Appendix E: Test Data for E-UTRA Band 4

Product Name: Tablet pc

Trade Mark: N/A

Test Model: 10LA1

Environmental Conditions

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

E.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	23.53	22.89	PASS
		1	3	23.57	22.94	PASS
		1	5	23.34	22.70	PASS
		3	0	23.60	22.57	PASS
		3	2	23.49	22.51	PASS
		3	3	23.44	22.46	PASS
		6	0	22.52	21.48	PASS
	MCH	1	0	23.67	22.85	PASS
		1	3	23.84	23.02	PASS
		1	5	23.70	22.89	PASS
		3	0	23.68	22.57	PASS
		3	2	23.72	22.66	PASS
		3	3	23.68	22.62	PASS
		6	0	22.84	21.63	PASS
	HCH	1	0	19.45	18.86	PASS
		1	3	19.57	18.98	PASS
		1	5	19.51	18.93	PASS
		3	0	19.57	18.58	PASS
		3	2	19.56	18.63	PASS
		3	3	19.58	18.62	PASS
		6	0	18.58	17.48	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.50	22.75	PASS
		1	7	23.46	22.72	PASS
		1	14	22.97	22.25	PASS
		8	0	22.47	21.49	PASS
		8	4	22.34	21.36	PASS
		8	7	22.19	21.18	PASS
		15	0	22.33	21.24	PASS
	MCH	1	0	23.62	22.77	PASS
		1	7	23.95	23.09	PASS
		1	14	23.68	22.87	PASS
		8	0	22.73	21.61	PASS
		8	4	22.83	21.65	PASS
		8	7	22.77	21.60	PASS
		15	0	22.62	21.58	PASS
	HCH	1	0	19.49	18.78	PASS
		1	7	19.79	19.02	PASS
		1	14	19.54	18.83	PASS
		8	0	18.50	17.44	PASS
		8	4	18.53	17.46	PASS
		8	7	18.59	17.47	PASS
		15	0	18.48	17.46	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	23.50	22.72	PASS
		1	12	23.32	22.47	PASS
		1	24	22.60	21.89	PASS
		12	0	22.27	21.36	PASS
		12	6	22.17	21.19	PASS
		12	13	21.88	20.90	PASS
		25	0	22.14	21.09	PASS
	MCH	1	0	23.39	22.43	PASS
		1	12	23.93	22.95	PASS
		1	24	23.49	22.62	PASS
		12	0	22.53	21.59	PASS
		12	6	22.66	21.71	PASS
		12	13	22.61	21.61	PASS
		25	0	22.56	21.49	PASS
	HCH	1	0	19.52	18.74	PASS
		1	12	19.75	18.91	PASS
		1	24	19.50	18.72	PASS
		12	0	18.42	17.43	PASS
		12	6	18.51	17.54	PASS
		12	13	18.53	17.51	PASS
		25	0	18.51	17.55	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	23.40	22.67	PASS
		1	24	22.73	21.99	PASS
		1	49	22.08	21.36	PASS
		25	0	22.09	21.07	PASS
		25	12	21.66	20.65	PASS
		25	25	21.48	20.46	PASS
		50	0	21.76	20.75	PASS
	MCH	1	0	23.03	22.19	PASS
		1	24	23.76	22.97	PASS
		1	49	23.04	22.29	PASS
		25	0	22.38	21.34	PASS
		25	12	22.56	21.51	PASS
		25	25	22.42	21.40	PASS
		50	0	22.36	21.34	PASS
	HCH	1	0	20.26	19.55	PASS
		1	24	19.70	19.02	PASS
		1	49	19.46	18.77	PASS
		25	0	18.96	17.93	PASS
		25	12	18.64	17.63	PASS
		25	25	18.65	17.63	PASS
		50	0	18.76	17.77	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	23.26	22.51	PASS
		1	37	22.41	21.61	PASS
		1	74	22.23	21.42	PASS
		37	0	21.80	20.79	PASS
		37	18	21.41	20.38	PASS
		37	38	21.42	20.33	PASS
		75	0	21.61	20.55	PASS
	MCH	1	0	22.62	21.59	PASS
		1	37	23.99	22.91	PASS
		1	74	22.30	21.47	PASS
		37	0	22.35	21.25	PASS
		37	18	22.69	21.60	PASS
		37	38	22.38	21.25	PASS
		75	0	22.40	21.21	PASS
	HCH	1	0	21.67	20.84	PASS
		1	37	20.09	19.34	PASS
		1	74	19.43	18.75	PASS
		37	0	20.08	19.05	PASS
		37	18	19.11	18.11	PASS
		37	38	18.69	17.63	PASS
		75	0	19.43	18.40	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	23.14	22.32	PASS
		1	49	22.37	21.51	PASS
		1	99	23.00	22.03	PASS
		50	0	21.45	20.38	PASS
		50	25	21.30	20.25	PASS
		50	50	21.62	20.56	PASS
		100	0	21.60	20.55	PASS
	MCH	1	0	22.12	21.34	PASS
		1	49	23.87	23.02	PASS
		1	99	21.31	20.61	PASS
		50	0	21.99	20.97	PASS
		50	25	22.42	21.41	PASS
		50	50	21.83	20.85	PASS
		100	0	21.92	20.84	PASS
	HCH	1	0	22.93	22.11	PASS
		1	49	20.50	19.81	PASS
		1	99	19.11	18.47	PASS
		50	0	21.31	20.31	PASS
		50	25	19.75	18.73	PASS
		50	50	18.89	17.84	PASS
		100	0	20.36	19.33	PASS

E.2 Peak-to-Average Ratio

Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.94	<13	PASS
	MCH	4.02	<13	PASS
	HCH	5.25	<13	PASS
16QAM	LCH	5.88	<13	PASS
	MCH	4.98	<13	PASS
	HCH	6.17	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.19	<13	PASS
	MCH	4.41	<13	PASS
	HCH	5.45	<13	PASS
16QAM	LCH	6.1	<13	PASS
	MCH	5.25	<13	PASS
	HCH	6.28	<13	PASS

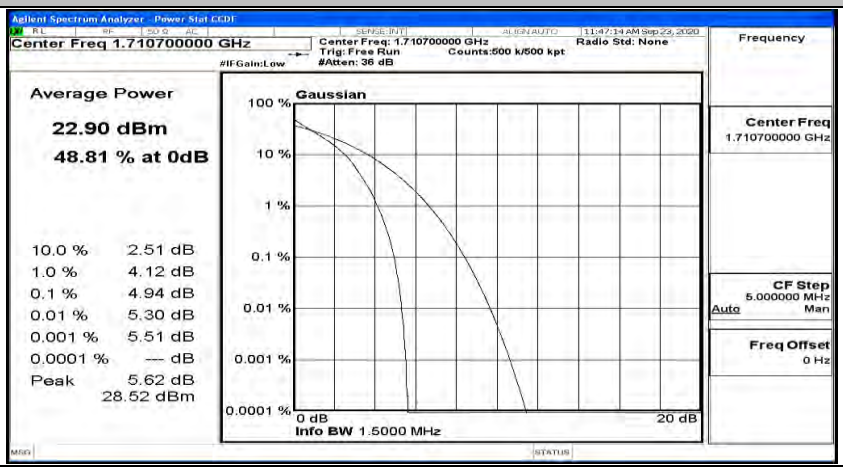
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.27	<13	PASS
	MCH	4.39	<13	PASS
	HCH	5.54	<13	PASS
16QAM	LCH	6	<13	PASS
	MCH	5.24	<13	PASS
	HCH	6.29	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.43	<13	PASS
	MCH	4.57	<13	PASS
	HCH	5.57	<13	PASS
16QAM	LCH	6.15	<13	PASS
	MCH	5.39	<13	PASS
	HCH	6.31	<13	PASS

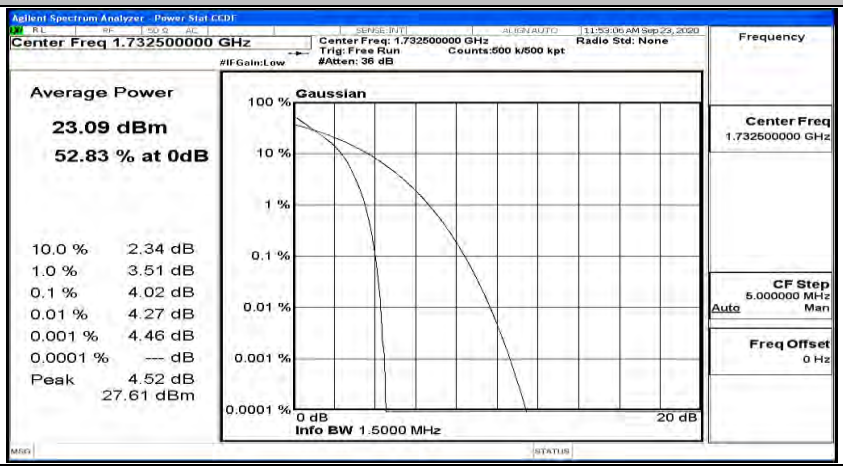
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.12	<13	PASS
	MCH	4.89	<13	PASS
	HCH	5.11	<13	PASS
16QAM	LCH	6.27	<13	PASS
	MCH	5.96	<13	PASS
	HCH	6.22	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.84	<13	PASS
	MCH	5.73	<13	PASS
	HCH	5.84	<13	PASS
16QAM	LCH	6.81	<13	PASS
	MCH	6.54	<13	PASS
	HCH	6.69	<13	PASS

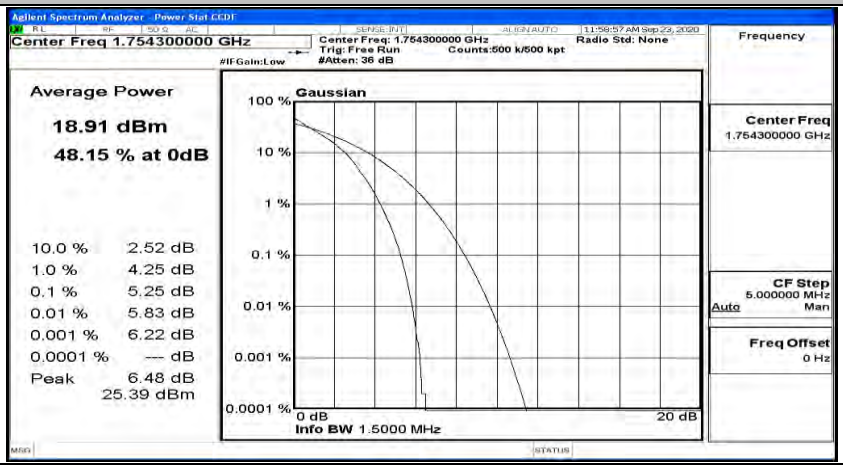
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



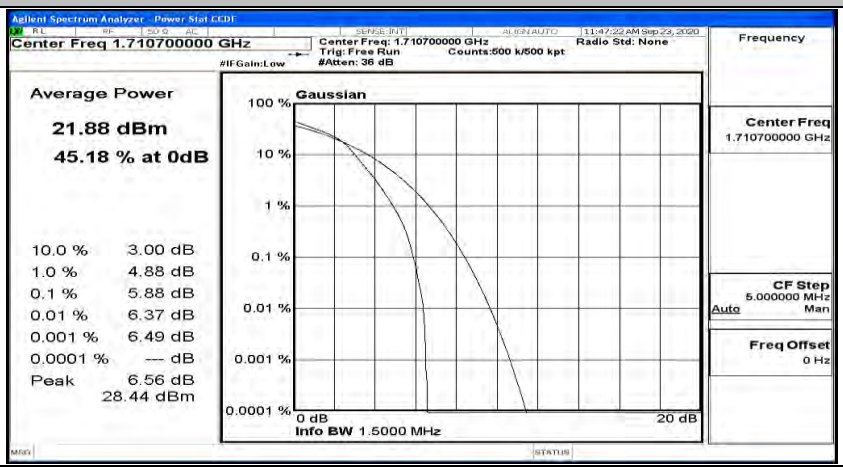
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



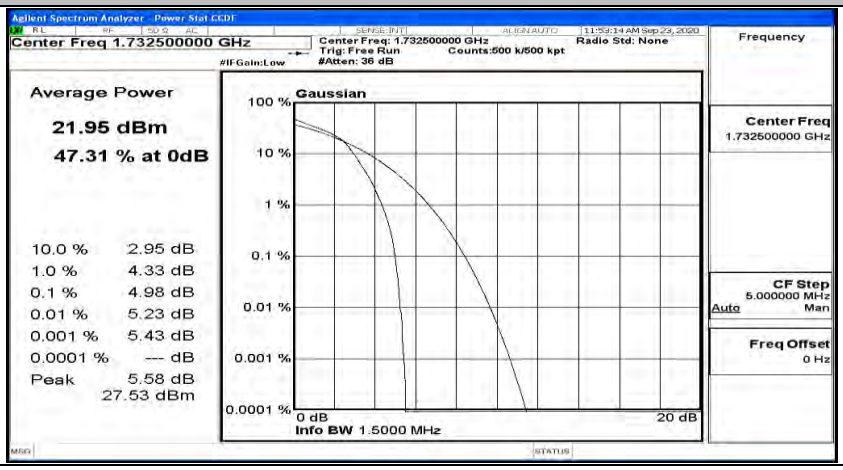
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



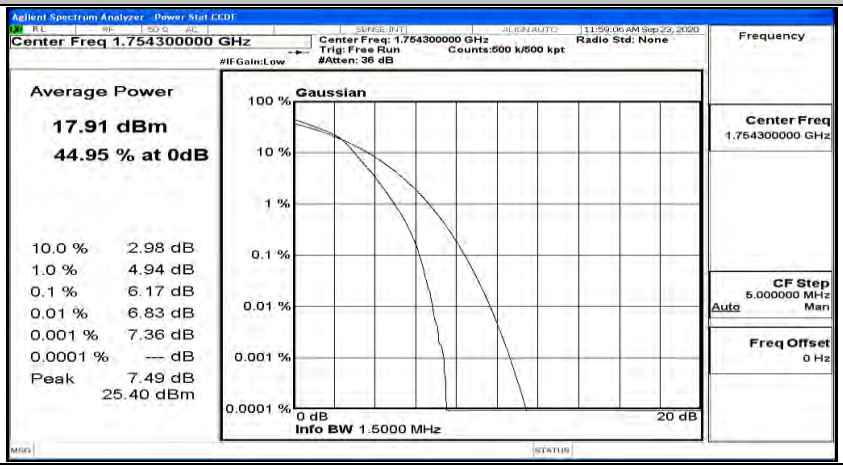
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



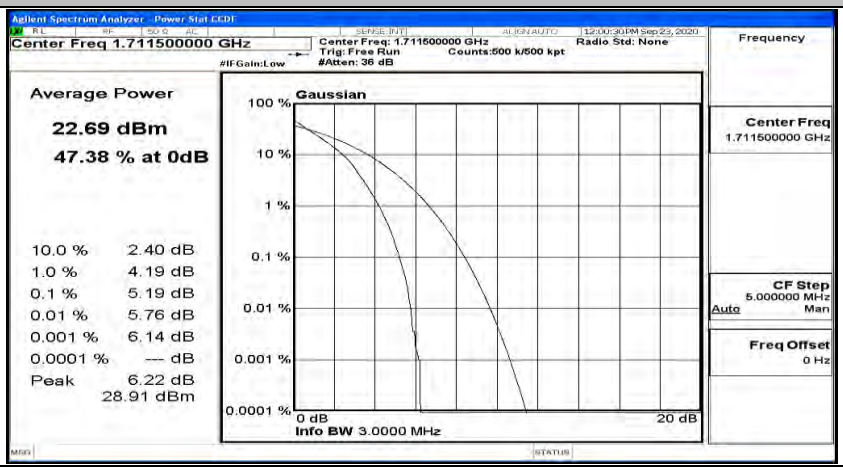
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



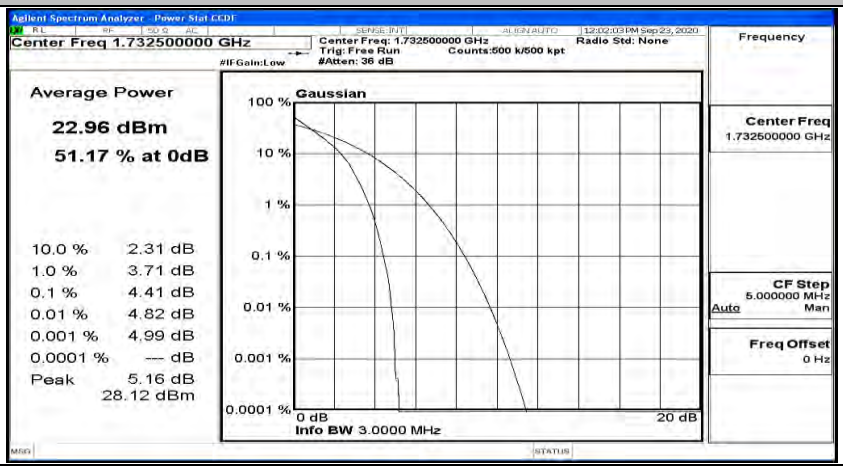
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



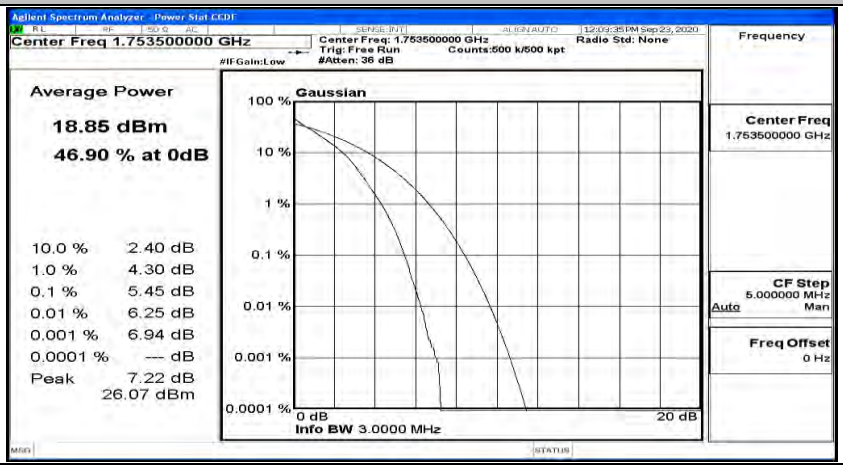
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



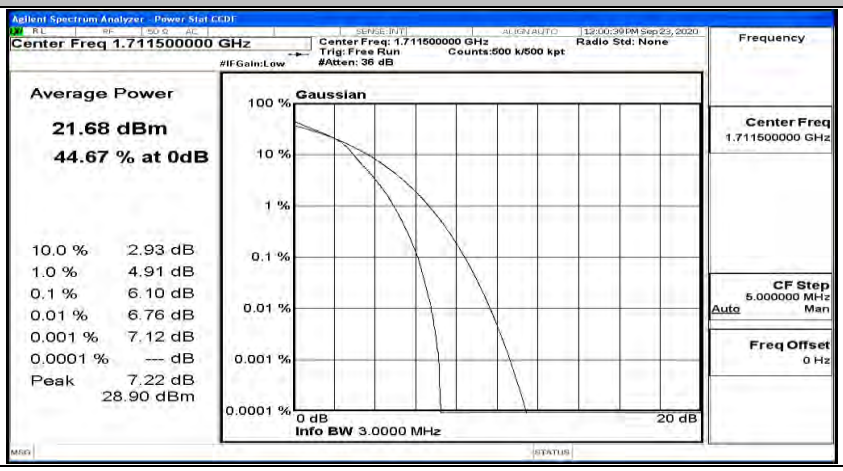
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



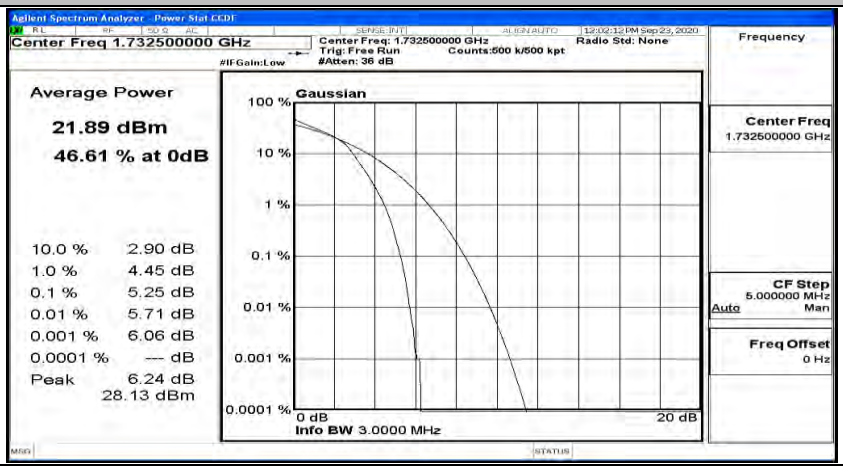
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



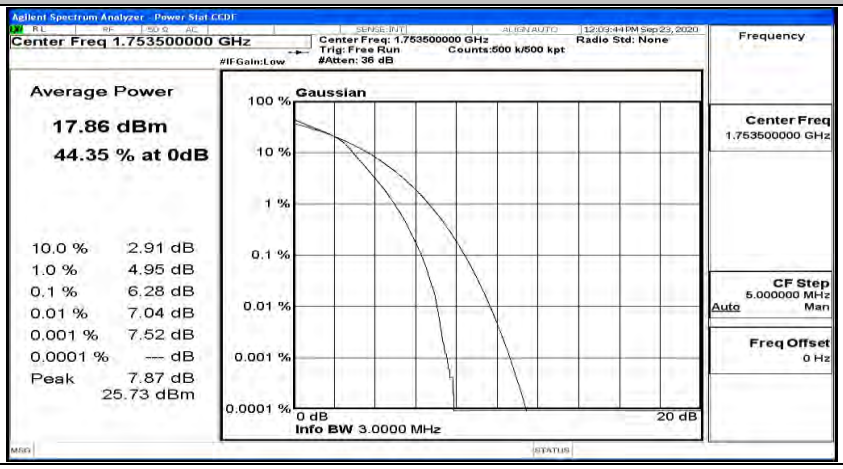
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



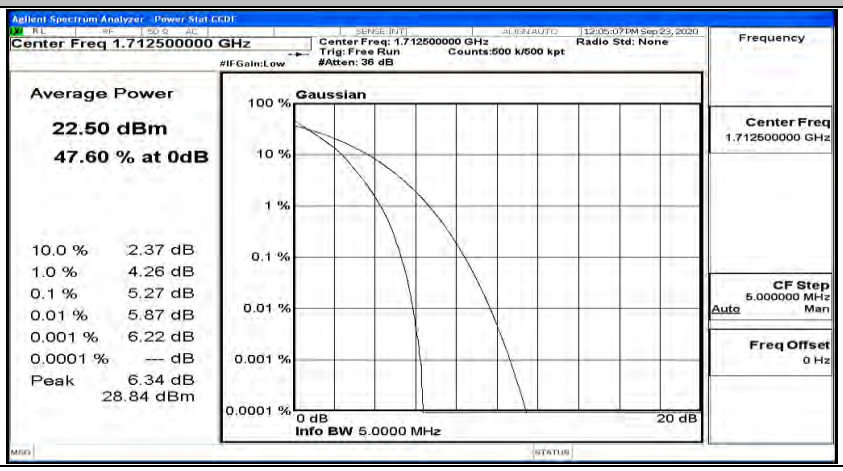
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



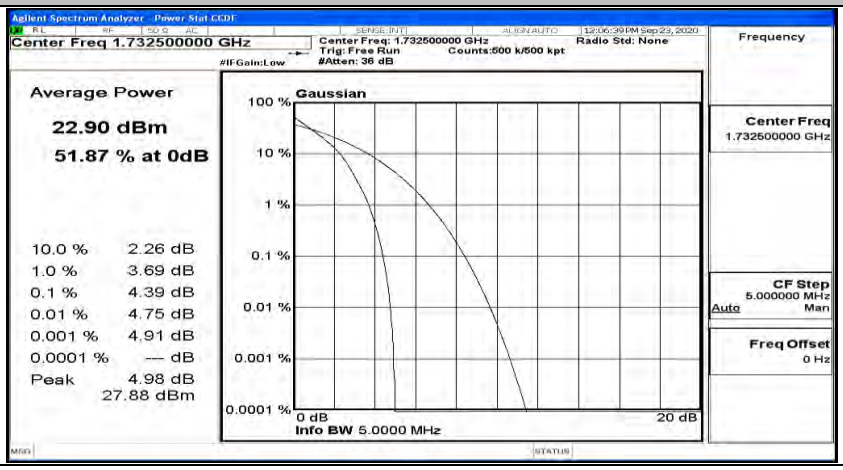
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



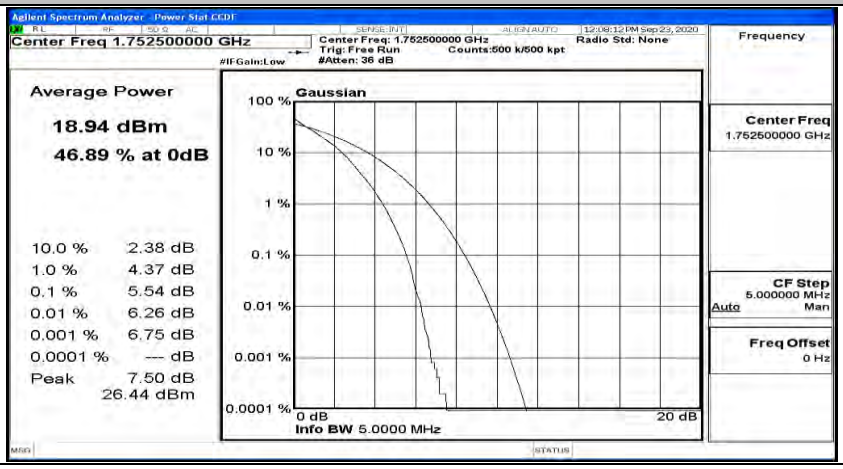
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



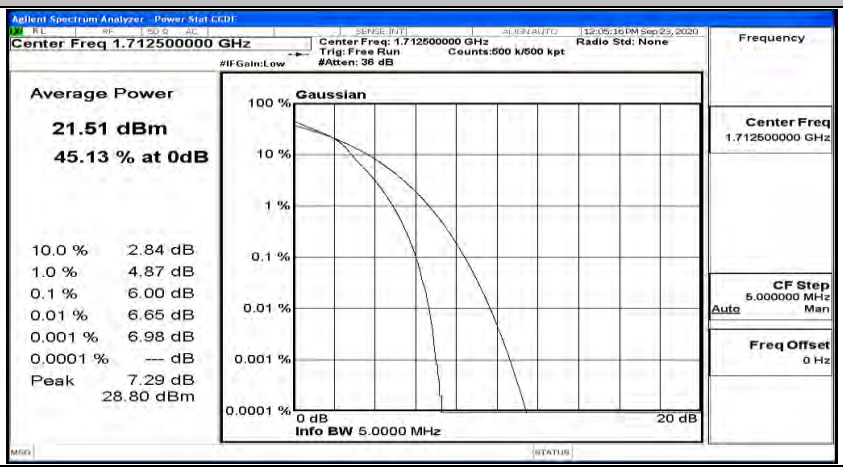
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



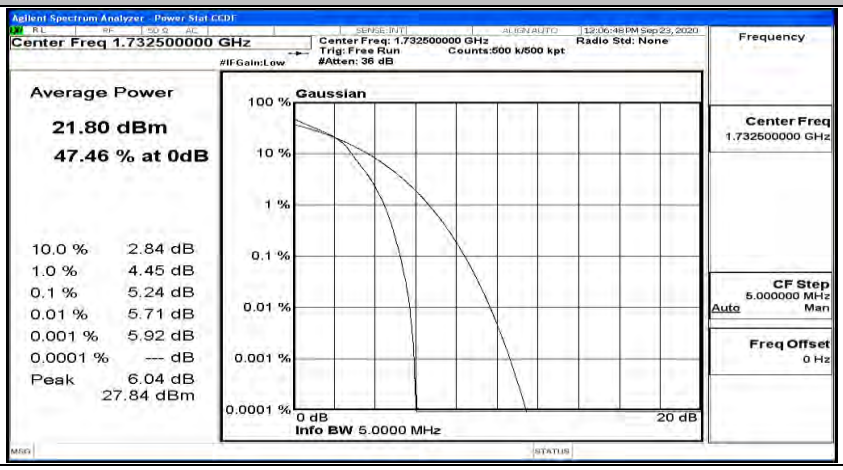
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



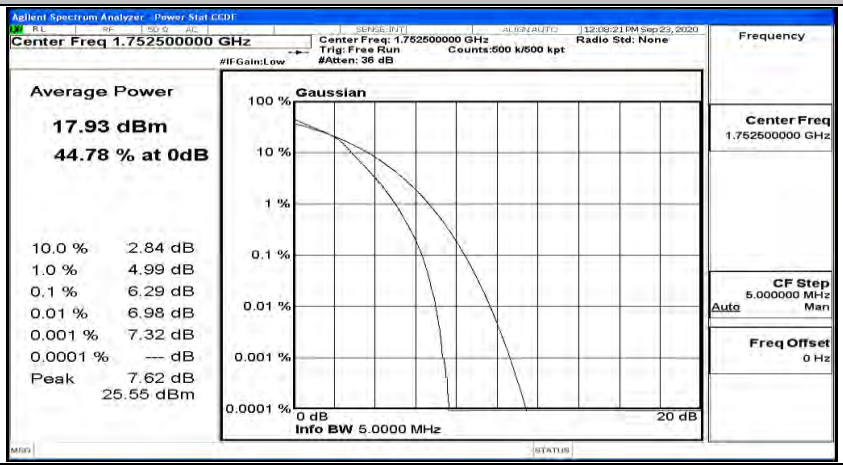
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



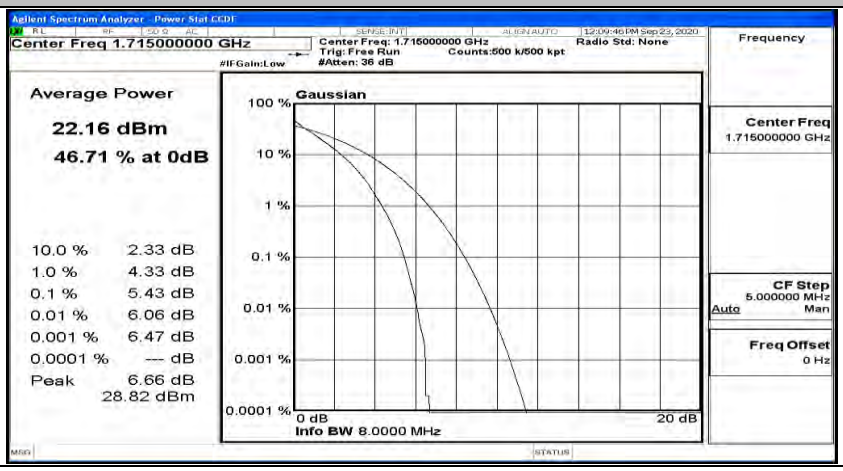
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



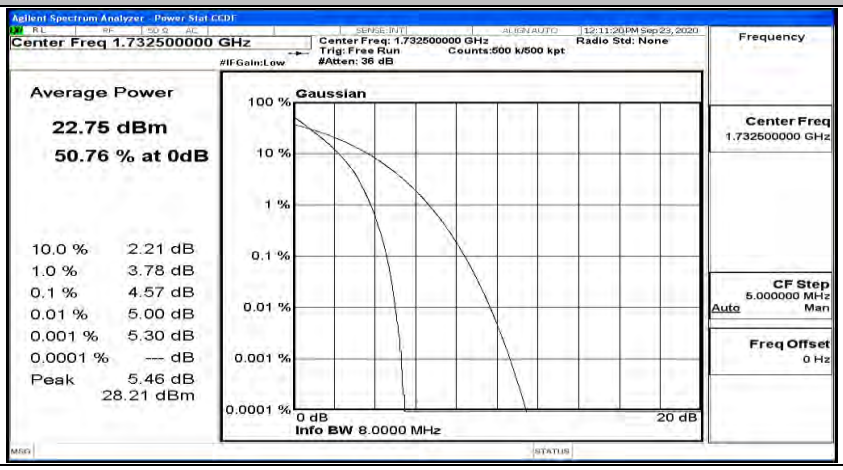
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



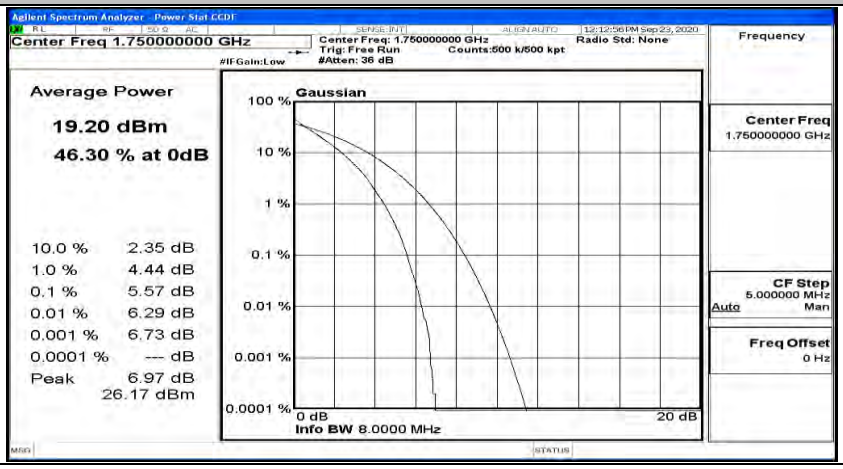
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



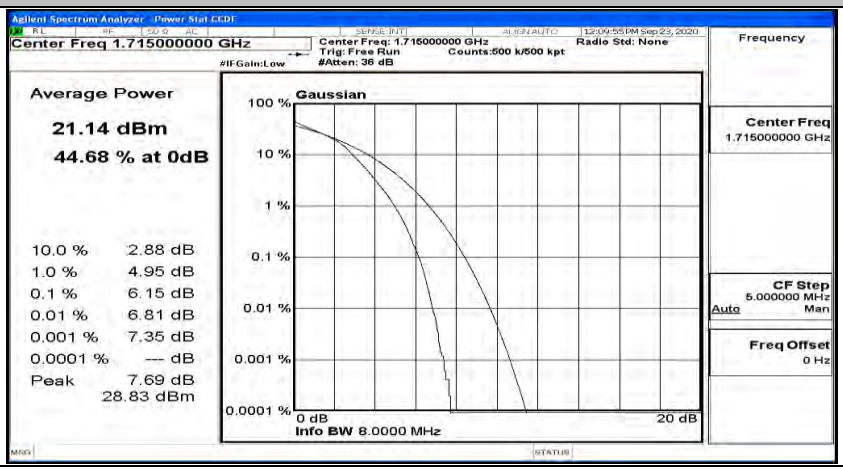
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



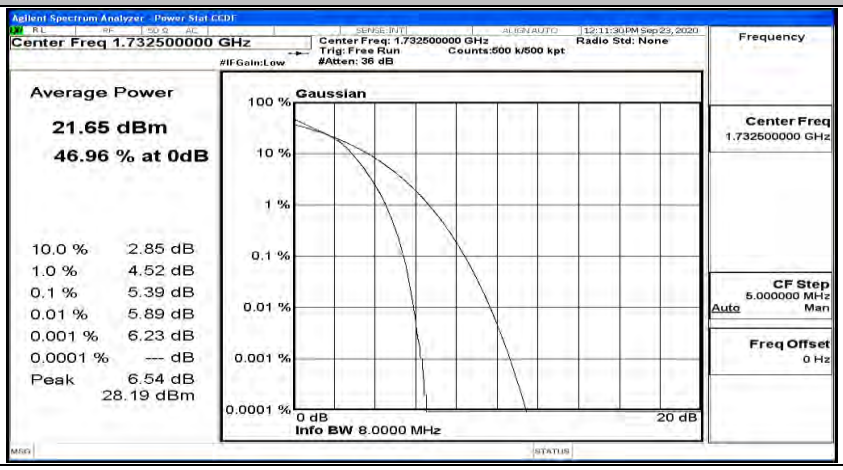
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



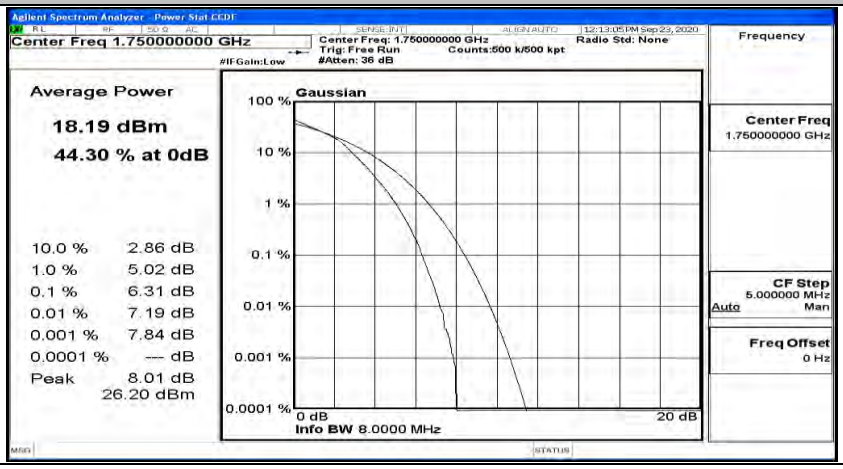
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



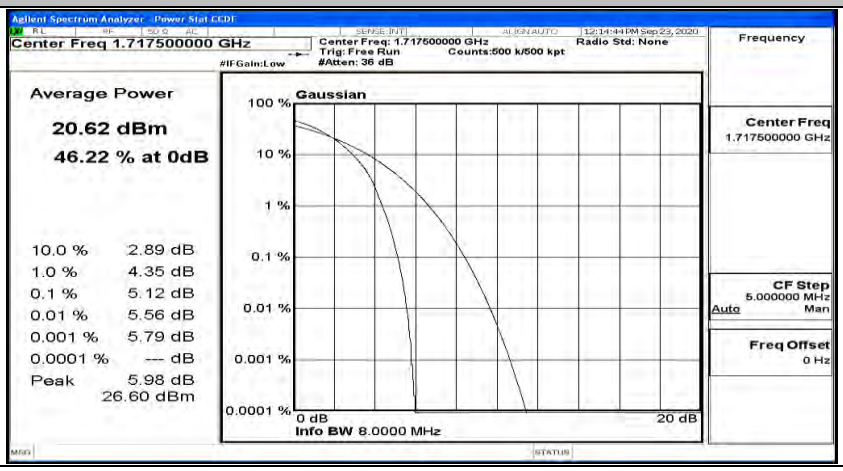
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



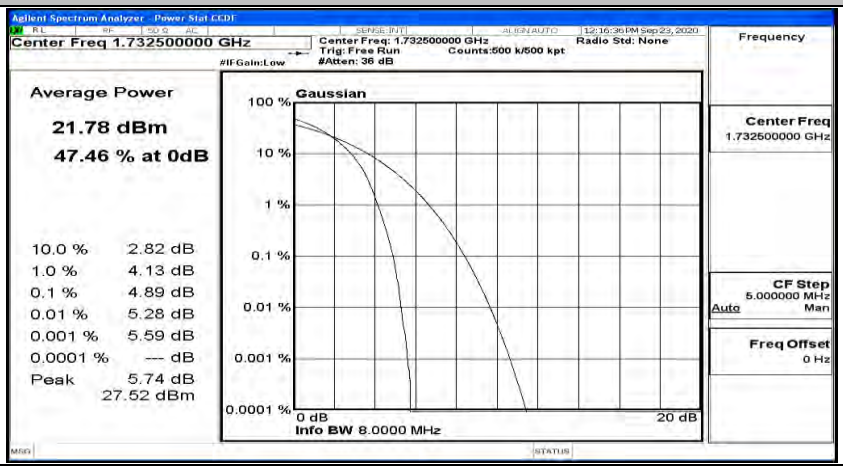
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



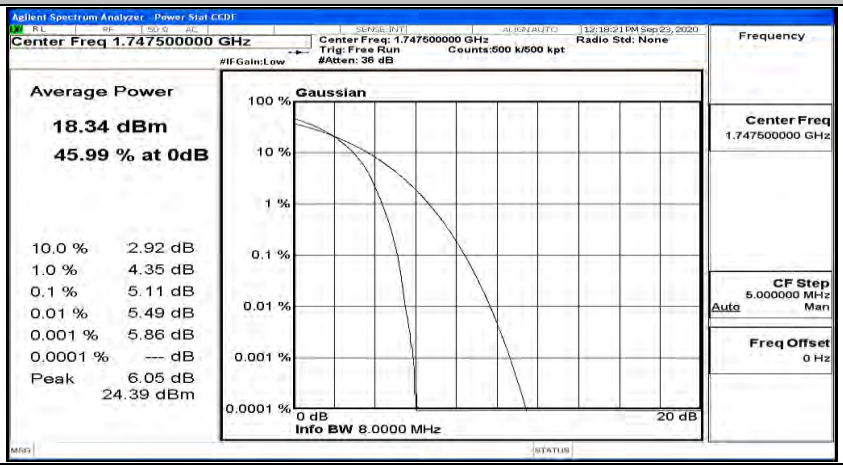
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



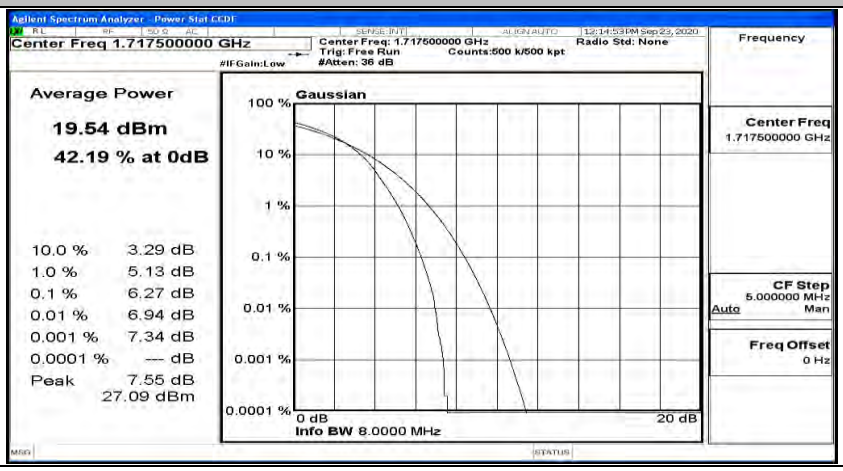
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



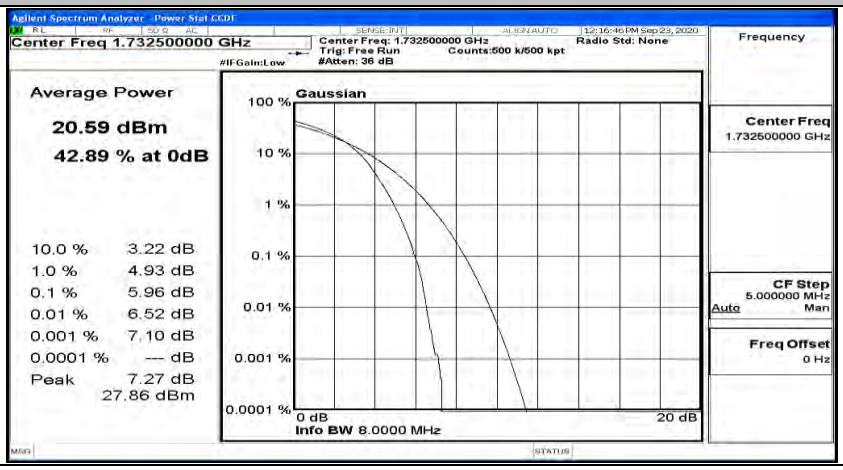
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



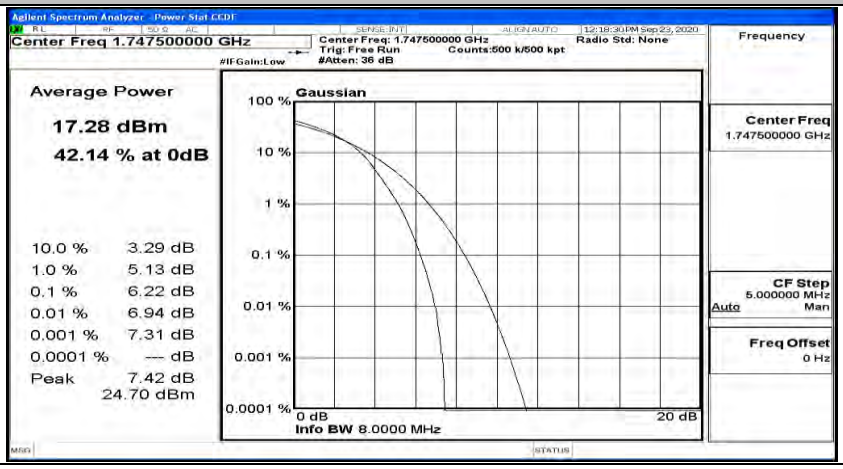
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



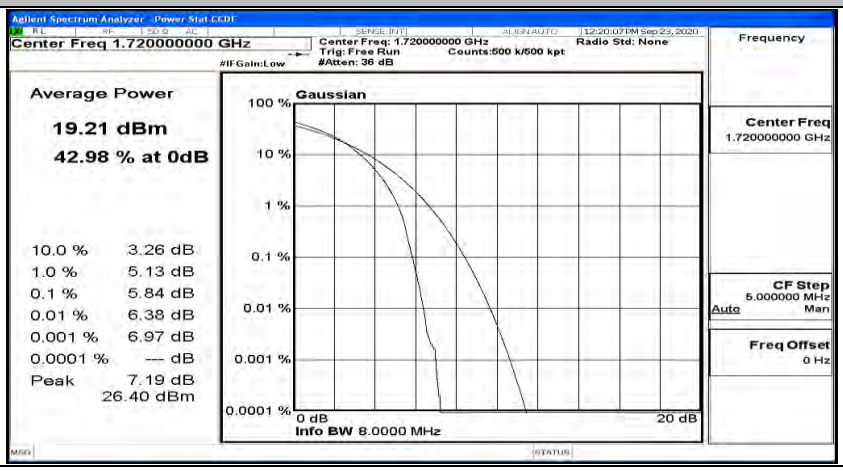
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



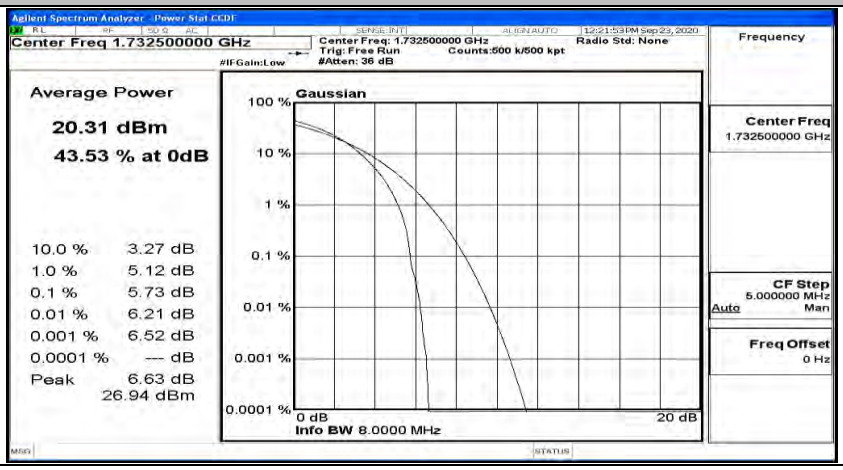
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



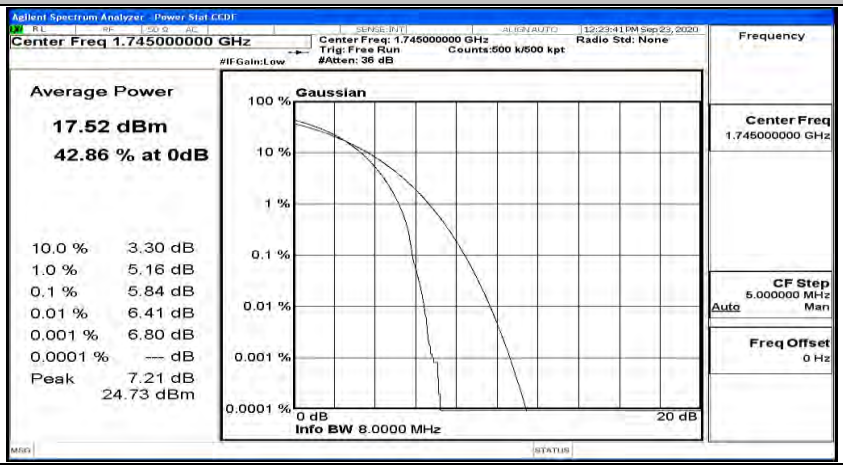
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



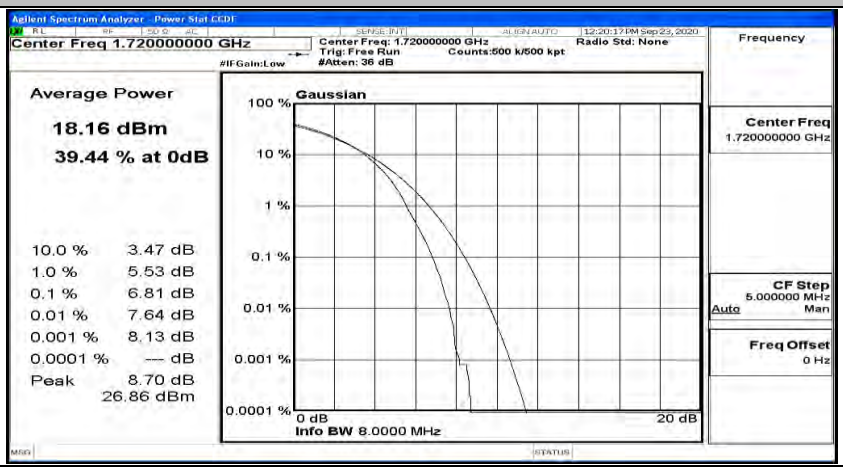
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



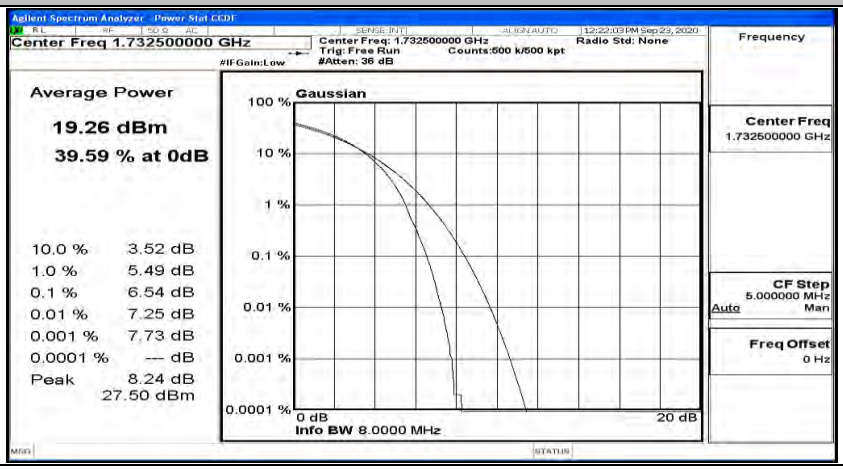
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



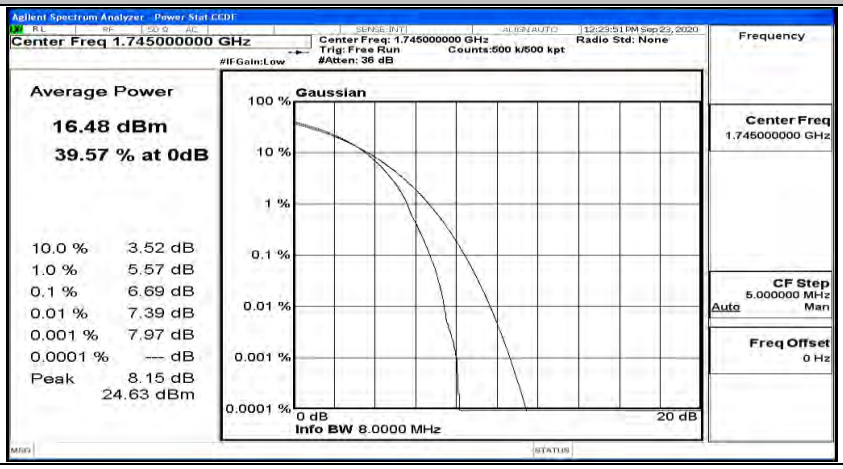
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



E.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	1.0769	2.800	PASS
	MCH	1.0795	1.226	PASS
	HCH	1.0767	1.226	PASS
16QAM	LCH	1.0785	1.226	PASS
	MCH	1.0793	1.232	PASS
	HCH	1.0761	1.230	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6810	2.832	PASS
	MCH	2.6820	2.854	PASS
	HCH	2.6795	2.819	PASS
16QAM	LCH	2.6824	2.848	PASS
	MCH	2.6823	2.855	PASS
	HCH	2.6748	2.830	PASS

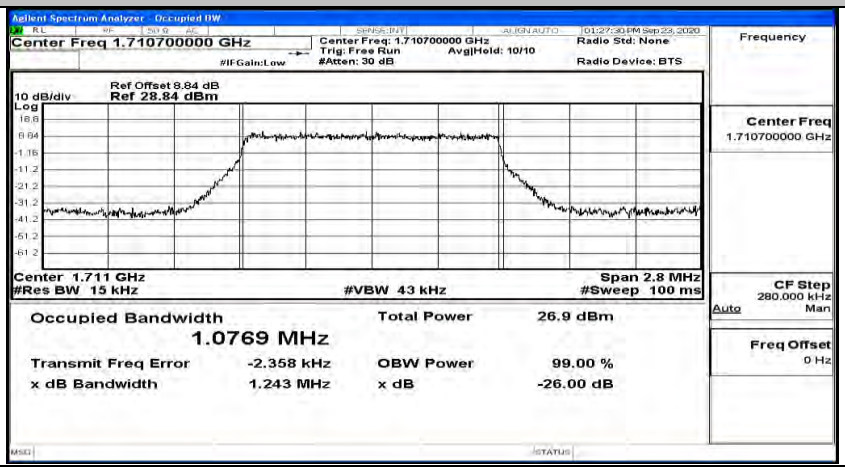
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4806	4.847	PASS
	MCH	4.4801	4.934	PASS
	HCH	4.4886	4.819	PASS
16QAM	LCH	4.4716	4.866	PASS
	MCH	4.4790	4.791	PASS
	HCH	4.4678	4.822	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9572	9.580	PASS
	MCH	8.9314	9.595	PASS
	HCH	8.9602	9.517	PASS
16QAM	LCH	8.9507	9.514	PASS
	MCH	8.9272	9.565	PASS
	HCH	8.9459	9.585	PASS

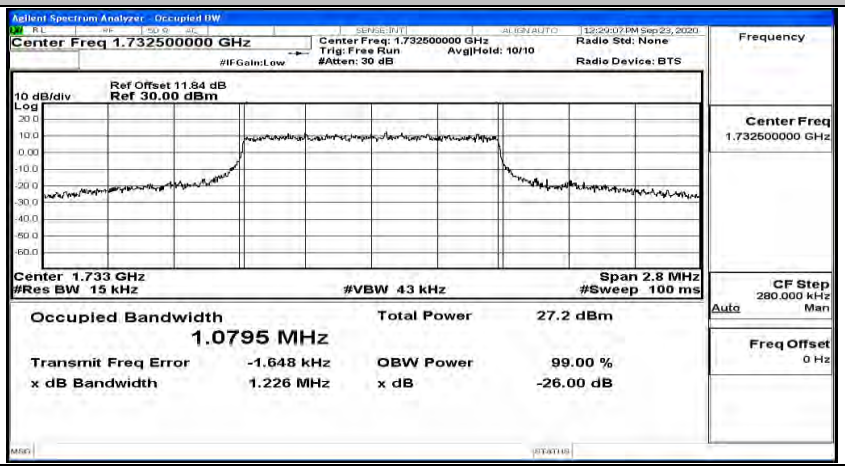
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.439	14.07	PASS
	MCH	13.387	14.16	PASS
	HCH	13.444	14.04	PASS
16QAM	LCH	13.425	14.11	PASS
	MCH	13.376	14.02	PASS
	HCH	13.443	14.11	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.898	18.65	PASS
	MCH	17.774	18.56	PASS
	HCH	17.912	18.61	PASS
16QAM	LCH	17.897	18.60	PASS
	MCH	17.754	18.62	PASS
	HCH	17.911	18.72	PASS

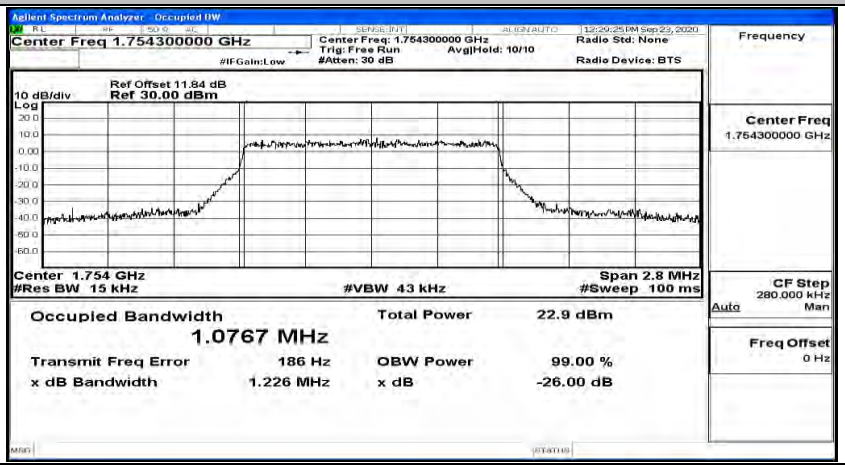
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



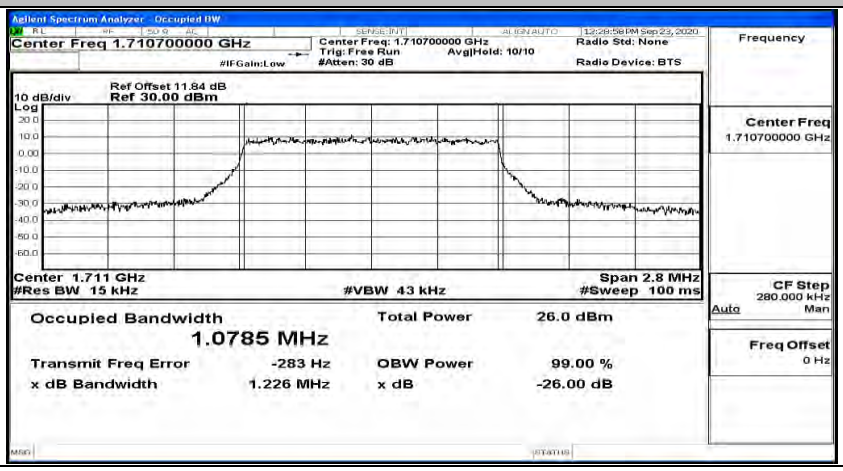
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



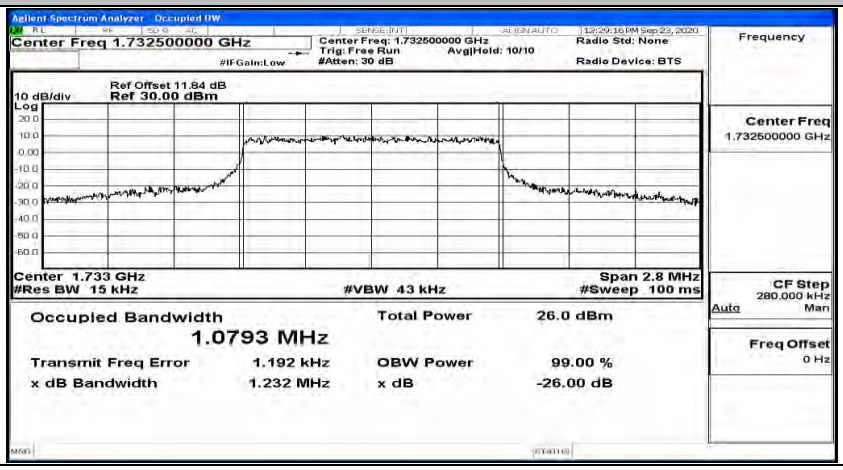
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



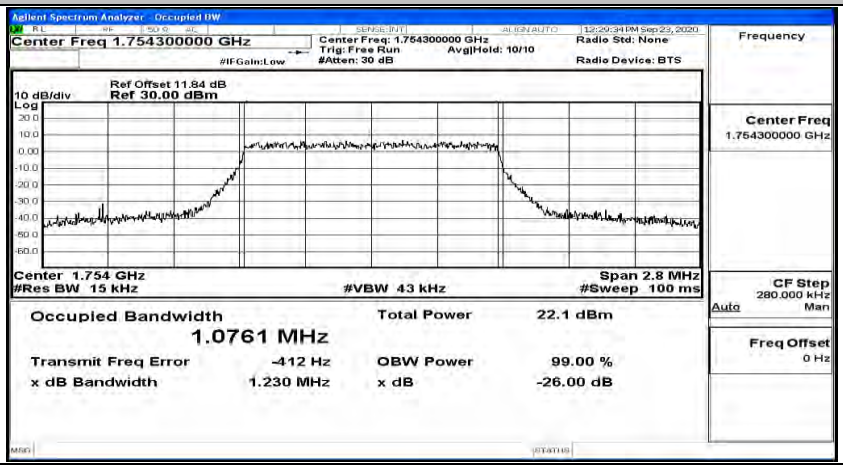
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



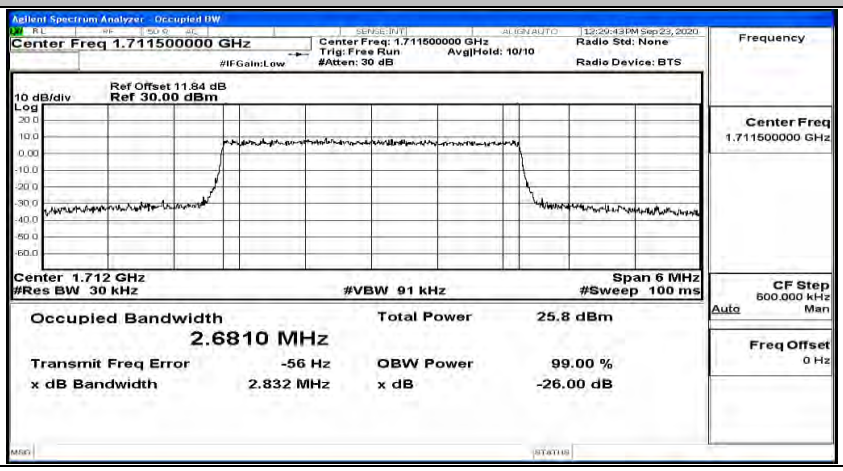
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



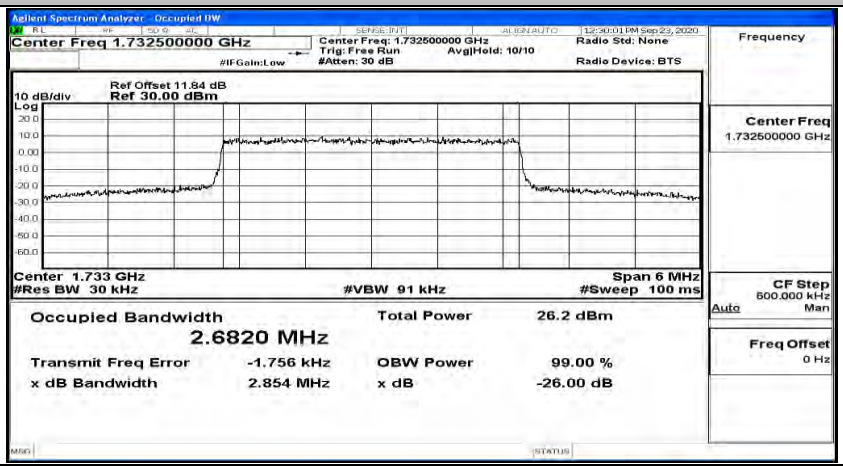
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



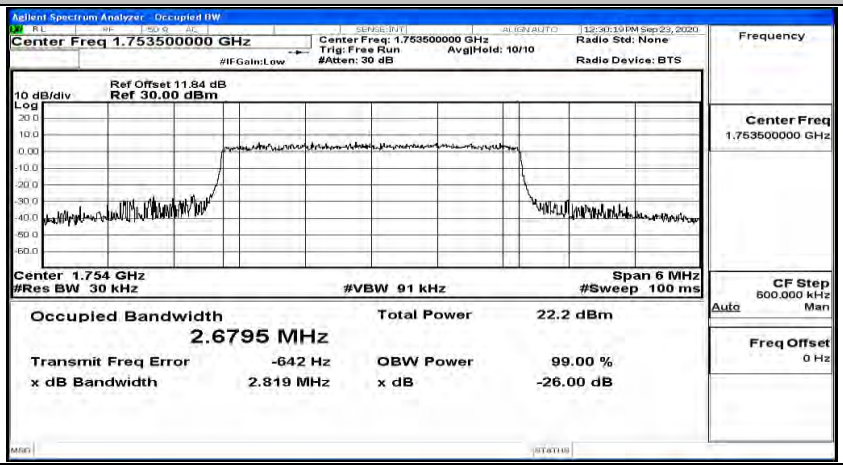
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



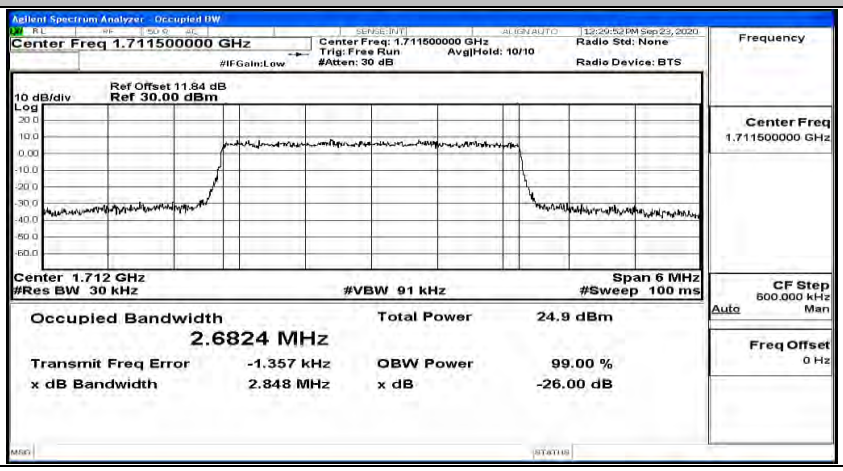
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



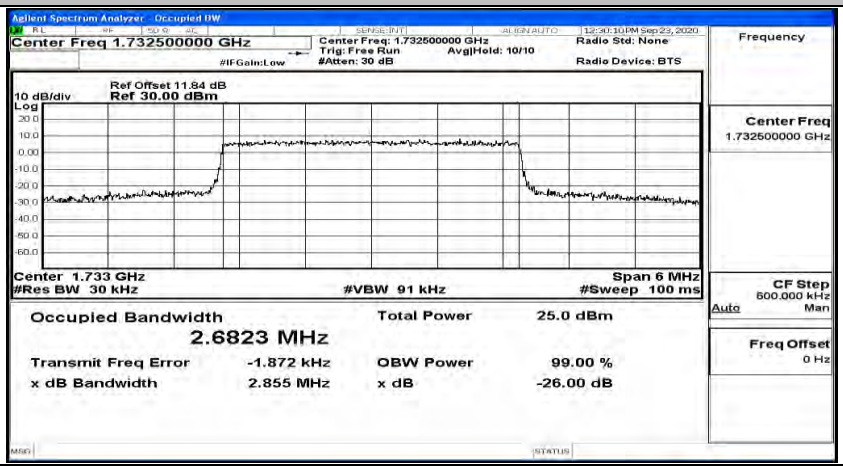
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



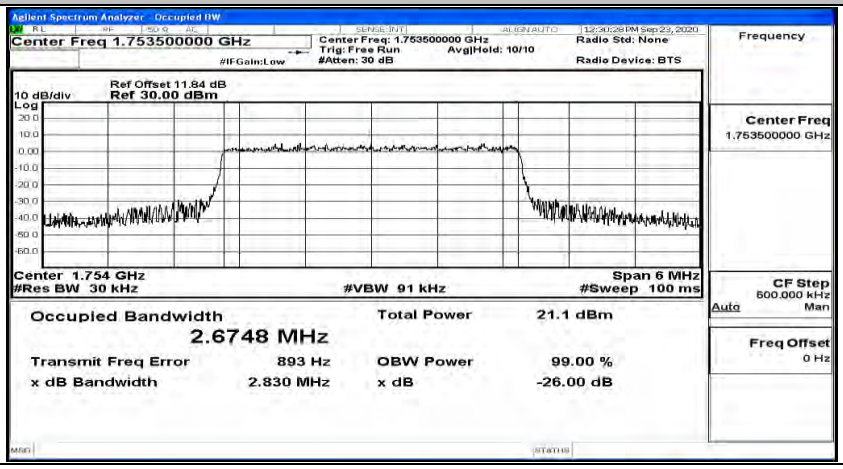
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



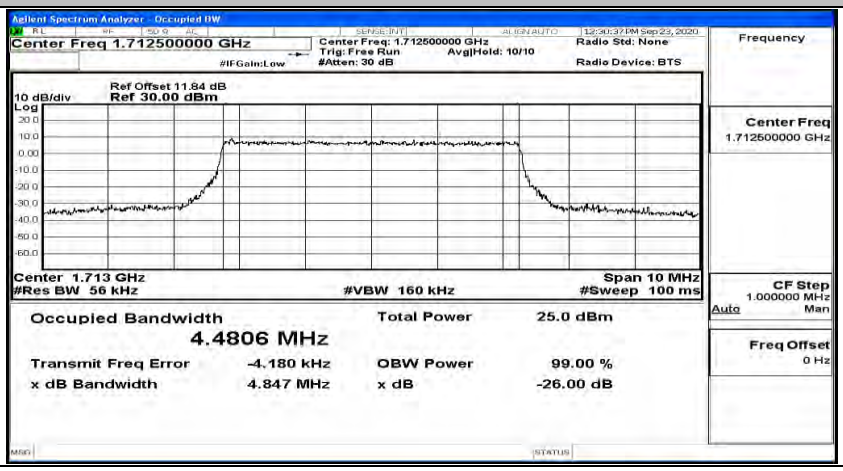
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



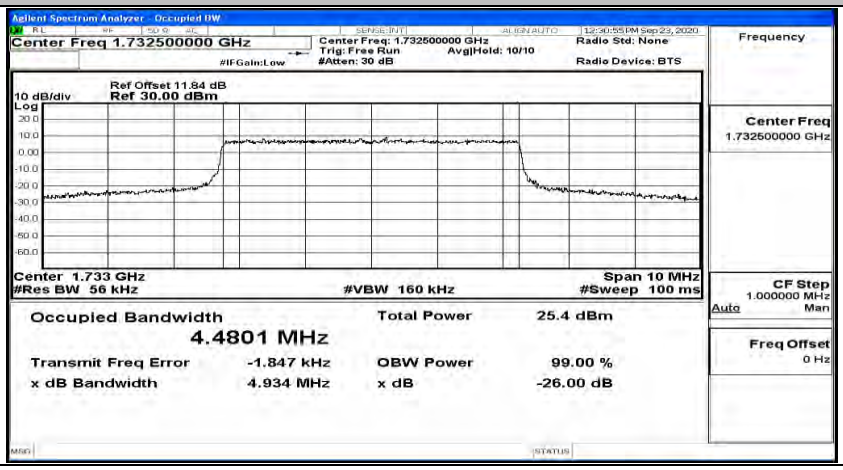
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



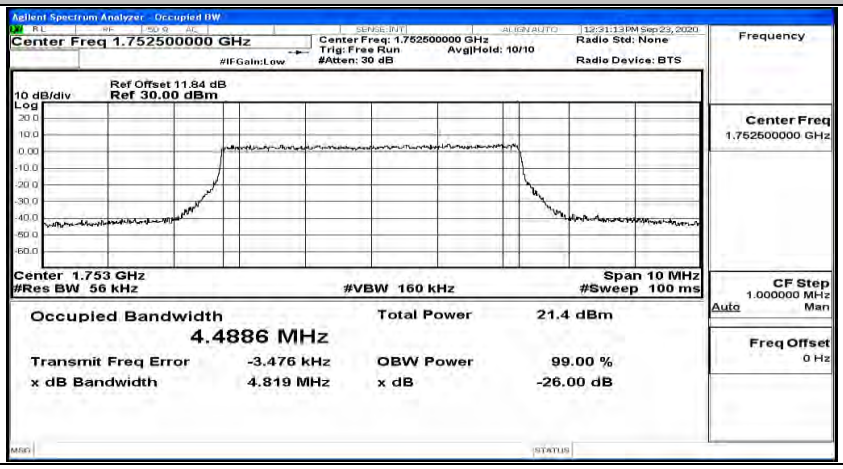
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



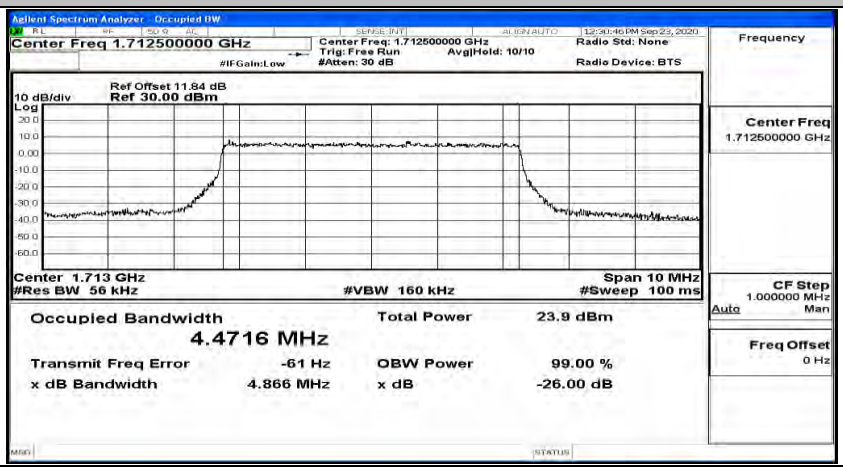
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



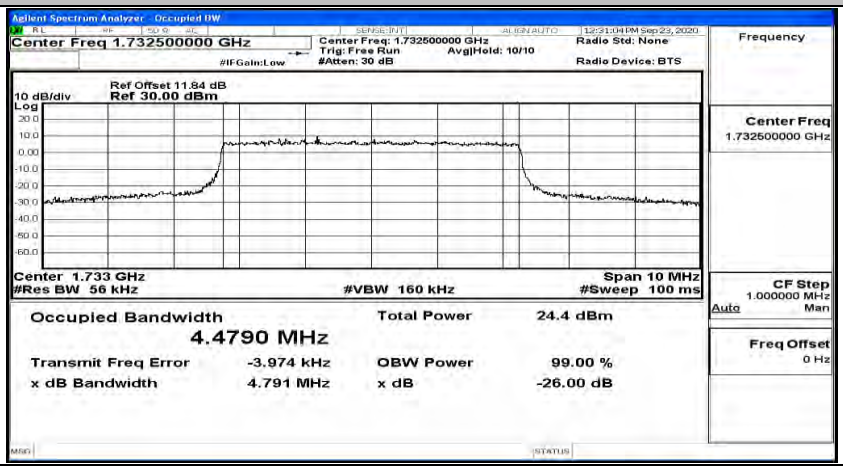
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



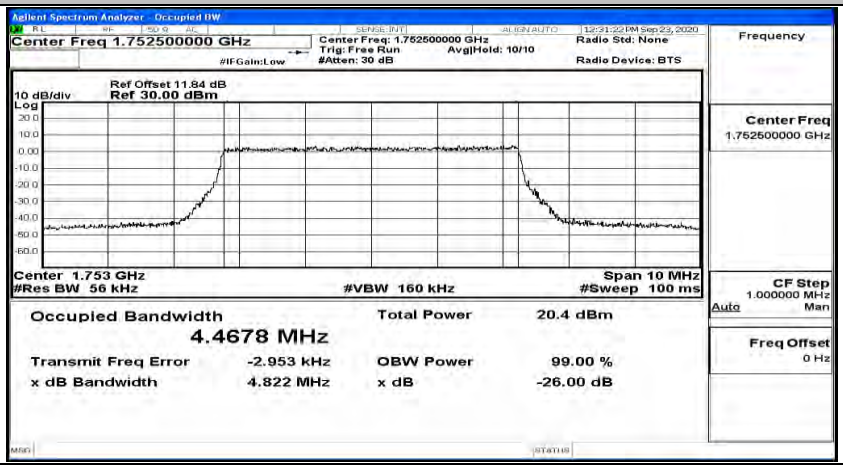
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



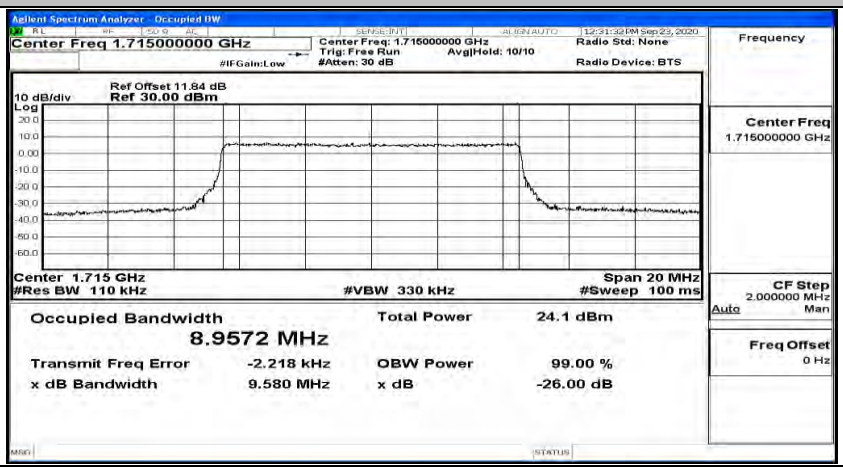
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



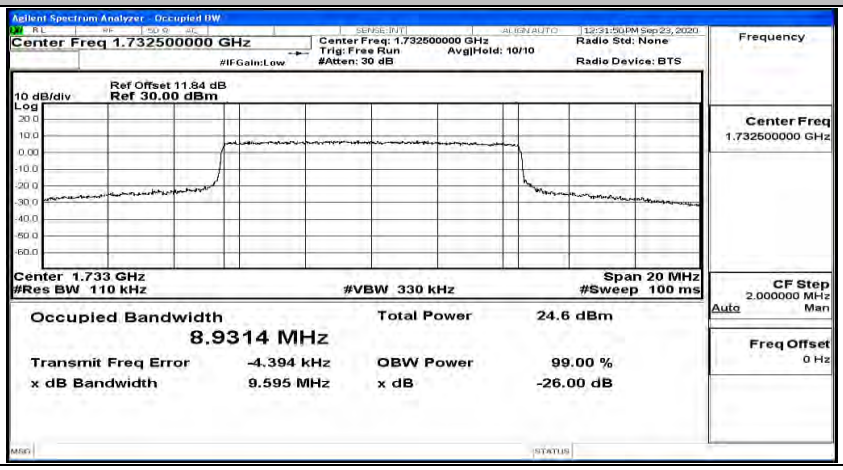
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



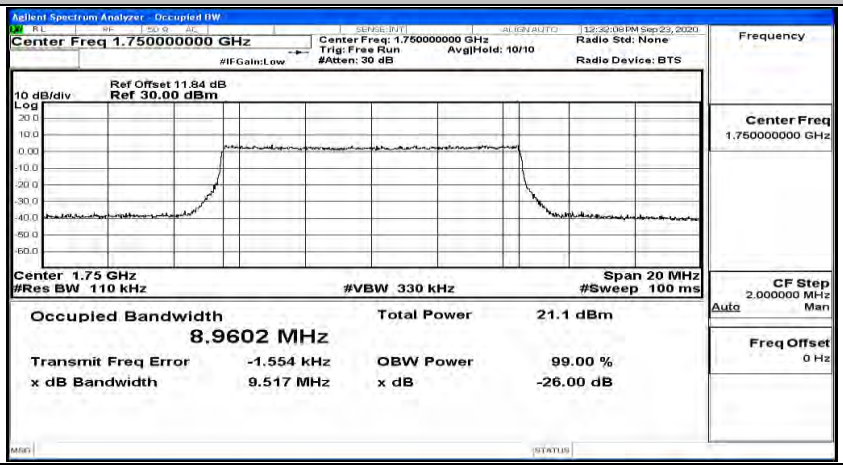
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



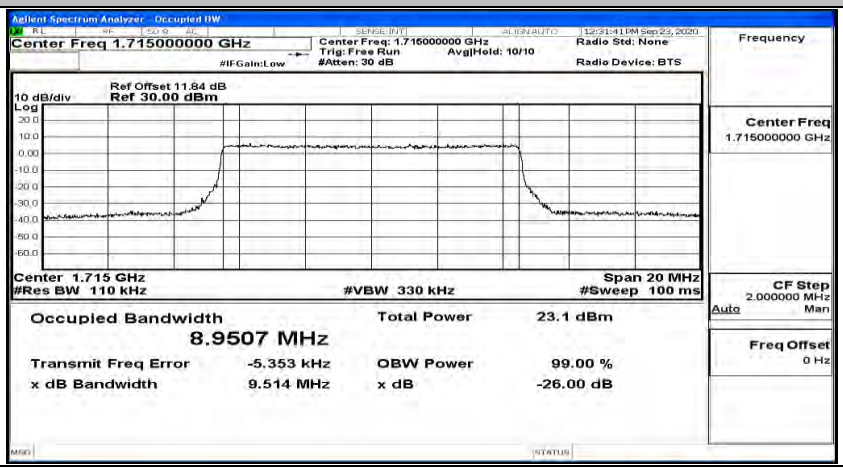
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



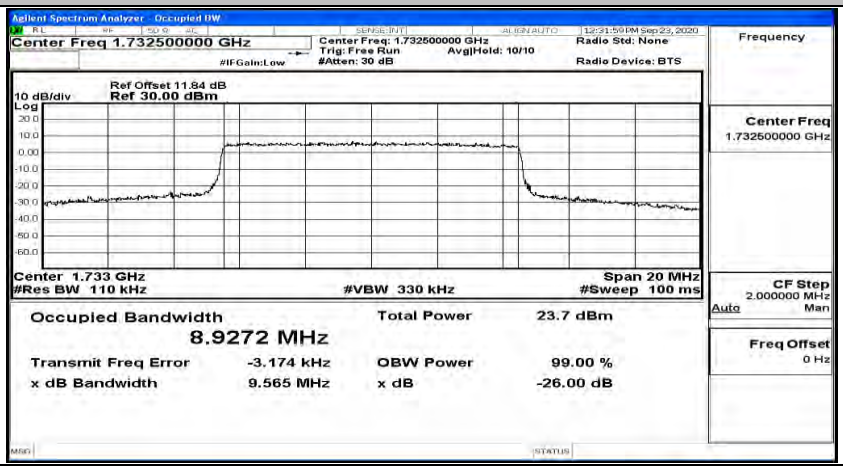
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



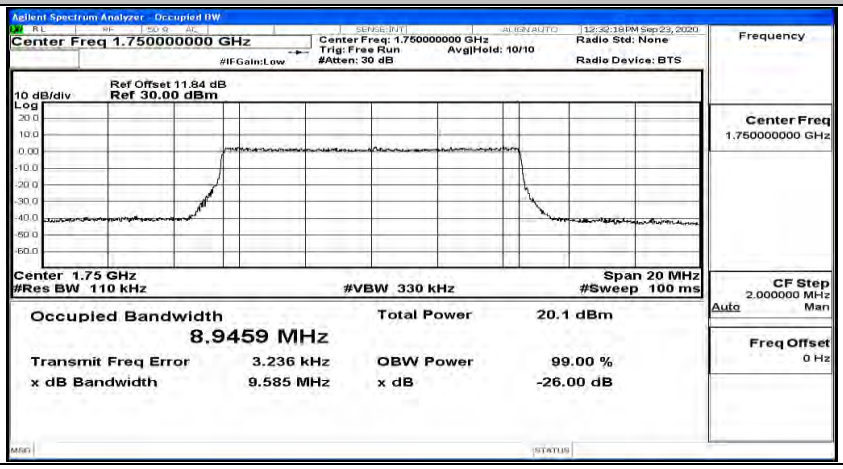
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



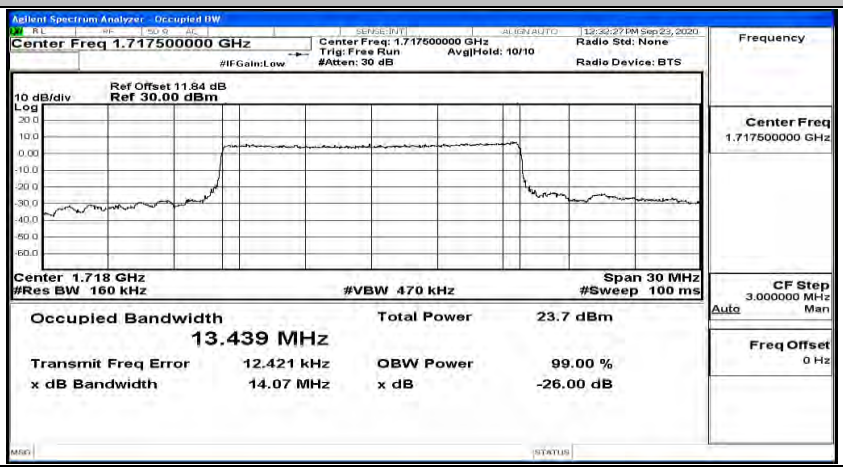
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



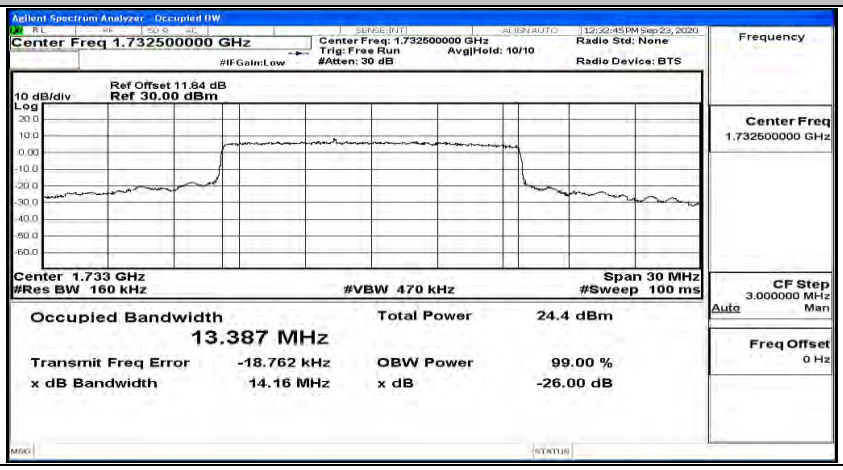
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



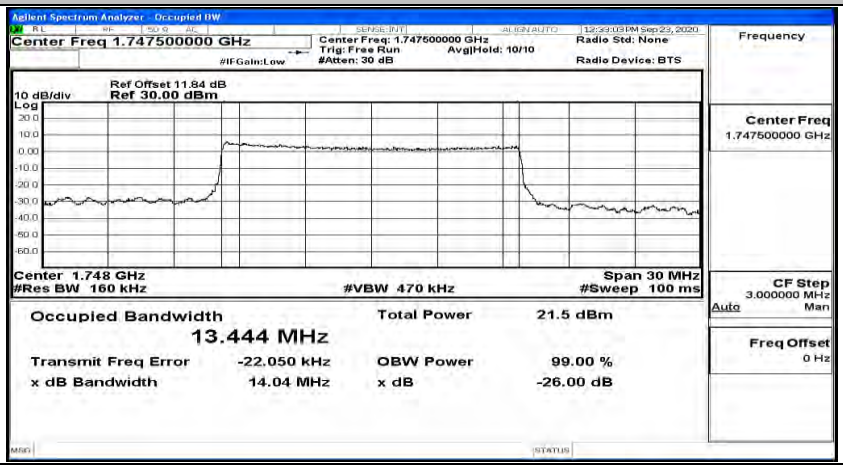
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



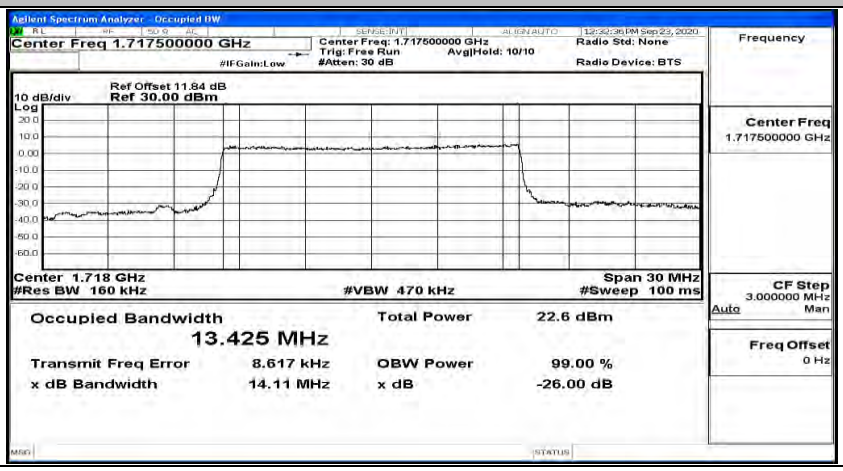
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



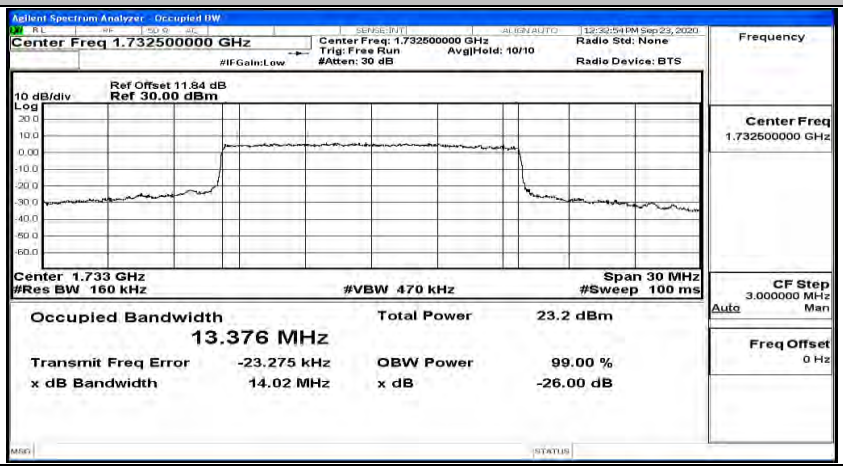
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



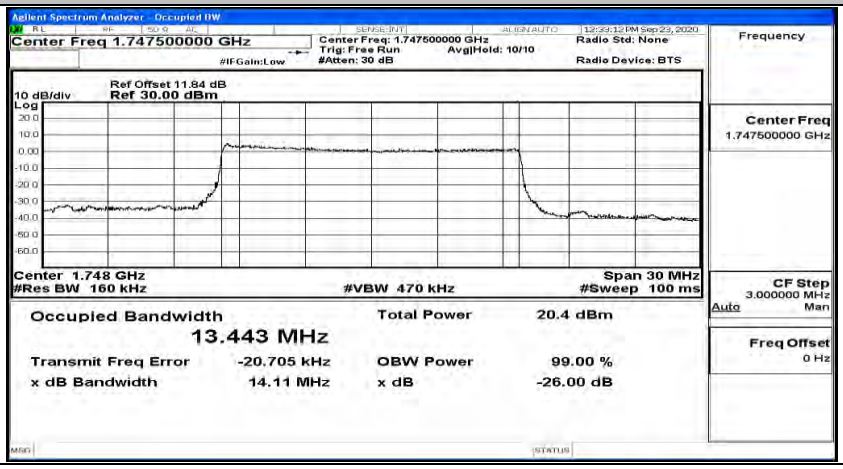
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



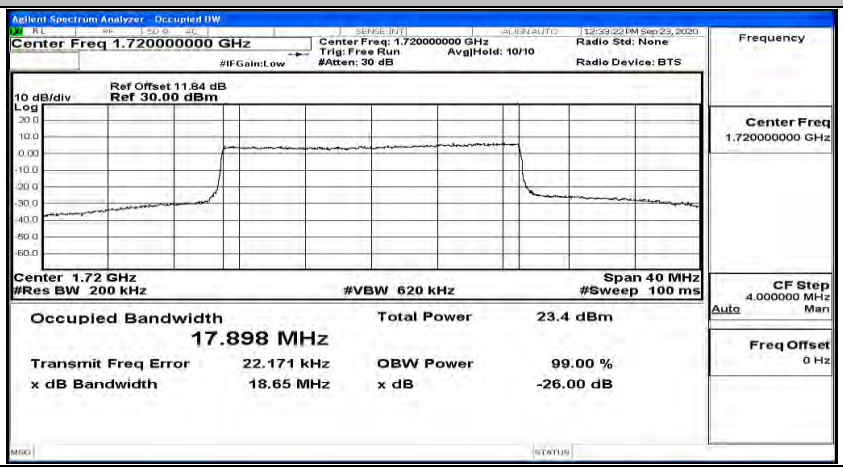
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



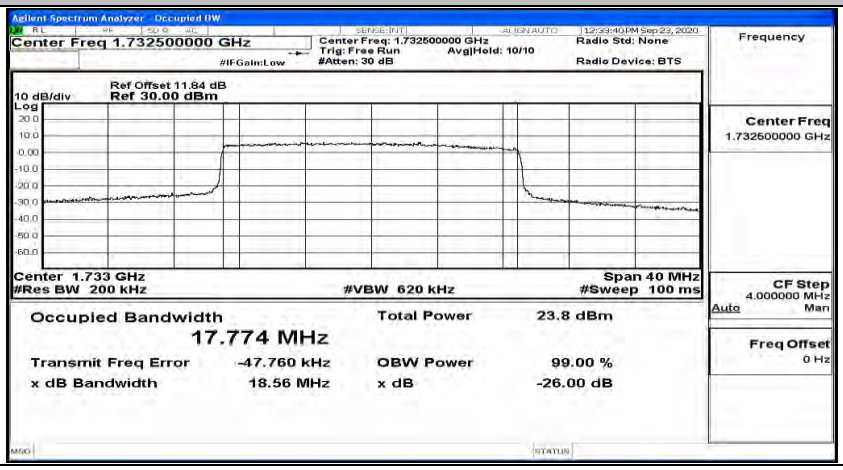
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



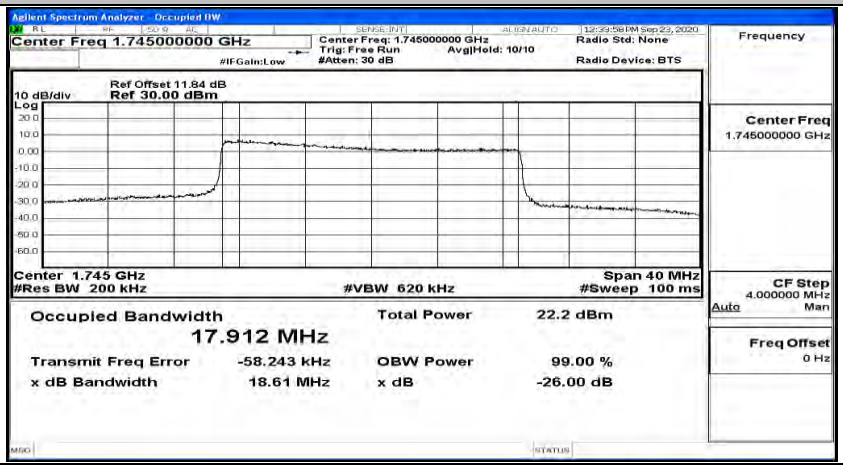
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



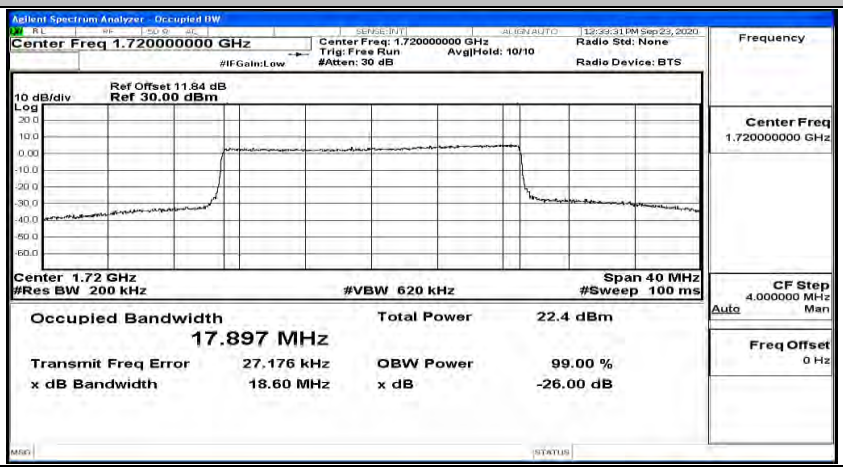
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



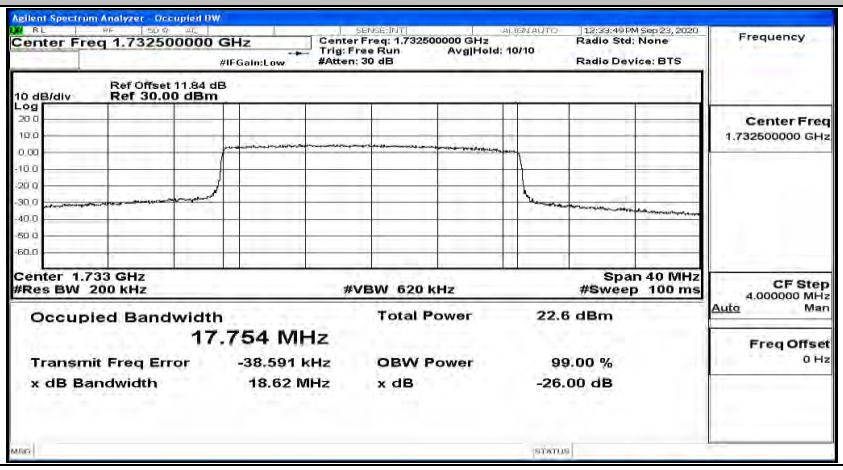
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



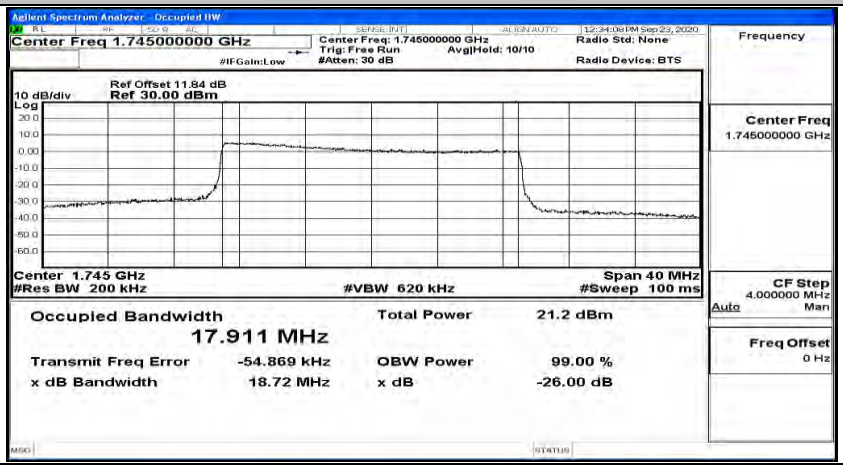
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

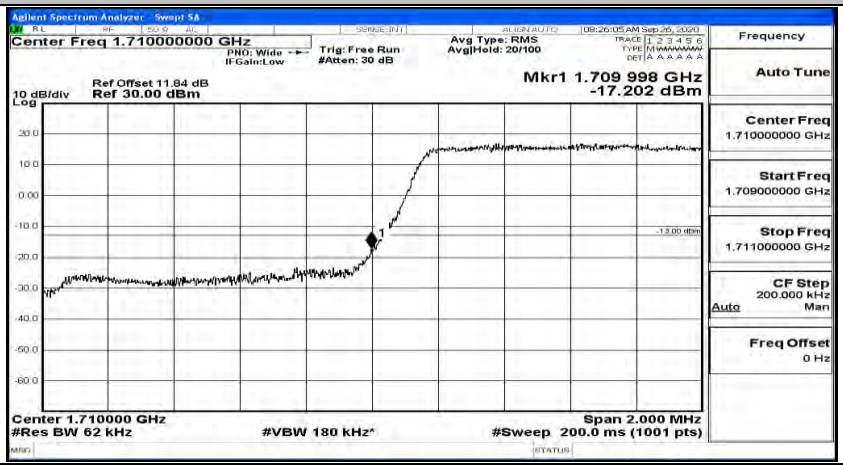


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

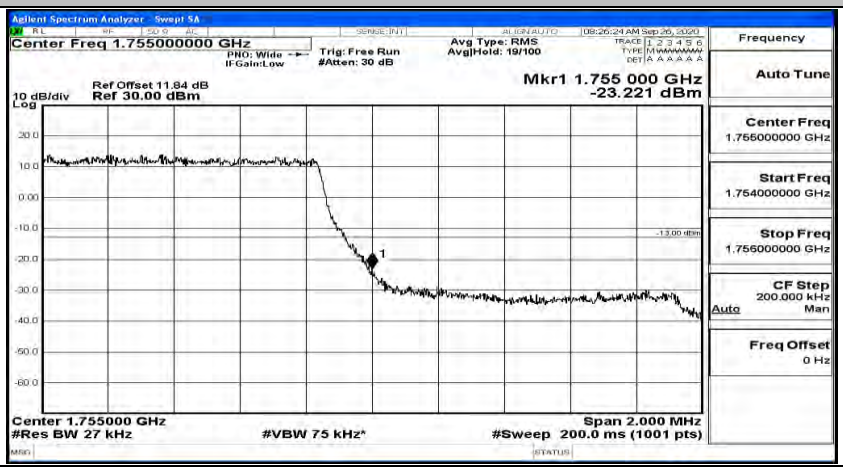


E.4 Band Edge

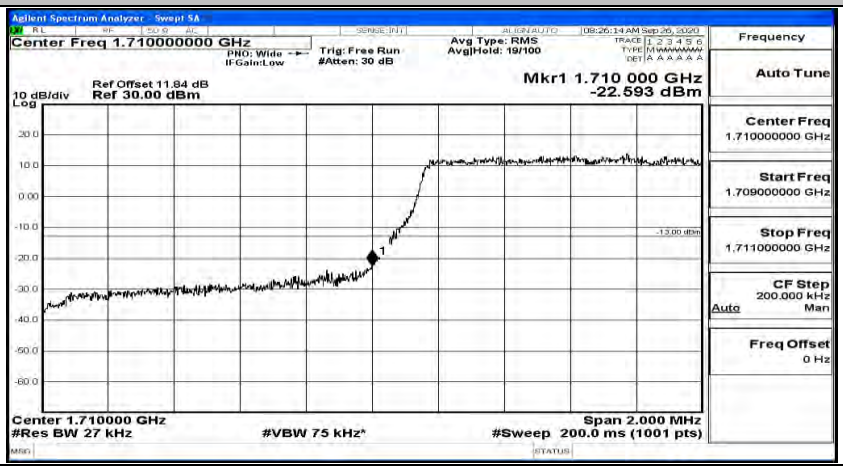
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



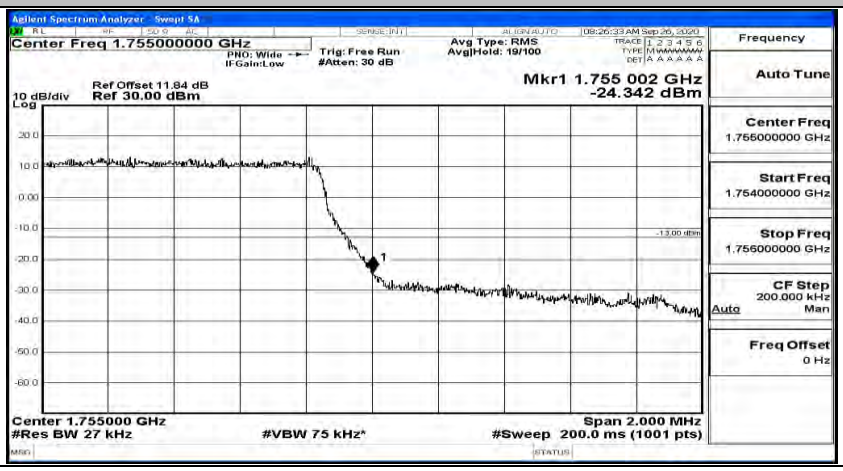
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



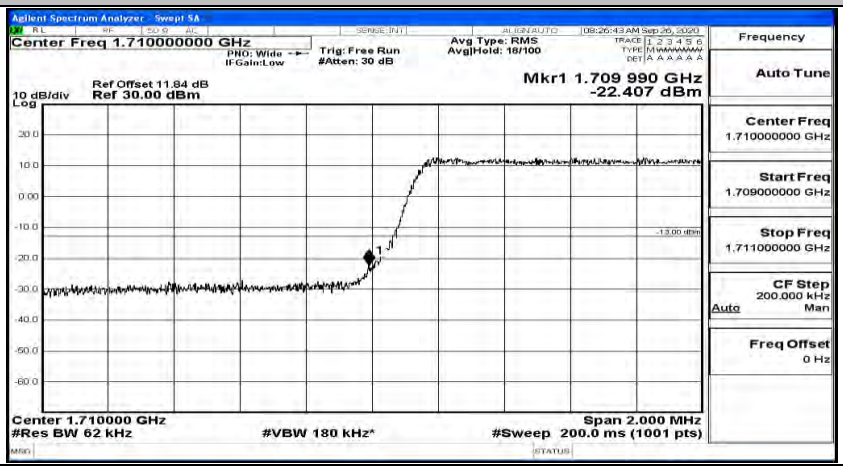
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



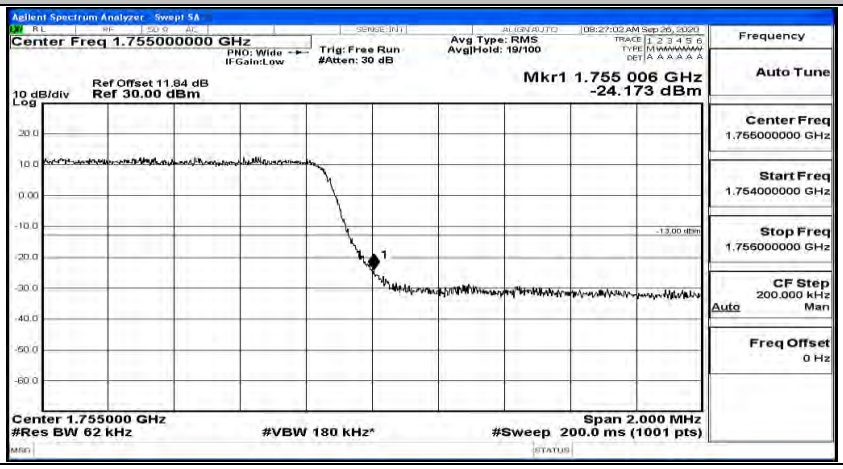
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



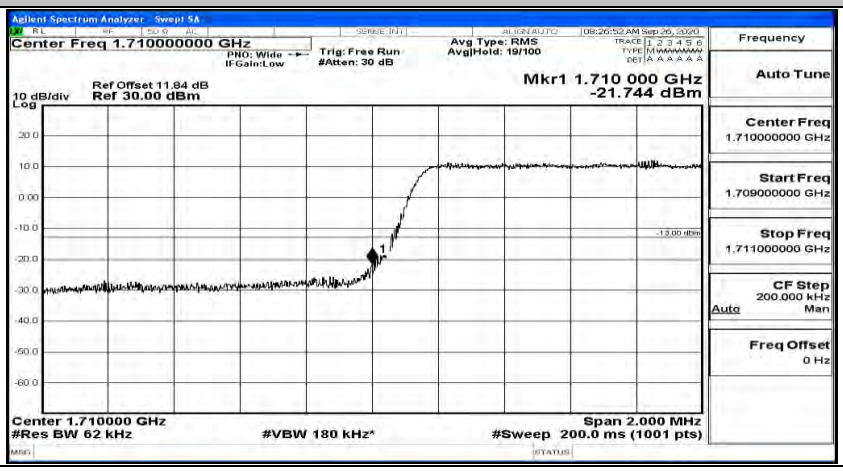
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



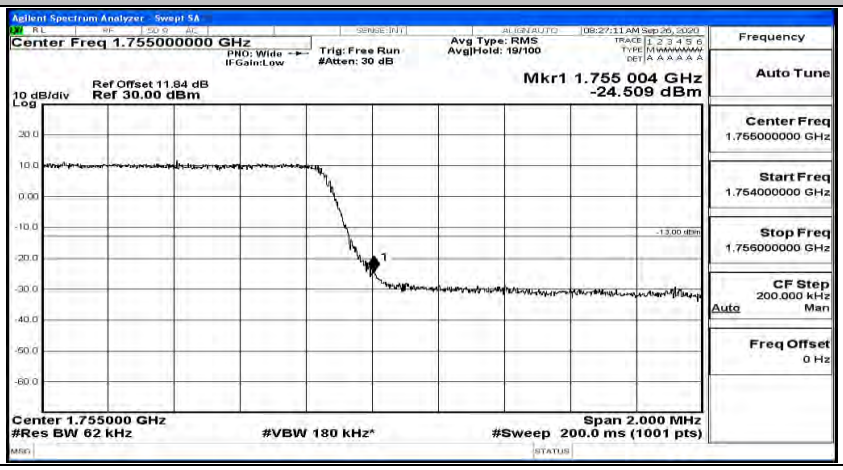
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



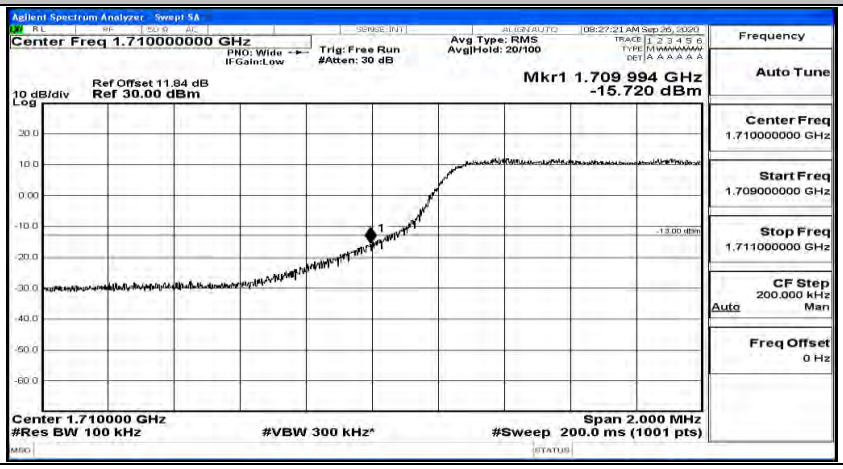
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



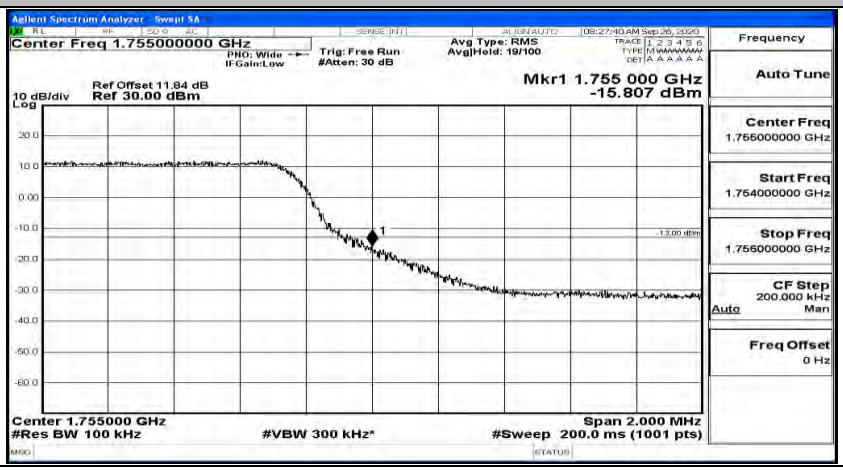
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



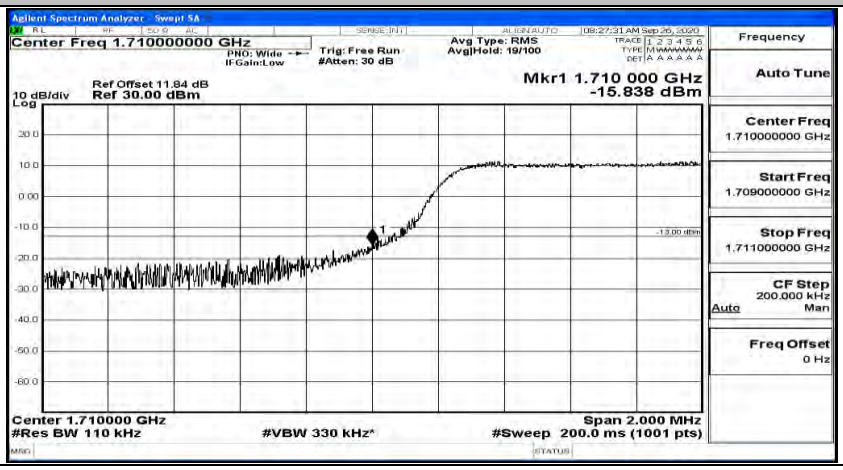
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



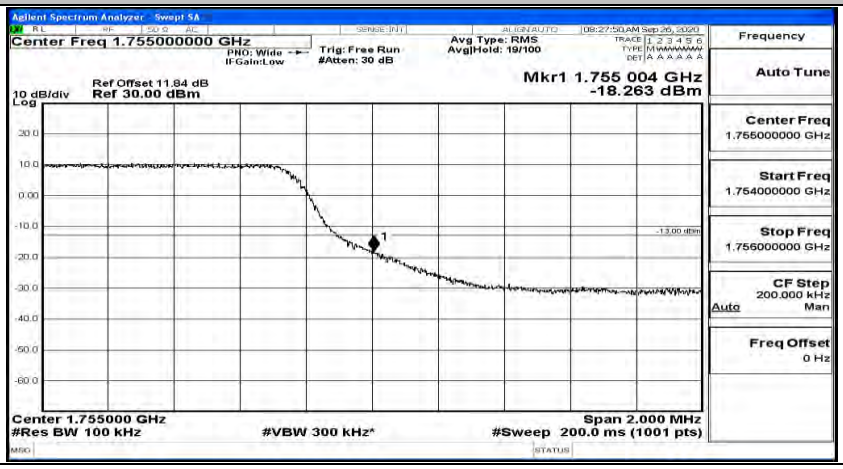
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



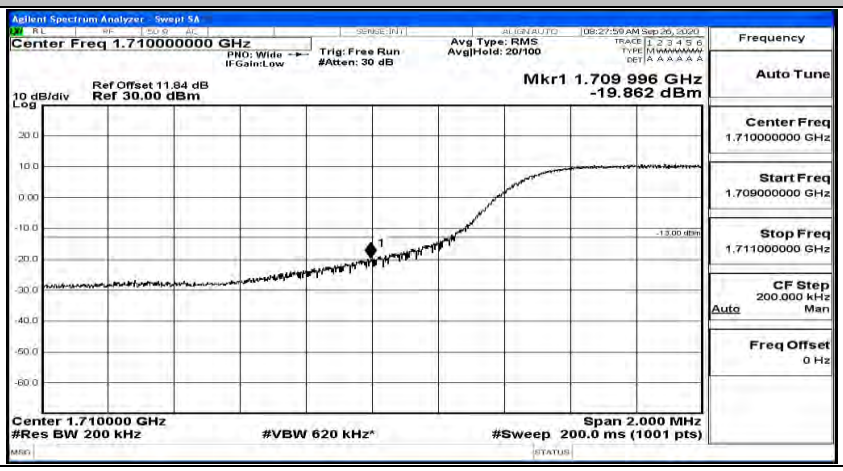
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



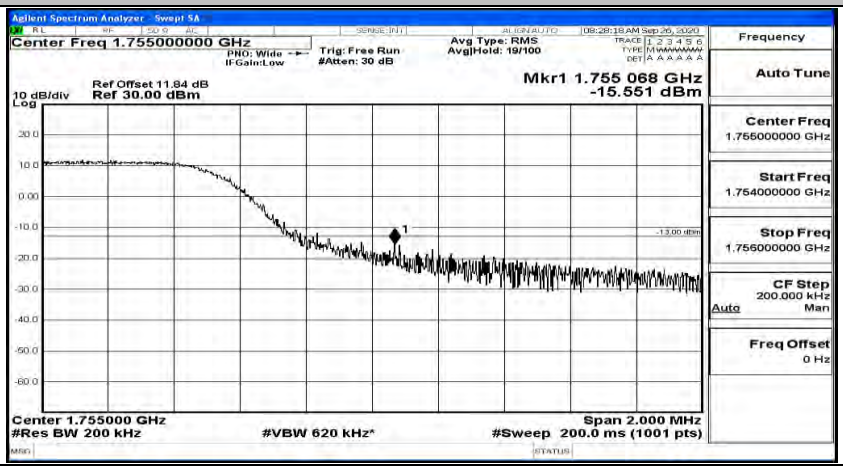
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



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

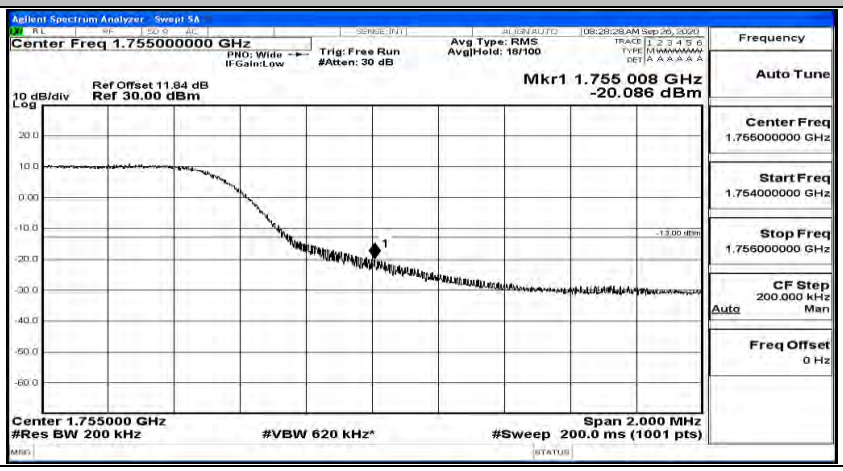


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK

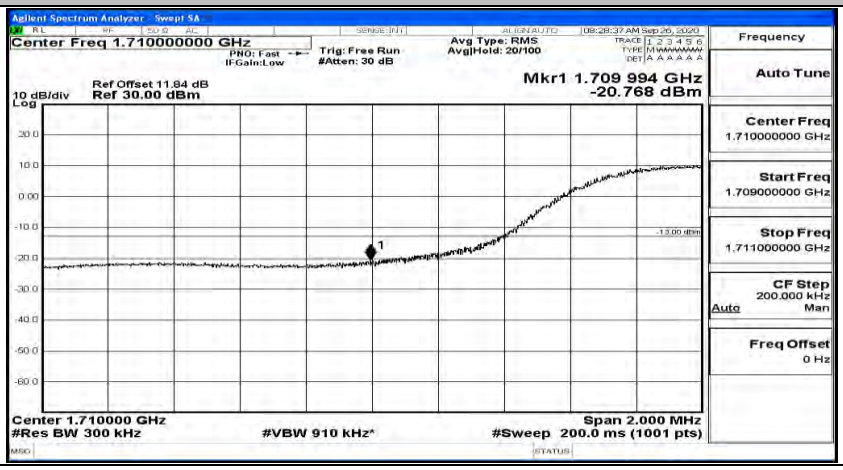


Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM

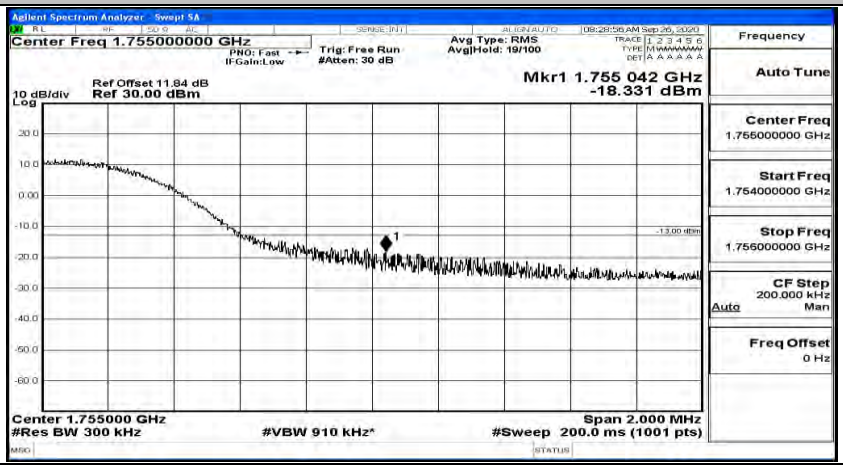
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



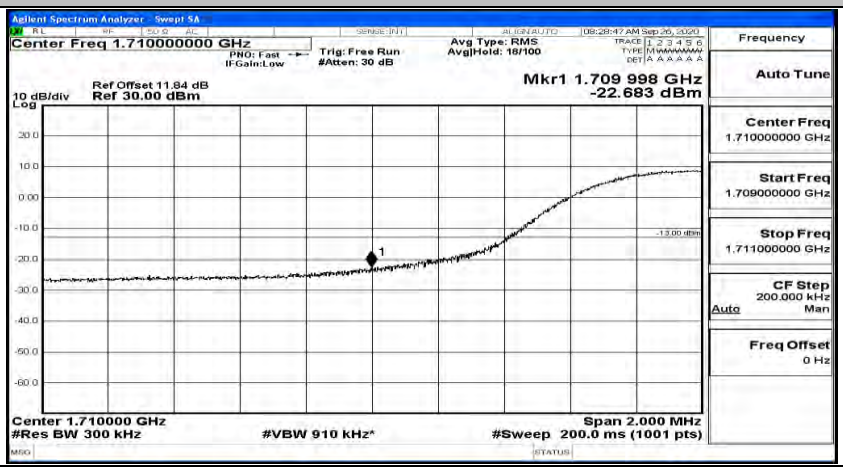
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



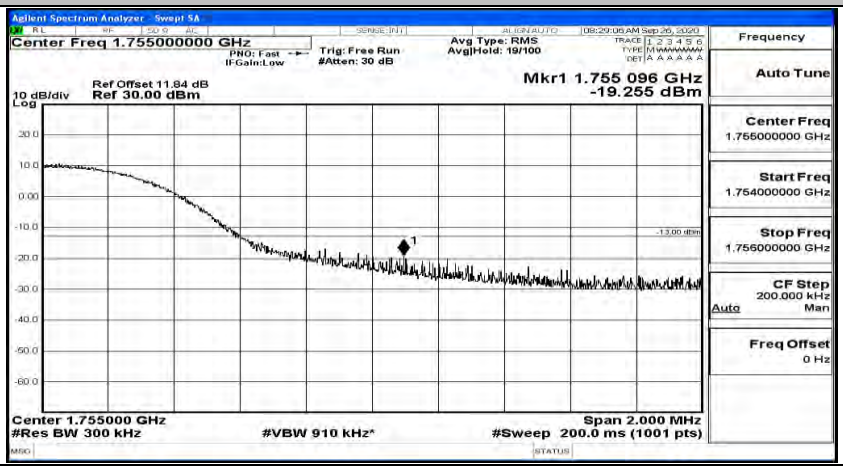
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



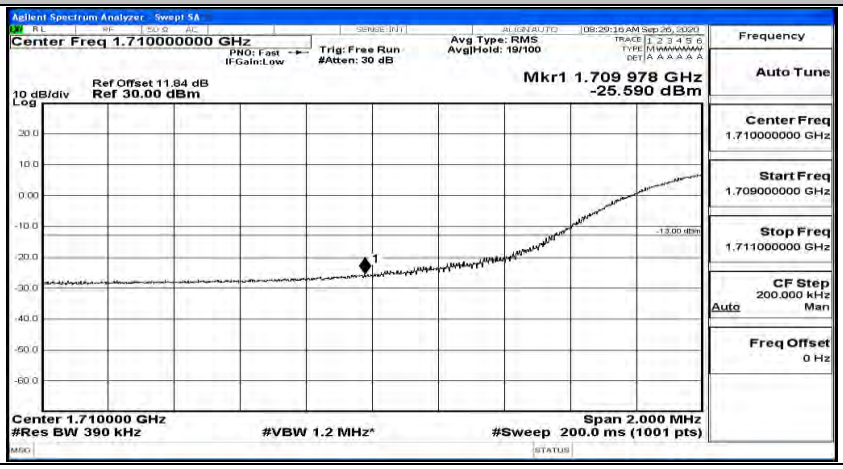
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



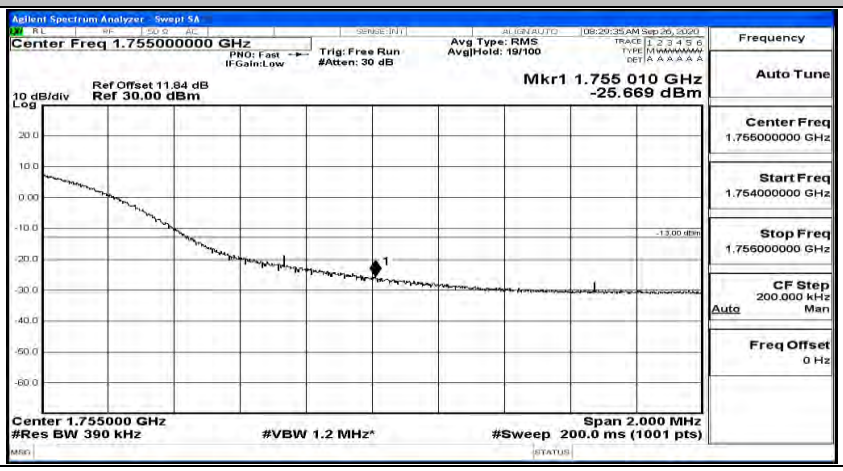
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



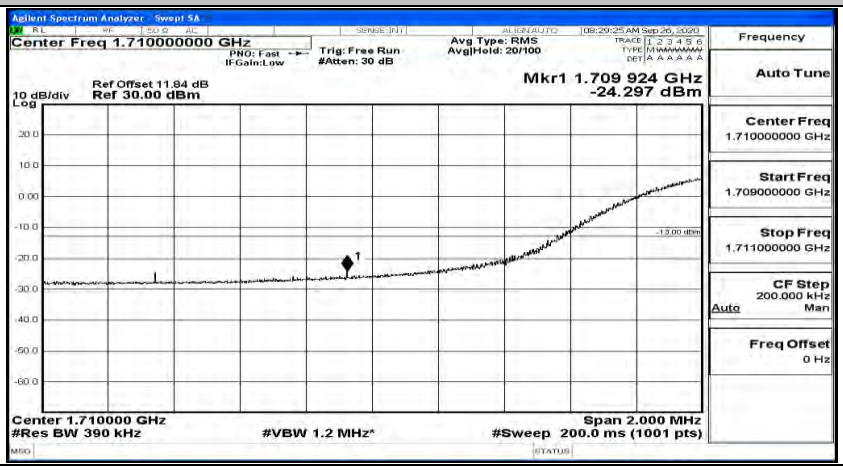
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



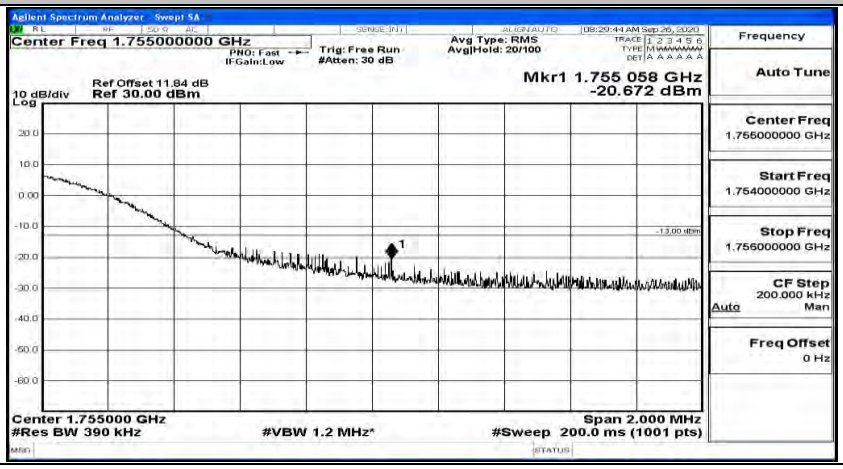
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



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

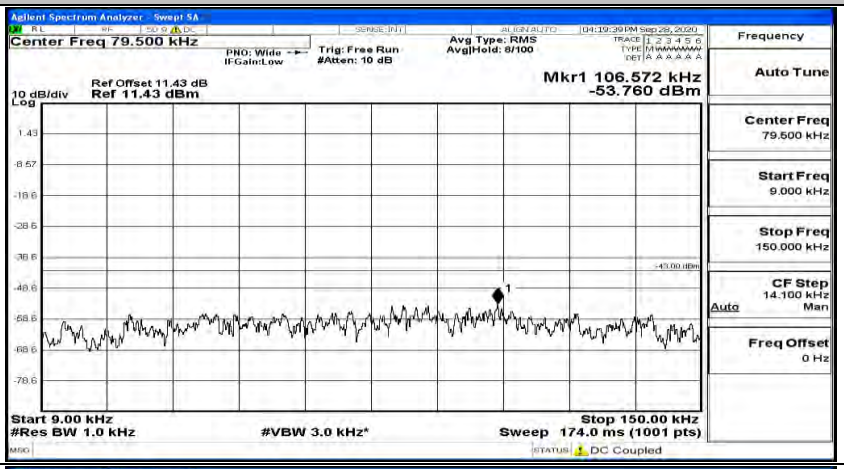


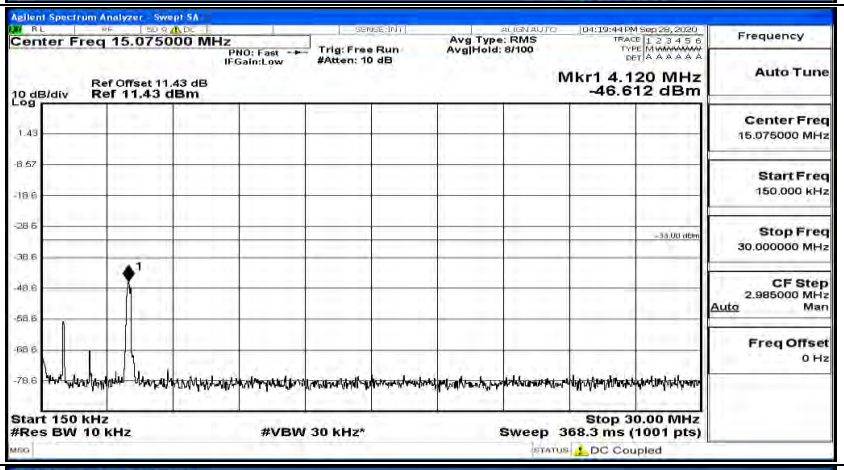
E.5 Conducted Spurious Emission

Test Graphs

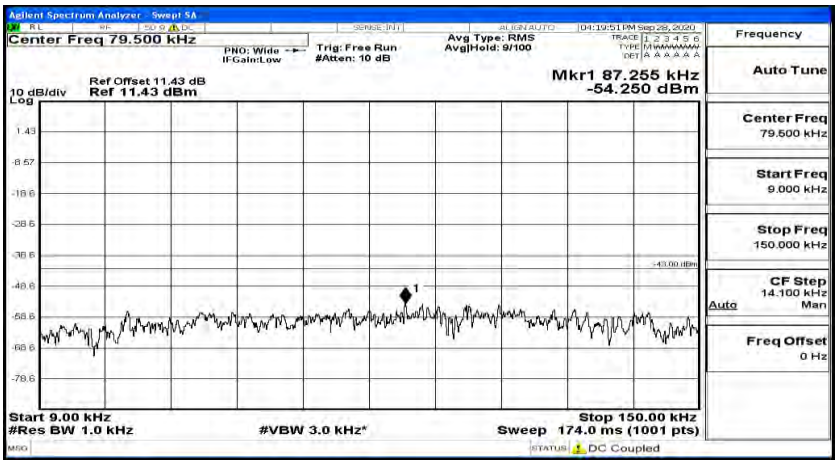
Channel Bandwidth: 1.4 MHz

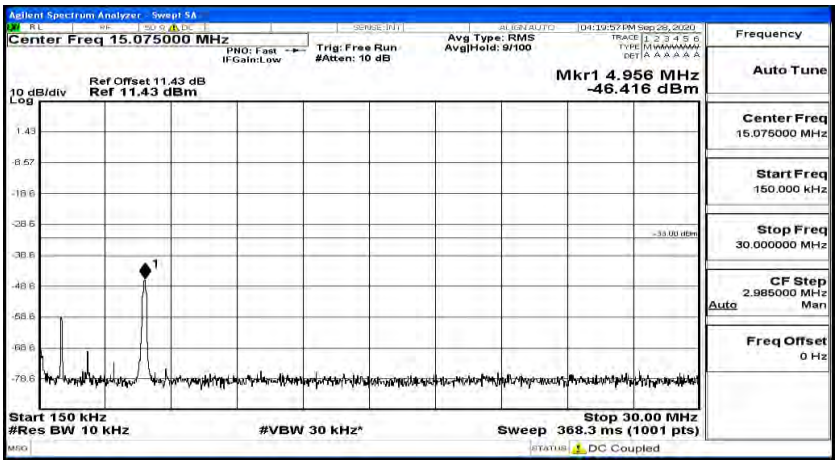
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0



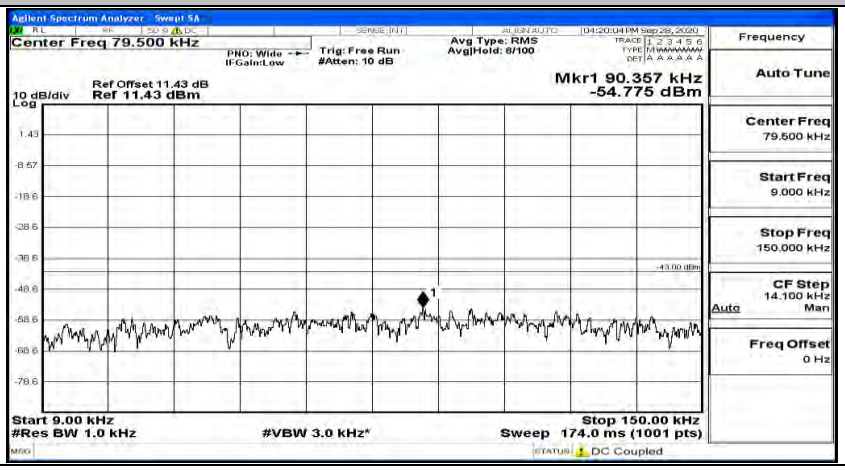


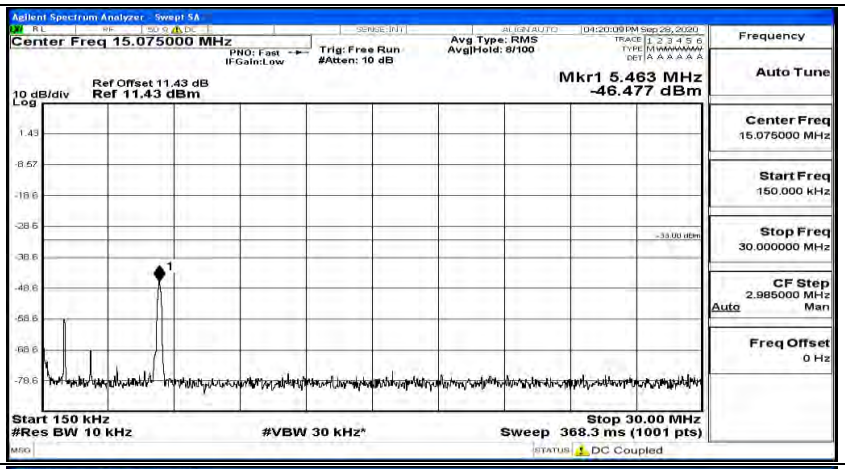
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3



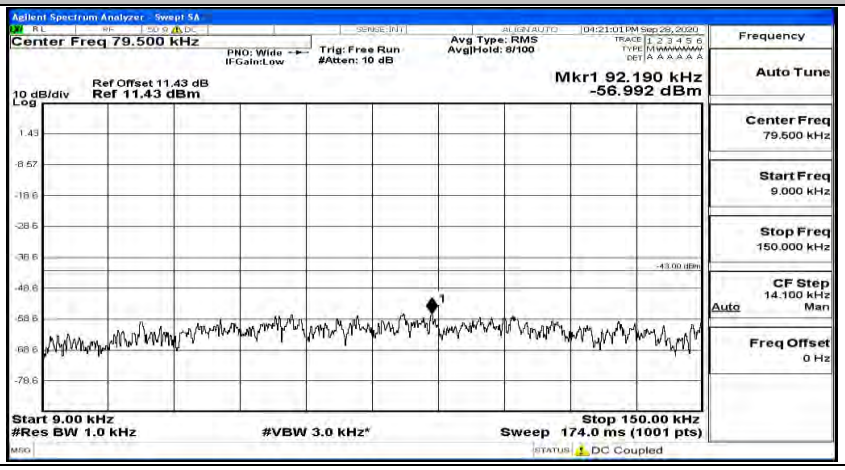


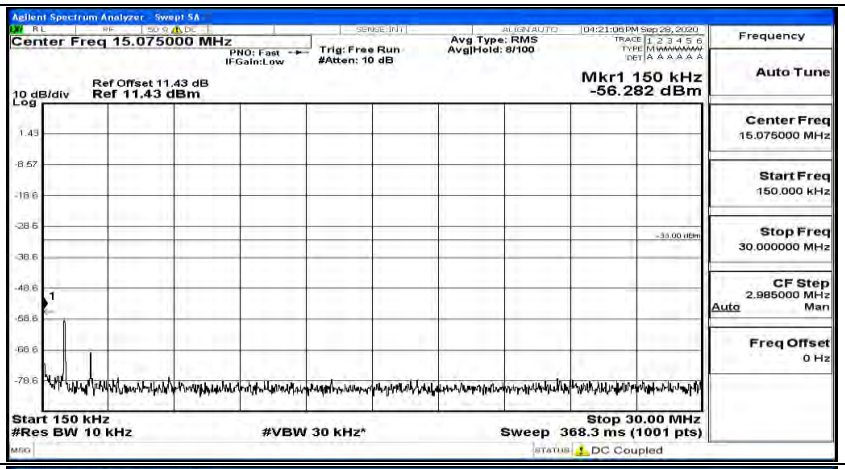
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



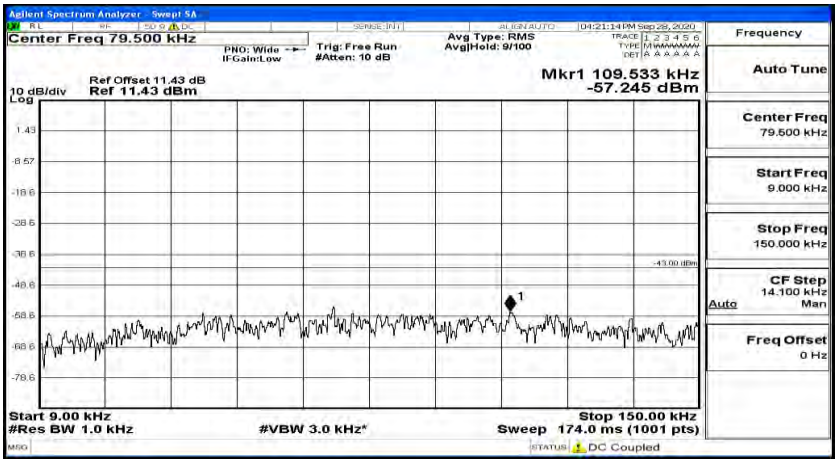


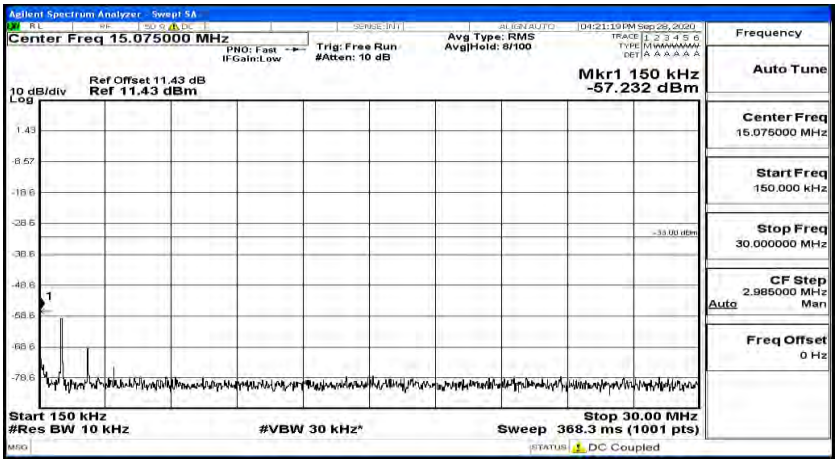
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



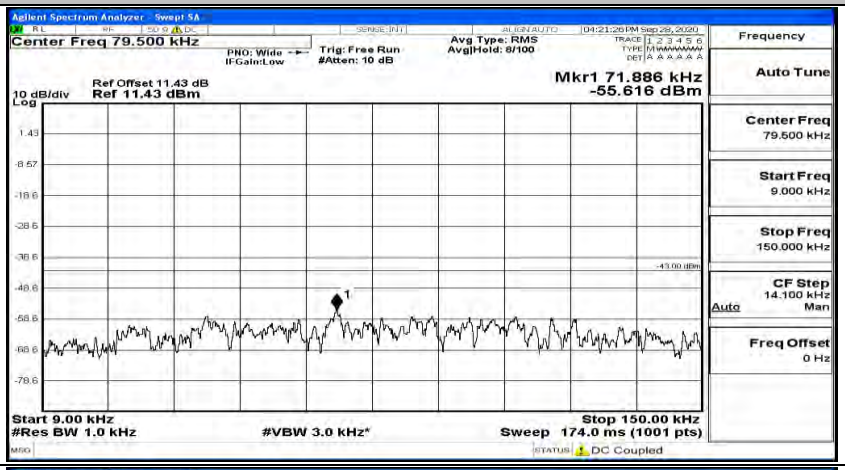


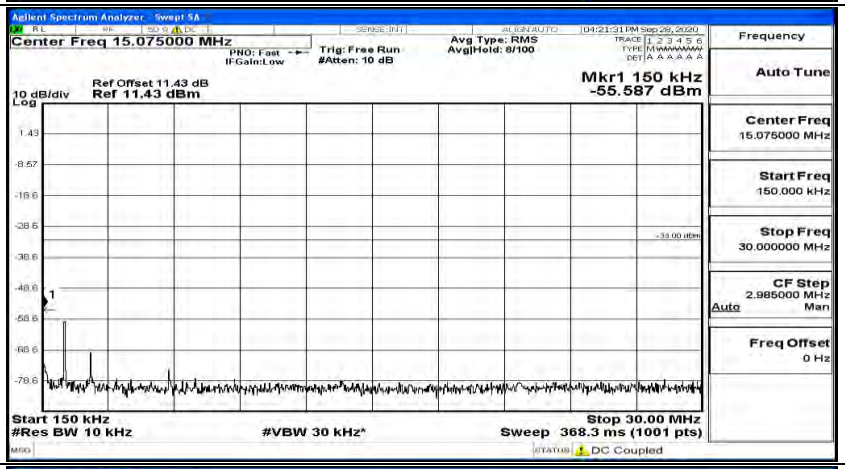
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3



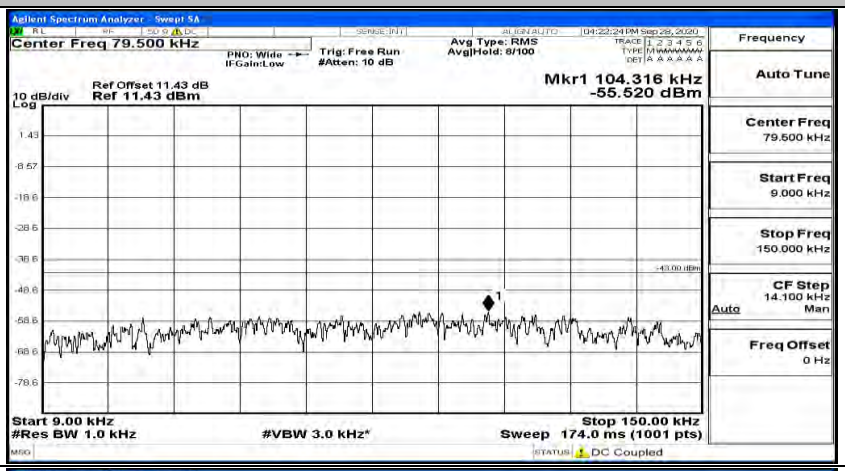


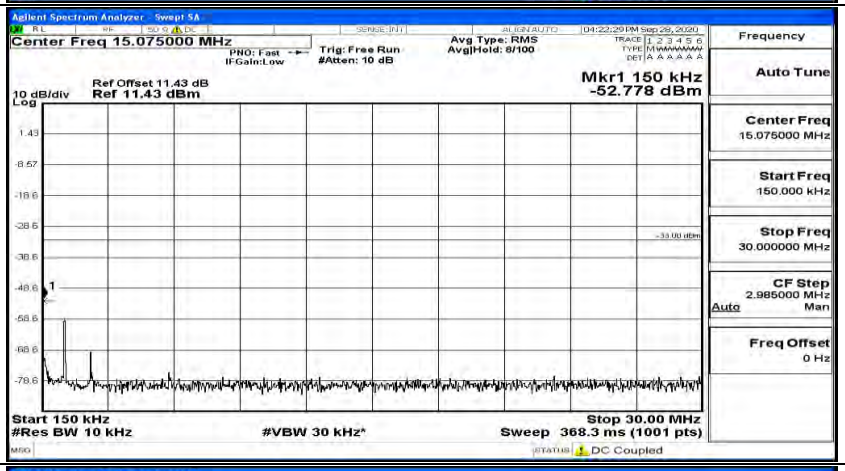
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



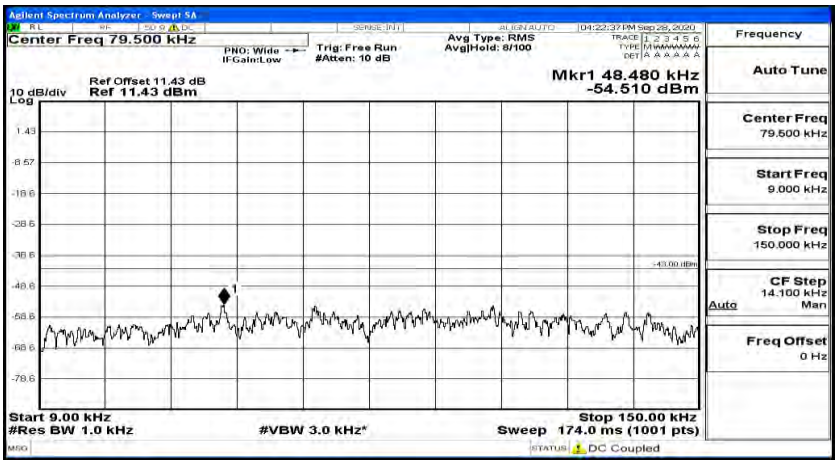


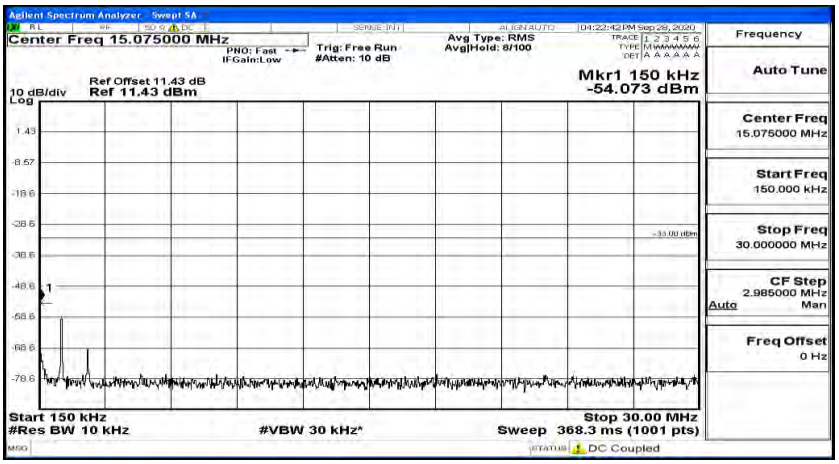
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0



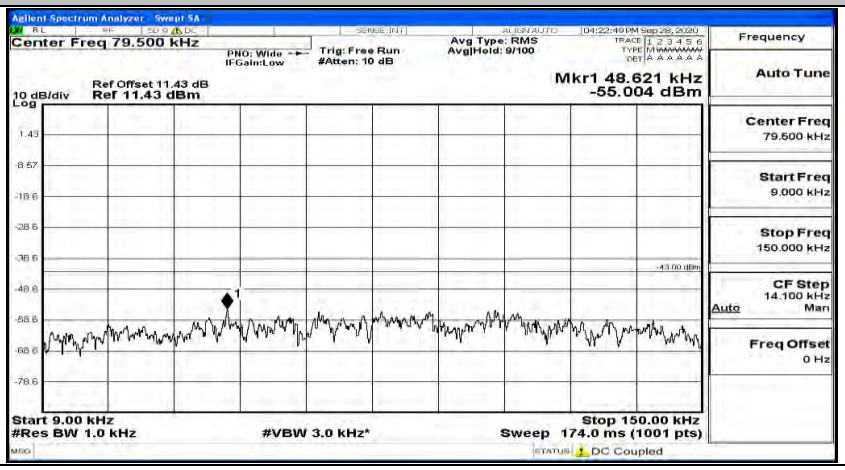


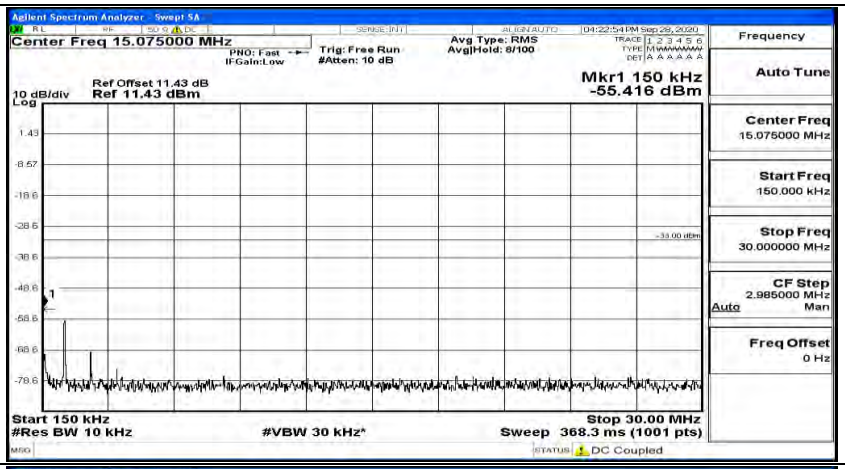
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3



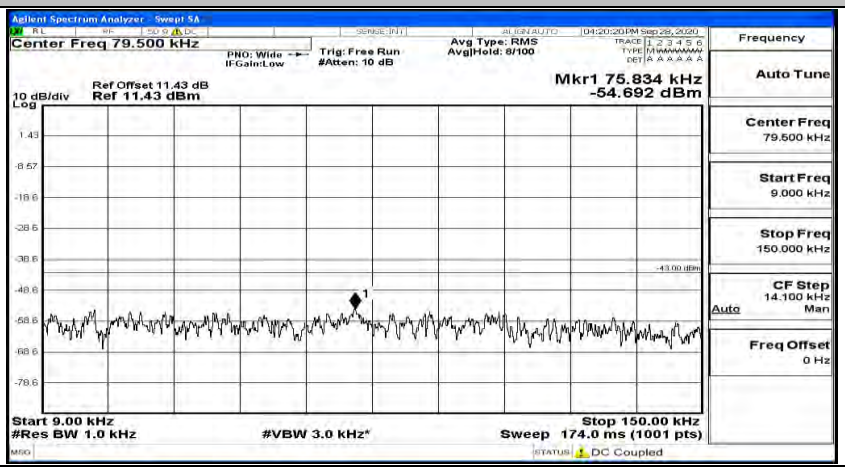


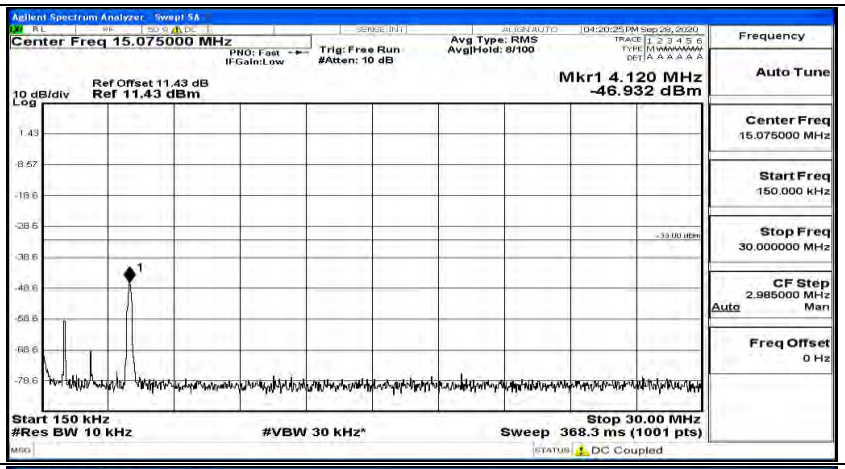
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



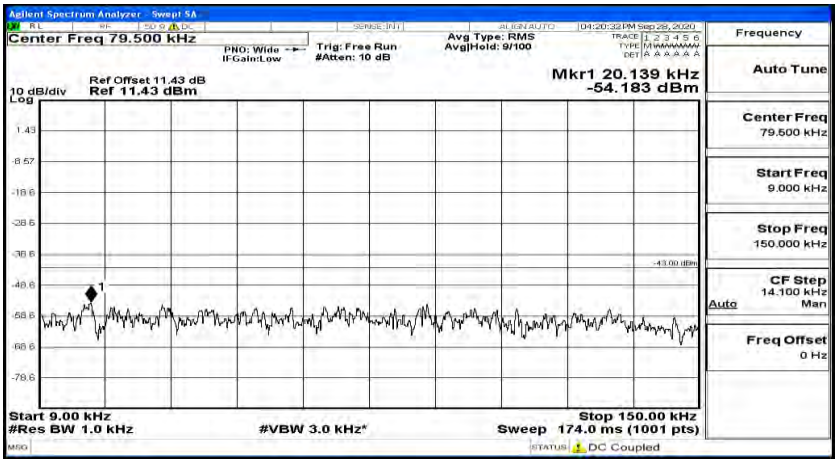


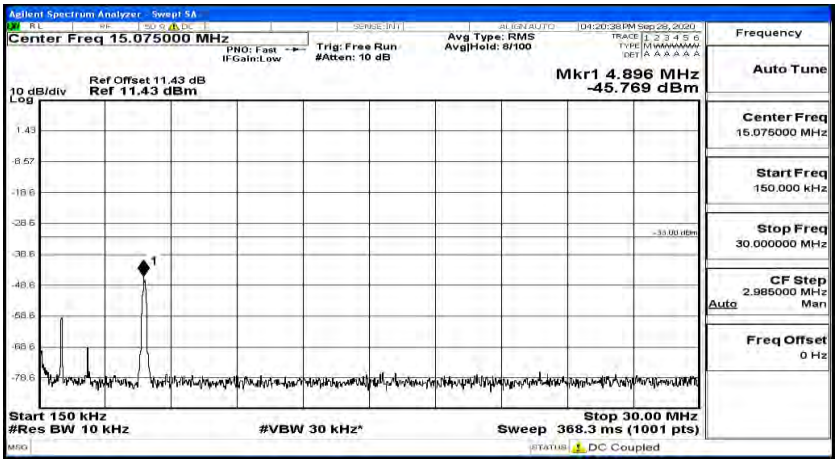
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



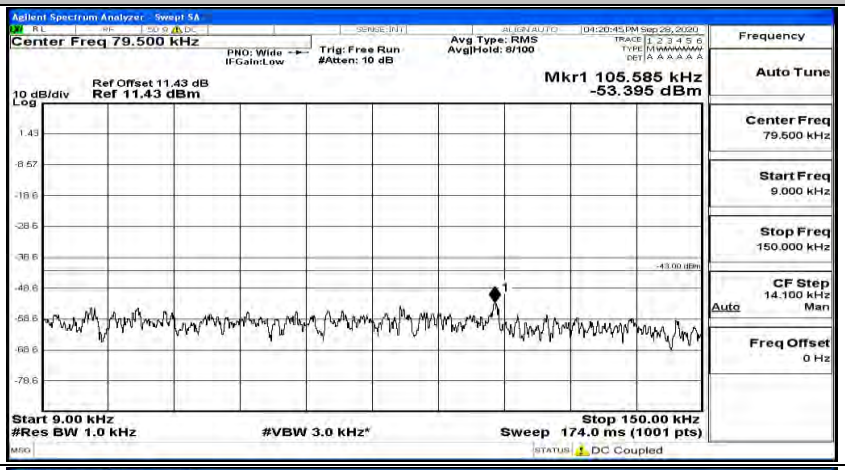


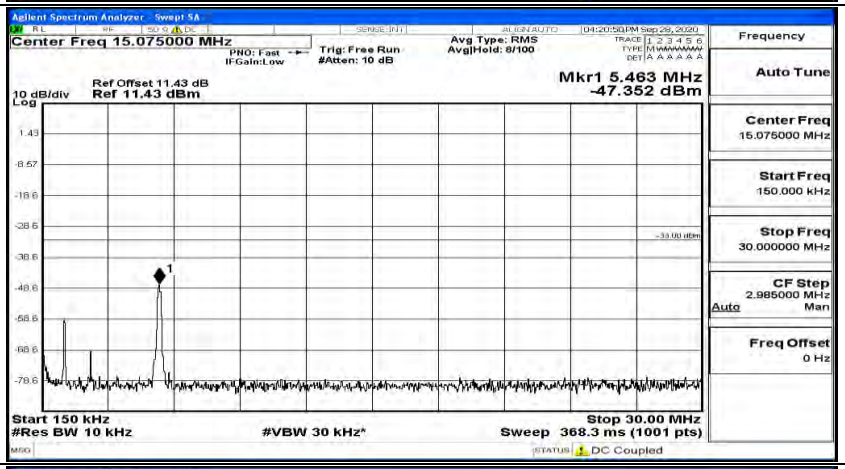
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3



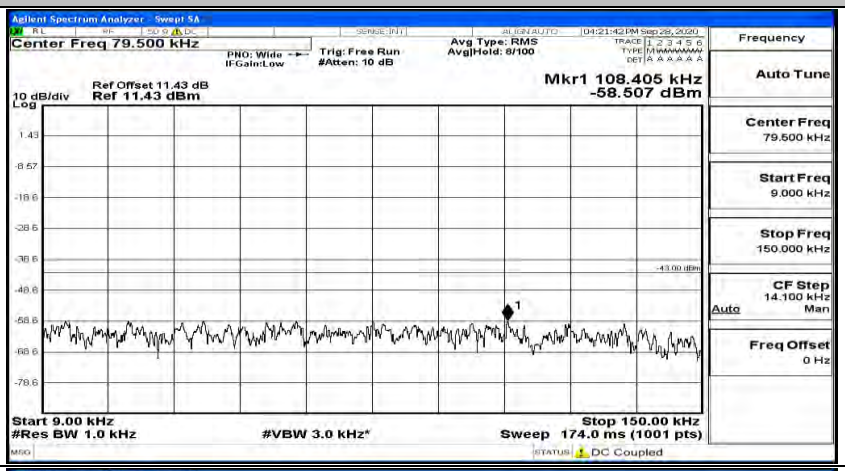


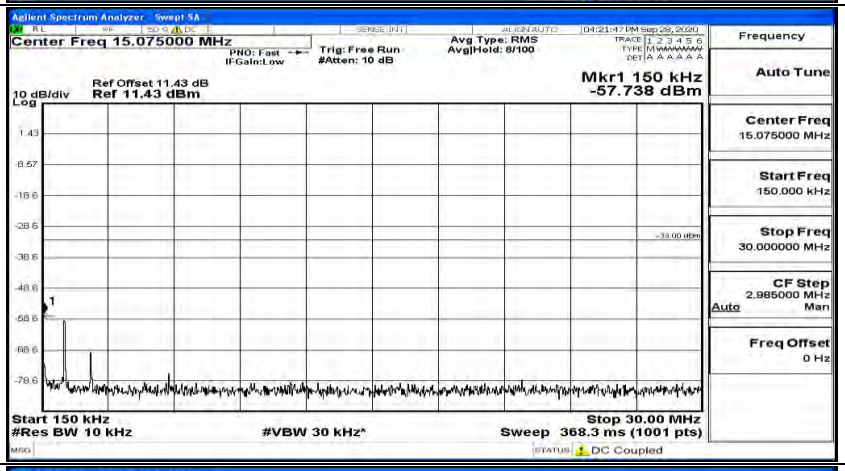
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



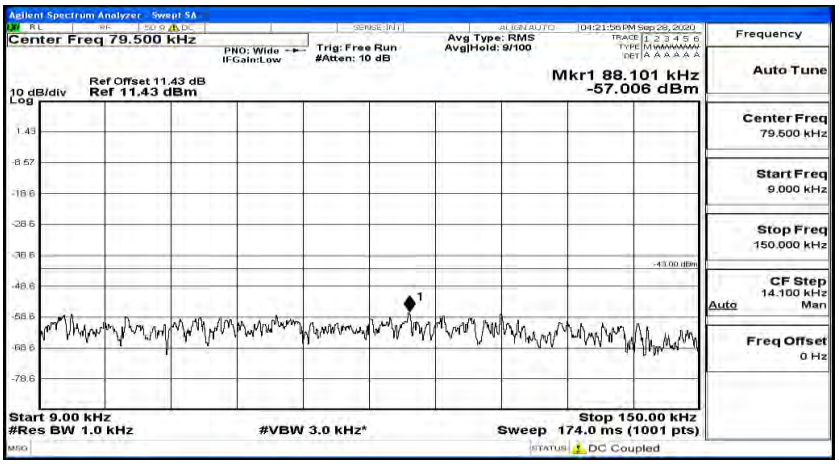


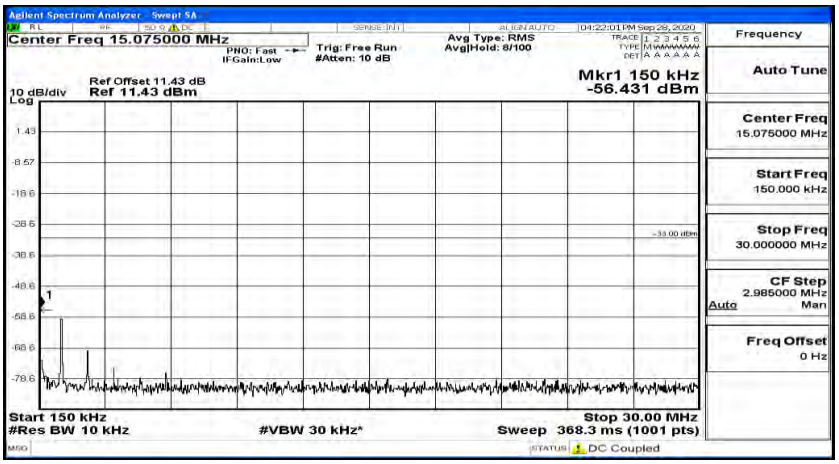
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0



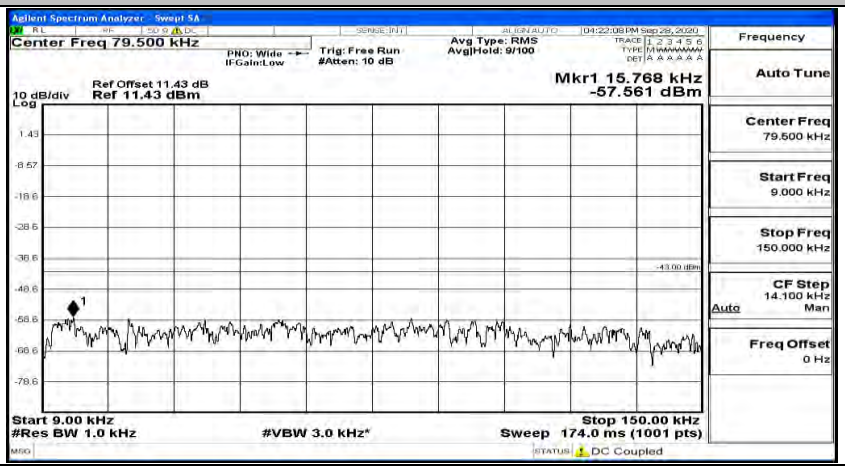


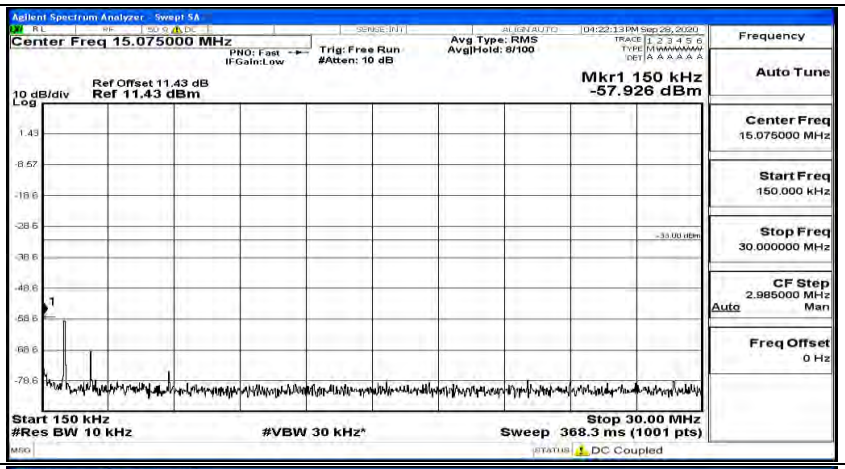
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3



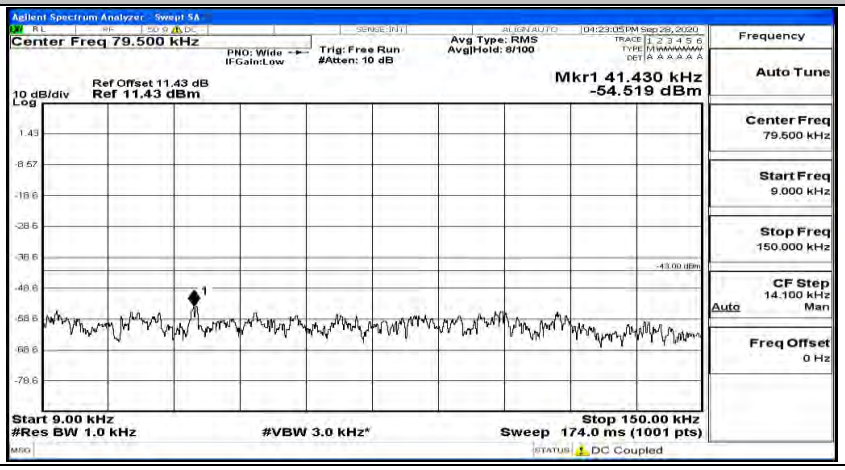


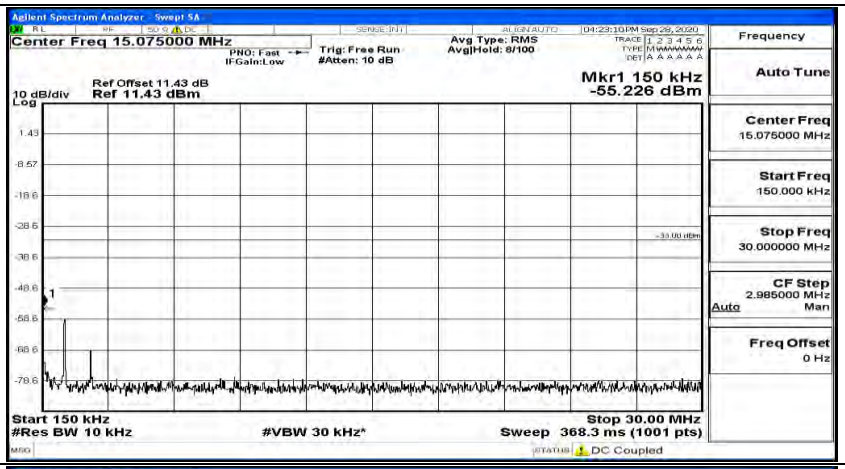
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



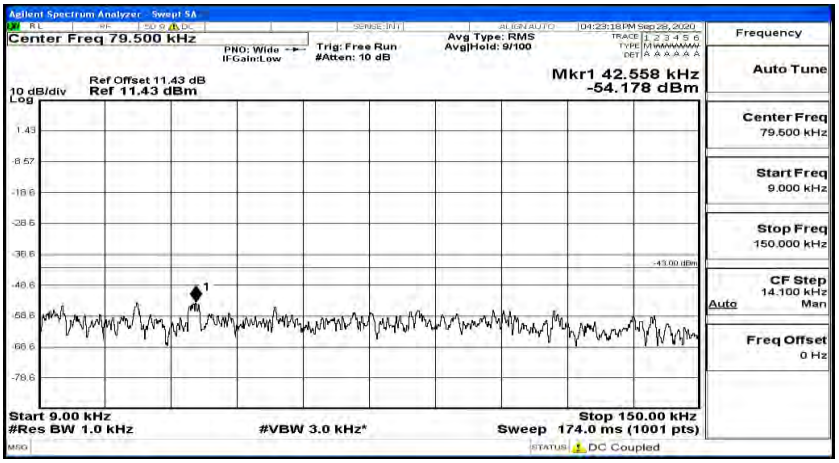


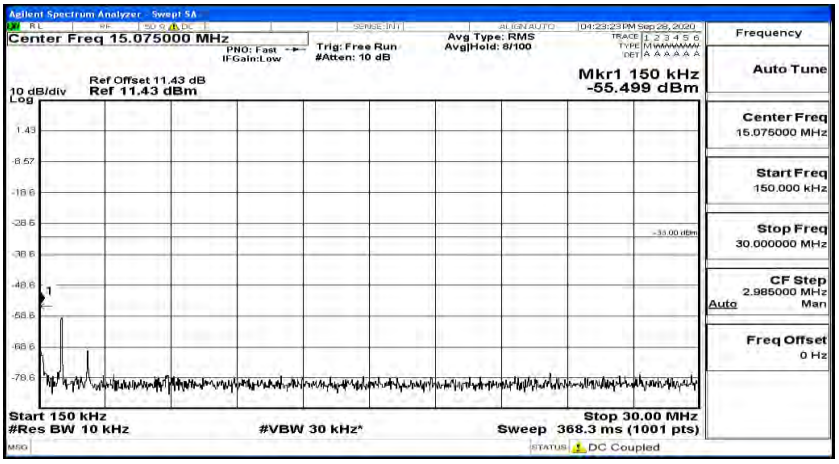
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



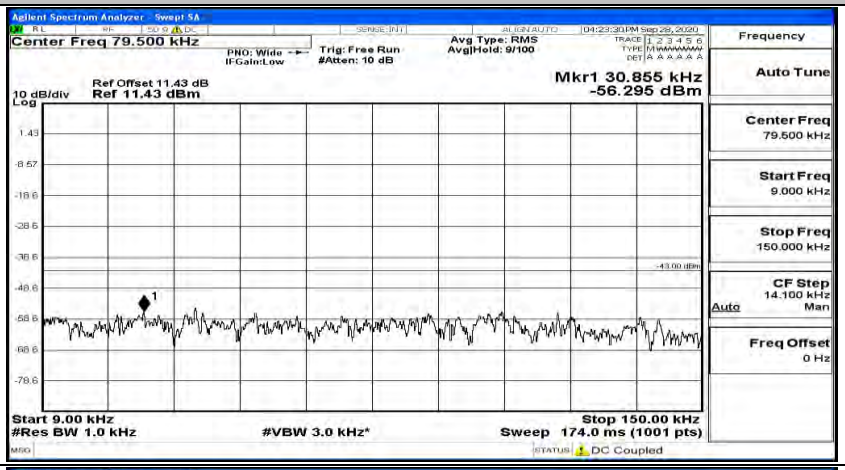


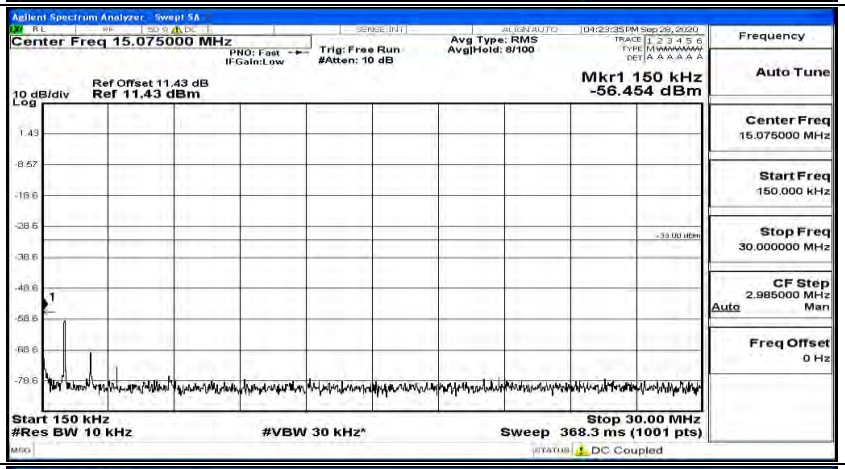
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3





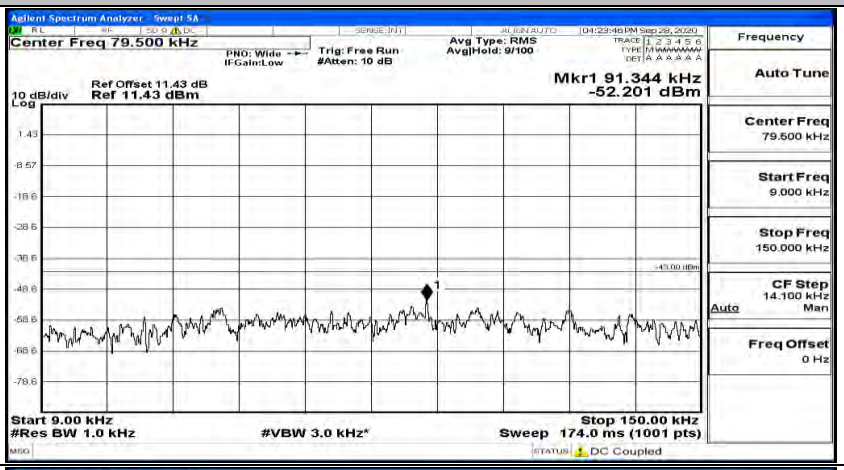
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

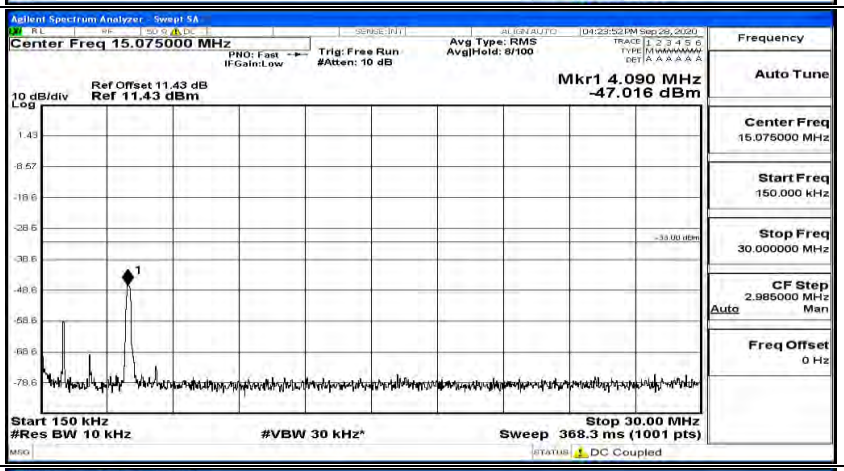




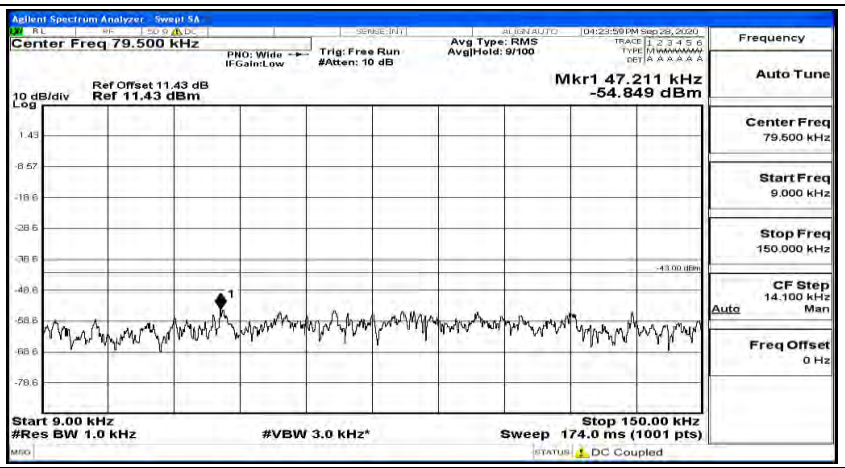
Channel Bandwidth: 3 MHz

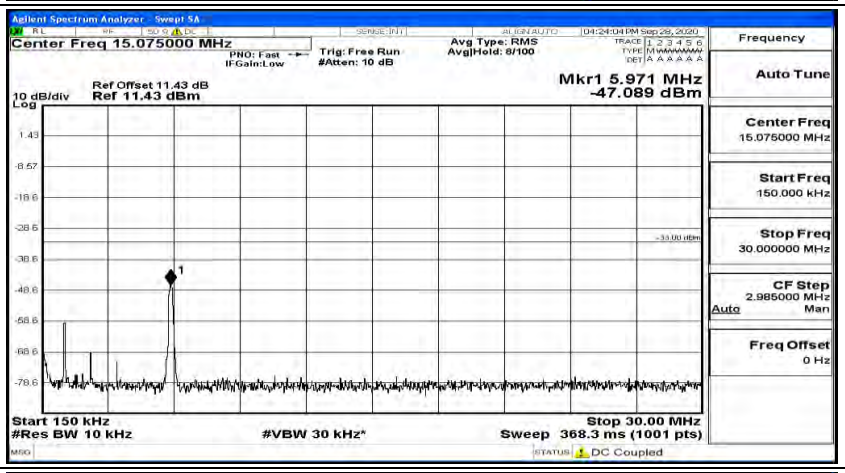
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0



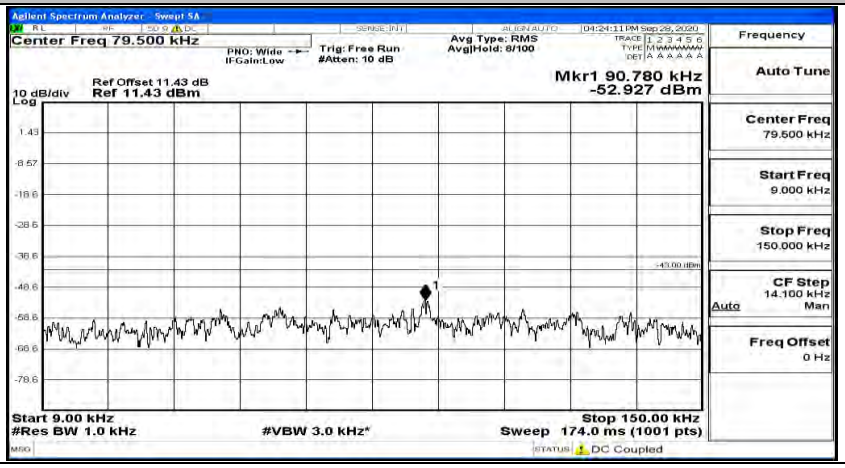


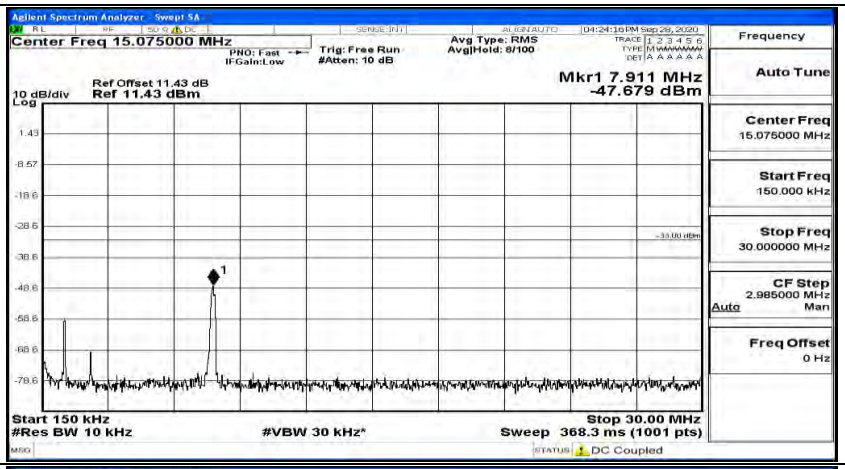
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



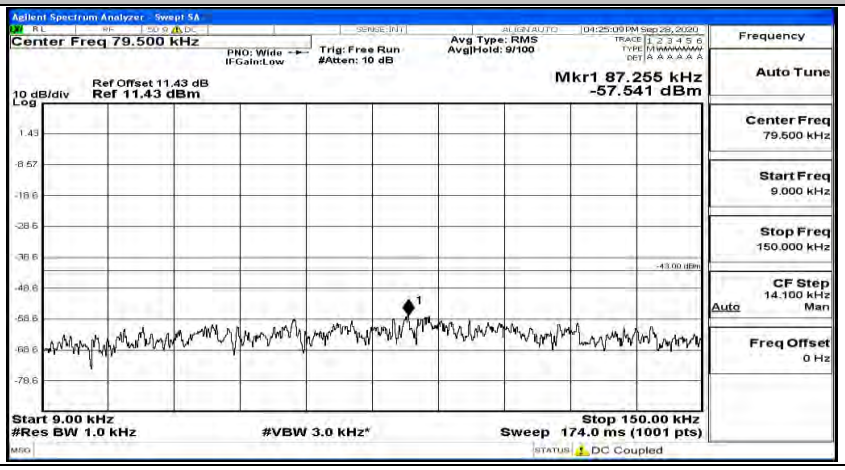


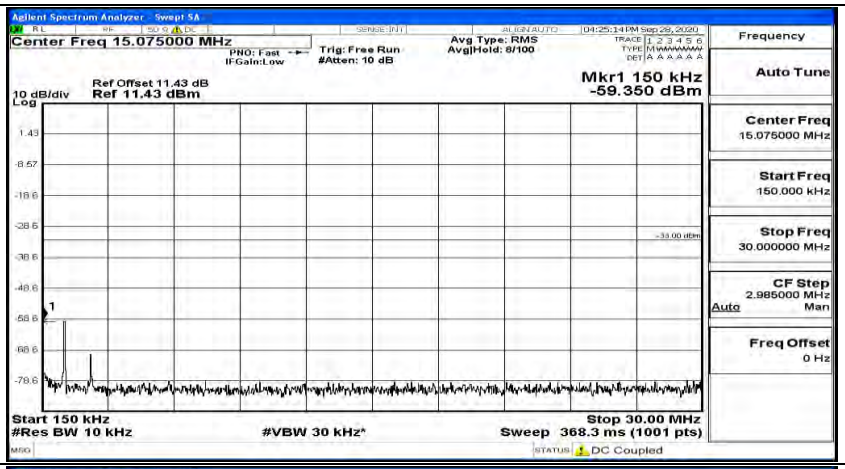
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



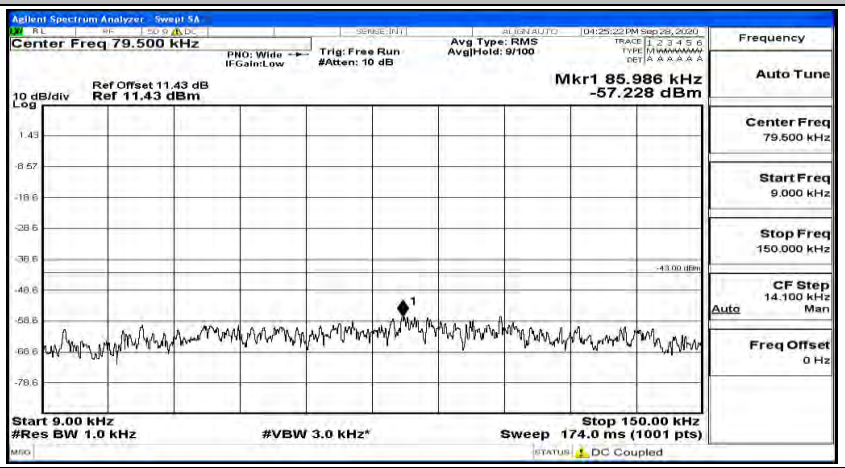


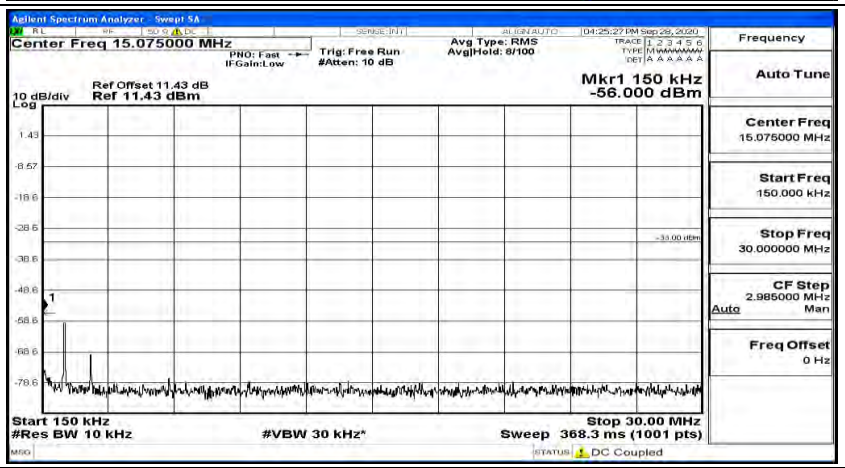
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



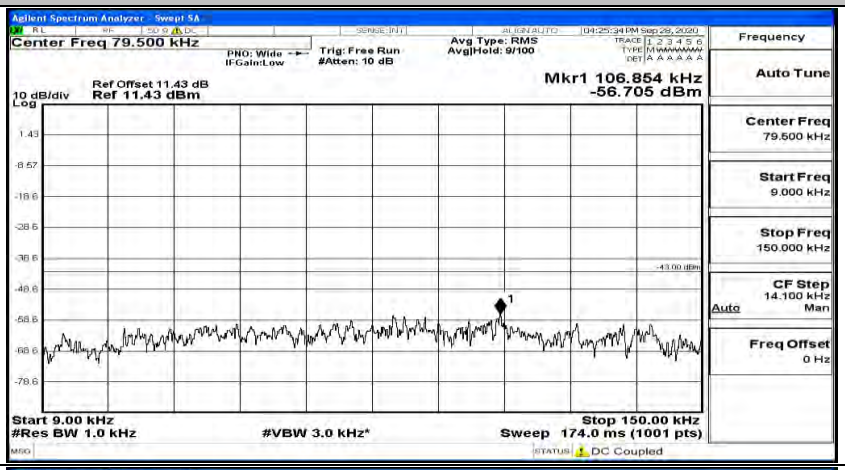


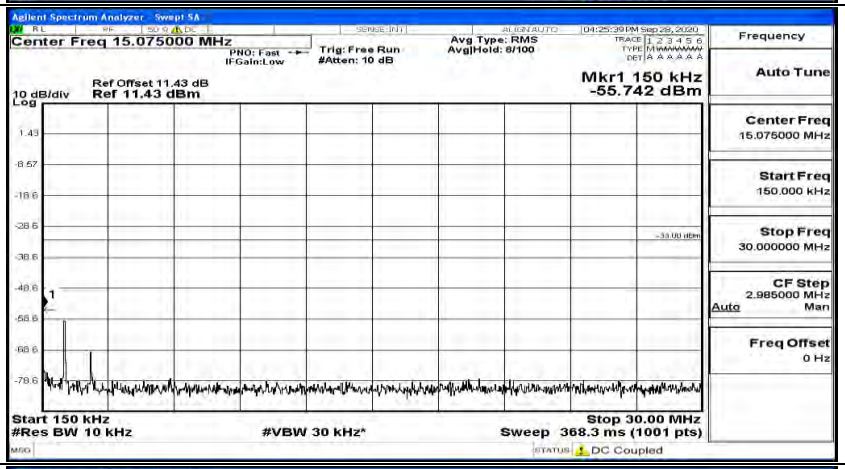
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7



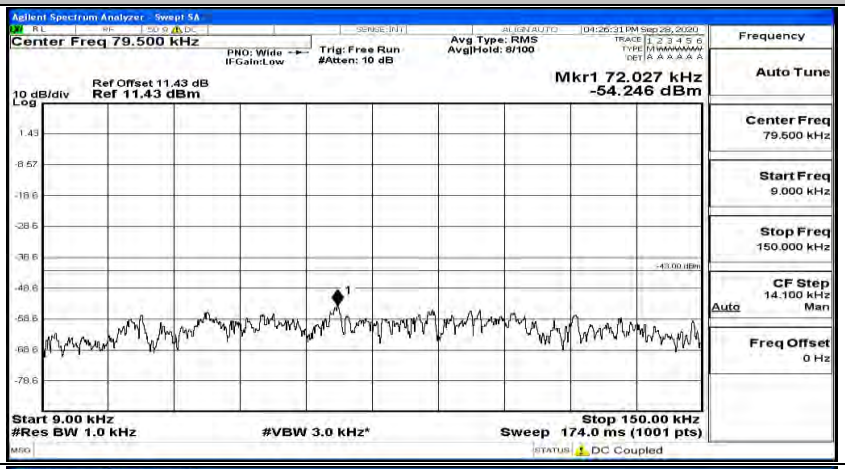


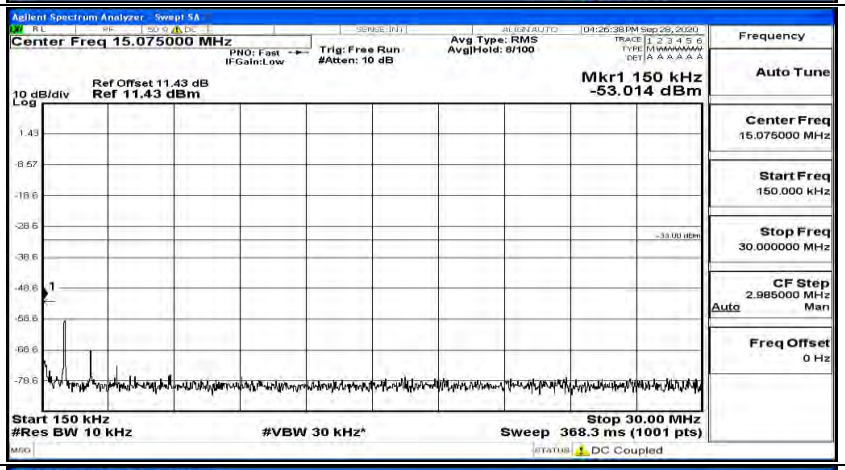
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



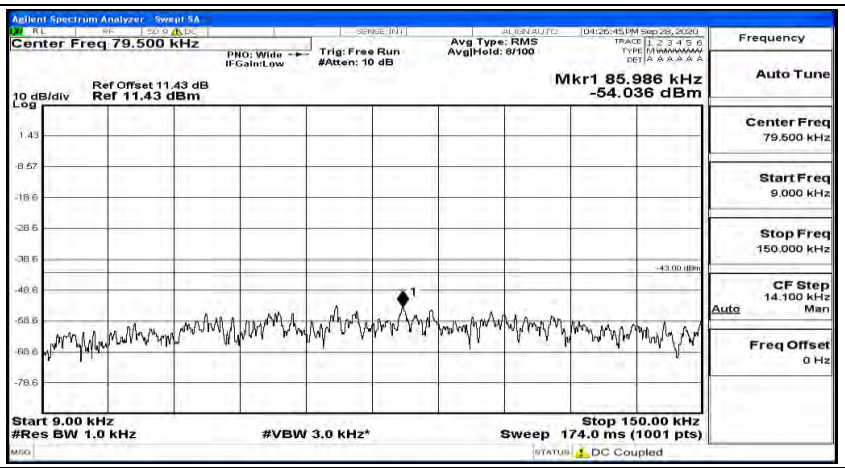


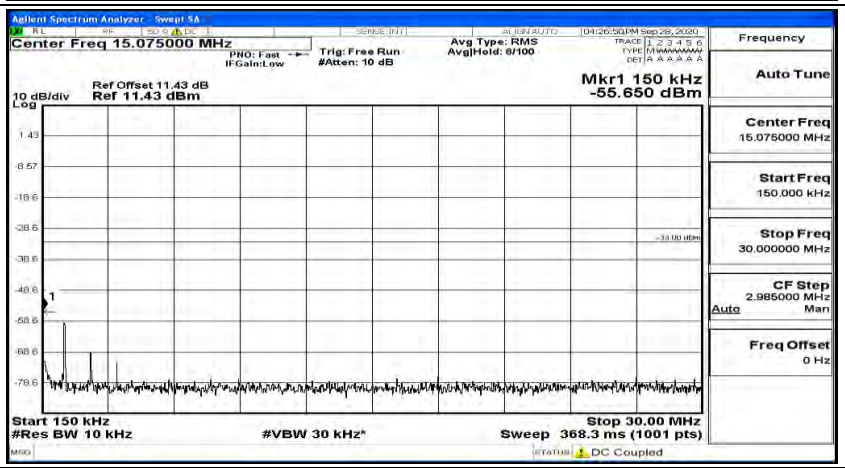
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

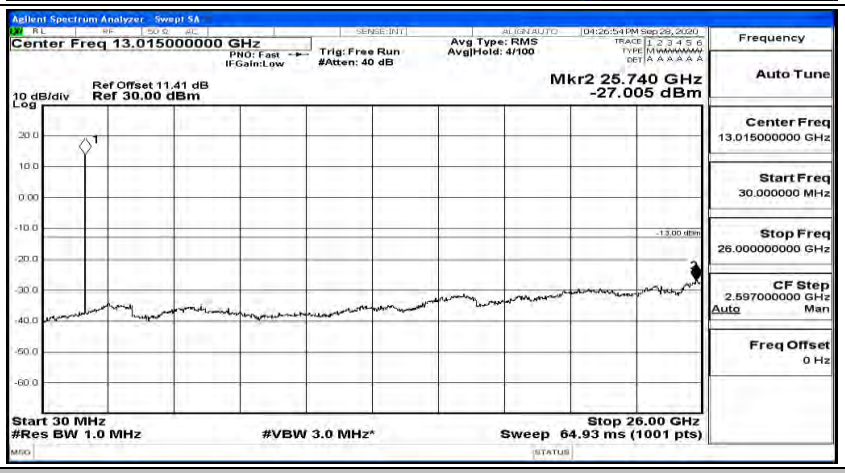




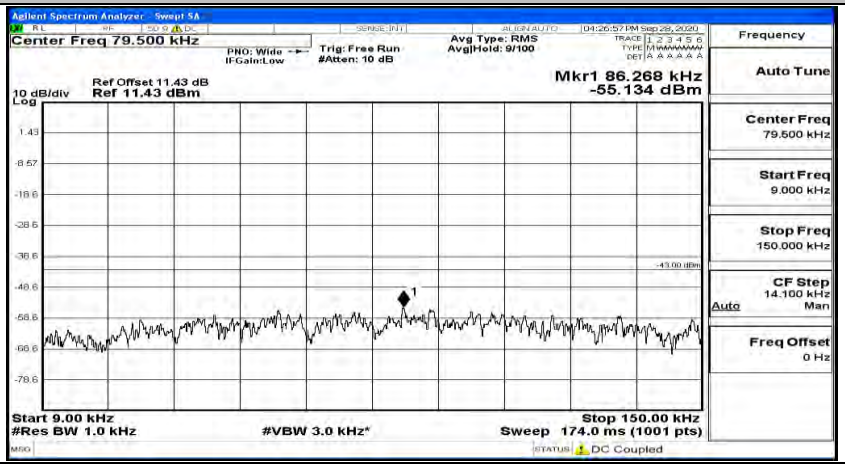
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

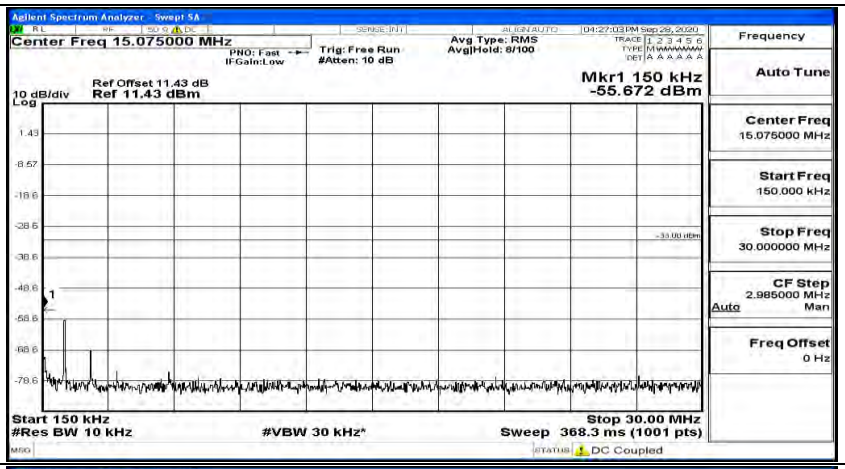






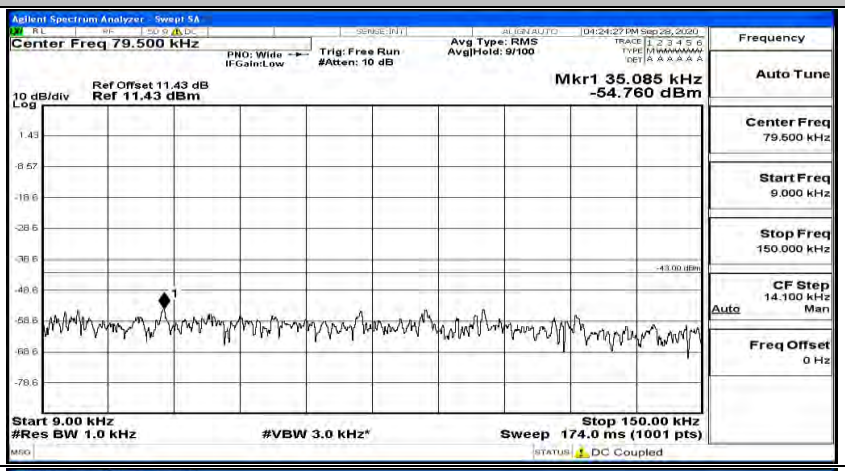
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

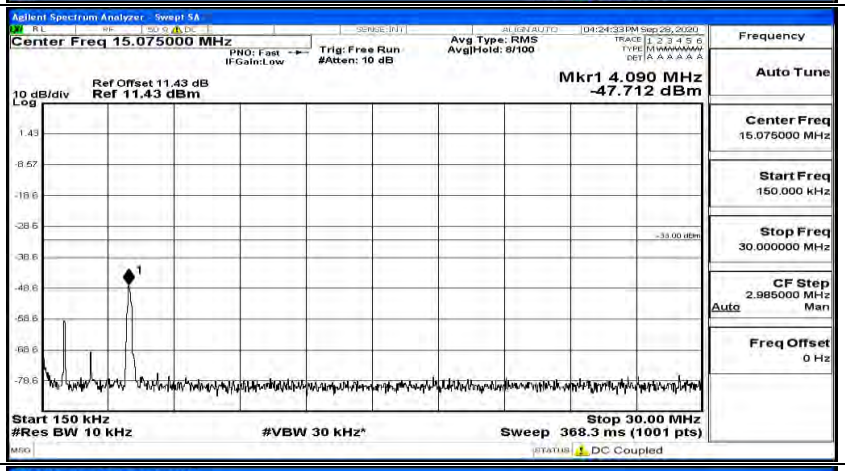



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: RMS
Avg|Hold: 8/100
04:27:03 PM Sep 29, 2020
Frequency
Auto Tune
Mkr1 150 kHz
-55.672 dBm
Ref Offset 11.43 dB
10 dB/div
Log
Ref 11.43 dBm
1.43
-8.57
-18.6
-28.6
-38.6
-48.6
-58.6
-68.6
-78.6
-33.00 dBm
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Stop 30.00 MHz
Sweep 368.3 ms (1001 pts)
DC Coupled

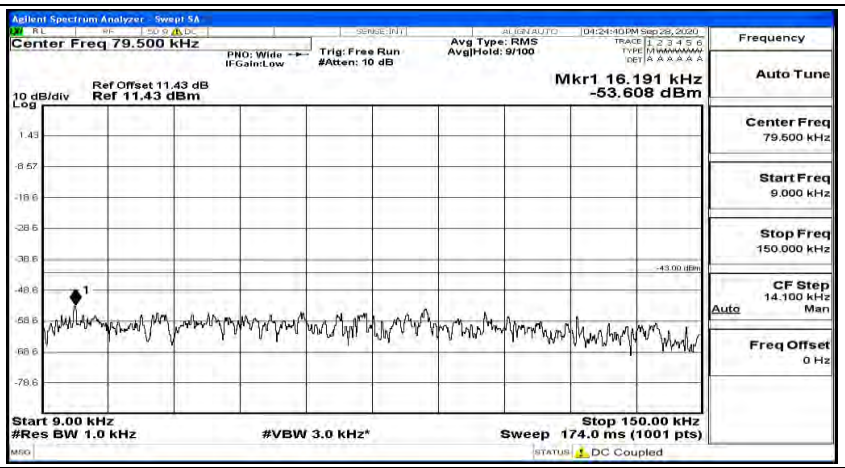

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
04:27:06 PM Sep 29, 2020
Frequency
Auto Tune
Mkr2 25.714 GHz
-27.494 dBm
Ref Offset 11.41 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-13.00 dBm
Center Freq
13.015000000 GHz
Start Freq
30.000000 MHz
Stop Freq
26.000000000 GHz
CF Step
2.597000000 GHz
Auto
Man
Freq Offset
0 Hz
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 26.00 GHz
Sweep 64.93 ms (1001 pts)

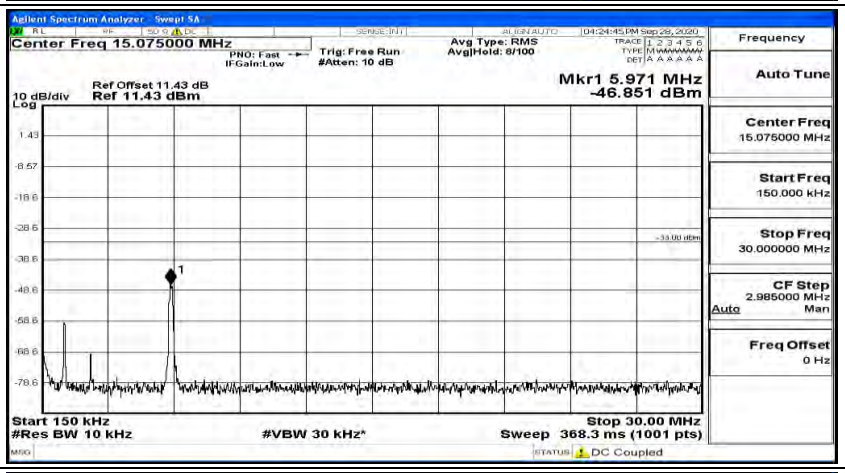
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0



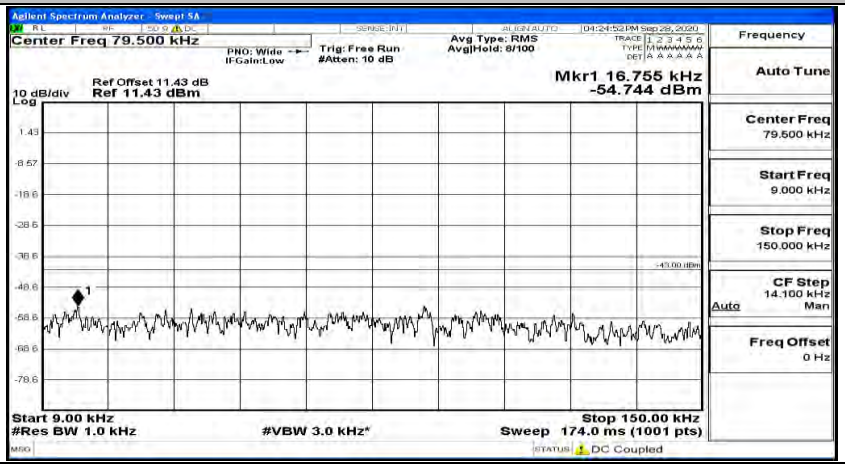


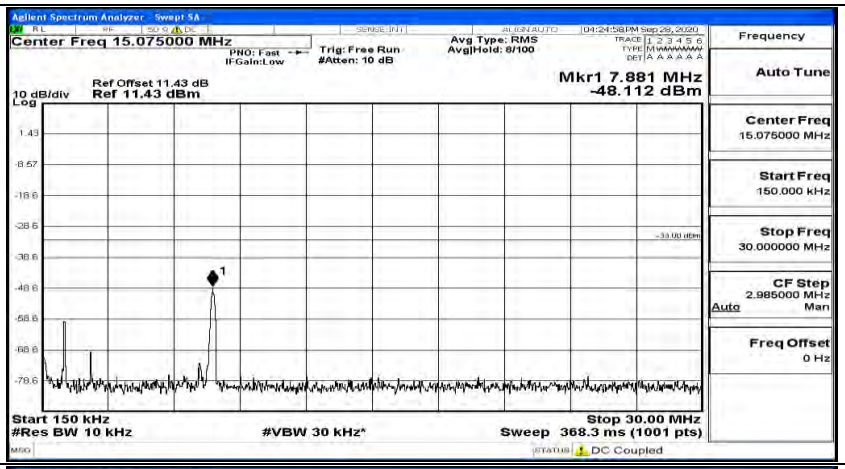
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7





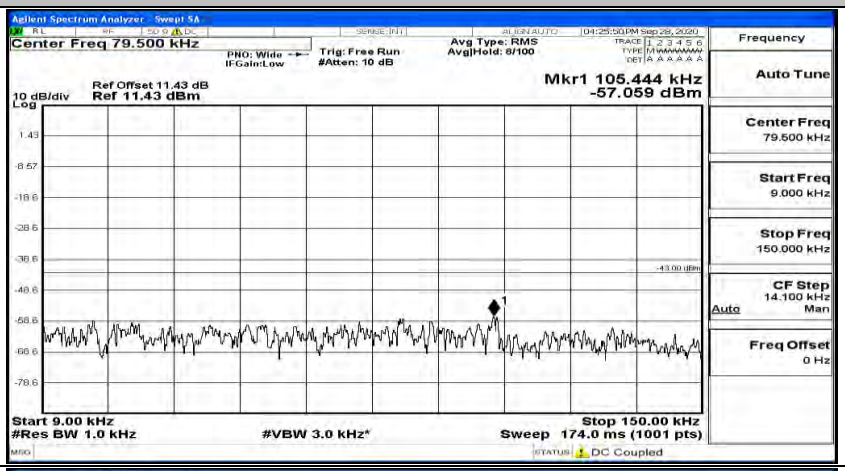
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

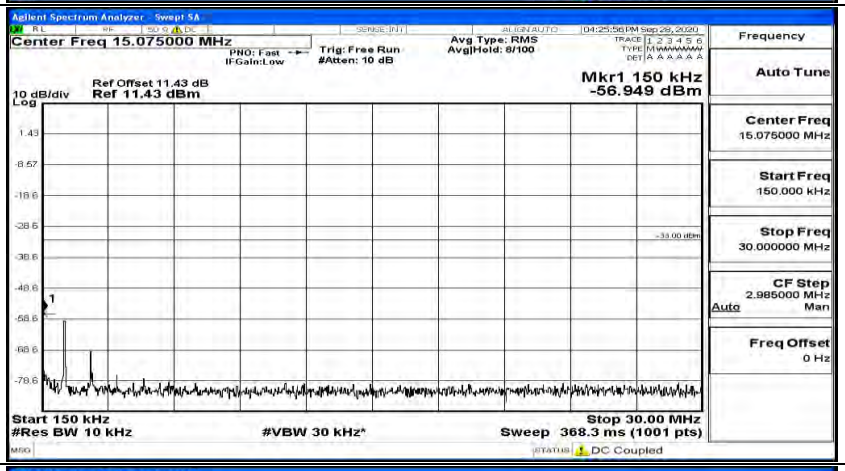



Agilent Spectrum Analyzer - Swept SA
Center Freq 15.075000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 10 dB
Avg Type: RMS
Avg|Hold: 8/100
04:24:58 PM Sep 29, 2020
Frequency
Auto Tune
Mkr1 7.881 MHz
-48.112 dBm
Ref Offset 11.43 dB
10 dB/div
Log
Ref 11.43 dBm
1.43
-8.57
-18.6
-28.6
-38.6
-48.6
-58.6
-68.6
-78.6
-33.00 dBm
Center Freq
15.075000 MHz
Start Freq
150.000 kHz
Stop Freq
30.000000 MHz
CF Step
2.985000 MHz
Auto
Man
Freq Offset
0 Hz
Start 150 kHz
#Res BW 10 kHz
#VBW 30 kHz*
Stop 30.00 MHz
Sweep 368.3 ms (1001 pts)
DC Coupled

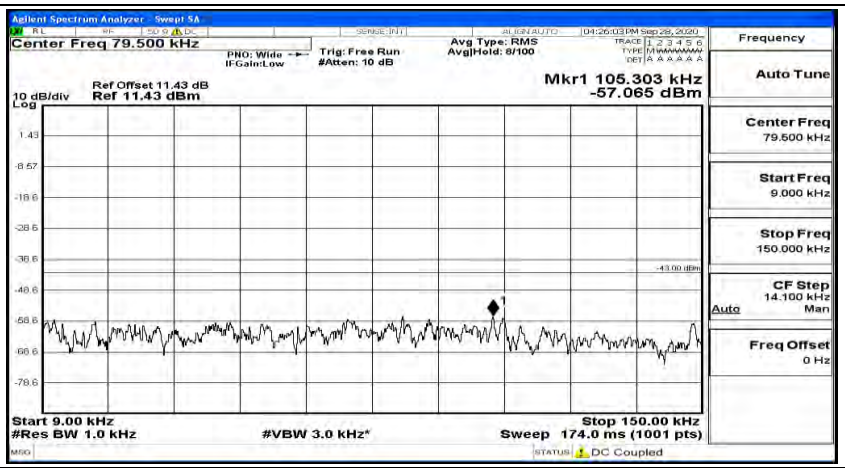

Agilent Spectrum Analyzer - Swept SA
Center Freq 13.015000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 40 dB
Avg Type: RMS
Avg|Hold: 4/100
04:25:01 PM Sep 29, 2020
Frequency
Auto Tune
Mkr2 25.740 GHz
-27.332 dBm
Ref Offset 11.41 dB
10 dB/div
Log
Ref 30.00 dBm
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-13.00 dBm
Center Freq
13.015000000 GHz
Start Freq
30.000000 MHz
Stop Freq
26.000000000 GHz
CF Step
2.597000000 GHz
Auto
Man
Freq Offset
0 Hz
Start 30 MHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 26.00 GHz
Sweep 64.93 ms (1001 pts)

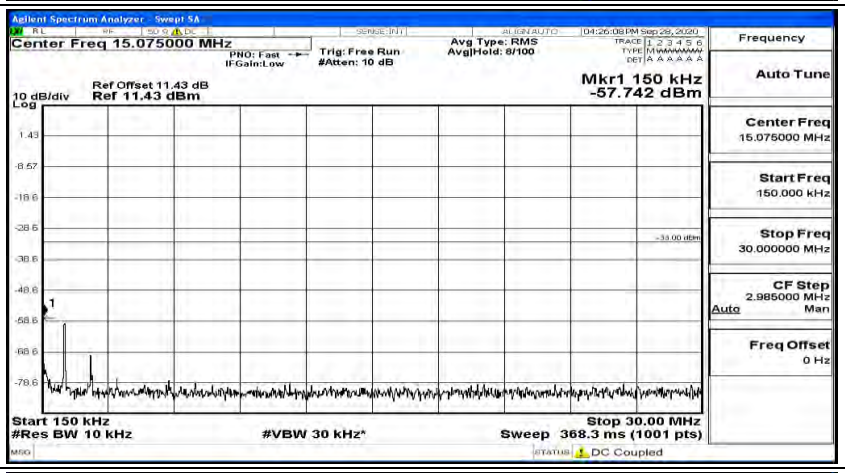
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

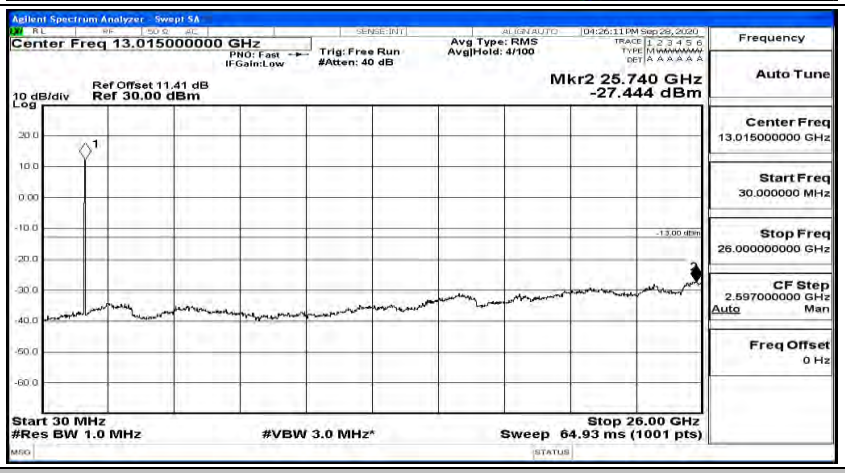




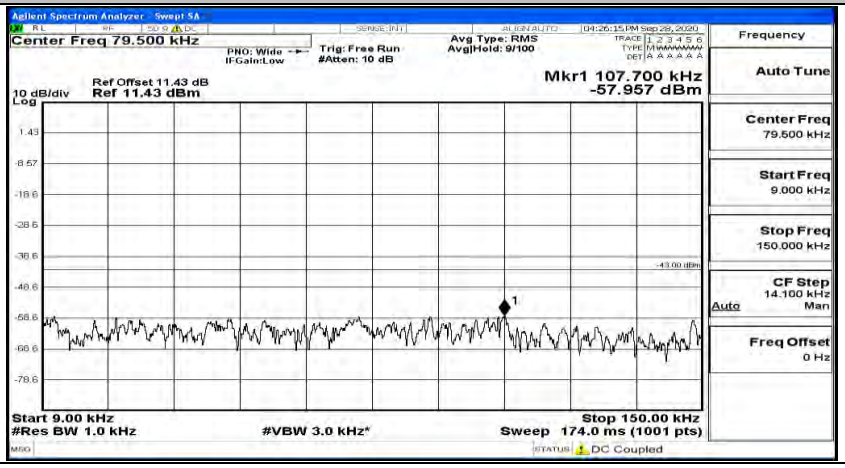
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7

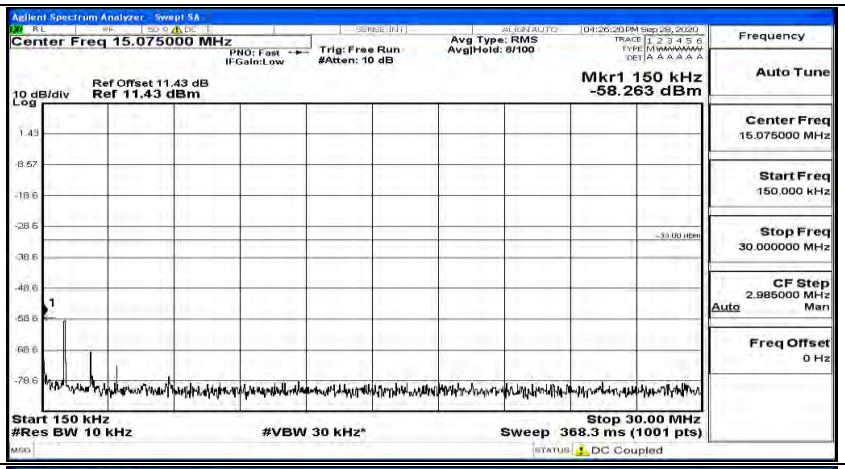




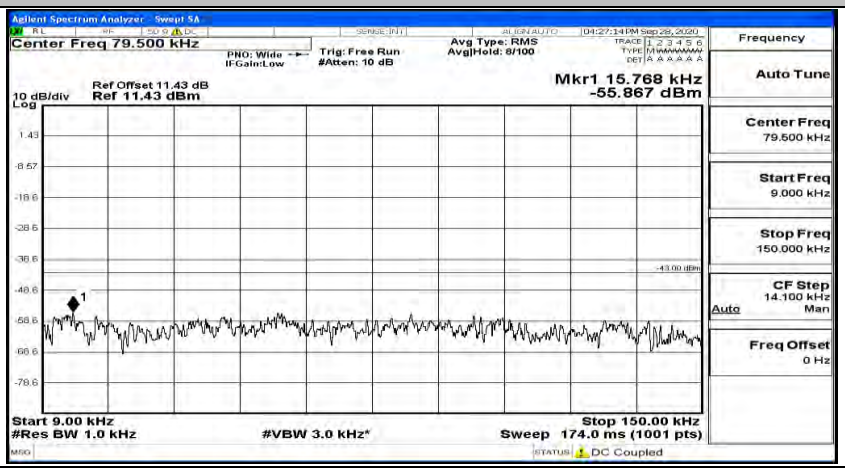


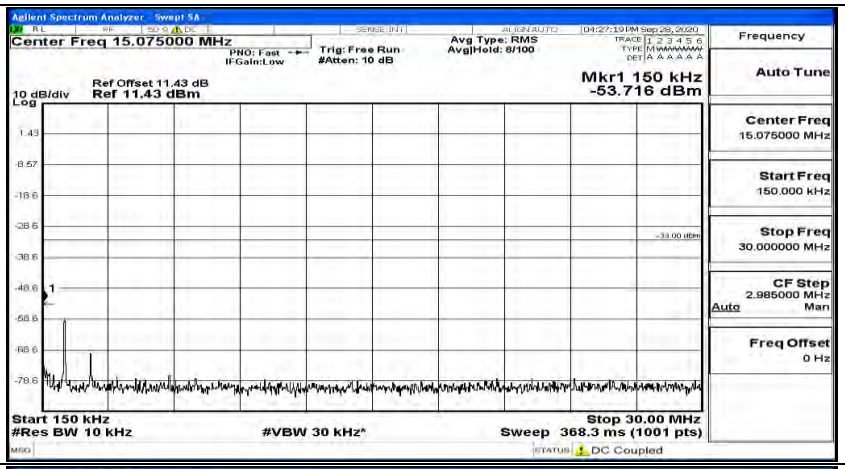
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14



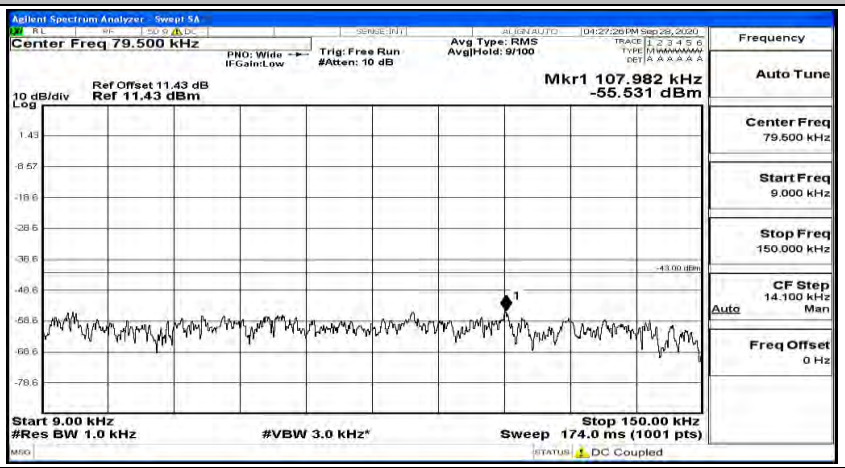


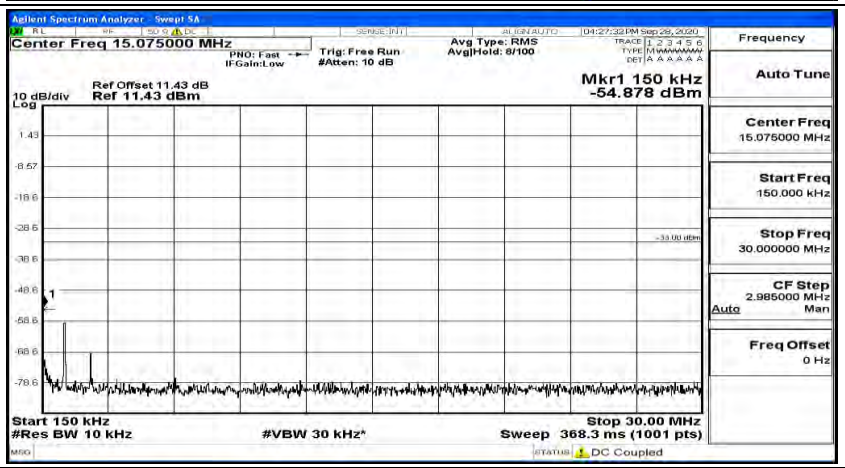
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0



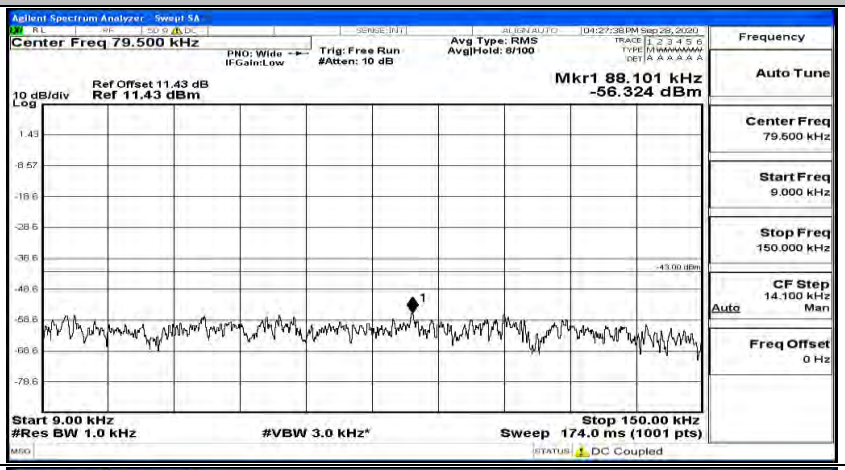


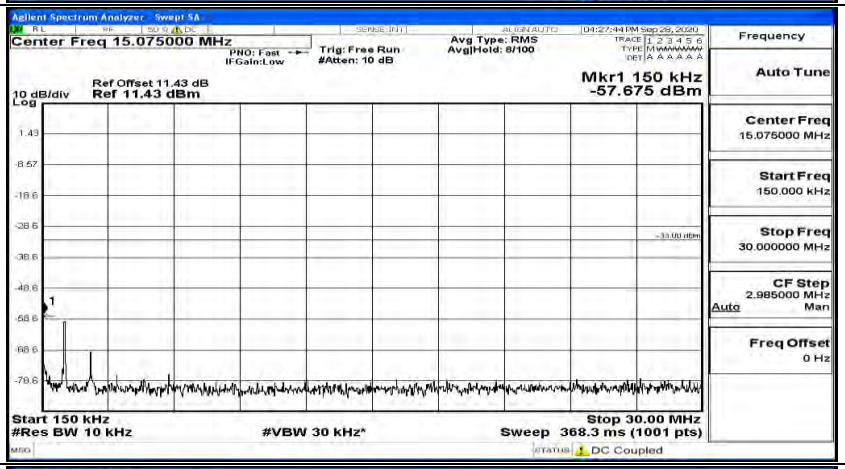
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7





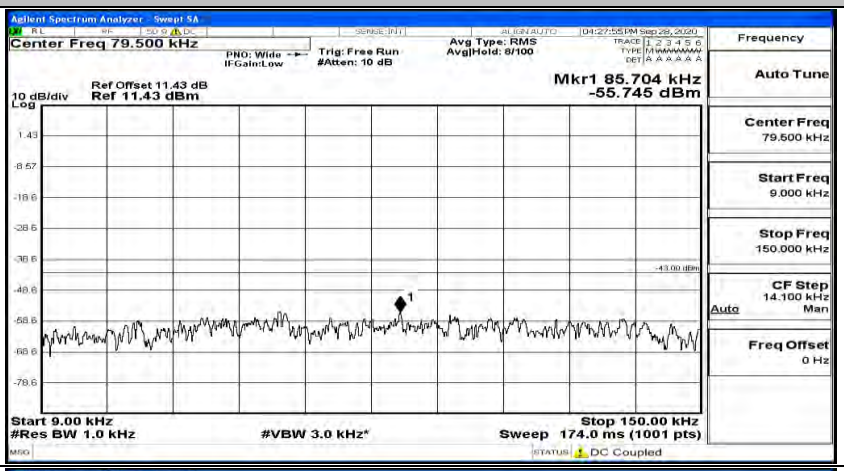
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

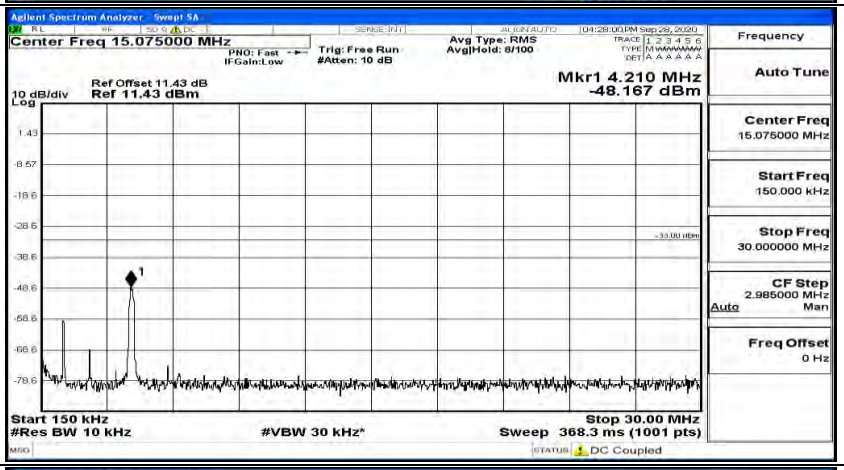




Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0





(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12