

Appendix G: Test Data for E-UTRA Band 7

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

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	23.40	22.02	PASS
		1	12	23.49	22.24	PASS
		1	24	23.14	22.22	PASS
		12	0	22.35	21.30	PASS
		12	6	22.42	21.48	PASS
		12	13	22.26	21.44	PASS
		25	0	22.24	21.39	PASS
	MCH	1	0	23.75	22.73	PASS
		1	12	24.15	23.04	PASS
		1	24	24.10	22.82	PASS
		12	0	23.01	22.00	PASS
		12	6	23.09	21.97	PASS
		12	13	22.97	21.99	PASS
		25	0	23.01	22.18	PASS
	HCH	1	0	23.55	22.76	PASS
		1	12	23.79	23.10	PASS
		1	24	23.45	22.79	PASS
		12	0	22.97	21.91	PASS
		12	6	22.98	22.12	PASS
		12	13	23.04	22.07	PASS
		25	0	23.06	22.07	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.31	22.65	PASS
		1	24	24.17	22.99	PASS
		1	49	23.24	22.65	PASS
		25	0	22.41	21.38	PASS
		25	12	22.48	21.47	PASS
		25	25	22.44	21.43	PASS
		50	0	22.37	21.62	PASS
	MCH	1	0	23.66	22.89	PASS
		1	24	24.32	23.67	PASS
		1	49	23.72	23.06	PASS
		25	0	23.06	21.95	PASS
		25	12	23.22	22.20	PASS
		25	25	23.09	22.12	PASS
		50	0	23.11	22.30	PASS
	HCH	1	0	23.13	22.60	PASS
		1	24	23.76	23.26	PASS
		1	49	22.81	22.33	PASS
		25	0	22.83	21.73	PASS
		25	12	23.11	22.00	PASS
		25	25	23.00	22.03	PASS
		50	0	22.96	21.85	PASS

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

Modulation	Channel	RB Configuration		Average Power [dBm]		Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.32	22.75	PASS
		1	37	23.69	23.41	PASS
		1	74	23.59	23.04	PASS
		37	0	22.43	21.32	PASS
		37	18	22.51	21.47	PASS
		37	38	22.49	21.55	PASS
		75	0	22.50	21.46	PASS
	MCH	1	0	23.92	23.25	PASS
		1	37	24.13	23.50	PASS
		1	74	23.95	23.34	PASS
		37	0	23.11	22.22	PASS
		37	18	23.22	22.32	PASS
		37	38	23.26	22.27	PASS
		75	0	23.19	22.23	PASS
	HCH	1	0	22.97	22.21	PASS
		1	37	23.67	22.98	PASS
		1	74	22.86	22.17	PASS
		37	0	22.91	21.97	PASS
		37	18	22.97	22.04	PASS
		37	38	22.98	21.99	PASS
		75	0	22.97	21.89	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]		Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.12	22.28	PASS
		1	49	23.27	22.42	PASS
		1	99	23.61	22.11	PASS
		50	0	22.48	21.61	PASS
		50	25	22.67	21.83	PASS
		50	50	22.89	21.88	PASS
		100	0	22.67	21.63	PASS
	MCH	1	0	23.97	22.83	PASS
		1	49	24.32	22.99	PASS
		1	99	24.03	23.02	PASS
		50	0	23.06	22.17	PASS
		50	25	23.21	22.36	PASS
		50	50	23.22	22.41	PASS
		100	0	23.32	22.29	PASS
	HCH	1	0	23.20	22.38	PASS
		1	49	24.10	23.12	PASS
		1	99	22.77	21.97	PASS
		50	0	22.99	22.02	PASS
		50	25	22.98	22.05	PASS
		50	50	22.92	21.93	PASS
		100	0	22.97	21.96	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	5.14	<13	PASS
	MCH	5.09	<13	PASS
	HCH	4.5	<13	PASS
16QAM	LCH	6.03	<13	PASS
	MCH	5.84	<13	PASS
	HCH	5.21	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.02	<13	PASS
	MCH	5.17	<13	PASS
	HCH	4.71	<13	PASS
16QAM	LCH	6.47	<13	PASS
	MCH	5.92	<13	PASS
	HCH	5.48	<13	PASS

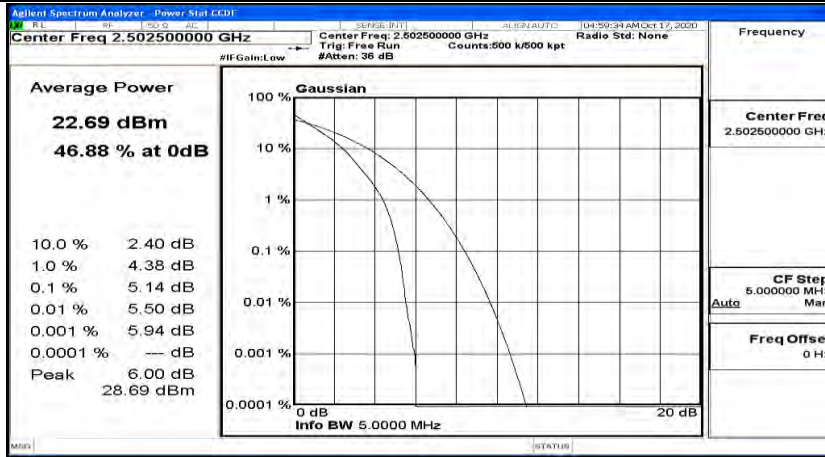
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.9	<13	PASS
	MCH	4.97	<13	PASS
	HCH	4.93	<13	PASS
16QAM	LCH	6.11	<13	PASS
	MCH	6.15	<13	PASS
	HCH	6.13	<13	PASS

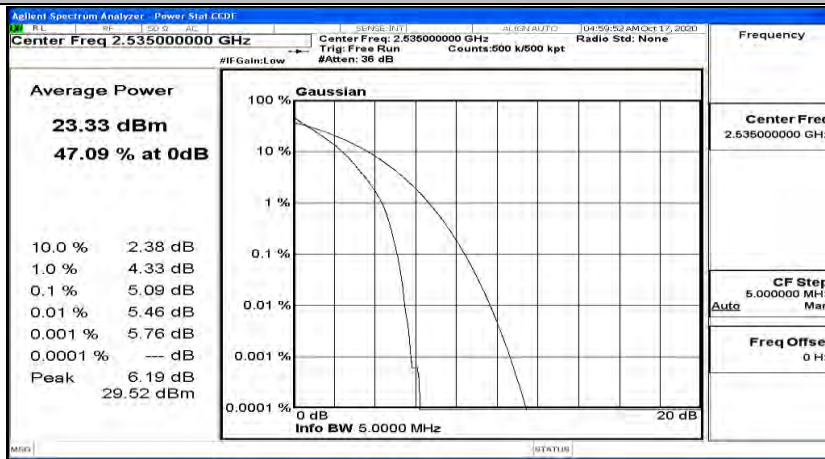
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.72	<13	PASS
	MCH	5.79	<13	PASS
	HCH	11.64	<13	PASS
16QAM	LCH	6.67	<13	PASS
	MCH	6.69	<13	PASS
	HCH	6.73	<13	PASS

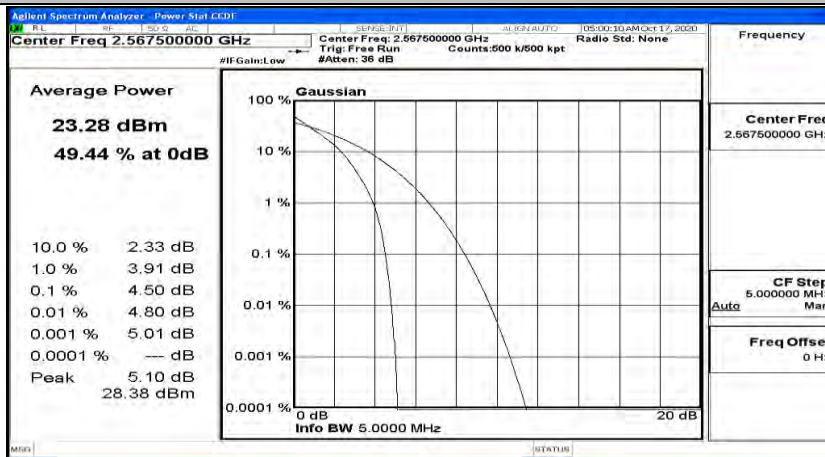
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



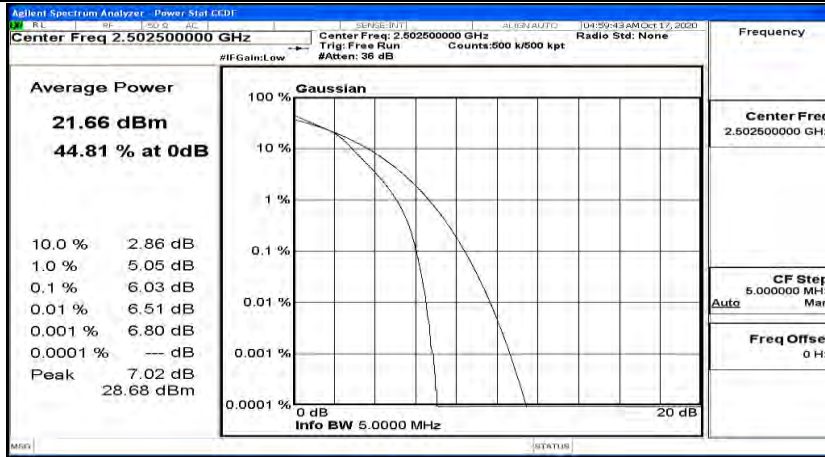
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



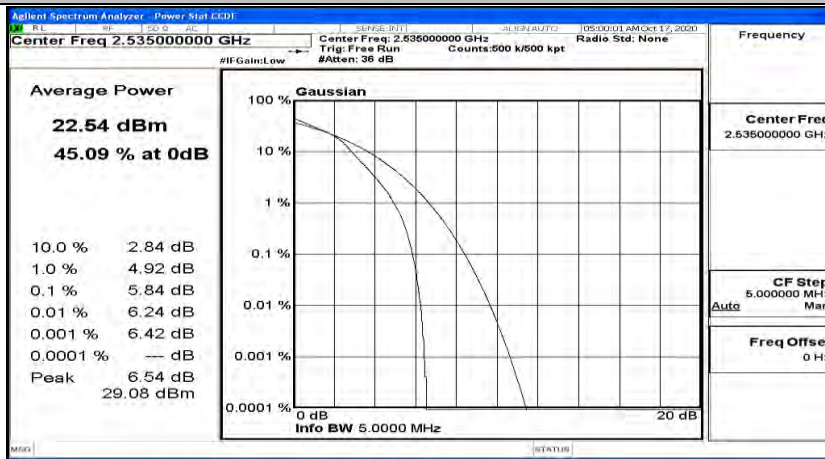
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



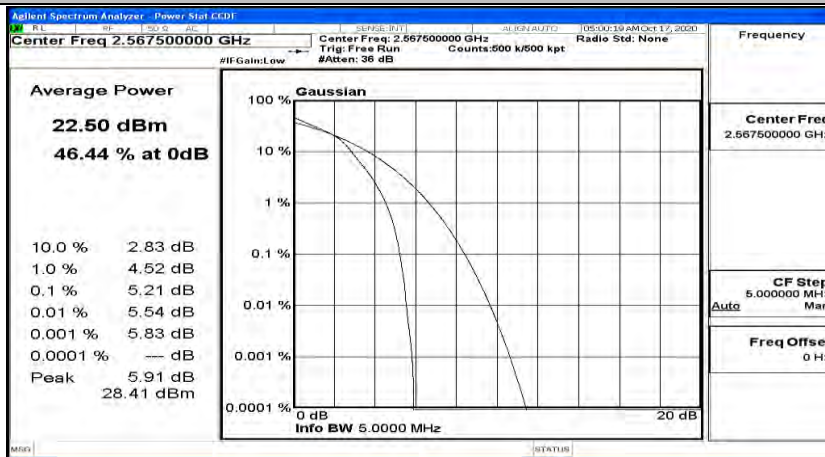
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



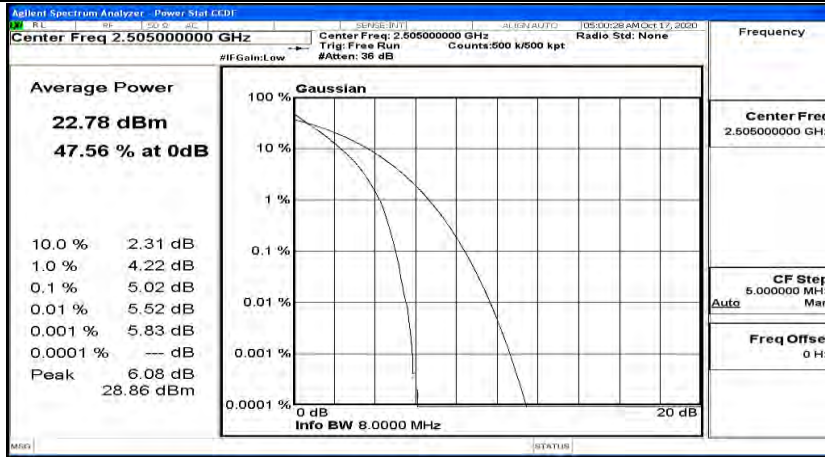
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



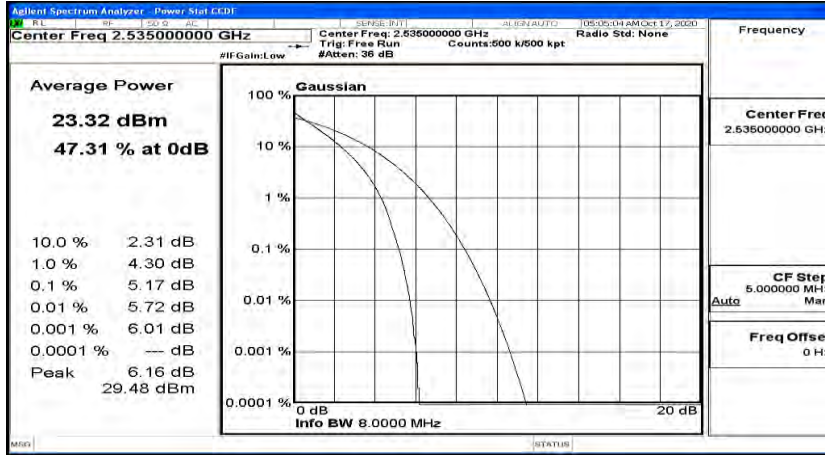
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



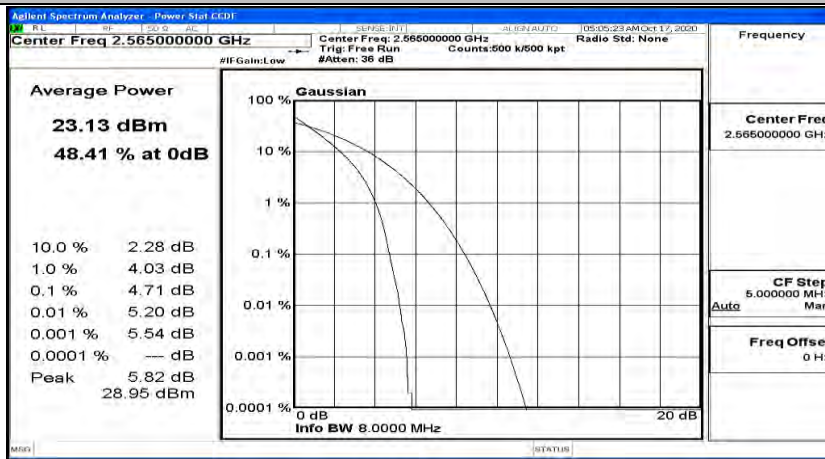
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz) LCH_QPSK



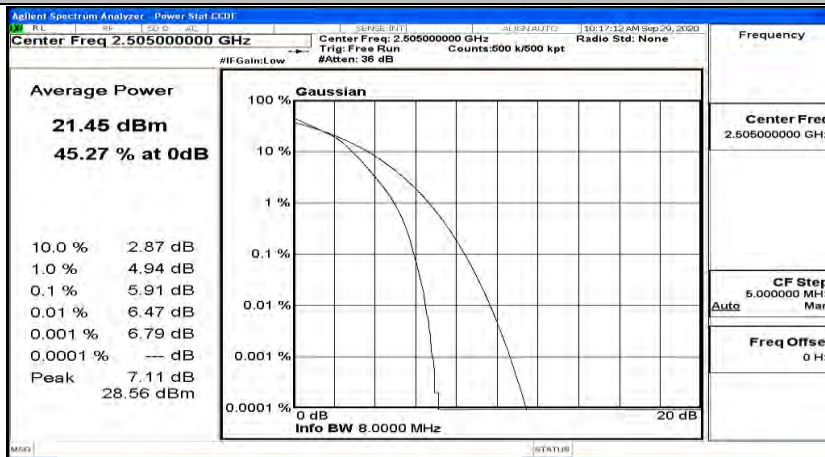
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



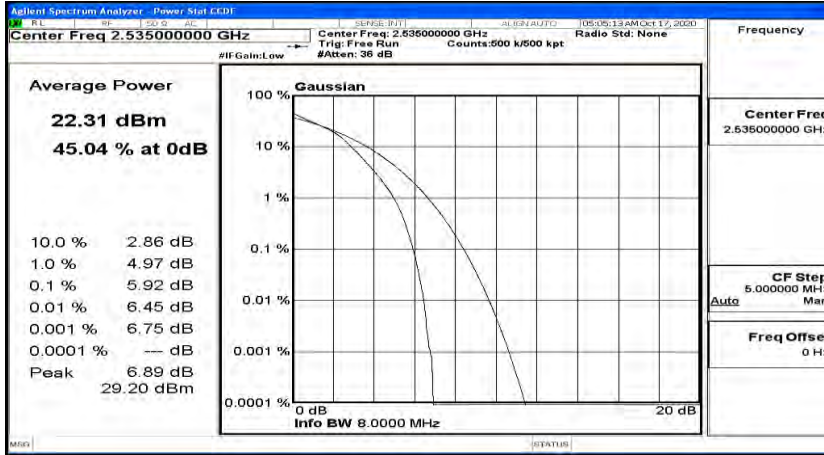
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



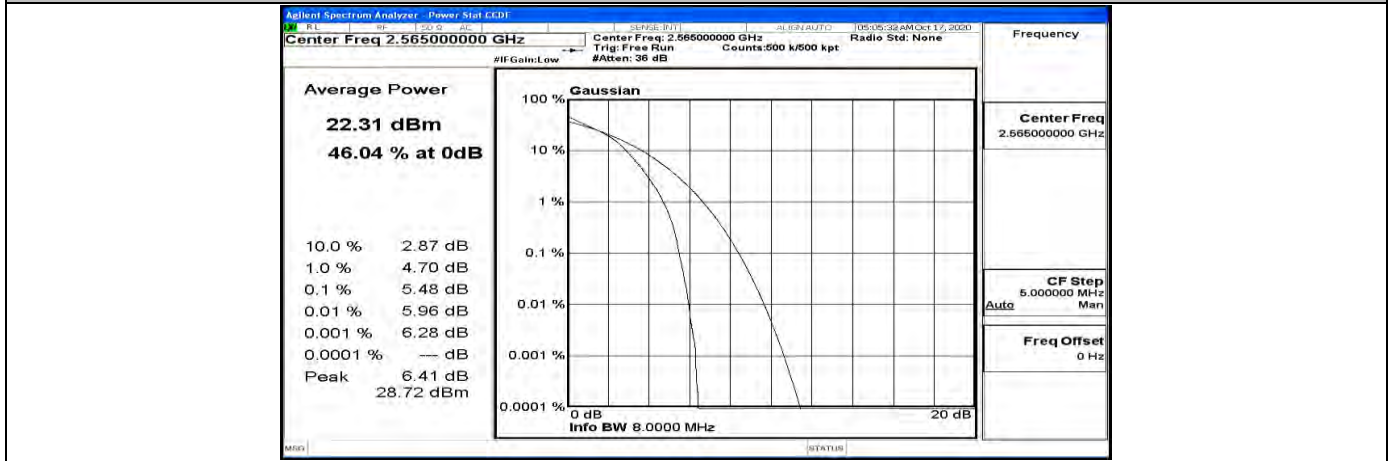
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



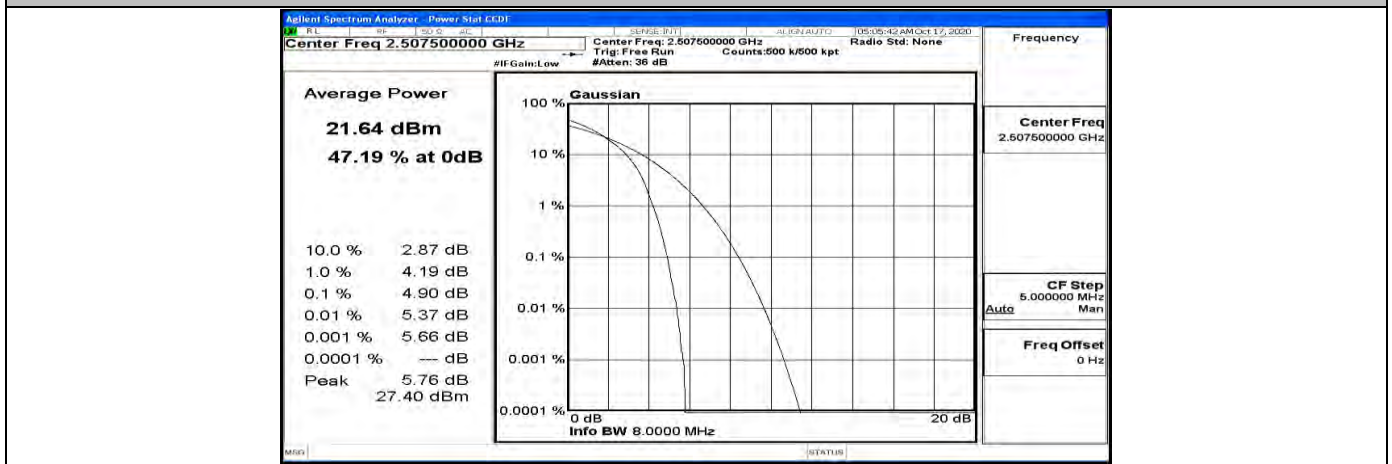
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



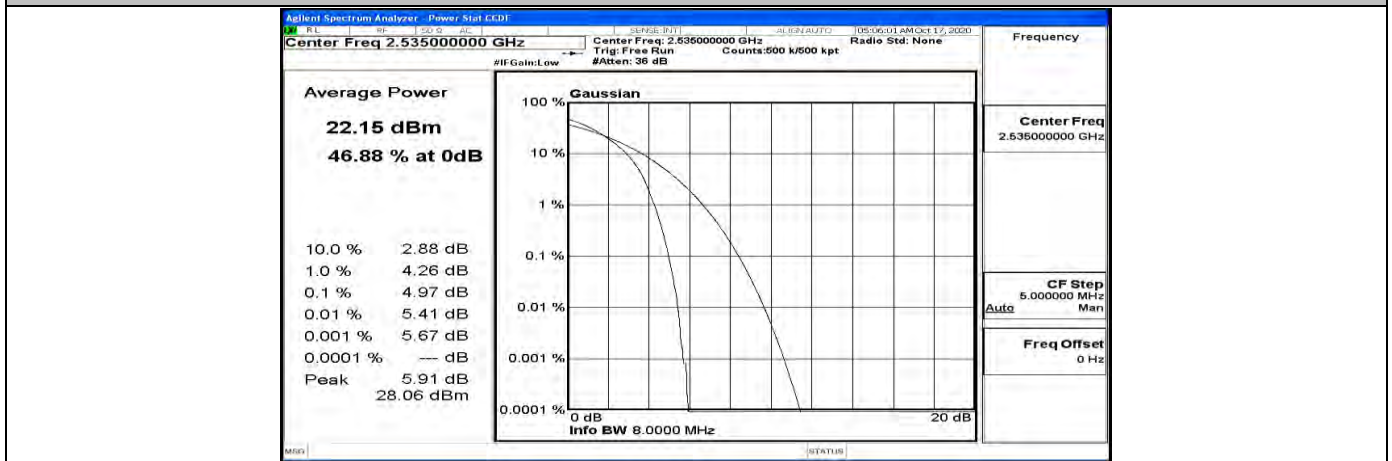
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



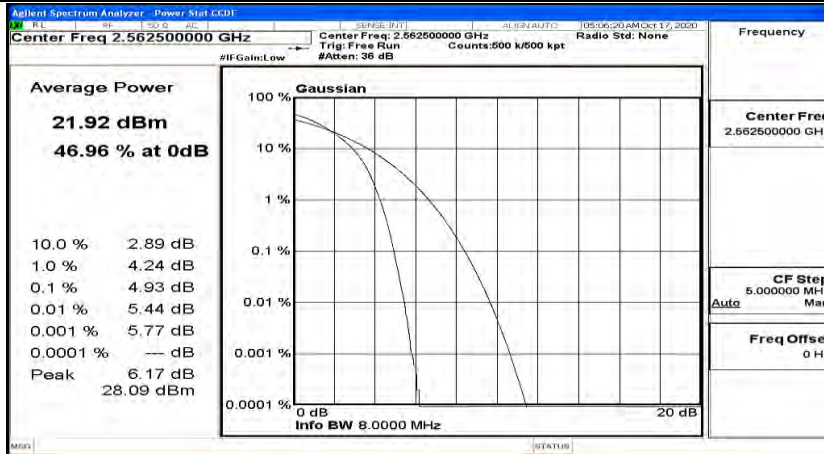
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



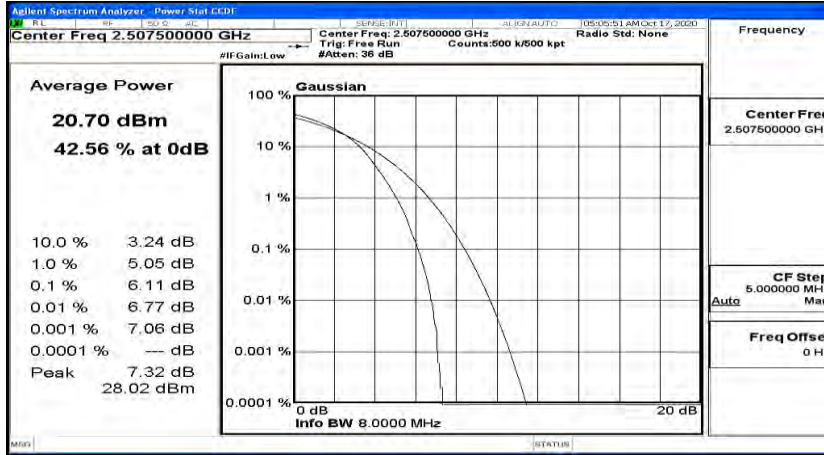
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



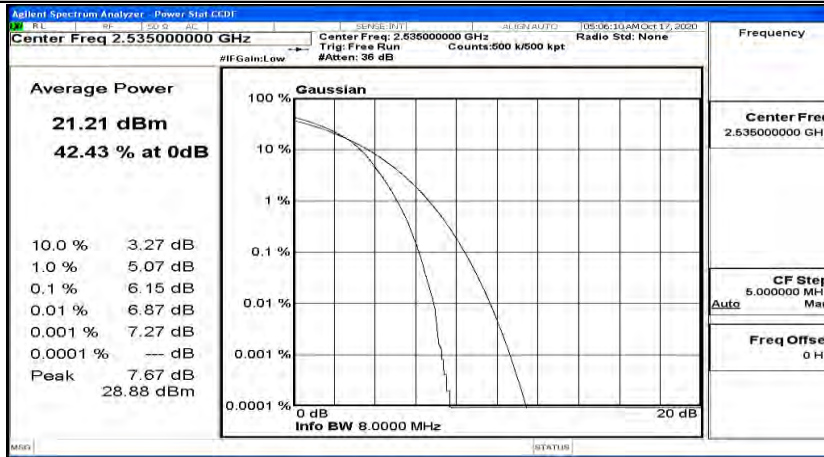
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



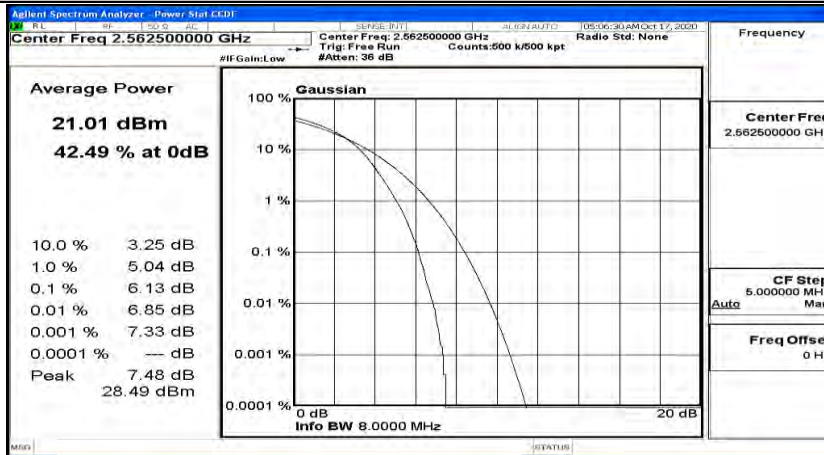
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



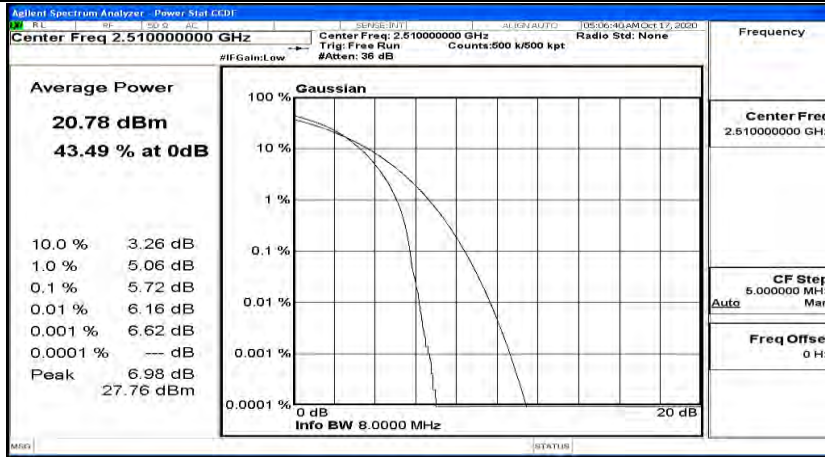
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



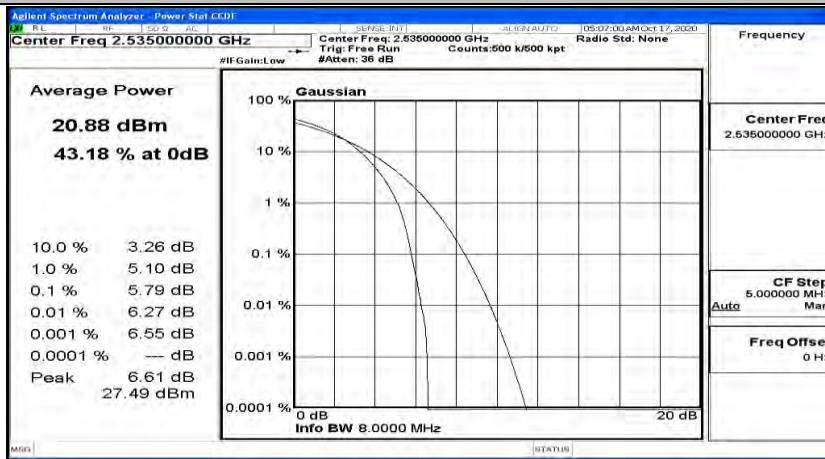
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



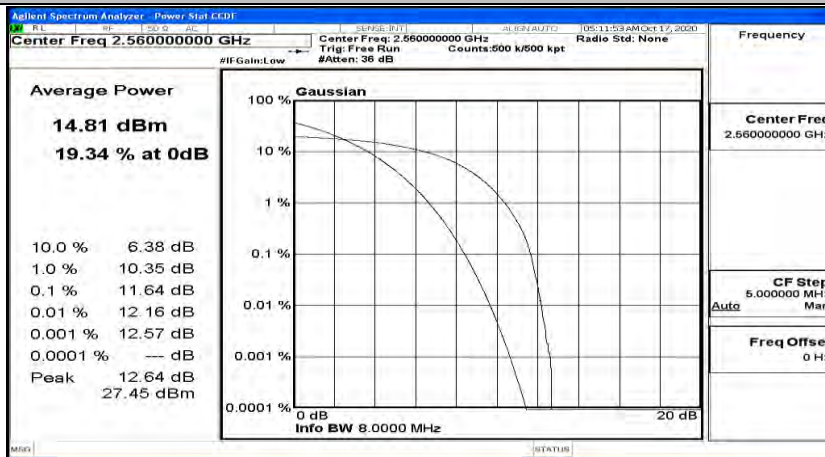
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz) LCH_QPSK



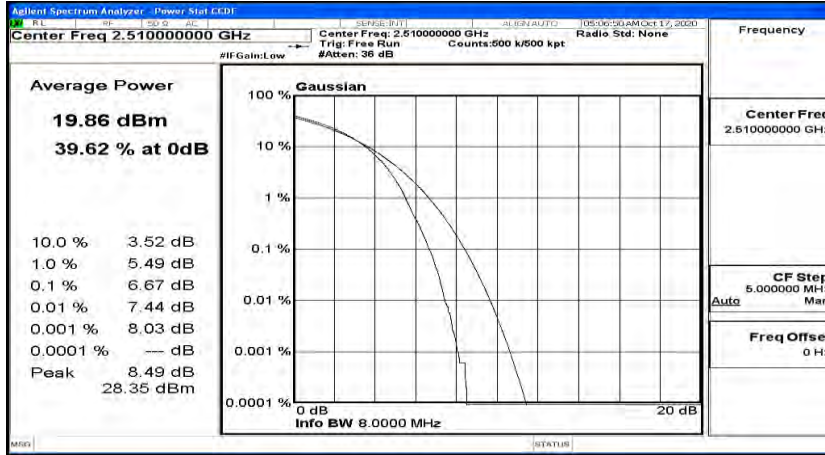
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz) MCH_QPSK



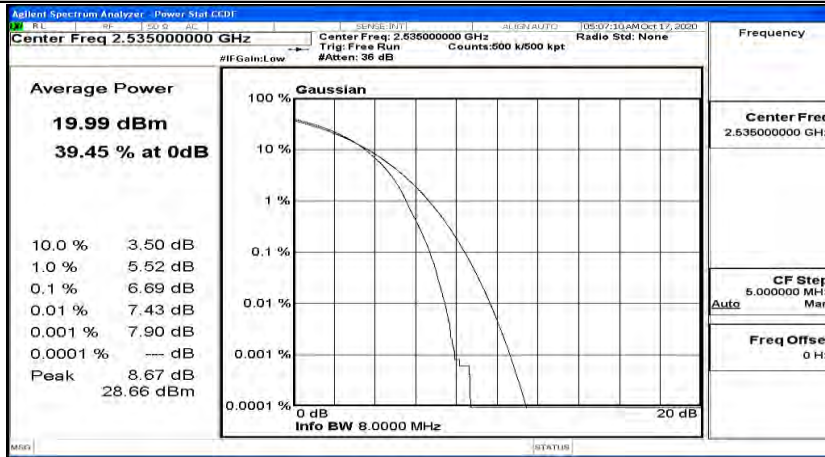
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz) HCH_QPSK



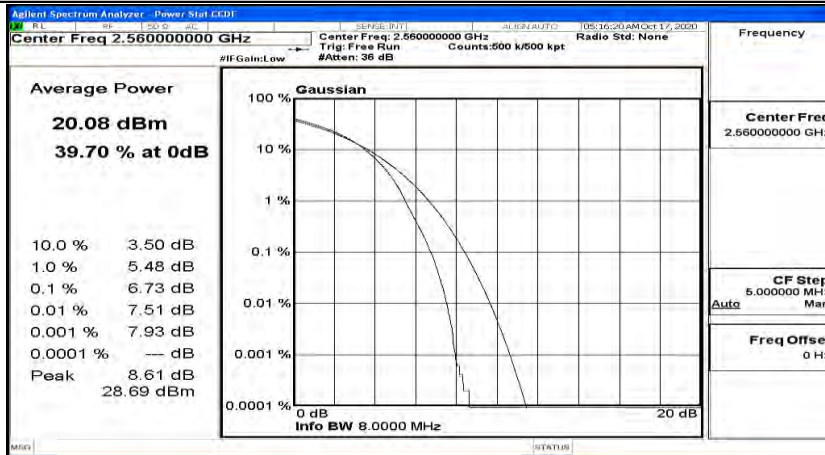
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

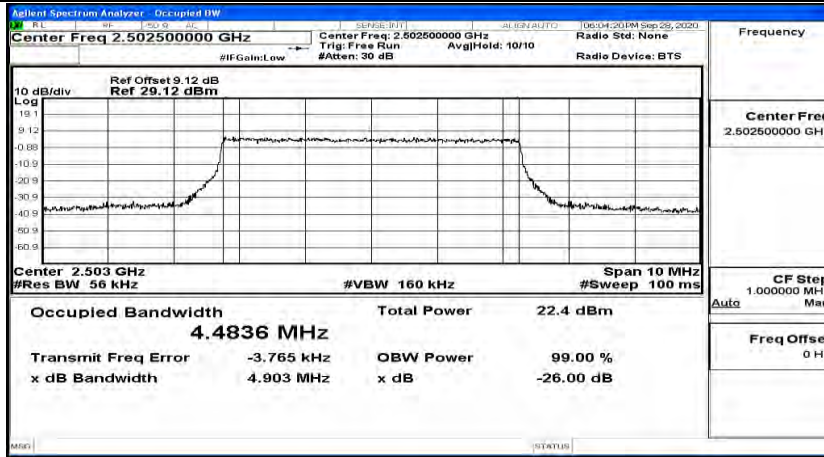
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4836	4.903	PASS
	MCH	4.4683	4.811	PASS
	HCH	4.4716	4.848	PASS
16QAM	LCH	4.4711	4.822	PASS
	MCH	4.4774	4.784	PASS
	HCH	4.4712	4.769	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9214	9.386	PASS
	MCH	8.9099	9.384	PASS
	HCH	8.9173	9.459	PASS
16QAM	LCH	8.9241	9.403	PASS
	MCH	8.9411	9.403	PASS
	HCH	8.9141	9.421	PASS

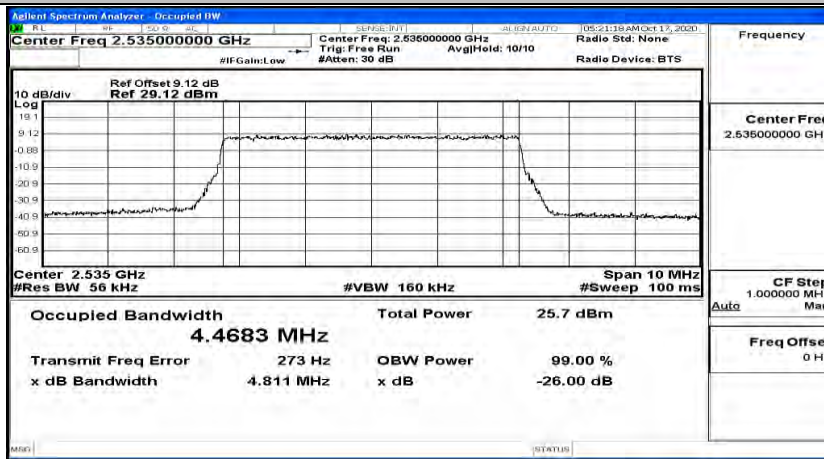
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.374	14.06	PASS
	MCH	13.387	14.02	PASS
	HCH	13.360	14.04	PASS
16QAM	LCH	13.364	13.98	PASS
	MCH	13.397	14.05	PASS
	HCH	13.363	14.02	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.801	18.53	PASS
	MCH	17.864	18.57	PASS
	HCH	17.850	18.54	PASS
16QAM	LCH	17.821	18.56	PASS
	MCH	17.836	18.64	PASS
	HCH	17.819	18.55	PASS

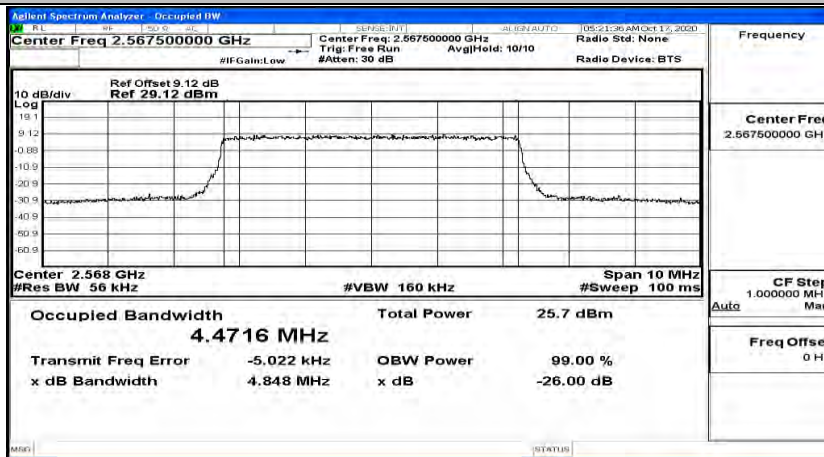
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



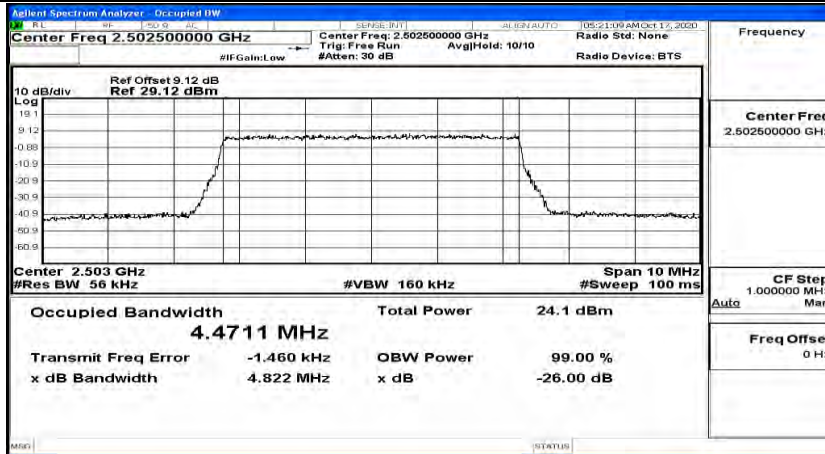
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



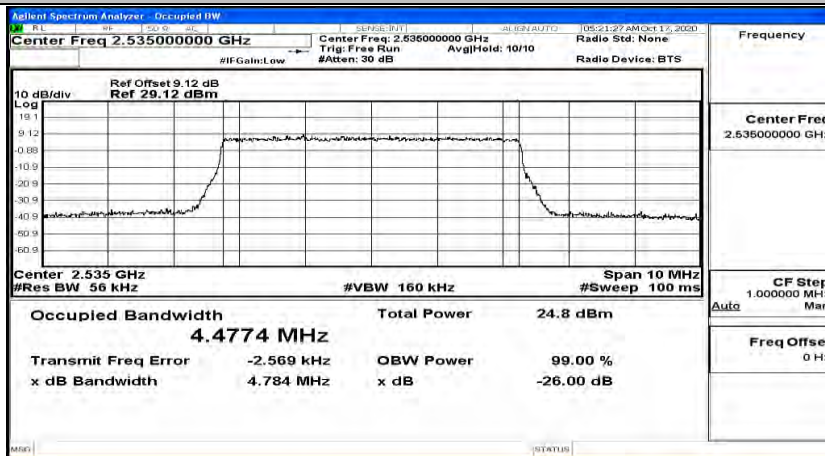
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



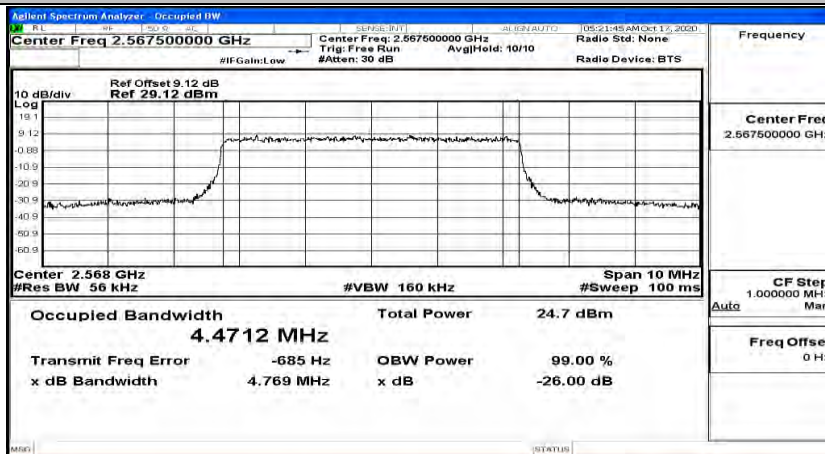
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz) LCH_16QAM



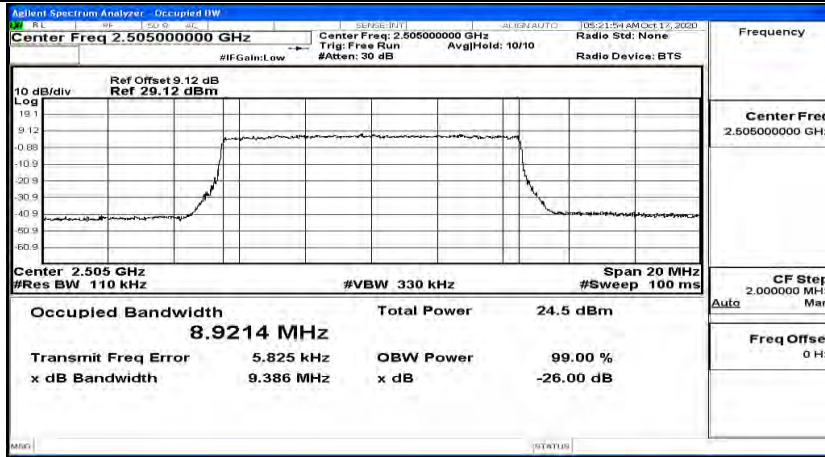
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz) MCH_16QAM



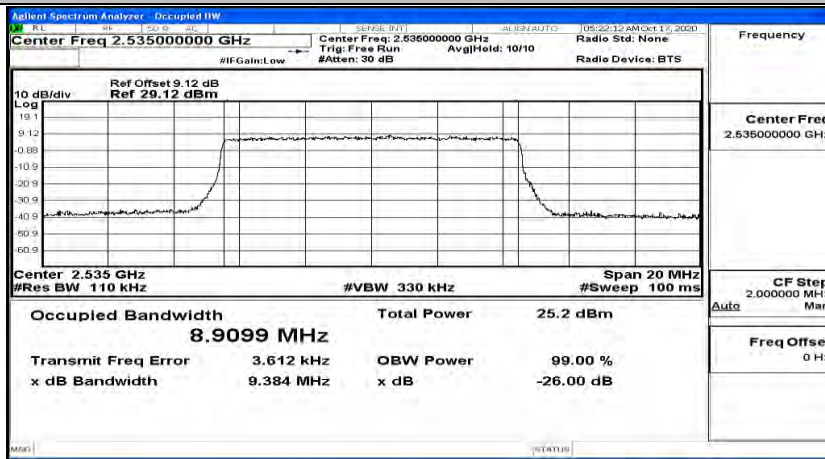
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz) HCH_16QAM



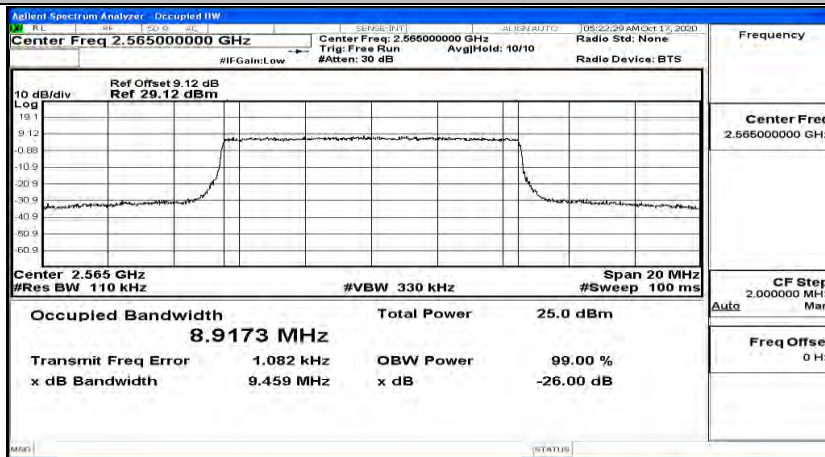
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



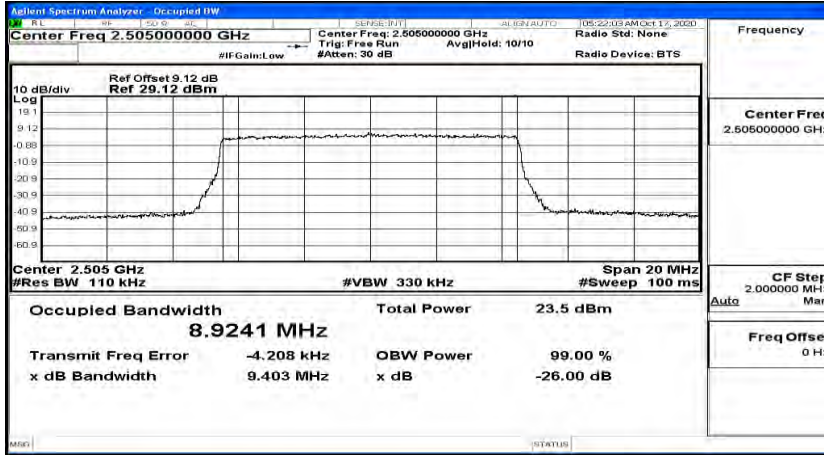
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



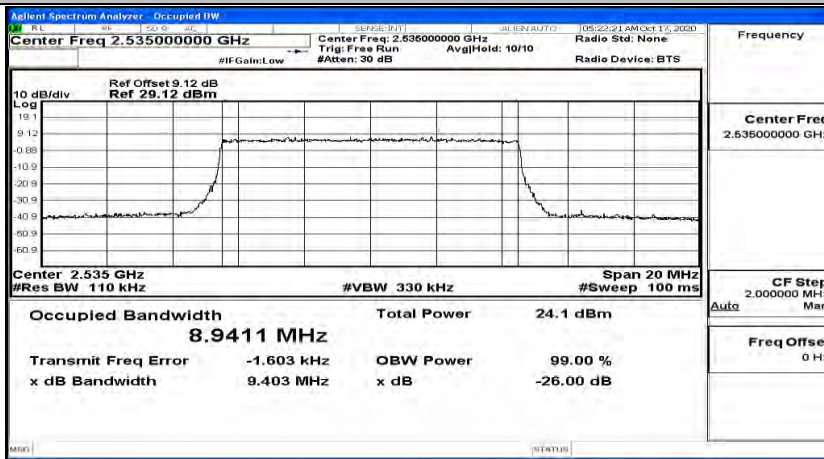
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



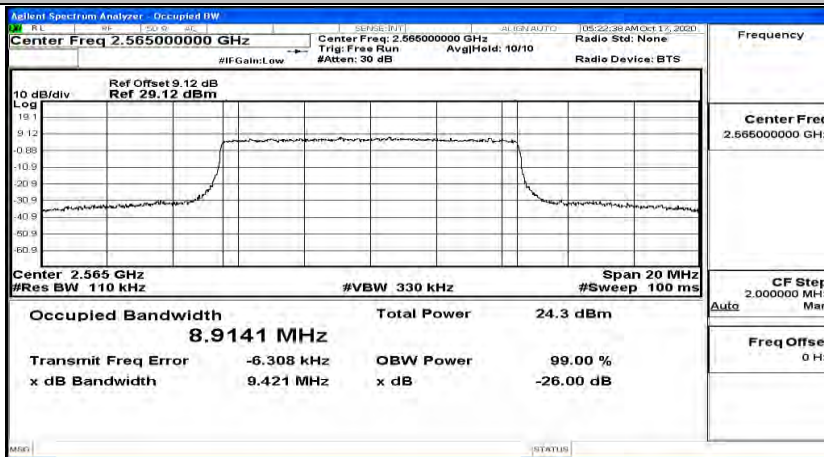
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



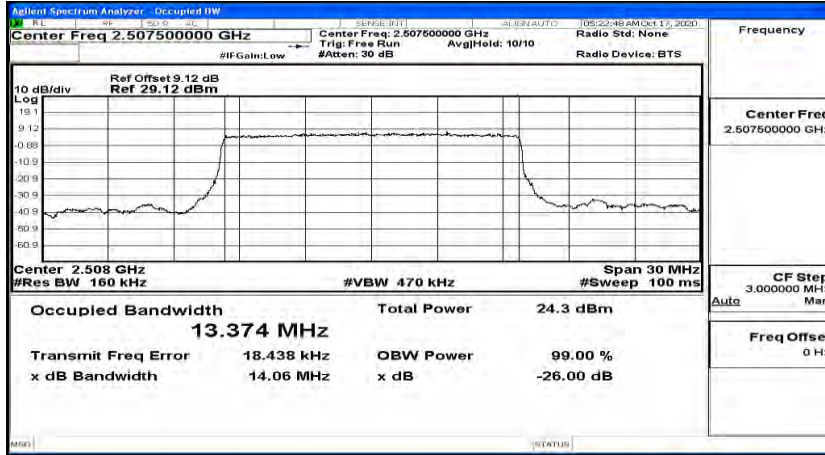
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



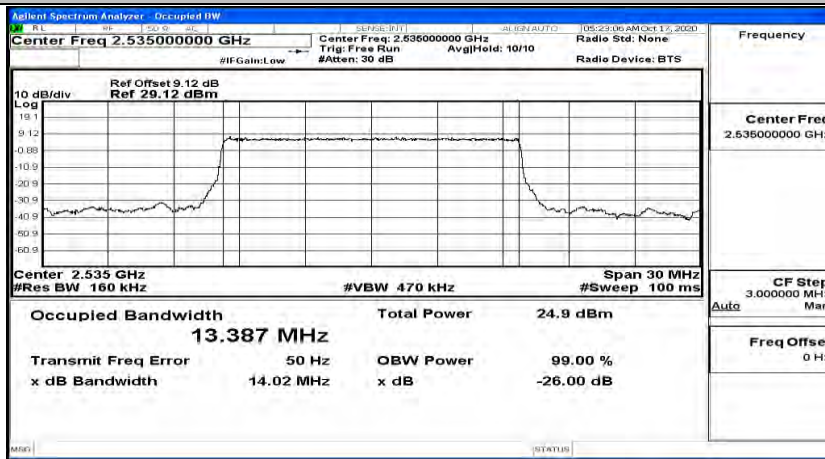
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



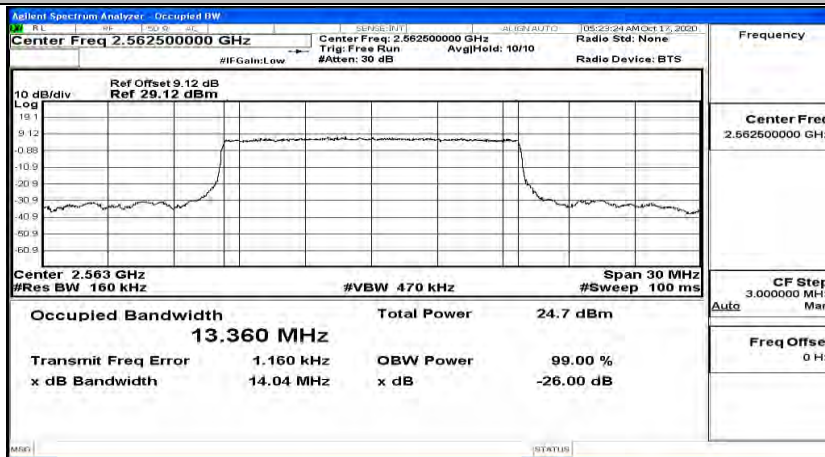
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



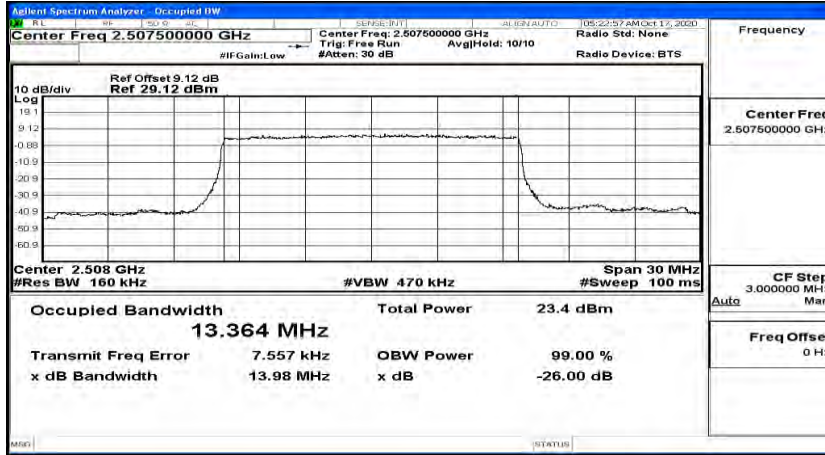
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



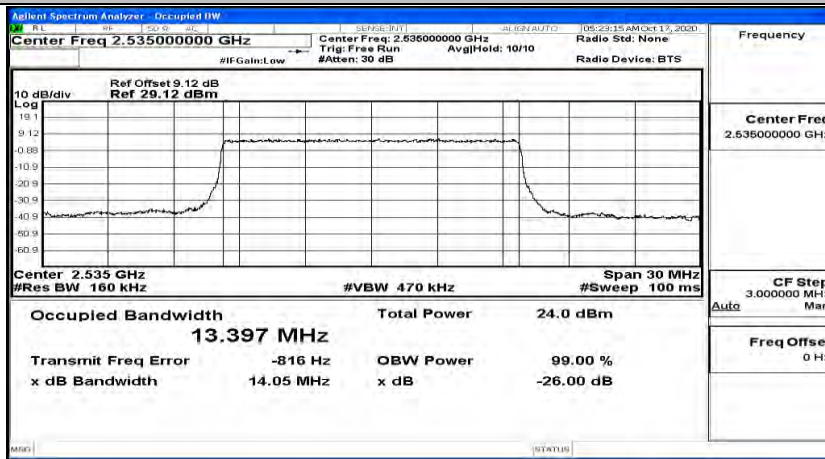
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



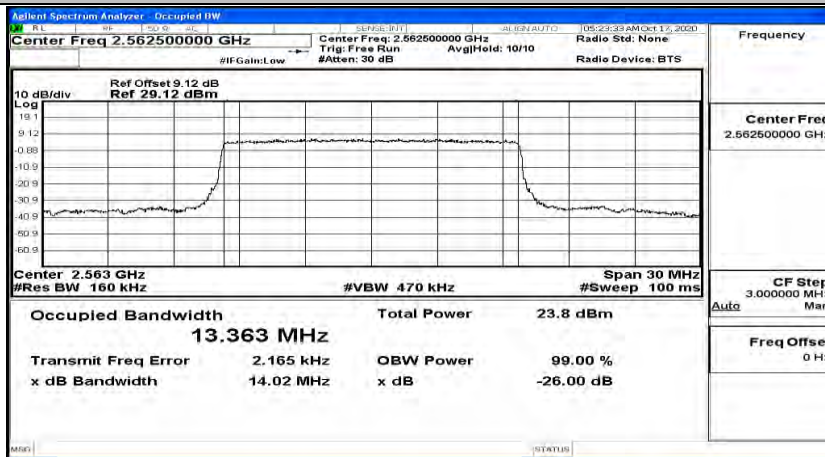
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



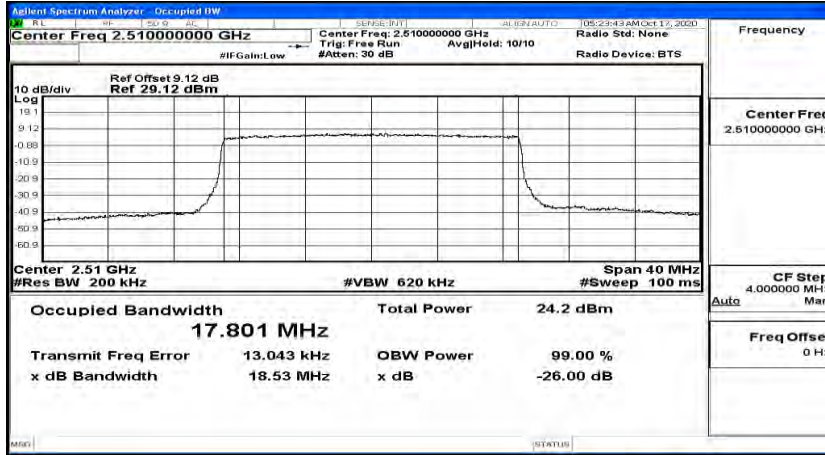
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



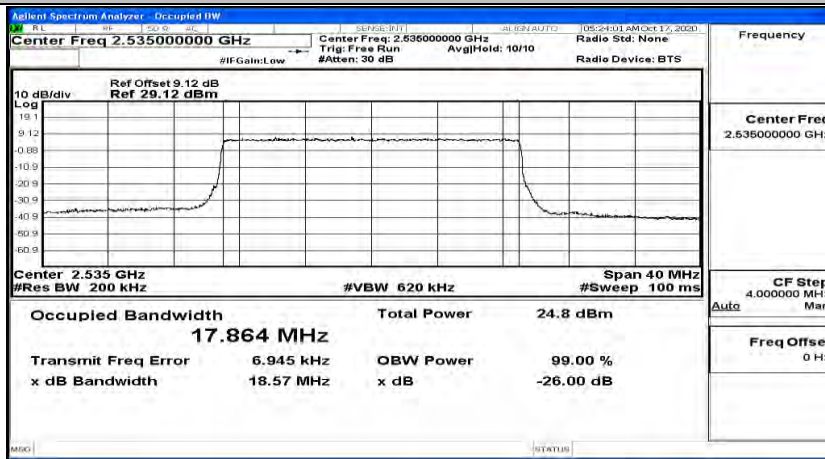
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



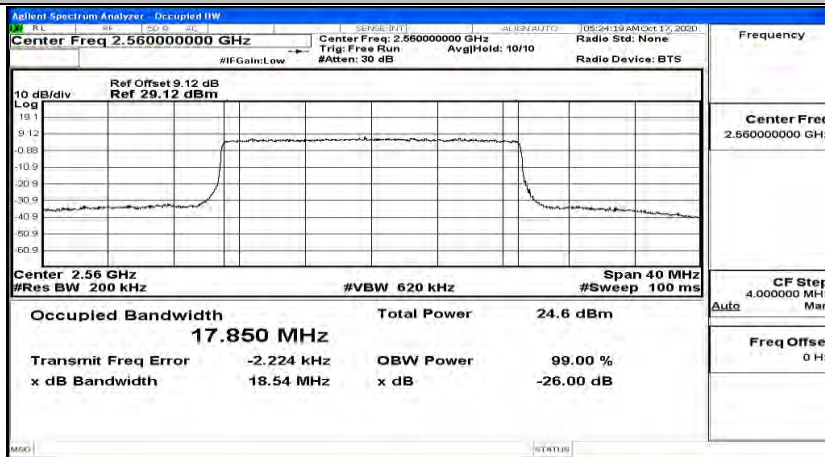
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



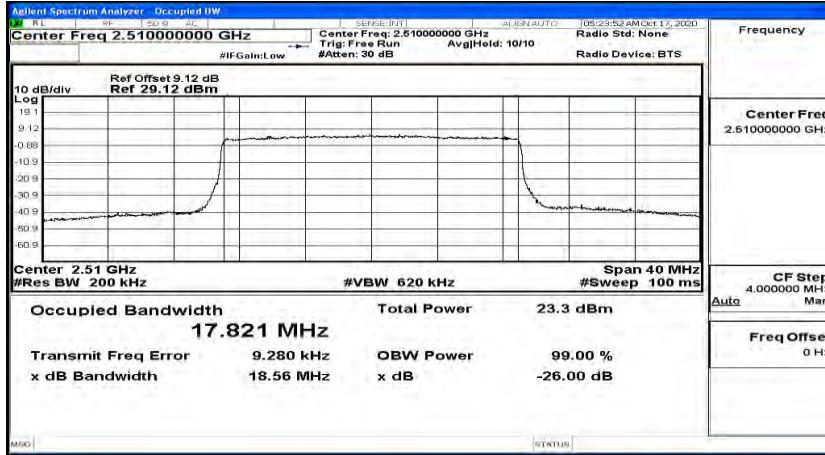
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



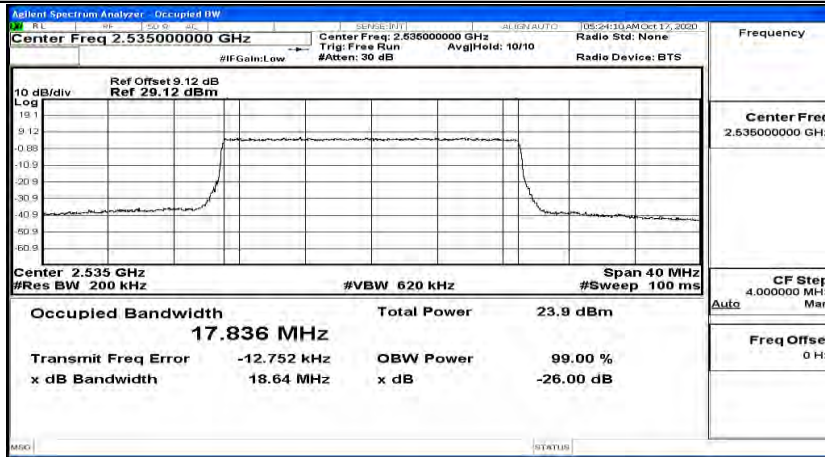
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



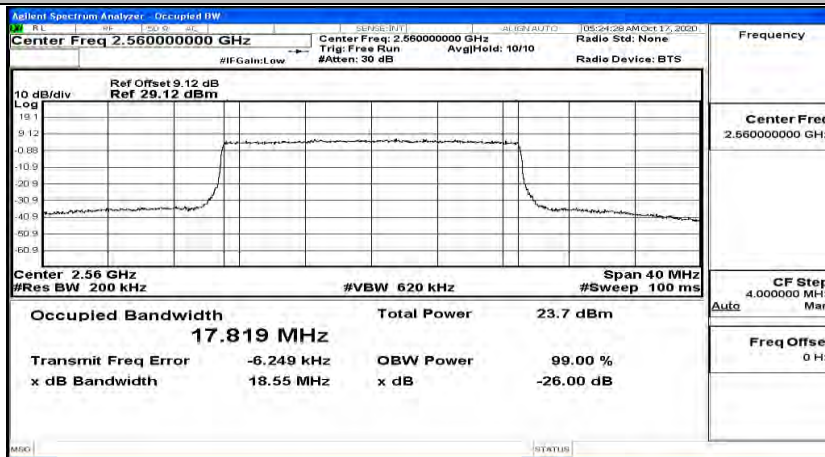
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

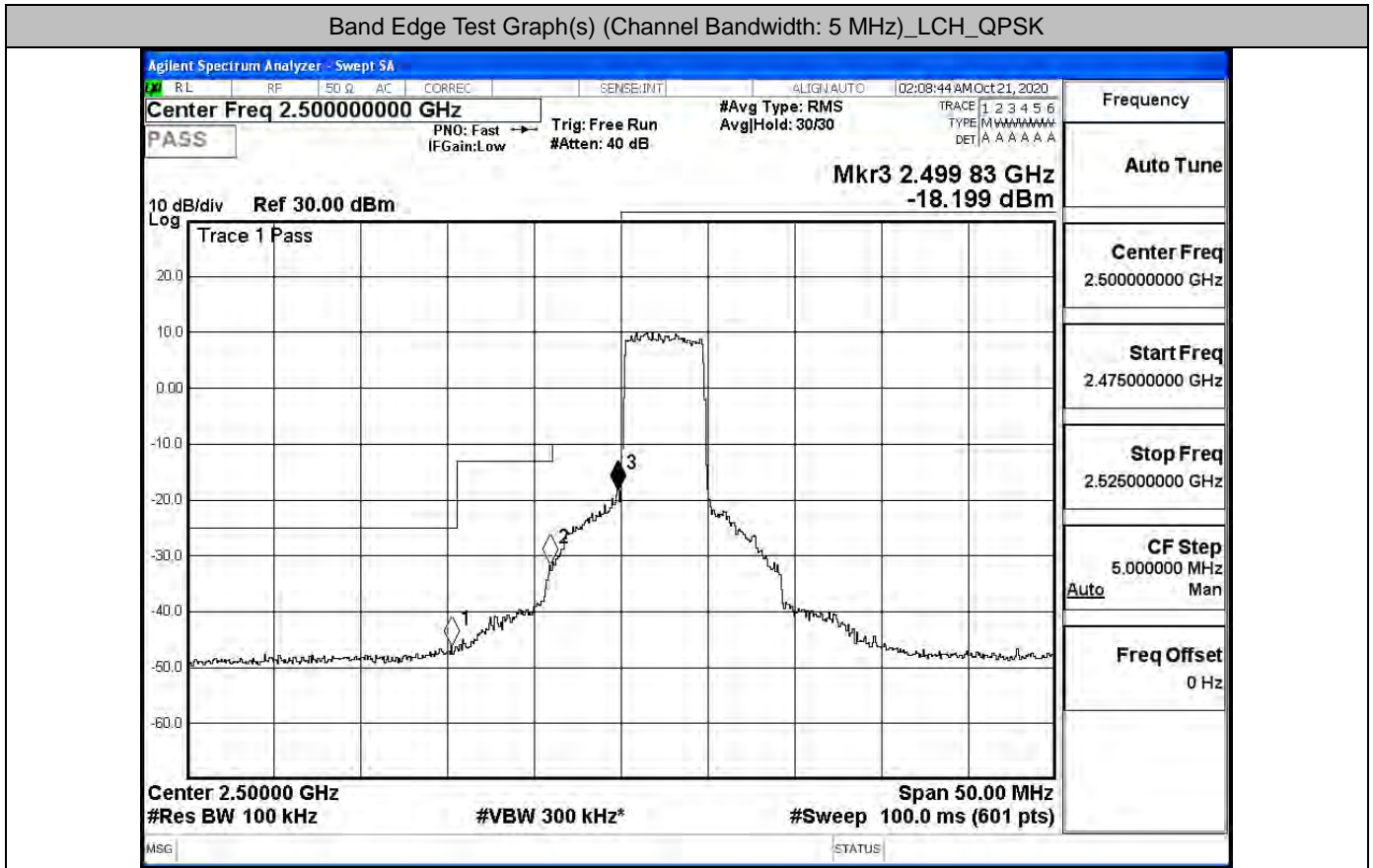


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

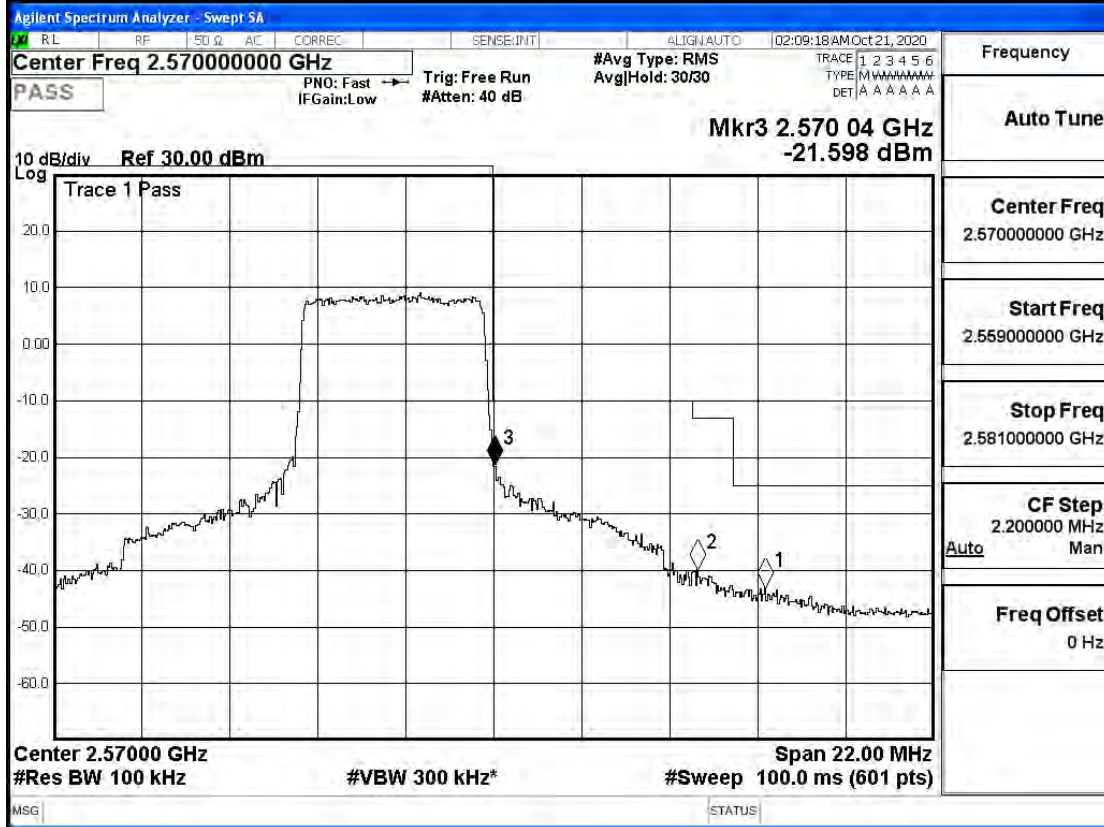


G.4 Band Edge

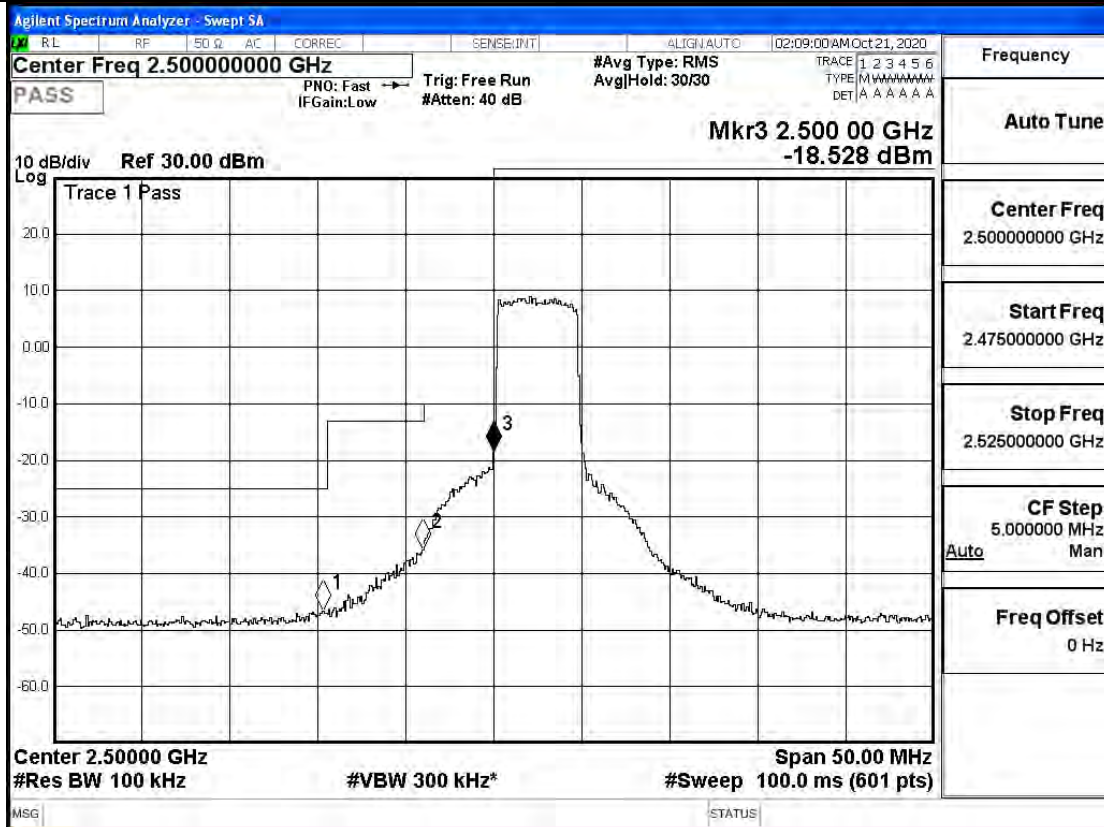
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



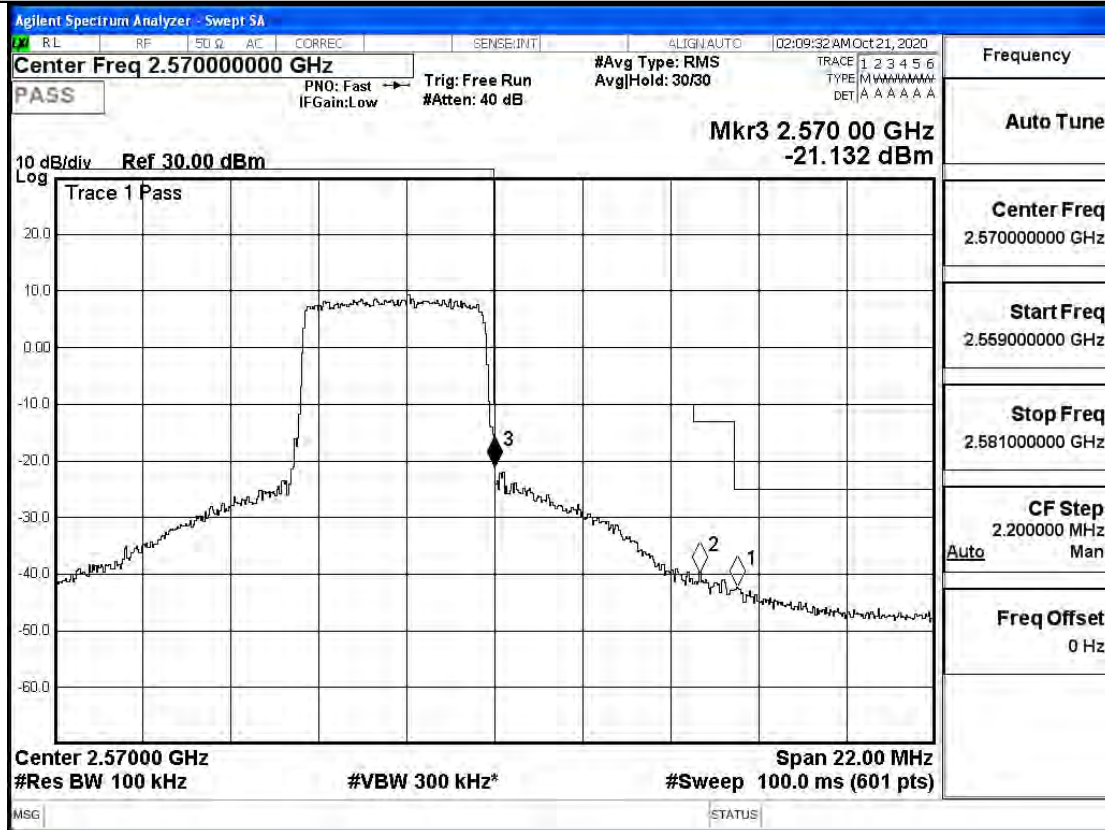
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



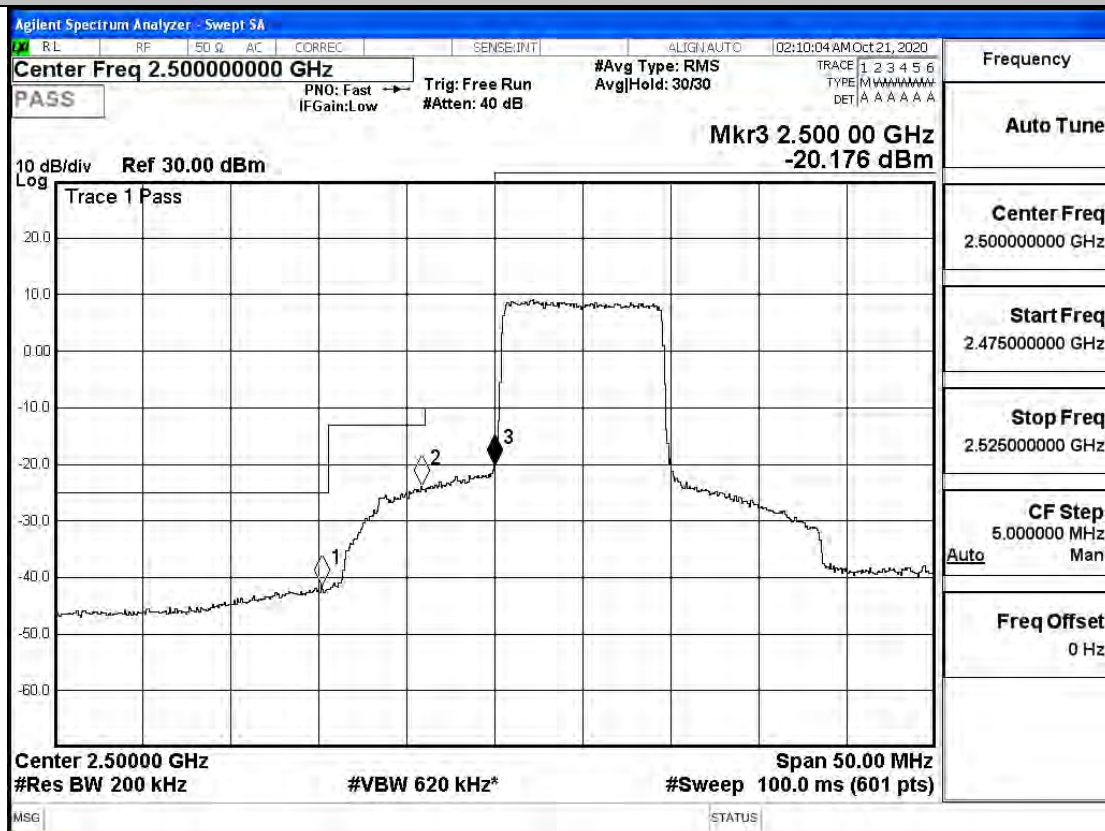
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



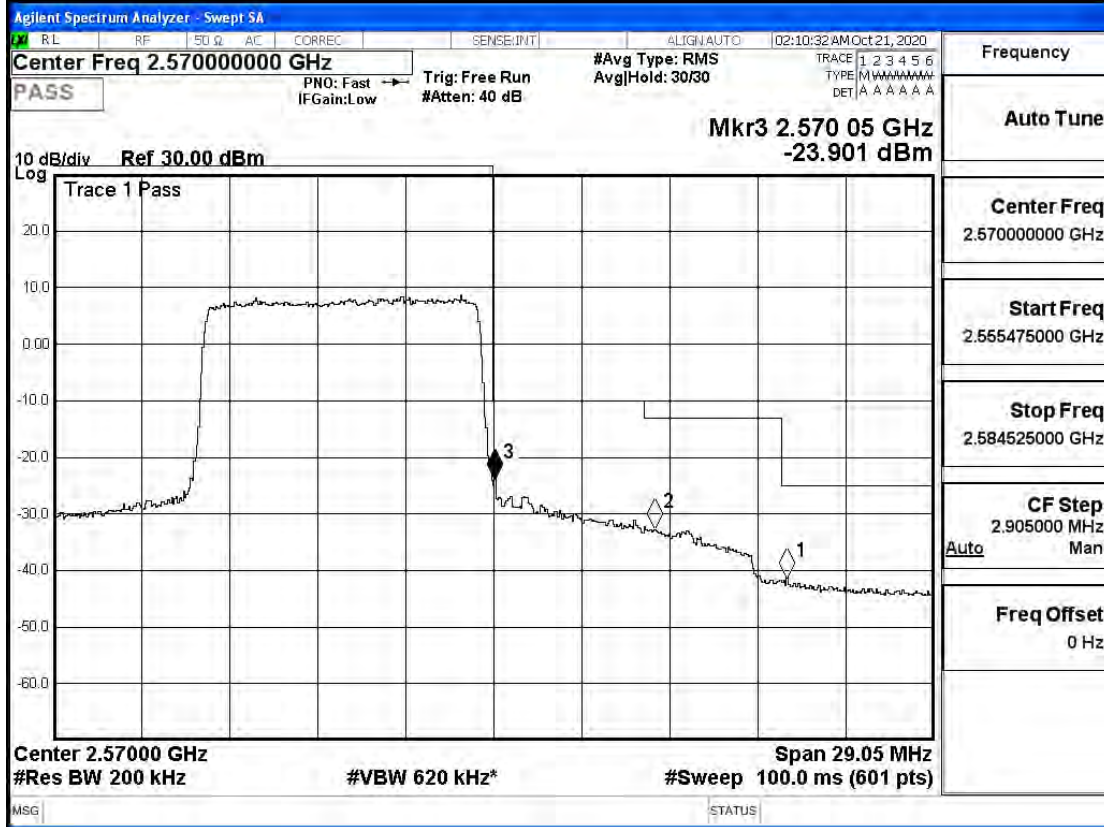
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



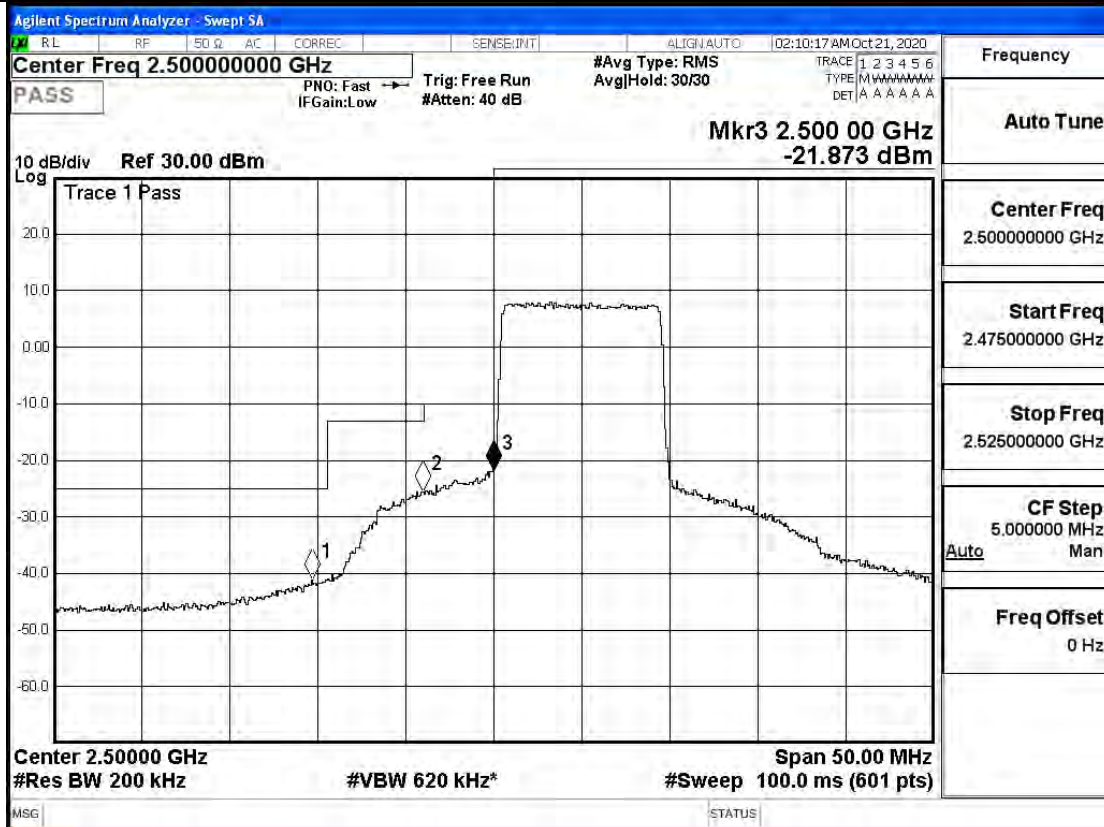
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



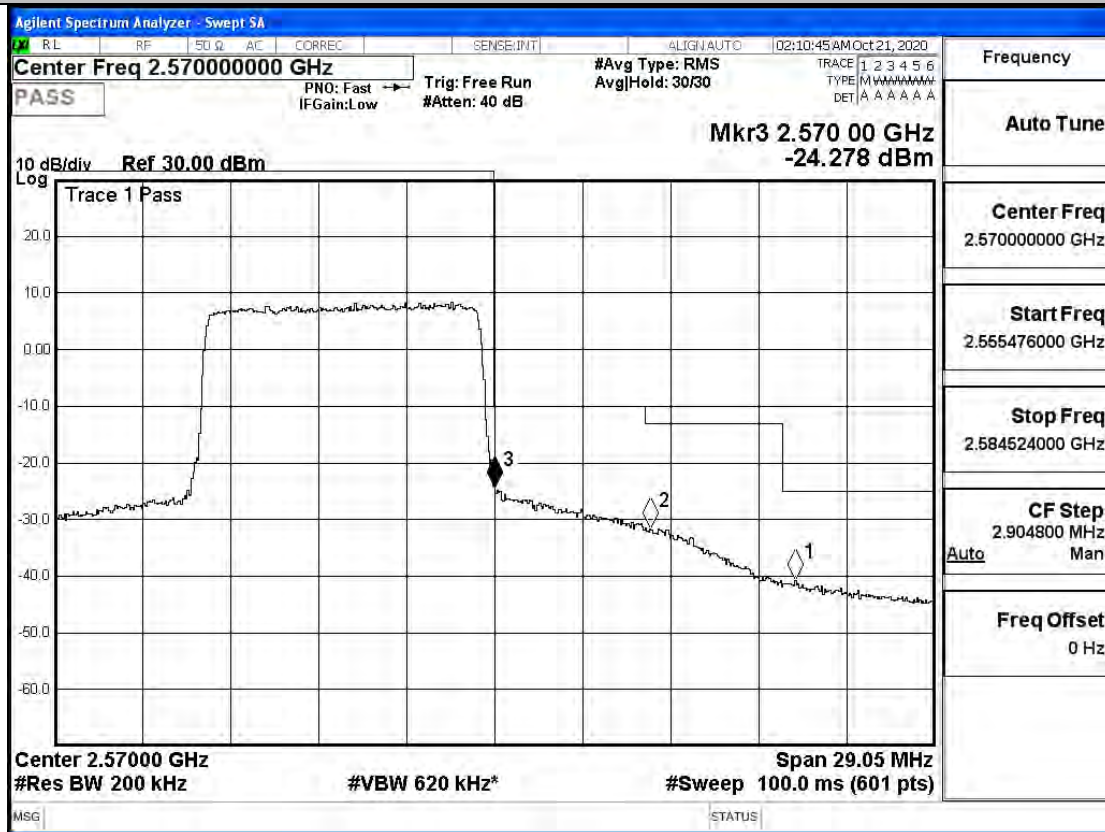
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



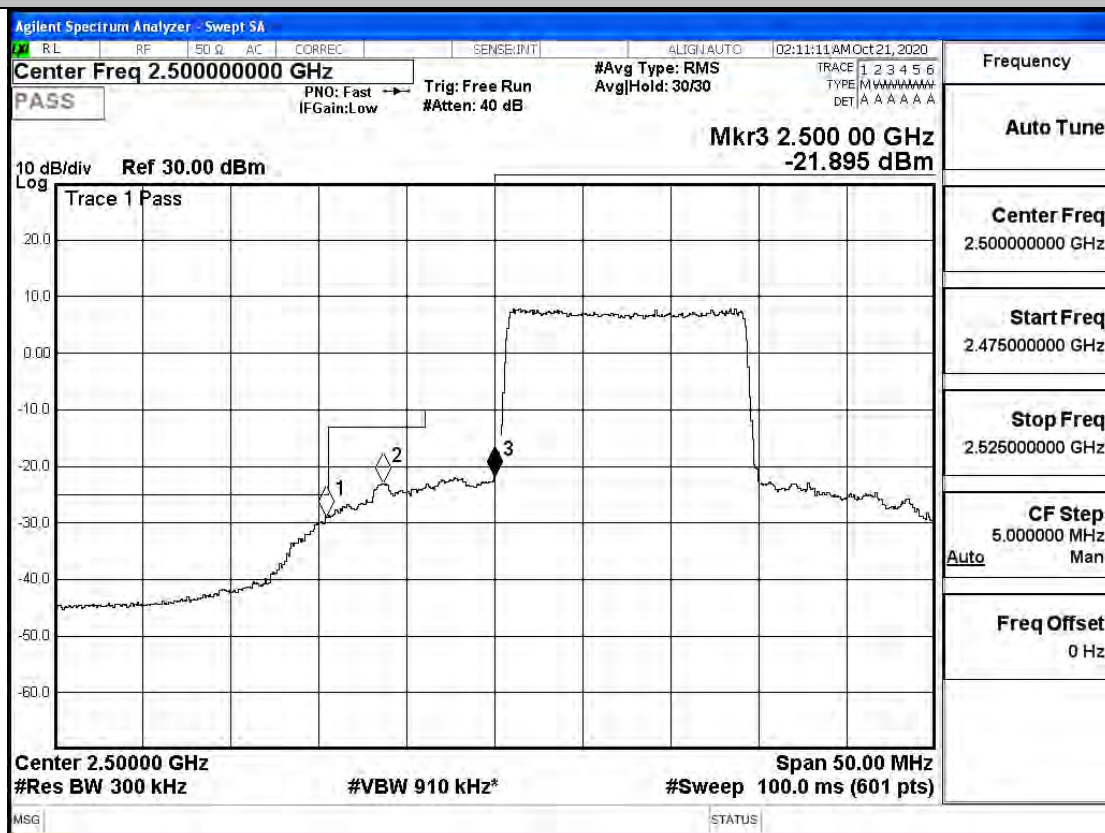
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



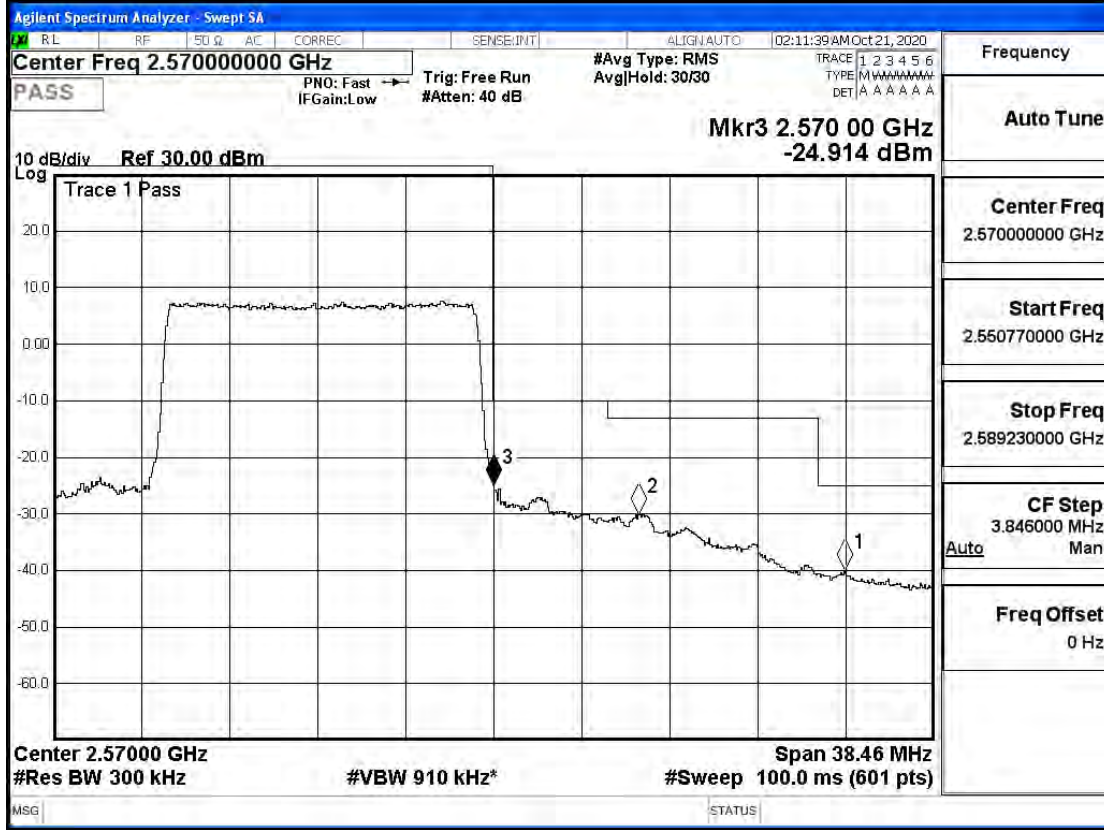
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



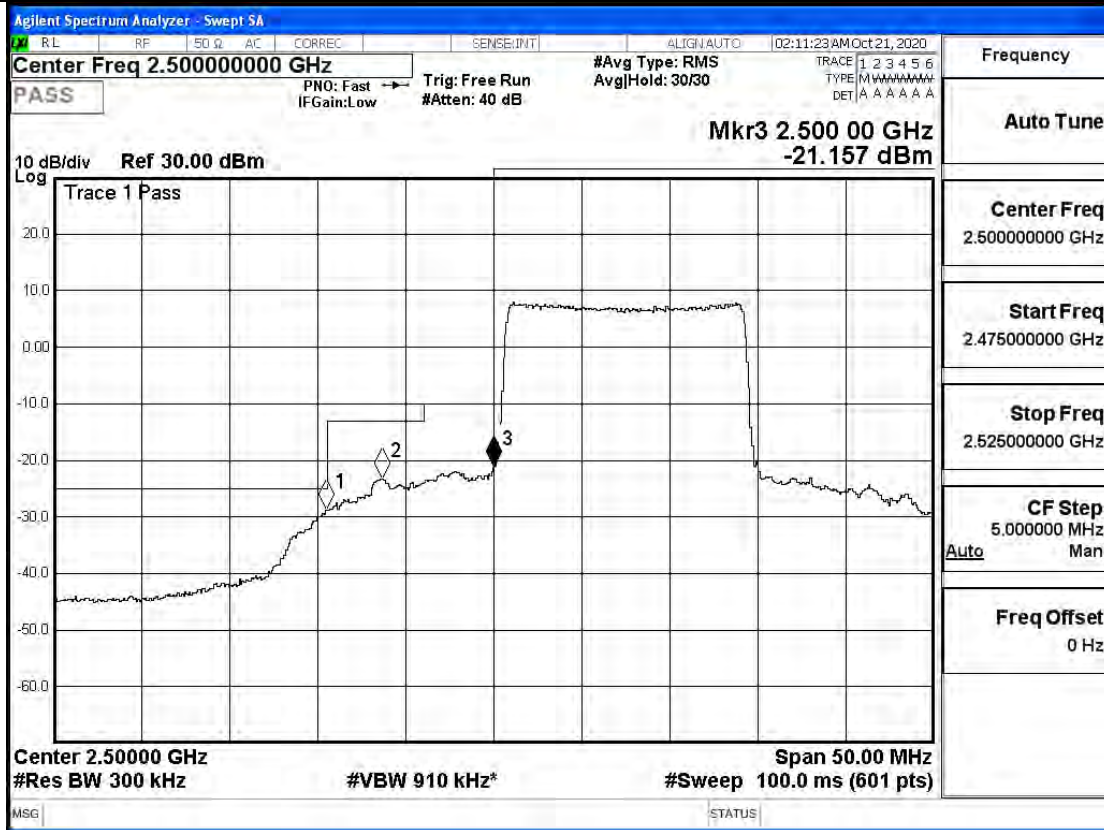
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



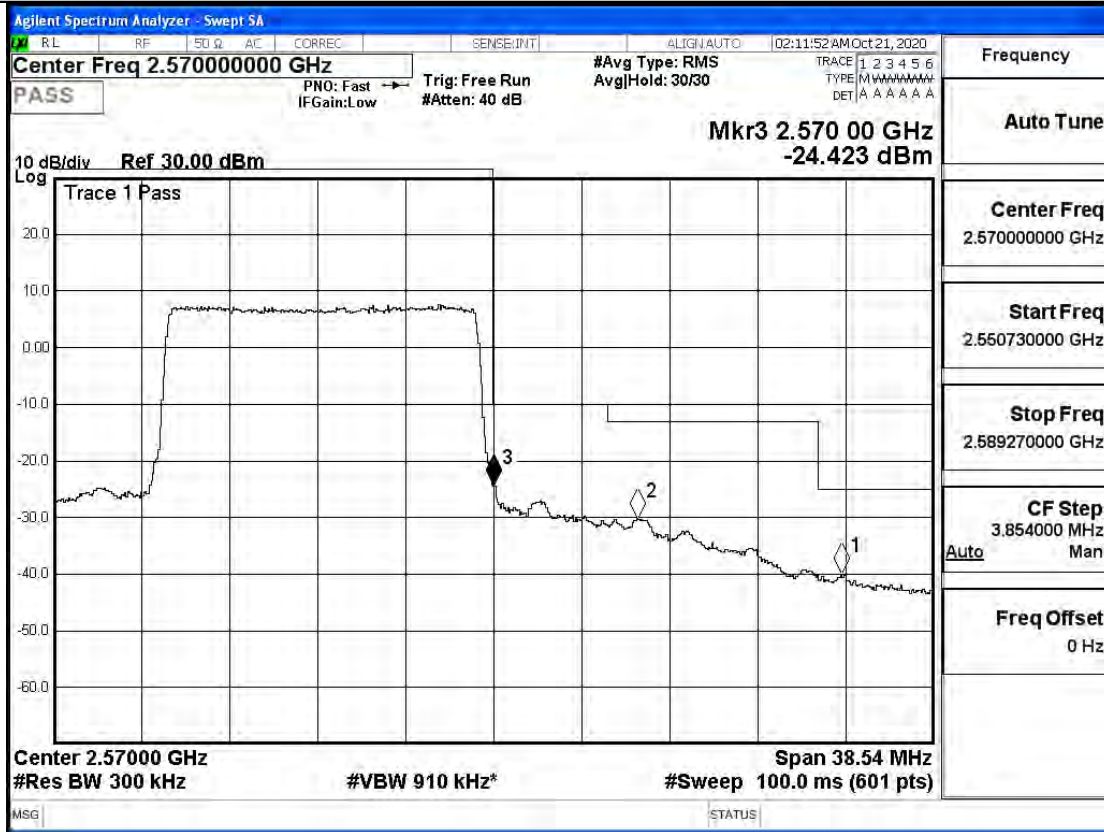
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



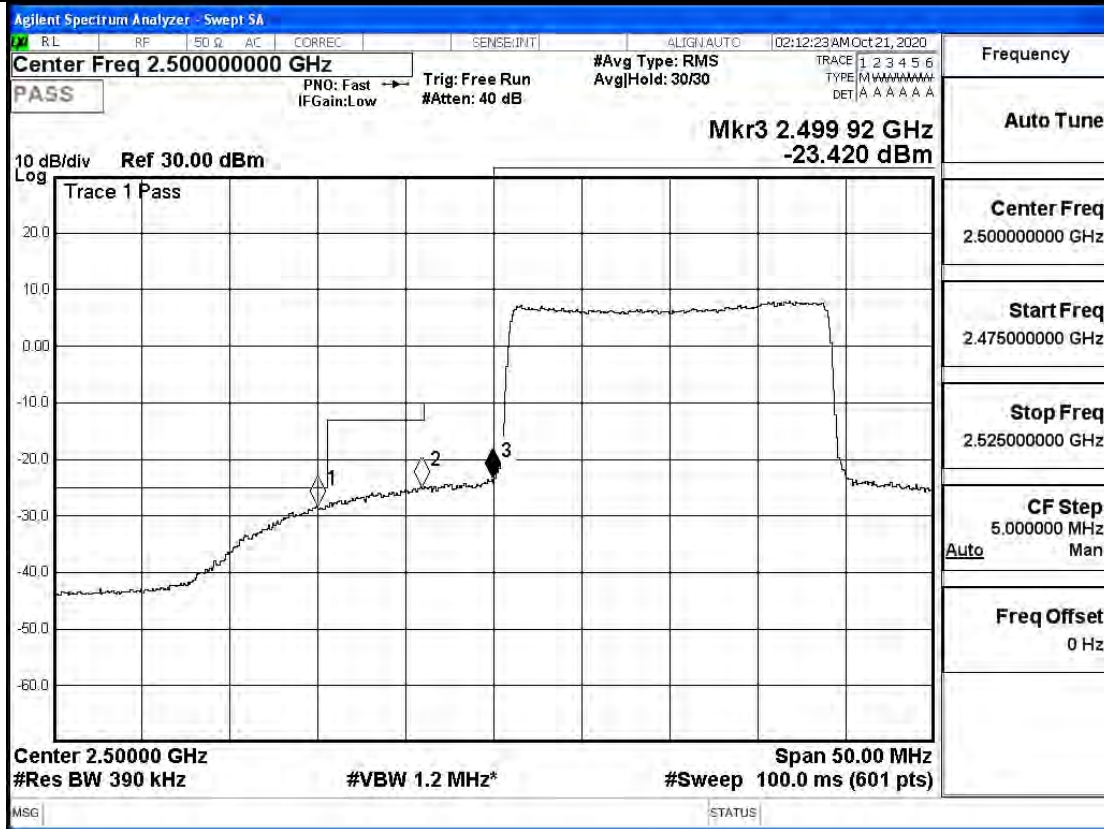
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



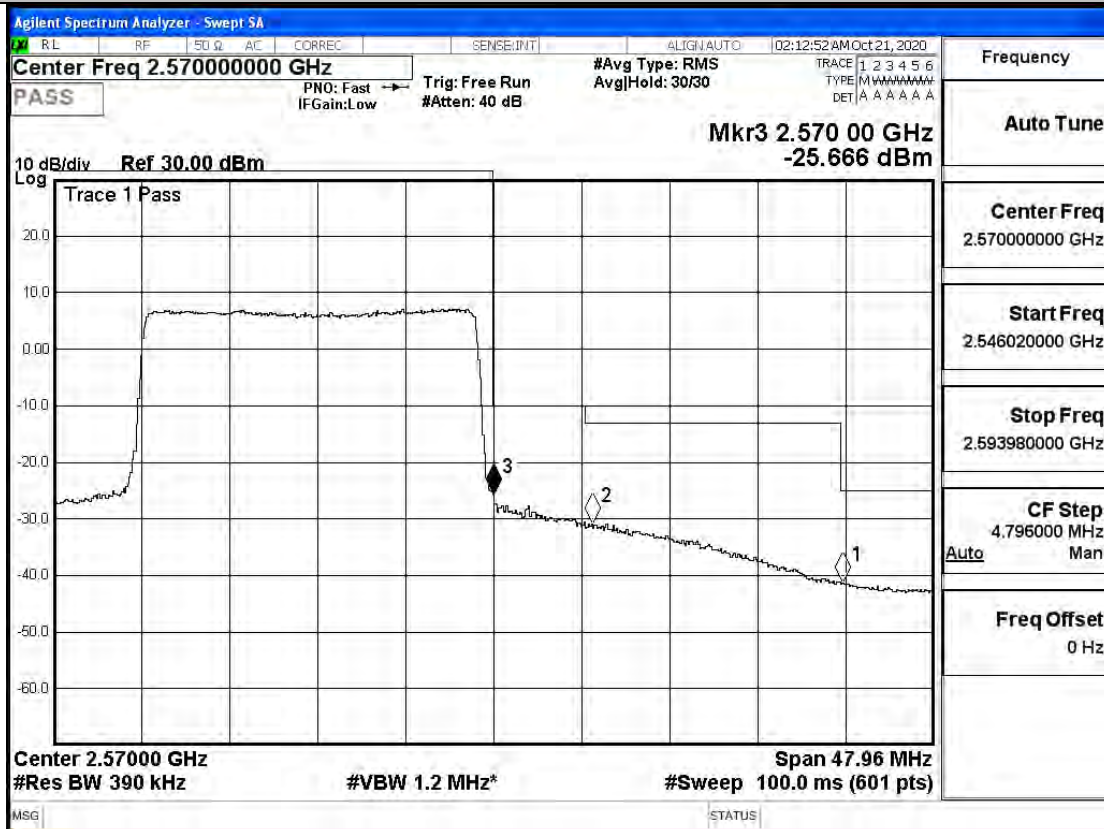
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



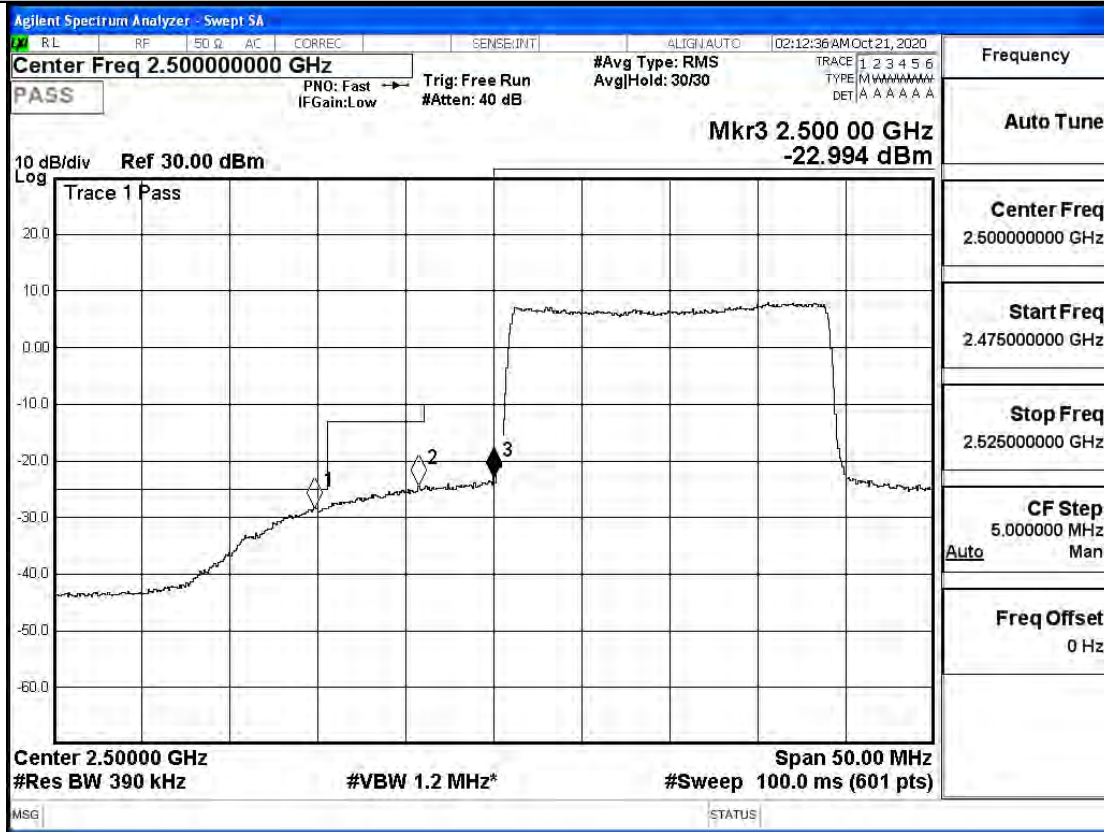
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



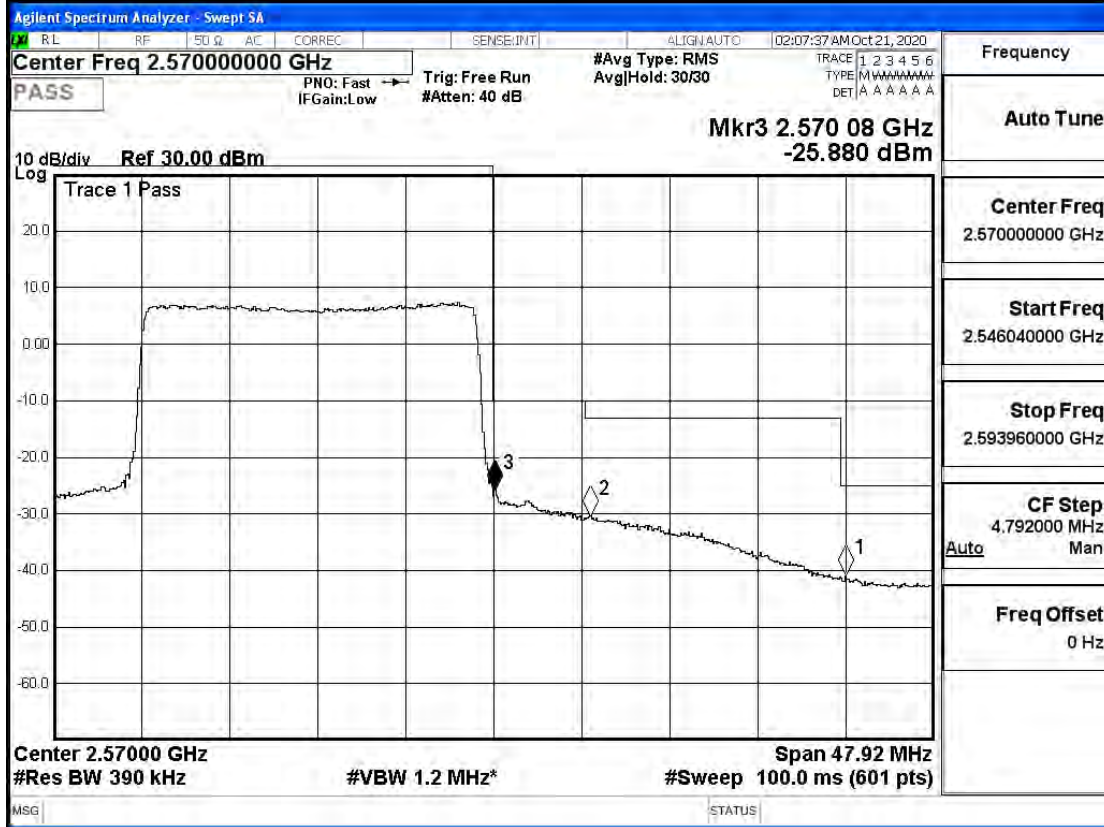
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



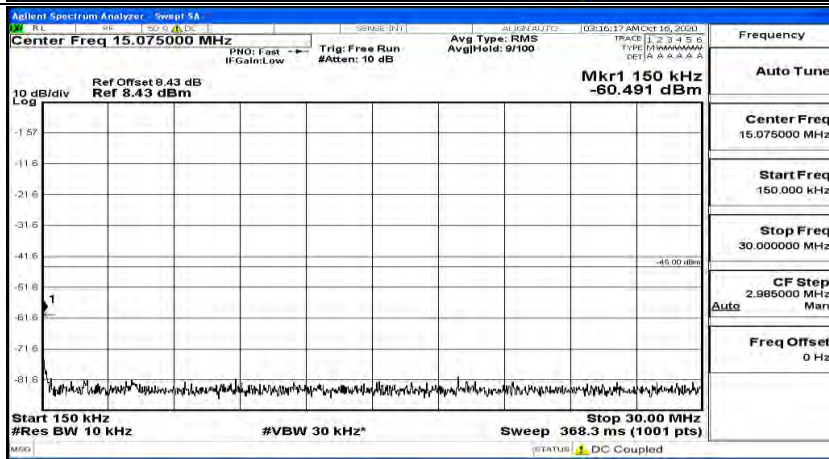
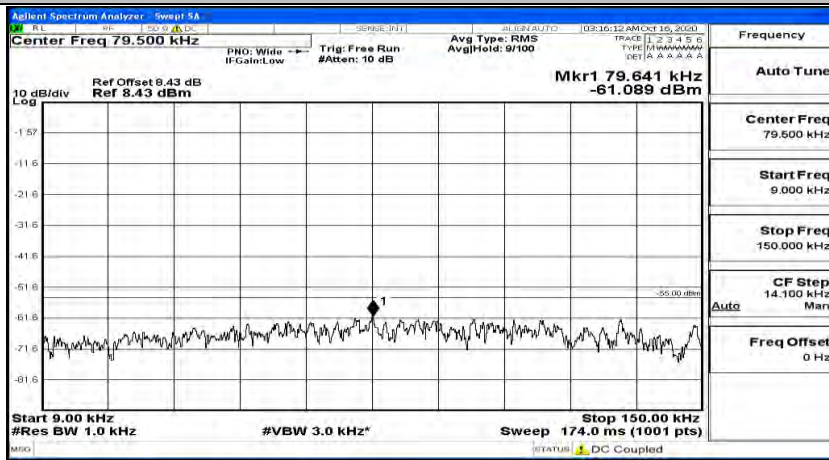
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



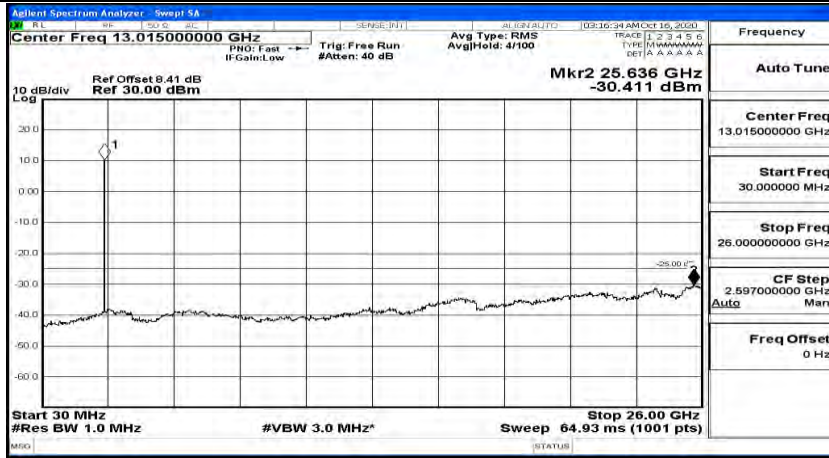
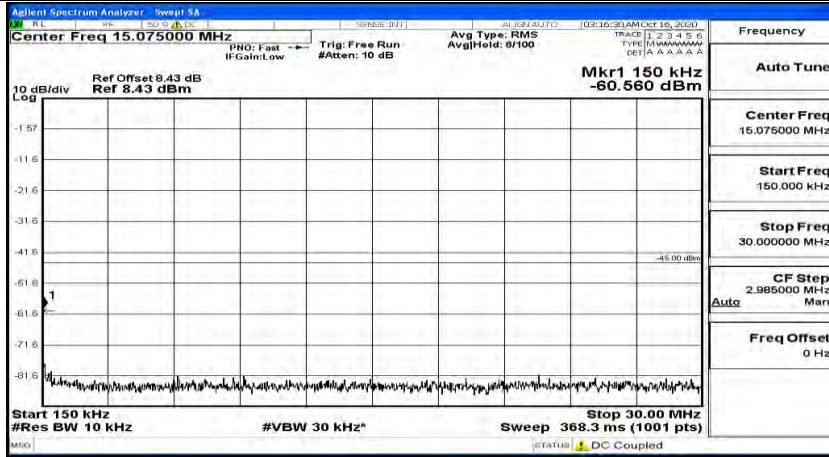
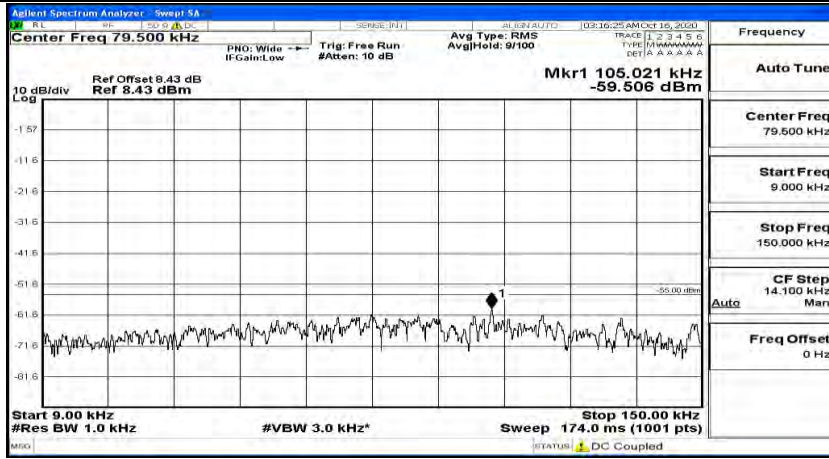
G.5 Conducted Spurious Emission

Channel Bandwidth: 5 MHz

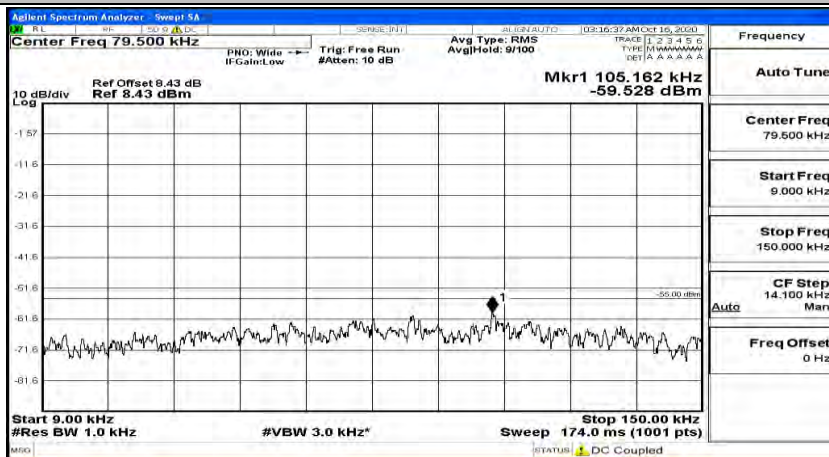
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

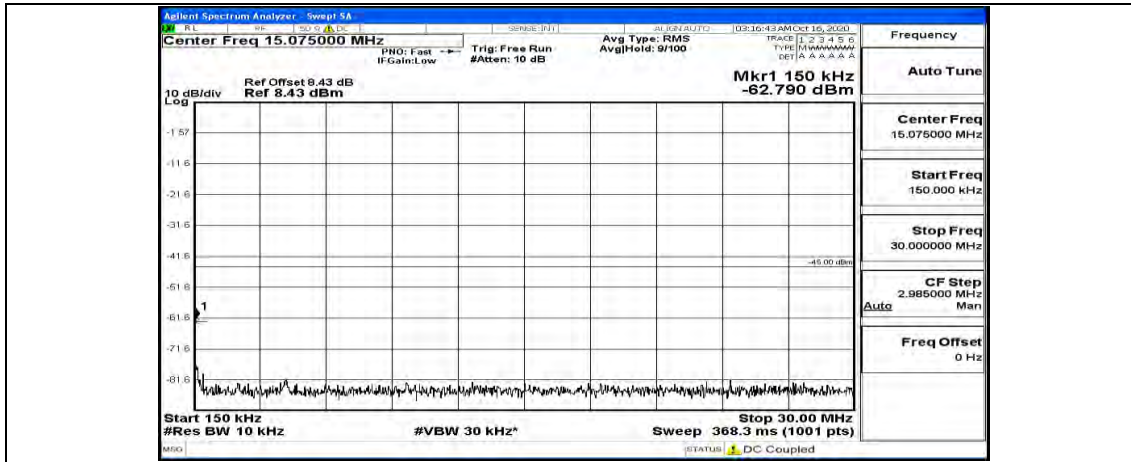


(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

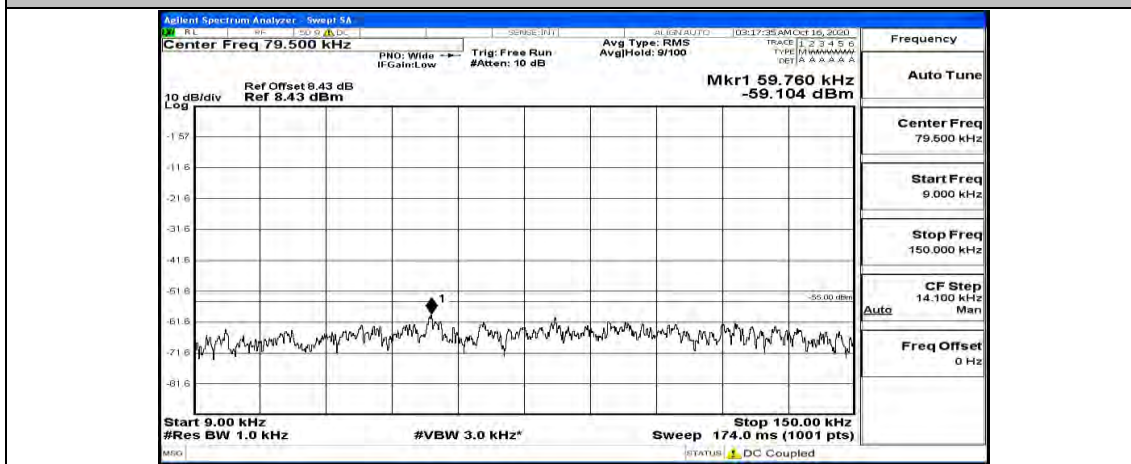


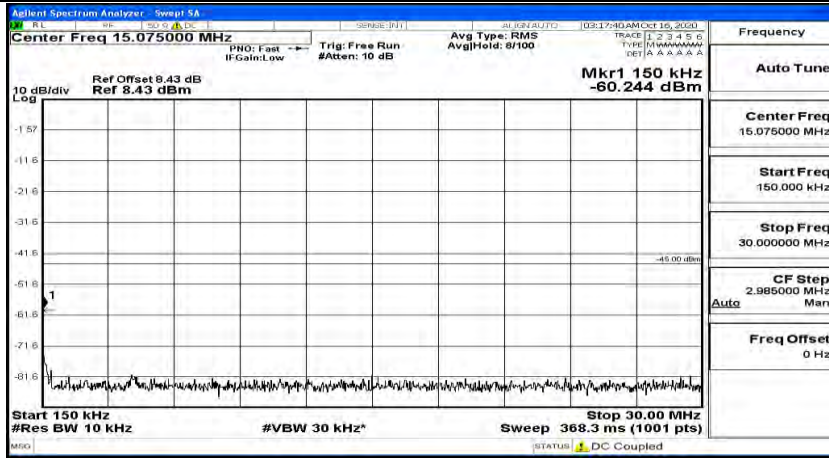
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



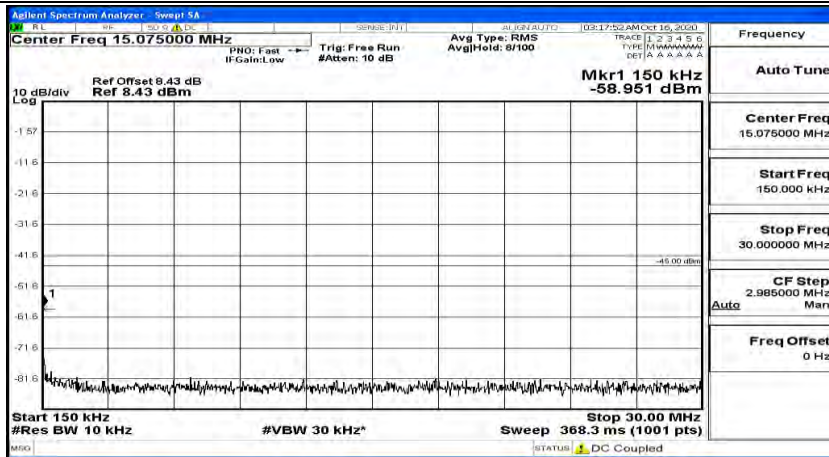
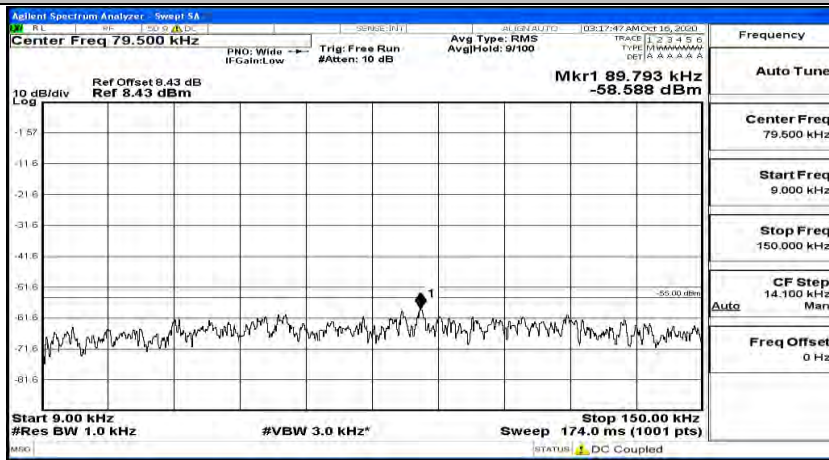


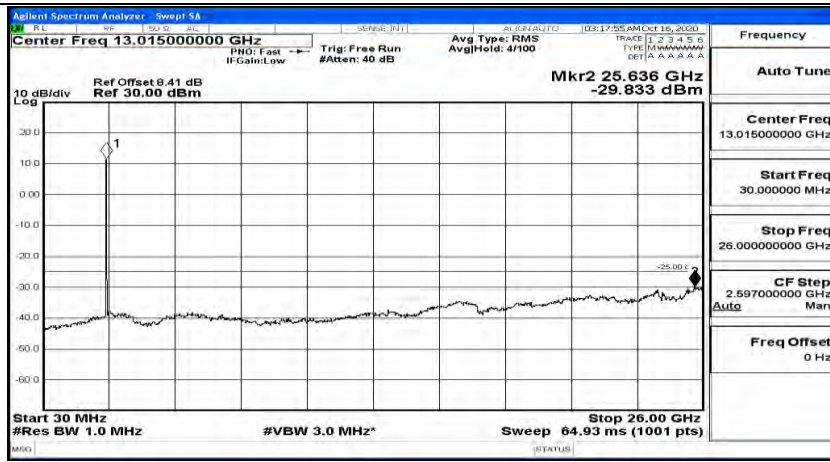
(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#0



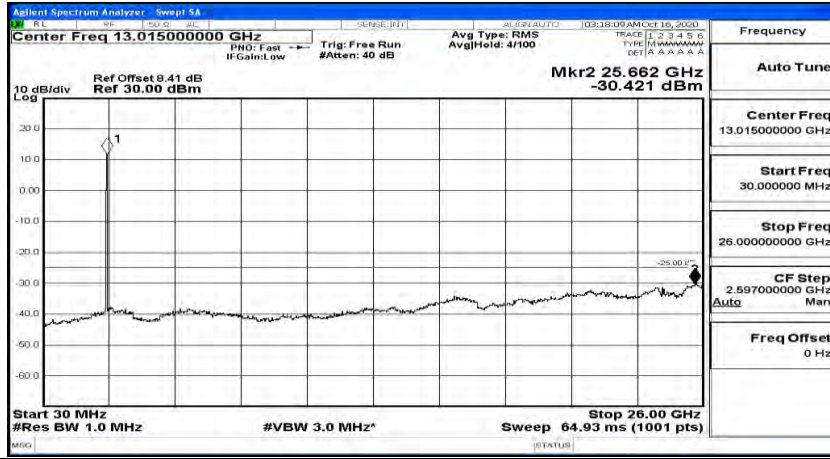
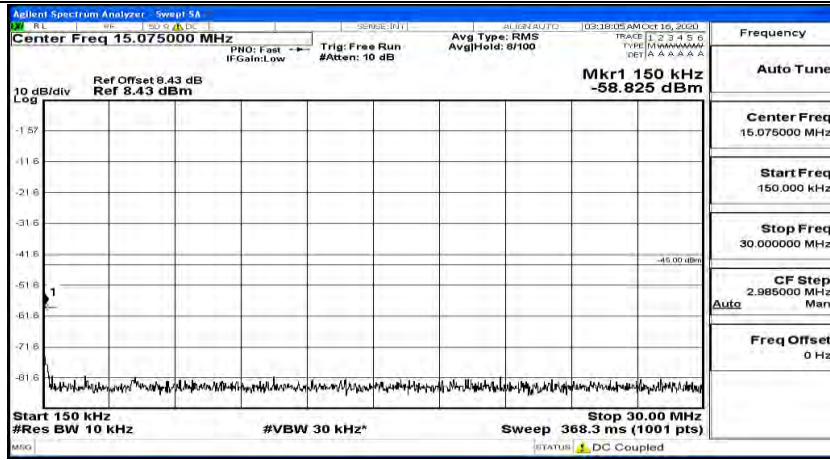
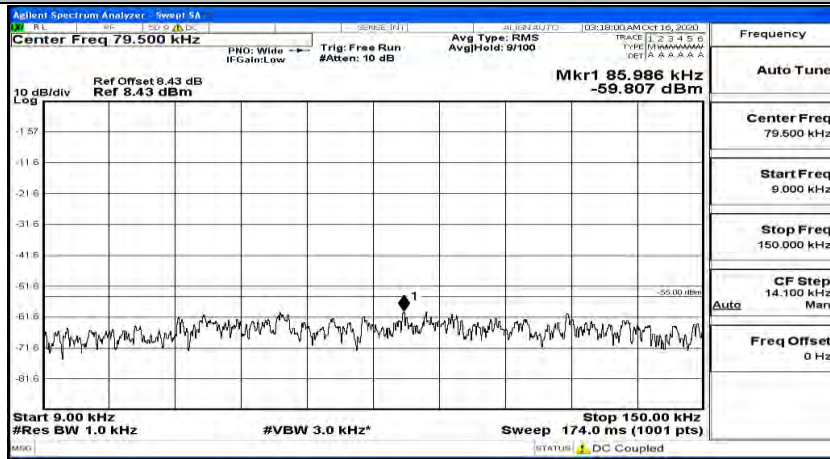


(Channel Bandwidth: 5 MHz) MCH_QPSK_1RB#12

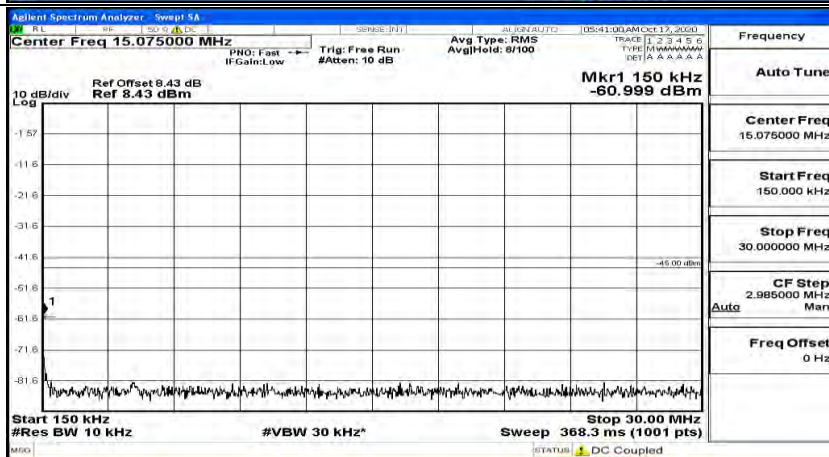
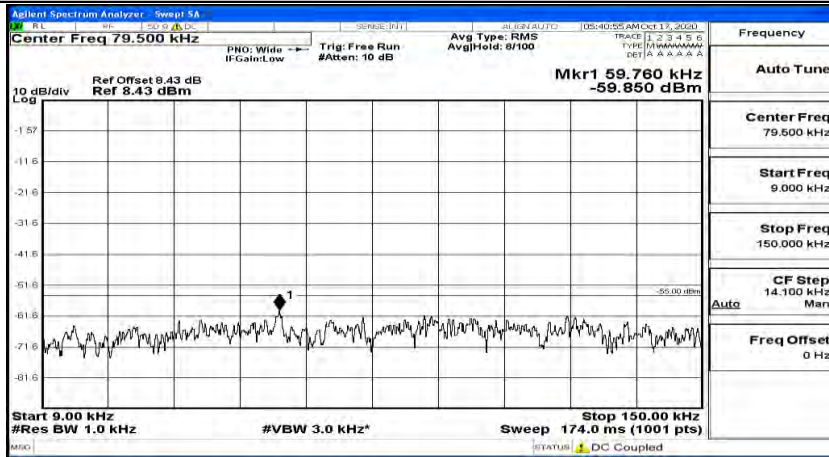




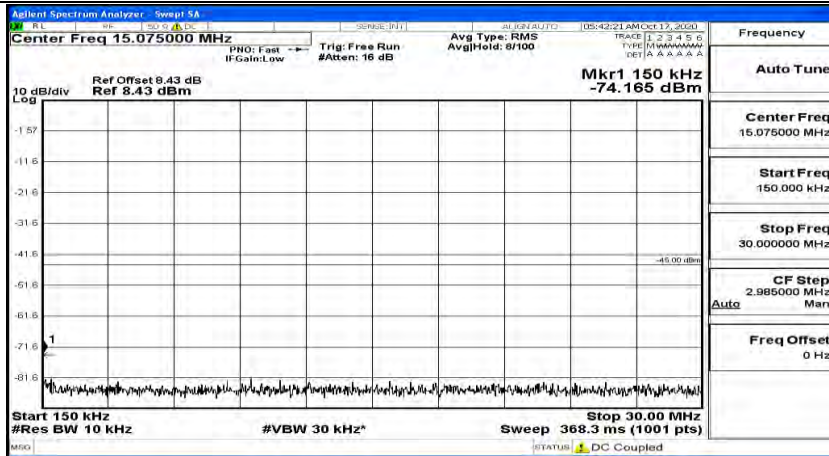
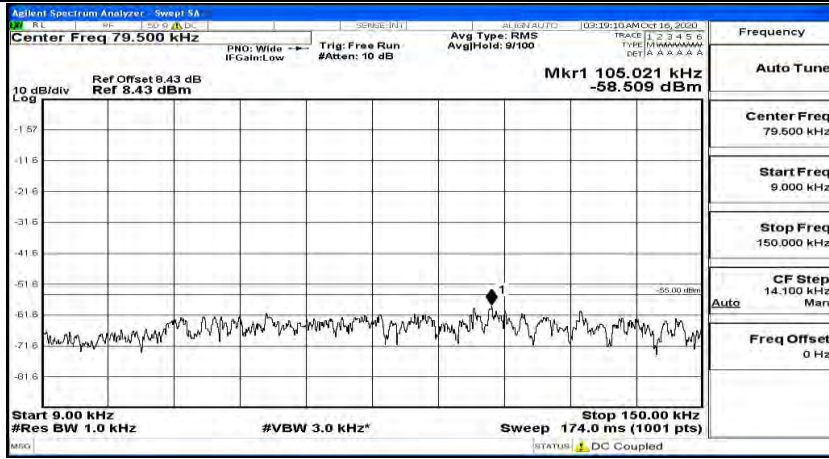
(Channel Bandwidth: 5 MHz) MCH_QPSK_1RB#24



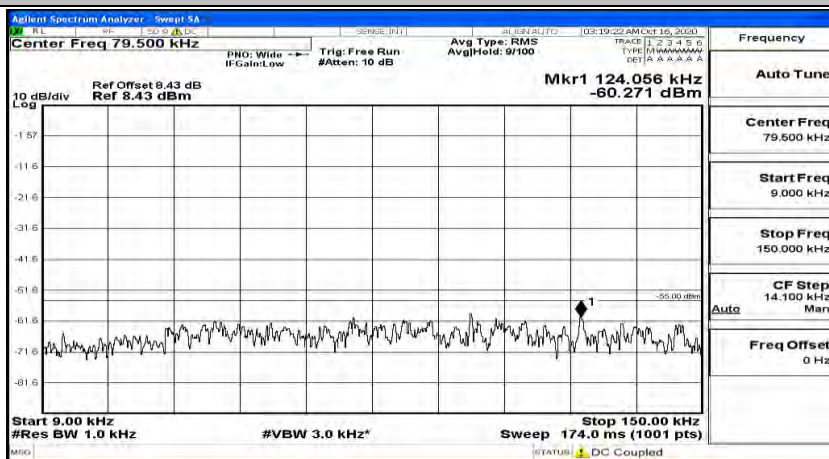
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

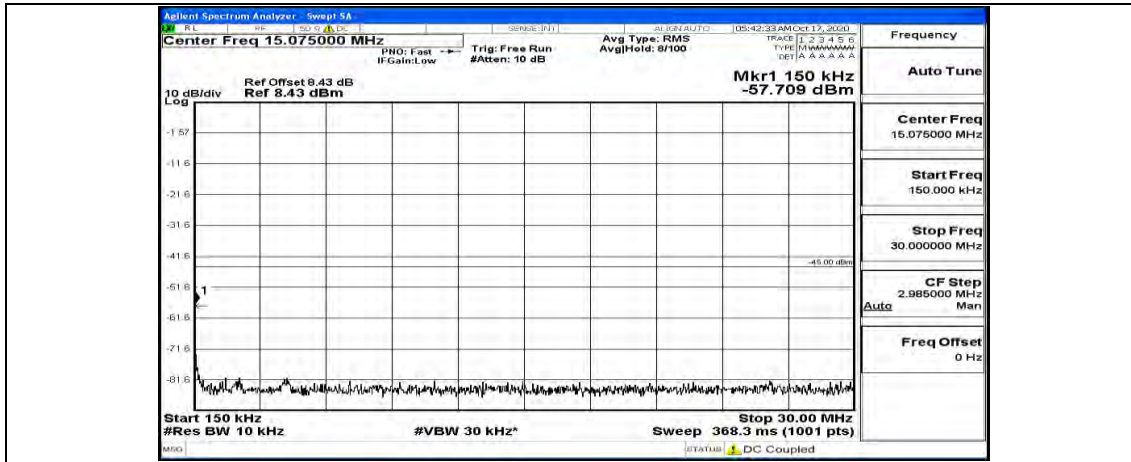


(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12

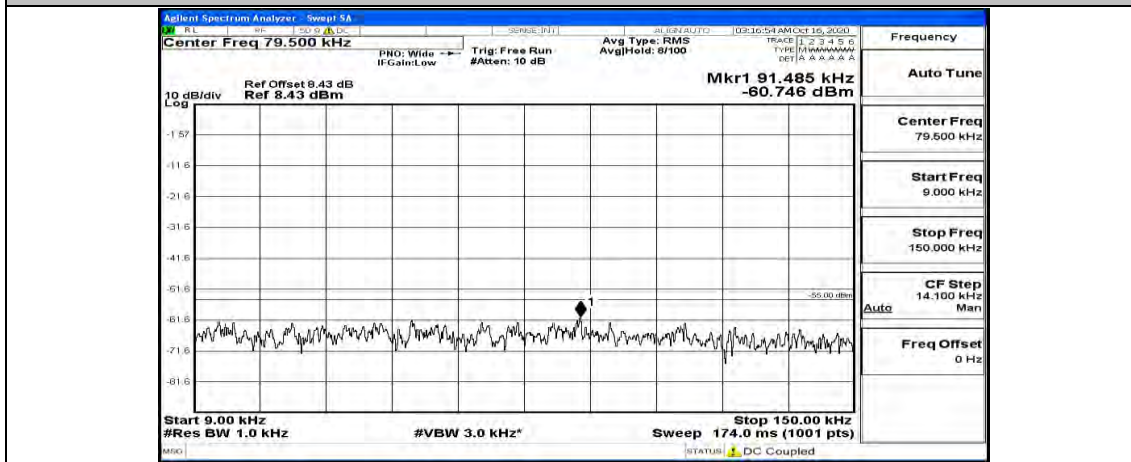


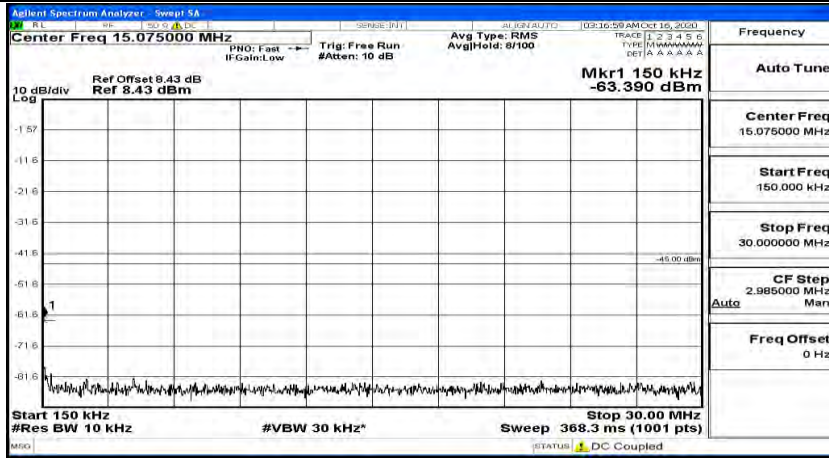
(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24





(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0





(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

