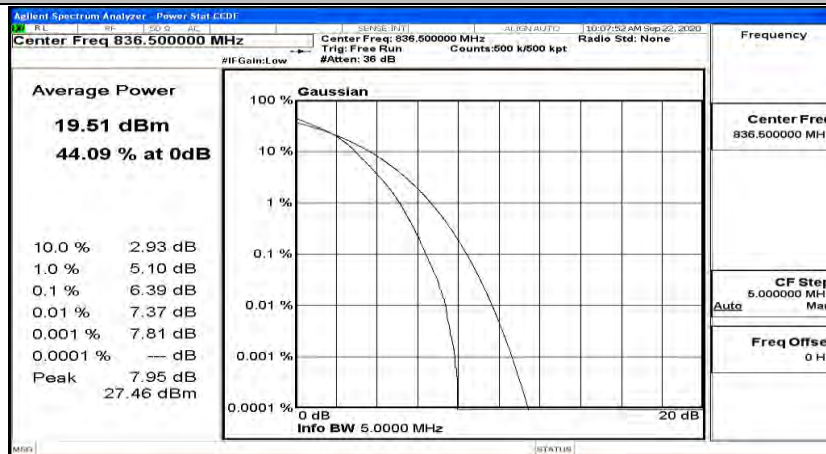
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



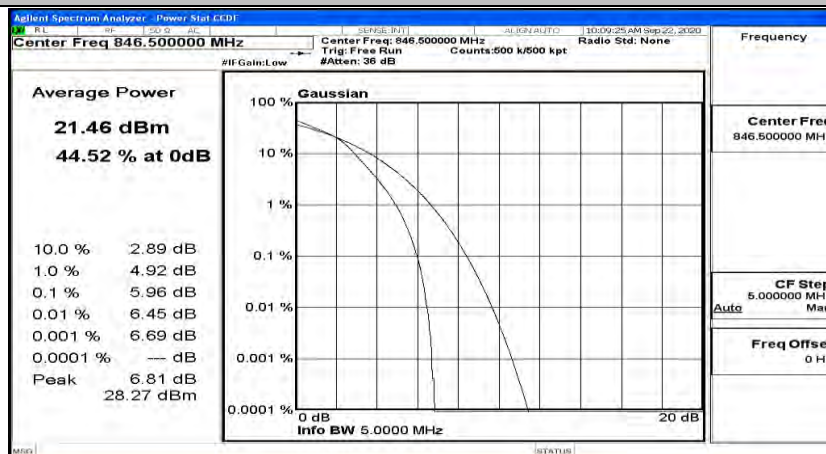
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



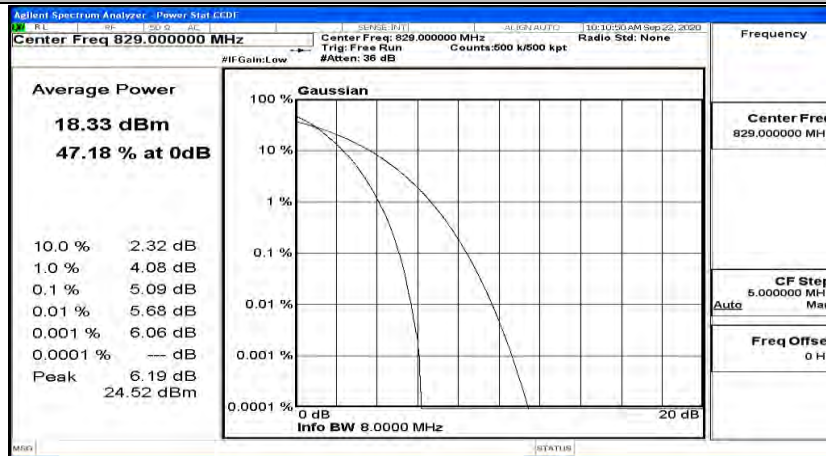
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



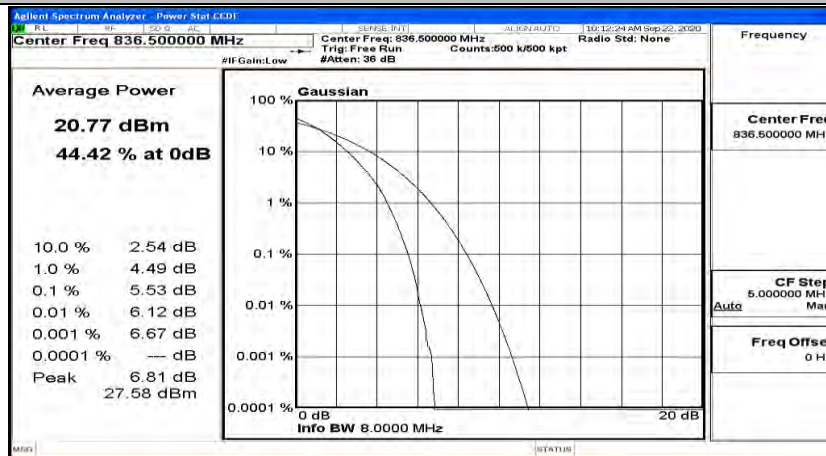
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



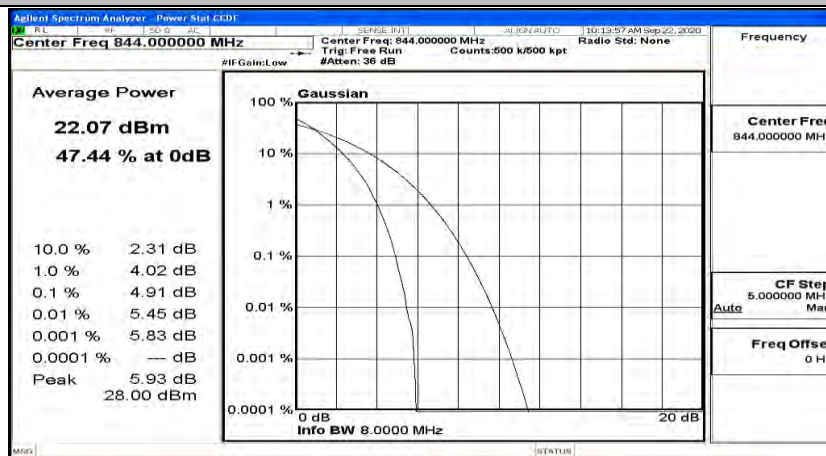
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) _LCH_QPSK



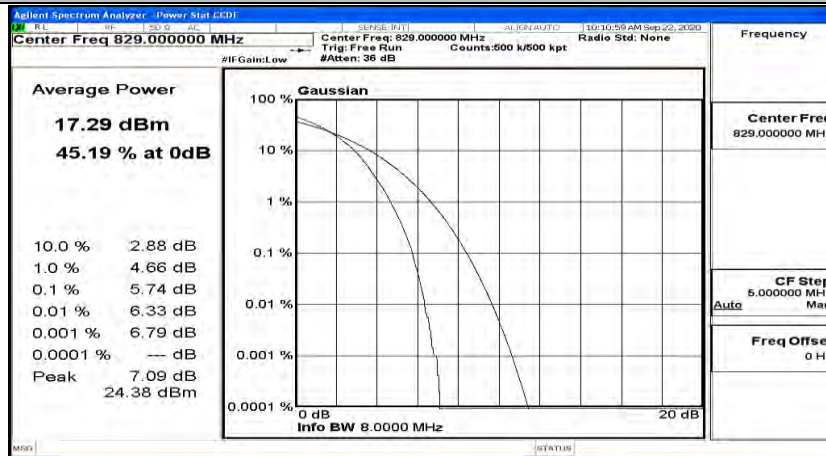
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) _MCH_QPSK



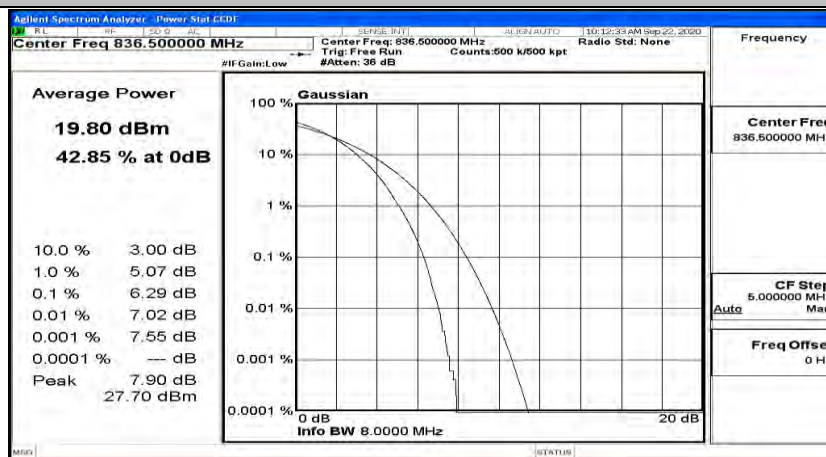
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) _HCH_QPSK



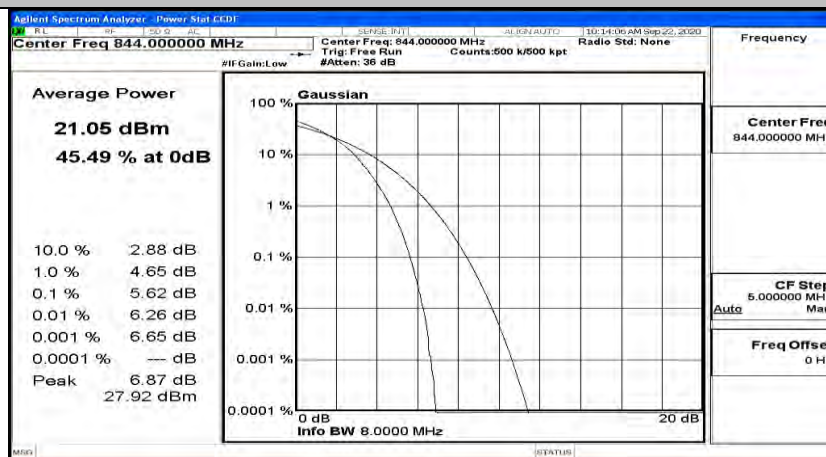
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



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



F.3 26dB Bandwidth and Occupied Bandwidth

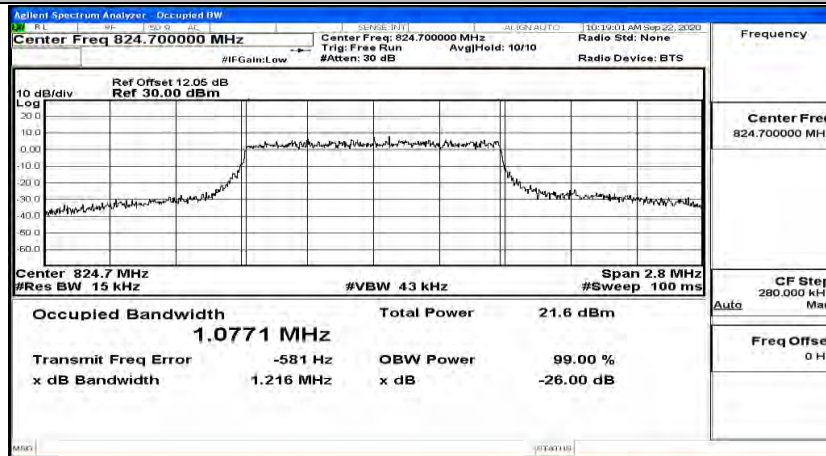
EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0771	1.216	PASS
	MCH	1.0755	1.256	PASS
	HCH	1.0748	1.212	PASS
16QAM	LCH	1.0754	1.236	PASS
	MCH	1.0791	1.248	PASS
	HCH	1.0787	1.214	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6794	2.853	PASS
	MCH	2.6795	2.821	PASS
	HCH	2.6817	2.828	PASS
16QAM	LCH	2.6794	2.847	PASS
	MCH	2.6825	2.837	PASS
	HCH	2.6806	2.845	PASS

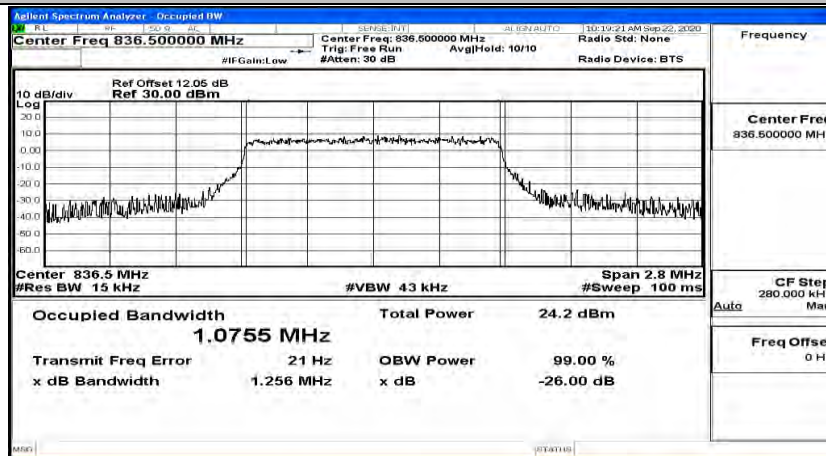
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4796	4.937	PASS
	MCH	4.4727	4.871	PASS
	HCH	4.4731	4.832	PASS
16QAM	LCH	4.4764	4.872	PASS
	MCH	4.4733	4.791	PASS
	HCH	4.4705	4.902	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9372	9.541	PASS
	MCH	8.9322	9.491	PASS
	HCH	8.9223	9.401	PASS
16QAM	LCH	8.9326	9.510	PASS
	MCH	8.9514	9.483	PASS
	HCH	8.9108	9.427	PASS

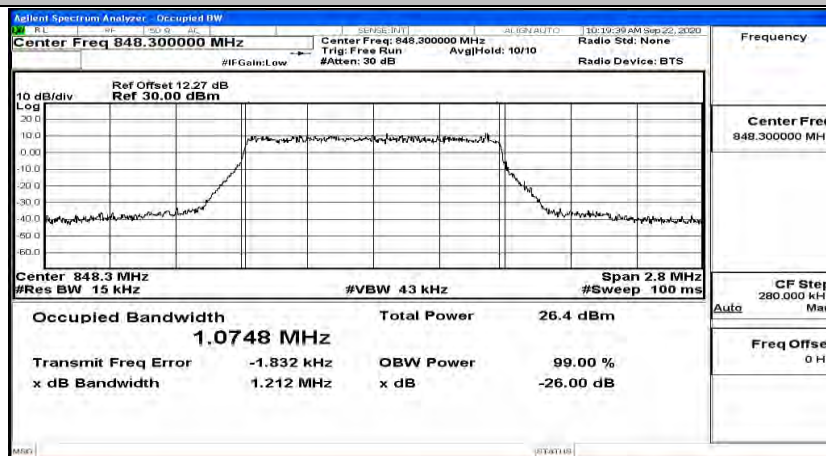
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



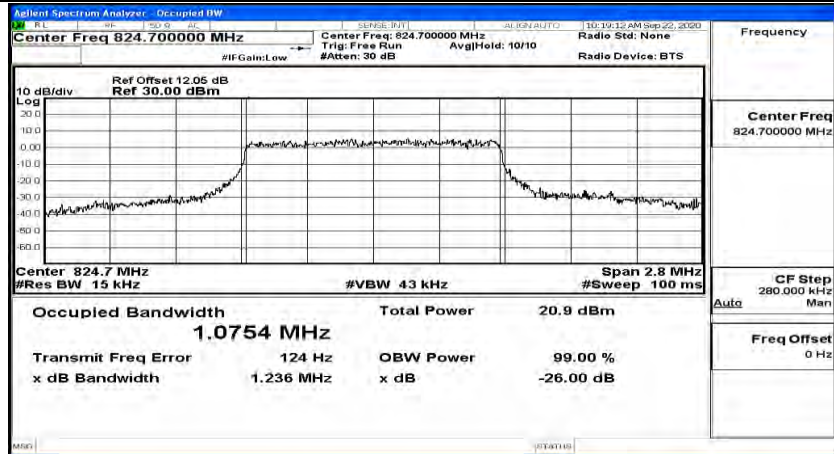
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



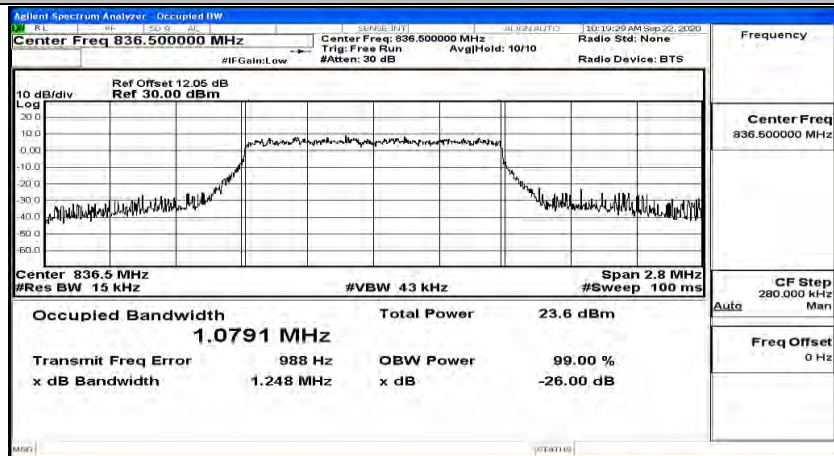
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



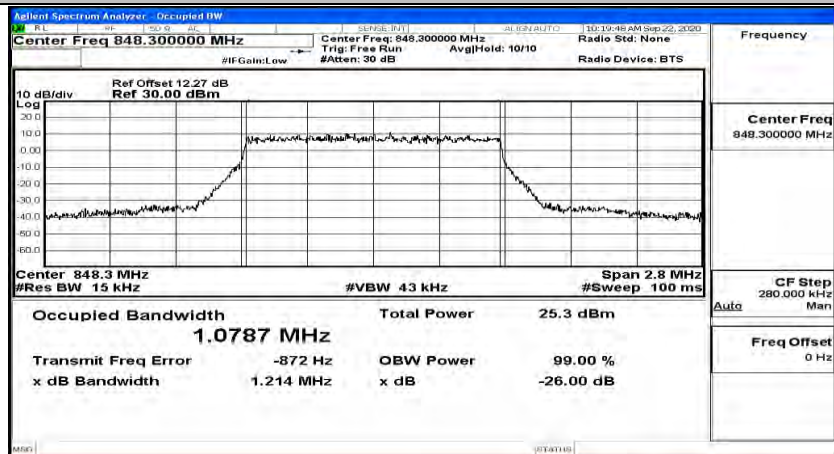
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



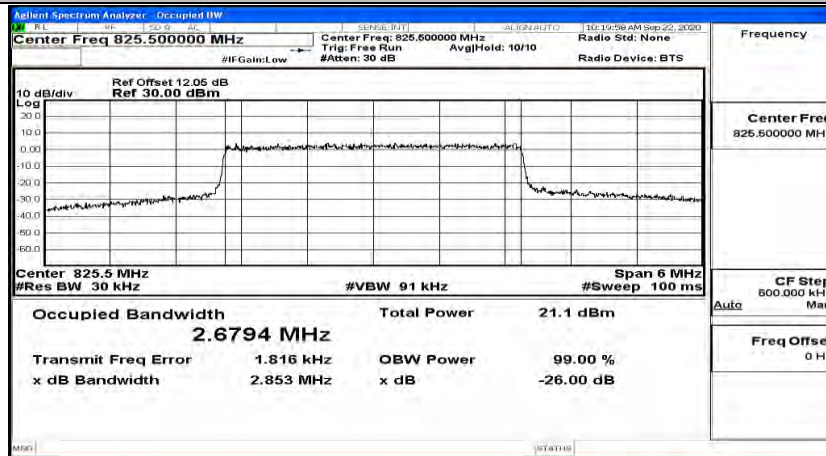
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



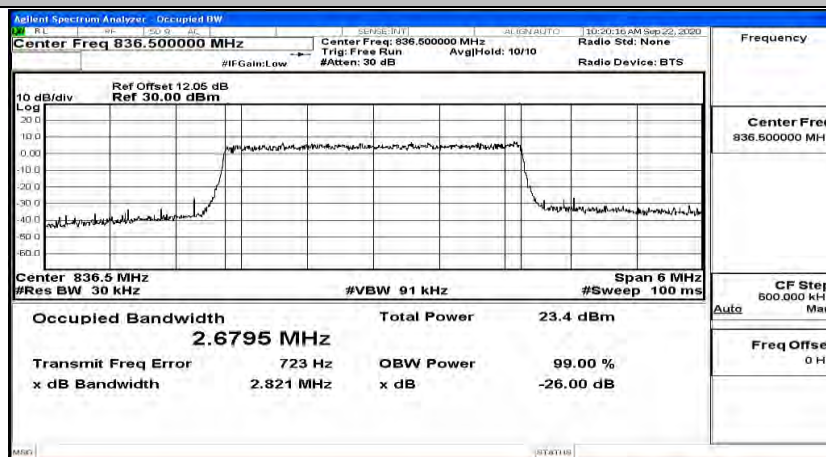
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



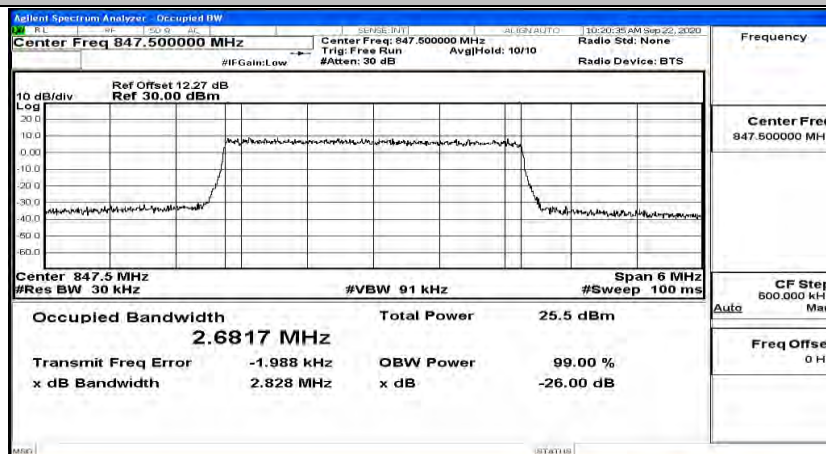
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



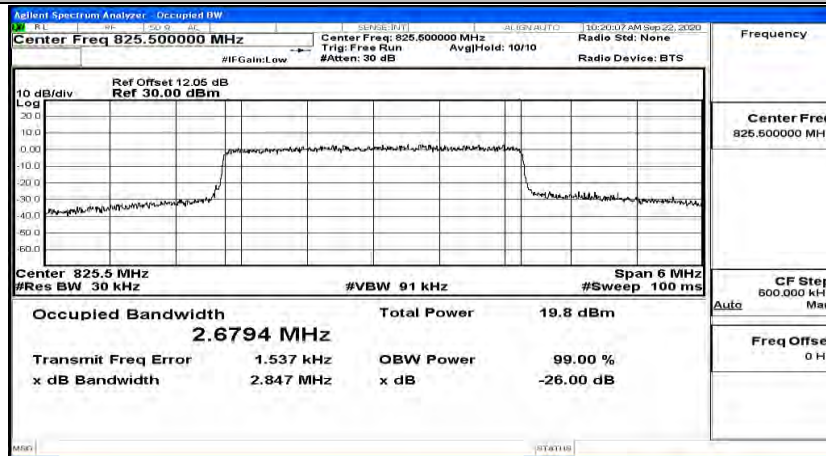
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



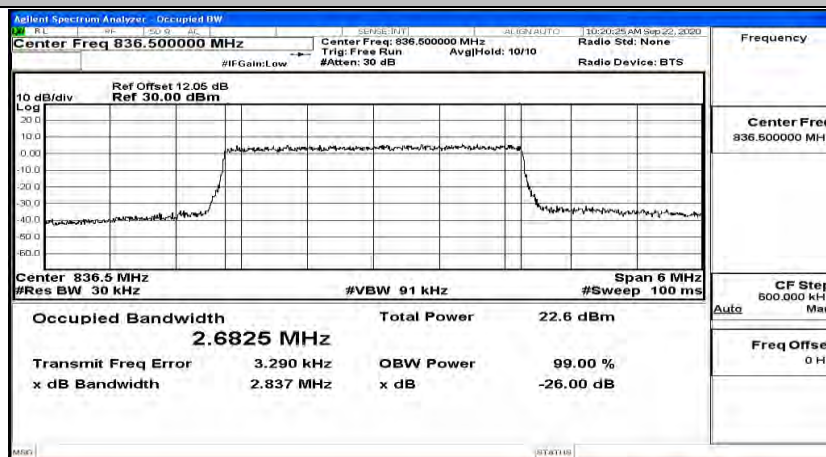
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



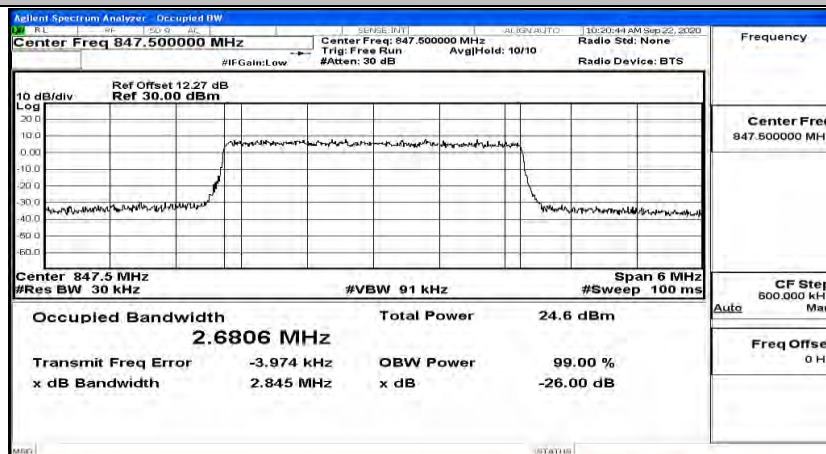
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



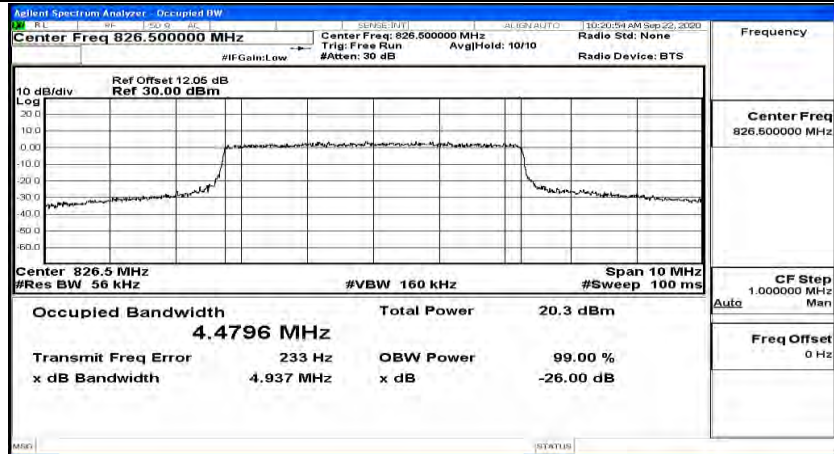
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



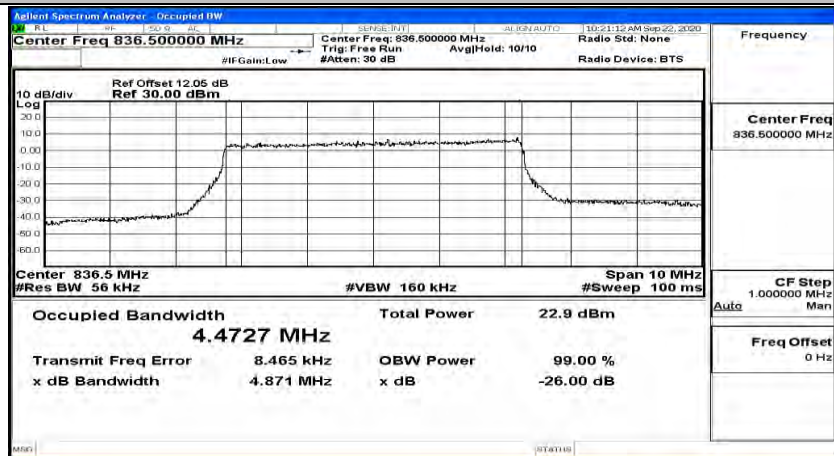
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



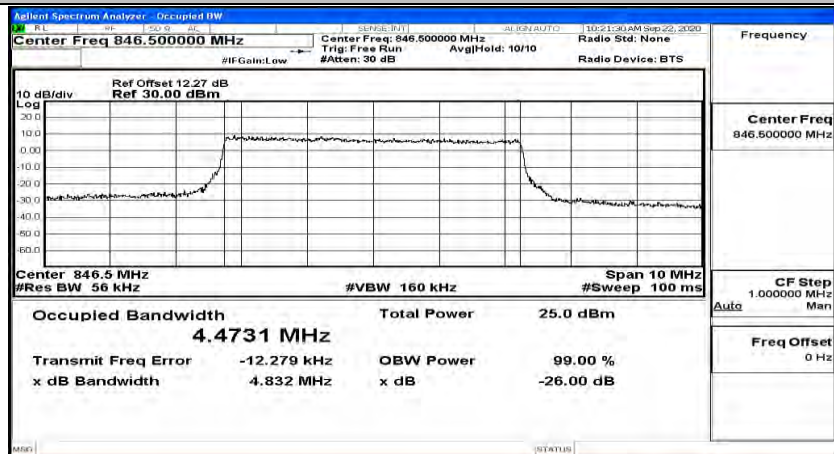
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



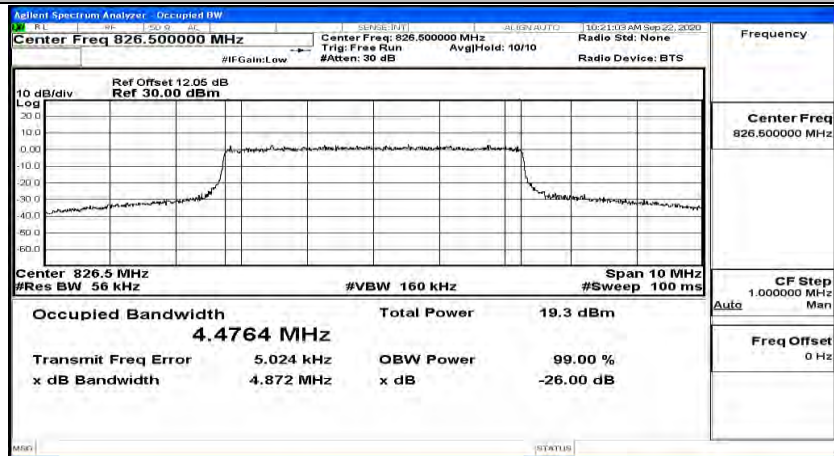
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



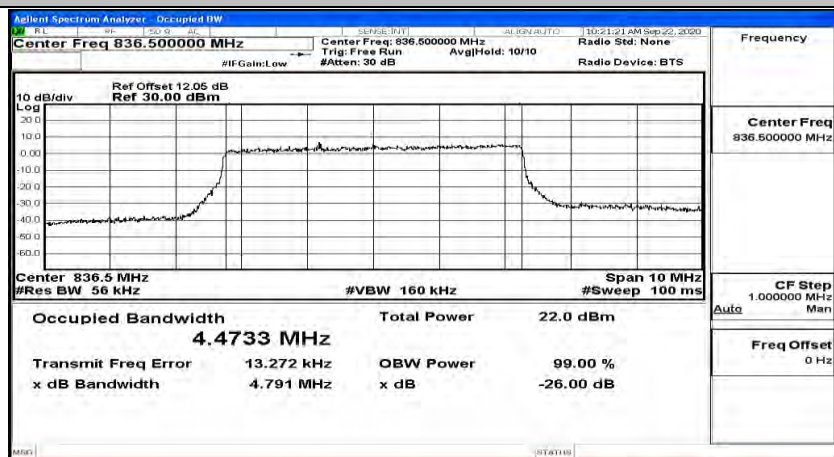
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



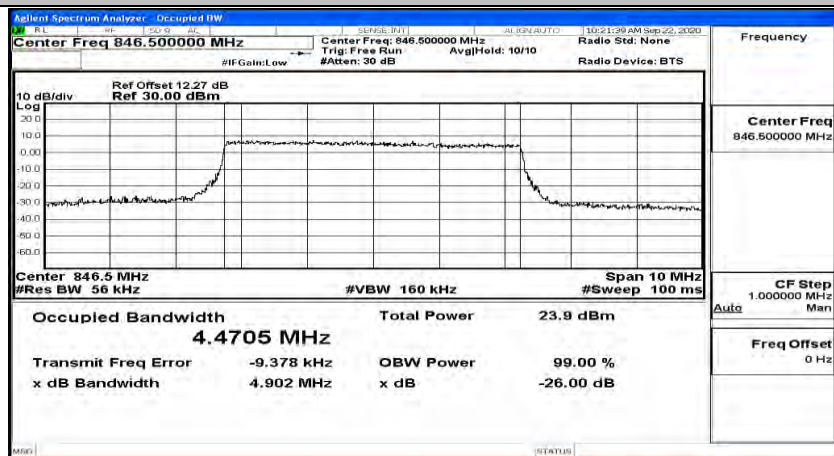
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



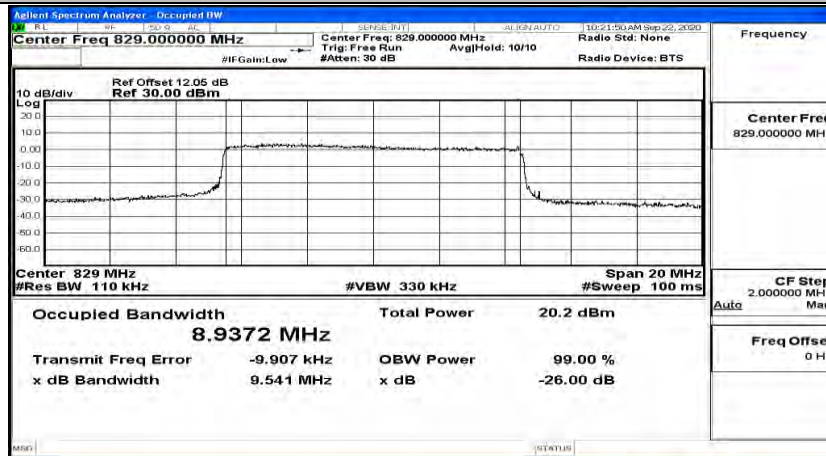
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



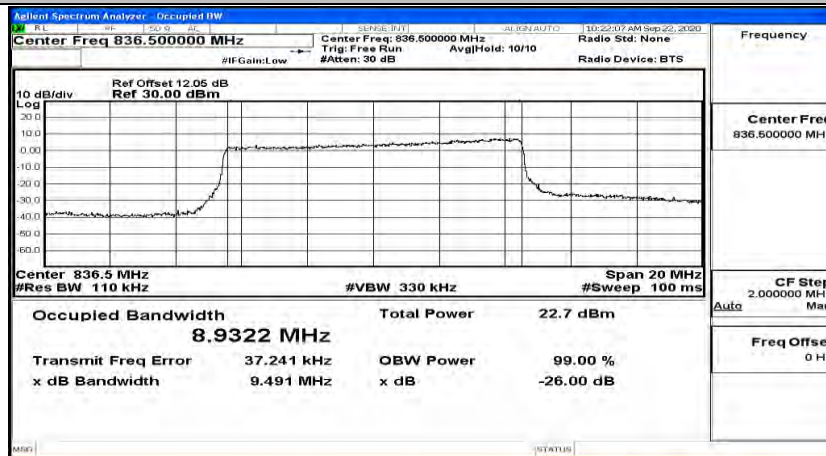
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



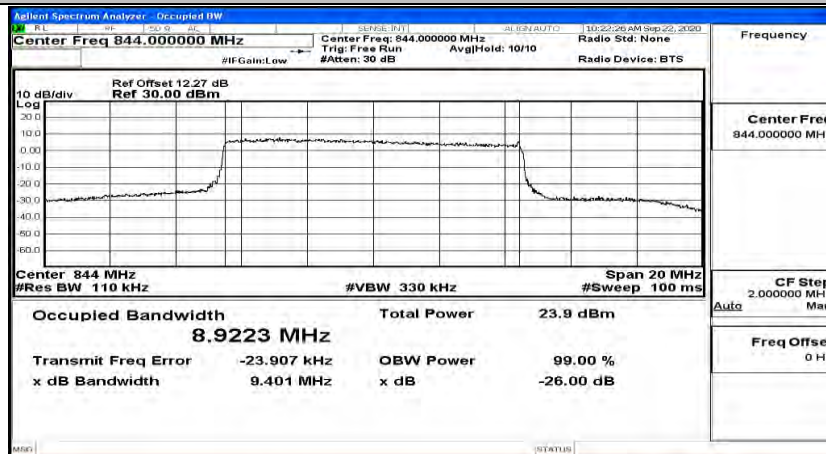
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



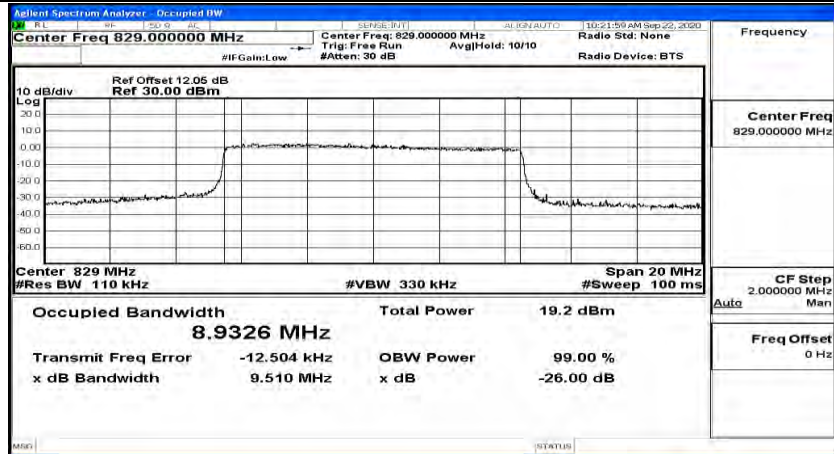
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



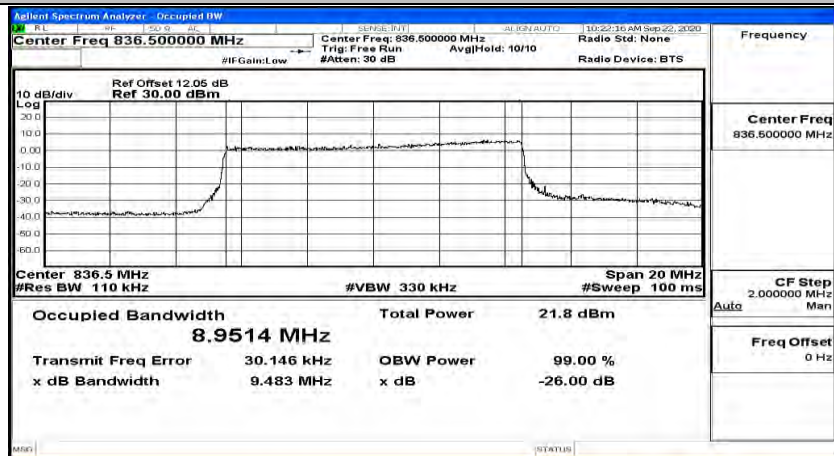
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



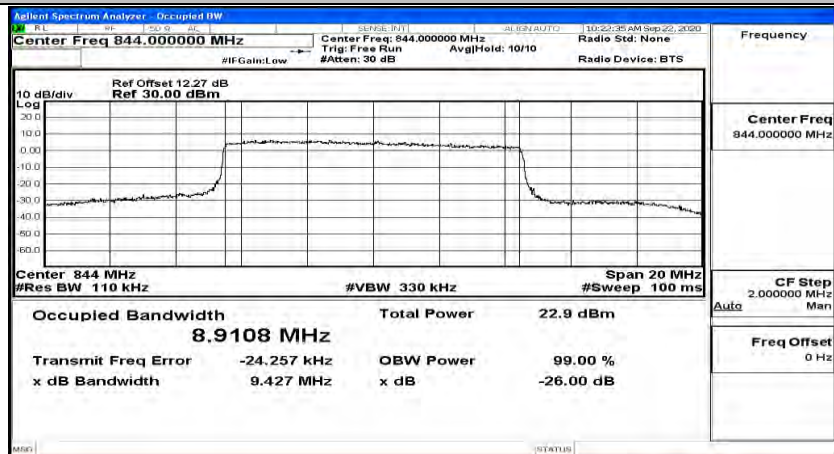
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



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

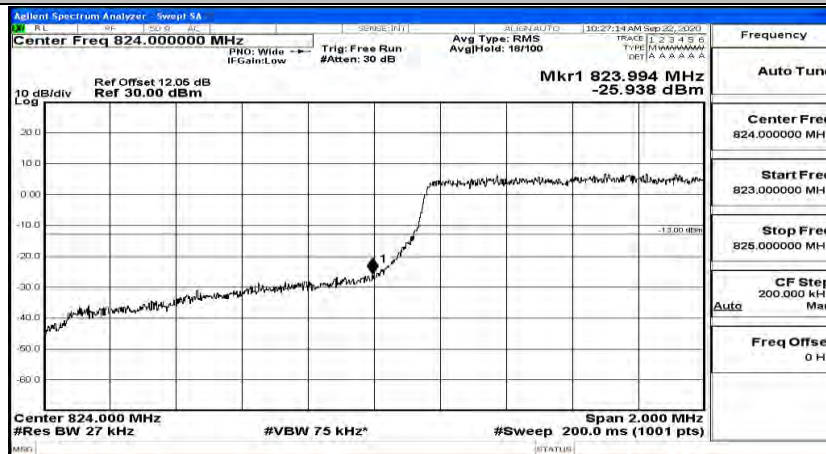


EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

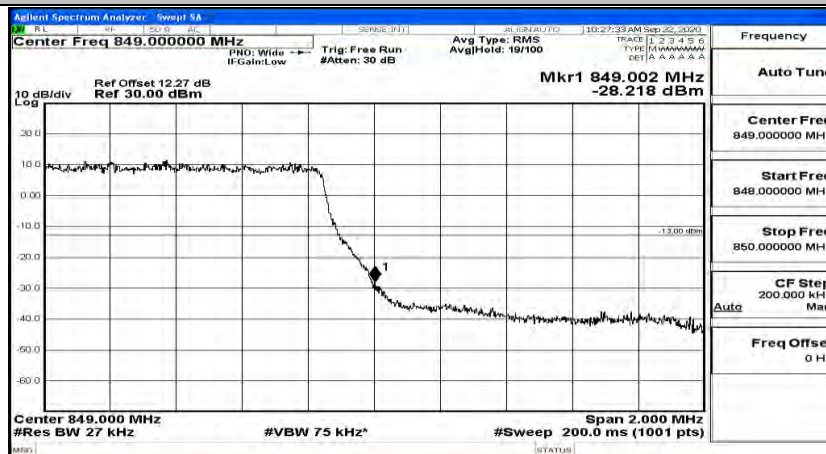


F.4 Band Edge

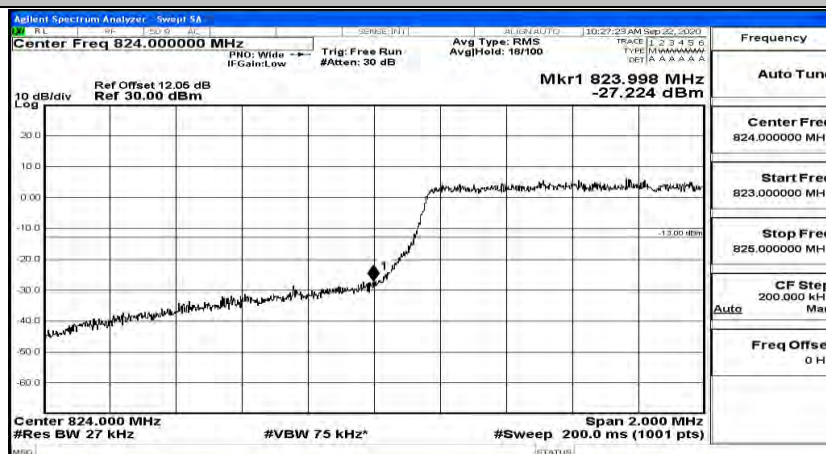
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



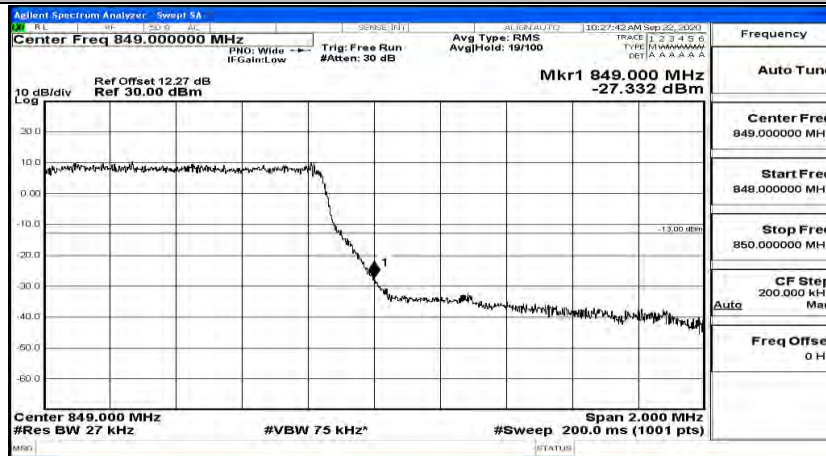
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



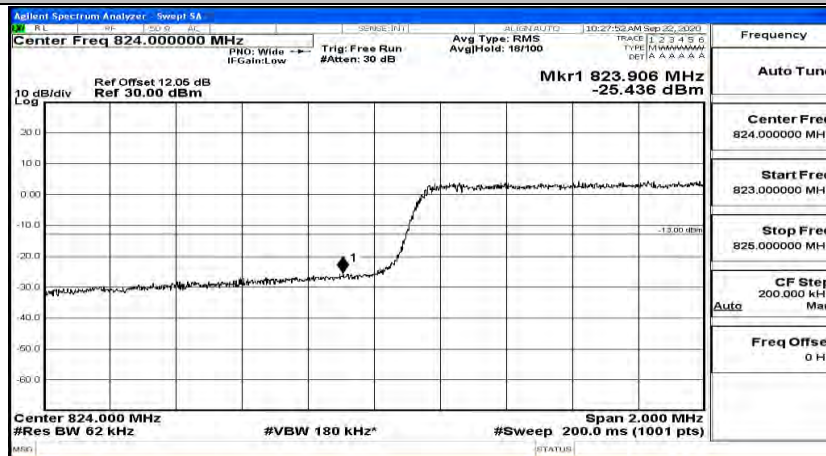
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



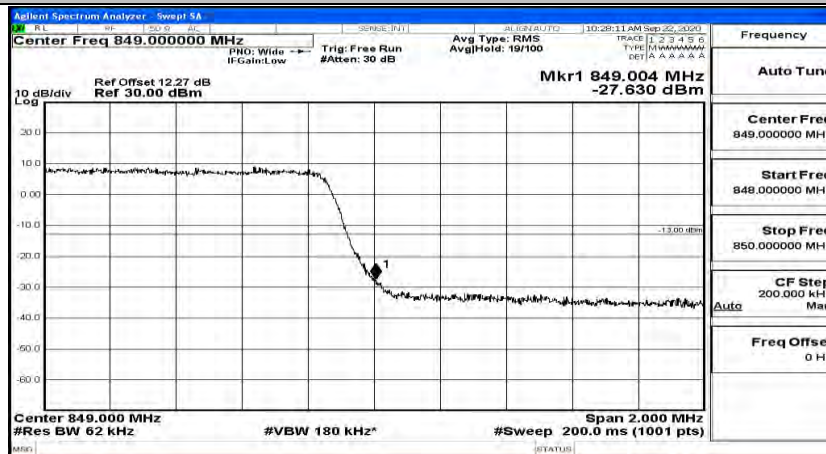
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



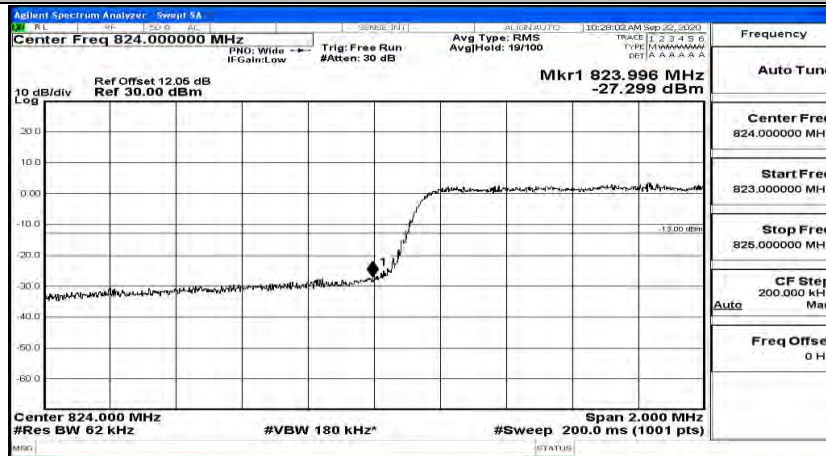
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



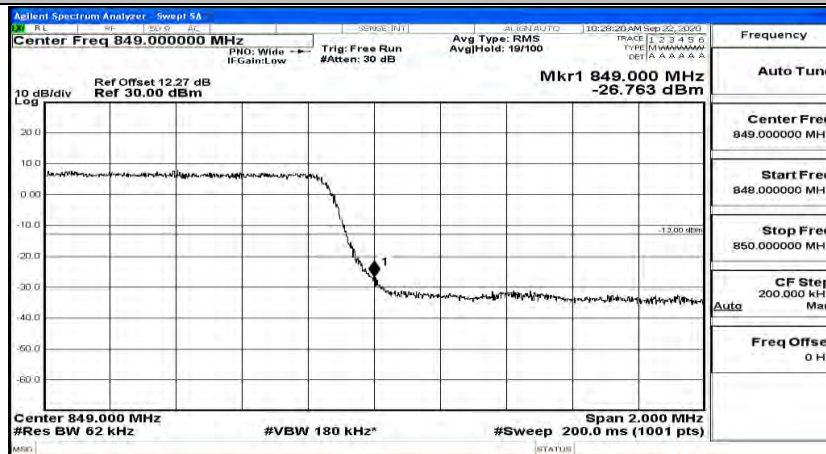
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



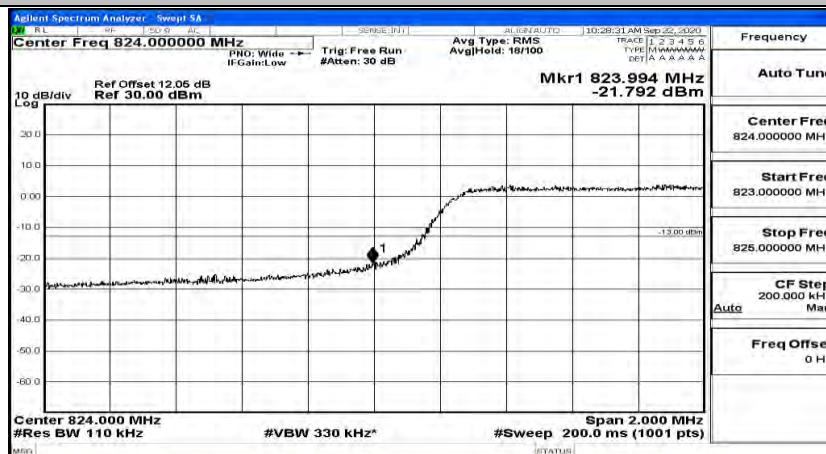
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



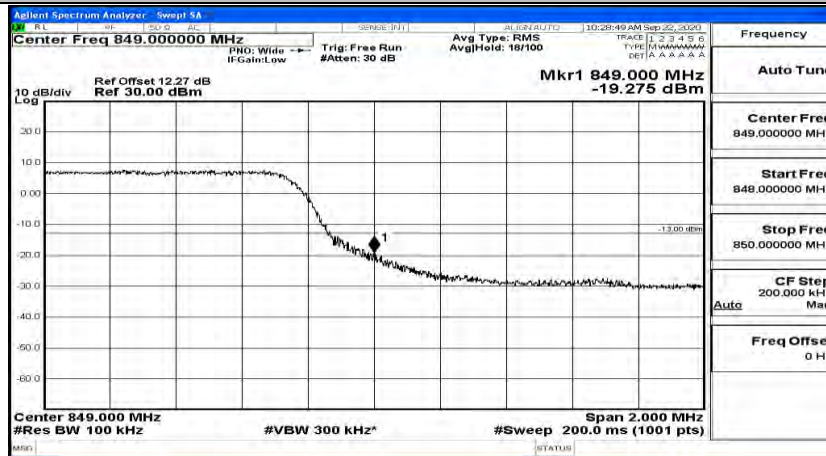
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



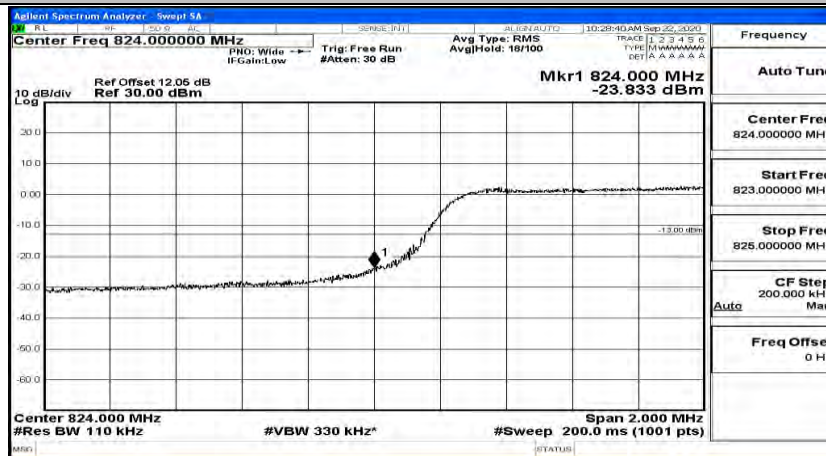
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



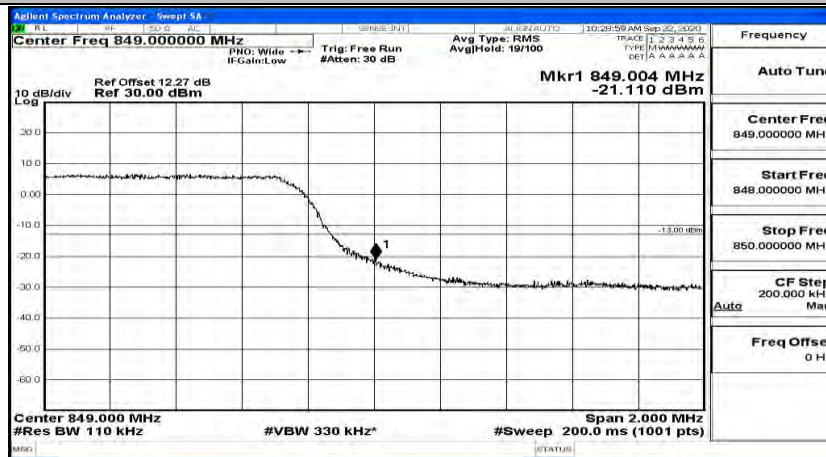
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



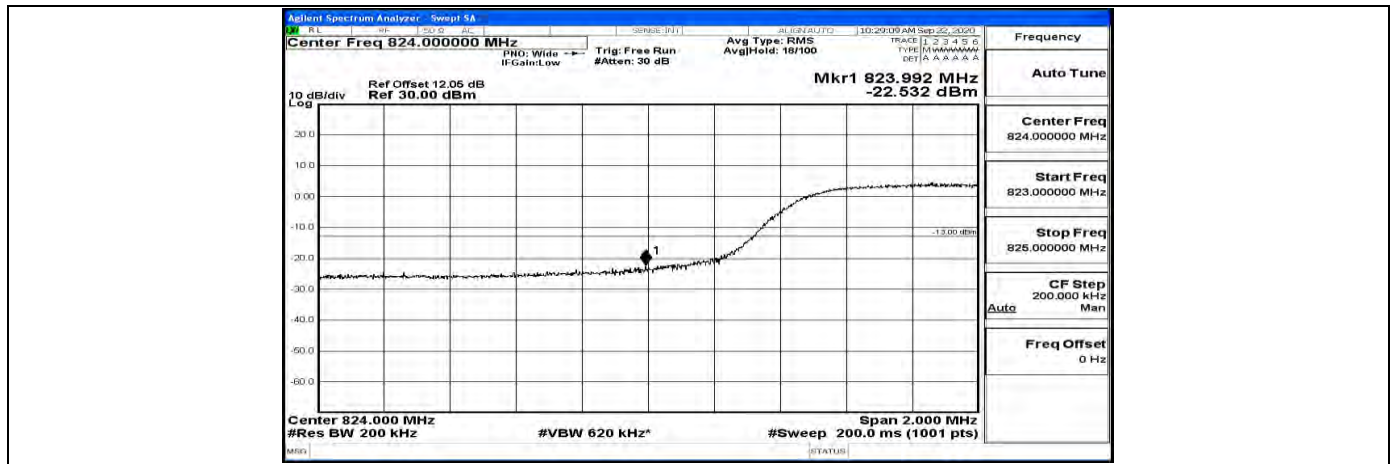
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



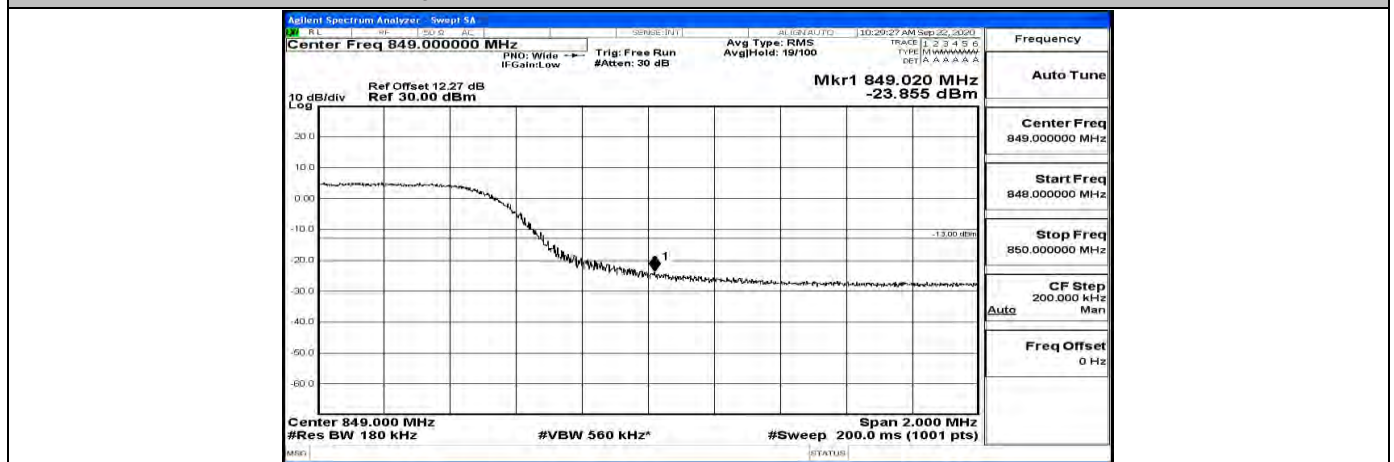
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



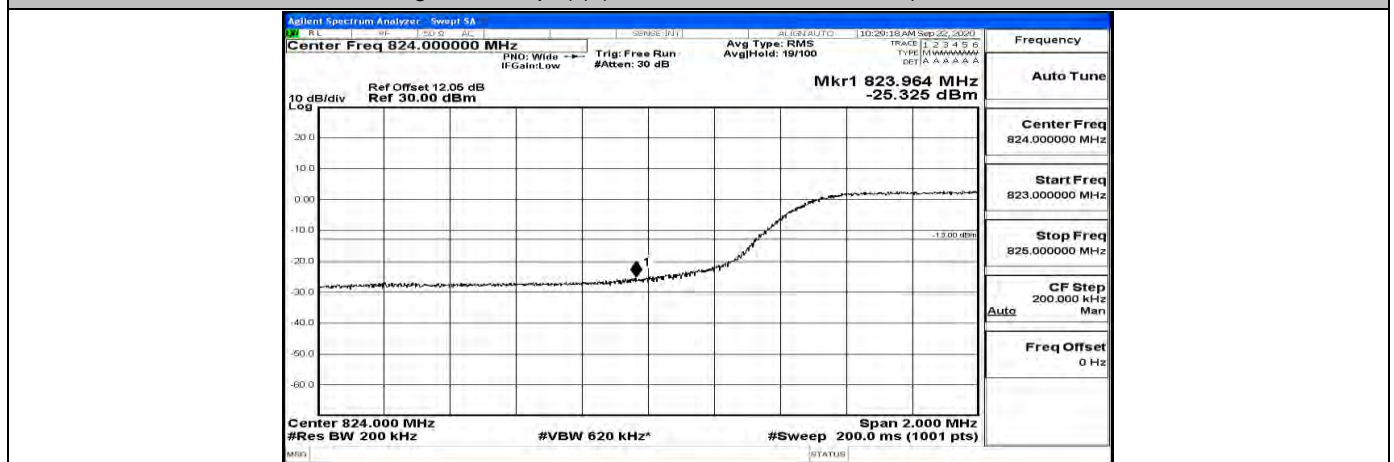
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



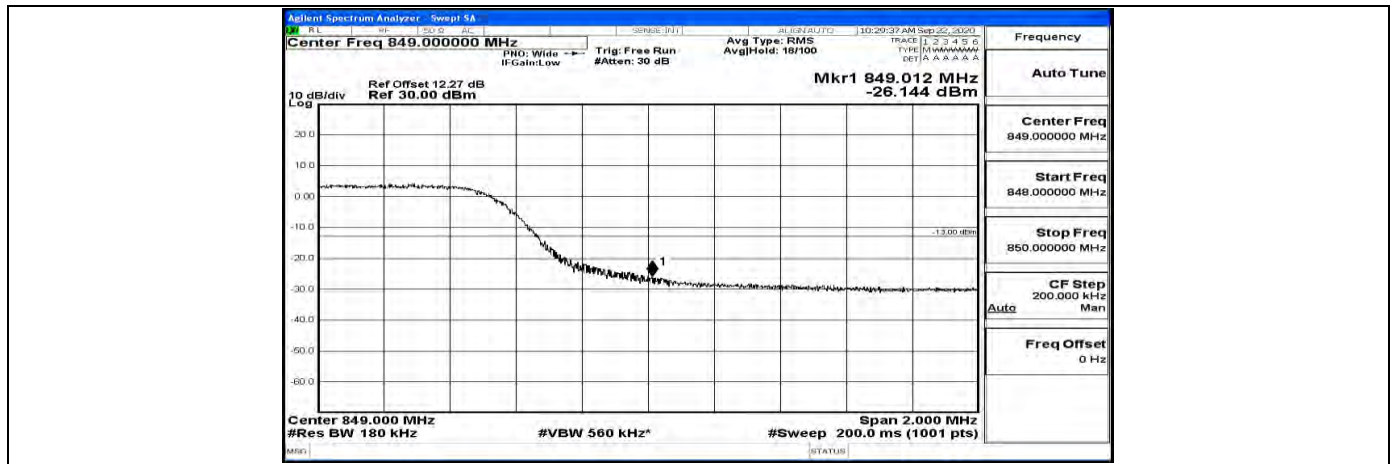
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



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

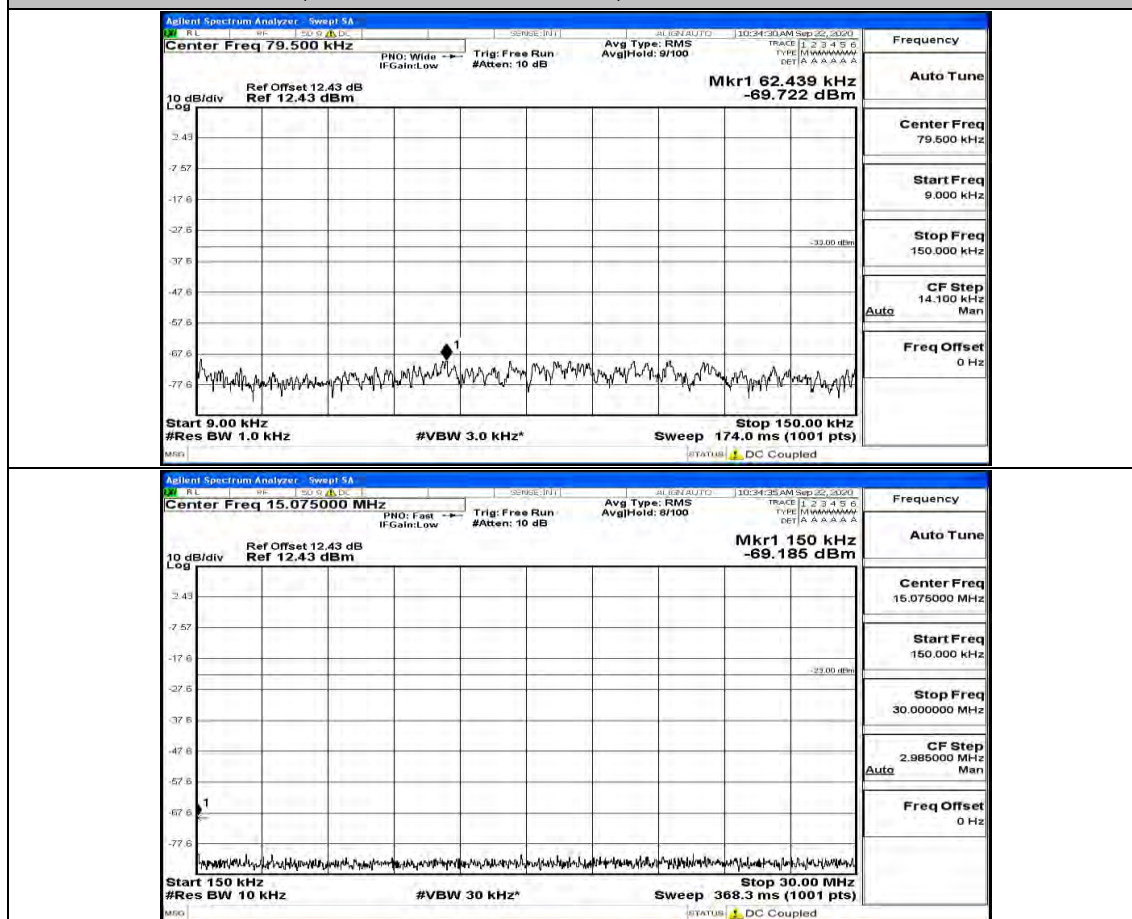


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



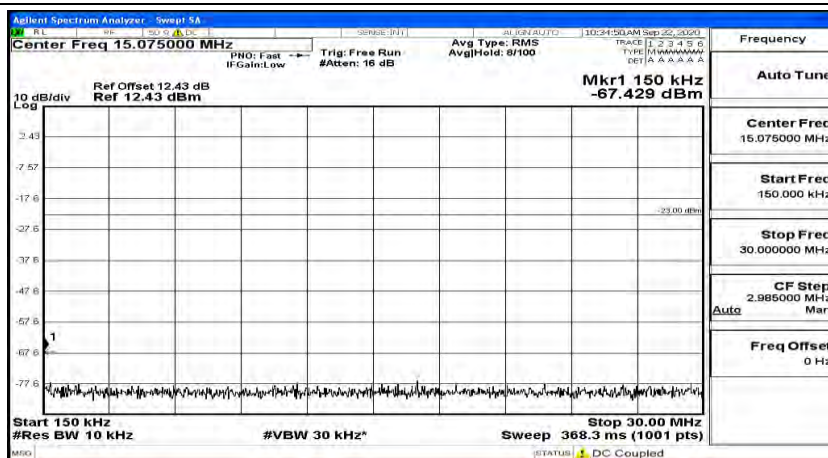
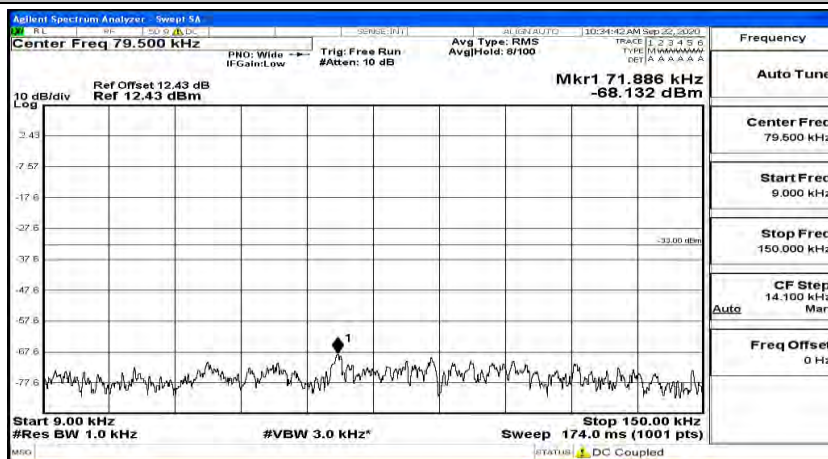
F.5 Conducted Spurious Emission

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

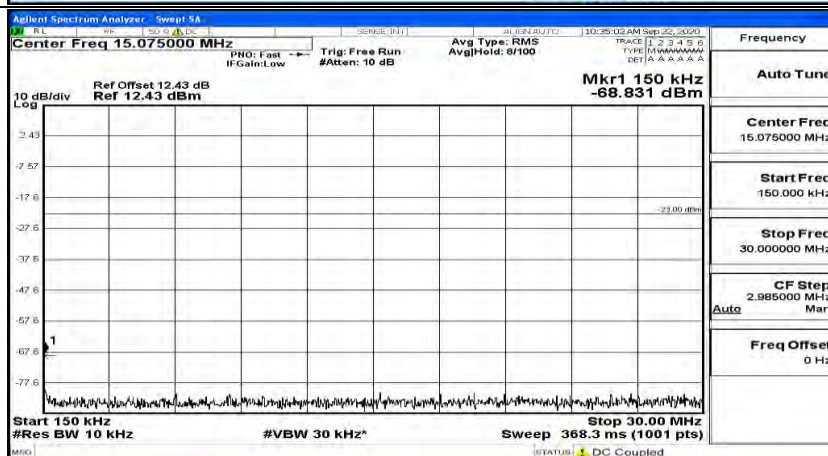
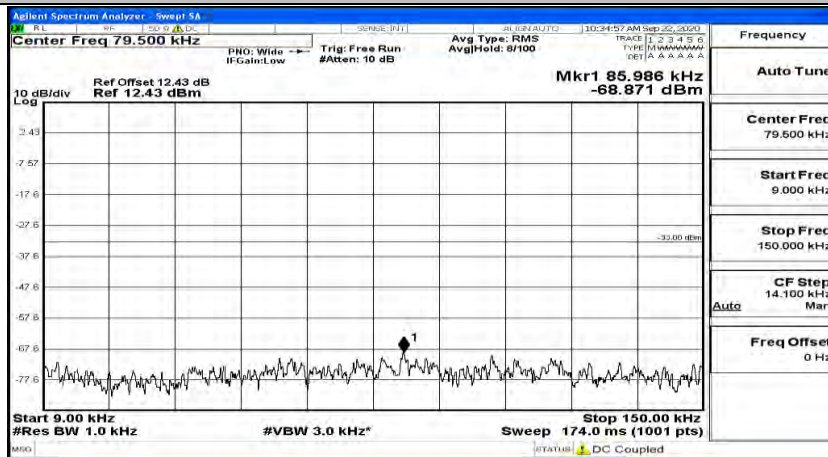




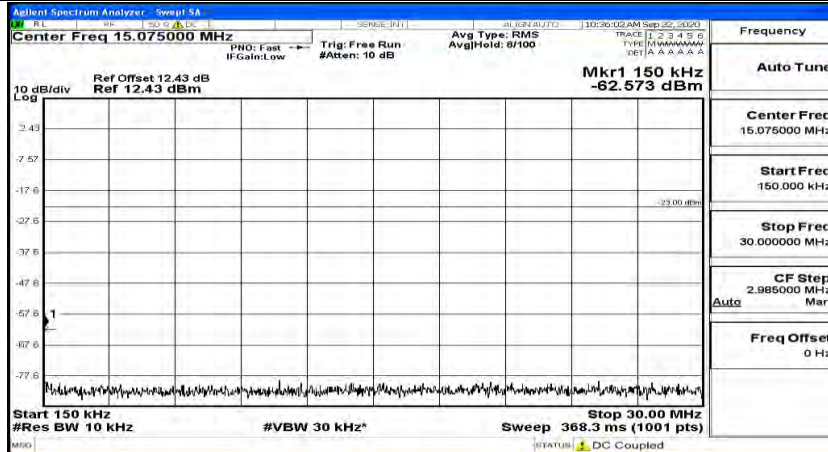
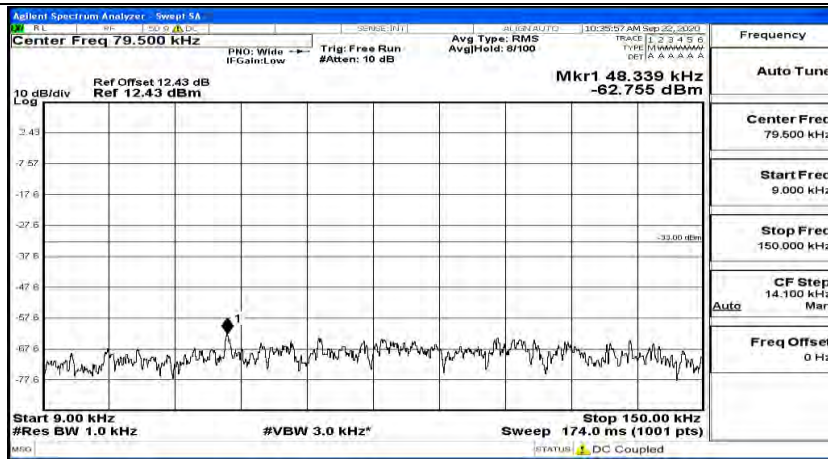
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



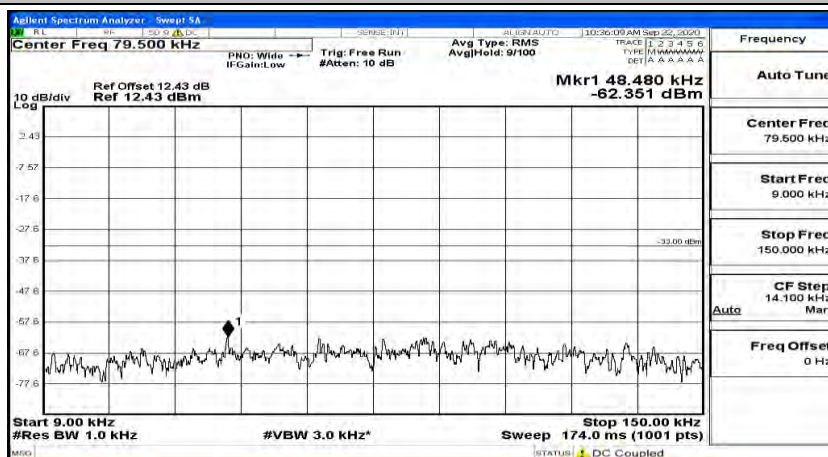
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

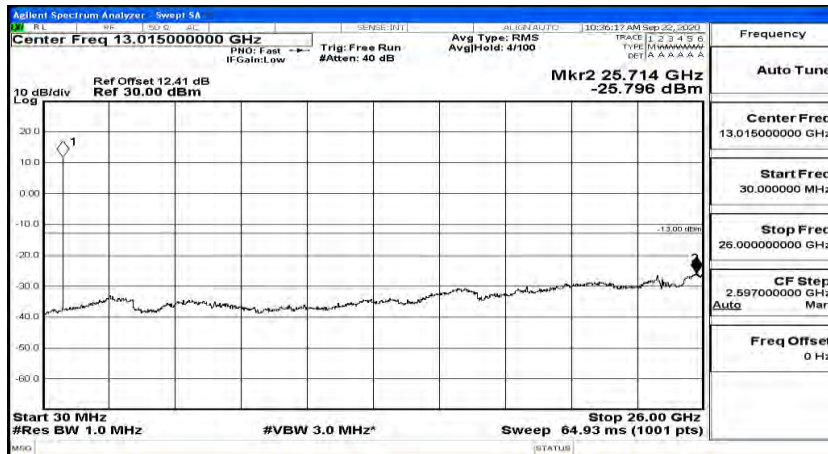
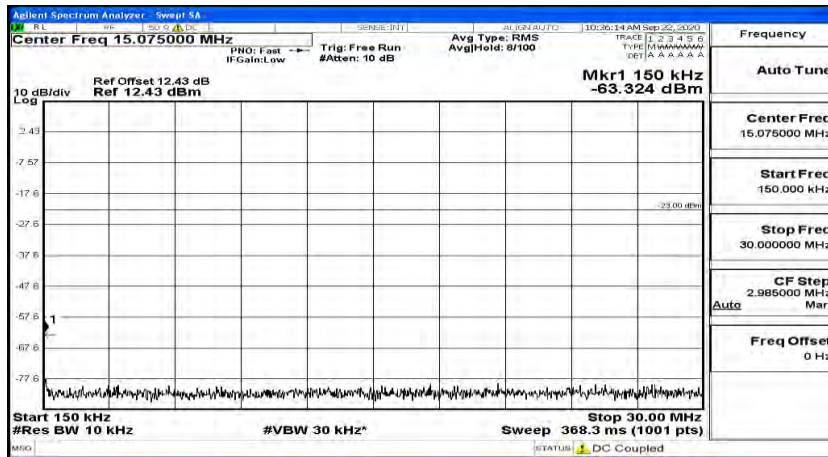


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0

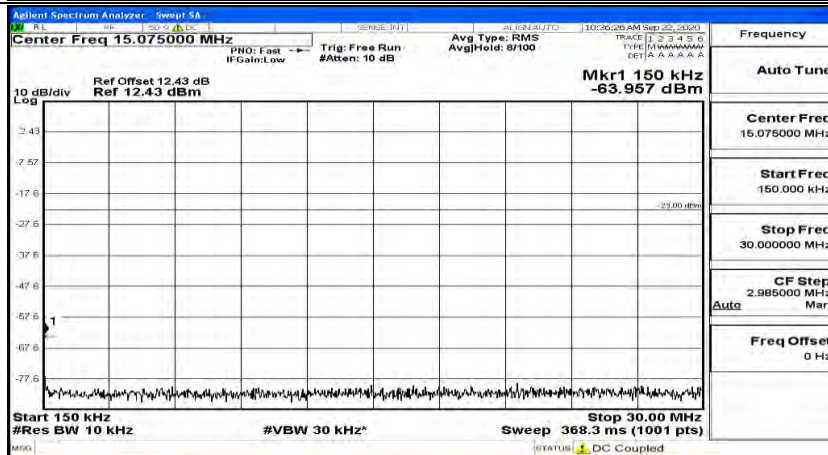
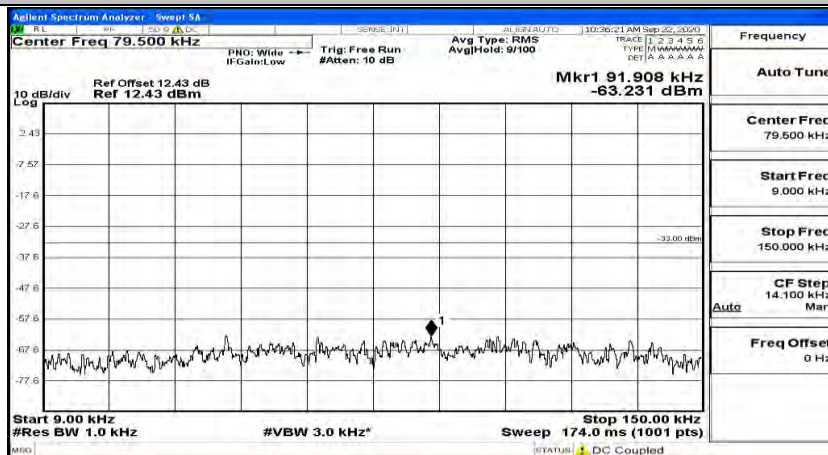


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



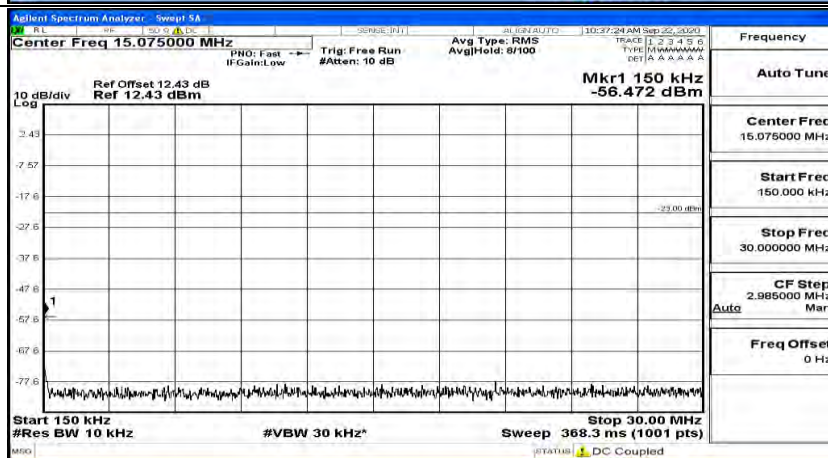
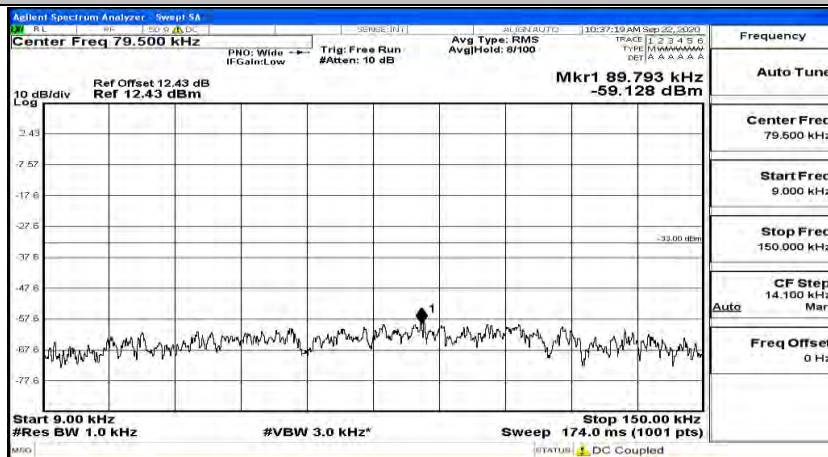


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

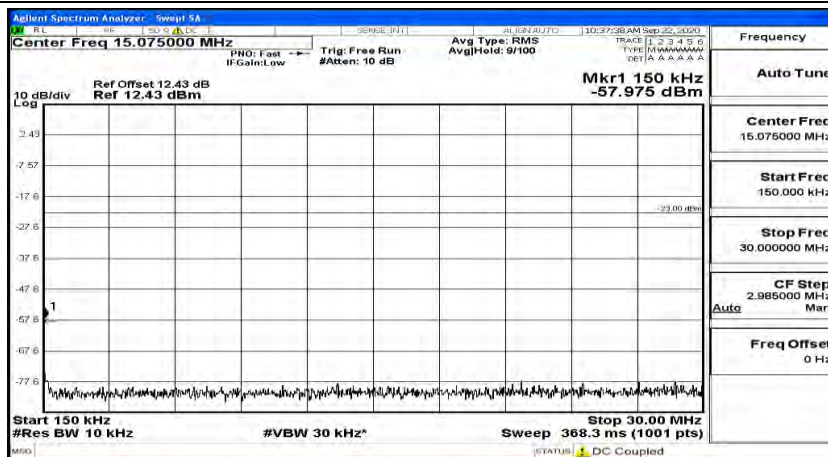
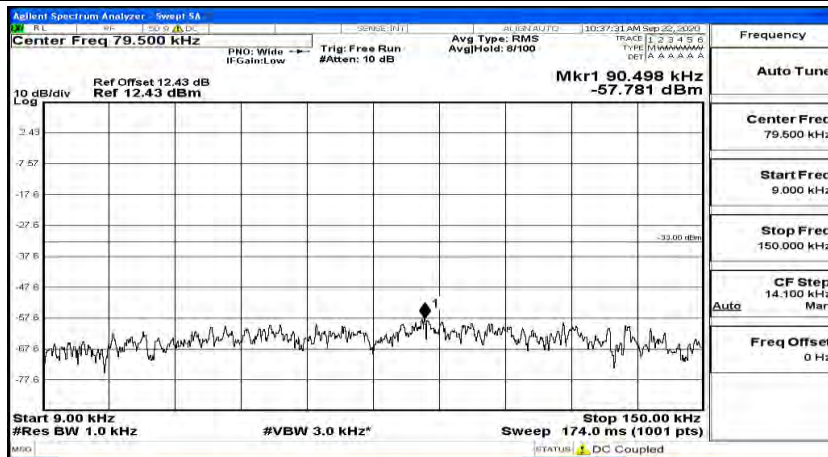




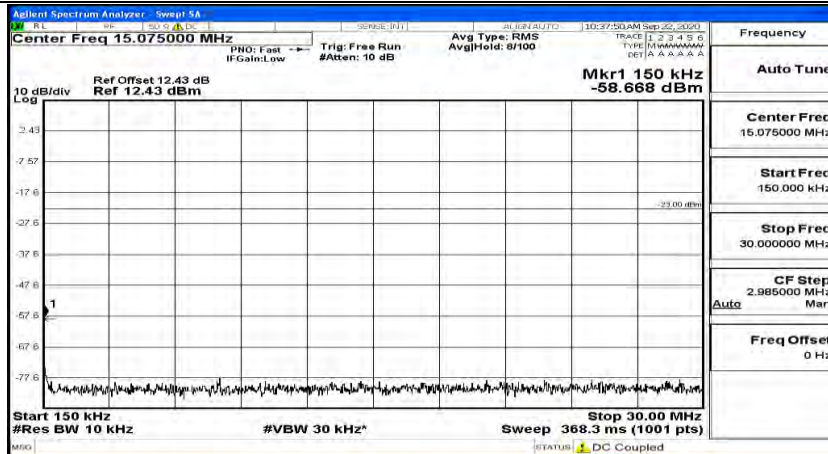
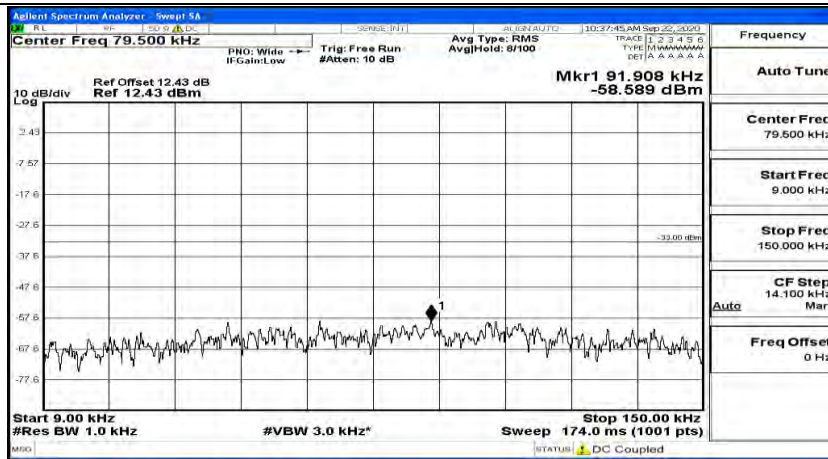
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



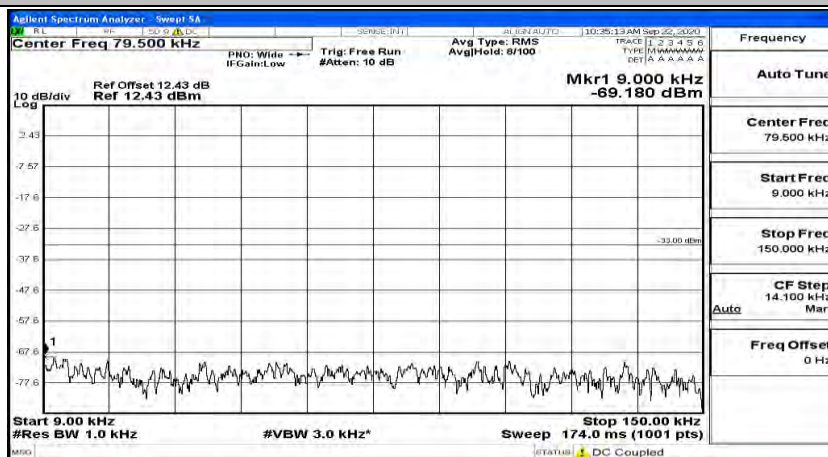
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

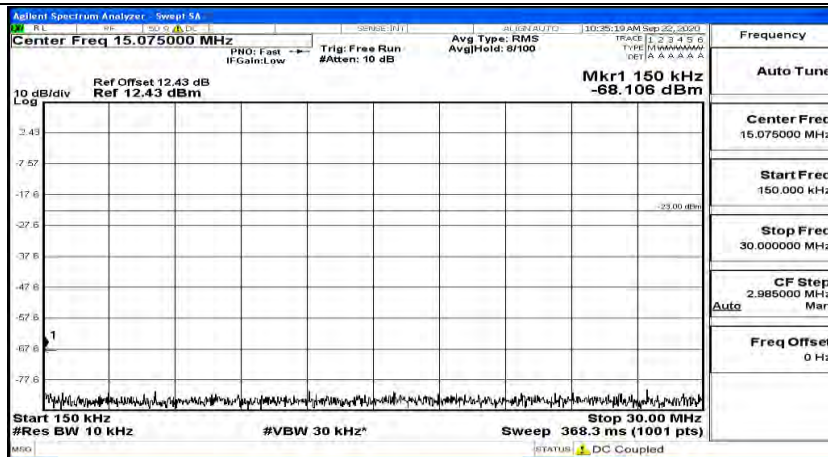


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

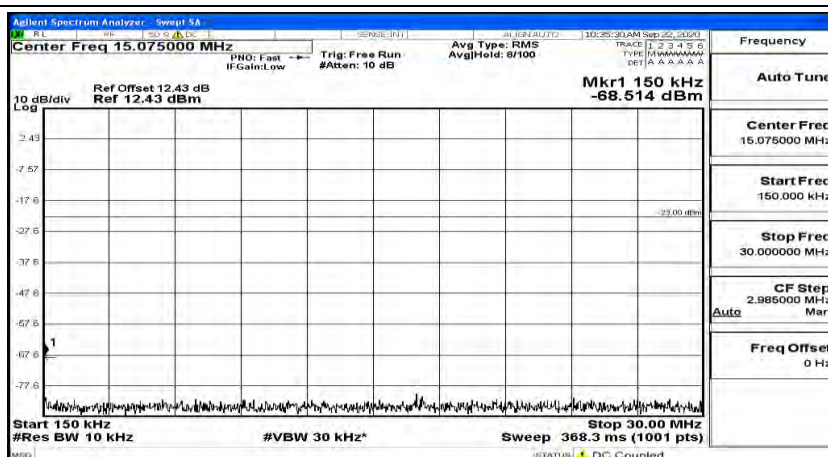
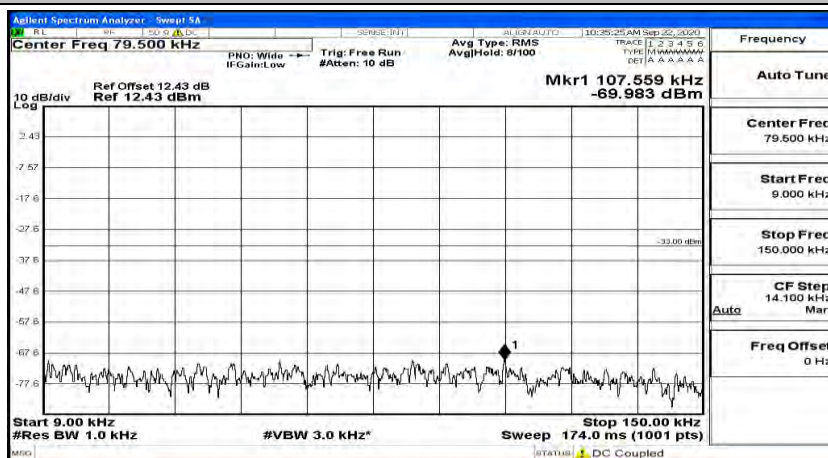


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



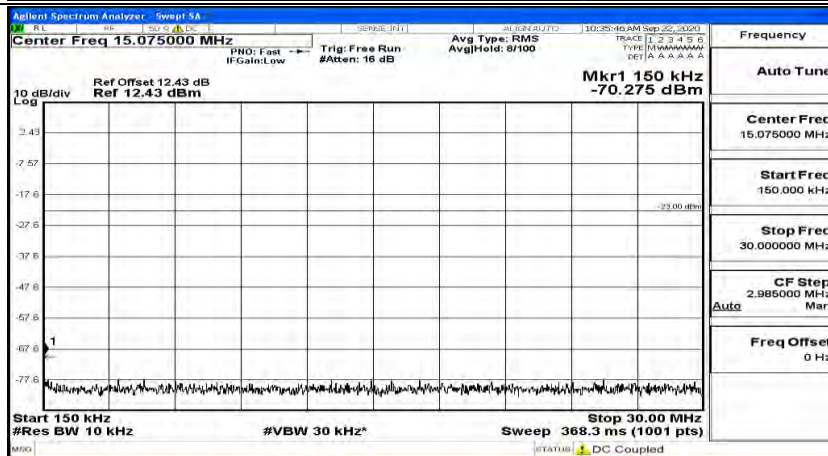
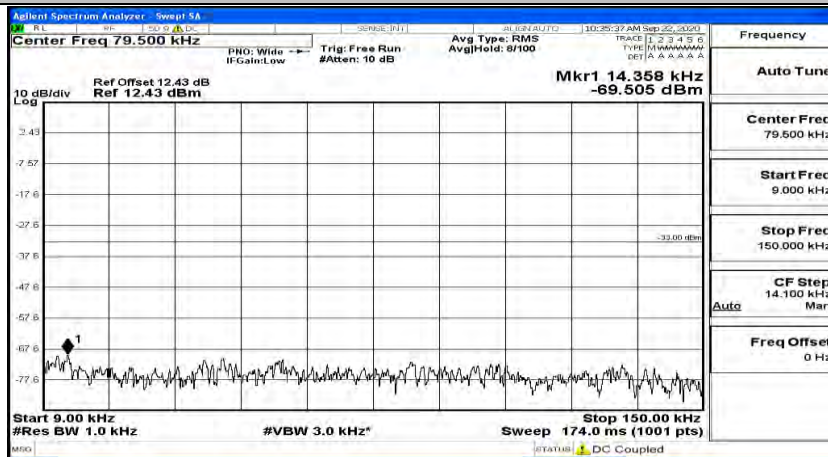


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

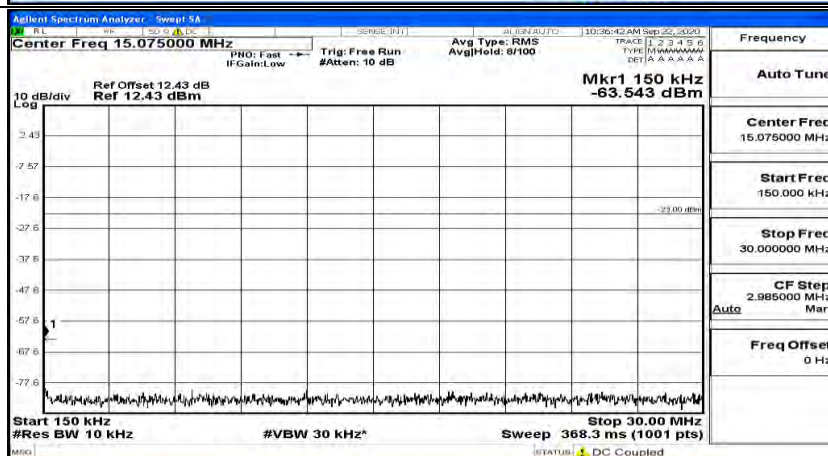
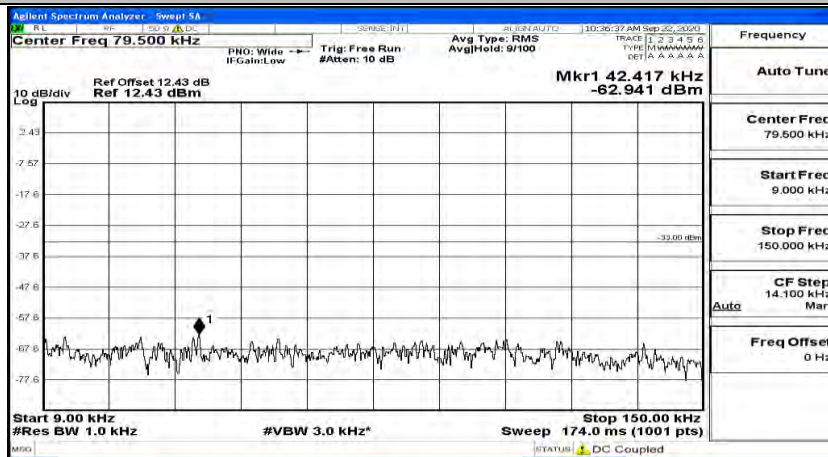




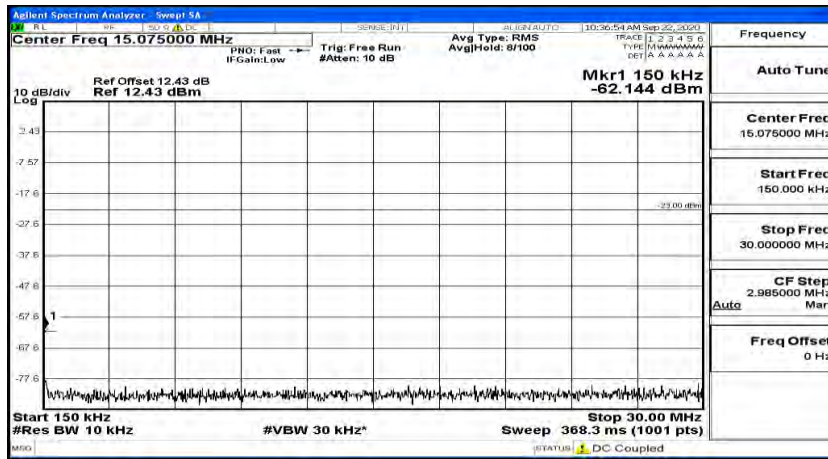
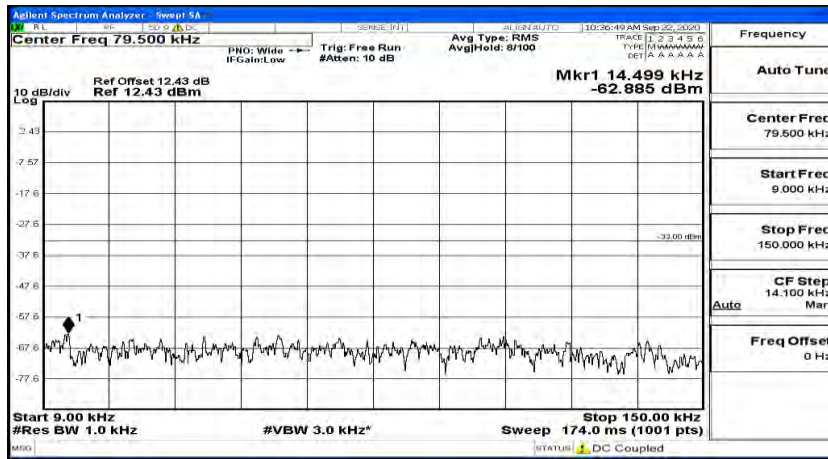
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



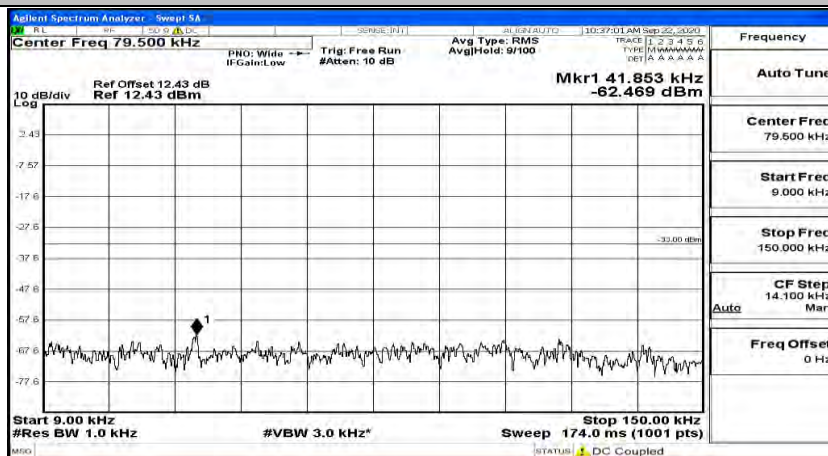
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

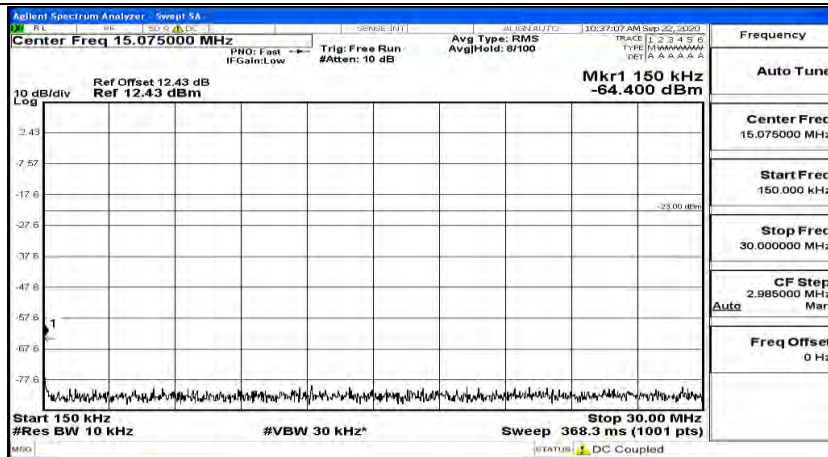


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

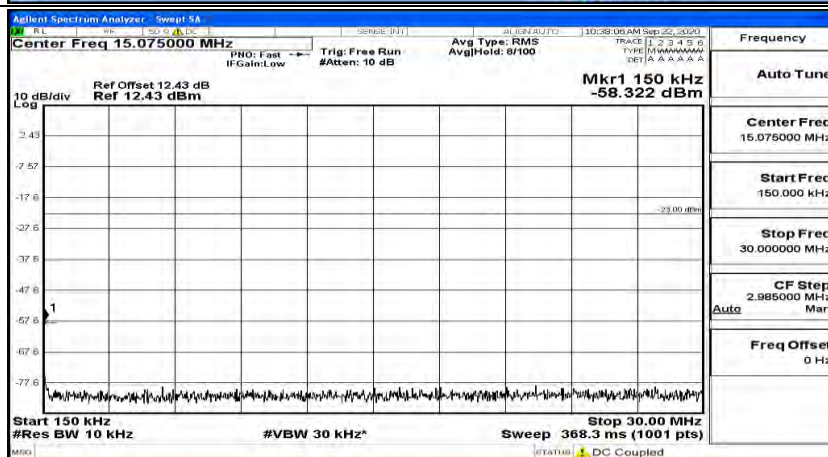
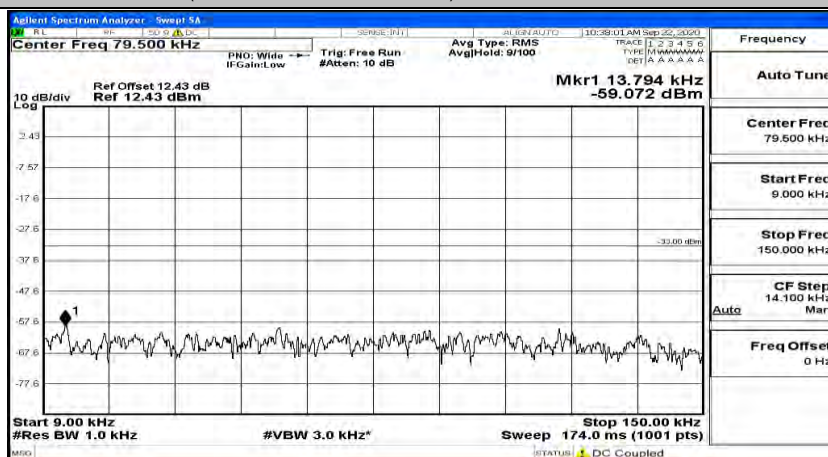


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



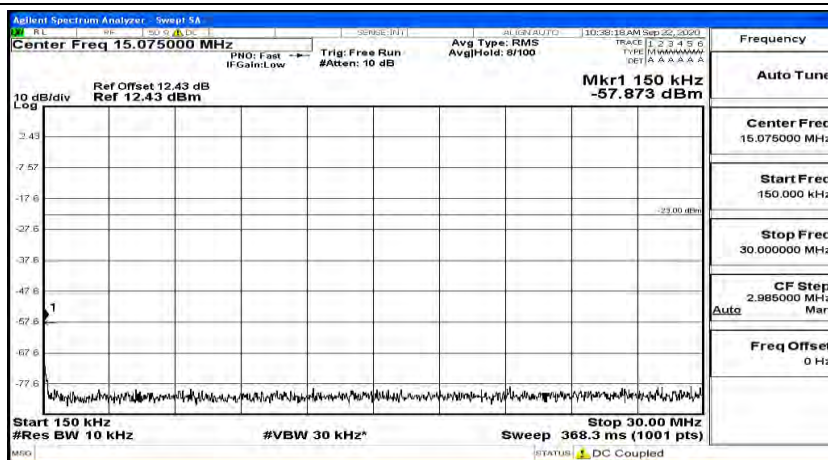
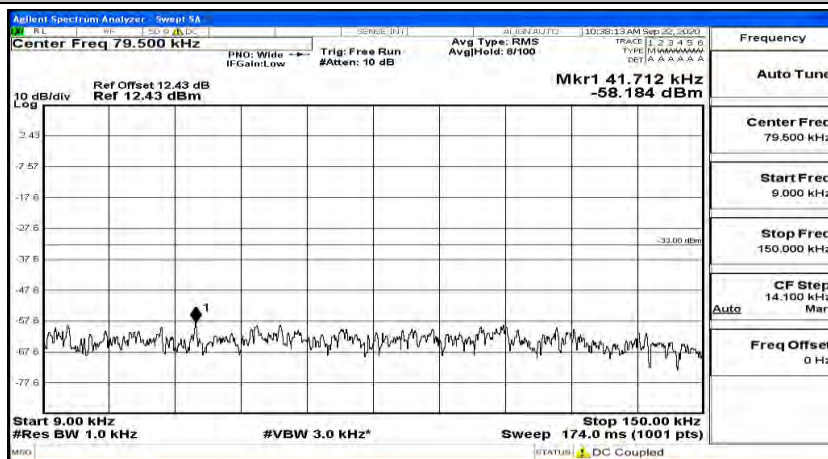


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0

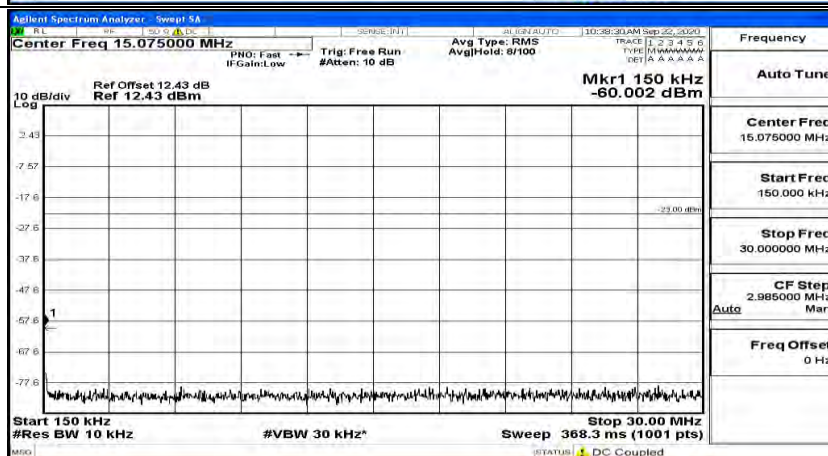
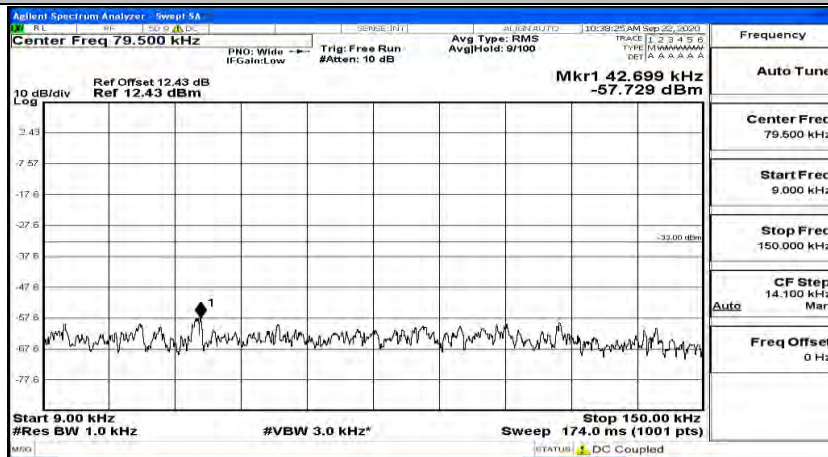




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



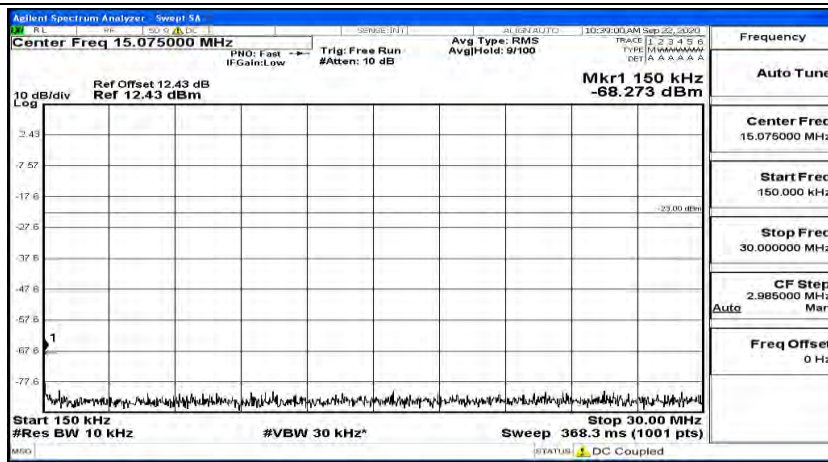
Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

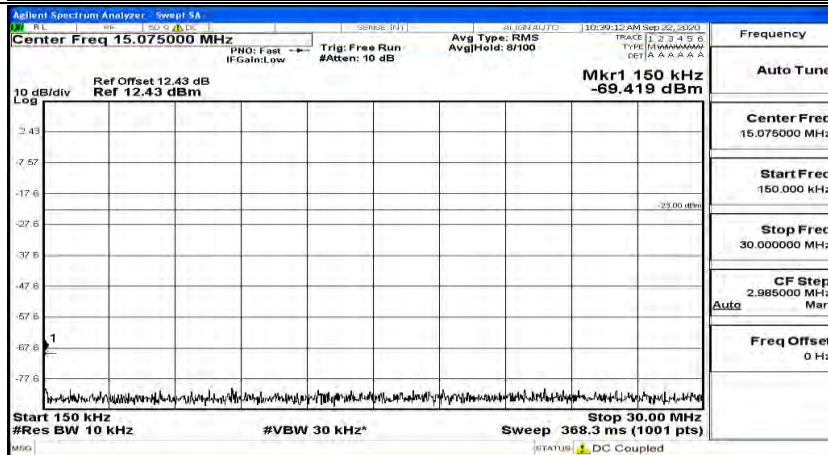
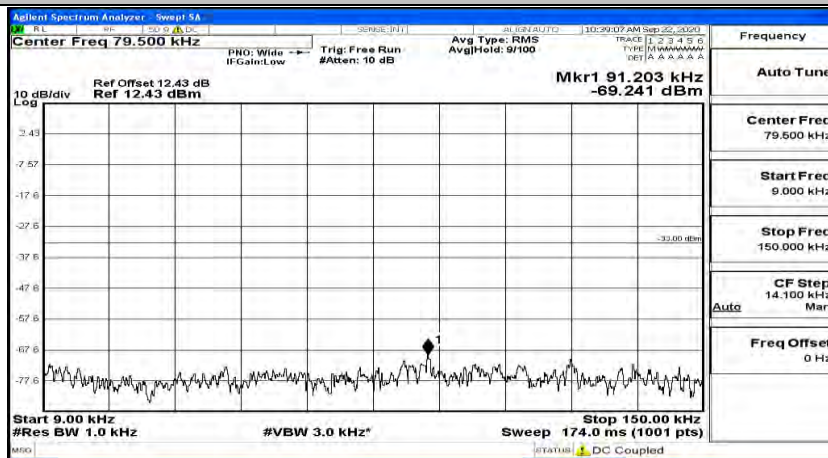


(Channel Bandwidth: 3 MHz) LCH QPSK 1RB#7





(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14





(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0

