

Appendix for Band 41

Appendix A: Average Power Output Data

Test Result

Channel Bandwidth: 5 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	24.11	PASS
		1	12	23.88	PASS
		1	24	23.94	PASS
		12	0	23.88	PASS
		12	6	23.79	PASS
		12	13	23.78	PASS
		25	0	23.78	PASS
	MCH	1	0	22.72	PASS
		1	12	22.60	PASS
		1	24	22.58	PASS
		12	0	22.47	PASS
		12	6	22.43	PASS
		12	13	22.45	PASS
		25	0	22.42	PASS
	HCH	1	0	21.50	PASS
		1	12	21.41	PASS
		1	24	21.55	PASS
		12	0	21.27	PASS
		12	6	21.21	PASS
		12	13	21.27	PASS
		25	0	21.26	PASS
16QAM	LCH	1	0	24.85	PASS
		1	12	24.63	PASS
		1	24	24.68	PASS
		12	0	23.85	PASS
		12	6	23.80	PASS
		12	13	23.79	PASS
		25	0	23.76	PASS
	MCH	1	0	23.00	PASS
		1	12	22.84	PASS
		1	24	22.80	PASS
		12	0	22.46	PASS
		12	6	22.43	PASS
		12	13	22.38	PASS

		25	0	22.43	PASS
	HCH	1	0	21.77	PASS
		1	12	21.66	PASS
		1	24	21.79	PASS
		12	0	21.24	PASS
		12	6	21.19	PASS
		12	13	21.28	PASS
		25	0	21.24	PASS

Channel Bandwidth: 10 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	23.07	PASS
		1	24	23.05	PASS
		1	49	22.98	PASS
		25	0	23.01	PASS
		25	12	22.99	PASS
		25	25	22.95	PASS
		50	0	22.97	PASS
	MCH	1	0	22.53	PASS
		1	24	22.45	PASS
		1	49	22.35	PASS
		25	0	22.42	PASS
		25	12	22.42	PASS
		25	25	22.30	PASS
		50	0	22.37	PASS
	HCH	1	0	21.15	PASS
		1	24	21.13	PASS
		1	49	21.20	PASS
		25	0	21.13	PASS
		25	12	21.13	PASS
		25	25	21.14	PASS
		50	0	21.11	PASS
16QAM	LCH	1	0	23.43	PASS
		1	24	23.34	PASS
		1	49	23.29	PASS
		25	0	23.01	PASS
		25	12	22.99	PASS
		25	25	22.93	PASS
		50	0	23.00	PASS
	MCH	1	0	23.05	PASS
		1	24	22.89	PASS

		1	49	22.71	PASS
		25	0	22.44	PASS
		25	12	22.42	PASS
		25	25	22.35	PASS
		50	0	22.43	PASS
	HCH	1	0	21.29	PASS
		1	24	21.25	PASS
		1	49	21.38	PASS
		25	0	21.09	PASS
		25	12	21.13	PASS
		25	25	21.10	PASS
		50	0	21.10	PASS

Channel Bandwidth: 15 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.98	PASS
		1	37	22.72	PASS
		1	74	22.82	PASS
		37	0	22.71	PASS
		37	18	22.68	PASS
		37	38	22.59	PASS
		75	0	22.61	PASS
	MCH	1	0	22.51	PASS
		1	37	22.16	PASS
		1	74	22.12	PASS
		37	0	22.21	PASS
		37	18	22.15	PASS
		37	38	22.03	PASS
		75	0	22.06	PASS
	HCH	1	0	21.02	PASS
		1	37	20.77	PASS
		1	74	21.02	PASS
		37	0	20.74	PASS
		37	18	20.77	PASS
		37	38	20.74	PASS
		75	0	20.71	PASS
16QAM	LCH	1	0	23.54	PASS
		1	37	23.20	PASS
		1	74	23.29	PASS
		37	0	22.73	PASS
		37	18	22.71	PASS

		37	38	22.60	PASS
		75	0	22.62	PASS
	MCH	1	0	22.78	PASS
		1	37	22.50	PASS
		1	74	22.52	PASS
		37	0	22.16	PASS
		37	18	22.10	PASS
		37	38	21.99	PASS
		75	0	22.08	PASS
		75	0	22.08	PASS
	HCH	1	0	21.33	PASS
		1	37	21.11	PASS
		1	74	21.20	PASS
		37	0	20.76	PASS
		37	18	20.76	PASS
		37	38	20.77	PASS
		75	0	20.73	PASS

Channel Bandwidth: 20 MHz

Modulation	Channel	RB Configuration		Average Power [dBm]	Verdict
		Size	Offset		
QPSK	LCH	1	0	22.55	PASS
		1	49	22.49	PASS
		1	99	22.25	PASS
		50	0	22.22	PASS
		50	25	22.24	PASS
		50	50	22.07	PASS
		100	0	22.14	PASS
	MCH	1	0	22.09	PASS
		1	49	22.06	PASS
		1	99	21.69	PASS
		50	0	21.77	PASS
		50	25	21.78	PASS
		50	50	21.58	PASS
		100	0	21.69	PASS
	HCH	1	0	21.54	PASS
		1	49	21.56	PASS
		1	99	21.53	PASS
		50	0	21.23	PASS
		50	25	21.31	PASS
		50	50	21.23	PASS
		100	0	21.26	PASS
16QAM	LCH	1	0	23.27	PASS

		1	49	23.18	PASS
		1	99	22.92	PASS
		50	0	22.25	PASS
		50	25	22.23	PASS
		50	50	22.08	PASS
		100	0	22.14	PASS
	MCH	1	0	22.70	PASS
		1	49	22.36	PASS
		1	99	22.06	PASS
		50	0	21.80	PASS
		50	25	21.83	PASS
		50	50	21.65	PASS
		100	0	21.71	PASS
	HCH	1	0	21.06	PASS
		1	49	20.93	PASS
		1	99	20.86	PASS
		50	0	20.96	PASS
		50	25	20.83	PASS
		50	50	20.75	PASS
		100	0	20.89	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	4.4796	5.260	PASS
	MCH	25	0	4.4750	4.992	PASS
	HCH	25	0	4.4756	5.160	PASS
16QAM	LCH	25	0	4.4877	5.117	PASS
	MCH	25	0	4.4811	5.306	PASS
	HCH	25	0	4.4947	5.297	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	8.9401	9.987	PASS
	MCH	50	0	8.9367	10.11	PASS
	HCH	50	0	8.9482	9.907	PASS
16QAM	LCH	50	0	8.9304	9.990	PASS
	MCH	50	0	8.9446	9.981	PASS
	HCH	50	0	8.9472	9.942	PASS

Channel Bandwidth: 15 MHz

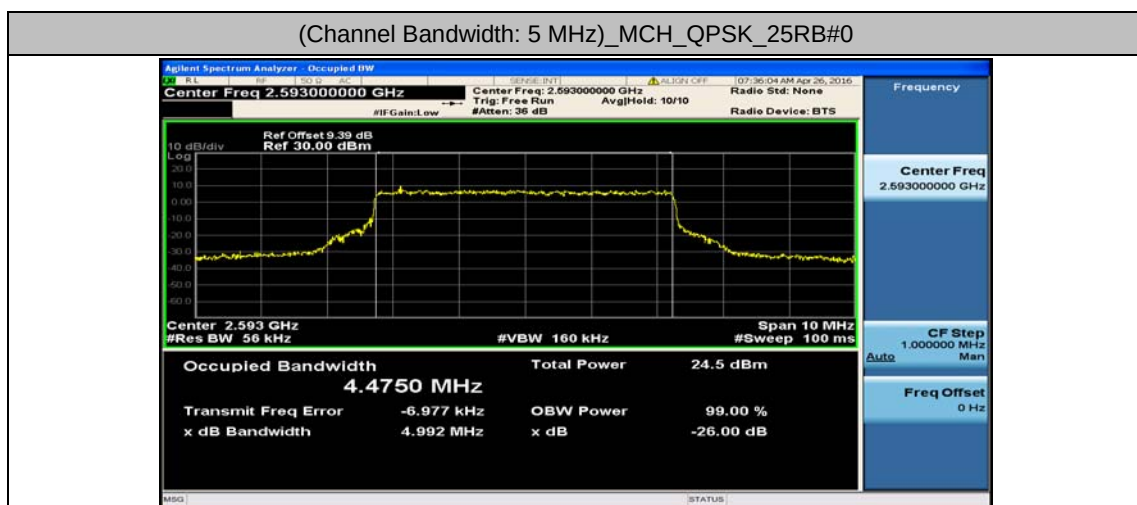
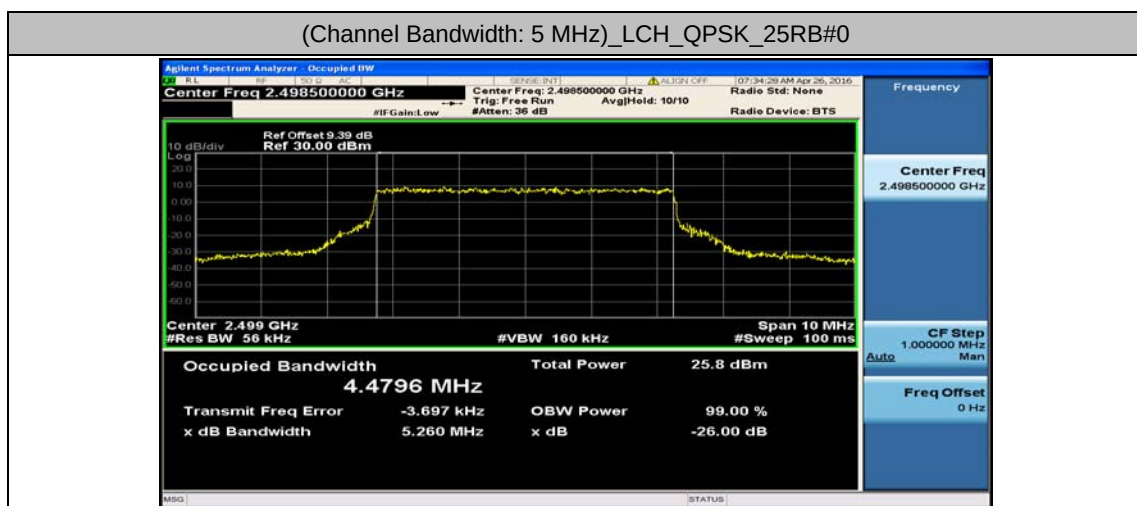
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.415	14.17	PASS
	MCH	75	0	13.401	14.22	PASS
	HCH	75	0	13.408	14.31	PASS
16QAM	LCH	75	0	13.409	14.13	PASS
	MCH	75	0	13.421	14.19	PASS
	HCH	75	0	13.419	14.14	PASS

Channel Bandwidth: 20 MHz

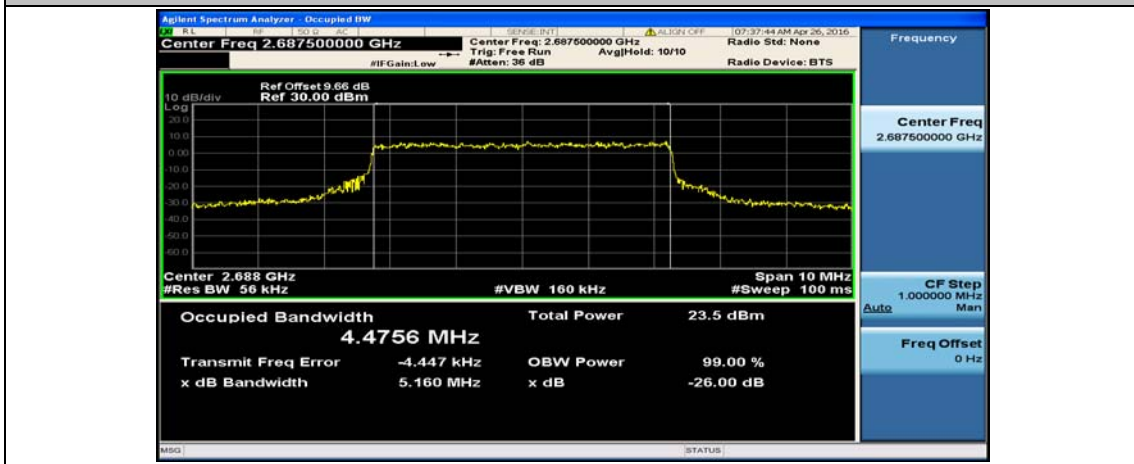
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.878	18.74	PASS
	MCH	100	0	17.836	18.70	PASS
	HCH	100	0	17.864	18.77	PASS
16QAM	LCH	100	0	17.860	18.92	PASS
	MCH	100	0	17.876	19.02	PASS
	HCH	100	0	17.875	18.87	PASS

Test Graphs

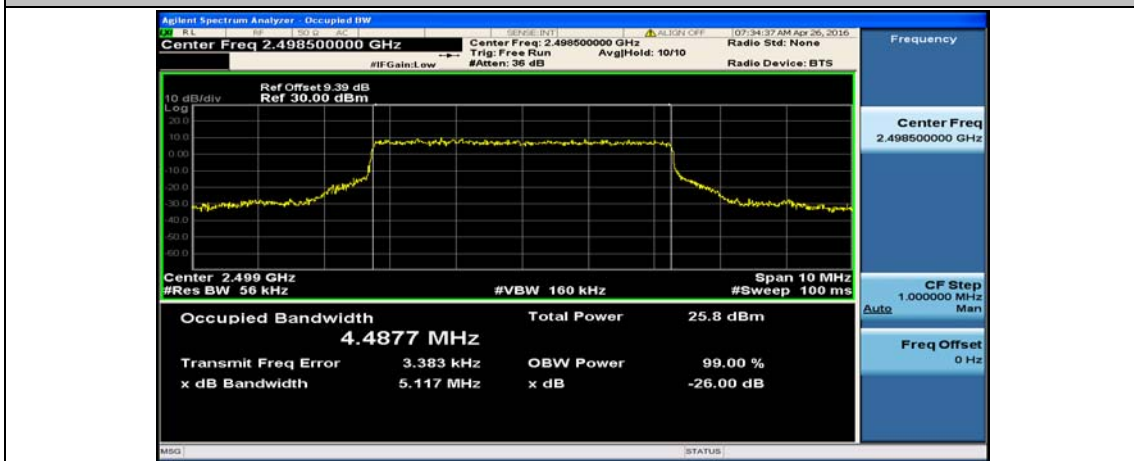
Channel Bandwidth: 5 MHz



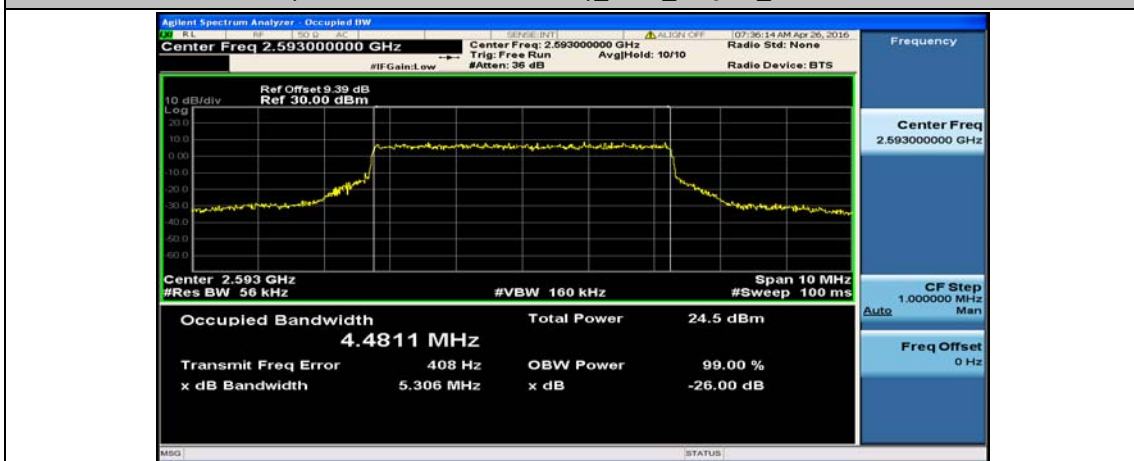
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



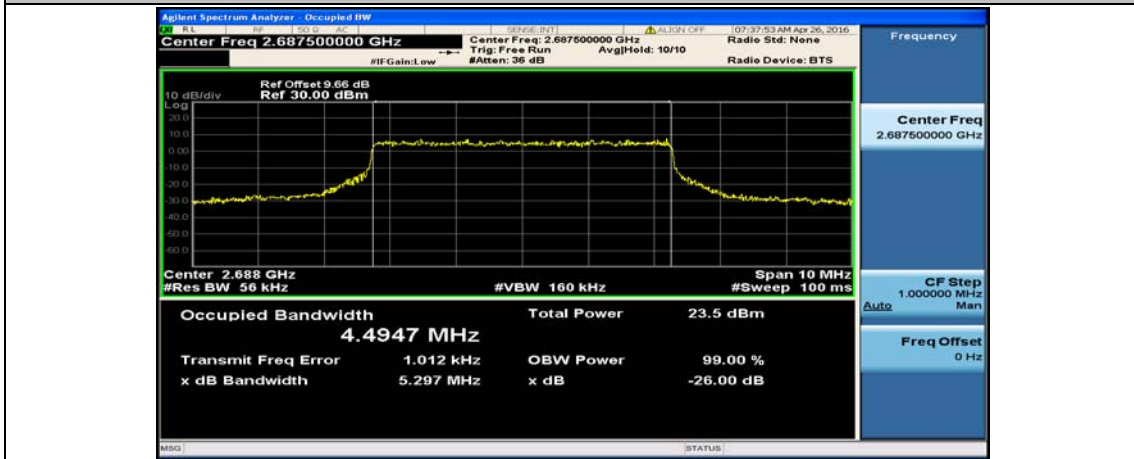
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



Channel Bandwidth: 10 MHz

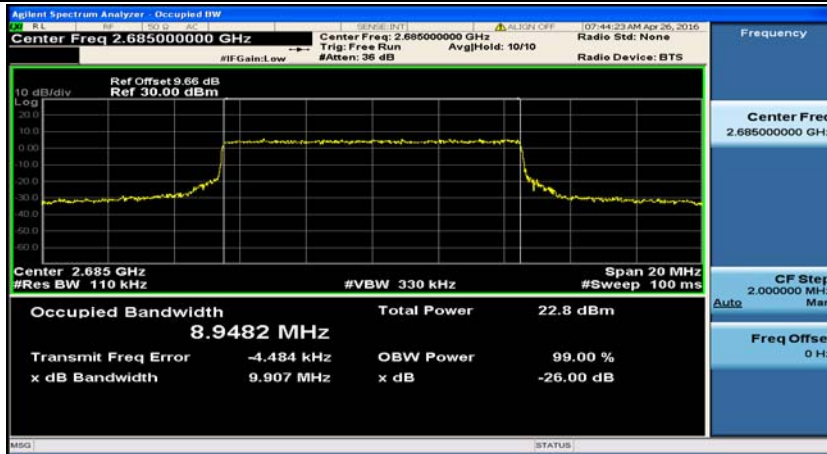
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



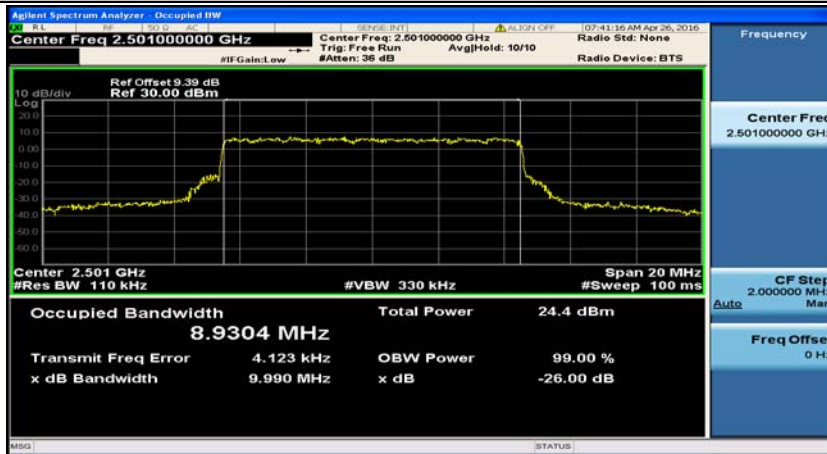
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



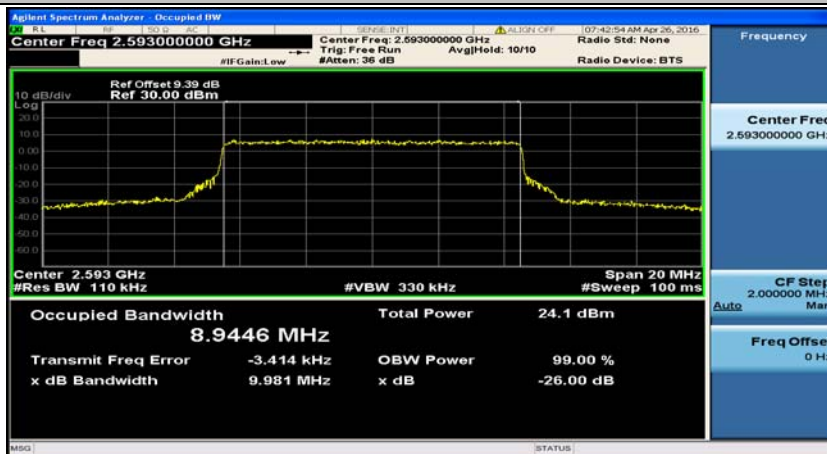
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



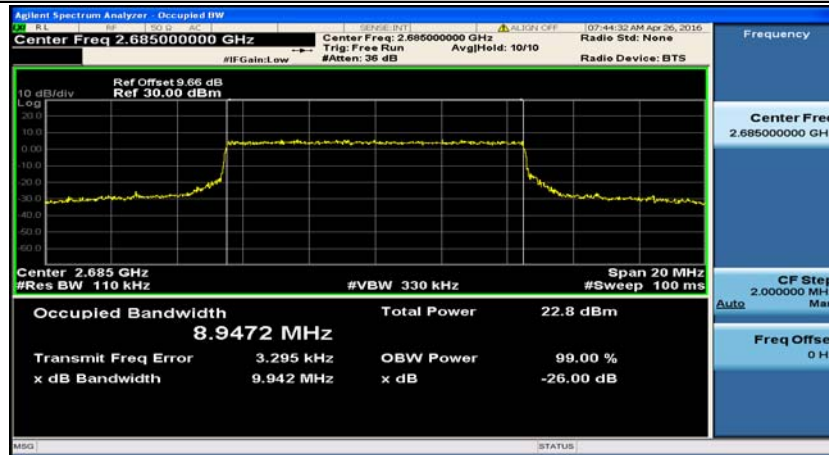
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

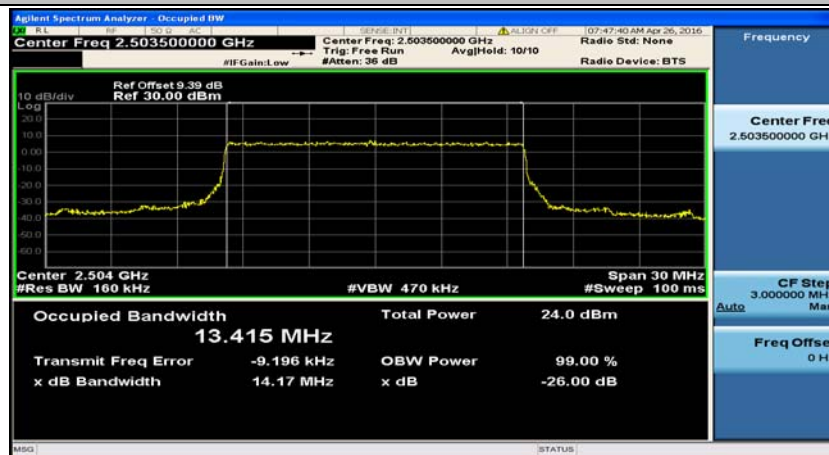


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

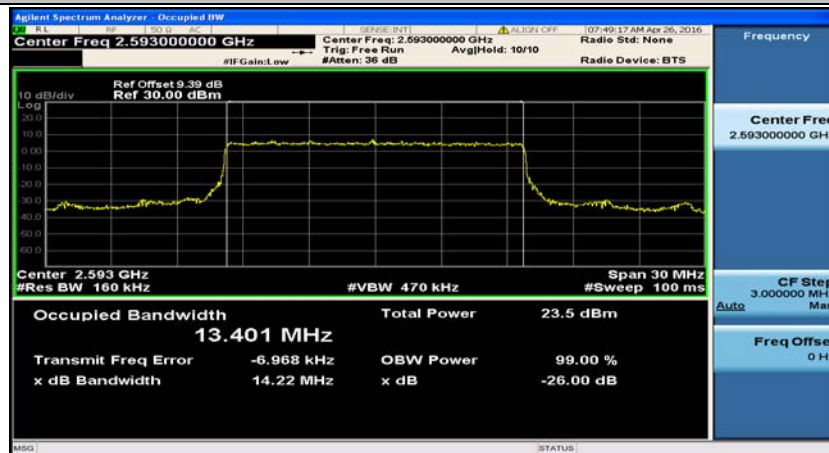


Channel Bandwidth: 15 MHz

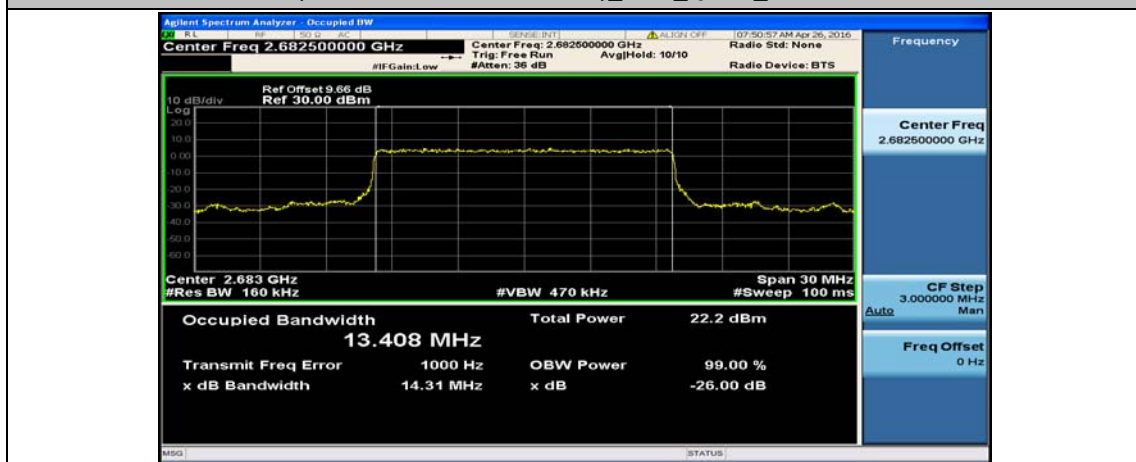
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



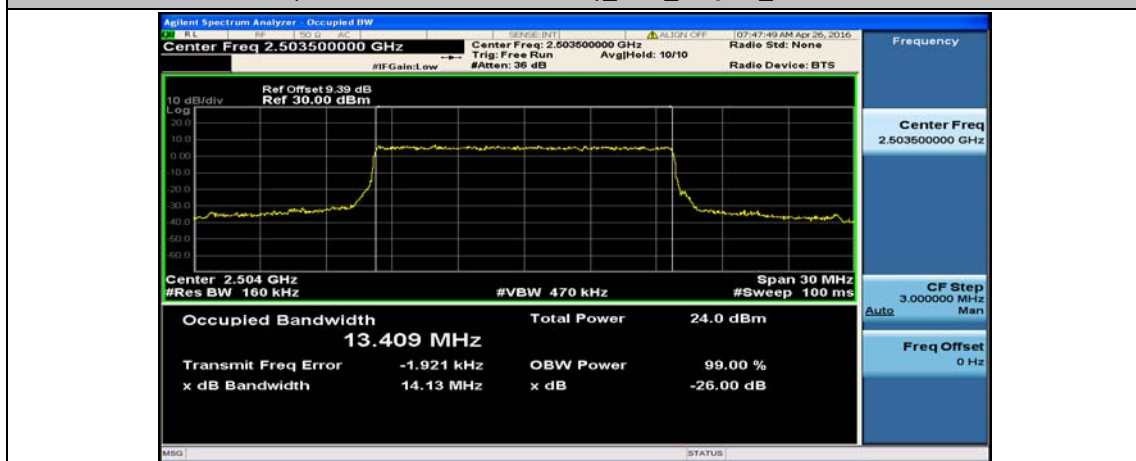
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



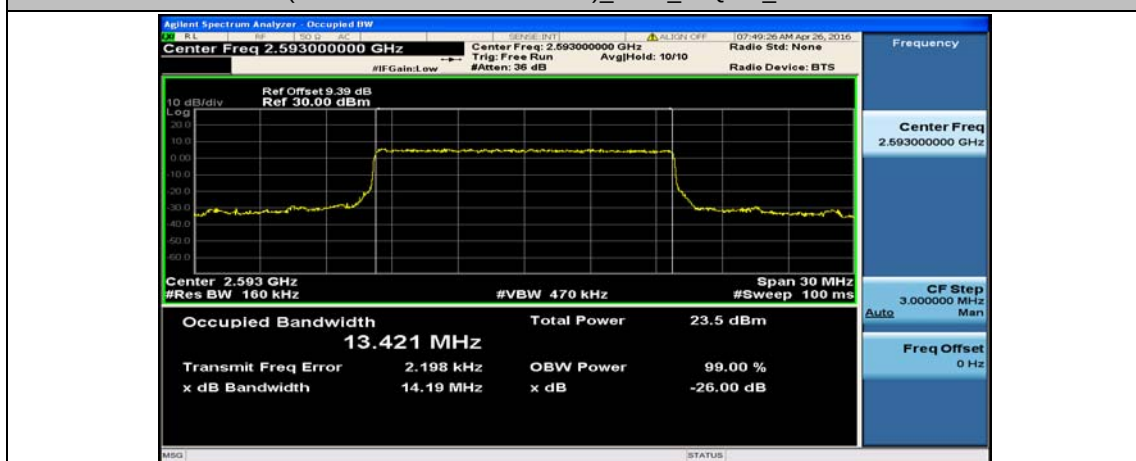
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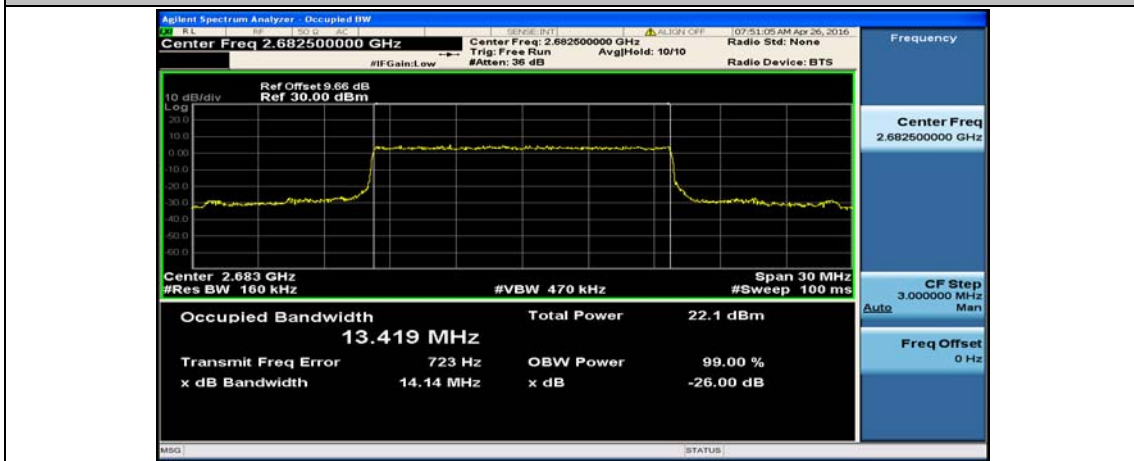
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(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0

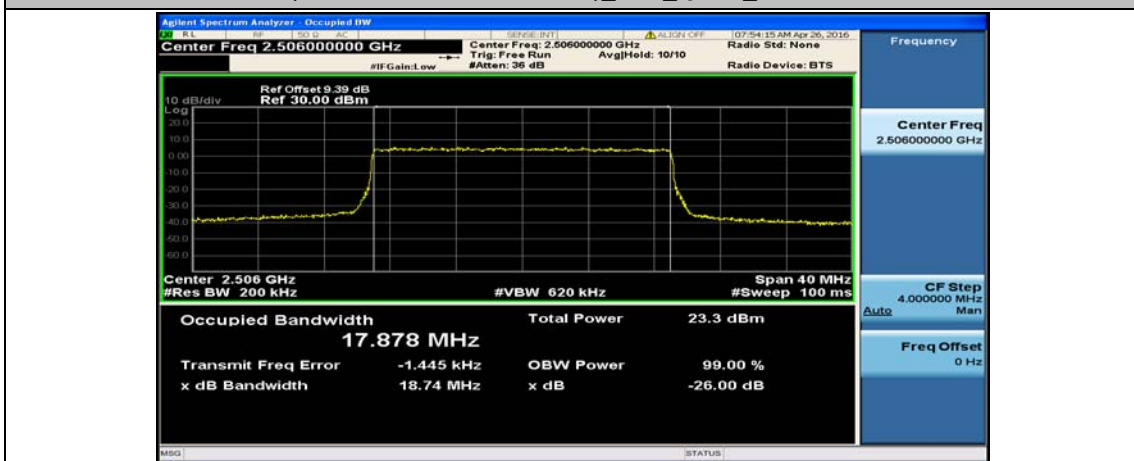


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

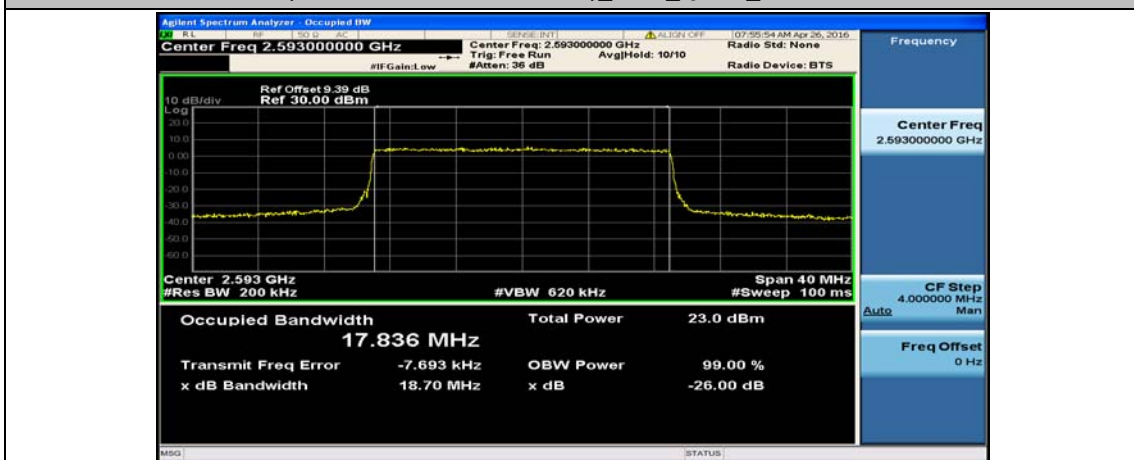


Channel Bandwidth: 20 MHz

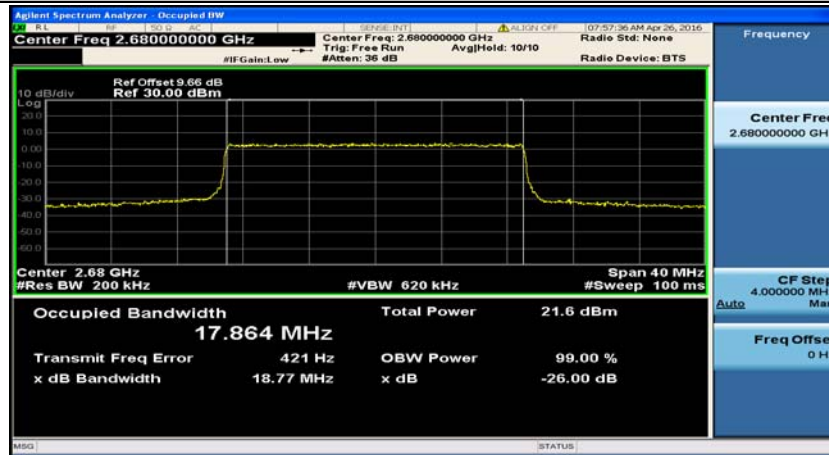
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



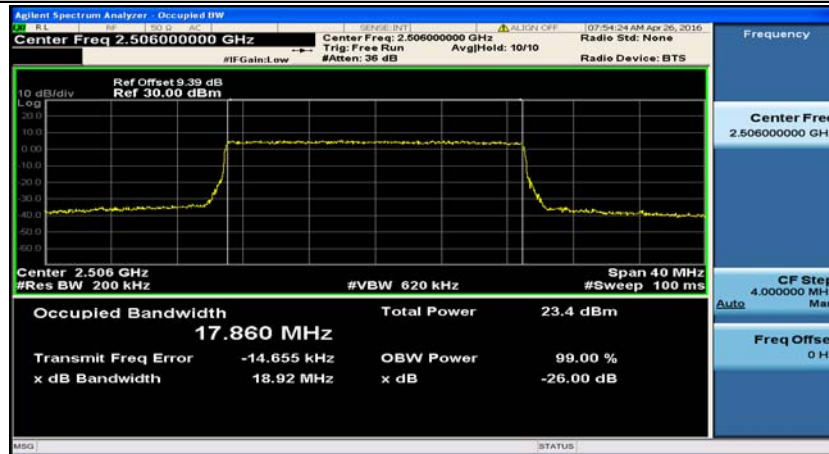
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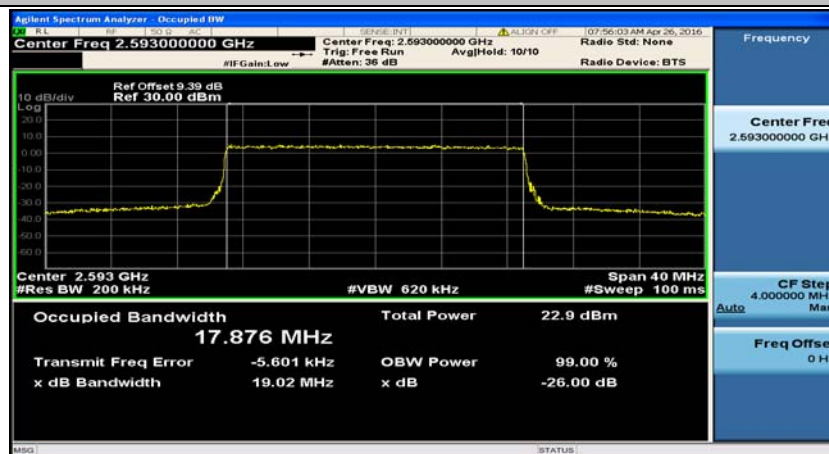
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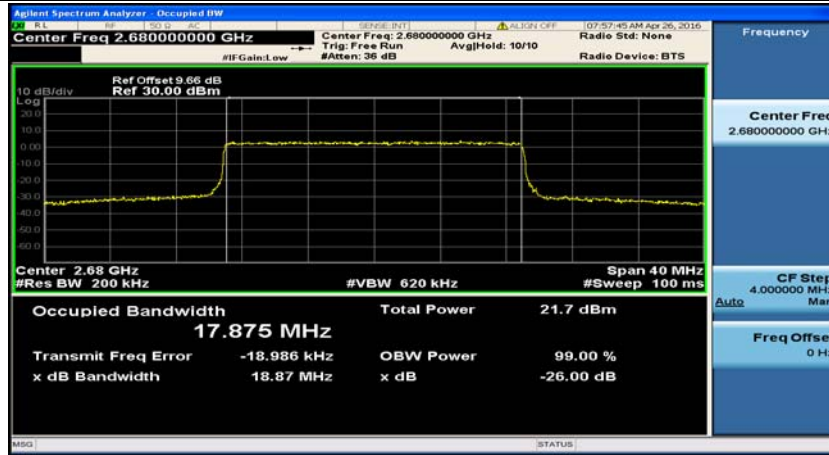
(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0



Appendix C: Band Edge

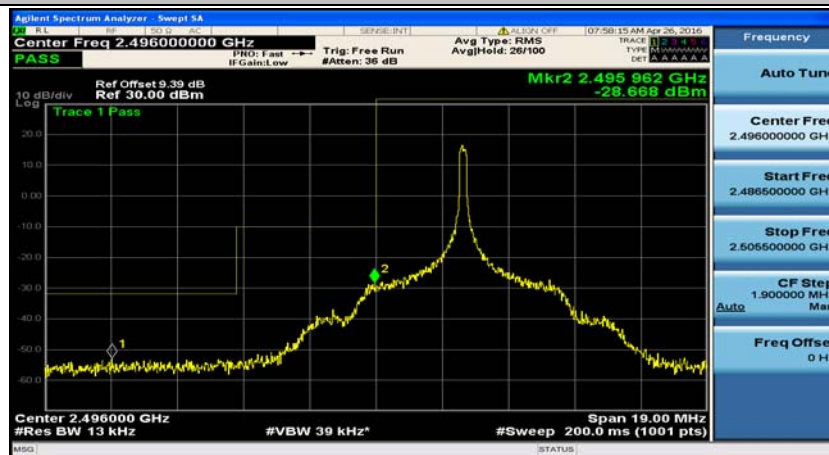
Test Graphs

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



(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(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



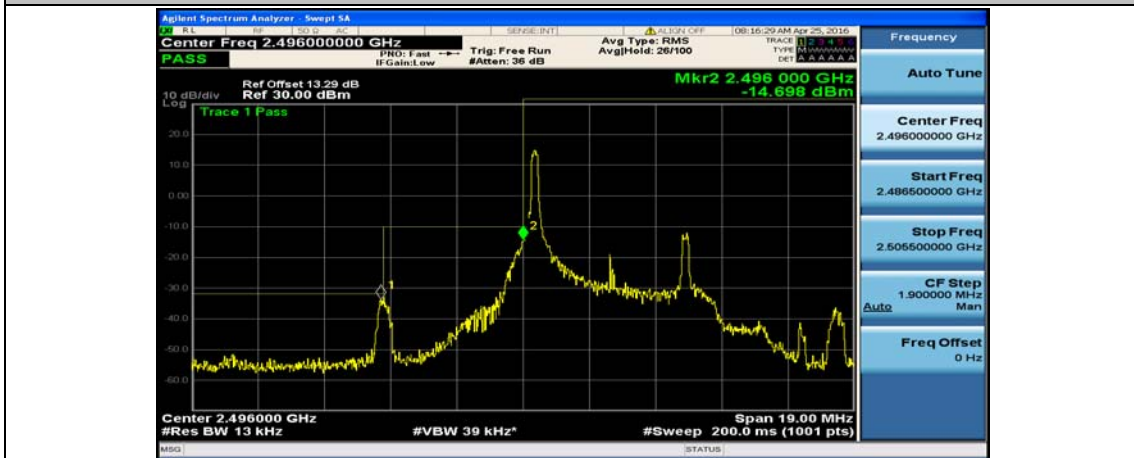
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13



(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12



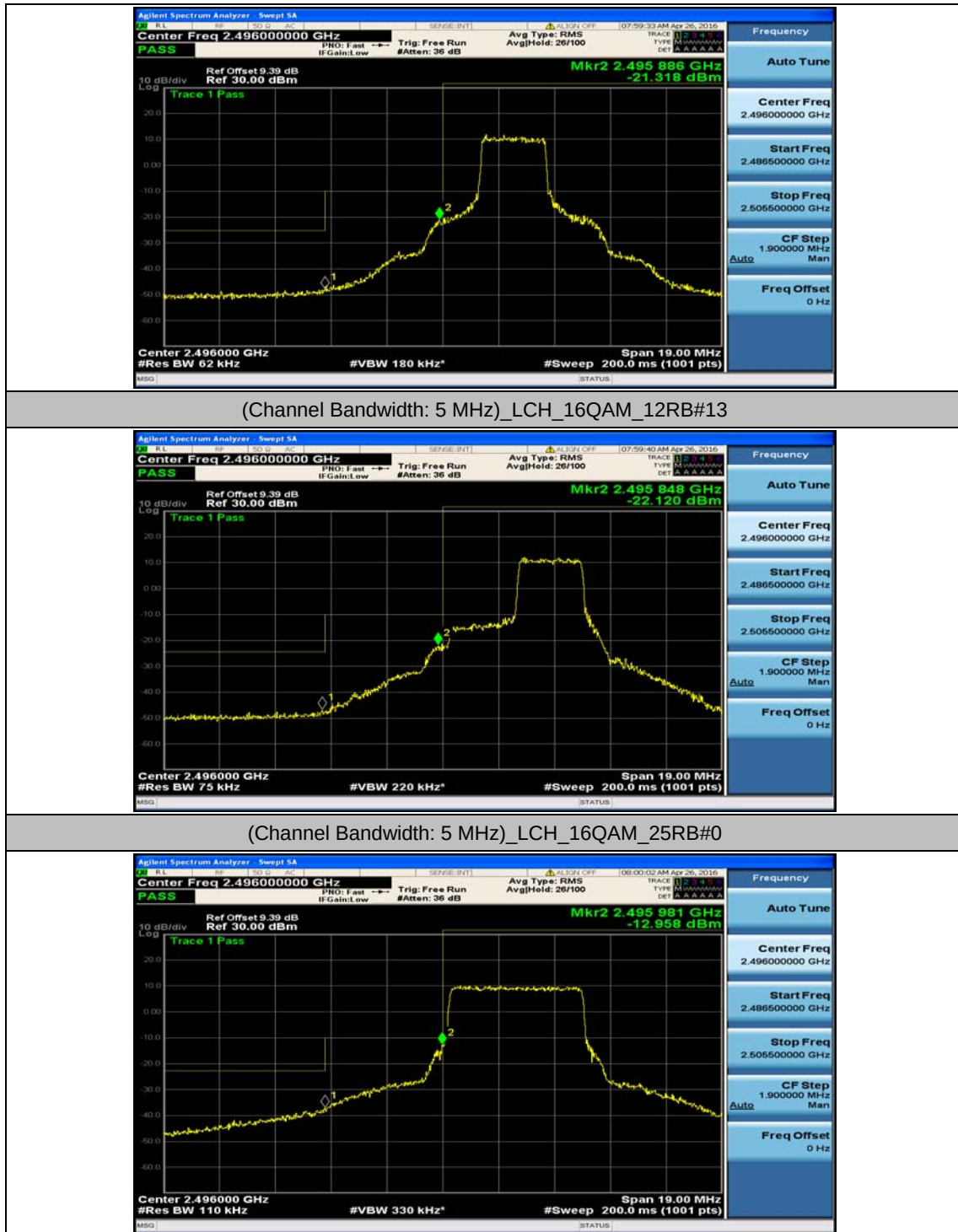
(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0



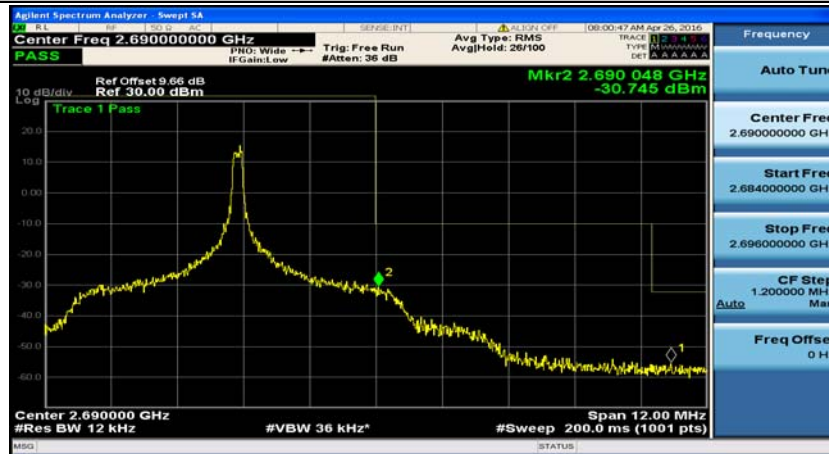
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6



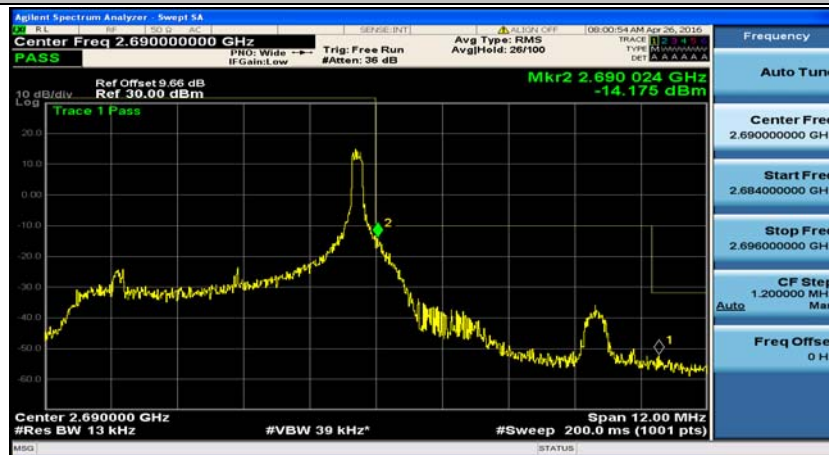
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(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



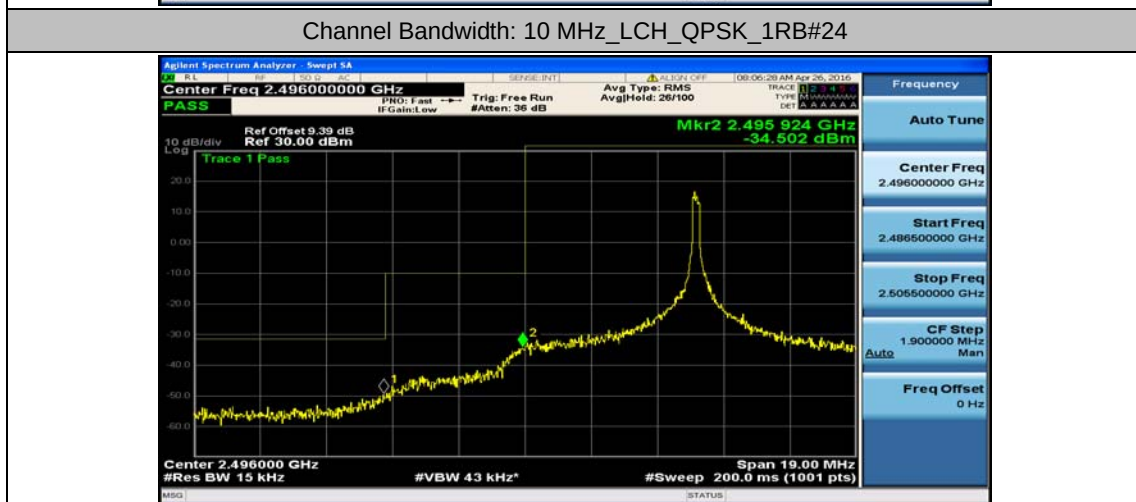
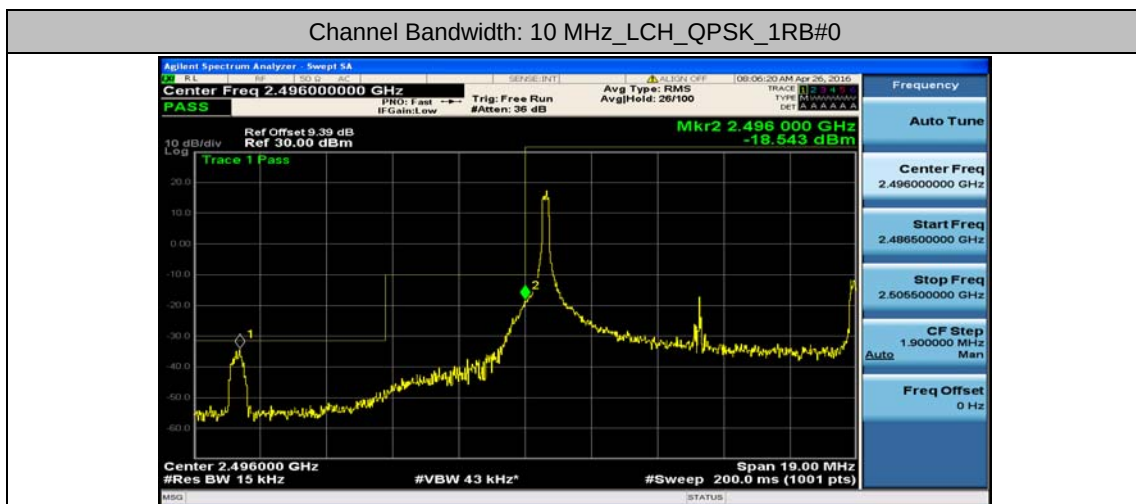
(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13



(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



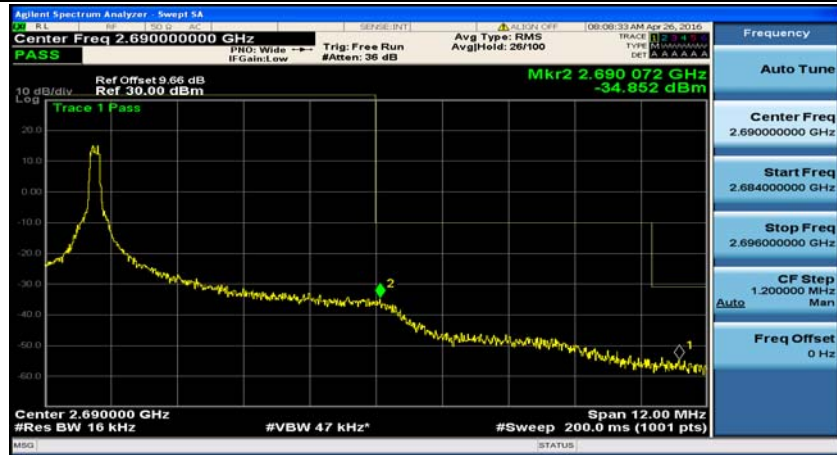
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0



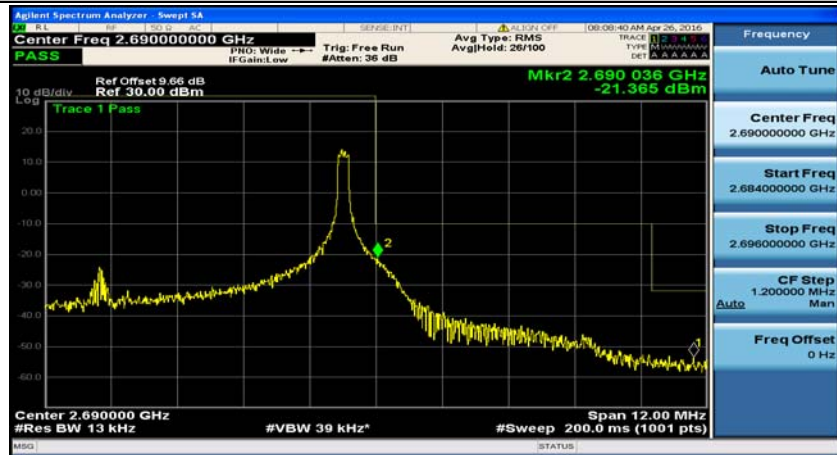
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24



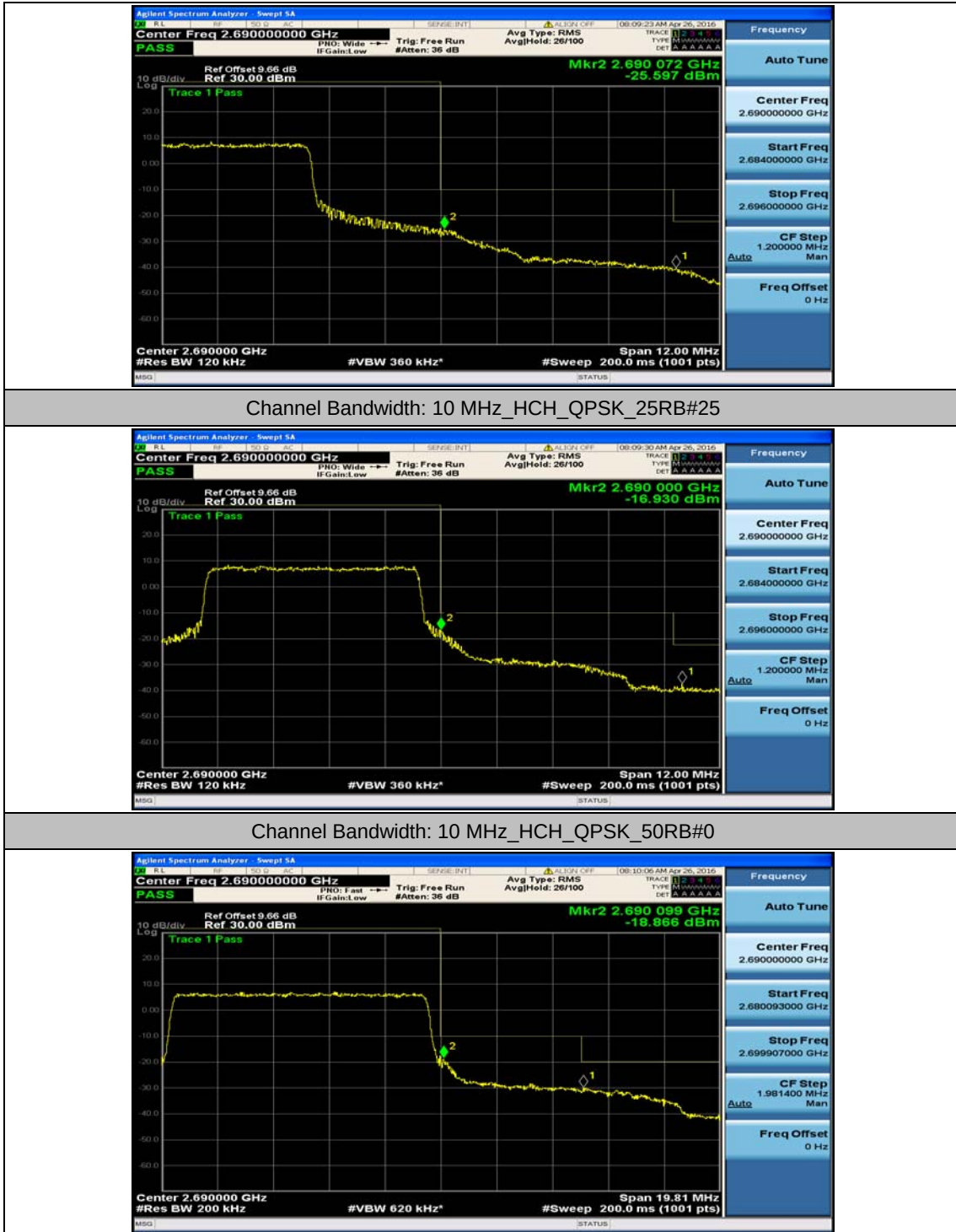
Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49



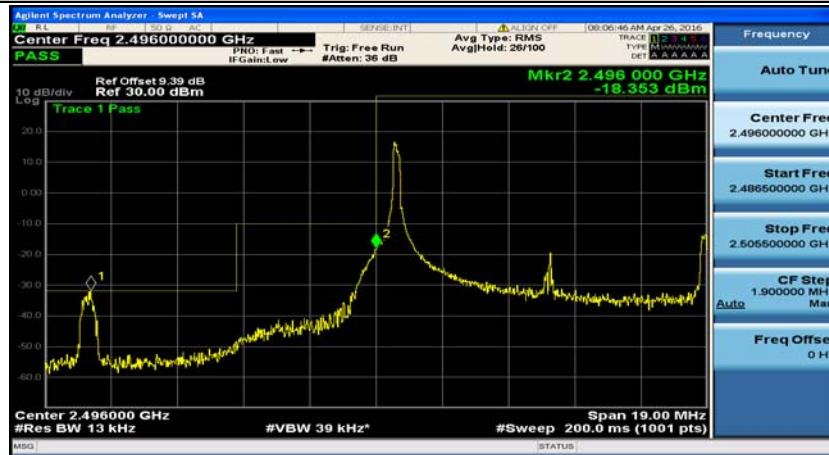
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0



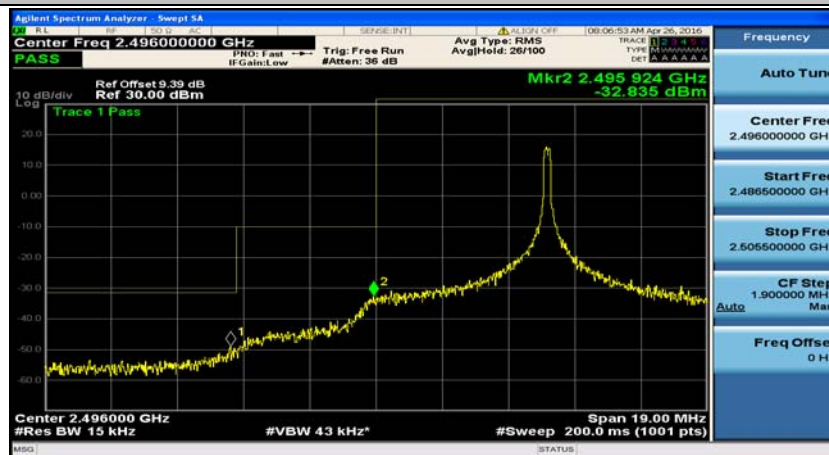
Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12



Channel Bandwidth: 10 MHz_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_LCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25



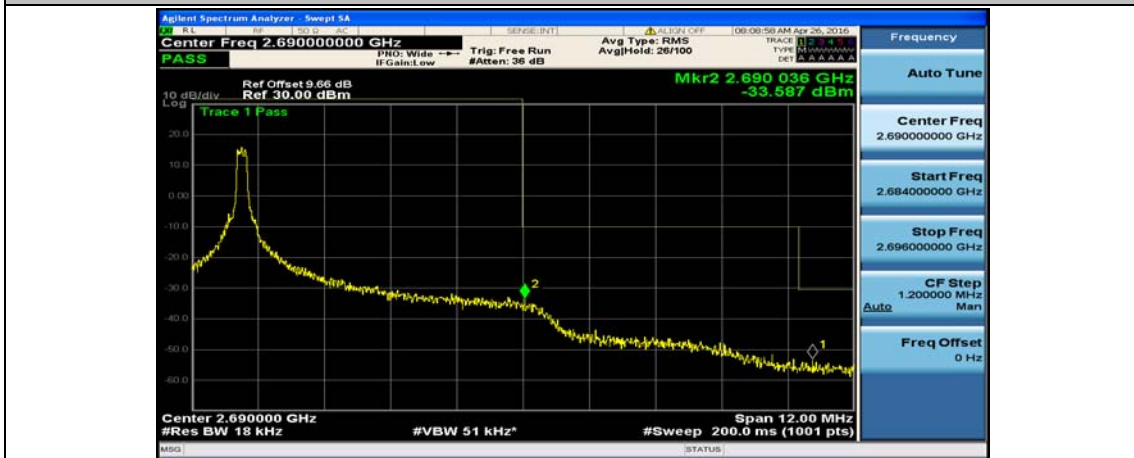
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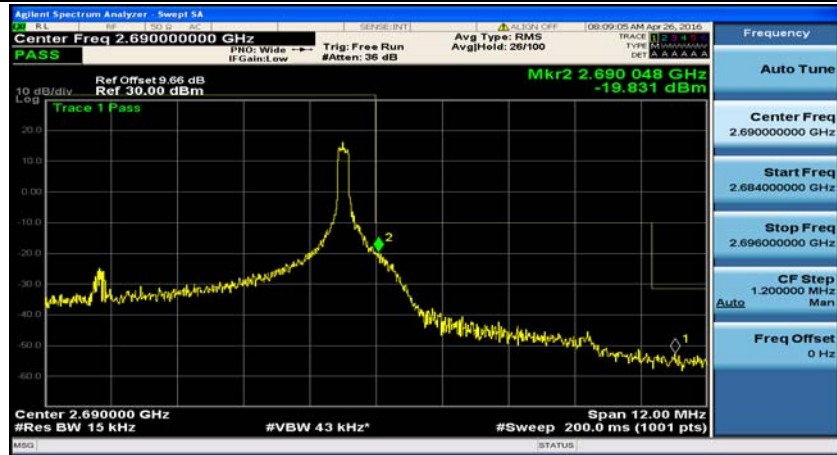
Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24



Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0



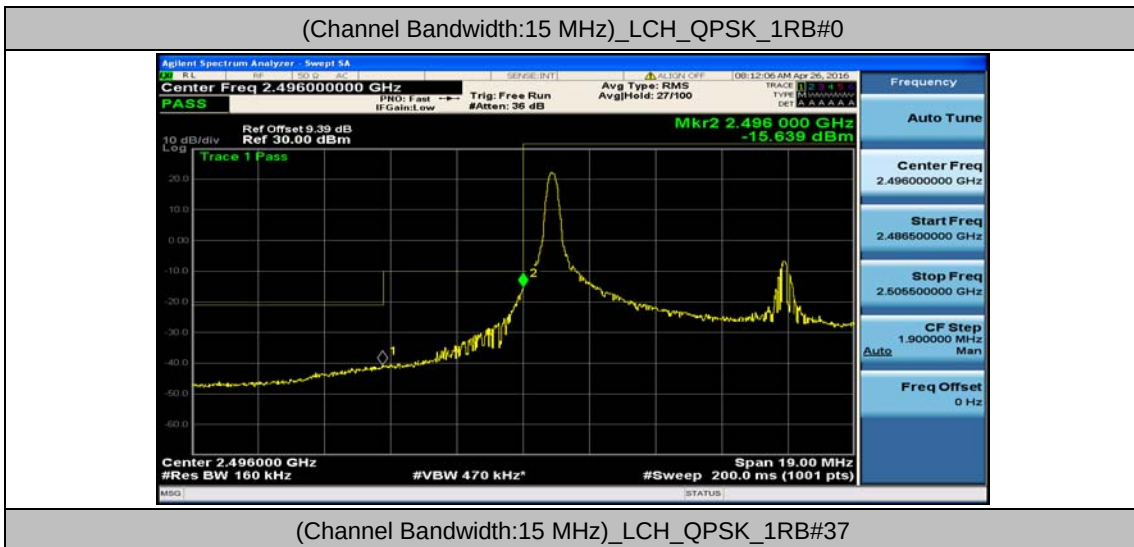
Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12



Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25



Channel Bandwidth: 15 MHz





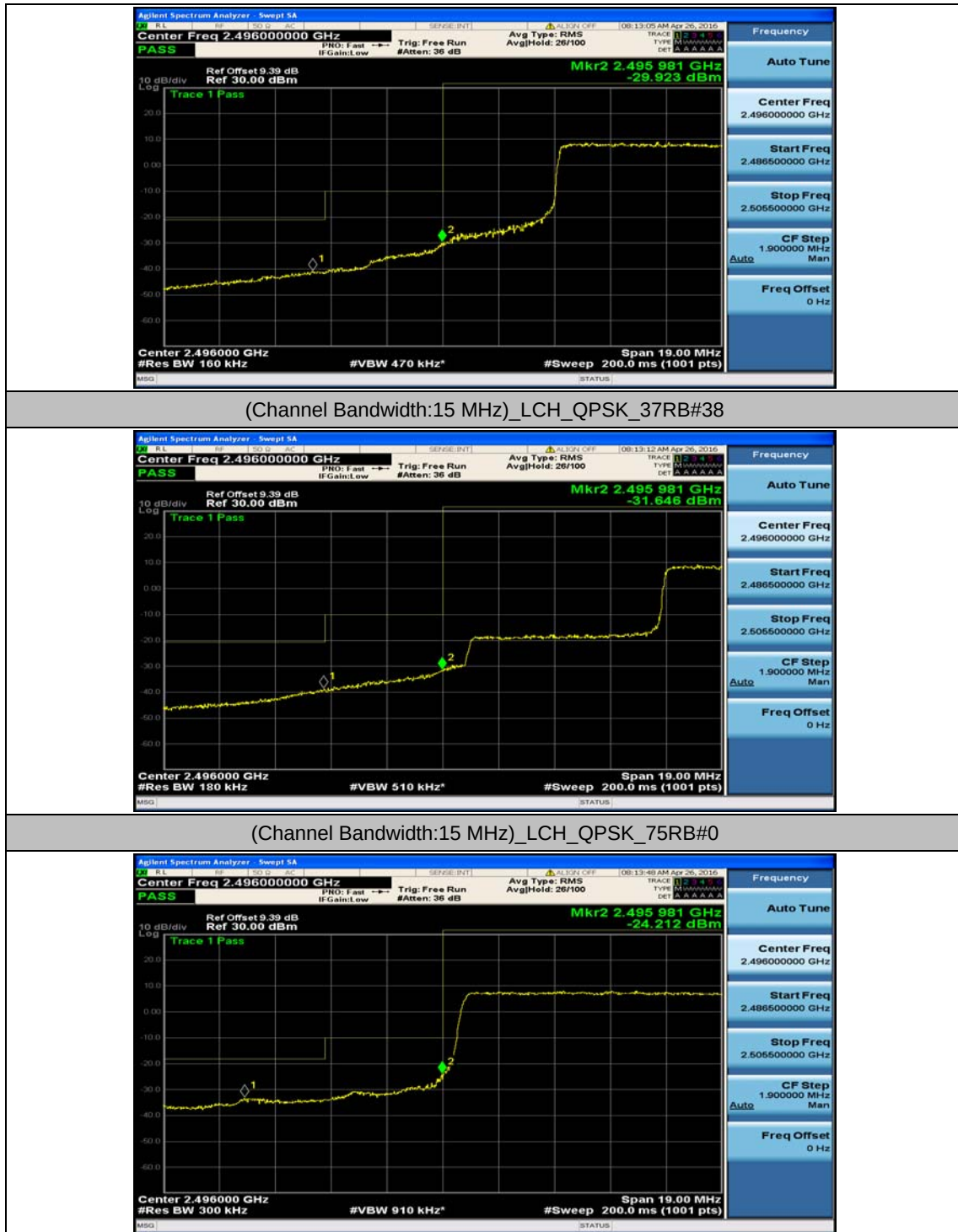
(Channel Bandwidth:15 MHz)_LCH_QPSK_1RB#74



(Channel Bandwidth:15 MHz)_LCH_QPSK_37RB#0



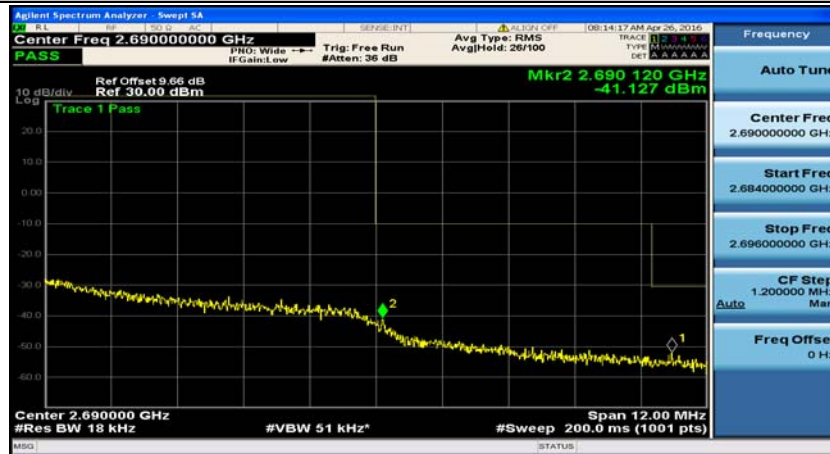
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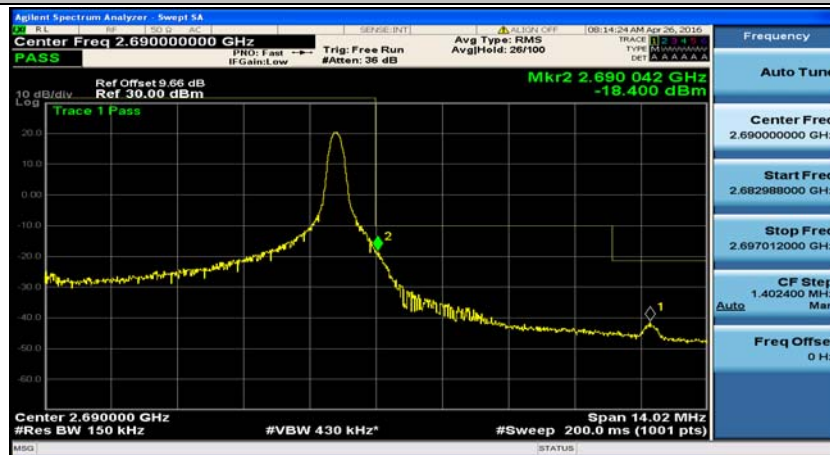
(Channel Bandwidth:15 MHz)_HCH_QPSK_1RB#0



(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



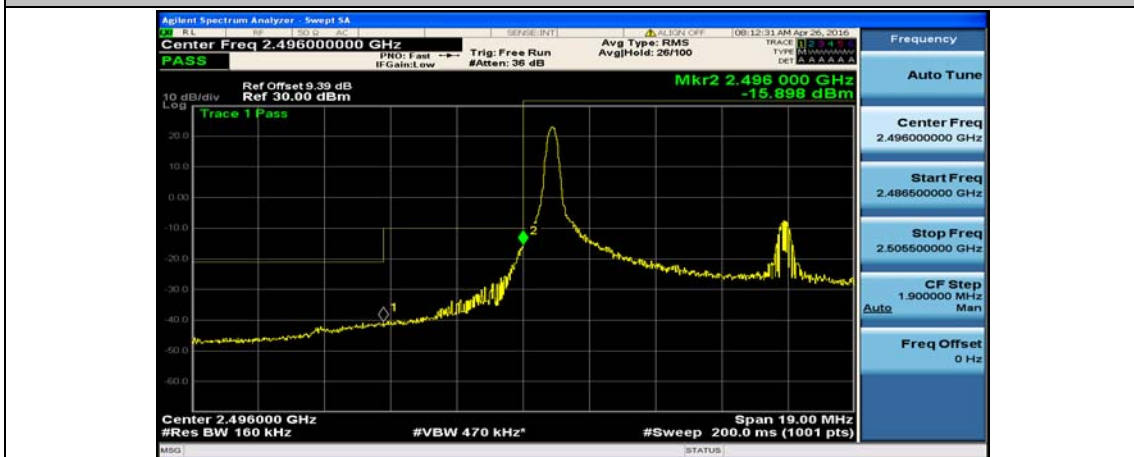
(Channel Bandwidth:15 MHz)_HCH_QPSK_37RB#38



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



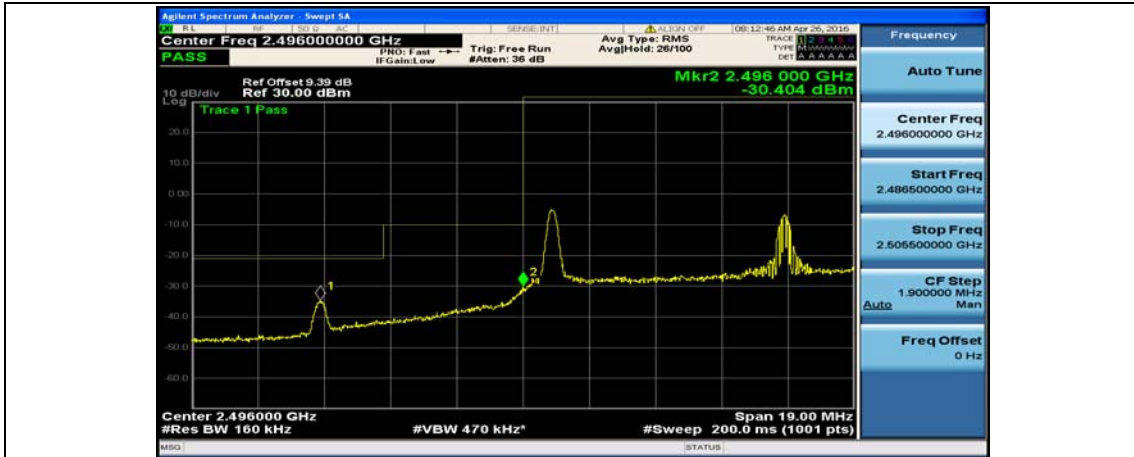
(Channel Bandwidth:15 MHz)_LCH_16QAM_1RB#0



(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



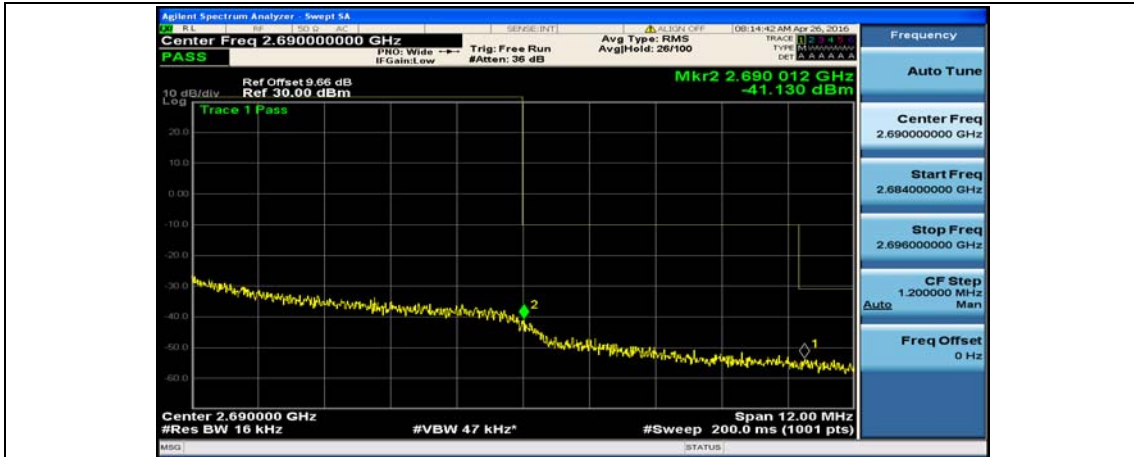
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



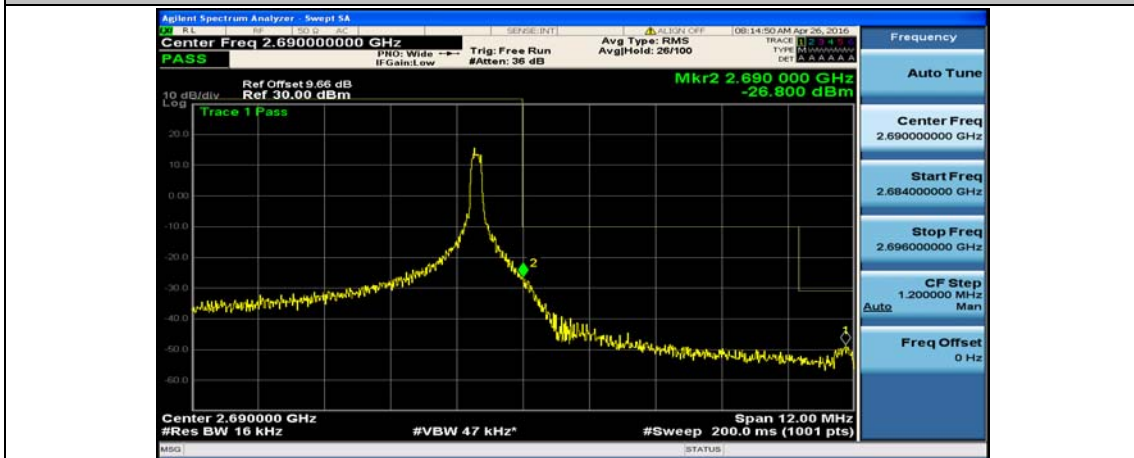
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#0



(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#37



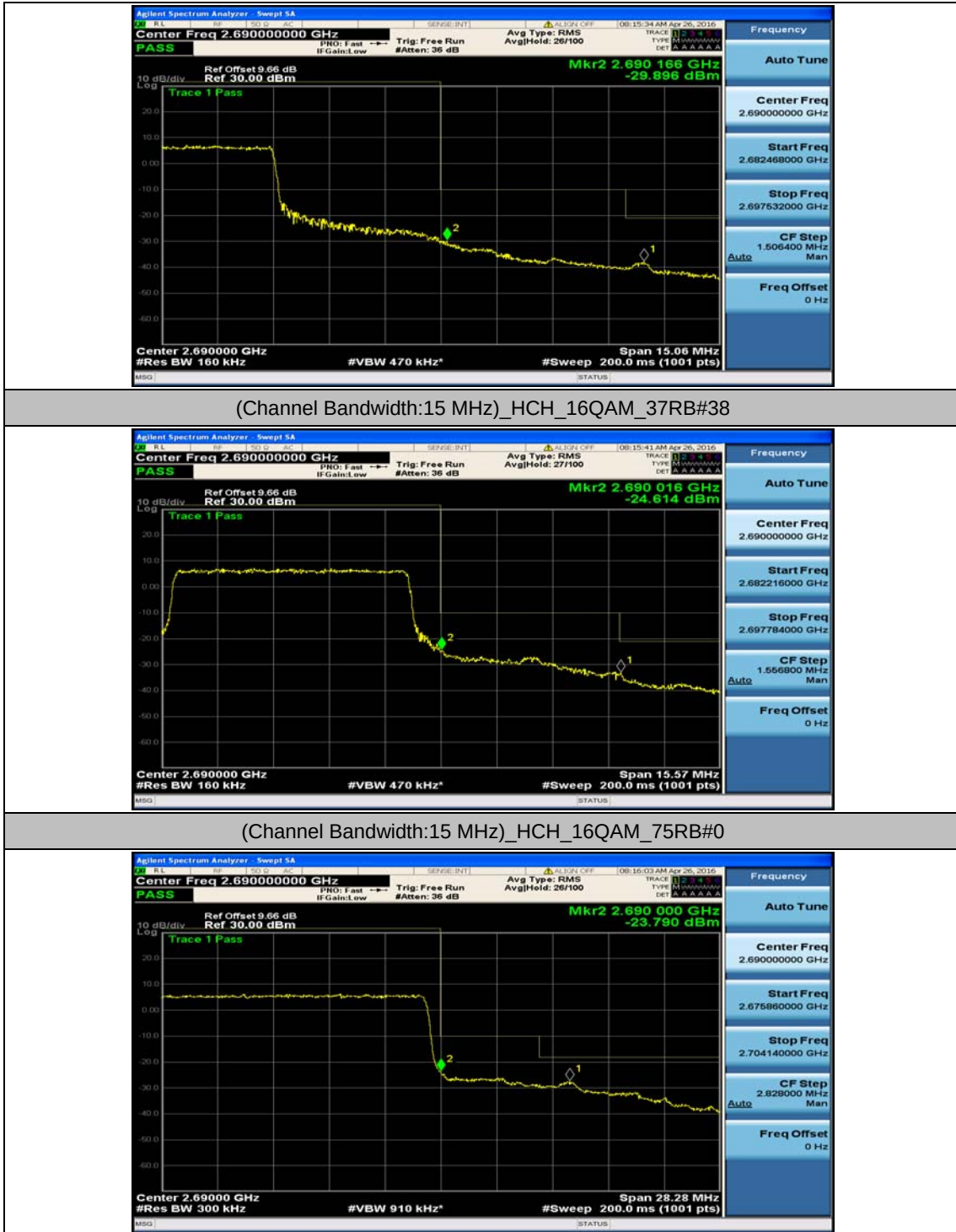
(Channel Bandwidth:15 MHz)_HCH_16QAM_1RB#74



(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#0

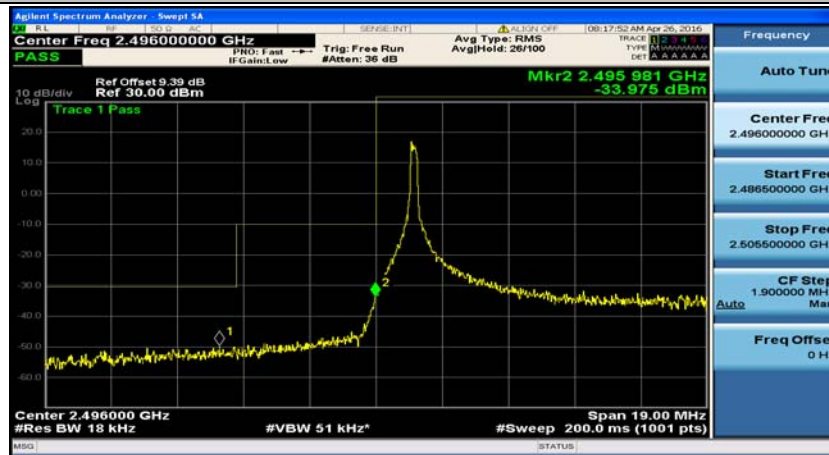


(Channel Bandwidth:15 MHz)_HCH_16QAM_37RB#18



Channel Bandwidth: 20 MHz

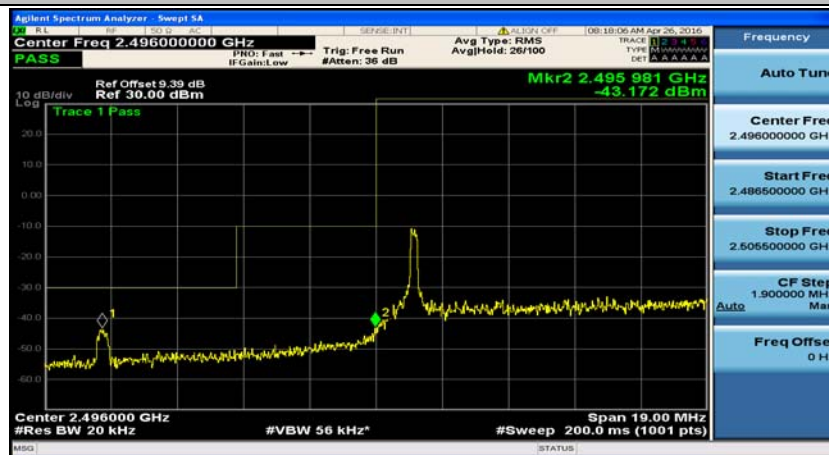
(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#49



(Channel Bandwidth:20 MHz)_LCH_QPSK_1RB#99



(Channel Bandwidth:20 MHz)_LCH_QPSK_50RB#0

