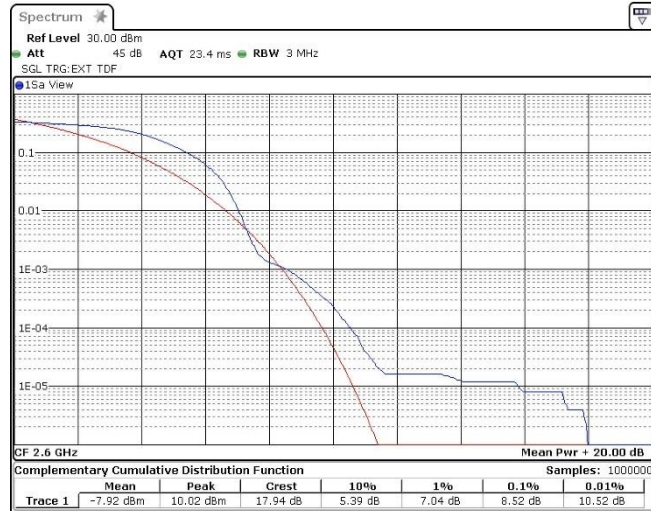
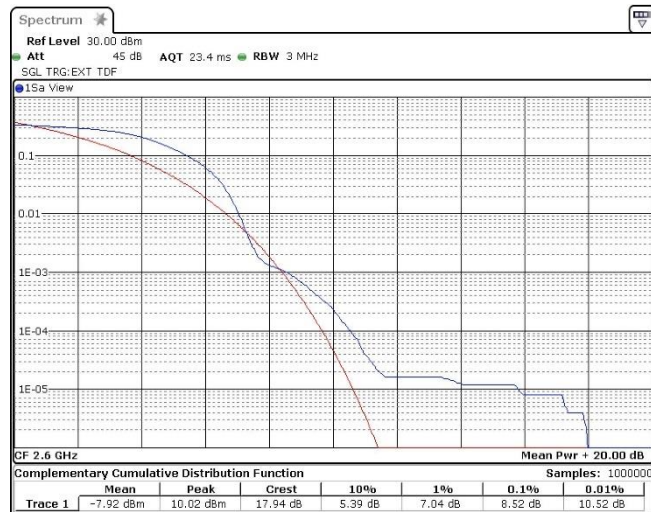


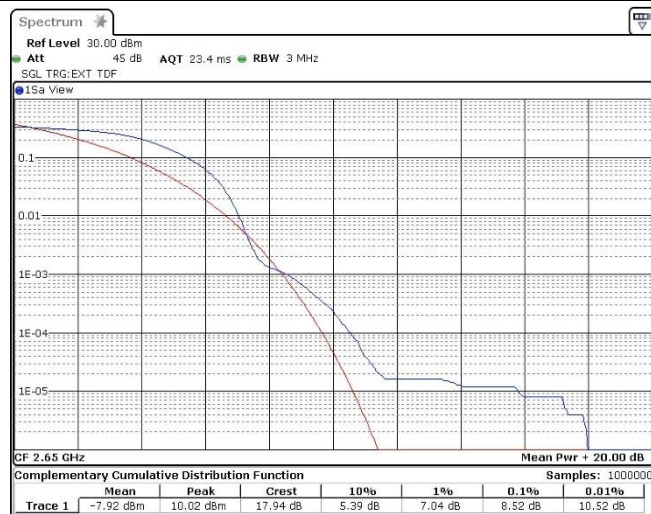
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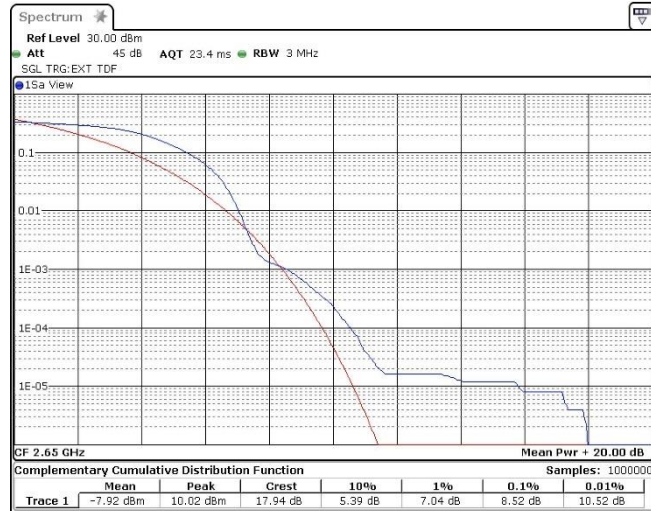
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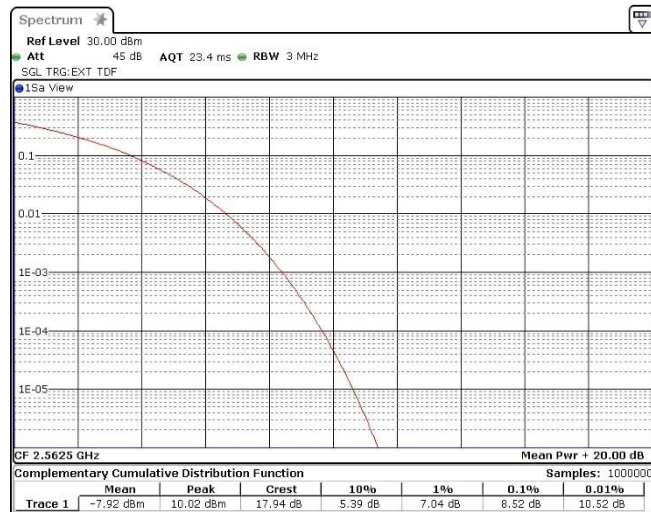
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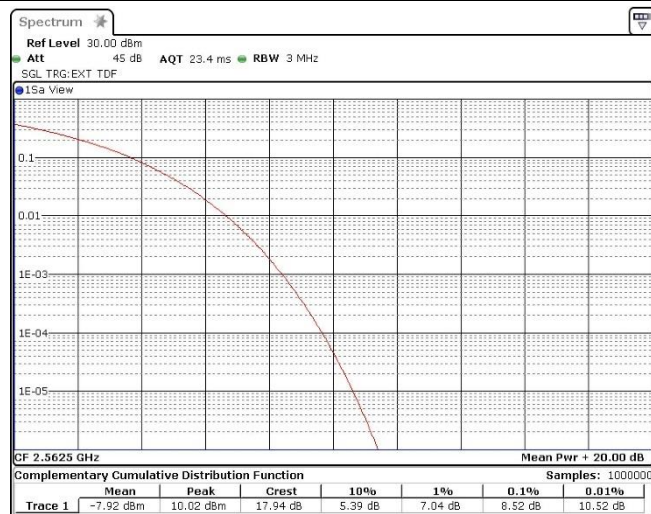
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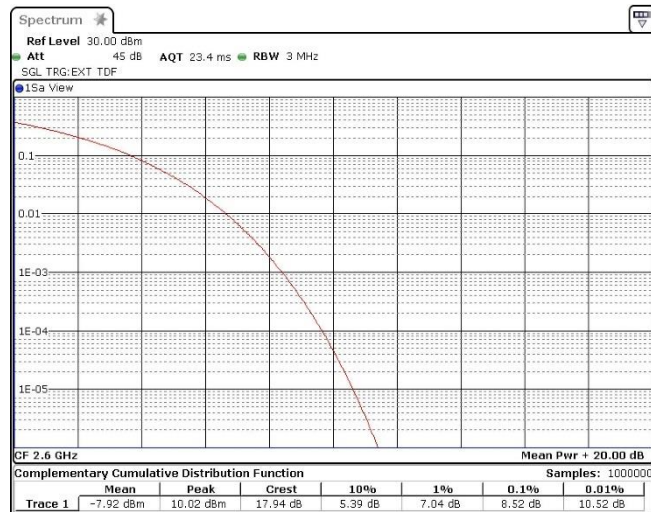
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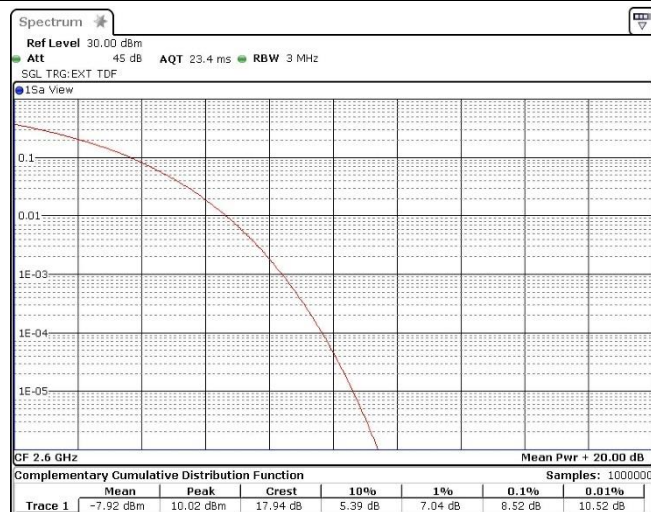
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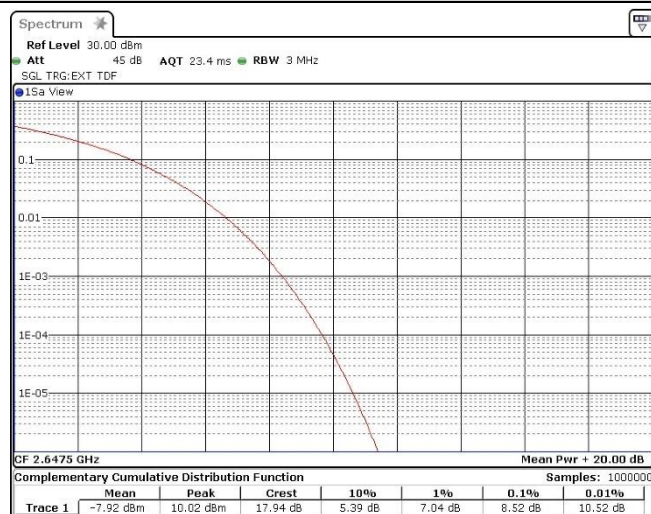
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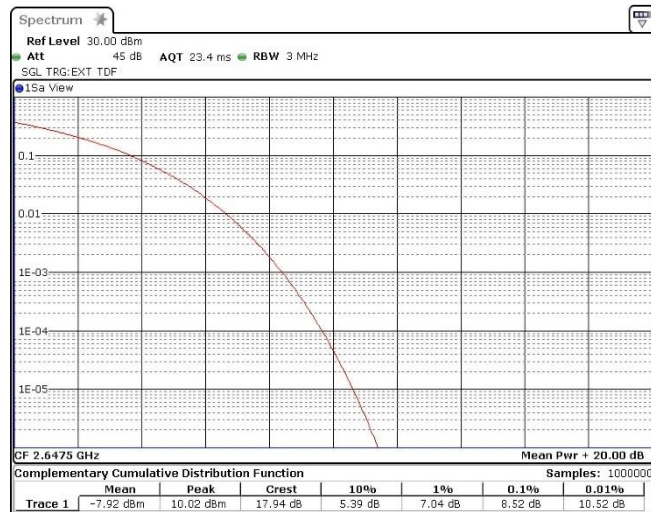
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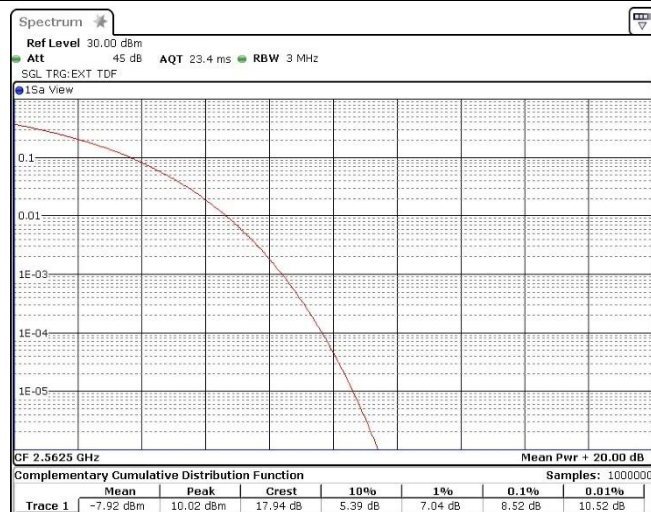
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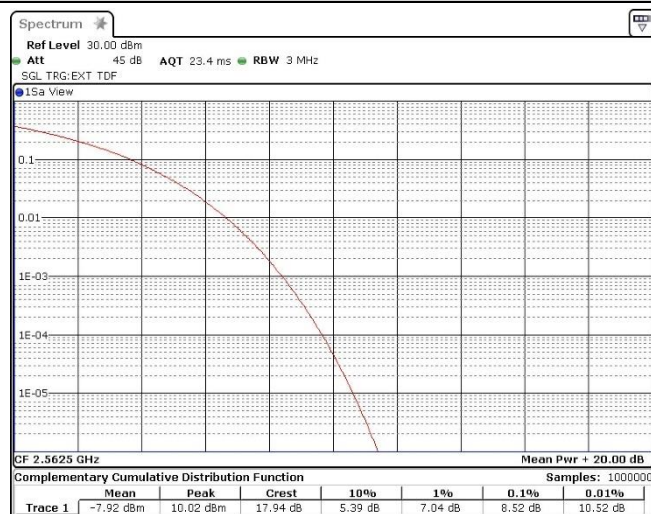
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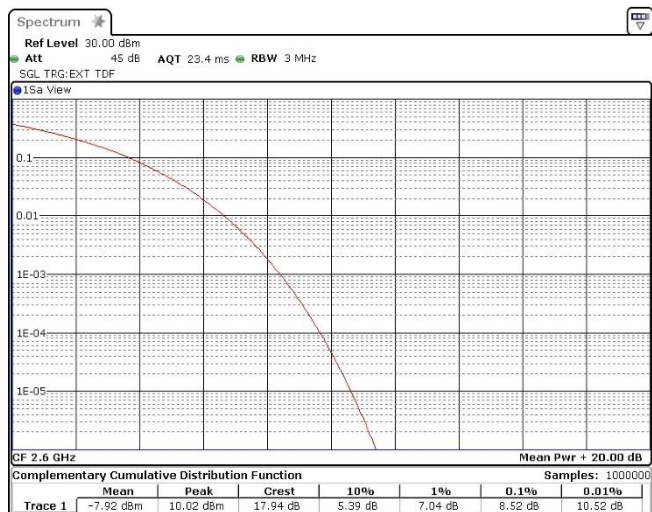
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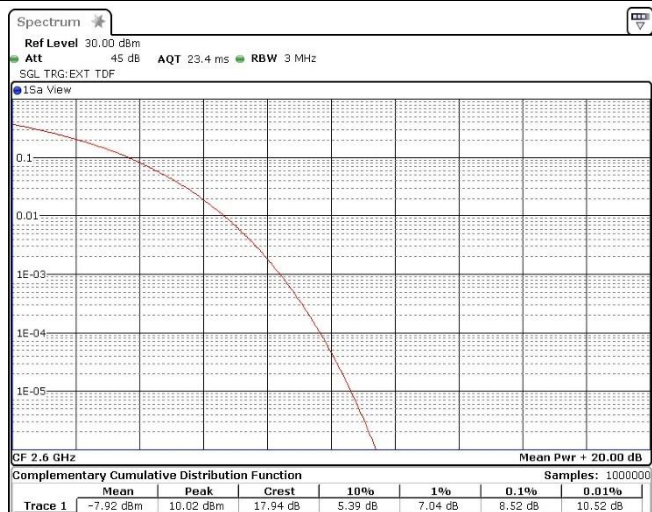
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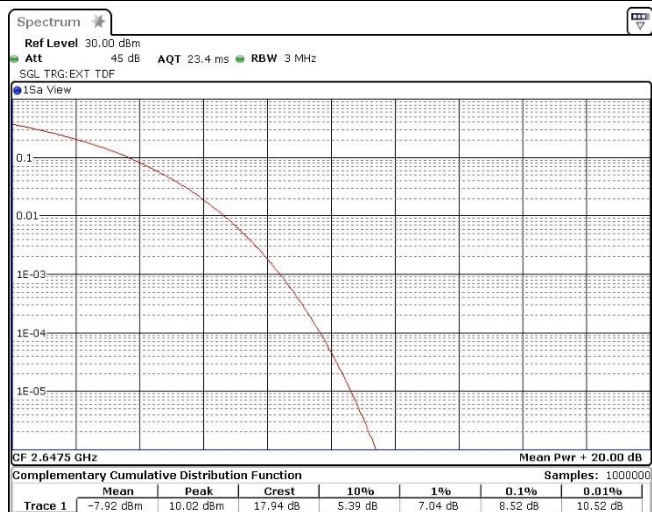
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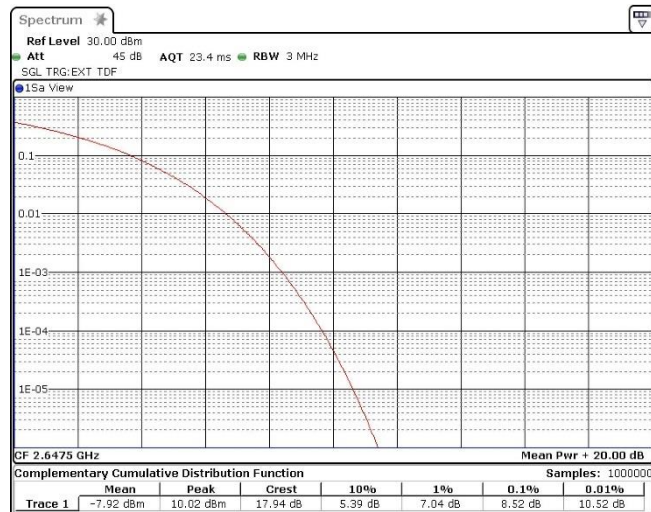
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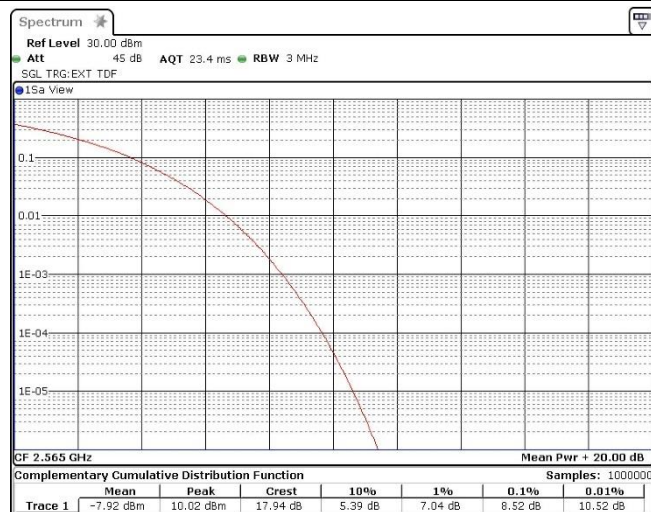
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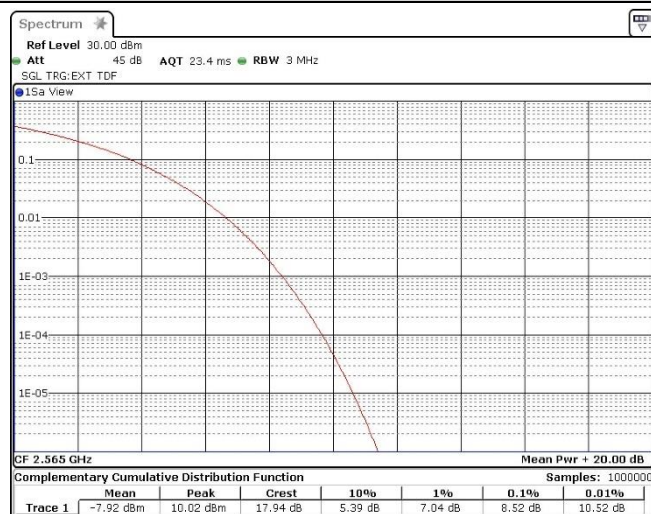
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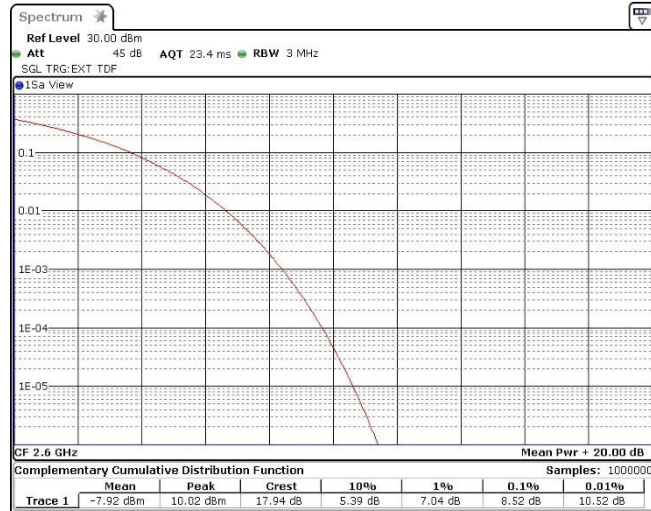
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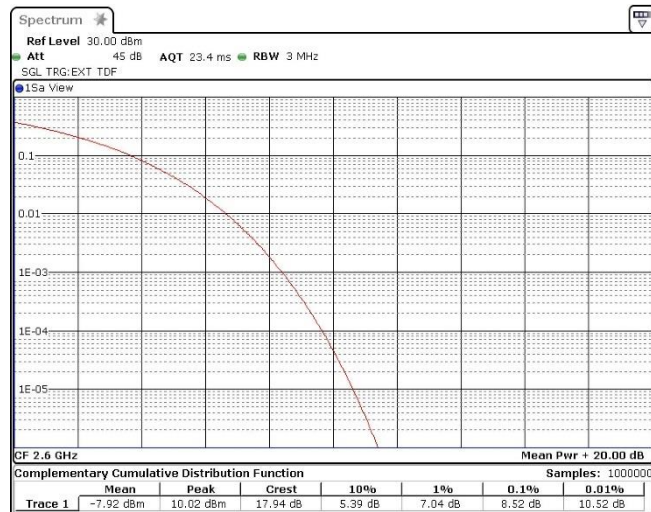
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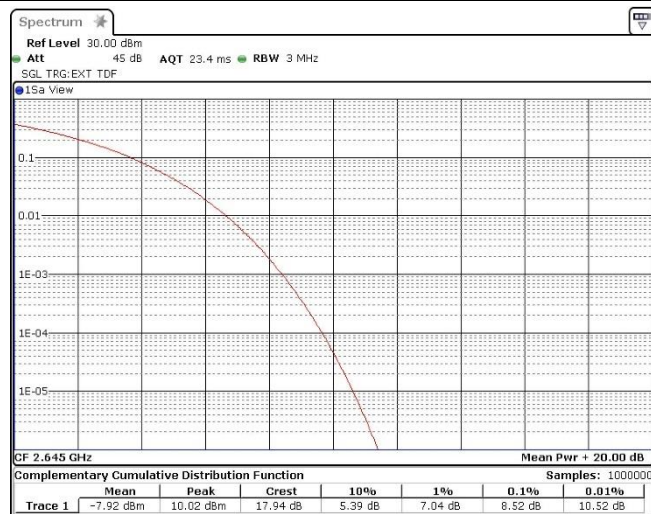
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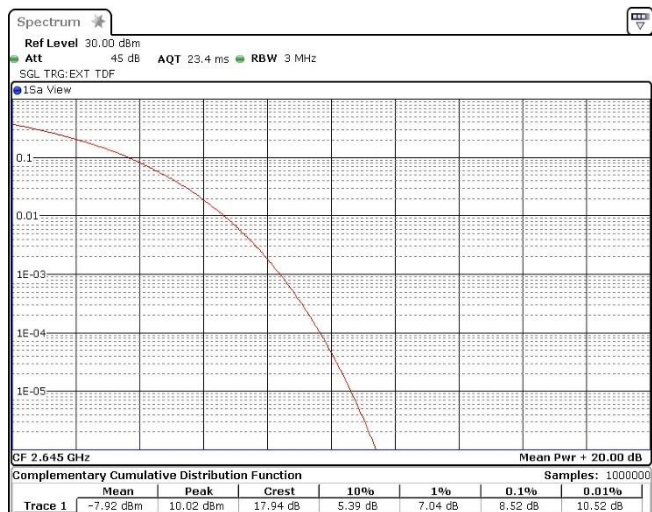
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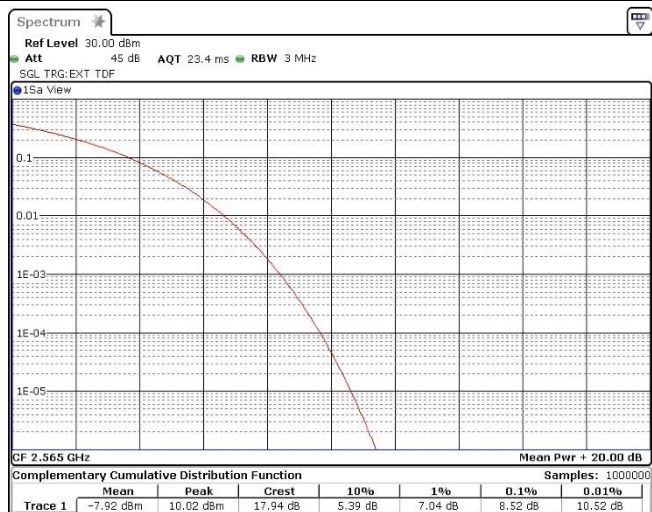
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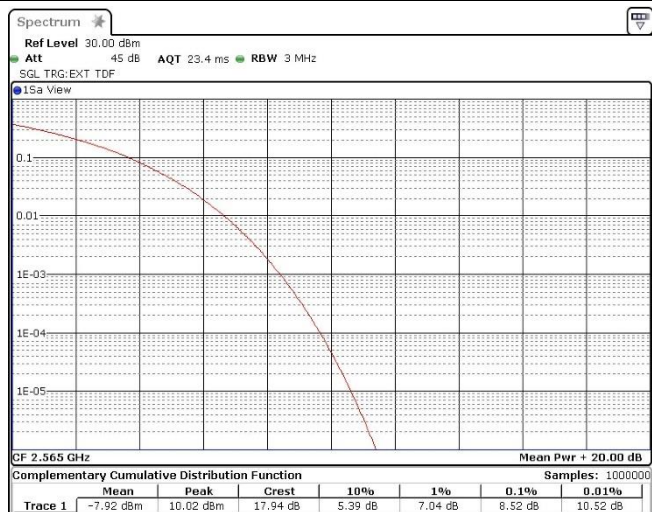
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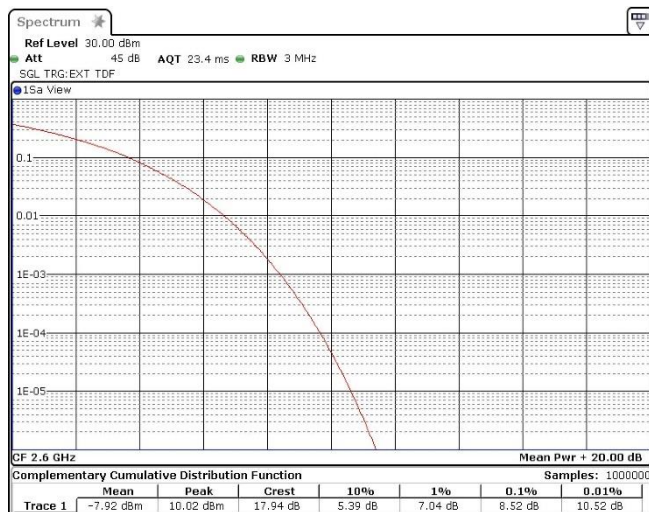
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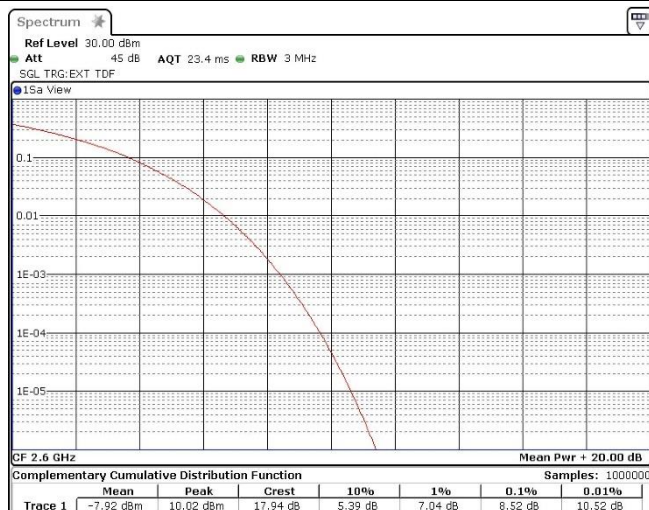
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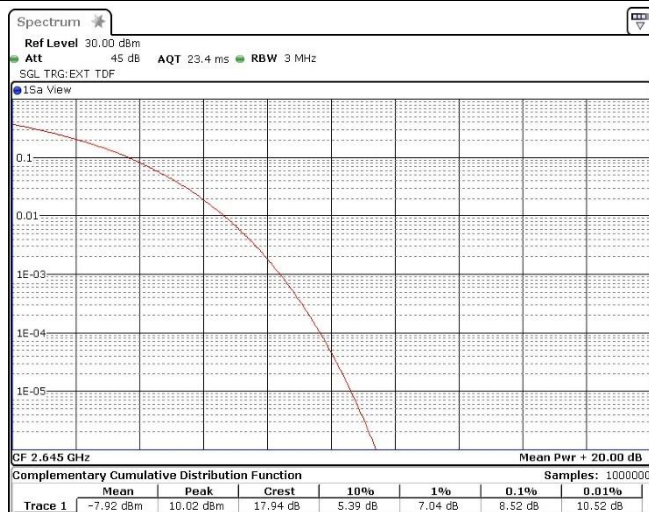
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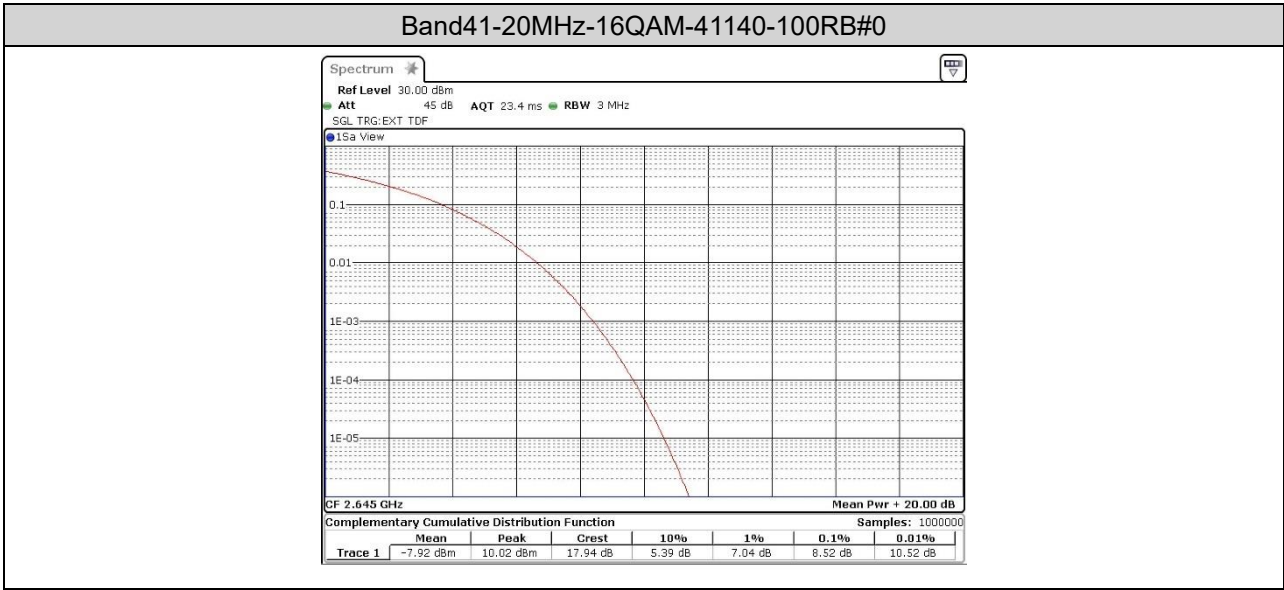


Band41-20MHz-16QAM-40690-100RB#0



Band41-20MHz-16QAM-41140-1RB#0





Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.093	1.215	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.235	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.088	1.230	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.235	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.235	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.220	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.696	2.850	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.850	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.686	2.840	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.686	2.850	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.696	2.840	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.696	2.840	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.496	4.770	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.505	4.770	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.496	4.780	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.496	4.780	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.505	4.780	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.505	4.780	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.985	9.567	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.985	9.533	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.985	9.533	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.985	9.567	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.952	9.567	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.985	9.533	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.478	14.300	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.478	14.300	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.478	14.300	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.478	14.300	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.478	14.300	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.478	14.300	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.037	19.267	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.037	19.267	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.037	19.267	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	20MHz	16QAM	18700	100RB#0	18.037	19.267	PASS
Band2	20MHz	16QAM	18900	100RB#0	18.037	19.333	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.037	19.267	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.220	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.220	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.230	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.235	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.093	1.240	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.093	1.230	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.696	2.850	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.860	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.840	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.686	2.850	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	2.840	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.686	2.850	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.496	4.780	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.496	4.770	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.505	4.790	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.770	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.505	4.770	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.505	4.770	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	9.533	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.952	9.533	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.533	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.985	9.533	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.567	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.952	9.533	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.428	14.300	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	14.300	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.350	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.428	14.300	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.300	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.428	14.300	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.333	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.97	19.333	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	19.267	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.037	19.400	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.037	19.333	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	20MHz	16QAM	20300	100RB#0	17.97	19.267	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.088	1.22	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.23	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.22	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.21	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.24	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.25	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.696	2.85	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.84	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.686	2.84	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.84	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.84	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.84	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.77	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.505	4.77	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.77	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.505	4.77	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.505	4.76	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.515	4.77	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.53	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.985	9.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.985	9.53	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	9.53	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.985	9.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.985	9.53	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.505	4.780	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.496	4.780	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.496	4.800	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.505	4.780	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.505	4.780	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.515	4.770	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.985	9.567	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.985	9.567	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.985	9.567	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.985	9.567	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.985	9.567	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.952	9.533	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.478	14.300	PASS

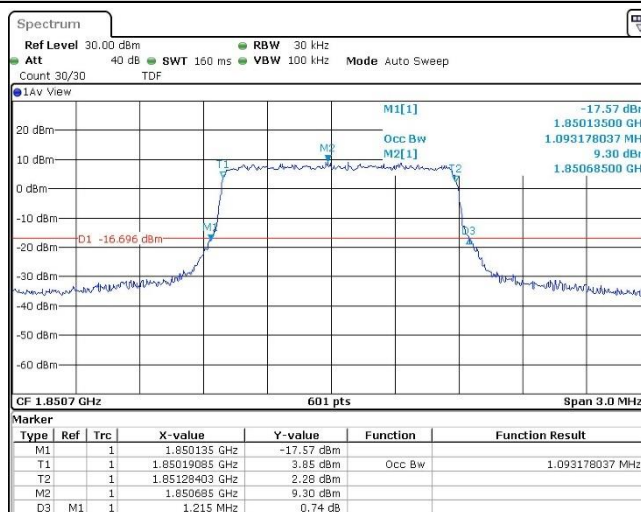
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.300	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.478	14.300	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.478	14.300	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.478	14.300	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.478	14.300	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.037	19.333	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.037	19.333	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.037	19.333	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.037	19.333	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.037	19.333	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.037	19.333	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.496	4.79	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.505	4.81	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.505	4.81	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.505	4.80	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.515	4.78	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.515	4.79	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.985	9.57	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.985	9.53	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.496	4.79	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.505	4.79	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.505	4.79	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.496	4.80	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.515	4.78	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.505	4.78	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.985	9.53	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.985	9.53	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.985	9.53	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.985	9.53	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.985	9.53	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.952	9.53	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.496	4.79	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.505	4.77	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.496	4.78	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.77	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.496	4.78	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.496	4.76	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.985	9.53	PASS

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	10MHz	QPSK	38000	50RB#0	8.985	9.57	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.985	9.53	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.985	9.53	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.985	9.53	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.952	9.53	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.478	14.30	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.478	14.30	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.478	14.30	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.478	14.30	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.478	14.30	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.478	14.30	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.97	19.33	PASS
Band38	20MHz	QPSK	38000	100RB#0	18.037	19.33	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.037	19.33	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.97	19.33	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.037	19.33	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.97	19.33	PASS
Band41	5MHz	QPSK	40265	25RB#0	4.496	4.79	PASS
Band41	5MHz	QPSK	40690	25RB#0	4.505	4.77	PASS
Band41	5MHz	QPSK	41215	25RB#0	4.515	4.95	PASS
Band41	5MHz	16QAM	40265	25RB#0	4.505	4.77	PASS
Band41	5MHz	16QAM	40690	25RB#0	4.496	4.77	PASS
Band41	5MHz	16QAM	41215	25RB#0	4.496	4.82	PASS
Band41	10MHz	QPSK	40290	50RB#0	8.985	9.53	PASS
Band41	10MHz	QPSK	40690	50RB#0	8.985	9.57	PASS
Band41	10MHz	QPSK	41190	50RB#0	8.985	9.67	PASS
Band41	10MHz	16QAM	40290	50RB#0	8.985	9.57	PASS
Band41	10MHz	16QAM	40690	50RB#0	8.985	9.53	PASS
Band41	10MHz	16QAM	41190	50RB#0	8.985	9.53	PASS
Band41	15MHz	QPSK	40315	75RB#0	13.478	14.40	PASS
Band41	15MHz	QPSK	40690	75RB#0	13.478	14.30	PASS
Band41	15MHz	QPSK	41165	75RB#0	13.527	17.80	PASS
Band41	15MHz	16QAM	40315	75RB#0	13.478	14.30	PASS
Band41	15MHz	16QAM	40690	75RB#0	13.478	14.30	PASS
Band41	15MHz	16QAM	41165	75RB#0	13.478	14.35	PASS
Band41	20MHz	QPSK	40340	100RB#0	18.037	19.33	PASS
Band41	20MHz	QPSK	40690	100RB#0	18.037	19.33	PASS
Band41	20MHz	QPSK	41140	100RB#0	18.037	19.40	PASS

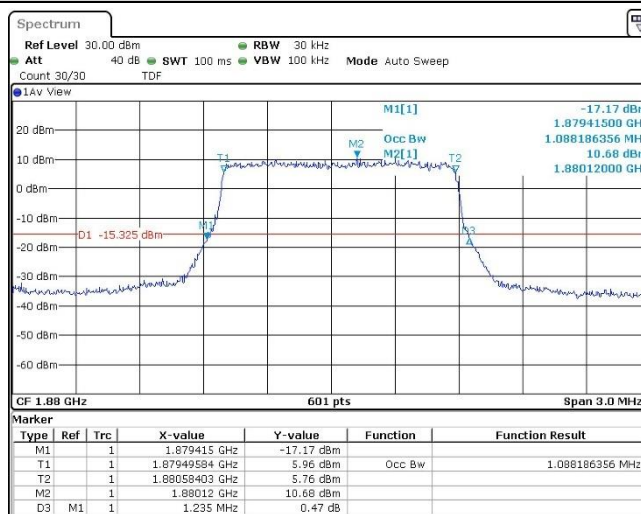
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	20MHz	16QAM	40340	100RB#0	17.97	19.33	PASS
Band41	20MHz	16QAM	40690	100RB#0	18.037	19.33	PASS
Band41	20MHz	16QAM	41140	100RB#0	18.037	19.33	PASS

Test Graphs

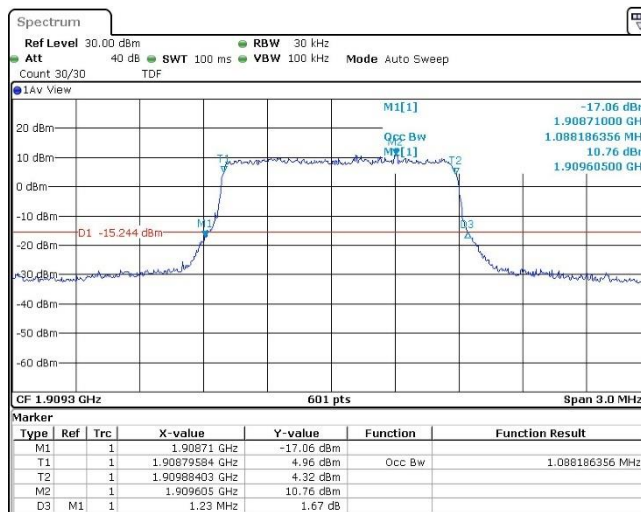
Band2-1.4MHz-QPSK-18607-6RB#0



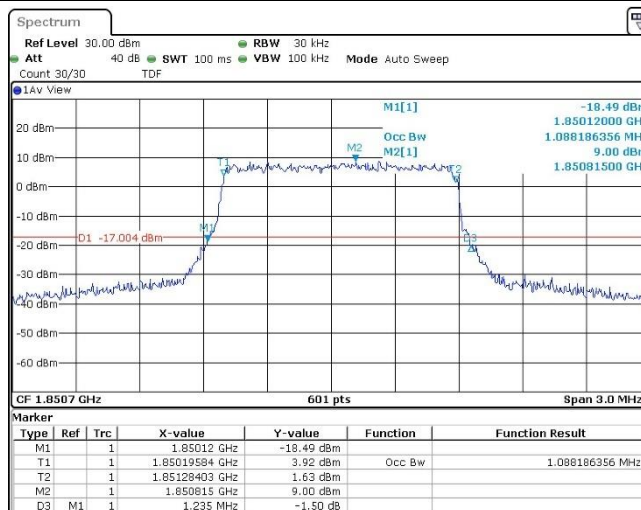
Band2-1.4MHz-QPSK-18900-6RB#0



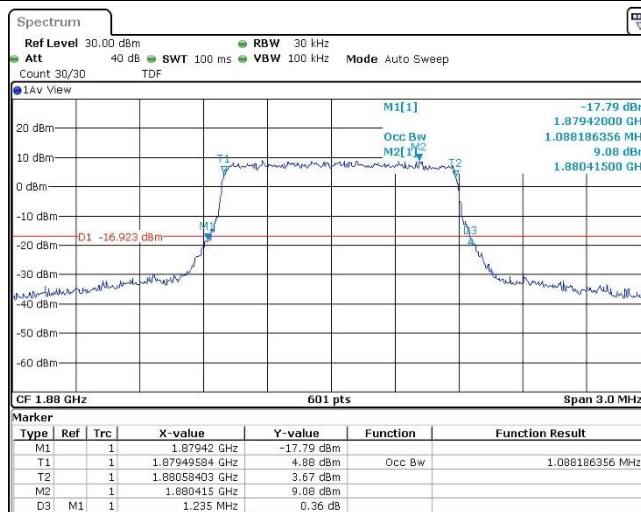
Band2-1.4MHz-QPSK-19193-6RB#0



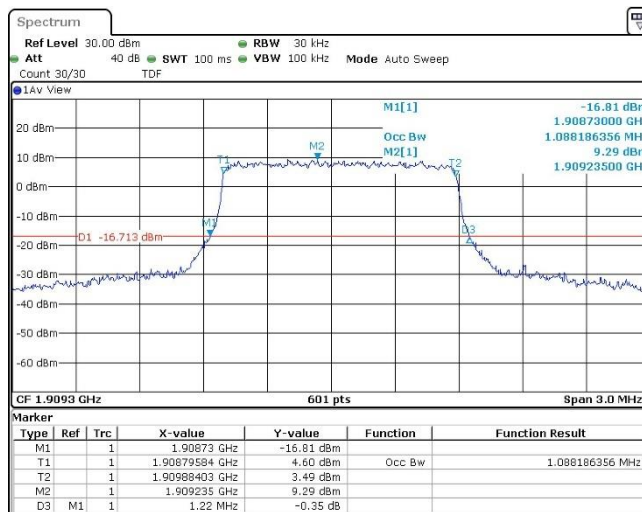
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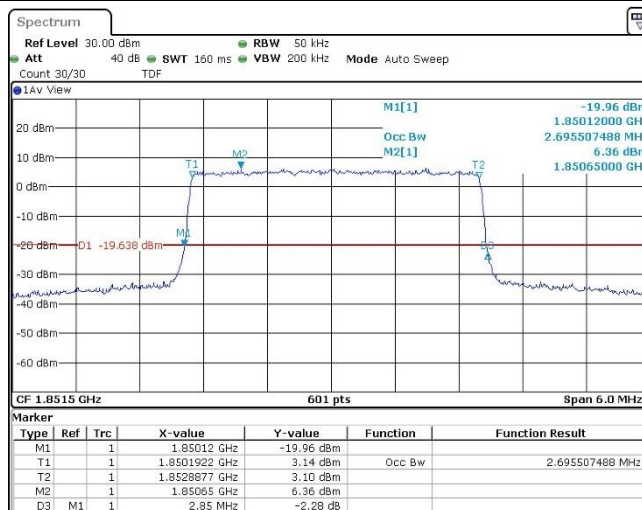
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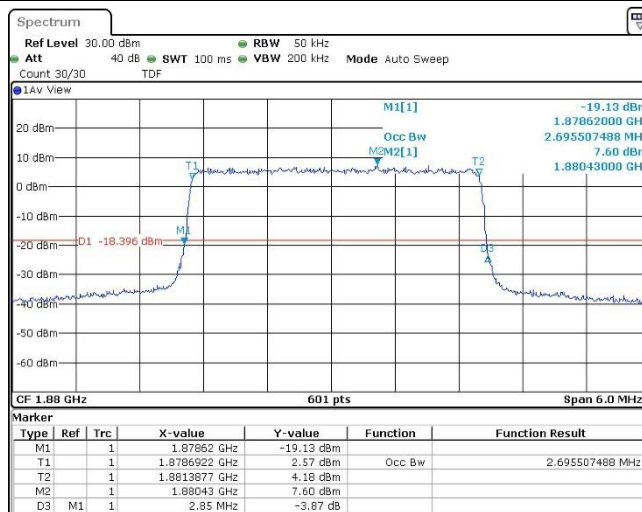
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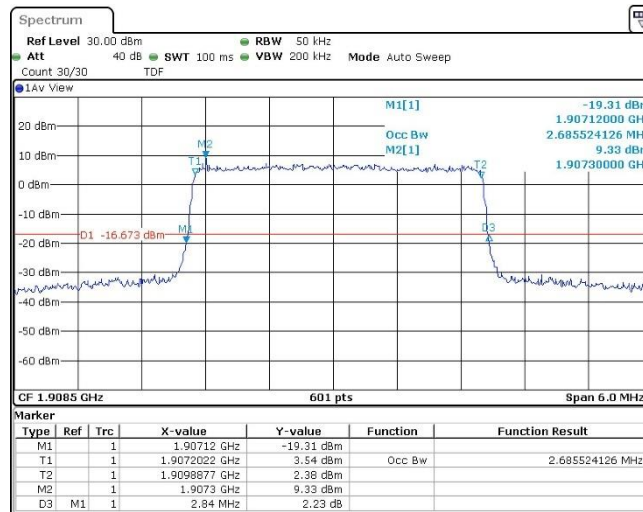
Band2-3MHz-QPSK-18615-15RB#0



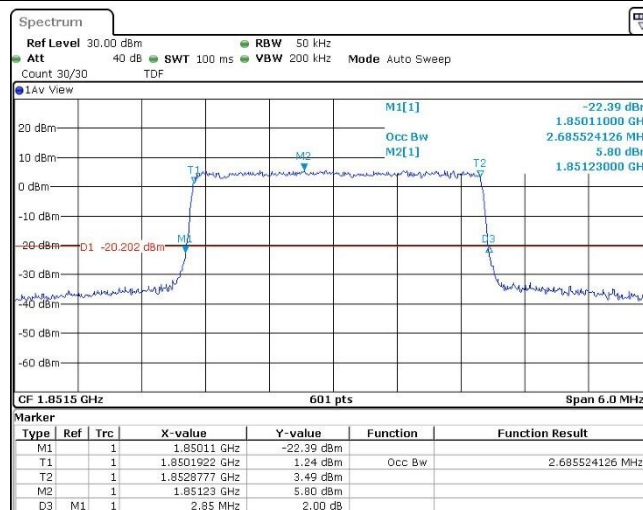
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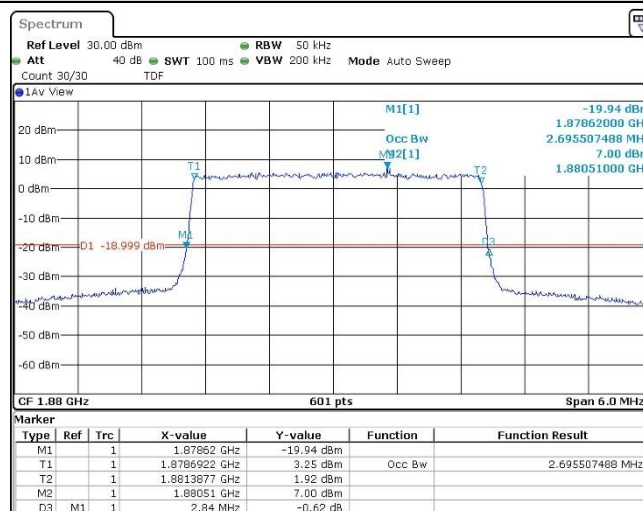
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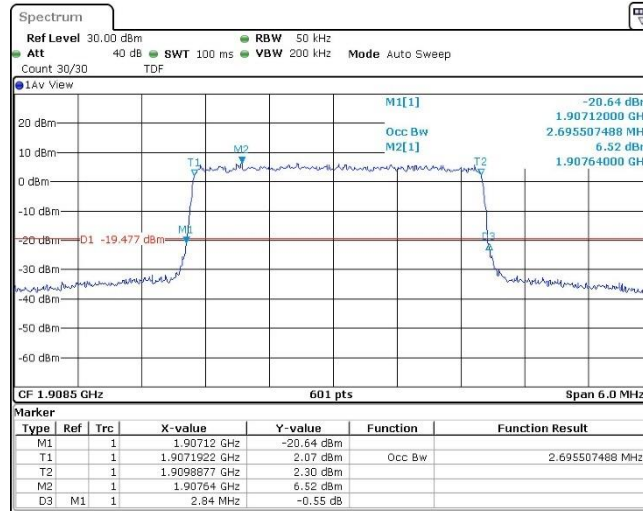
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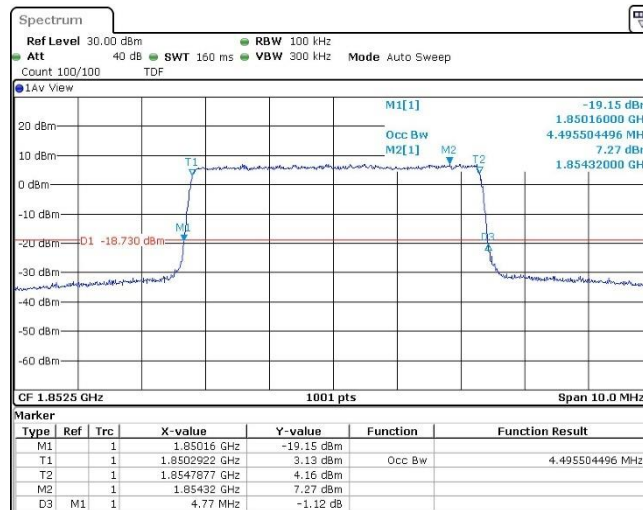
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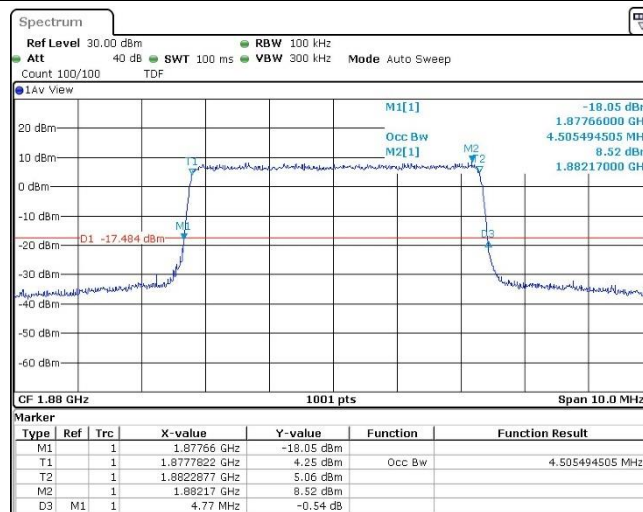
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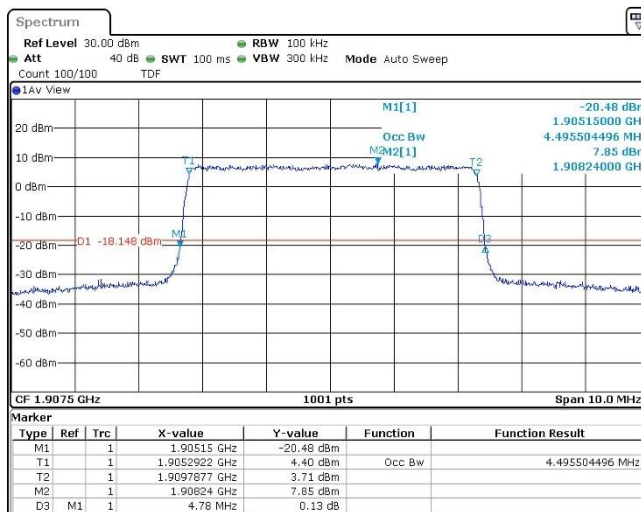
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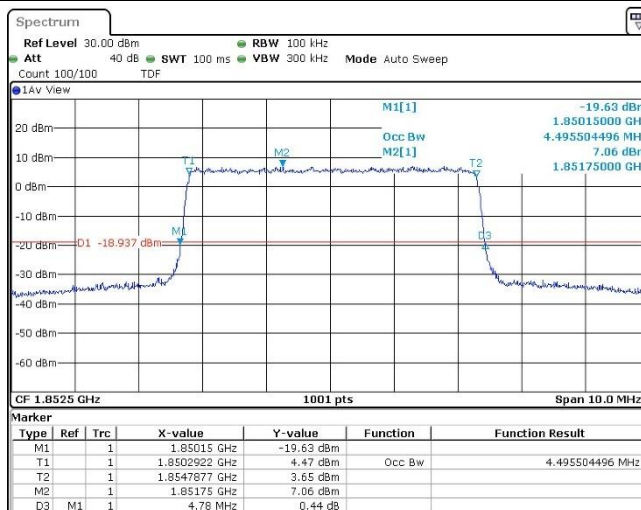
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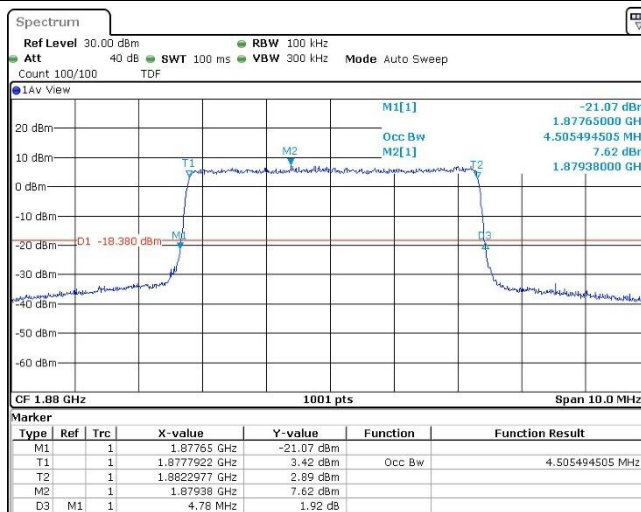
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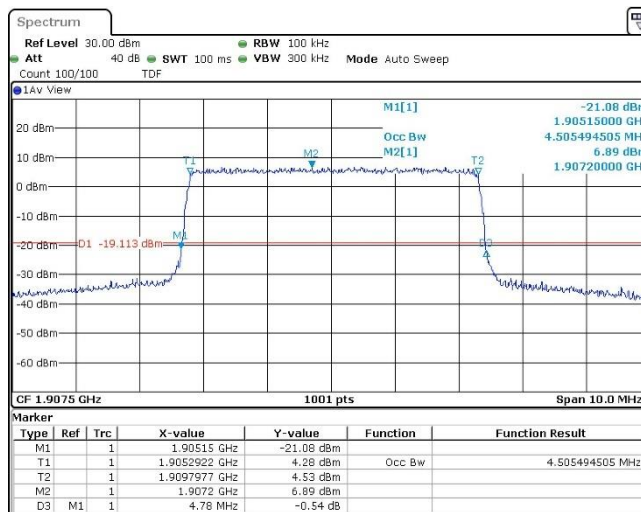
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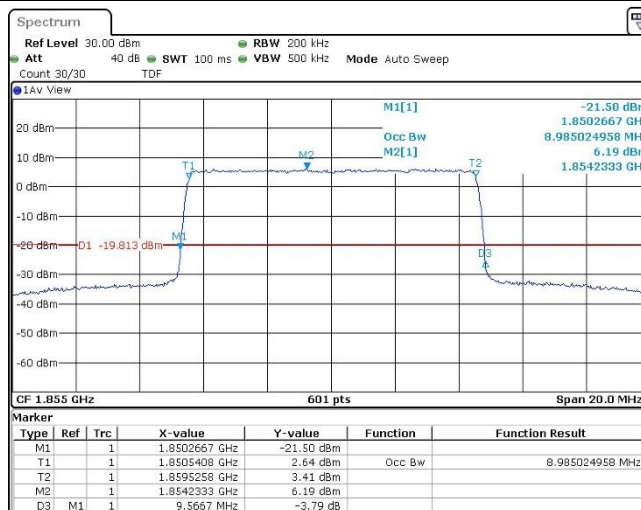
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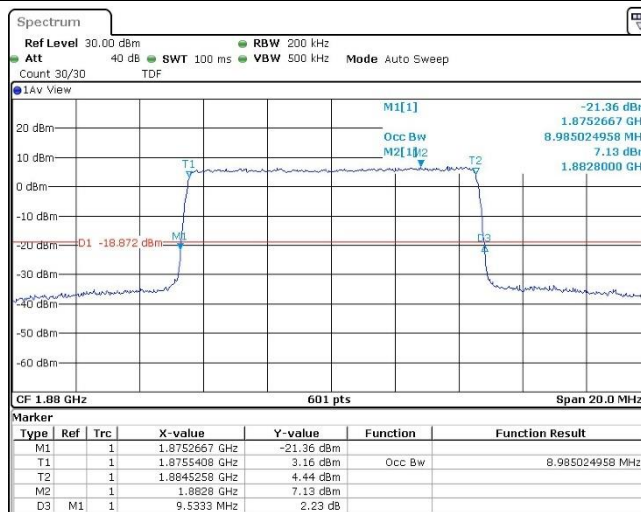
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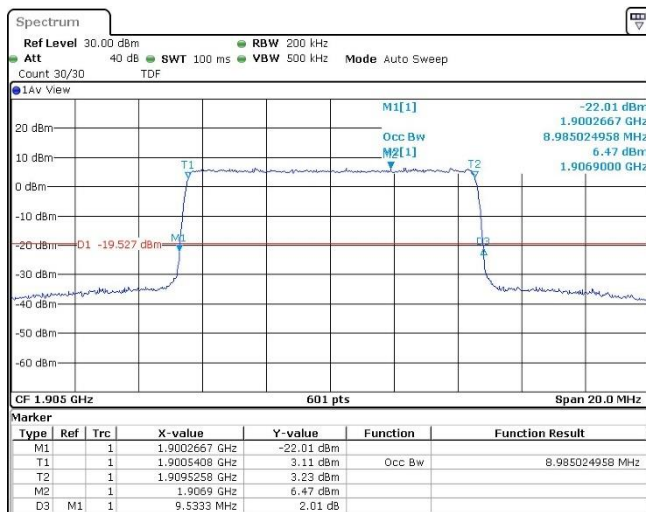
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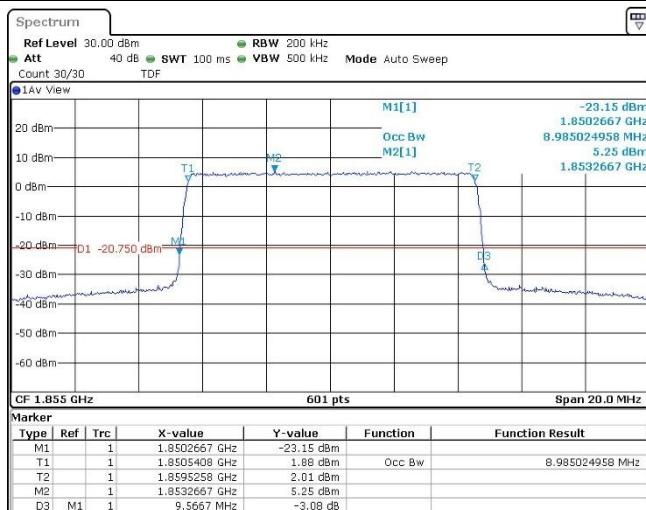
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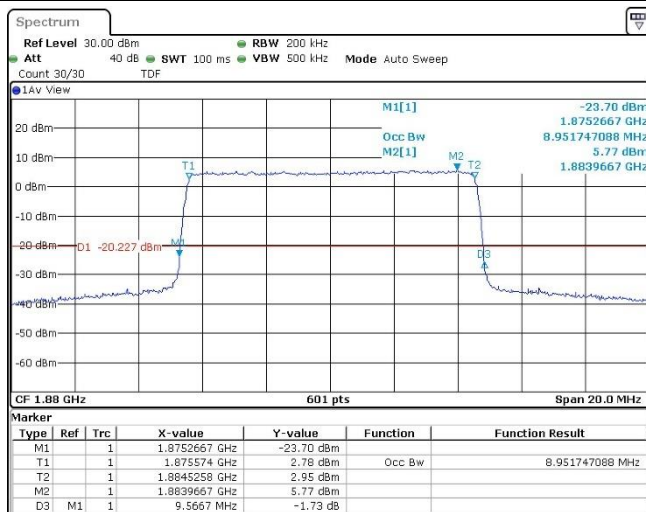
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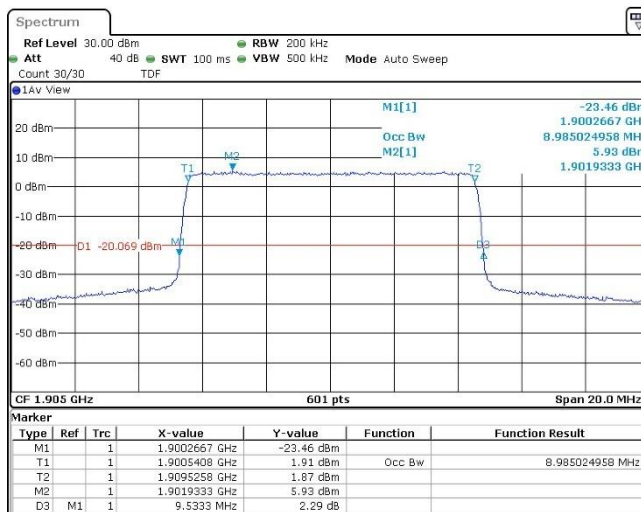
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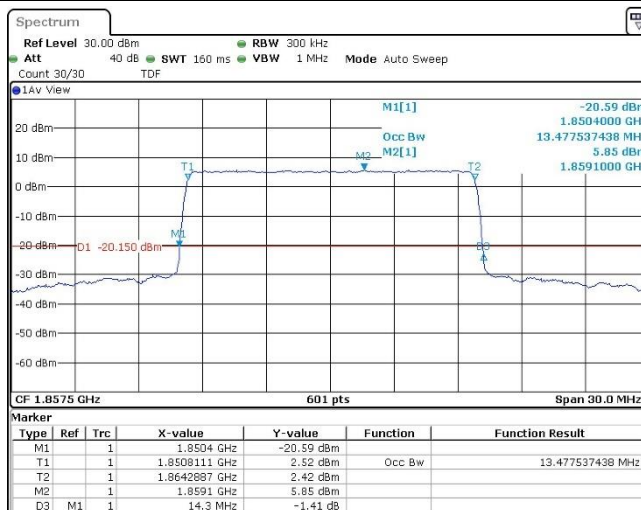
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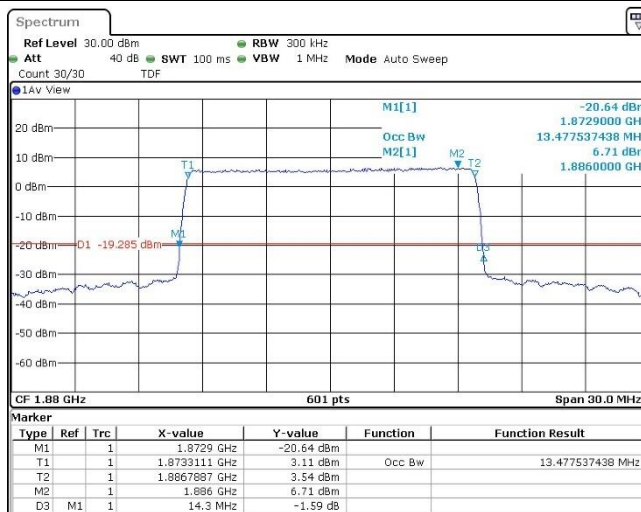
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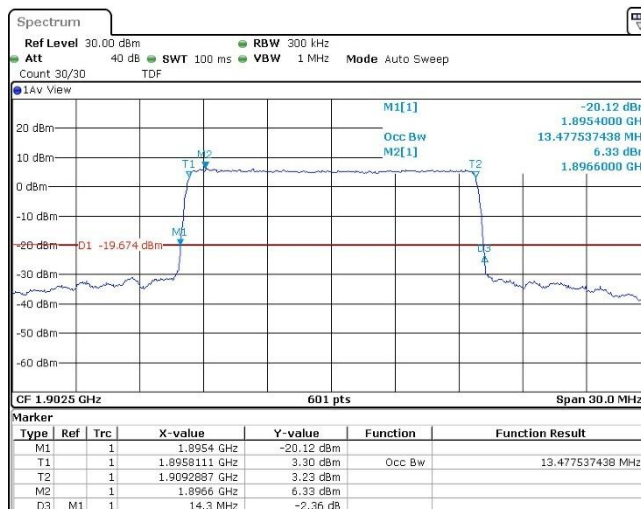
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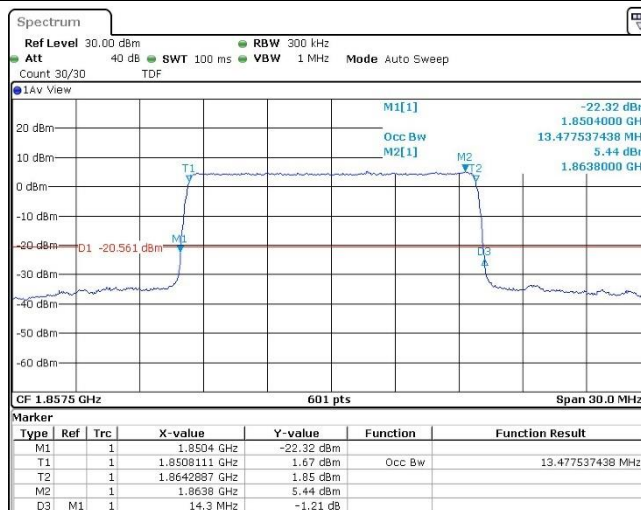
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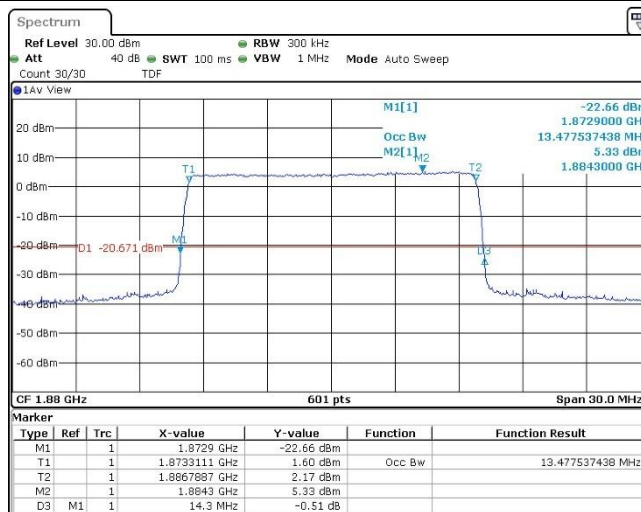
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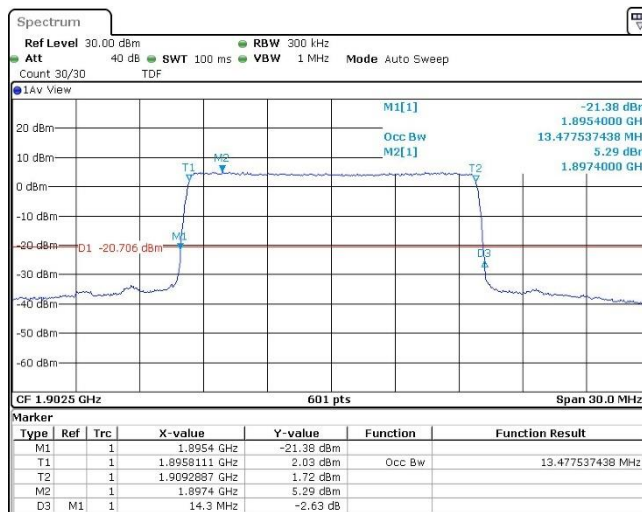
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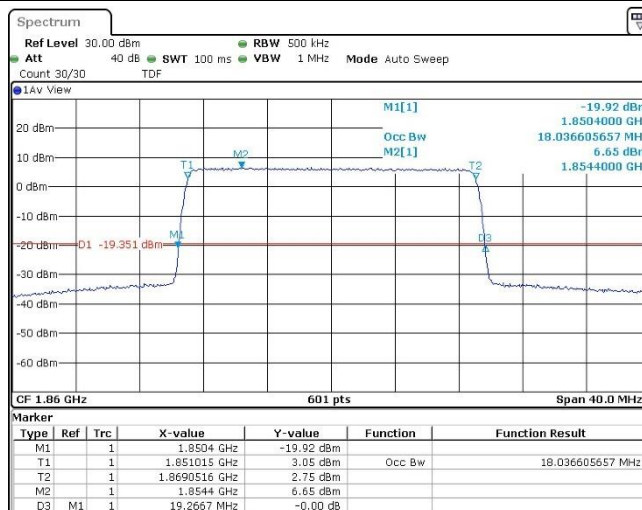
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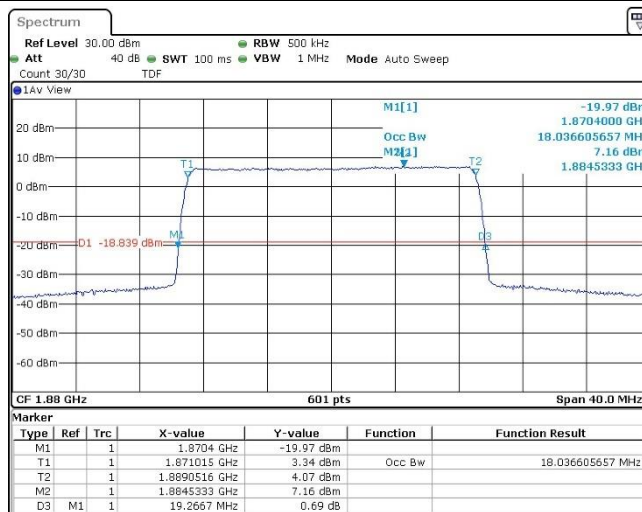
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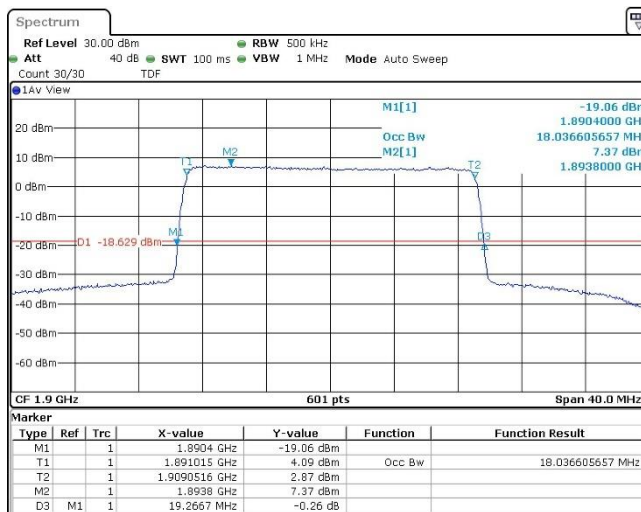
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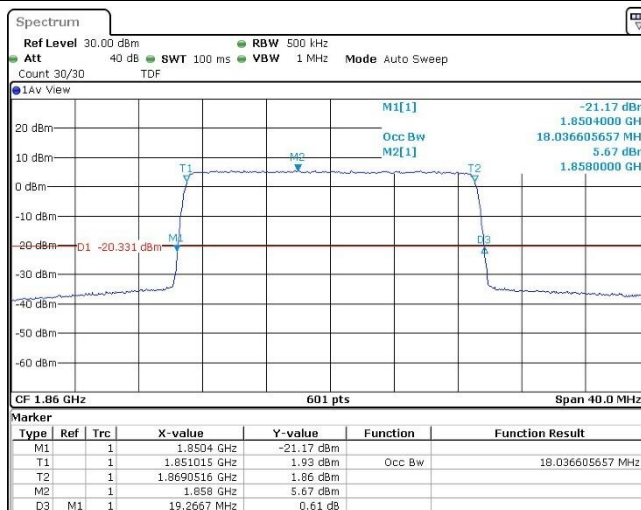
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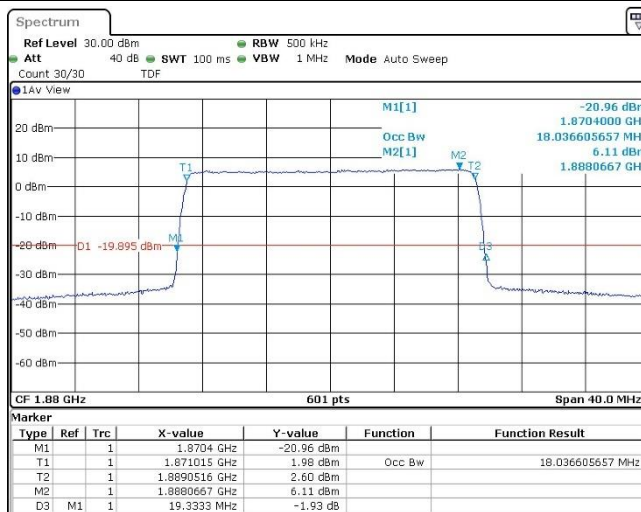
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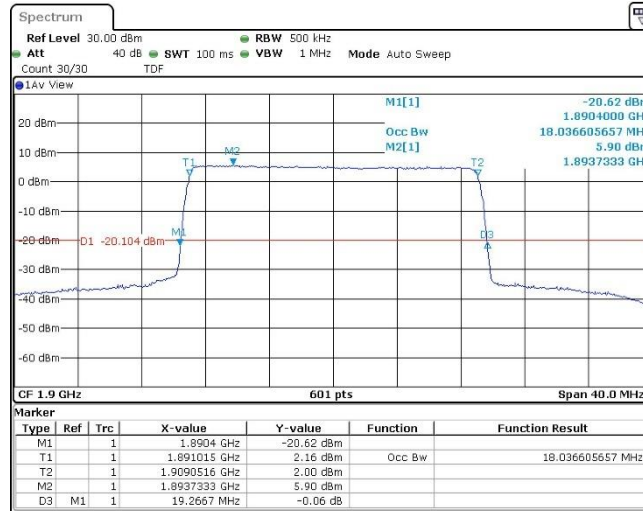
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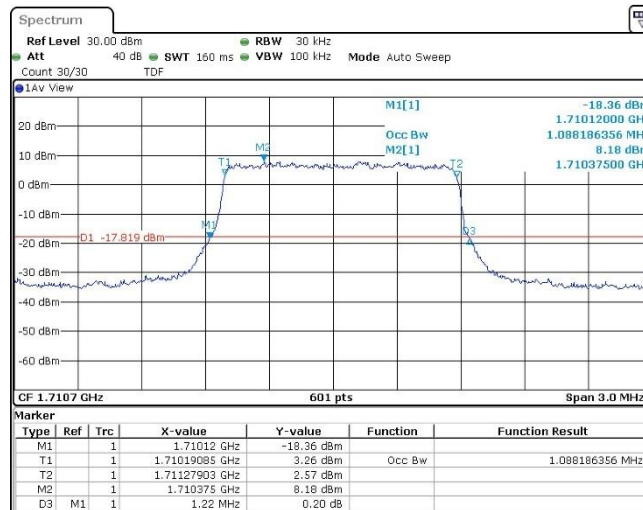
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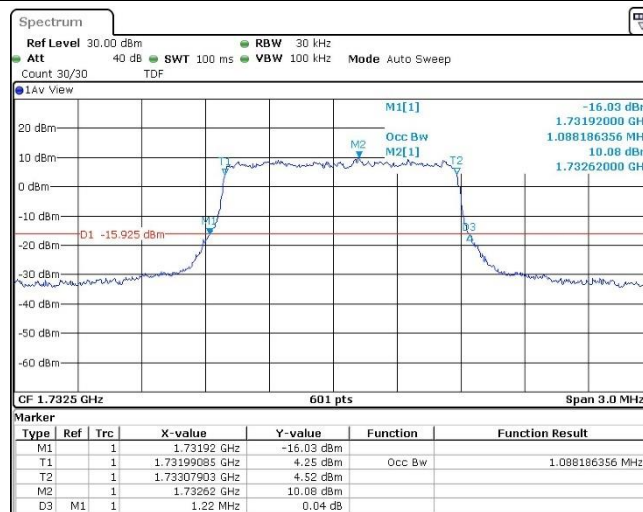
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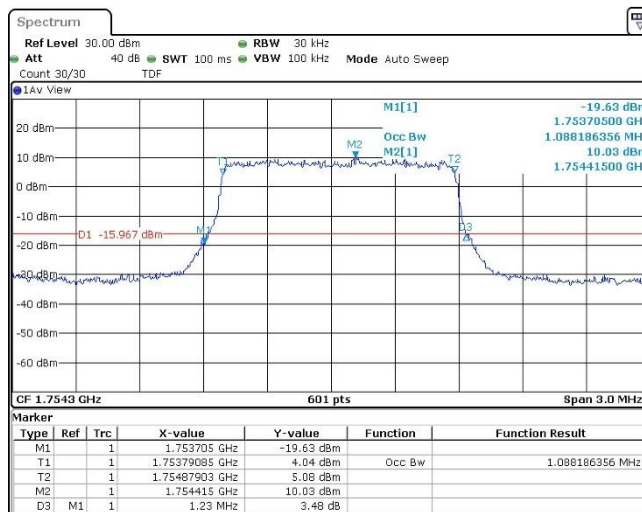
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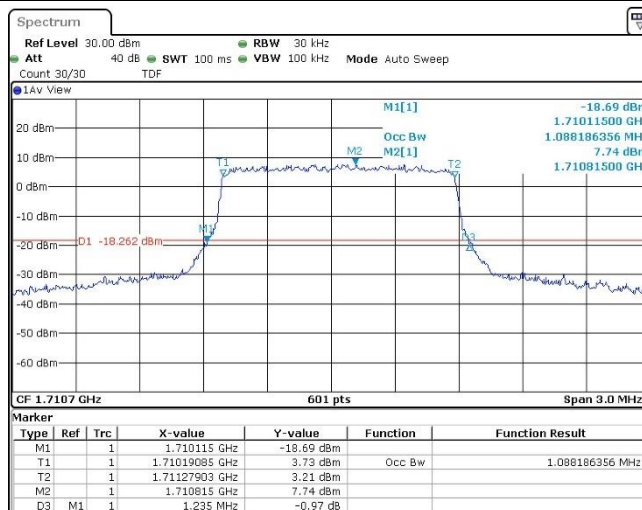
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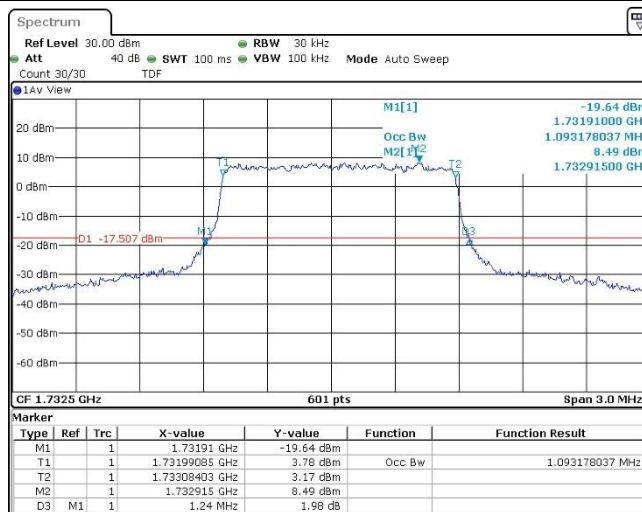
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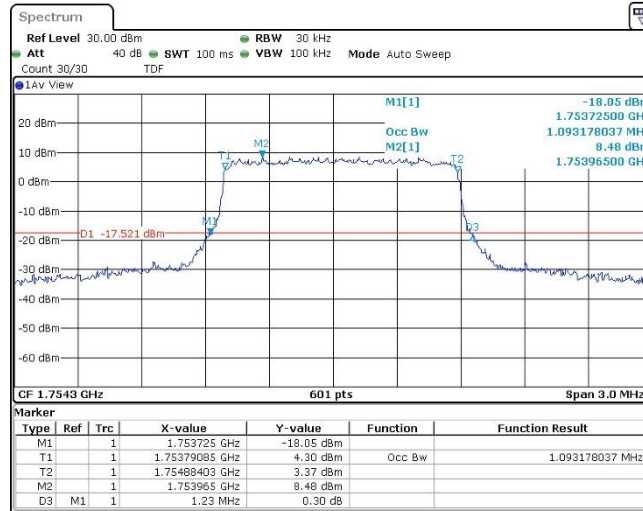
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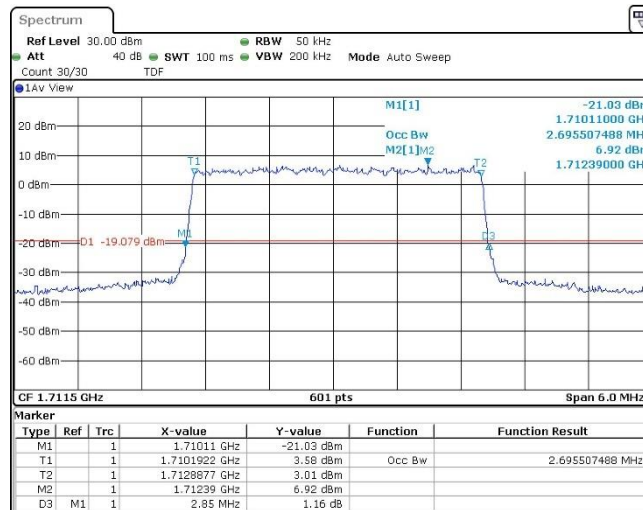
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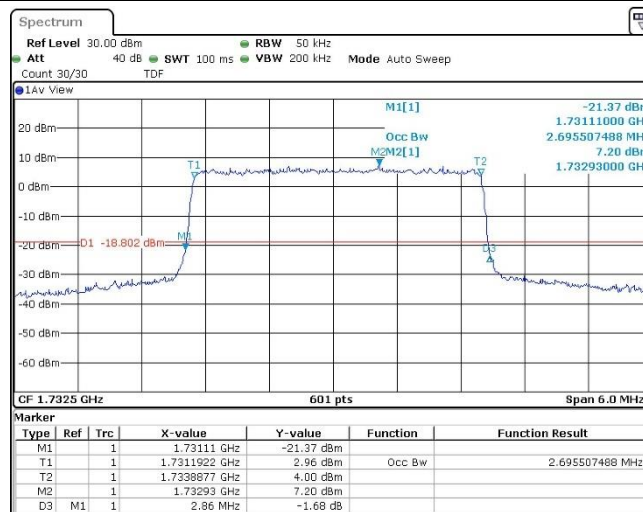
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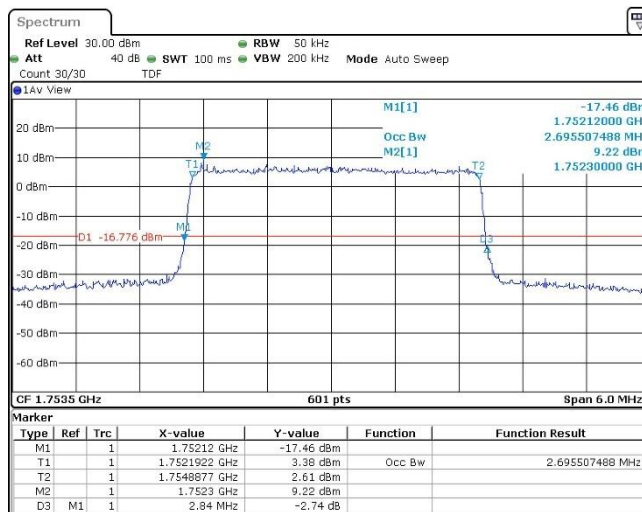
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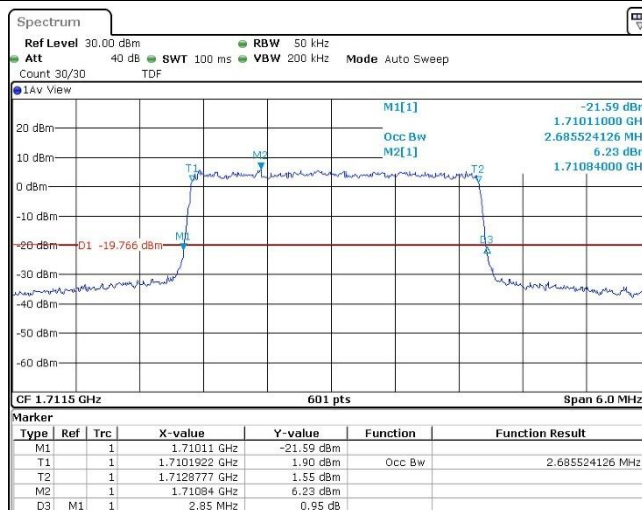
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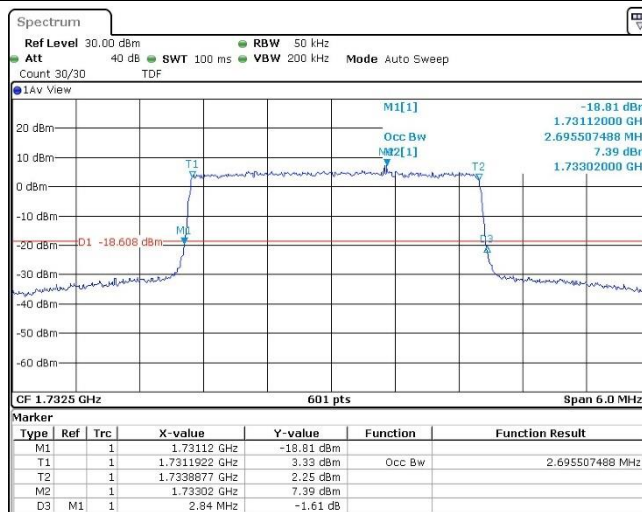
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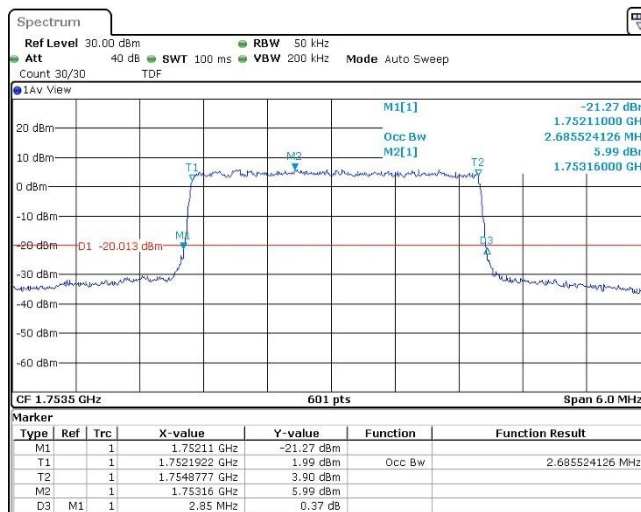
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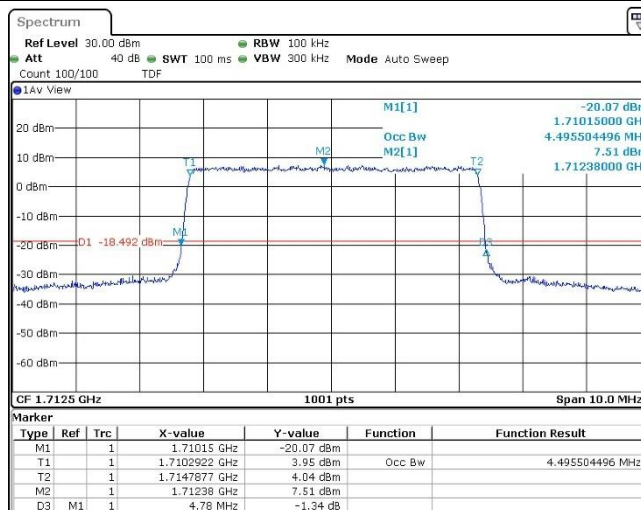
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Band4-3MHz-16QAM-20385-15RB#0



Band4-5MHz-QPSK-19975-25RB#0



Band4-5MHz-QPSK-20175-25RB#0

