

Appendix G: Test Data for E-UTRA Band 7

Product Name: Tablet

Trade Mark: N/A

Test Model: 8LB1

Environmental Conditions

Temperature:	24.6° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

G.1 Conducted Output Power

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	23.08	21.80	PASS
		1	12	23.16	22.10	PASS
		1	24	22.67	21.85	PASS
		12	0	21.80	20.85	PASS
		12	6	21.75	20.81	PASS
		12	13	21.70	20.76	PASS
		25	0	21.75	20.73	PASS
	MCH	1	0	22.76	21.92	PASS
		1	12	23.21	22.48	PASS
		1	24	23.14	22.28	PASS
		12	0	21.96	20.97	PASS
		12	6	22.08	21.06	PASS
		12	13	22.03	20.96	PASS
		25	0	22.03	21.03	PASS
	HCH	1	0	21.81	21.05	PASS
		1	12	22.37	21.54	PASS
		1	24	22.35	21.56	PASS
		12	0	21.02	20.05	PASS
		12	6	21.23	20.21	PASS
		12	13	21.25	20.24	PASS
		25	0	21.13	20.13	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	22.64	21.89	PASS
		1	24	22.88	22.11	PASS
		1	49	22.83	22.08	PASS
		25	0	21.90	20.91	PASS
		25	12	21.88	20.84	PASS
		25	25	22.01	20.99	PASS
		50	0	21.87	20.85	PASS
	MCH	1	0	22.62	21.97	PASS
		1	24	23.12	22.45	PASS
		1	49	23.24	22.53	PASS
		25	0	22.02	21.03	PASS
		25	12	22.03	21.06	PASS
		25	25	22.07	21.08	PASS
		50	0	22.02	21.03	PASS
	HCH	1	0	21.47	20.71	PASS
		1	24	21.97	21.24	PASS
		1	49	22.38	21.56	PASS
		25	0	20.57	19.60	PASS
		25	12	20.88	19.86	PASS
		25	25	21.11	20.09	PASS
		50	0	20.83	19.87	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	22.58	21.79	PASS
		1	37	23.07	22.22	PASS
		1	74	22.61	21.84	PASS
		37	0	21.97	20.89	PASS
		37	18	22.03	20.90	PASS
		37	38	22.12	21.01	PASS
		75	0	22.06	21.00	PASS
	MCH	1	0	22.40	21.62	PASS
		1	37	23.27	22.35	PASS
		1	74	23.20	22.42	PASS
		37	0	21.94	20.87	PASS
		37	18	22.19	21.10	PASS
		37	38	22.27	21.21	PASS
		75	0	22.06	21.03	PASS
	HCH	1	0	21.42	20.66	PASS
		1	37	21.69	21.03	PASS
		1	74	22.31	21.48	PASS
		37	0	20.49	19.45	PASS
		37	18	20.66	19.62	PASS
		37	38	21.01	19.91	PASS
		75	0	20.80	19.73	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	22.49	21.69	PASS
		1	49	23.14	22.30	PASS
		1	99	22.27	21.42	PASS
		50	0	21.83	20.79	PASS
		50	25	21.94	20.92	PASS
		50	50	21.91	20.87	PASS
		100	0	21.89	20.88	PASS
	MCH	1	0	22.17	21.57	PASS
		1	49	23.24	22.51	PASS
		1	99	22.92	22.20	PASS
		50	0	21.77	20.83	PASS
		50	25	22.03	21.08	PASS
		50	50	22.05	21.10	PASS
		100	0	21.93	20.91	PASS
	HCH	1	0	21.77	21.06	PASS
		1	49	21.53	20.83	PASS
		1	99	21.98	21.26	PASS
		50	0	20.53	19.52	PASS
		50	25	20.54	19.54	PASS
		50	50	20.81	19.76	PASS
		100	0	20.71	19.67	PASS

G.2 Peak-to-Average Ratio

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.95	<13	PASS
	MCH	4.97	<13	PASS
	HCH	5.06	<13	PASS
16QAM	LCH	5.67	<13	PASS
	MCH	5.69	<13	PASS
	HCH	5.86	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.18	<13	PASS
	MCH	5.15	<13	PASS
	HCH	5.29	<13	PASS
16QAM	LCH	5.91	<13	PASS
	MCH	5.89	<13	PASS
	HCH	6.1	<13	PASS

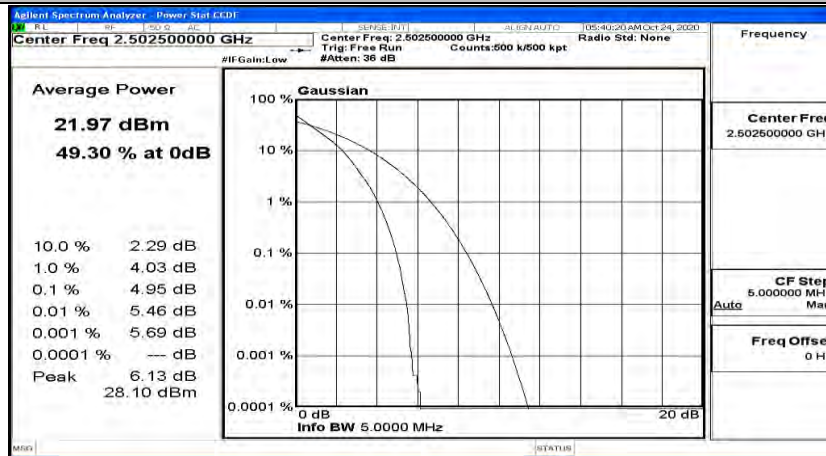
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.07	<13	PASS
	MCH	4.9	<13	PASS
	HCH	5	<13	PASS
16QAM	LCH	6.17	<13	PASS
	MCH	6.07	<13	PASS
	HCH	6.2	<13	PASS

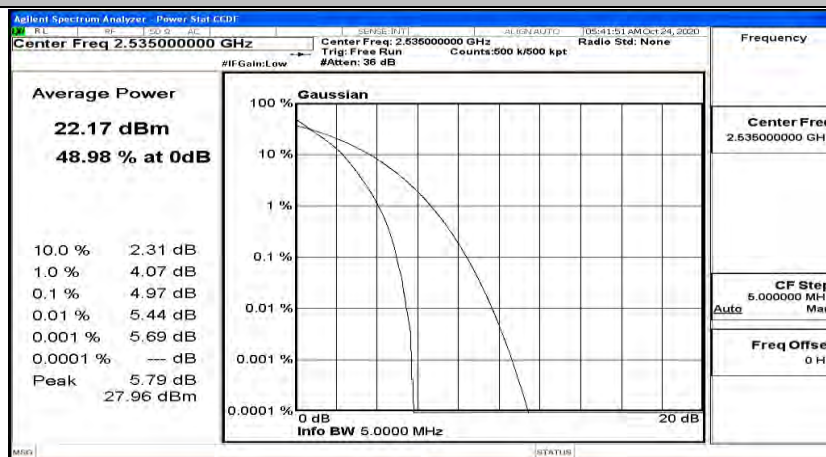
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.79	<13	PASS
	MCH	5.78	<13	PASS
	HCH	5.78	<13	PASS
16QAM	LCH	6.74	<13	PASS
	MCH	6.58	<13	PASS
	HCH	6.66	<13	PASS

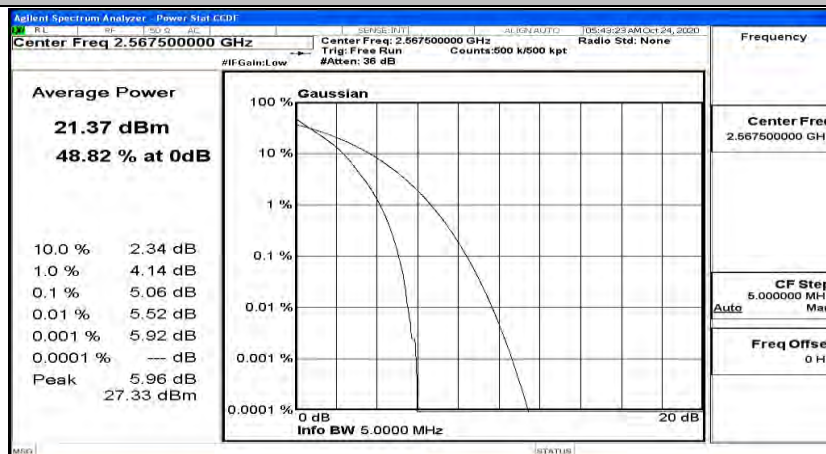
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



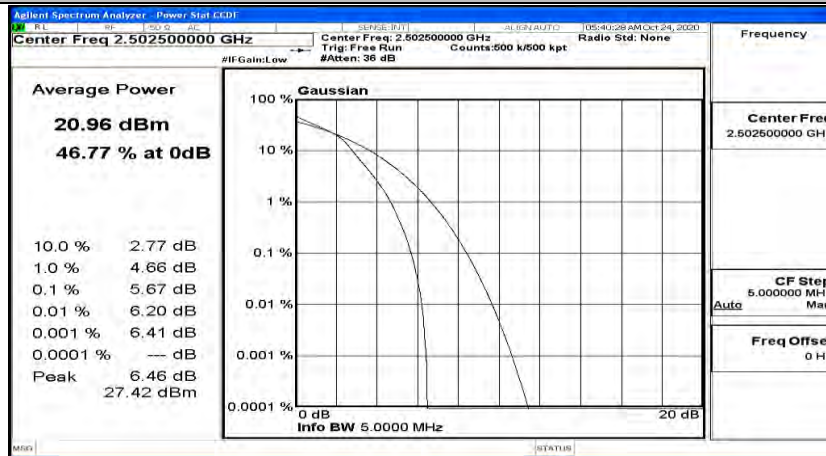
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



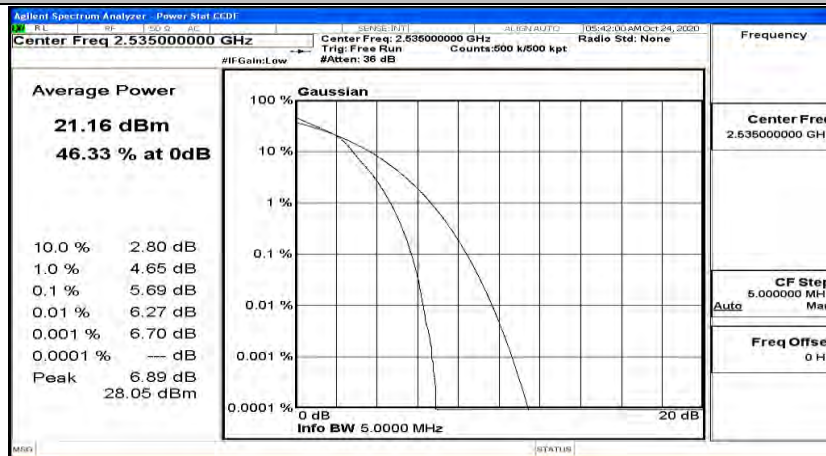
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



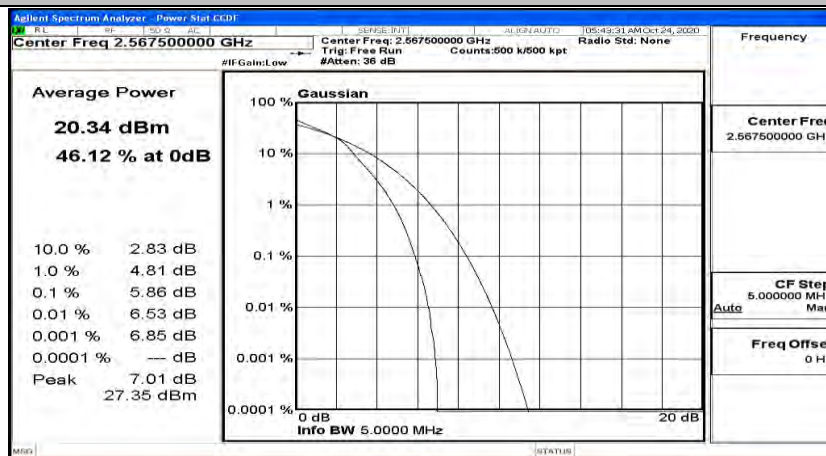
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



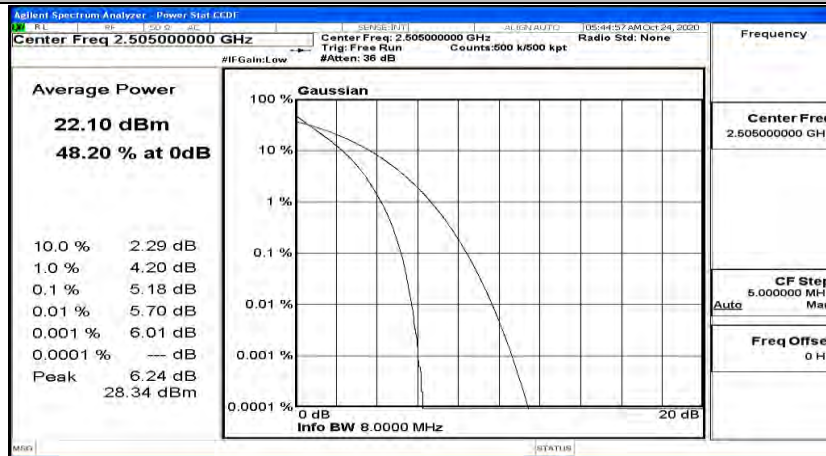
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



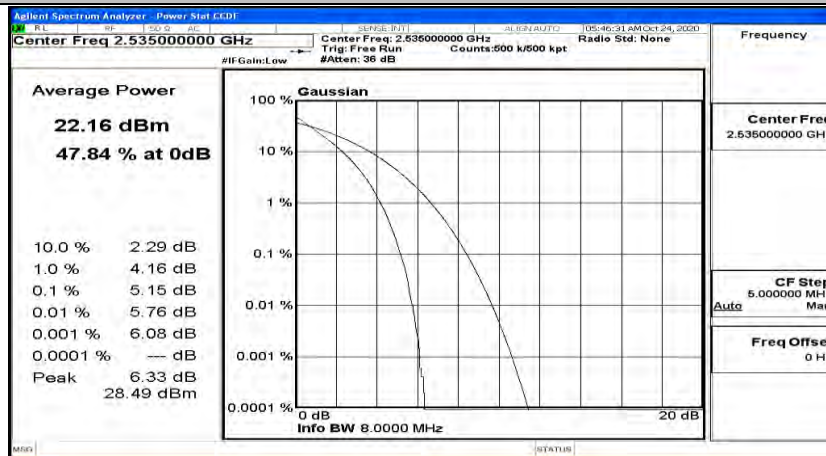
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



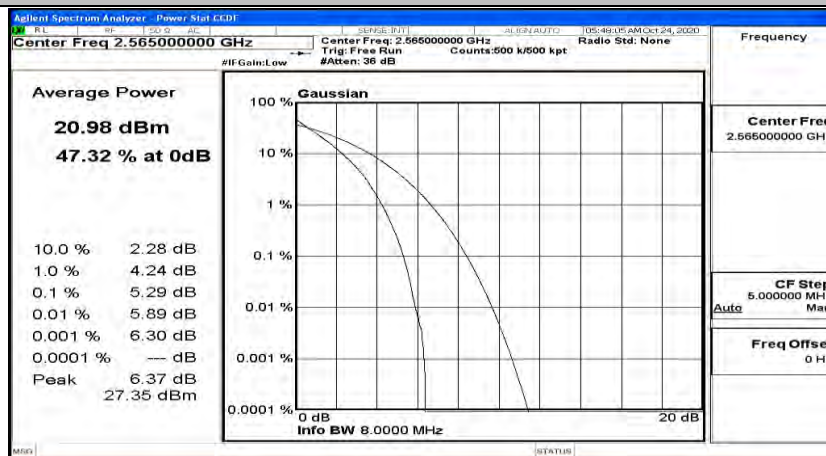
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



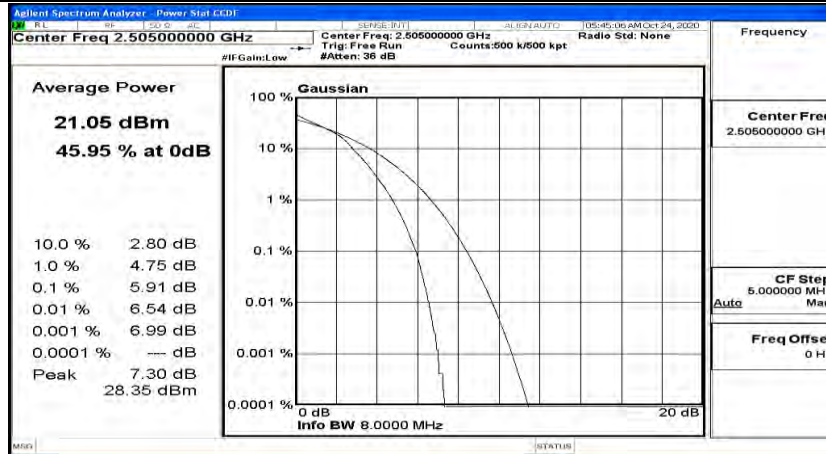
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



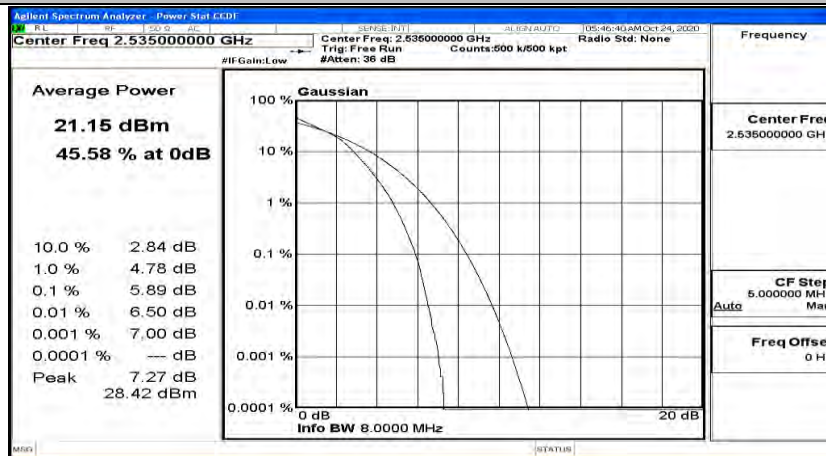
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



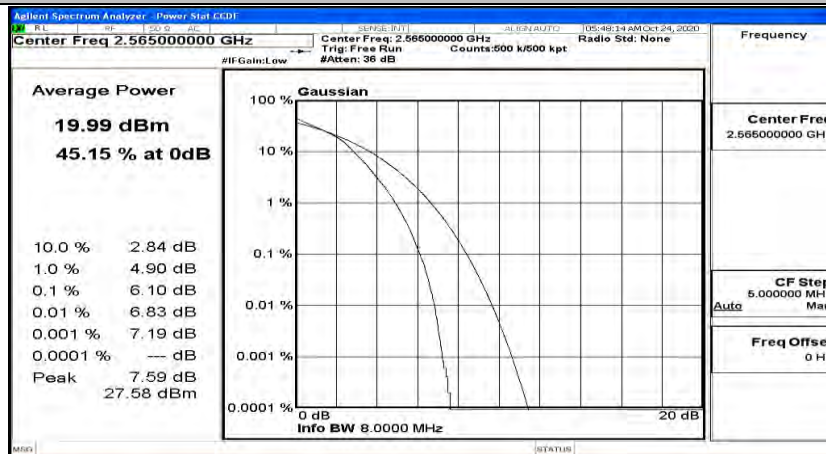
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



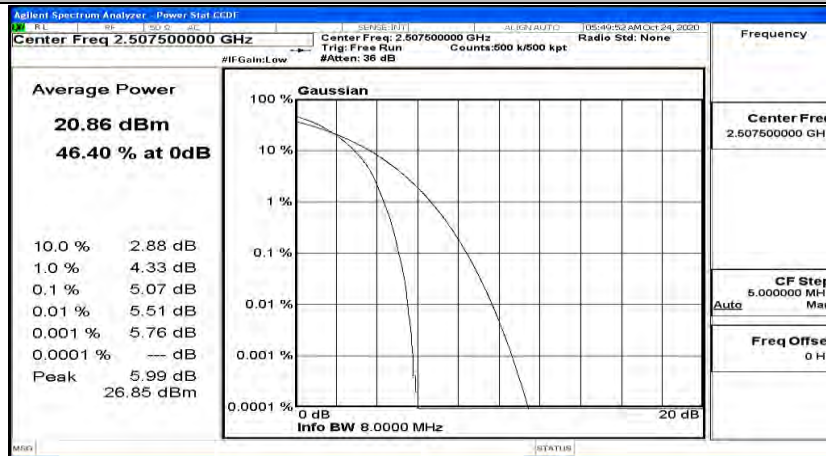
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



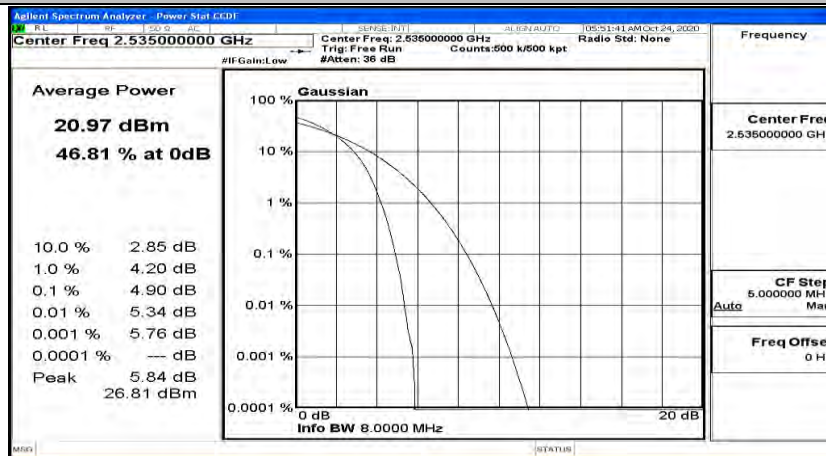
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



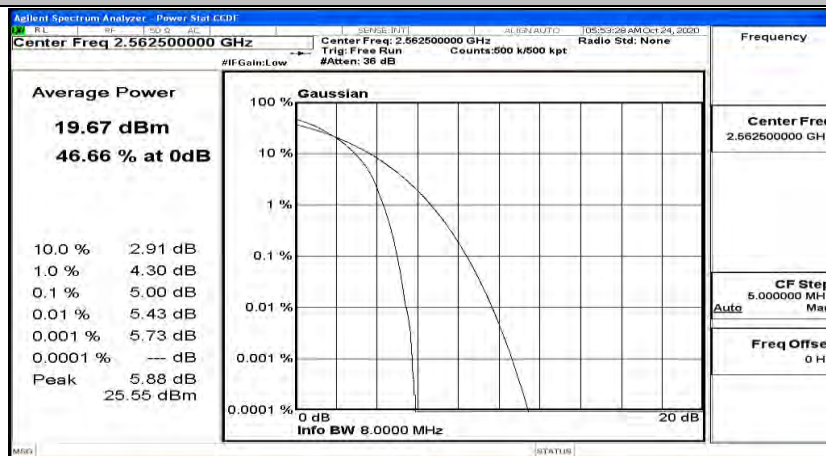
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



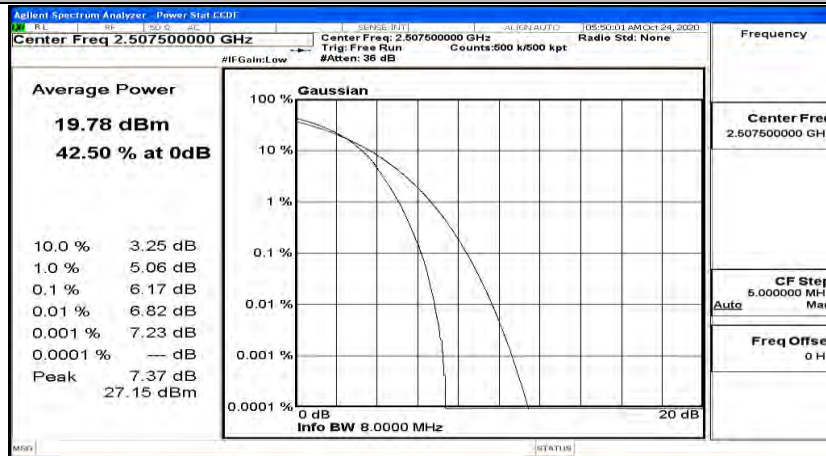
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



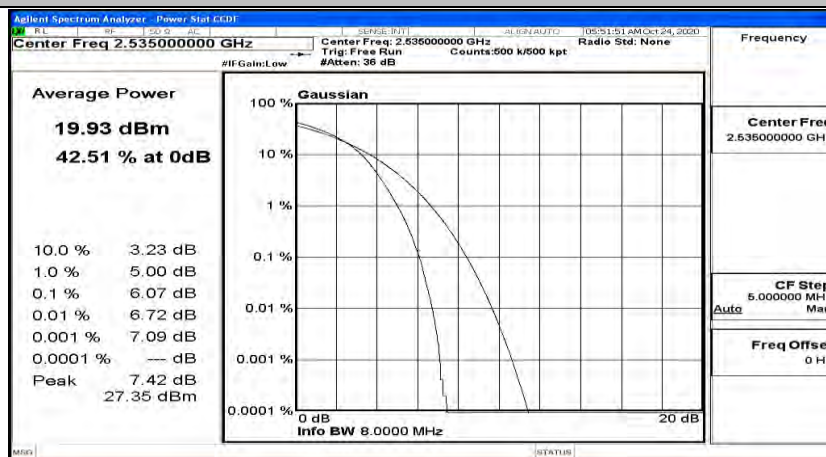
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



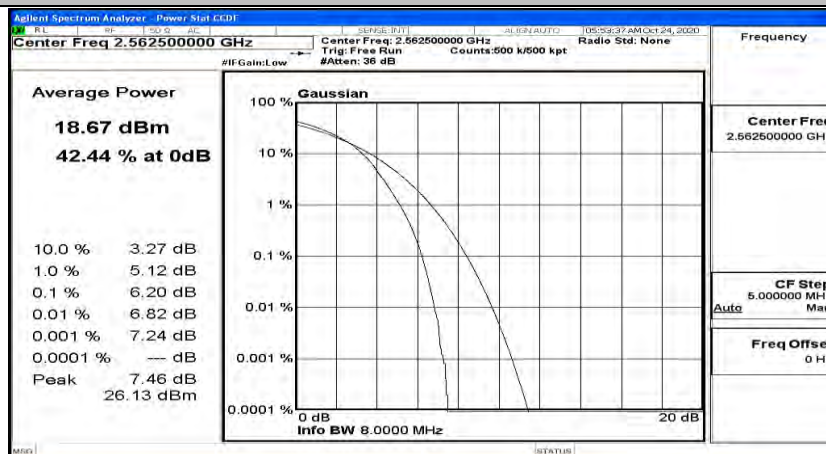
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



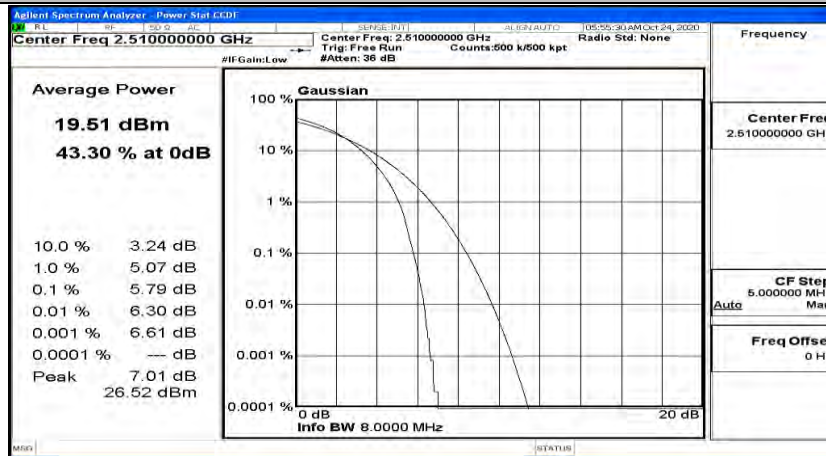
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



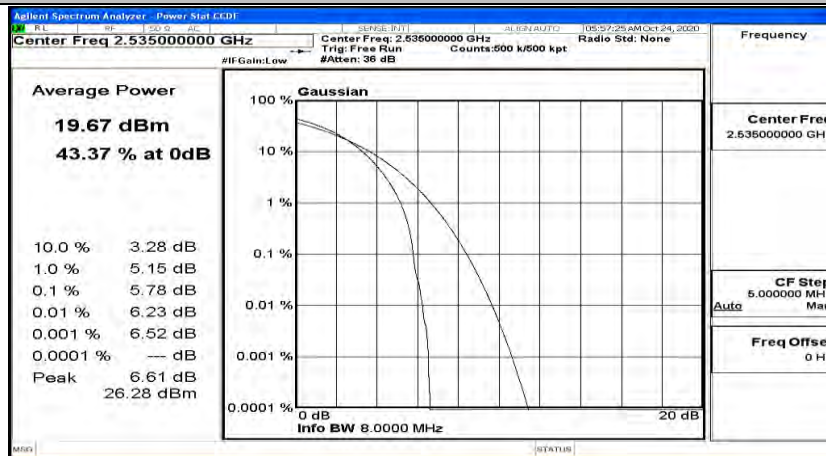
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



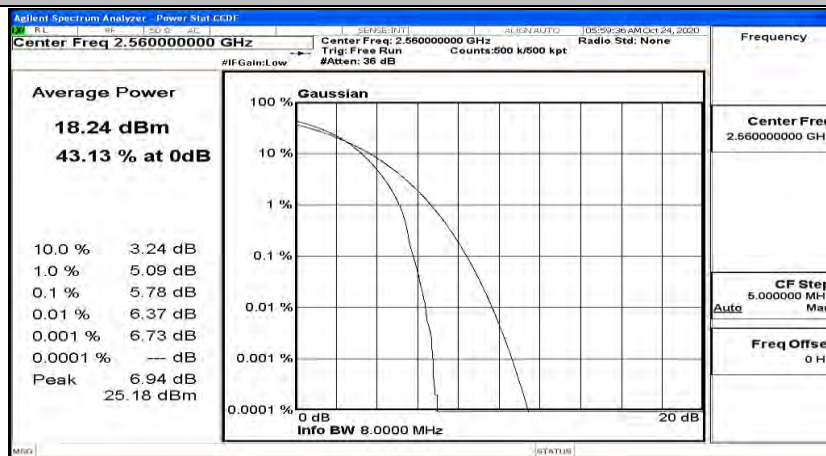
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



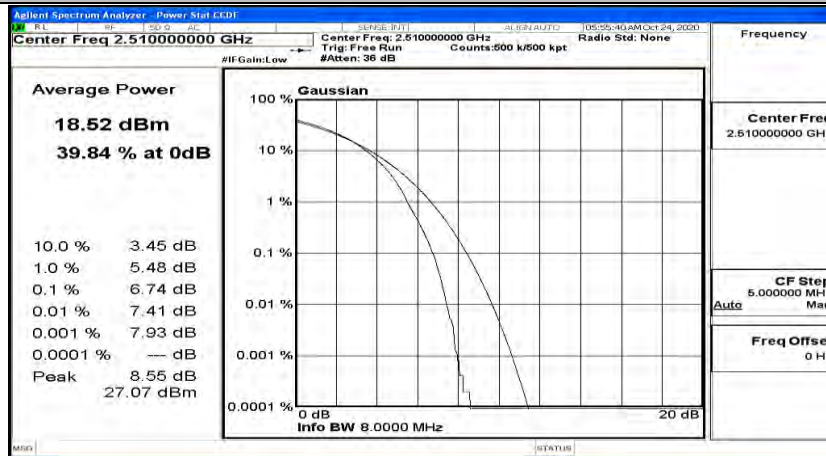
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



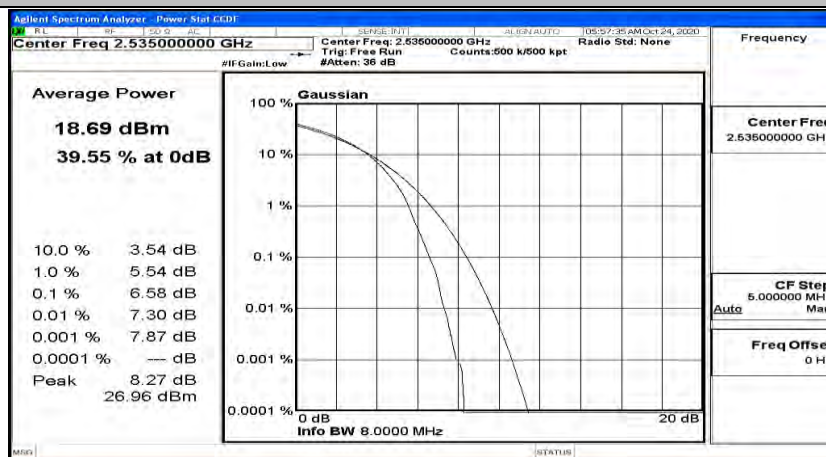
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



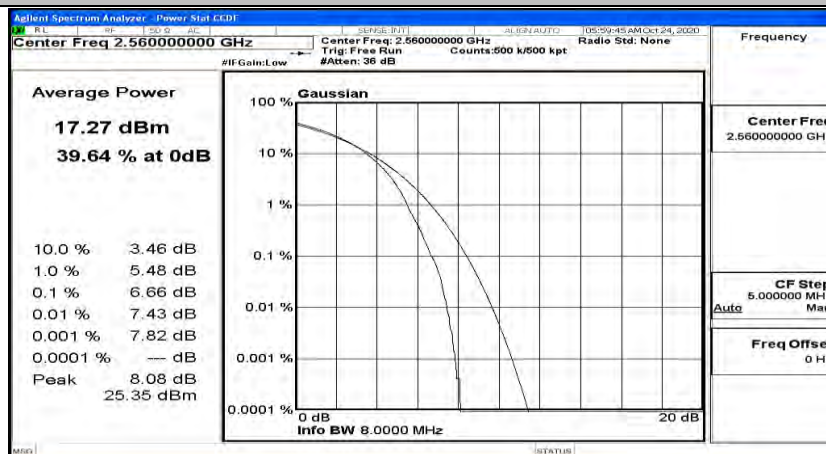
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



G.3 26dB Bandwidth and Occupied Bandwidth

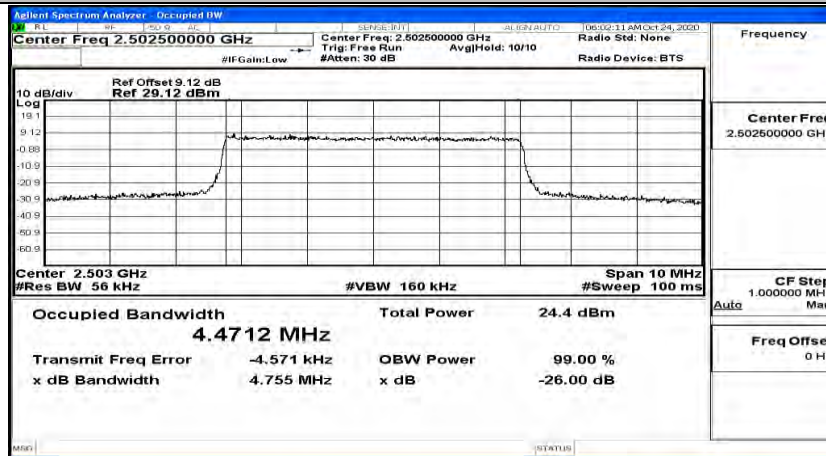
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4712	4.755	PASS
	MCH	4.4789	4.750	PASS
	HCH	4.4821	4.716	PASS
16QAM	LCH	4.4863	4.721	PASS
	MCH	4.4726	4.718	PASS
	HCH	4.4682	4.772	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9557	9.420	PASS
	MCH	8.9268	9.397	PASS
	HCH	8.9399	9.411	PASS
16QAM	LCH	8.9603	9.469	PASS
	MCH	8.9421	9.347	PASS
	HCH	8.9276	9.360	PASS

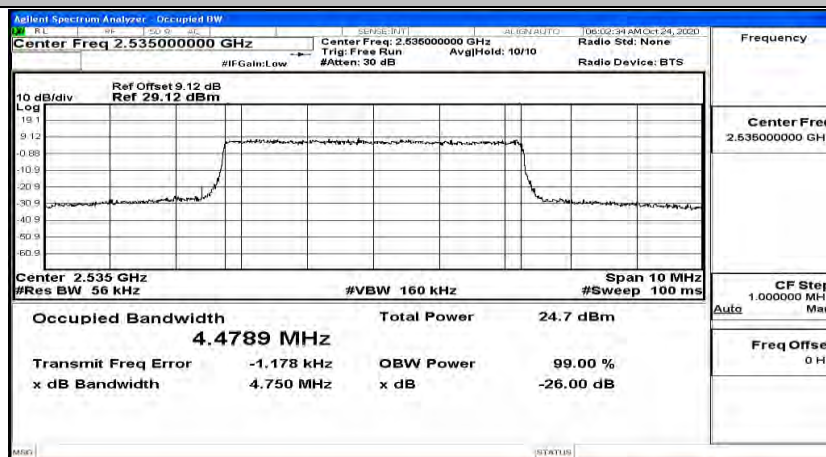
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.440	14.04	PASS
	MCH	13.387	13.93	PASS
	HCH	13.395	13.97	PASS
16QAM	LCH	13.437	14.00	PASS
	MCH	13.387	13.96	PASS
	HCH	13.398	14.02	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.871	18.59	PASS
	MCH	17.838	18.54	PASS
	HCH	17.882	18.57	PASS
16QAM	LCH	17.887	18.55	PASS
	MCH	17.837	18.55	PASS
	HCH	17.853	18.54	PASS

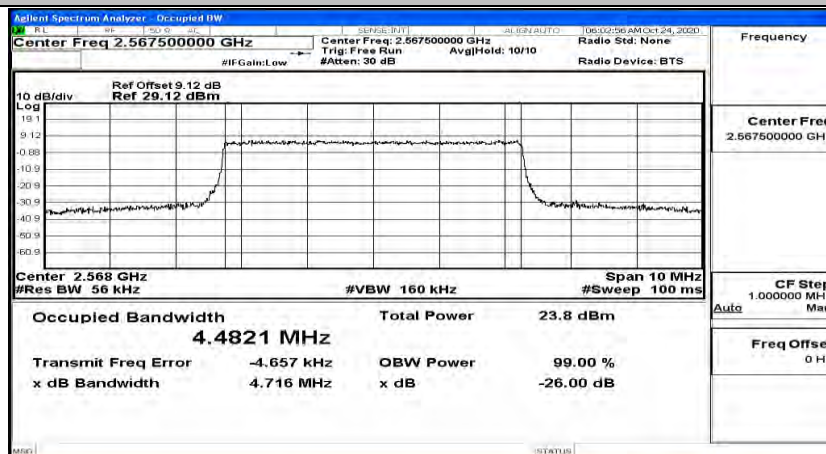
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



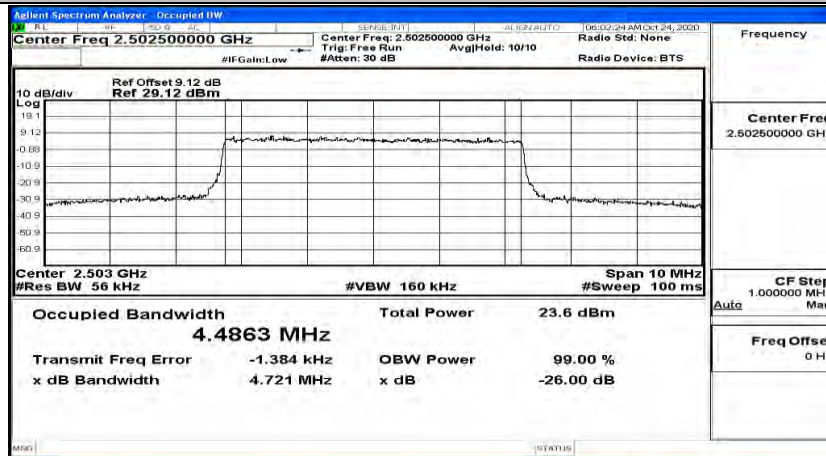
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



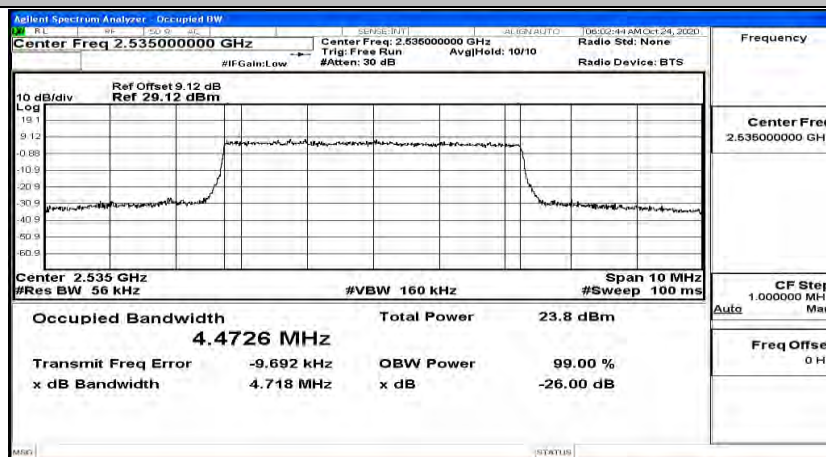
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



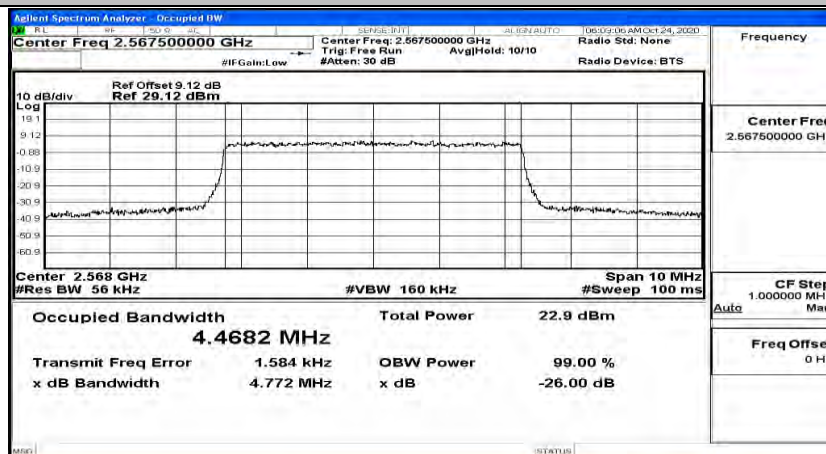
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



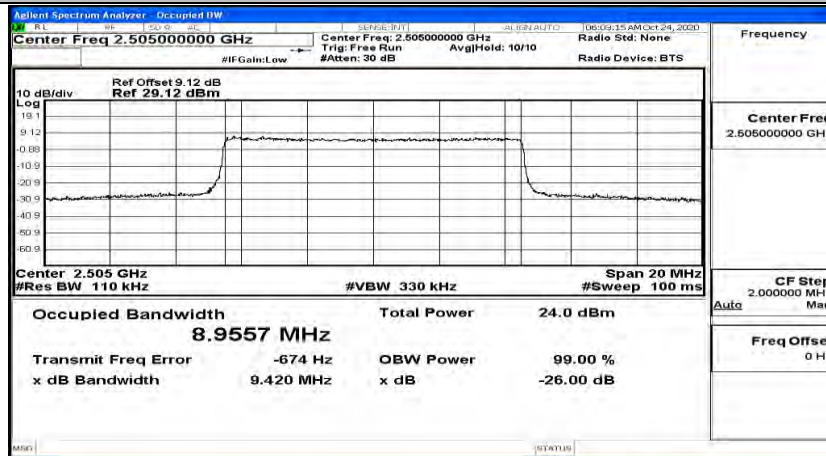
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



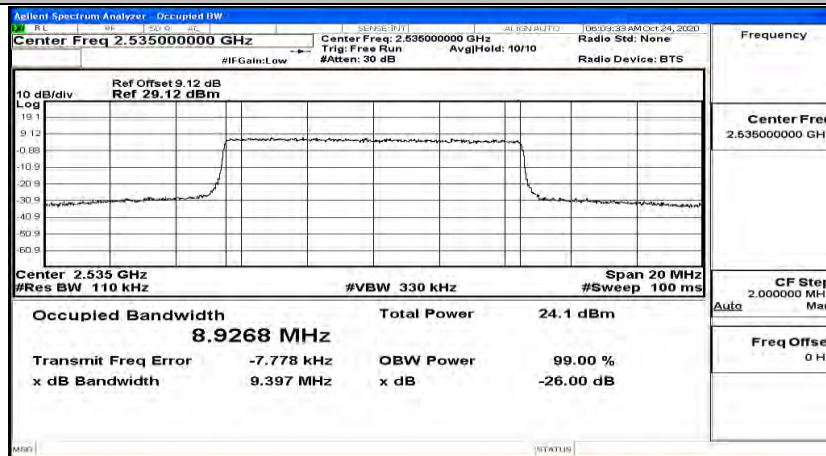
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



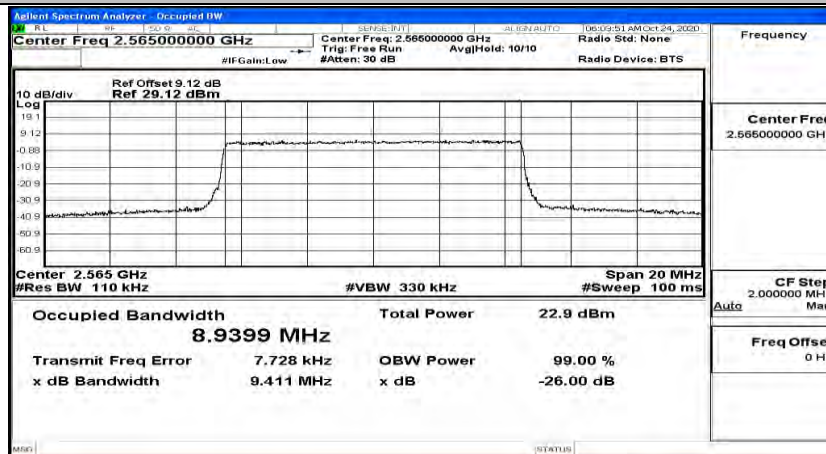
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



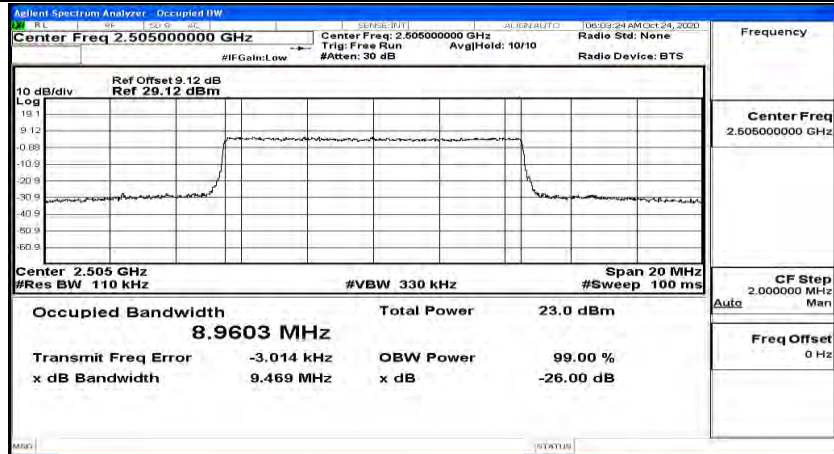
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



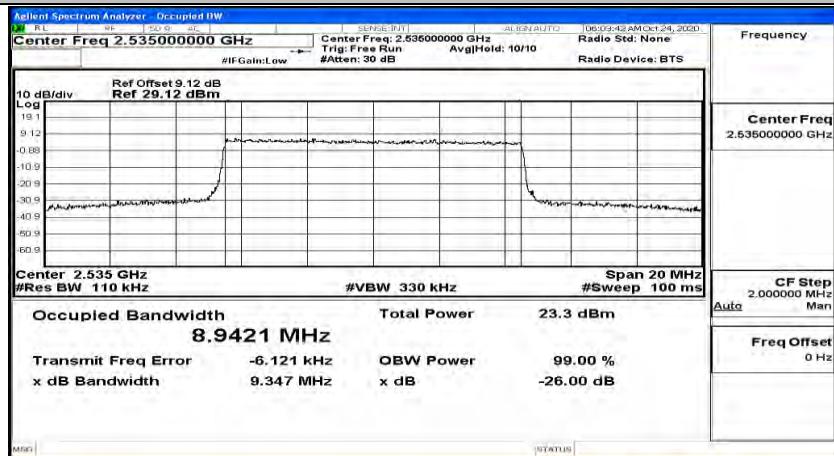
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



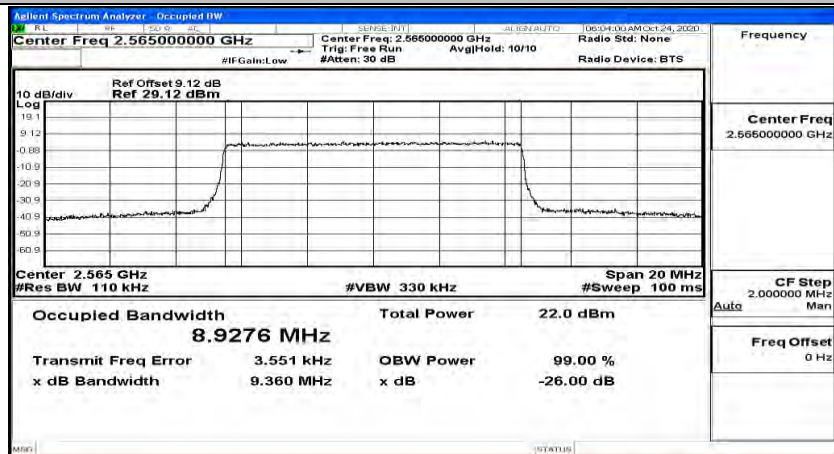
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



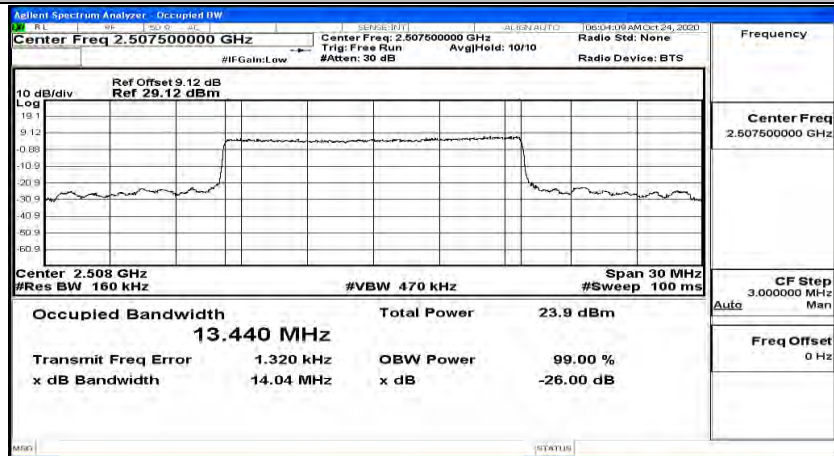
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



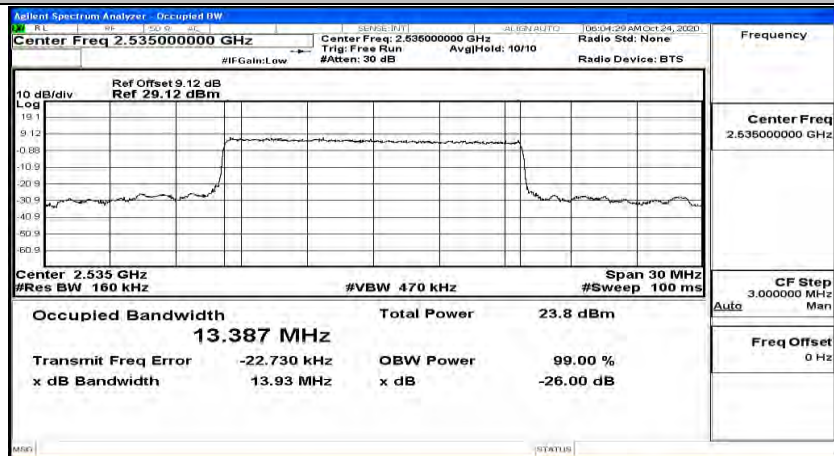
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



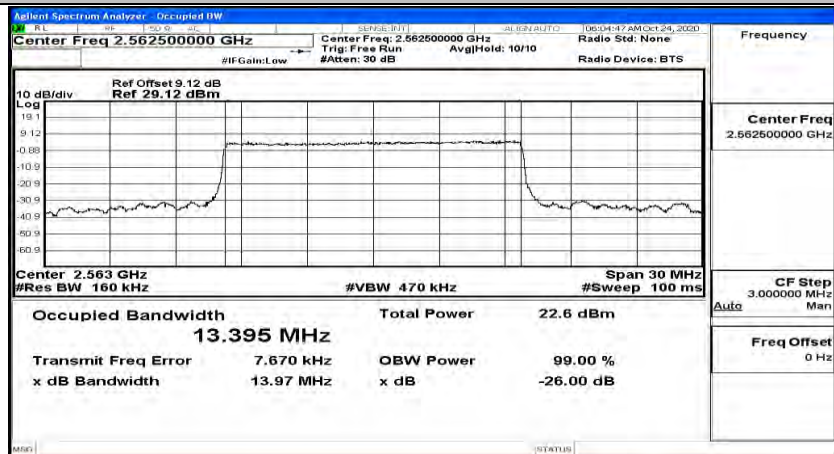
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



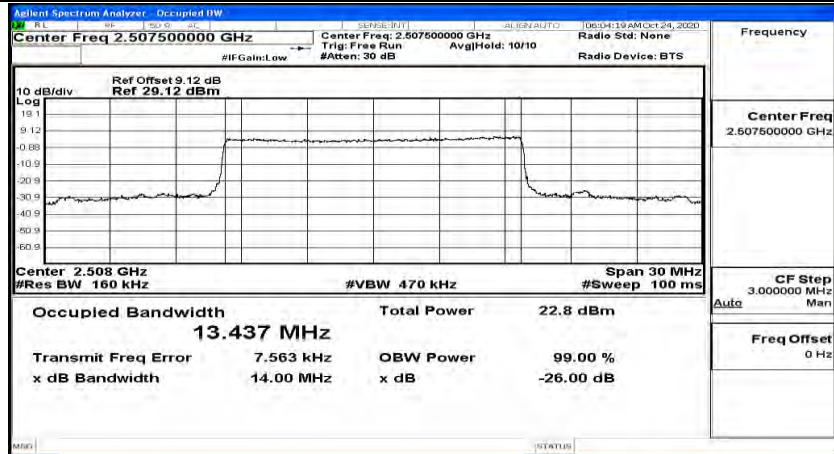
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



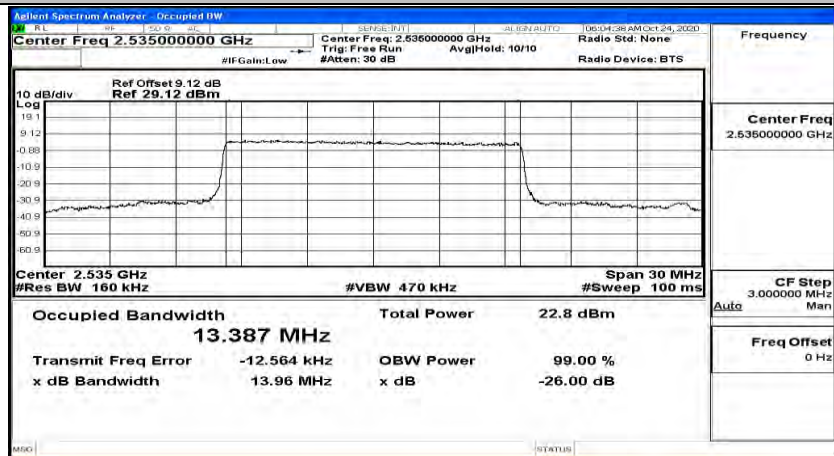
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



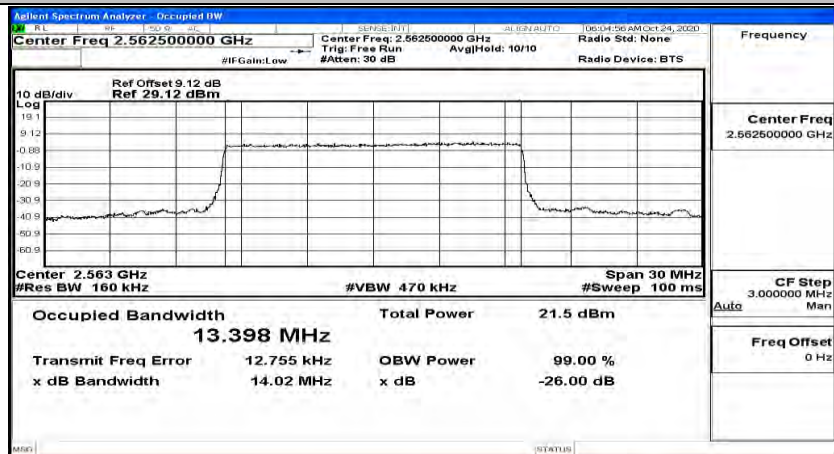
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



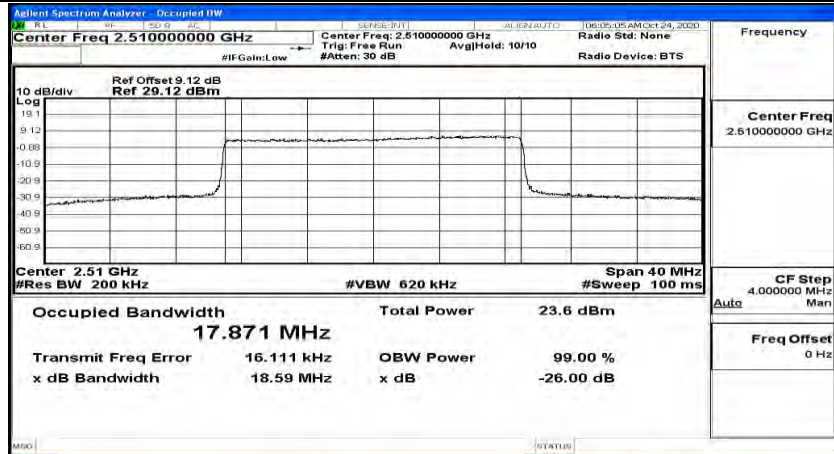
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



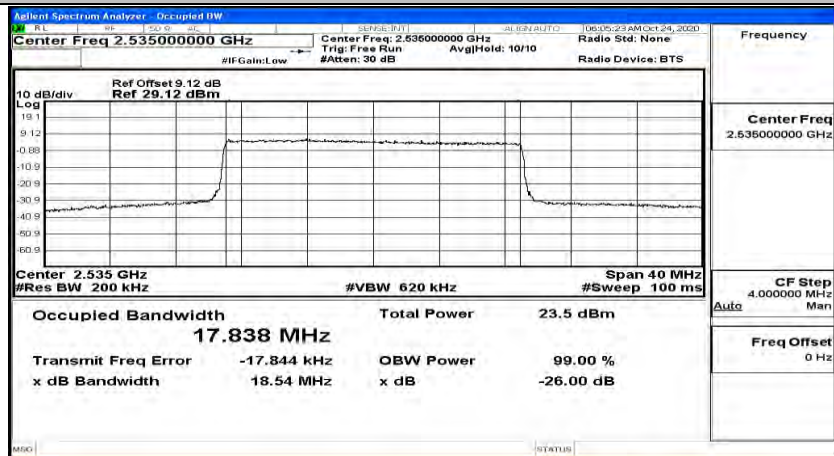
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



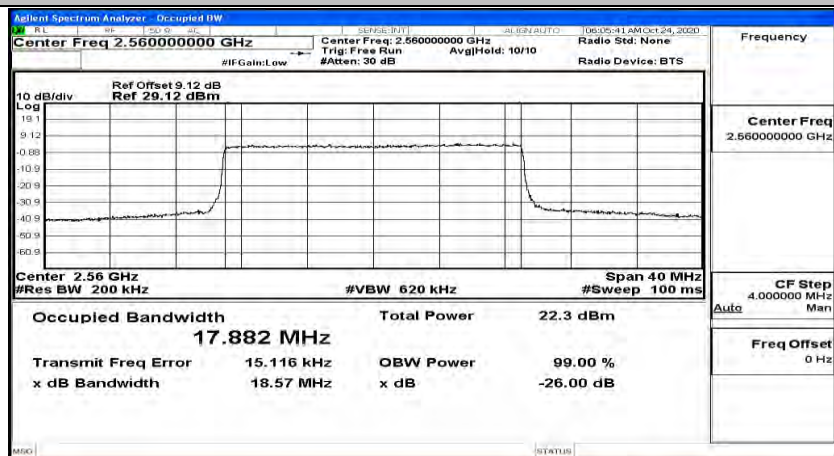
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



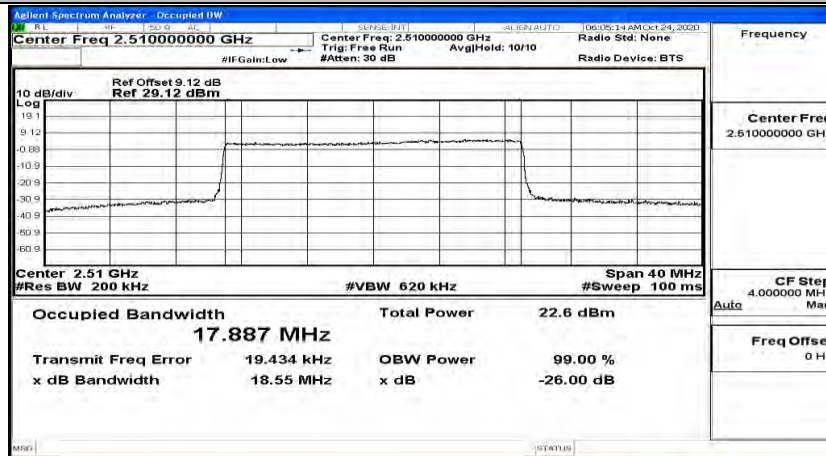
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



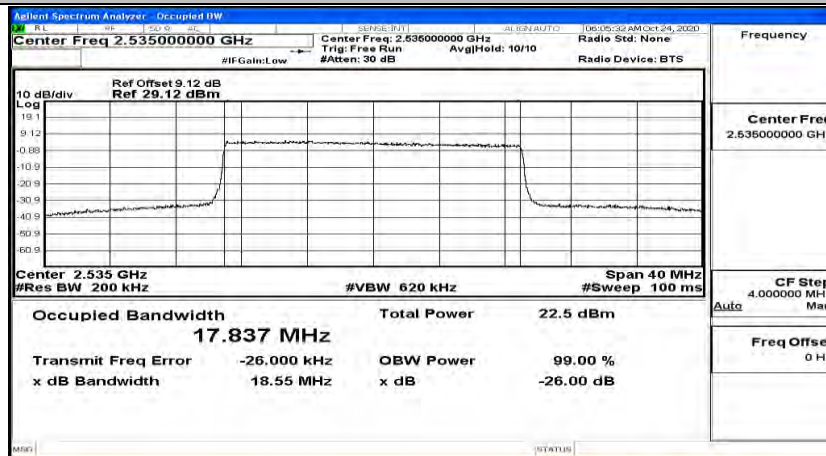
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



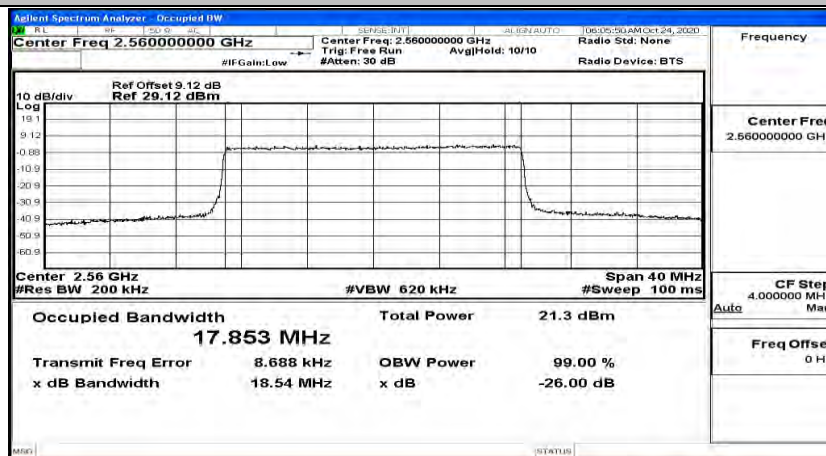
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

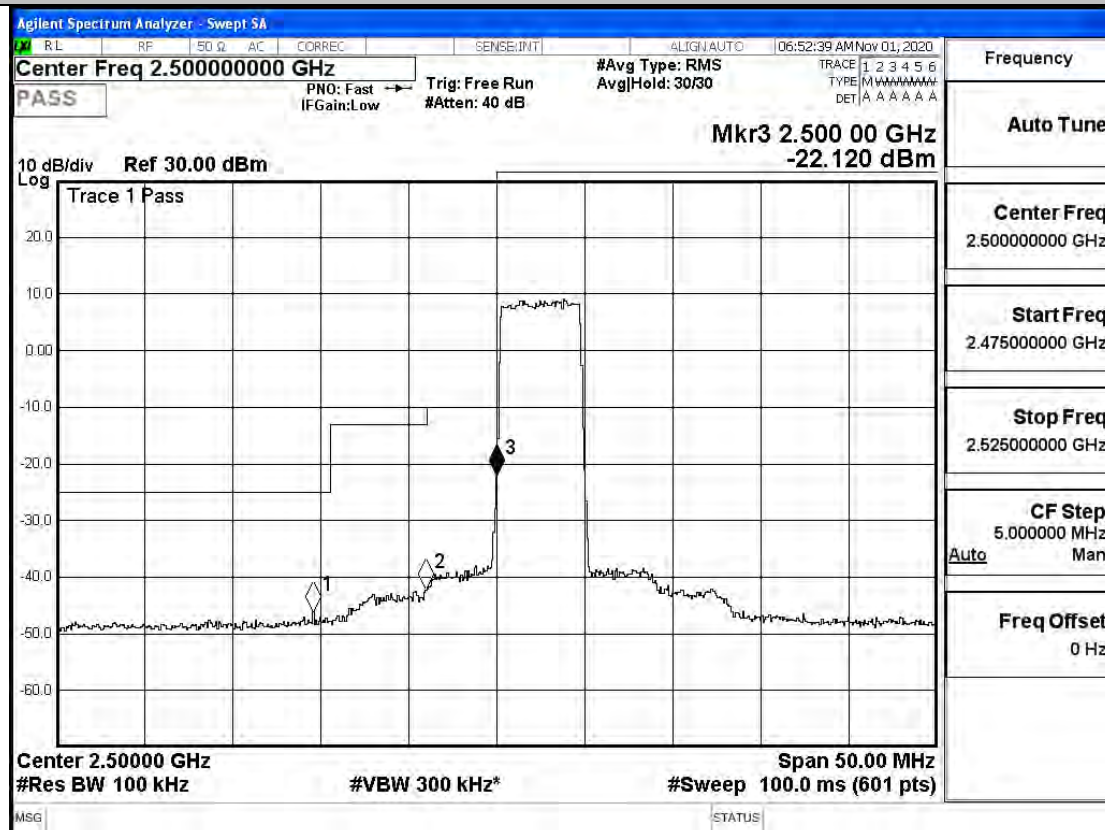


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

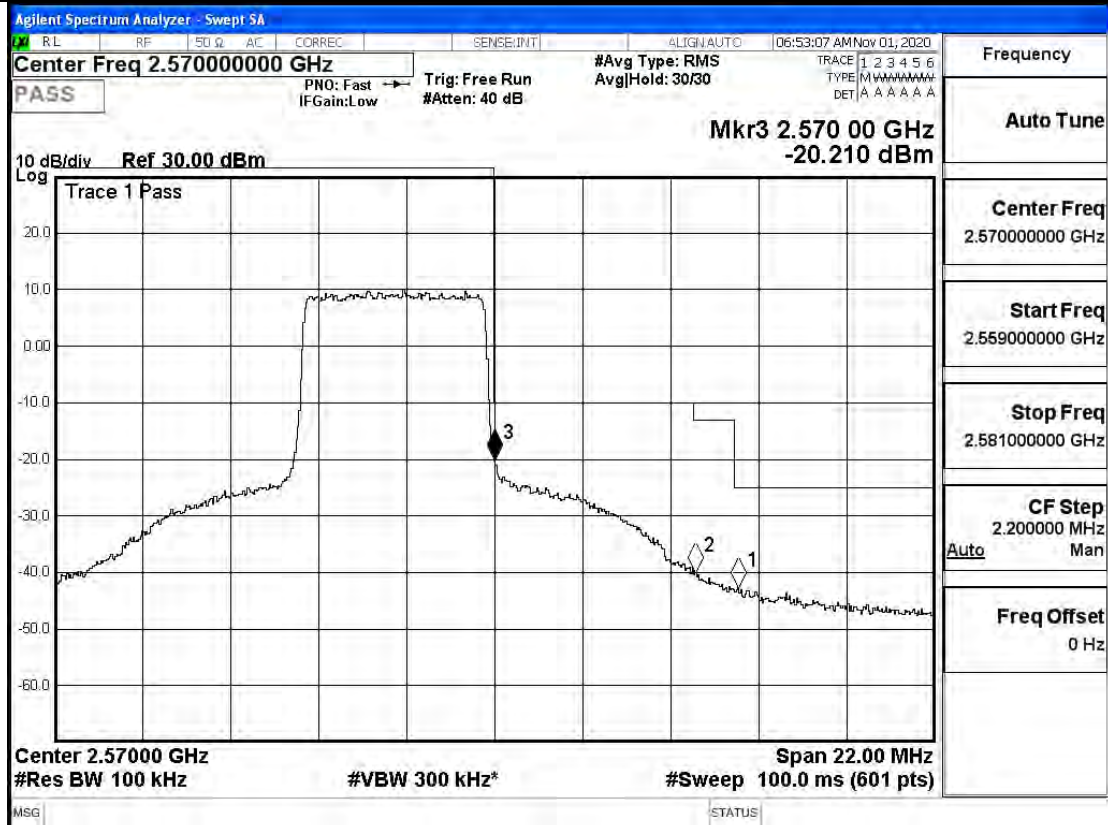


G.4 Band Edge

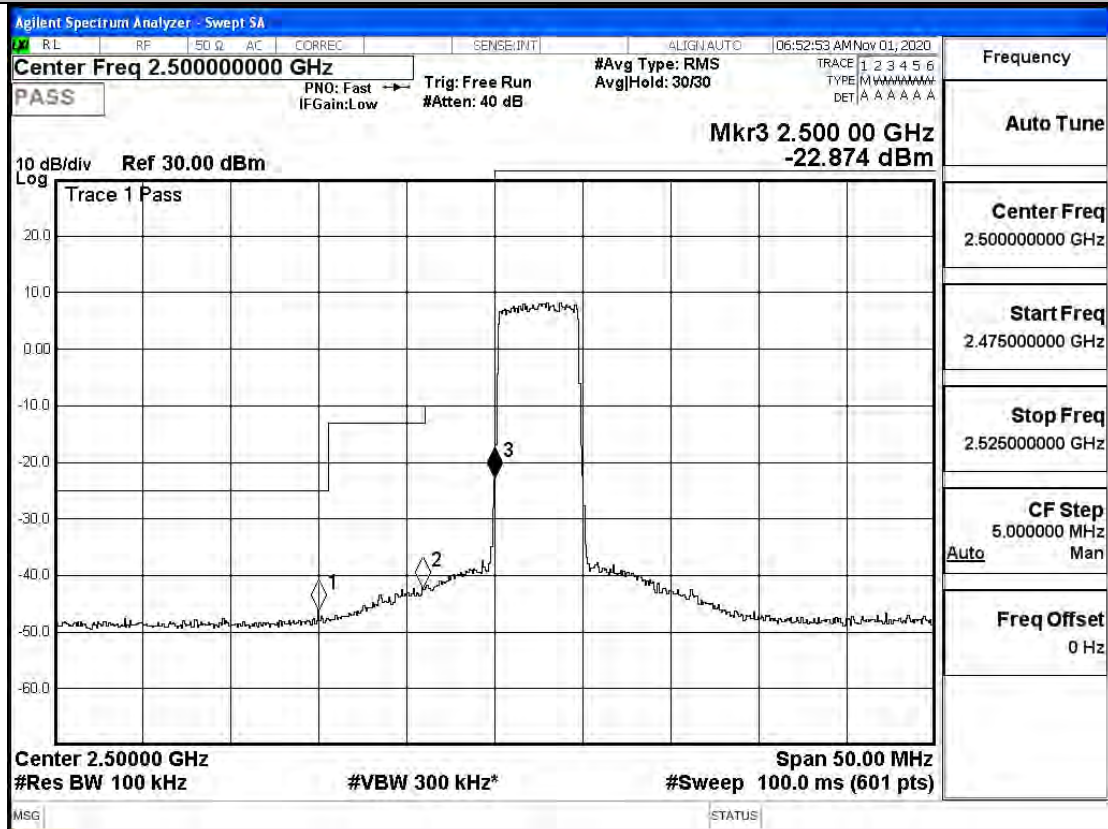
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



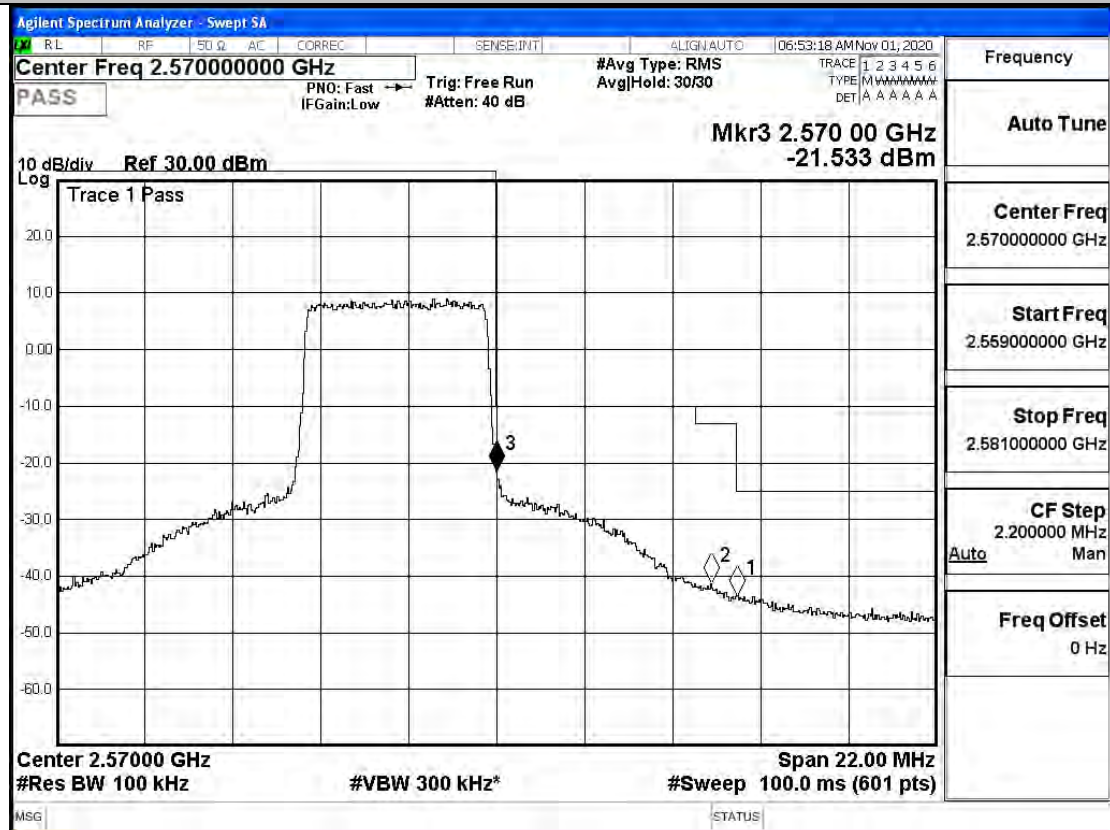
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



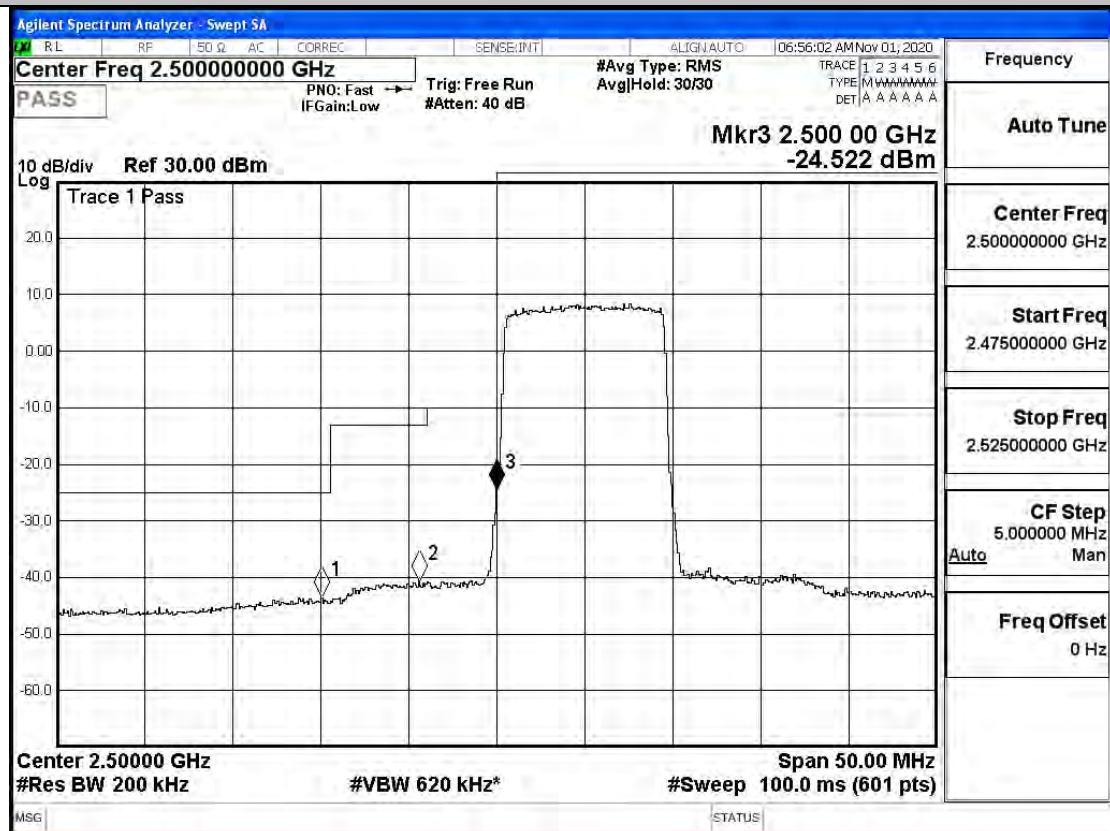
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



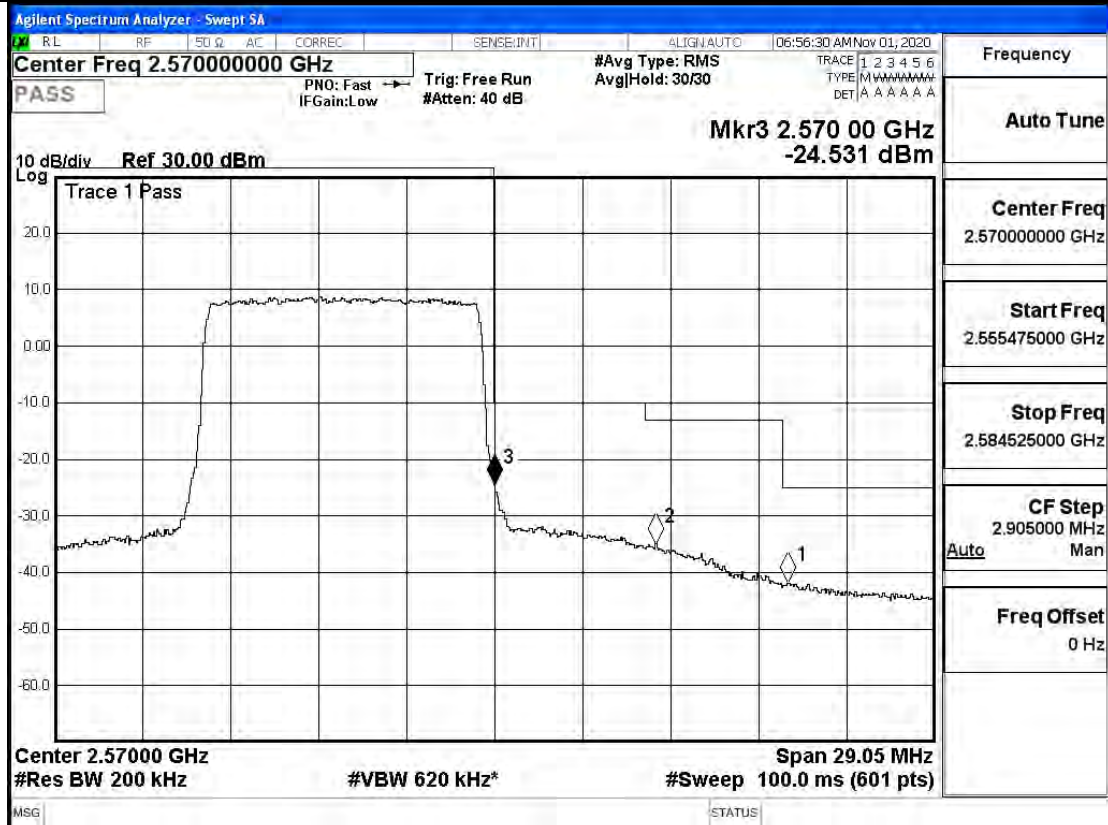
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



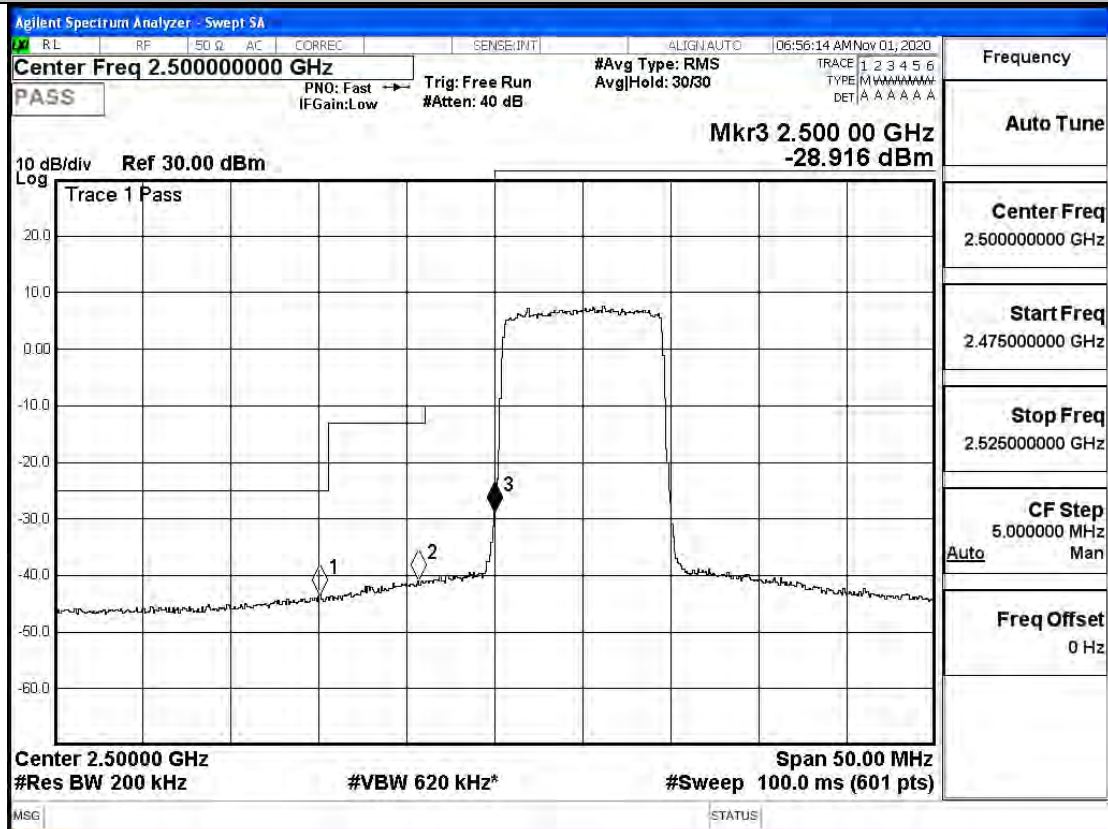
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



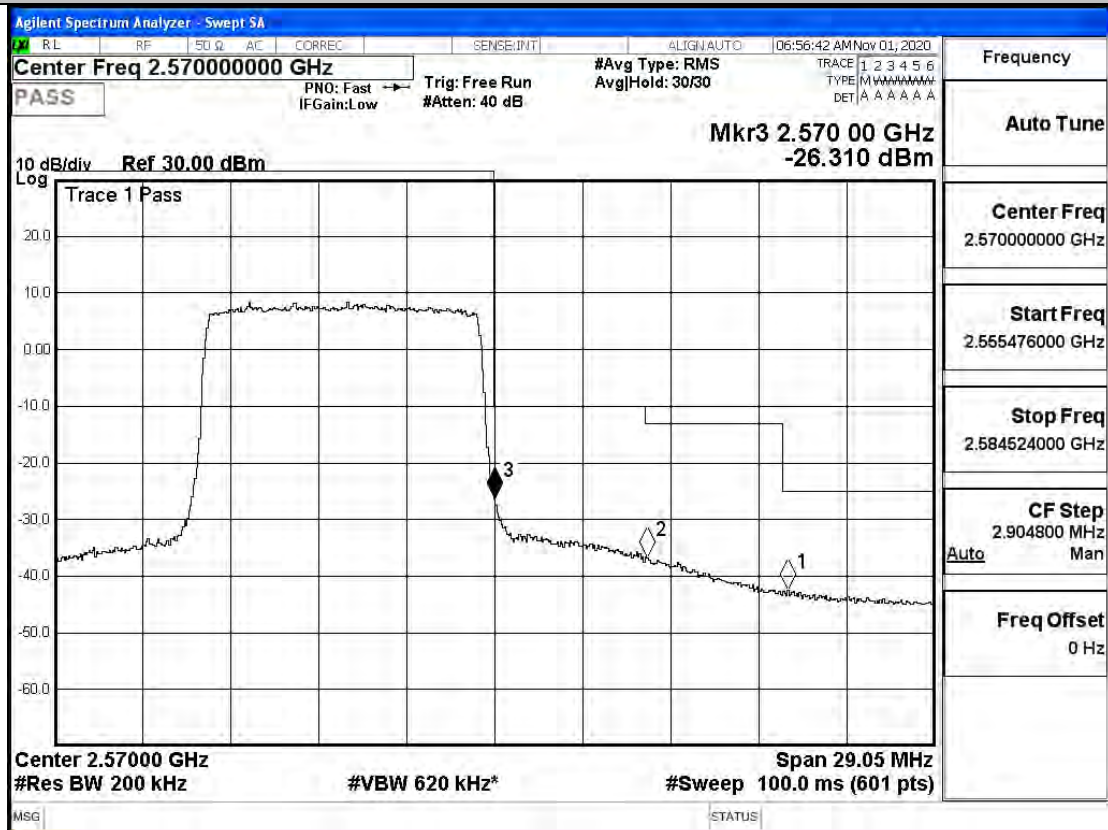
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



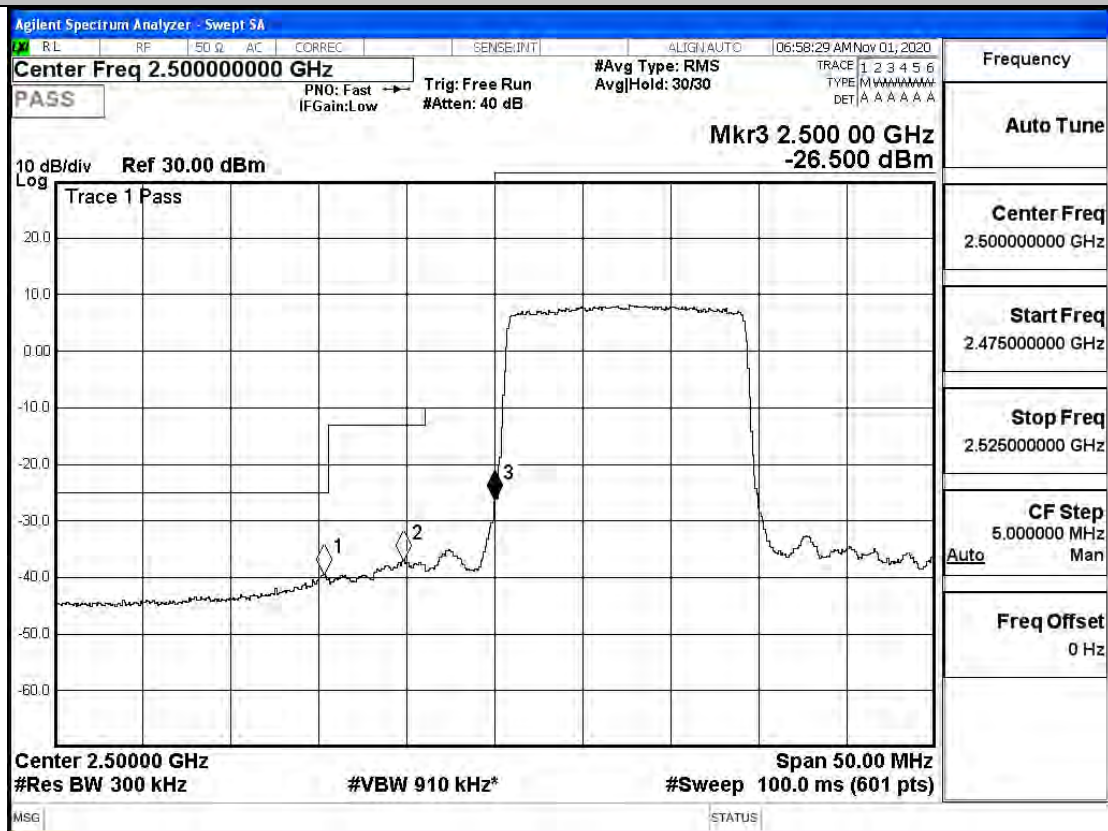
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



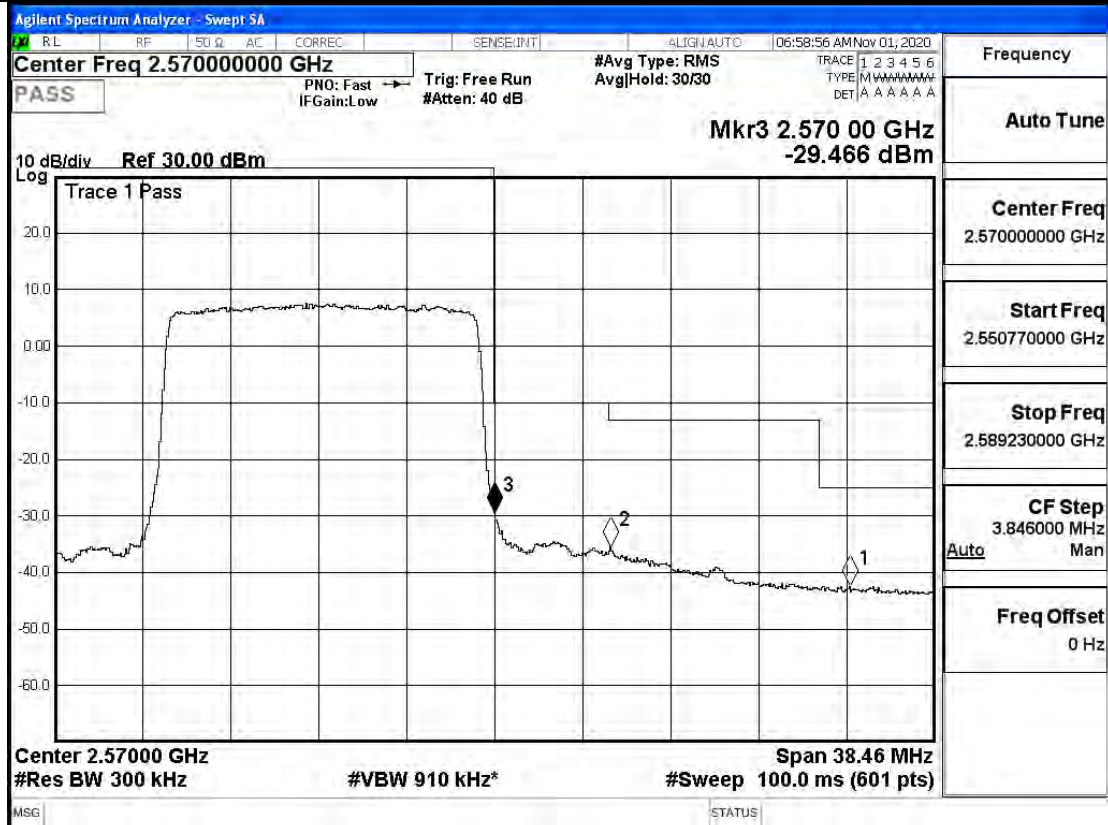
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



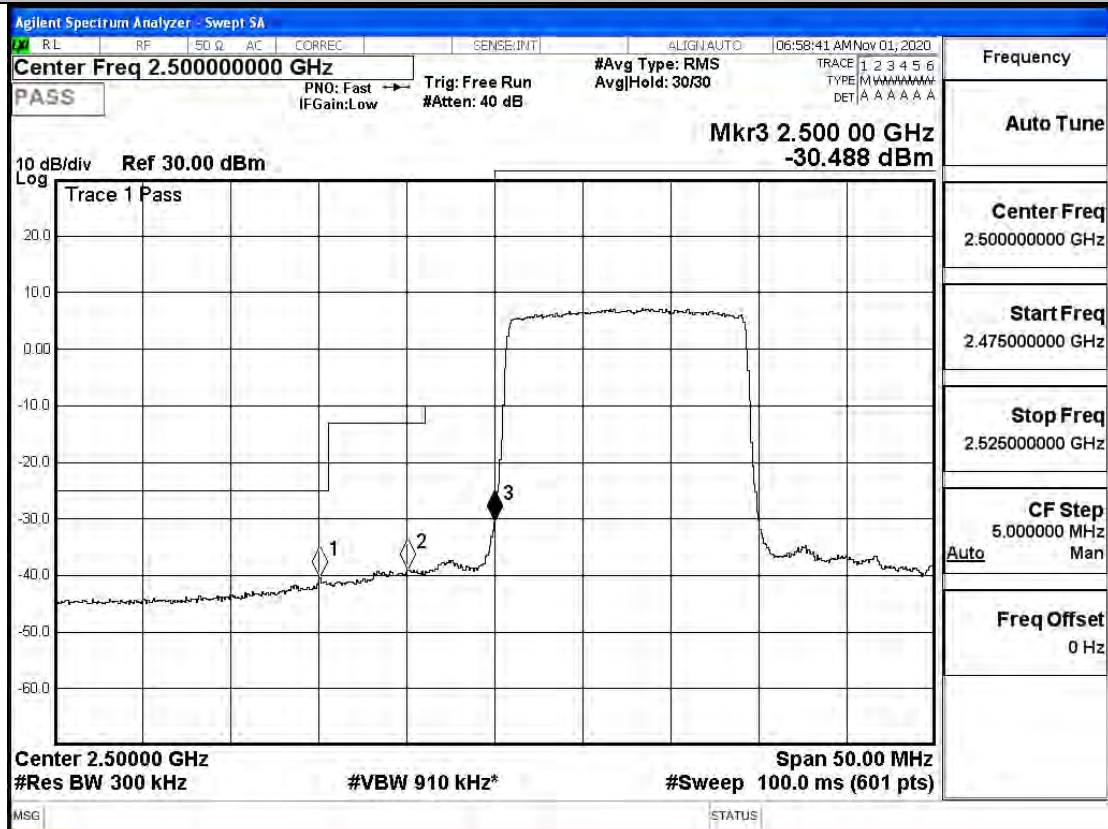
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



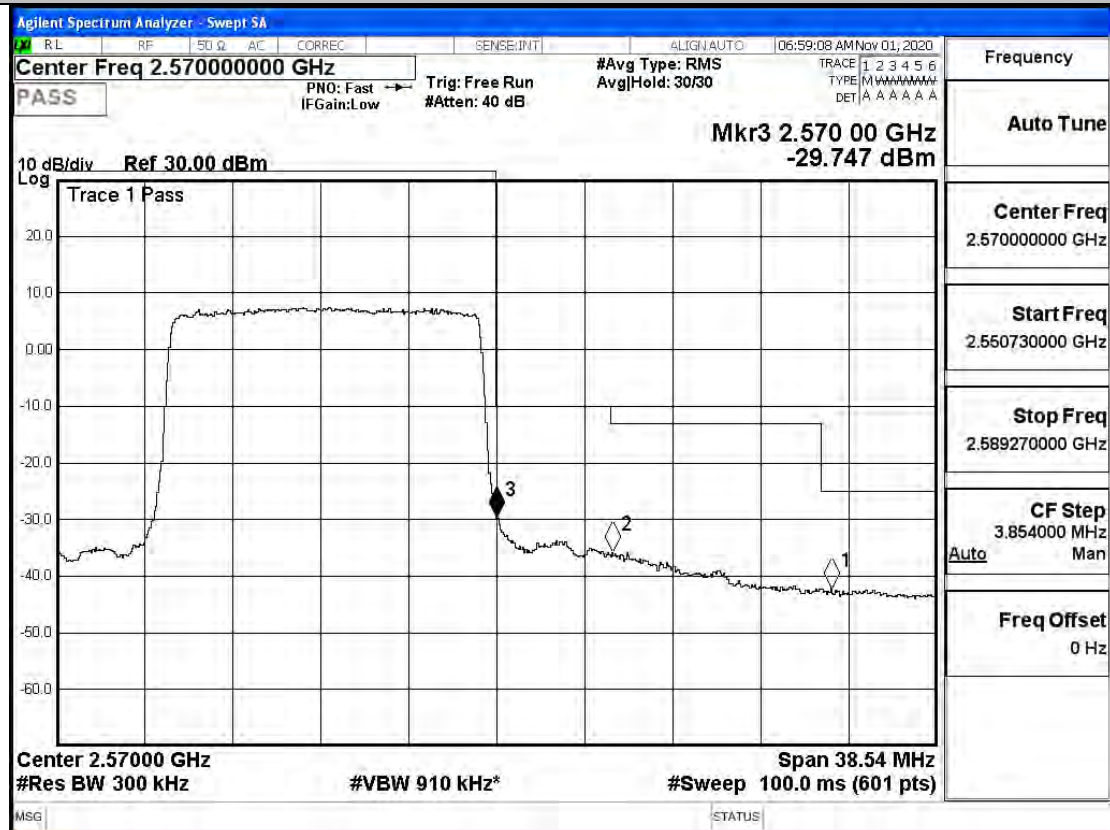
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK

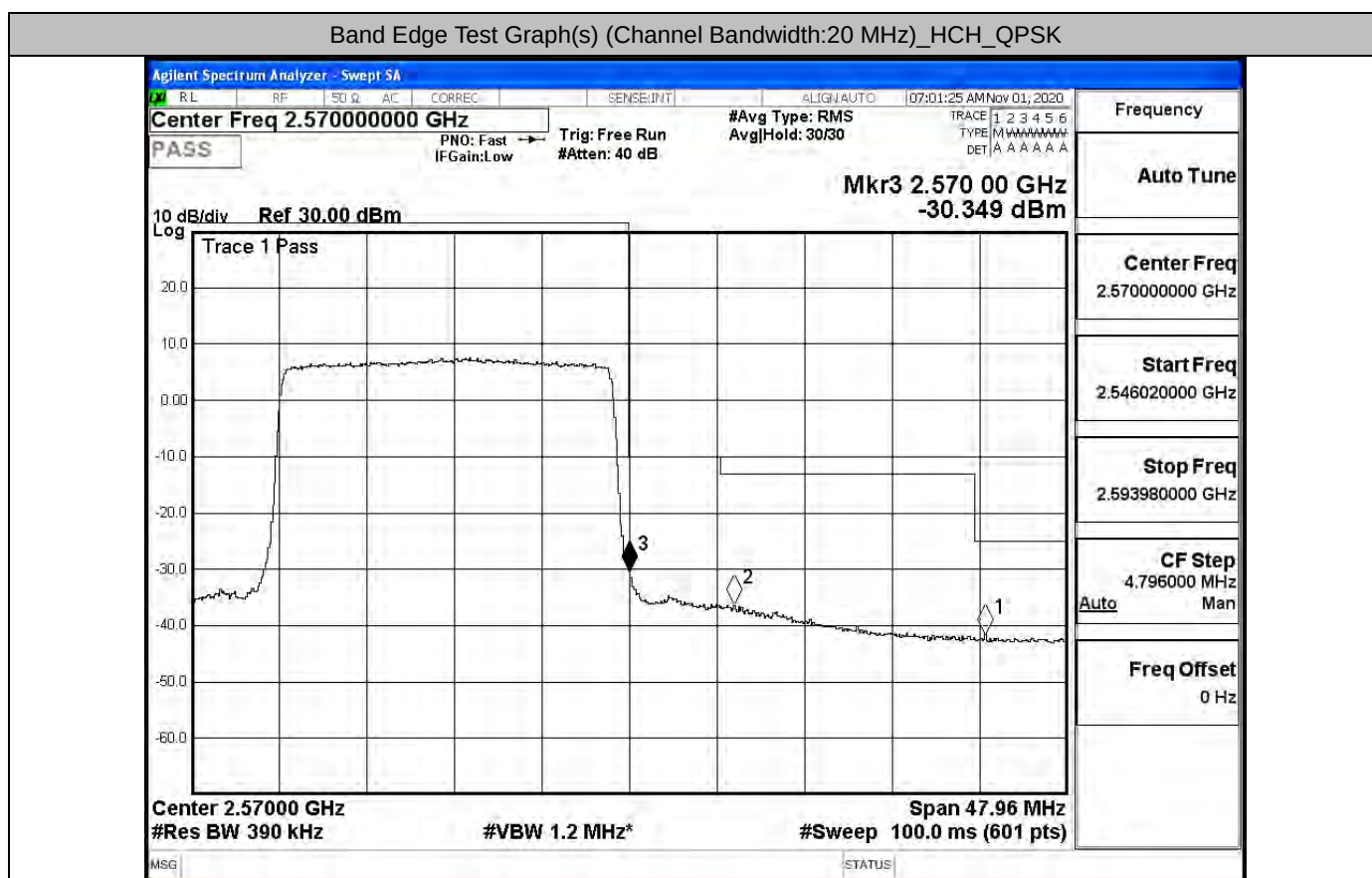
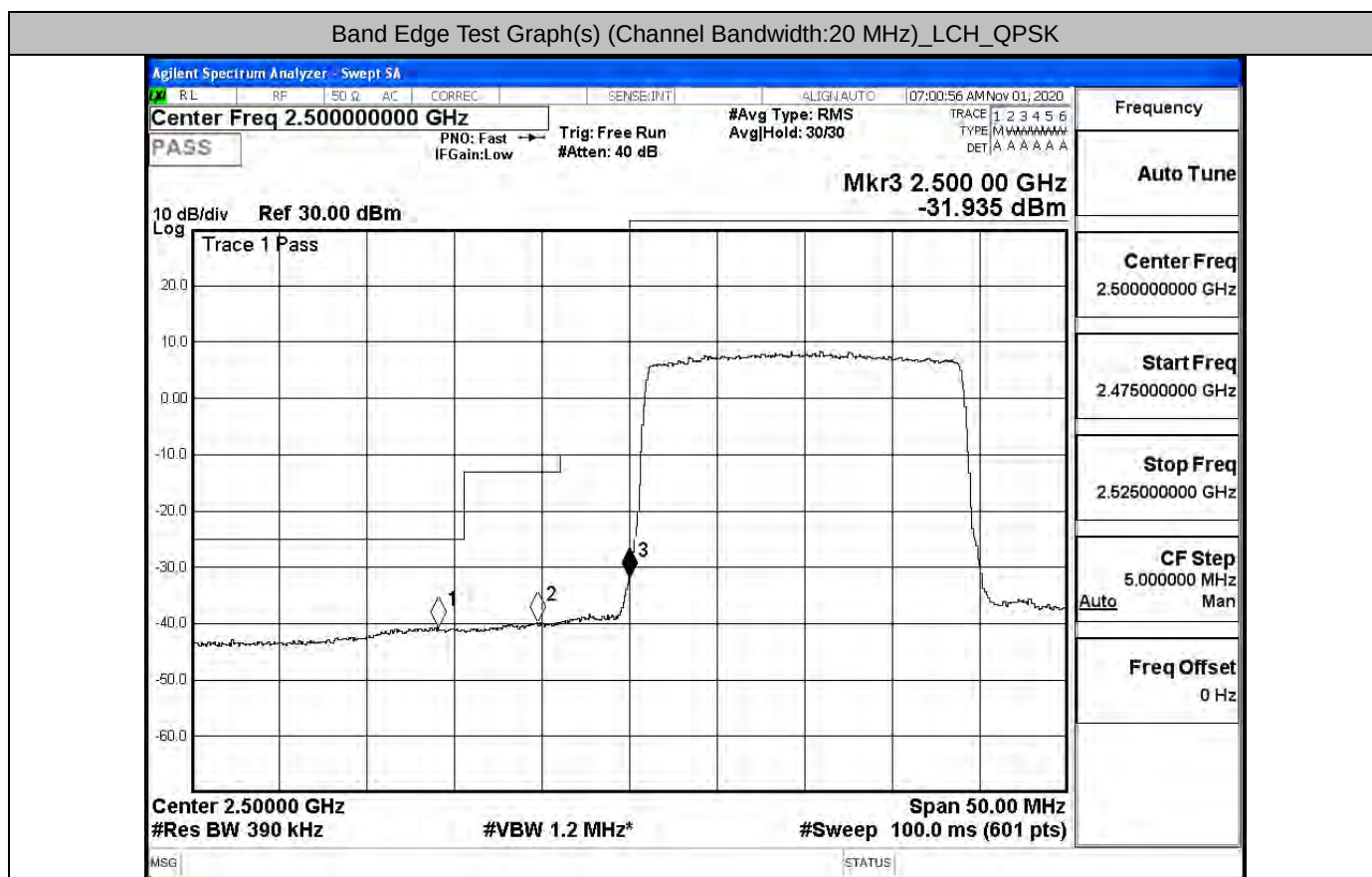


Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM

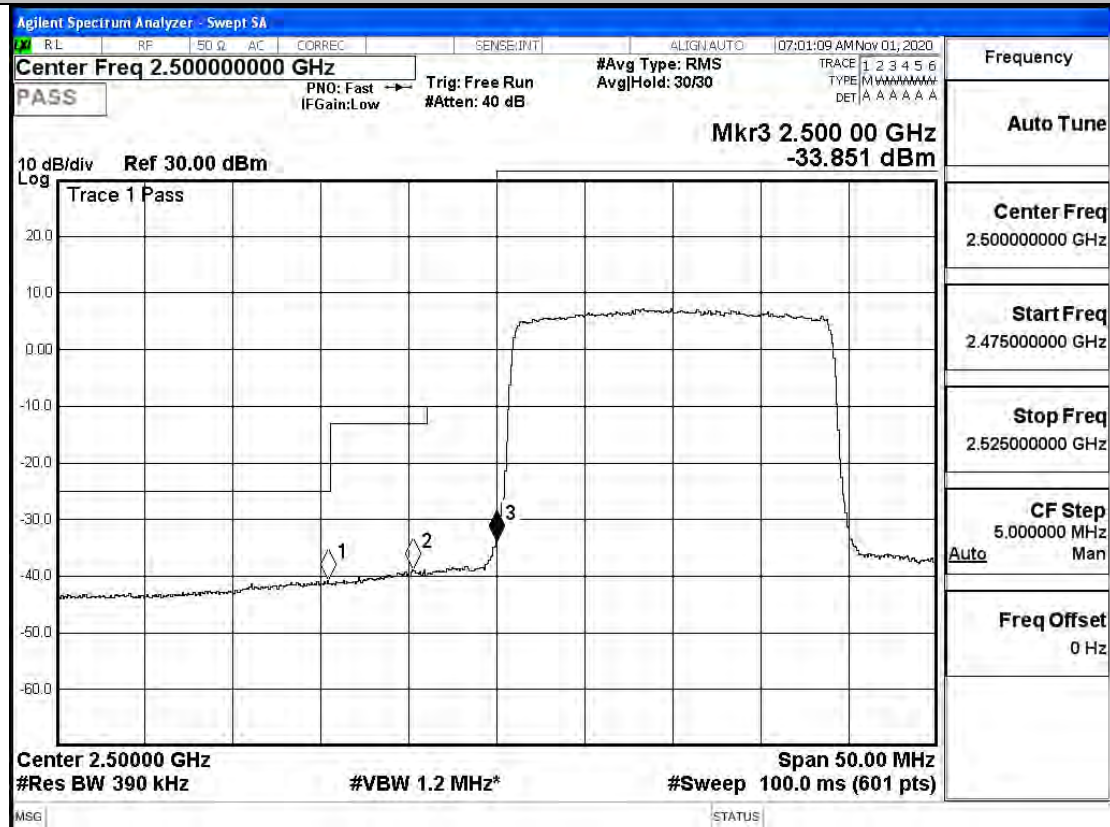


Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM

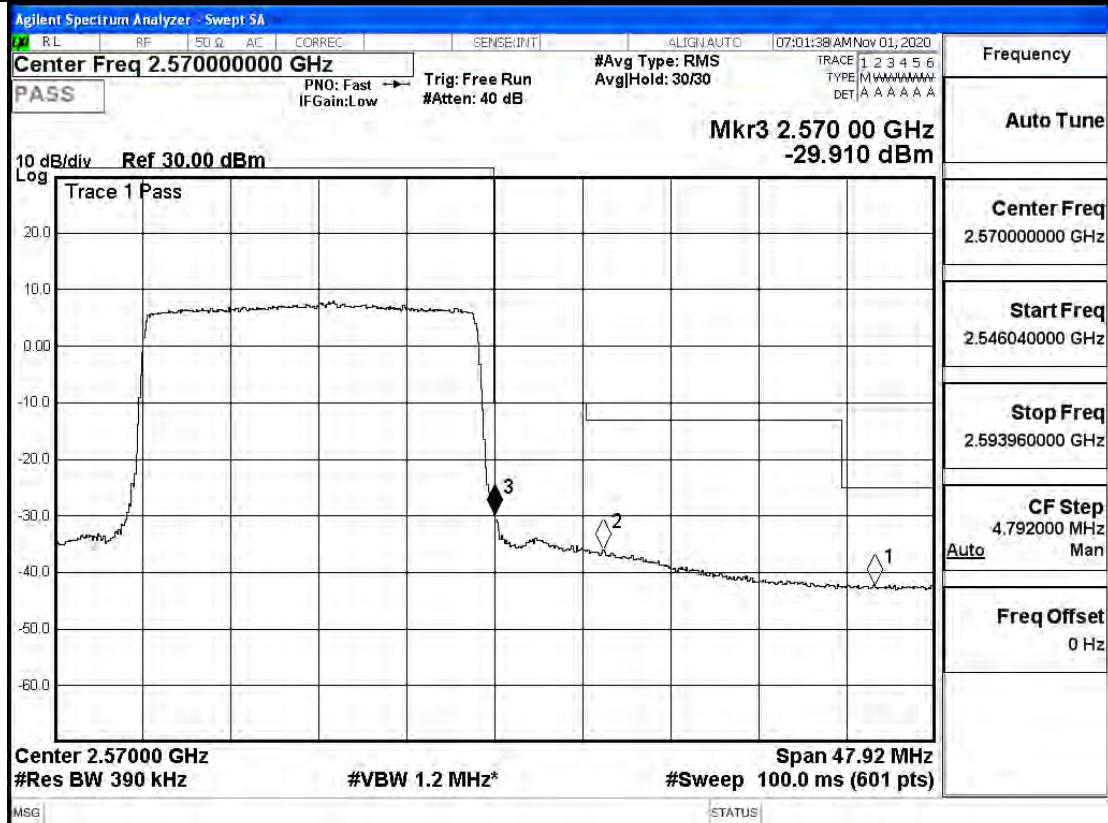




Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



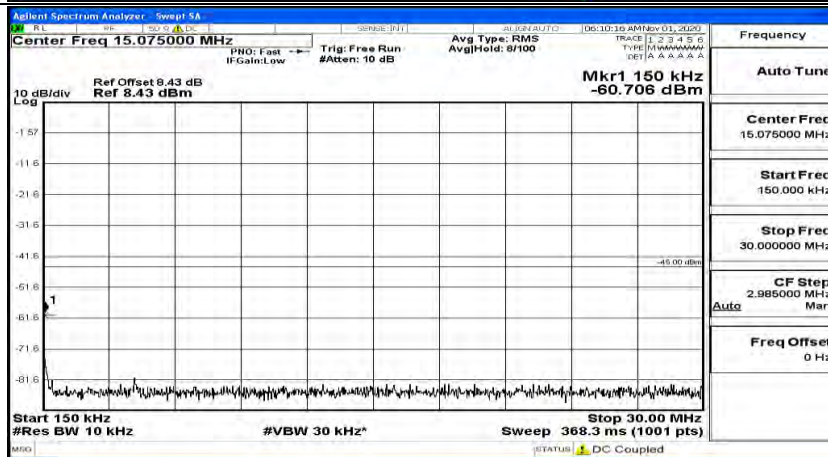
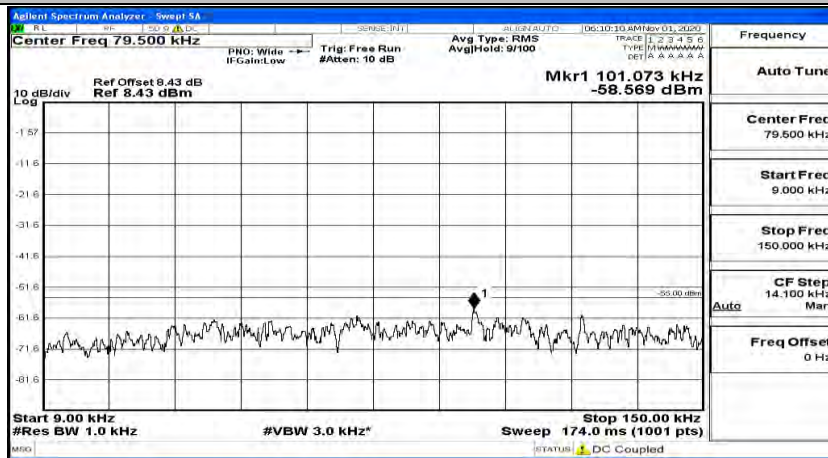
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



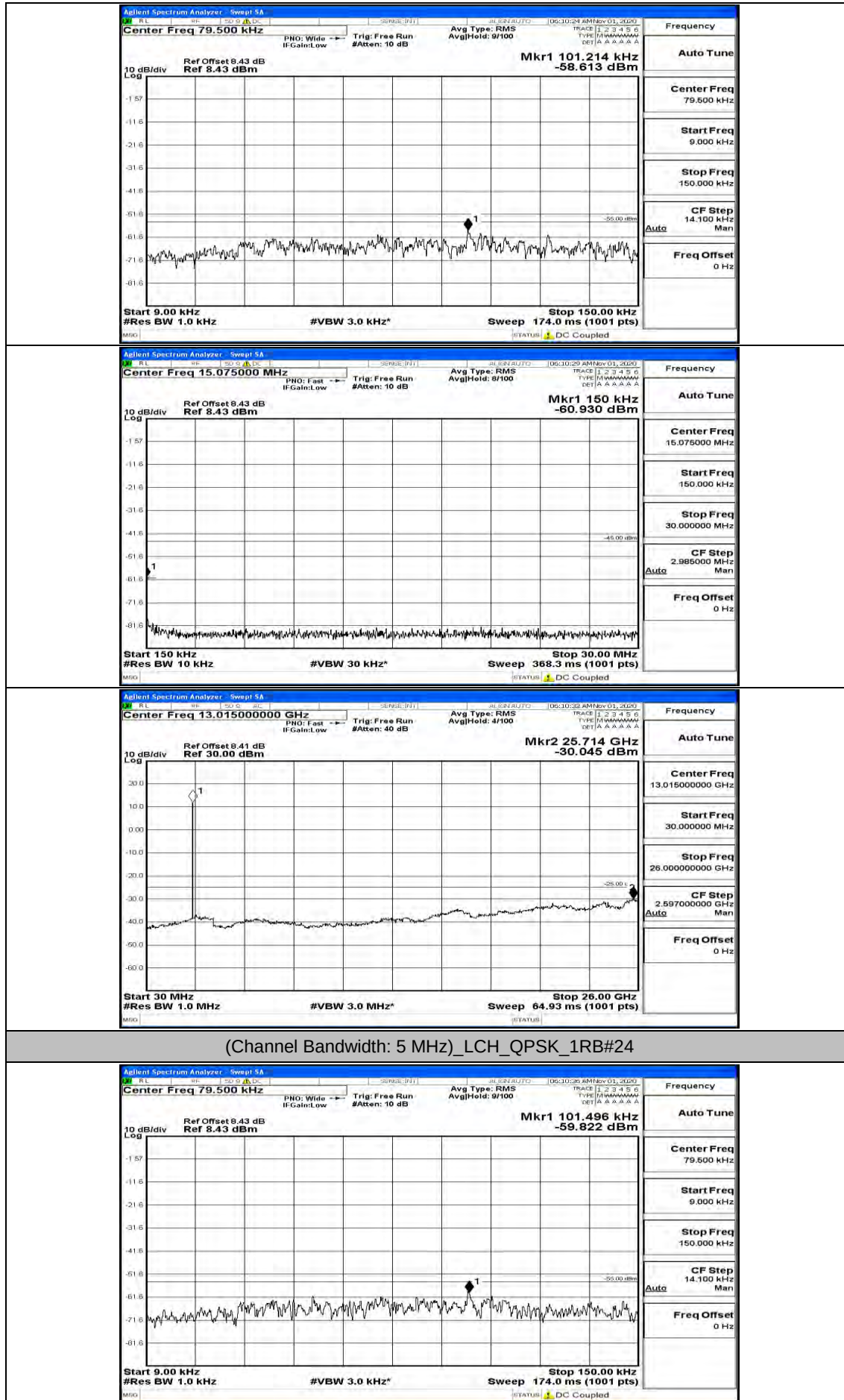
G.5 Conducted Spurious Emission

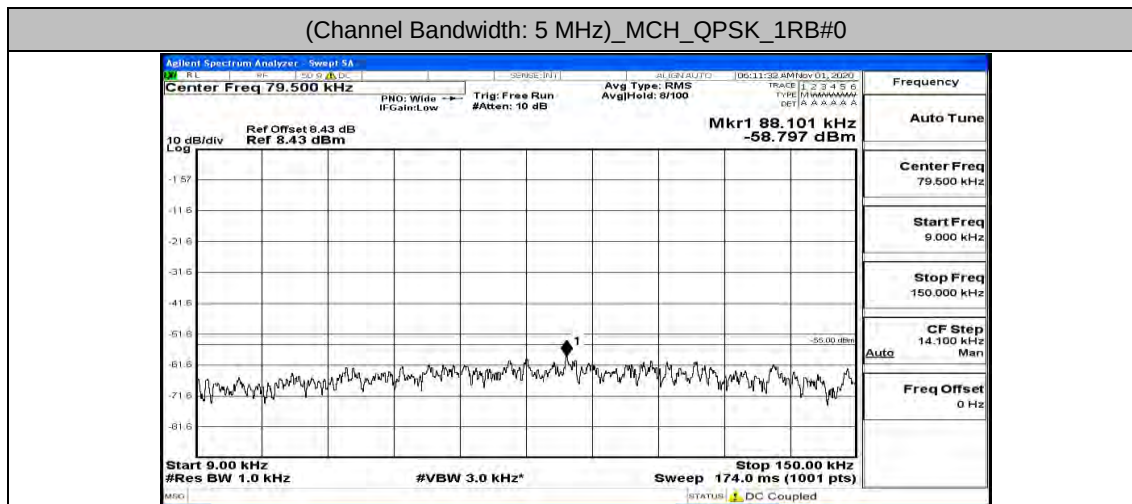
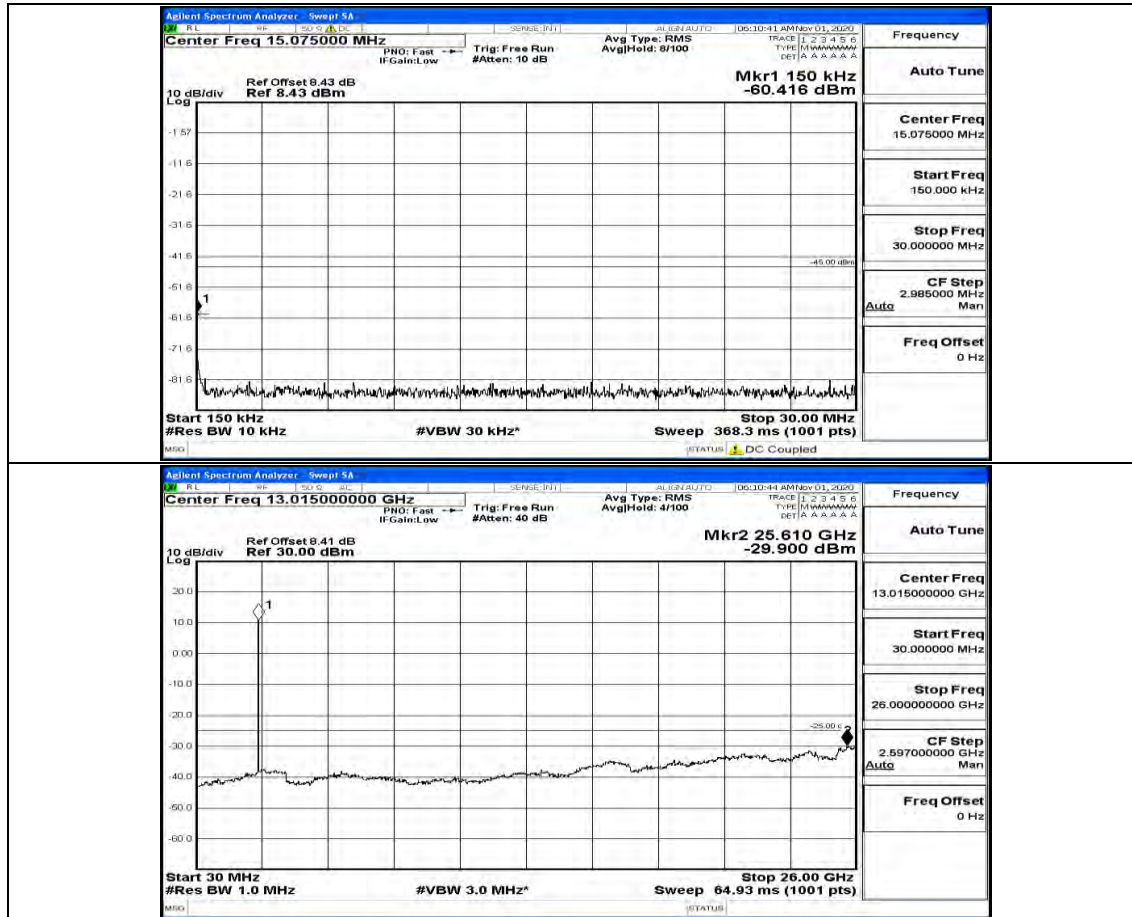
Channel Bandwidth: 5 MHz

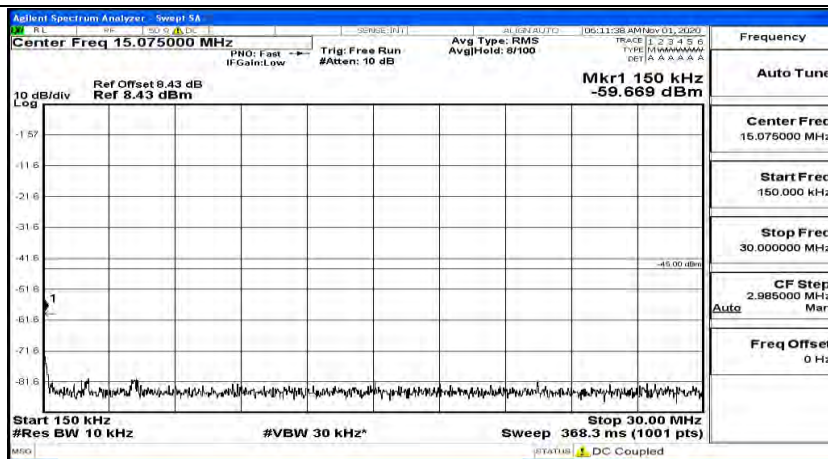
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



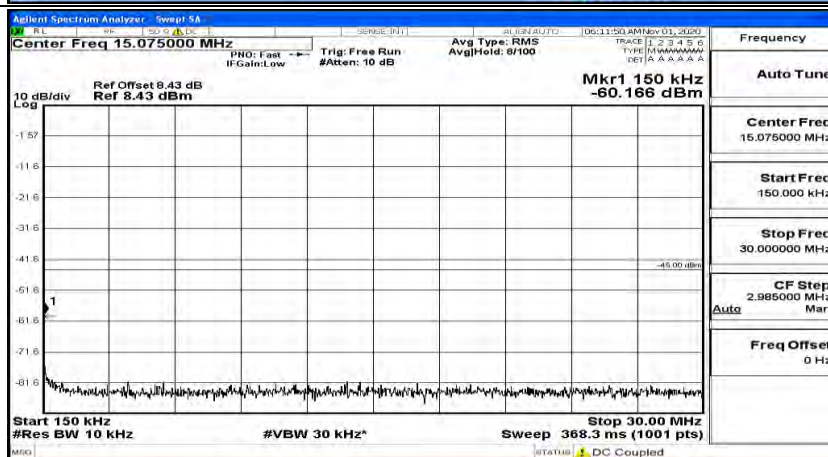
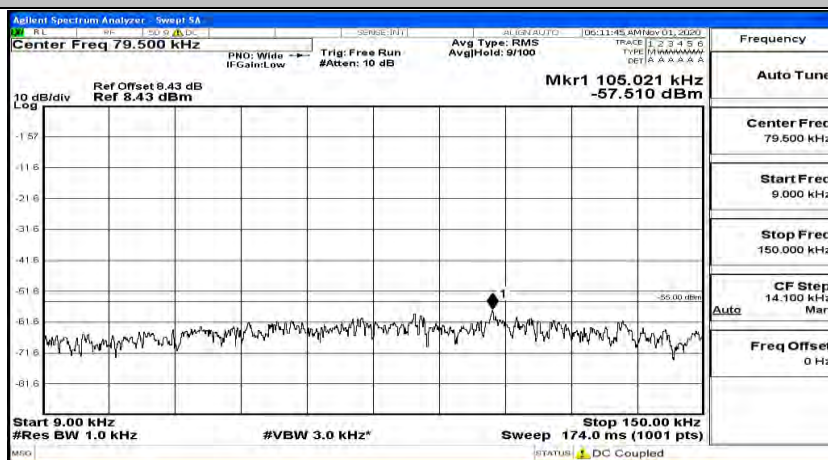
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12





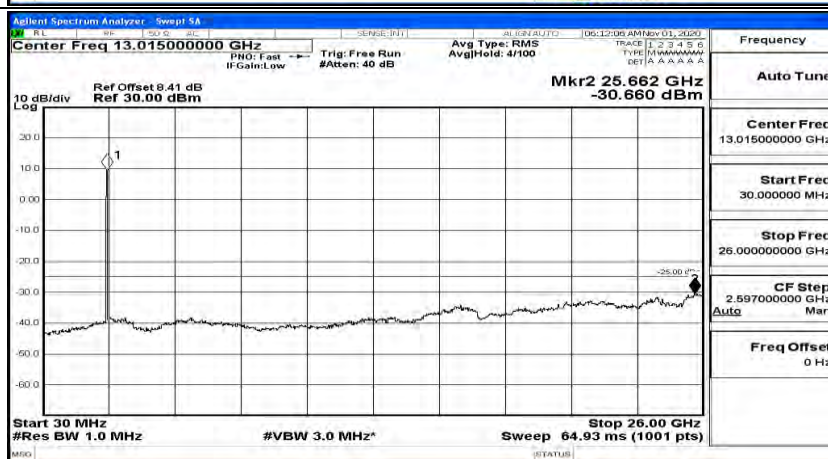
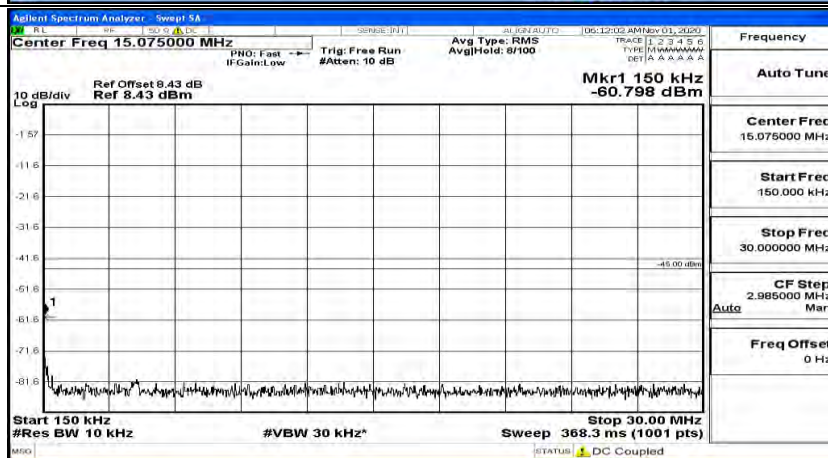
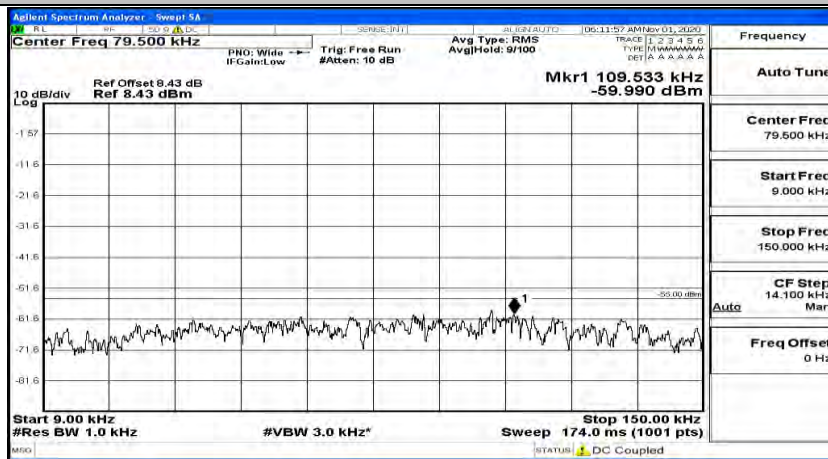


(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

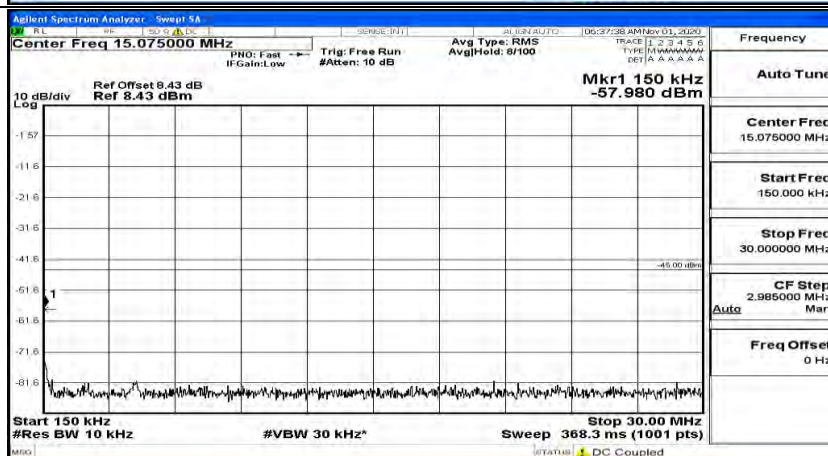
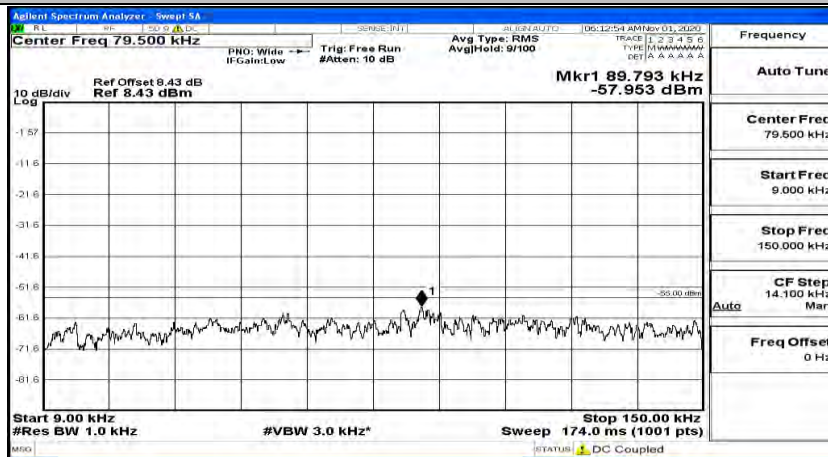




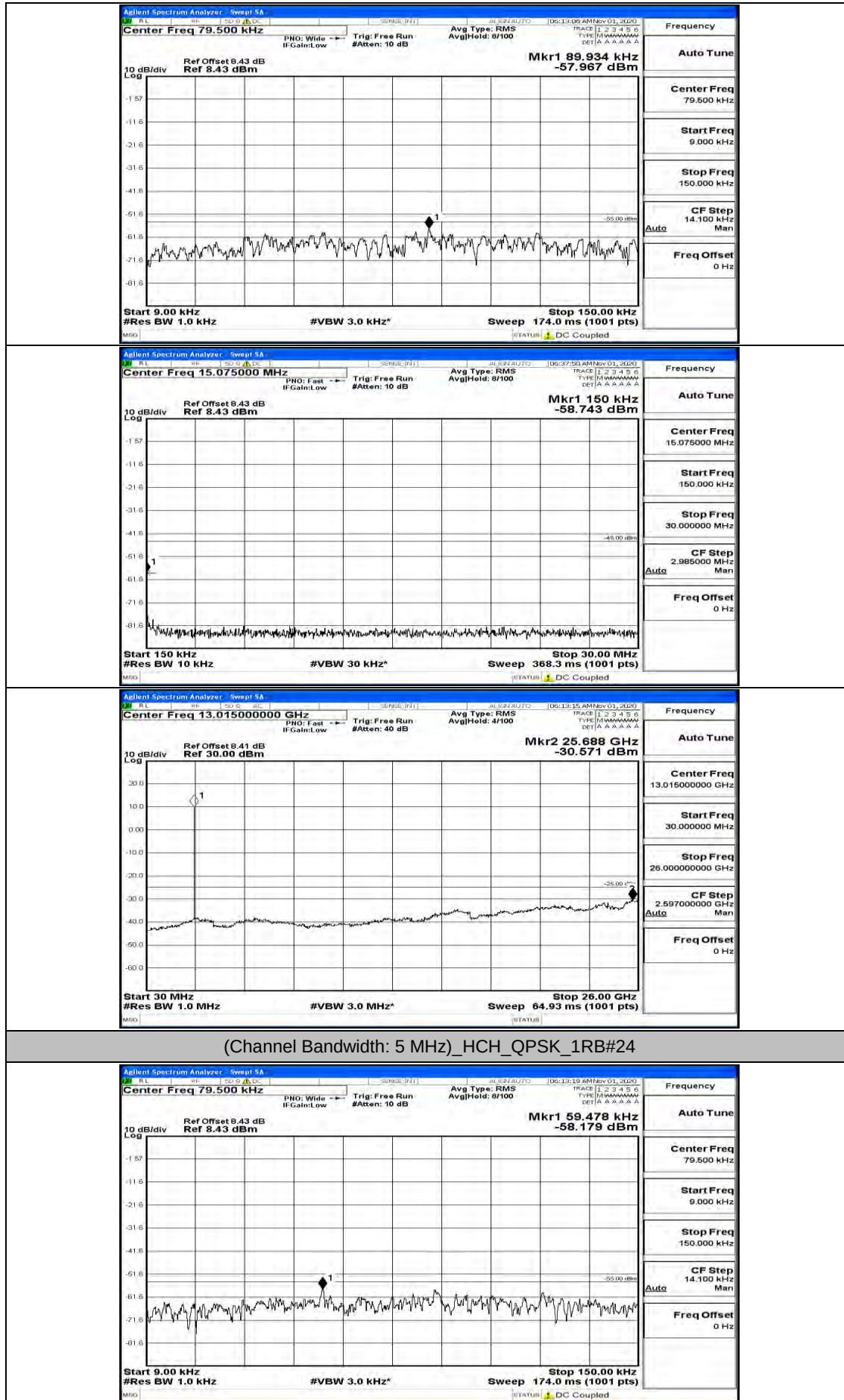
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#24

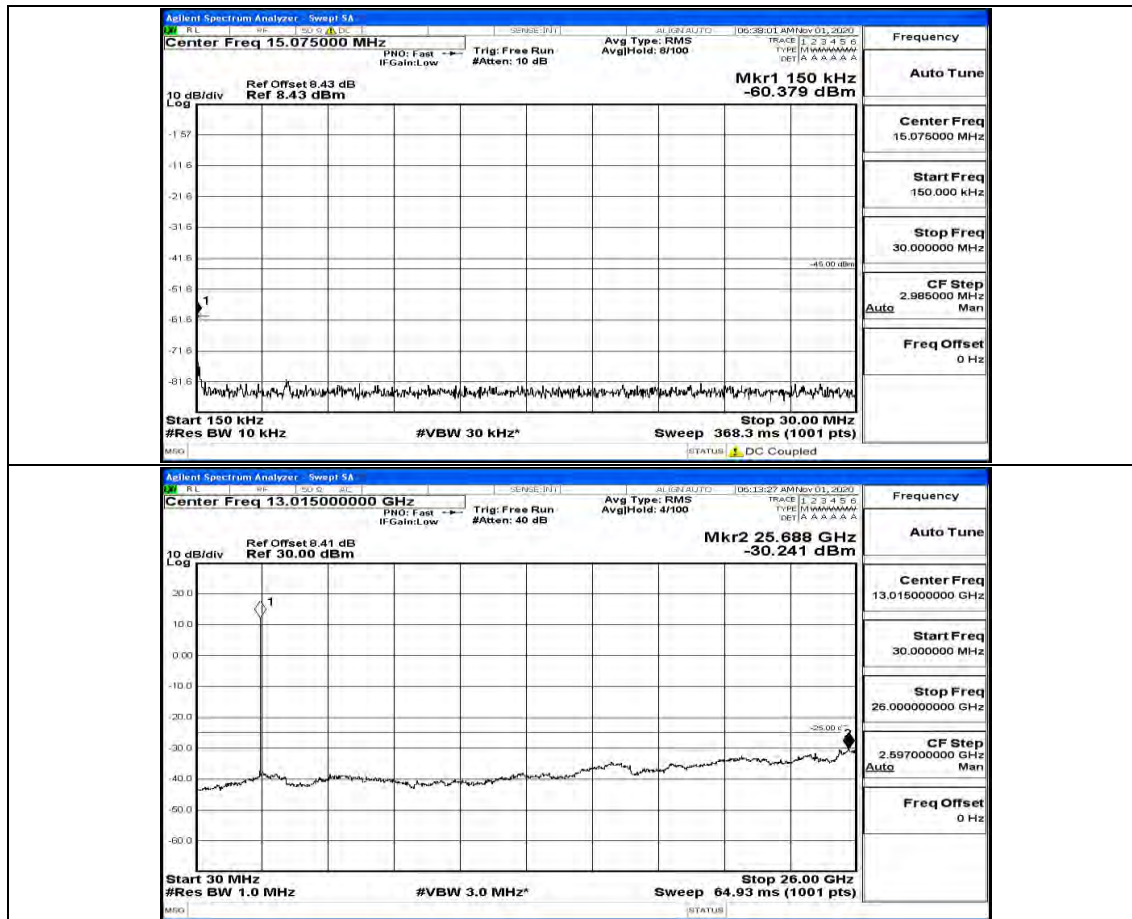


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

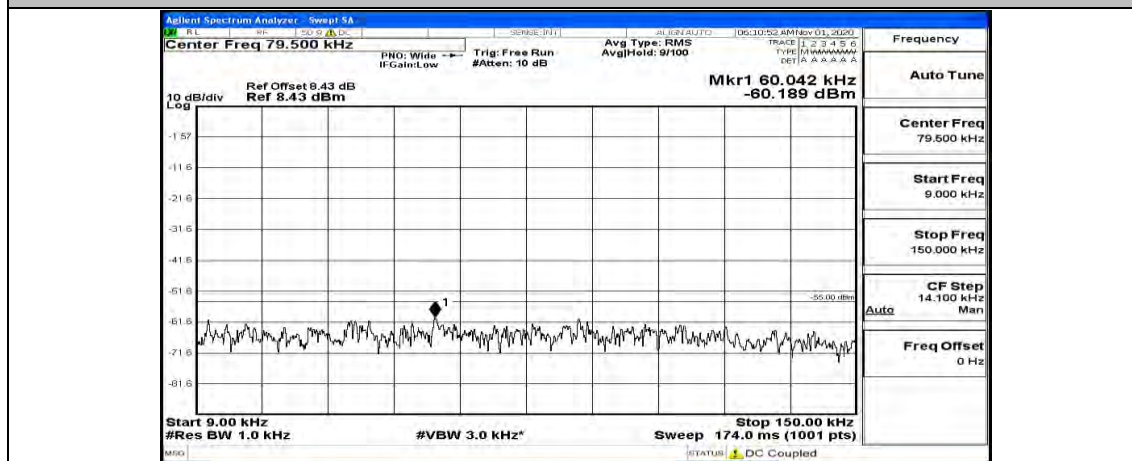


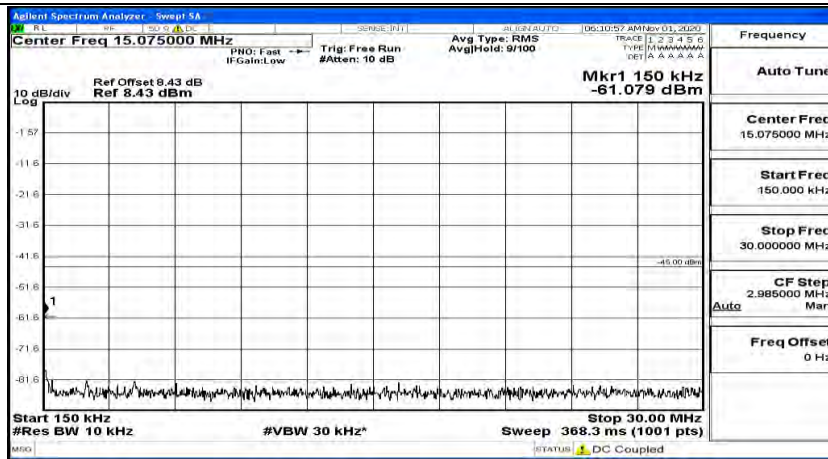
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



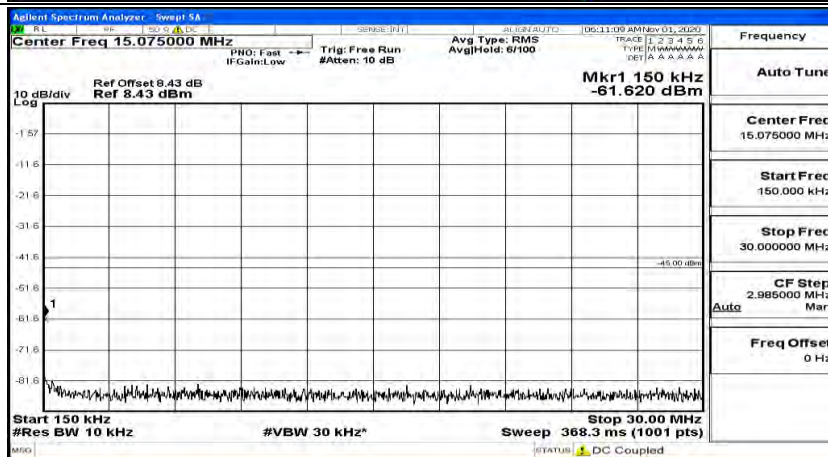
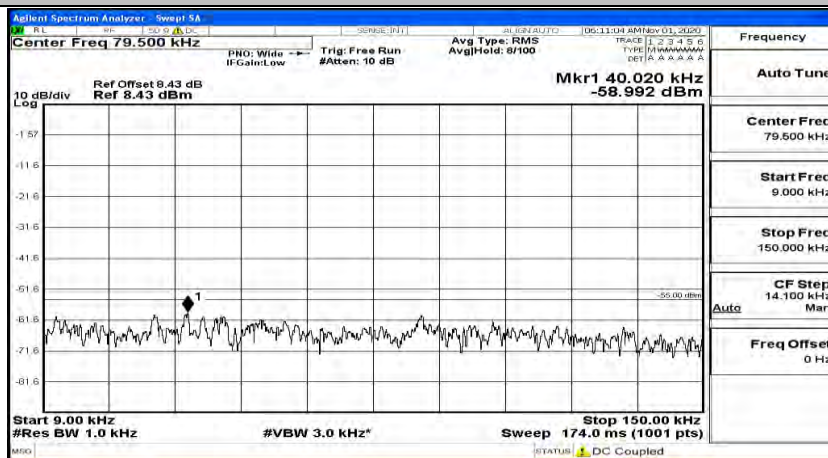


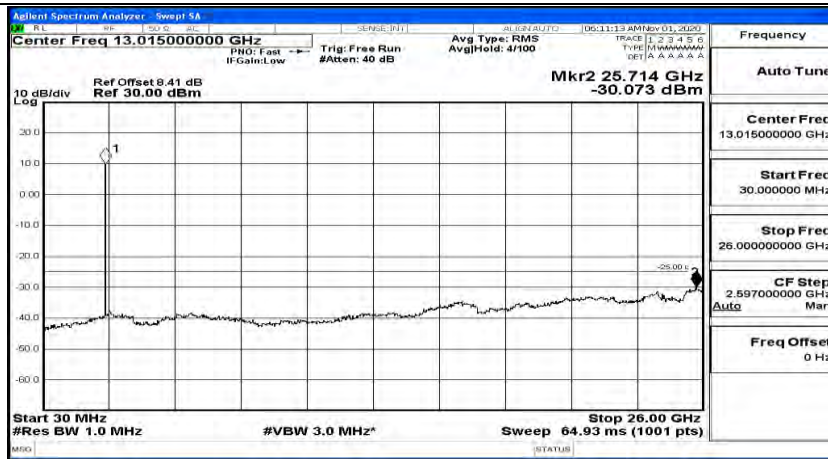
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



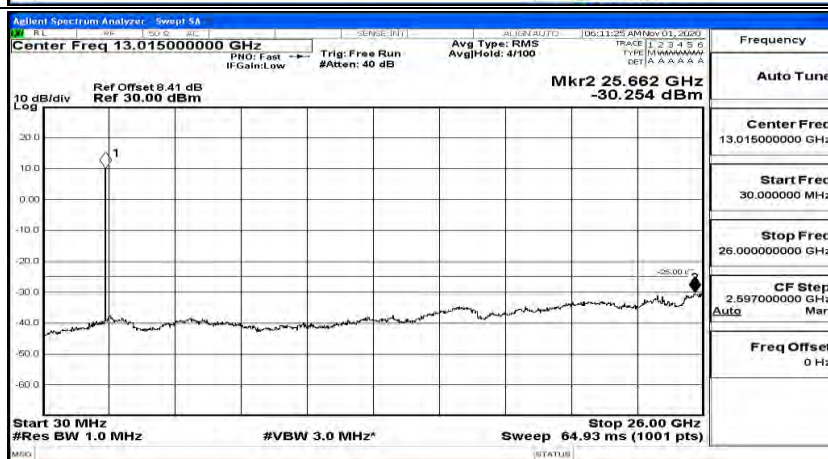
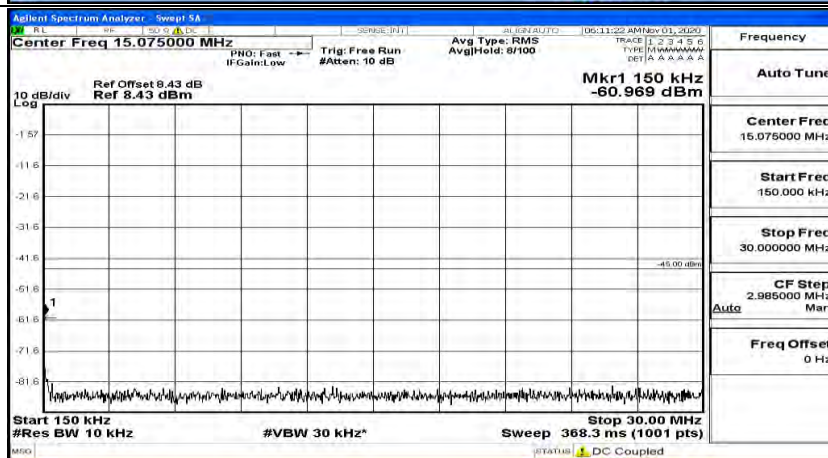
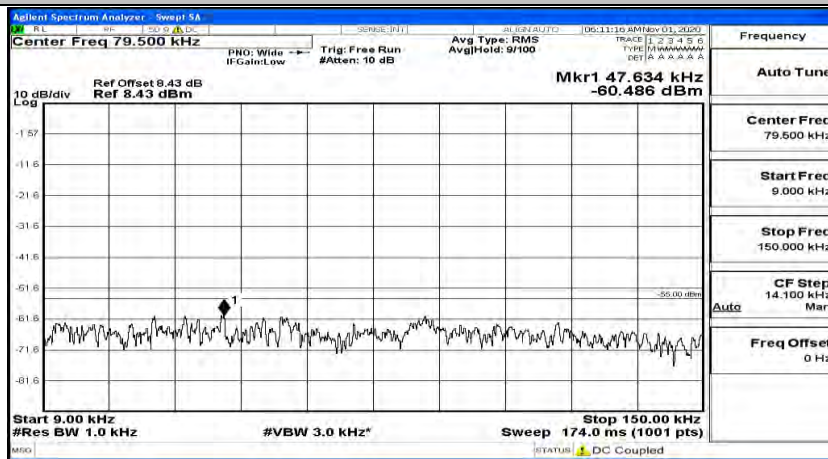


(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

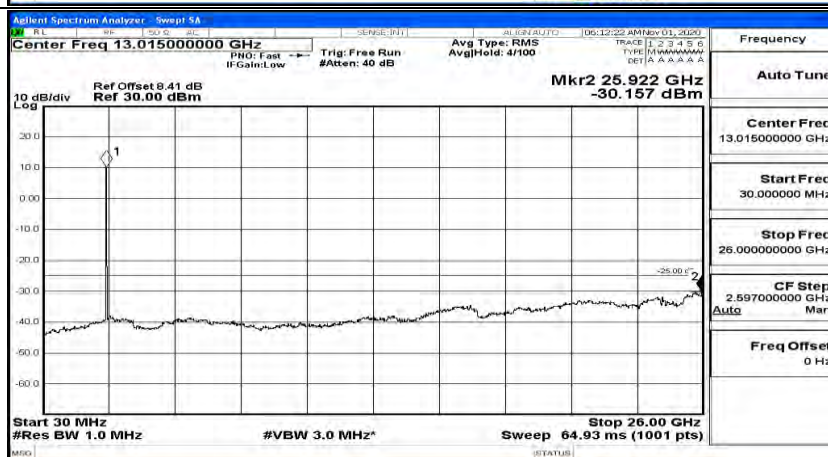
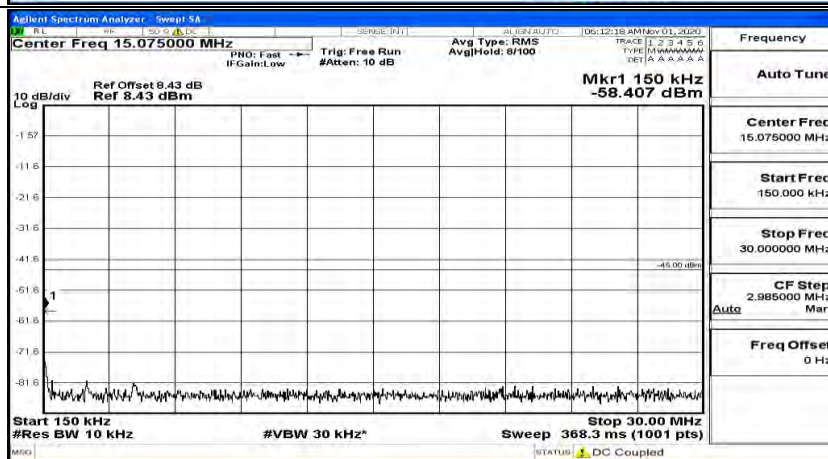
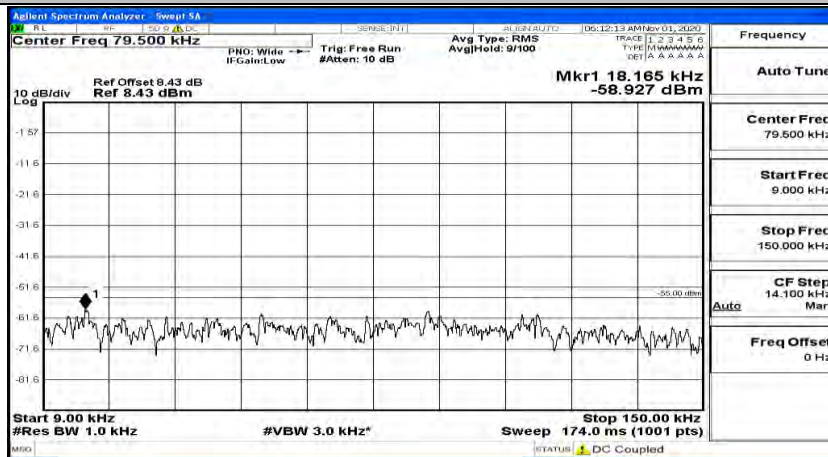




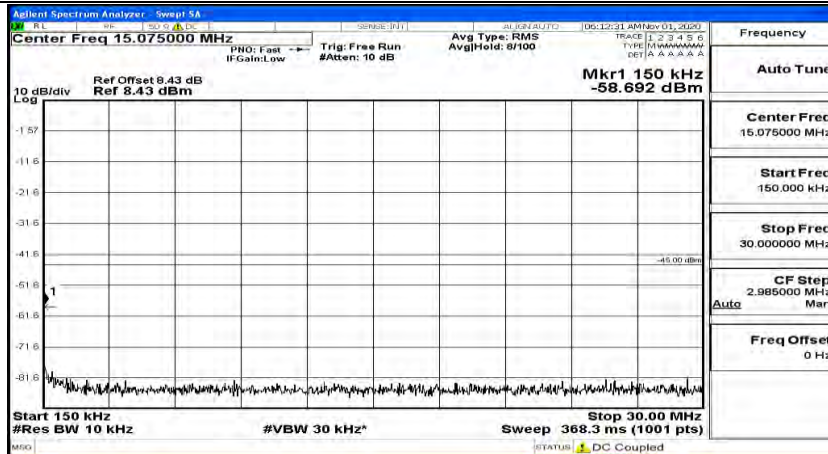
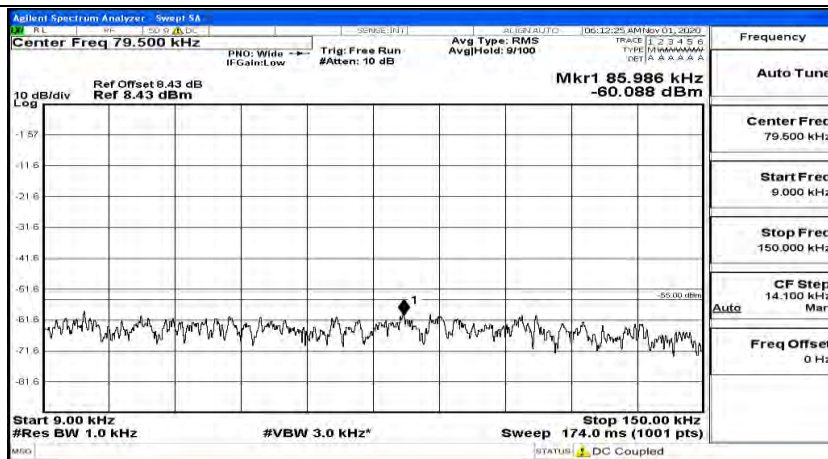
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



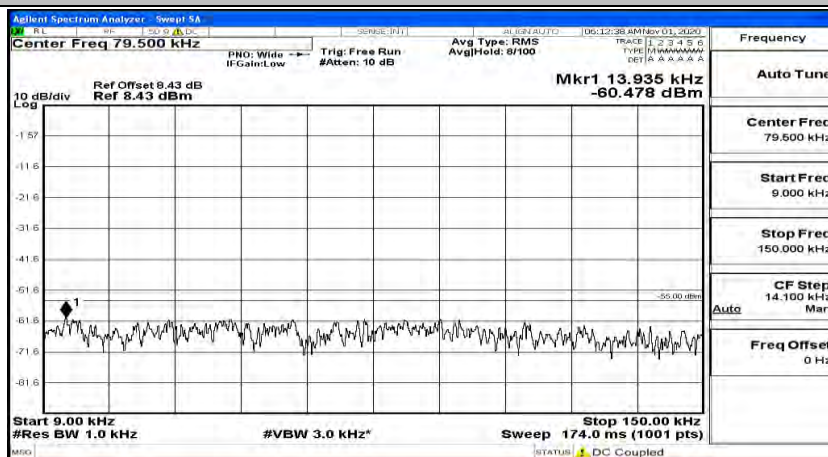
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#0

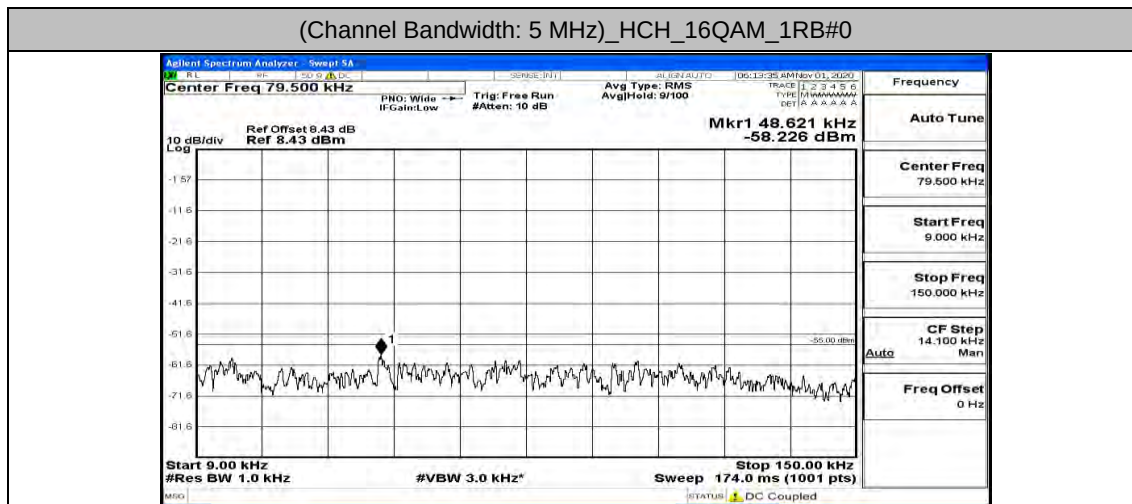
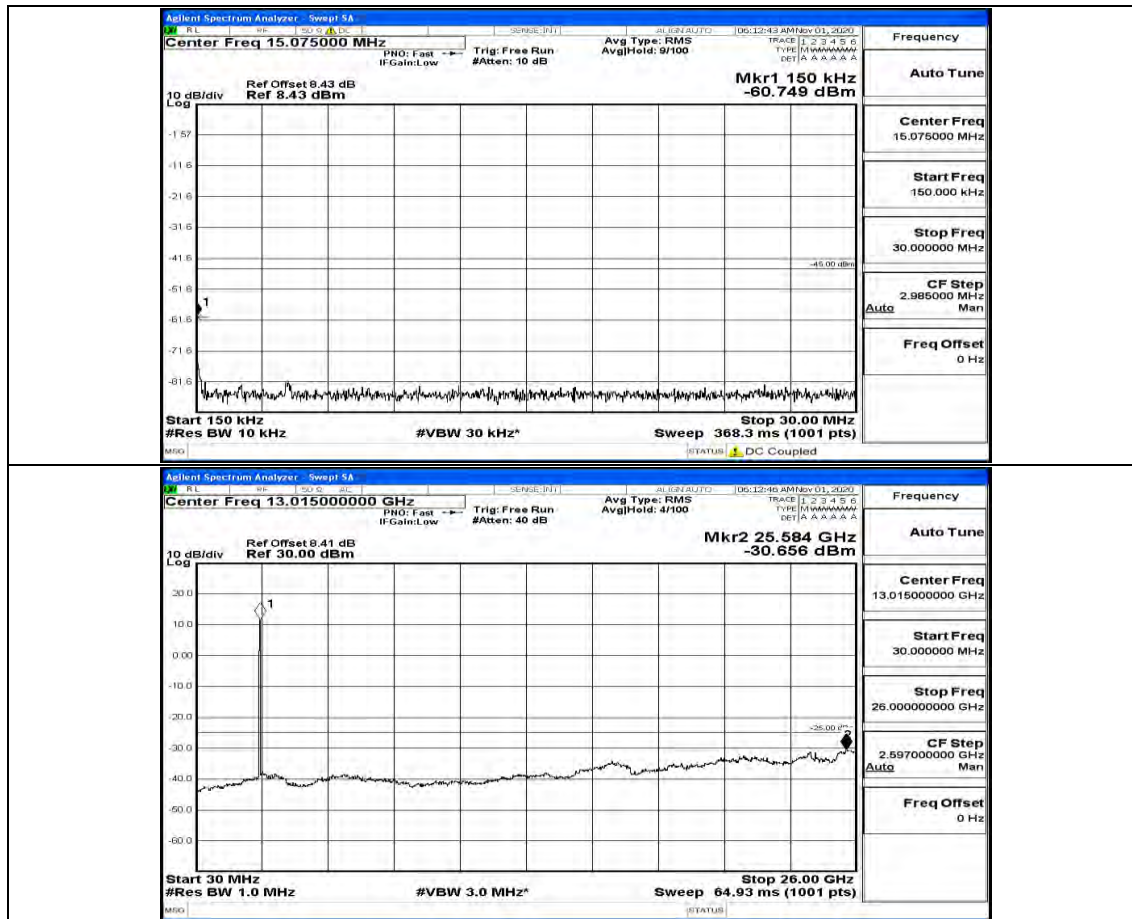


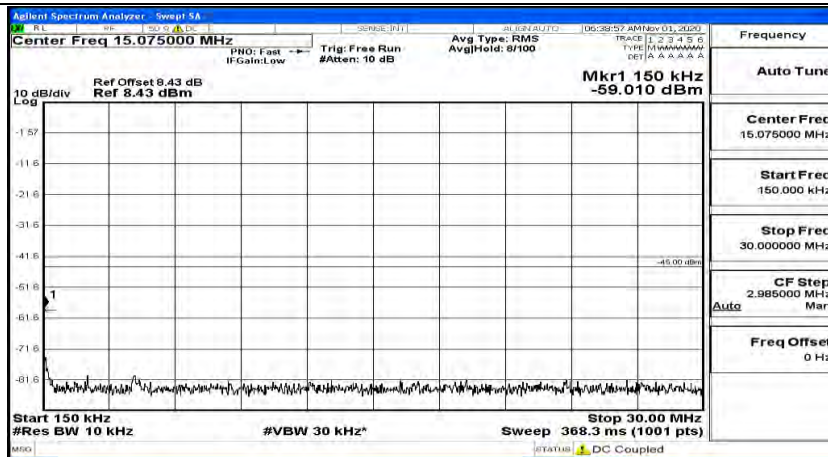
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#12



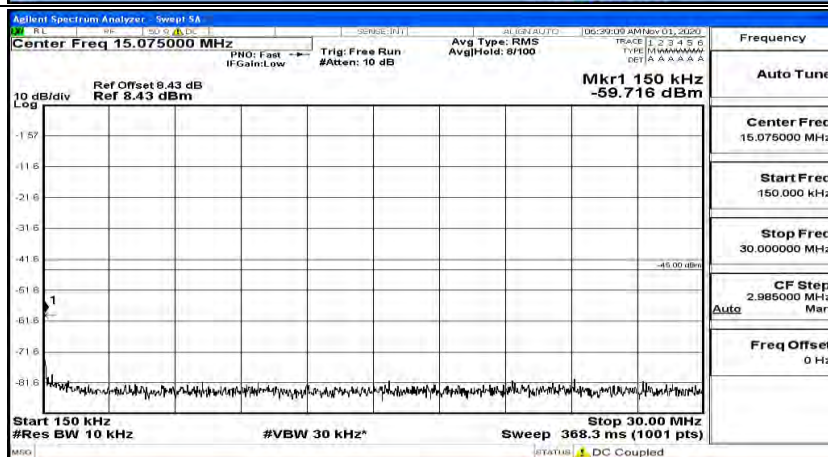
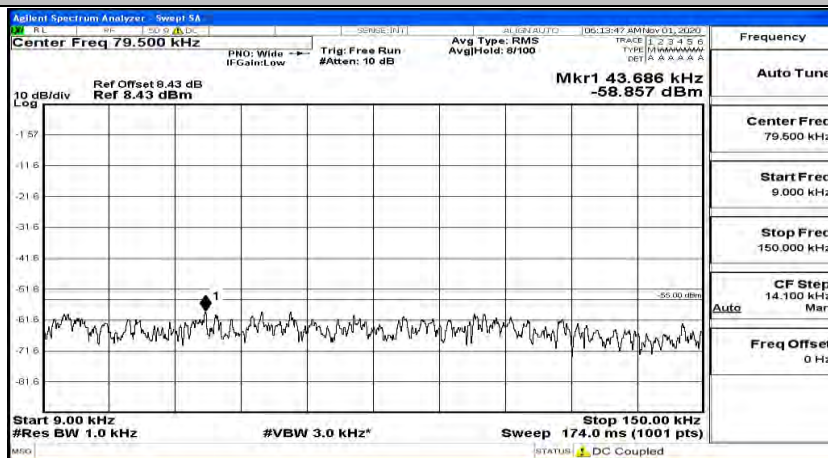
(Channel Bandwidth: 5 MHz)_MCH_16QAM_1RB#24

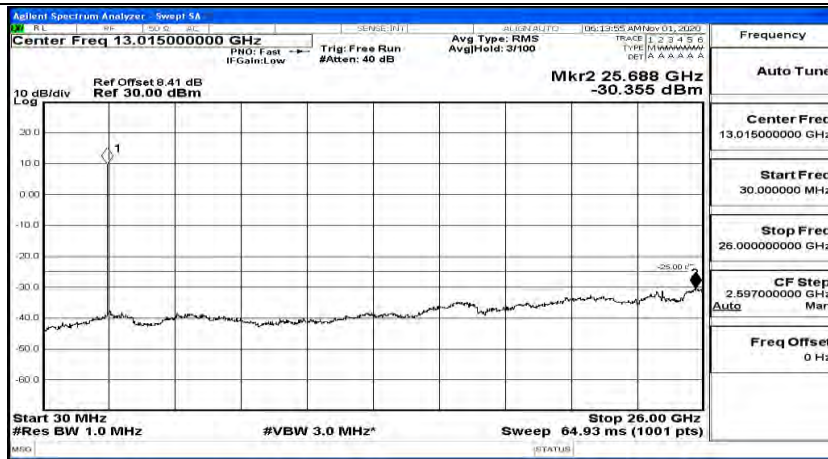






(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12





(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

