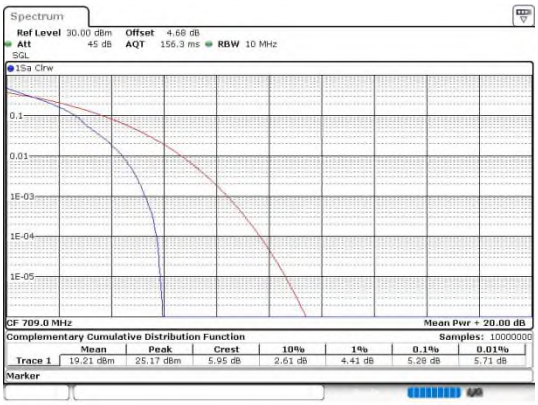
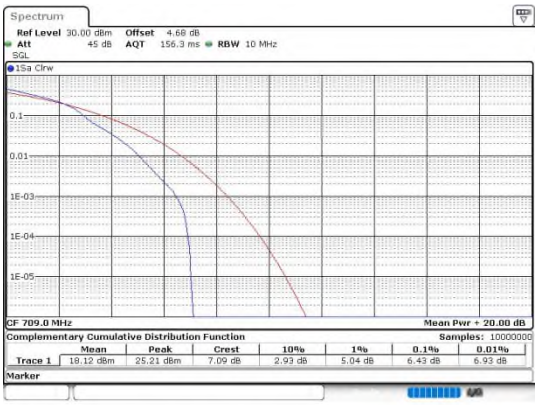
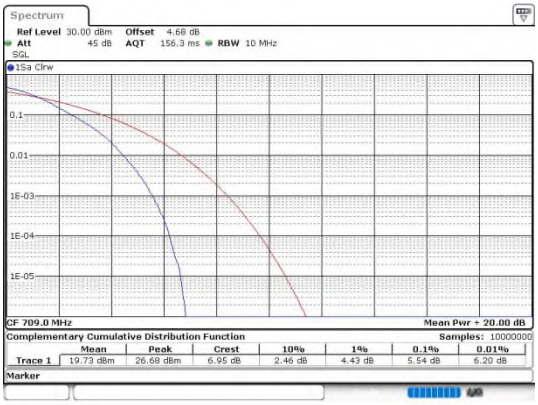
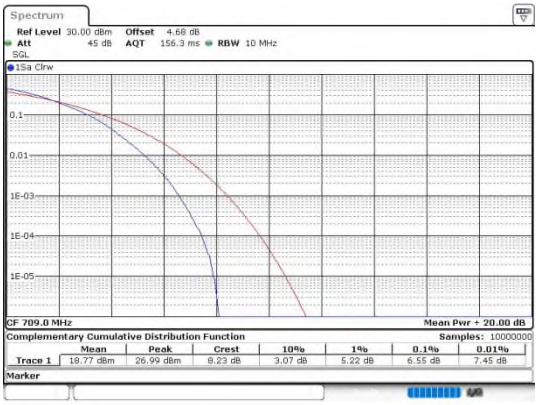
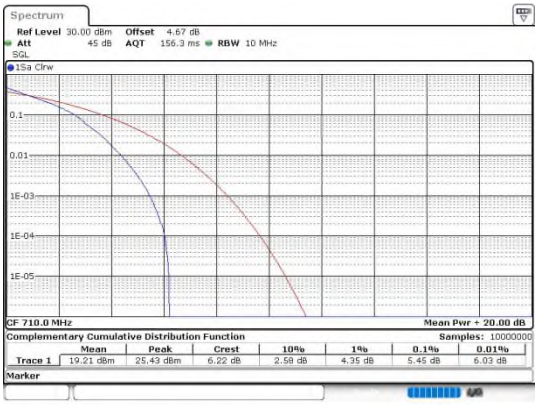
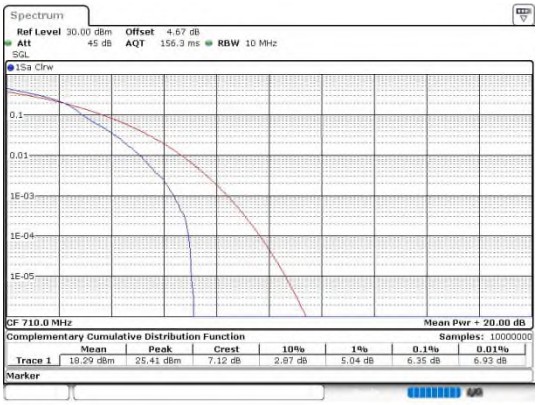
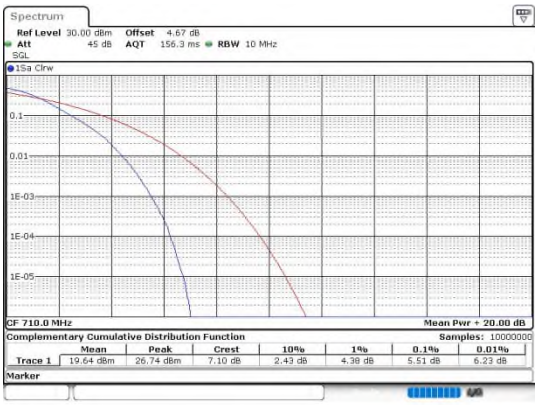
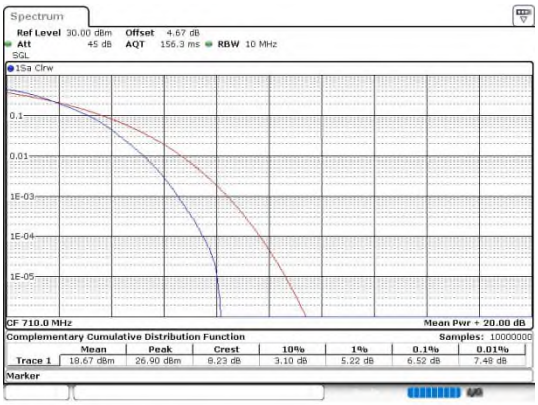
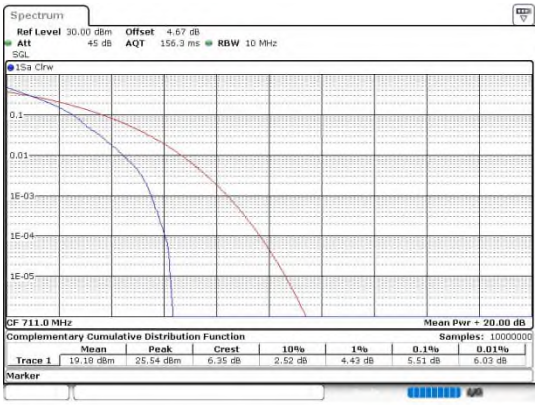
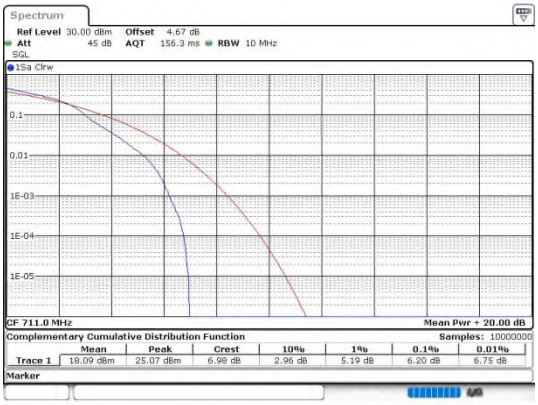
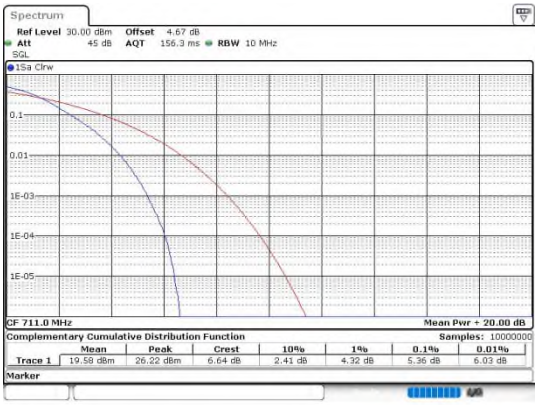
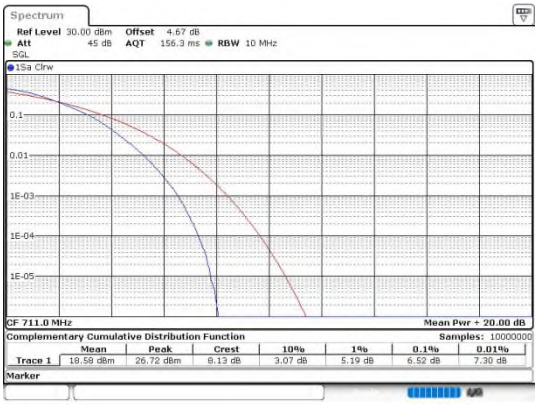
Band17-10MHz-QPSK-23780-1RB#0-PASS	Band17-10MHz-16QAM-23780-1RB#0-PASS
	
Band17-10MHz-QPSK-23780-50RB#0-PASS	**Band17-10MHz-16QAM-23780-50RB#0-PASS**
	
Band17-10MHz-QPSK-23790-1RB#0-PASS	**Band17-10MHz-16QAM-23790-1RB#0-PASS**
	

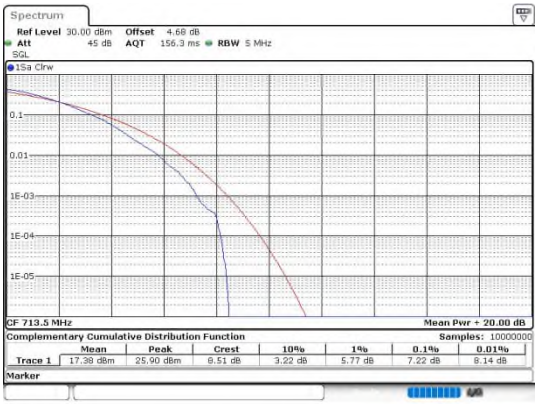
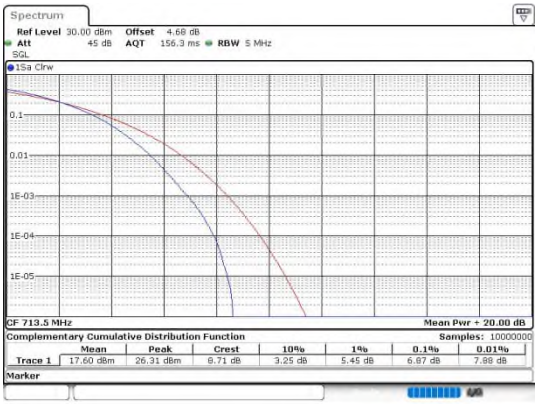
Band17-10MHz-QPSK-23790-50RB#0-PASS	Band17-10MHz-16QAM-23790-50RB#0-PASS
	
Band17-10MHz-QPSK-23800-1RB#0-PASS	**Band17-10MHz-16QAM-23800-1RB#0-PASS**
	
Band17-10MHz-QPSK-23800-50RB#0-PASS	**Band17-10MHz-16QAM-23800-50RB#0-PASS**
	

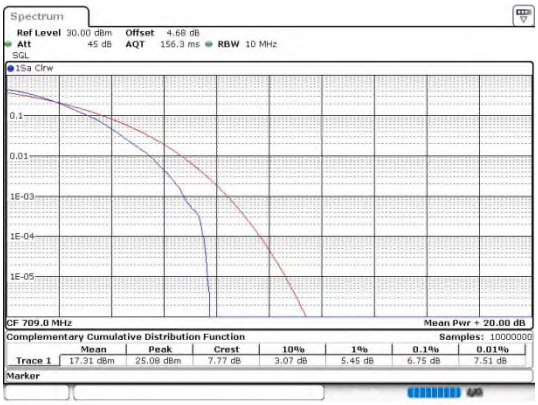
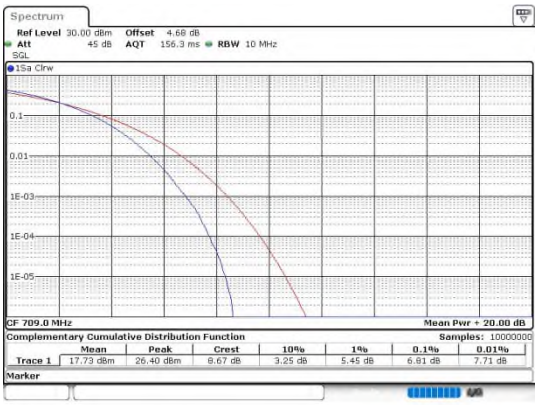
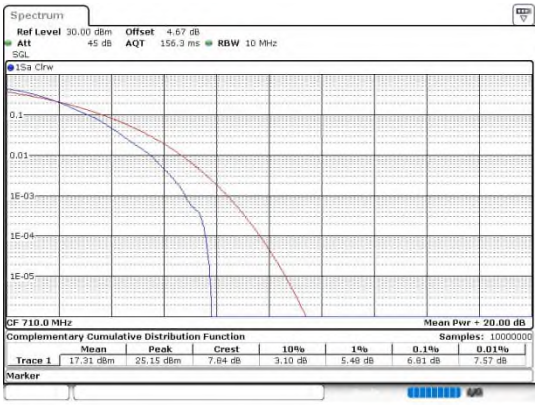
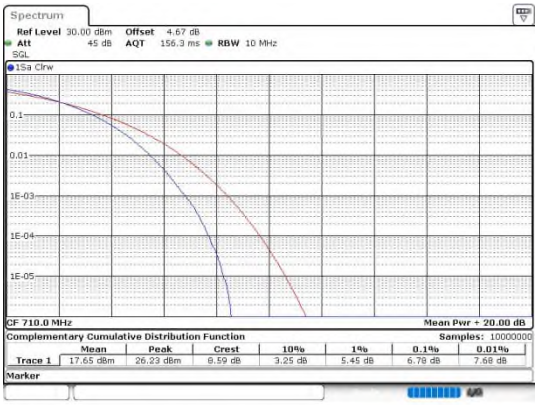
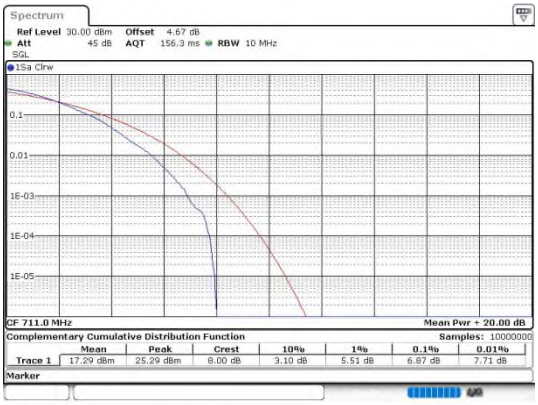
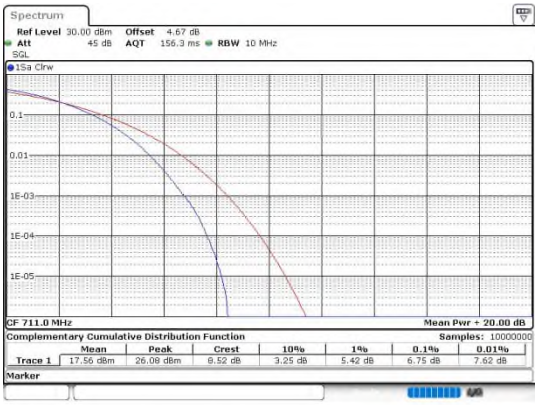
LTE Band 17 _ 64QAM

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	64QAM	23755	1RB#0	6.78	13	PASS
Band17	5MHz	64QAM	23755	25RB#0	6.78	13	PASS
Band17	5MHz	64QAM	23790	1RB#0	7.01	13	PASS
Band17	5MHz	64QAM	23790	25RB#0	6.90	13	PASS
Band17	5MHz	64QAM	23825	1RB#0	7.22	13	PASS
Band17	5MHz	64QAM	23825	25RB#0	6.87	13	PASS
Band17	10MHz	64QAM	23780	1RB#0	6.75	13	PASS
Band17	10MHz	64QAM	23780	50RB#0	6.81	13	PASS
Band17	10MHz	64QAM	23790	1RB#0	6.81	13	PASS
Band17	10MHz	64QAM	23790	50RB#0	6.78	13	PASS
Band17	10MHz	64QAM	23800	1RB#0	6.87	13	PASS
Band17	10MHz	64QAM	23800	50RB#0	6.75	13	PASS

Band17-5MHz-64QAM-23755-1RB#0-PASS	Band17-5MHz-64QAM-23755-25RB#0-PASS

Band17-5MHz-64QAM-23790-1RB#0-PASS	Band17-5MHz-64QAM-23790-25RB#0-PASS

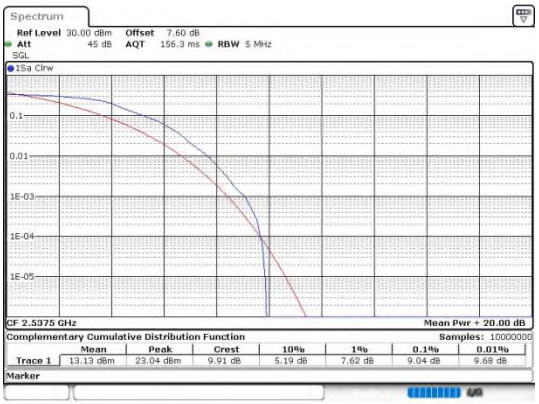
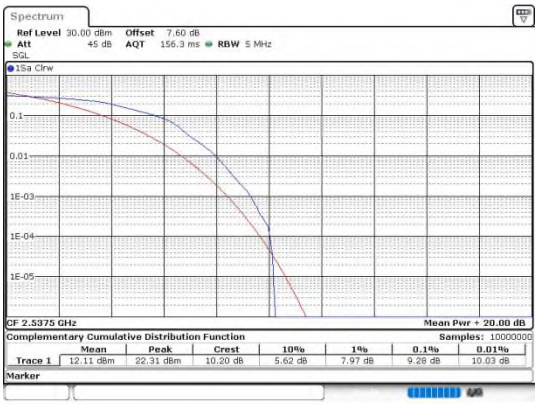
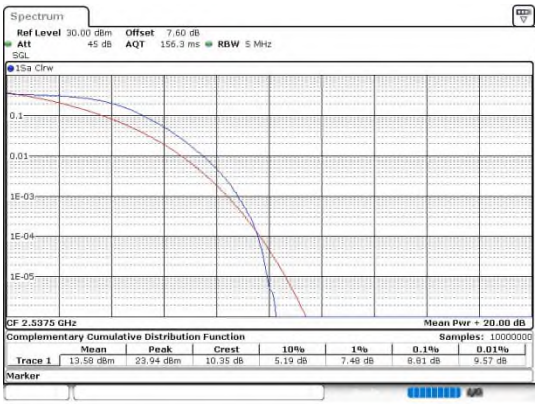
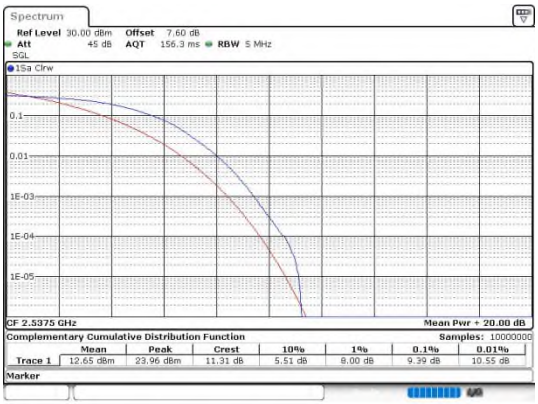
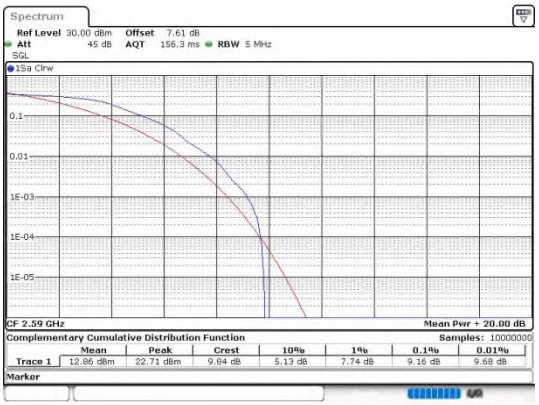
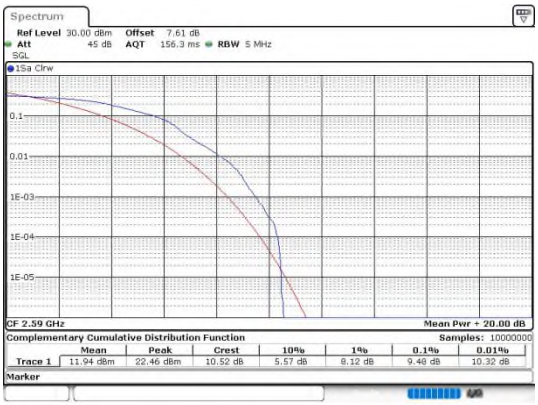
Band17-5MHz-64QAM-23825-1RB#0-PASS	Band17-5MHz-64QAM-23825-25RB#0-PASS
	

Band17-10MHz-64QAM-23780-1RB#0-PASS	Band17-10MHz-64QAM-23780-50RB#0-PASS
	
Band17-10MHz-64QAM-23790-1RB#0-PASS	**Band17-10MHz-64QAM-23790-50RB#0-PASS**
	
Band17-10MHz-64QAM-23800-1RB#0-PASS	**Band17-10MHz-64QAM-23800-50RB#0-PASS**
	

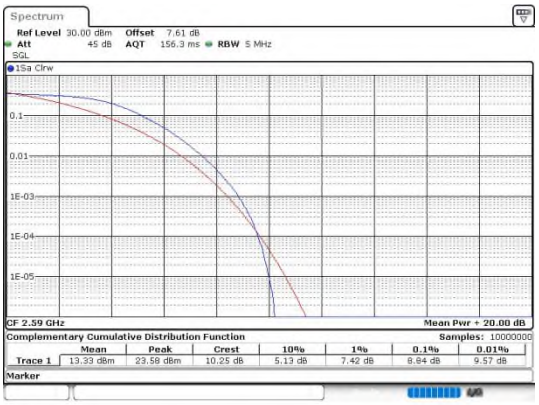
LTE Band 41 _ QPSK & 16QAM & 64QAM

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41(2535-2655)	5MHz	QPSK	40065	1RB#0	9.04	13	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#0	9.28	13	PASS
41(2535-2655)	5MHz	QPSK	40065	25RB#0	8.81	13	PASS
41(2535-2655)	5MHz	16QAM	40065	25RB#0	9.39	13	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	9.16	13	PASS
41(2535-2655)	5MHz	16QAM	40590	1RB#0	9.48	13	PASS
41(2535-2655)	5MHz	QPSK	40590	25RB#0	8.84	13	PASS
41(2535-2655)	5MHz	16QAM	40590	25RB#0	9.57	13	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	8.46	13	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#0	9.65	13	PASS
41(2535-2655)	5MHz	QPSK	41215	25RB#0	9.04	13	PASS
41(2535-2655)	5MHz	16QAM	41215	25RB#0	9.68	13	PASS
41(2535-2655)	5MHz	64QAM	40065	1RB#0	8.38	13	PASS
41(2535-2655)	5MHz	64QAM	40065	25RB#0	8.03	13	PASS
41(2535-2655)	5MHz	64QAM	40590	1RB#0	8.38	13	PASS
41(2535-2655)	5MHz	64QAM	40590	25RB#0	8.09	13	PASS
41(2535-2655)	5MHz	64QAM	41215	1RB#0	8.90	13	PASS
41(2535-2655)	5MHz	64QAM	41215	25RB#0	8.29	13	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	7.59	13	PASS
41(2535-2655)	10MHz	16QAM	40090	1RB#0	8.43	13	PASS
41(2535-2655)	10MHz	64QAM	40090	1RB#0	8.49	13	PASS
41(2535-2655)	10MHz	QPSK	40090	50RB#0	7.13	13	PASS
41(2535-2655)	10MHz	16QAM	40090	50RB#0	7.83	13	PASS
41(2535-2655)	10MHz	64QAM	40090	50RB#0	8.09	13	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	7.42	13	PASS
41(2535-2655)	10MHz	16QAM	40590	1RB#0	8.23	13	PASS
41(2535-2655)	10MHz	64QAM	40590	1RB#0	8.32	13	PASS
41(2535-2655)	10MHz	QPSK	40590	50RB#0	7.10	13	PASS
41(2535-2655)	10MHz	16QAM	40590	50RB#0	7.83	13	PASS
41(2535-2655)	10MHz	64QAM	40590	50RB#0	8.03	13	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	8.12	13	PASS
41(2535-2655)	10MHz	16QAM	41190	1RB#0	8.81	13	PASS
41(2535-2655)	10MHz	64QAM	41190	1RB#0	8.75	13	PASS
41(2535-2655)	10MHz	QPSK	41190	50RB#0	7.51	13	PASS
41(2535-2655)	10MHz	16QAM	41190	50RB#0	8.23	13	PASS

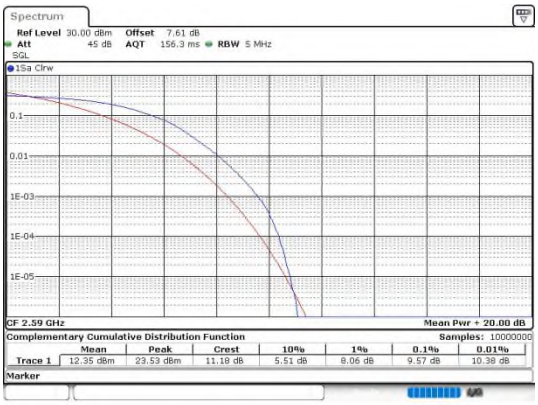
41(2535-2655)	10MHz	64QAM	41190	50RB#0	8.29	13	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	7.68	13	PASS
41(2535-2655)	15MHz	16QAM	40115	1RB#0	8.46	13	PASS
41(2535-2655)	15MHz	64QAM	40115	1RB#0	8.38	13	PASS
41(2535-2655)	15MHz	QPSK	40115	75RB#0	6.67	13	PASS
41(2535-2655)	15MHz	16QAM	40115	75RB#0	7.80	13	PASS
41(2535-2655)	15MHz	64QAM	40115	75RB#0	8.00	13	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#0	7.48	13	PASS
41(2535-2655)	15MHz	16QAM	40590	1RB#0	8.29	13	PASS
41(2535-2655)	15MHz	16QAM	40590	75RB#0	7.74	13	PASS
41(2535-2655)	15MHz	64QAM	40590	75RB#0	7.97	13	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	7.97	13	PASS
41(2535-2655)	15MHz	16QAM	41165	1RB#0	8.72	13	PASS
41(2535-2655)	15MHz	QPSK	41165	75RB#0	6.99	13	PASS
41(2535-2655)	15MHz	16QAM	41165	75RB#0	8.03	13	PASS
41(2535-2655)	15MHz	64QAM	41165	75RB#0	8.26	13	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	7.59	13	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#0	8.35	13	PASS
41(2535-2655)	20MHz	64QAM	40140	1RB#0	8.35	13	PASS
41(2535-2655)	20MHz	QPSK	40140	100RB#0	6.12	13	PASS
41(2535-2655)	20MHz	16QAM	40140	100RB#0	7.74	13	PASS
41(2535-2655)	20MHz	64QAM	40140	100RB#0	8.12	13	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	7.48	13	PASS
41(2535-2655)	20MHz	16QAM	40590	1RB#0	8.26	13	PASS
41(2535-2655)	20MHz	64QAM	40590	1RB#0	8.43	13	PASS
41(2535-2655)	20MHz	QPSK	40590	100RB#0	6.12	13	PASS
41(2535-2655)	20MHz	16QAM	40590	100RB#0	7.71	13	PASS
41(2535-2655)	20MHz	64QAM	40590	100RB#0	8.00	13	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	7.88	13	PASS
41(2535-2655)	15MHz	64QAM	40590	1RB#0	8.35	13	PASS
41(2535-2655)	15MHz	QPSK	40590	75RB#0	6.70	13	PASS
41(2535-2655)	15MHz	64QAM	41165	1RB#0	8.81	13	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#0	8.58	13	PASS
41(2535-2655)	20MHz	64QAM	41140	1RB#0	8.72	13	PASS
41(2535-2655)	20MHz	QPSK	41140	100RB#0	6.41	13	PASS
41(2535-2655)	20MHz	16QAM	41140	100RB#0	7.88	13	PASS
41(2535-2655)	20MHz	64QAM	41140	100RB#0	8.20	13	PASS

41(2535-2655)-5MHz-QPSK-40065-1RB#0-PASS	41(2535-2655)-5MHz-16QAM-40065-1RB#0-PASS
	
41(2535-2655)-5MHz-QPSK-40065-25RB#0-PASS	**41(2535-2655)-5MHz-16QAM-40065-25RB#0-PASS**
	
41(2535-2655)-5MHz-QPSK-40590-1RB#0-PASS	**41(2535-2655)-5MHz-16QAM-40590-1RB#0-PASS**
	

41(2535-2655)-5MHz-QPSK-40590-25RB#0-PASS



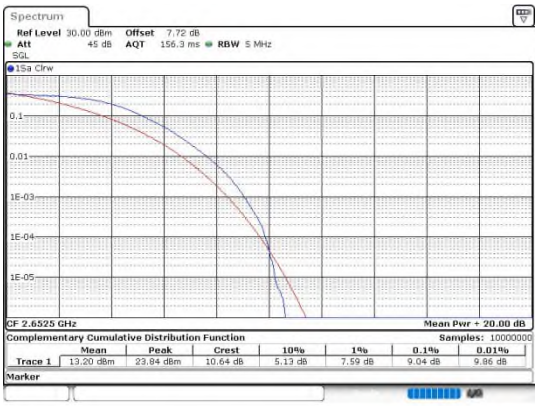
41(2535-2655)-5MHz-16QAM-40590-25RB#0-PASS



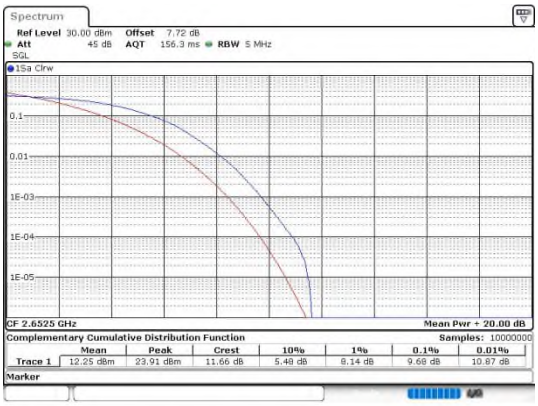
41(2535-2655)-5MHz-QPSK-41215-1RB#0-PASS

41(2535-2655)-5MHz-16QAM-41215-1RB#0-PASS

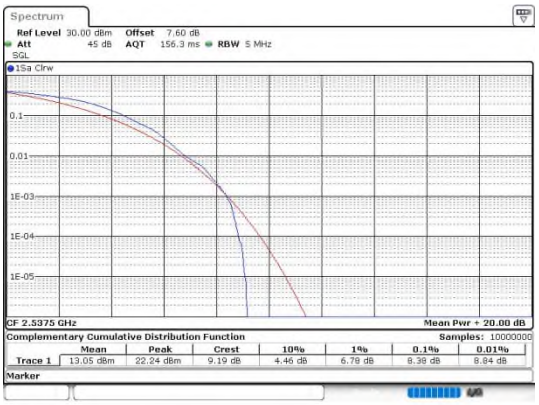
41(2535-2655)-5MHz-QPSK-41215-25RB#0-PASS



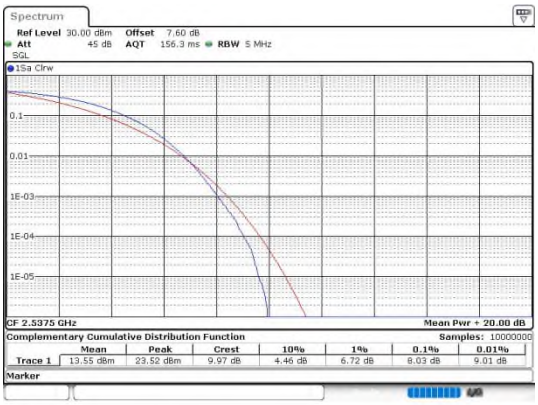
41(2535-2655)-5MHz-16QAM-41215-25RB#0-PASS



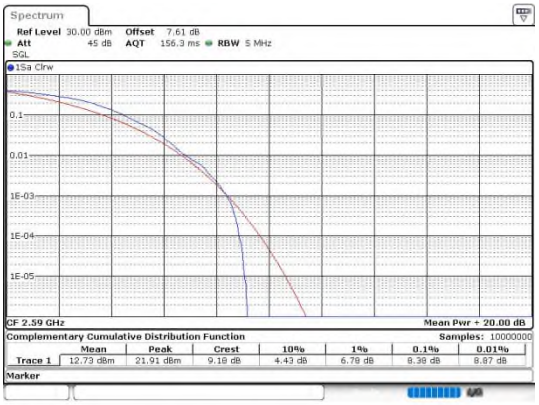
41(2535-2655)-5MHz-64QAM-40065-1RB#0-PASS



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



41(2535-2655)-5MHz-64QAM-40590-1RB#0-PASS



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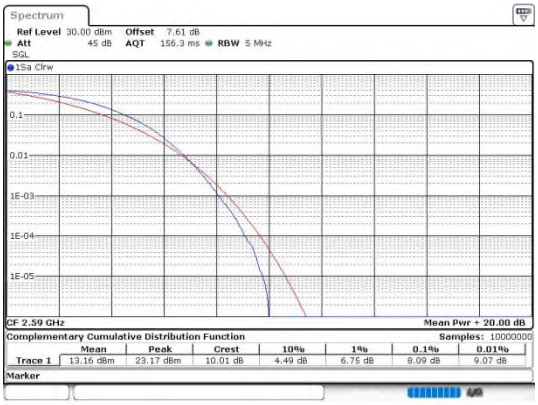

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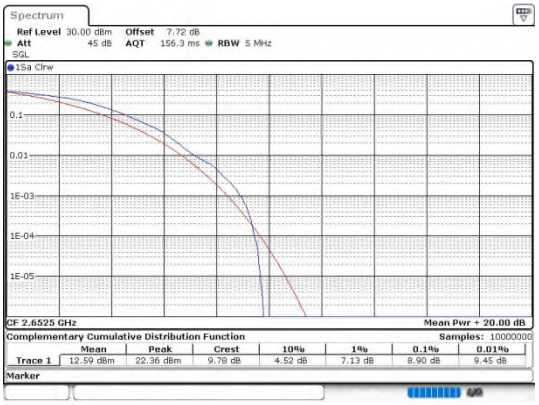

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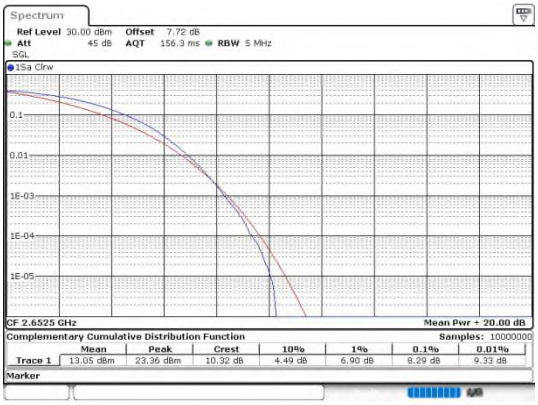

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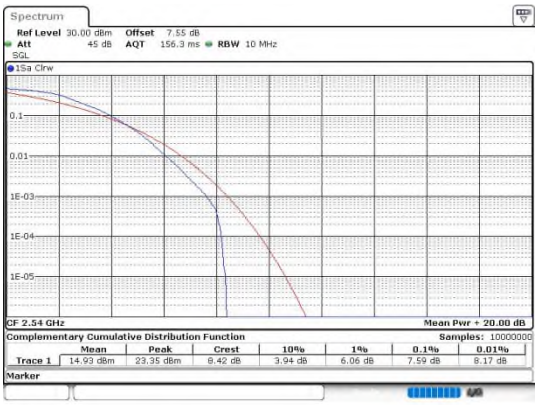

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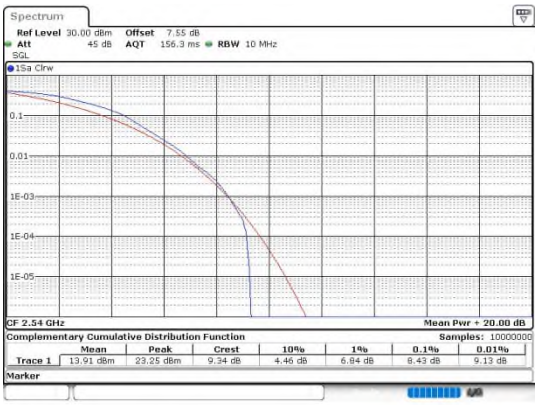

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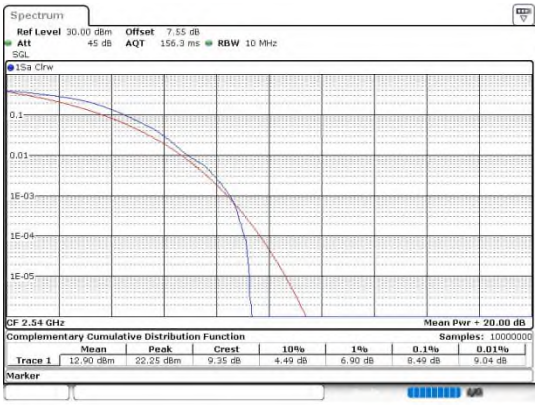

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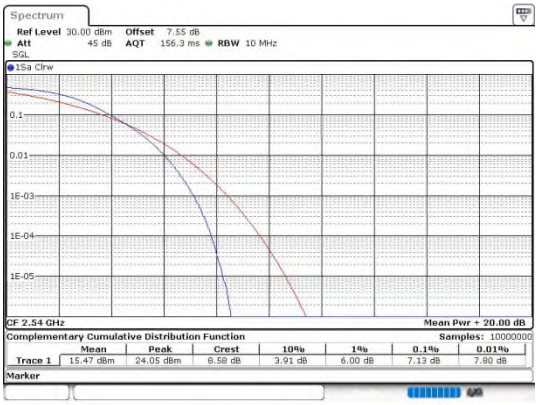

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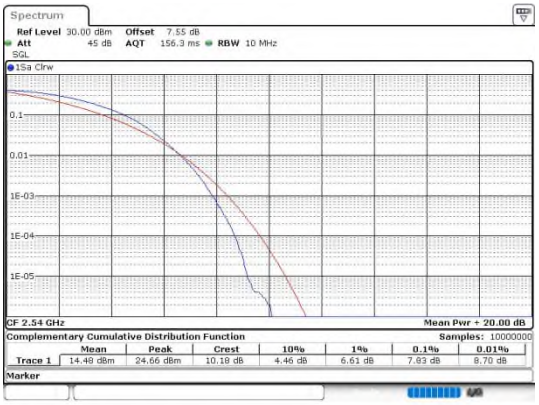

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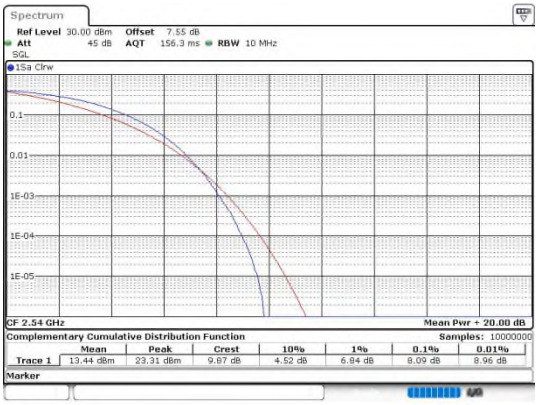

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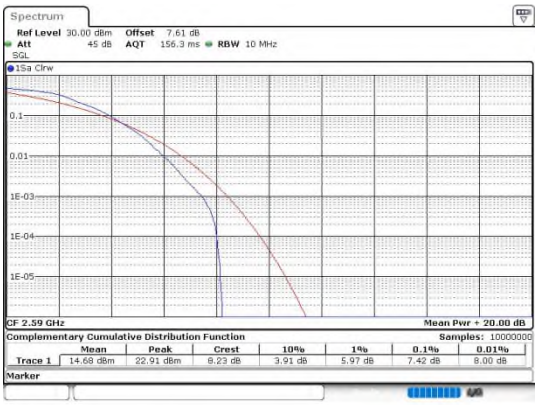

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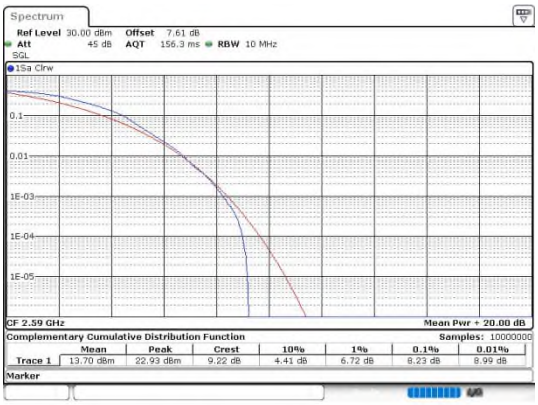

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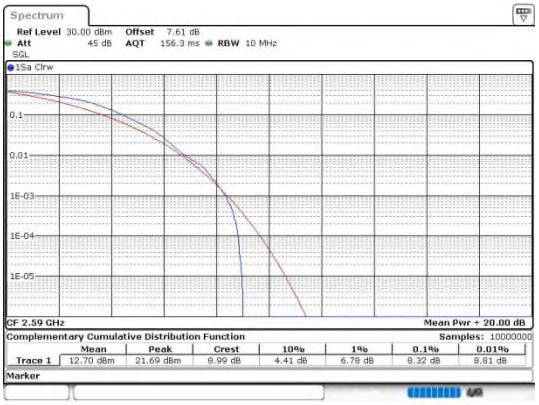

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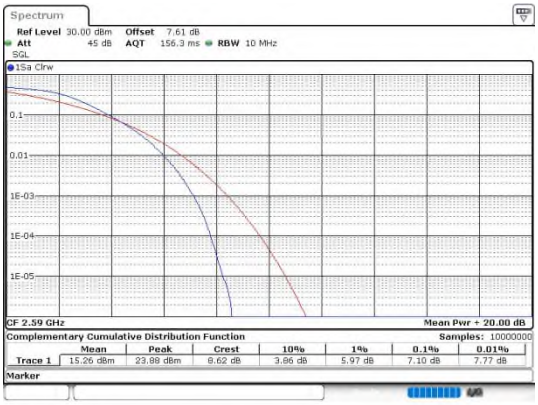

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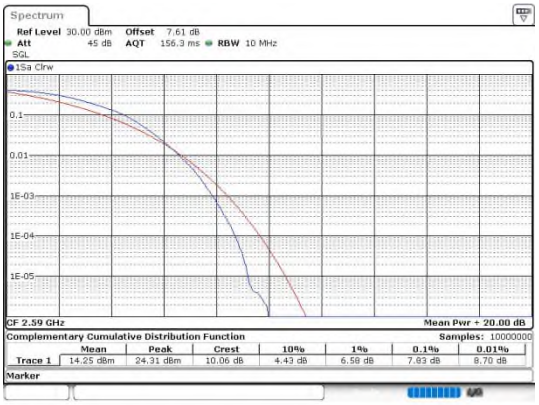

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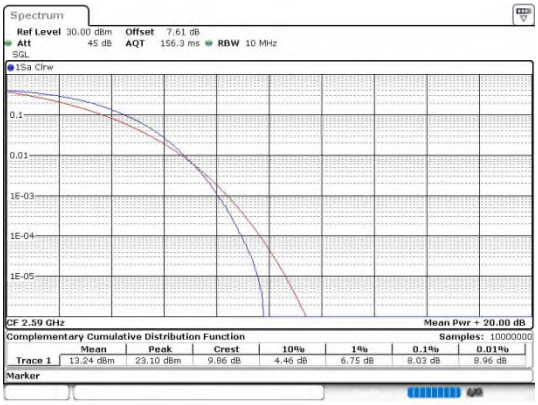

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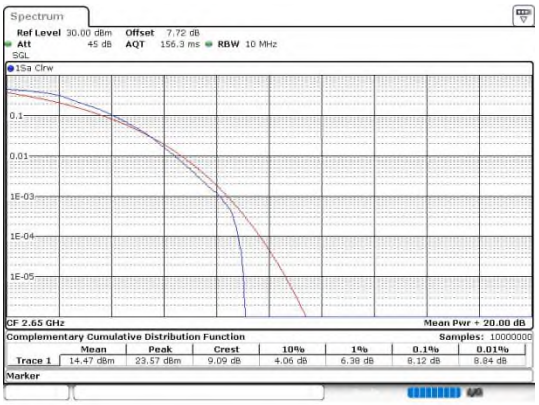

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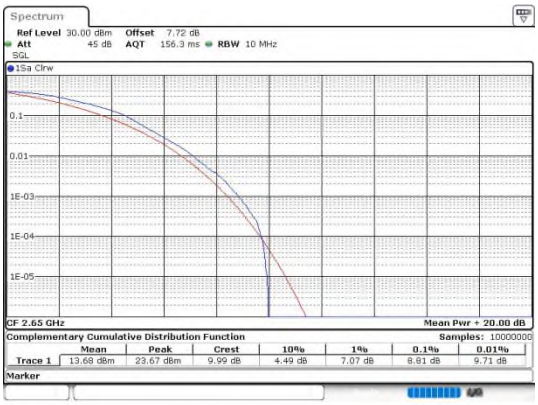

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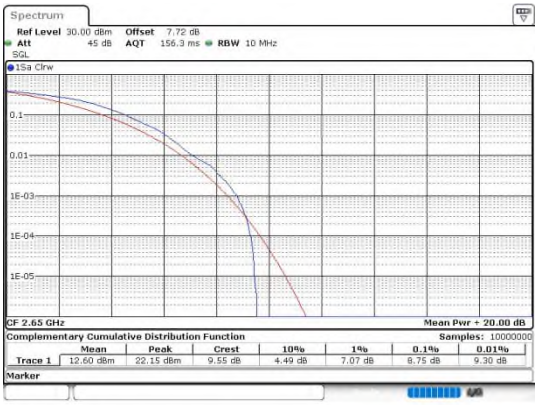

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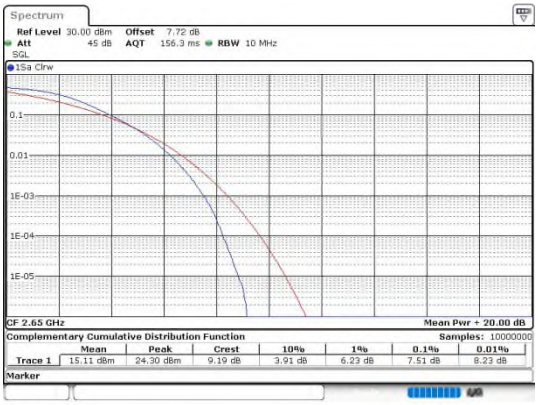

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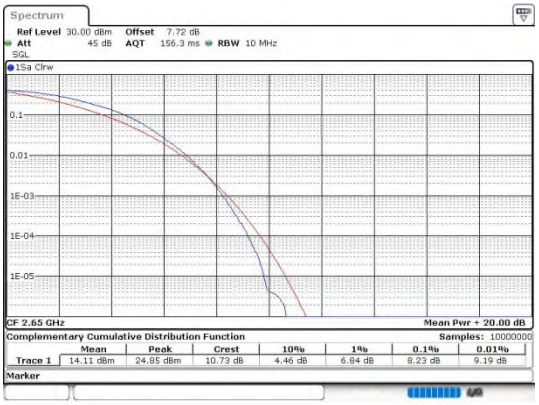

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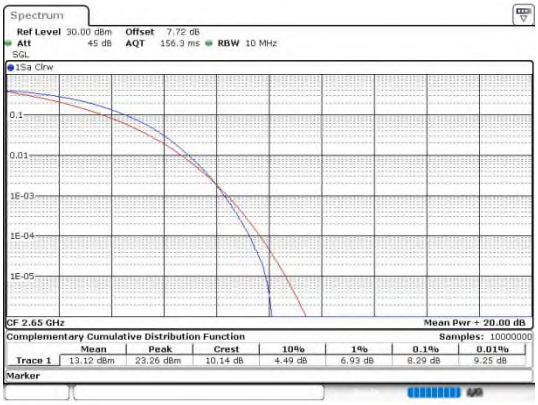

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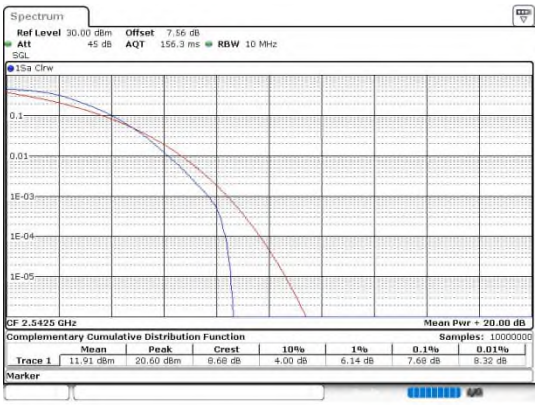

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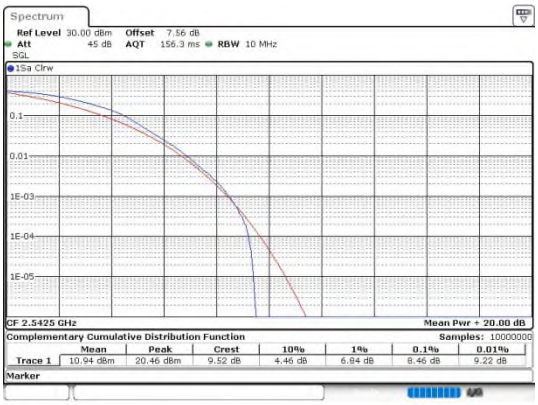

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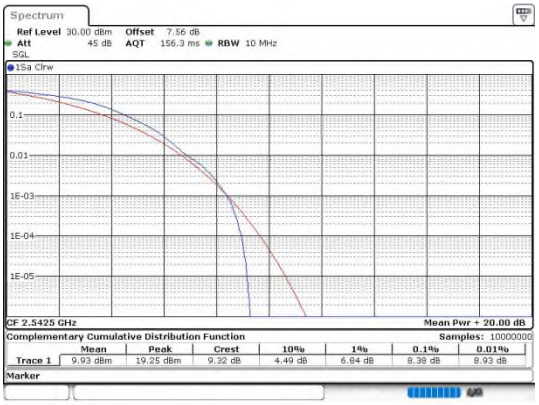

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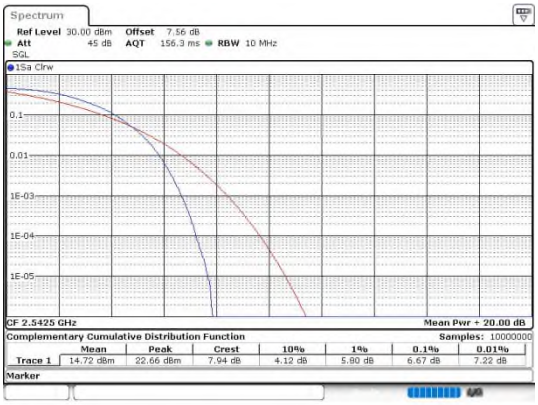

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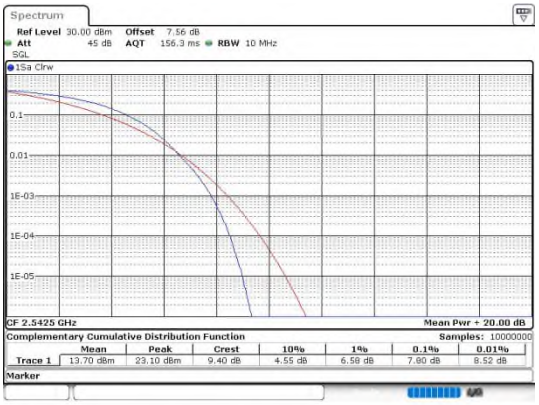

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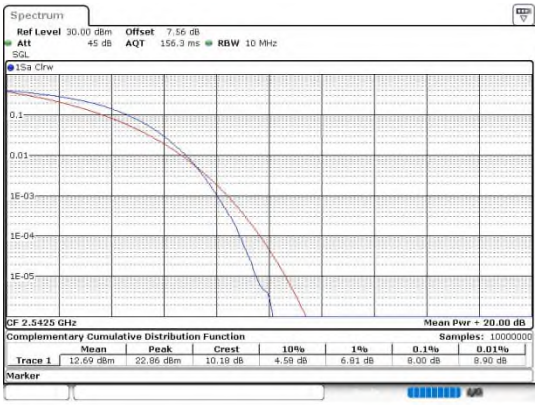

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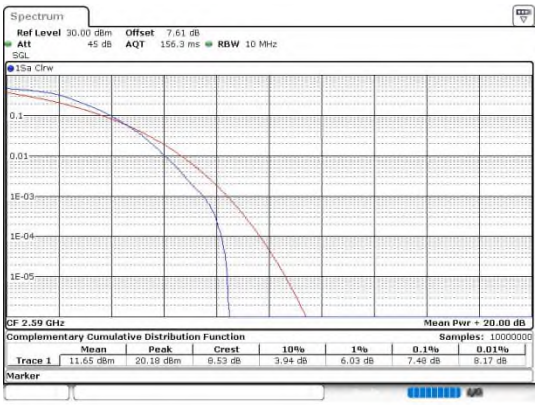

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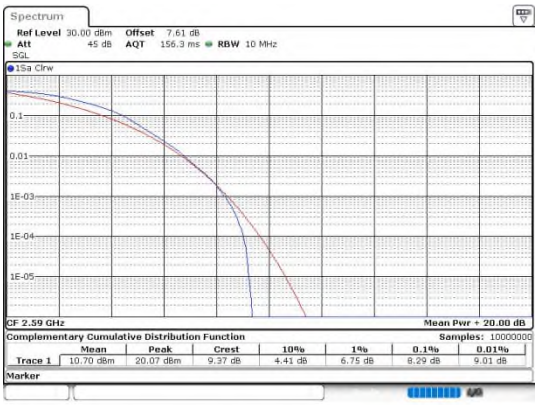

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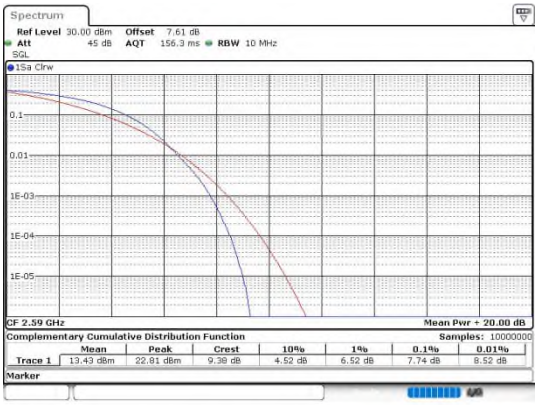

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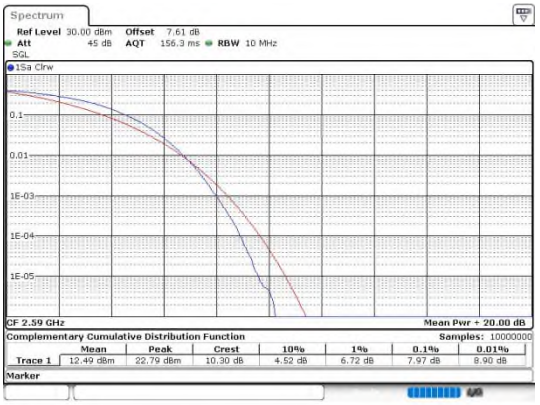

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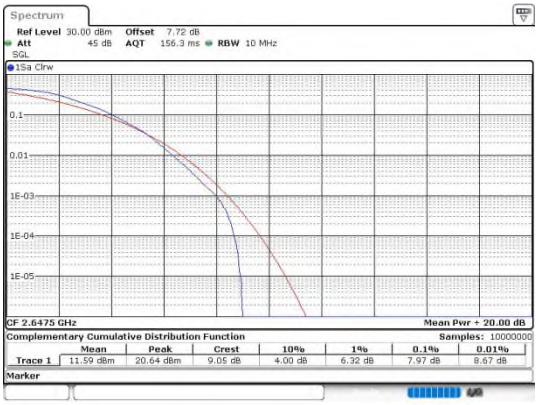

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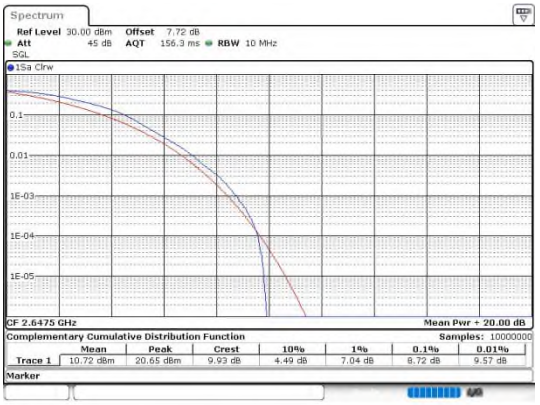

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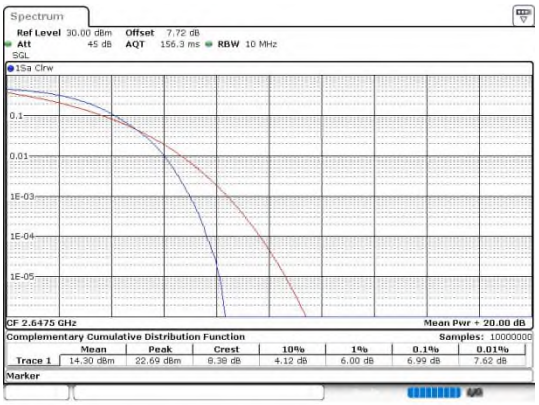

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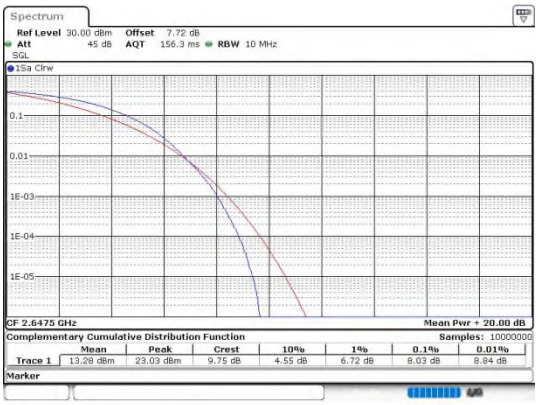

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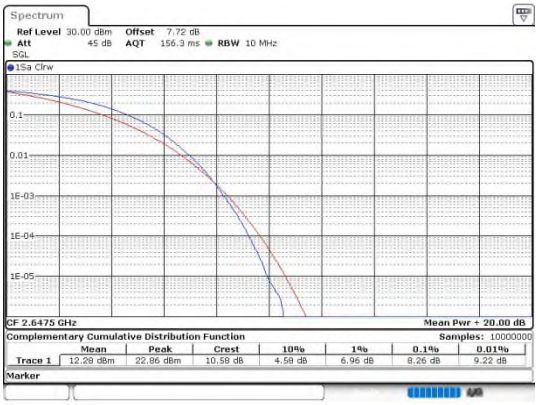

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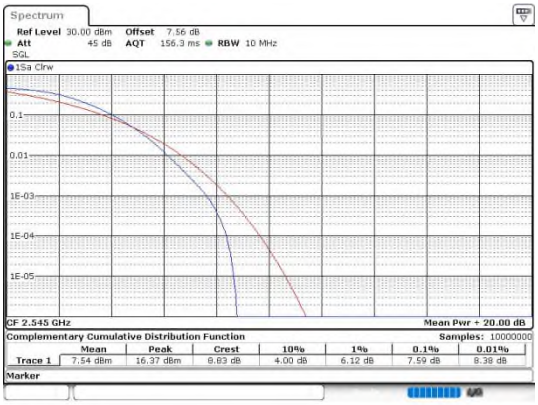

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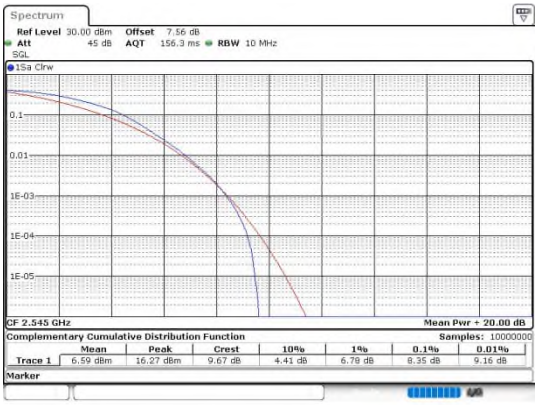

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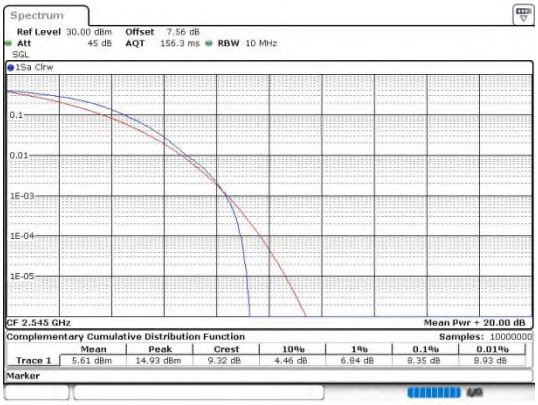

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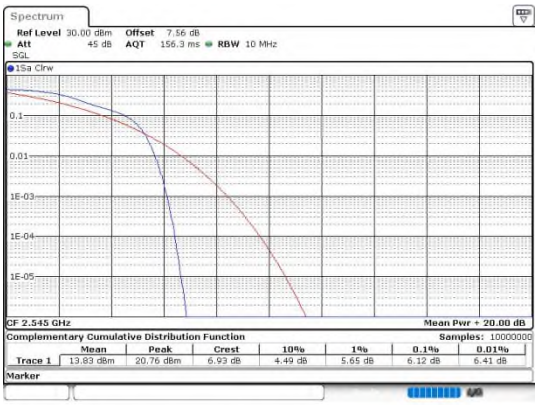

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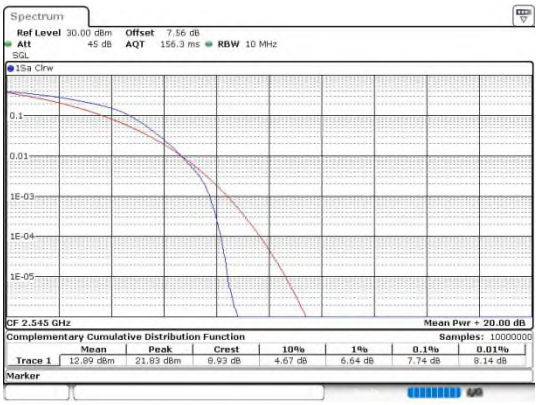

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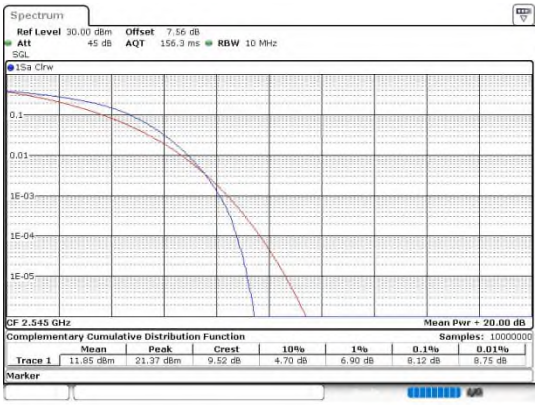

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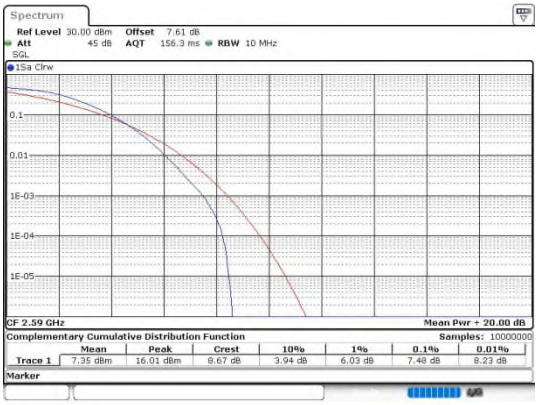

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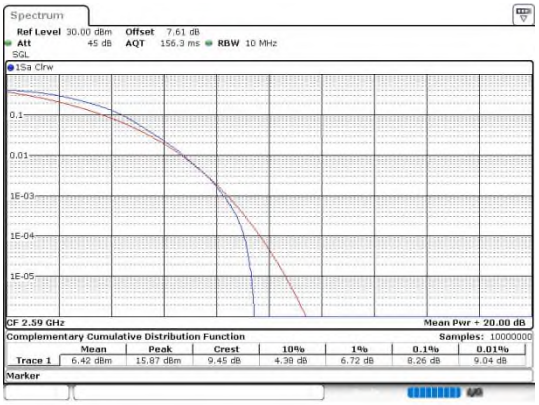

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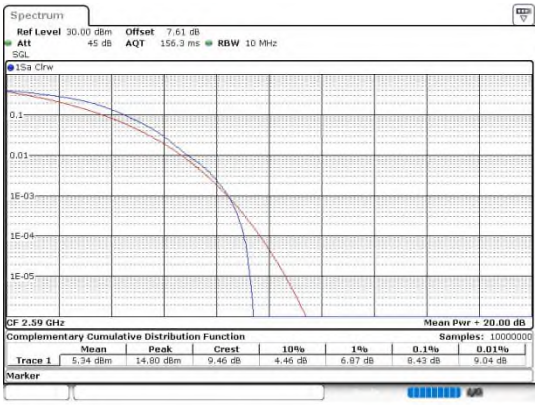

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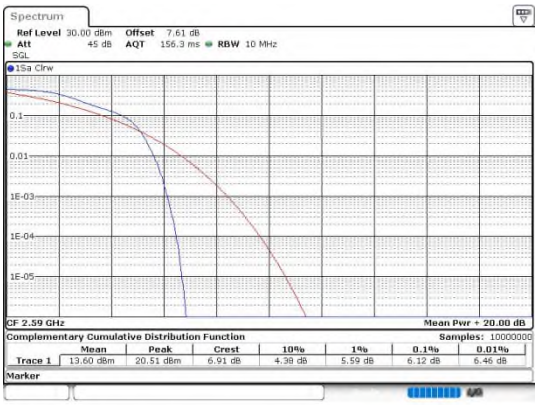
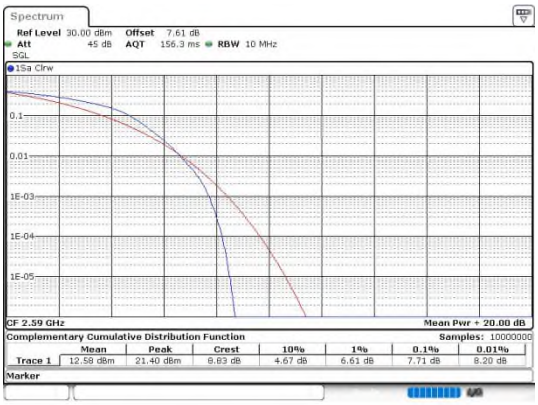
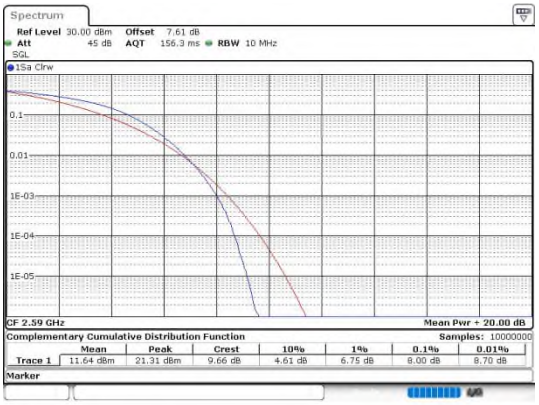


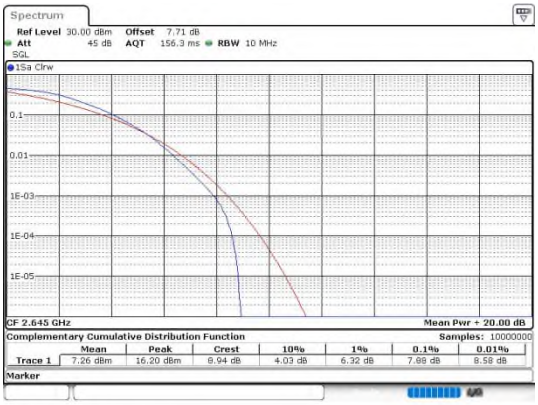
41(2535-2655)-20MHz-16QAM-40590-100RB#0-PASS



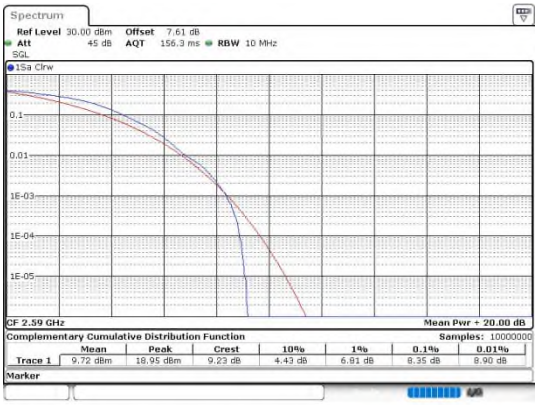
41(2535-2655)-20MHz-64QAM-40590-100RB#0-PASS



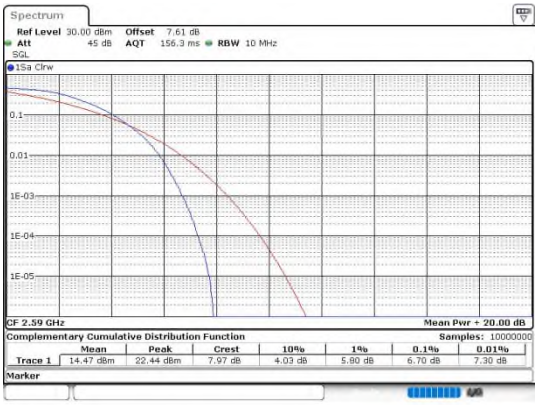
41(2535-2655)-20MHz-QPSK-41140-1RB#0-PASS



41(2535-2655)-15MHz-64QAM-40590-1RB#0-PASS



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



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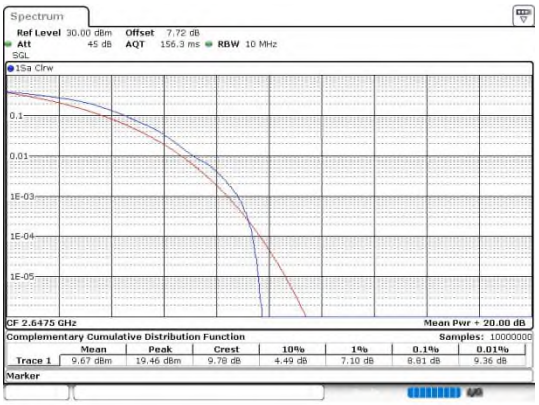

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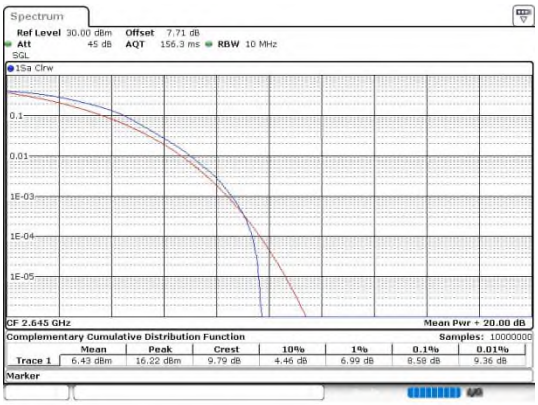

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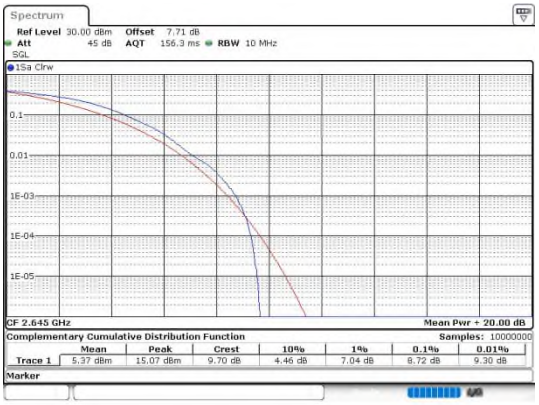
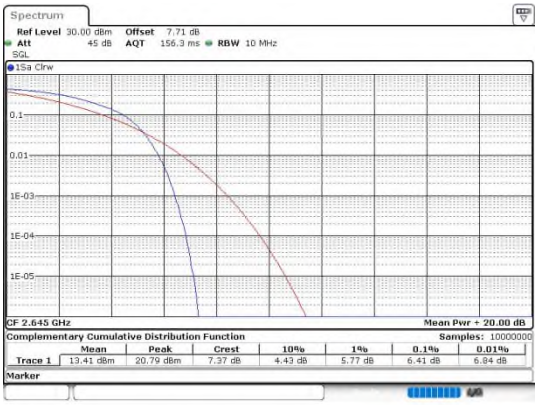


41(2535-2655)-20MHz-QPSK-41140-100RB#0-PASS



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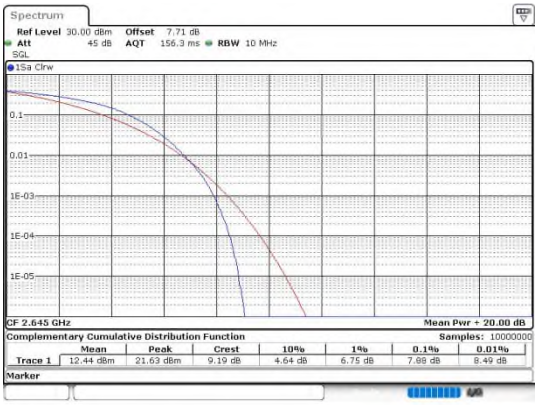

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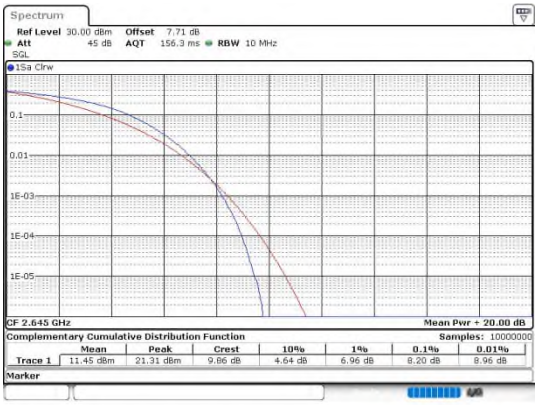
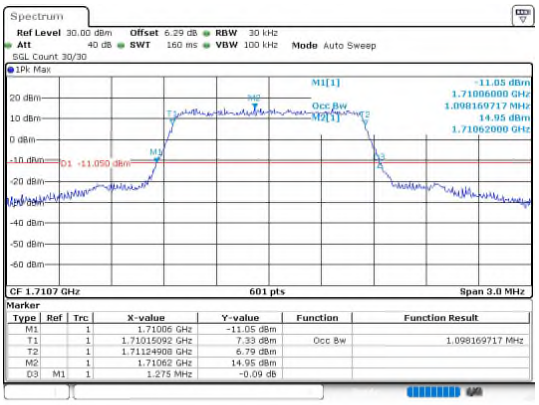
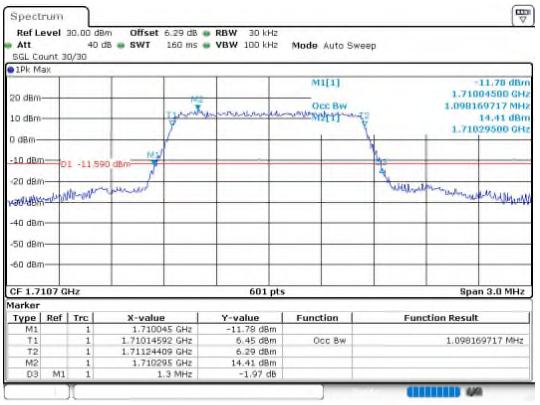


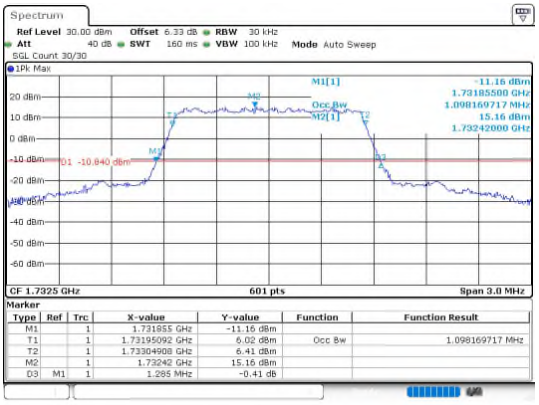
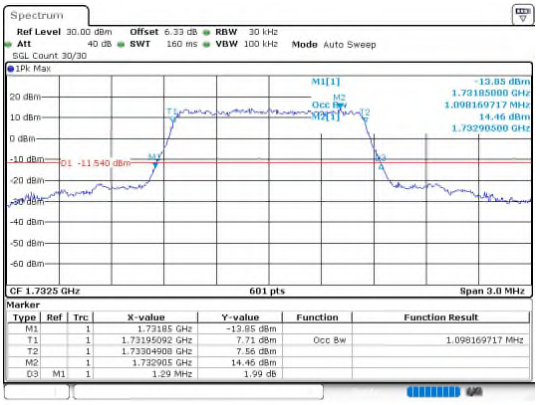
26dB Bandwidth and Occupied Bandwidth

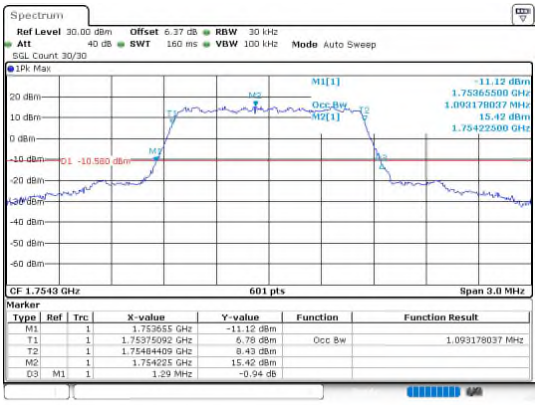
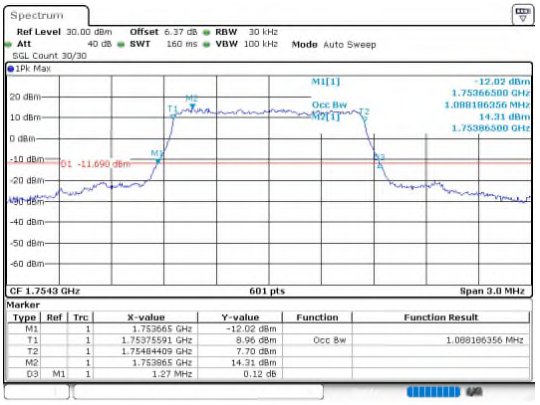
LTE Band 4 _ QPSK & 16QAM

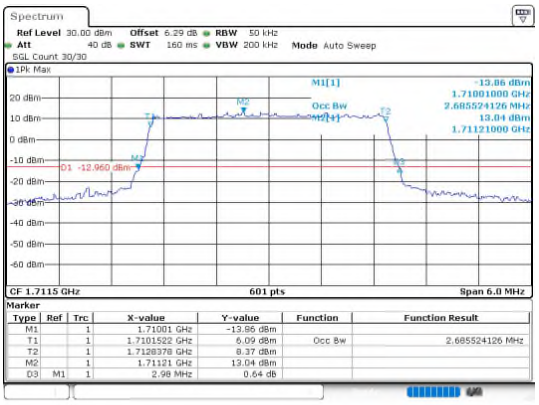
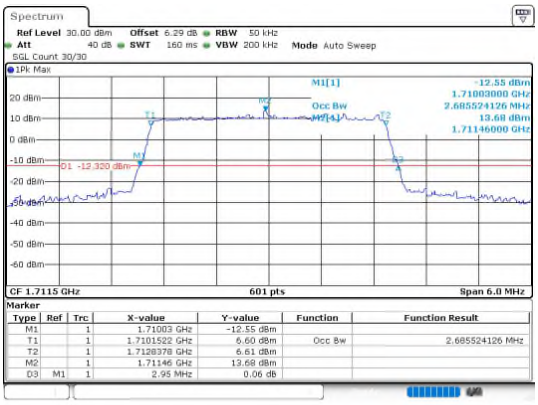
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.098	1.28	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.098	1.30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.098	1.29	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.098	1.29	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.093	1.29	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.27	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.686	2.98	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.686	2.95	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.686	2.98	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.676	2.99	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.97	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.686	2.98	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.496	5.06	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.505	4.95	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.505	4.95	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.92	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.505	4.96	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.496	4.93	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	9.87	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.985	9.87	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	9.87	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.83	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.83	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.985	9.80	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.75	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.527	14.70	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	14.80	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.428	14.70	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.75	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	14.70	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.87	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.97	19.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.97	19.67	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.037	21.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	19.80	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.97	19.67	PASS

Band4-1.4MHz-QPSK-19957-6RB#0-PASS	Band4-1.4MHz-16QAM-19957-6RB#0-PASS
	

Band4-1.4MHz-QPSK-20175-6RB#0-PASS	Band4-1.4MHz-16QAM-20175-6RB#0-PASS
	

Band4-1.4MHz-QPSK-20393-6RB#0-PASS	Band4-1.4MHz-16QAM-20393-6RB#0-PASS
	

Band4-3MHz-QPSK-19965-15RB#0-PASS	Band4-3MHz-16QAM-19965-15RB#0-PASS
	

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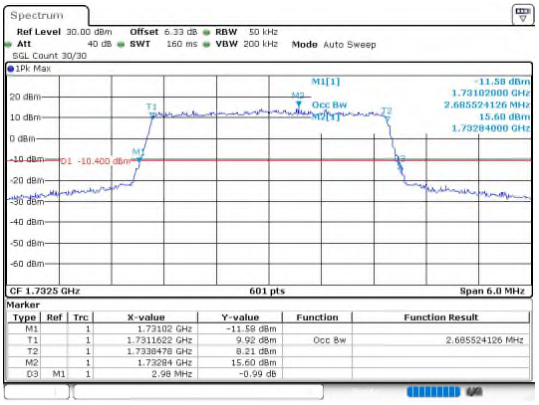	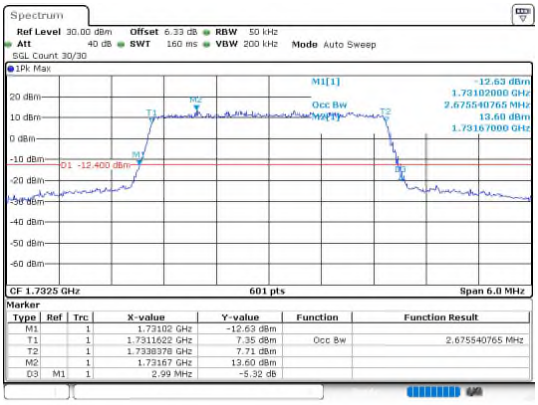

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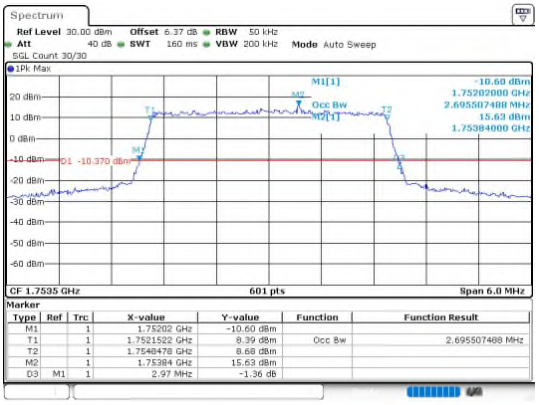	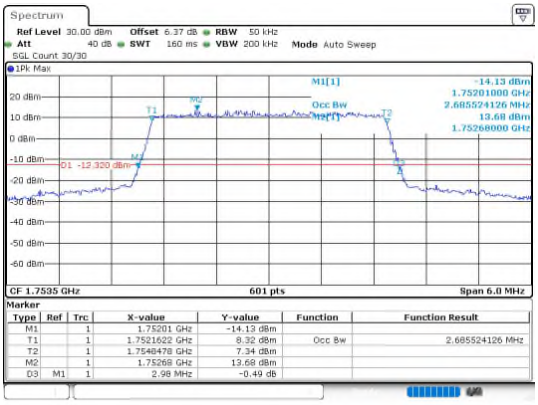

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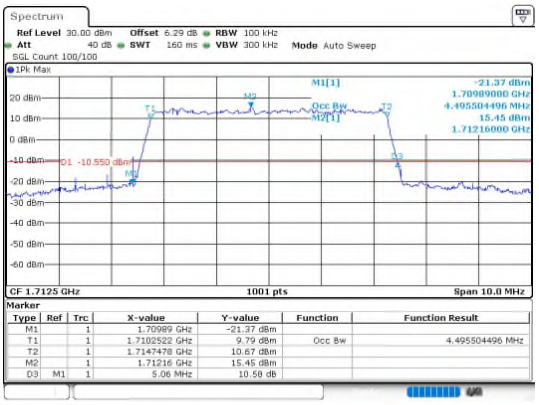	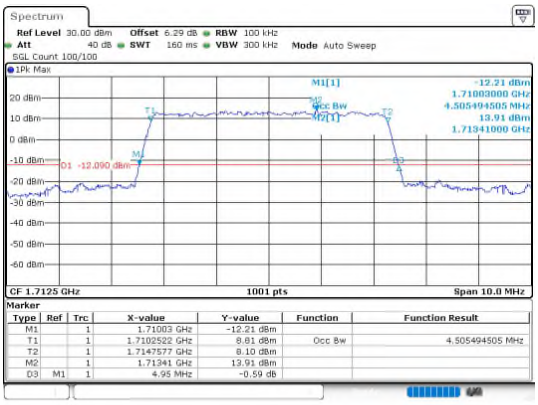

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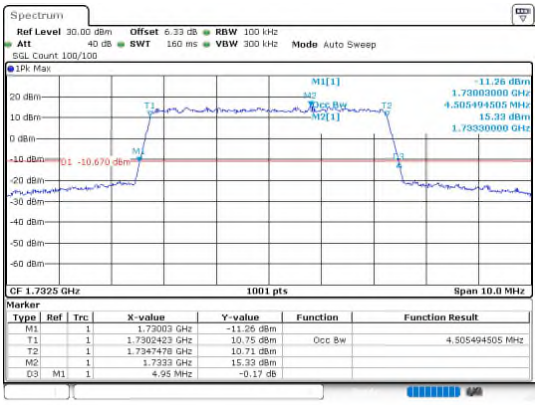	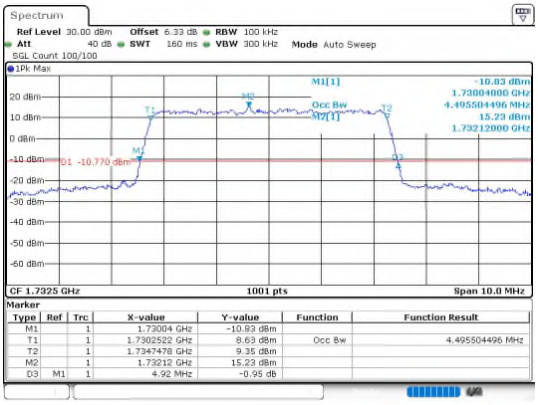

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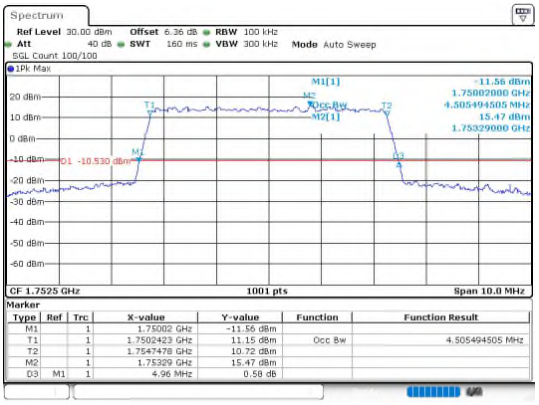
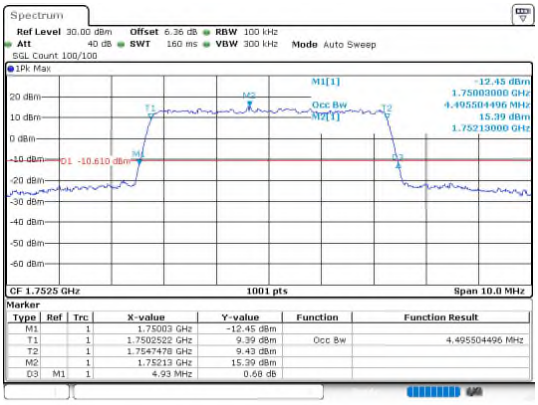
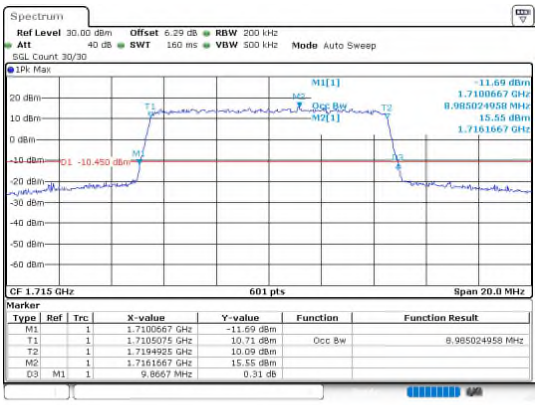
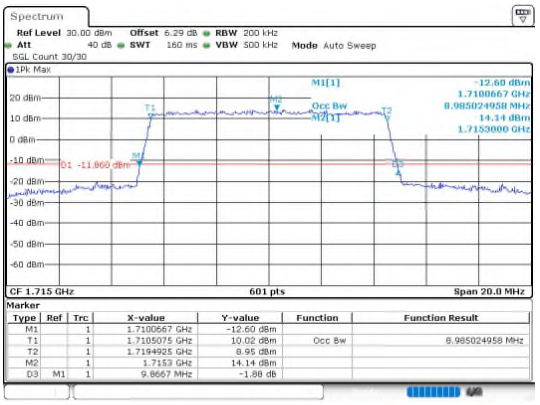
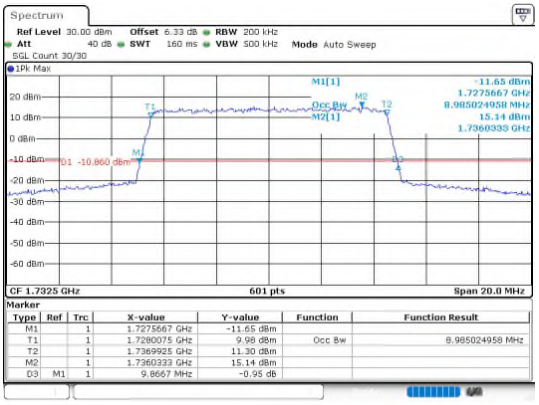
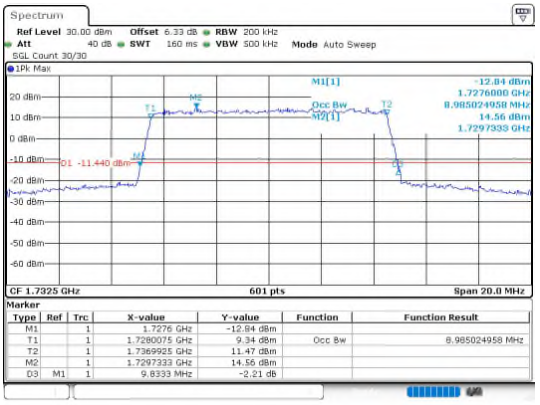
	

Band4-10MHz-QPSK-20000-50RB#0-PASS	Band4-10MHz-16QAM-20000-50RB#0-PASS
	
Band4-10MHz-QPSK-20175-50RB#0-PASS	**Band4-10MHz-16QAM-20175-50RB#0-PASS**
	
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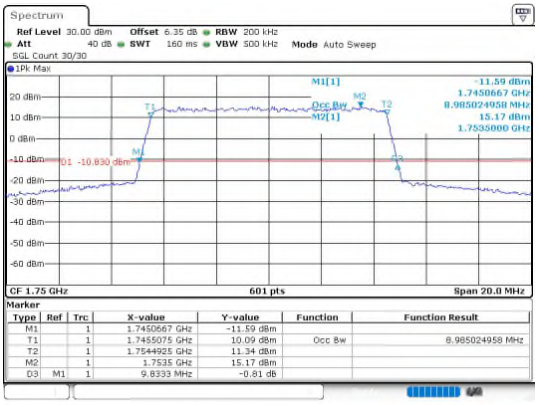
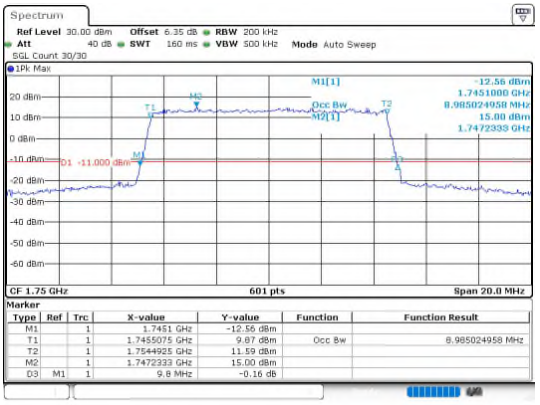
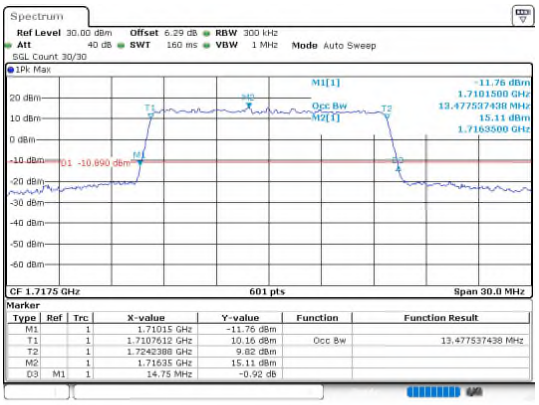
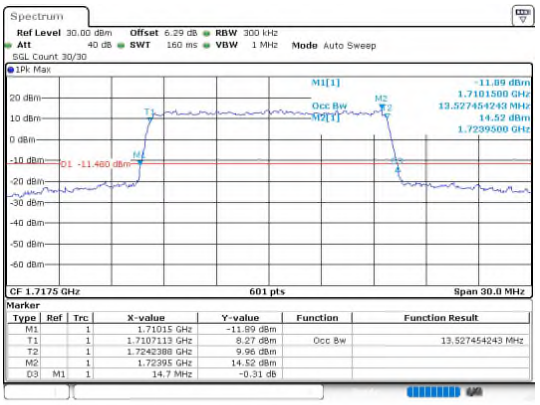
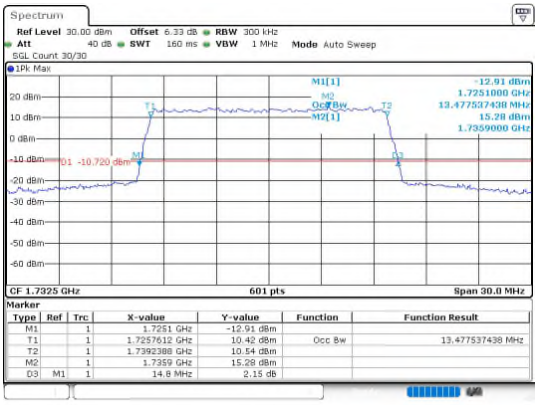
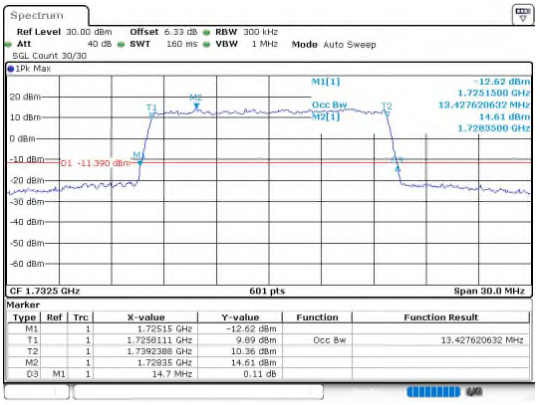
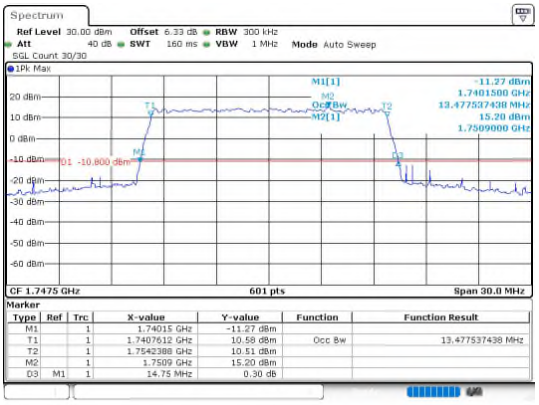
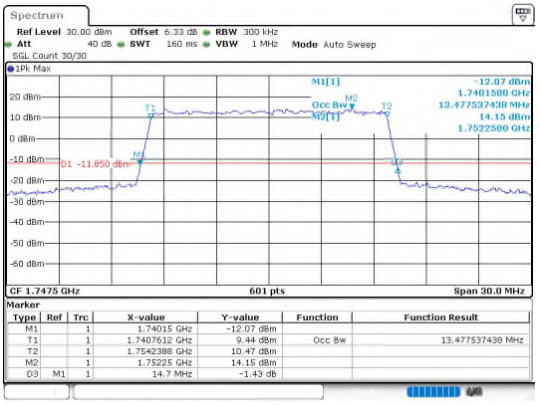
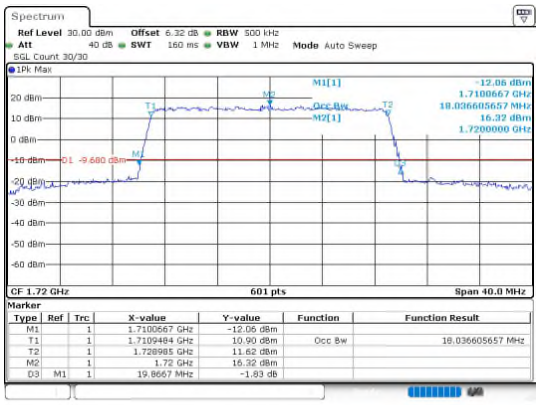
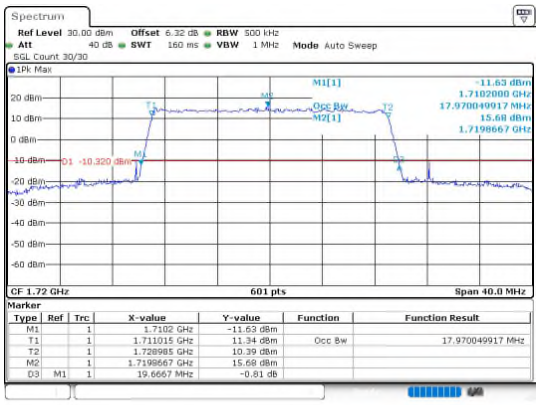
	

Band4-15MHz-QPSK-20025-75RB#0-PASS	Band4-15MHz-16QAM-20025-75RB#0-PASS
	
Band4-15MHz-QPSK-20175-75RB#0-PASS	**Band4-15MHz-16QAM-20175-75RB#0-PASS**
	
Band4-15MHz-QPSK-20325-75RB#0-PASS	**Band4-15MHz-16QAM-20325-75RB#0-PASS**
	

Band4-20MHz-QPSK-20050-100RB#0-PASS	Band4-20MHz-16QAM-20050-100RB#0-PASS
	

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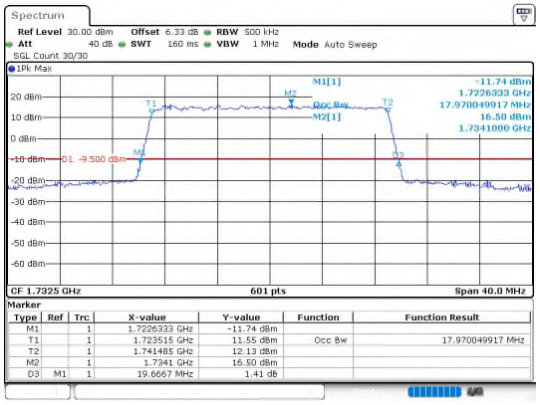
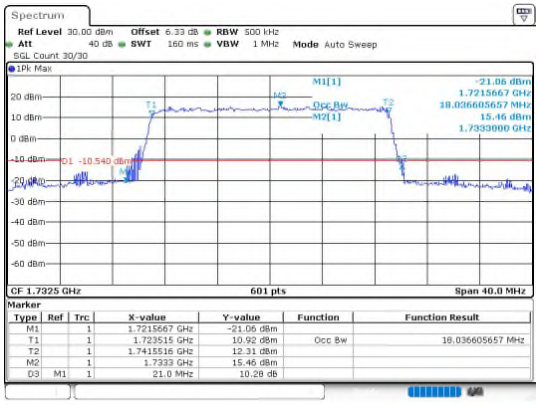
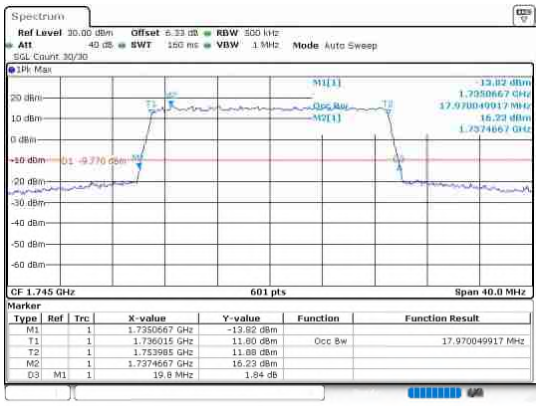
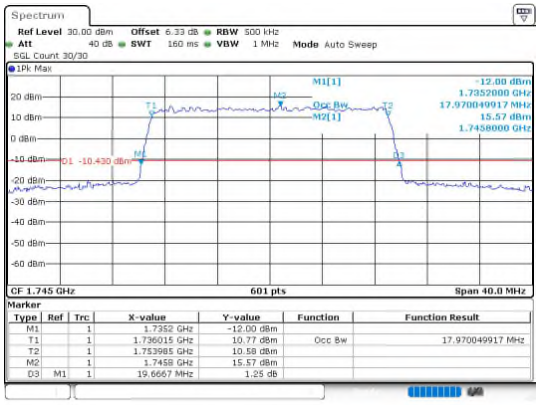
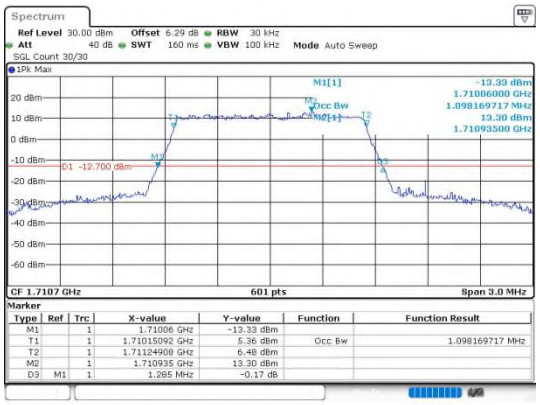
	

Band4-20MHz-QPSK-20300-100RB#0-PASS	Band4-20MHz-16QAM-20300-100RB#0-PASS
	

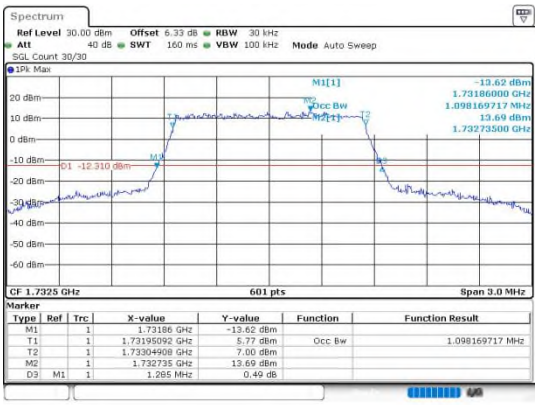
LTE Band 4 _ 64QAM

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	64QAM	19957	6RB#0	1.098	1.29	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.098	1.29	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.098	1.29	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.676	2.93	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.686	2.95	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.686	2.95	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.496	4.94	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.496	4.95	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.505	4.94	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.985	9.80	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.952	9.80	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.985	9.80	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.478	14.80	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.428	14.75	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.478	14.60	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.97	19.73	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.97	19.67	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.97	19.53	PASS

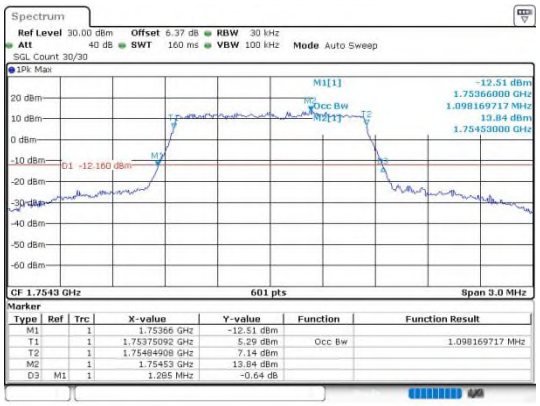
Band4-1.4MHz-64QAM-19957-6RB#0-PASS



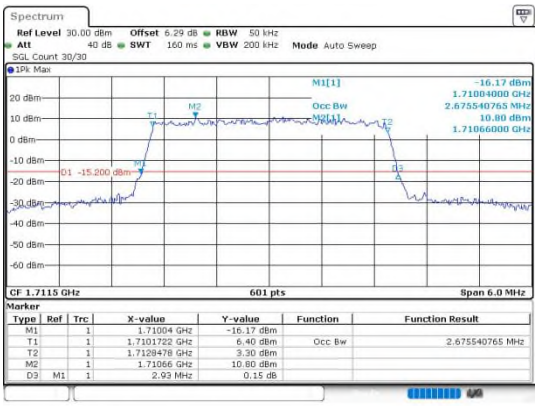
Band4-1.4MHz-64QAM-20175-6RB#0-PASS



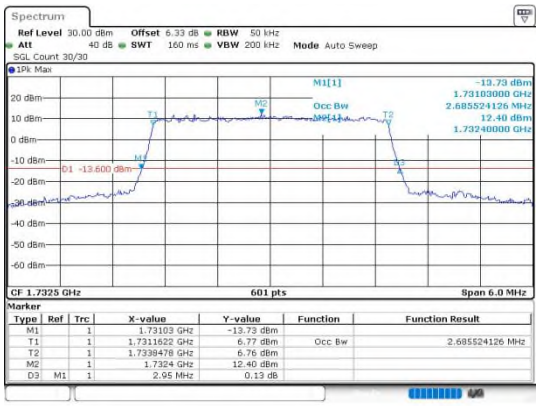
Band4-1.4MHz-64QAM-20393-6RB#0-PASS



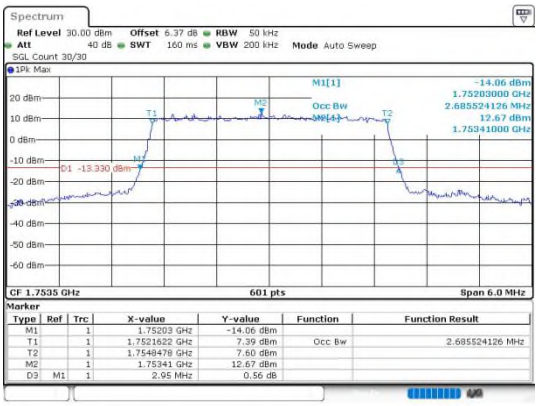
Band4-3MHz-64QAM-19965-15RB#0-PASS



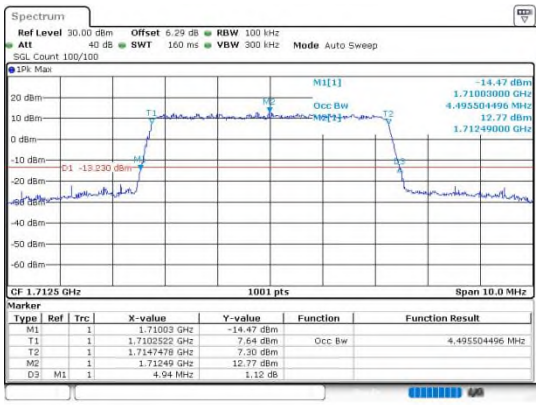
Band4-3MHz-64QAM-20175-15RB#0-PASS



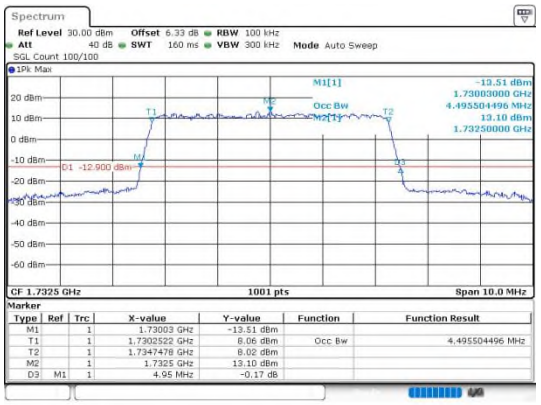
Band4-3MHz-64QAM-20385-15RB#0-PASS



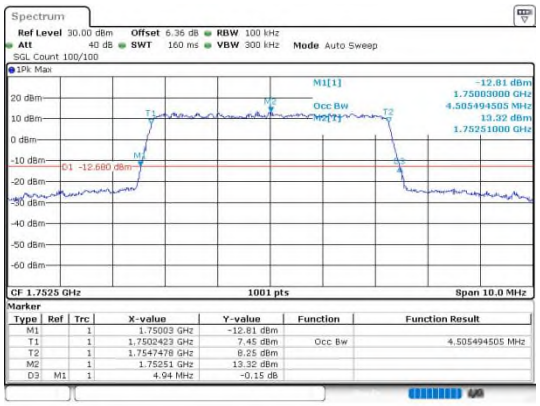
Band4-5MHz-64QAM-19975-25RB#0-PASS



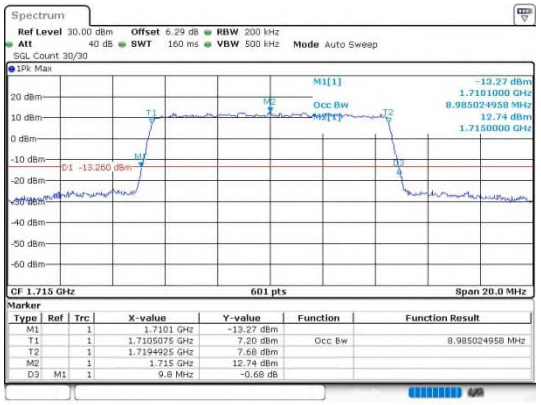
Band4-5MHz-64QAM-20175-25RB#0-PASS



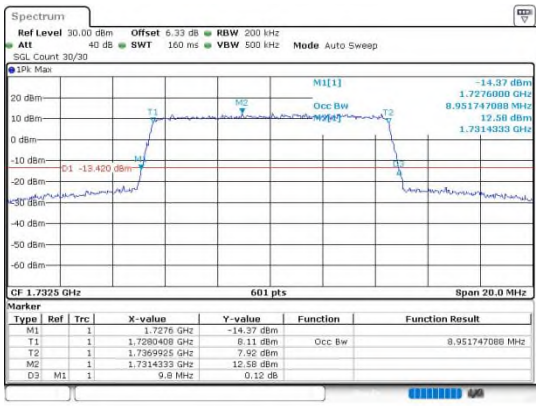
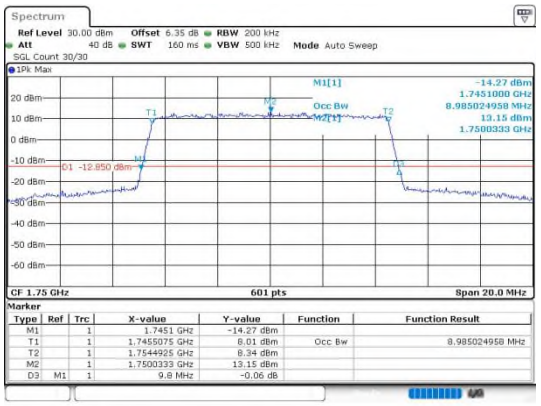
Band4-5MHz-64QAM-20375-25RB#0-PASS



Band4-10MHz-64QAM-20000-50RB#0-PASS



Band4-10MHz-64QAM-20175-50RB#0-PASS



Band4-10MHz-64QAM-20350-50RB#0-PASS