

Appendix A: Test Data for E-UTRA Band 2

Product Name: LTE GSM/WCDMA Smartphone

Trade Mark: DOOGEE

Test Model: S70

Environmental Conditions

Temperature:	23.6
Relative Humidity:	52.1
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden Zhuo

A.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	20.50	19.80	PASS
		1	3	20.62	19.95	PASS
		1	5	20.47	19.76	PASS
		3	0	20.57	19.79	PASS
		3	2	20.63	19.78	PASS
		3	3	20.57	19.76	PASS
		6	0	19.53	18.51	PASS
	MCH	1	0	20.45	19.79	PASS
		1	3	20.49	19.96	PASS
		1	5	20.41	19.78	PASS
		3	0	20.42	19.42	PASS
		3	2	20.41	19.54	PASS
		3	3	20.43	19.50	PASS
		6	0	19.39	18.31	PASS
	HCH	1	0	20.68	19.94	PASS
		1	3	20.82	20.13	PASS
		1	5	20.70	19.99	PASS
		3	0	20.74	19.82	PASS
		3	2	20.81	19.90	PASS
		3	3	20.81	19.88	PASS
		6	0	19.70	18.85	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	20.59	19.99	PASS
		1	7	20.81	20.17	PASS
		1	14	20.59	19.88	PASS
		8	0	19.58	18.67	PASS
		8	4	19.58	18.70	PASS
		8	7	19.57	18.63	PASS
		15	0	19.58	18.44	PASS
	MCH	1	0	20.40	19.71	PASS
		1	7	20.63	19.90	PASS
		1	14	20.37	19.65	PASS
		8	0	19.38	18.44	PASS
		8	4	19.38	18.44	PASS
		8	7	19.30	18.38	PASS
		15	0	19.34	18.32	PASS
	HCH	1	0	20.60	20.01	PASS
		1	7	20.85	20.22	PASS
		1	14	20.70	20.08	PASS
		8	0	19.64	18.50	PASS
		8	4	19.59	18.61	PASS
		8	7	19.66	18.47	PASS
		15	0	19.49	18.31	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	20.09	19.45	PASS
		1	12	20.47	19.79	PASS
		1	24	19.97	19.39	PASS
		12	0	19.05	18.30	PASS
		12	6	19.09	18.31	PASS
		12	13	19.03	18.22	PASS
		25	0	19.11	18.14	PASS
	MCH	1	0	19.87	19.23	PASS
		1	12	20.13	19.63	PASS
		1	24	19.85	19.26	PASS
		12	0	19.14	18.44	PASS
		12	6	19.24	18.50	PASS
		12	13	19.15	18.50	PASS
		25	0	19.44	18.34	PASS
	HCH	1	0	20.34	19.12	PASS
		1	12	20.57	19.50	PASS
		1	24	20.08	19.15	PASS
		12	0	19.15	18.19	PASS
		12	6	19.19	18.27	PASS
		12	13	19.02	18.06	PASS
		25	0	19.19	18.15	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	20.04	19.42	PASS
		1	24	20.21	19.54	PASS
		1	49	19.89	19.29	PASS
		25	0	19.08	18.13	PASS
		25	12	19.05	18.08	PASS
		25	25	19.12	18.18	PASS
		50	0	19.09	18.14	PASS
	MCH	1	0	19.97	19.26	PASS
		1	24	20.08	19.38	PASS
		1	49	19.81	19.15	PASS
		25	0	19.03	18.03	PASS
		25	12	20.98	17.92	PASS
		25	25	20.14	17.85	PASS
		50	0	20.77	17.93	PASS
	HCH	1	0	19.98	19.32	PASS
		1	24	20.23	19.64	PASS
		1	49	20.16	19.56	PASS
		25	0	19.07	18.08	PASS
		25	12	19.89	18.13	PASS
		25	25	19.51	18.03	PASS
		50	0	19.37	18.07	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	20.07	19.34	PASS
		1	37	20.21	19.49	PASS
		1	74	19.92	19.22	PASS
		37	0	19.02	18.01	PASS
		37	18	18.99	18.02	PASS
		37	38	19.02	18.02	PASS
		75	0	19.03	18.11	PASS
	MCH	1	0	19.91	19.17	PASS
		1	37	20.12	19.40	PASS
		1	74	19.72	19.05	PASS
		37	0	20.69	17.98	PASS
		37	18	20.74	17.89	PASS
		37	38	20.91	17.78	PASS
		75	0	20.43	17.87	PASS
	HCH	1	0	19.79	19.10	PASS
		1	37	20.17	19.53	PASS
		1	74	20.09	19.41	PASS
		37	0	20.36	17.87	PASS
		37	18	19.03	18.07	PASS
		37	38	19.04	18.05	PASS
		75	0	20.72	17.96	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	20.08	19.30	PASS
		1	49	20.32	19.49	PASS
		1	99	19.96	19.17	PASS
		50	0	18.93	17.93	PASS
		50	25	19.03	17.98	PASS
		50	50	19.11	18.10	PASS
		100	0	19.04	17.99	PASS
	MCH	1	0	20.00	19.16	PASS
		1	49	20.19	19.36	PASS
		1	99	19.69	18.92	PASS
		50	0	20.97	17.92	PASS
		50	25	20.64	17.95	PASS
		50	50	20.49	17.70	PASS
		100	0	20.17	17.85	PASS
	HCH	1	0	20.95	19.19	PASS
		1	49	20.20	19.56	PASS
		1	99	20.08	19.47	PASS
		50	0	20.96	17.82	PASS
		50	25	20.74	18.01	PASS
		50	50	20.88	17.92	PASS
		100	0	20.89	17.89	PASS

A.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	5.99	<13	PASS
	MCH	5.72	<13	PASS
	HCH	5.65	<13	PASS
16QAM	LCH	7.01	<13	PASS
	MCH	6.7	<13	PASS
	HCH	6.57	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.91	<13	PASS
	MCH	5.79	<13	PASS
	HCH	5.81	<13	PASS
16QAM	LCH	6.82	<13	PASS
	MCH	6.66	<13	PASS
	HCH	6.48	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	6.04	<13	PASS
	MCH	5.84	<13	PASS
	HCH	5.71	<13	PASS
16QAM	LCH	6.81	<13	PASS
	MCH	6.59	<13	PASS
	HCH	6.47	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.97	<13	PASS
	MCH	5.75	<13	PASS
	HCH	5.68	<13	PASS
16QAM	LCH	6.69	<13	PASS
	MCH	6.45	<13	PASS
	HCH	6.42	<13	PASS

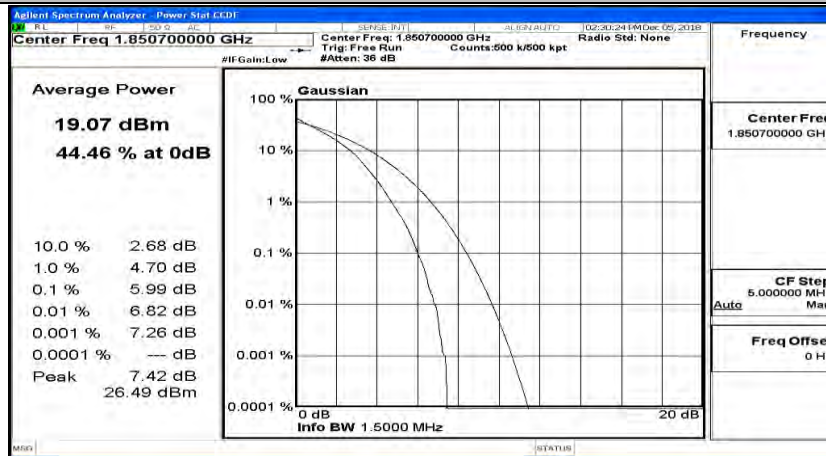
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.07	<13	PASS
	MCH	4.99	<13	PASS
	HCH	4.94	<13	PASS
16QAM	LCH	6.44	<13	PASS
	MCH	6.3	<13	PASS
	HCH	6.28	<13	PASS

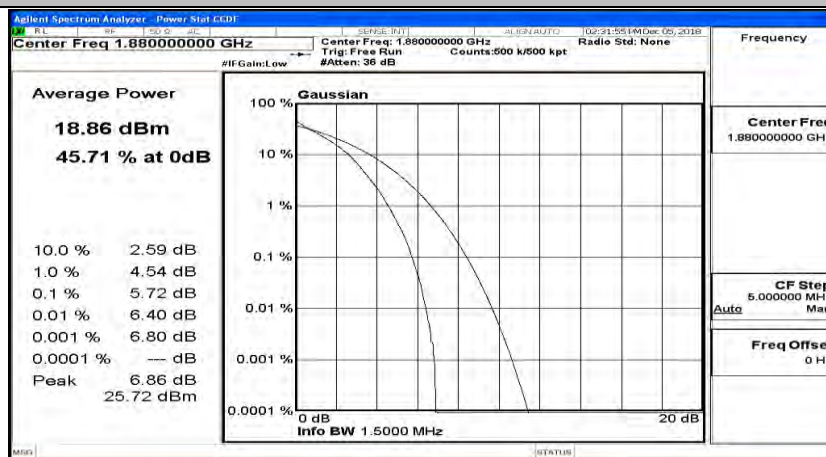
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.71	<13	PASS
	MCH	5.69	<13	PASS
	HCH	5.76	<13	PASS
16QAM	LCH	6.89	<13	PASS
	MCH	6.81	<13	PASS
	HCH	6.73	<13	PASS

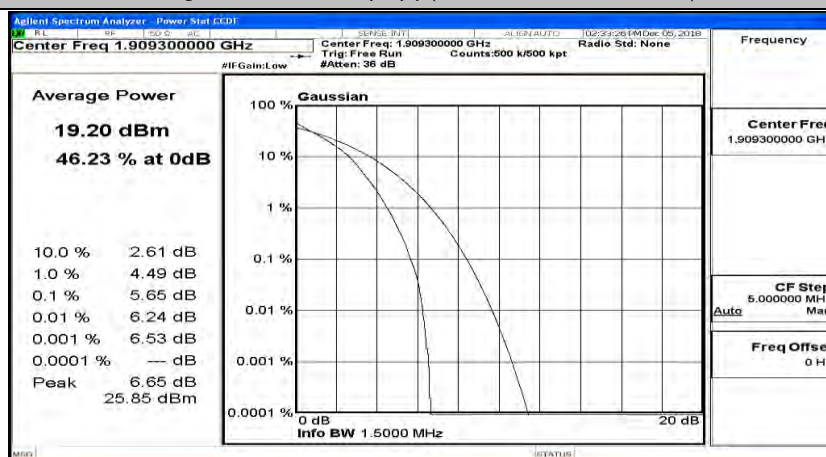
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



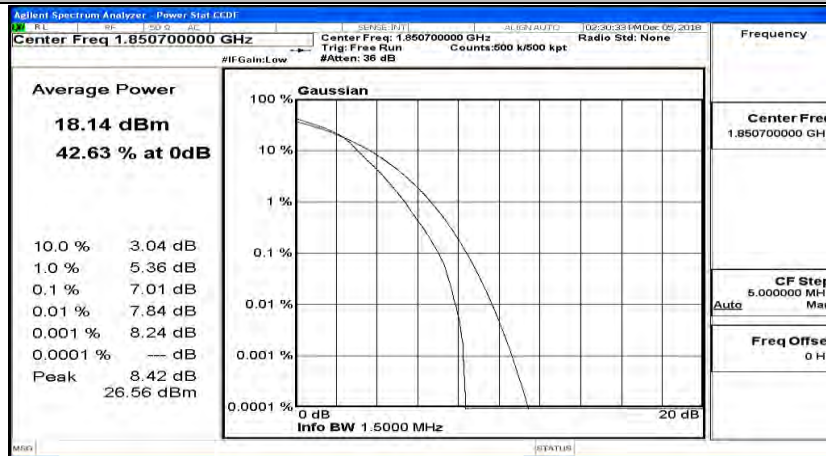
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



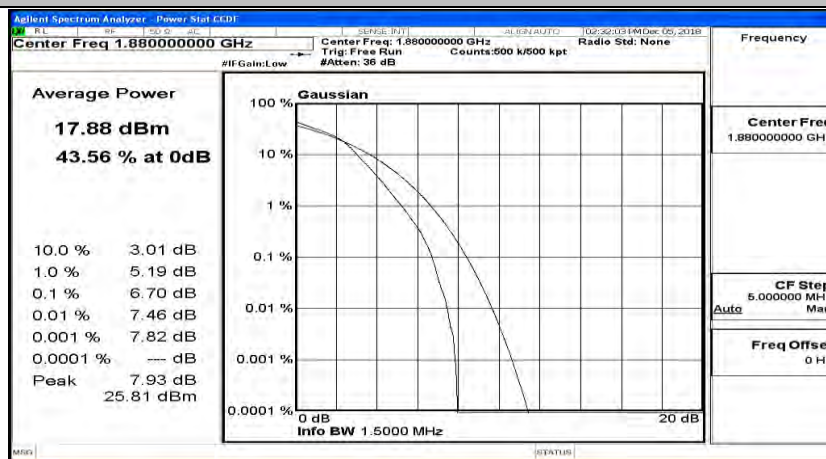
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



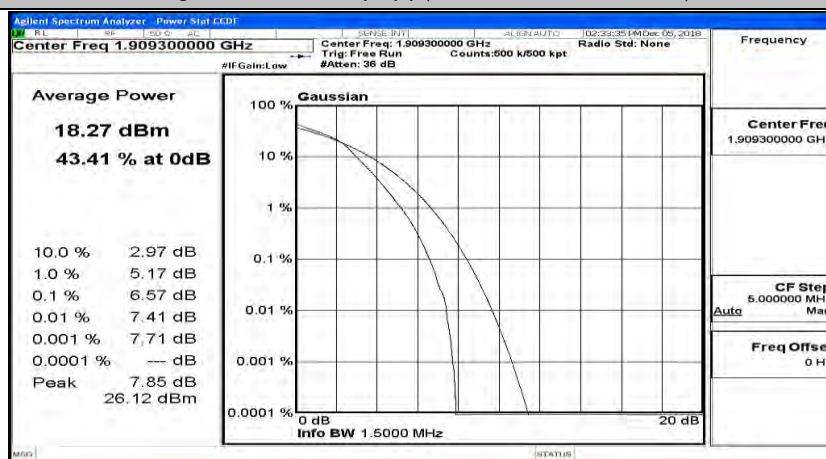
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



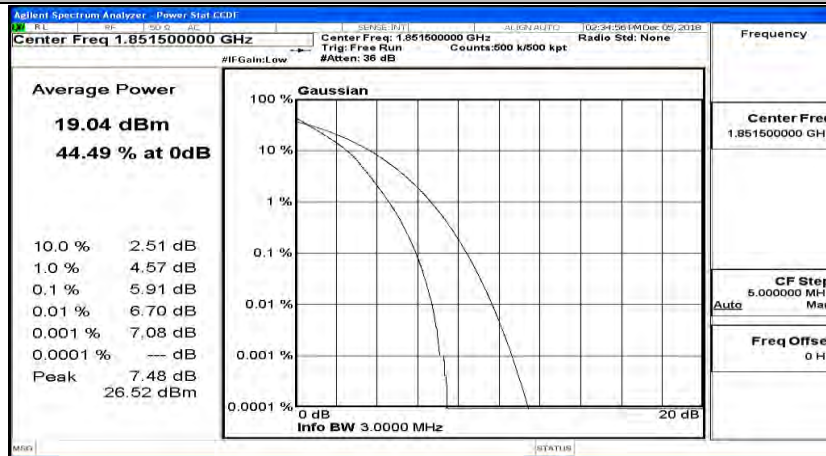
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



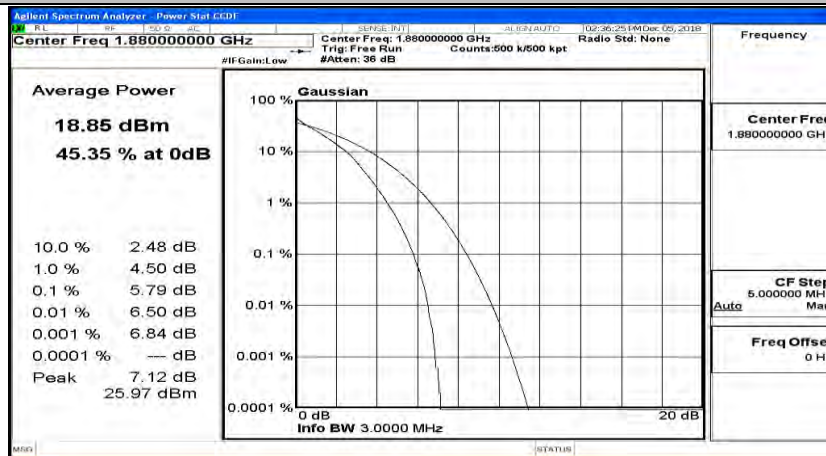
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



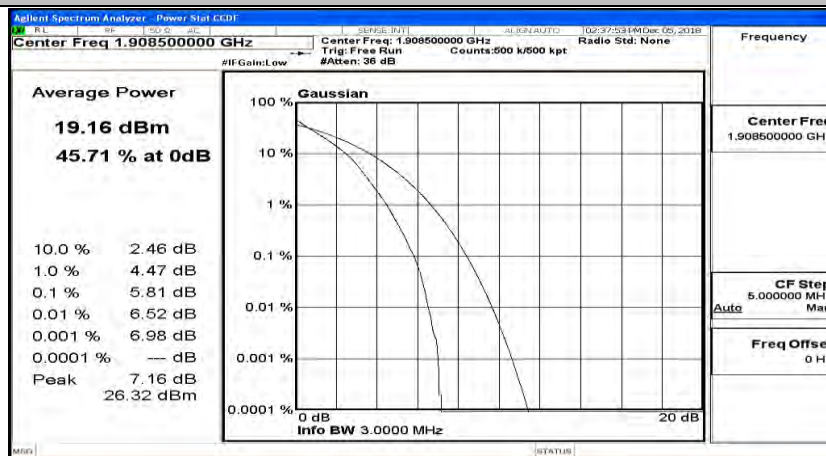
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



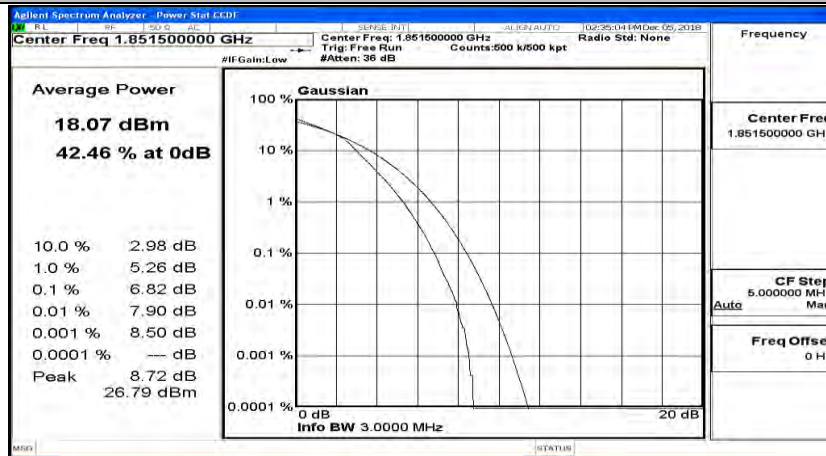
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



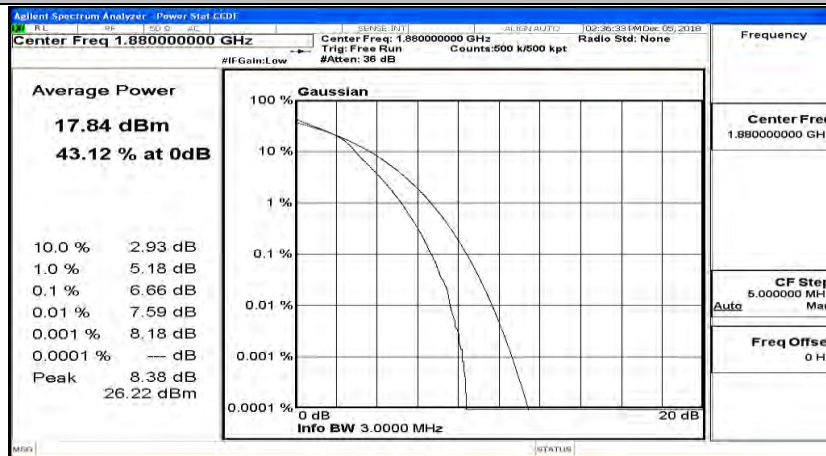
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



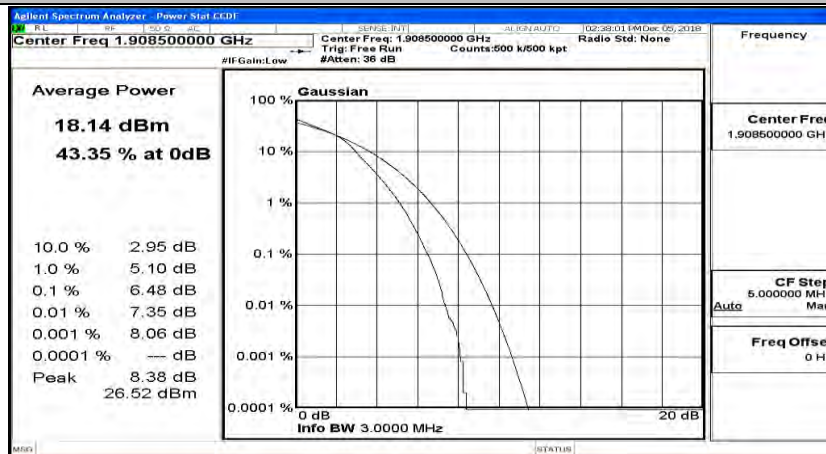
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



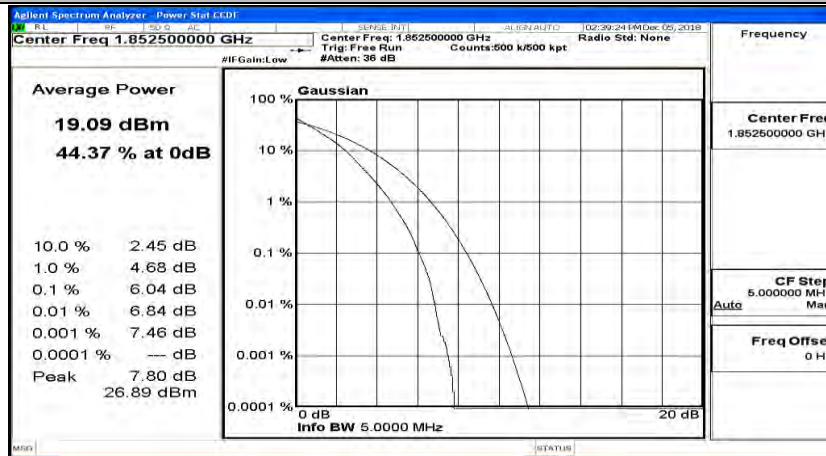
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



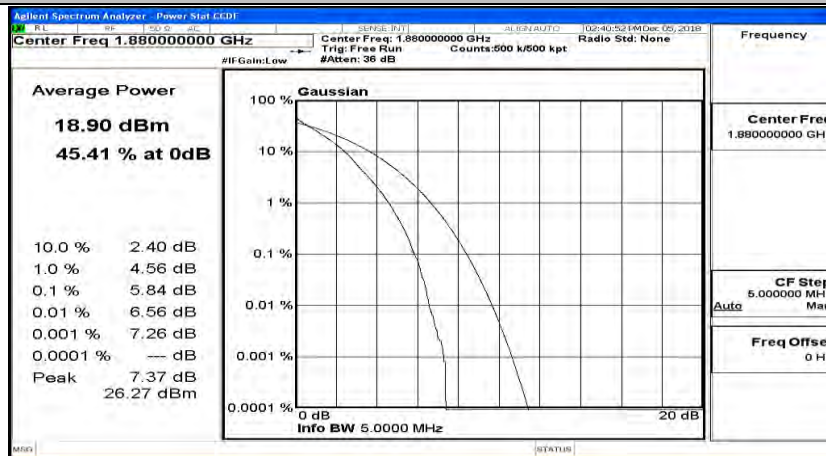
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



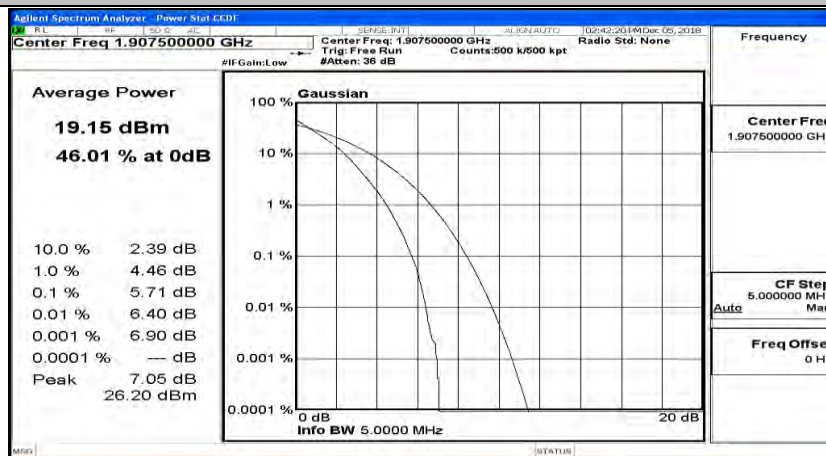
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



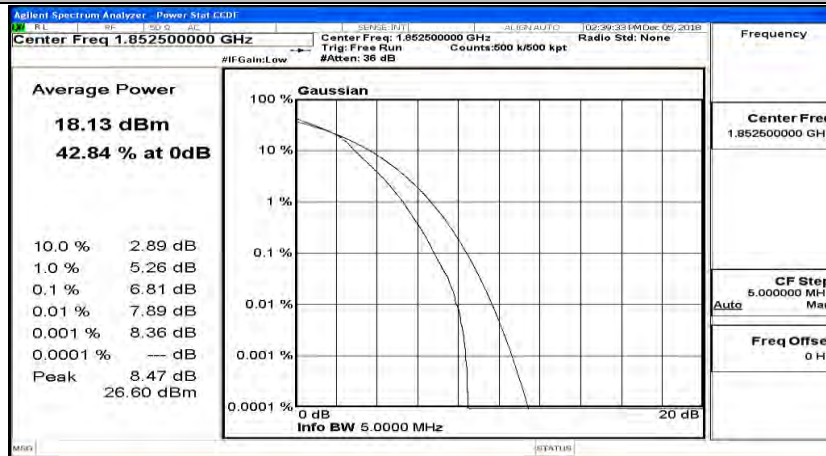
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



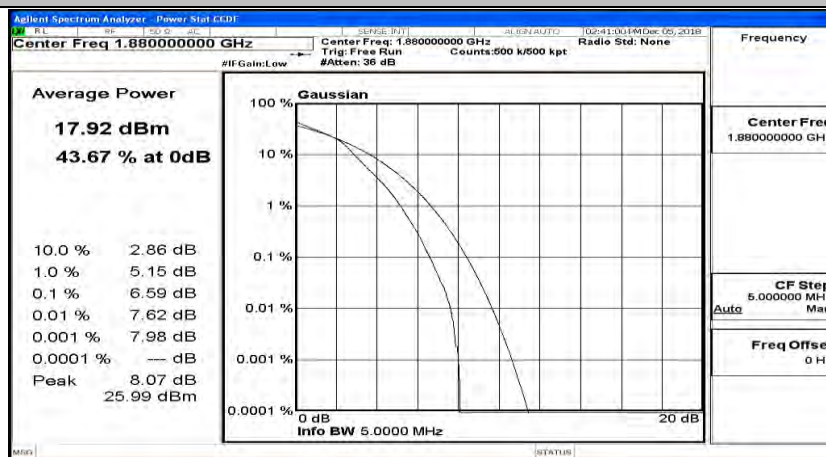
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



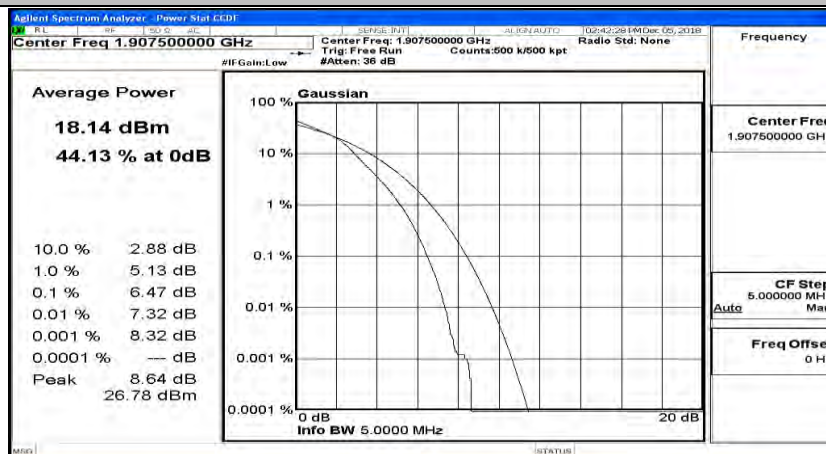
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



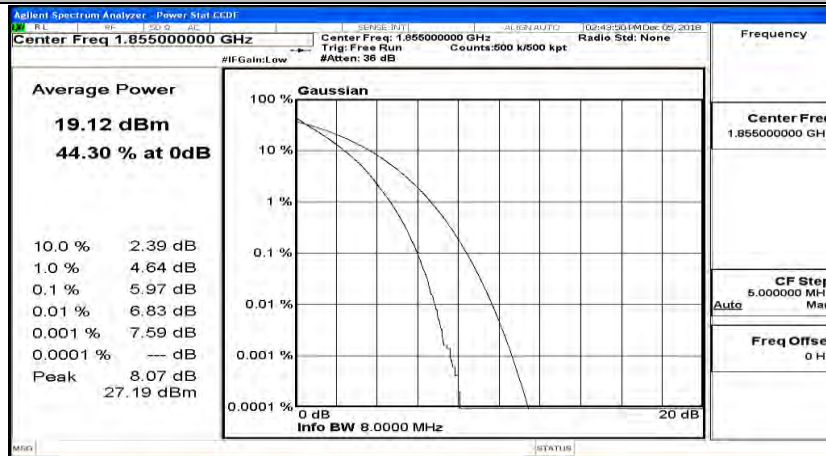
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



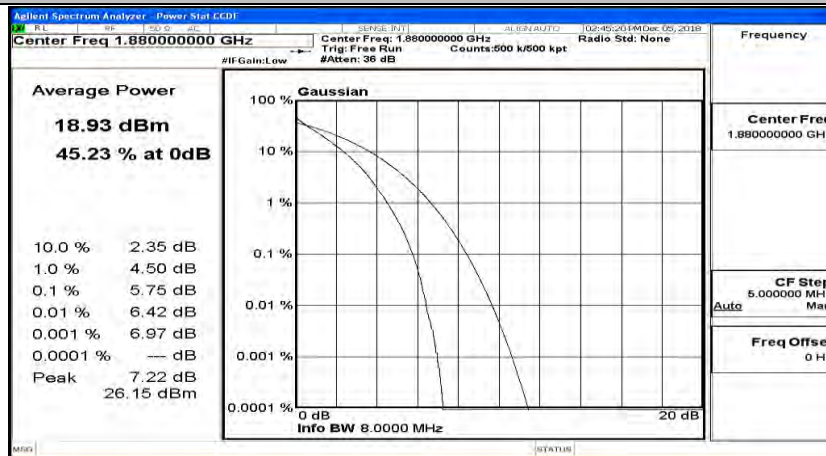
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



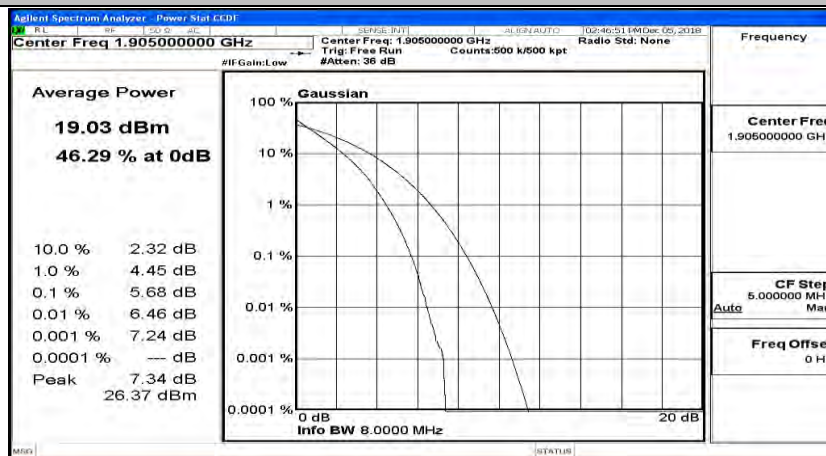
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



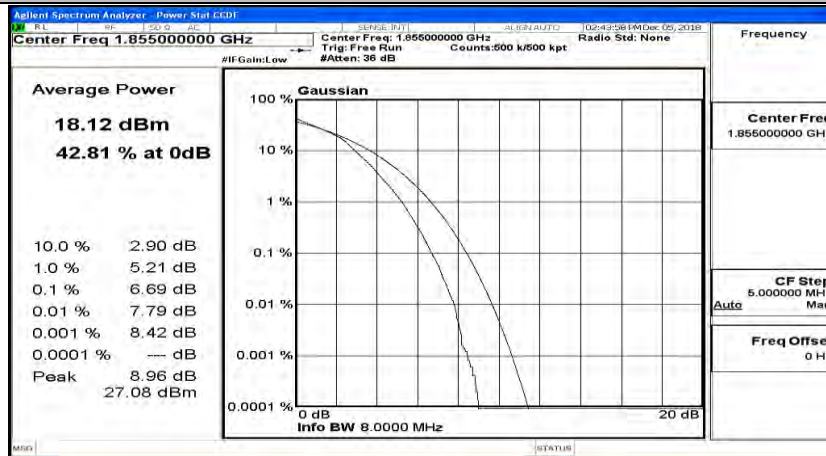
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



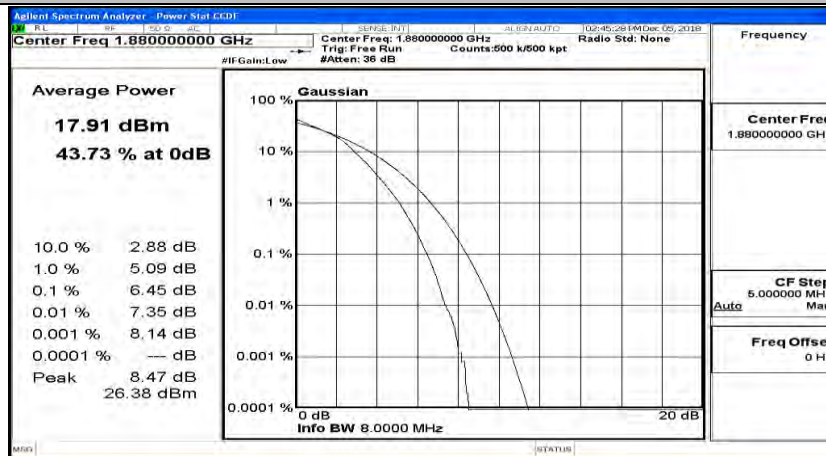
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



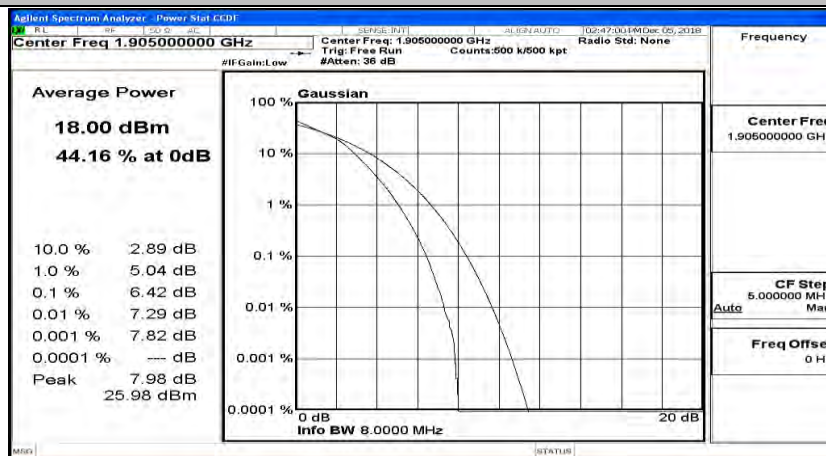
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



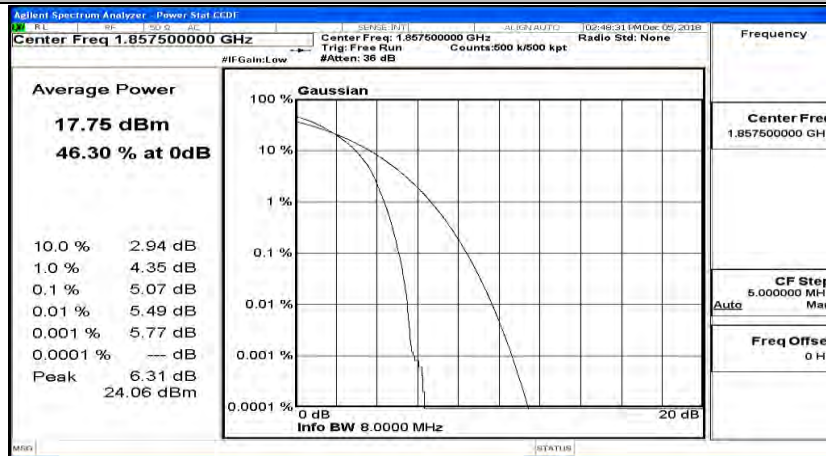
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



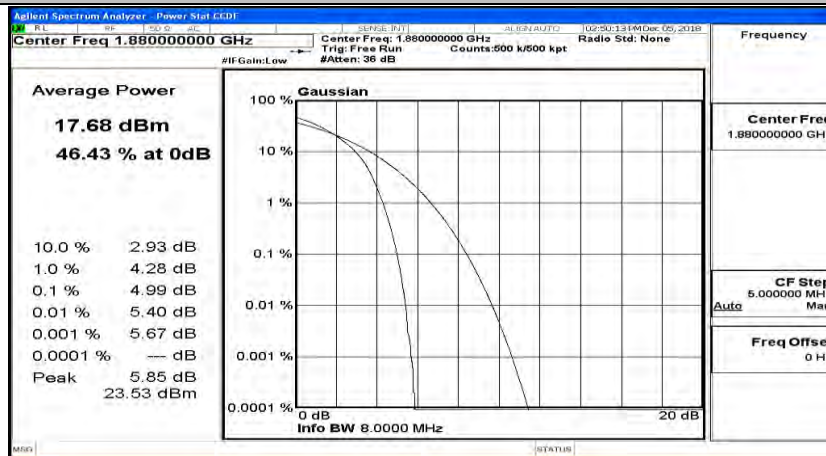
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



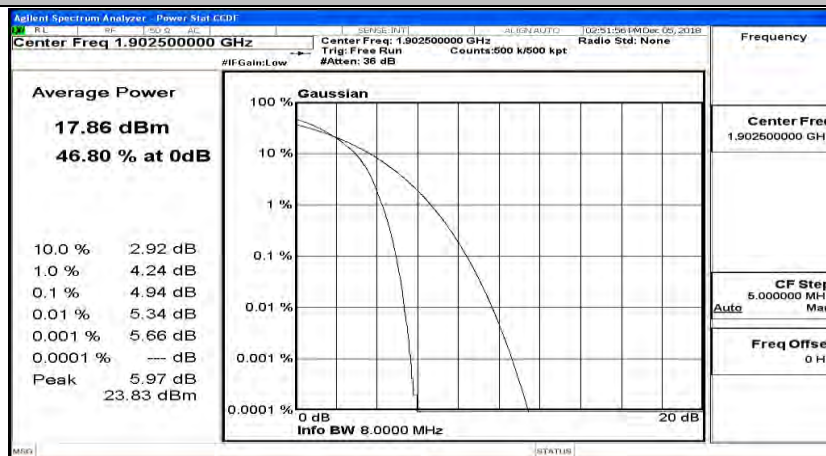
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



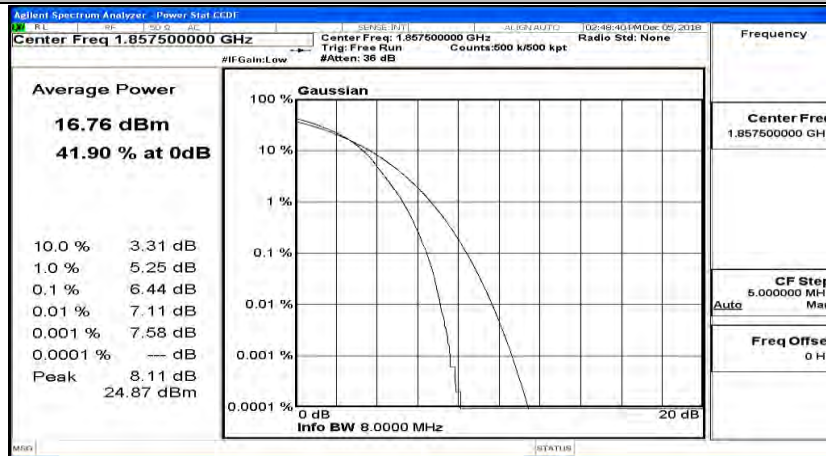
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



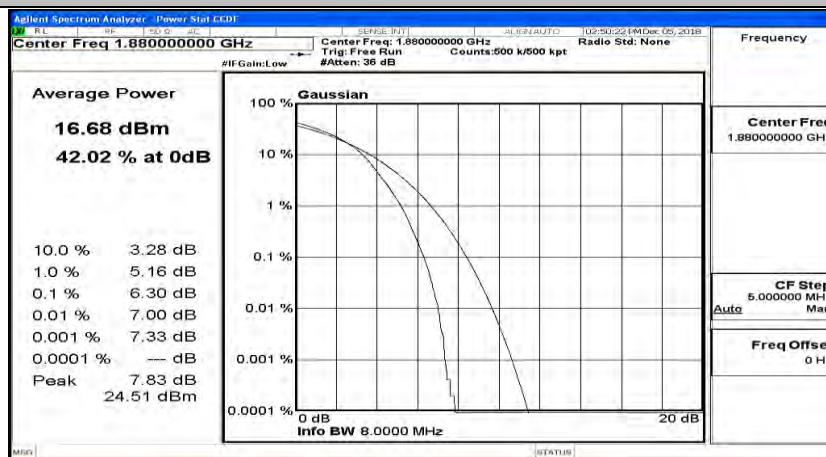
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



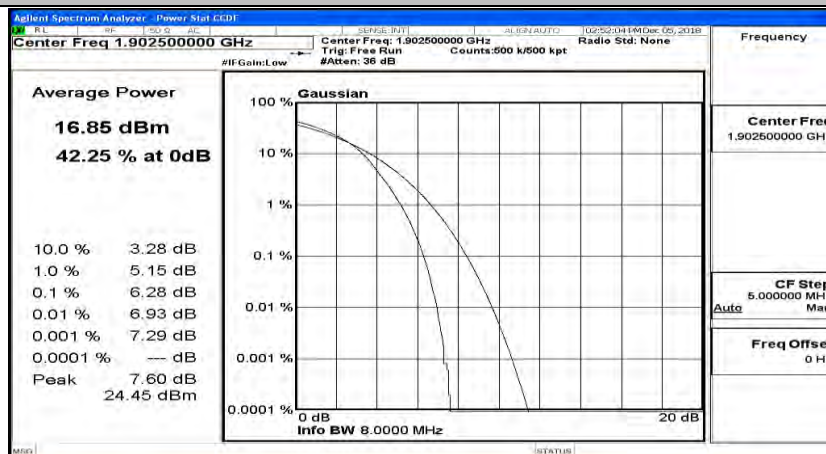
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



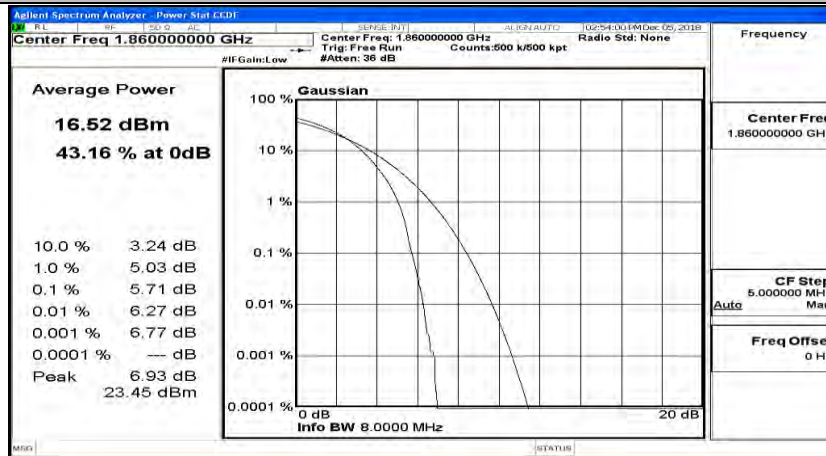
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



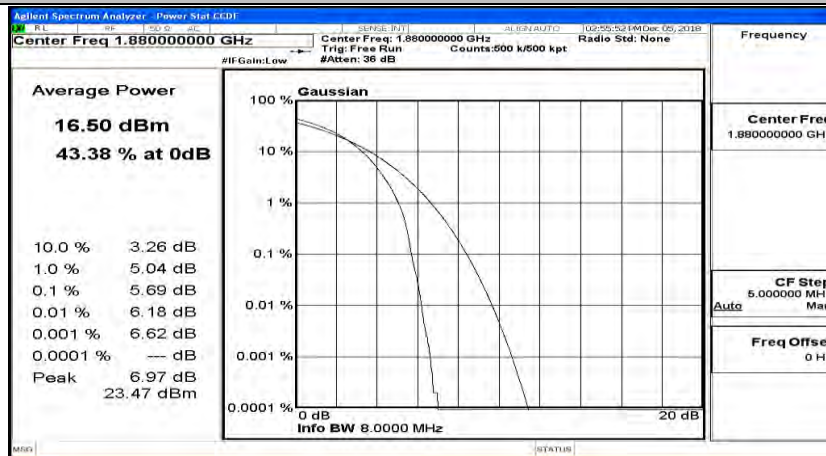
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



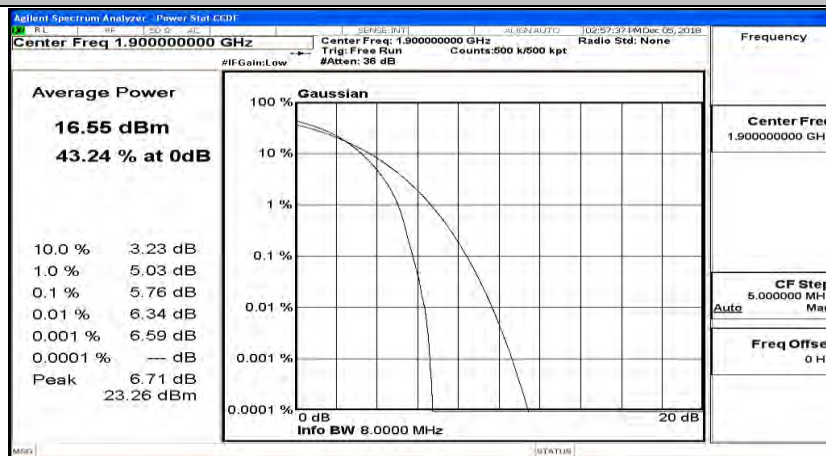
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



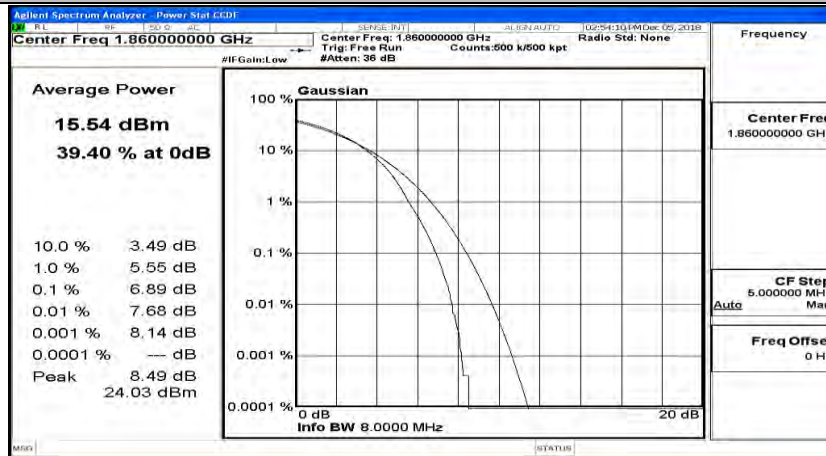
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



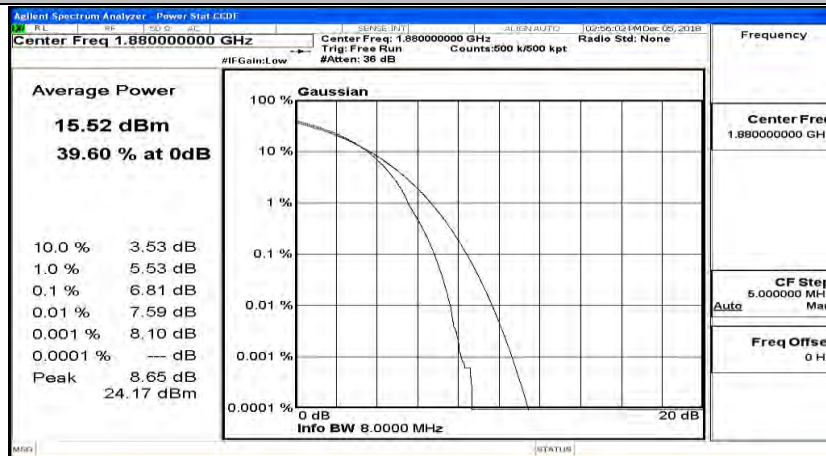
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



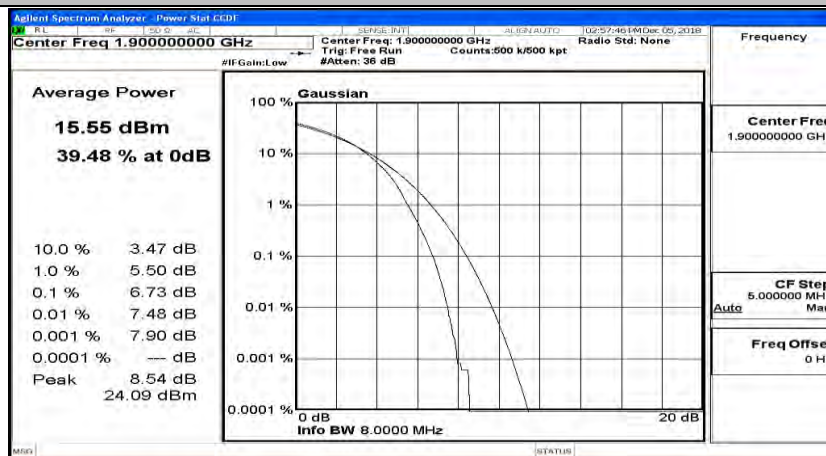
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



A.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	1.0773	1.229	PASS
	MCH	1.0736	1.207	PASS
	HCH	1.0758	1.224	PASS
16QAM	LCH	1.0764	1.235	PASS
	MCH	1.0765	1.218	PASS
	HCH	1.0766	1.232	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6796	2.836	PASS
	MCH	2.6779	2.815	PASS
	HCH	2.6792	2.835	PASS
16QAM	LCH	2.6778	2.836	PASS
	MCH	2.6782	2.812	PASS
	HCH	2.6798	2.832	PASS

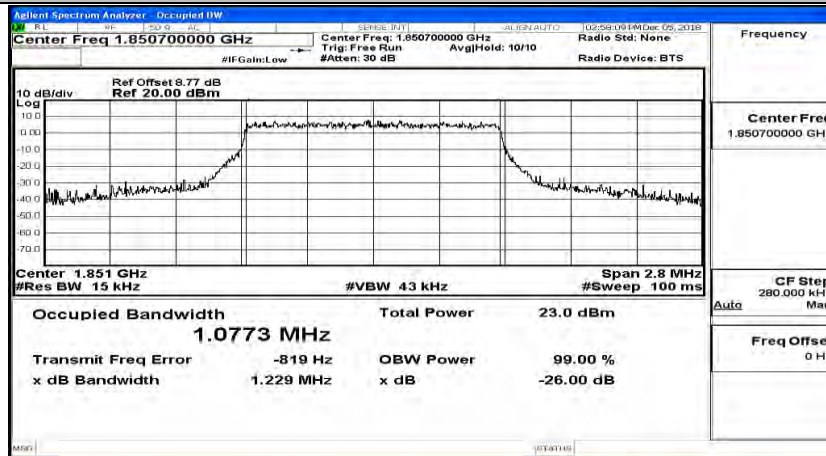
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4723	4.893	PASS
	MCH	4.4777	4.882	PASS
	HCH	4.4711	4.804	PASS
16QAM	LCH	4.4797	4.882	PASS
	MCH	4.4757	4.858	PASS
	HCH	4.4752	4.821	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9574	9.519	PASS
	MCH	8.9442	9.557	PASS
	HCH	8.9300	9.469	PASS
16QAM	LCH	8.9577	9.544	PASS
	MCH	8.9353	9.430	PASS
	HCH	8.9192	9.487	PASS

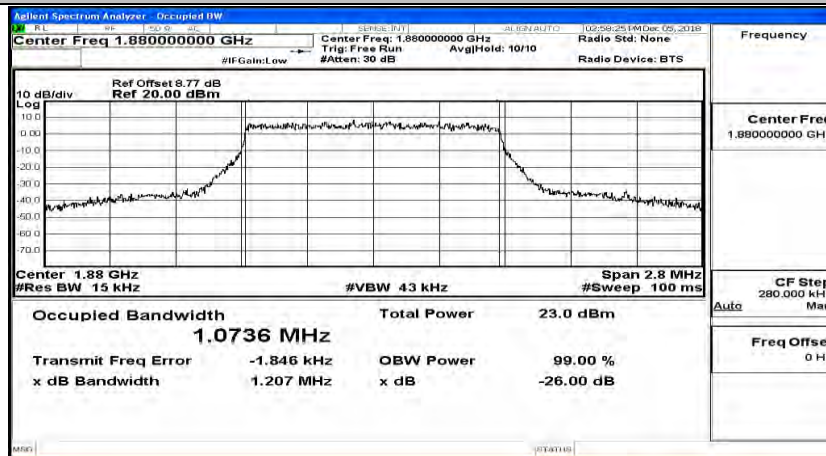
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.431	14.16	PASS
	MCH	13.405	13.98	PASS
	HCH	13.376	13.99	PASS
16QAM	LCH	13.411	14.21	PASS
	MCH	13.389	14.05	PASS
	HCH	13.378	14.07	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.881	18.66	PASS
	MCH	17.848	18.56	PASS
	HCH	17.829	18.58	PASS
16QAM	LCH	17.877	18.63	PASS
	MCH	17.840	18.61	PASS
	HCH	17.815	18.57	PASS

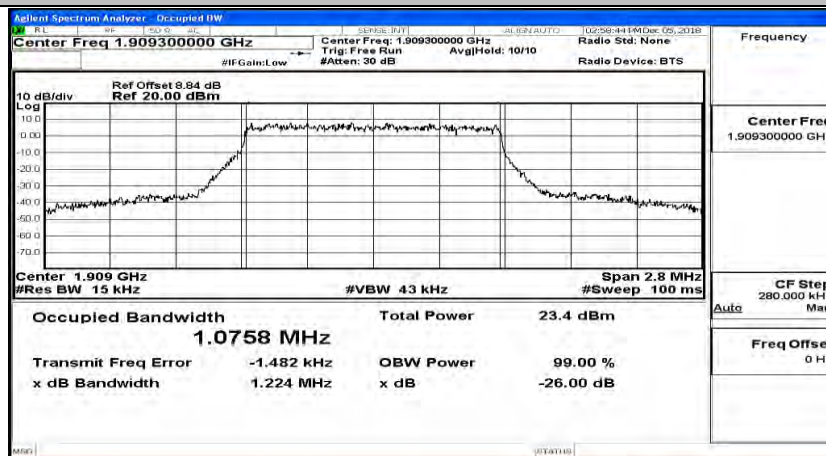
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



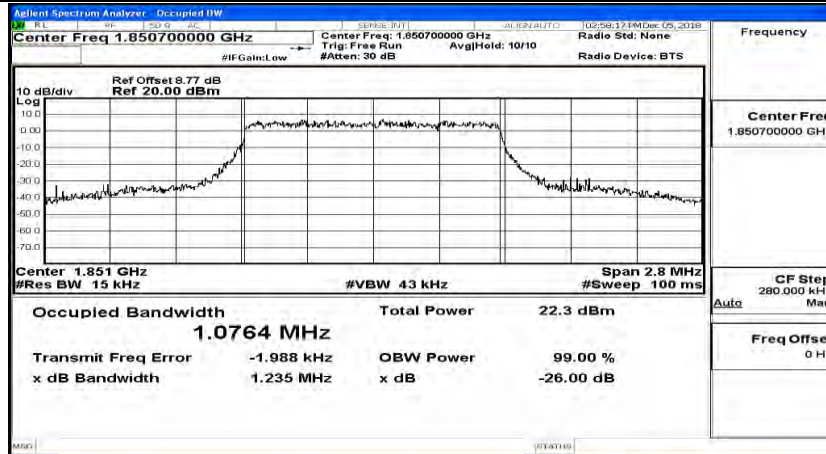
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



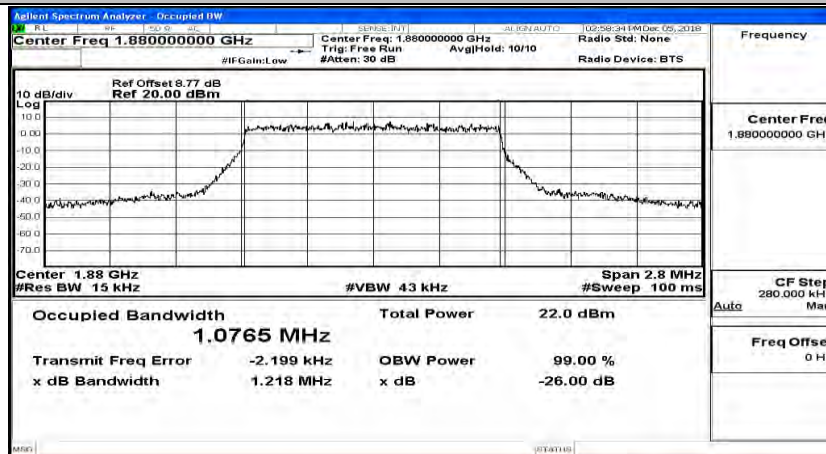
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



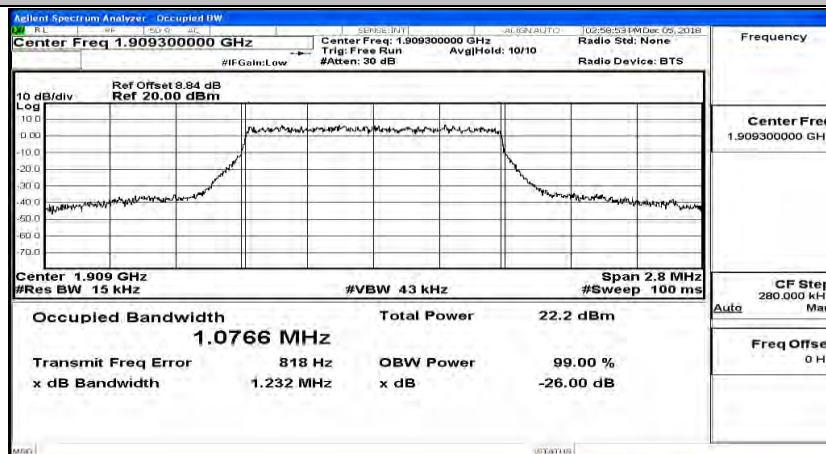
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



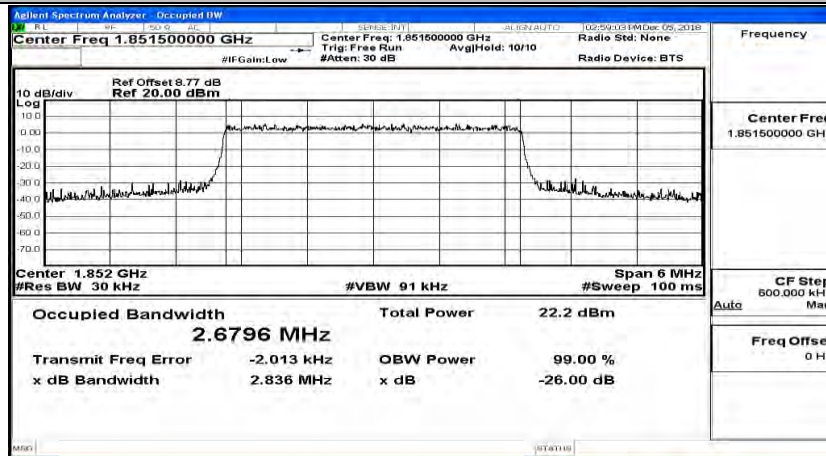
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



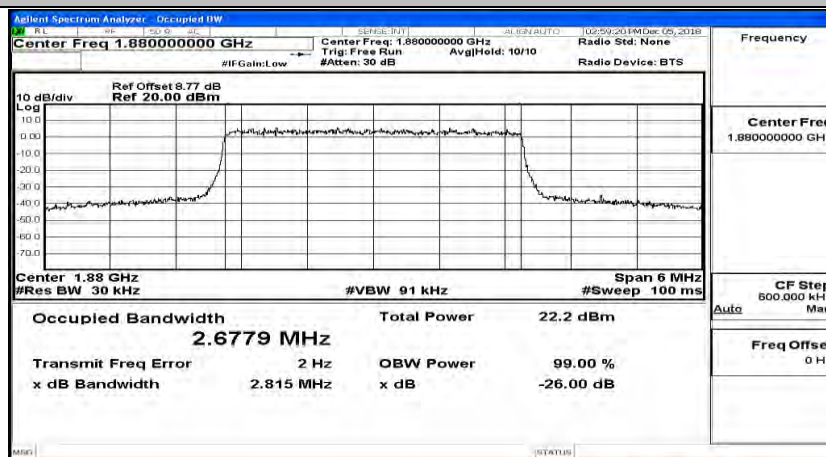
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



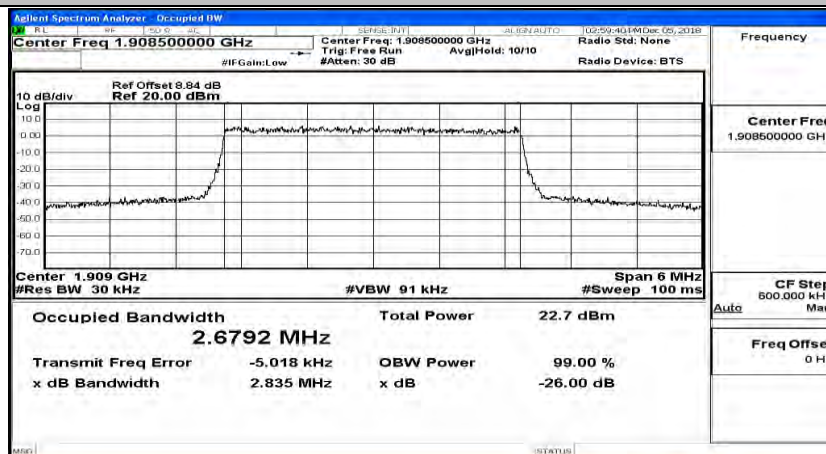
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



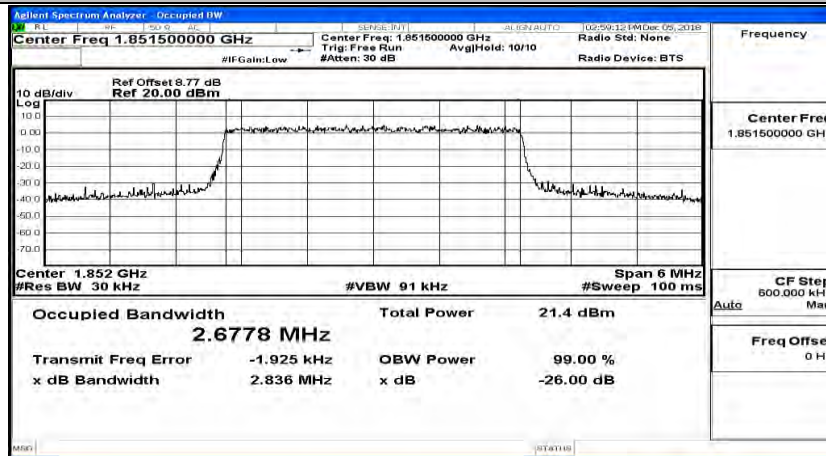
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



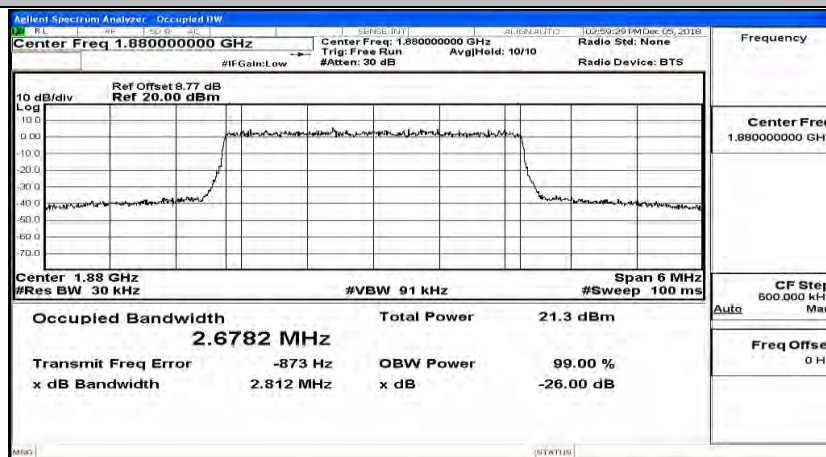
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



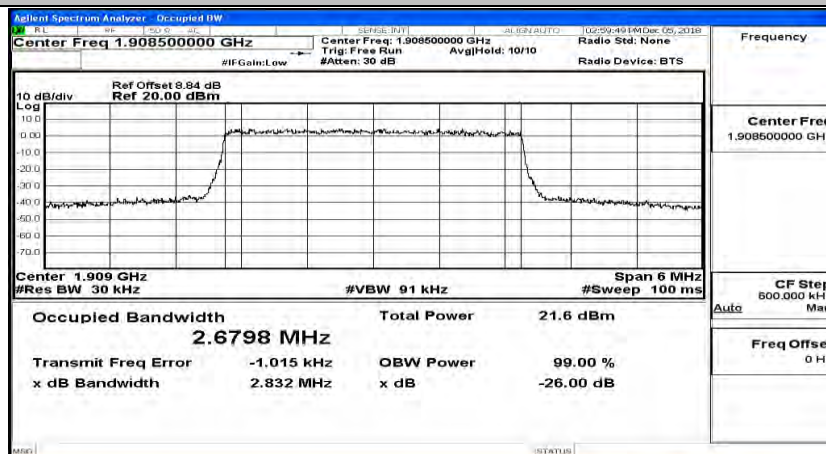
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



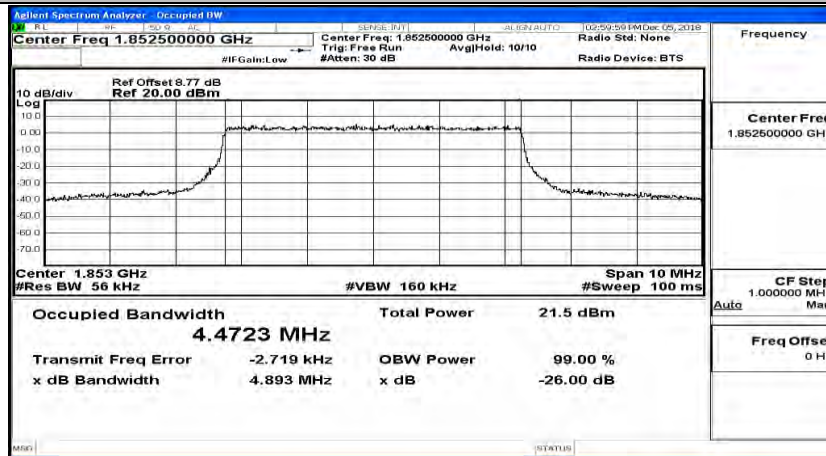
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



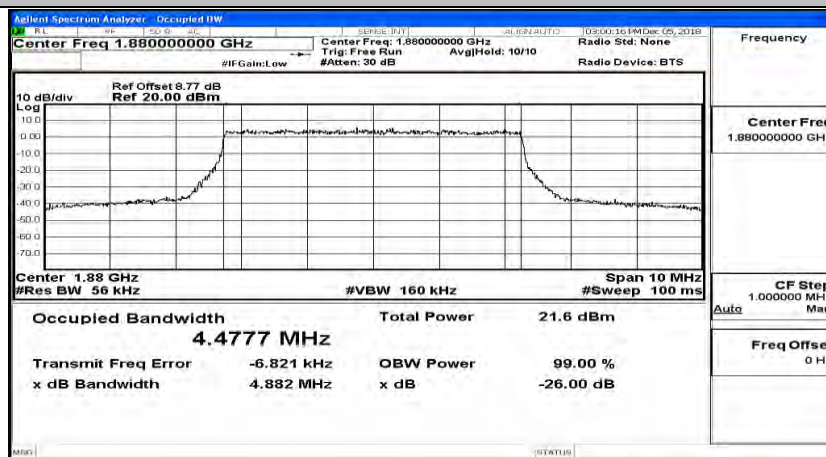
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



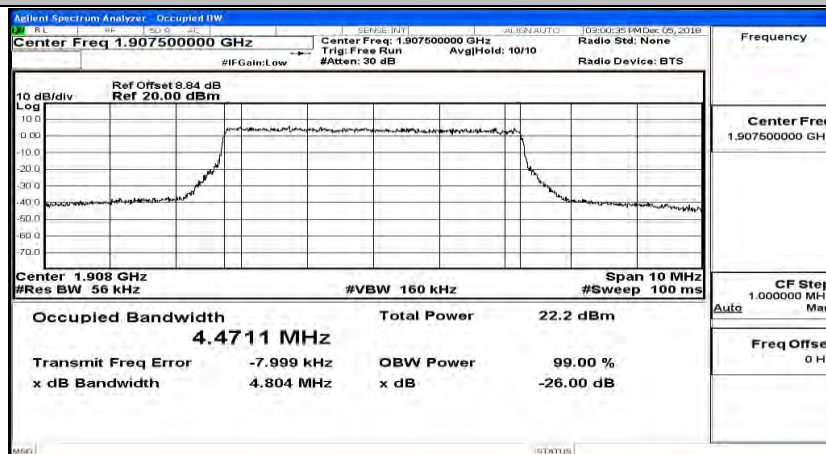
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



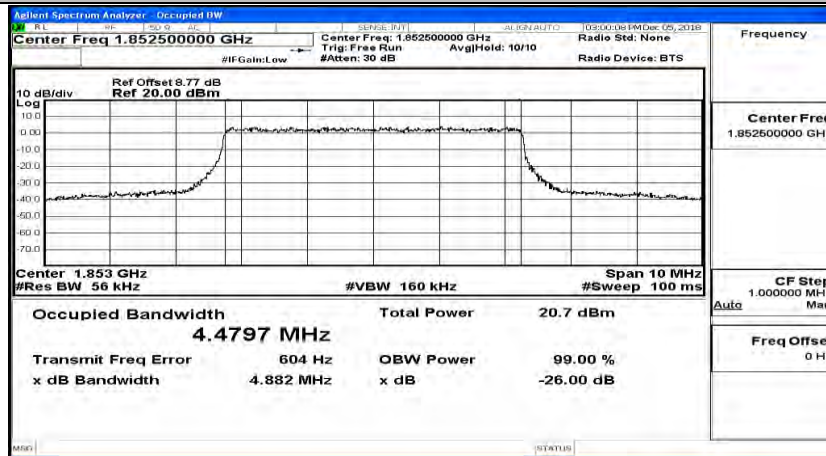
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



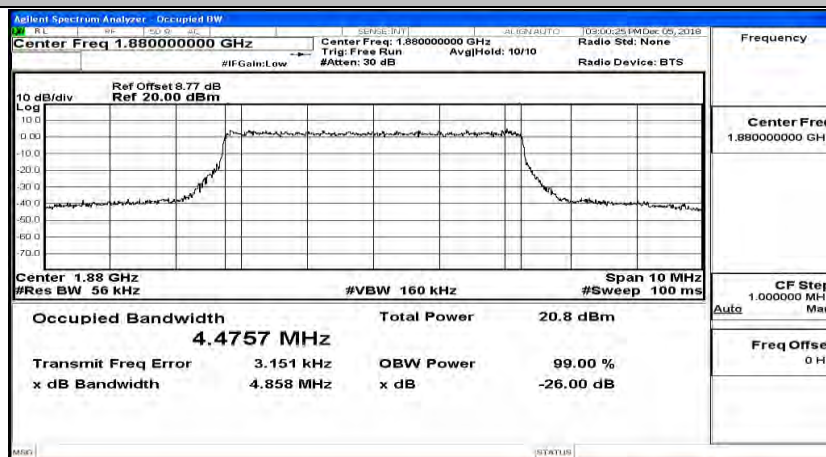
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



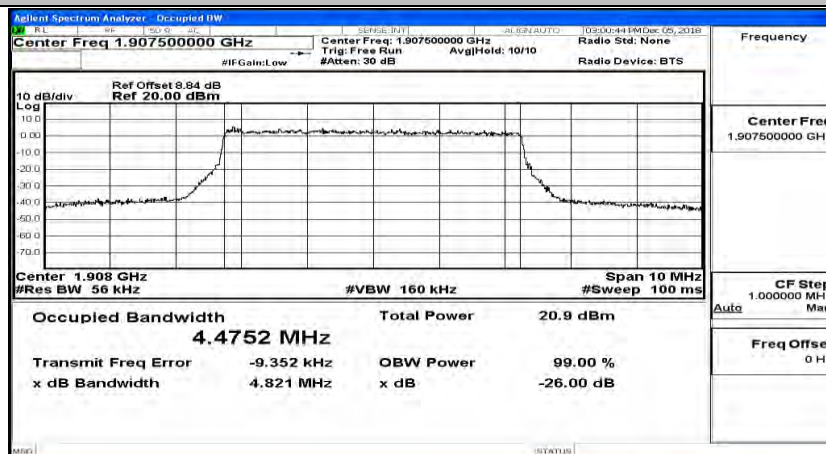
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



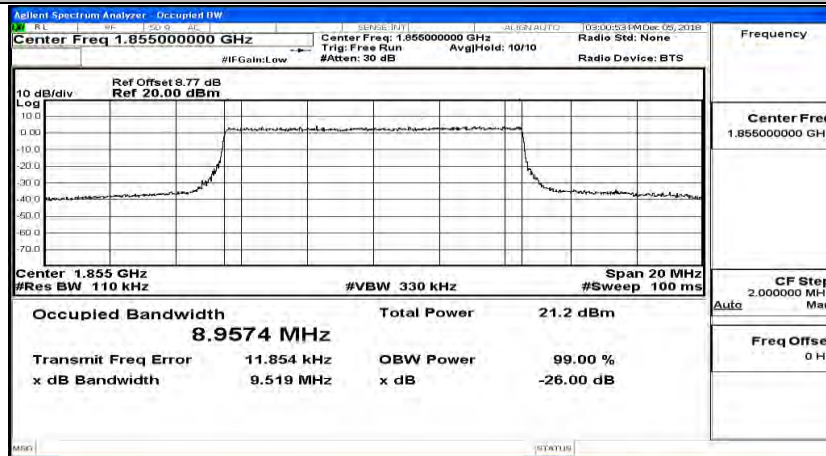
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



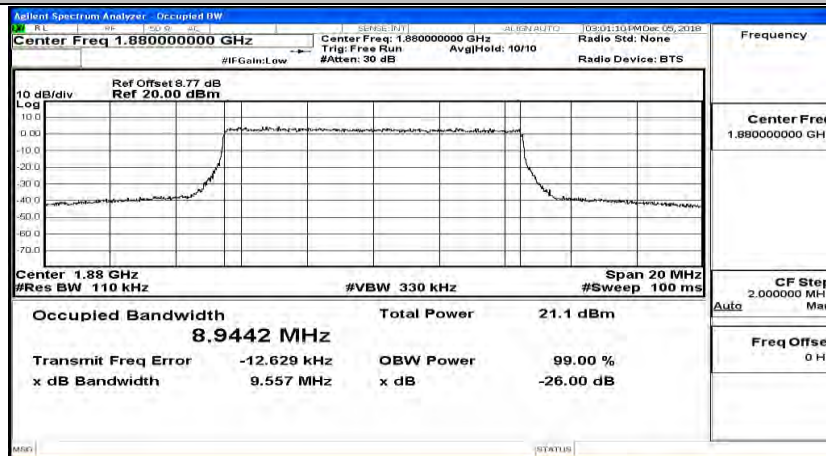
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



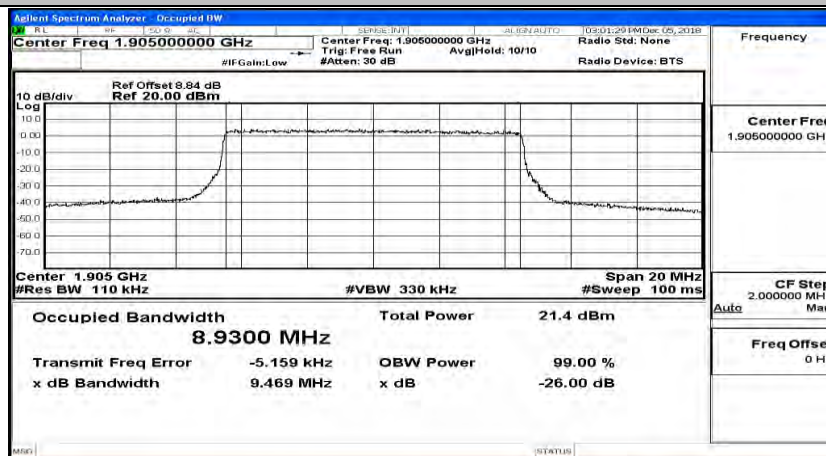
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



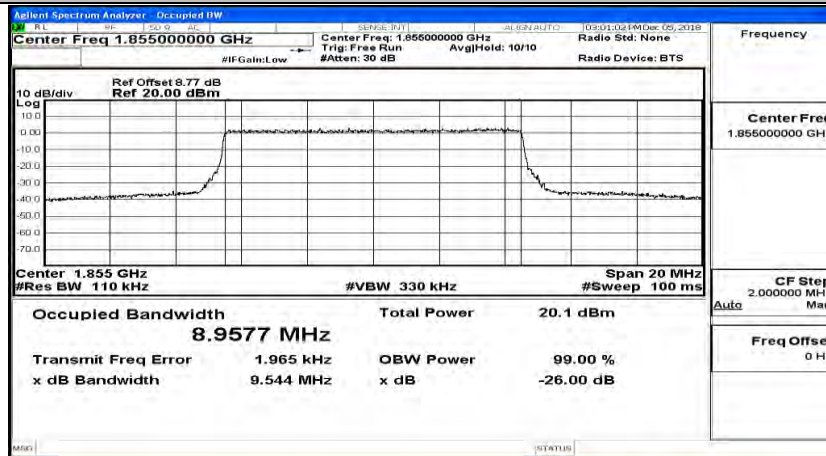
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



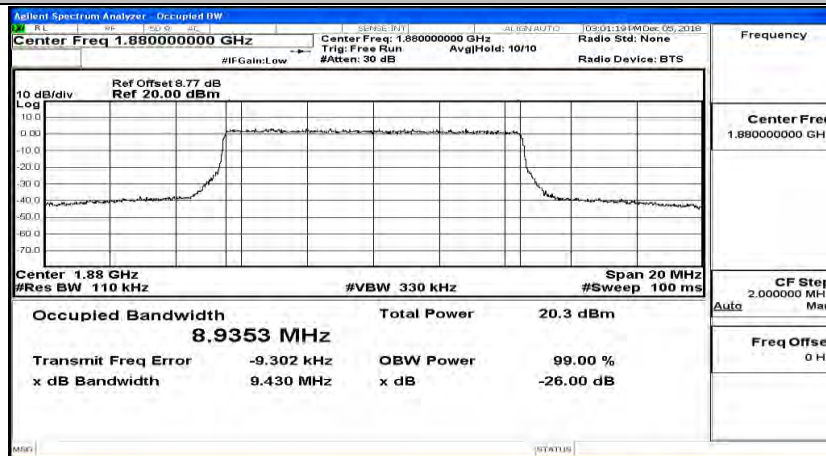
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



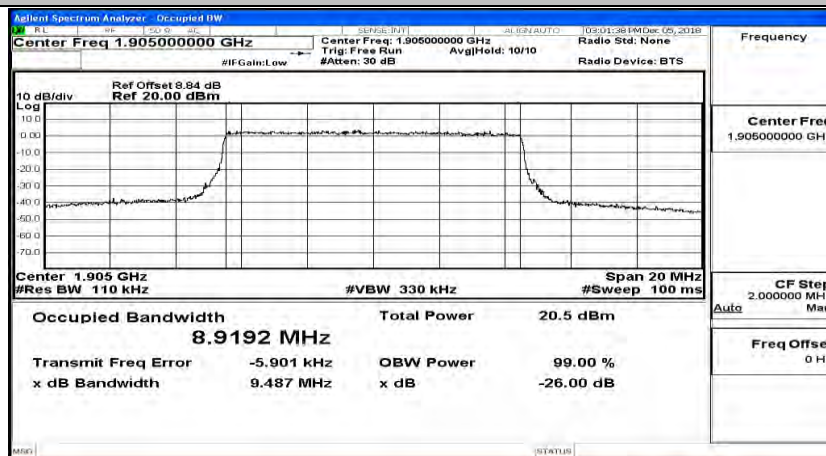
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



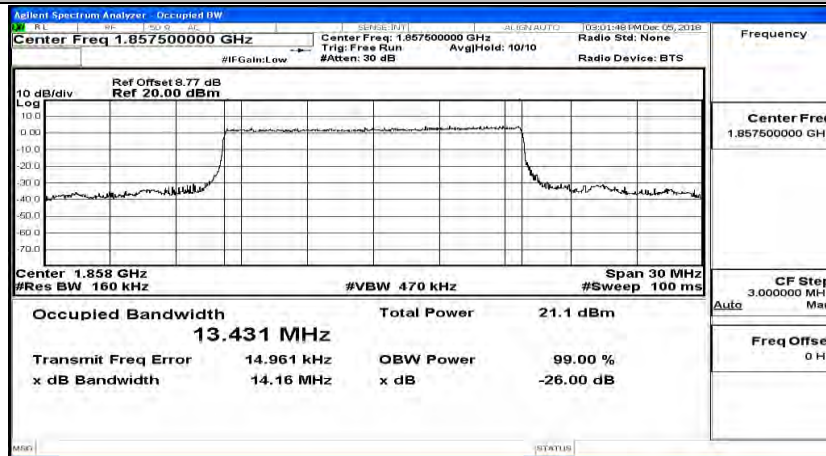
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



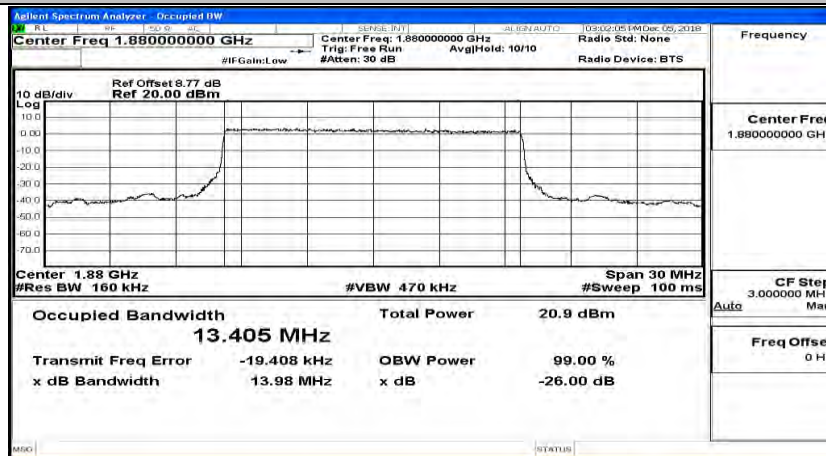
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



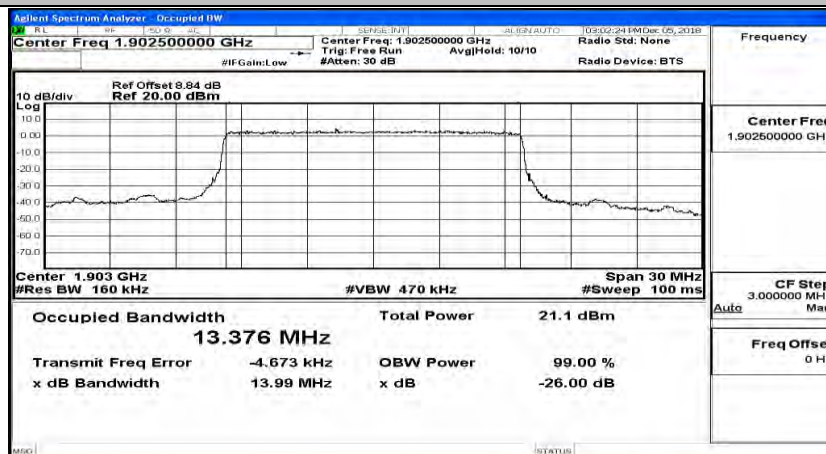
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



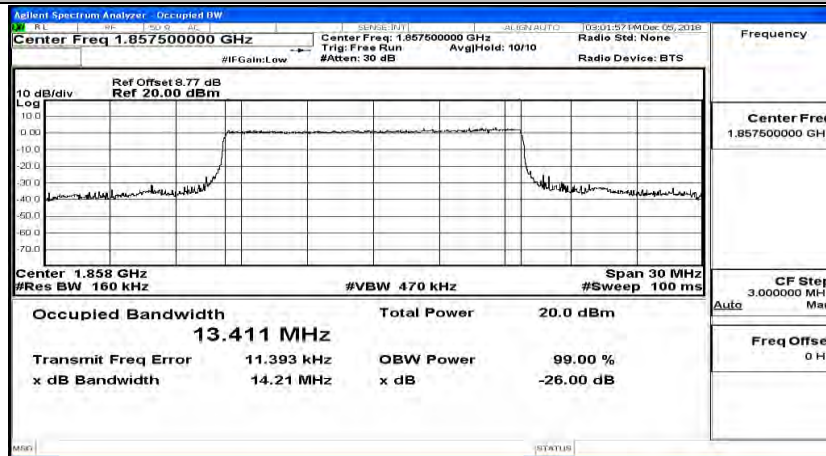
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



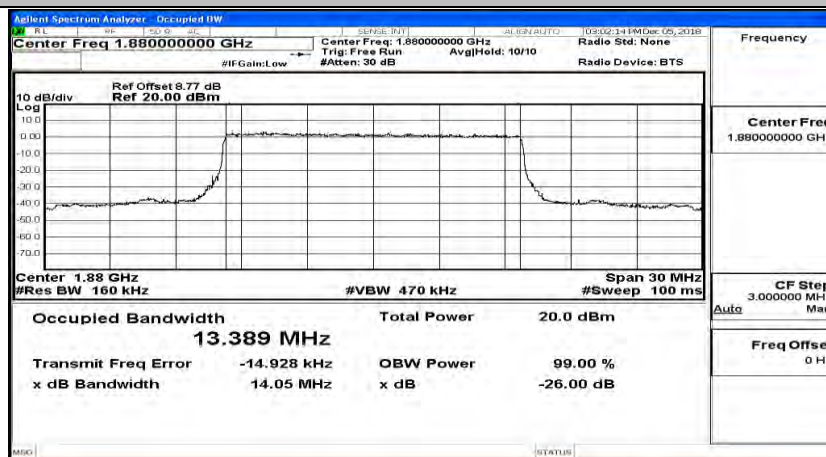
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



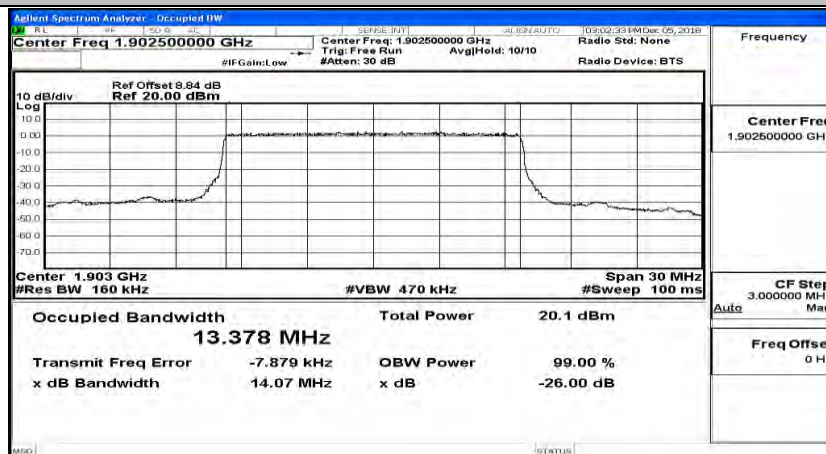
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



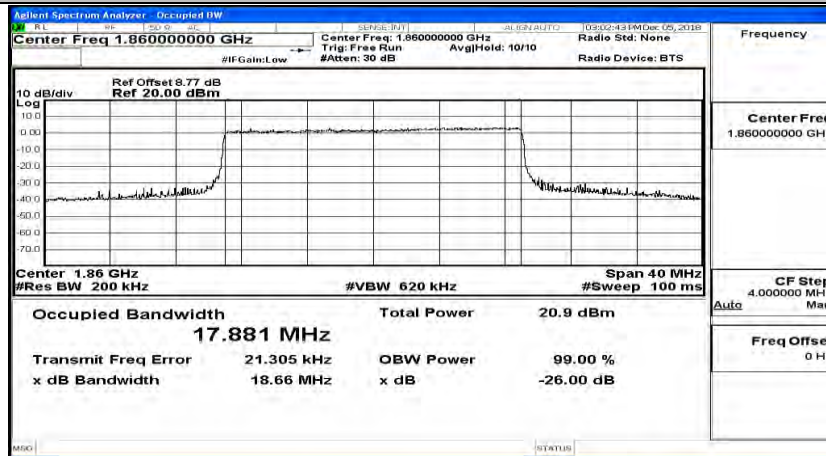
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



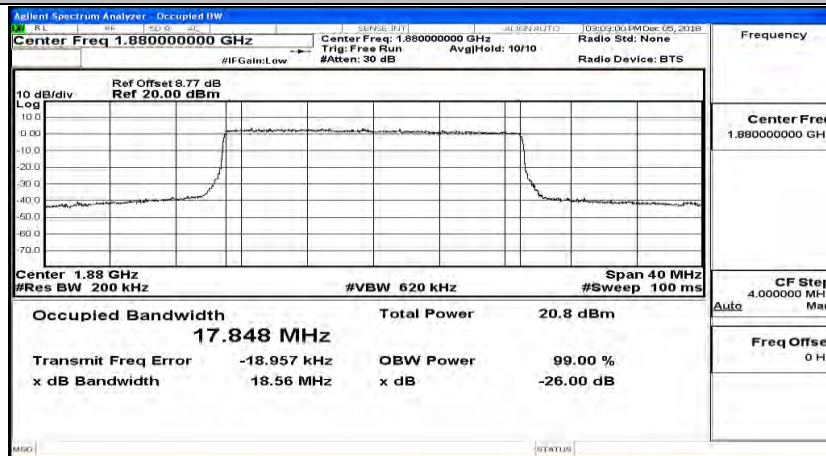
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



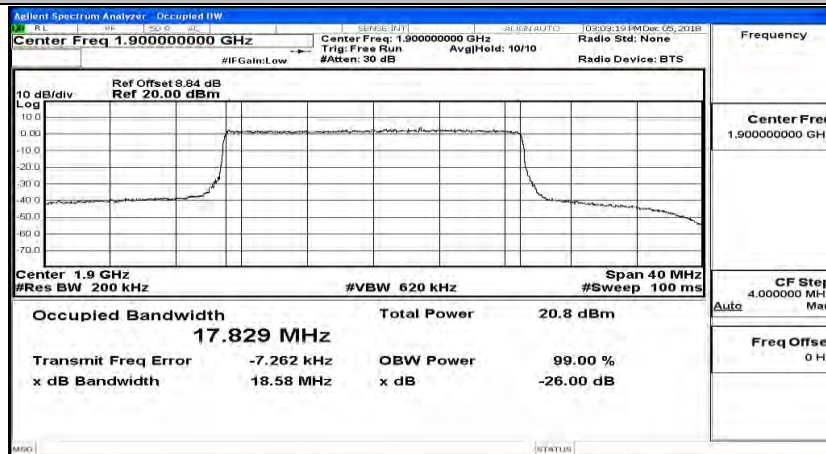
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



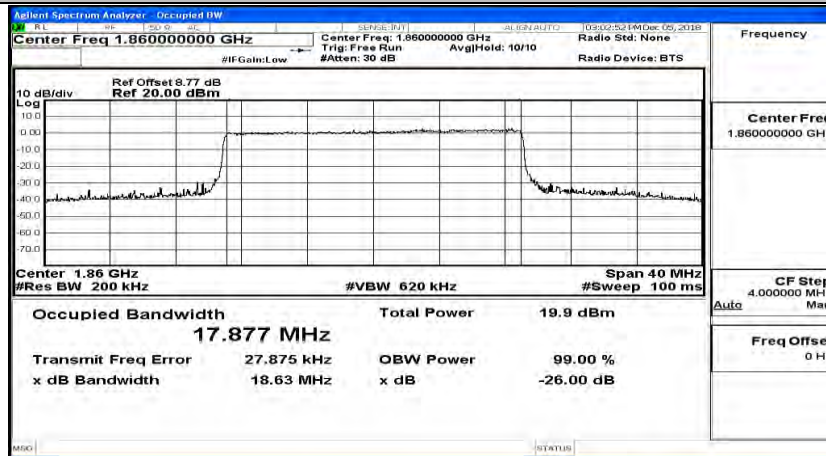
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



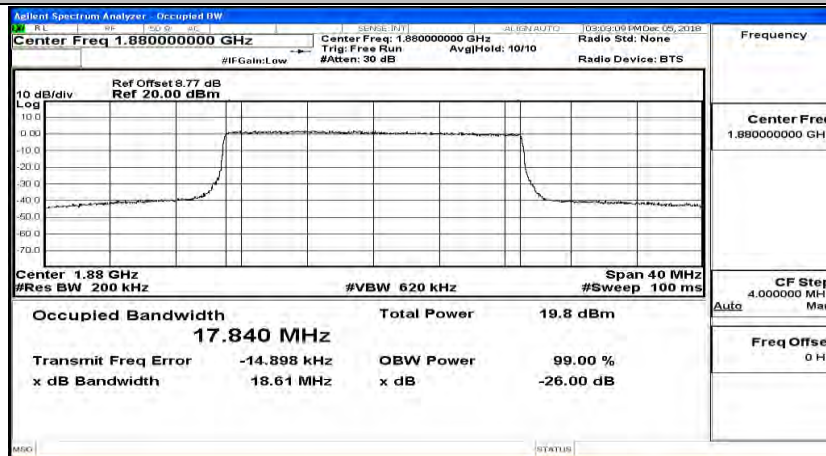
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



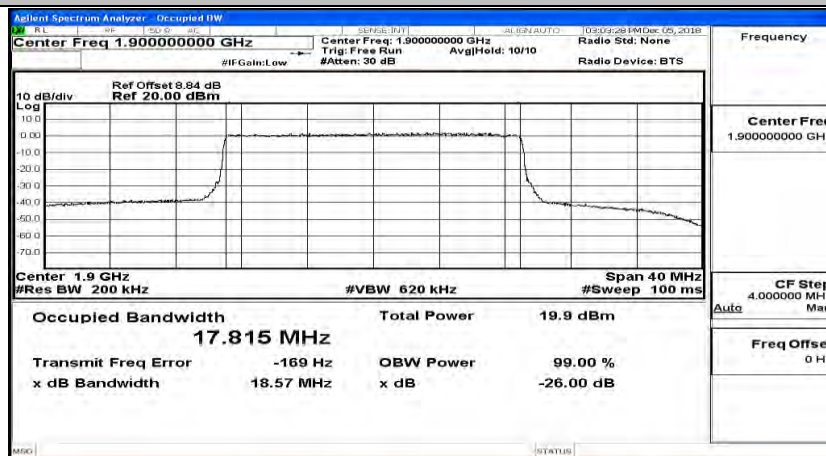
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

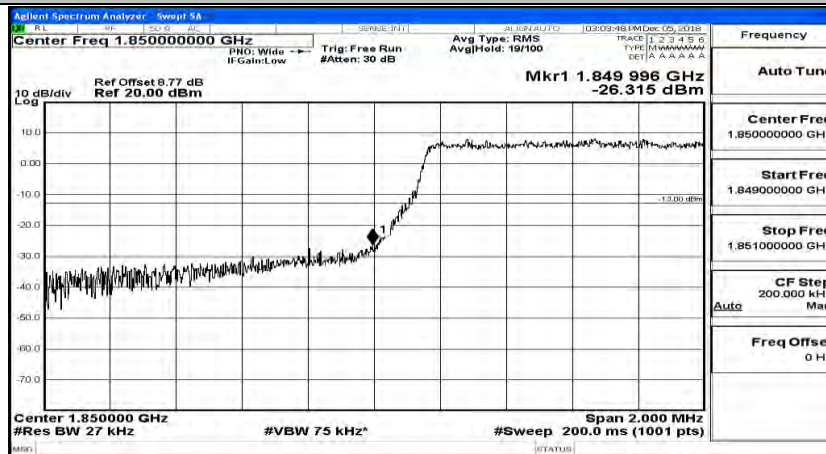


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



A.4 Band Edge

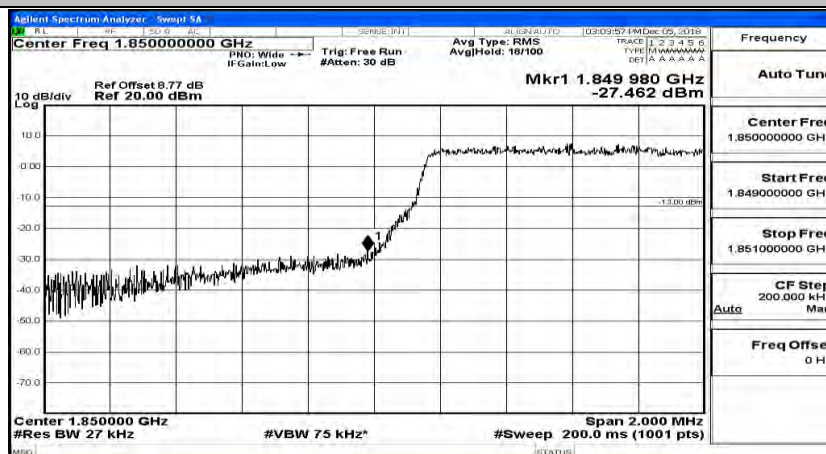
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



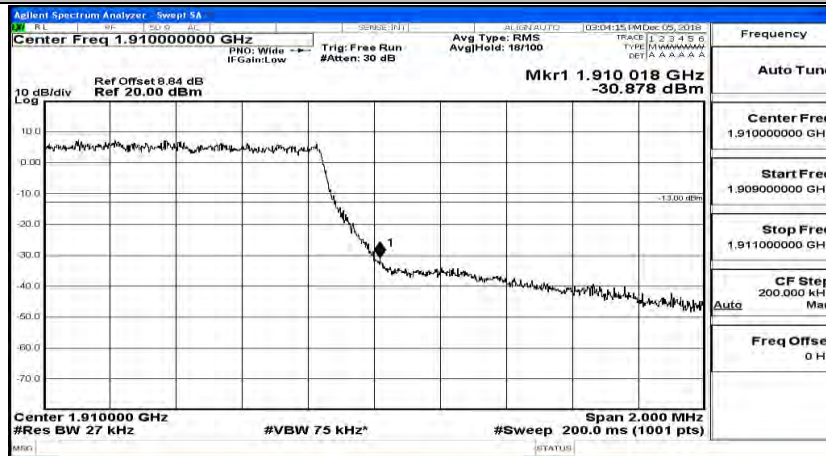
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



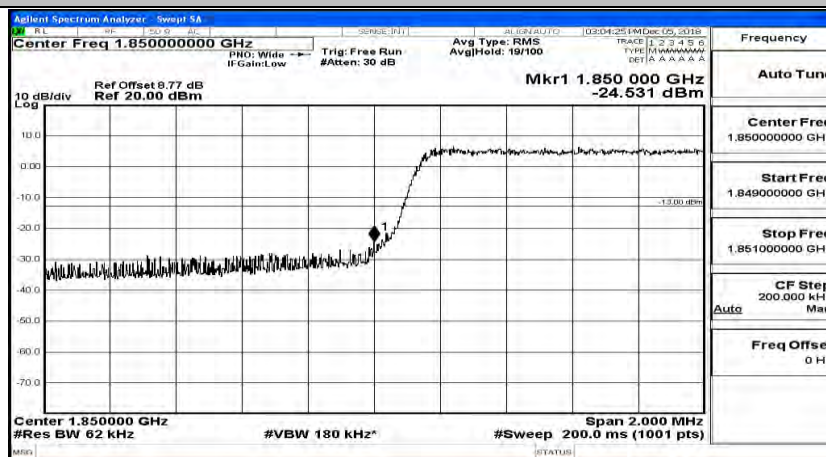
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



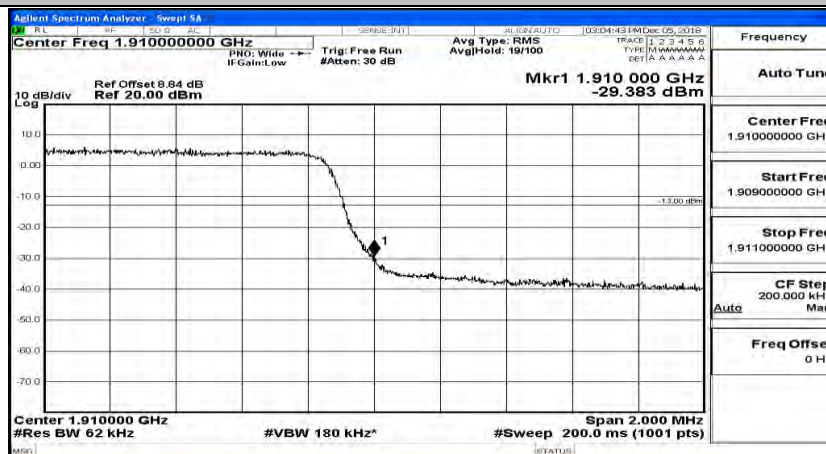
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



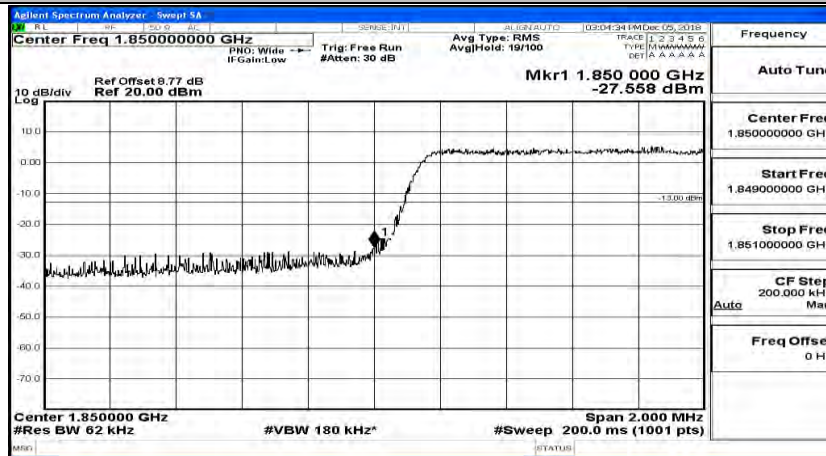
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



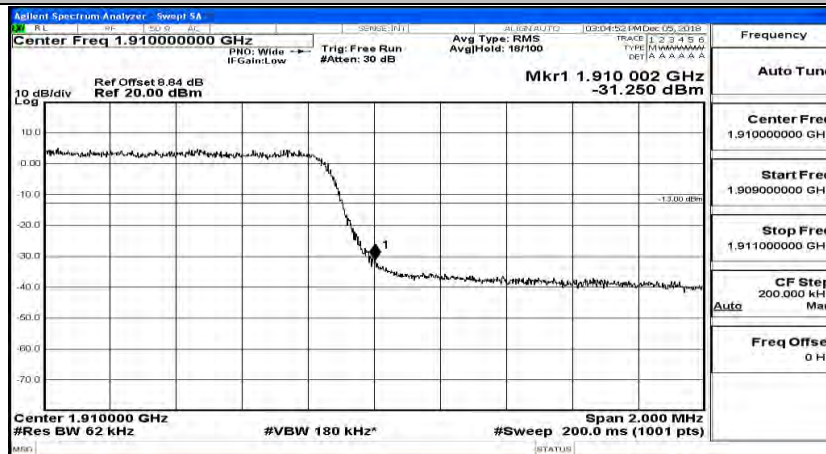
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



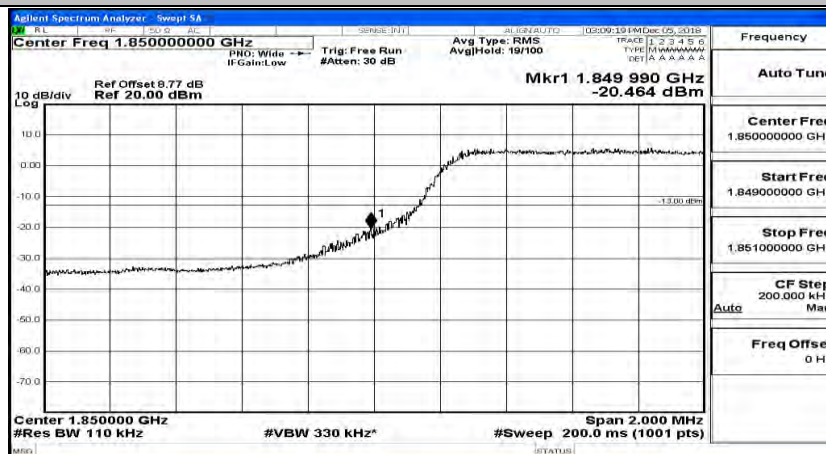
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



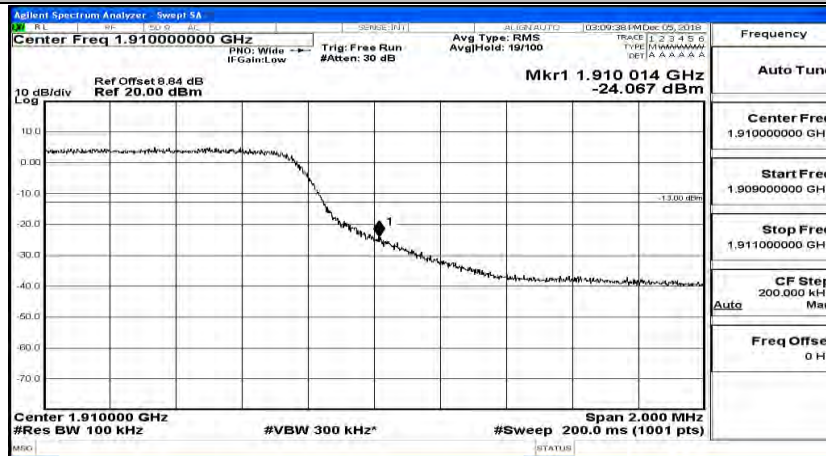
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



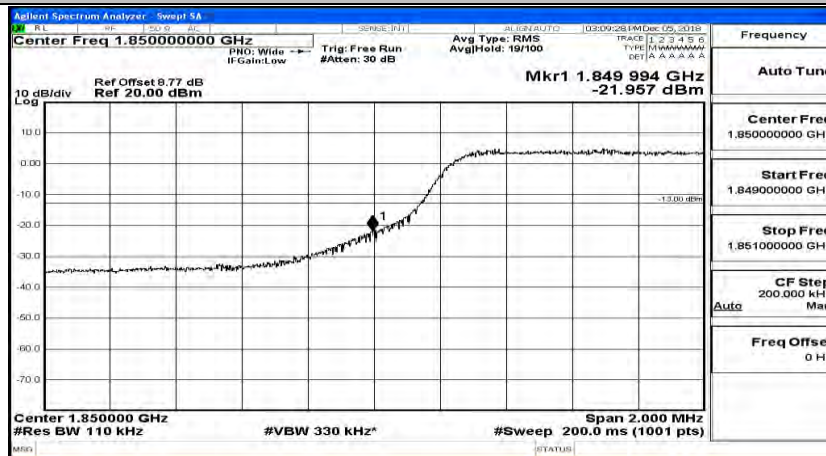
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



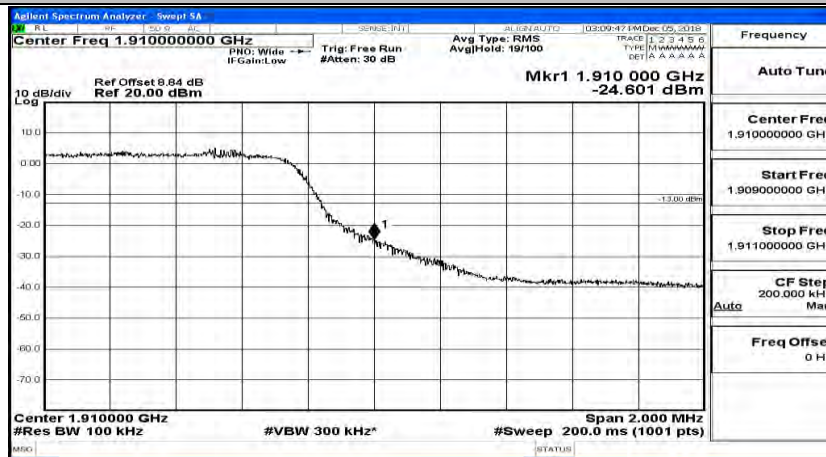
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



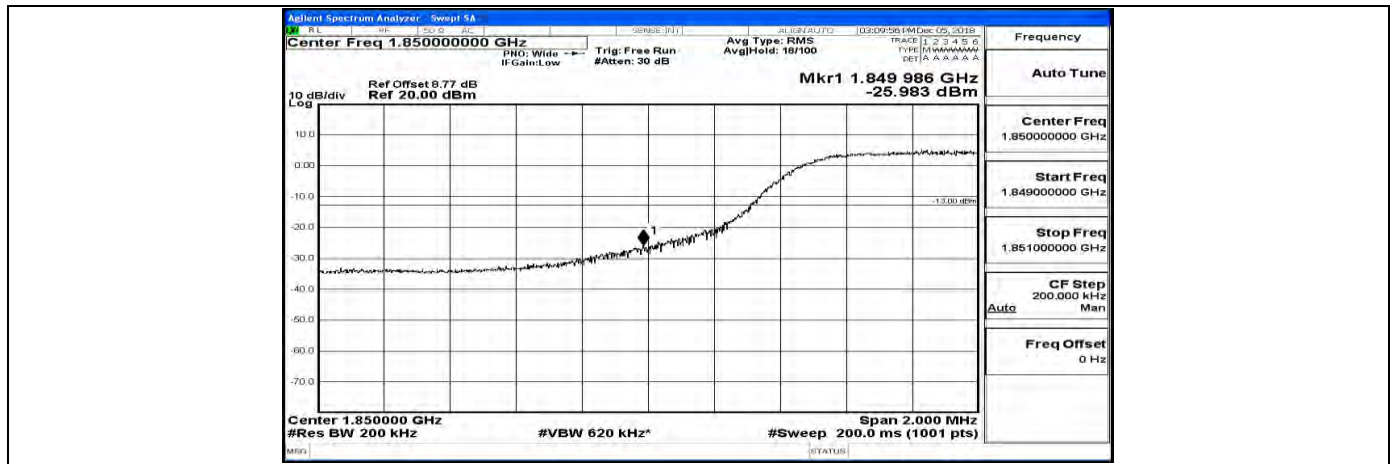
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



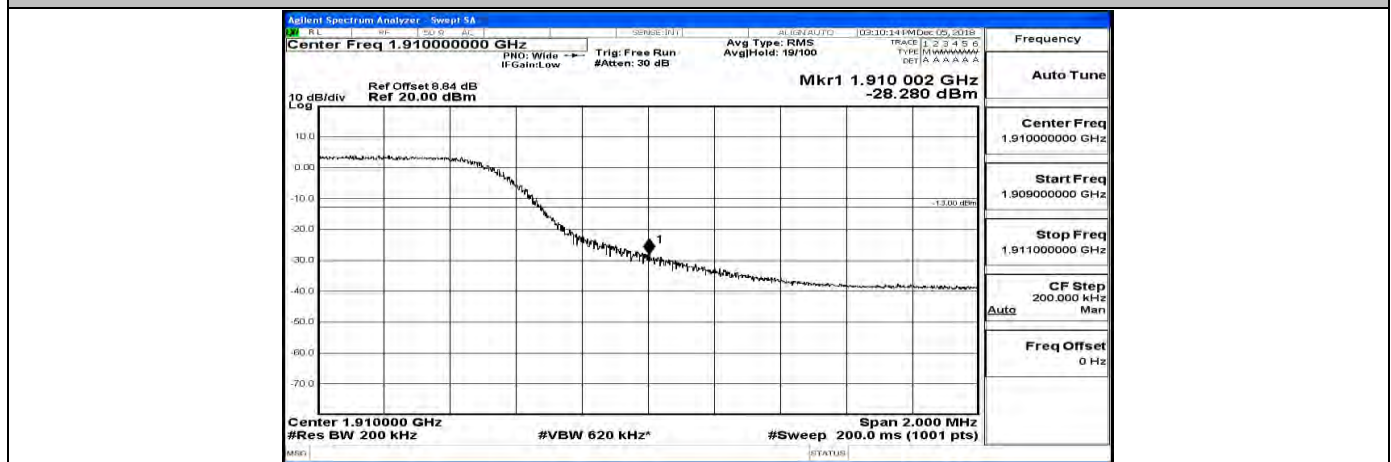
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



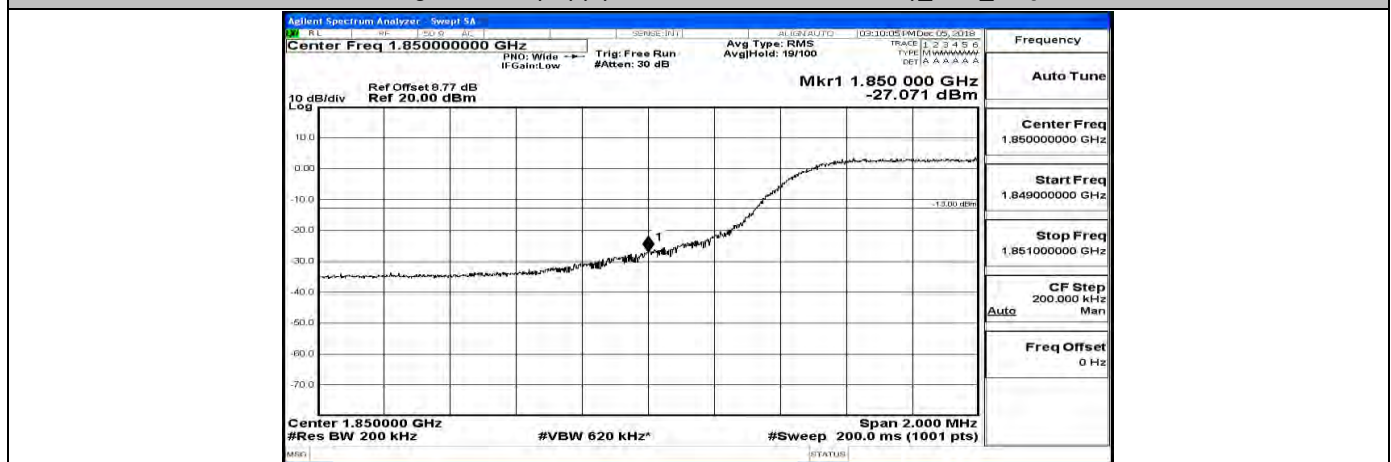
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



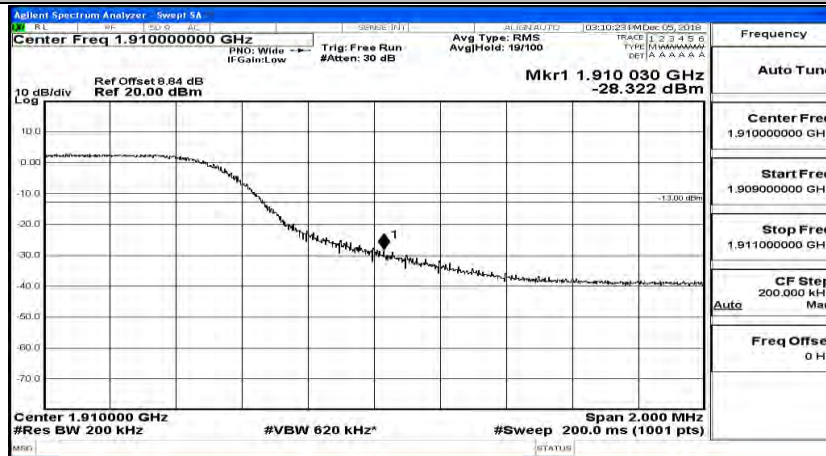
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



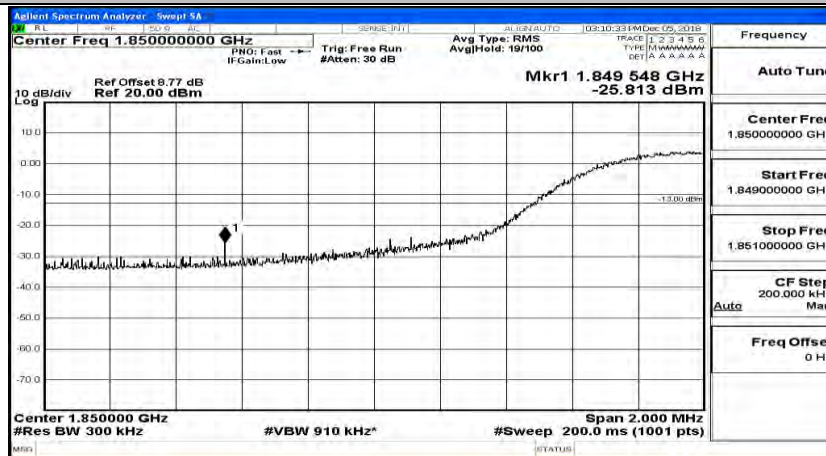
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



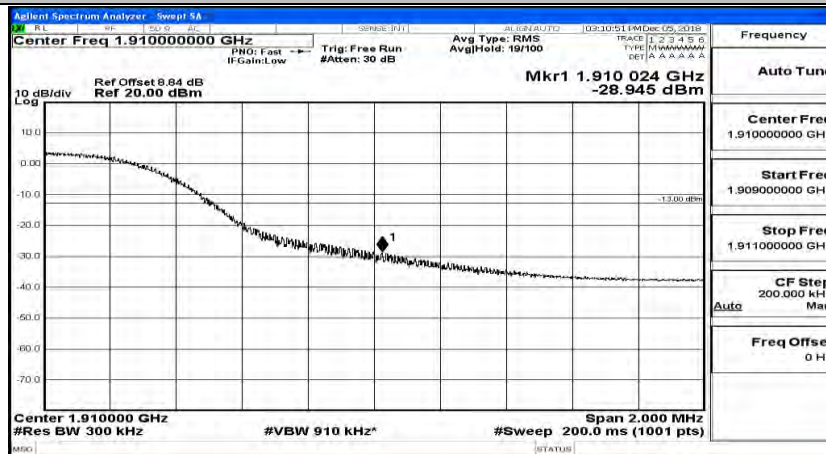
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



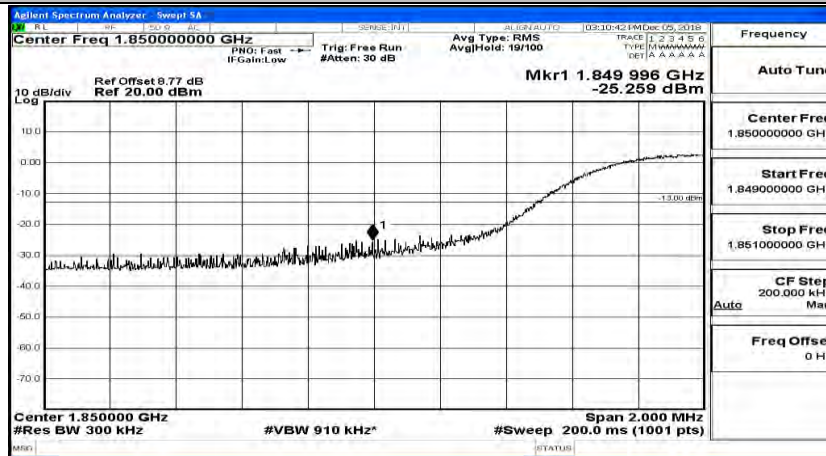
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



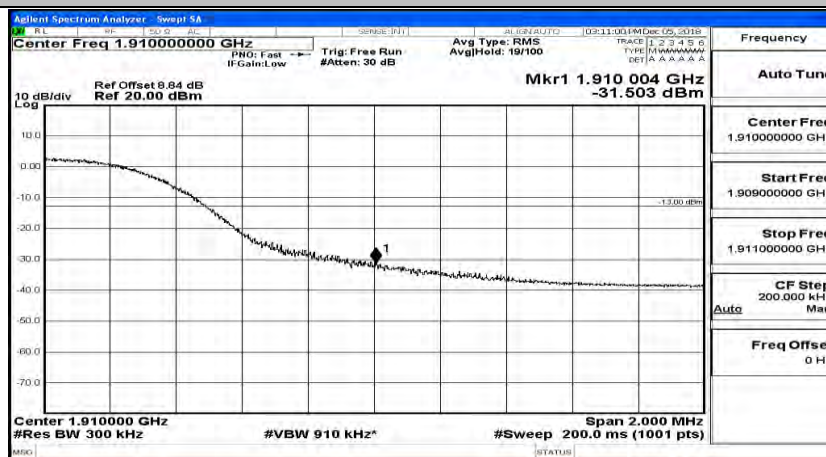
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



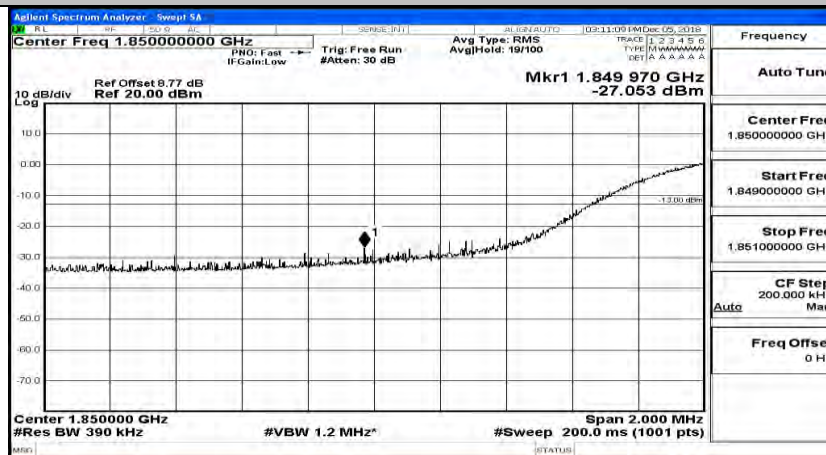
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



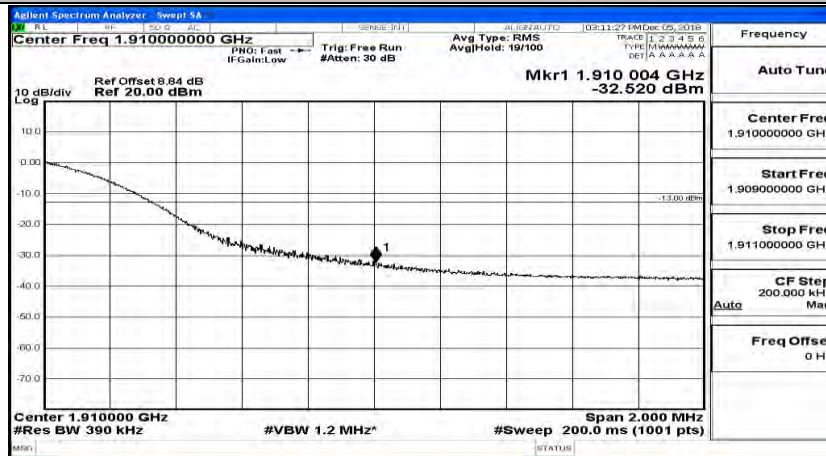
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



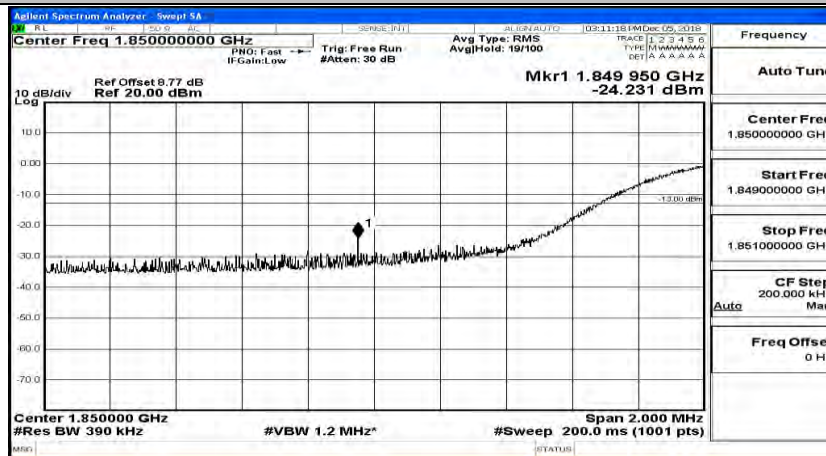
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



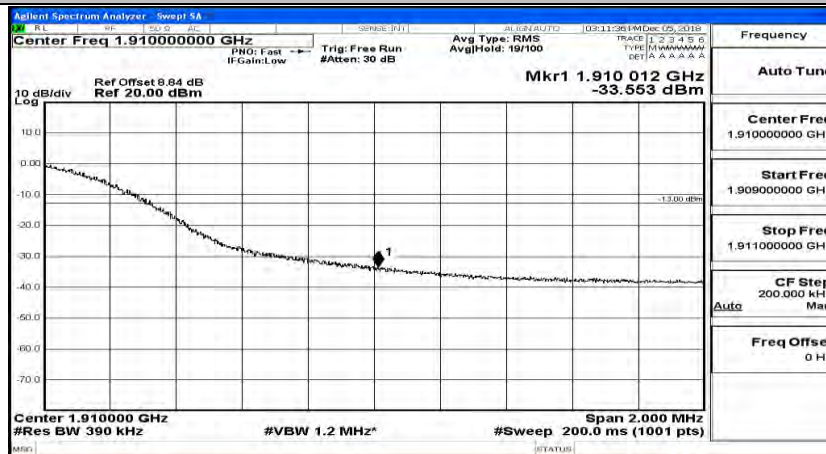
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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

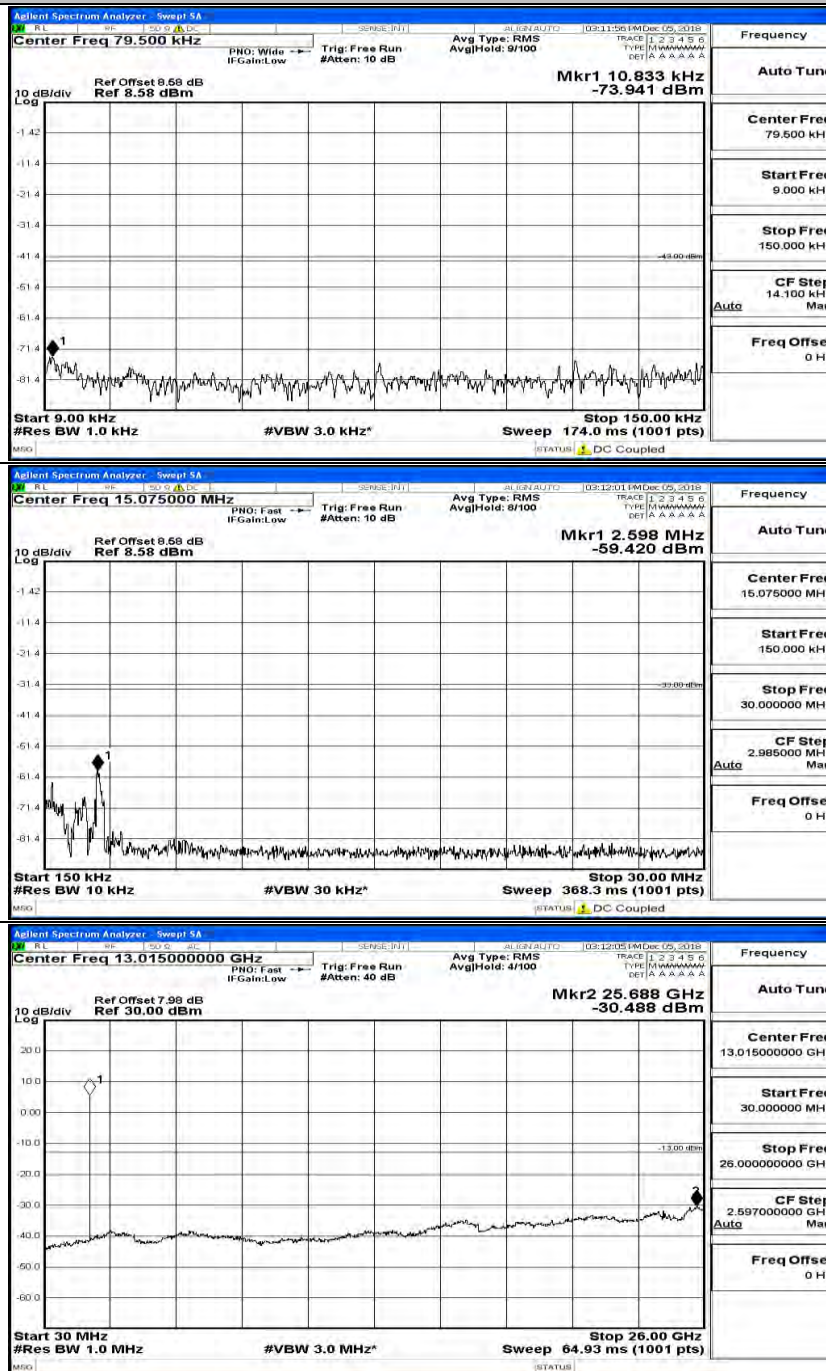


Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

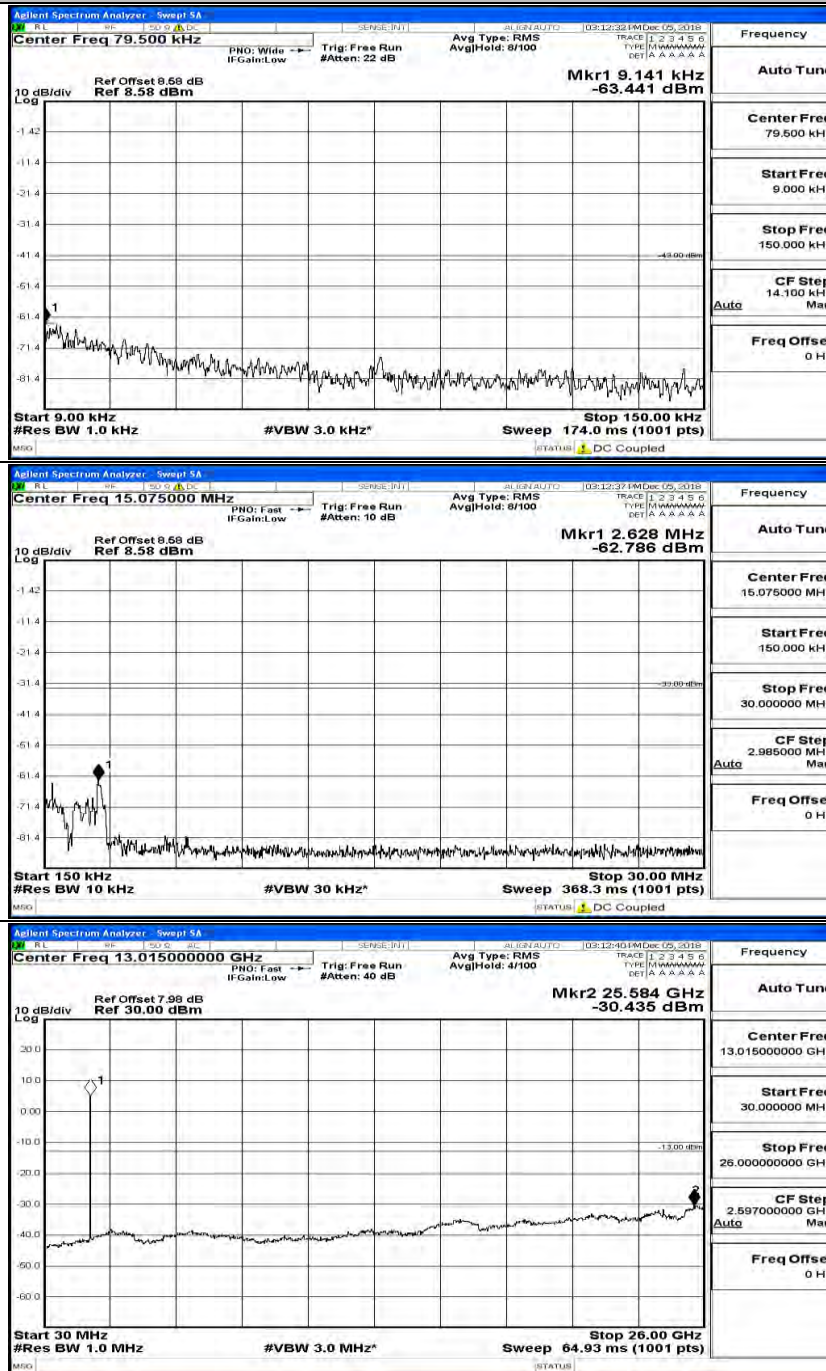


A.5 Conducted Spurious Emission

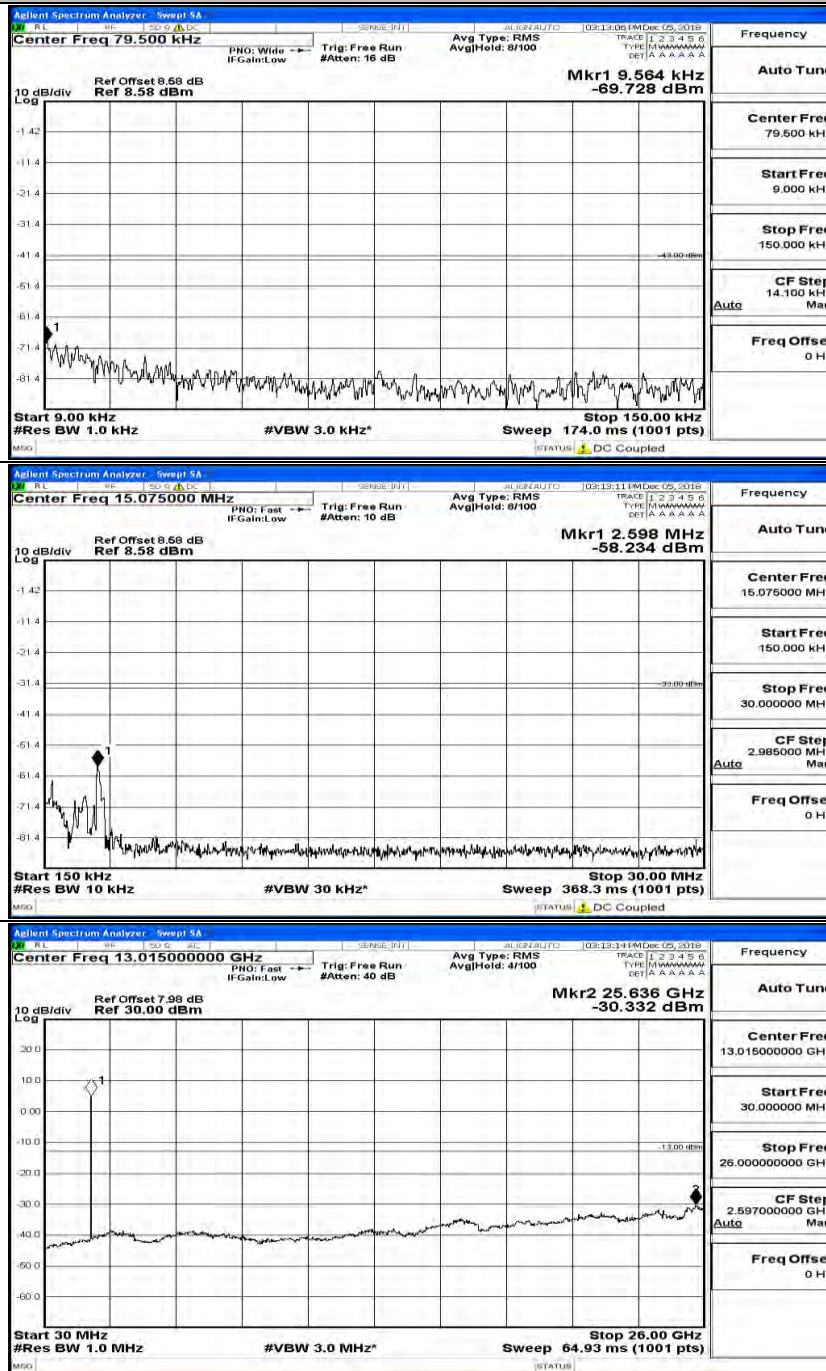
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



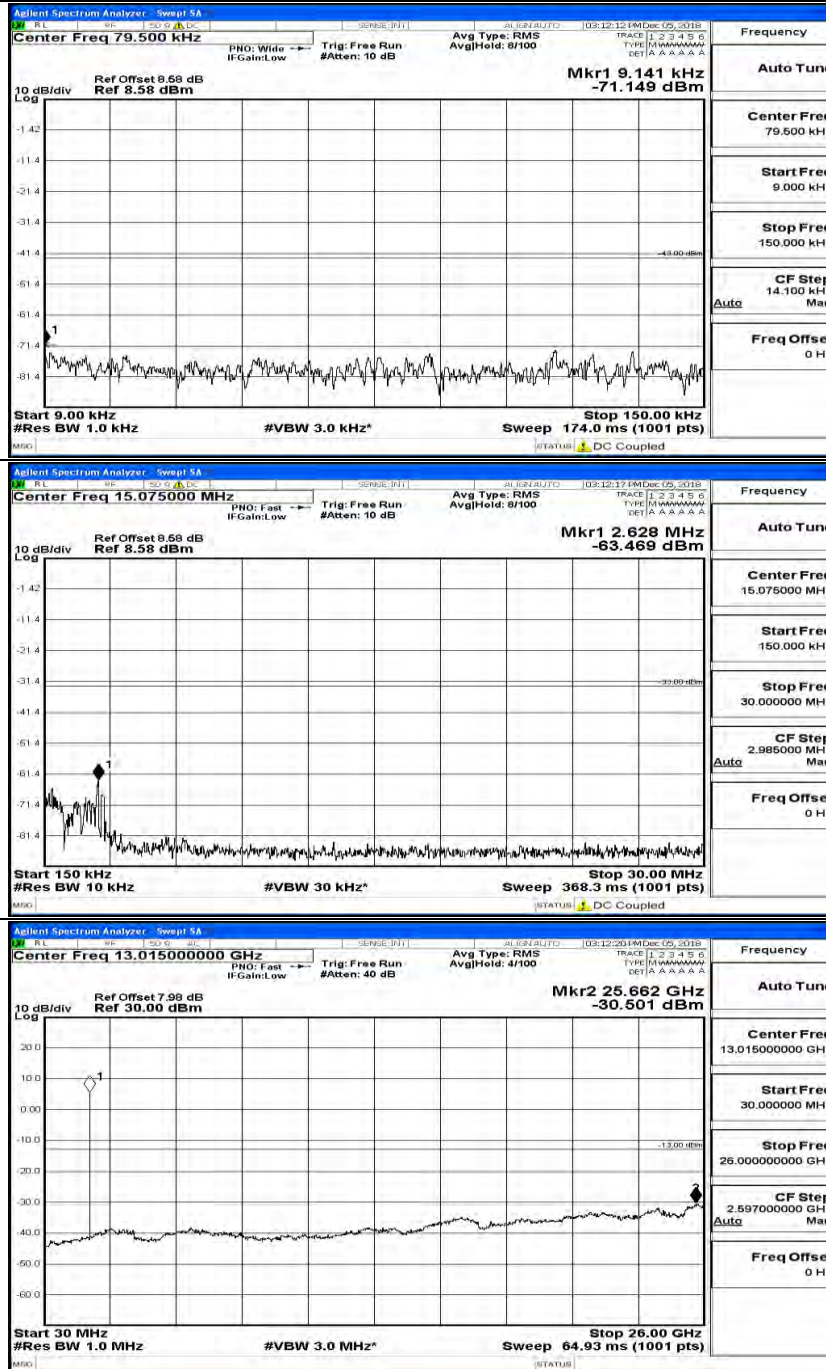
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM

The figure displays three screenshots of an Agilent Spectrum Analyzer, showing the frequency spectrum of a signal at different stages of a test. The top graph shows a noisy signal at 79.500 kHz. The middle graph shows a signal at 15.075000 MHz. The bottom graph shows a signal at 13.015000000 GHz with a prominent peak at 25.740 GHz.

Top Graph: Spectrum Analyzer - Sweep 5A

- Center Freq: 79.500 kHz
- Ref Offset: 8.58 dB
- Ref: 8.58 dBm
- Mkr1: 10.551 kHz
- 73.098 dBm
- Start: 9.00 kHz
- Stop: 150.00 kHz
- #Res BW: 1.0 kHz
- #VBW: 3.0 kHz
- Sweep: 174.0 ms (1001 pts)

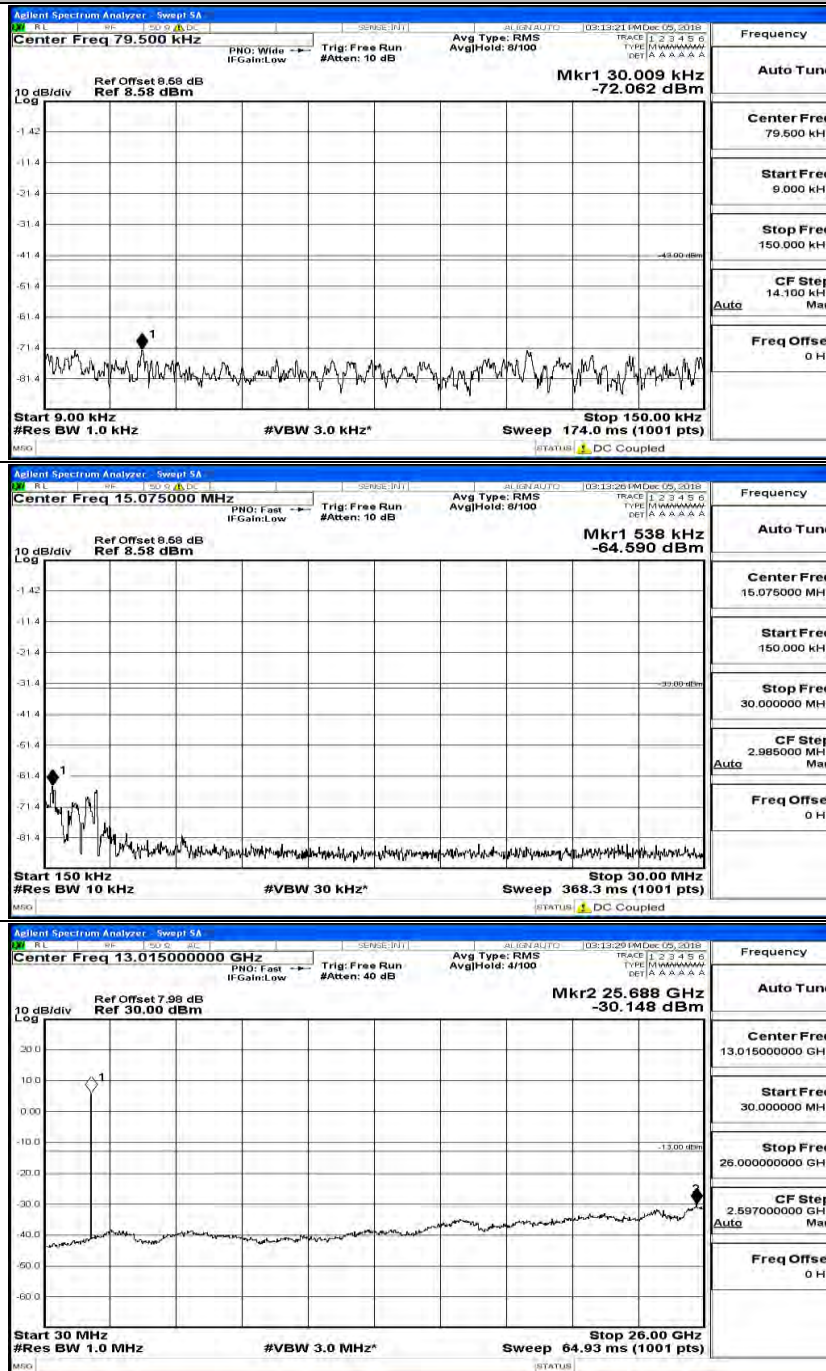
Middle Graph: Spectrum Analyzer - Sweep 5A

- Center Freq: 15.075000 MHz
- Ref Offset: 8.58 dB
- Ref: 8.58 dBm
- Mkr1: 538 kHz
- 65.011 dBm
- Start: 150 kHz
- Stop: 30.00 MHz
- #Res BW: 10 kHz
- #VBW: 30 kHz
- Sweep: 368.3 ms (1001 pts)

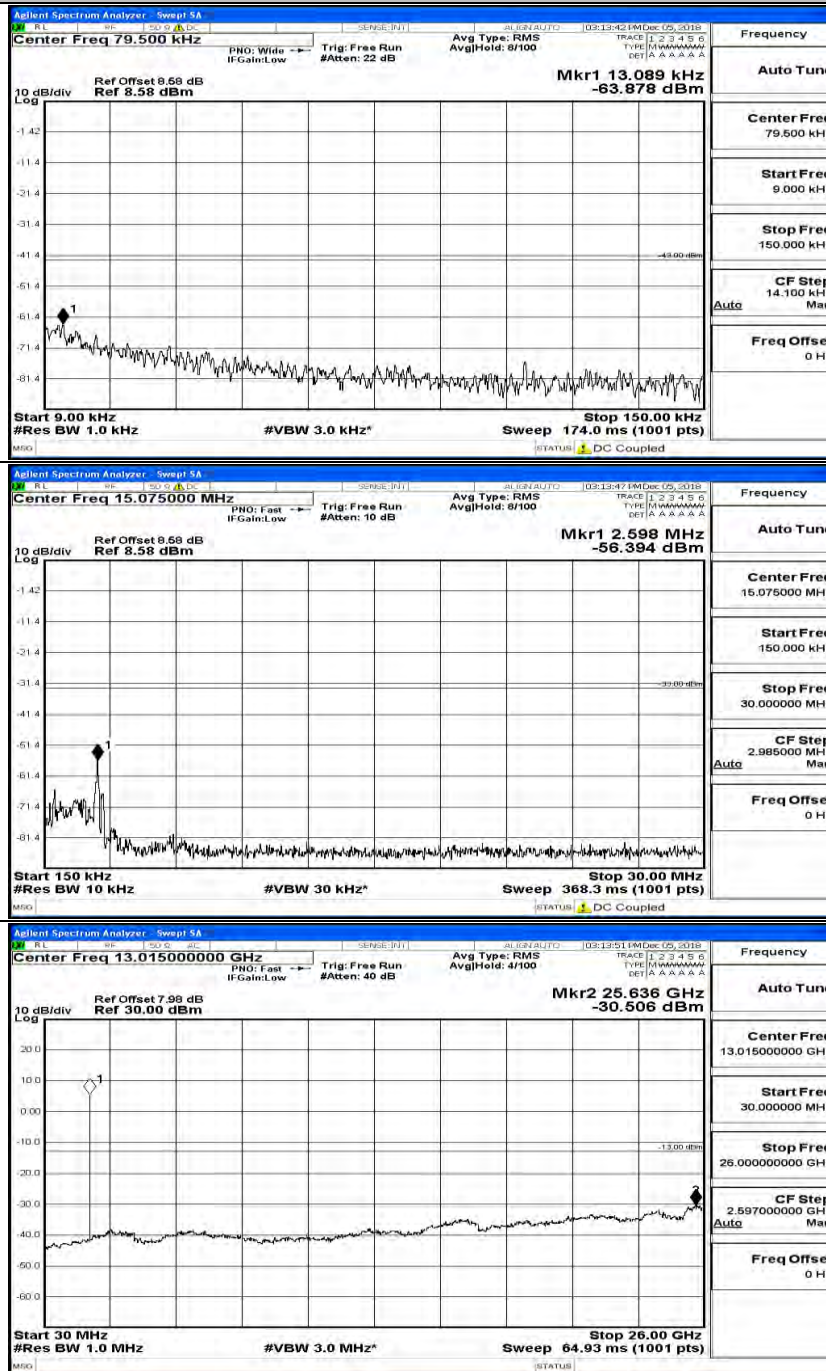
Bottom Graph: Spectrum Analyzer - Sweep 5A

- Center Freq: 13.015000000 GHz
- Ref Offset: 7.98 dB
- Ref: 30.00 dBm
- Mkr2: 25.740 GHz
- 30.626 dBm
- Start: 30 MHz
- Stop: 26.00 GHz
- #Res BW: 1.0 MHz
- #VBW: 3.0 MHz
- Sweep: 64.93 ms (1001 pts)

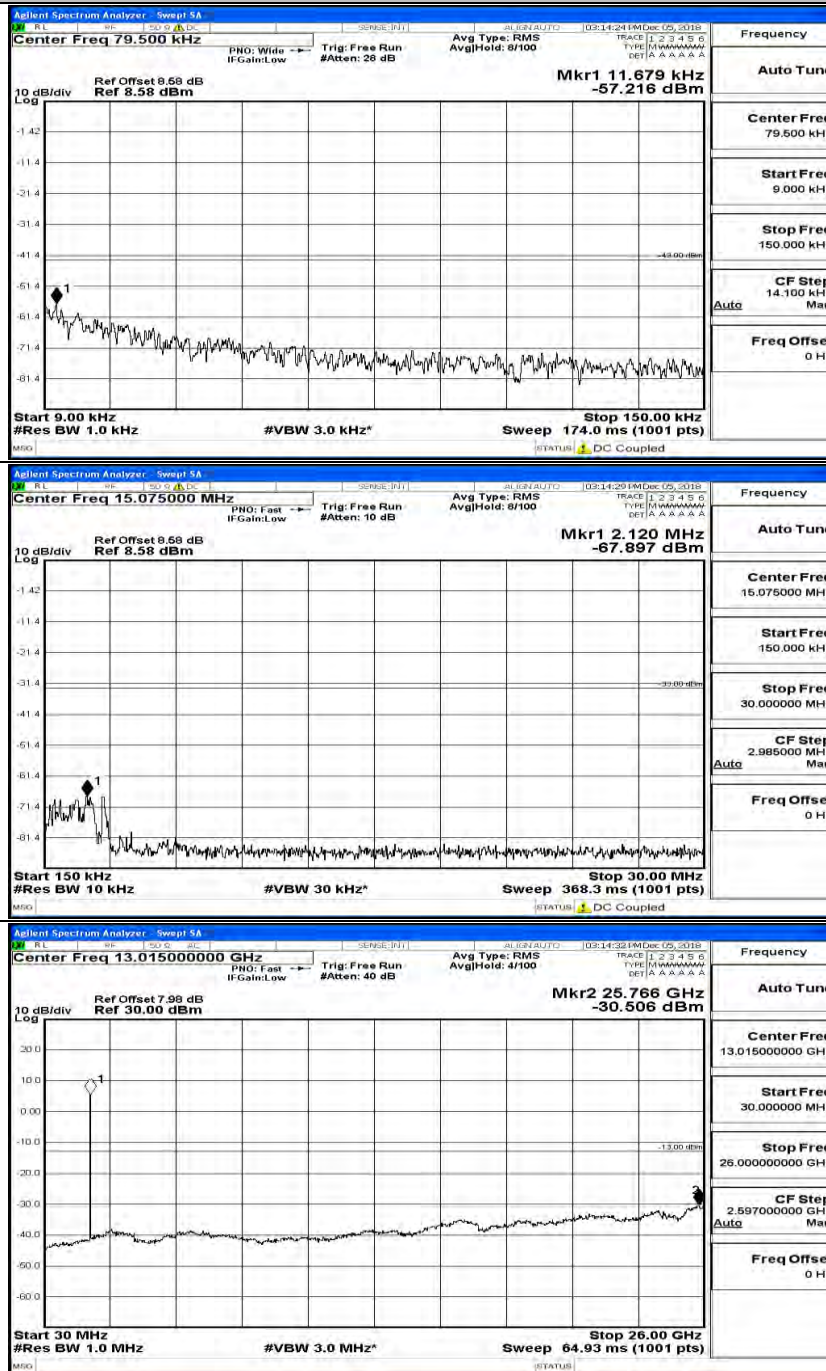
CSE Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



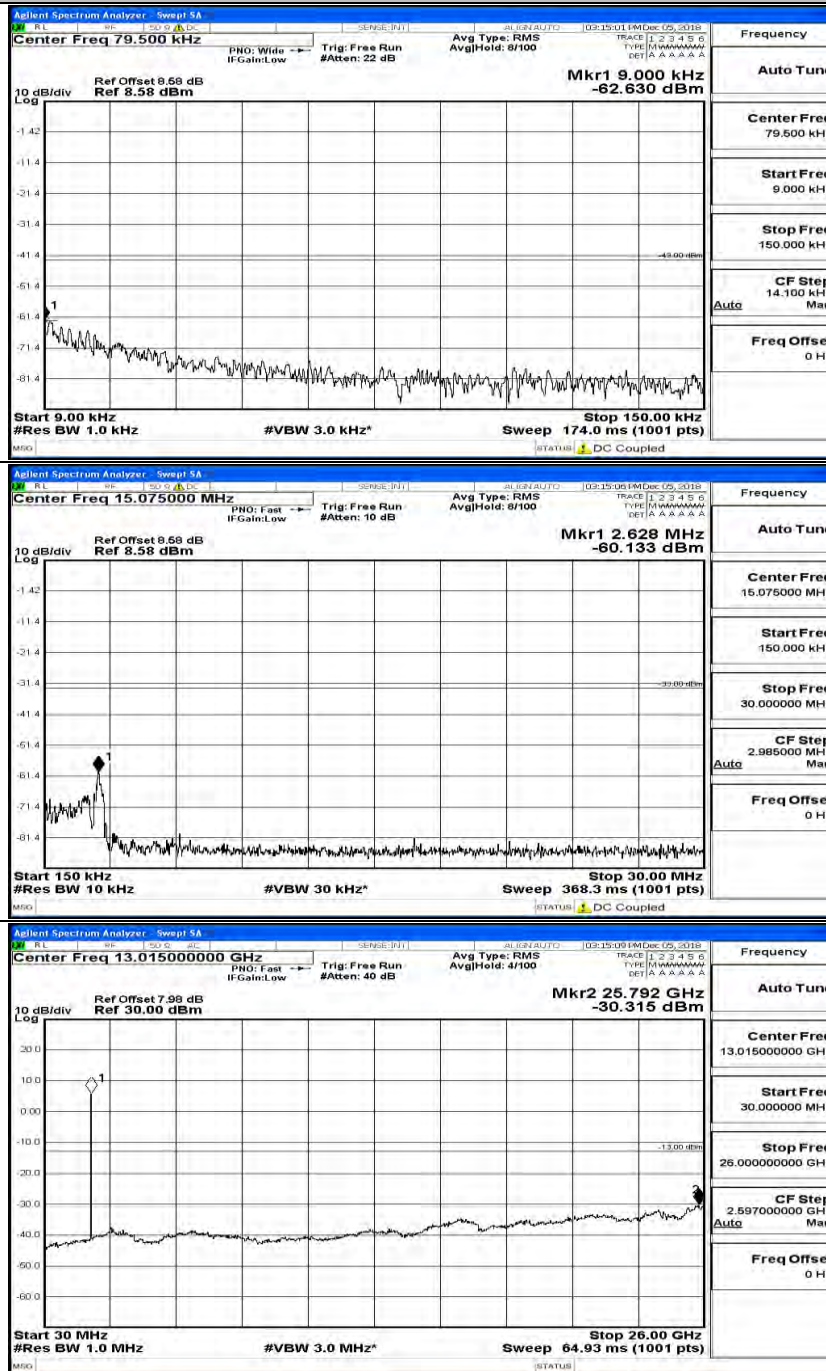
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



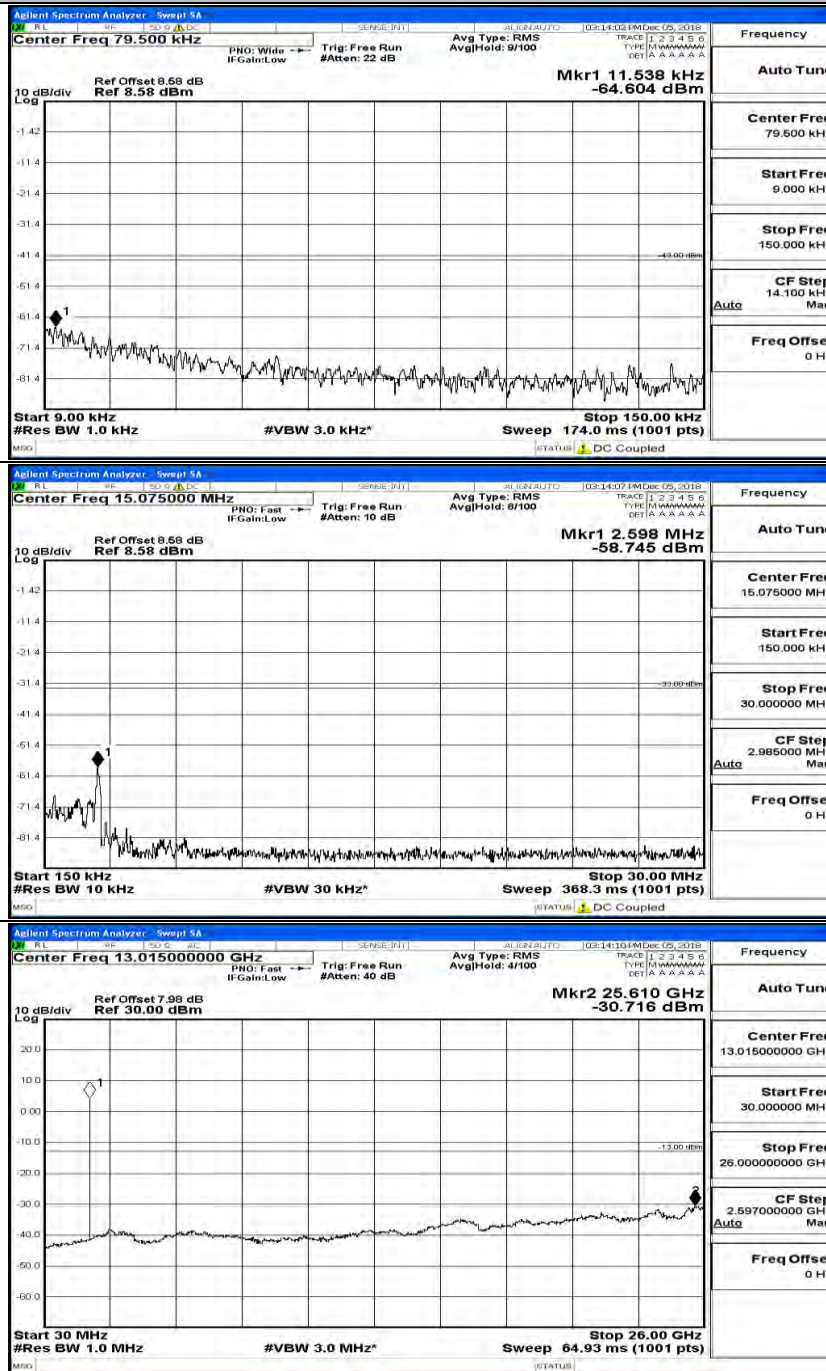
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



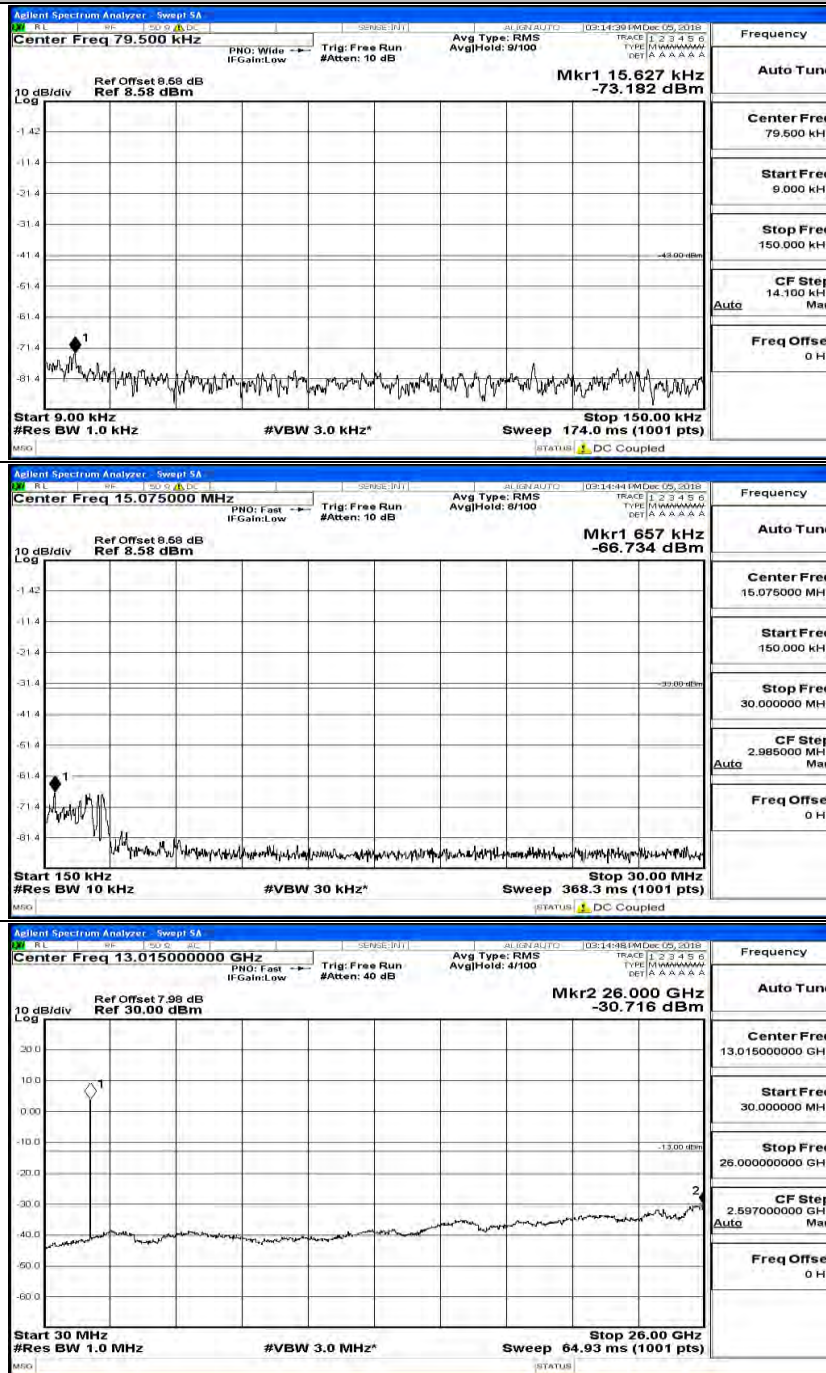
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



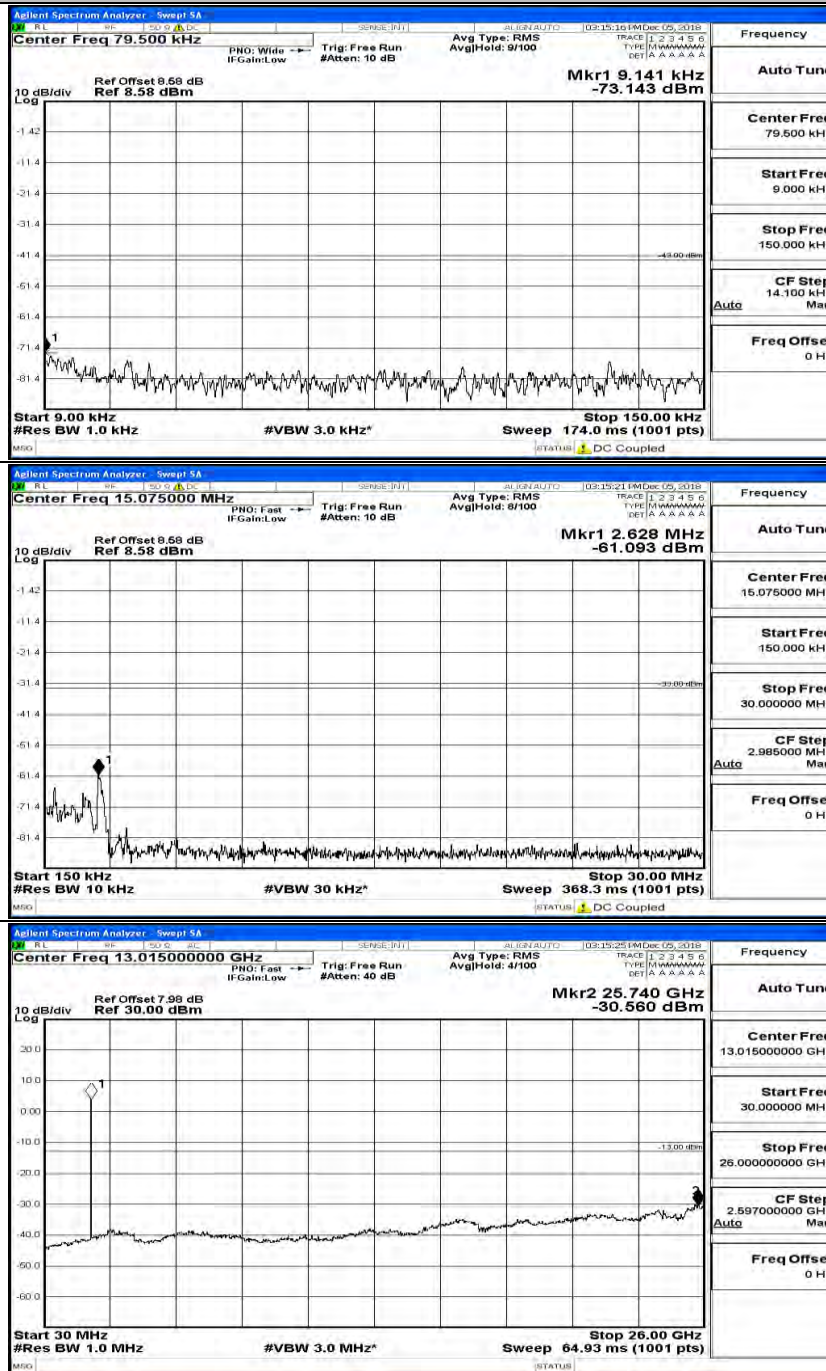
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



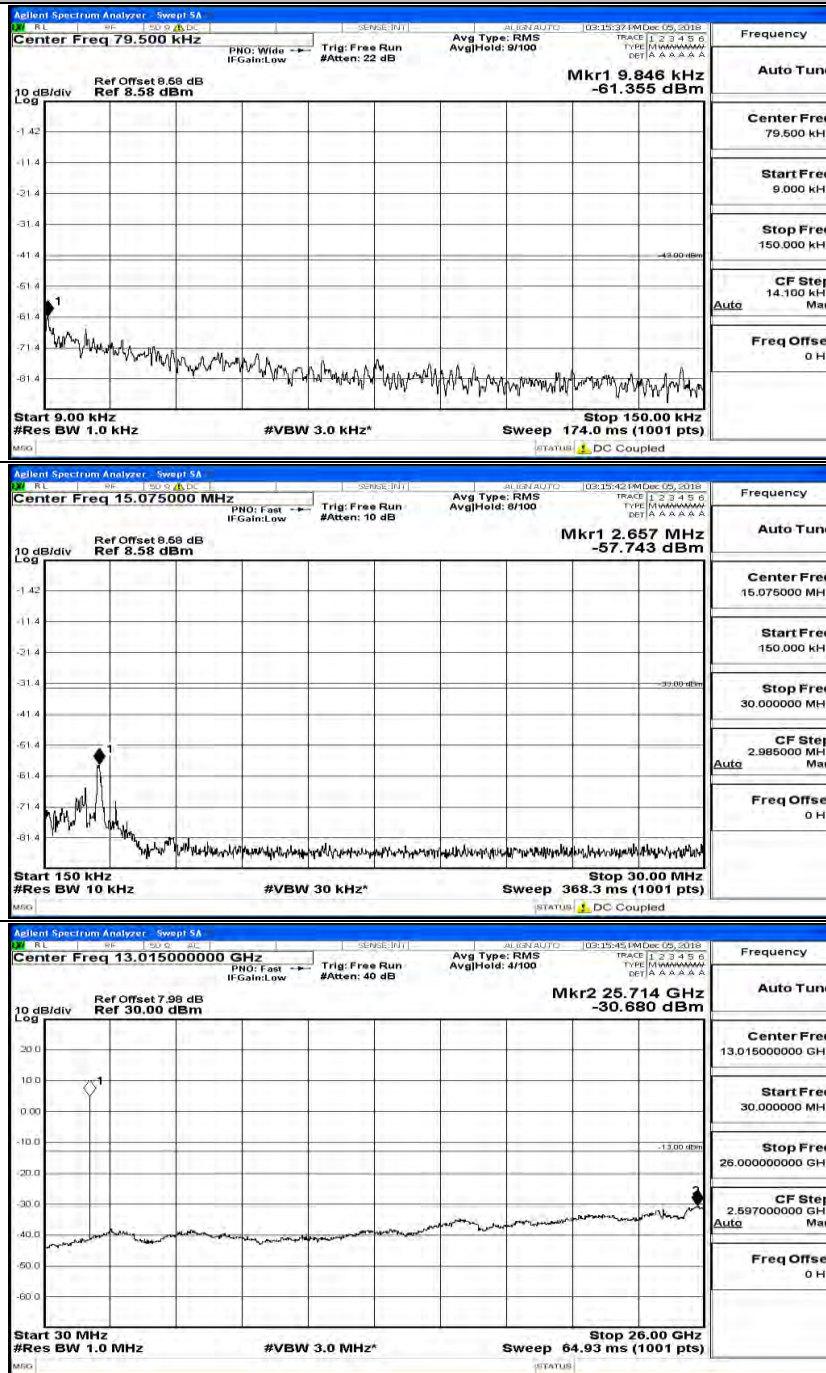
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



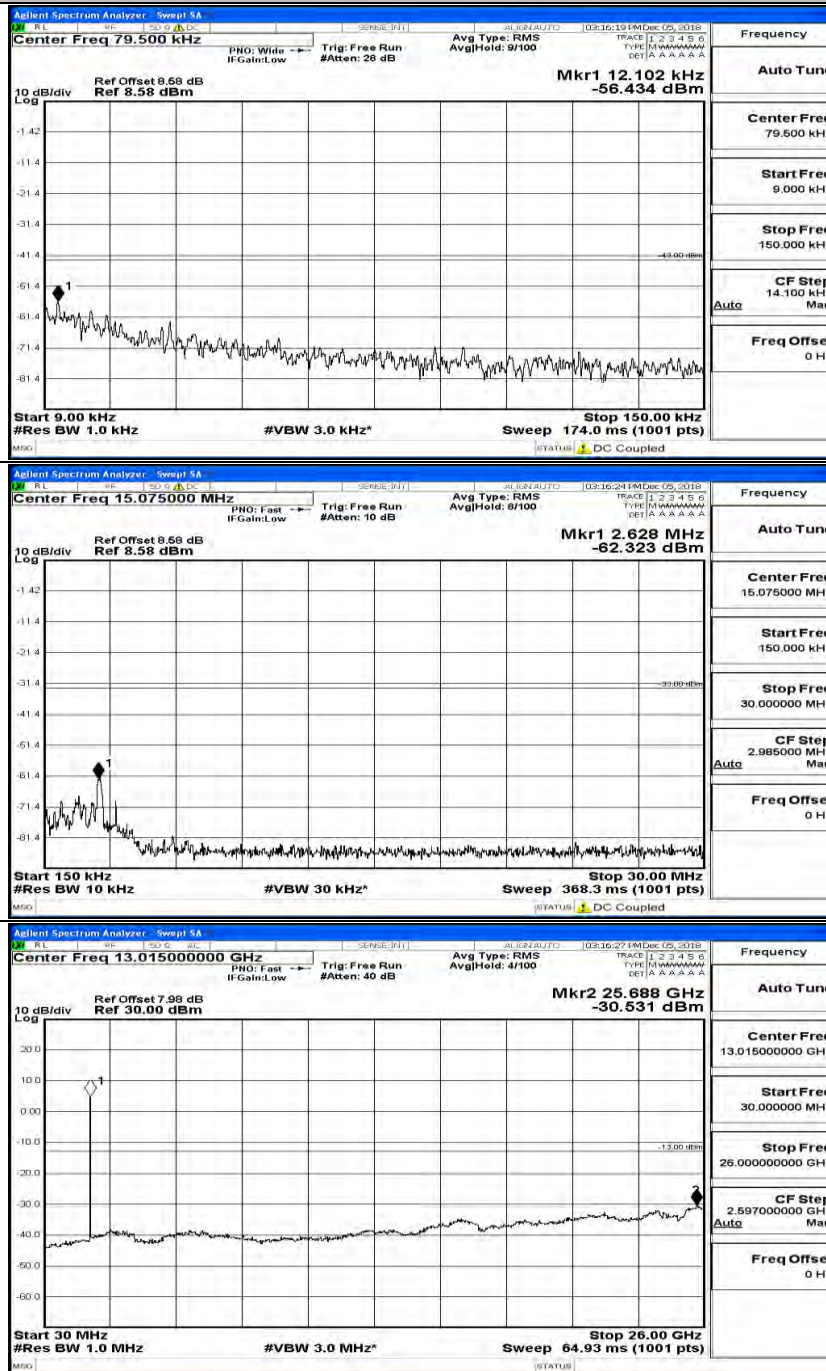
CSE Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



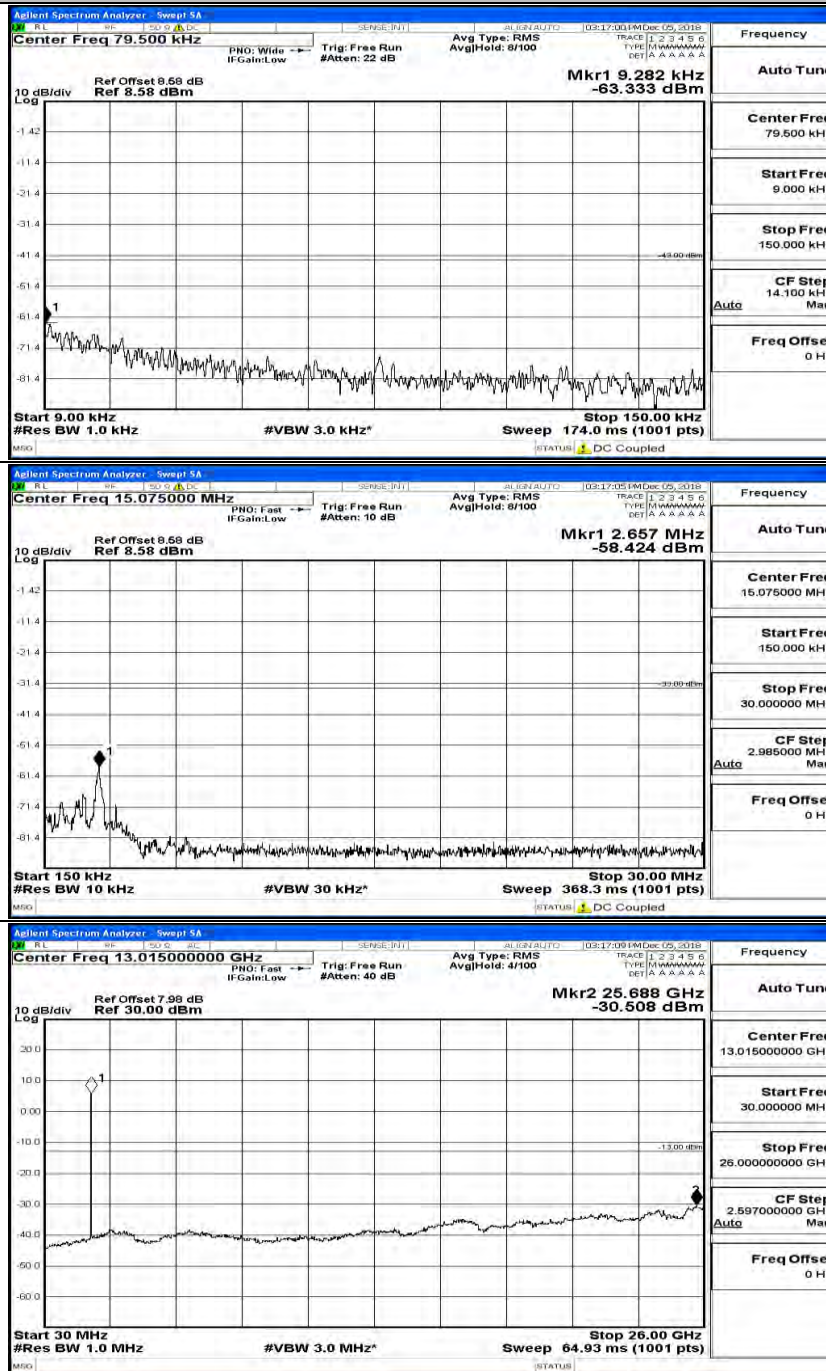
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



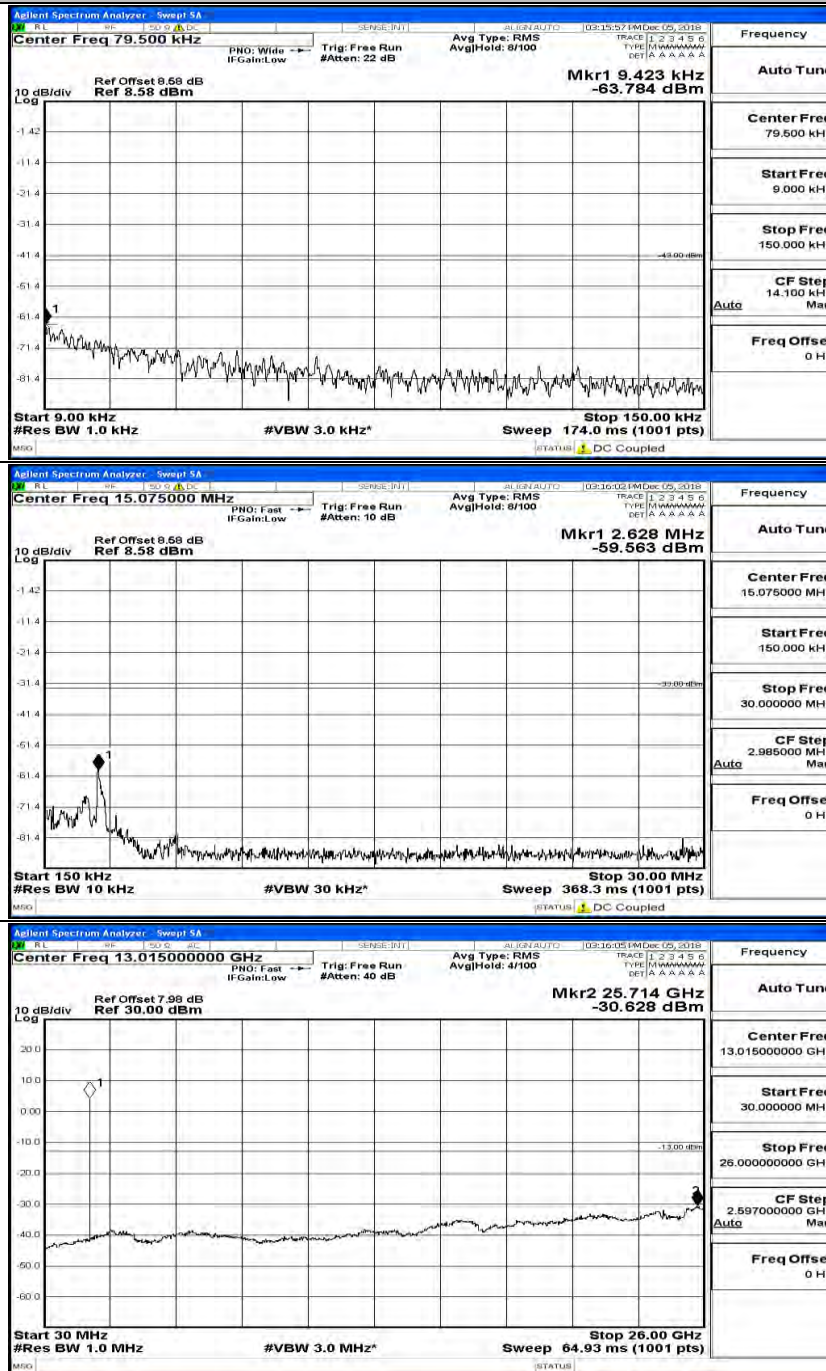
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



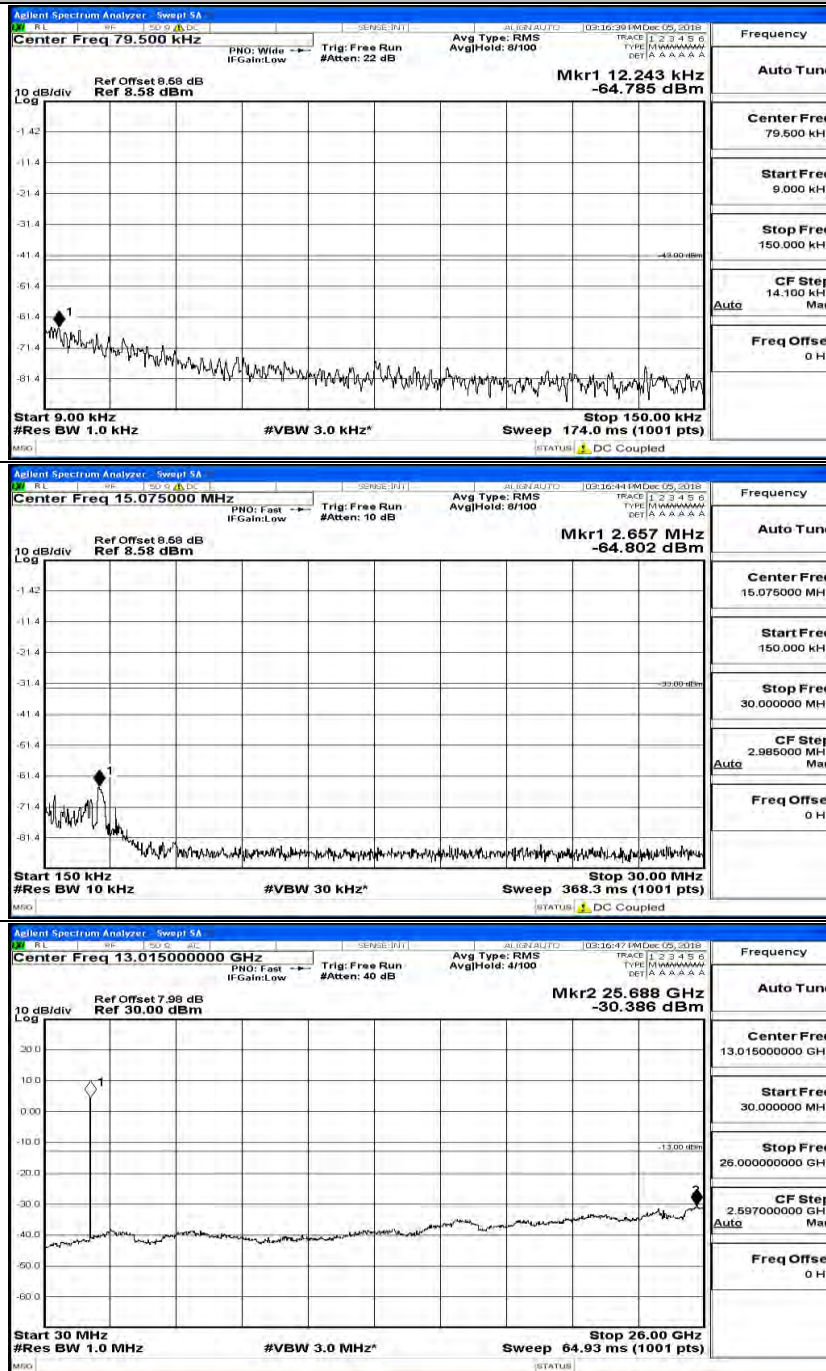
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



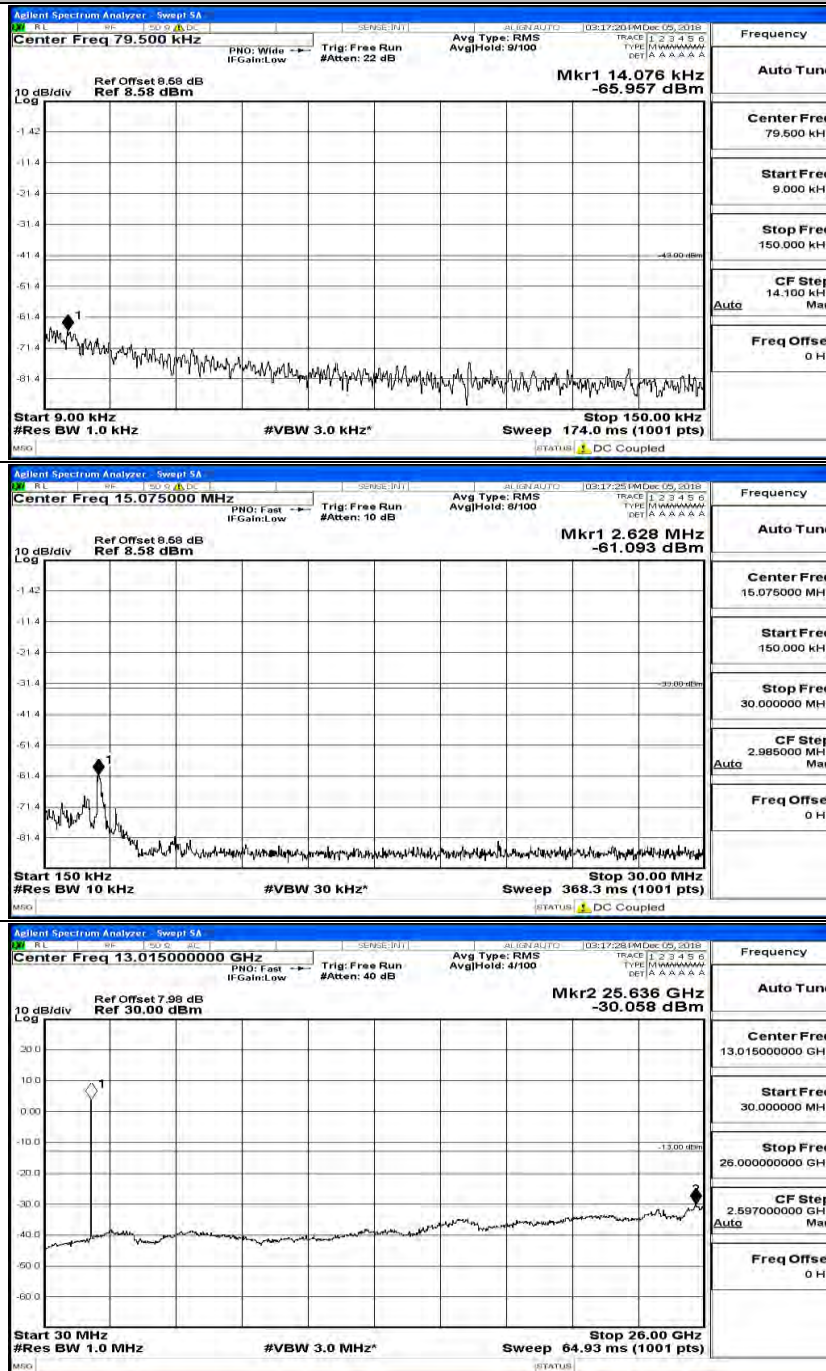
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



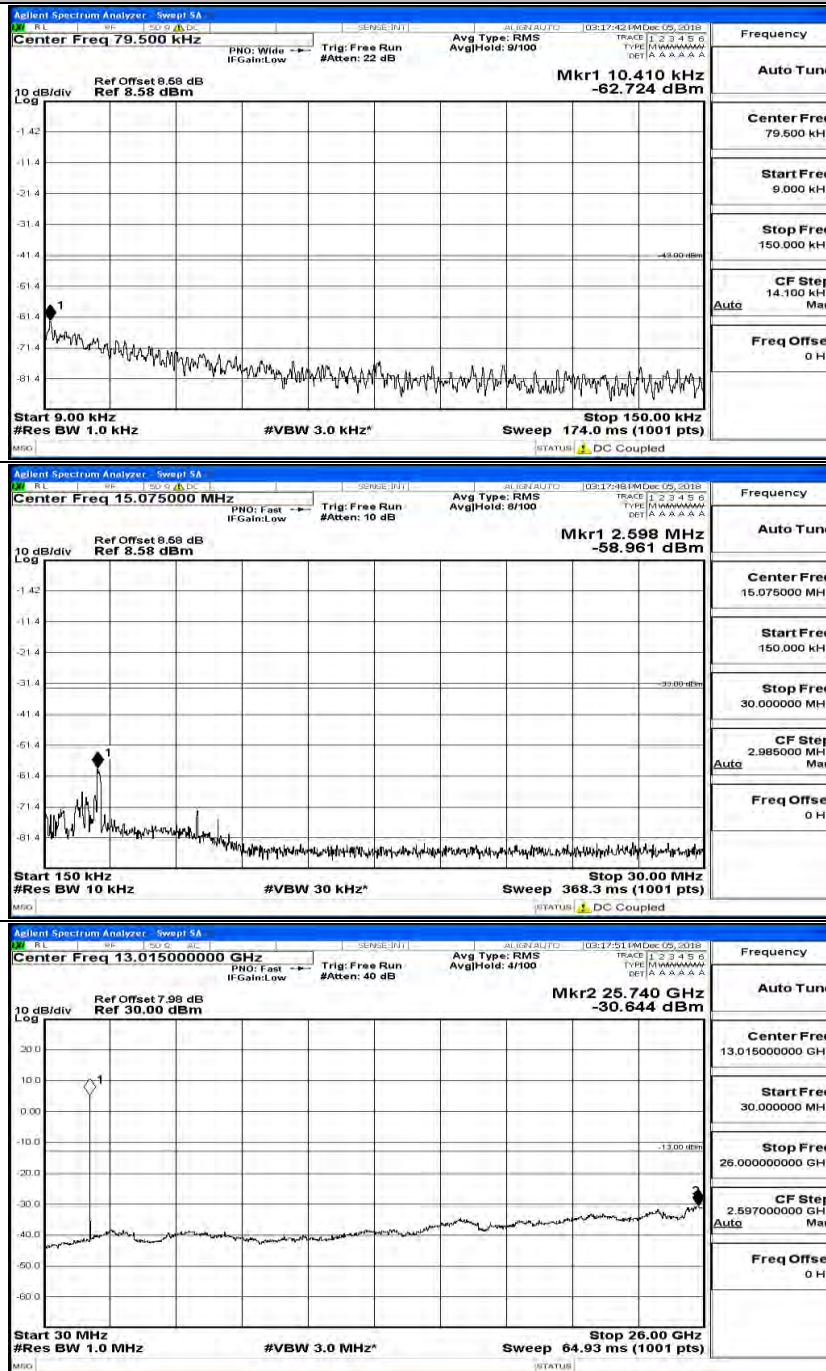
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



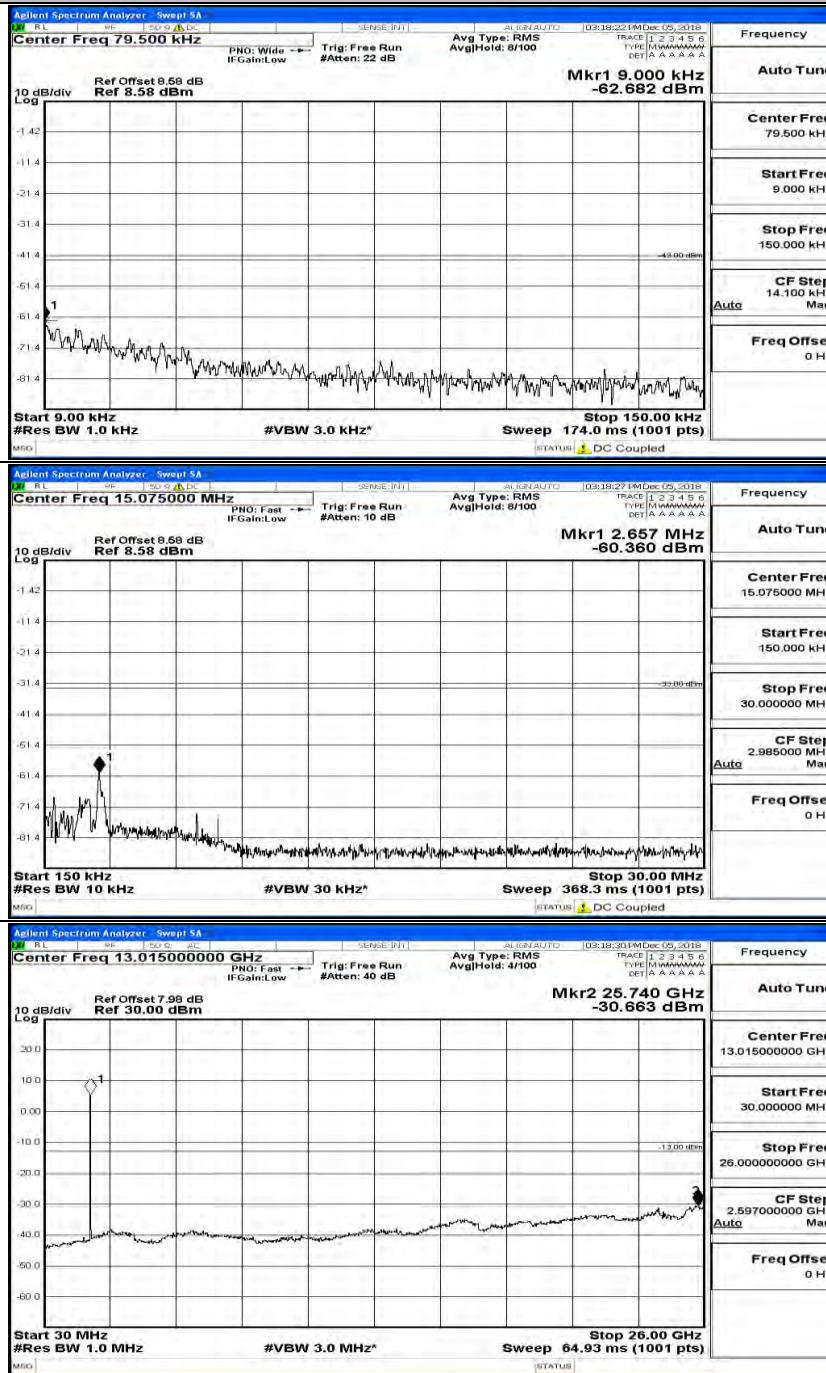
CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



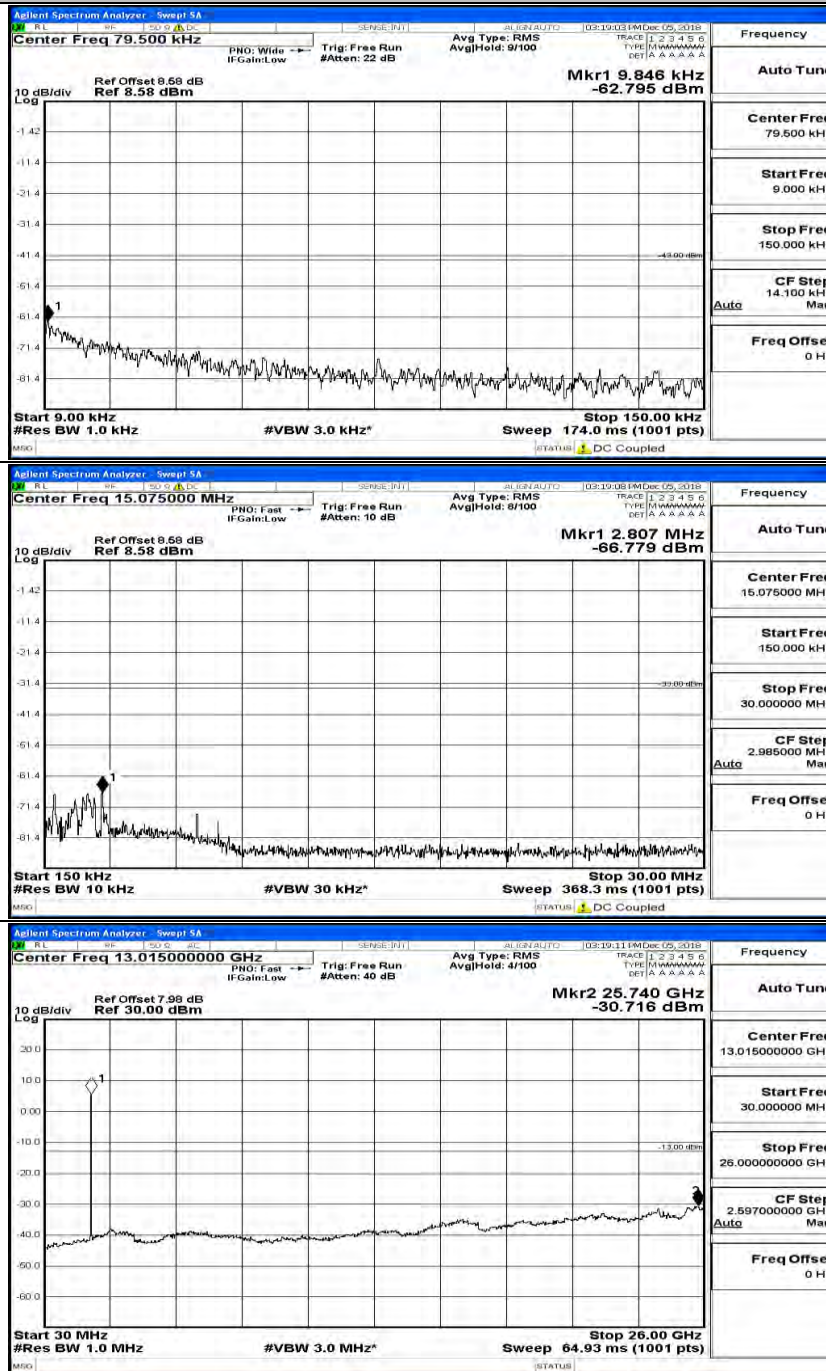
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



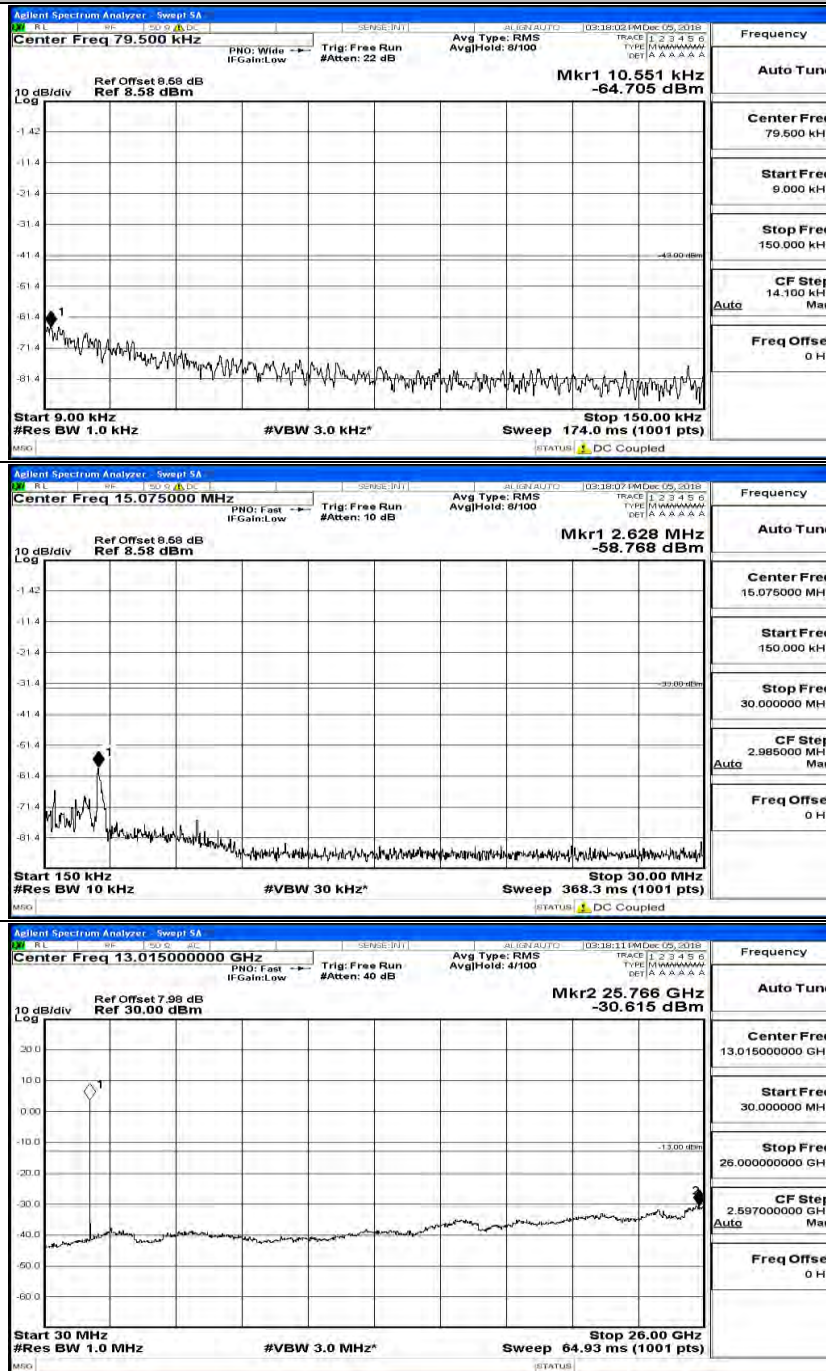
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



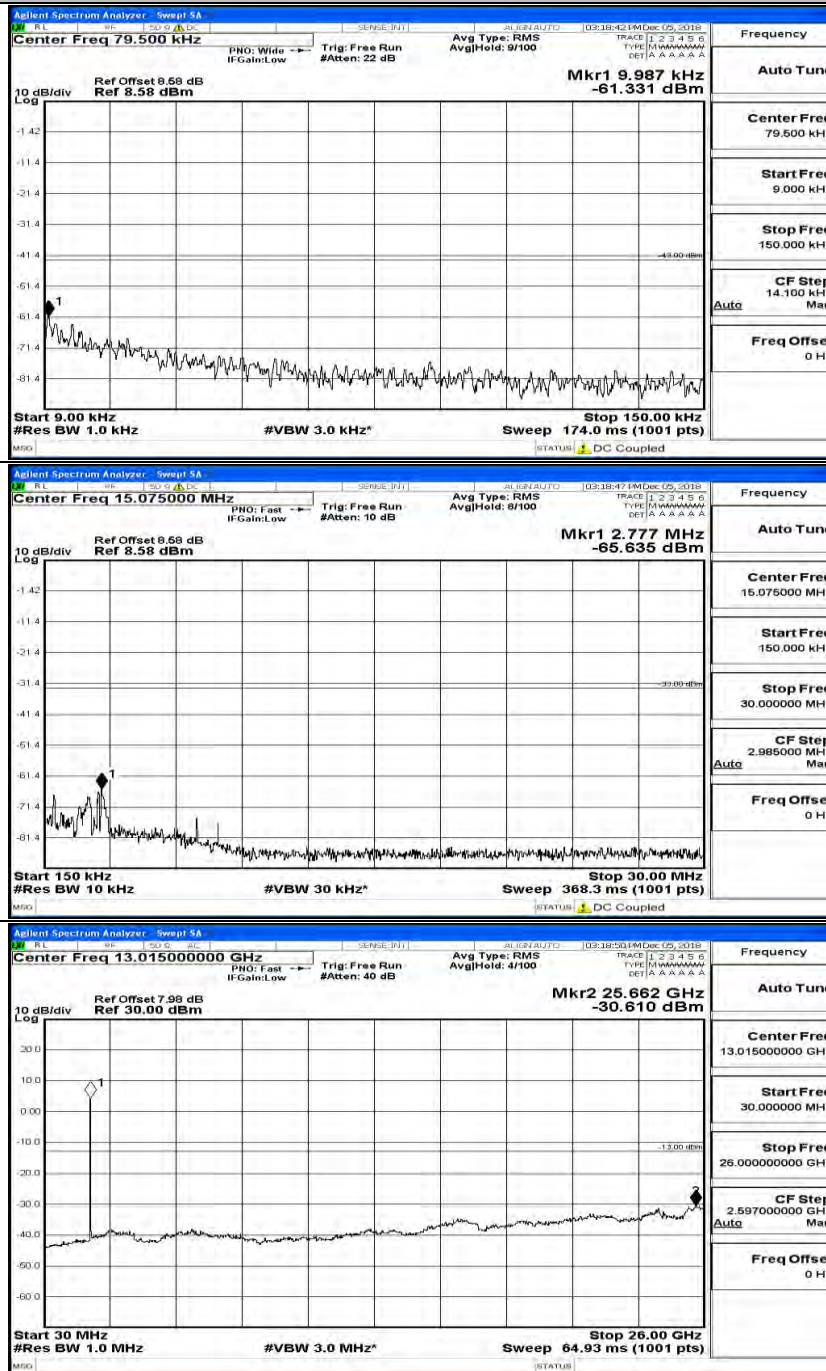
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



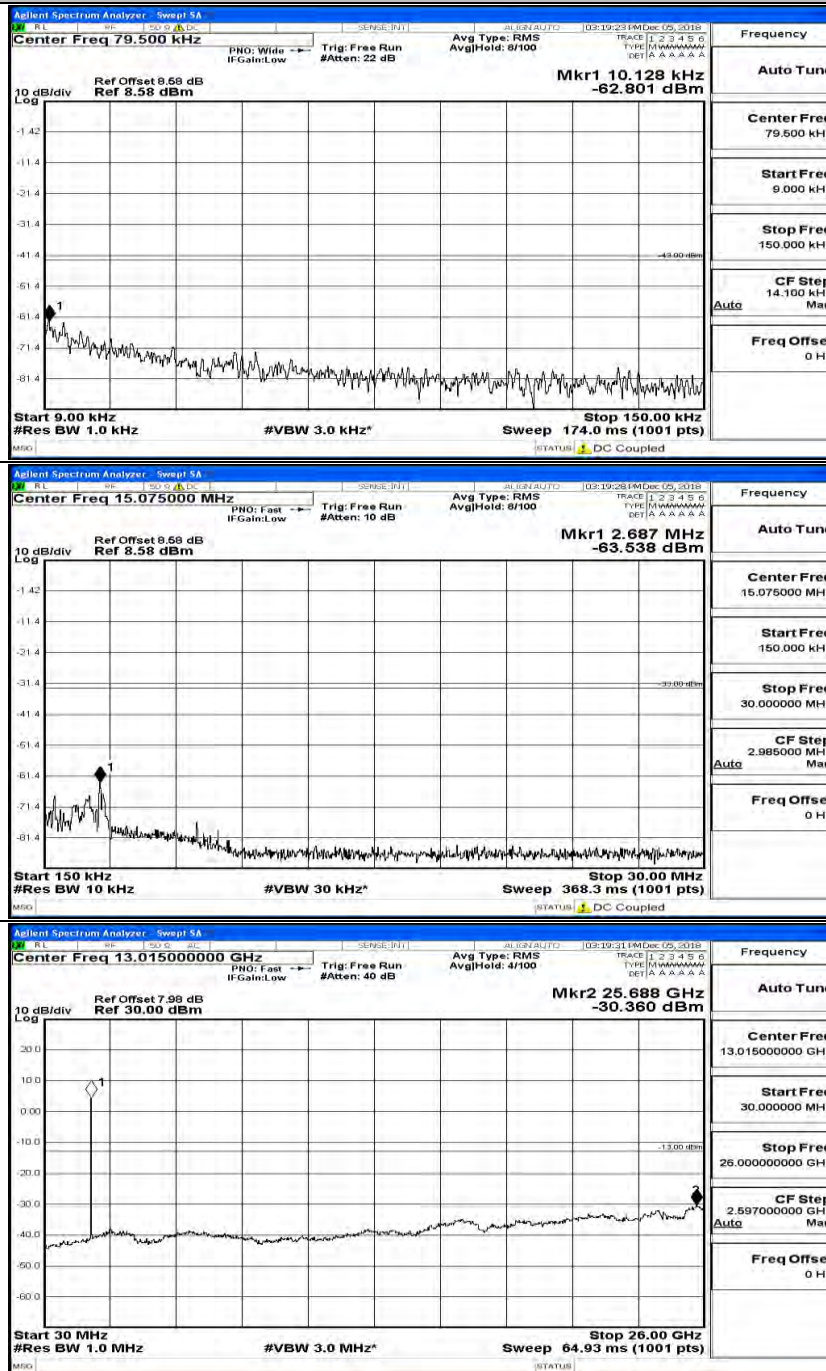
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



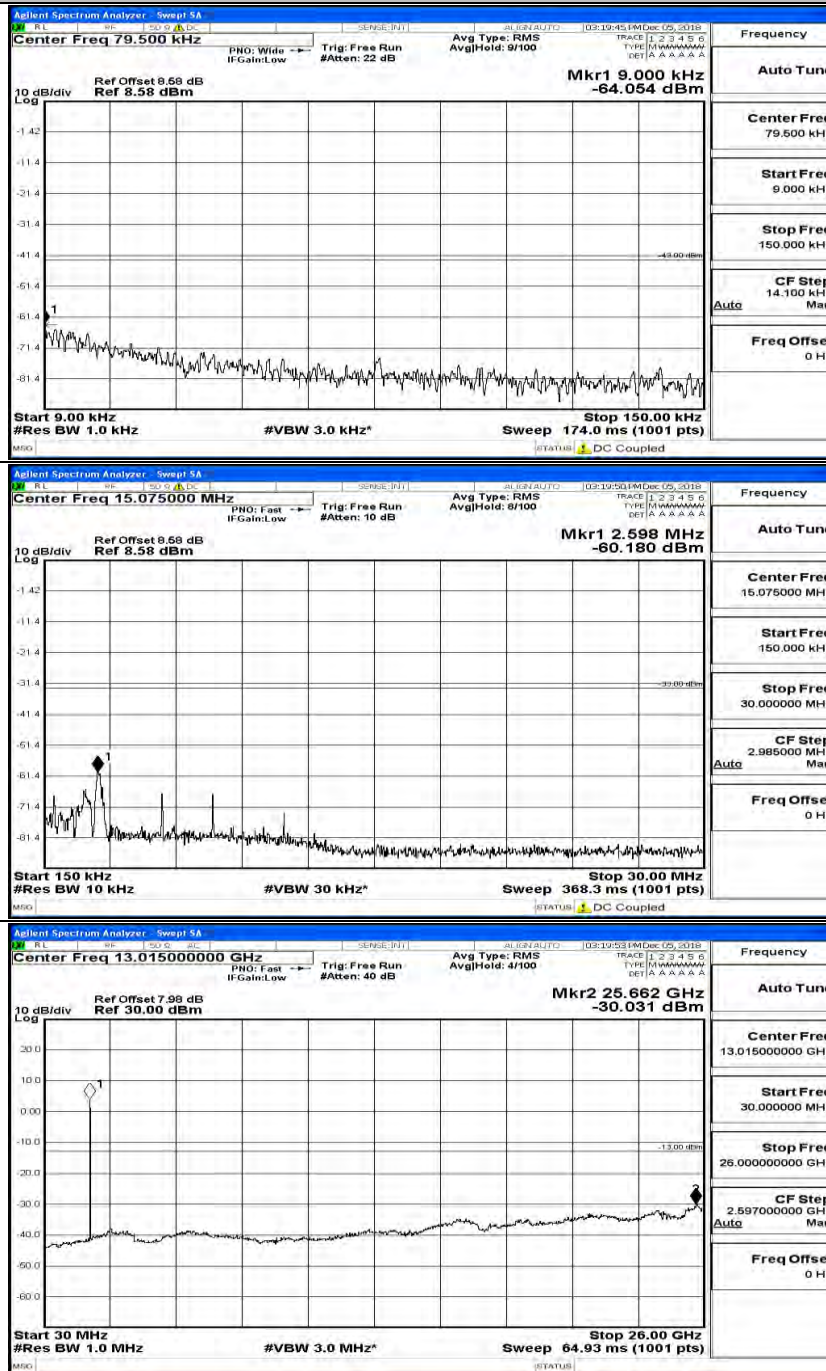
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



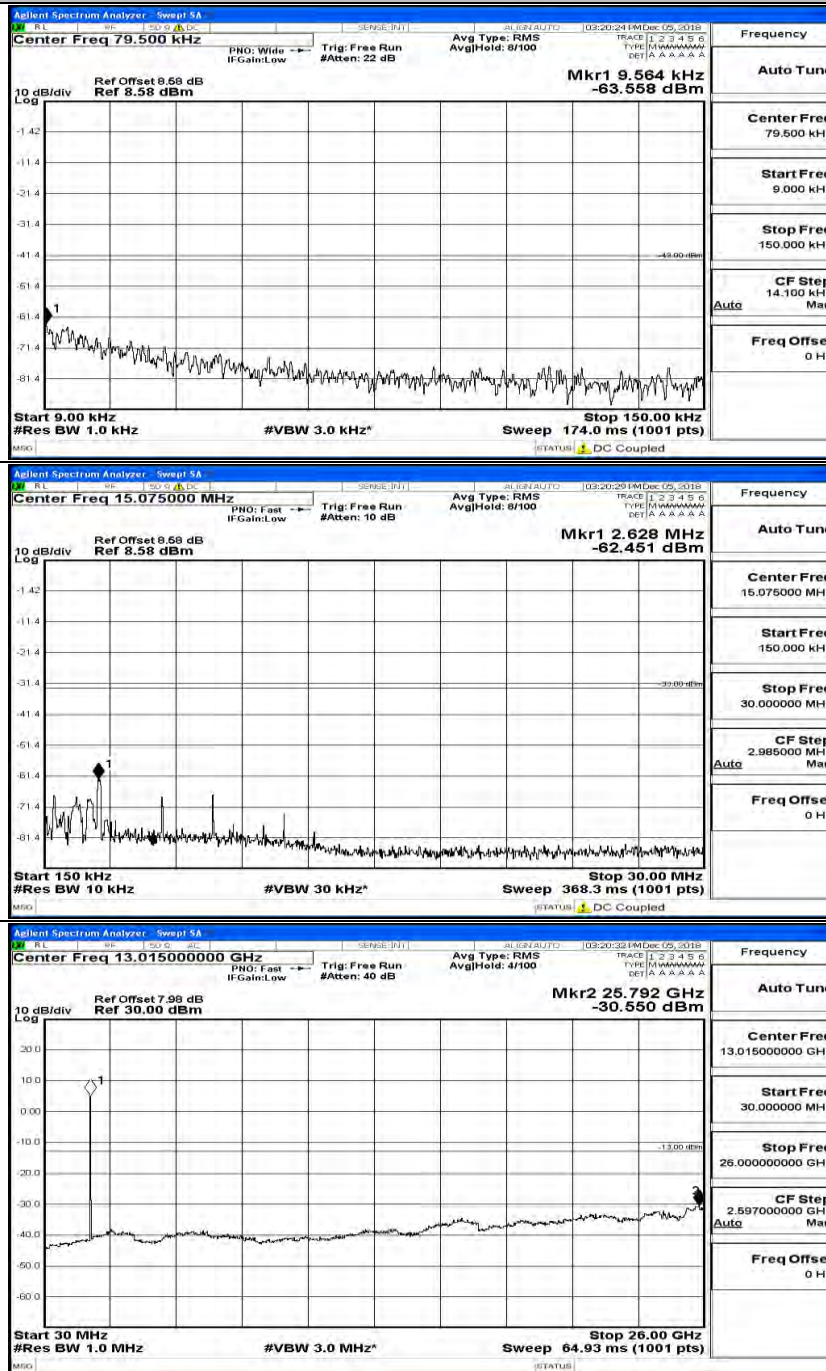
CSE Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



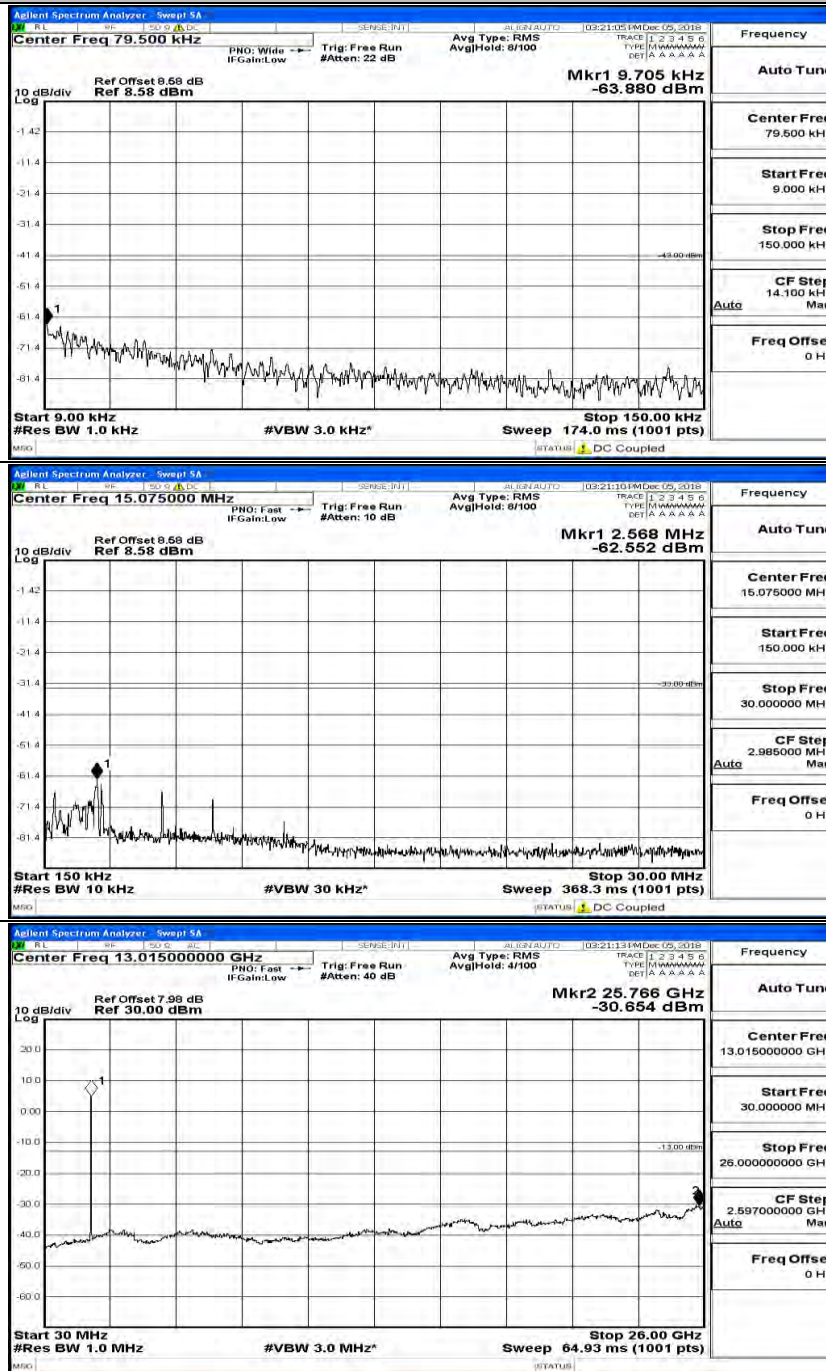
CSE Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



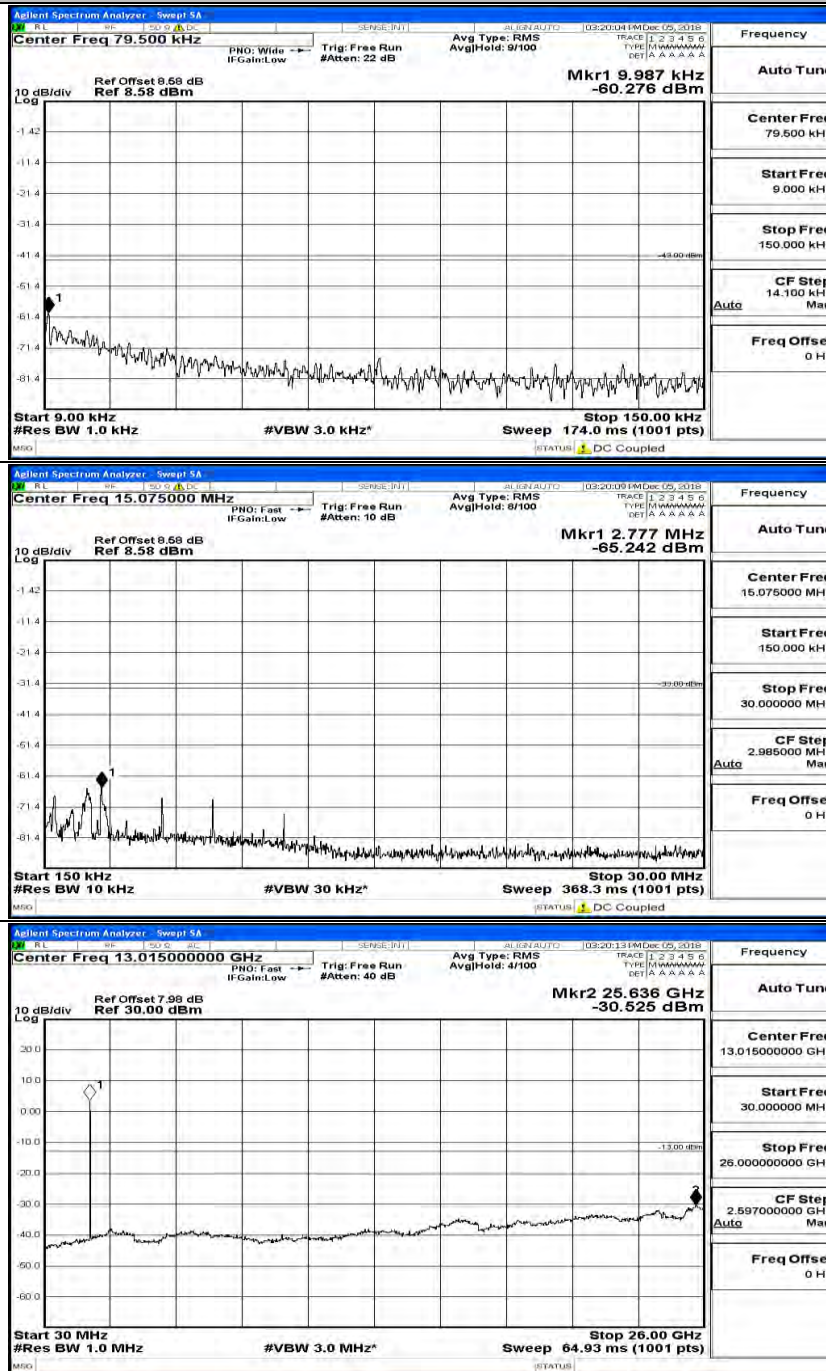
CSE Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



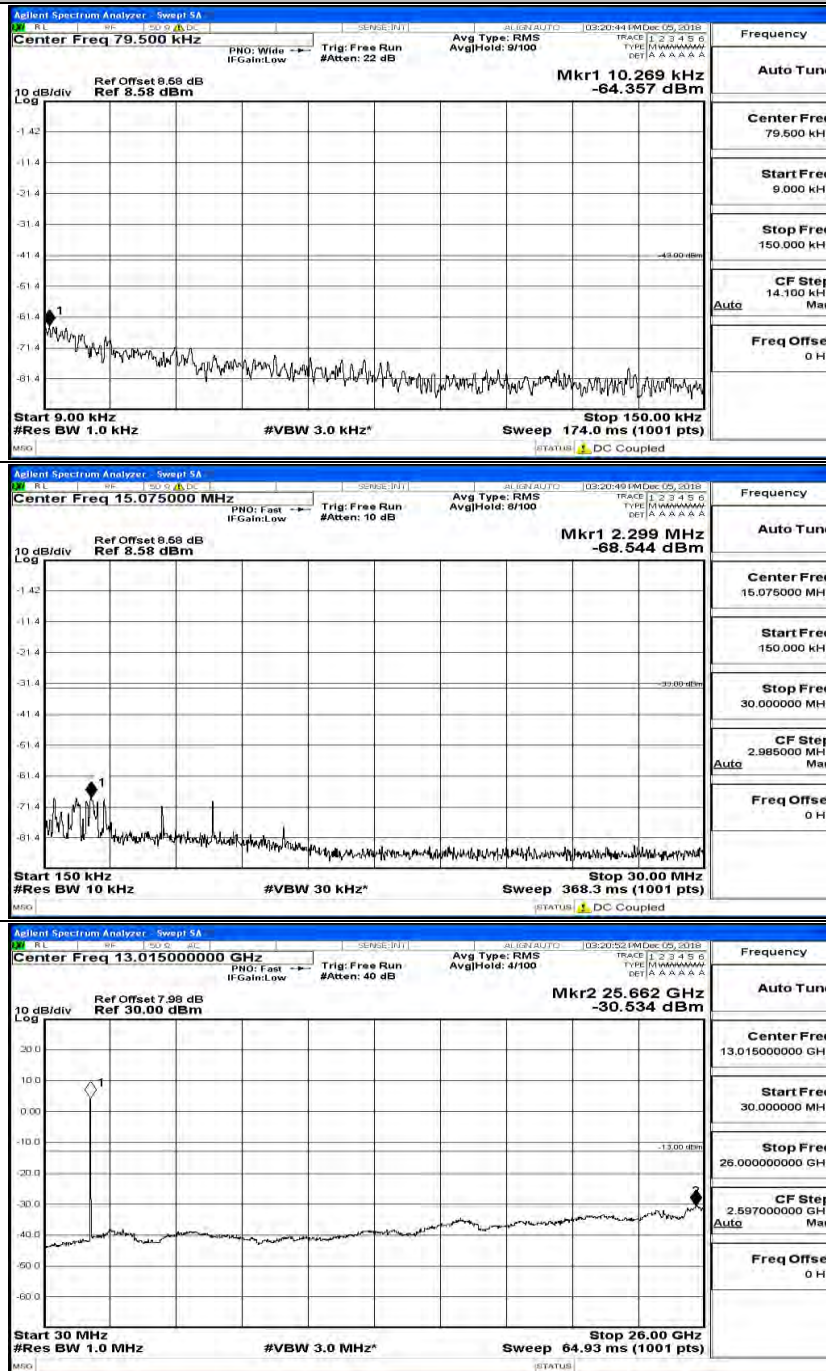
CSE Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



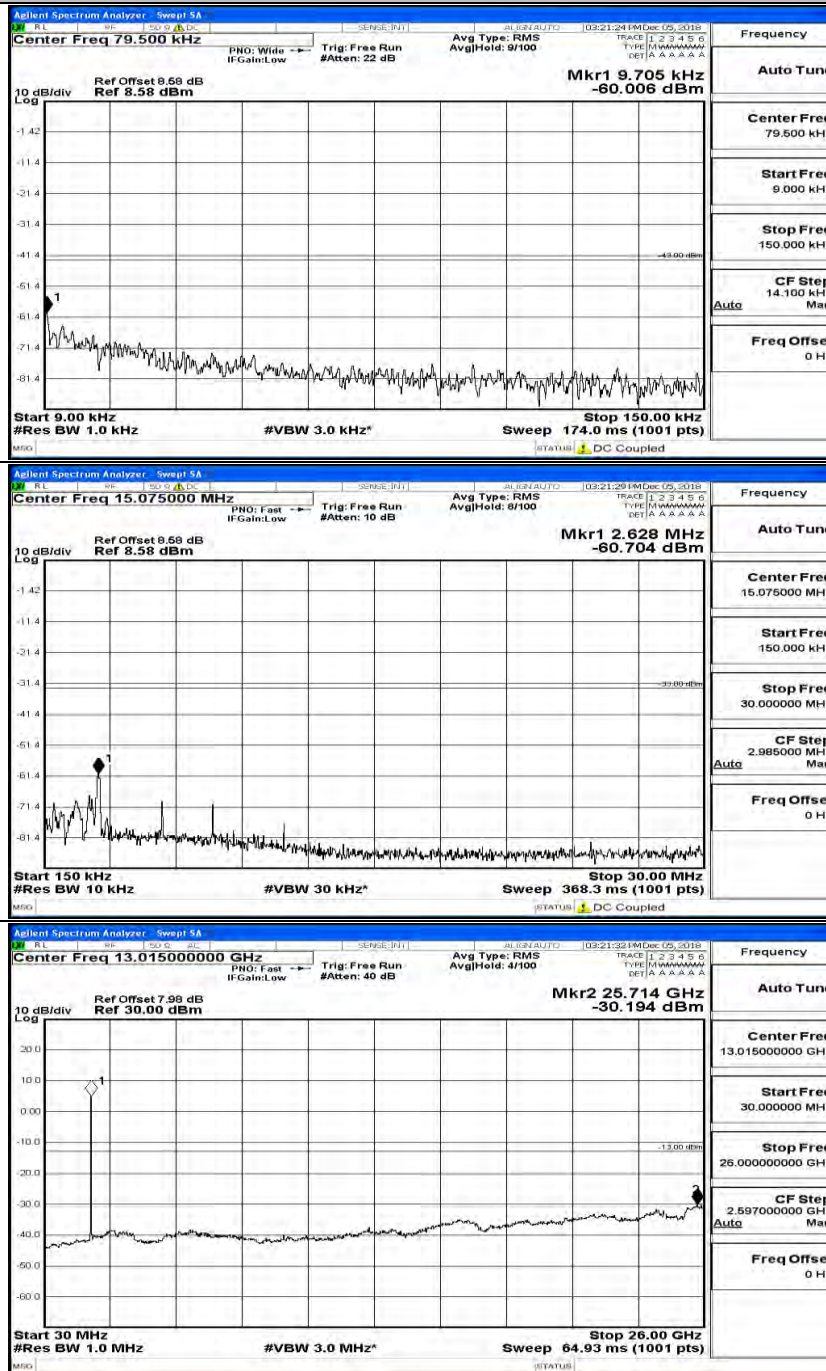
CSE Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



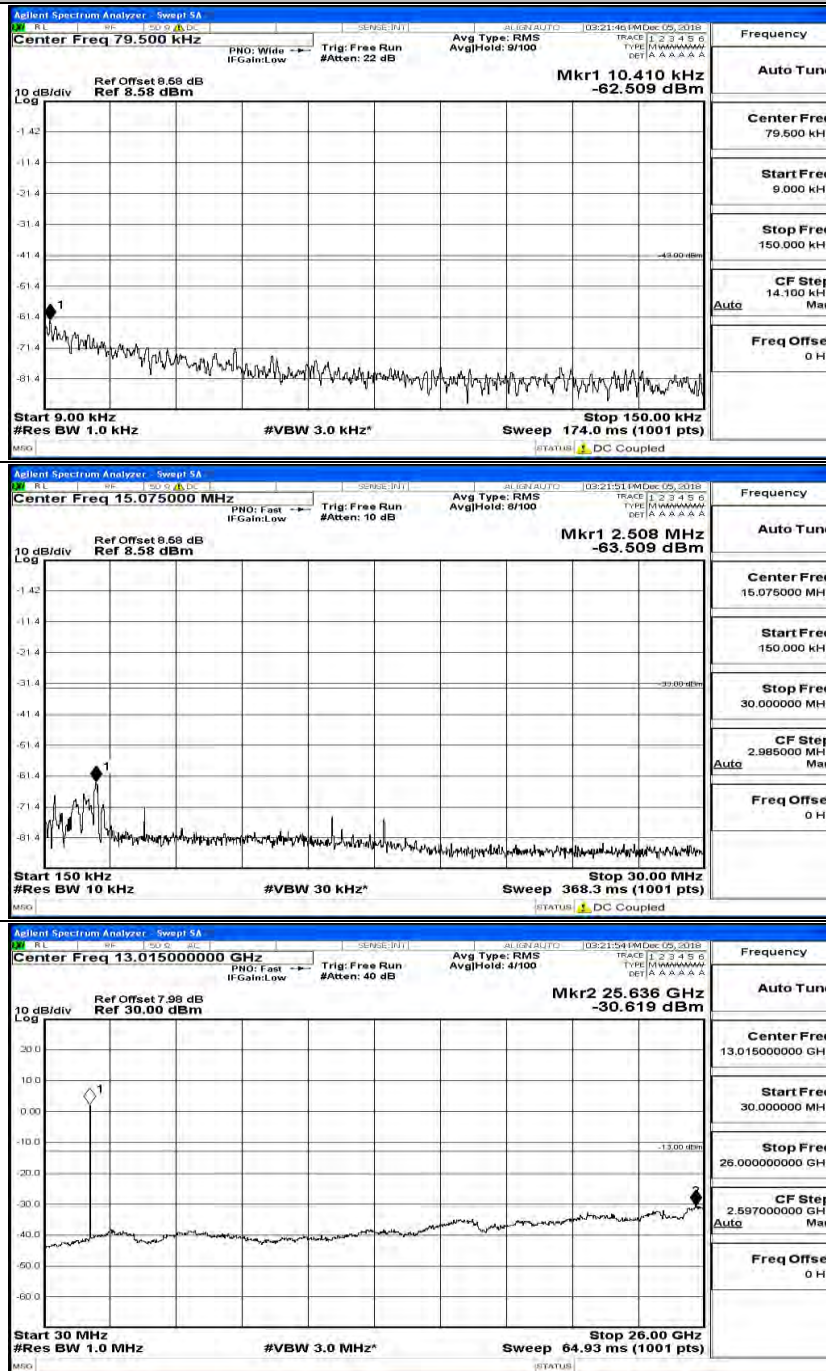
CSE Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



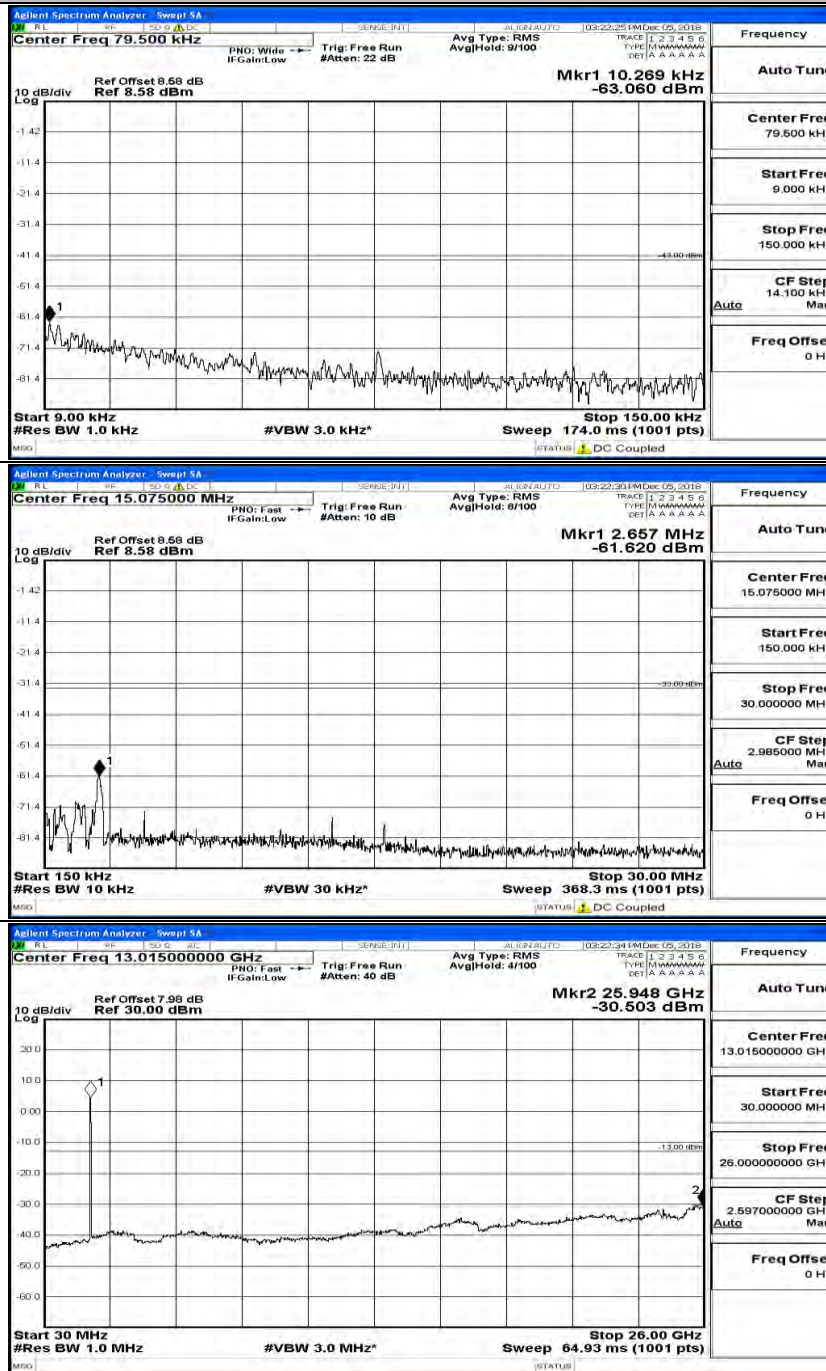
CSE Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



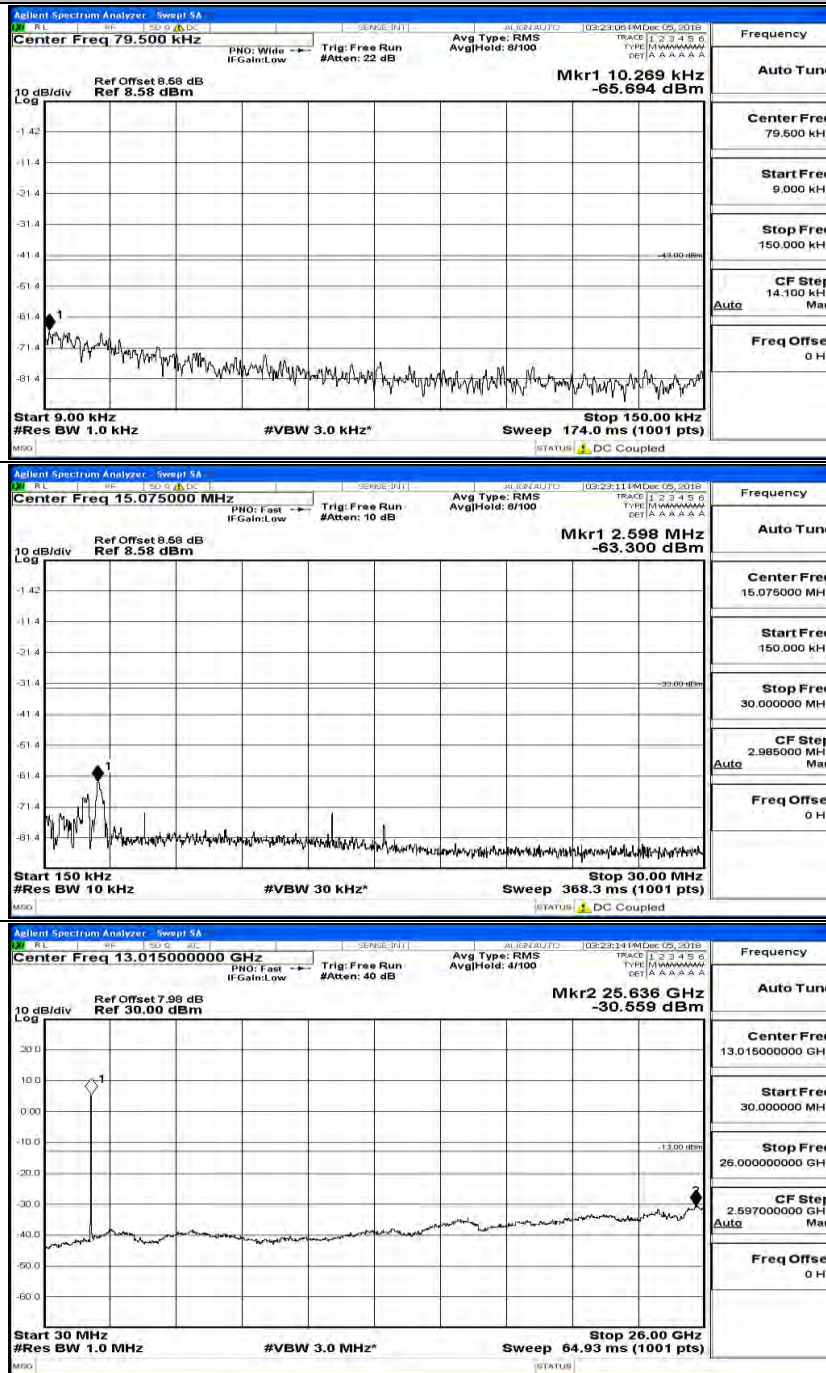
CSE Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



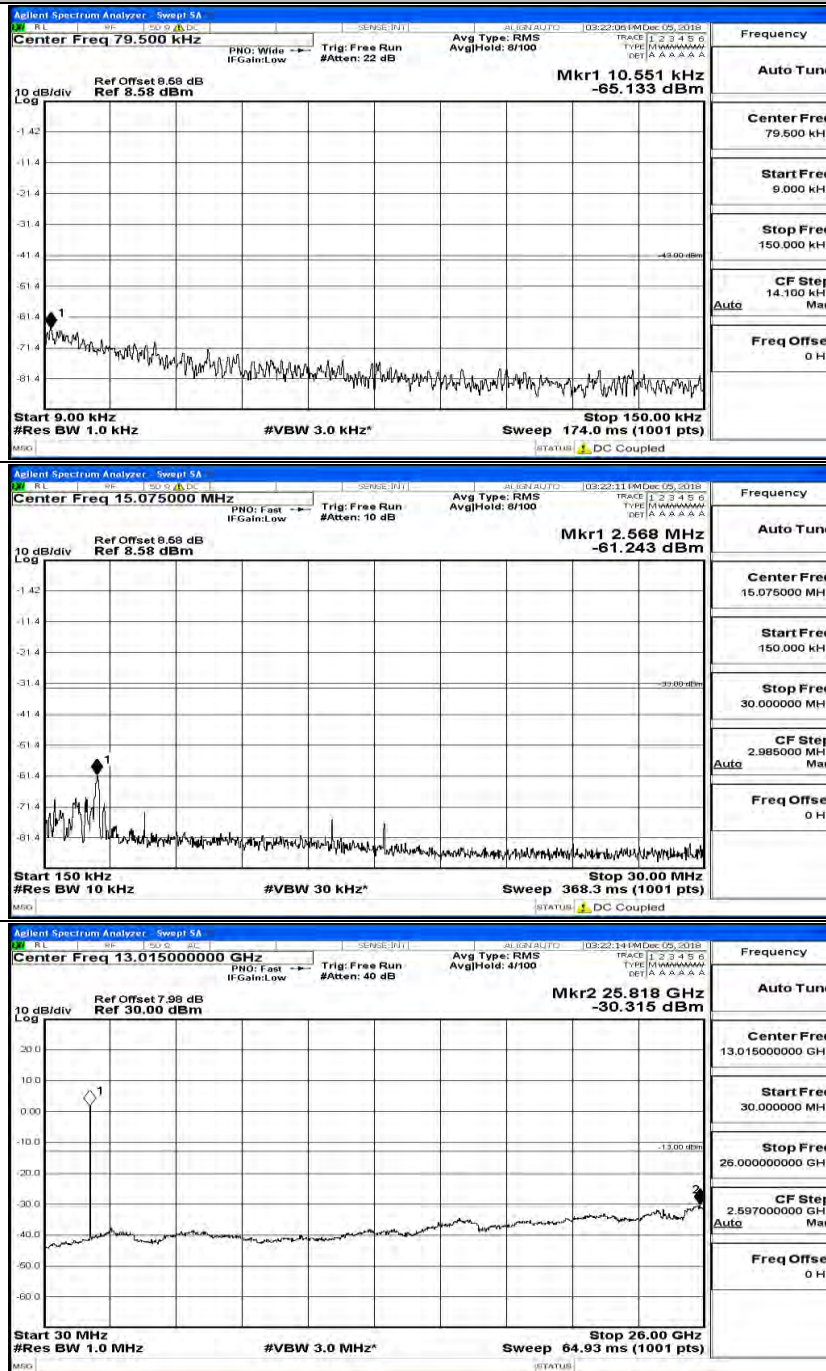
CSE Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



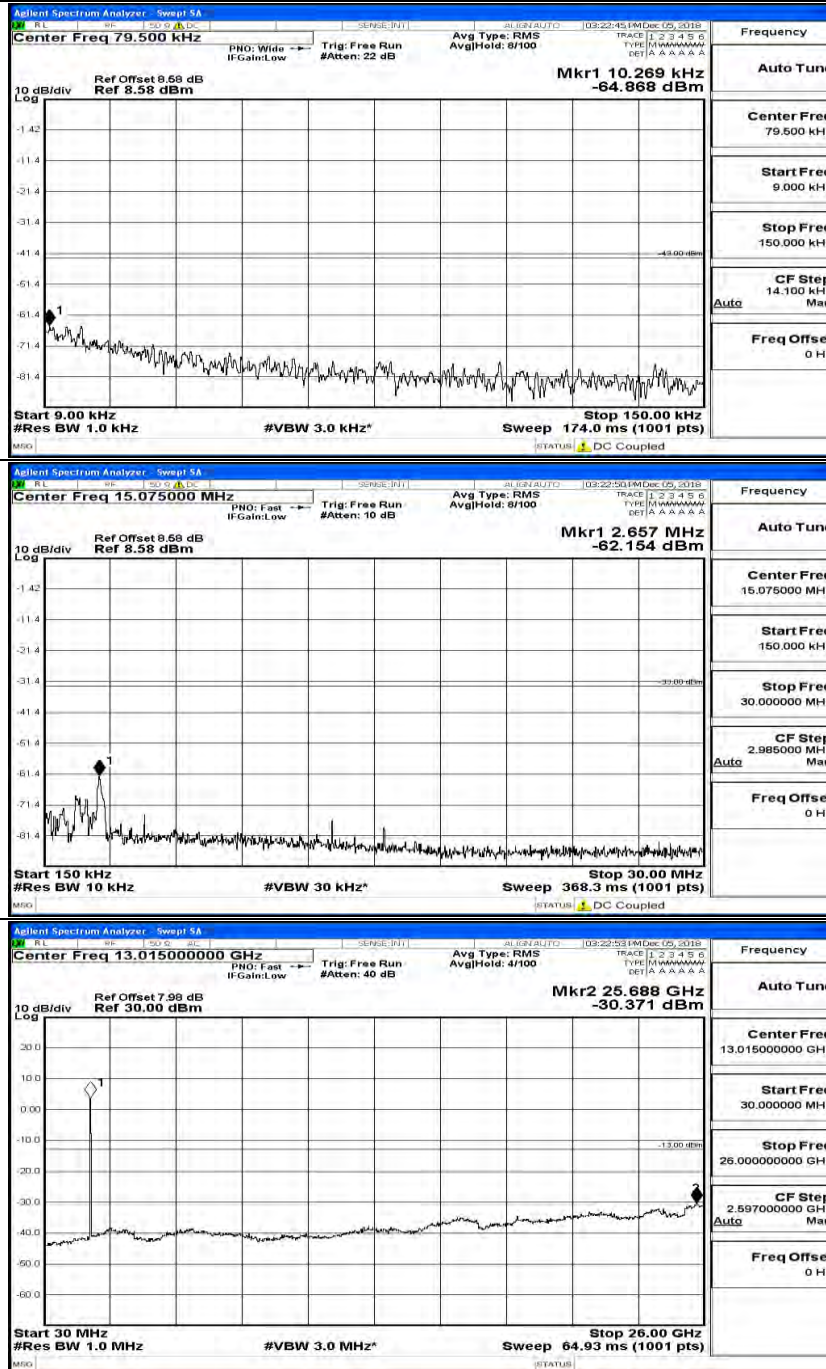
CSE Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



CSE Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



CSE Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM



CSE Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

