Appendix C.1: Effective (Isotropic) Radiated Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.12	/	PASS
		1	12	21.23	/	PASS
		1	24	21.36	/	PASS
		12	0	21.71	/	PASS
		12	6	21.59	/	PASS
		12	13	21.68	/	PASS
		25	0	21.70	/	PASS
	MCH	1	0	21.10	/	PASS
		1	12	21.27	/	PASS
		1	24	21.77	/	PASS
		12	0	21.60	/	PASS
		12	6	21.36	/	PASS
		12	13	21.45	/	PASS
		25	0	21.54	/	PASS
	HCH	1	0	21.44	/	PASS
		1	12	21.79	/	PASS
		1	24	21.24	/	PASS
		12	0	22.14	/	PASS
		12	6	21.96	/	PASS
		12	13	21.97	/	PASS
		25	0	22.06	/	PASS
16QAM	LCH	1	0	21.23	/	PASS
		1	12	21.32	/	PASS
		1	24	21.39	/	PASS
		12	0	21.36	/	PASS
		12	6	21.34	/	PASS
		12	13	20.78	/	PASS
		25	0	21.32	/	PASS
	MCH	1	0	21.02	/	PASS
		1	12	21.26	/	PASS
		1	24	21.03	/	PASS

		12	0	21.12	/	PASS
		12	6	21.32	/	PASS
		12	13	21.23	/	PASS
		25	0	21.11	/	PASS
	HCH	1	0	21.32	/	PASS
		1	12	21.22	/	PASS
		1	24	21.19	/	PASS
		12	0	21.36	/	PASS
		12	6	21.18	/	PASS
		12	13	21.17	/	PASS
		25	0	21.28	/	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.24	/	PASS
		1	24	22.10	/	PASS
		1	49	21.58	/	PASS
		25	0	21.69	/	PASS
		25	12	21.45	/	PASS
		25	25	21.58	/	PASS
		50	0	21.56	/	PASS
	MCH	1	0	21.27	/	PASS
		1	24	21.14	/	PASS
		1	49	21.36	/	PASS
		25	0	21.68	/	PASS
		25	12	21.14	/	PASS
		25	25	22.13	/	PASS
		50	0	21.02	/	PASS
	HCH	1	0	21.32	/	PASS
		1	24	21.04	/	PASS
		1	49	21.15	/	PASS
		25	0	21.37	/	PASS
		25	12	21.19	/	PASS
		25	25	21.17	/	PASS
		50	0	21.19	/	PASS
16QAM	LCH	1	0	21.24	/	PASS
		1	24	21.59	/	PASS
		1	49	21.37	/	PASS
		25	0	21.89	/	PASS
		25	12	21.73	/	PASS

		25	25	21.14	/	PASS
		50	0	22.12	/	PASS
	MCH	1	0	21.14	/	PASS
		1	24	21.18	/	PASS
		1	49	21.36	/	PASS
		25	0	21.09	/	PASS
		25	12	22.07	/	PASS
		25	25	21.13	/	PASS
		50	0	21.34	/	PASS
	HCH	1	0	21.01	/	PASS
		1	24	21.24	/	PASS
		1	49	21.56	/	PASS
		25	0	21.45	/	PASS
		25	12	21.35	/	PASS
		25	25	21.57	/	PASS
		50	0	21.34	/	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.54	/	PASS
		1	37	21.05	/	PASS
		1	74	20.99	/	PASS
		37	0	20.76	/	PASS
		37	18	20.71	/	PASS
		37	38	21.61	/	PASS
		75	0	21.43	/	PASS
	MCH	1	0	21.97	/	PASS
		1	37	21.06	/	PASS
		1	74	20.54	/	PASS
		37	0	21.73	/	PASS
		37	18	21.31	/	PASS
		37	38	21.01	/	PASS
		75	0	21.46	/	PASS
	HCH	1	0	21.18	/	PASS
		1	37	21.19	/	PASS
		1	74	21.60	/	PASS
		37	0	21.25	/	PASS
		37	18	21.23	/	PASS
		37	38	21.06	/	PASS
		75	0	21.17	/	PASS

16QAM	LCH	1	0	21.14	/	PASS
		1	37	21.04	/	PASS
		1	74	21.19	/	PASS
		37	0	21.32	/	PASS
		37	18	21.01	/	PASS
		37	38	21.74	/	PASS
		75	0	21.34	/	PASS
	MCH	1	0	21.04	/	PASS
		1	37	21.14	/	PASS
		1	74	21.37	/	PASS
		37	0	21.19	/	PASS
		37	18	21.34	/	PASS
		37	38	21.37	/	PASS
		75	0	21.26	/	PASS
	HCH	1	0	21.25	/	PASS
		1	37	21.19	/	PASS
		1	74	21.38	/	PASS
		37	0	21.14	/	PASS
		37	18	21.36	/	PASS
		37	38	20.56	/	PASS
		75	0	21.18	/	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.21	/	PASS
		1	49	21.04	/	PASS
		1	99	21.45	/	PASS
		50	0	21.35	/	PASS
		50	25	21.38	/	PASS
		50	50	21.12	/	PASS
		100	0	21.36	/	PASS
	MCH	1	0	21.24	/	PASS
		1	49	21.17	/	PASS
		1	99	21.18	/	PASS
		50	0	21.37	/	PASS
		50	25	21.69	/	PASS
		50	50	21.36	/	PASS
		100	0	21.15	/	PASS
	HCH	1	0	22.07	/	PASS
		1	49	22.05	/	PASS

		1	99	22.31	/	PASS
		50	0	22.03	/	PASS
		50	25	22.06	/	PASS
		50	50	22.86	/	PASS
		100	0	22.98	/	PASS
16QAM	LCH	1	0	21.53	/	PASS
		1	49	21.38	/	PASS
		1	99	21.35	/	PASS
		50	0	21.05	/	PASS
		50	25	21.28	/	PASS
		50	50	21.89	/	PASS
		100	0	21.50	/	PASS
	MCH	1	0	21.06	/	PASS
		1	49	21.16	/	PASS
		1	99	21.66	/	PASS
		50	0	21.60	/	PASS
		50	25	22.09	/	PASS
		50	50	21.70	/	PASS
		100	0	21.12	/	PASS
	HCH	1	0	21.32	/	PASS
		1	49	21.51	/	PASS
		1	99	21.76	/	PASS
		50	0	21.17	/	PASS
		50	25	21.21	/	PASS
		50	50	21.03	/	PASS
		100	0	21.04	/	PASS

Appendix C.2: Peak-to-Average Ratio

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	25	0	5.57	<13	PASS
	MCH	25	0	5.45	<13	PASS
	HCH	25	0	5.44	<13	PASS
16QAM	LCH	25	0	6.37	<13	PASS
	MCH	25	0	6.29	<13	PASS
	HCH	25	0	6.21	<13	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	50	0	5.63	<13	PASS
	MCH	50	0	5.42	<13	PASS
	HCH	50	0	5.42	<13	PASS
16QAM	LCH	50	0	6.37	<13	PASS
	MCH	50	0	6.21	<13	PASS
	HCH	50	0	6.21	<13	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	75	0	5.01	<13	PASS
	MCH	75	0	5.01	<13	PASS
	HCH	75	0	4.97	<13	PASS
16QAM	LCH	75	0	6.33	<13	PASS
	MCH	75	0	6.29	<13	PASS
	HCH	75	0	6.24	<13	PASS

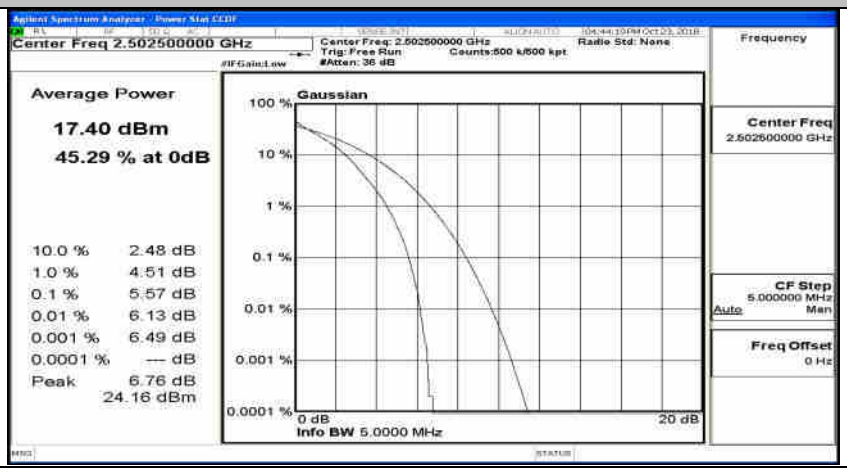
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
		Size	Offset			
QPSK	LCH	100	0	5.7	<13	PASS
	MCH	100	0	5.7	<13	PASS
	HCH	100	0	5.74	<13	PASS
16QAM	LCH	100	0	6.82	<13	PASS
	MCH	100	0	6.85	<13	PASS
	HCH	100	0	6.73	<13	PASS

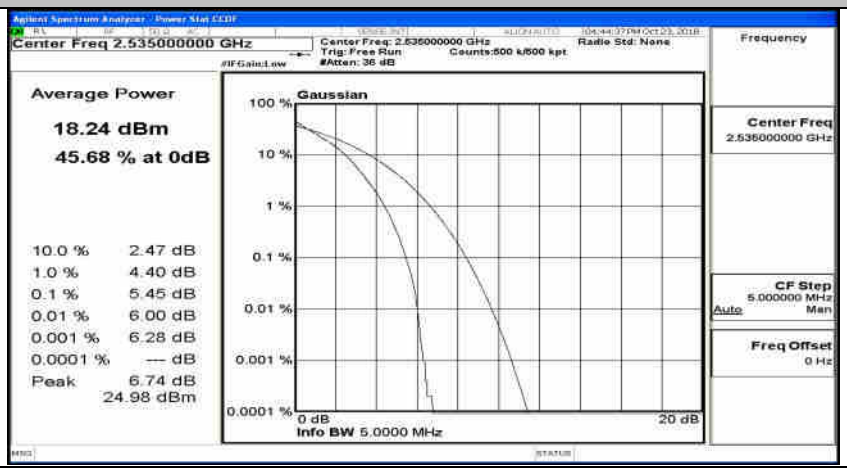
Test Graphs

Channel Bandwidth: 5 MHz

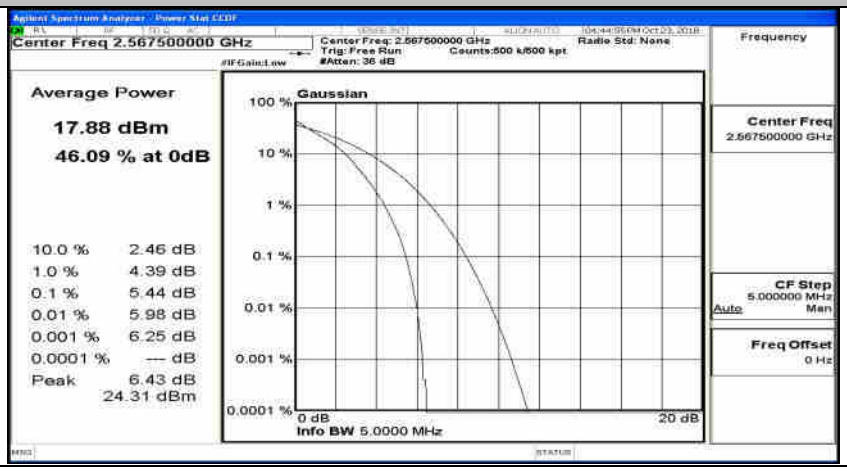
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



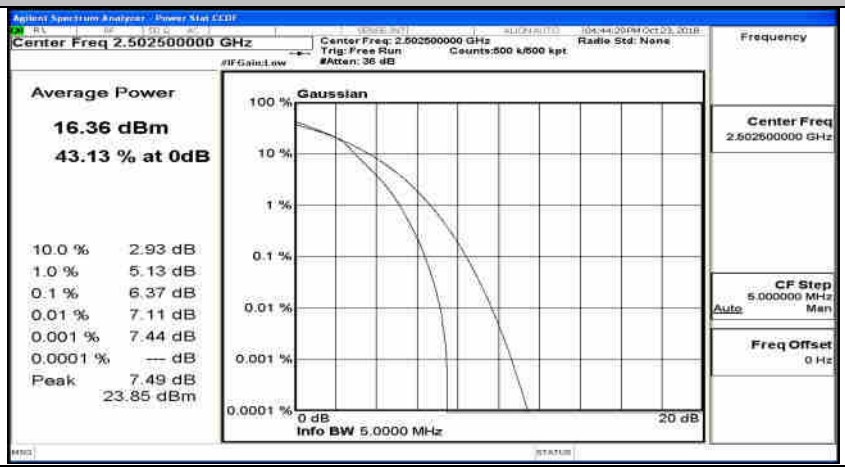
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



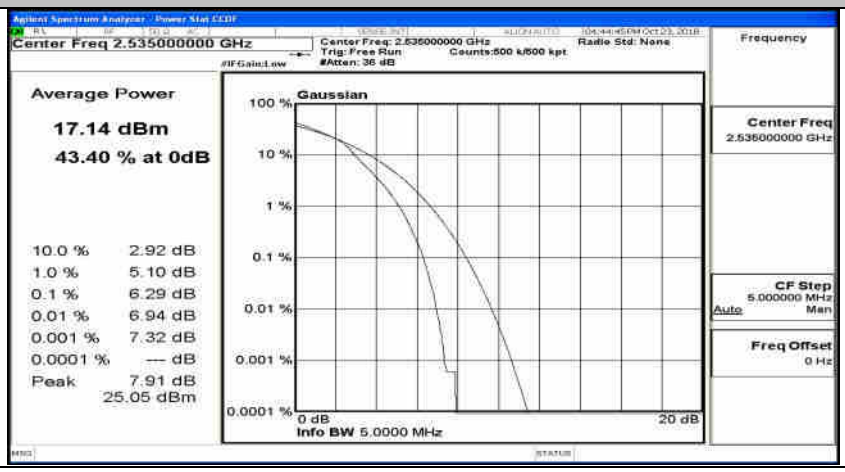
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



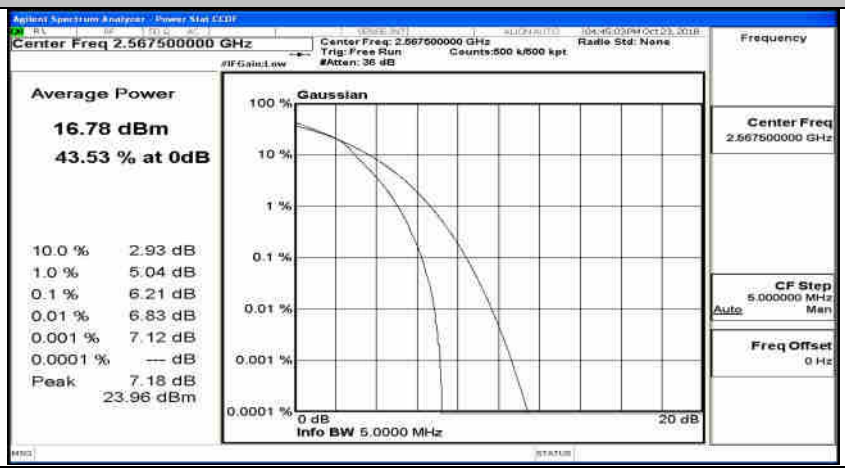
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



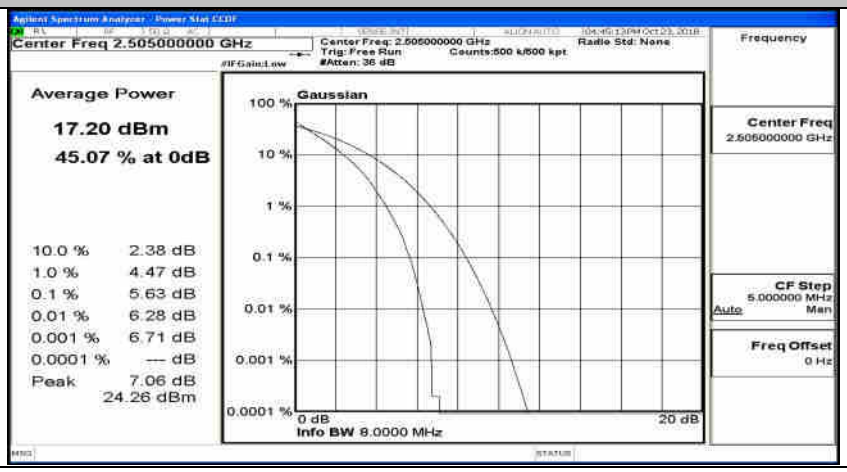
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

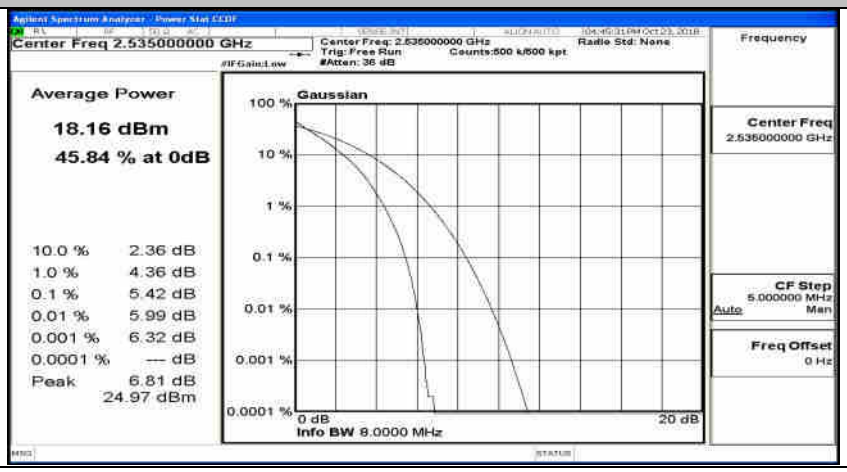


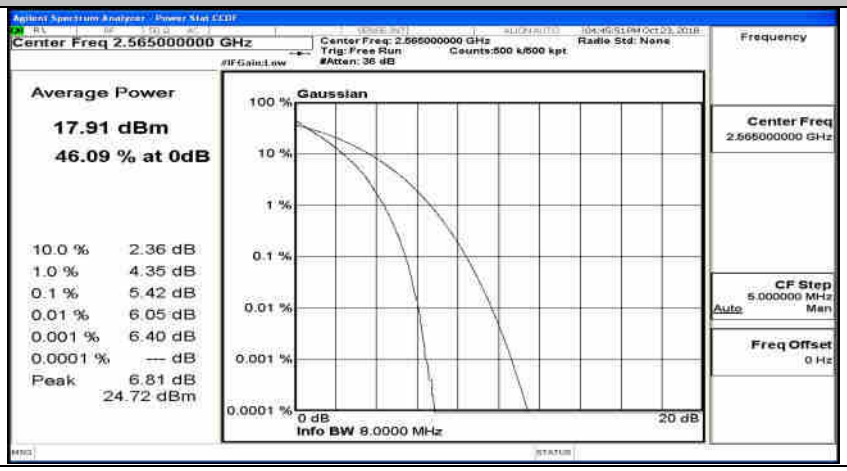
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



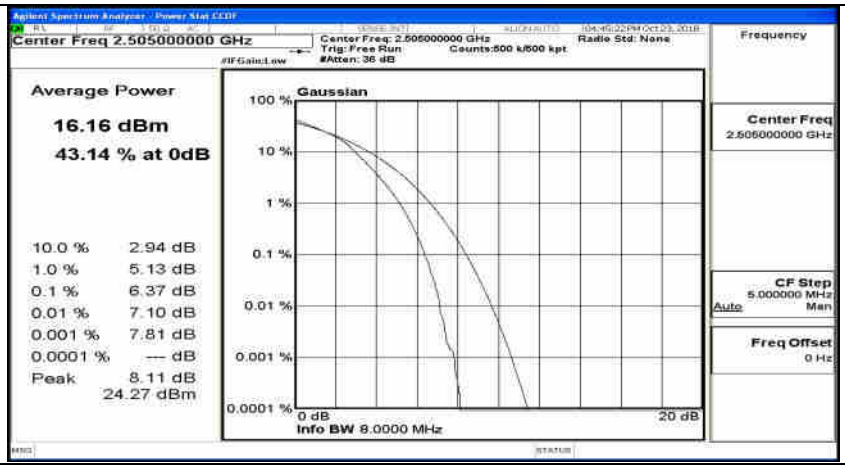
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


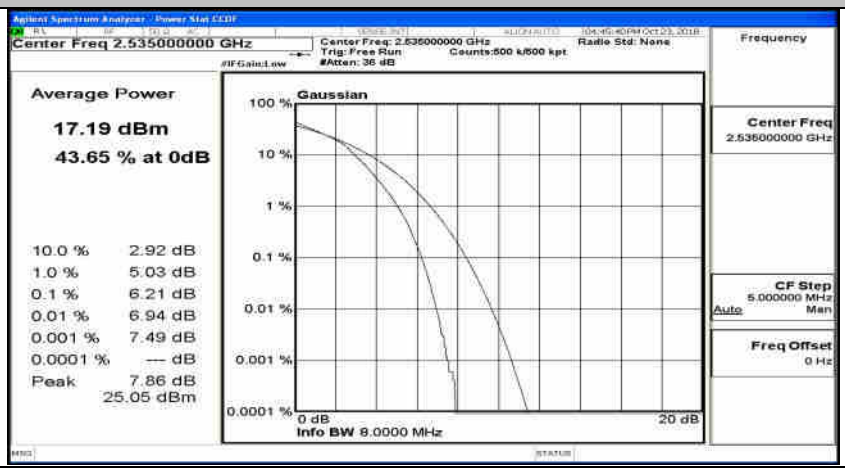
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


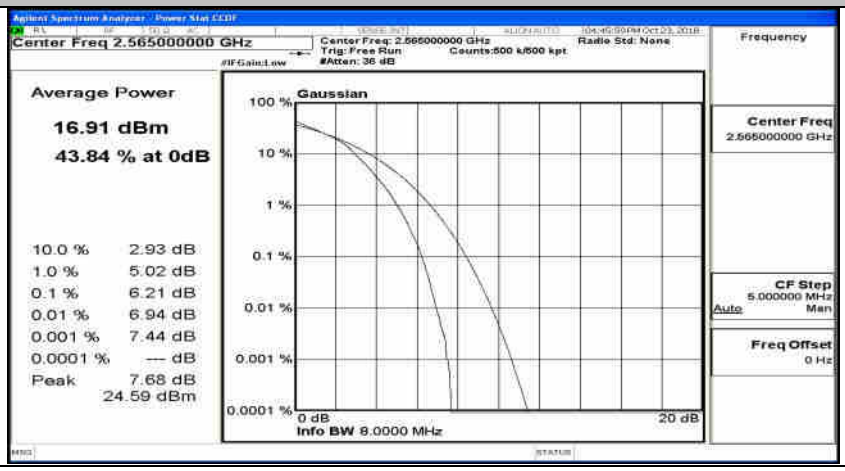
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

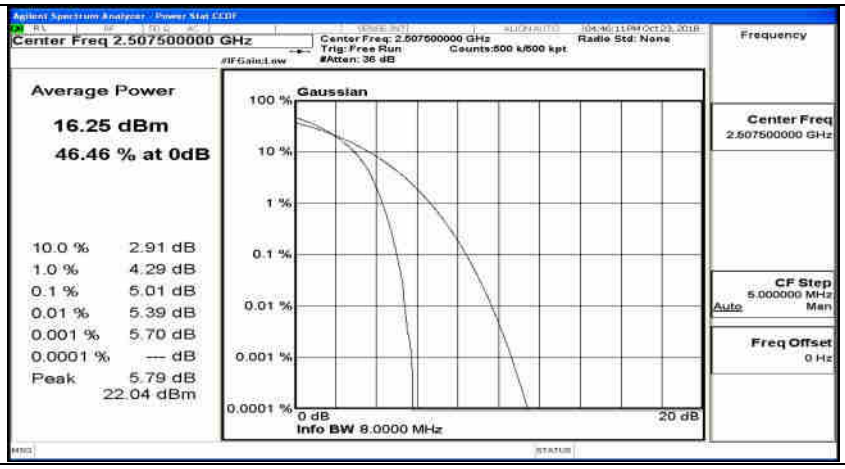


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

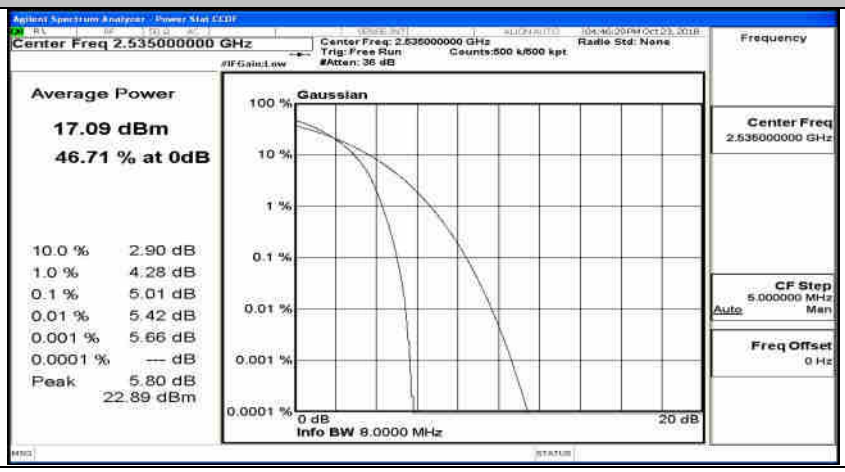


Channel Bandwidth: 15 MHz

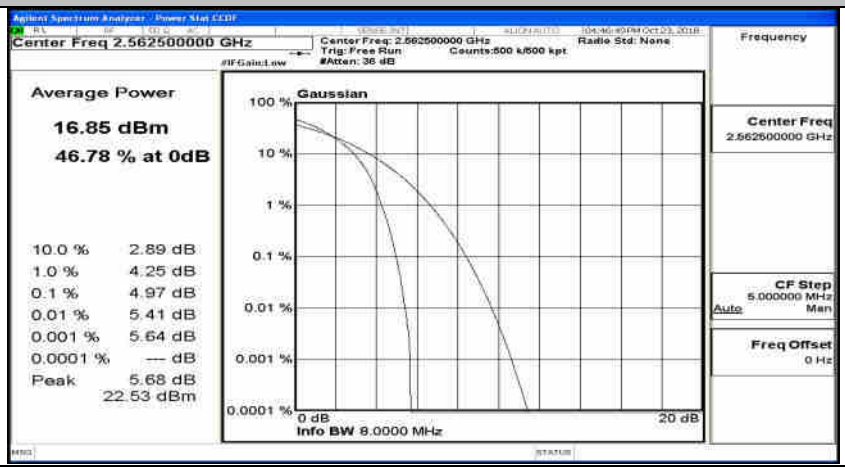
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



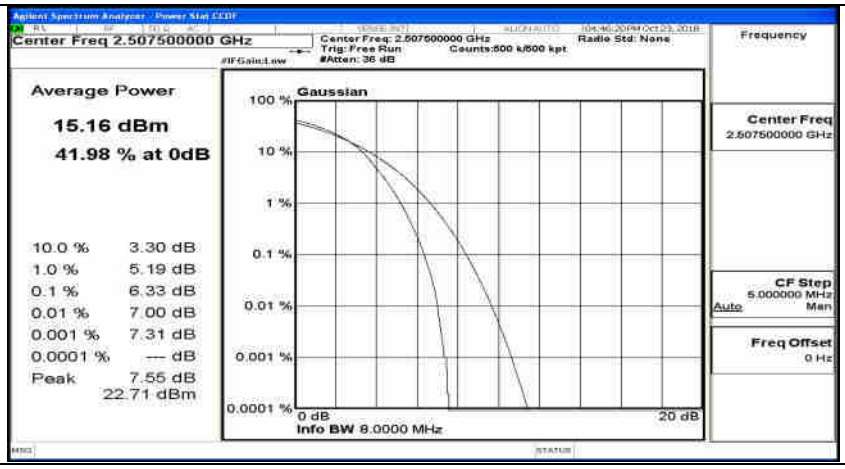
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



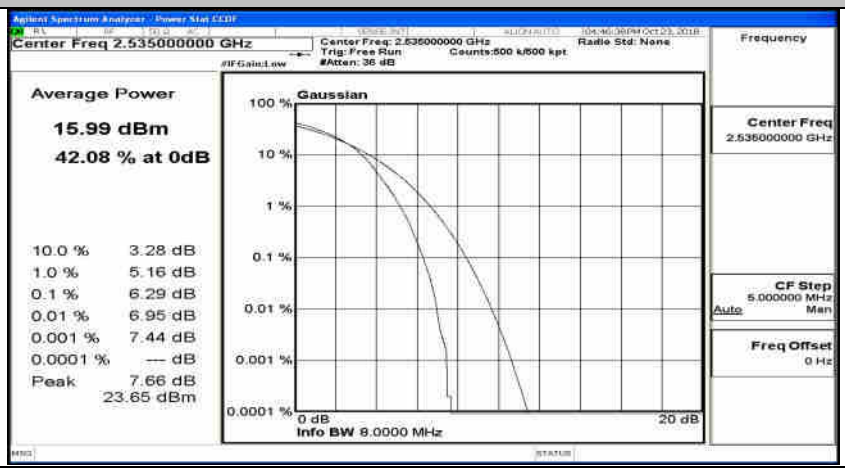
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



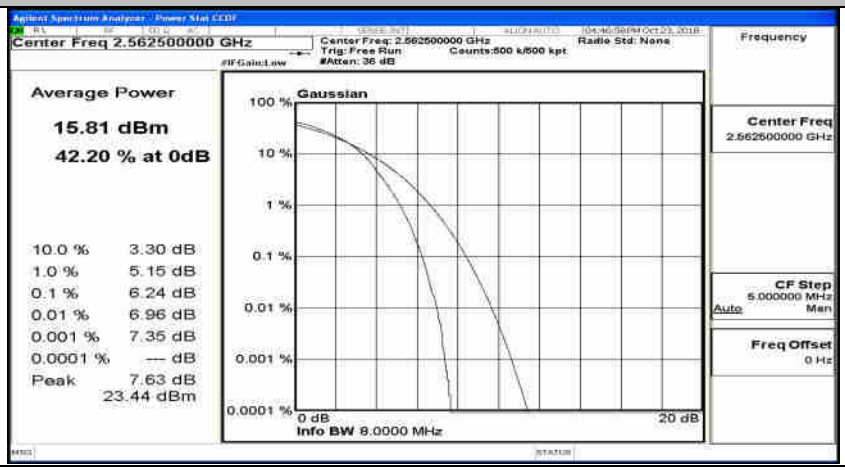
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

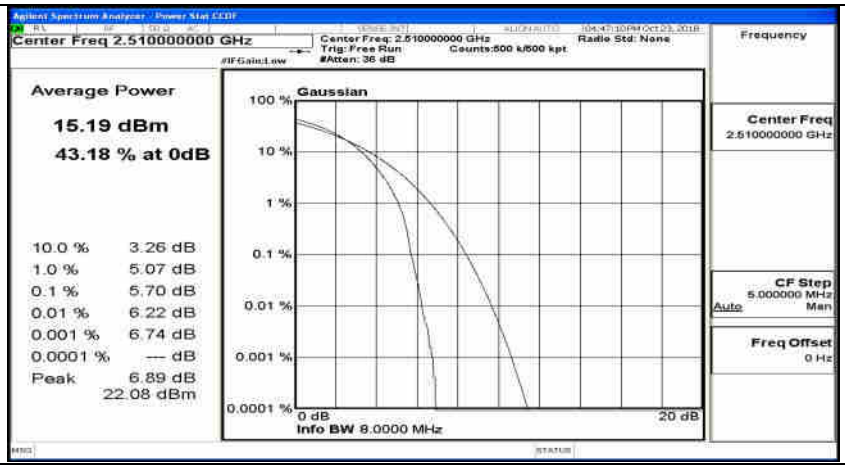


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

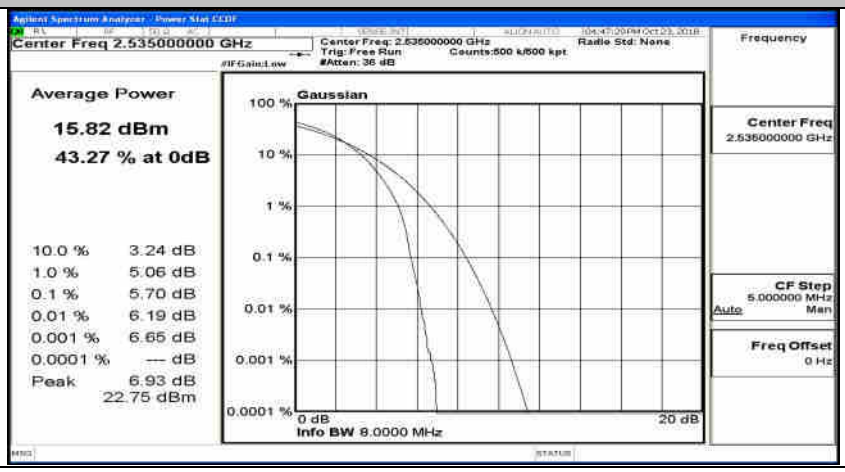


Channel Bandwidth: 20 MHz

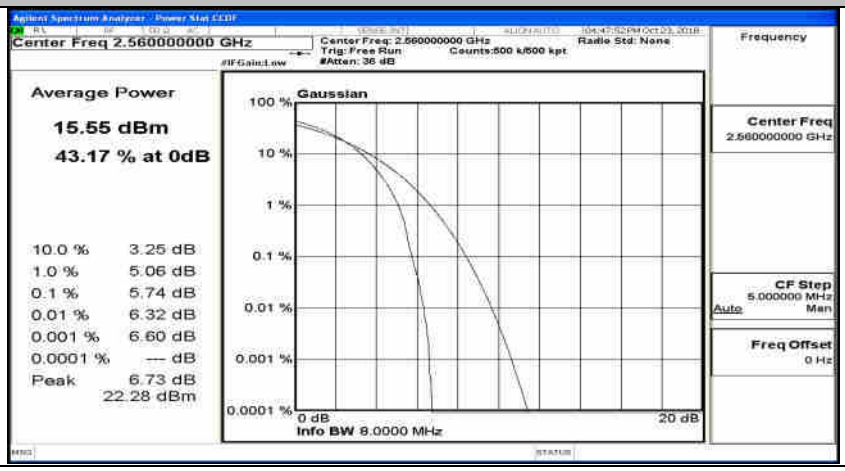
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



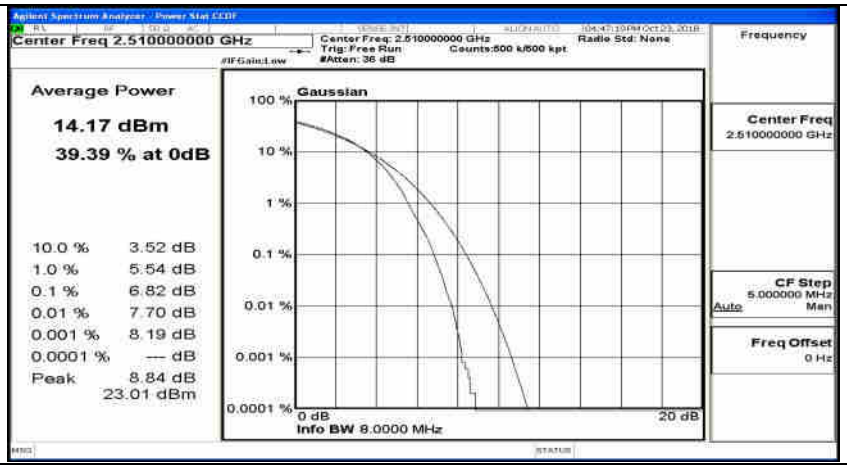
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



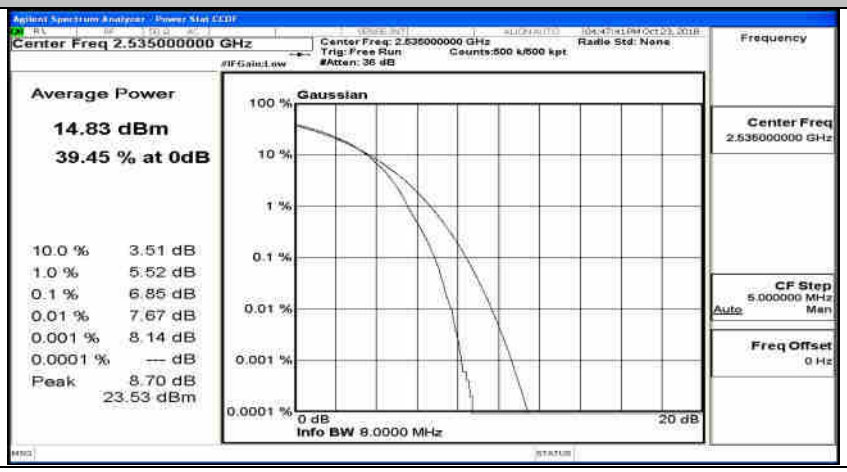
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



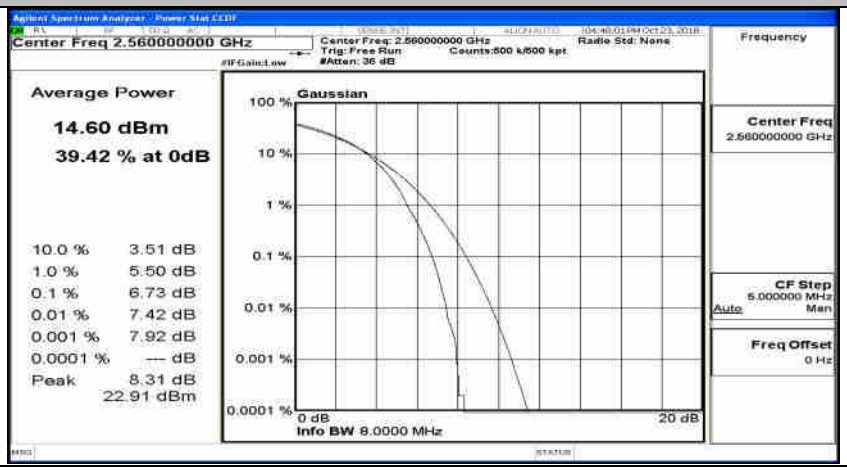
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



Appendix C.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4836	4.835	PASS
	MCH	25	0	4.4780	4.801	PASS
	HCH	25	0	4.4915	4.859	PASS
16QAM	LCH	25	0	4.4817	4.771	PASS
	MCH	25	0	4.4839	4.813	PASS
	HCH	25	0	4.4869	4.808	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9321	9.508	PASS
	MCH	50	0	8.9313	9.502	PASS
	HCH	50	0	8.9359	9.425	PASS
16QAM	LCH	50	0	8.9359	9.493	PASS
	MCH	50	0	8.9360	9.447	PASS
	HCH	50	0	8.9407	9.452	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.405	14.06	PASS
	MCH	75	0	13.388	14.00	PASS
	HCH	75	0	13.401	14.05	PASS
16QAM	LCH	75	0	13.389	14.09	PASS
	MCH	75	0	13.401	14.04	PASS
	HCH	75	0	13.382	14.04	PASS

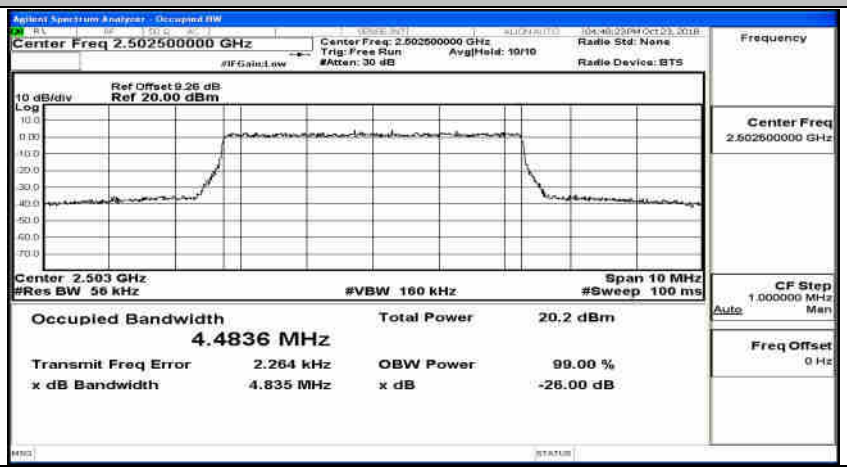
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.856	18.59	PASS
	MCH	100	0	17.856	18.65	PASS
	HCH	100	0	17.847	18.55	PASS
16QAM	LCH	100	0	17.854	18.61	PASS
	MCH	100	0	17.852	18.61	PASS
	HCH	100	0	17.836	18.61	PASS

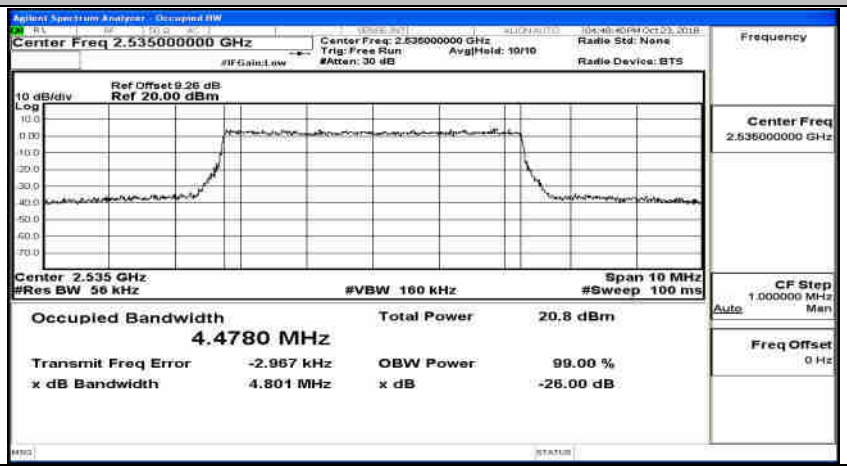
Test Graphs

Channel Bandwidth: 5 MHz

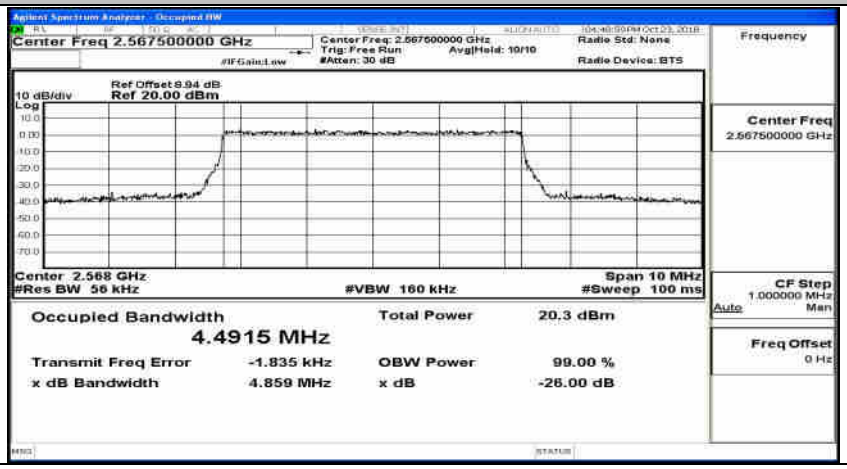
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



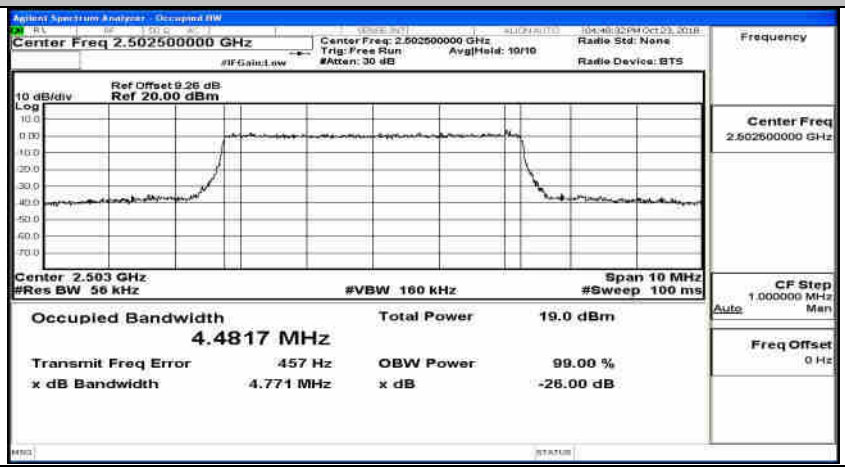
(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0



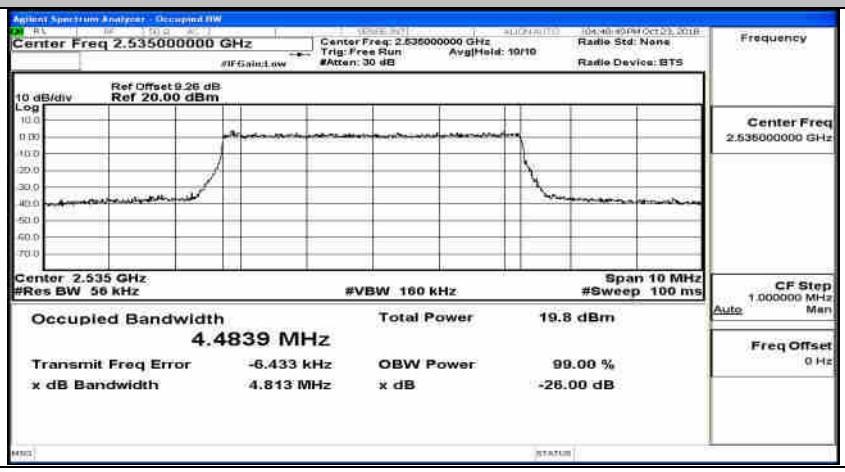
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



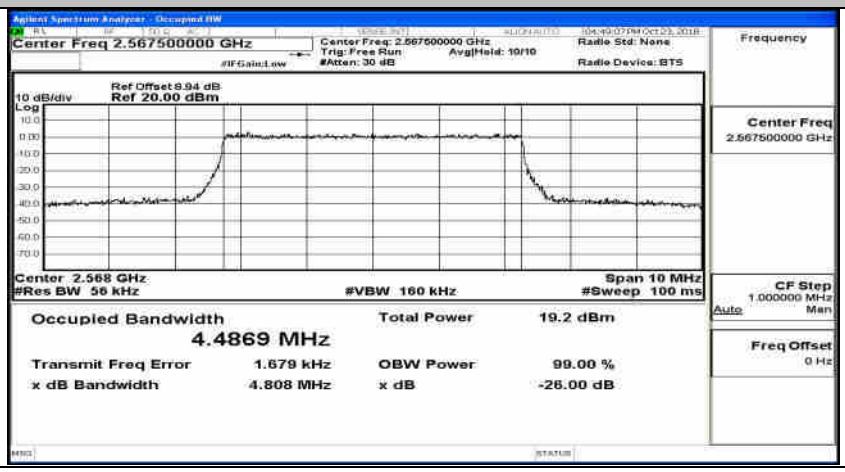
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



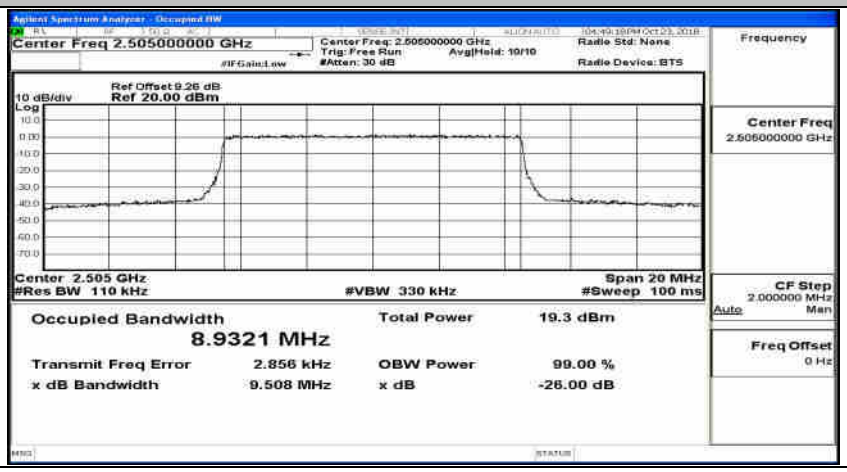
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

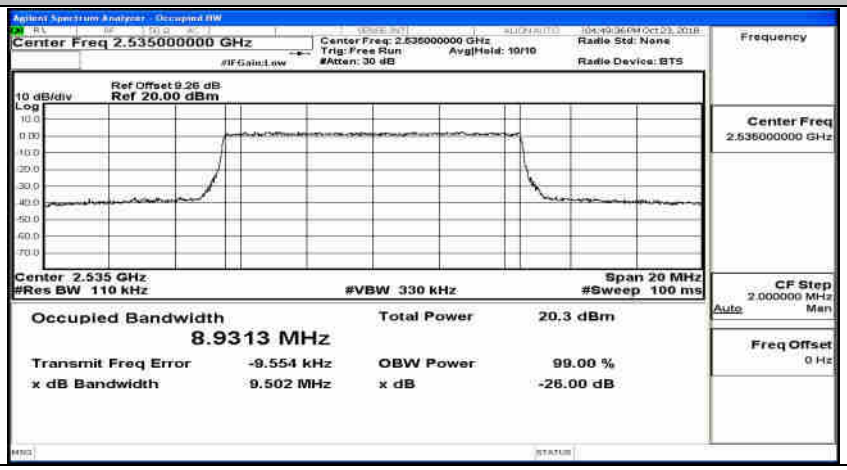


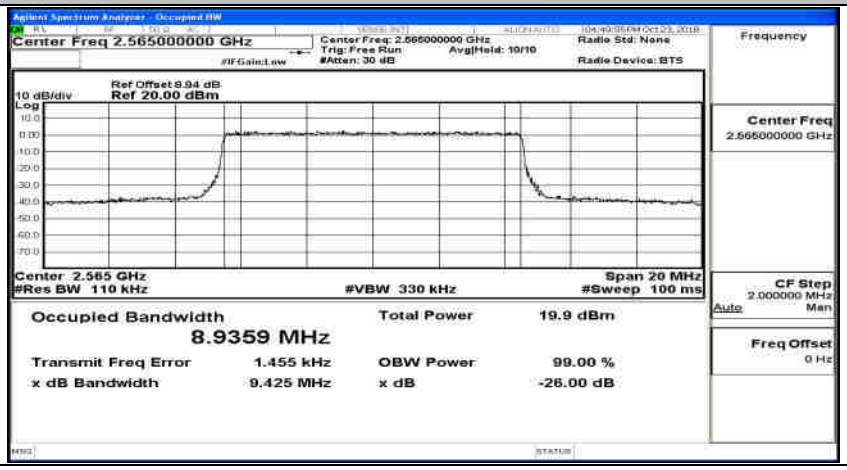
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



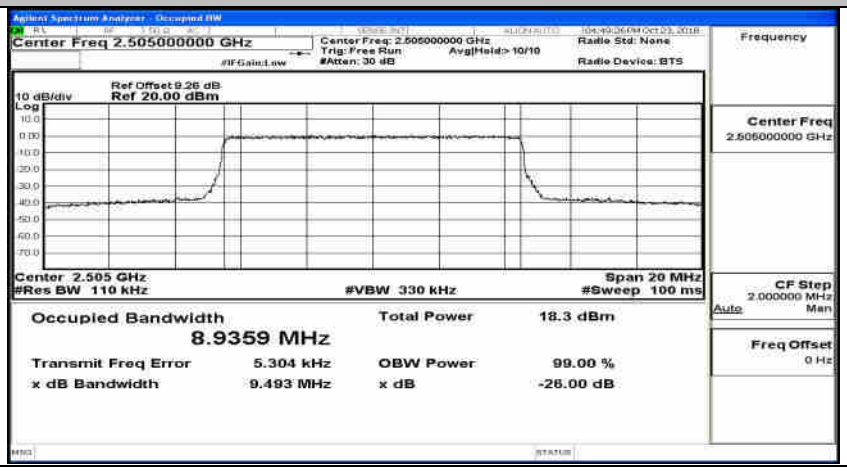
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


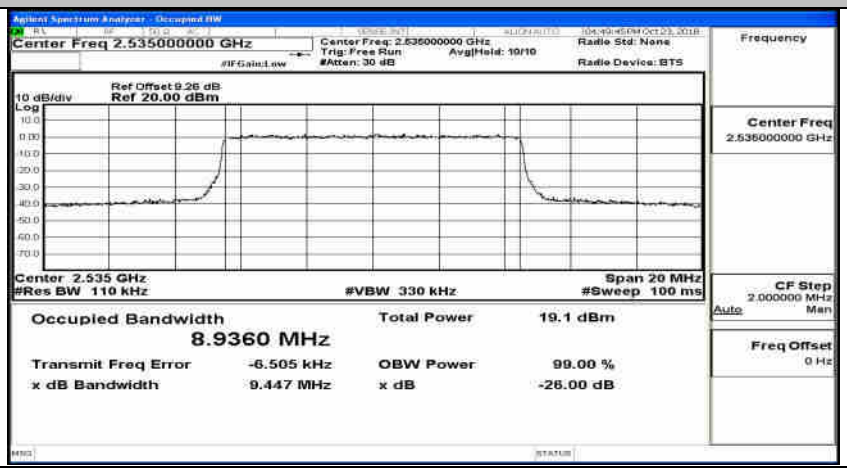
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


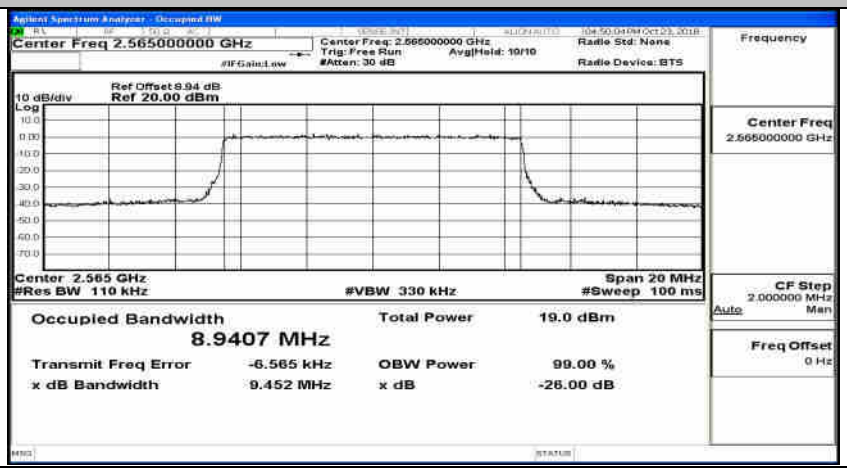
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

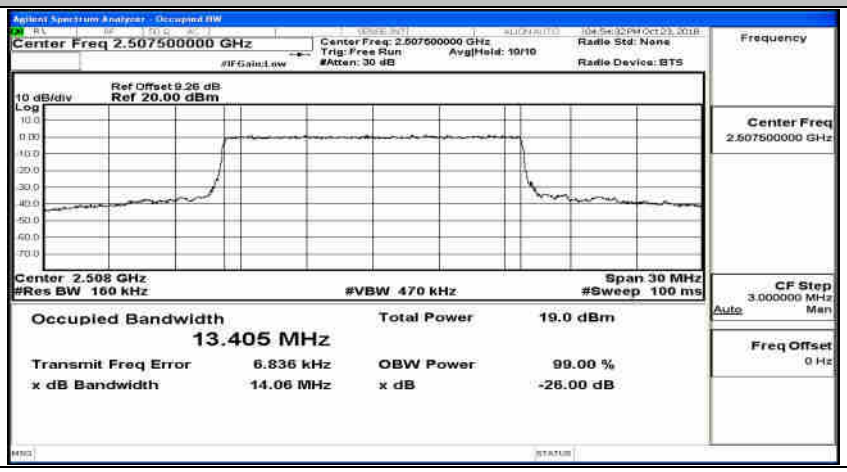


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

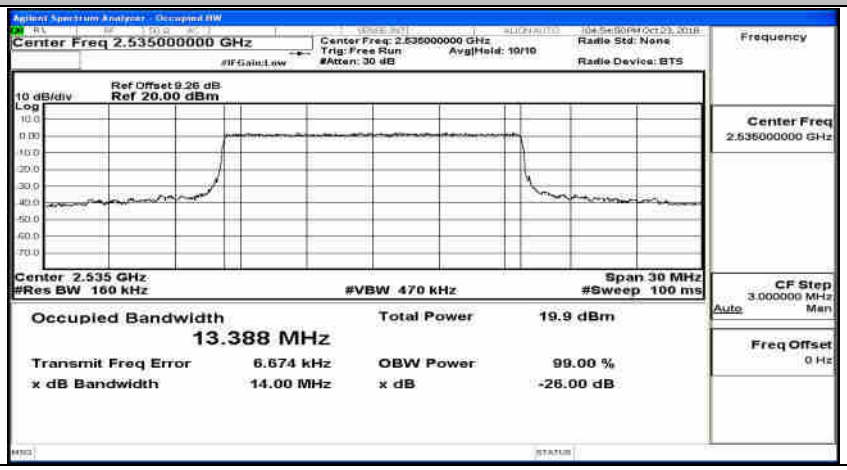


Channel Bandwidth: 15 MHz

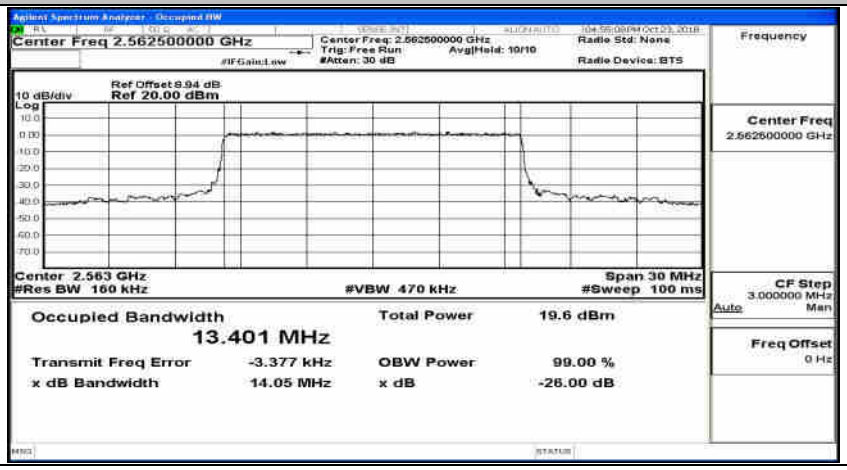
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



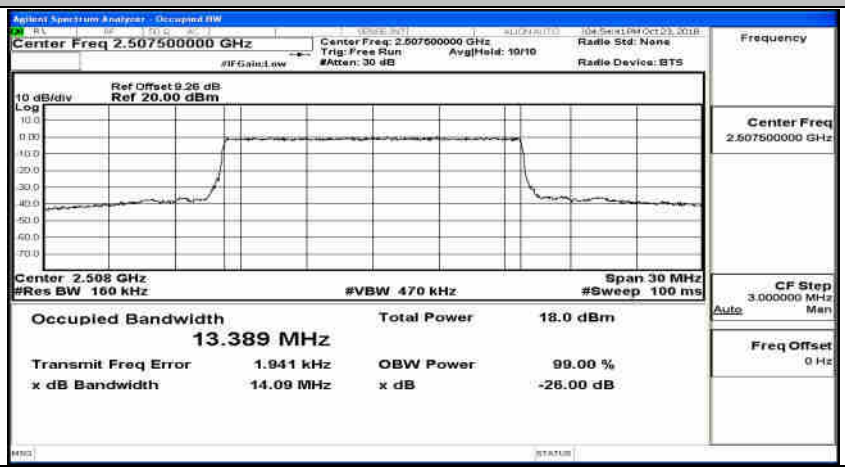
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



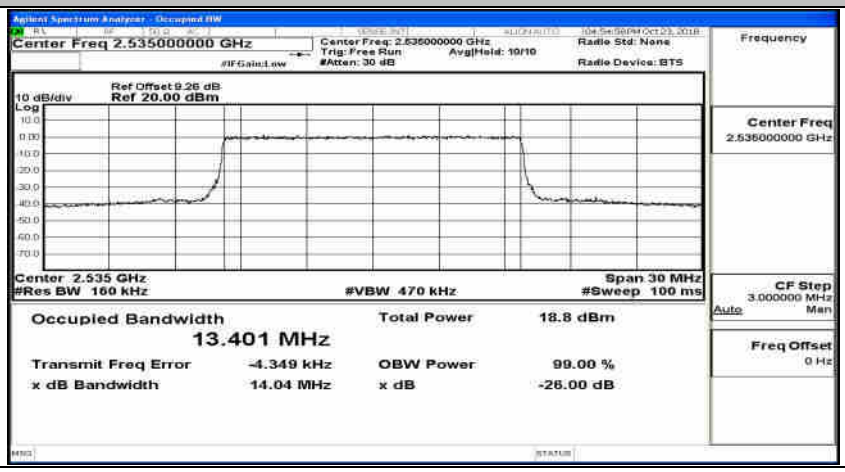
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



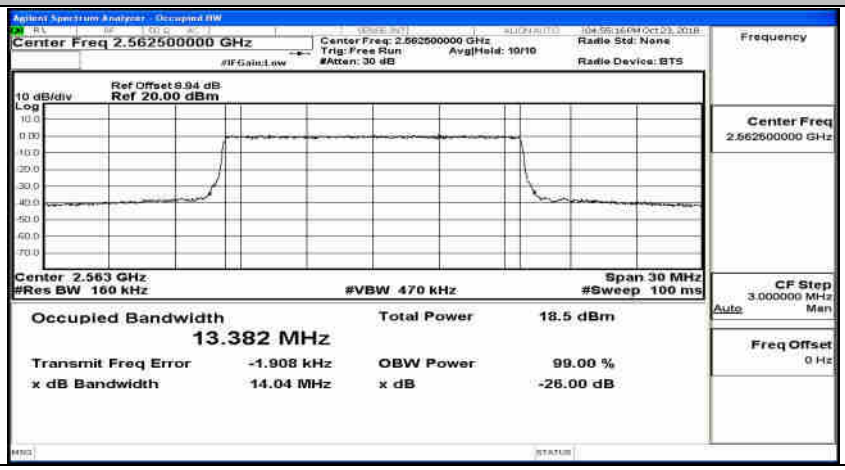
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

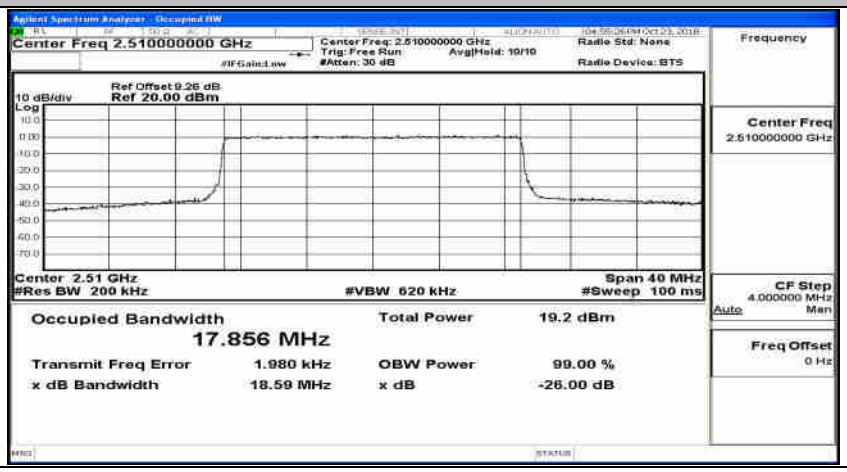


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

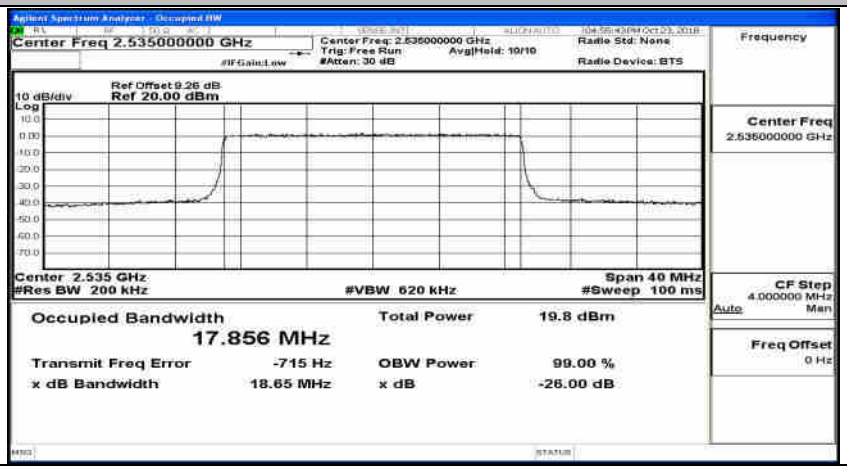


Channel Bandwidth: 20 MHz

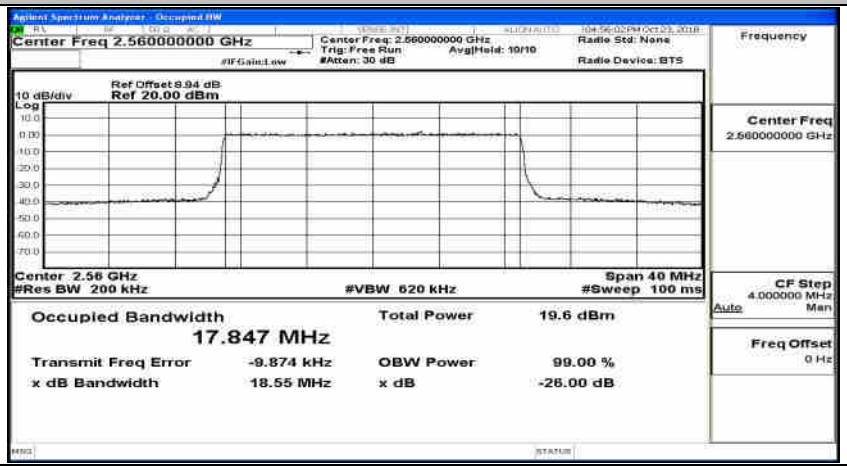
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



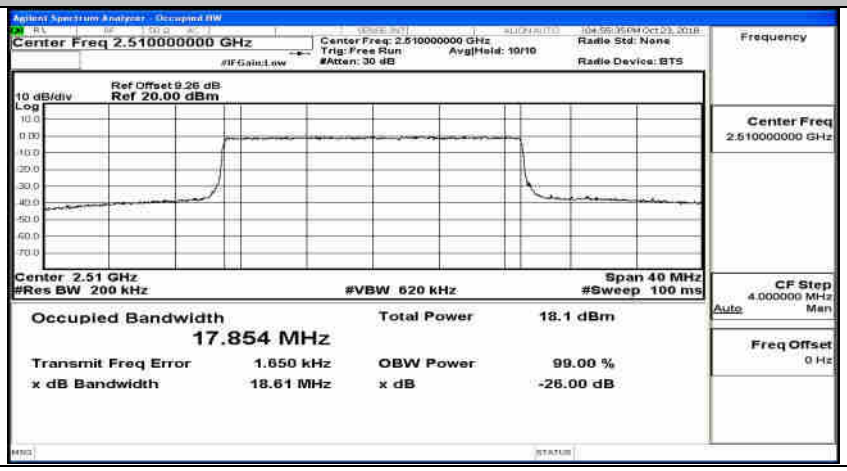
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



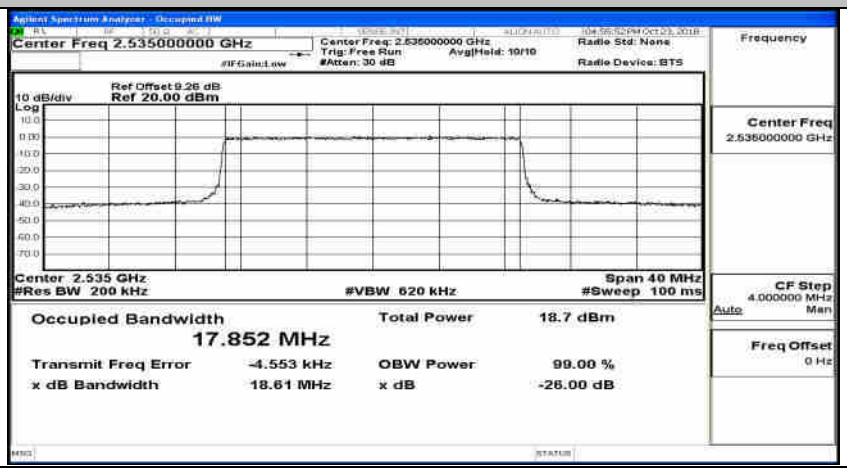
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



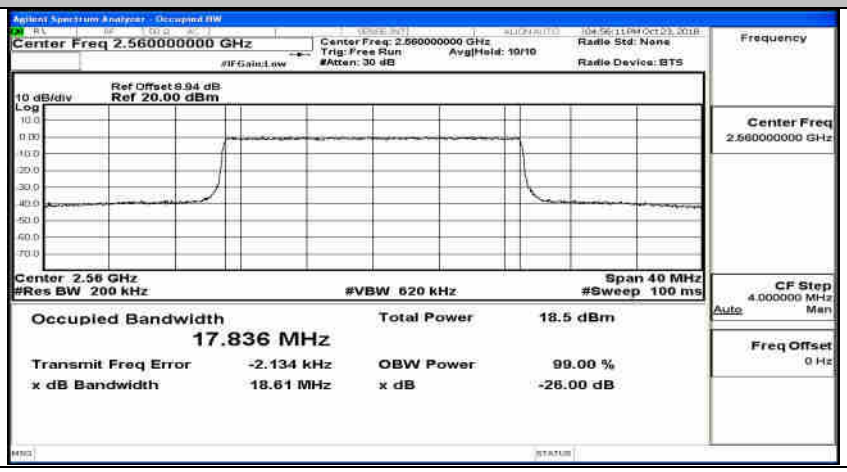
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

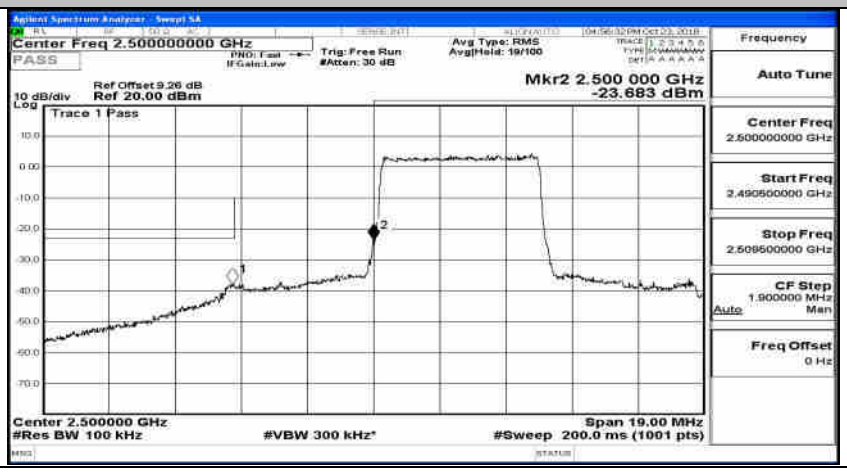


Appendix C.4: Band Edge

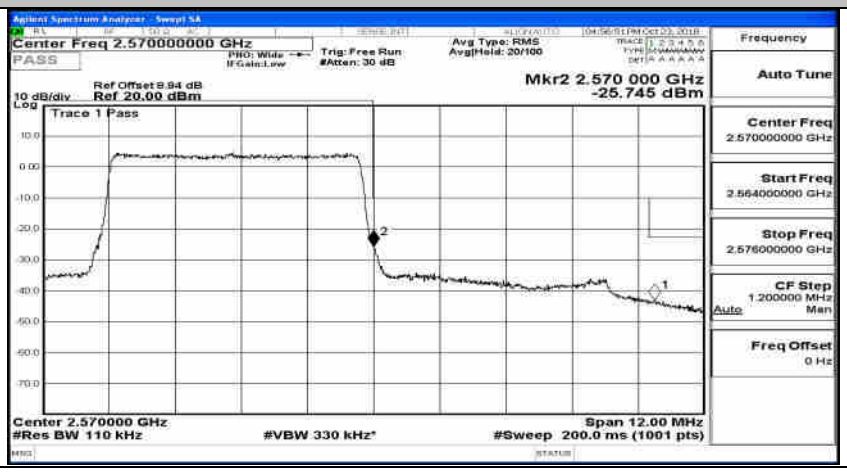
Test Graphs

Channel Bandwidth: 5 MHz

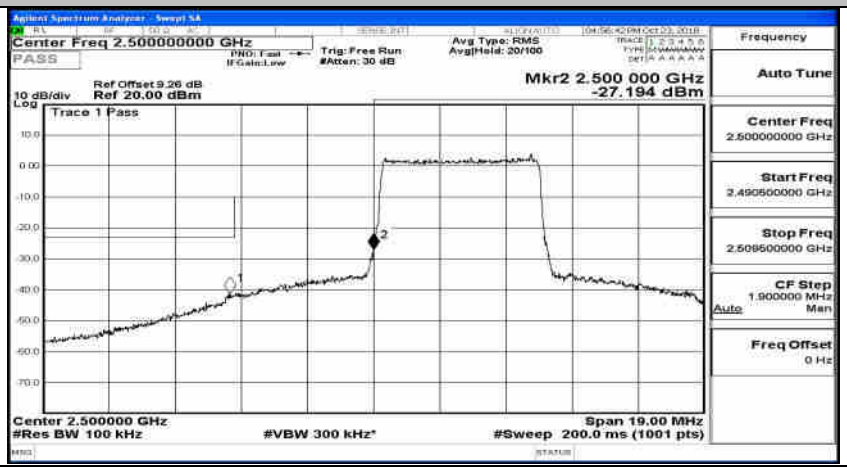
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0

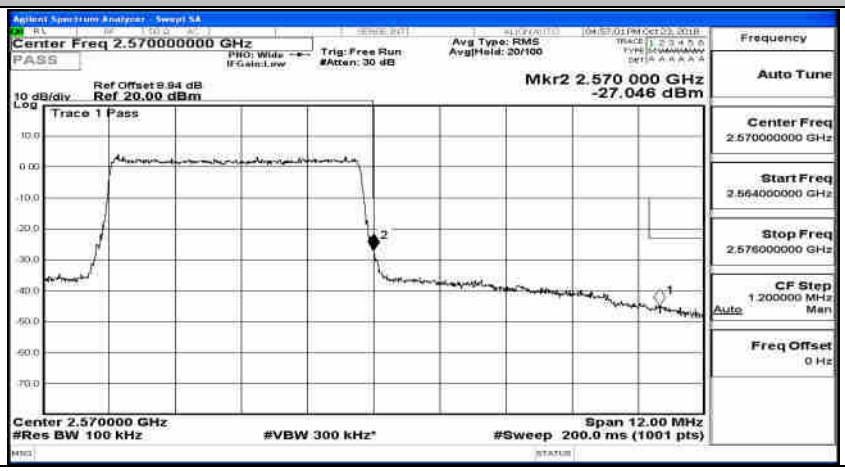


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0

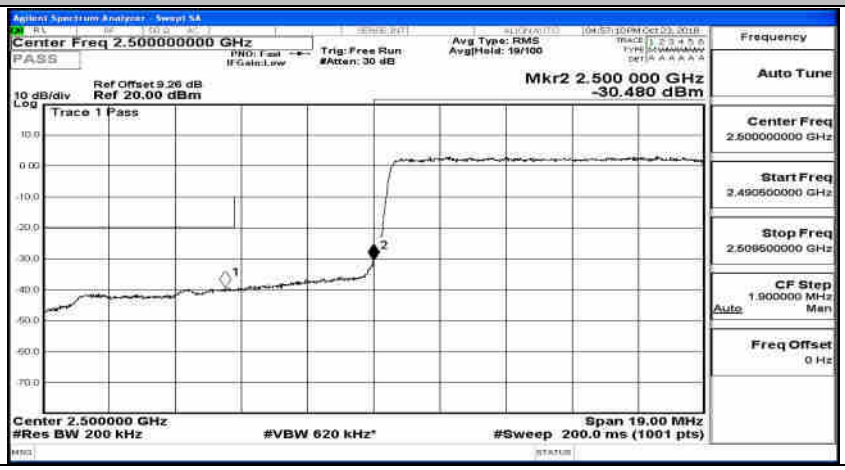


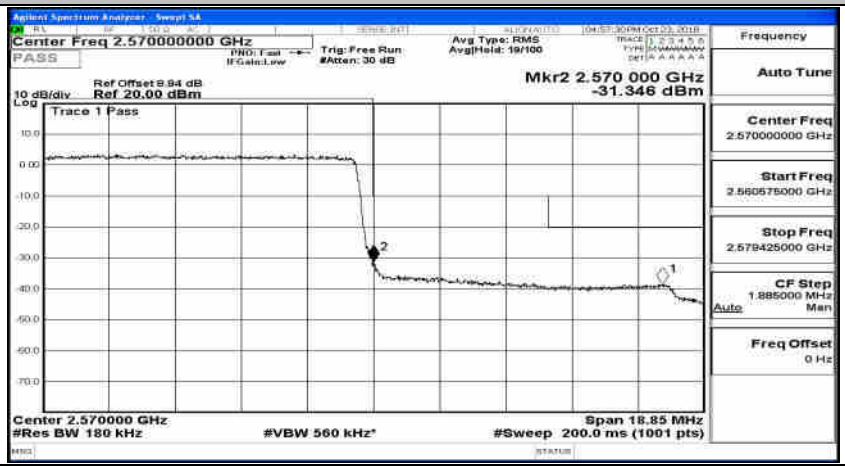
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

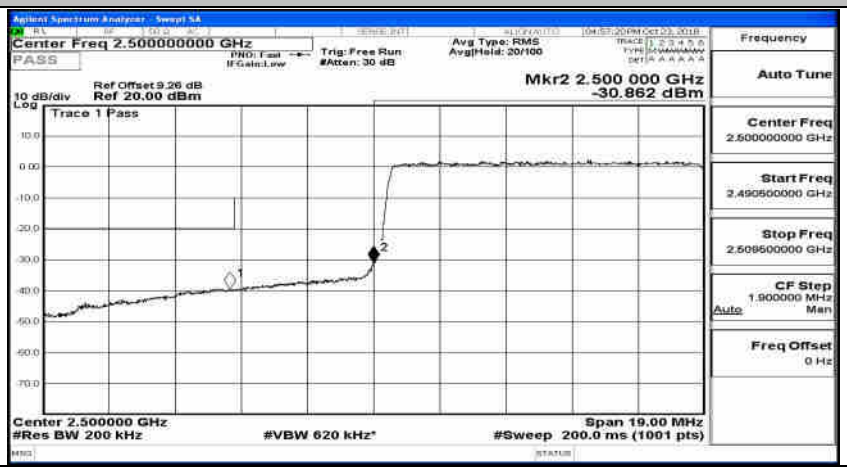


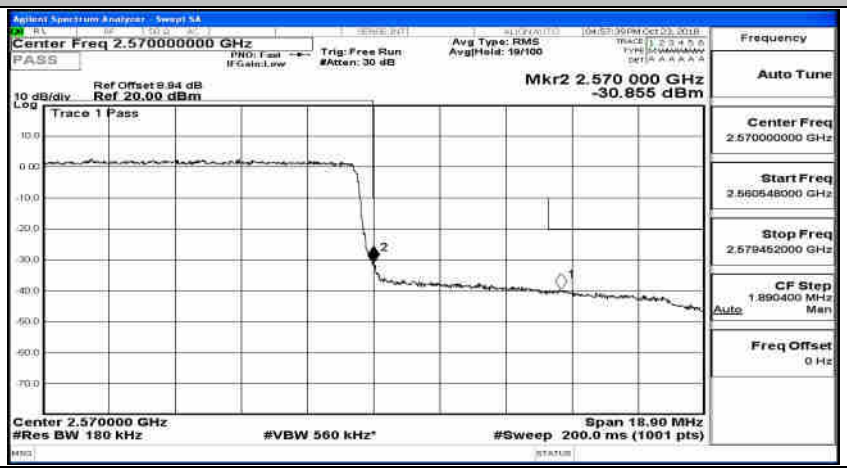
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0


Channel Bandwidth: 10 MHz

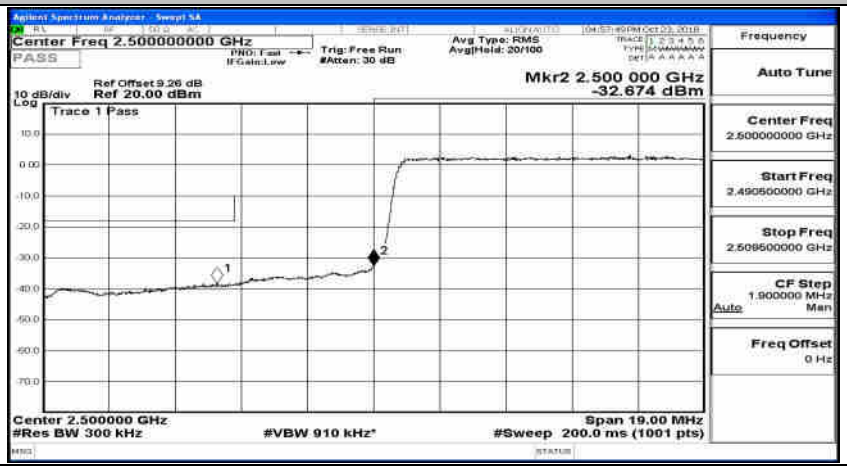
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


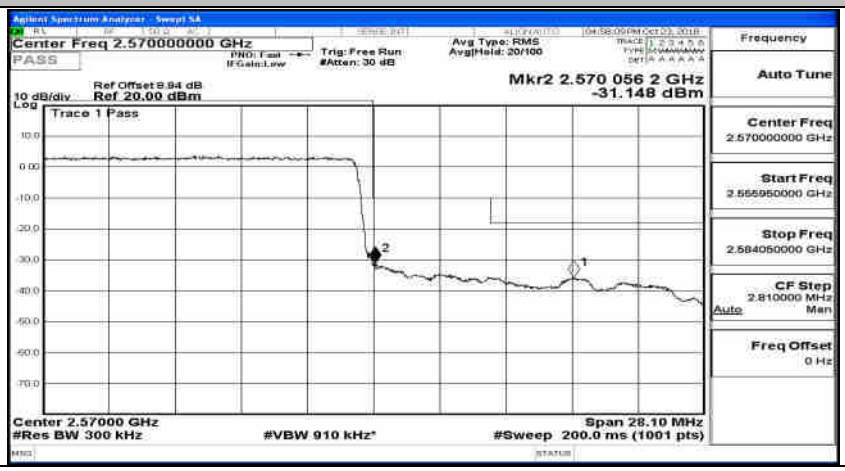
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0


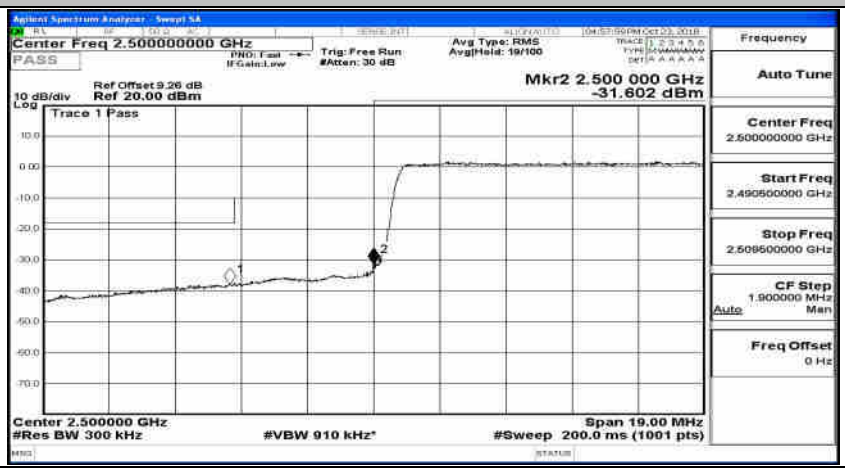
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0


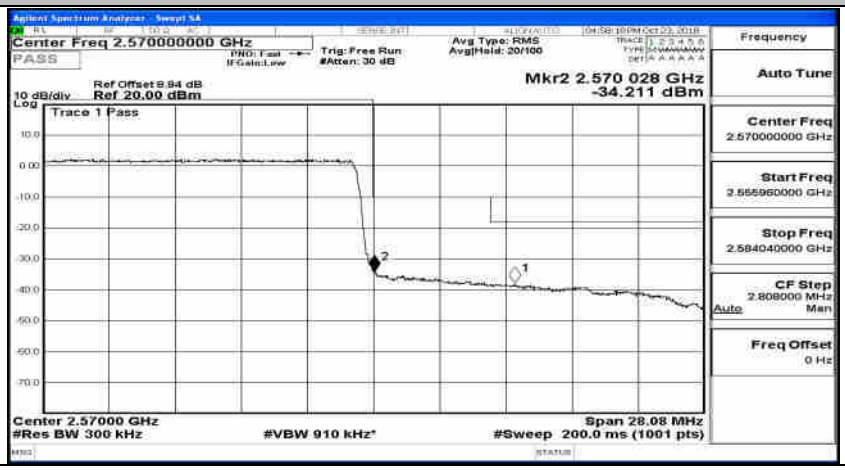
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



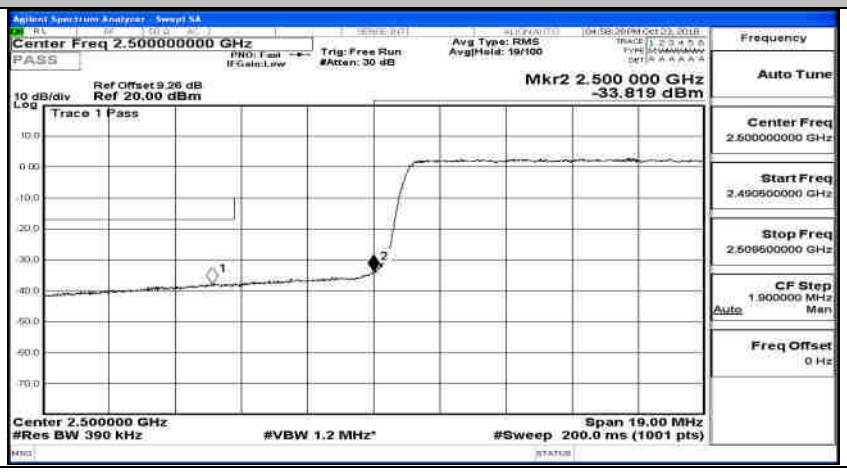
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

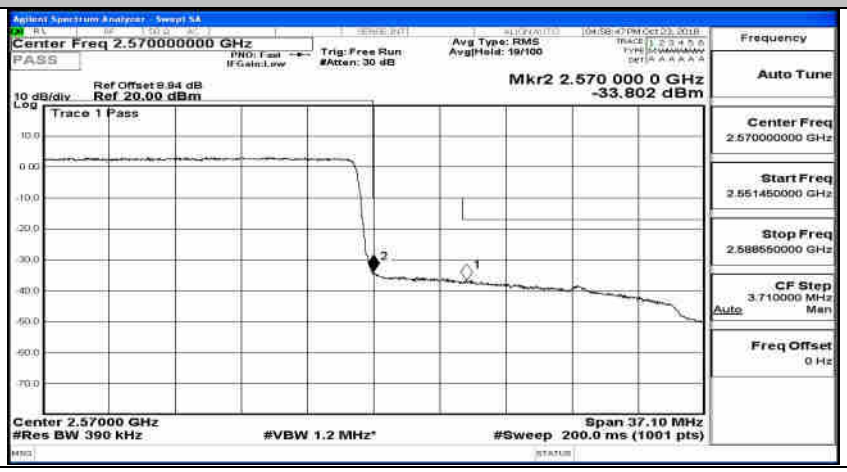


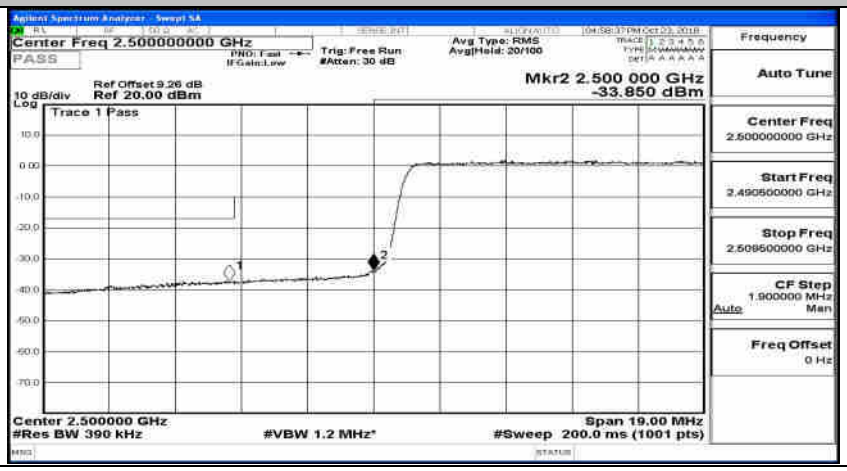
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

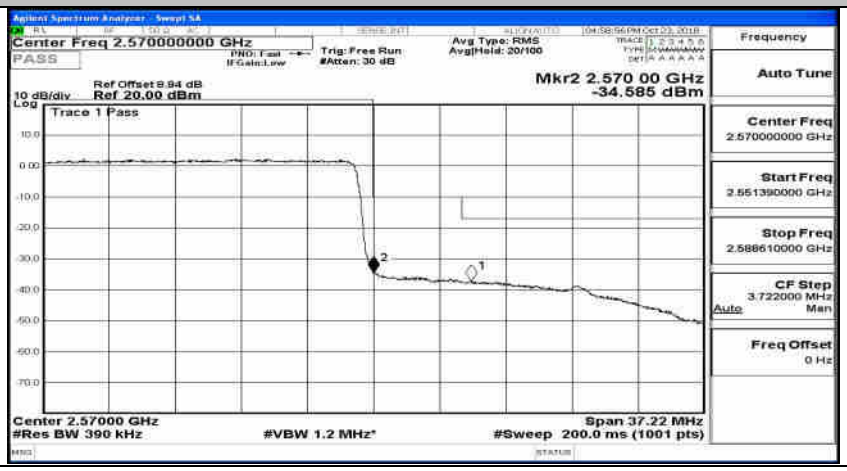


Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0


(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0


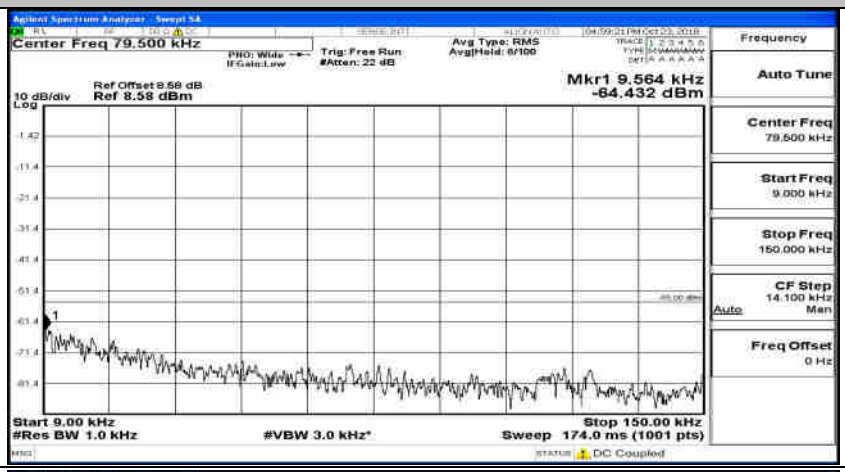
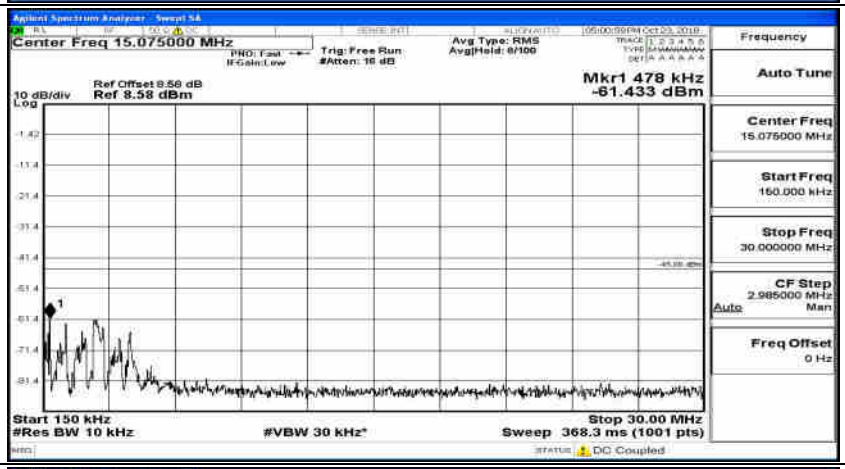
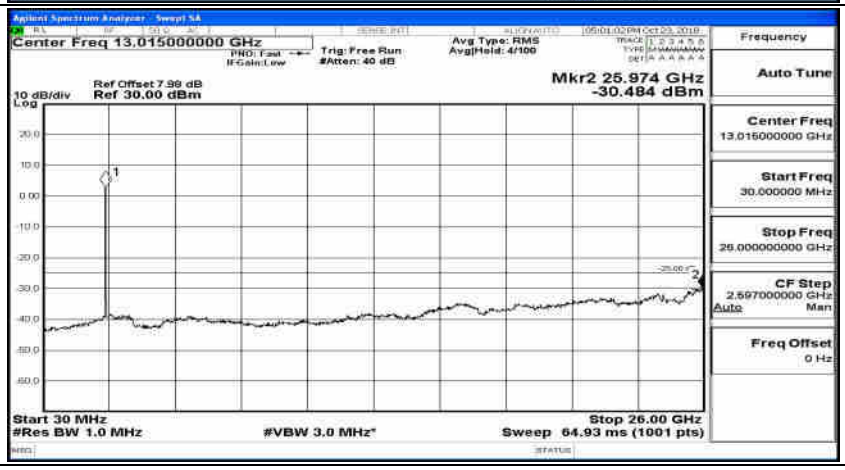
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0


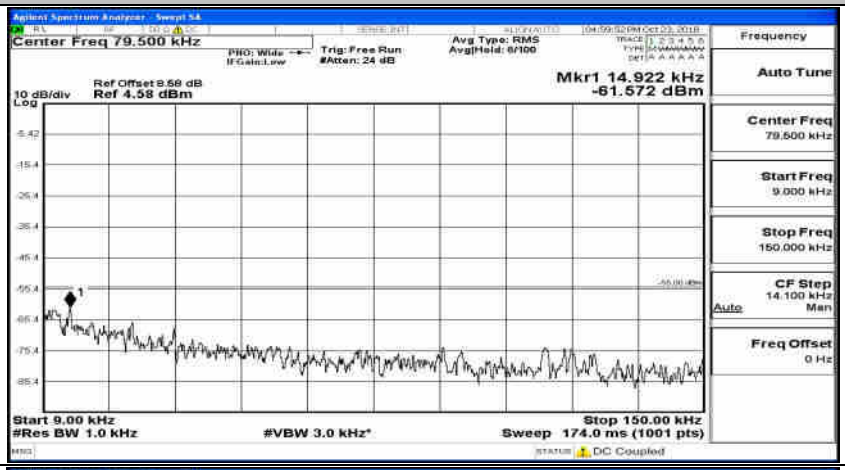
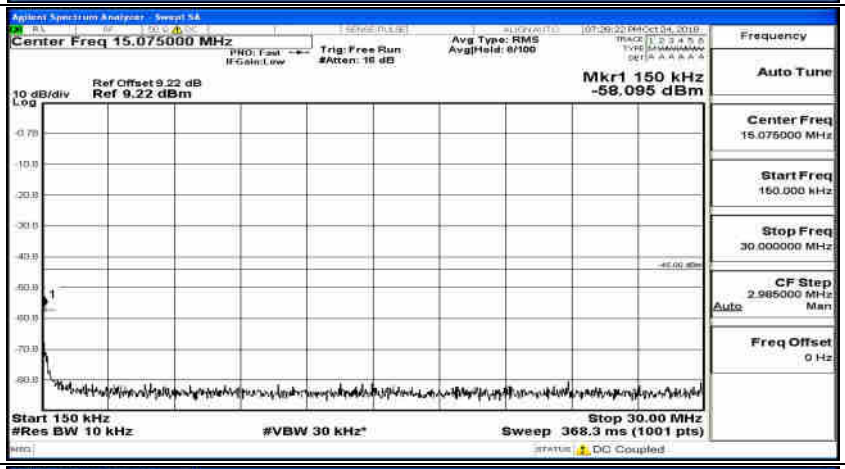
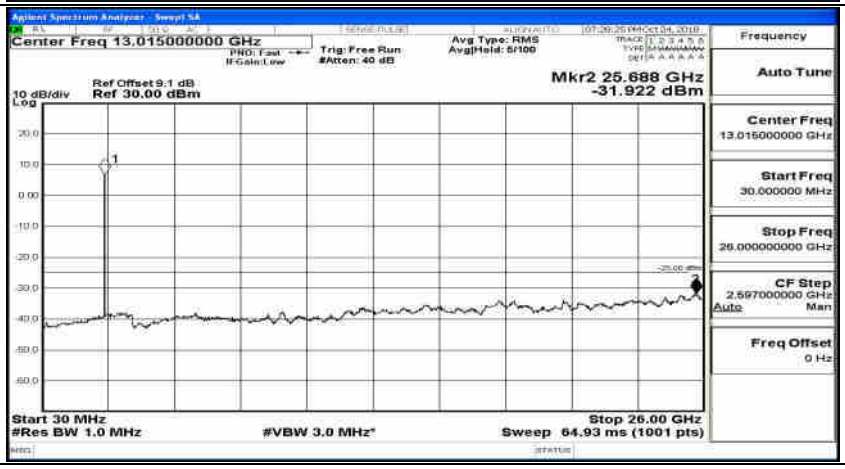
(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0


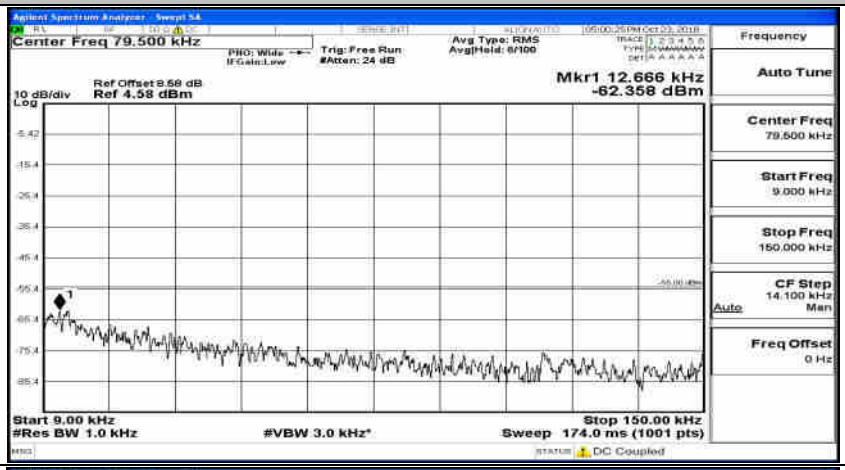
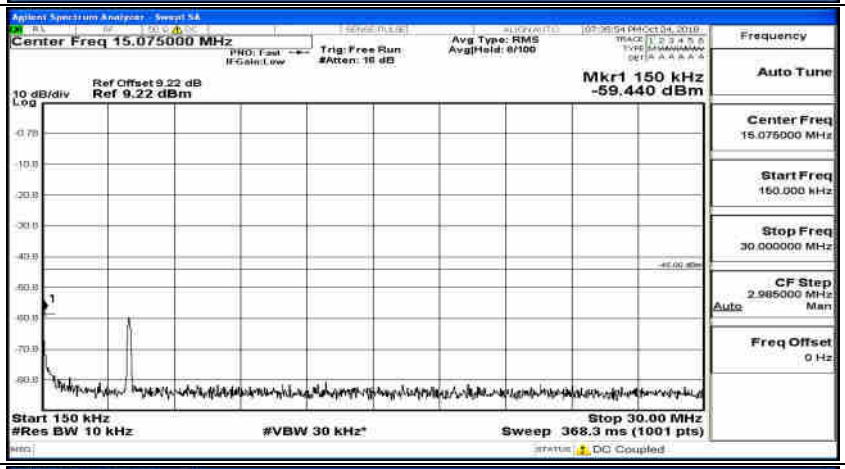
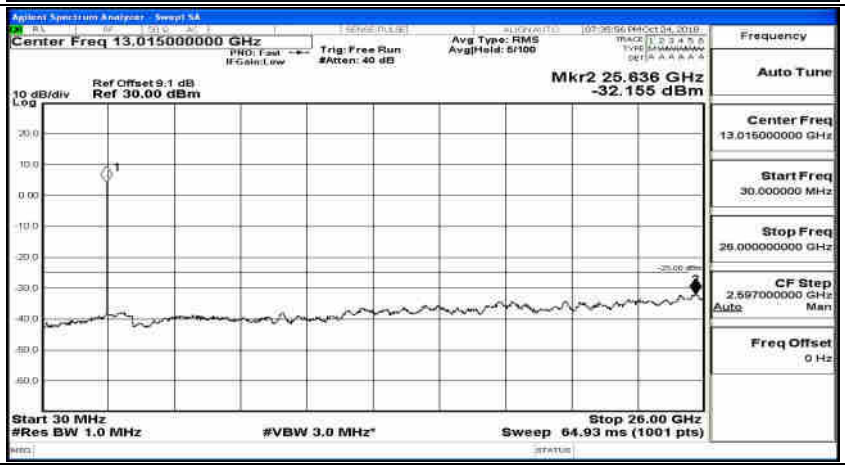
Appendix C.5: Conducted Spurious Emission

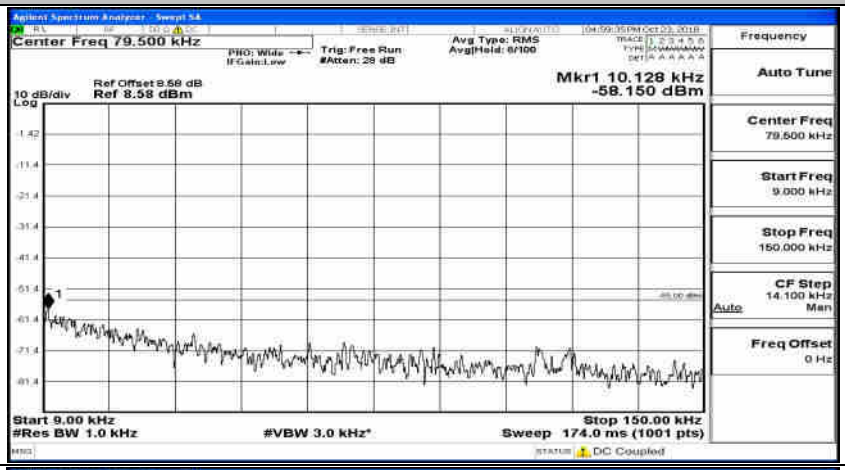
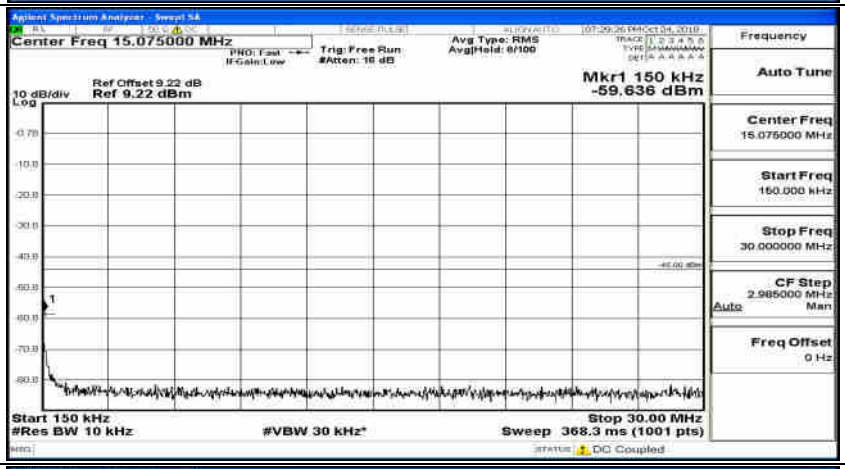
Test Graphs

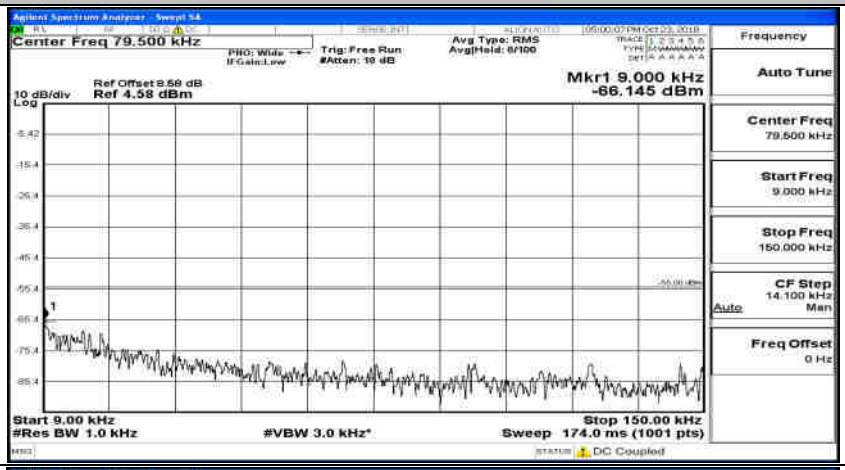
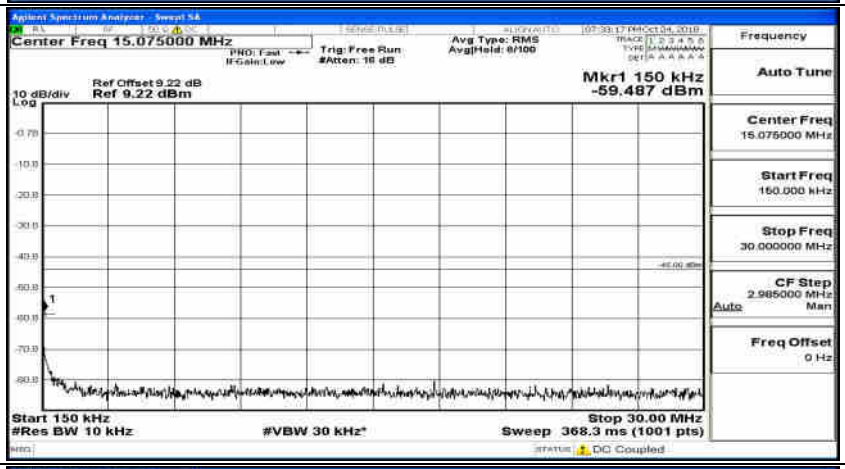
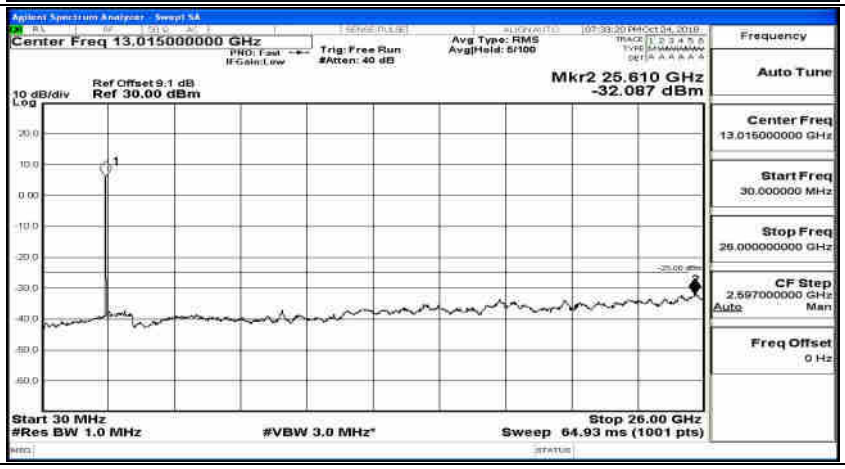
Channel Bandwidth: 5 MHz

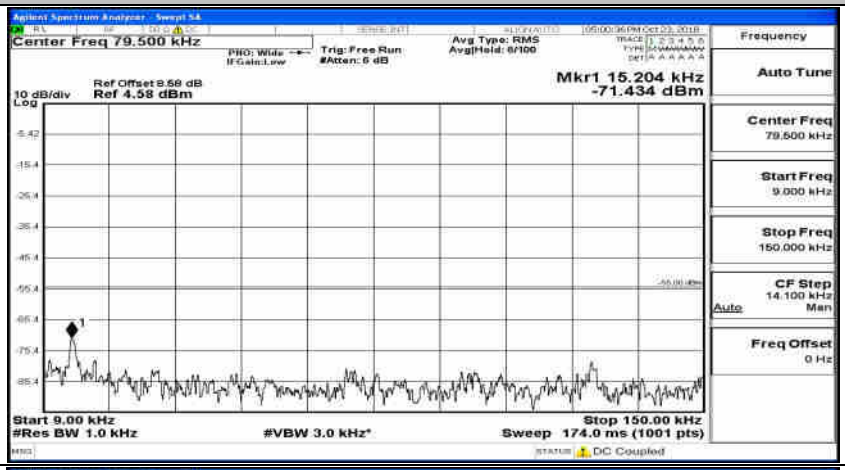
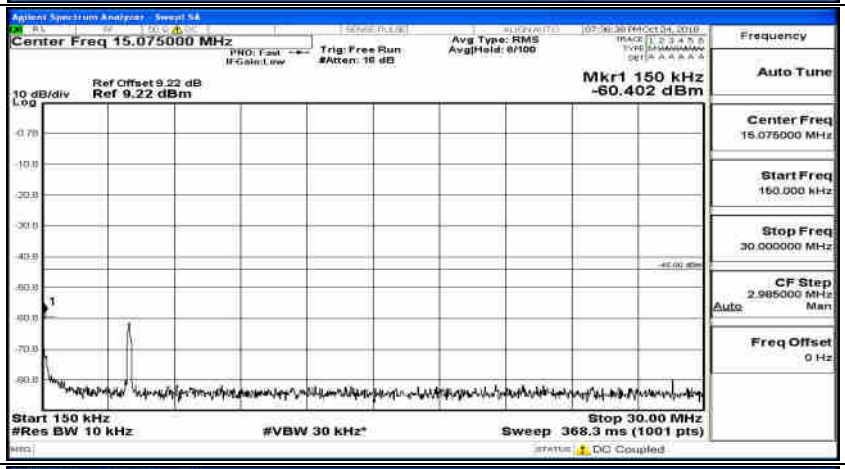
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0




(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0




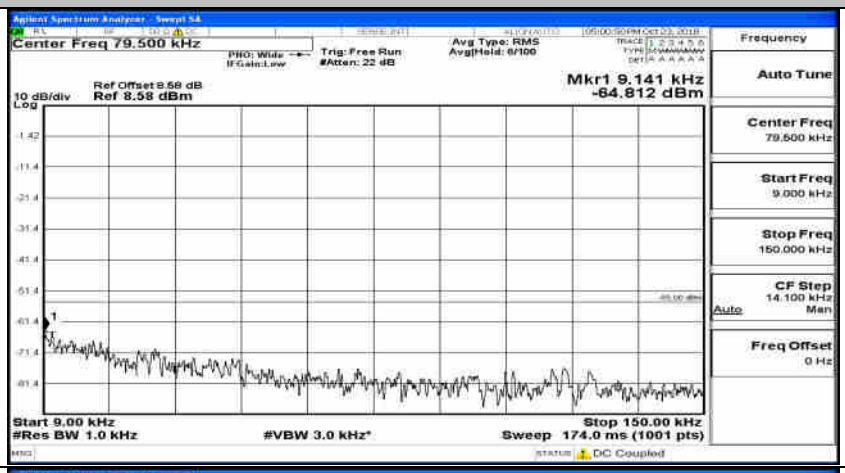
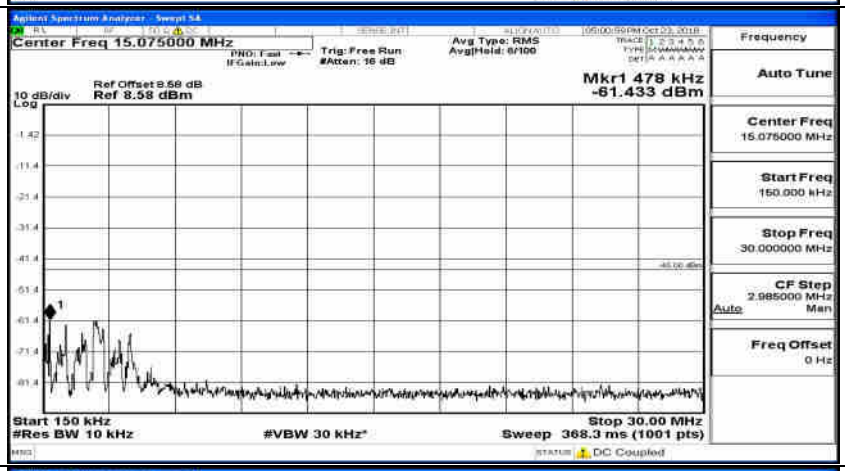
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0




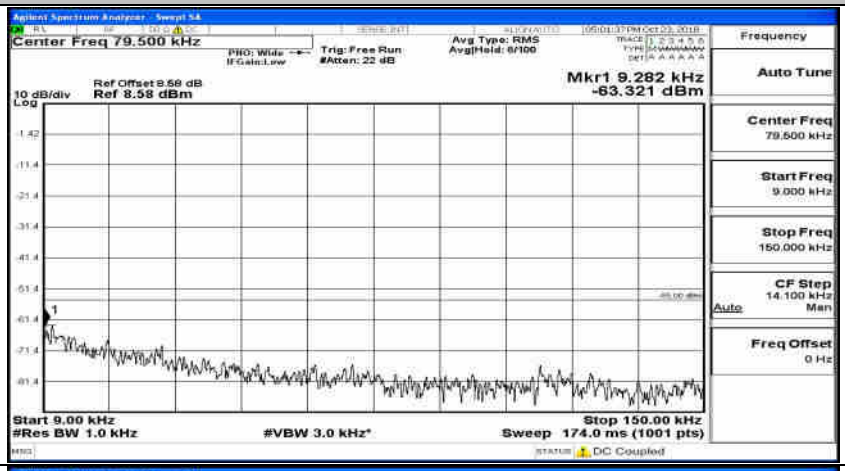
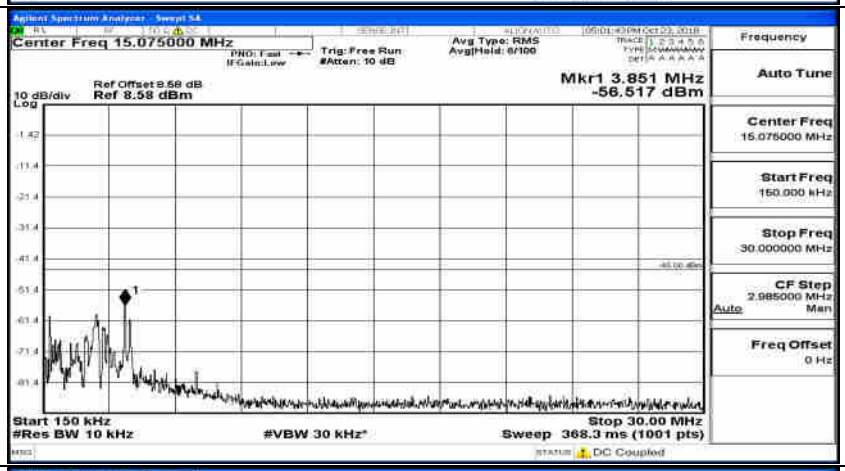
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



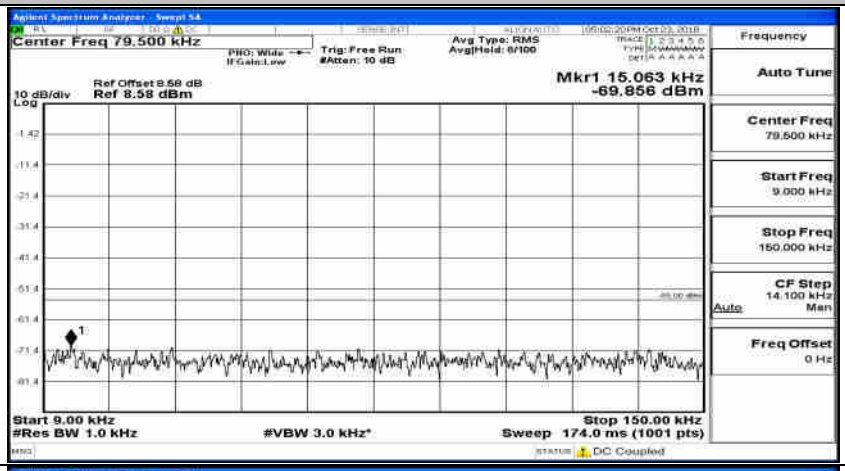
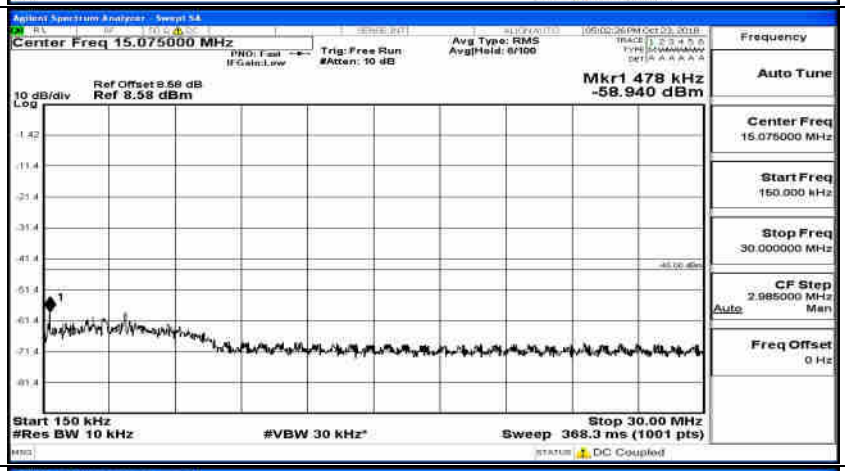

(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0




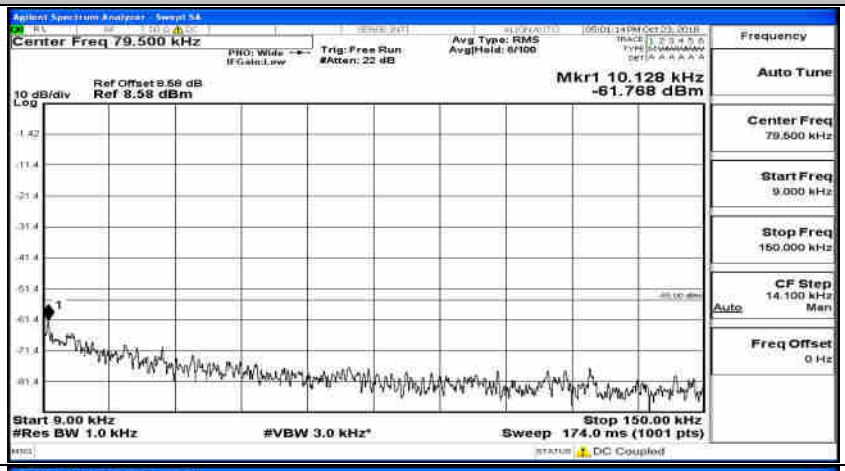
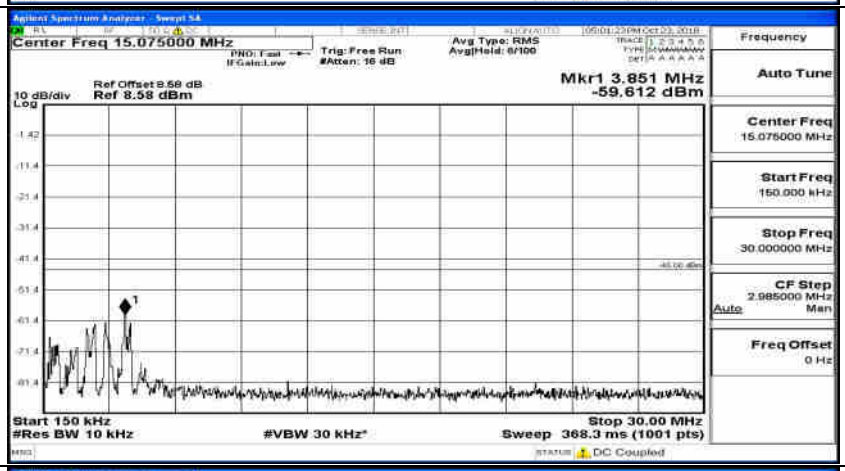
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



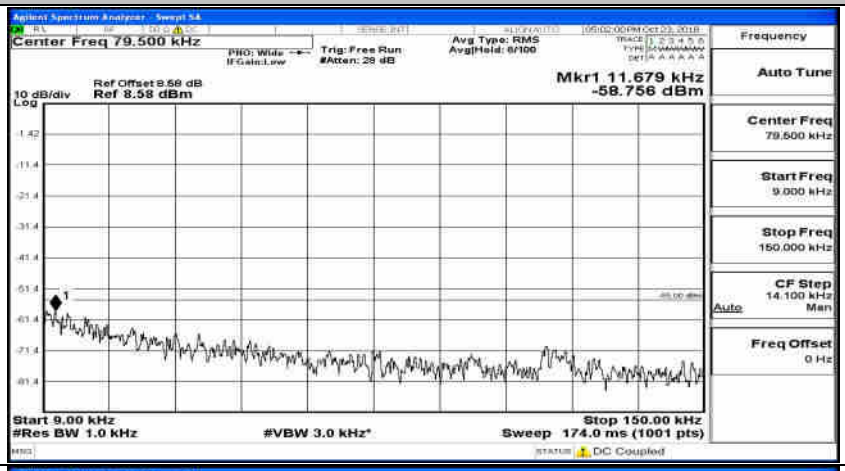
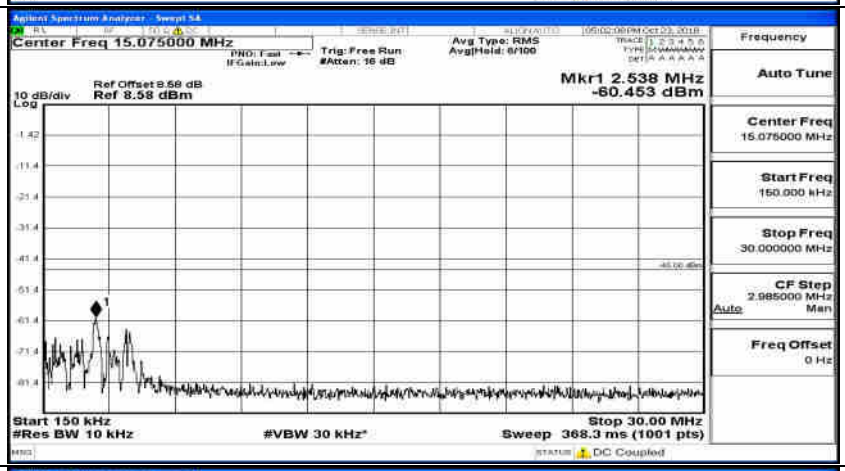
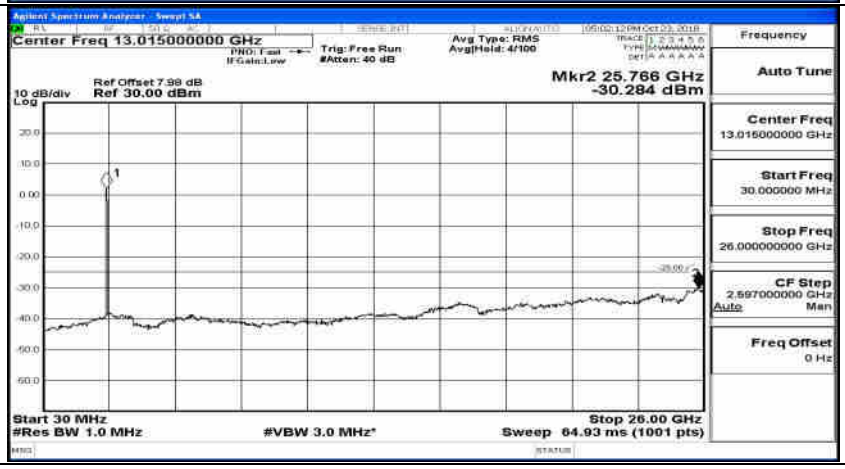

Channel Bandwidth: 10 MHz

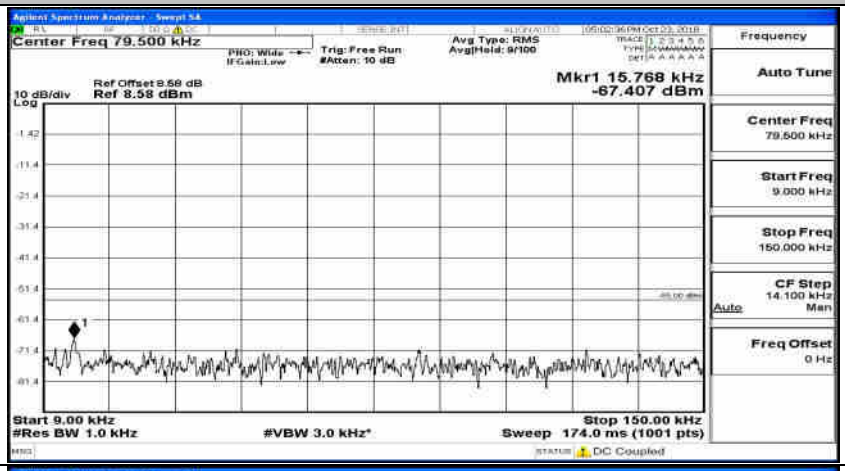
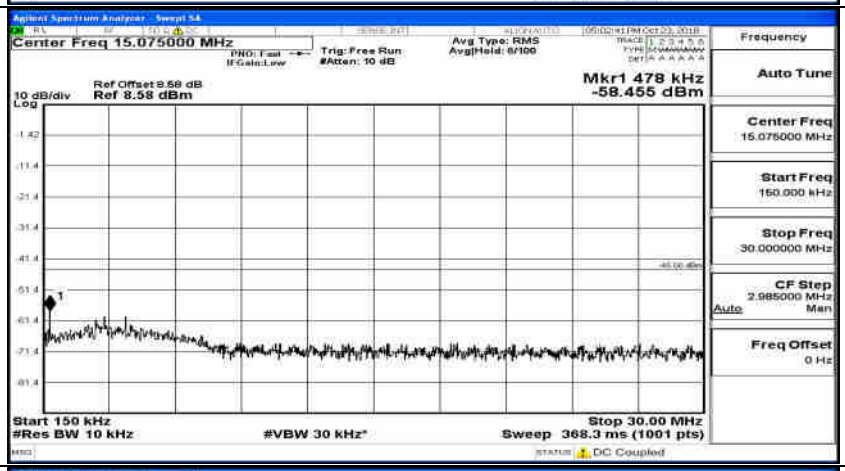
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0




Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



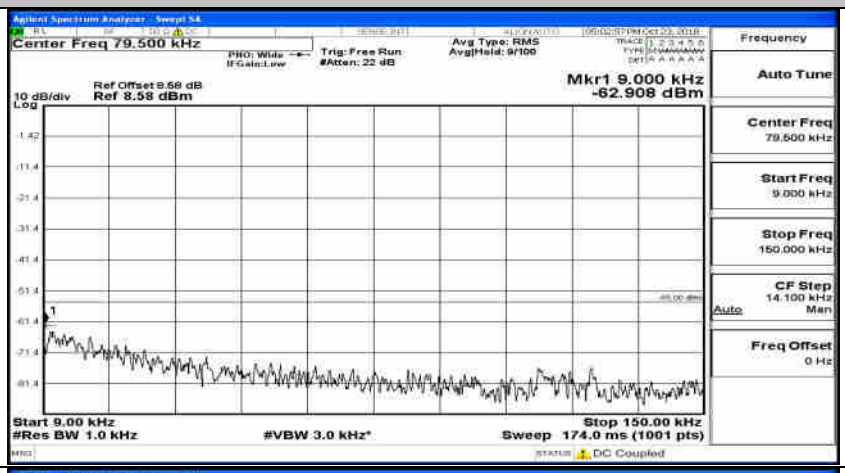
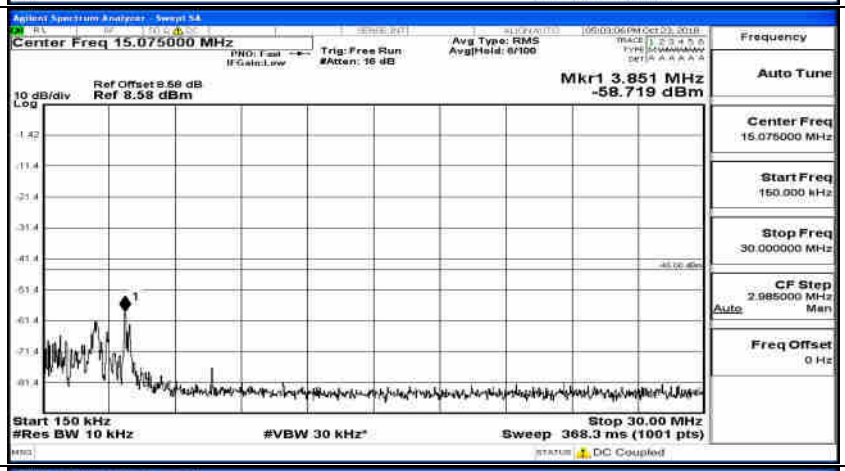

Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



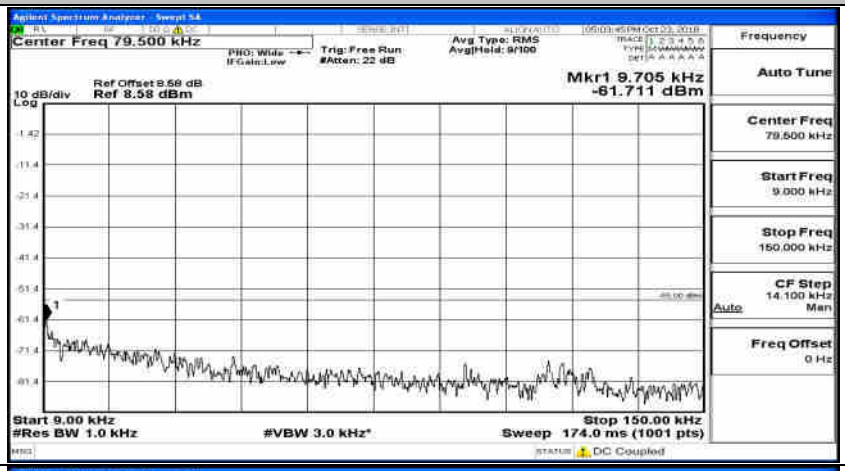
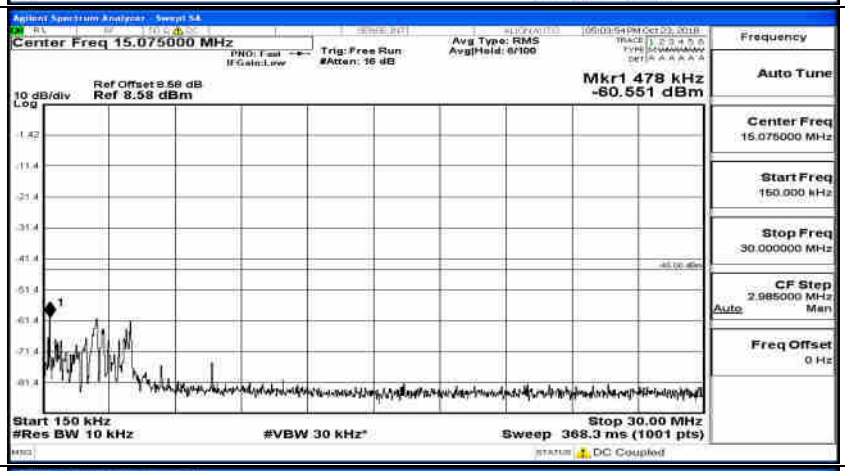

Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



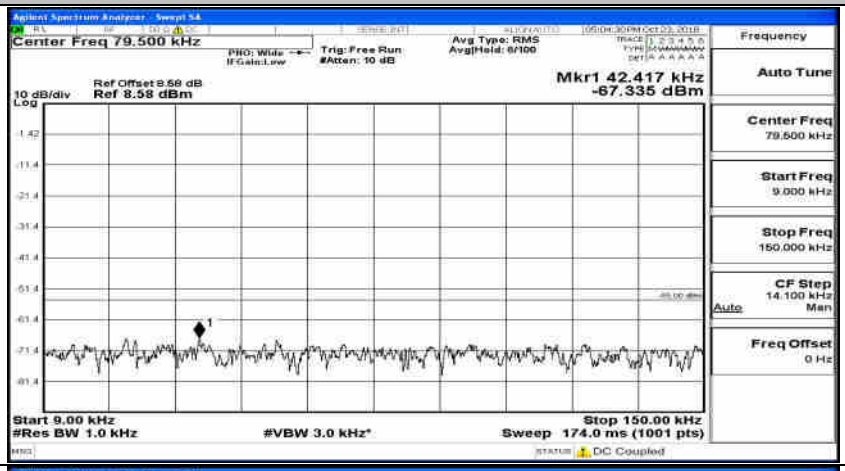
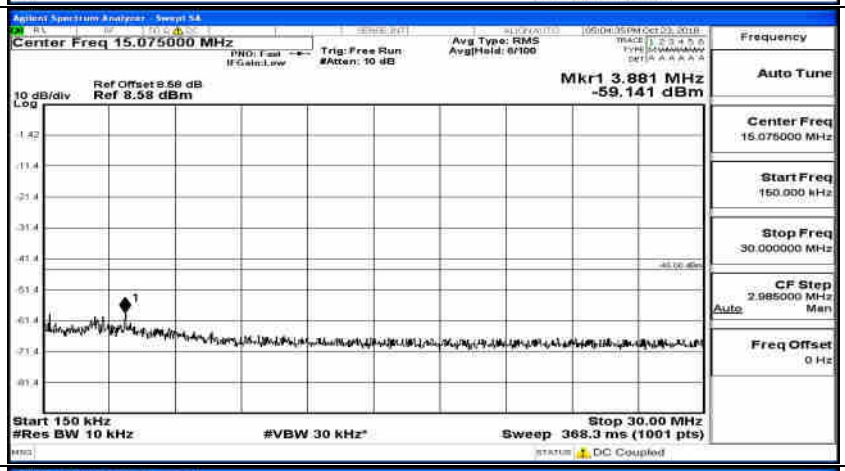

Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0




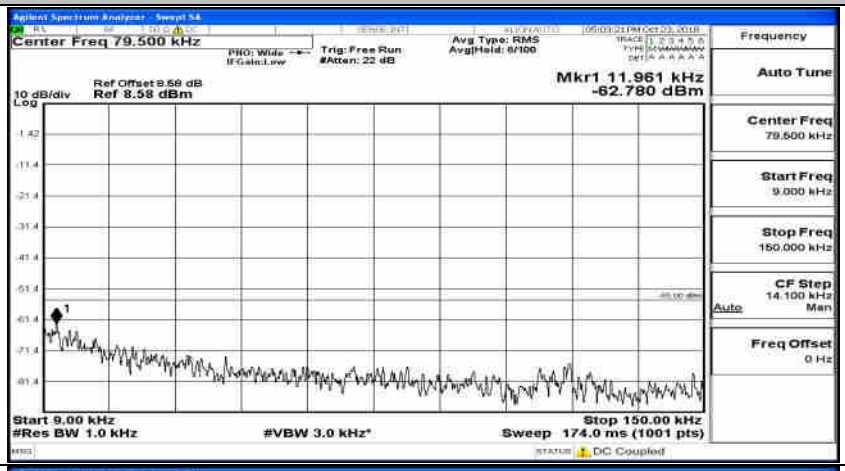
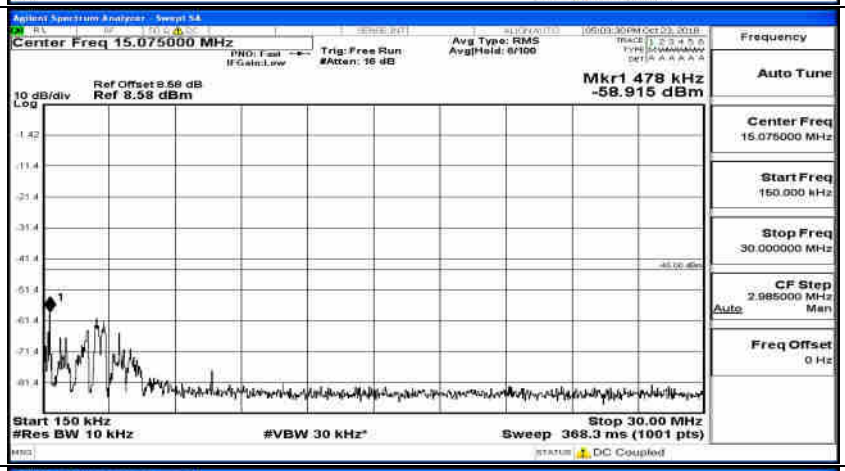
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



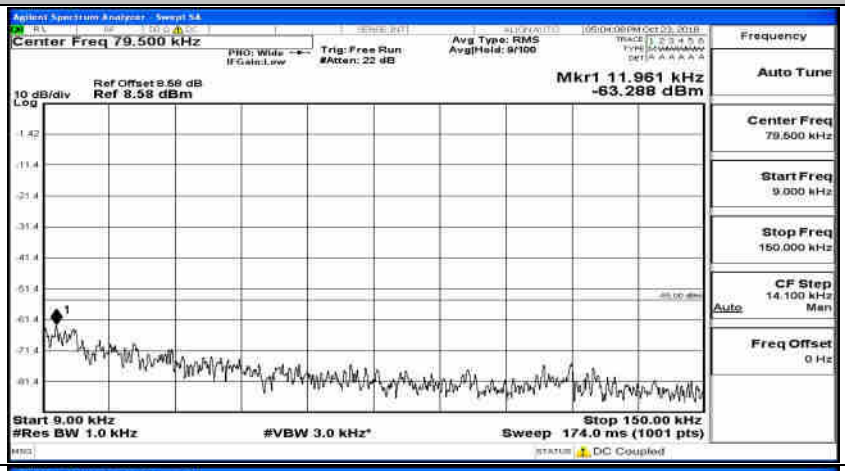
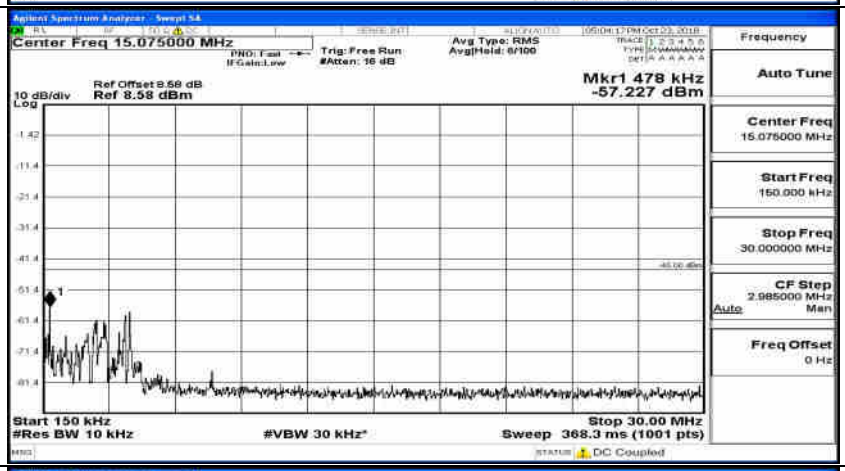

Channel Bandwidth: 15 MHz

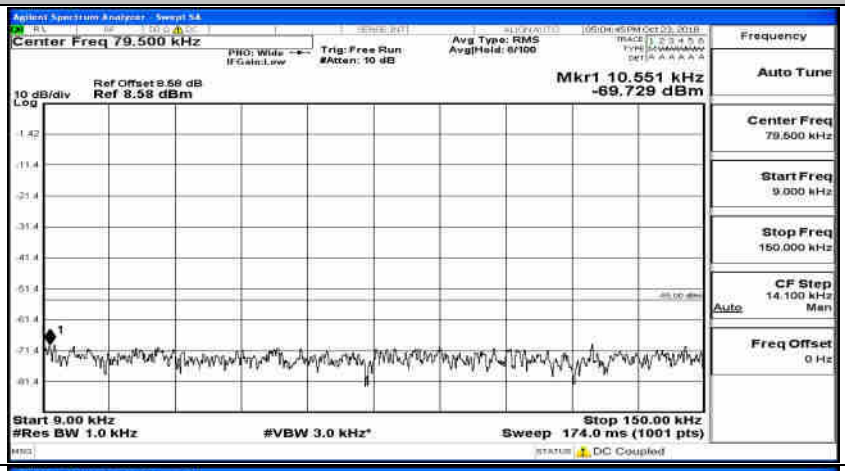
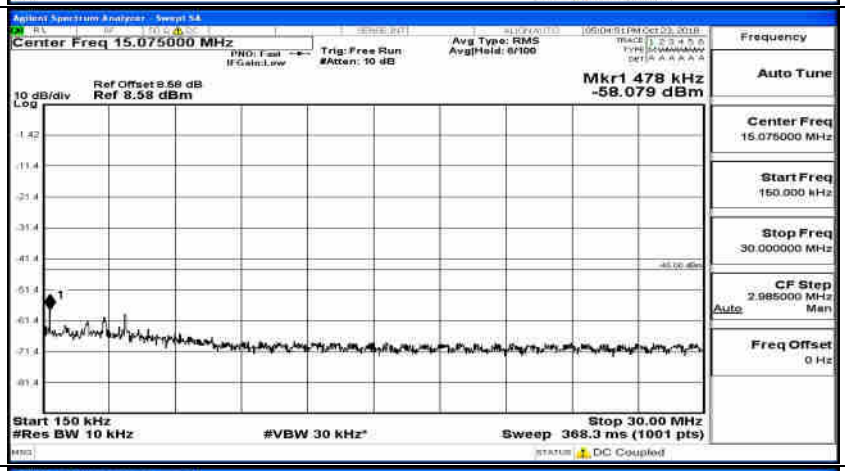
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0




(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



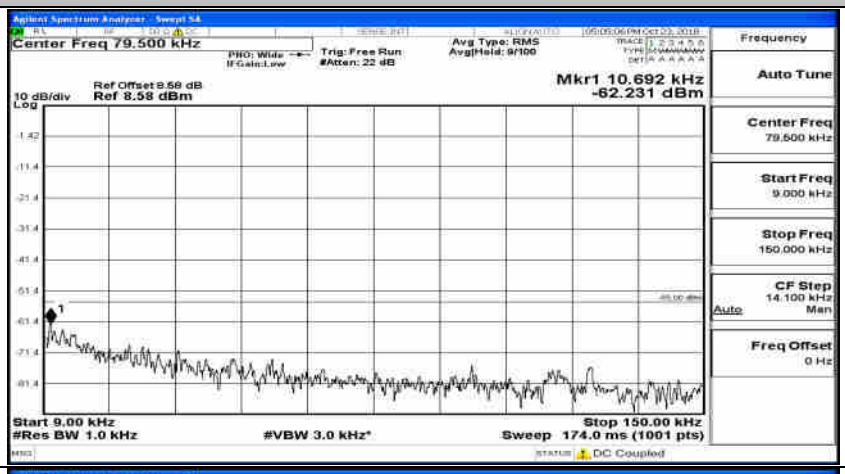
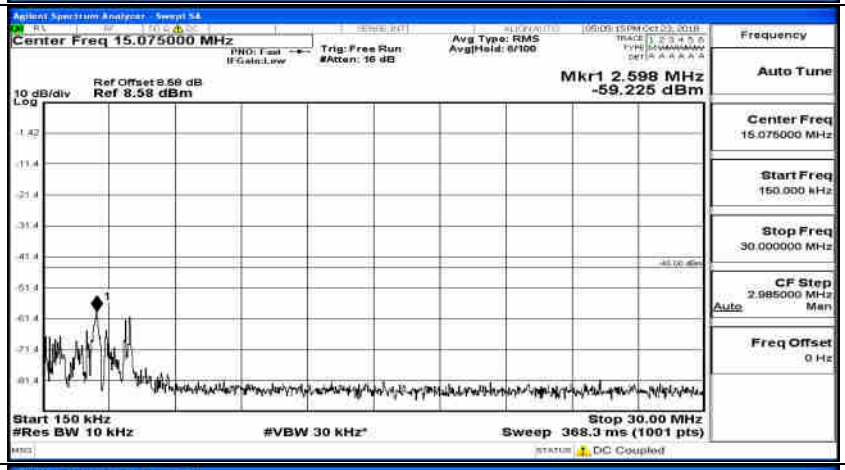

(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



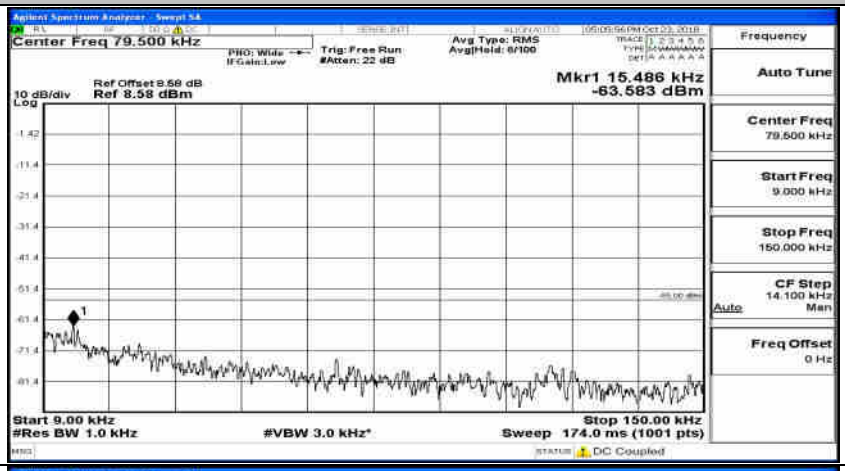
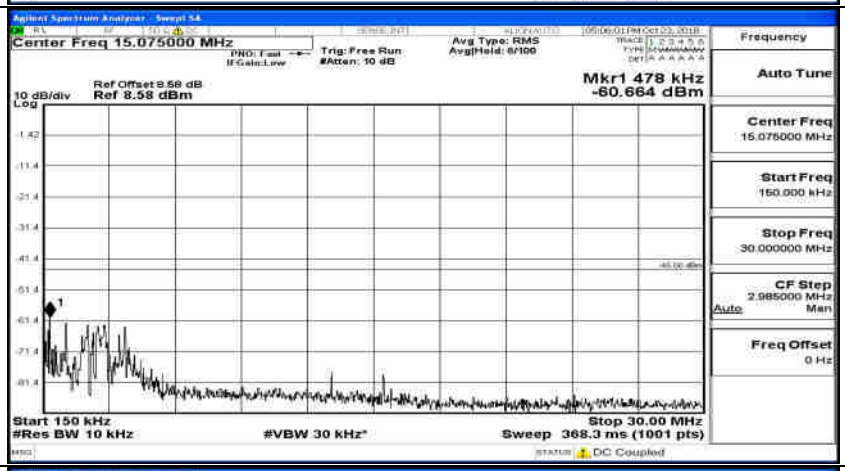

(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



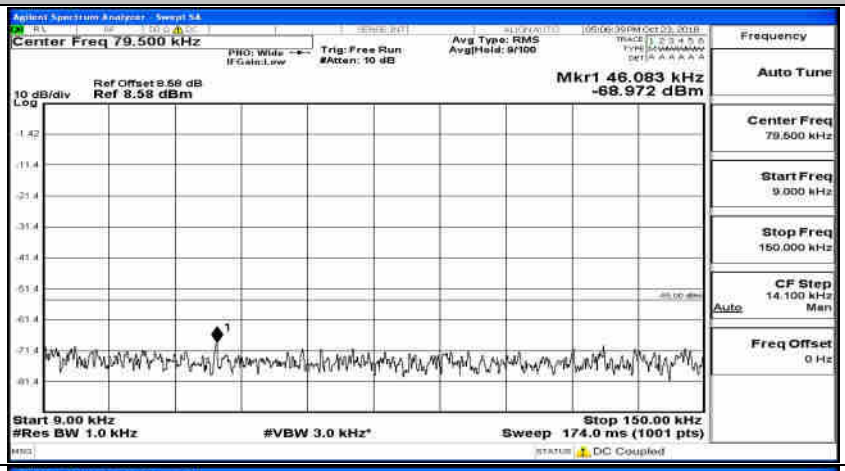
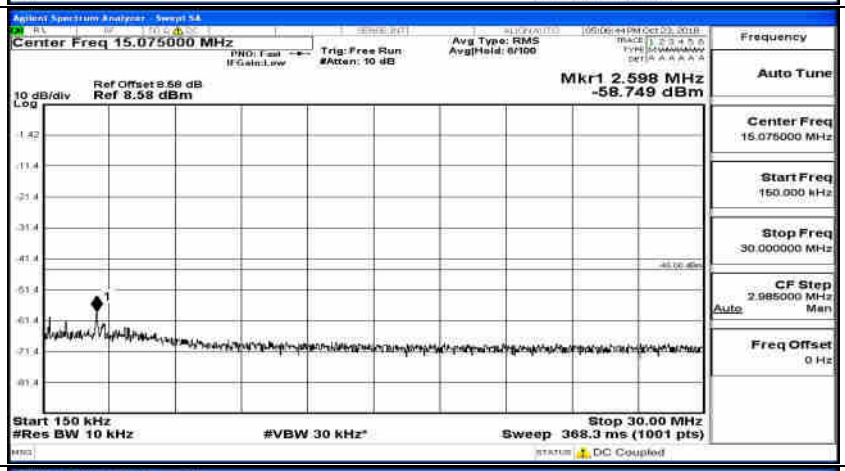

(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



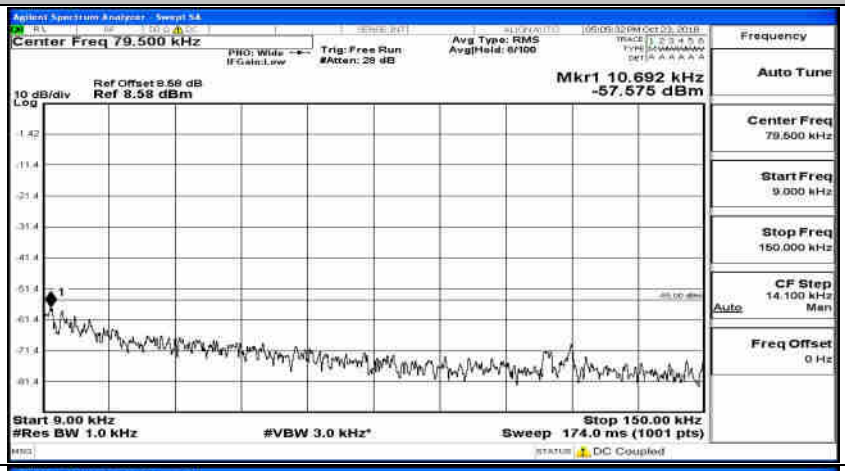
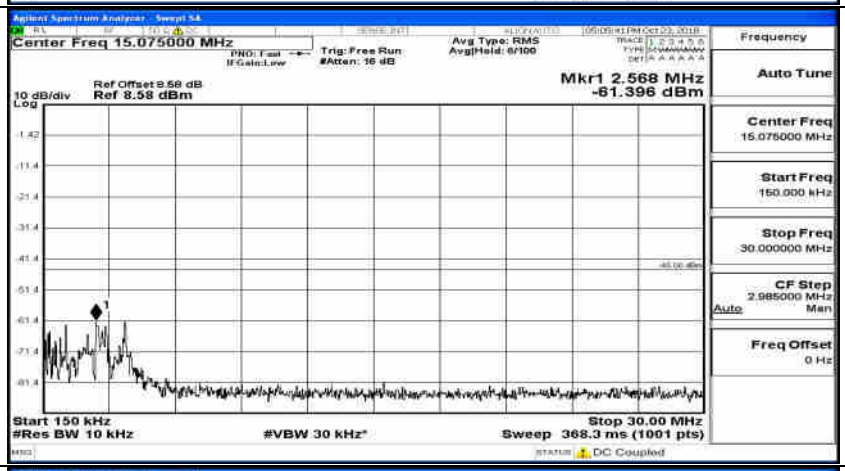

(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



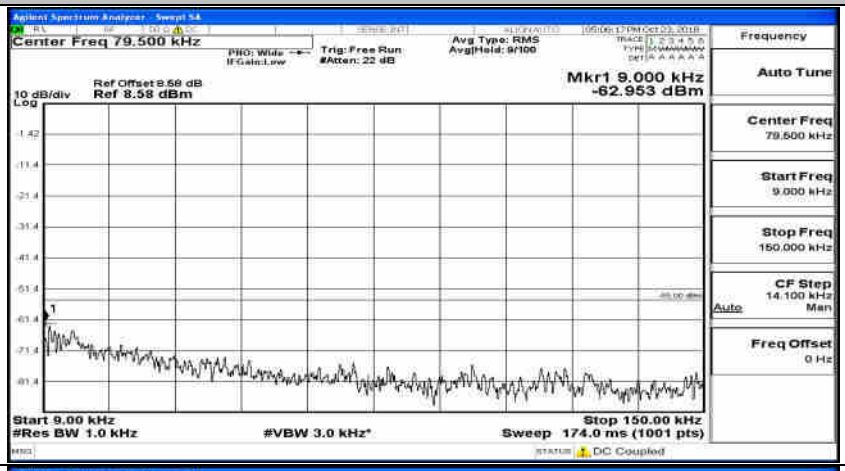
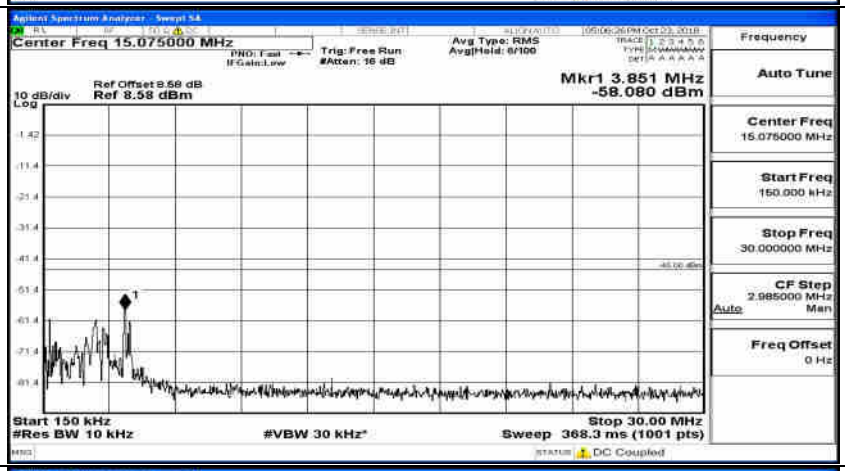

Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0




(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0




(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0




(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0




(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0




(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0