

Appendix F: Test Data for E-UTRA Band 5

Product Name: Tablet

Trade Mark: N/A

Test Model: HyTab Pro 10LA2

Environmental Conditions

Temperature:	22.3° C
Relative Humidity:	54.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
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	23.69	23.15	PASS
		1	3	23.51	22.69	PASS
		1	5	23.33	22.53	PASS
		3	0	23.83	23.01	PASS
		3	2	23.30	22.51	PASS
		3	3	23.06	22.17	PASS
		6	0	22.98	21.82	PASS
	MCH	1	0	23.77	22.76	PASS
		1	3	23.78	22.90	PASS
		1	5	24.03	22.81	PASS
		3	0	23.80	23.01	PASS
		3	2	23.84	23.02	PASS
		3	3	23.77	23.06	PASS
		6	0	22.88	21.93	PASS
	HCH	1	0	24.40	23.49	PASS
		1	3	24.40	23.63	PASS
		1	5	24.28	23.49	PASS
		3	0	24.19	23.39	PASS
		3	2	24.34	23.52	PASS
		3	3	24.24	23.46	PASS
		6	0	23.37	21.78	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	23.67	22.78	PASS
		1	7	23.70	22.69	PASS
		1	14	23.92	23.15	PASS
		8	0	22.93	21.88	PASS
		8	4	23.01	22.02	PASS
		8	7	23.05	22.04	PASS
		15	0	22.98	21.96	PASS
	MCH	1	0	23.77	23.00	PASS
		1	7	24.03	23.25	PASS
		1	14	23.79	22.98	PASS
		8	0	22.83	21.71	PASS
		8	4	22.93	21.89	PASS
		8	7	22.80	21.99	PASS
		15	0	22.88	21.96	PASS
	HCH	1	0	24.26	22.72	PASS
		1	7	24.19	23.14	PASS
		1	14	24.07	23.12	PASS
		8	0	23.45	22.26	PASS
		8	4	23.33	22.34	PASS
		8	7	23.32	22.27	PASS
		15	0	23.17	22.27	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	23.56	22.35	PASS
		1	12	23.88	22.77	PASS
		1	24	24.40	22.54	PASS
		12	0	22.96	21.84	PASS
		12	6	23.06	21.98	PASS
		12	13	22.91	21.89	PASS
		25	0	22.90	22.08	PASS
	MCH	1	0	23.73	22.41	PASS
		1	12	24.18	22.97	PASS
		1	24	23.85	22.79	PASS
		12	0	22.88	21.73	PASS
		12	6	22.93	21.83	PASS
		12	13	22.86	21.75	PASS
		25	0	22.76	21.93	PASS
	HCH	1	0	23.75	22.77	PASS
		1	12	24.48	22.97	PASS
		1	24	24.05	22.74	PASS
		12	0	23.02	22.02	PASS
		12	6	23.16	22.10	PASS
		12	13	23.17	22.03	PASS
		25	0	23.22	22.30	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]		Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.22	22.50	PASS
		1	24	24.57	24.25	PASS
		1	49	23.47	22.86	PASS
		25	0	22.90	21.72	PASS
		25	12	22.93	21.93	PASS
		25	25	22.70	21.69	PASS
		50	0	22.80	21.87	PASS
	MCH	1	0	23.76	23.19	PASS
		1	24	24.13	23.53	PASS
		1	49	23.57	23.03	PASS
		25	0	22.78	21.76	PASS
		25	12	22.90	21.87	PASS
		25	25	22.91	21.83	PASS
		50	0	22.89	21.79	PASS
	HCH	1	0	23.97	22.80	PASS
		1	24	24.14	22.85	PASS
		1	49	23.60	22.46	PASS
		25	0	23.16	22.29	PASS
		25	12	23.05	22.04	PASS
		25	25	23.16	22.14	PASS
		50	0	23.17	22.08	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	5.27	<13	PASS
	MCH	5.23	<13	PASS
	HCH	4.77	<13	PASS
16QAM	LCH	6.09	<13	PASS
	MCH	6.14	<13	PASS
	HCH	5.58	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.28	<13	PASS
	MCH	5.29	<13	PASS
	HCH	4.96	<13	PASS
16QAM	LCH	6.25	<13	PASS
	MCH	6.11	<13	PASS
	HCH	5.86	<13	PASS

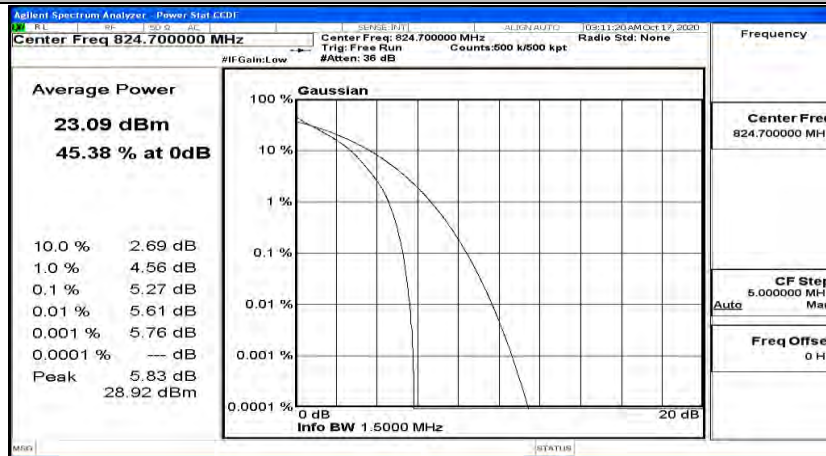
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.24	<13	PASS
	MCH	5.25	<13	PASS
	HCH	4.94	<13	PASS
16QAM	LCH	6	<13	PASS
	MCH	6.05	<13	PASS
	HCH	5.69	<13	PASS

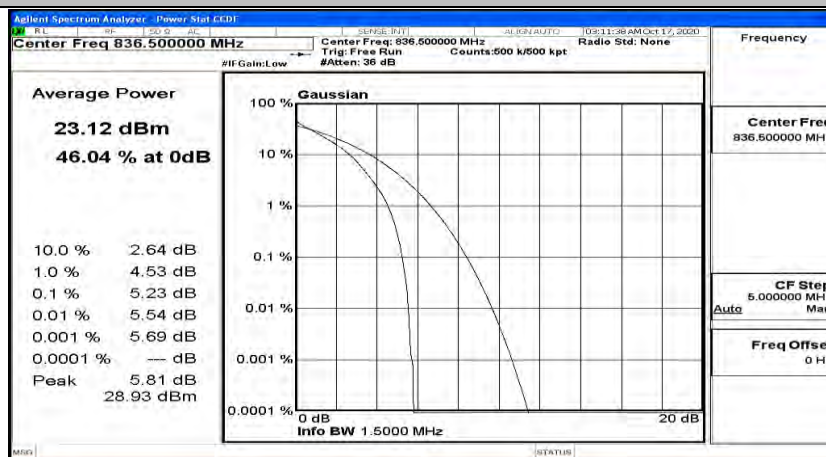
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.03	<13	PASS
	MCH	5.25	<13	PASS
	HCH	5.01	<13	PASS
16QAM	LCH	5.87	<13	PASS
	MCH	6.04	<13	PASS
	HCH	5.84	<13	PASS

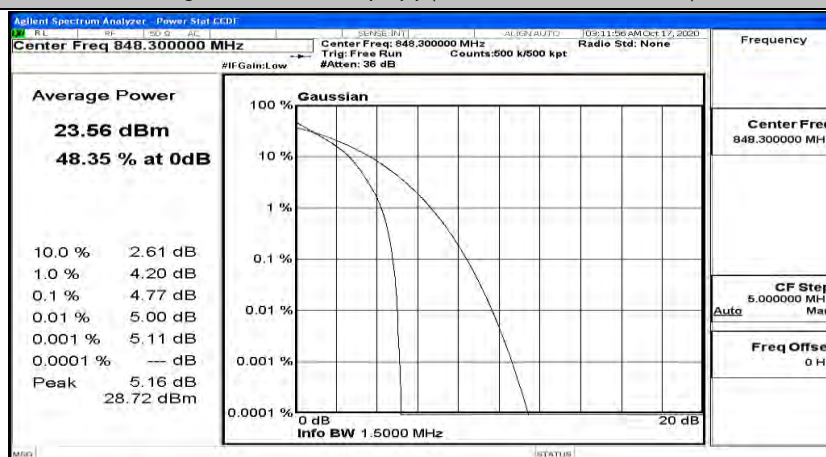
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



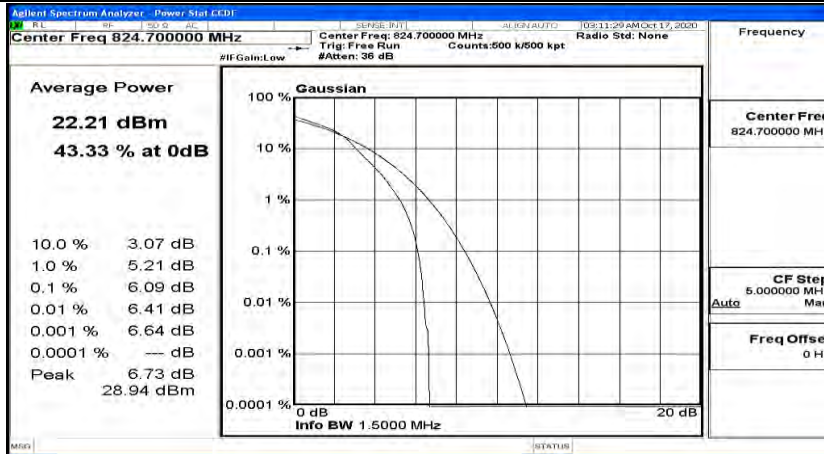
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



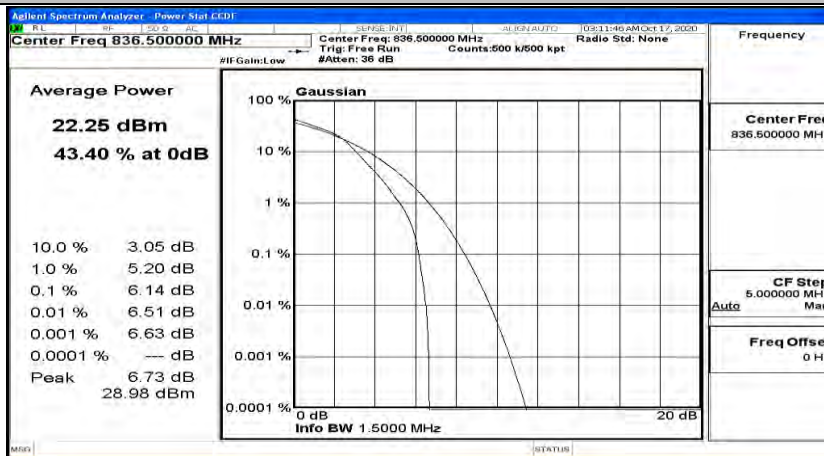
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



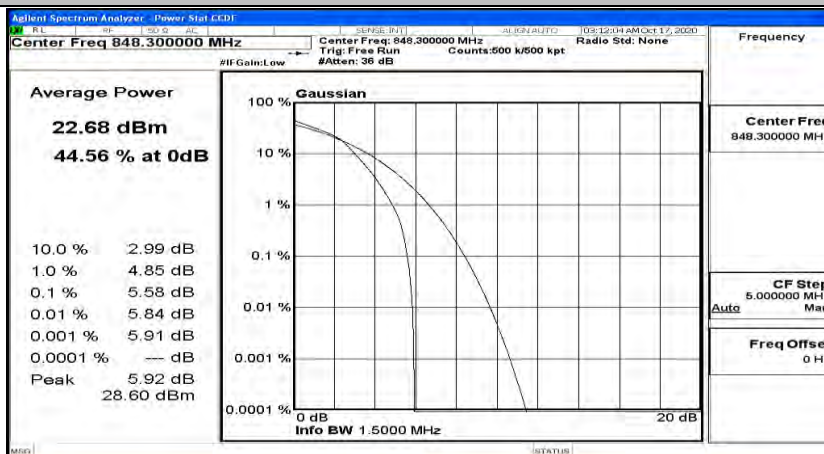
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



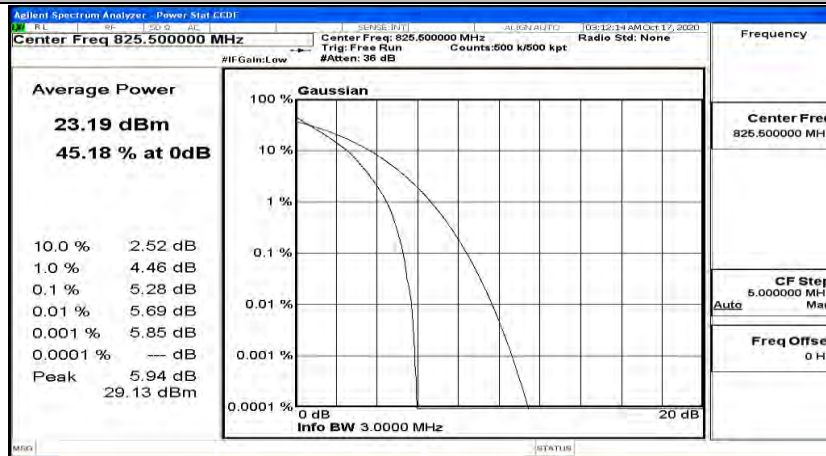
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



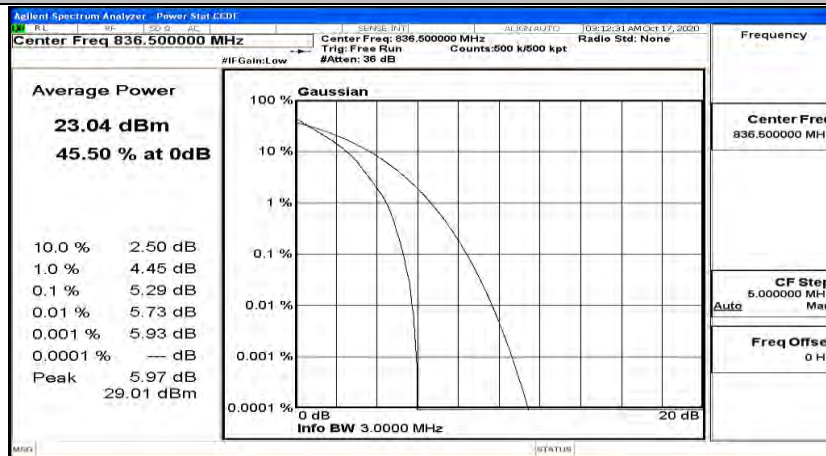
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



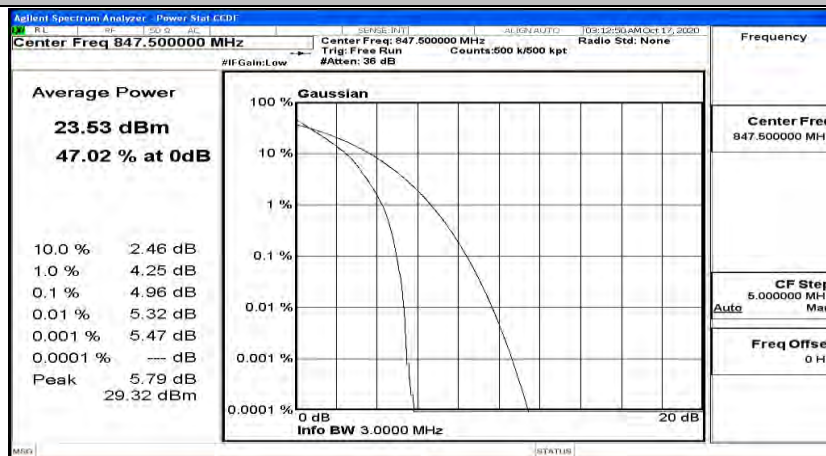
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



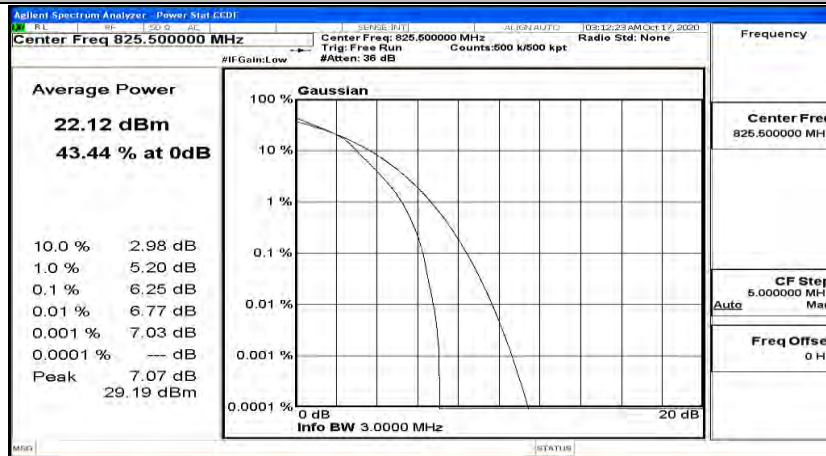
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



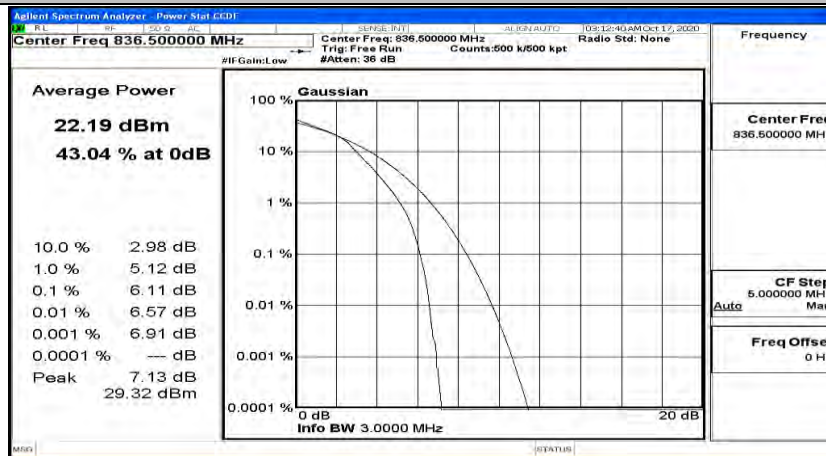
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



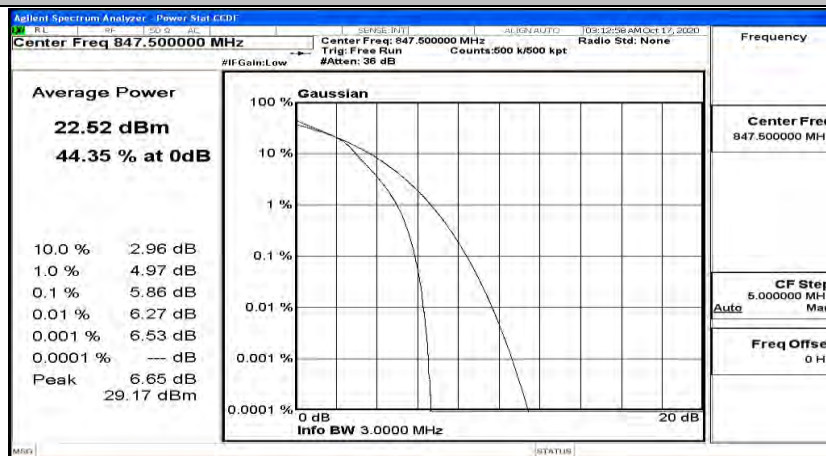
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



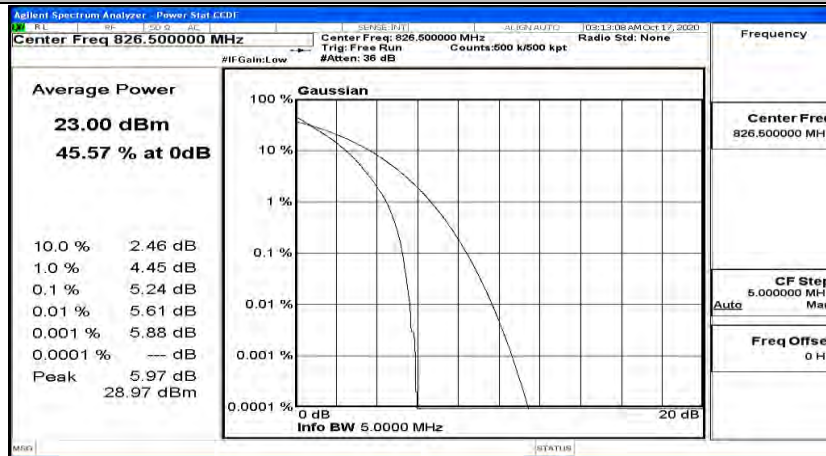
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



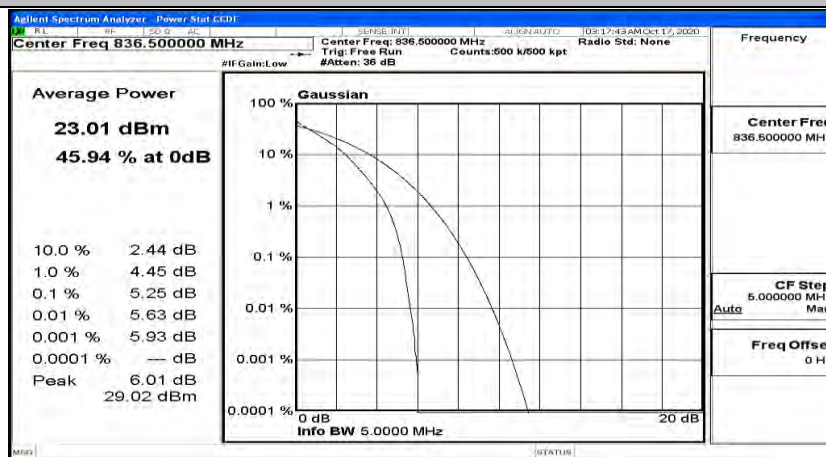
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



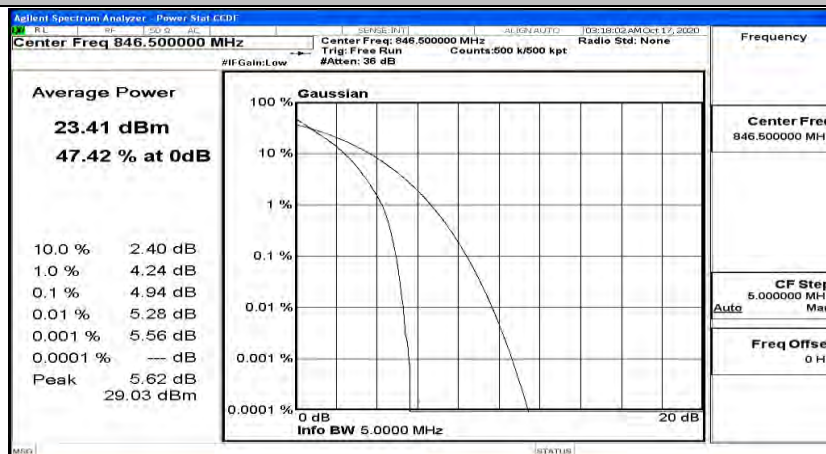
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



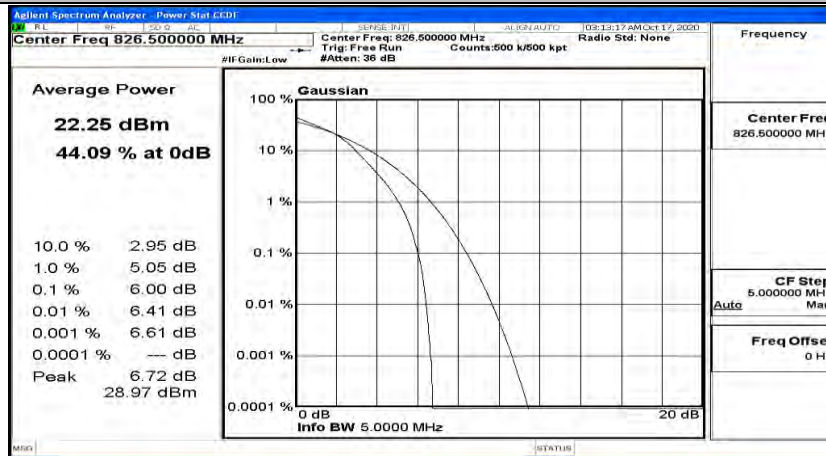
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



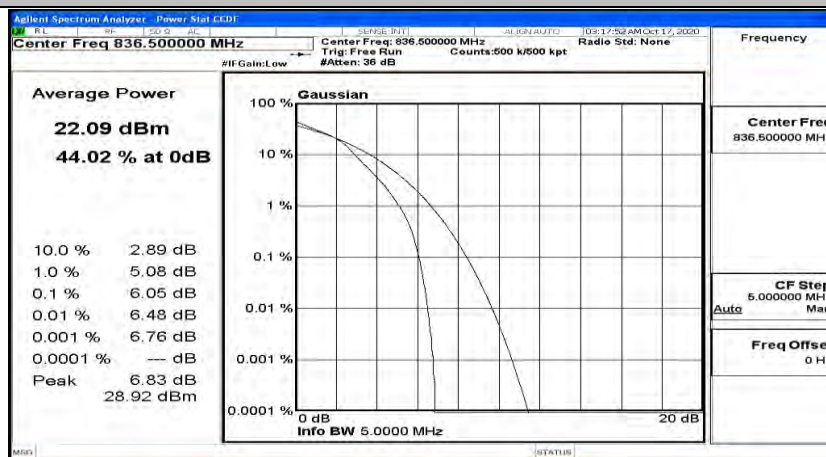
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



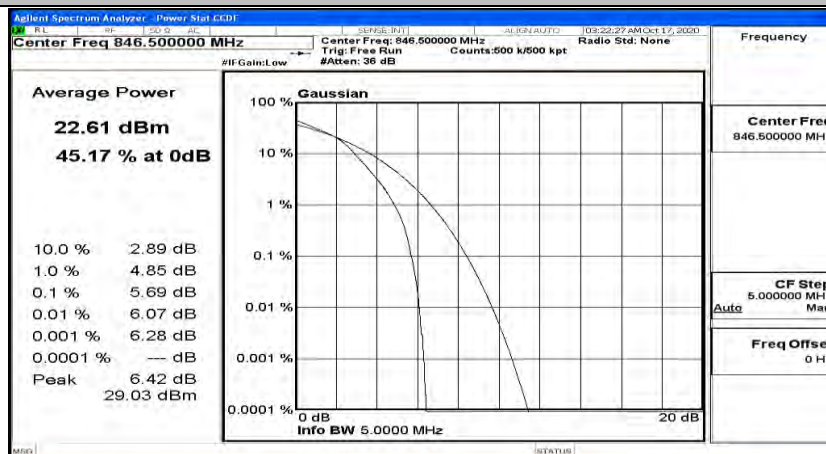
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



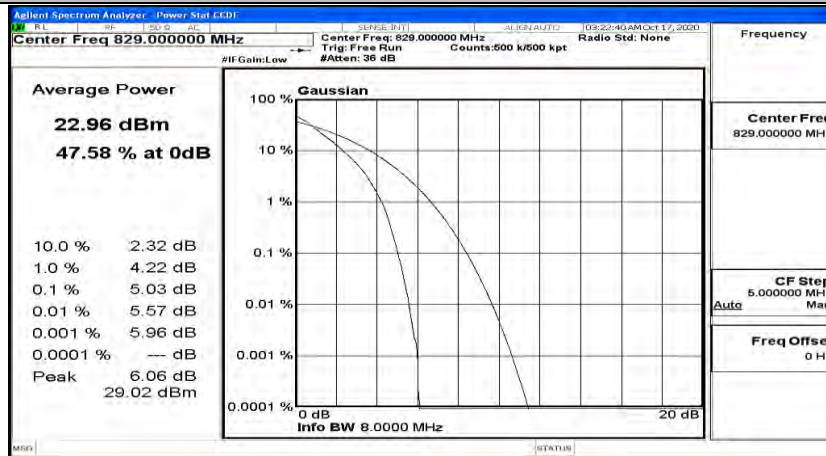
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



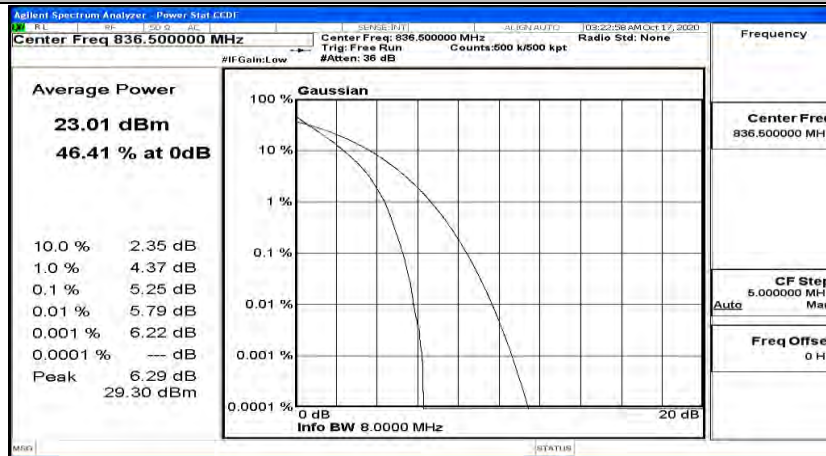
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



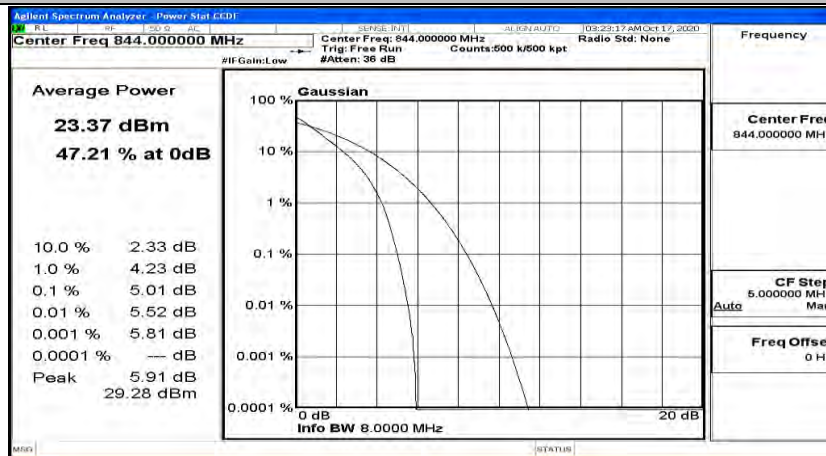
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



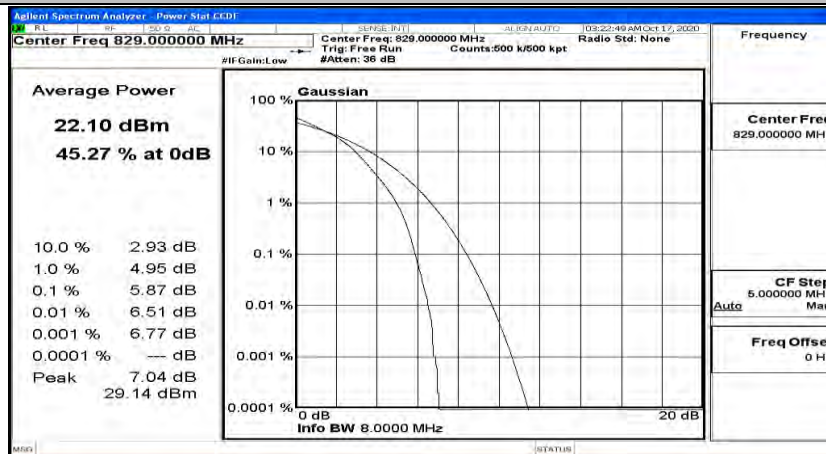
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



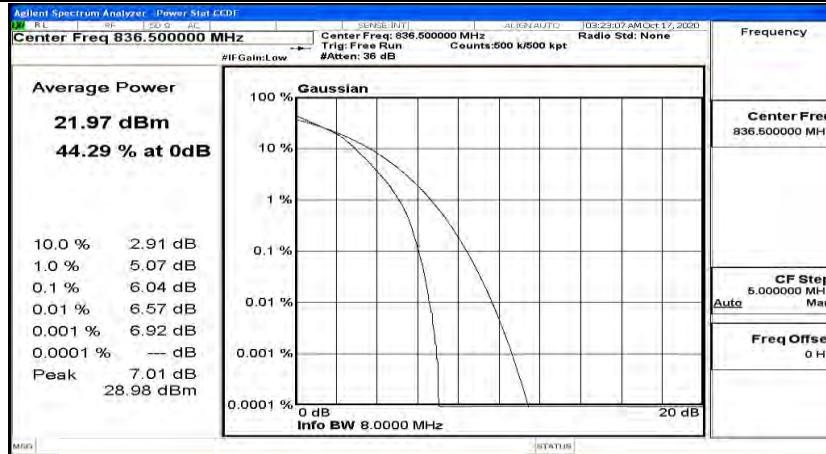
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



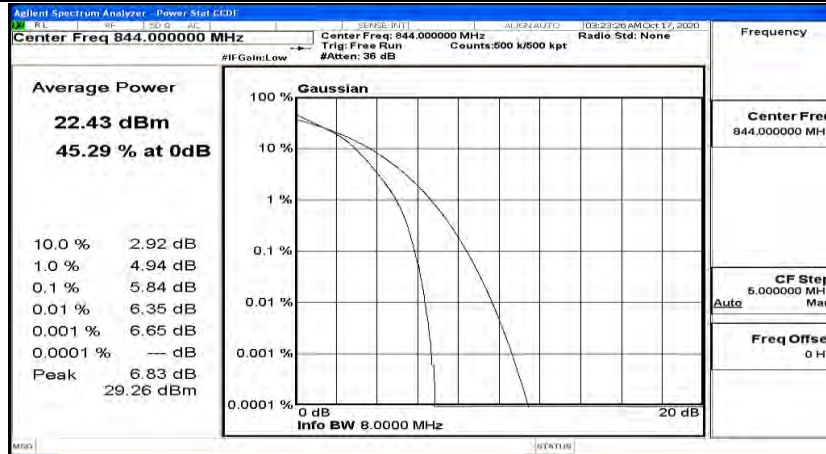
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



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

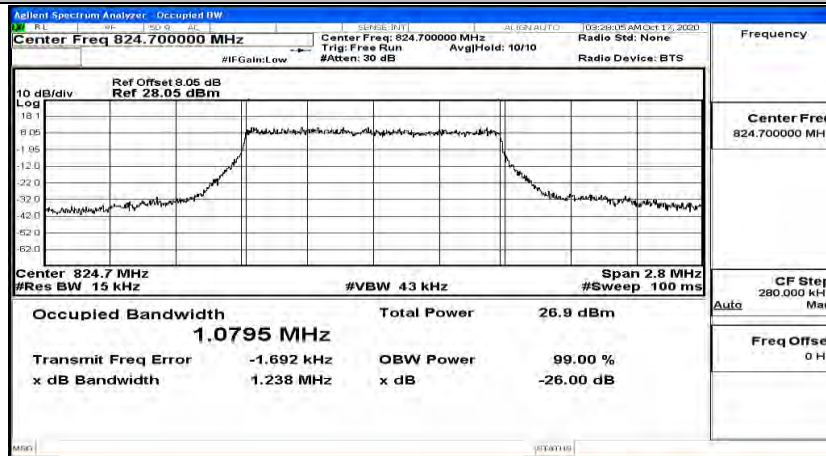
EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0795	1.238	PASS
	MCH	1.0758	1.207	PASS
	HCH	1.0769	1.236	PASS
16QAM	LCH	1.0800	1.263	PASS
	MCH	1.0777	1.226	PASS
	HCH	1.0772	1.220	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6835	2.877	PASS
	MCH	2.6855	2.896	PASS
	HCH	2.6830	2.874	PASS
16QAM	LCH	2.6805	2.905	PASS
	MCH	2.6846	2.888	PASS
	HCH	2.6830	2.893	PASS

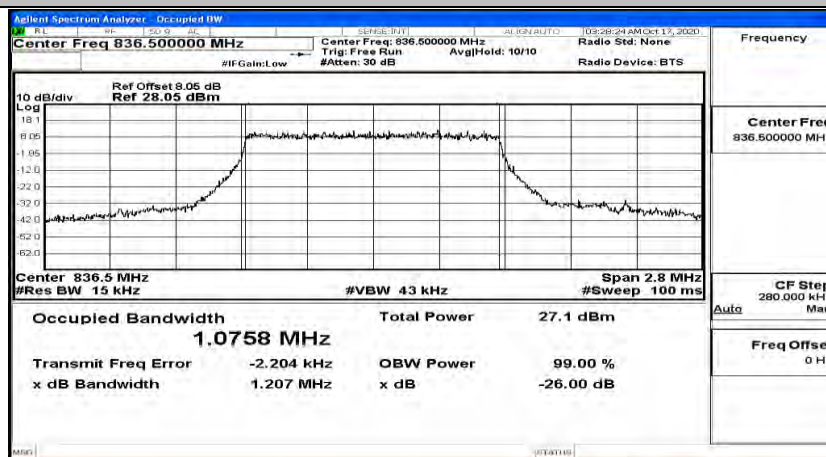
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4782	4.825	PASS
	MCH	4.4830	4.815	PASS
	HCH	4.4680	4.802	PASS
16QAM	LCH	4.4866	4.837	PASS
	MCH	4.4766	4.789	PASS
	HCH	4.4700	4.781	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9223	9.475	PASS
	MCH	8.9322	9.516	PASS
	HCH	8.9218	9.459	PASS
16QAM	LCH	8.9139	9.334	PASS
	MCH	8.9332	9.392	PASS
	HCH	8.9152	9.395	PASS

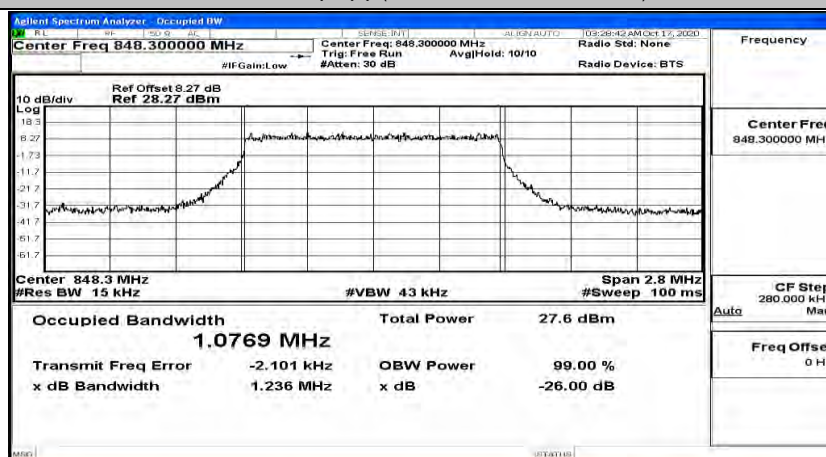
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



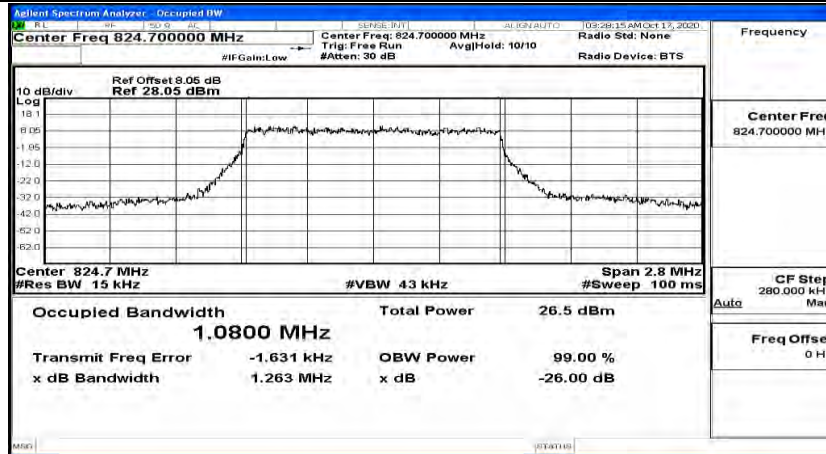
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



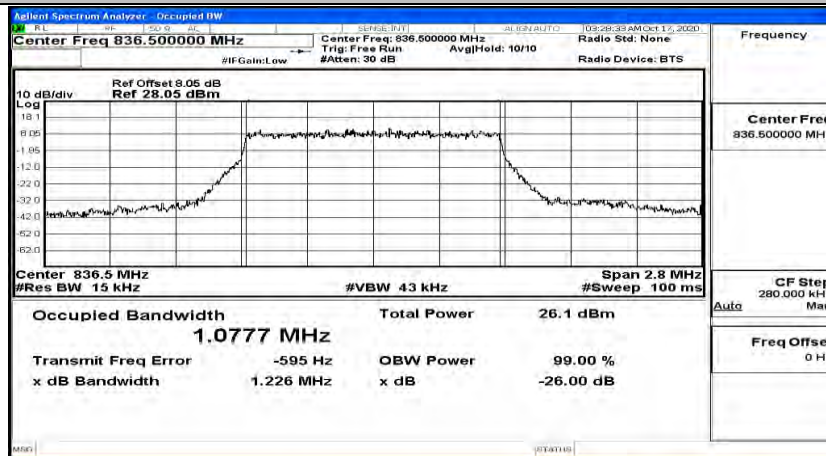
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



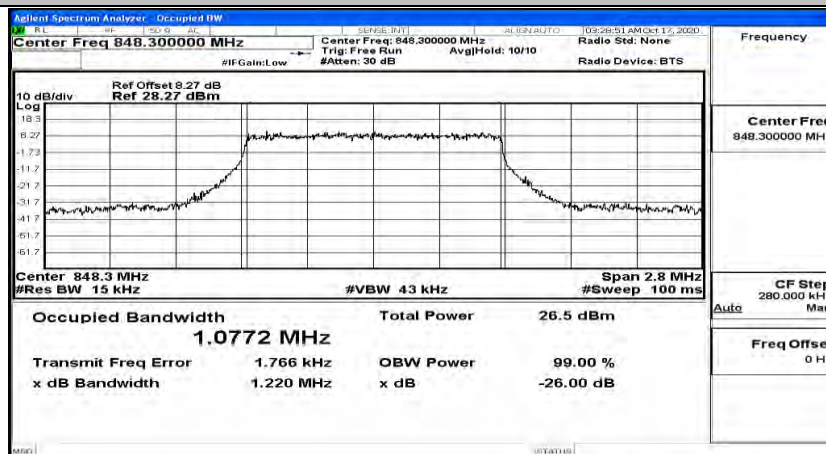
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



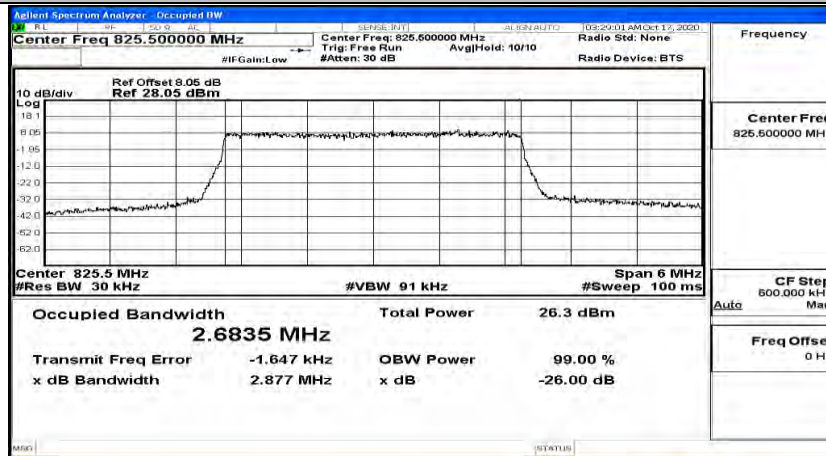
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



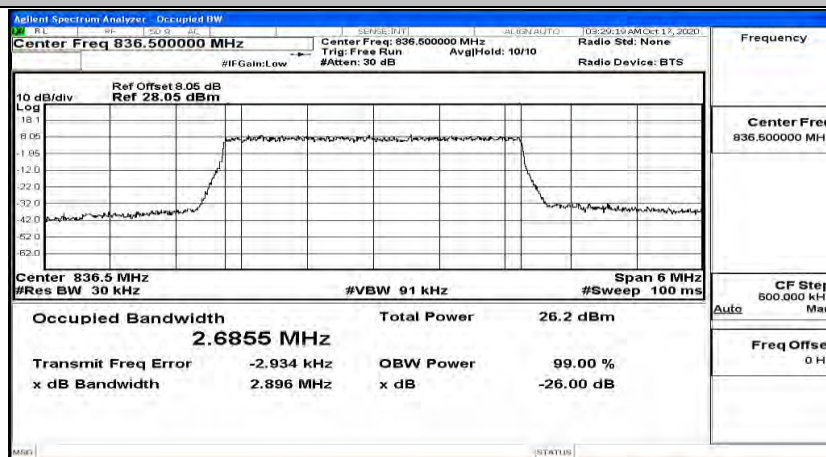
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



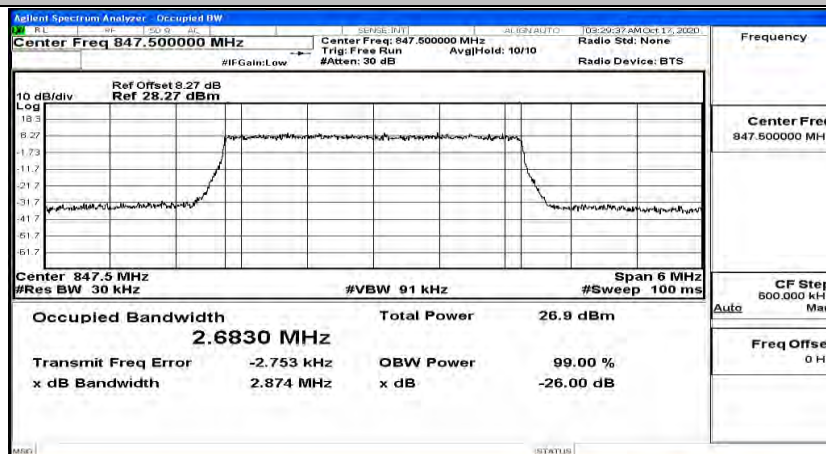
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



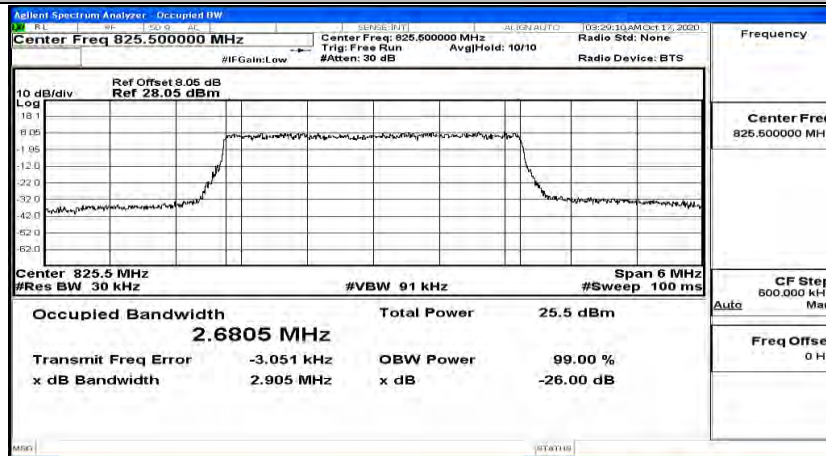
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



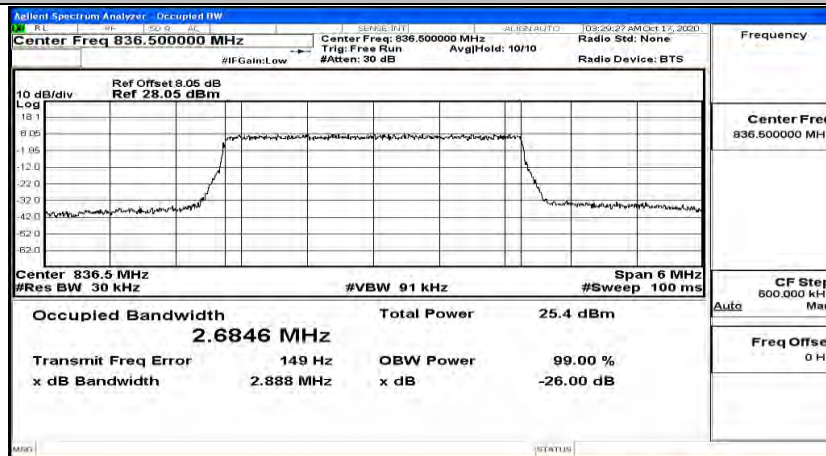
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



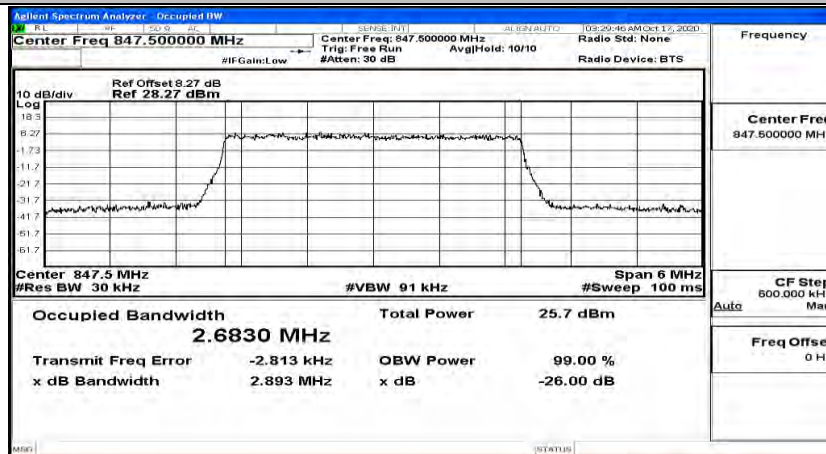
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



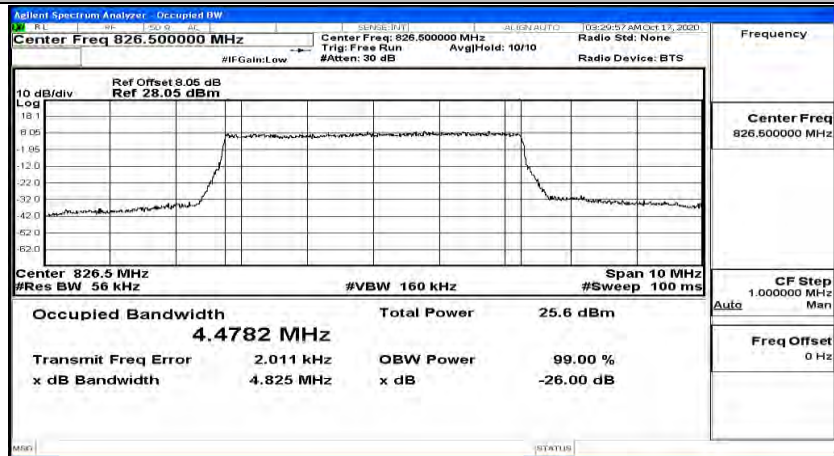
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



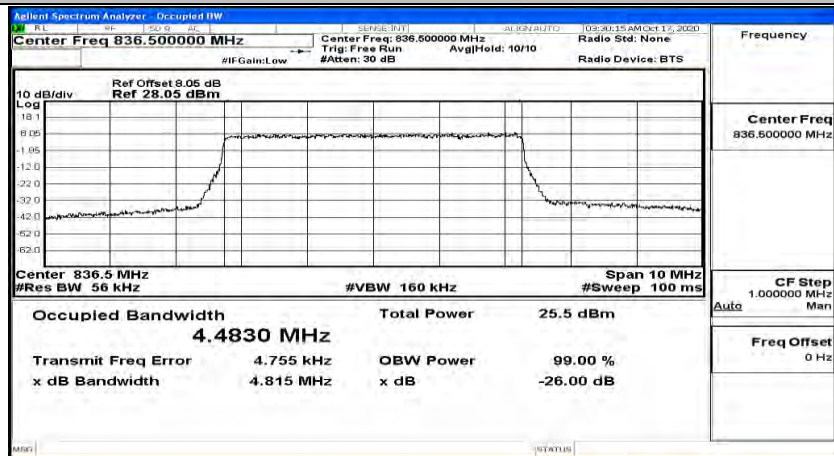
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



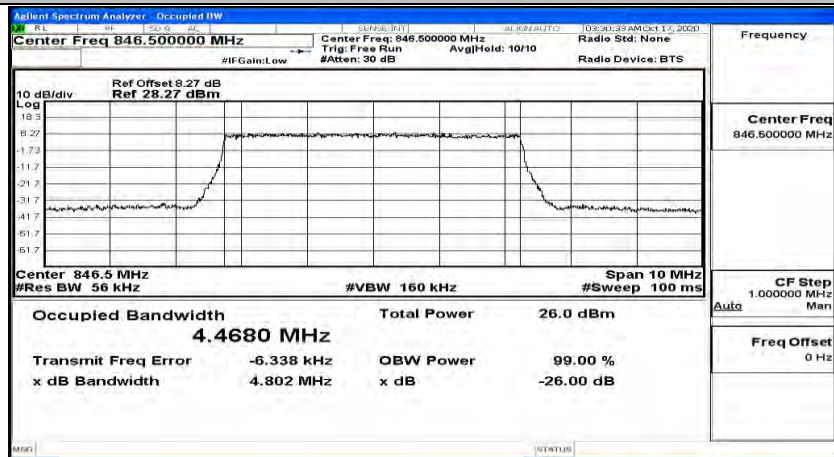
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



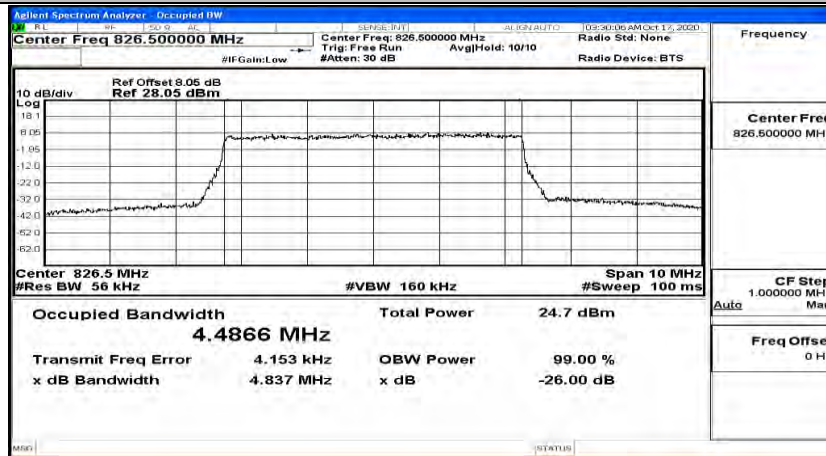
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



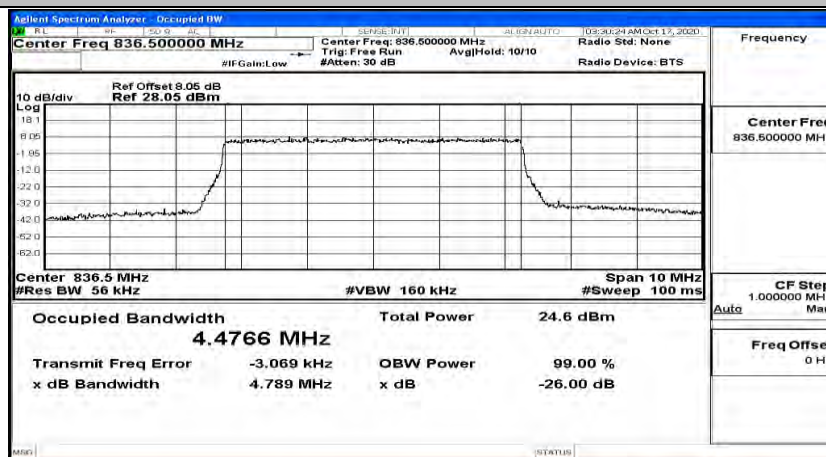
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



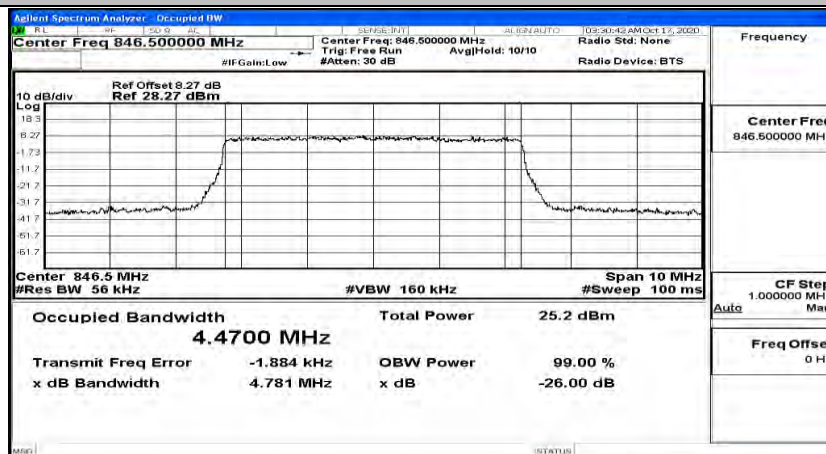
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



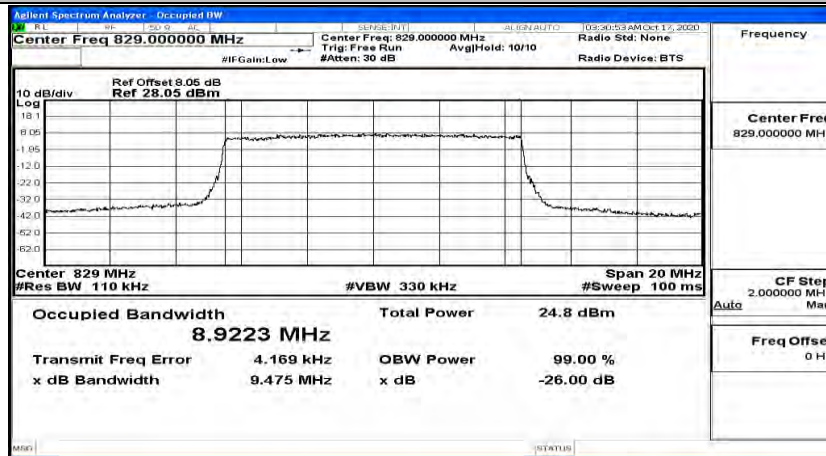
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



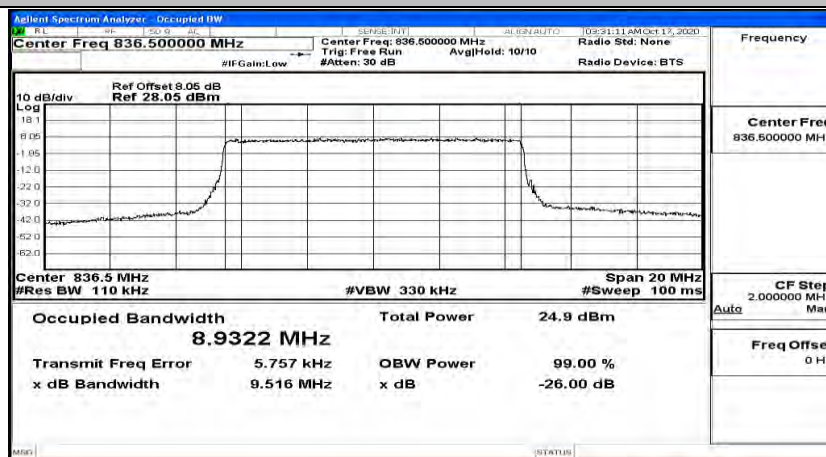
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



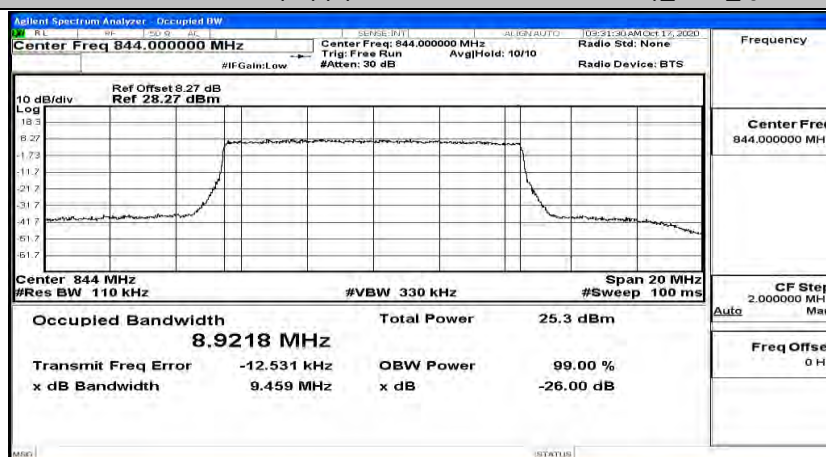
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



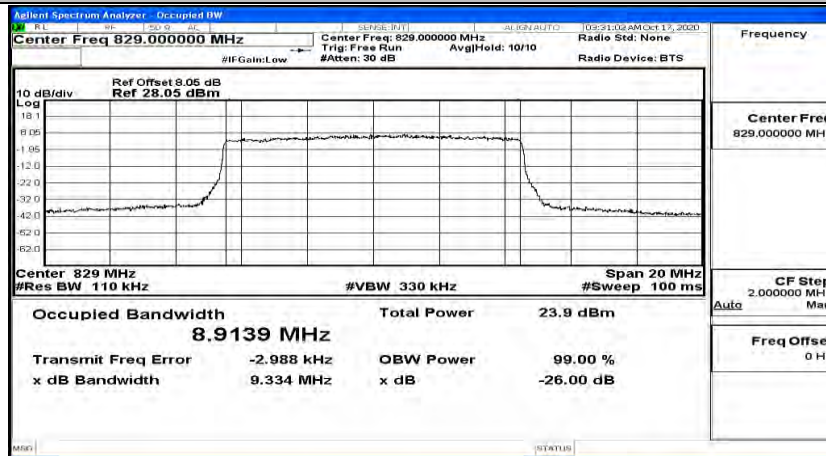
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



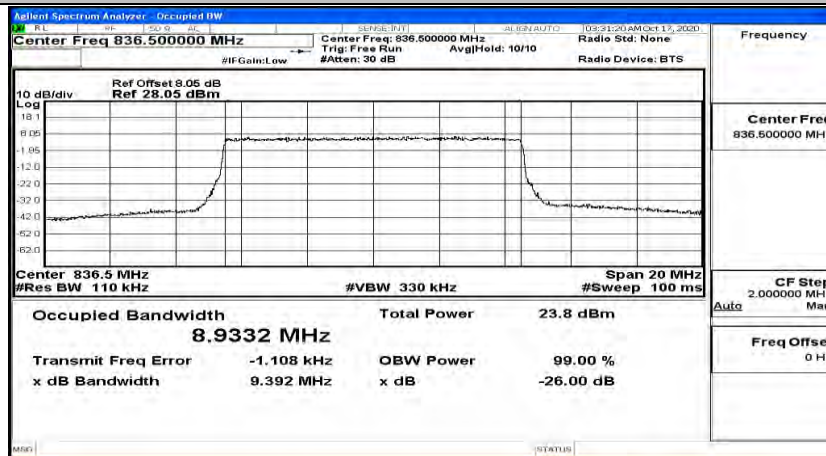
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



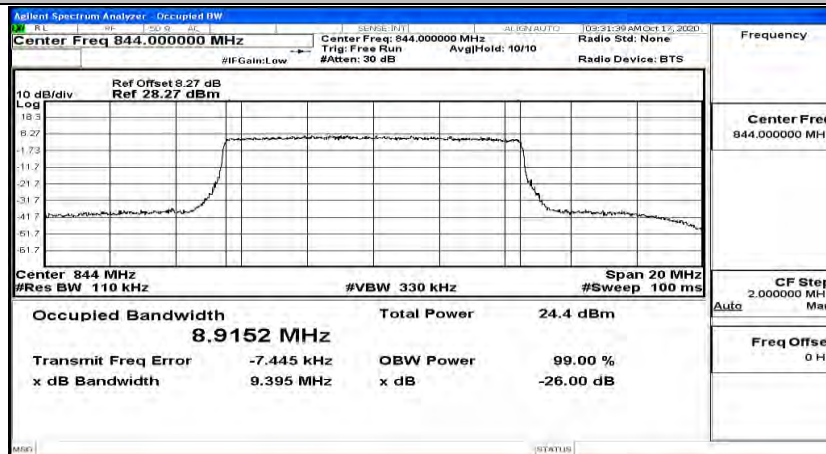
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



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

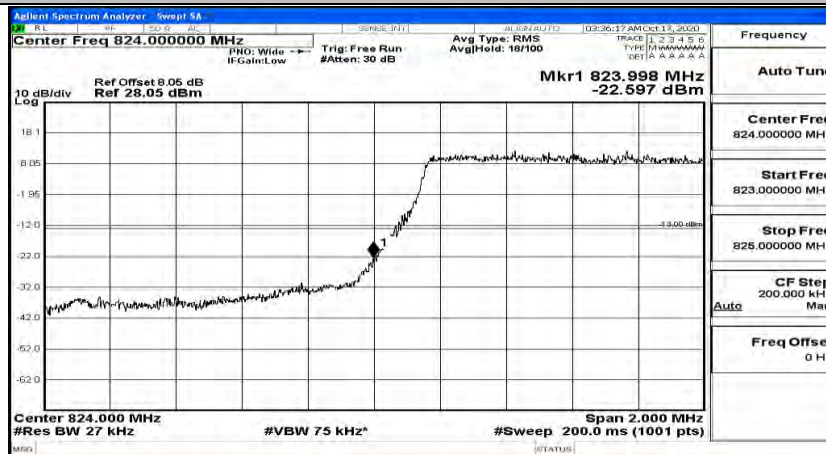


EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

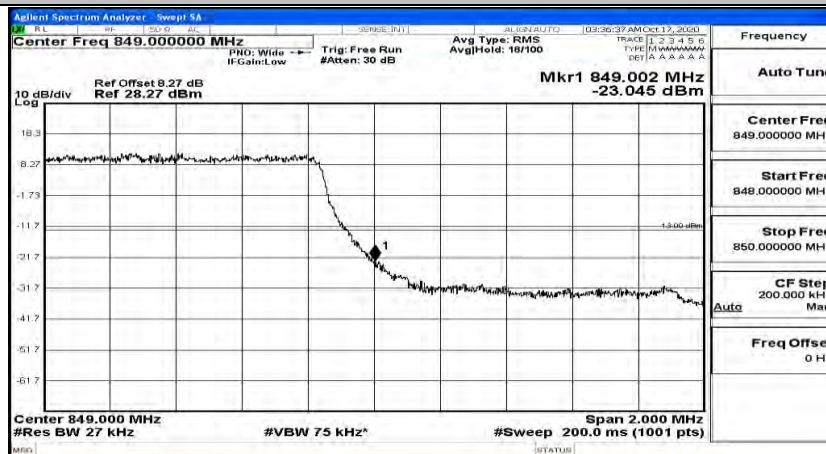


F.4 Band Edge

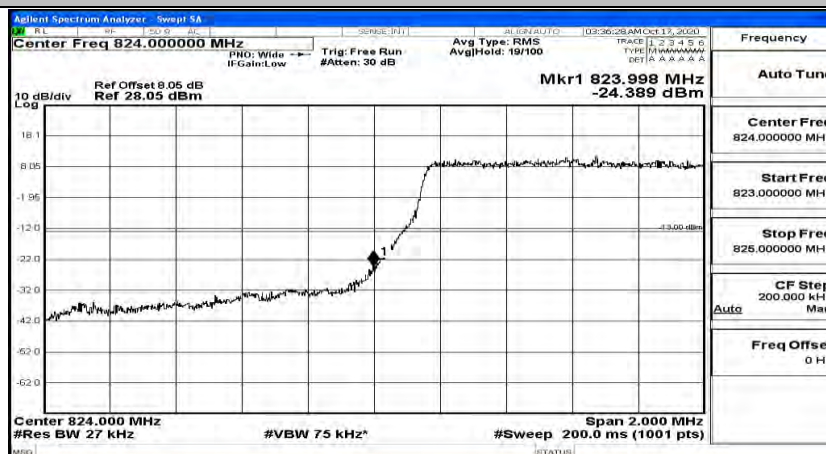
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



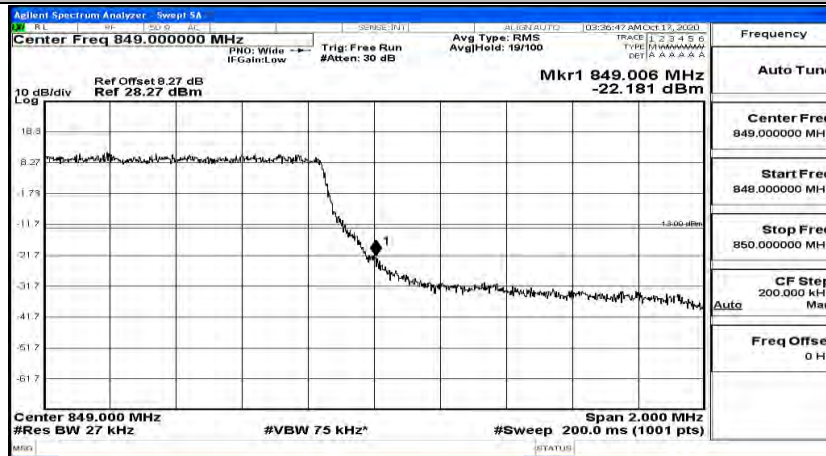
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



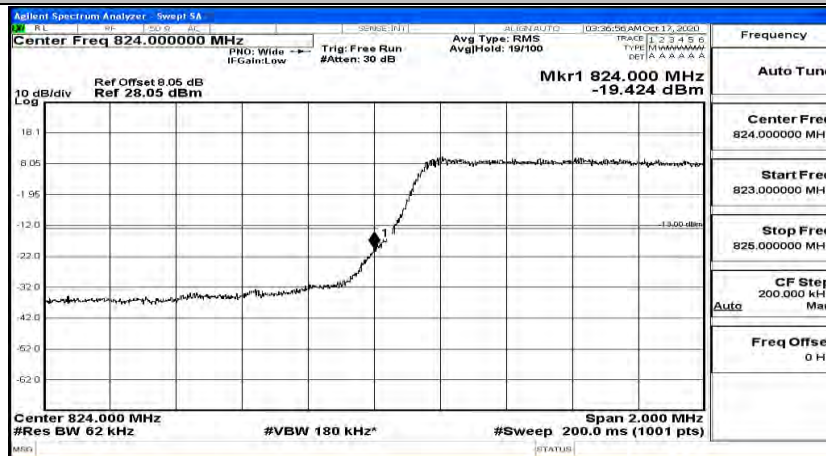
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



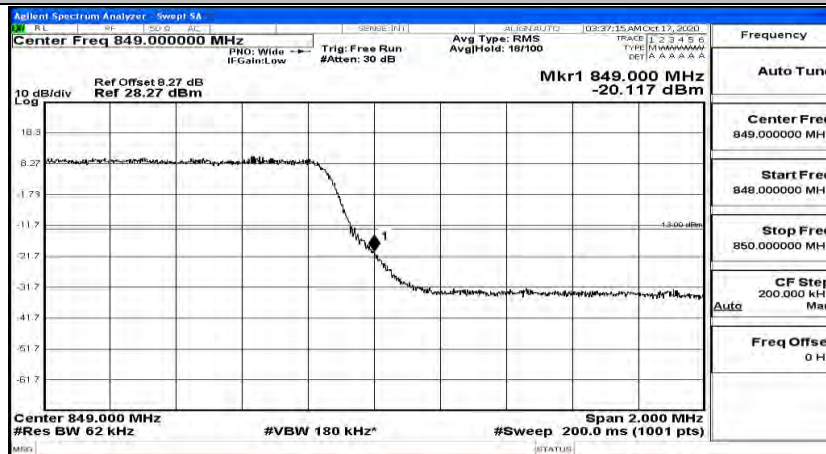
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



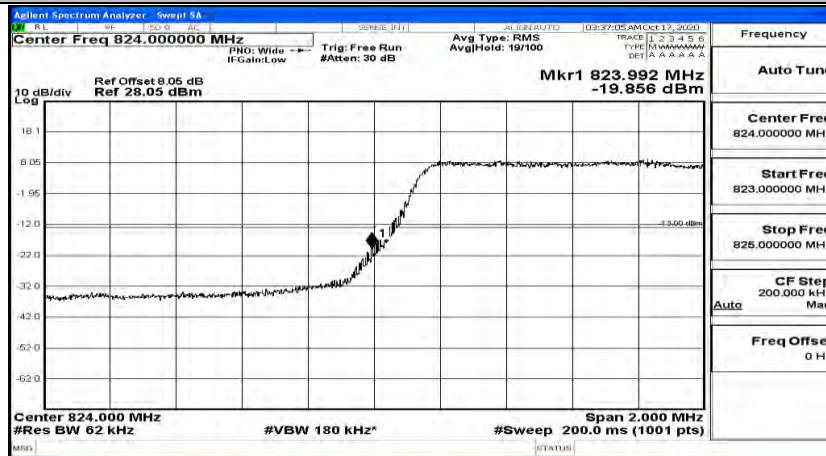
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



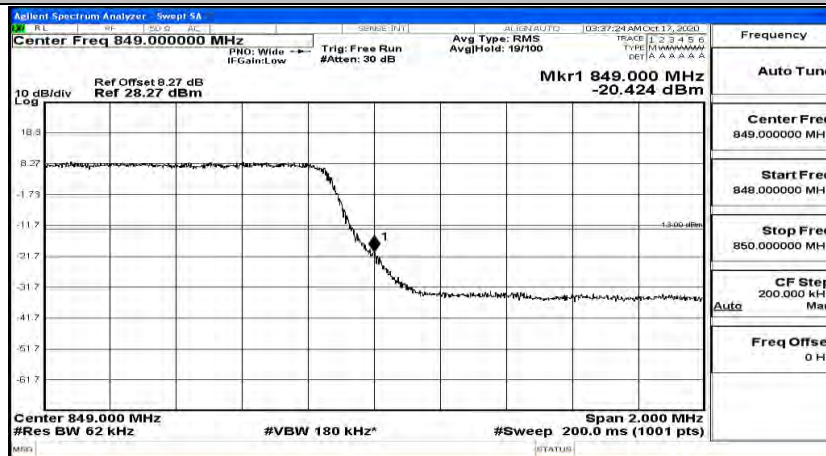
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



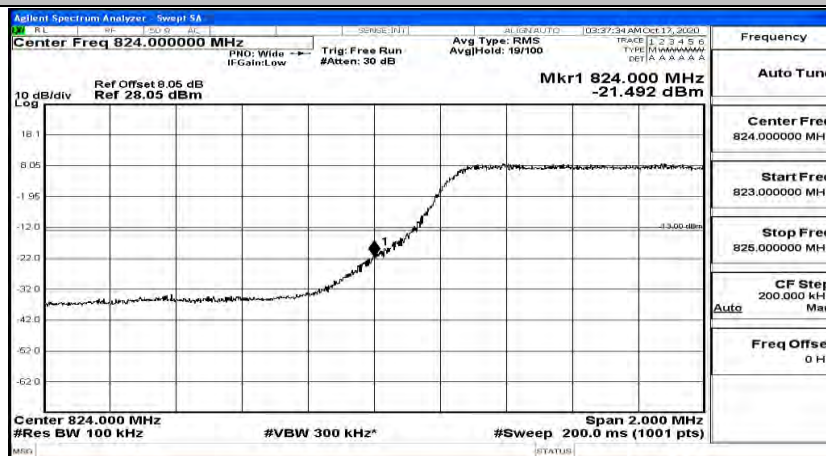
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



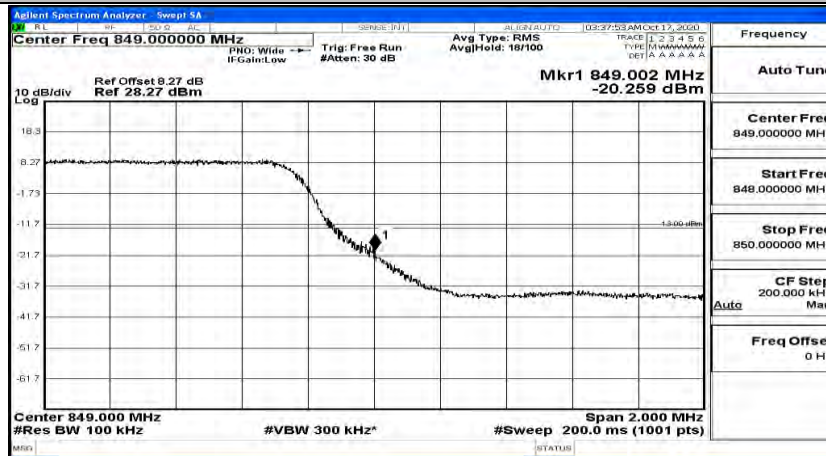
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



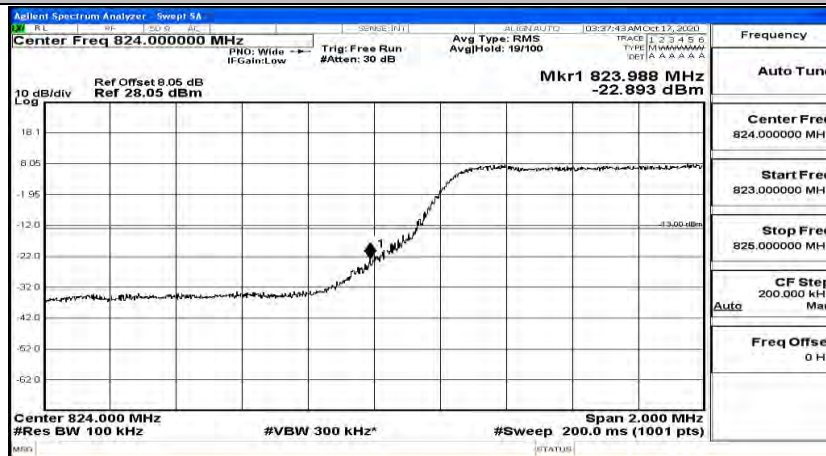
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



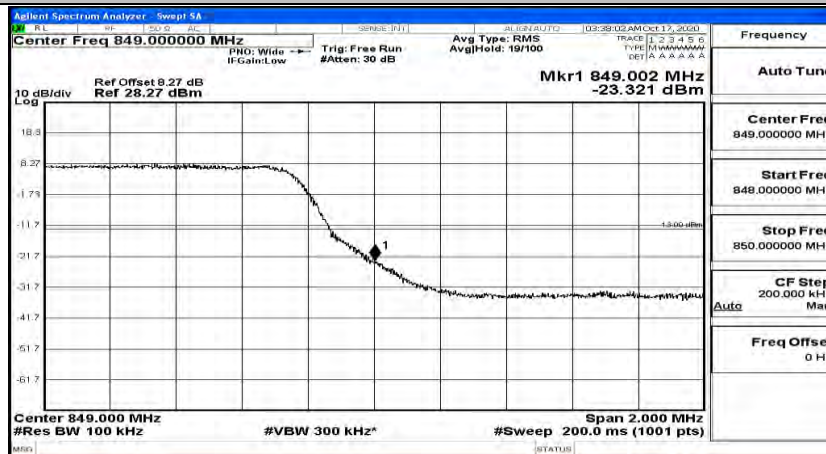
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



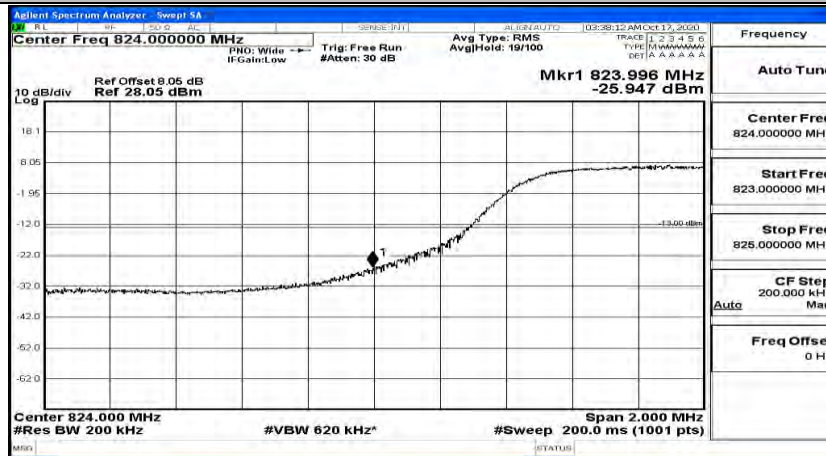
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



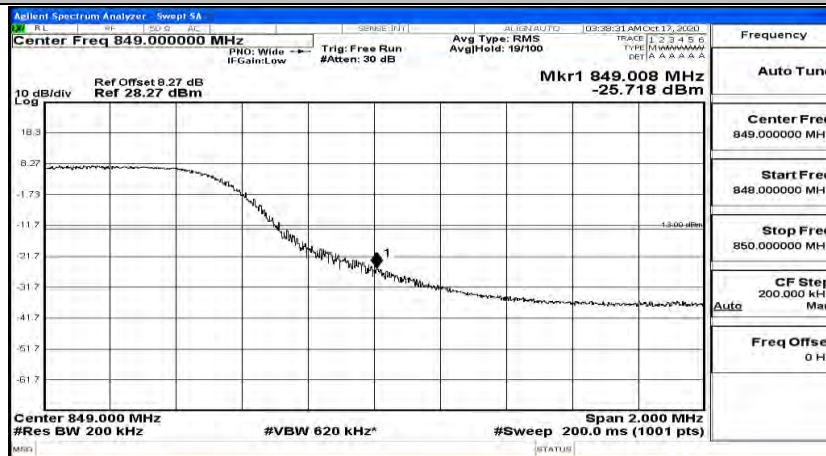
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



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



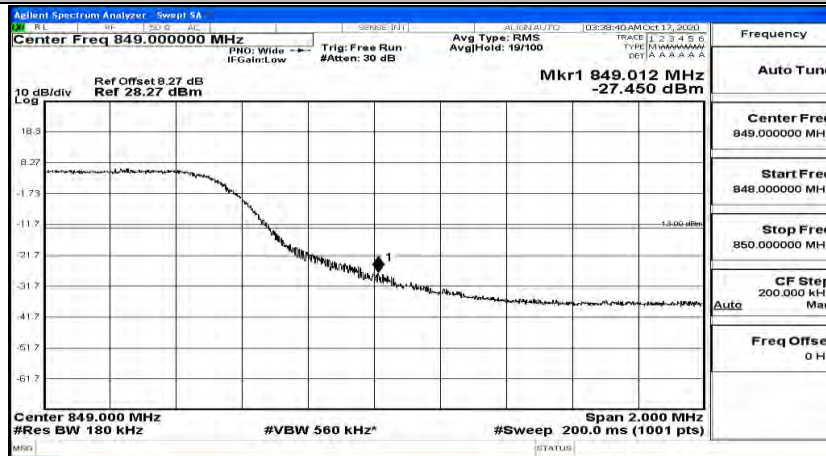
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



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



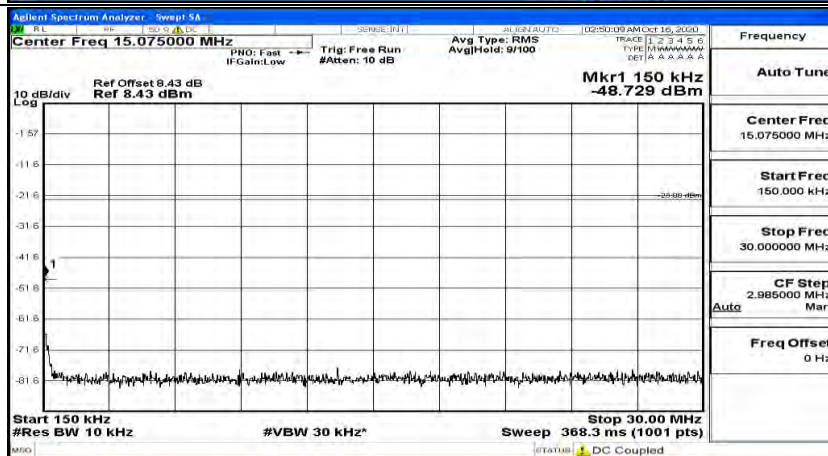
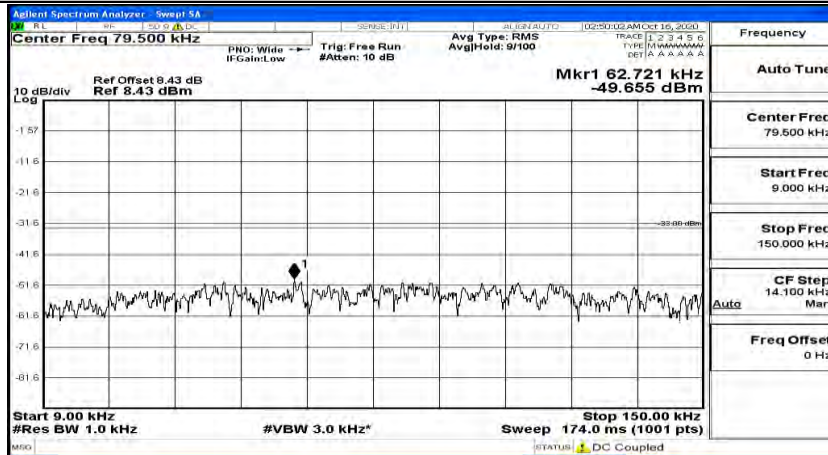
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



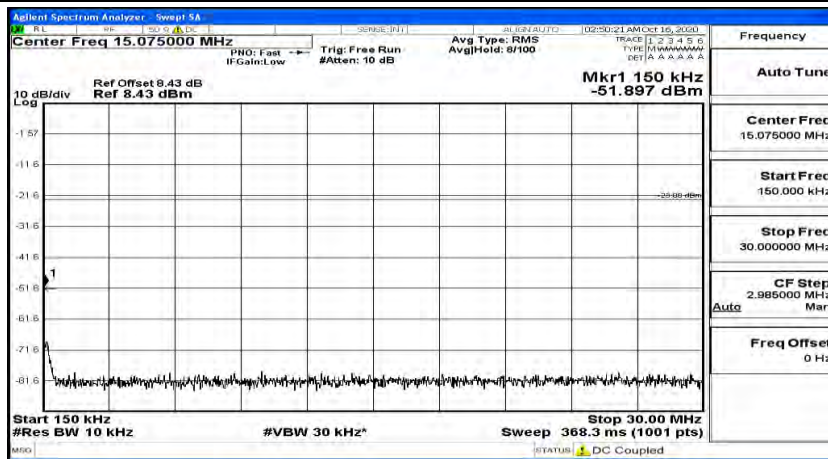
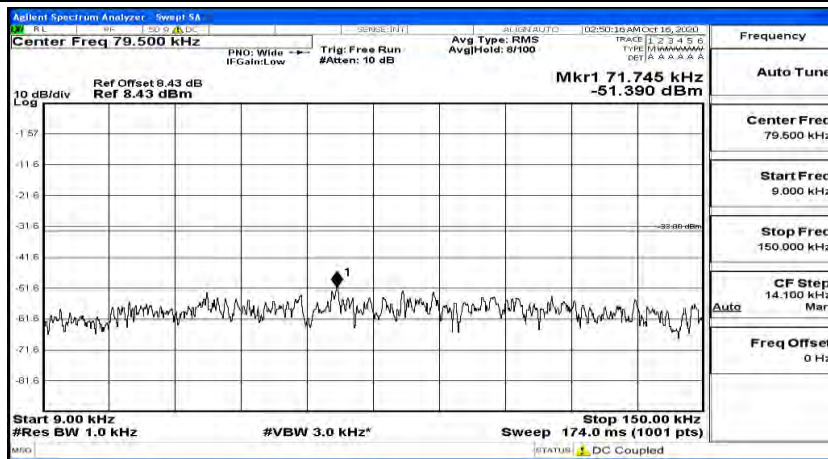
F.5 Conducted Spurious Emission

Channel Bandwidth: 1.4 MHz

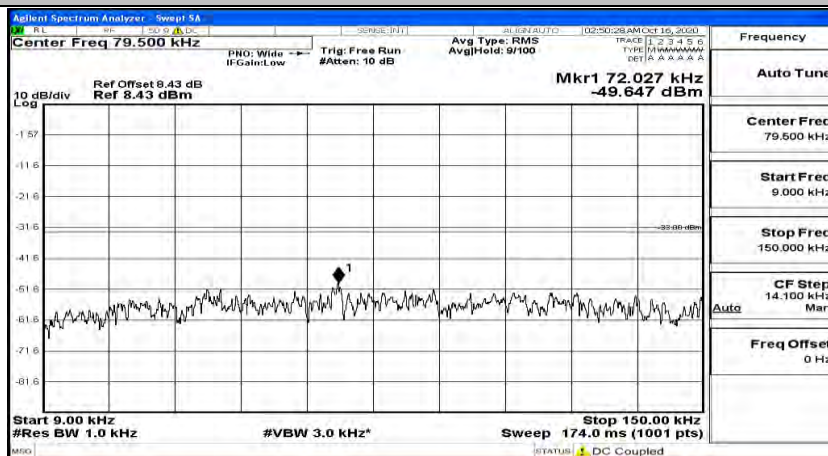
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

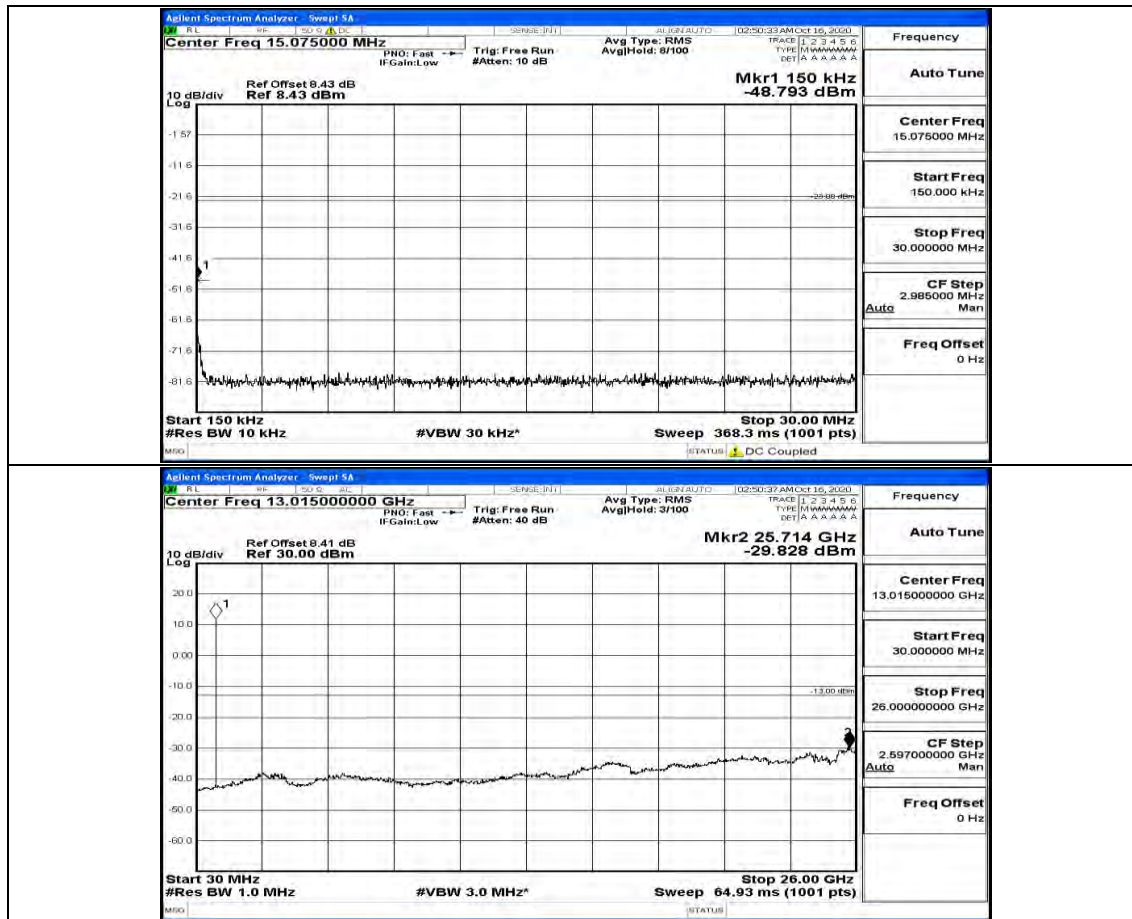


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

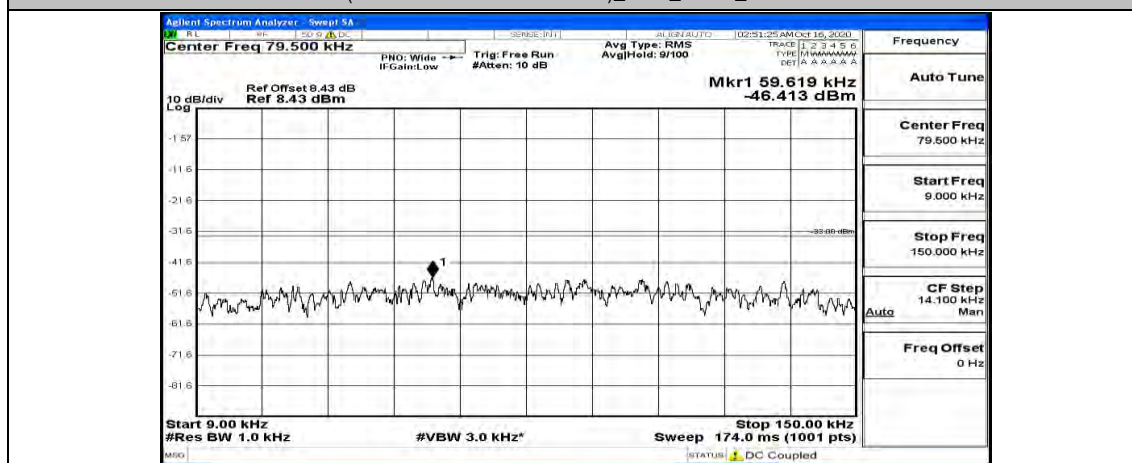


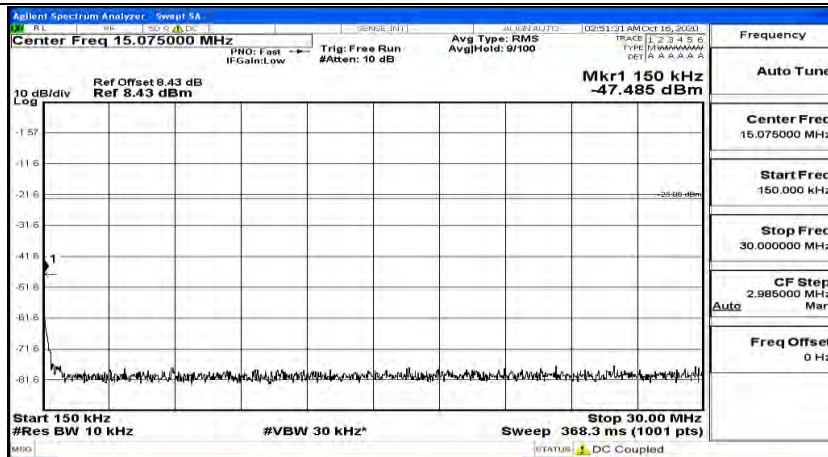
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



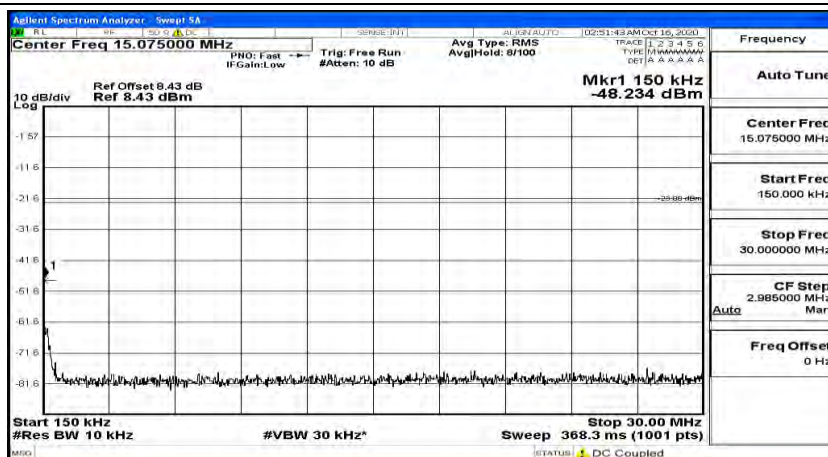
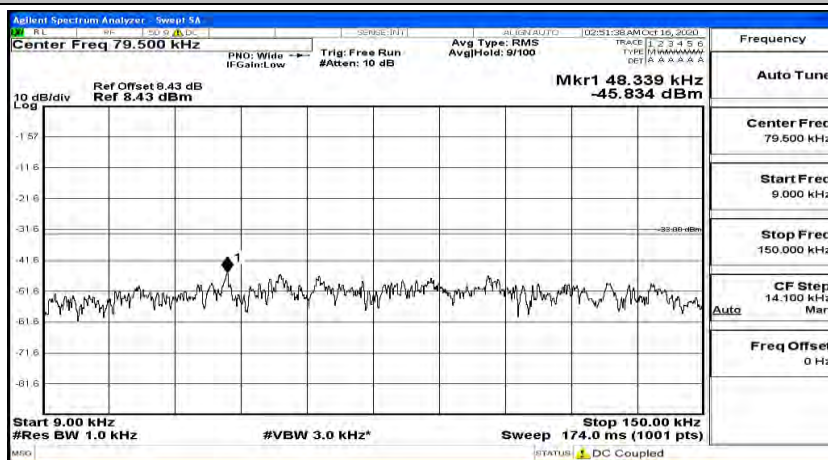


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



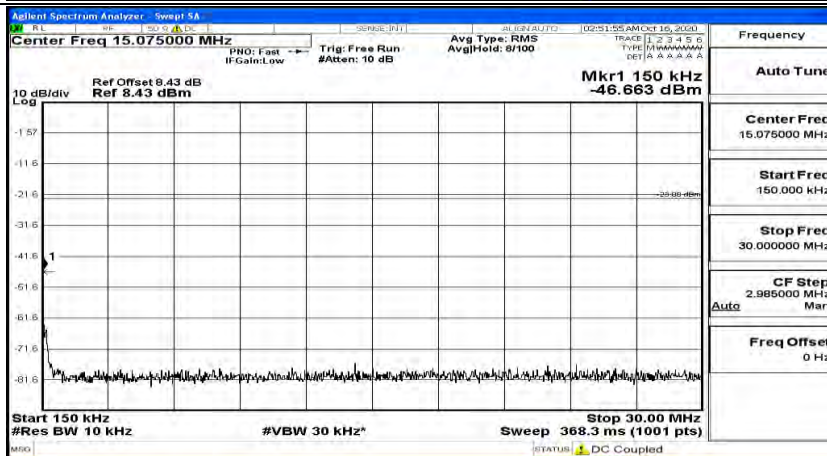
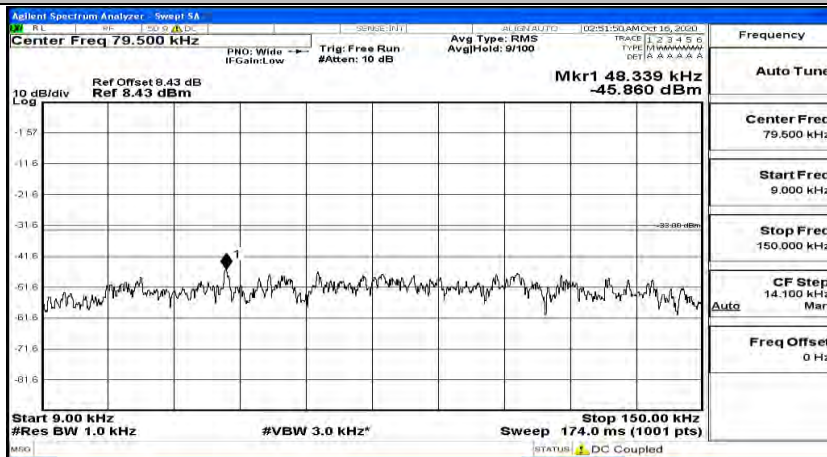


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

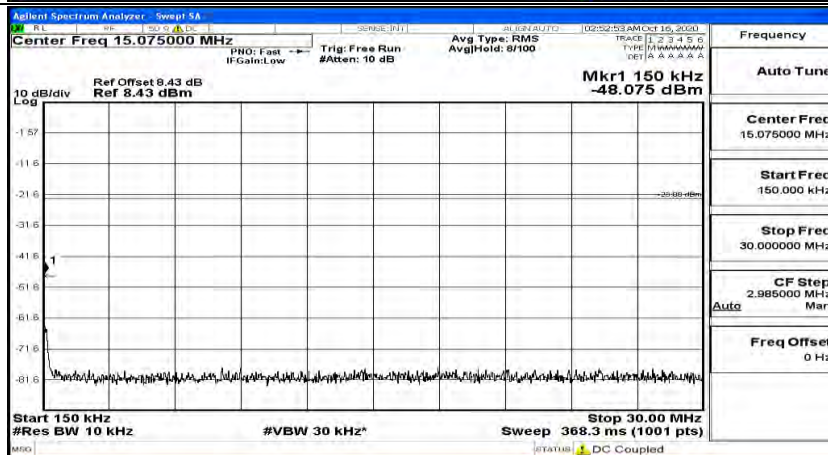
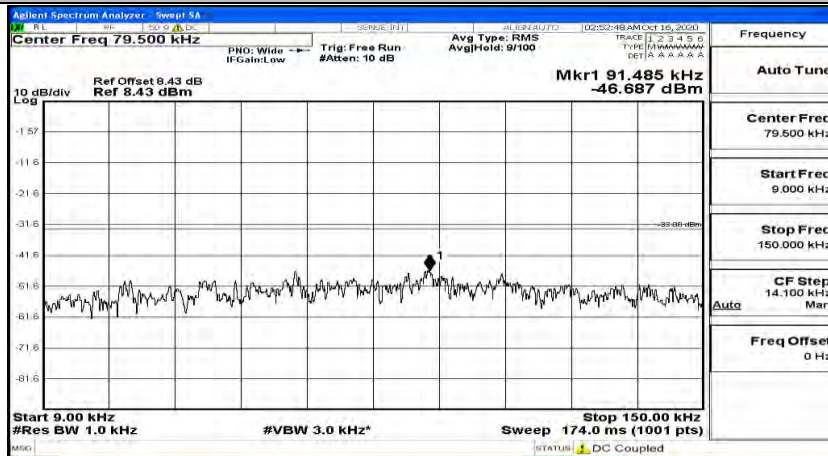




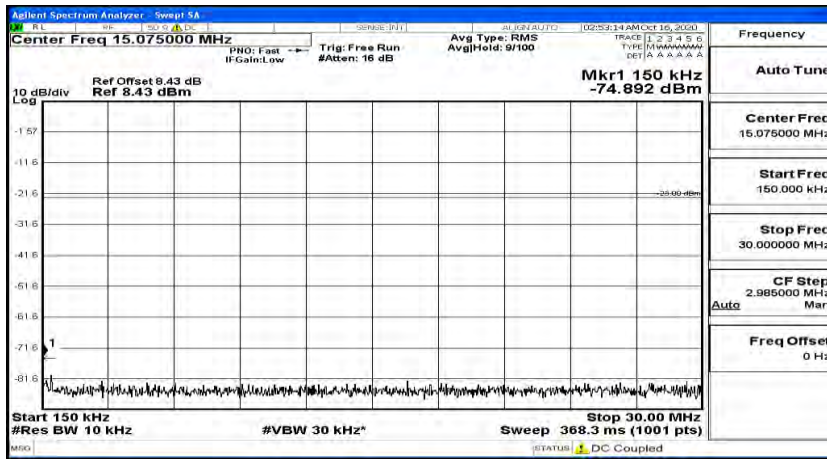
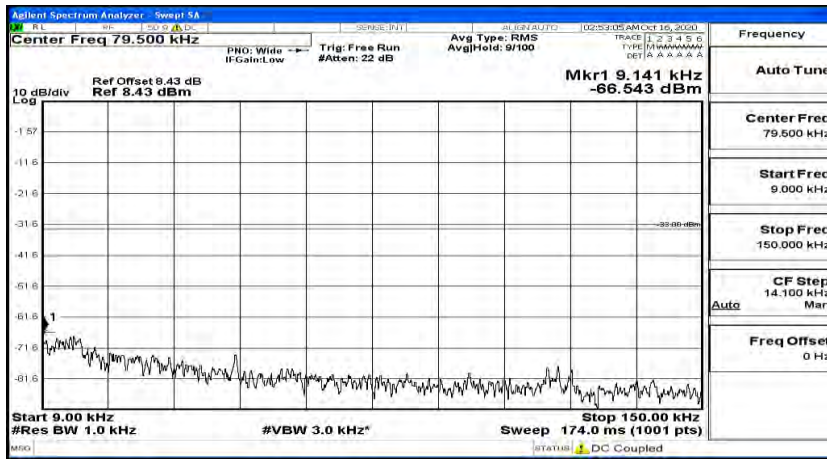
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



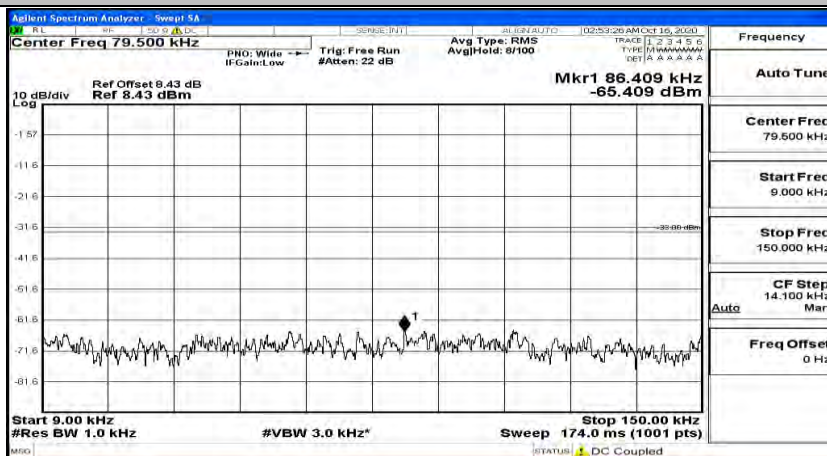
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

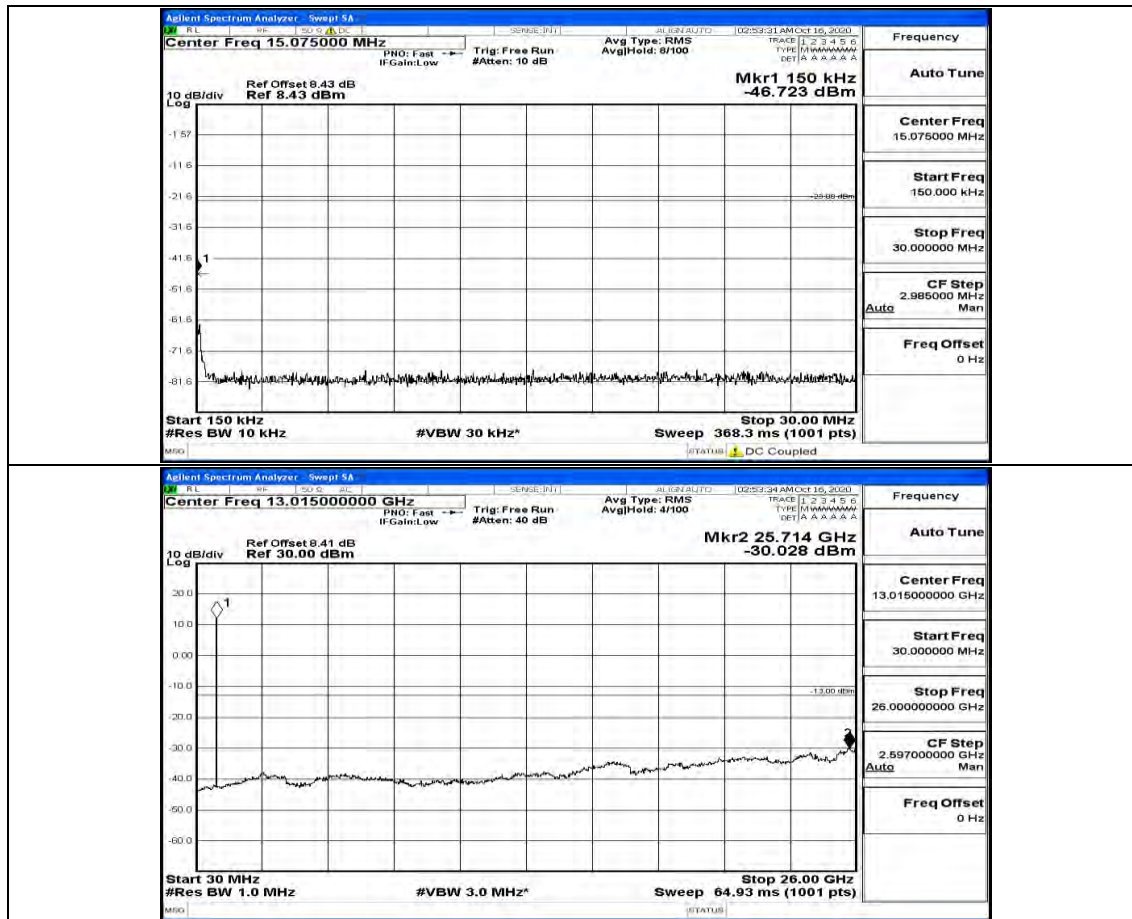


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

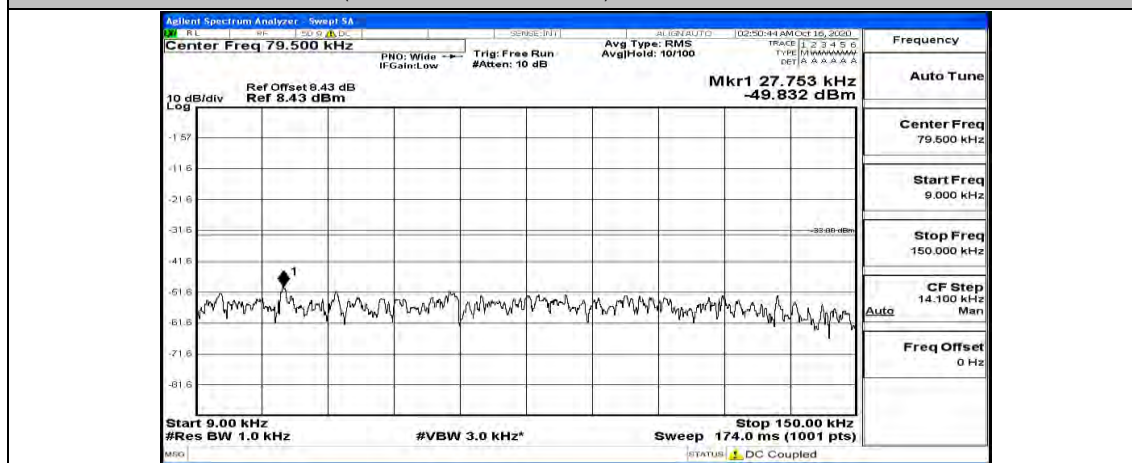


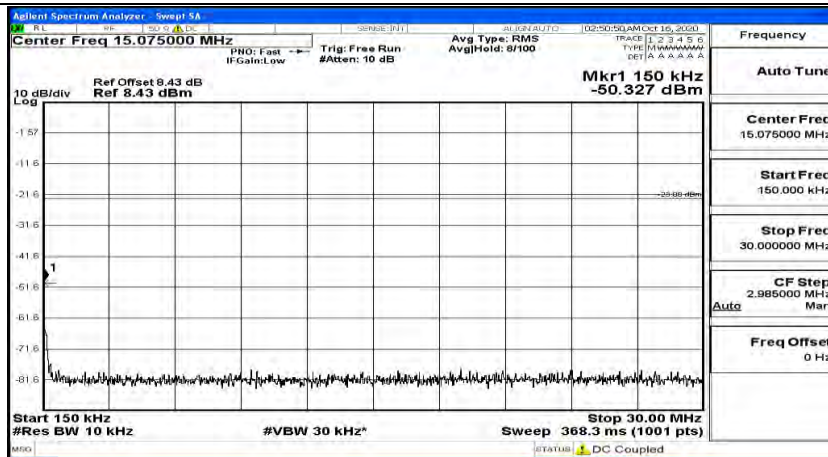
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



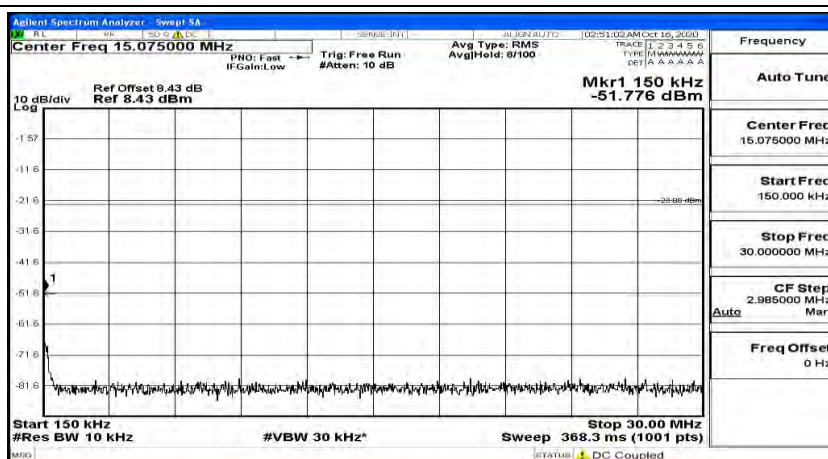
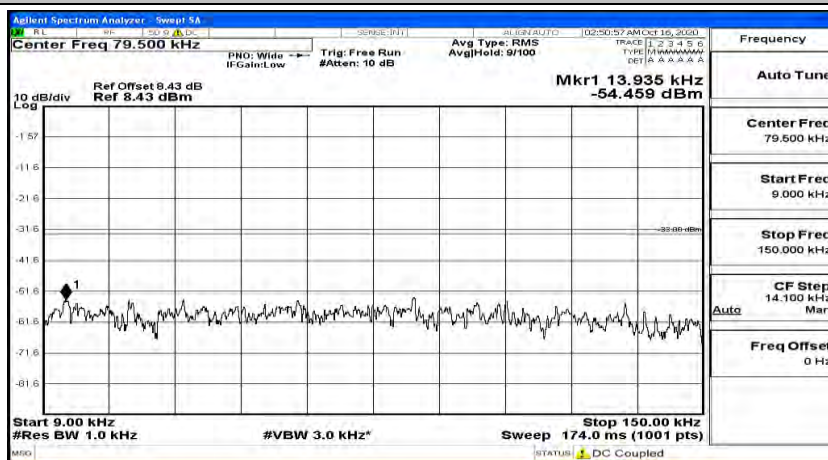


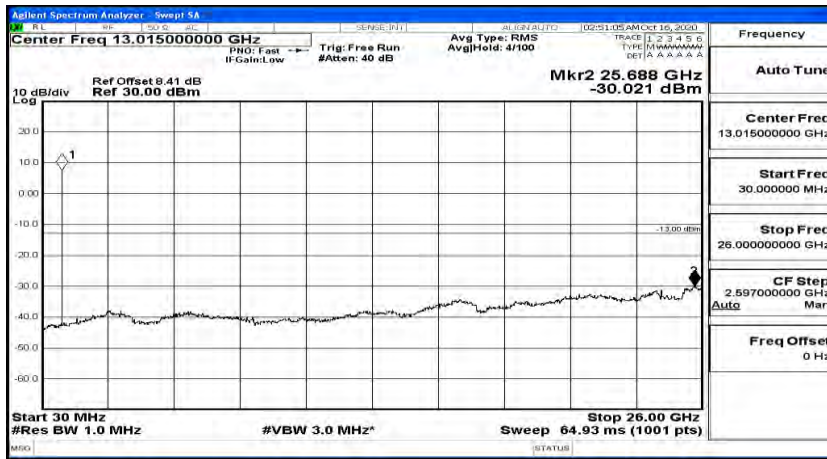
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



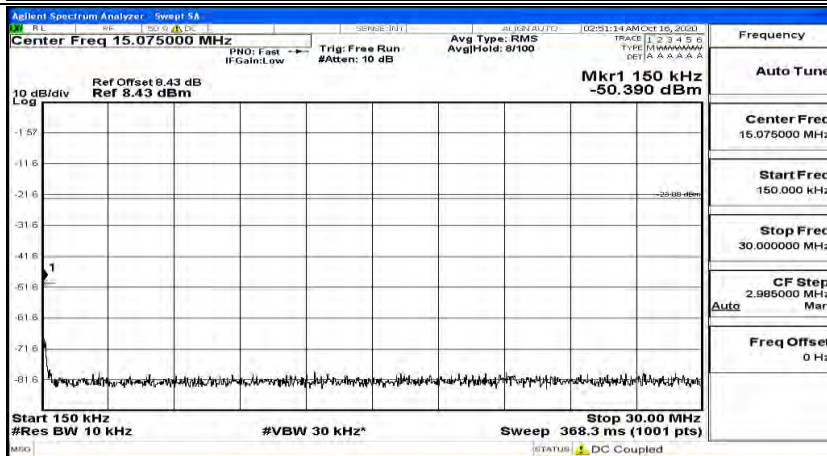
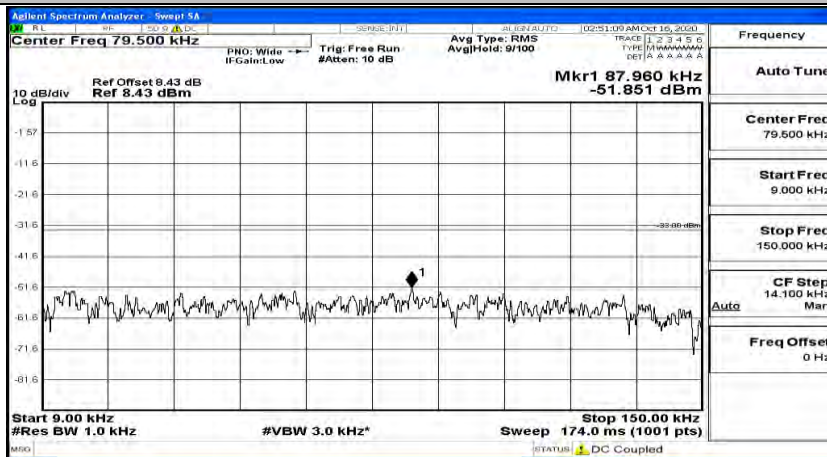


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

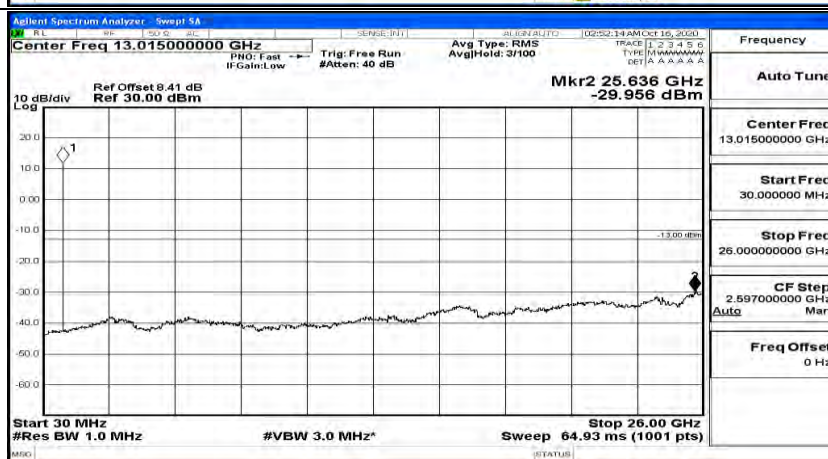
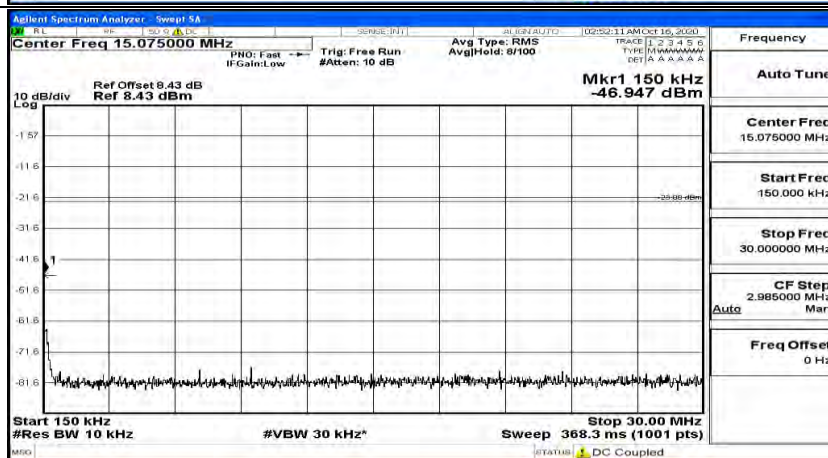
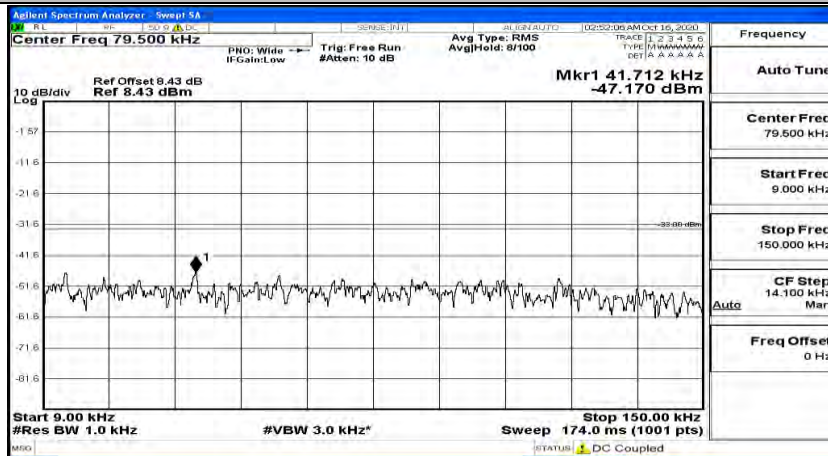




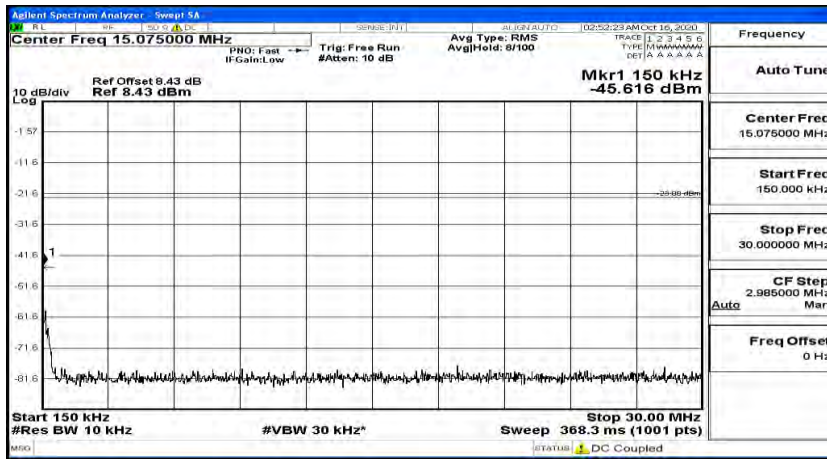
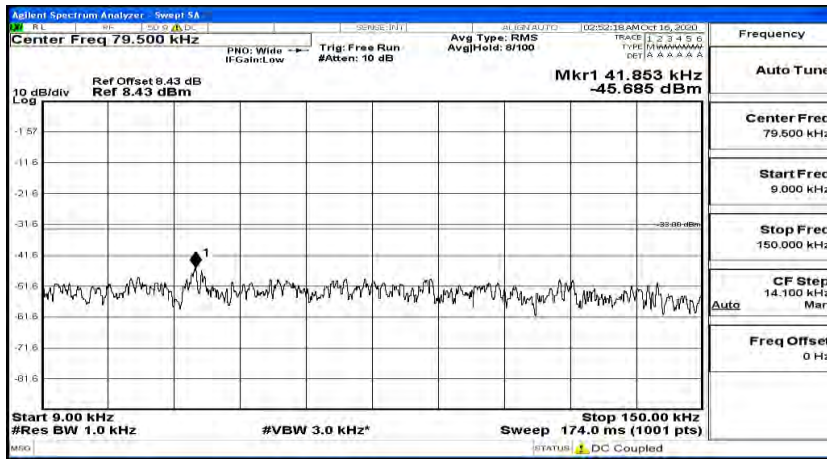
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



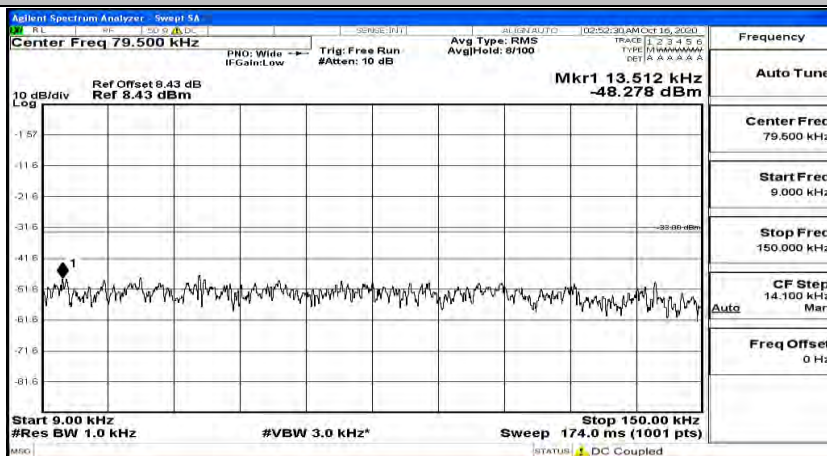
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

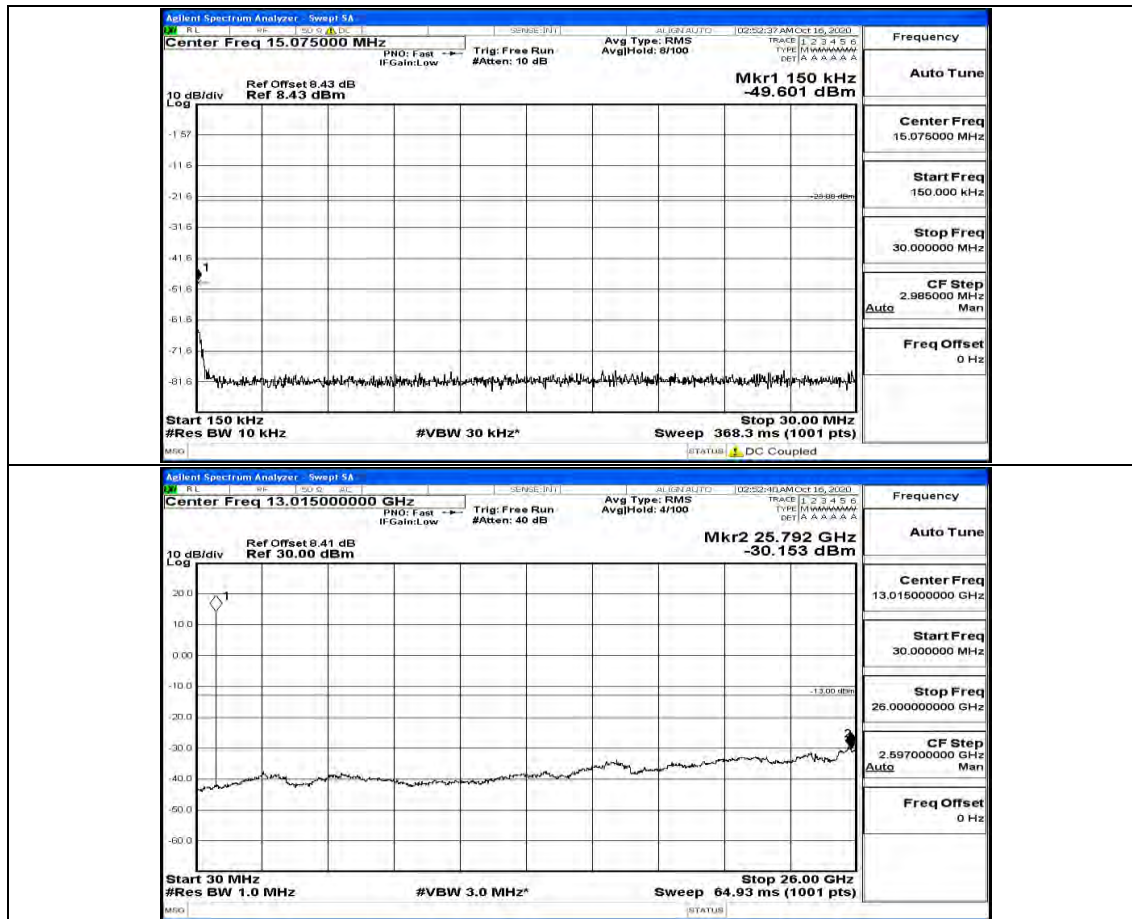


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

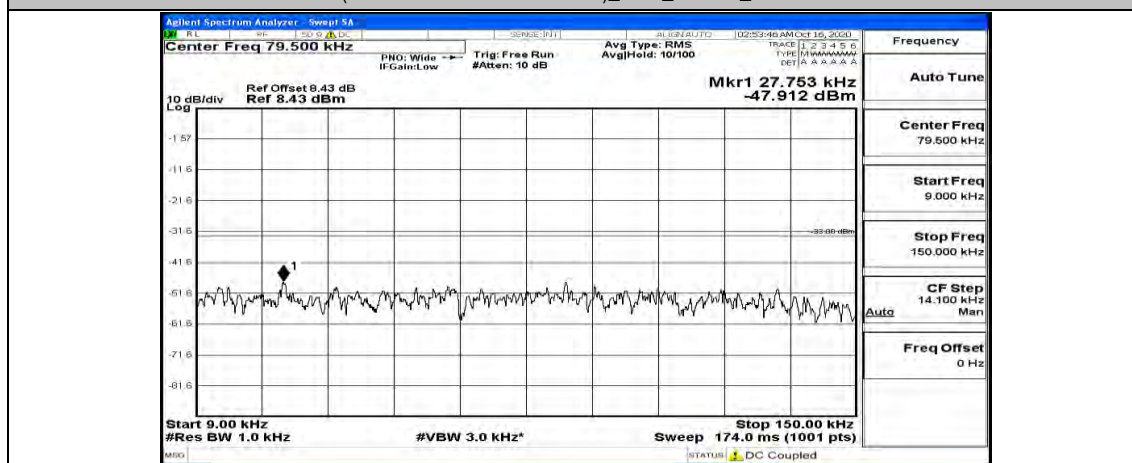


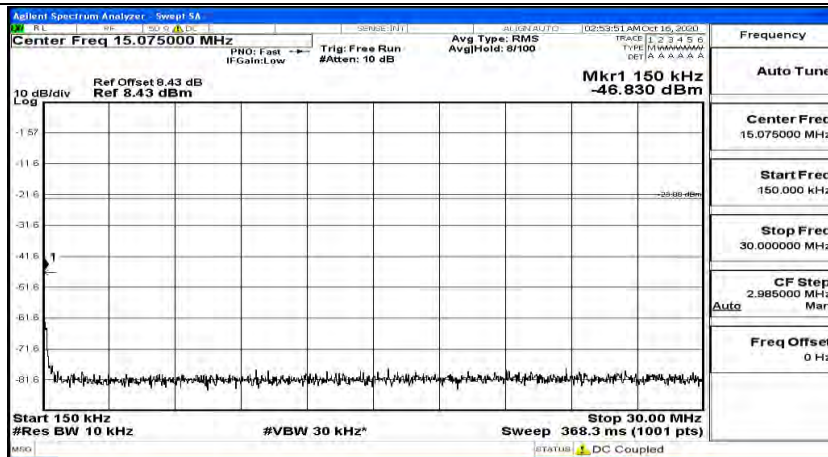
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



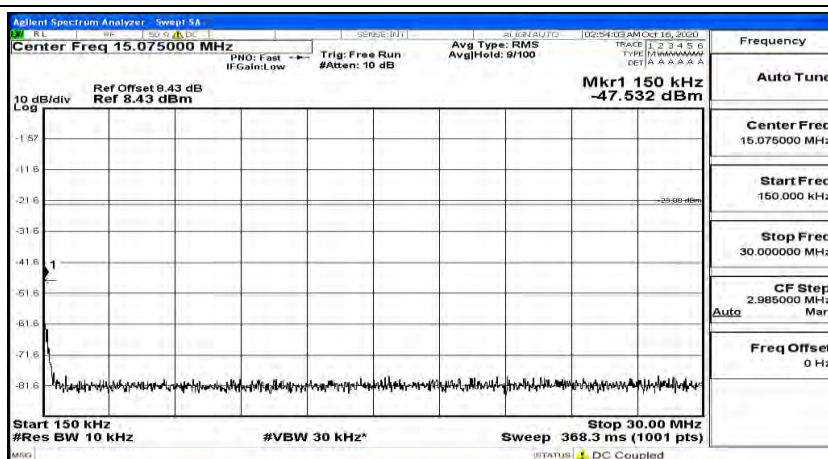
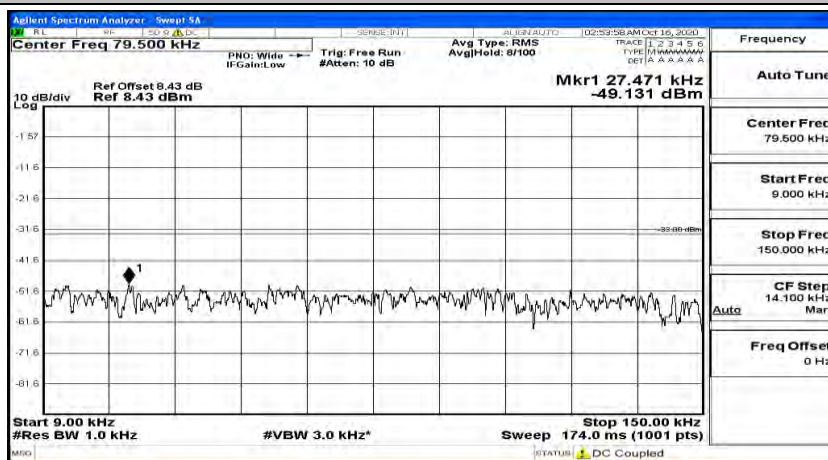


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



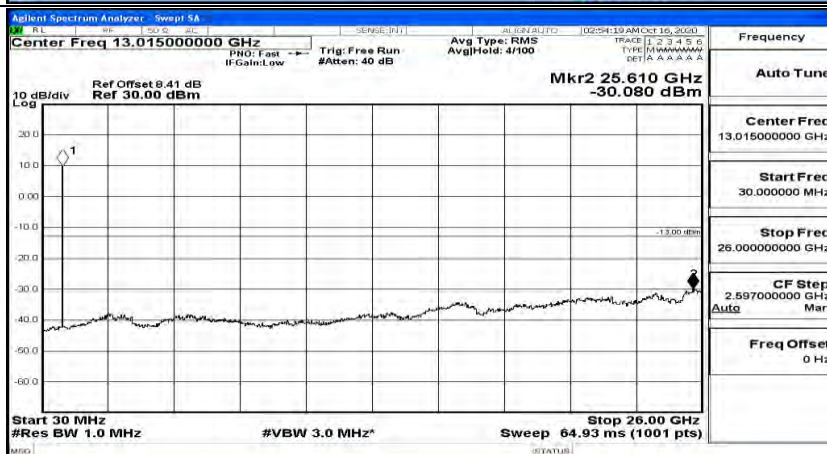
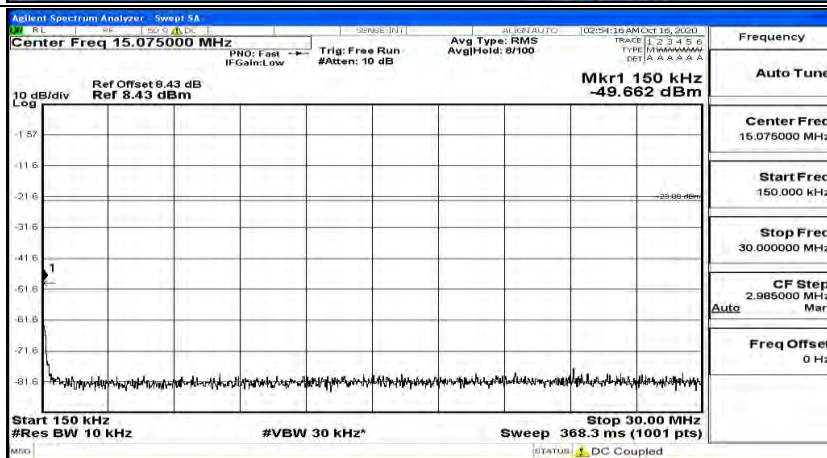
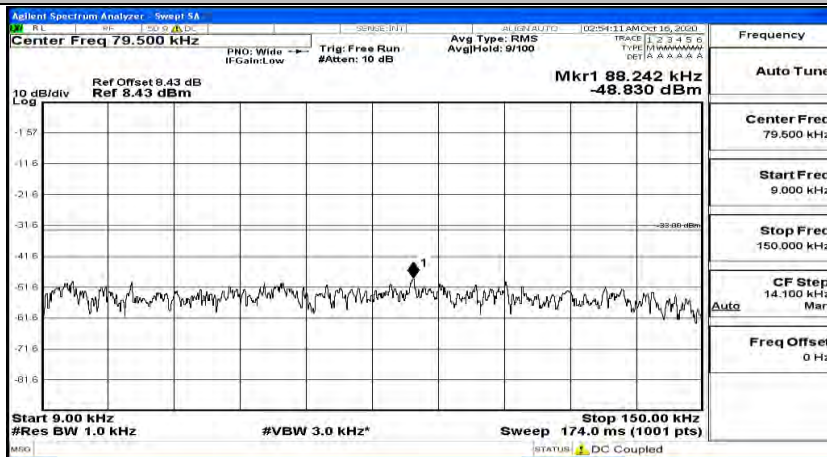


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



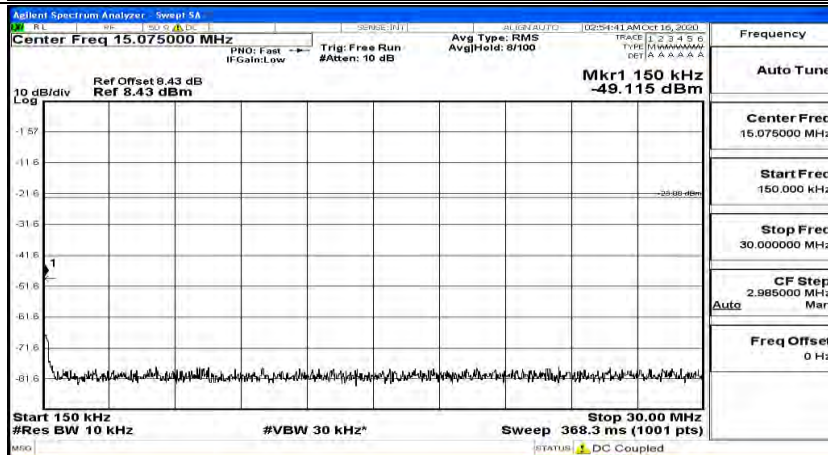
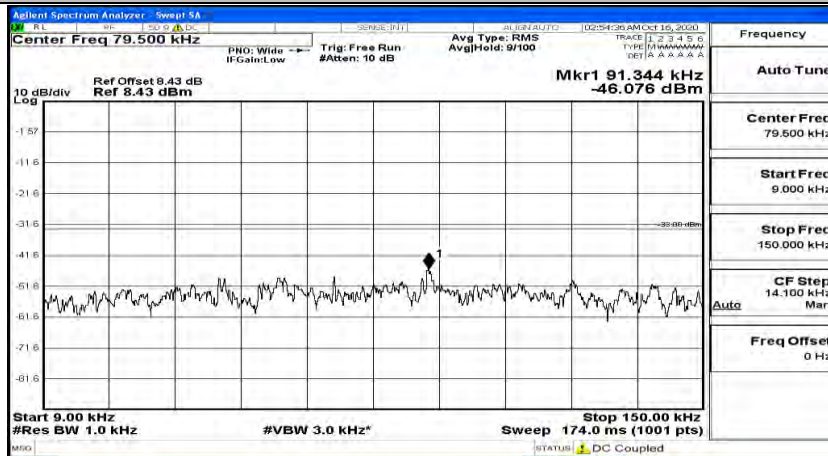


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7