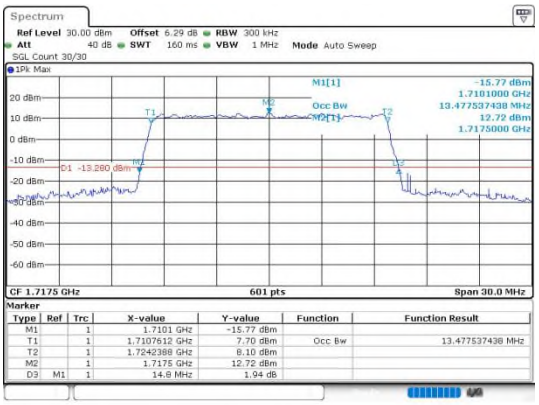
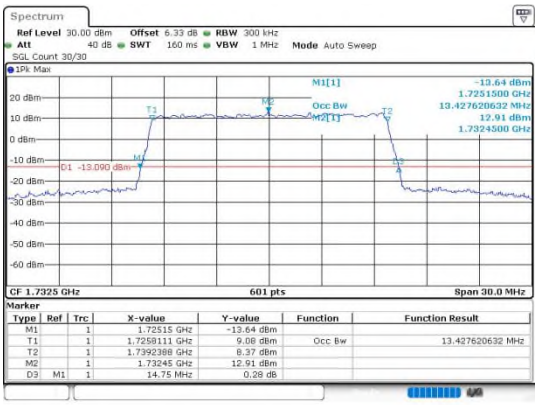
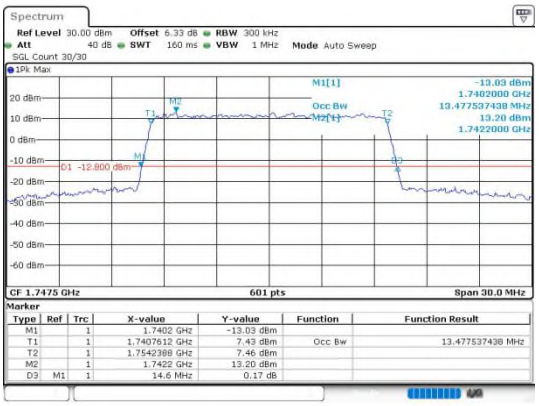
Band4-15MHz-64QAM-20025-75RB#0-PASS



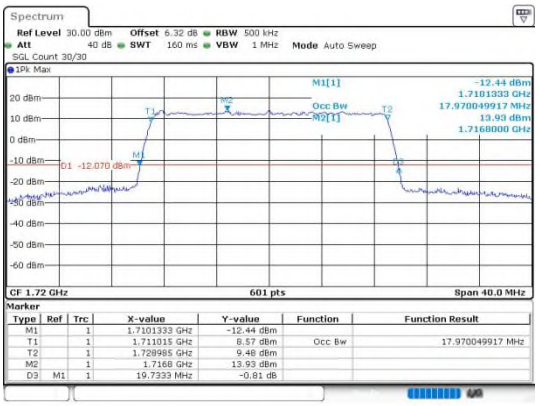
Band4-15MHz-64QAM-20175-75RB#0-PASS



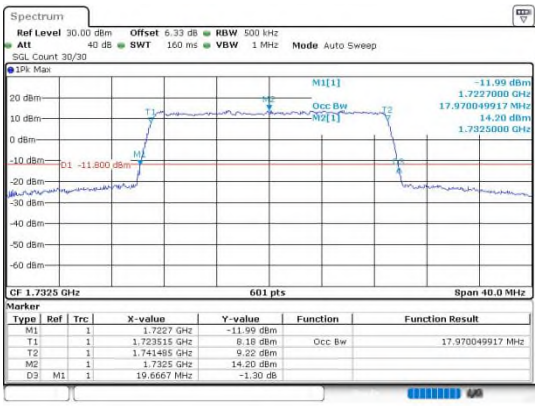
Band4-15MHz-64QAM-20325-75RB#0-PASS



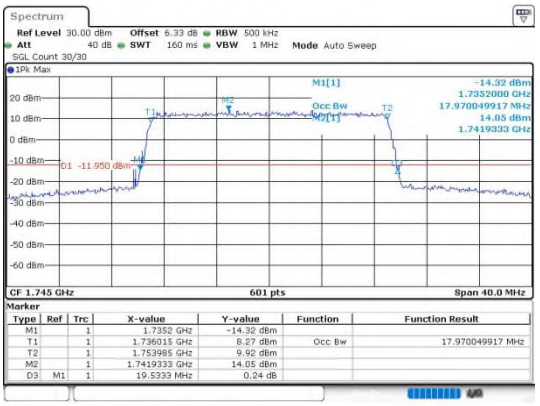
Band4-20MHz-64QAM-20050-100RB#0-PASS



Band4-20MHz-64QAM-20175-100RB#0-PASS

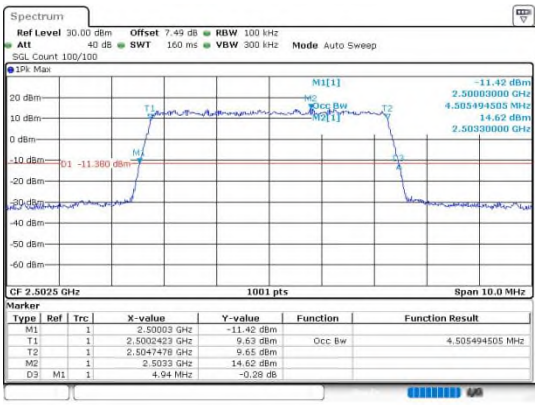
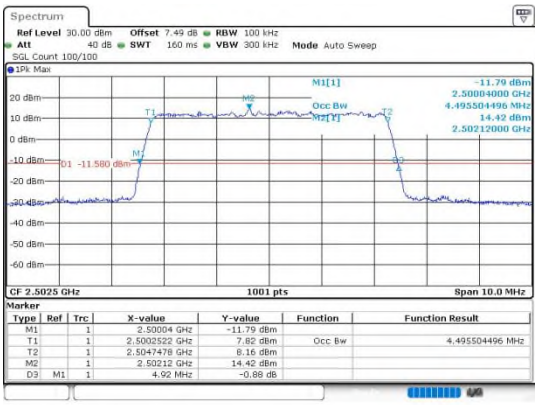


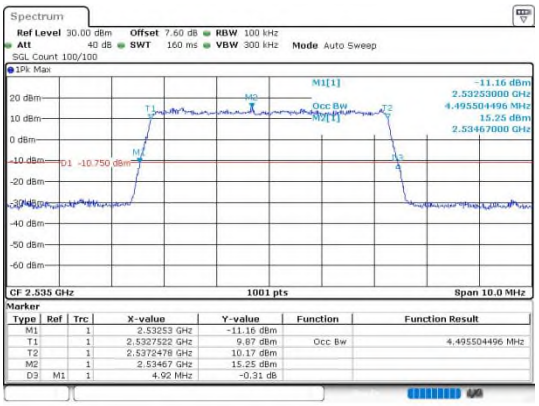
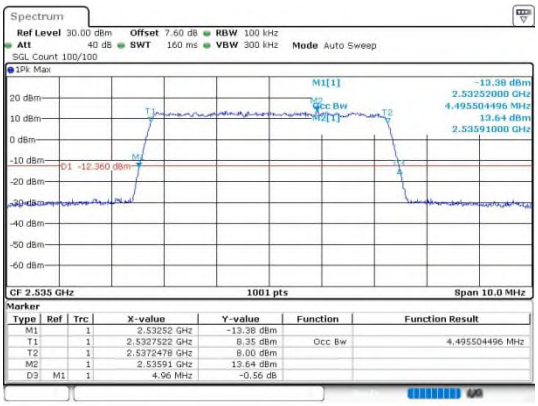
Band4-20MHz-64QAM-20300-100RB#0-PASS

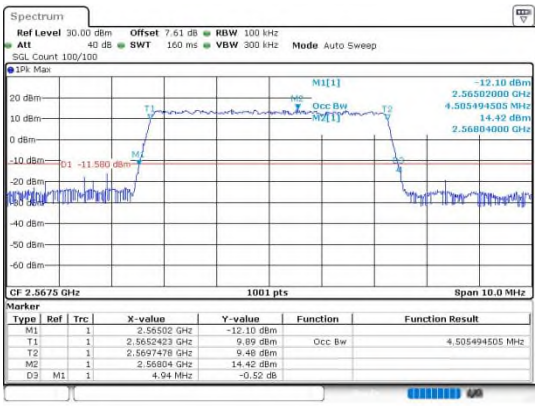
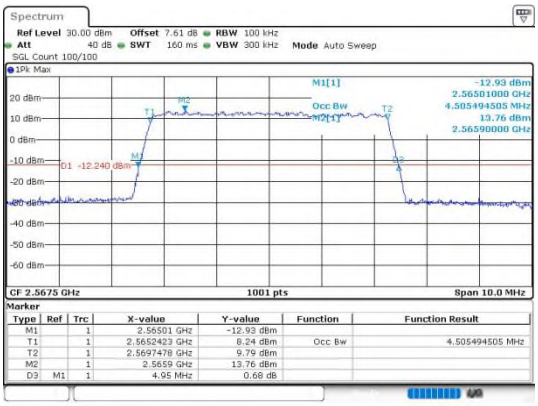


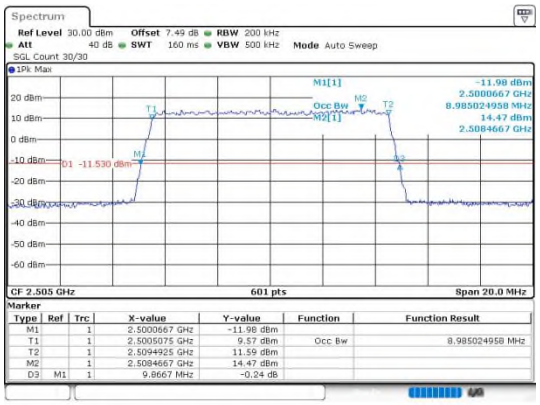
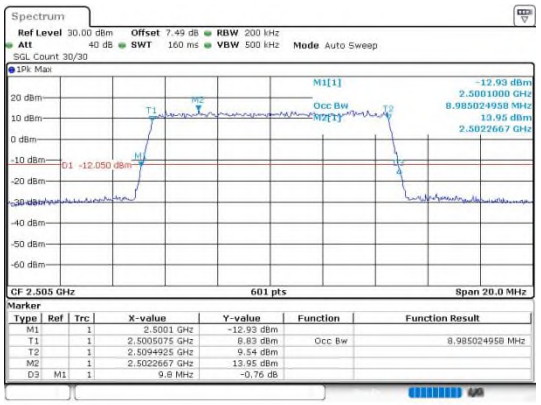
LTE Band 7 _ QPSK & 16QAM

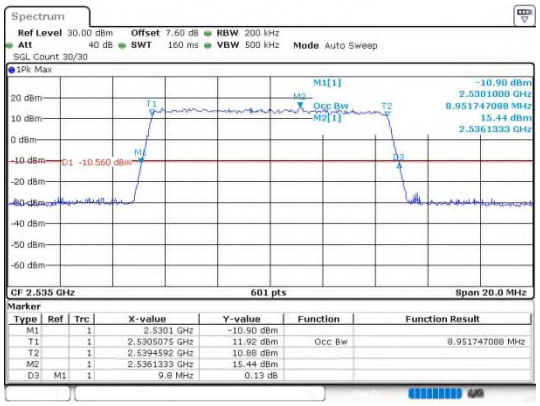
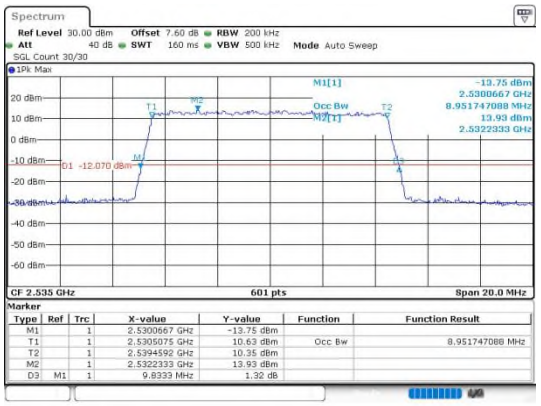
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.505	4.94	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.496	4.92	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.496	4.92	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.496	4.96	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.505	4.94	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.505	4.95	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.87	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.985	9.80	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.952	9.80	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.952	9.83	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.952	9.83	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.985	9.83	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.80	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.478	14.70	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.428	14.75	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.428	14.75	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.378	14.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.428	14.65	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.037	19.73	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.97	19.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.037	19.80	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.97	19.60	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.903	19.60	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.903	19.60	PASS

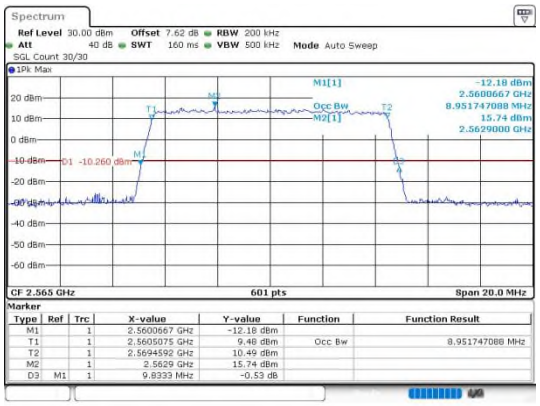
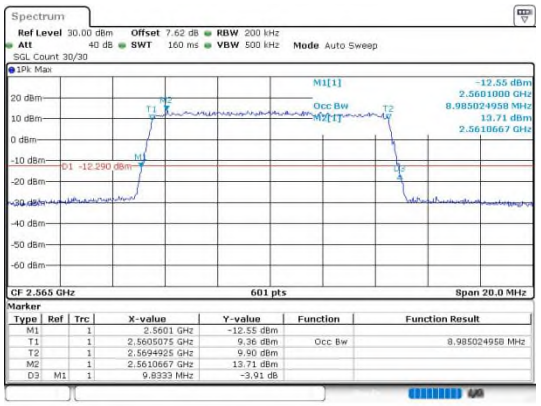
Band7-5MHz-QPSK-20775-25RB#0-PASS	Band7-5MHz-16QAM-20775-25RB#0-PASS
	

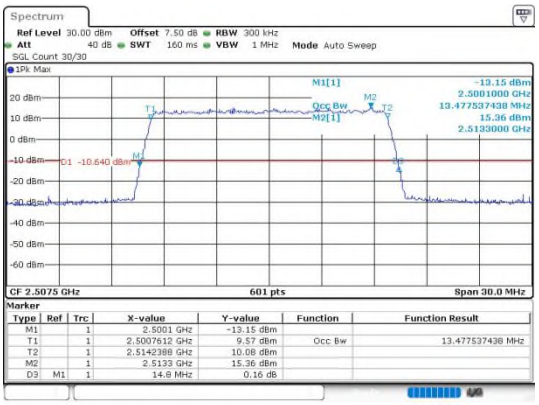
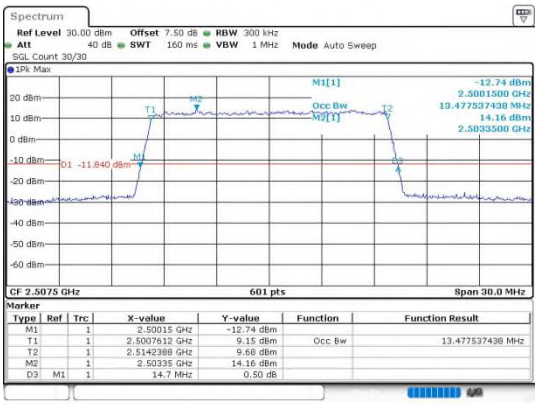
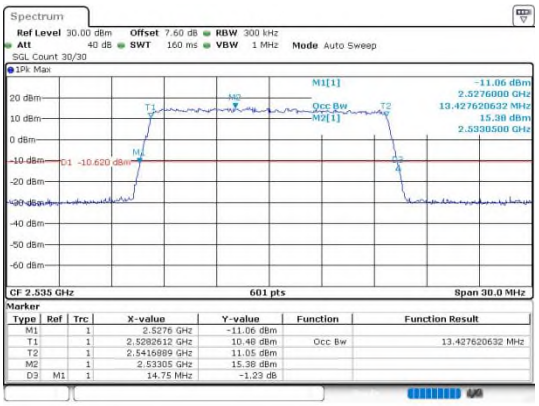
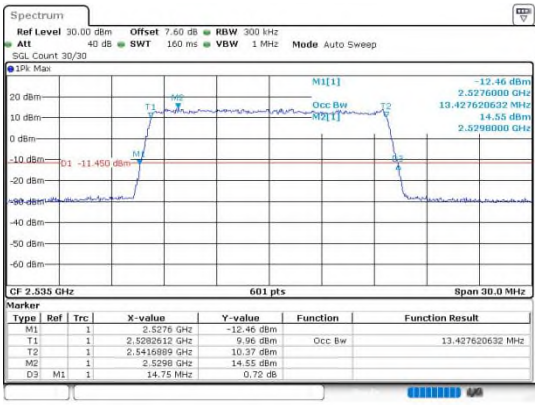
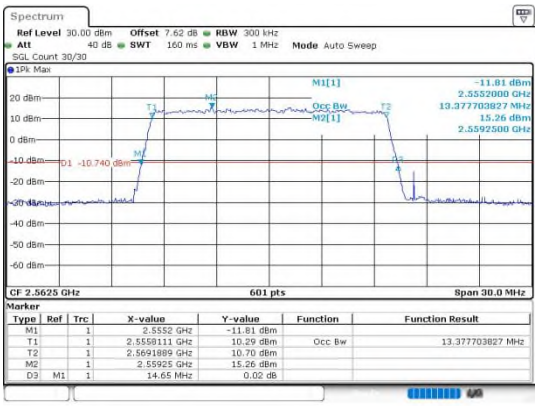
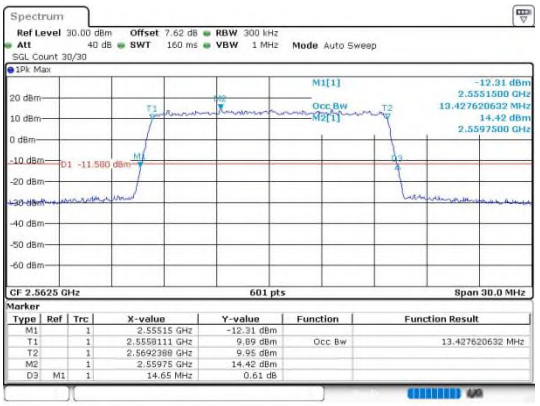
Band7-5MHz-QPSK-21100-25RB#0-PASS	Band7-5MHz-16QAM-21100-25RB#0-PASS
	

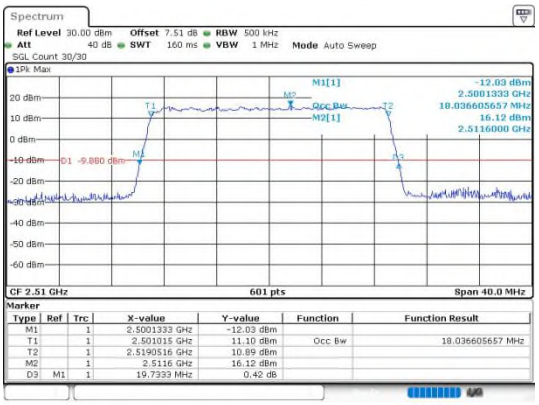
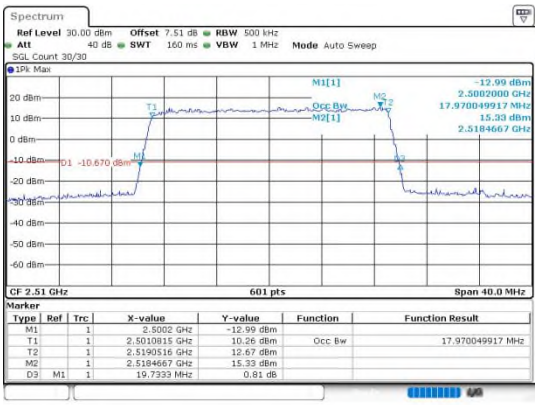
Band7-5MHz-QPSK-21425-25RB#0-PASS	Band7-5MHz-16QAM-21425-25RB#0-PASS
	

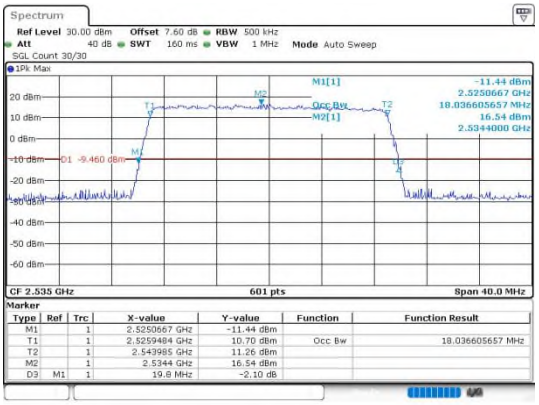
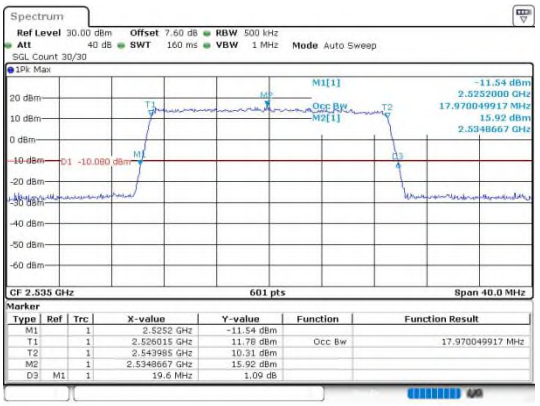
Band7-10MHz-QPSK-20800-50RB#0-PASS	Band7-10MHz-16QAM-20800-50RB#0-PASS
	

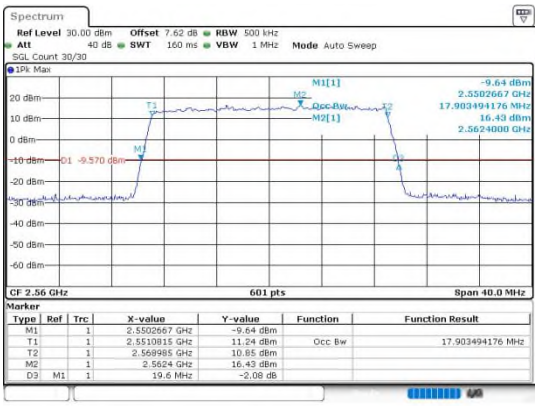
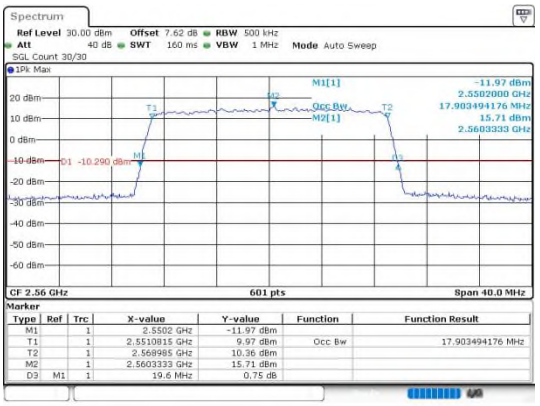
Band7-10MHz-QPSK-21100-50RB#0-PASS	Band7-10MHz-16QAM-21100-50RB#0-PASS
	

Band7-10MHz-QPSK-21400-50RB#0-PASS	Band7-10MHz-16QAM-21400-50RB#0-PASS
	

Band7-15MHz-QPSK-20825-75RB#0-PASS	Band7-15MHz-16QAM-20825-75RB#0-PASS
	
Band7-15MHz-QPSK-21100-75RB#0-PASS	**Band7-15MHz-16QAM-21100-75RB#0-PASS**
	
Band7-15MHz-QPSK-21375-75RB#0-PASS	**Band7-15MHz-16QAM-21375-75RB#0-PASS**
	

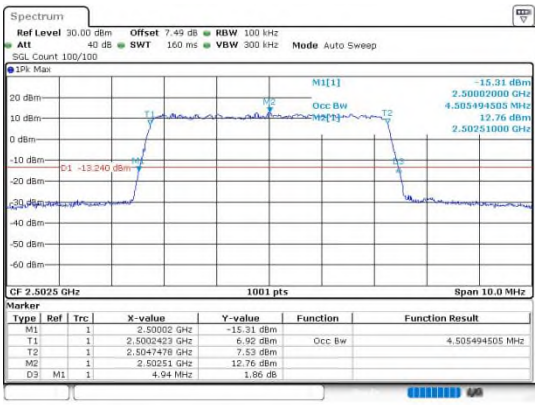
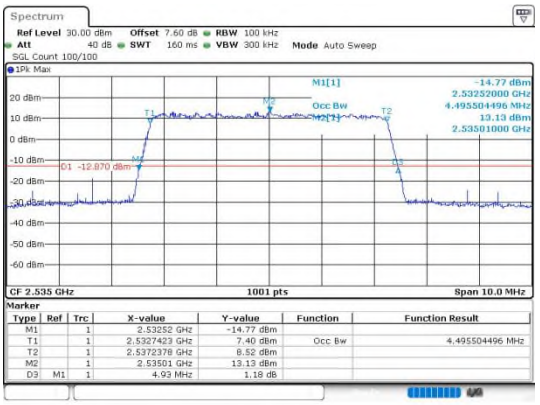
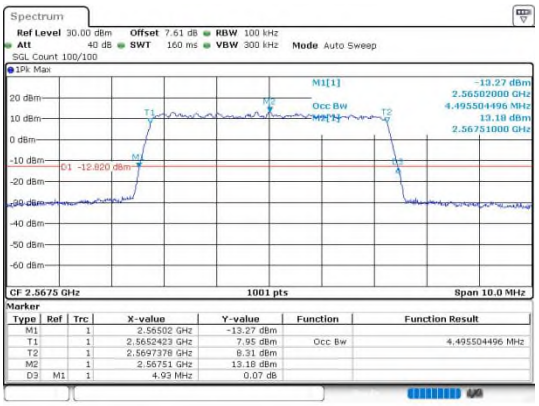
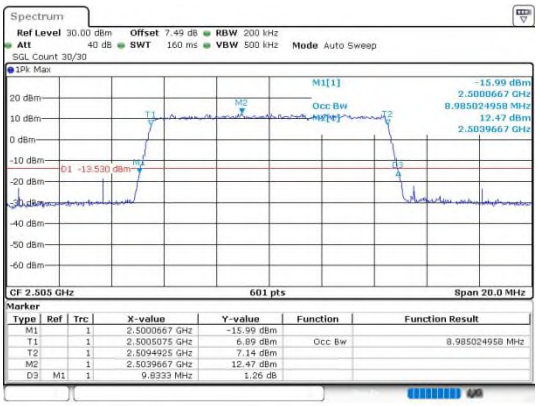
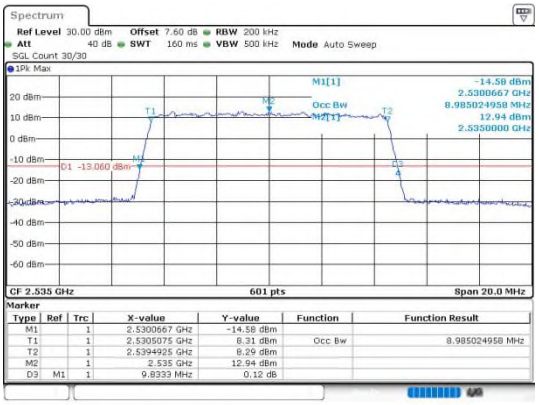
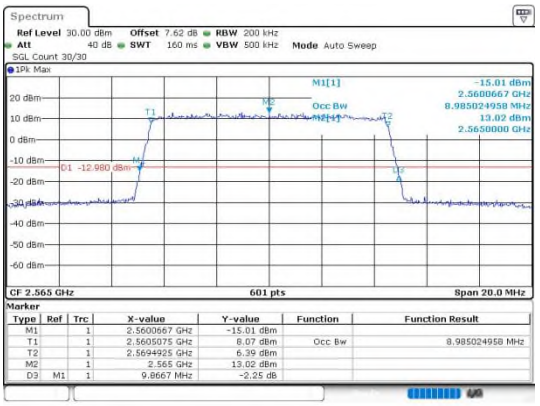
Band7-20MHz-QPSK-20850-100RB#0-PASS	Band7-20MHz-16QAM-20850-100RB#0-PASS
	

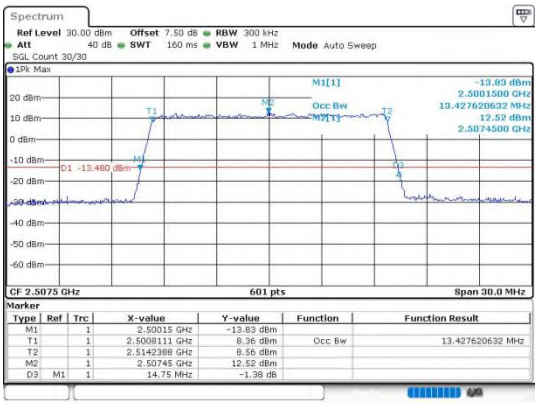
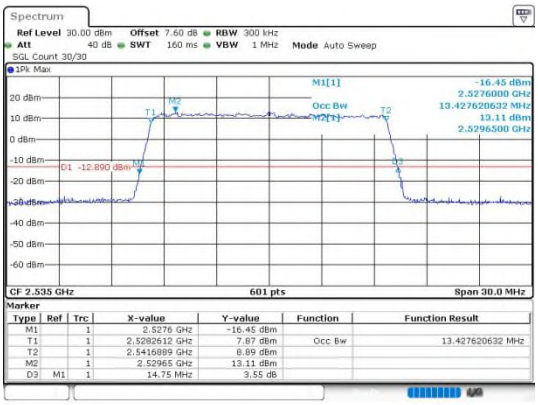
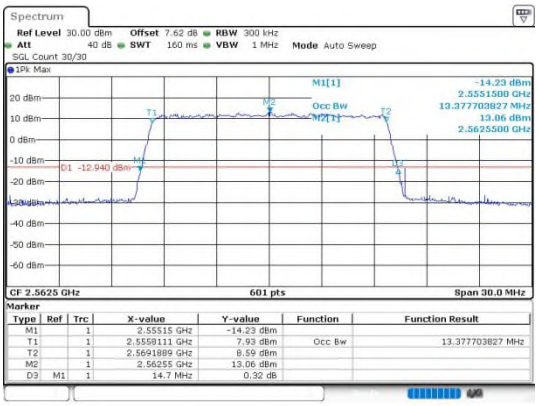
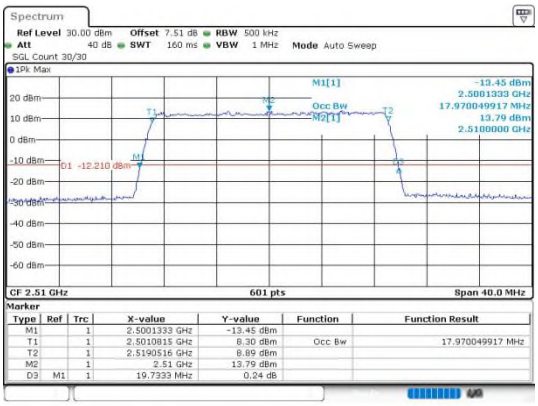
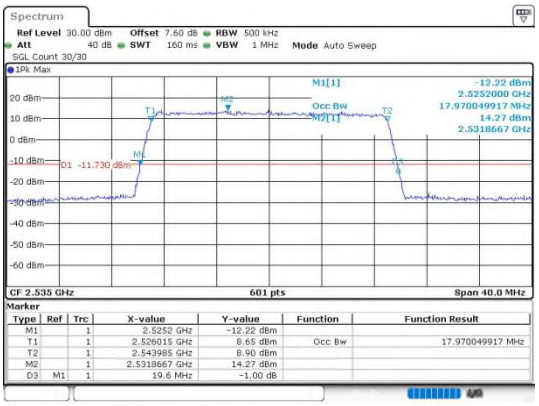
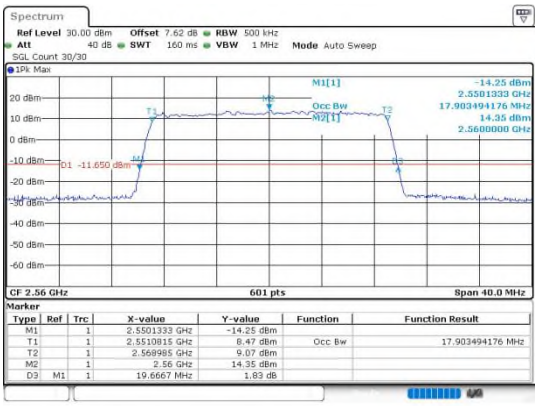
Band7-20MHz-QPSK-21100-100RB#0-PASS	Band7-20MHz-16QAM-21100-100RB#0-PASS
	

Band7-20MHz-QPSK-21350-100RB#0-PASS	Band7-20MHz-16QAM-21350-100RB#0-PASS
	

LTE Band 7 _ 64QAM

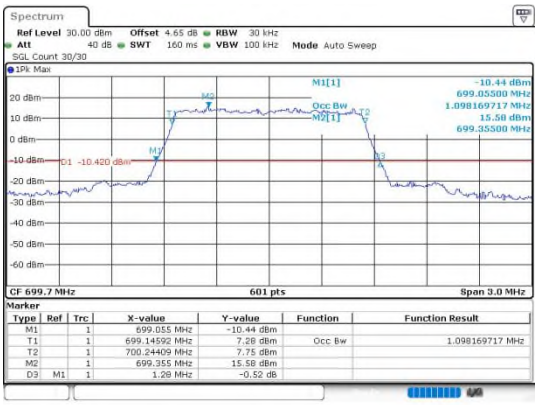
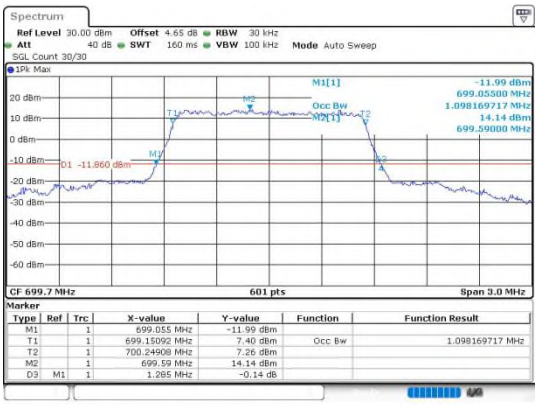
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	64QAM	20775	25RB#0	4.505	4.94	PASS
Band7	5MHz	64QAM	21100	25RB#0	4.496	4.93	PASS
Band7	5MHz	64QAM	21425	25RB#0	4.496	4.93	PASS
Band7	10MHz	64QAM	20800	50RB#0	8.985	9.83	PASS
Band7	10MHz	64QAM	21100	50RB#0	8.985	9.83	PASS
Band7	10MHz	64QAM	21400	50RB#0	8.985	9.87	PASS
Band7	15MHz	64QAM	20825	75RB#0	13.428	14.75	PASS
Band7	15MHz	64QAM	21100	75RB#0	13.428	14.75	PASS
Band7	15MHz	64QAM	21375	75RB#0	13.378	14.70	PASS
Band7	20MHz	64QAM	20850	100RB#0	17.97	19.73	PASS
Band7	20MHz	64QAM	21100	100RB#0	17.97	19.60	PASS
Band7	20MHz	64QAM	21350	100RB#0	17.903	19.67	PASS

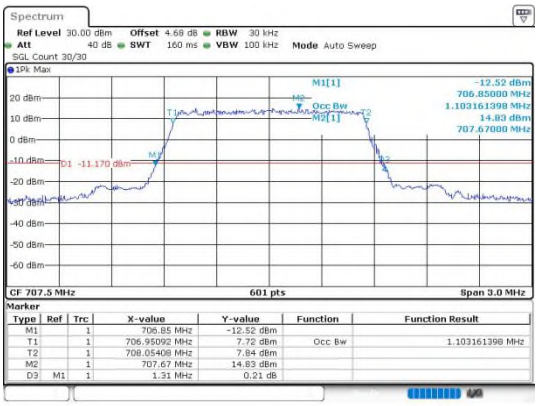
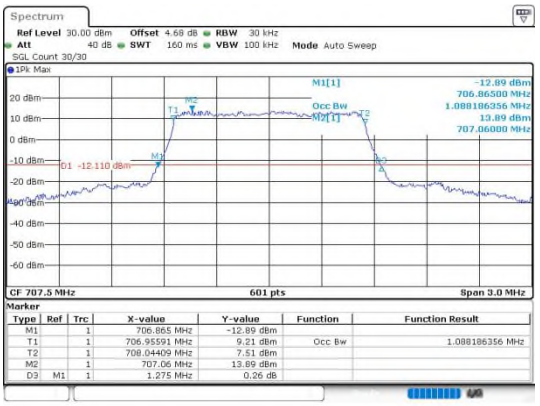
Band7-5MHz-64QAM-20775-25RB#0-PASS	Band7-5MHz-64QAM-21100-25RB#0-PASS
	
Band7-5MHz-64QAM-21425-25RB#0-PASS	**Band7-10MHz-64QAM-20800-50RB#0-PASS**
	
Band7-10MHz-64QAM-21100-50RB#0-PASS	**Band7-10MHz-64QAM-21400-50RB#0-PASS**
	

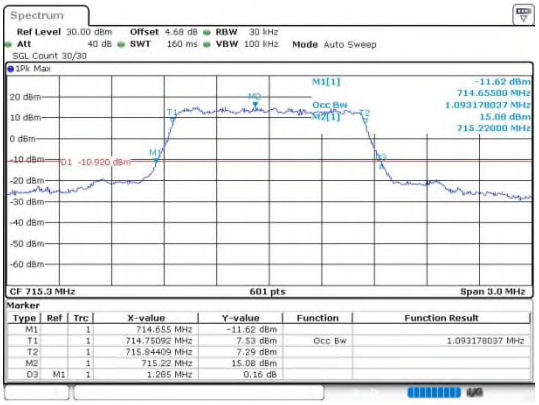
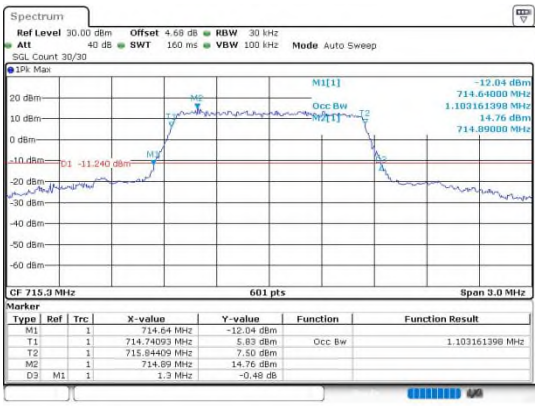
Band7-15MHz-64QAM-20825-75RB#0-PASS	Band7-15MHz-64QAM-21100-75RB#0-PASS
	
Band7-15MHz-64QAM-21375-75RB#0-PASS	**Band7-20MHz-64QAM-20850-100RB#0-PASS**
	
Band7-20MHz-64QAM-21100-100RB#0-PASS	**Band7-20MHz-64QAM-21350-100RB#0-PASS**
	

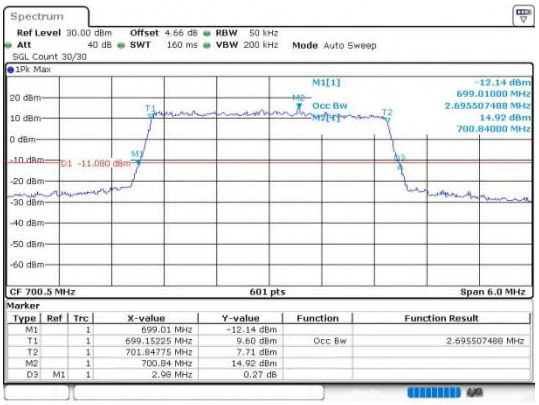
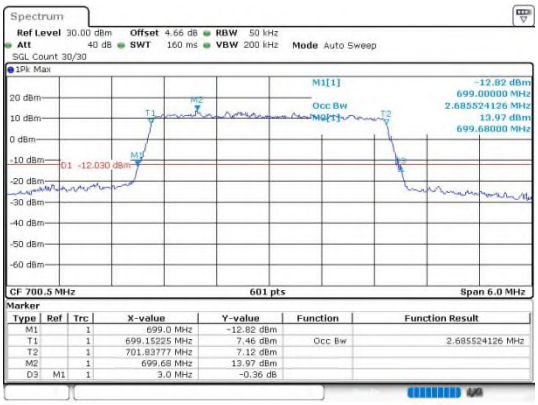
LTE Band 12 _ QPSK & 16QAM

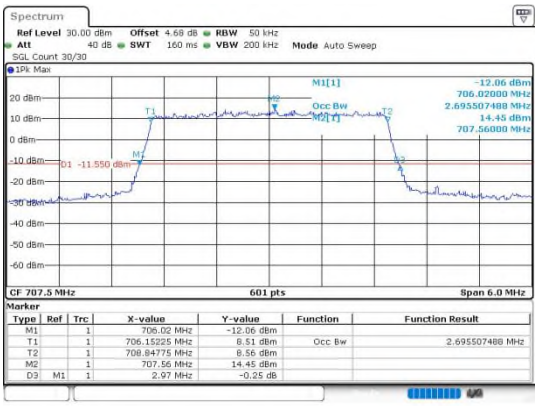
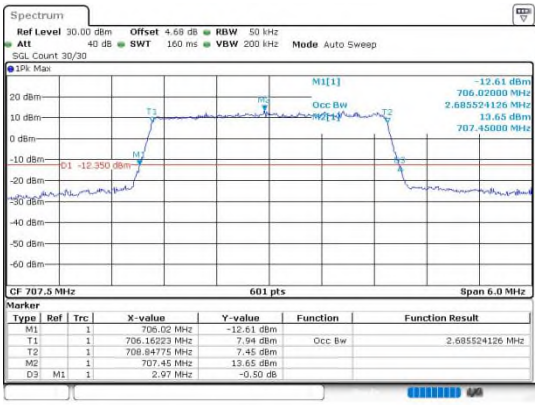
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.098	1.28	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.098	1.28	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.103	1.31	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.088	1.27	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.093	1.28	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.103	1.30	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.696	2.98	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.686	3.00	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.696	2.97	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.686	2.97	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.676	2.94	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.686	2.98	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.505	4.94	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.505	4.93	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.496	4.90	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.505	4.96	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.496	4.91	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.505	4.94	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.052	9.87	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.052	9.80	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.018	9.83	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.985	9.80	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.918	9.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.952	9.77	PASS

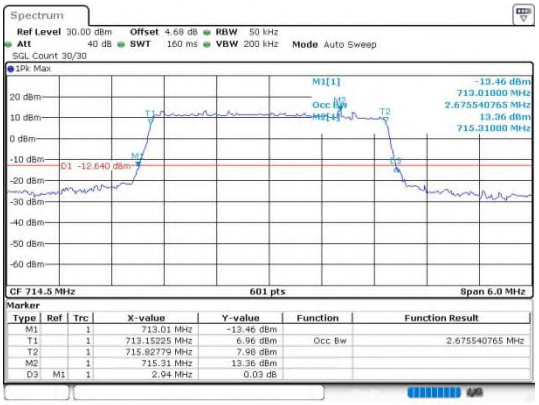
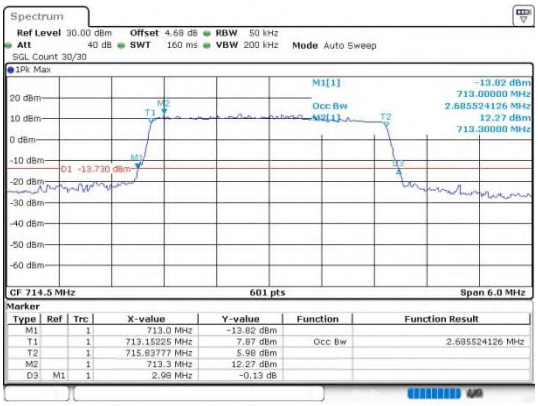
Band12-1.4MHz-QPSK-23017-6RB#0-PASS	Band12-1.4MHz-16QAM-23017-6RB#0-PASS
	

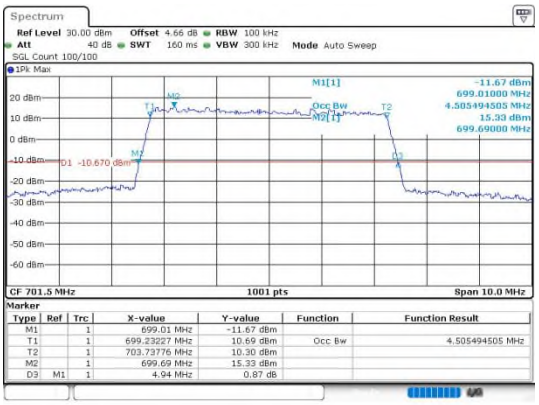
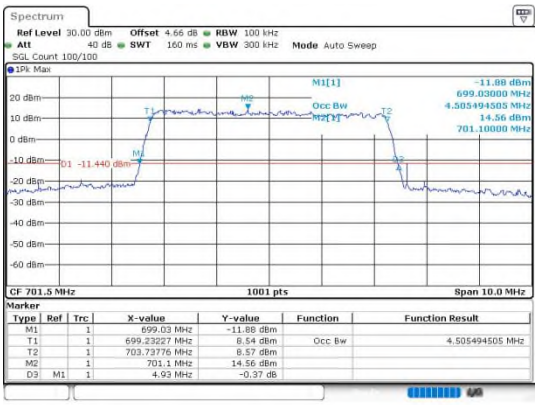
Band12-1.4MHz-QPSK-23095-6RB#0-PASS	Band12-1.4MHz-16QAM-23095-6RB#0-PASS
	

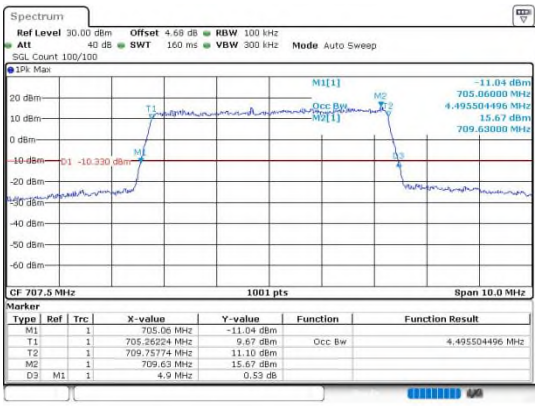
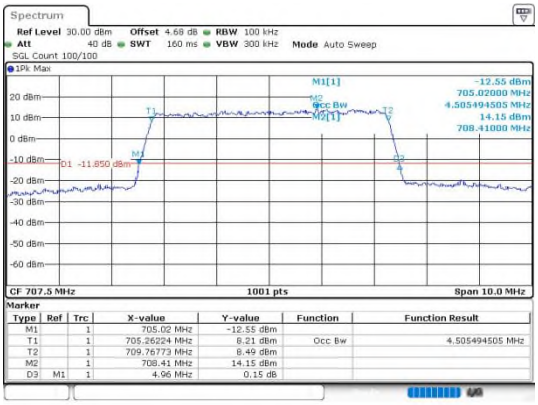
Band12-1.4MHz-QPSK-23173-6RB#0-PASS	Band12-1.4MHz-16QAM-23173-6RB#0-PASS
	

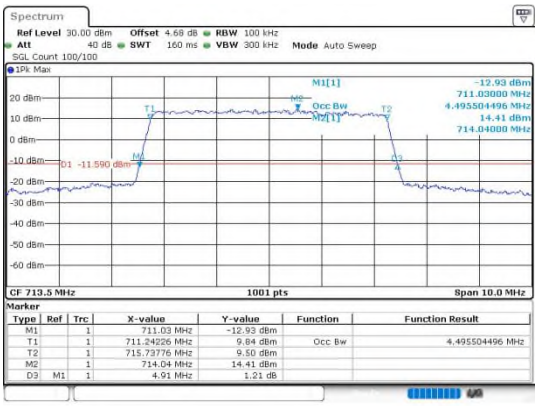
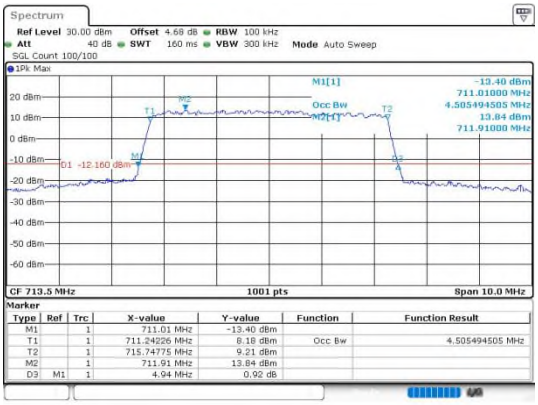
Band12-3MHz-QPSK-23025-15RB#0-PASS	Band12-3MHz-16QAM-23025-15RB#0-PASS
	

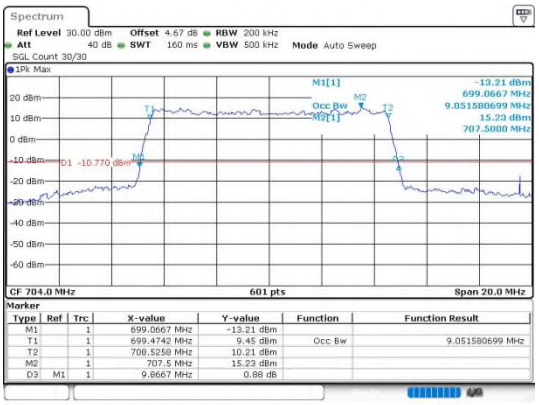
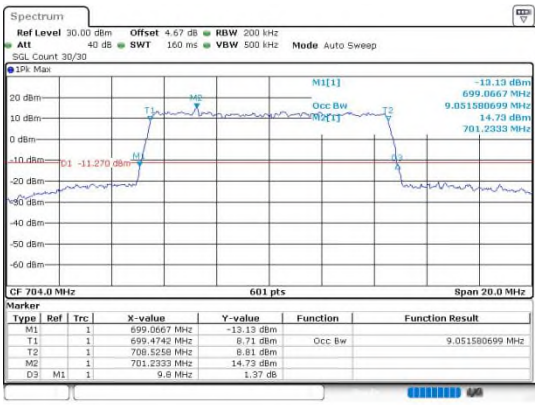
Band12-3MHz-QPSK-23095-15RB#0-PASS	Band12-3MHz-16QAM-23095-15RB#0-PASS
	

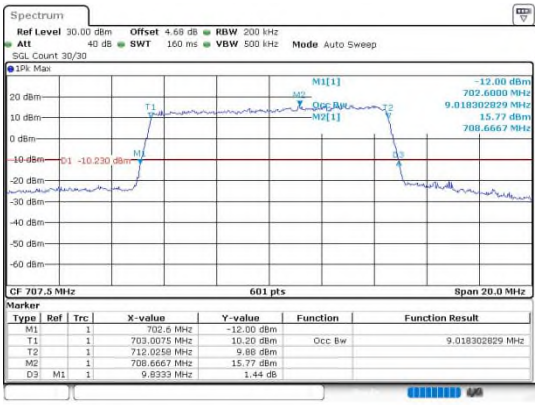
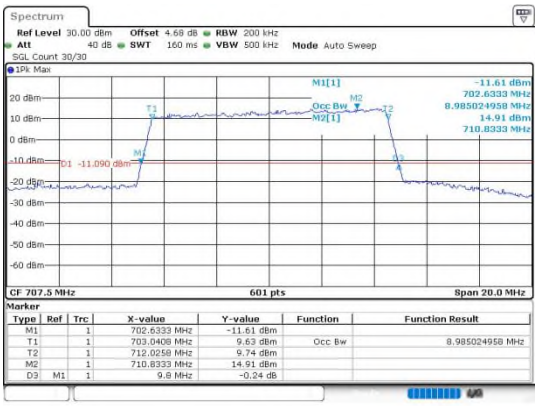
Band12-3MHz-QPSK-23165-15RB#0-PASS	Band12-3MHz-16QAM-23165-15RB#0-PASS
	

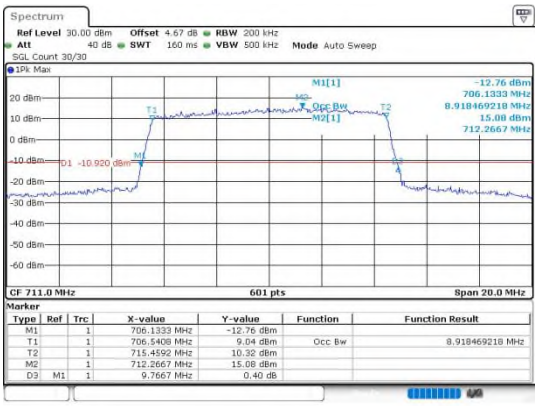
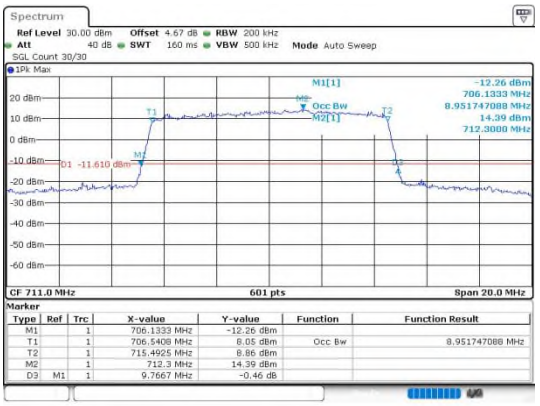
Band12-5MHz-QPSK-23035-25RB#0-PASS	Band12-5MHz-16QAM-23035-25RB#0-PASS
	

Band12-5MHz-QPSK-23095-25RB#0-PASS	Band12-5MHz-16QAM-23095-25RB#0-PASS
	

Band12-5MHz-QPSK-23155-25RB#0-PASS	Band12-5MHz-16QAM-23155-25RB#0-PASS
	

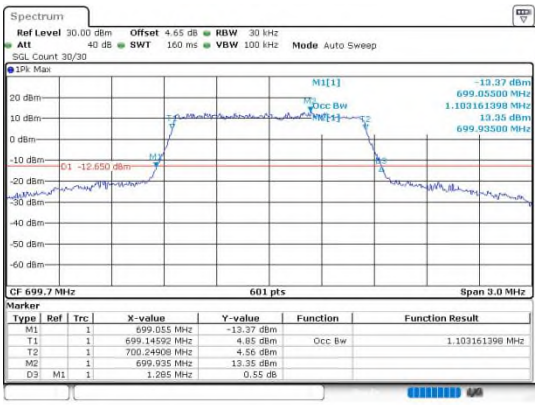
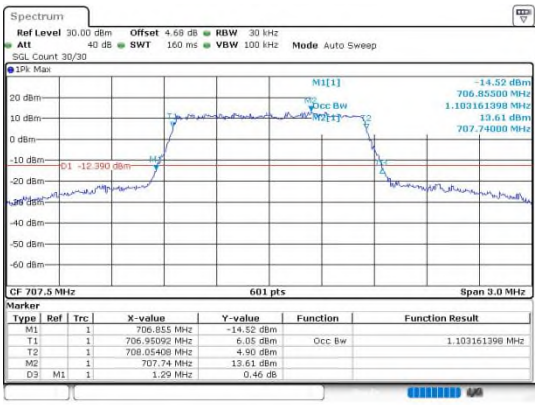
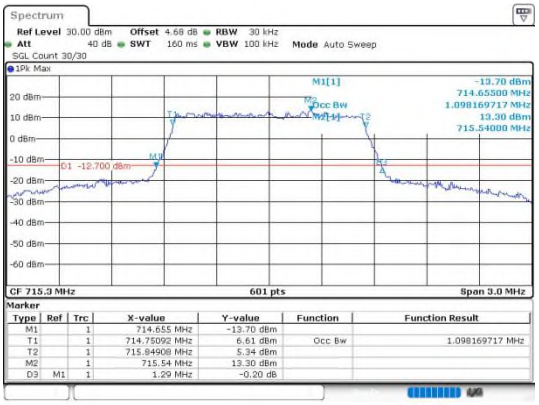
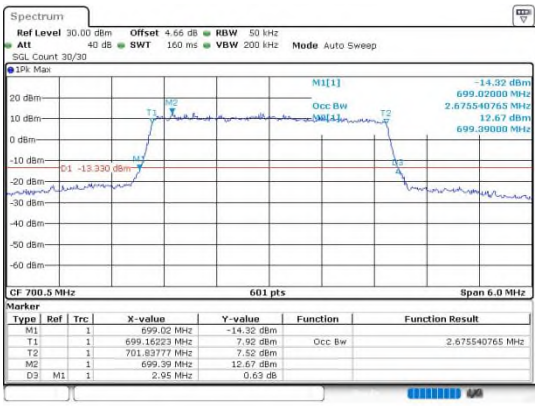
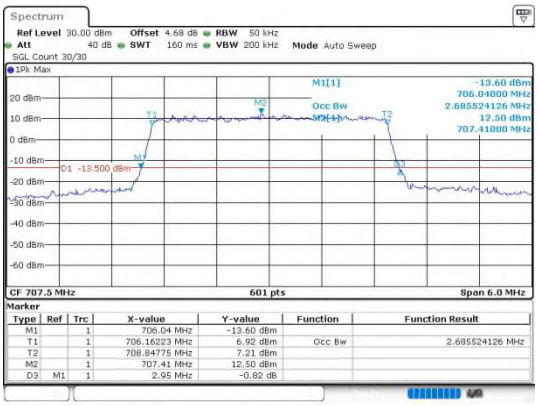
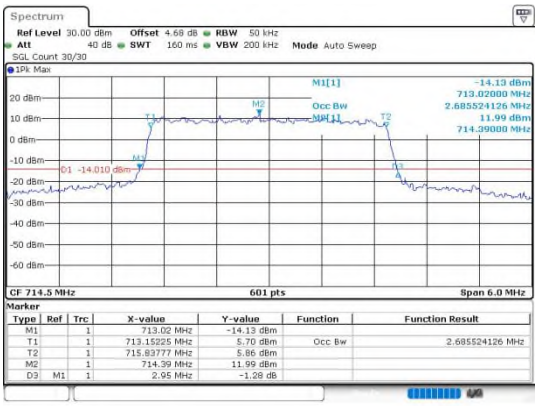
Band12-10MHz-QPSK-23060-50RB#0-PASS	Band12-10MHz-16QAM-23060-50RB#0-PASS
	

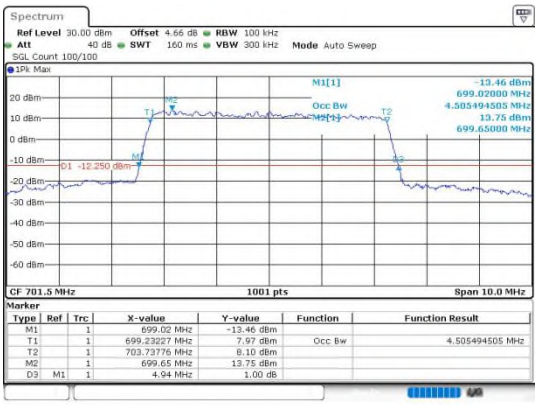
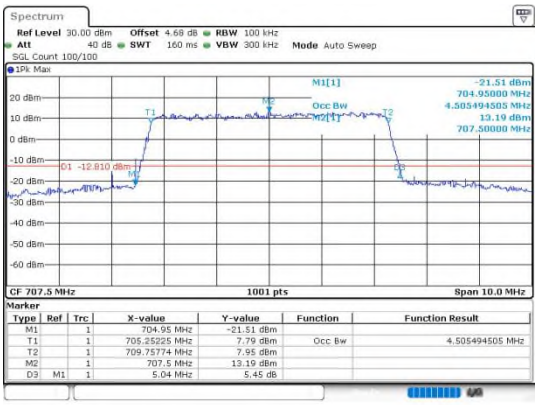
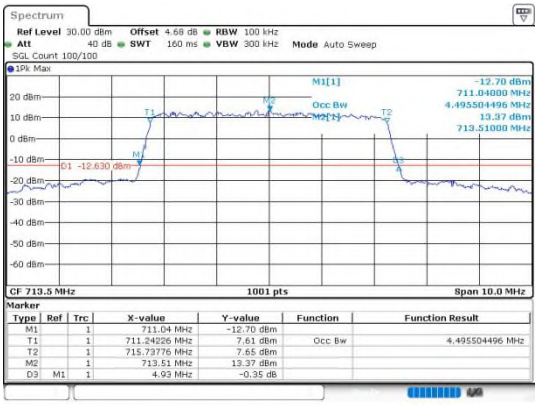
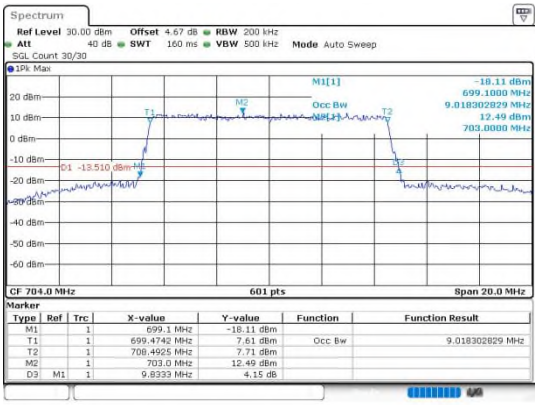
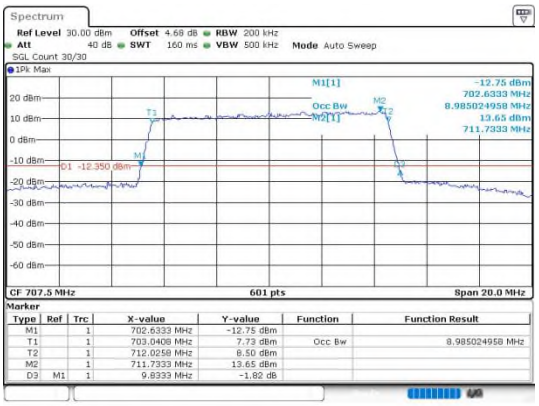
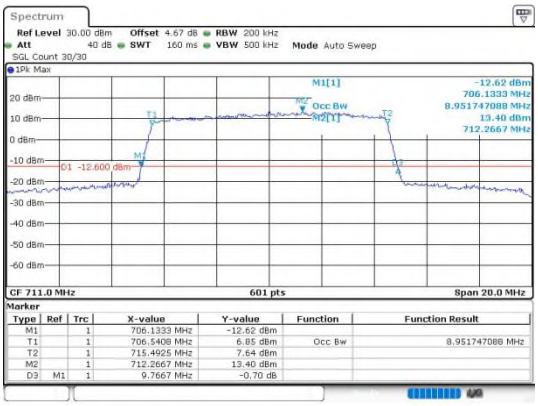
Band12-10MHz-QPSK-23095-50RB#0-PASS	Band12-10MHz-16QAM-23095-50RB#0-PASS
	

Band12-10MHz-QPSK-23130-50RB#0-PASS	Band12-10MHz-16QAM-23130-50RB#0-PASS
	

LTE Band 12 _ 64QAM

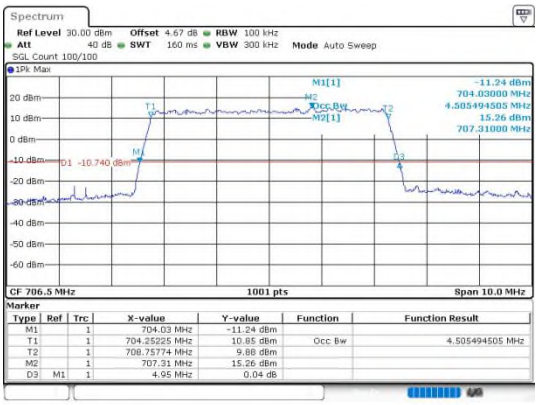
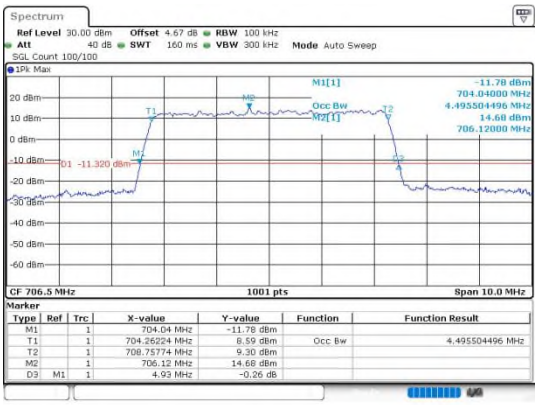
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	1.103	1.28	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.103	1.29	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.098	1.29	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.676	2.95	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.686	2.95	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.686	2.95	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.505	4.94	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.505	5.04	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.496	4.93	PASS
Band12	10MHz	64QAM	23060	50RB#0	9.018	9.83	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.985	9.83	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.952	9.77	PASS

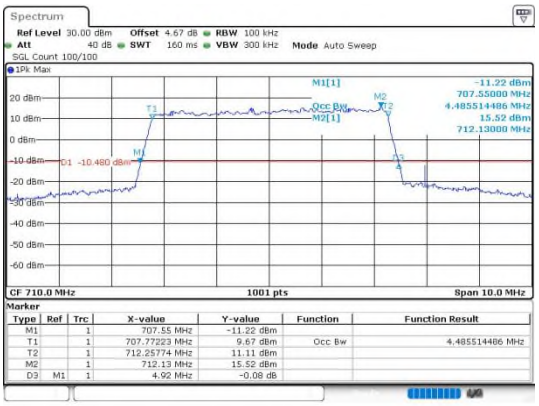
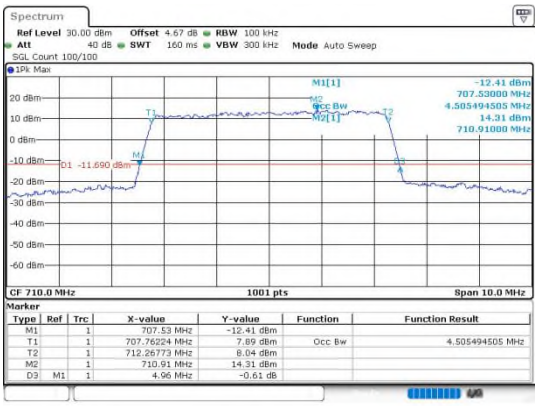
Band12-1.4MHz-64QAM-23017-6RB#0-PASS	Band12-1.4MHz-64QAM-23095-6RB#0-PASS
	
Band12-1.4MHz-64QAM-23173-6RB#0-PASS	**Band12-3MHz-64QAM-23025-15RB#0-PASS**
	
Band12-3MHz-64QAM-23095-15RB#0-PASS	**Band12-3MHz-64QAM-23165-15RB#0-PASS**
	

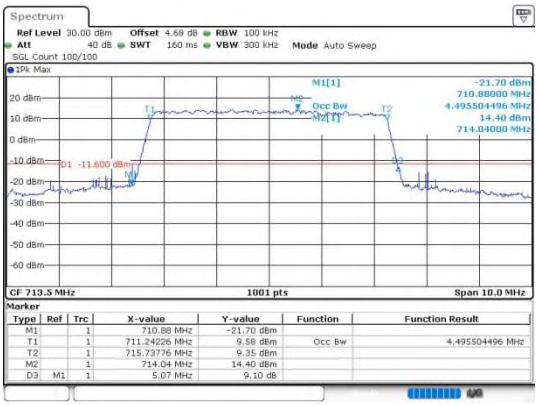
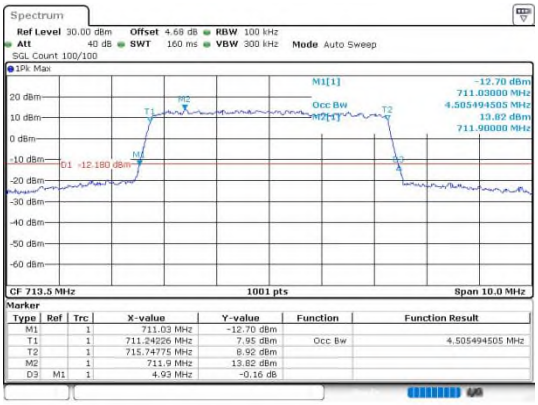
Band12-5MHz-64QAM-23035-25RB#0-PASS	Band12-5MHz-64QAM-23095-25RB#0-PASS
	
Band12-5MHz-64QAM-23155-25RB#0-PASS	**Band12-10MHz-64QAM-23060-50RB#0-PASS**
	
Band12-10MHz-64QAM-23095-50RB#0-PASS	**Band12-10MHz-64QAM-23130-50RB#0-PASS**
	

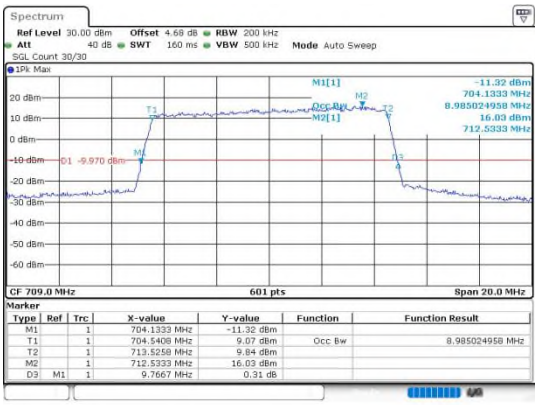
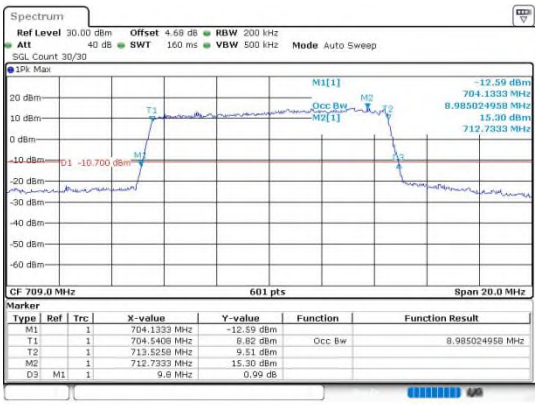
LTE Band 17 _ QPSK & 16QAM

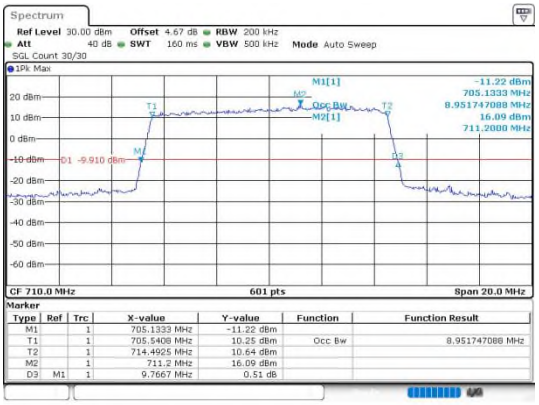
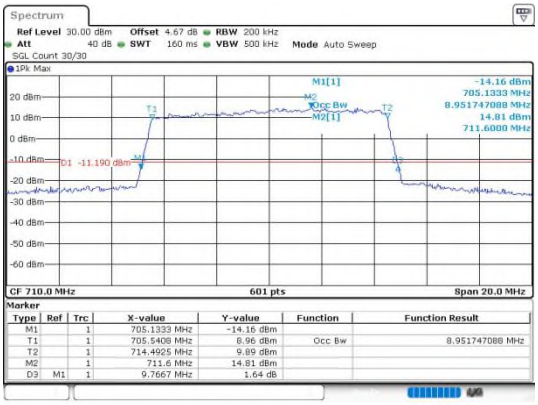
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.505	4.95	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.496	4.93	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.486	4.92	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.505	4.96	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.496	5.07	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.505	4.93	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.985	9.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.985	9.80	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.952	9.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.952	9.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.918	9.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.918	9.77	PASS

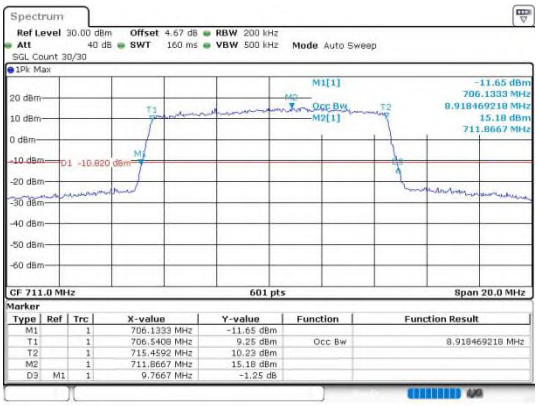
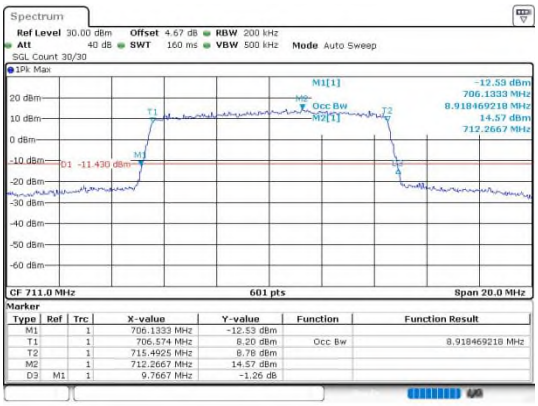
Band17-5MHz-QPSK-23755-25RB#0-PASS	Band17-5MHz-16QAM-23755-25RB#0-PASS
	

Band17-5MHz-QPSK-23790-25RB#0-PASS	Band17-5MHz-16QAM-23790-25RB#0-PASS
	

Band17-5MHz-QPSK-23825-25RB#0-PASS	Band17-5MHz-16QAM-23825-25RB#0-PASS
	

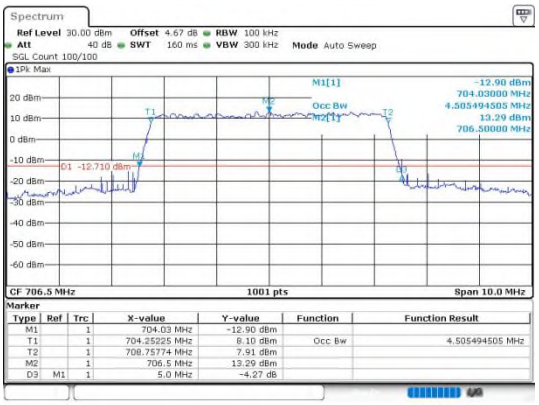
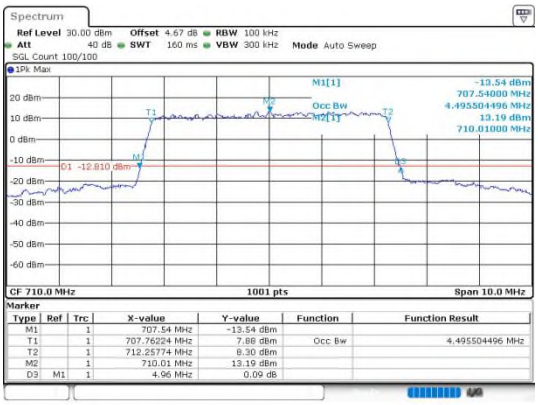
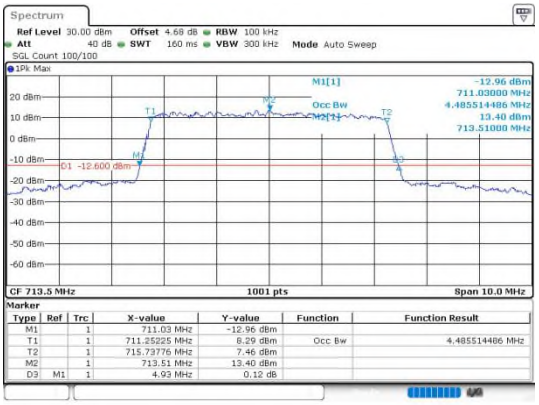
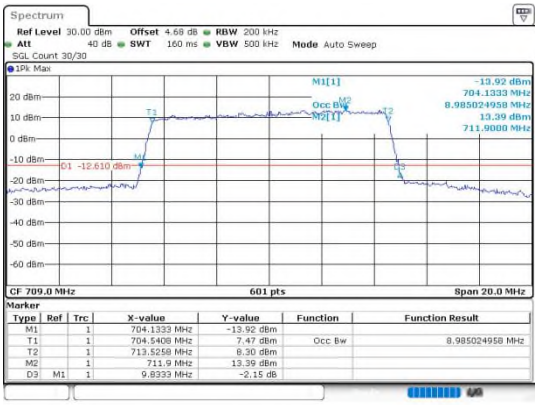
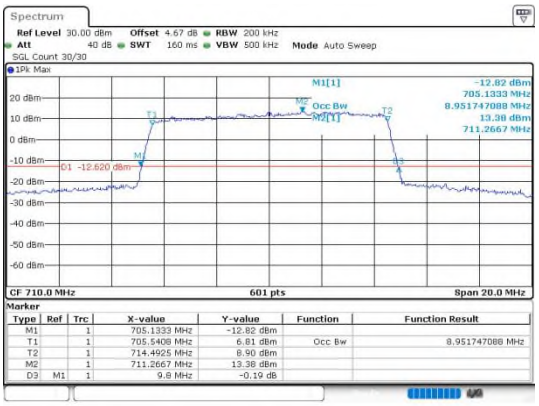
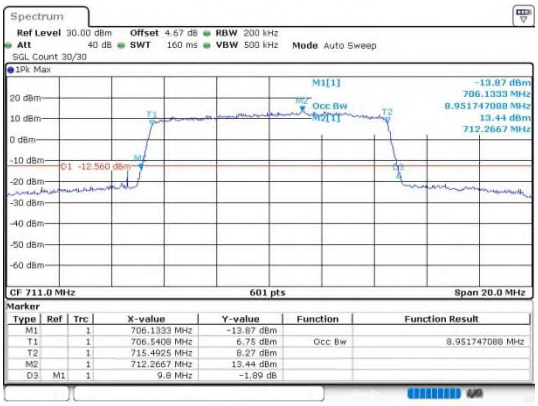
Band17-10MHz-QPSK-23780-50RB#0-PASS	Band17-10MHz-16QAM-23780-50RB#0-PASS
	

Band17-10MHz-QPSK-23790-50RB#0-PASS	Band17-10MHz-16QAM-23790-50RB#0-PASS
	

Band17-10MHz-QPSK-23800-50RB#0-PASS	Band17-10MHz-16QAM-23800-50RB#0-PASS
	

LTE Band 17 _ 64QAM

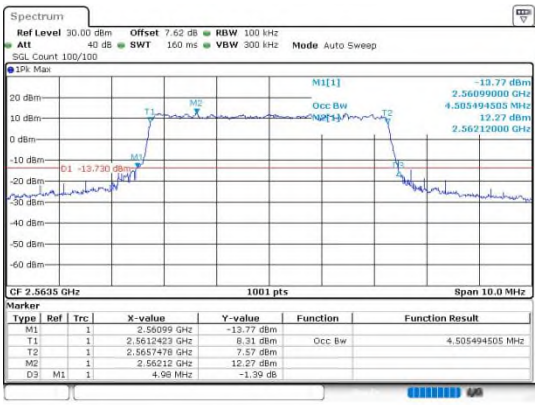
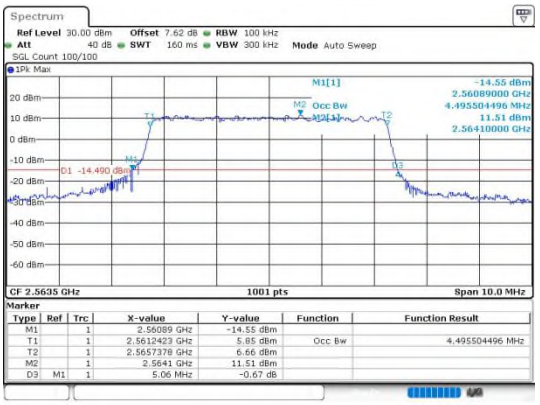
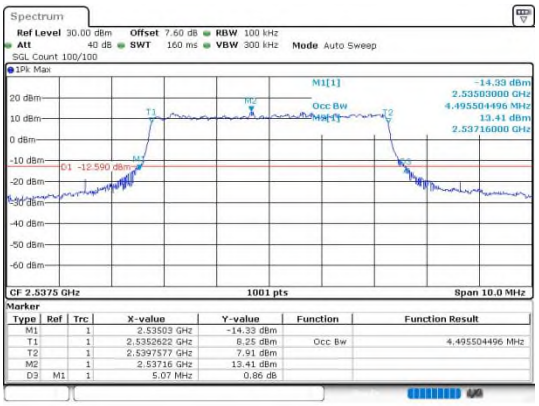
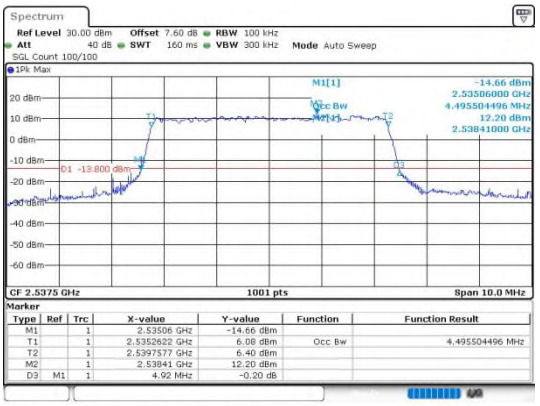
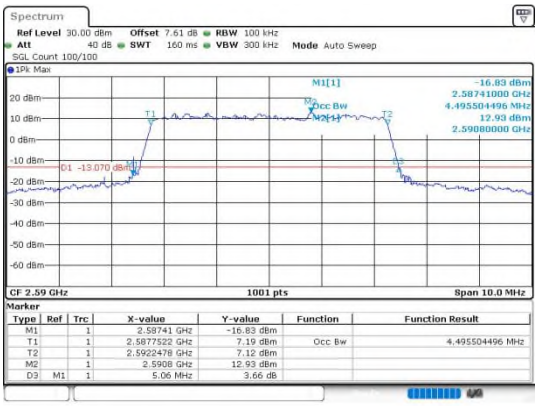
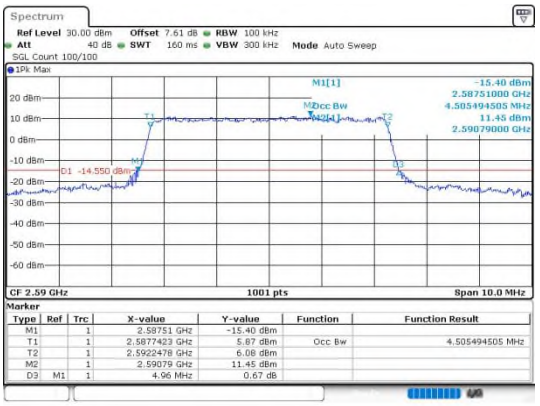
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	64QAM	23755	25RB#0	4.505	5.00	PASS
Band17	5MHz	64QAM	23790	25RB#0	4.496	4.96	PASS
Band17	5MHz	64QAM	23825	25RB#0	4.486	4.93	PASS
Band17	10MHz	64QAM	23780	50RB#0	8.985	9.83	PASS
Band17	10MHz	64QAM	23790	50RB#0	8.952	9.80	PASS
Band17	10MHz	64QAM	23800	50RB#0	8.952	9.80	PASS

Band17-5MHz-64QAM-23755-25RB#0-PASS	Band17-5MHz-64QAM-23790-25RB#0-PASS
	
Band17-5MHz-64QAM-23825-25RB#0-PASS	**Band17-10MHz-64QAM-23780-50RB#0-PASS**
	
Band17-10MHz-64QAM-23790-50RB#0-PASS	**Band17-10MHz-64QAM-23800-50RB#0-PASS**
	

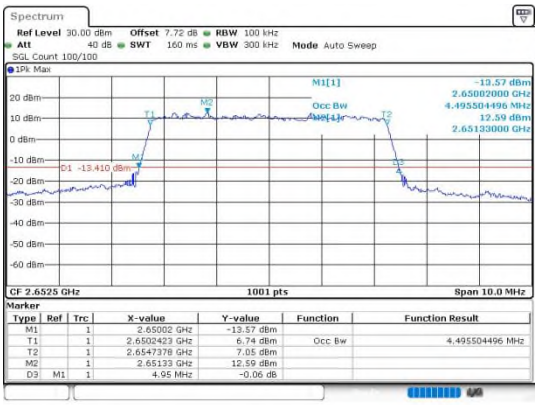
LTE Band 41 _ QPSK & 16QAM & 64QAM

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41(2535-2655)	5MHz	QPSK	40325	25RB#0	4.505	4.98	PASS
Band41(2535-2655)	5MHz	16QAM	40325	25RB#0	4.496	5.06	PASS
Band41(2535-2655)	5MHz	QPSK	40065	25RB#0	4.496	5.07	PASS
Band41(2535-2655)	5MHz	16QAM	40065	25RB#0	4.496	4.92	PASS
Band41(2535-2655)	5MHz	QPSK	40590	25RB#0	4.496	5.06	PASS
Band41(2535-2655)	5MHz	16QAM	40590	25RB#0	4.505	4.96	PASS
Band41(2535-2655)	5MHz	QPSK	41215	25RB#0	4.496	4.95	PASS
Band41(2535-2655)	5MHz	16QAM	41215	25RB#0	4.505	4.97	PASS
Band41(2535-2655)	5MHz	64QAM	40065	25RB#0	4.496	5.03	PASS
Band41(2535-2655)	5MHz	64QAM	40590	25RB#0	4.496	4.96	PASS
Band41(2535-2655)	5MHz	64QAM	41215	25RB#0	4.505	4.94	PASS
Band41(2535-2655)	10MHz	QPSK	40090	50RB#0	8.985	9.83	PASS
Band41(2535-2655)	10MHz	16QAM	40090	50RB#0	8.952	9.90	PASS
Band41(2535-2655)	10MHz	64QAM	40090	50RB#0	8.985	10.20	PASS
Band41(2535-2655)	10MHz	QPSK	40590	50RB#0	8.985	9.90	PASS
Band41(2535-2655)	10MHz	16QAM	40590	50RB#0	8.985	10.03	PASS
Band41(2535-2655)	10MHz	64QAM	40590	50RB#0	8.985	9.97	PASS
Band41(2535-2655)	10MHz	QPSK	41190	50RB#0	9.018	9.83	PASS
Band41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.952	10.27	PASS
Band41(2535-2655)	10MHz	64QAM	41190	50RB#0	9.018	10.10	PASS
Band41(2535-2655)	15MHz	QPSK	40115	75RB#0	13.478	14.85	PASS
Band41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.478	15.20	PASS
Band41(2535-2655)	15MHz	64QAM	40115	75RB#0	13.428	14.65	PASS
Band41(2535-2655)	15MHz	QPSK	40590	75RB#0	13.478	15.00	PASS
Band41(2535-2655)	15MHz	16QAM	40590	75RB#0	13.478	15.25	PASS
Band41(2535-2655)	15MHz	64QAM	40590	75RB#0	13.478	15.60	PASS
Band41(2535-2655)	15MHz	QPSK	41165	75RB#0	13.478	14.85	PASS
Band41(2535-2655)	15MHz	16QAM	41165	75RB#0	13.478	15.85	PASS
Band41(2535-2655)	15MHz	64QAM	41165	75RB#0	13.478	15.15	PASS
Band41(2535-2655)	20MHz	QPSK	40140	100RB#0	17.97	19.60	PASS
Band41(2535-2655)	20MHz	16QAM	40140	100RB#0	17.903	19.53	PASS
Band41(2535-2655)	20MHz	64QAM	40140	100RB#0	17.903	19.67	PASS
Band41(2535-2655)	20MHz	QPSK	40590	100RB#0	18.037	20.00	PASS

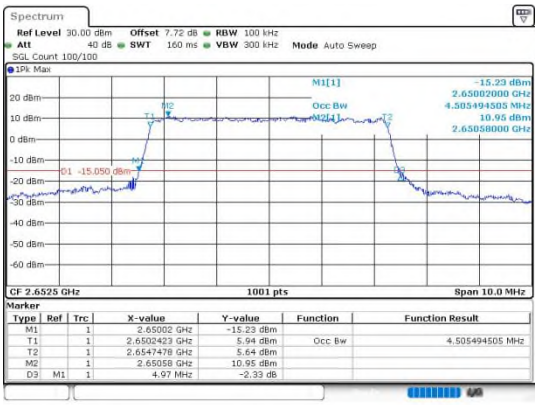
Band41(2535-2655)	20MHz	16QAM	40590	100RB#0	18.037	19.73	PASS
Band41(2535-2655)	20MHz	64QAM	40590	100RB#0	17.97	19.80	PASS
Band41(2535-2655)	20MHz	QPSK	41140	100RB#0	17.97	19.67	PASS
Band41(2535-2655)	20MHz	16QAM	41140	100RB#0	17.97	19.53	PASS
Band41(2535-2655)	20MHz	64QAM	41140	100RB#0	17.903	19.60	PASS

Band 41(2535-2655)-5MHz-QPSK-40325-25RB#0-PASS	Band 41(2535-2655)-5MHz-16QAM-40325-25RB#0-PASS
	
Band 41(2535-2655)-5MHz-QPSK-40065-25RB#0-PASS	**Band 41(2535-2655)-5MHz-16QAM-40065-25RB#0-PASS**
	
Band 41(2535-2655)-5MHz-QPSK-40590-25RB#0-PASS	**Band 41(2535-2655)-5MHz-16QAM-40590-25RB#0-PASS**
	

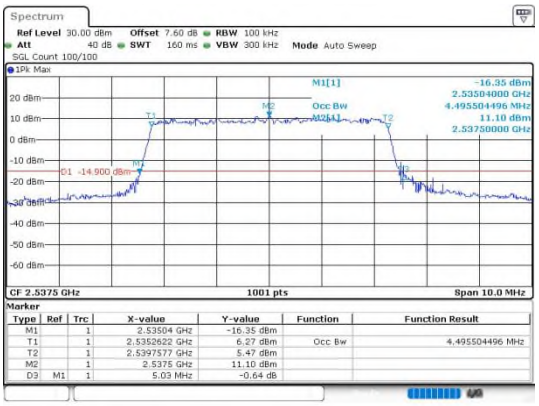
Band 41(2535-2655)-5MHz-QPSK-41215-25RB#0-PASS



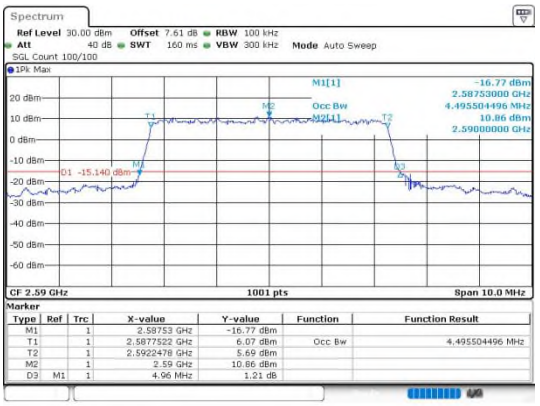
Band 41(2535-2655)-5MHz-16QAM-41215-25RB#0-PASS



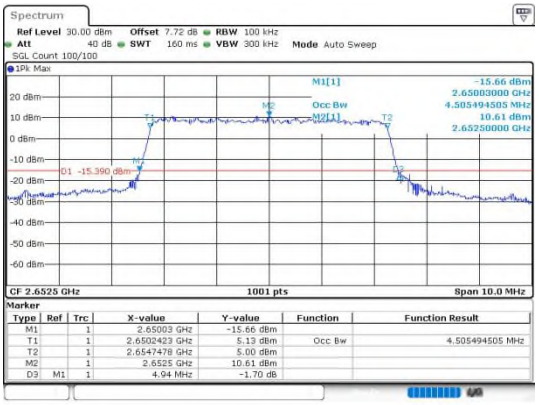
Band 41(2535-2655)-5MHz-64QAM-40065-25RB#0-PASS



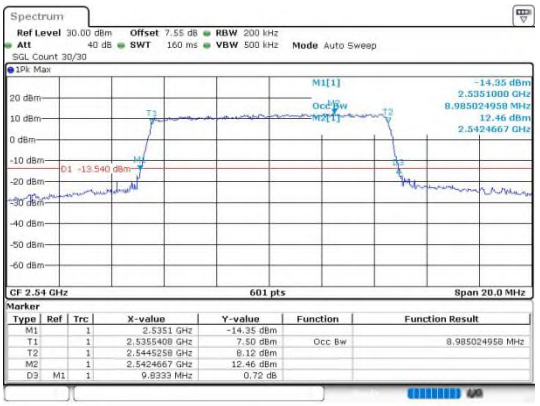
Band 41(2535-2655)-5MHz-64QAM-40590-25RB#0-PASS



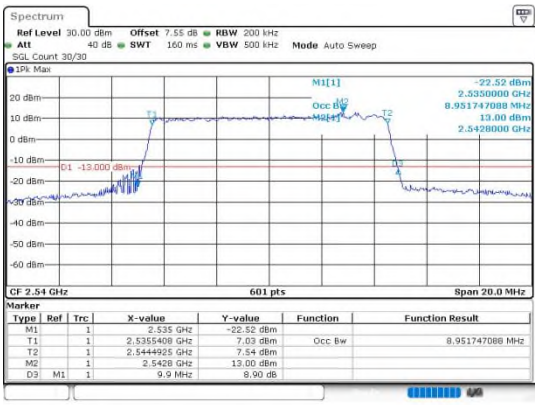
Band 41(2535-2655)-5MHz-64QAM-41215-25RB#0-PASS



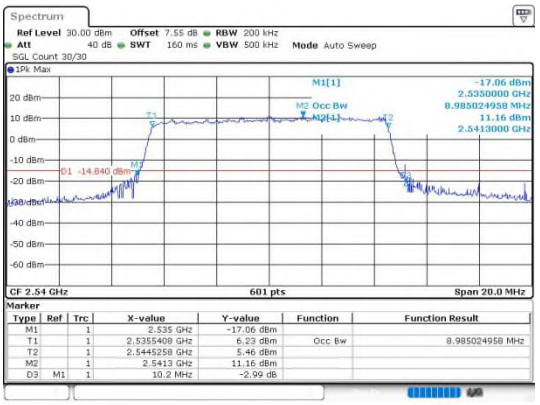
Band 41(2535-2655)-10MHz-QPSK-40090-50RB#0-PASS



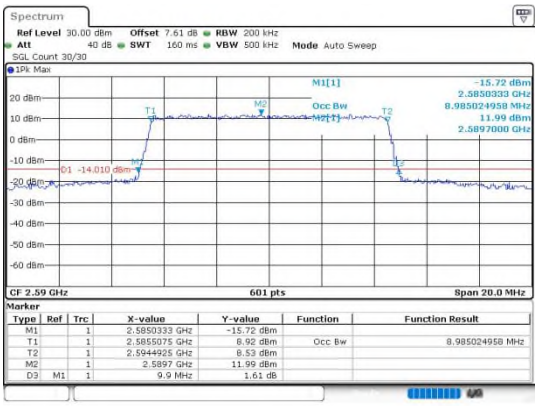
Band 41(2535-2655)-10MHz-16QAM-40090-50RB#0-PASS



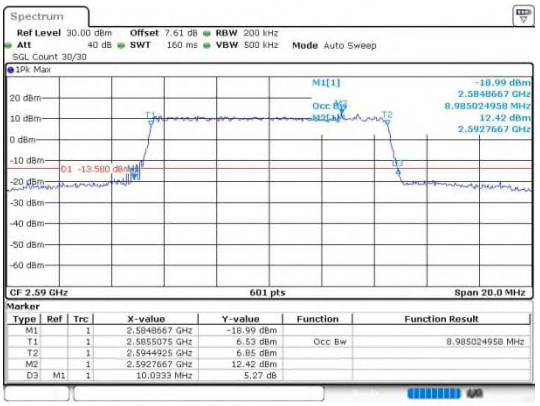
Band 41(2535-2655)-10MHz-64QAM-40090-50RB#0-PASS



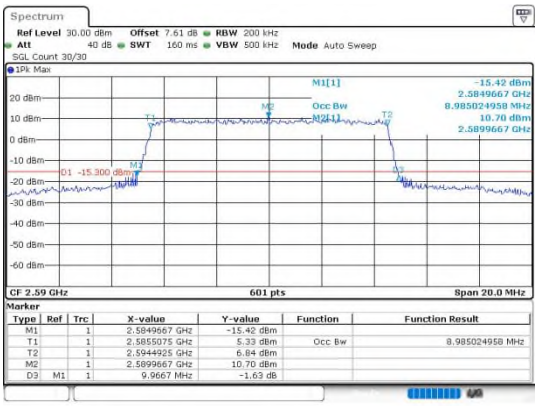
Band 41(2535-2655)-10MHz-QPSK-40590-50RB#0-PASS



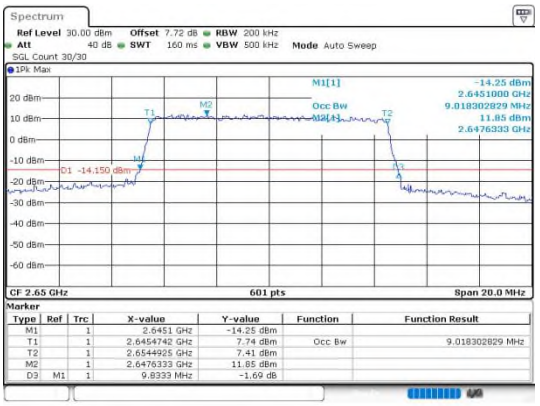
Band 41(2535-2655)-10MHz-16QAM-40590-50RB#0-PASS



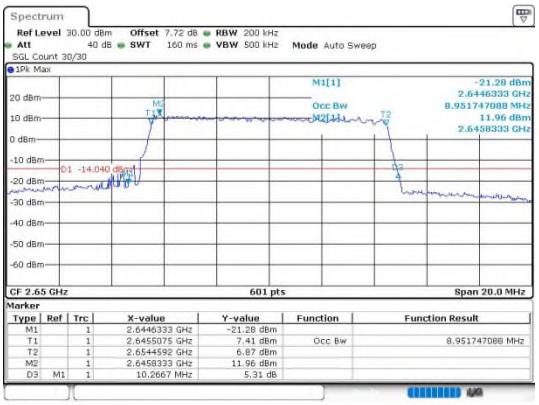
Band 41(2535-2655)-10MHz-64QAM-40590-50RB#0-PASS



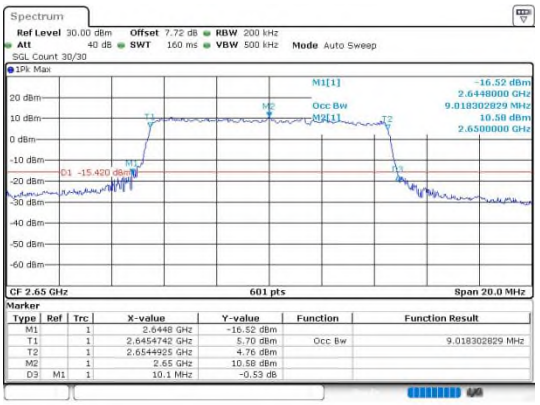
Band 41(2535-2655)-10MHz-QPSK-41190-50RB#0-PASS



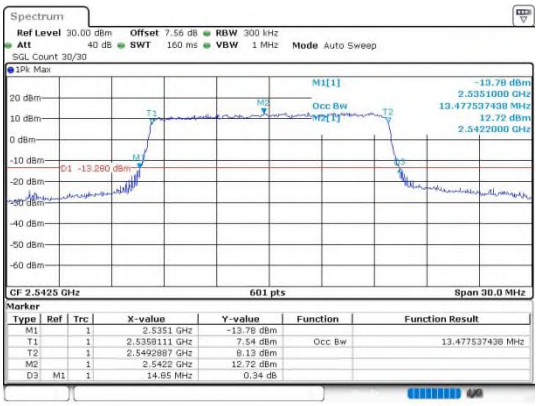
Band 41(2535-2655)-10MHz-16QAM-41190-50RB#0-PASS



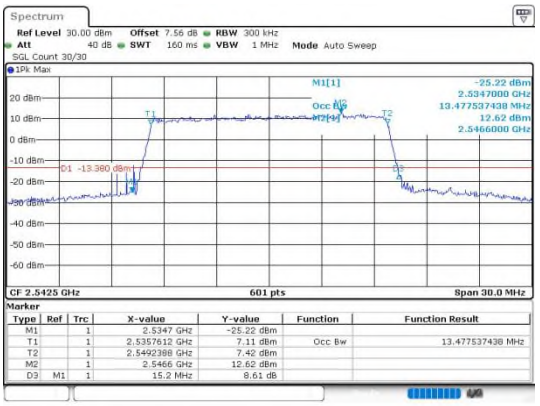
Band 41(2535-2655)-10MHz-64QAM-41190-50RB#0-PASS



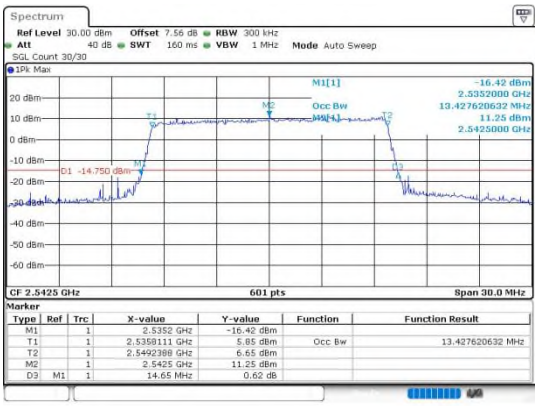
Band 41(2535-2655)-15MHz-QPSK-40115-75RB#0-PASS



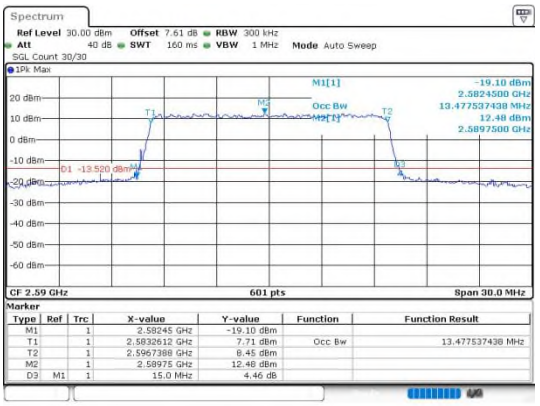
Band 41(2535-2655)-15MHz-16QAM-40115-75RB#0-PASS

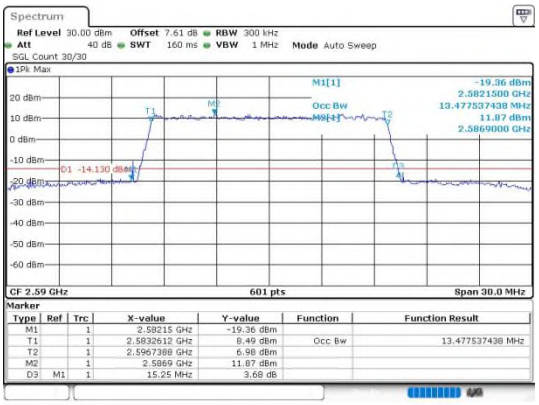
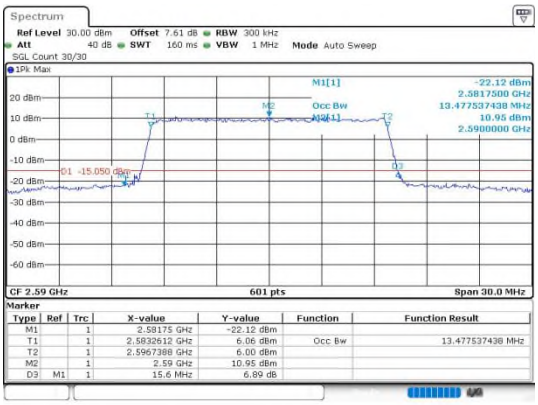
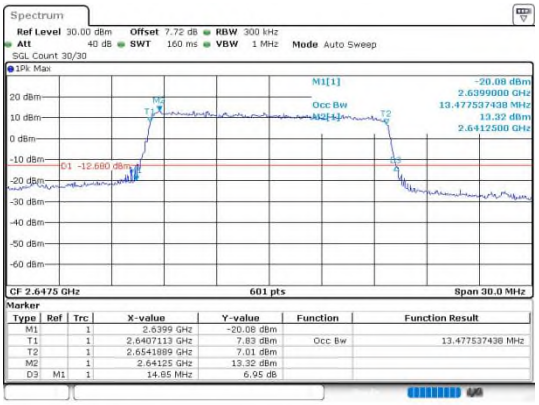
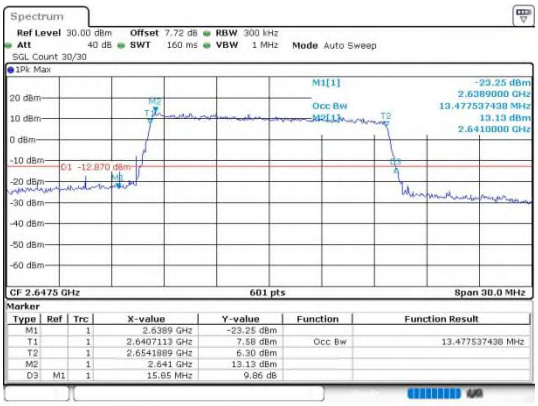
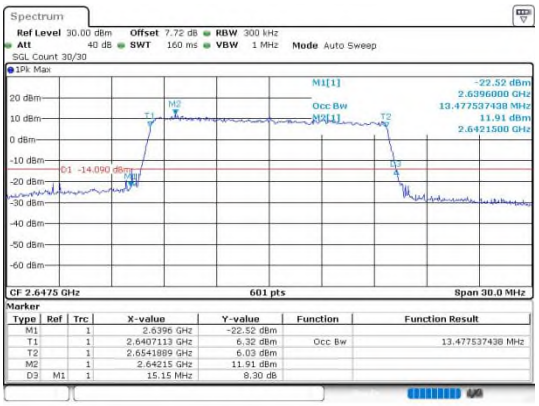
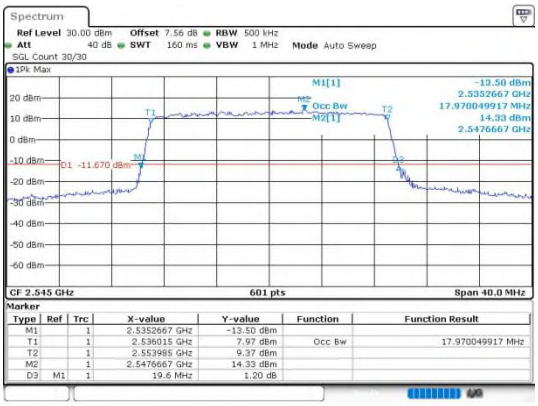


Band 41(2535-2655)-15MHz-64QAM-40115-75RB#0-PASS

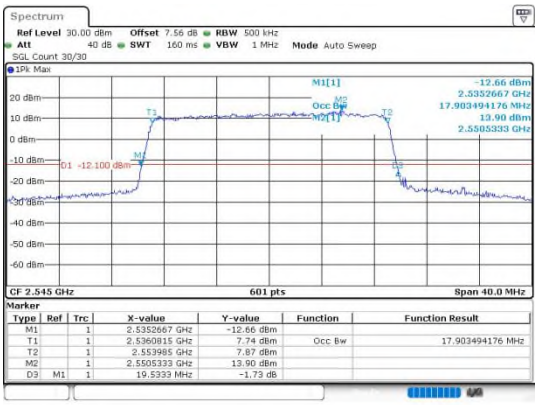


Band 41(2535-2655)-15MHz-QPSK-40590-75RB#0-PASS

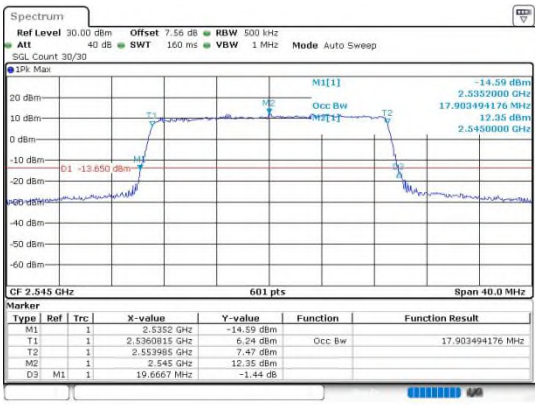


Band 41(2535-2655)-15MHz-16QAM-40590-75RB#0-PASS	Band 41(2535-2655)-15MHz-64QAM-40590-75RB#0-PASS
	
Band 41(2535-2655)-15MHz-QPSK-41165-75RB#0-PASS	**Band 41(2535-2655)-15MHz-16QAM-41165-75RB#0-PASS**
	
Band 41(2535-2655)-15MHz-64QAM-41165-75RB#0-PASS	**Band 41(2535-2655)-20MHz-QPSK-40140-100RB#0-PASS**
	

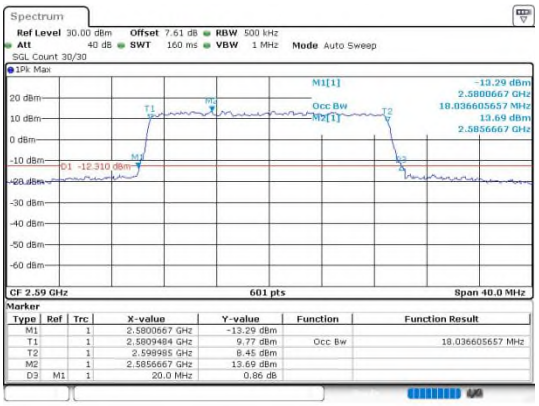
Band 41(2535-2655)-20MHz-16QAM-40140-100RB#0-PASS



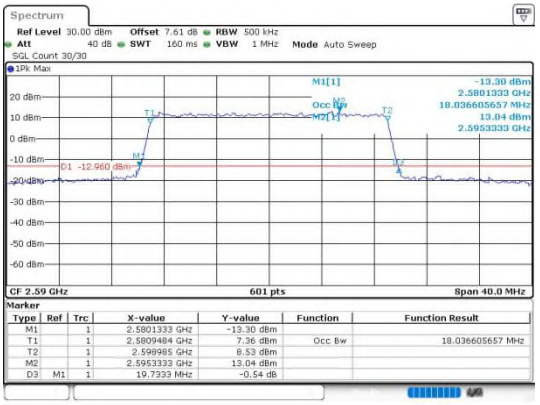
Band 41(2535-2655)-20MHz-64QAM-40140-100RB#0-PASS



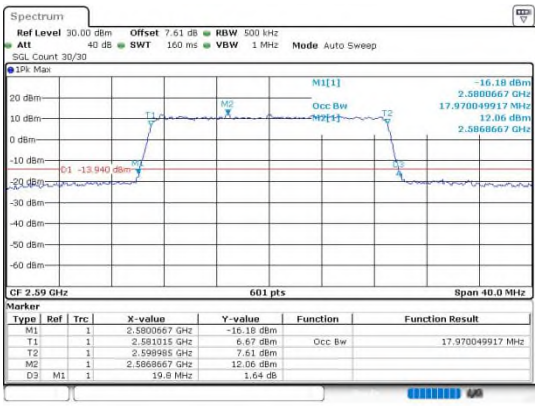
Band 41(2535-2655)-20MHz-QPSK-40590-100RB#0-PASS



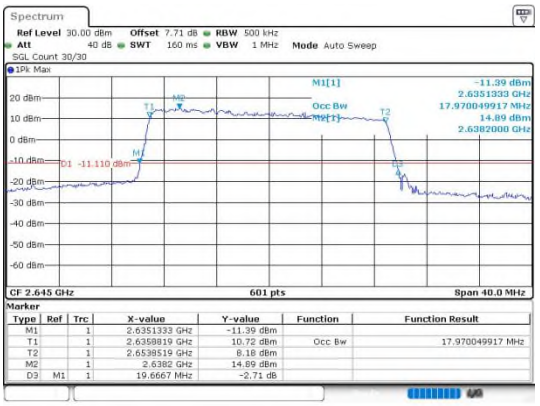
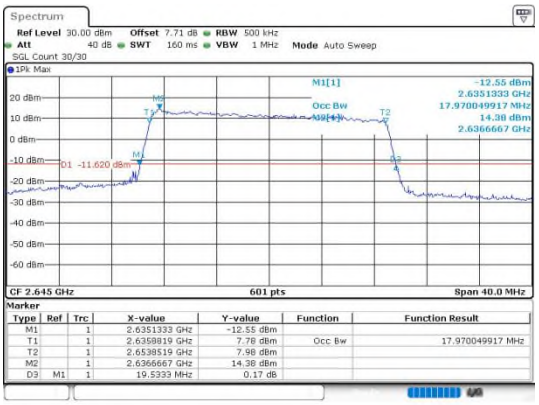
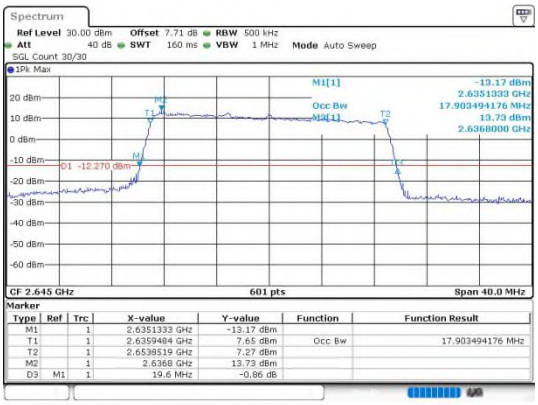
Band 41(2535-2655)-20MHz-16QAM-40590-100RB#0-PASS



Band 41(2535-2655)-20MHz-64QAM-40590-100RB#0-PASS



Band 41(2535-2655)-20MHz-QPSK-41140-100RB#0-PASS



Band 41(2535-2655)-20MHz-16QAM-41140-100RB#0-PASS	Band 41(2535-2655)-20MHz-64QAM-41140-100RB#0-PASS