

Appendix for Band 41

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz					
Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.48	PASS
		1	12	22.40	PASS
		1	24	22.63	PASS
		12	0	22.29	PASS
		12	6	22.31	PASS
		12	13	22.38	PASS
		25	0	22.29	PASS
	MCH	1	0	22.70	PASS
		1	12	22.61	PASS
		1	24	22.71	PASS
		12	0	22.62	PASS
		12	6	22.58	PASS
		12	13	22.61	PASS
		25	0	22.58	PASS
	HCH	1	0	22.64	PASS
		1	12	22.59	PASS
		1	24	22.80	PASS
		12	0	22.44	PASS
		12	6	22.44	PASS
		12	13	22.53	PASS
		25	0	22.47	PASS
16QAM	LCH	1	0	22.82	PASS
		1	12	22.81	PASS
		1	24	22.94	PASS
		12	0	22.37	PASS
		12	6	22.36	PASS
		12	13	22.42	PASS
		25	0	22.33	PASS
	MCH	1	0	22.83	PASS
		1	12	22.68	PASS
		1	24	22.79	PASS
		12	0	22.59	PASS

		12	6	22.54	PASS
		12	13	22.57	PASS
		25	0	22.48	PASS
	HCH	1	0	22.86	PASS
		1	12	22.85	PASS
		1	24	23.35	PASS
		12	0	22.38	PASS
		12	6	22.39	PASS
		12	13	22.47	PASS
		25	0	22.39	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.60	PASS
		1	24	21.77	PASS
		1	49	22.00	PASS
		25	0	21.75	PASS
		25	12	21.82	PASS
		25	25	21.92	PASS
		50	0	21.77	PASS
	MCH	1	0	22.65	PASS
		1	24	22.60	PASS
		1	49	22.58	PASS
		25	0	22.64	PASS
		25	12	22.62	PASS
		25	25	22.62	PASS
		50	0	22.59	PASS
	HCH	1	0	22.14	PASS
		1	24	22.27	PASS
		1	49	22.47	PASS
		25	0	22.26	PASS
		25	12	22.38	PASS
		25	25	22.43	PASS
		50	0	22.32	PASS
16QAM	LCH	1	0	21.96	PASS
		1	24	22.10	PASS
		1	49	22.34	PASS
		25	0	21.72	PASS
		25	12	21.80	PASS
		25	25	21.89	PASS
		50	0	21.81	PASS

	MCH	1	0	22.77	PASS
		1	24	22.69	PASS
		1	49	22.66	PASS
		25	0	22.53	PASS
		25	12	22.52	PASS
		25	25	22.51	PASS
		50	0	22.52	PASS
	HCH	1	0	22.50	PASS
		1	24	22.67	PASS
		1	49	22.85	PASS
		25	0	22.14	PASS
		25	12	22.22	PASS
		25	25	22.34	PASS
		50	0	22.29	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.50	PASS
		1	37	21.60	PASS
		1	74	22.03	PASS
		37	0	21.35	PASS
		37	18	21.52	PASS
		37	38	21.63	PASS
		75	0	21.49	PASS
	MCH	1	0	22.47	PASS
		1	37	22.26	PASS
		1	74	22.34	PASS
		37	0	22.28	PASS
		37	18	22.31	PASS
		37	38	22.24	PASS
		75	0	22.25	PASS
	HCH	1	0	21.90	PASS
		1	37	21.91	PASS
		1	74	22.34	PASS
		37	0	21.75	PASS
		37	18	21.87	PASS
		37	38	21.97	PASS
		75	0	21.84	PASS
16QAM	LCH	1	0	21.95	PASS
		1	37	22.01	PASS
		1	74	22.42	PASS

		37	0	21.39	PASS
		37	18	21.54	PASS
		37	38	21.64	PASS
		75	0	21.52	PASS
	MCH	1	0	22.70	PASS
		1	37	22.53	PASS
		1	74	22.58	PASS
		37	0	22.20	PASS
		37	18	22.22	PASS
		37	38	22.17	PASS
		75	0	22.22	PASS
	HCH	1	0	22.09	PASS
		1	37	22.08	PASS
		1	74	22.50	PASS
		37	0	21.64	PASS
		37	18	21.76	PASS
		37	38	21.88	PASS
		75	0	21.79	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	21.01	PASS
		1	49	21.48	PASS
		1	99	21.72	PASS
		50	0	20.96	PASS
		50	25	21.23	PASS
		50	50	21.32	PASS
		100	0	21.17	PASS
	MCH	1	0	22.12	PASS
		1	49	22.15	PASS
		1	99	22.01	PASS
		50	0	21.90	PASS
		50	25	21.94	PASS
		50	50	21.84	PASS
		100	0	21.87	PASS
	HCH	1	0	21.33	PASS
		1	49	21.68	PASS
		1	99	21.93	PASS
		50	0	21.22	PASS
		50	25	21.41	PASS
		50	50	21.47	PASS

		100	0	21.35	PASS
16QAM	LCH	1	0	21.55	PASS
		1	49	21.97	PASS
		1	99	22.21	PASS
		50	0	20.98	PASS
		50	25	21.23	PASS
		50	50	21.38	PASS
		100	0	21.17	PASS
	MCH	1	0	22.27	PASS
		1	49	22.30	PASS
		1	99	22.12	PASS
		50	0	21.85	PASS
		50	25	21.91	PASS
		50	50	21.79	PASS
		100	0	21.81	PASS
	HCH	1	0	21.74	PASS
		1	49	22.02	PASS
		1	99	22.30	PASS
		50	0	21.20	PASS
		50	25	21.41	PASS
		50	50	21.49	PASS
		100	0	21.34	PASS

Appendix B: 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	4.4735	5.073	PASS
	MCH	25	0	4.4896	5.402	PASS
	HCH	25	0	4.4867	5.437	PASS
16QAM	LCH	25	0	4.4872	5.309	PASS
	MCH	25	0	4.4970	5.524	PASS
	HCH	25	0	4.4827	5.421	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	8.9462	10.09	PASS
	MCH	50	0	8.9510	10.09	PASS
	HCH	50	0	8.9433	10.20	PASS
16QAM	LCH	50	0	8.9538	10.21	PASS
	MCH	50	0	8.9592	10.51	PASS
	HCH	50	0	8.9676	10.69	PASS

Channel Bandwidth: 15 MHz

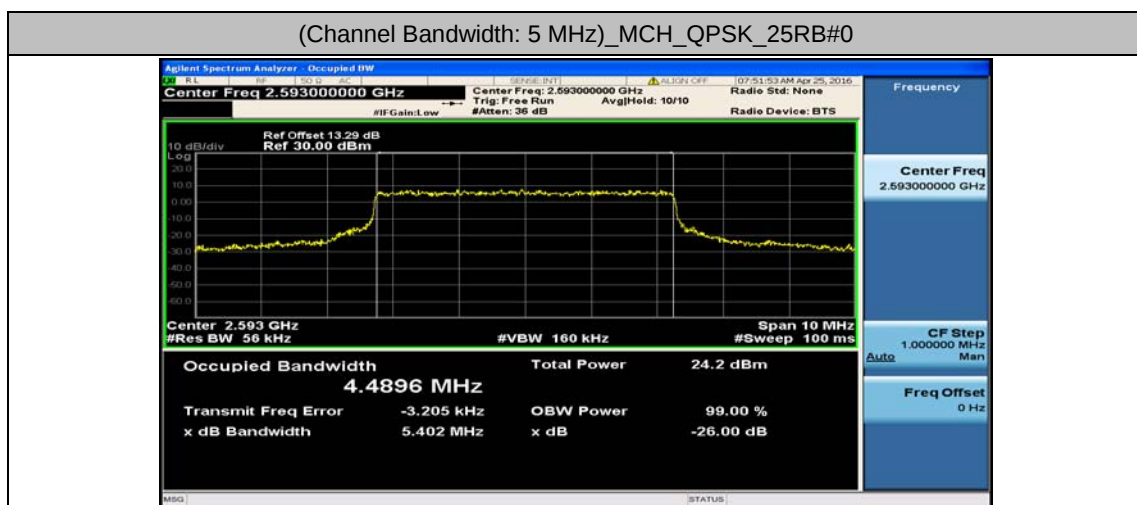
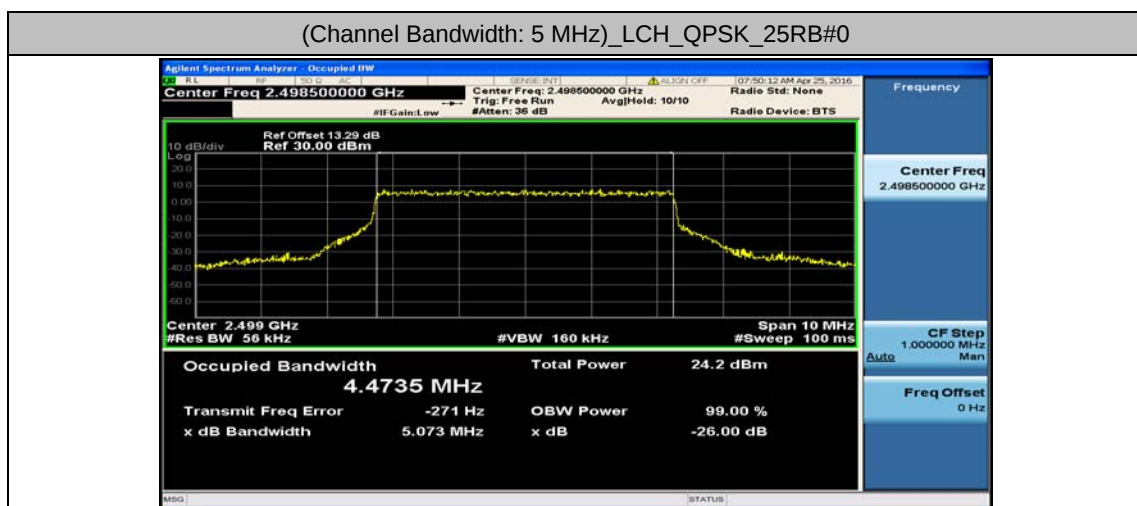
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.410	14.31	PASS
	MCH	75	0	13.424	14.68	PASS
	HCH	75	0	13.419	14.60	PASS
16QAM	LCH	75	0	13.415	14.43	PASS
	MCH	75	0	13.451	14.63	PASS
	HCH	75	0	13.429	14.69	PASS

Channel Bandwidth: 20 MHz

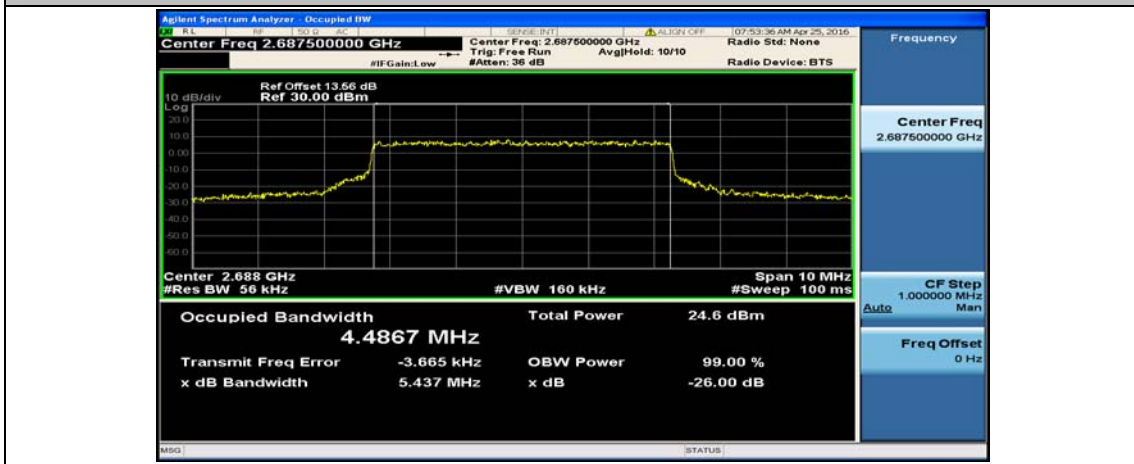
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.871	18.66	PASS
	MCH	100	0	17.876	18.78	PASS
	HCH	100	0	17.892	18.96	PASS
16QAM	LCH	100	0	17.892	18.75	PASS
	MCH	100	0	17.886	18.91	PASS
	HCH	100	0	17.904	18.99	PASS

Test Graphs

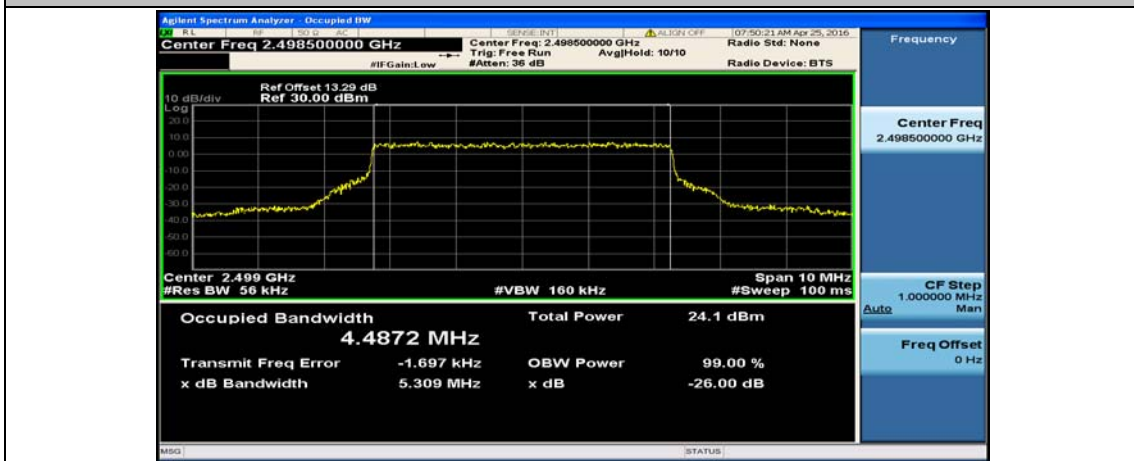
Channel Bandwidth: 5 MHz



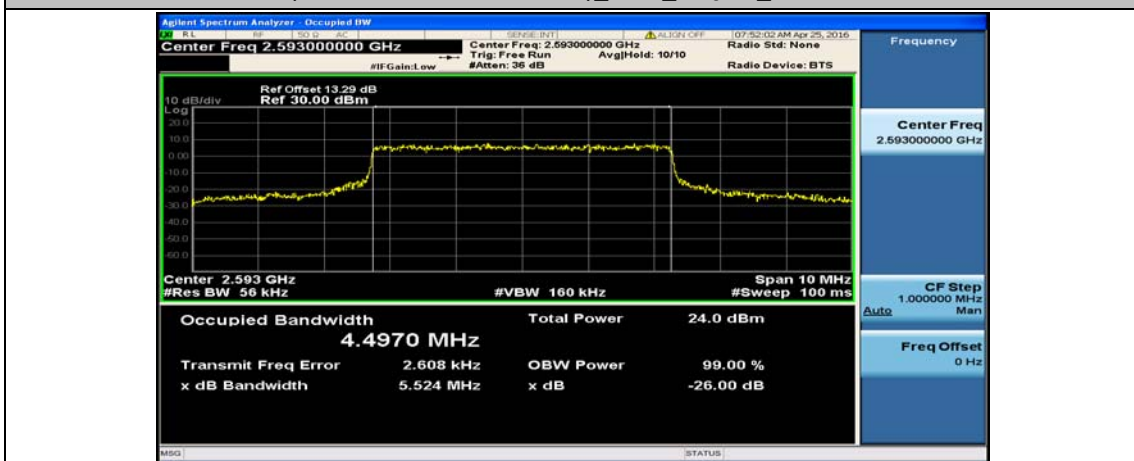
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



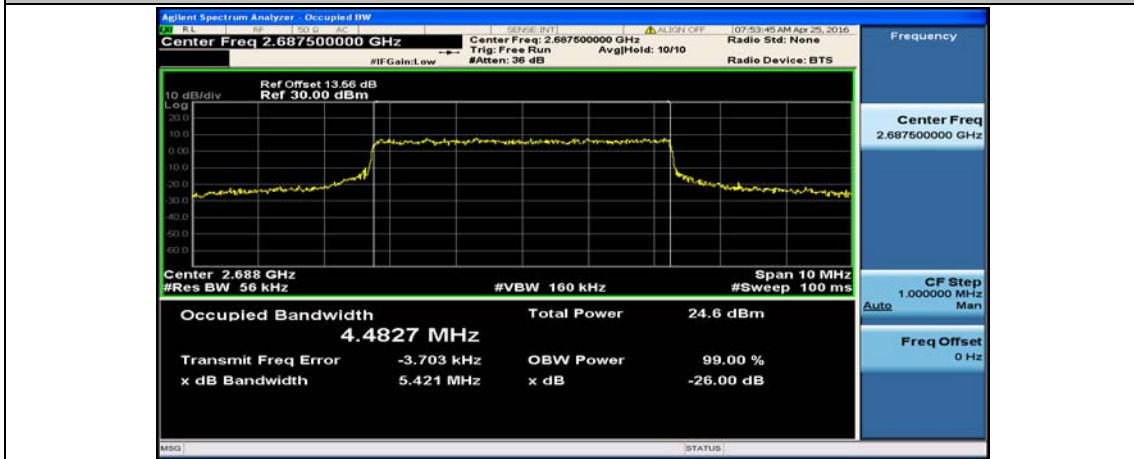
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0

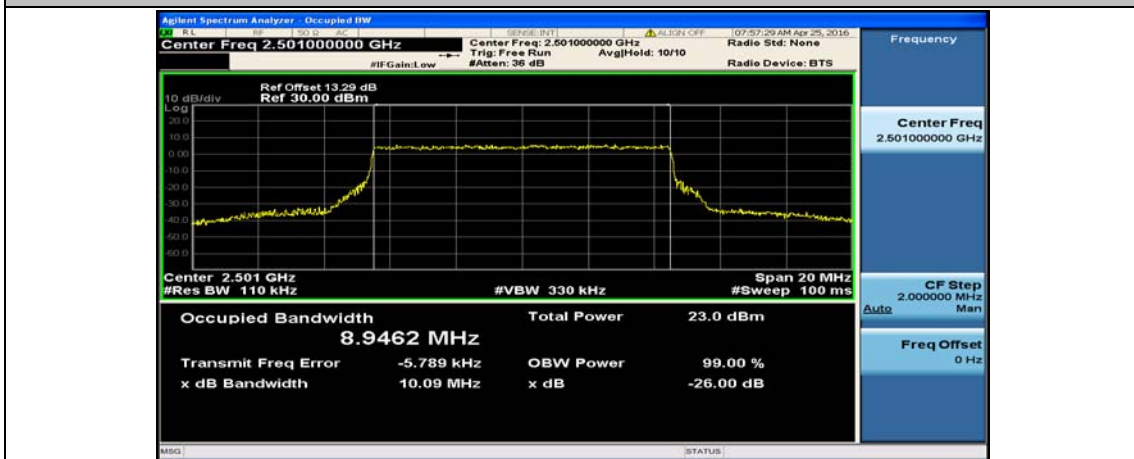


(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0

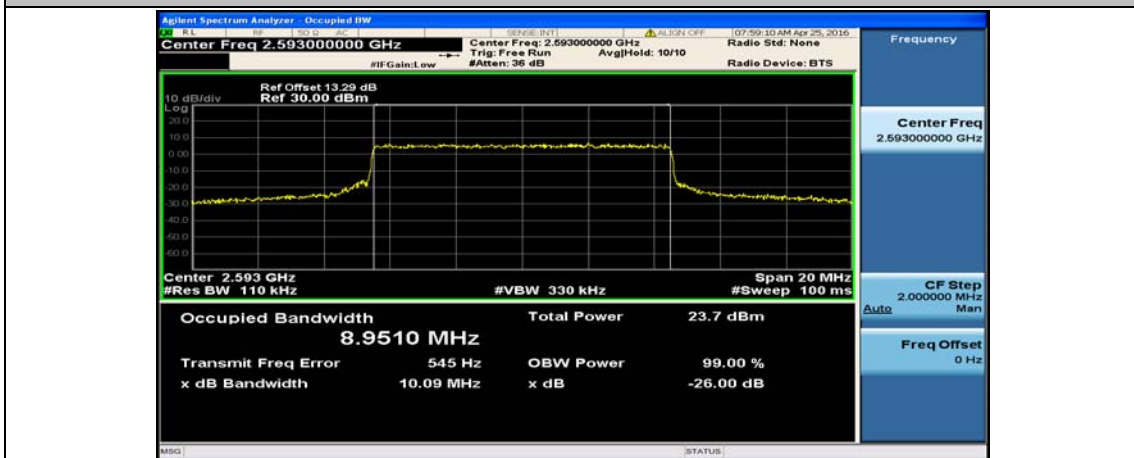


Channel Bandwidth: 10 MHz

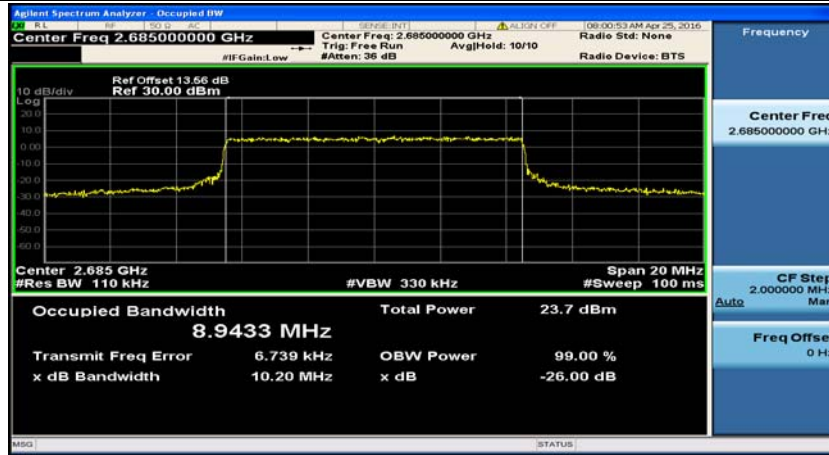
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



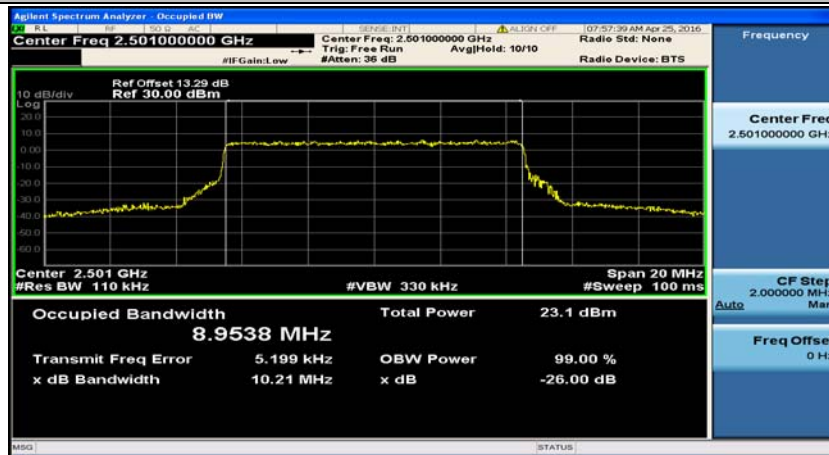
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



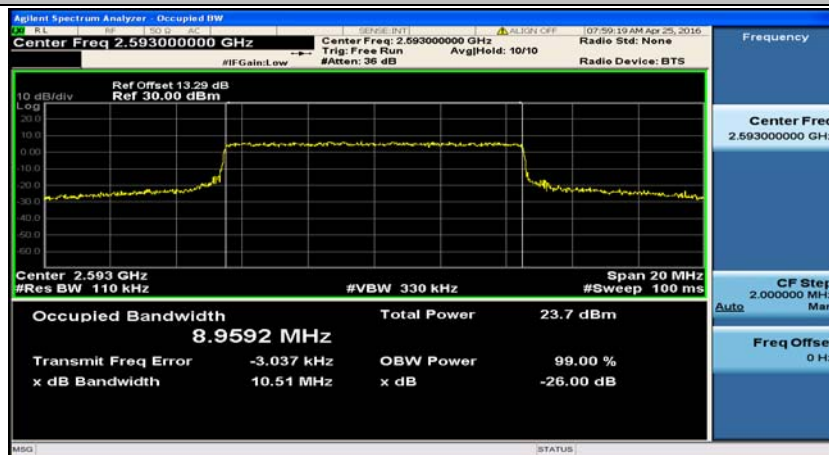
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



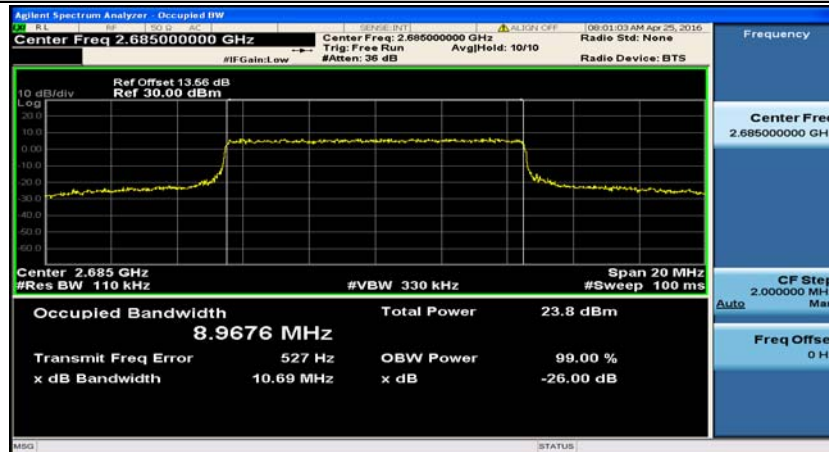
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

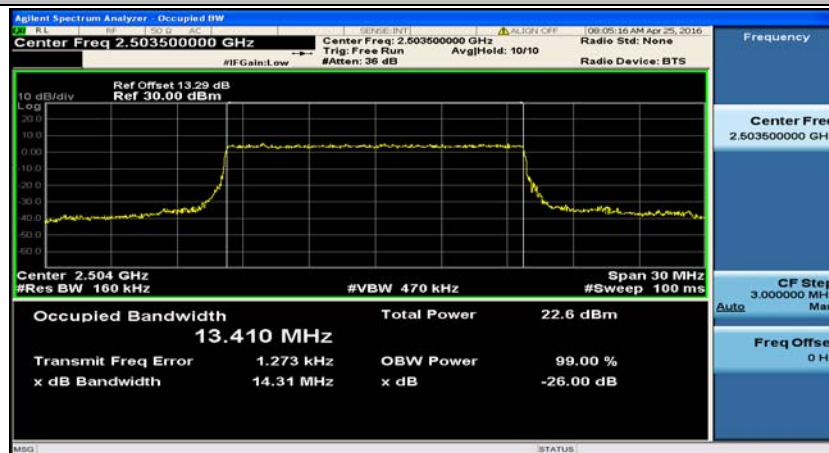


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

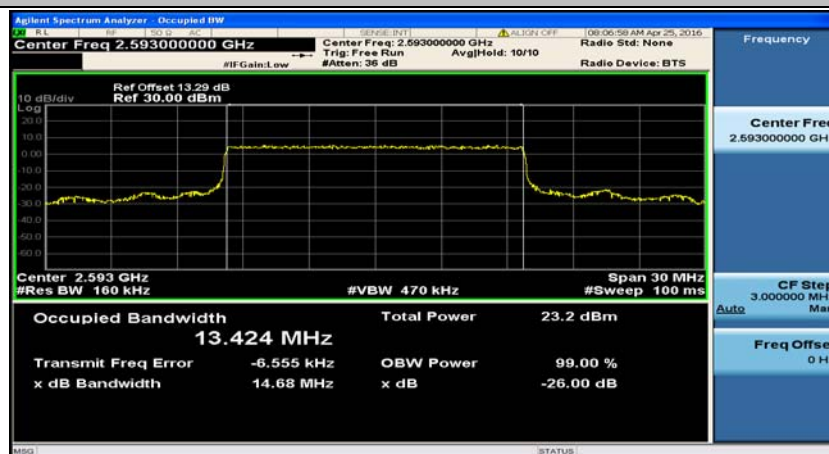


Channel Bandwidth: 15 MHz

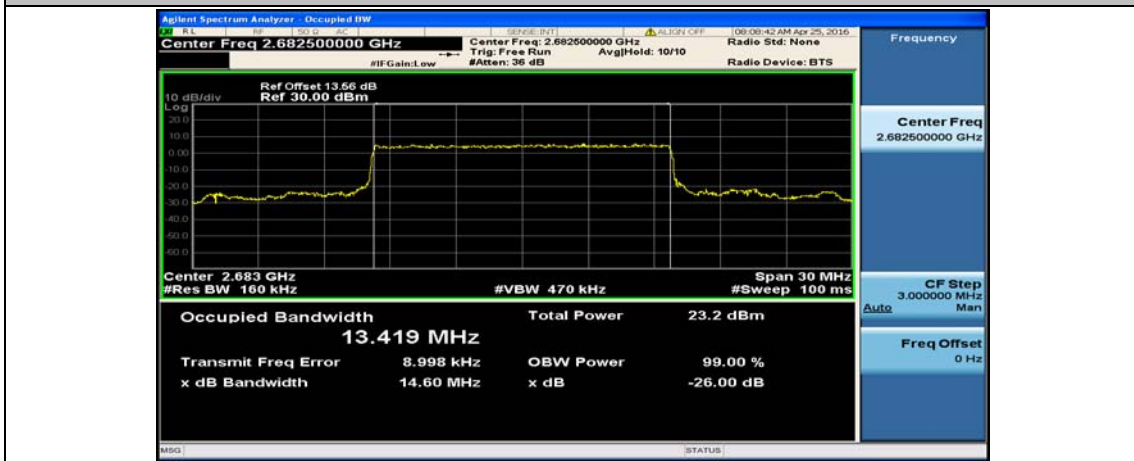
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



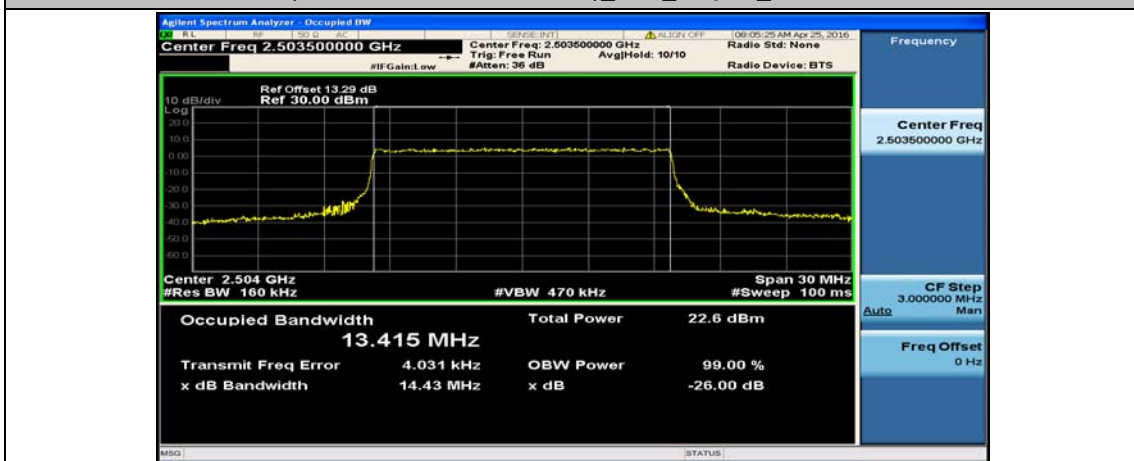
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



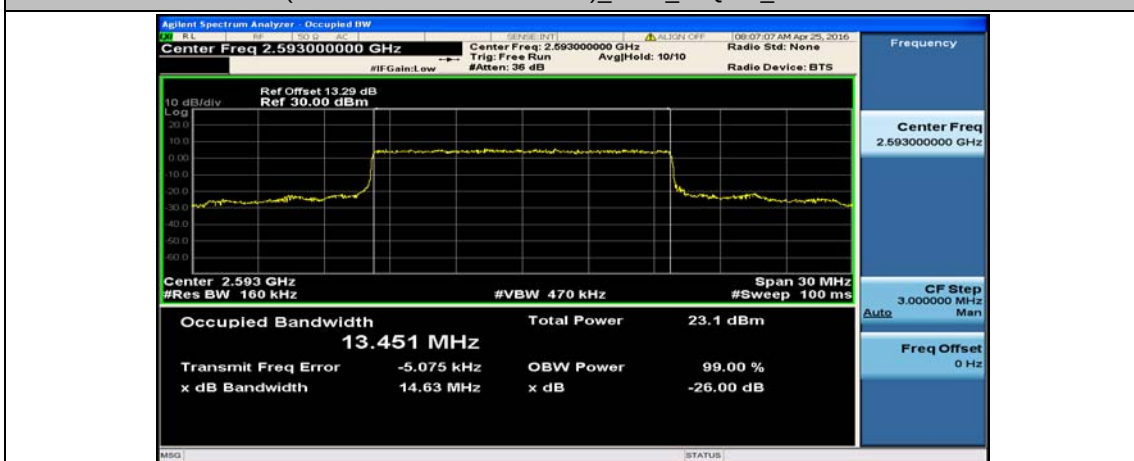
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



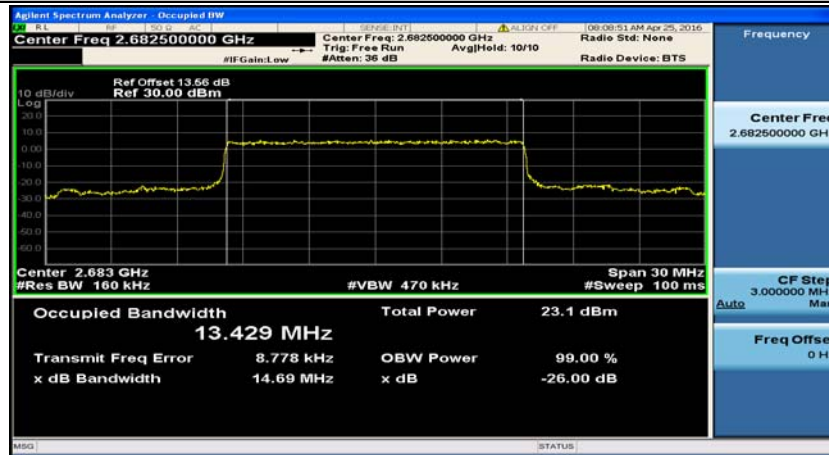
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

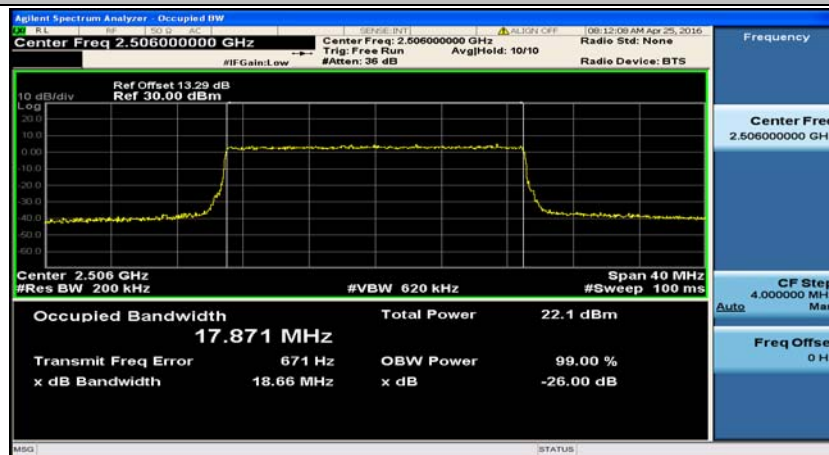


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

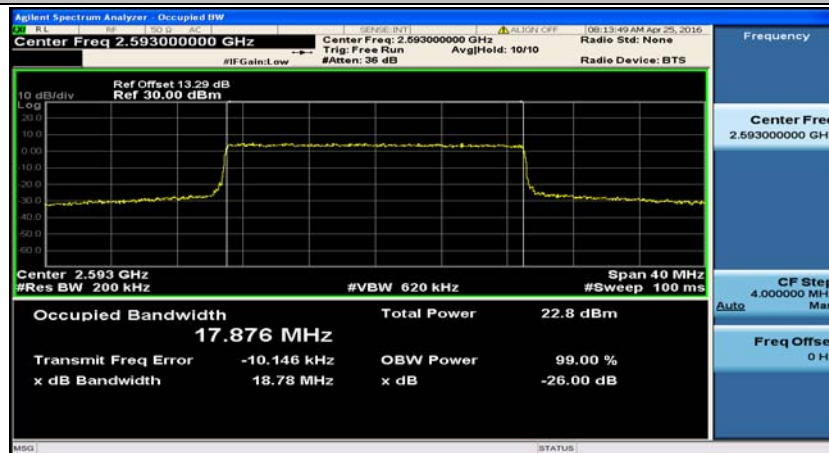


Channel Bandwidth: 20 MHz

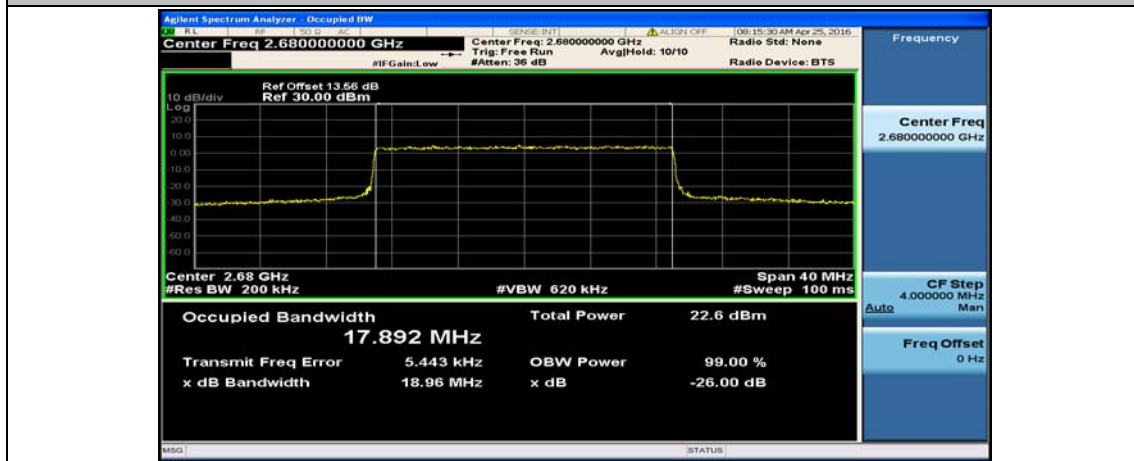
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



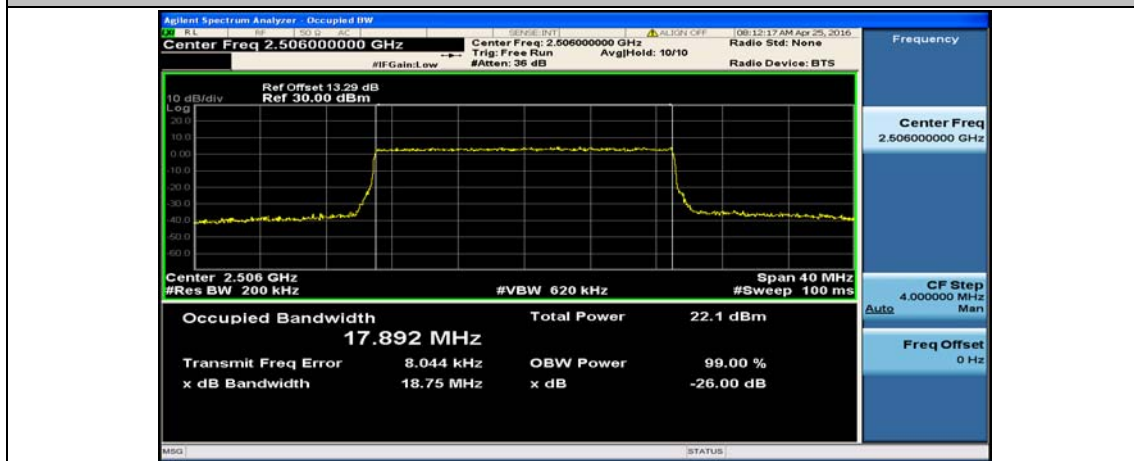
(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



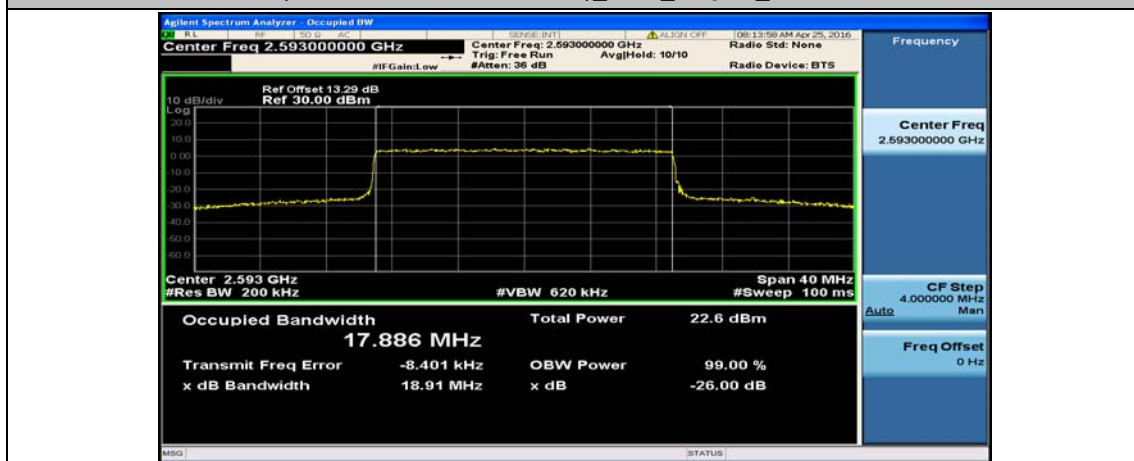
(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



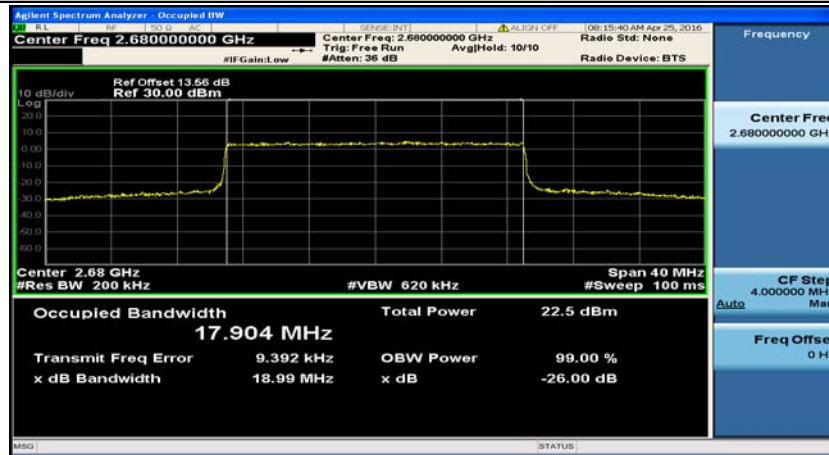
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



Appendix C: Band Edge

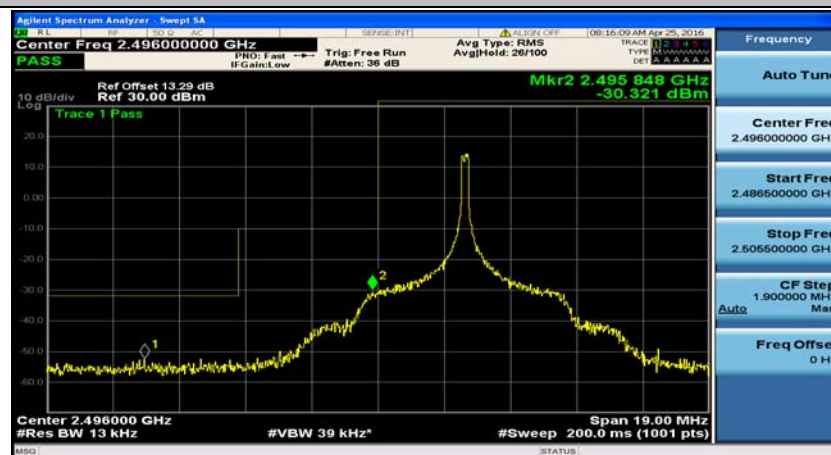
Test Graphs

Channel Bandwidth: 5 MHz

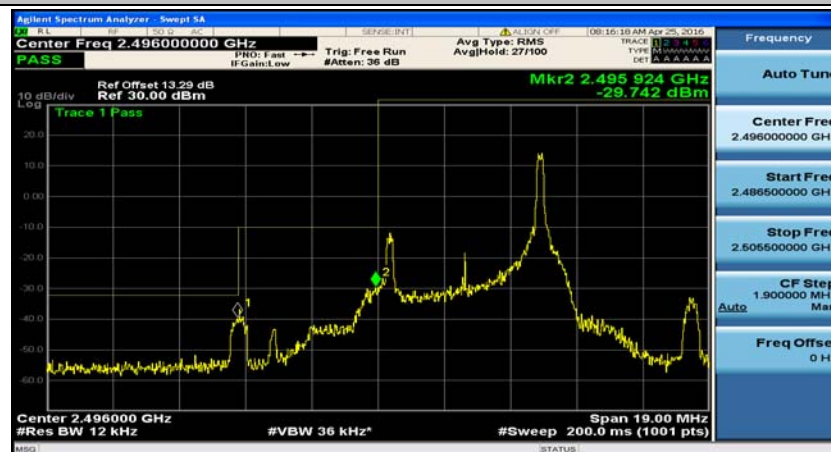
(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



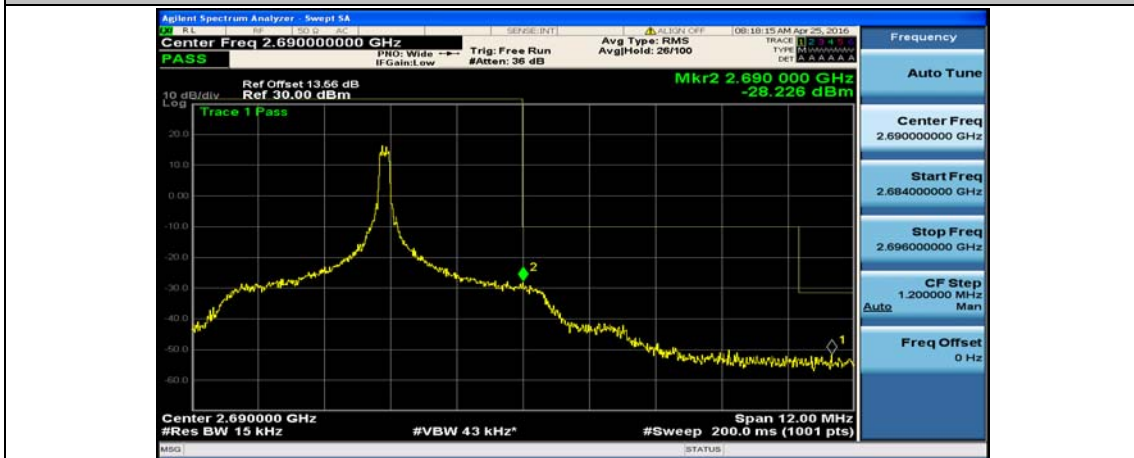
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(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6



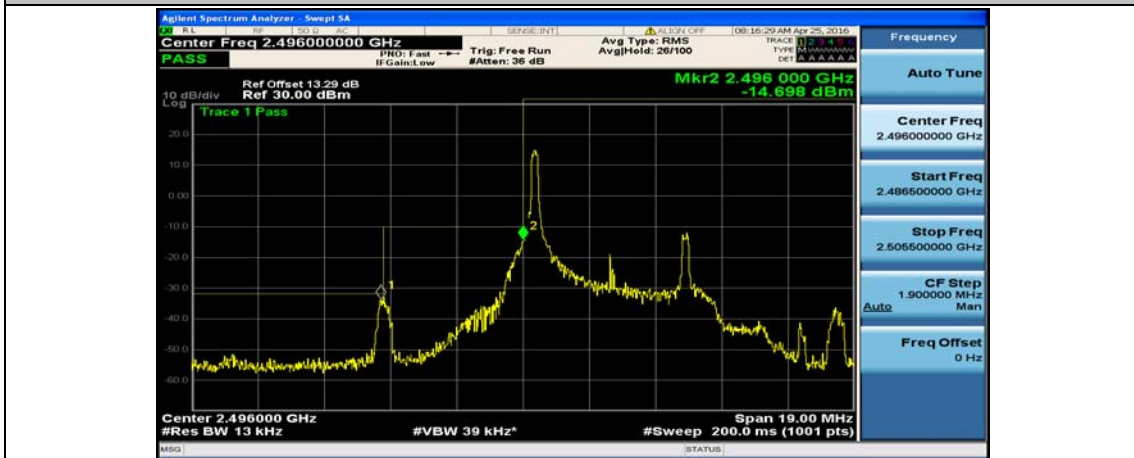
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13



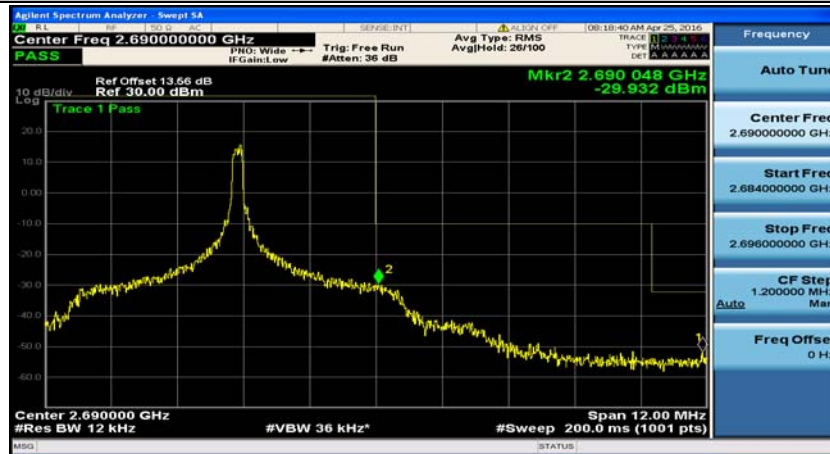
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



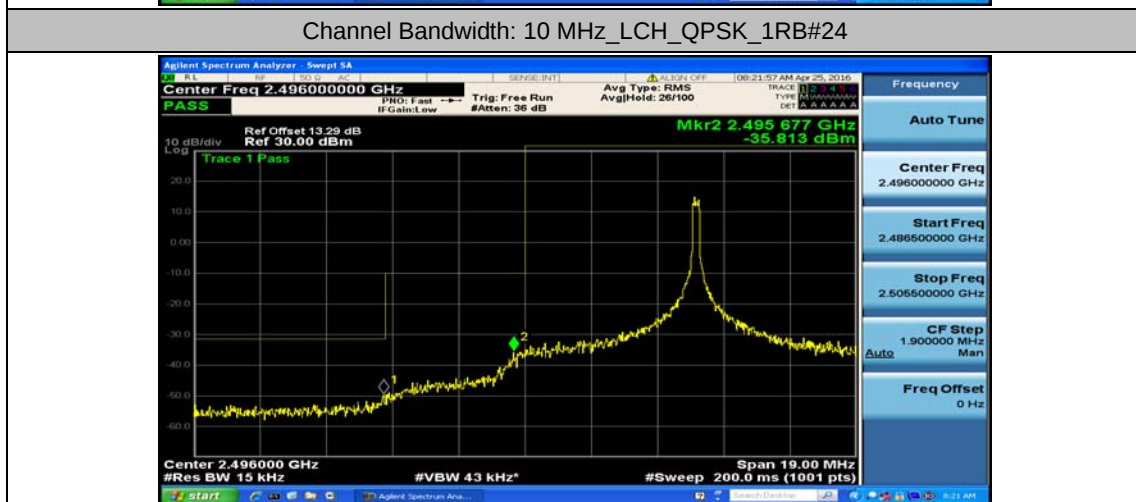
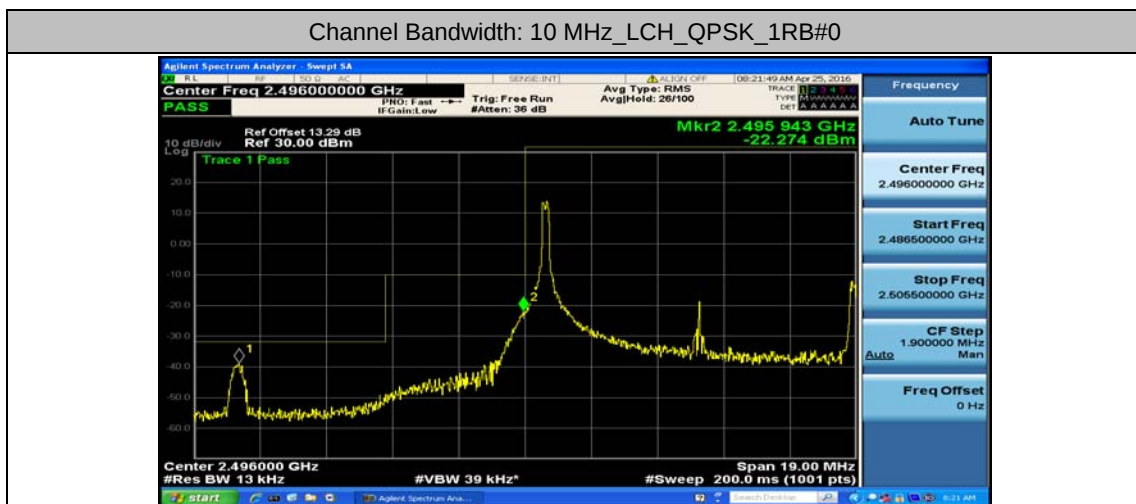
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz





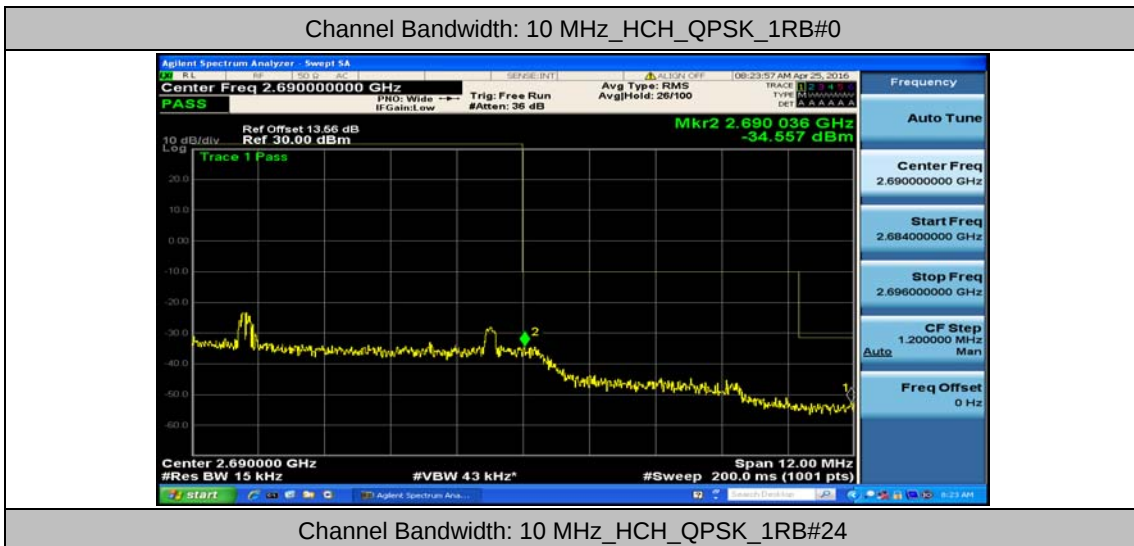
Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12

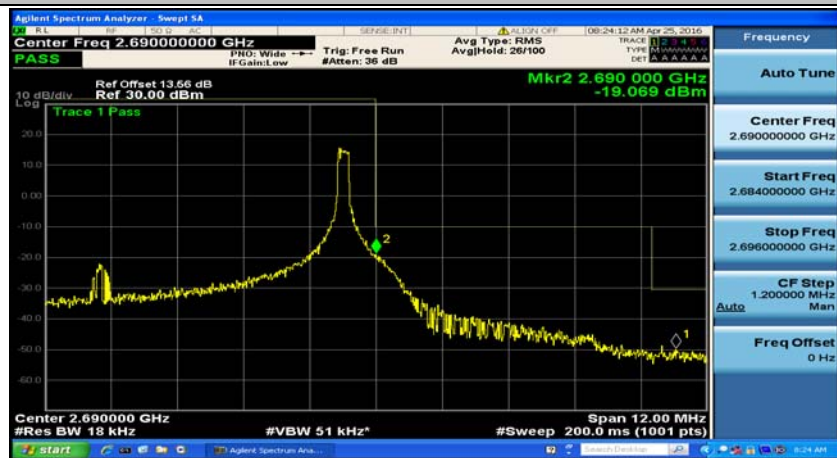


Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25





Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



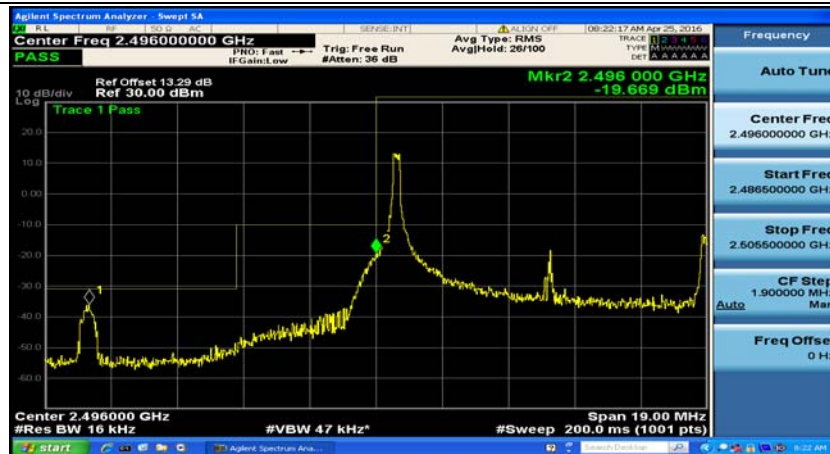
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25



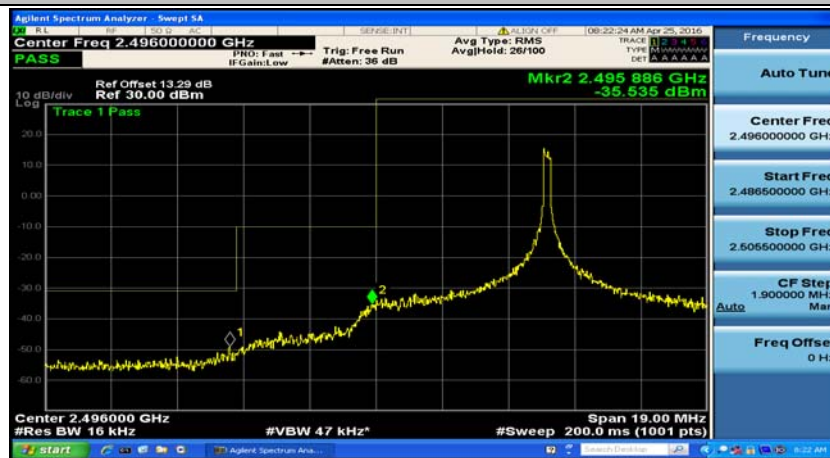
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0





Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



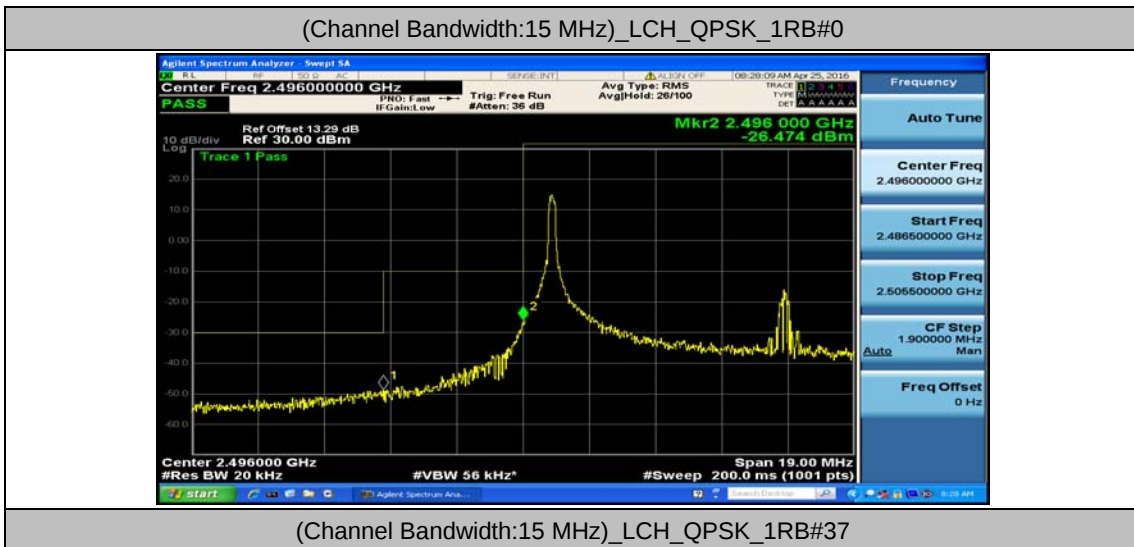
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 15 MHz





(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#18



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



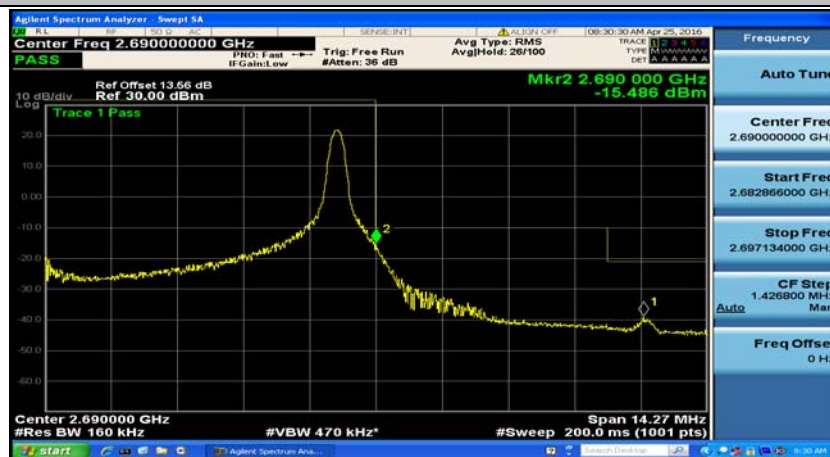
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#37



(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#18



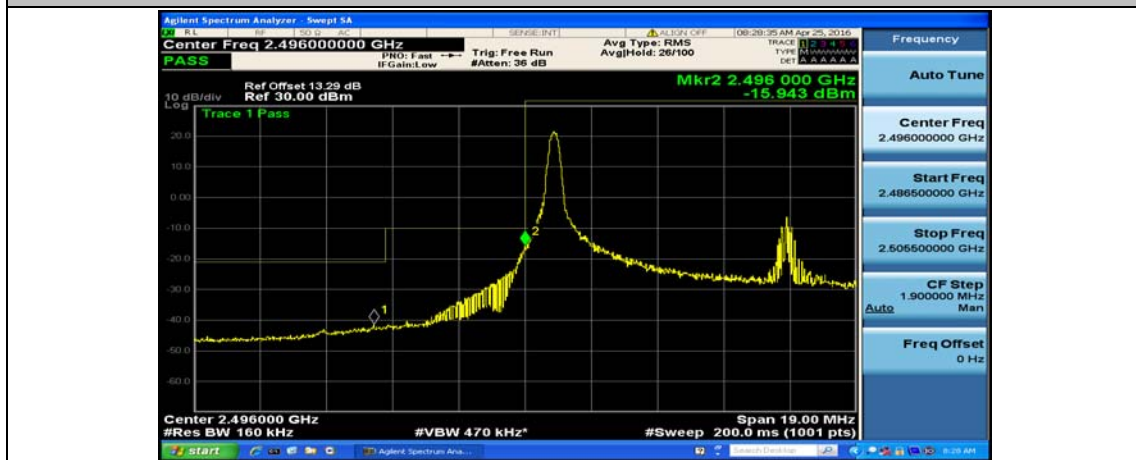
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



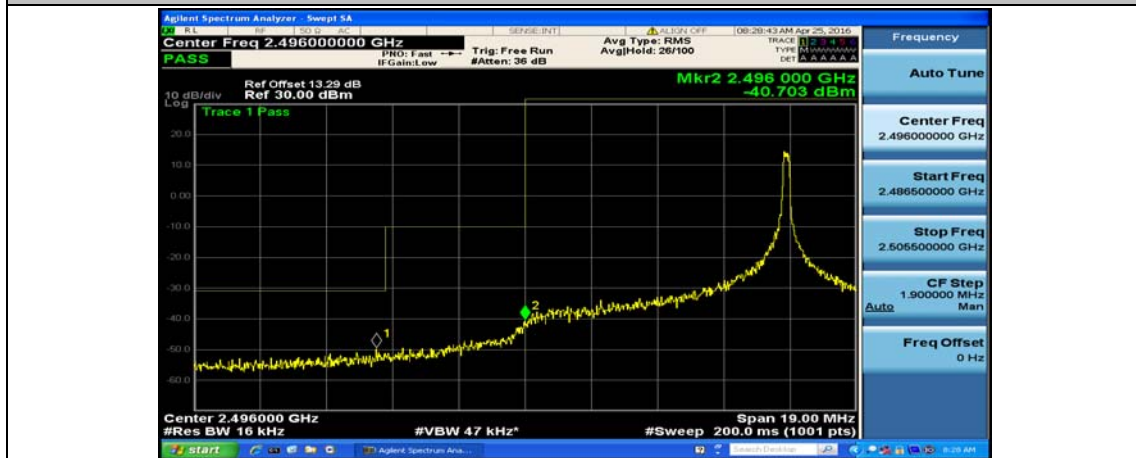
(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_LCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#38



(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#25



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#50



(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0