

Appendix D: 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	1.098	1.25	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.22	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.098	1.25	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.27	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.23	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.26	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.696	2.88	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.88	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.696	2.88	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.696	2.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.696	2.91	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.705	2.86	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.496	4.79	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.496	4.78	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.496	4.78	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.505	4.78	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.78	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.505	4.77	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.918	9.30	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.952	9.53	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.952	9.53	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.952	9.53	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.952	9.53	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.952	9.53	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.428	14.30	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.428	14.30	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.378	14.05	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.428	14.30	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.428	14.30	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.428	14.25	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.903	19.33	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.97	19.27	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.903	18.93	PASS

Band2	20MHz	16QAM	18700	100RB#0	17.903	19.27	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.97	19.33	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.903	19.20	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.26	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.083	1.22	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.098	1.25	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.23	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.088	1.21	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.25	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.696	2.87	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.88	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.87	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.696	2.90	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	2.91	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	2.88	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.496	4.79	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.505	4.79	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.496	4.78	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.515	4.78	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.80	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.505	4.78	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.918	9.27	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.952	9.53	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.53	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.952	9.53	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.53	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.952	9.53	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.30	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.428	14.30	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.30	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.428	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.428	14.30	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.428	14.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.97	19.33	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.97	19.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	19.33	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.97	19.33	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.97	19.33	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.97	19.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.098	1.26	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.24	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.24	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.25	PASS

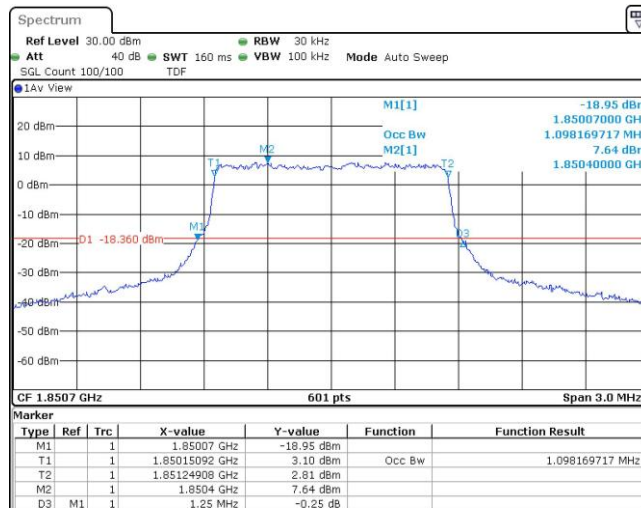
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.23	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.696	2.87	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.87	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.696	2.88	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.91	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.88	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.87	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.80	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.486	4.78	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.79	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.505	4.79	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.78	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.505	4.78	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.57	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.952	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	8.952	9.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.985	9.53	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.093	1.24	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.25	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.093	1.22	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.088	1.25	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.088	1.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.24	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.686	2.86	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.705	2.87	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.705	2.87	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.696	2.86	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.696	2.88	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.705	2.89	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.496	4.78	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.496	4.78	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.505	4.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.496	4.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.505	4.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.515	4.78	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.53	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.985	9.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.918	9.53	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	9.53	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.952	9.53	PASS

Band12	10MHz	16QAM	23130	50RB#0	8.918	9.53	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.486	4.79	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.496	4.78	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.486	4.79	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.496	4.79	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.505	4.78	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.505	4.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.918	9.53	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.918	9.53	PASS
Band14	5MHz	QPSK	23305	25RB#0	4.496	4.79	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.505	4.78	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.496	4.80	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.505	4.79	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.505	4.78	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.505	4.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.952	9.53	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.952	9.53	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.093	1.25	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.088	1.27	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.088	1.25	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.088	1.25	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.23	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.088	1.26	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.686	2.87	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.696	2.88	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.705	2.90	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.696	2.90	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.696	2.89	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.696	2.89	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.496	4.80	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.496	4.78	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.486	4.82	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.505	4.79	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.515	4.77	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.505	4.78	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.985	9.53	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.952	9.53	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.952	9.53	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.952	9.53	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.952	9.53	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.952	9.53	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.478	14.30	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.378	14.30	PASS

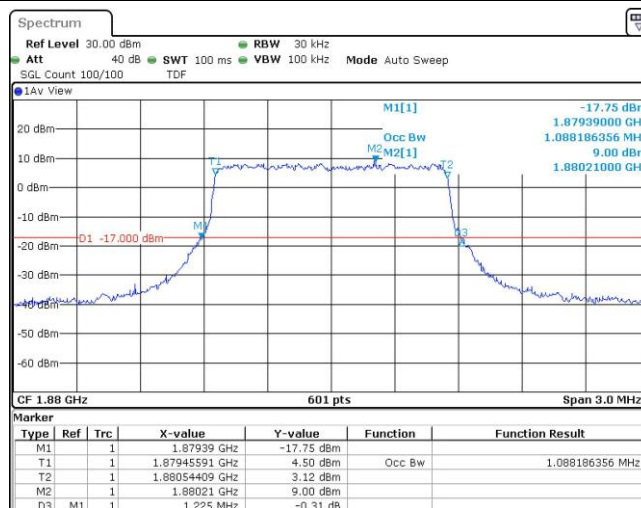
Band66	15MHz	QPSK	132597	75RB#0	13.478	14.30	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.428	14.30	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.428	14.30	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.428	14.30	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.97	19.33	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.97	19.33	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.97	19.33	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.97	19.33	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.97	19.33	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.97	19.33	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.496	4.78	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.496	4.79	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.496	4.78	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.505	4.78	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.505	4.80	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.505	4.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.985	9.60	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.952	9.53	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.918	9.53	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.985	9.53	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.985	9.53	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.918	9.53	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.478	14.30	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.478	14.30	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.428	14.30	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.428	14.30	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.97	19.27	PASS
Band71	20MHz	QPSK	133322	100RB#0	18.037	19.33	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.903	19.27	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.97	19.20	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.037	19.33	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.903	19.27	PASS

Test Graphs

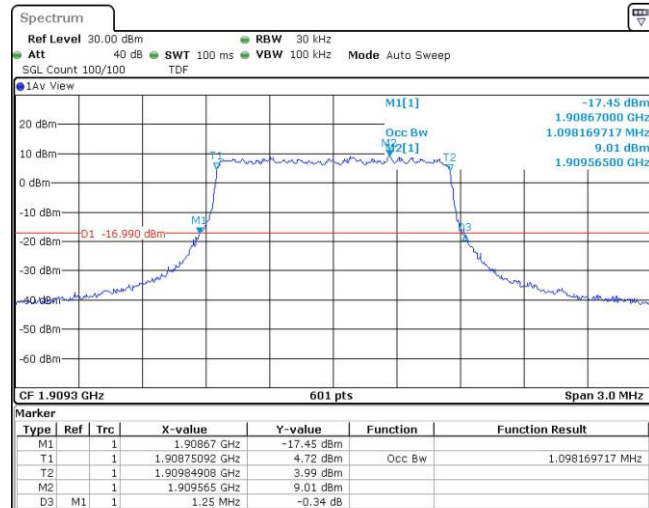
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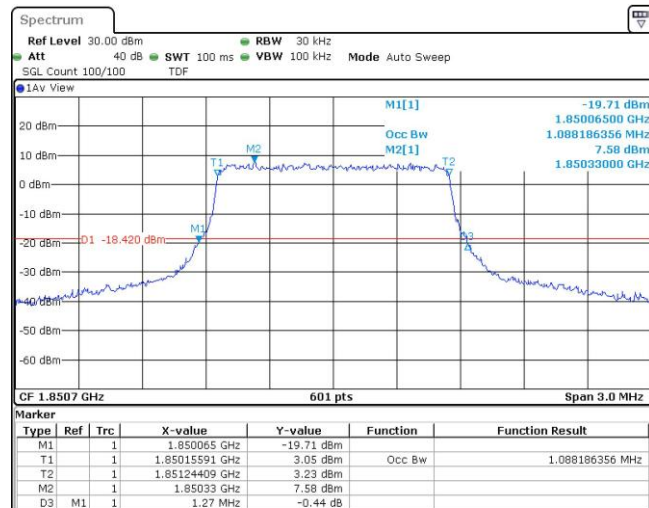
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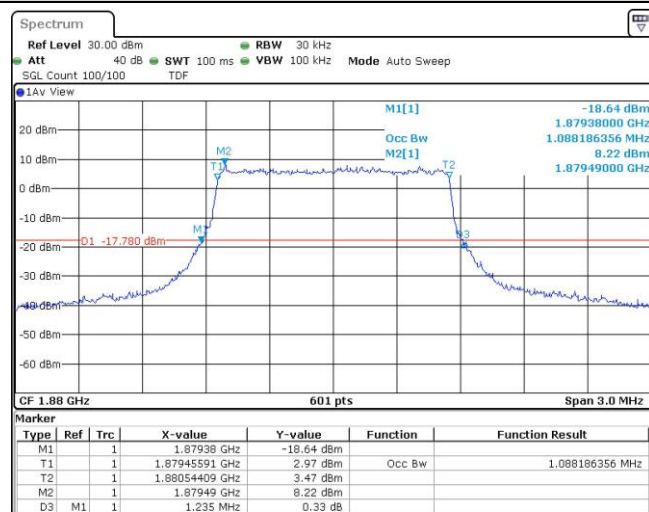
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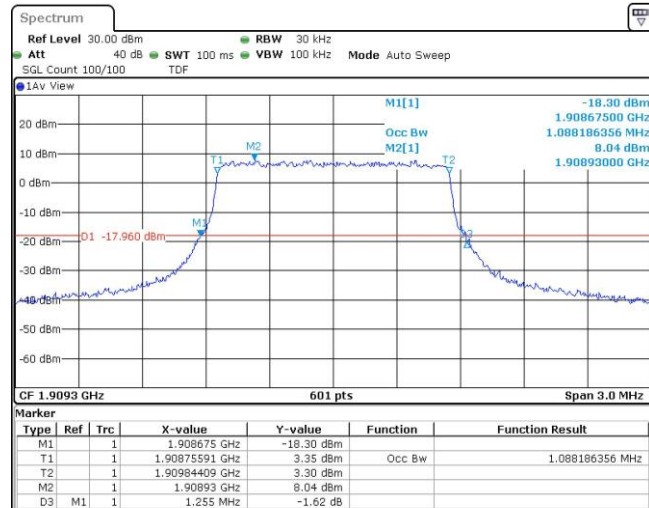
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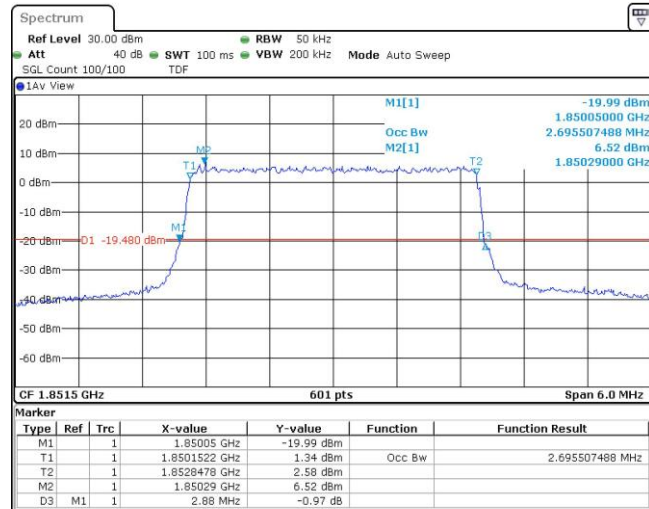
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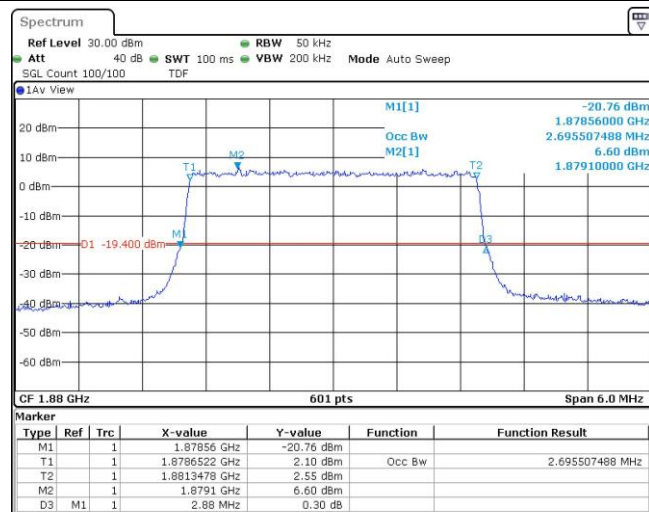
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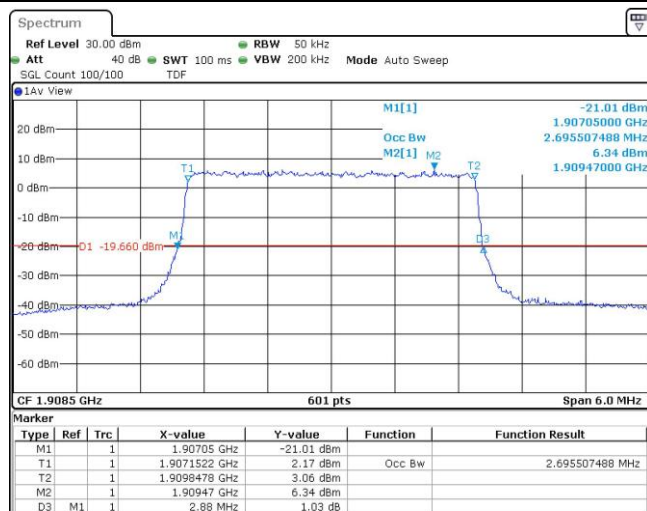
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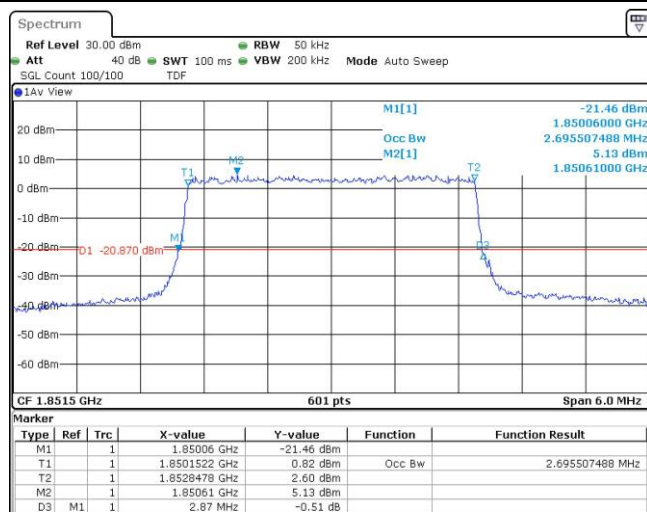
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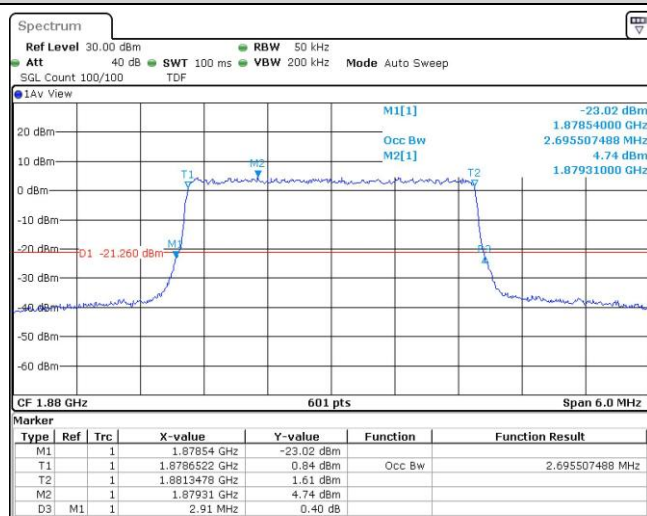
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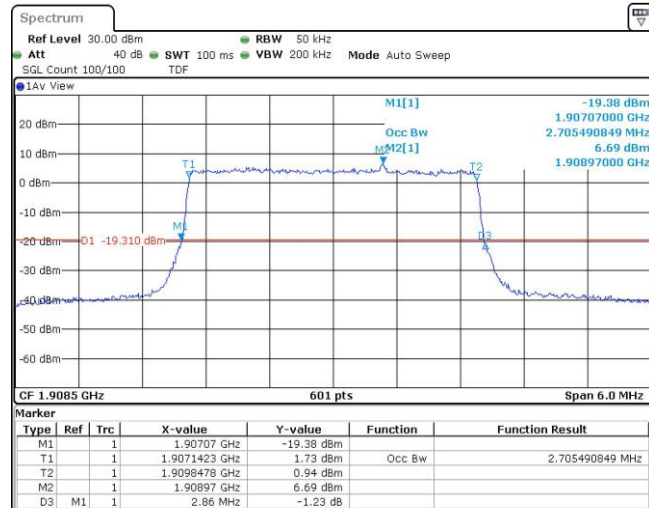
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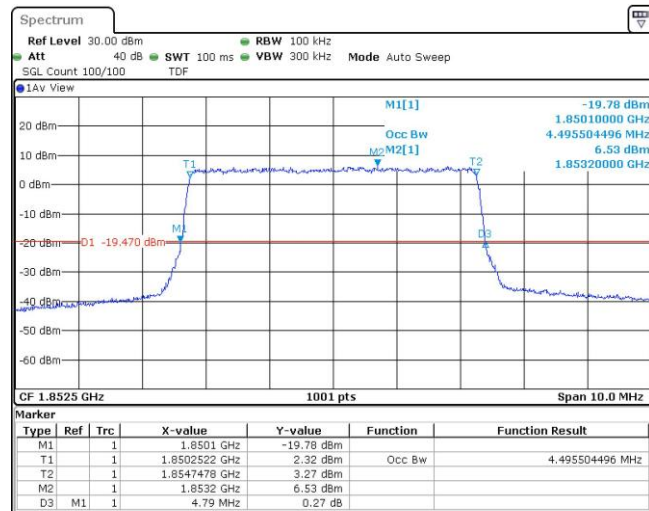
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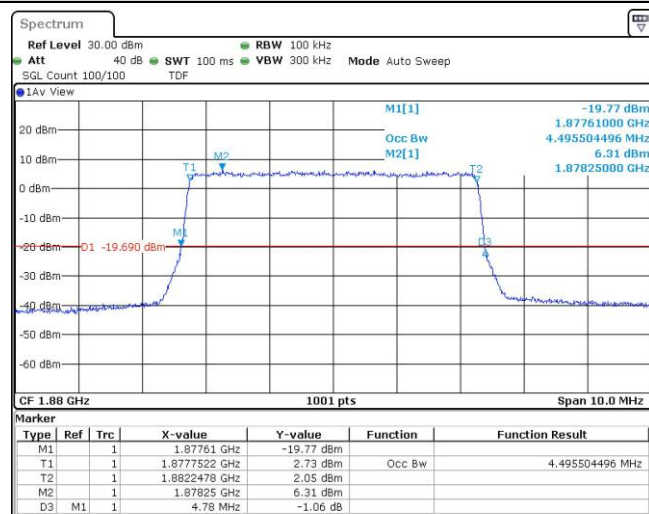
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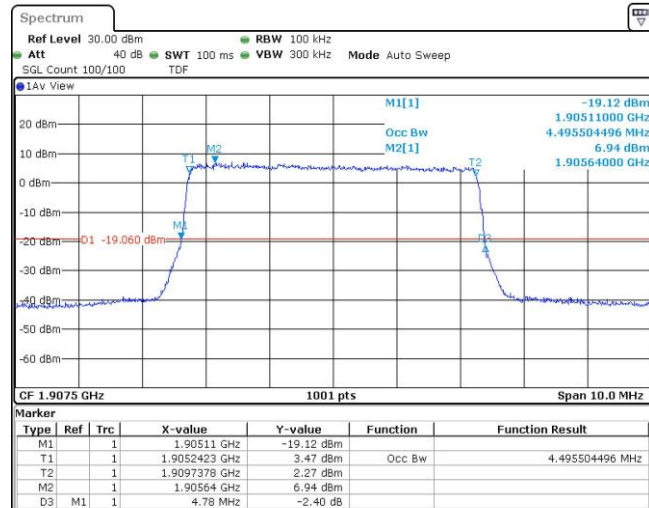
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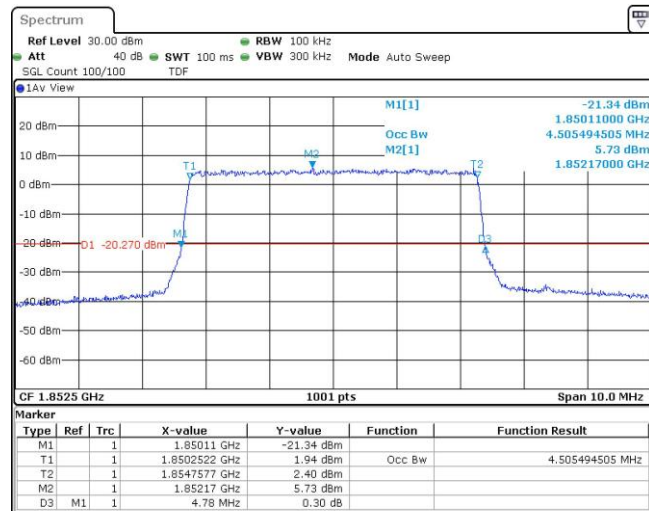
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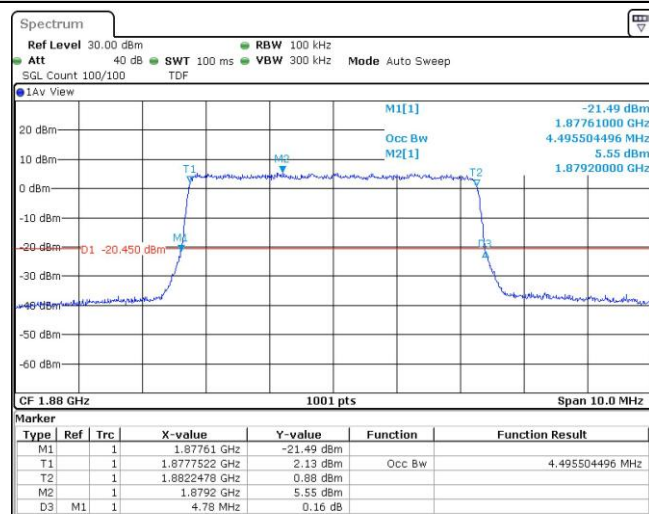
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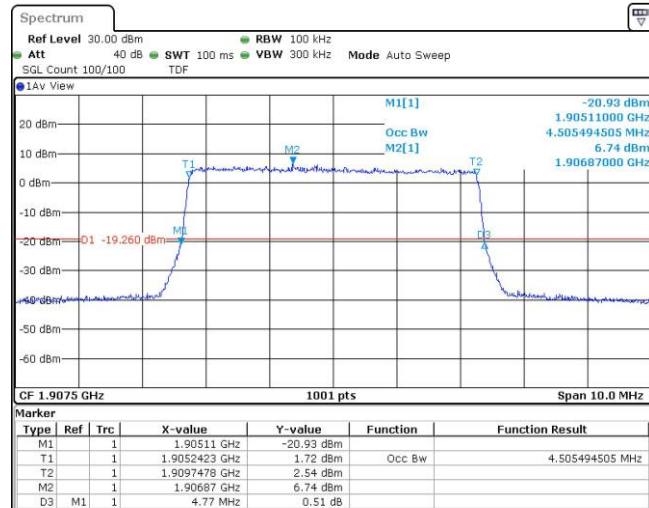
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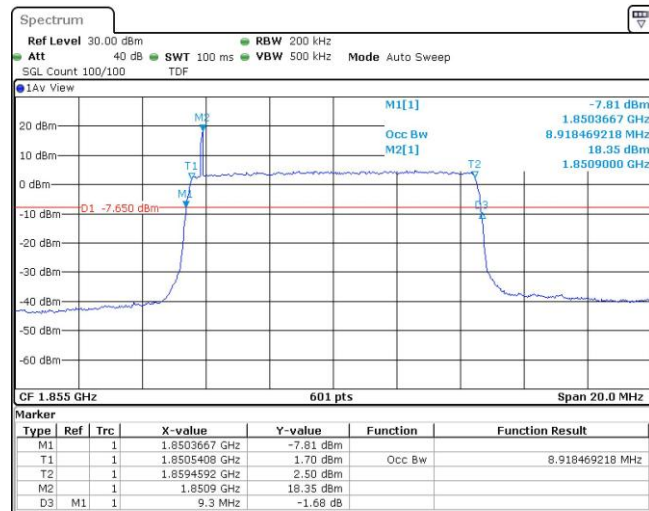
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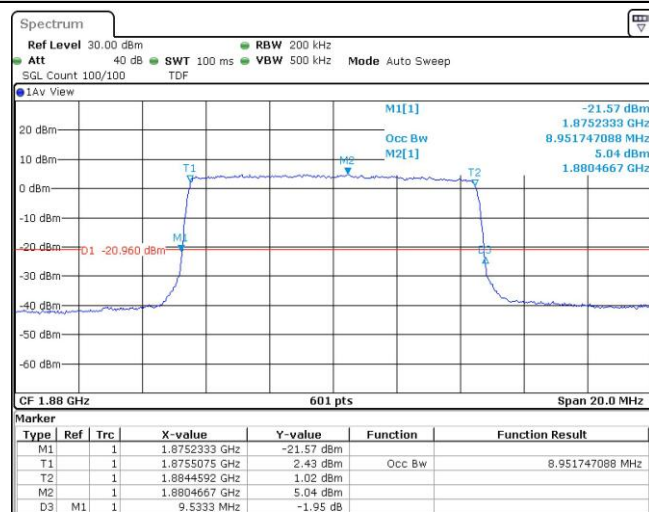
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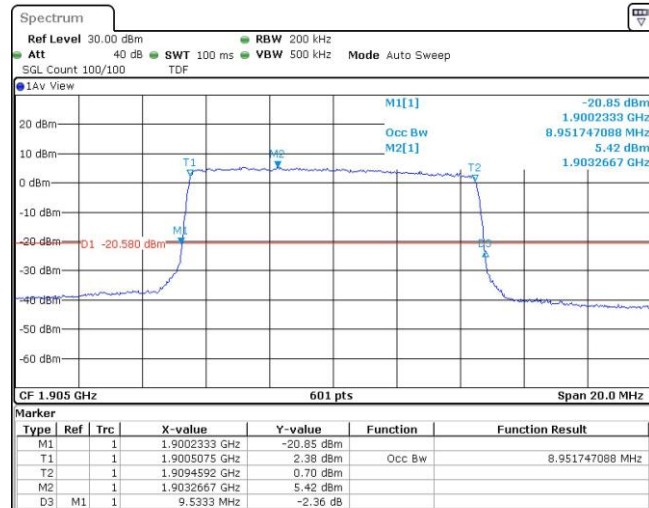
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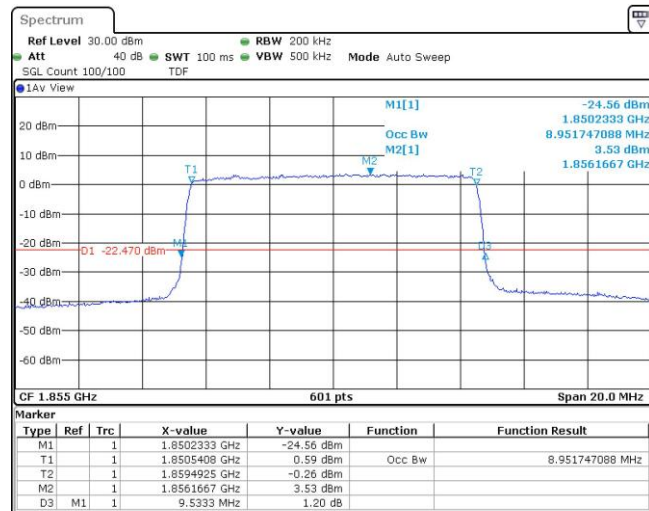
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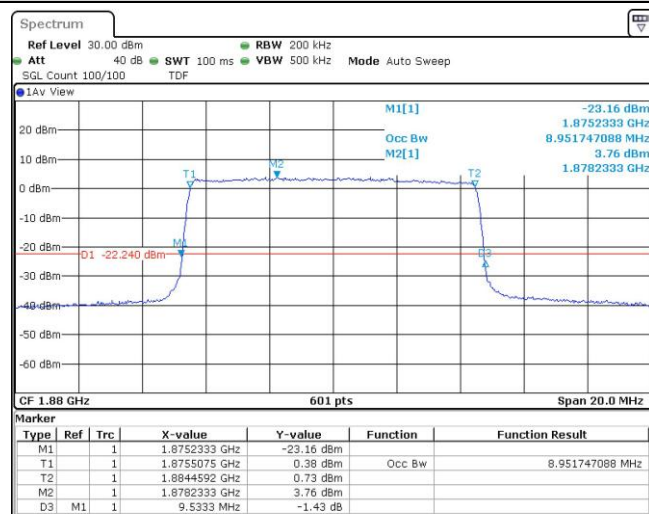
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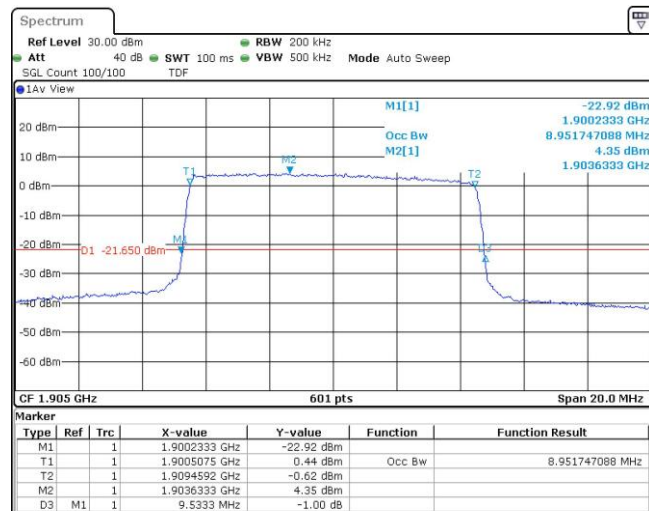
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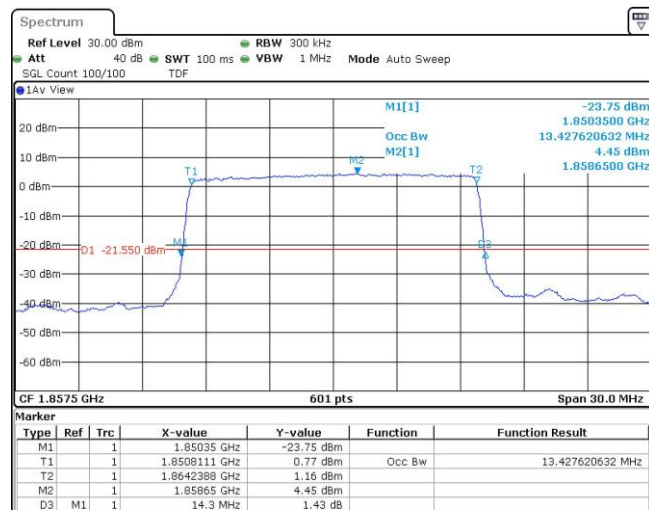
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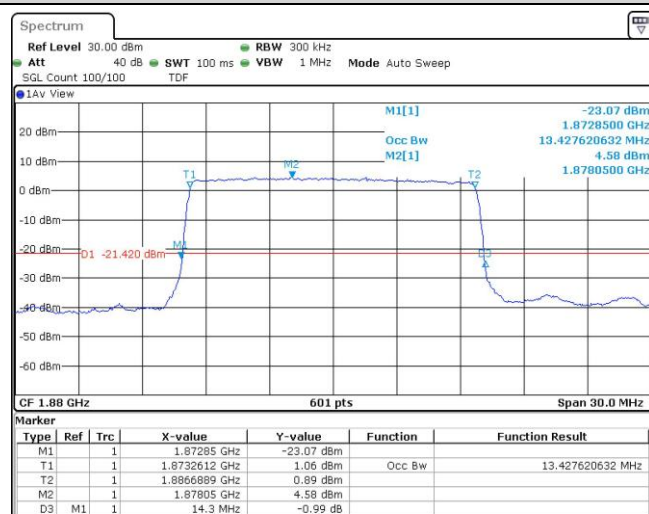
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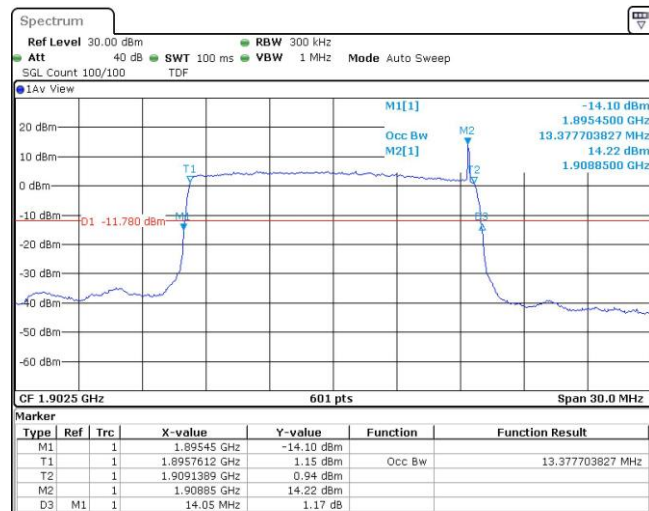
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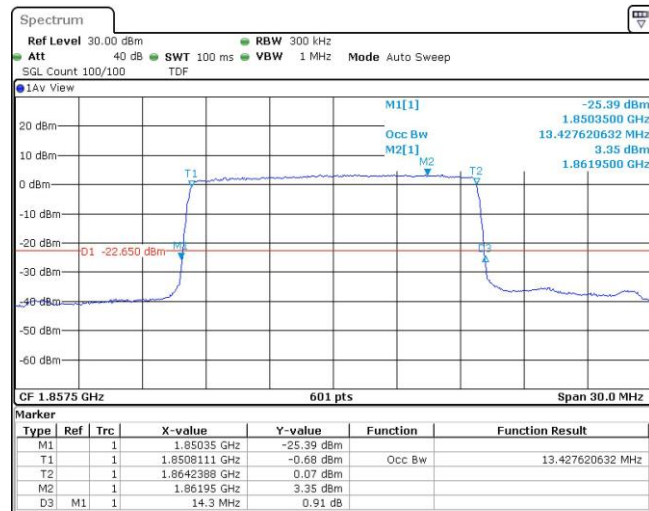
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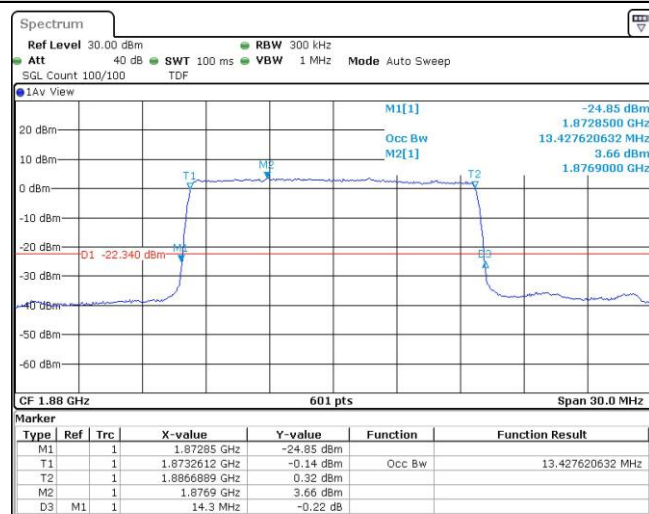
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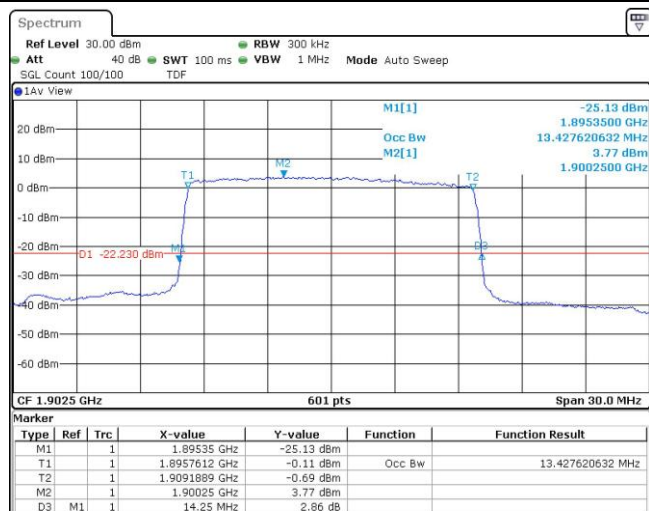
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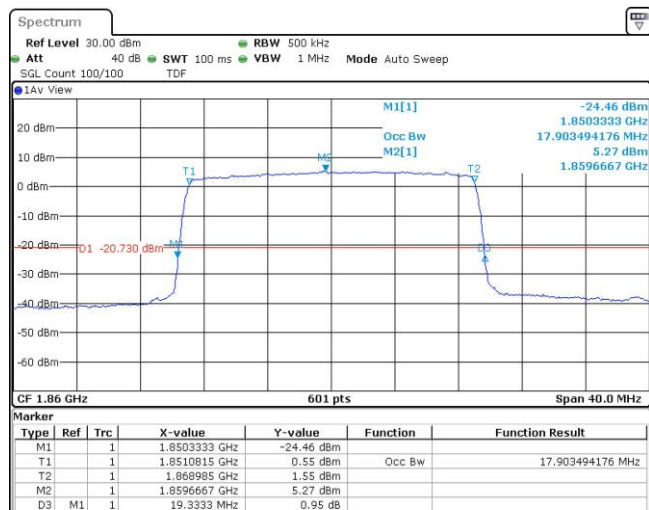
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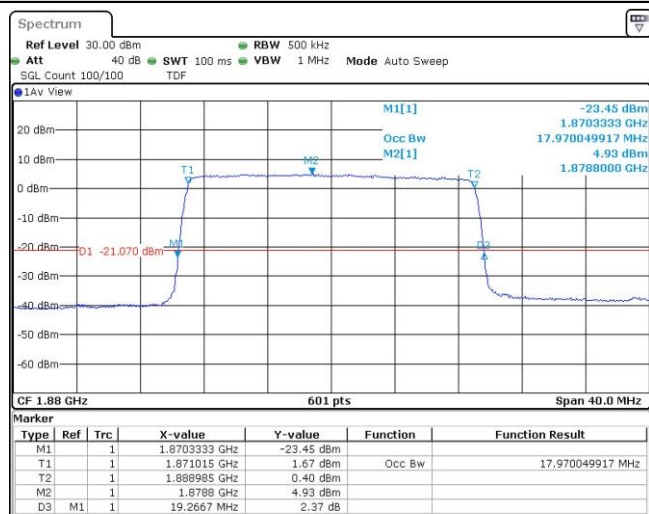
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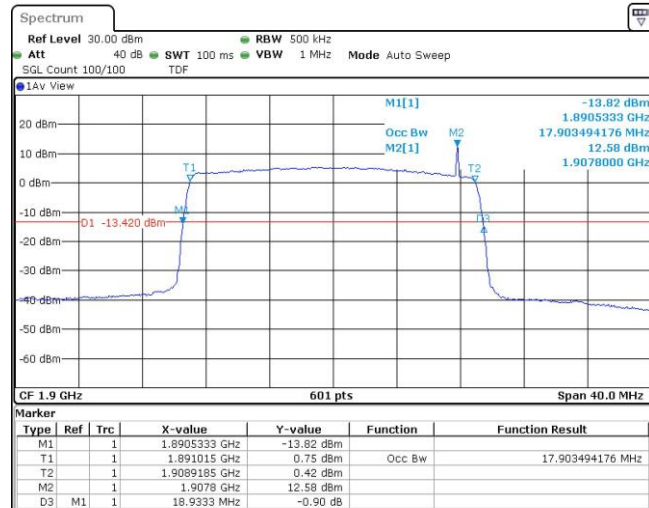
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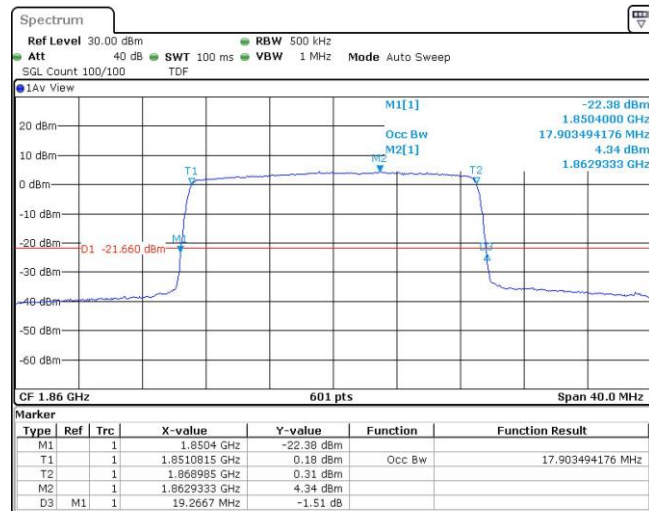
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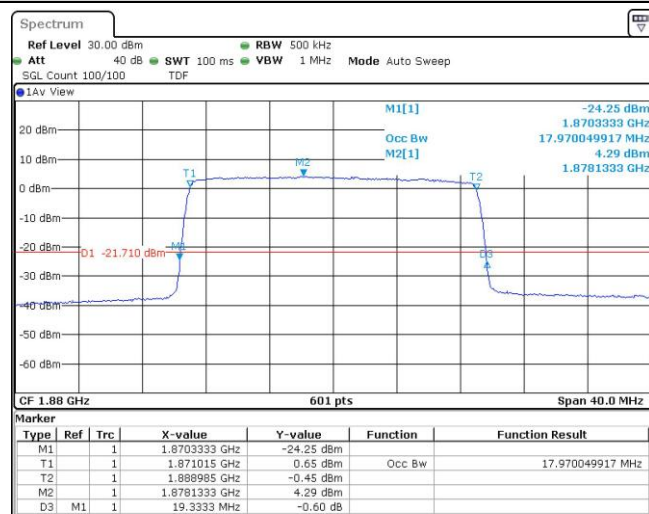
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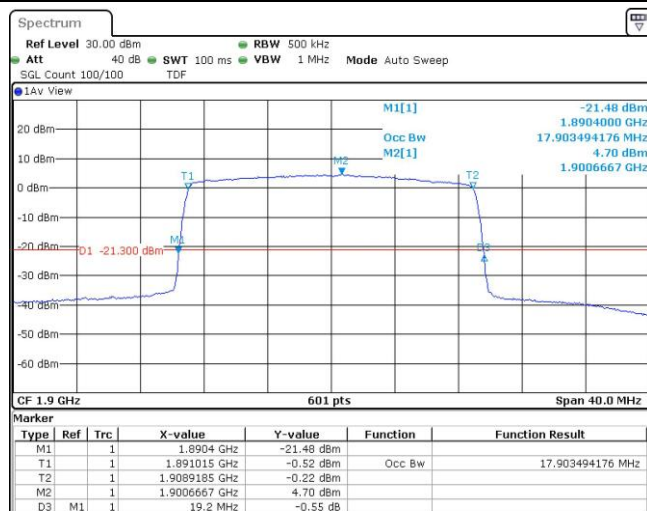
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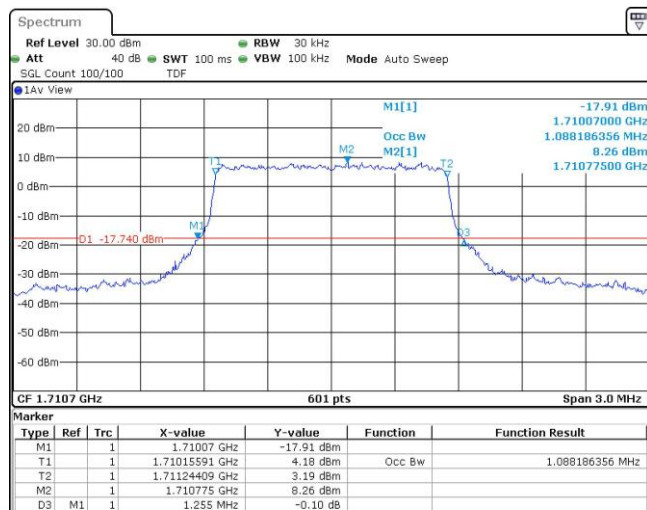
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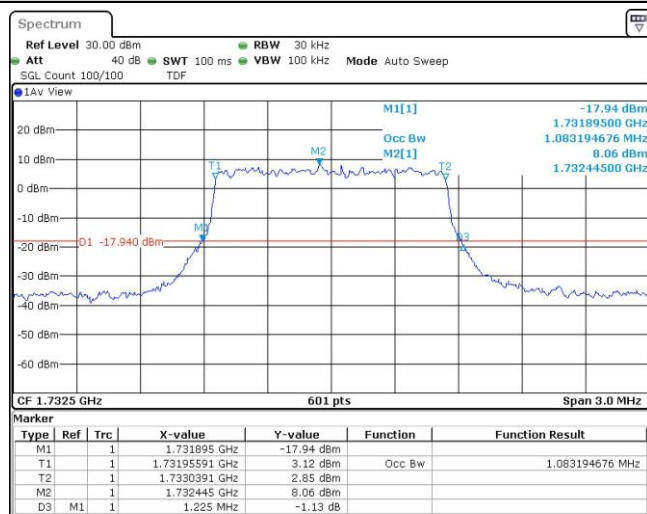
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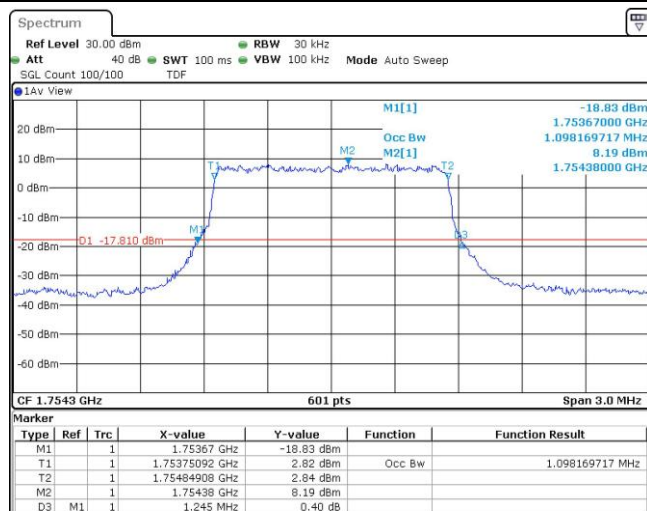
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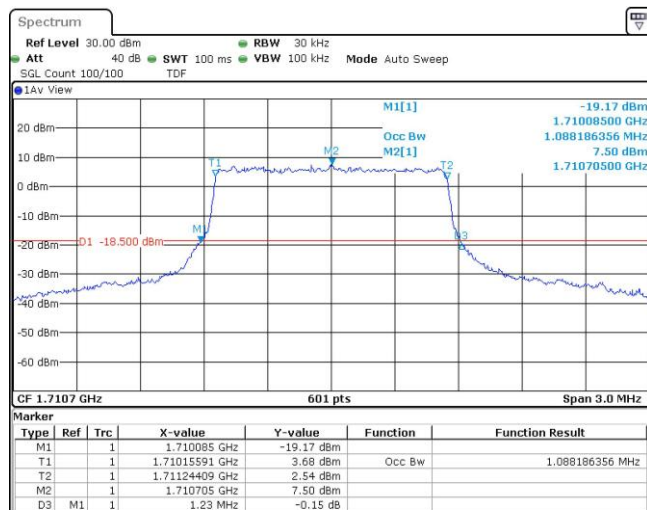
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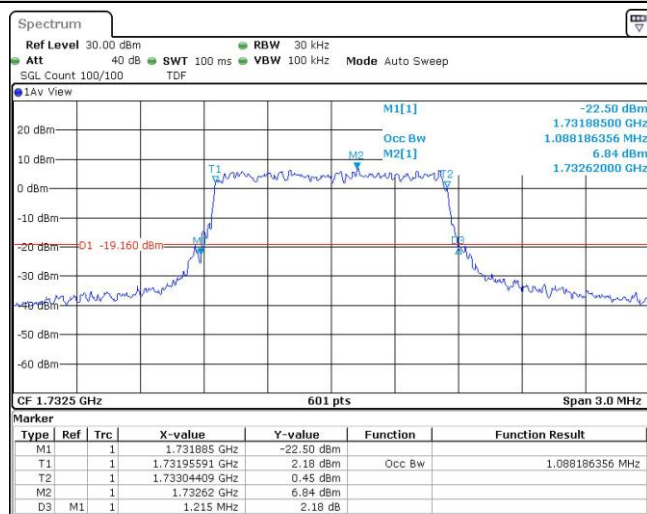
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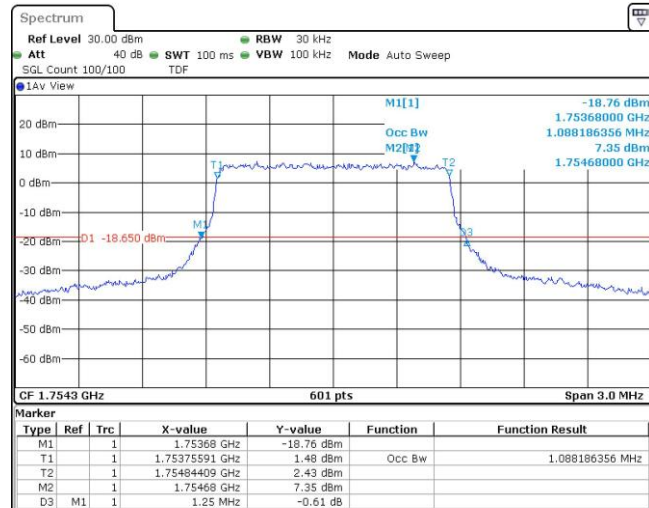
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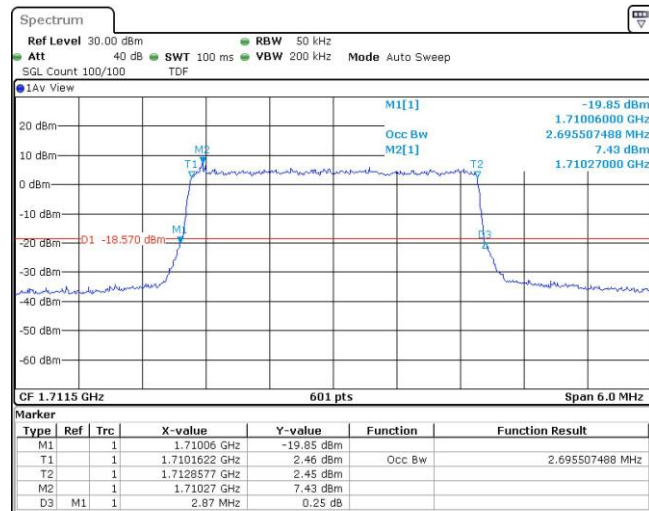
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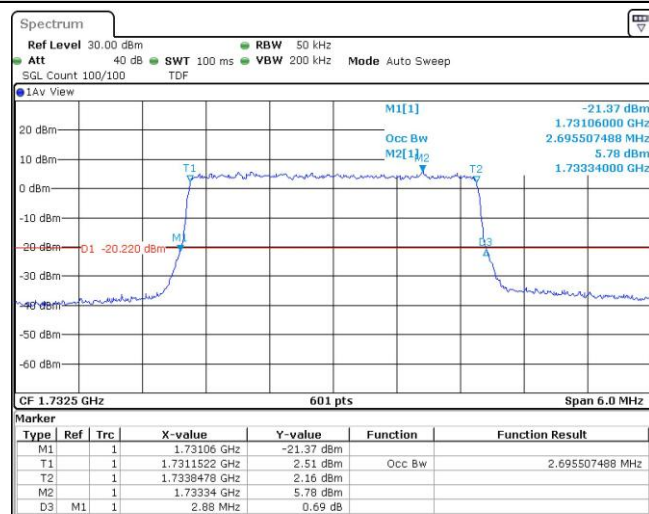
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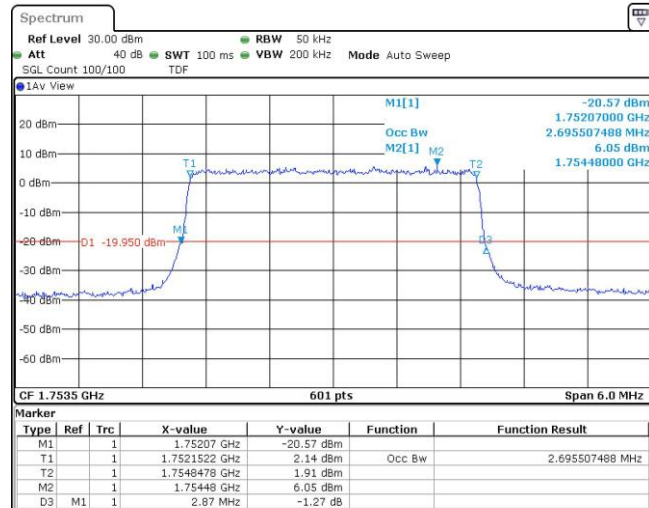
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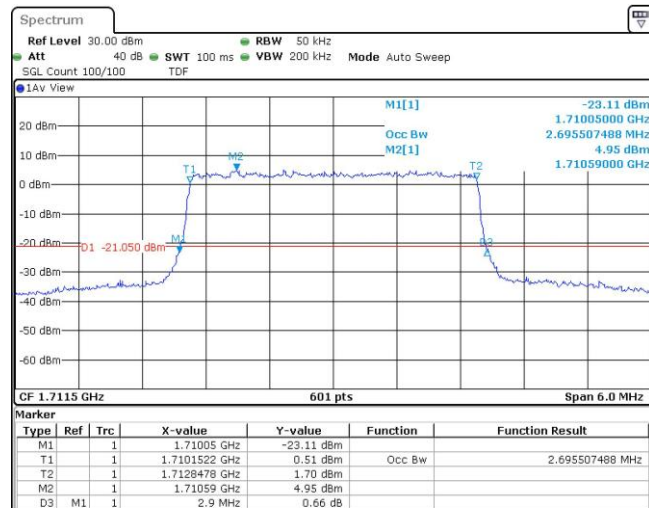
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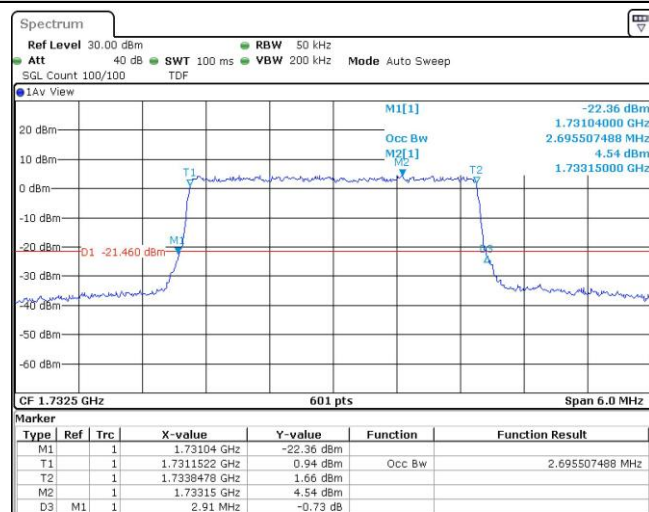
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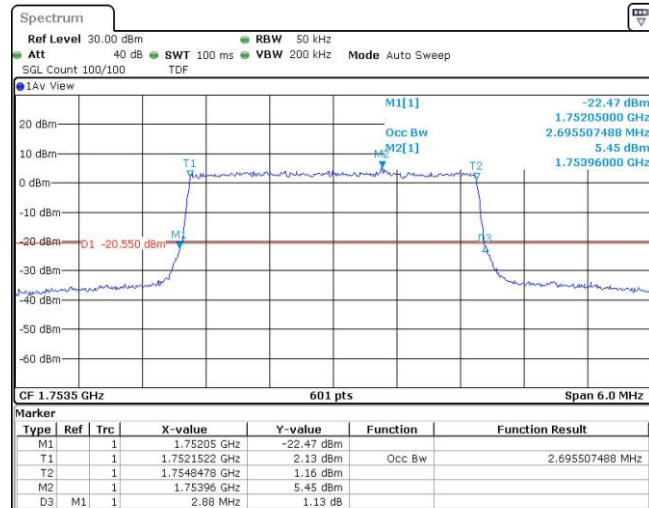
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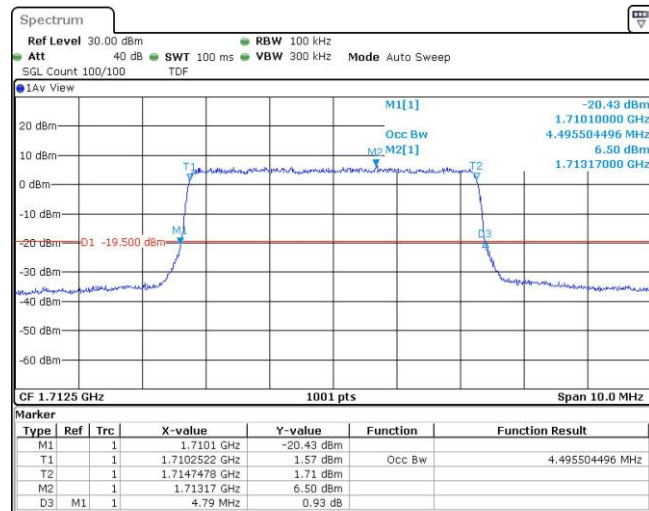
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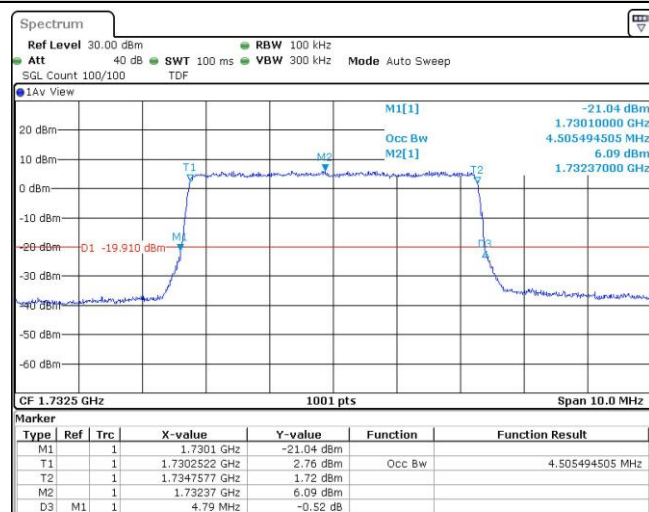
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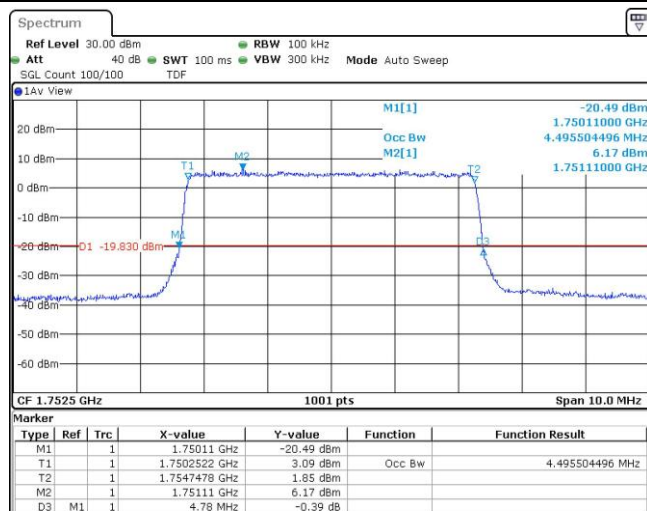
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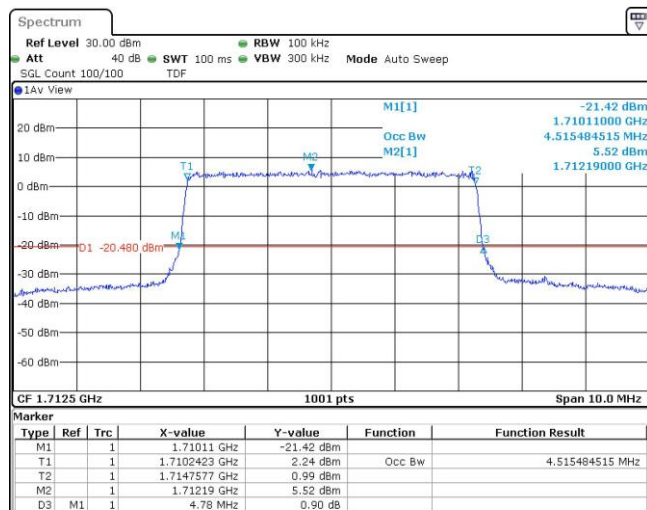
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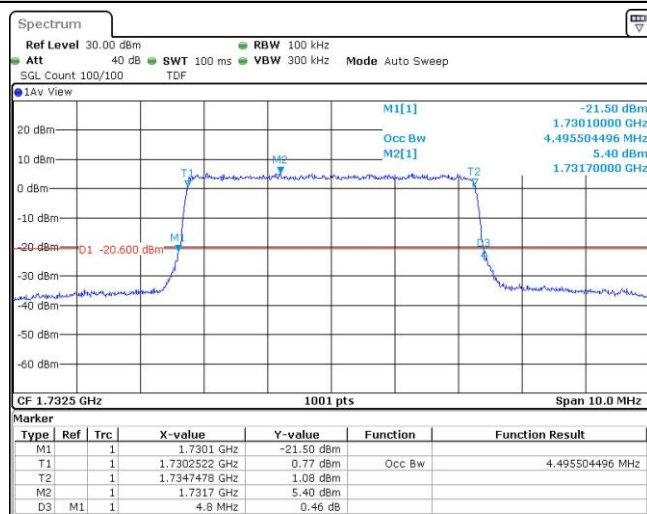
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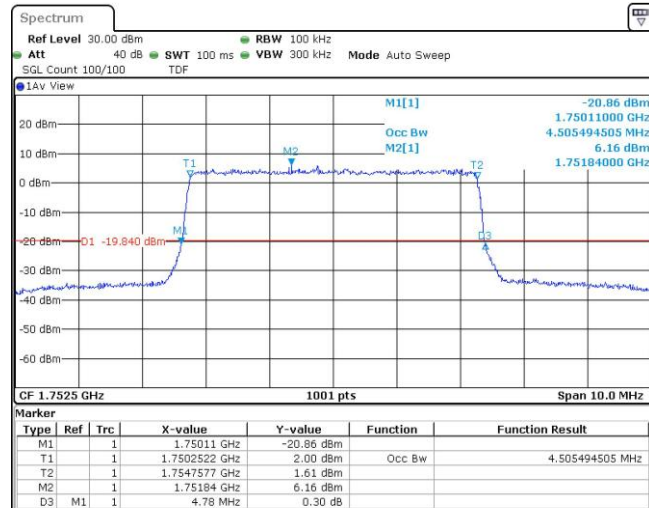
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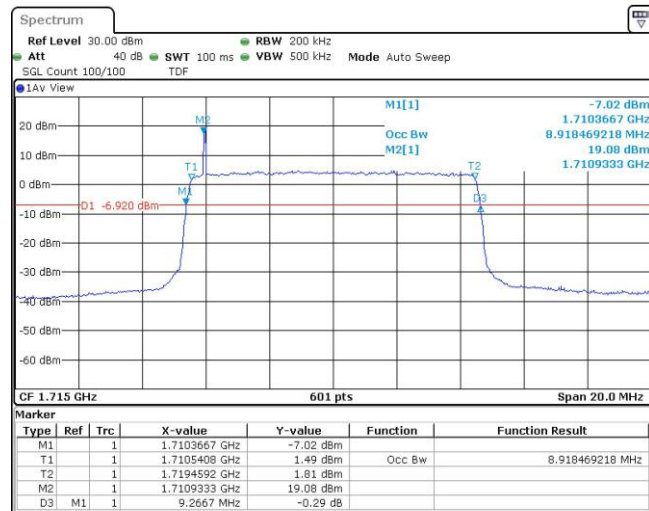
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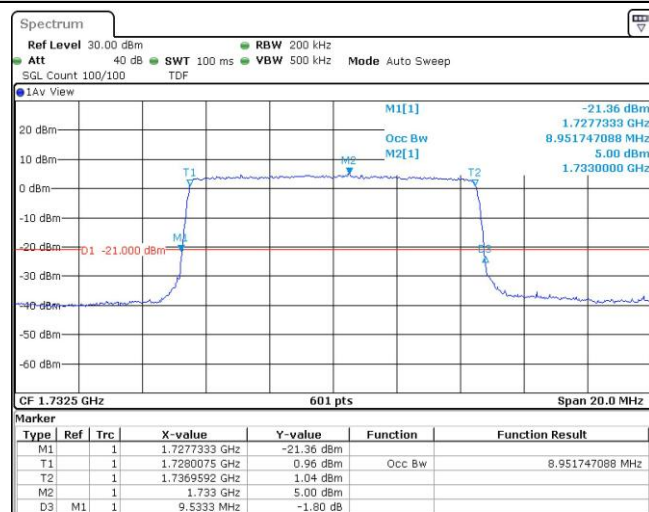
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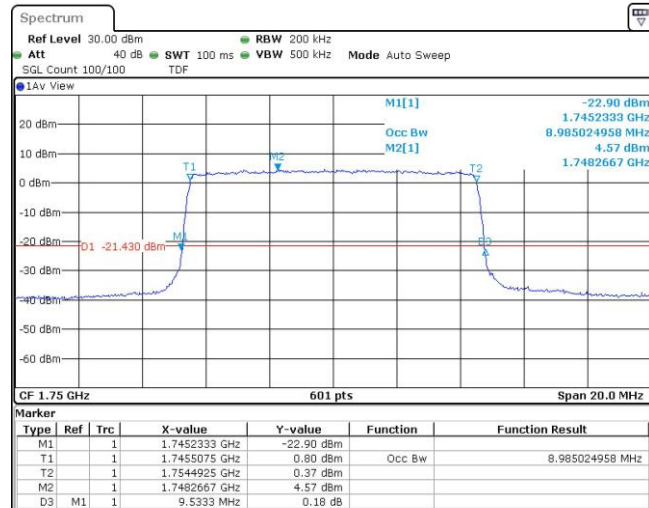
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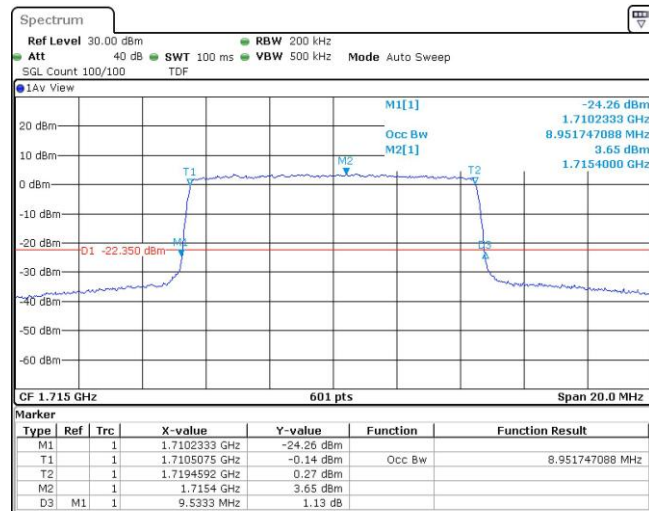
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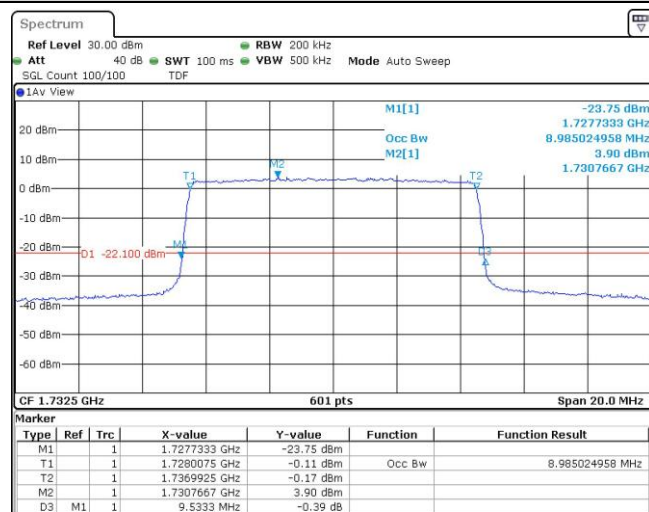
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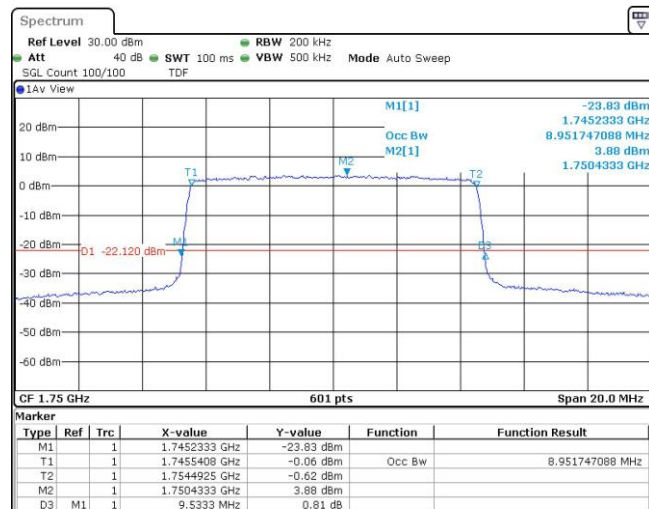
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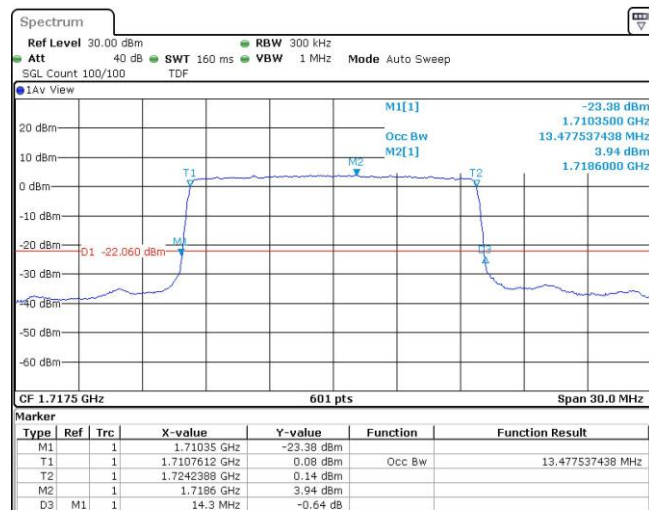
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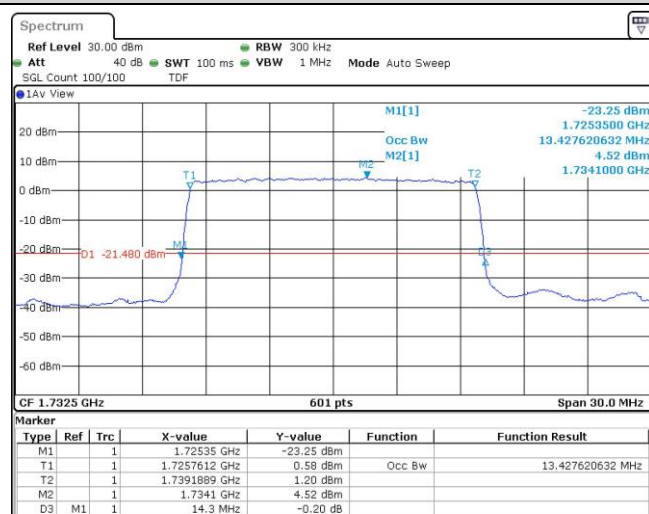
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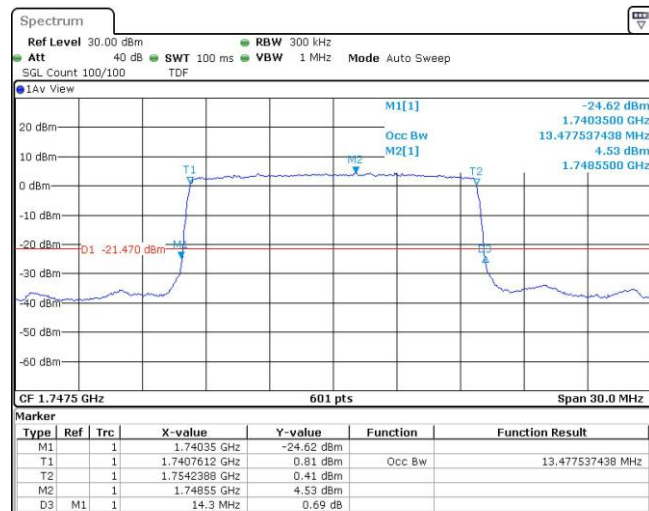
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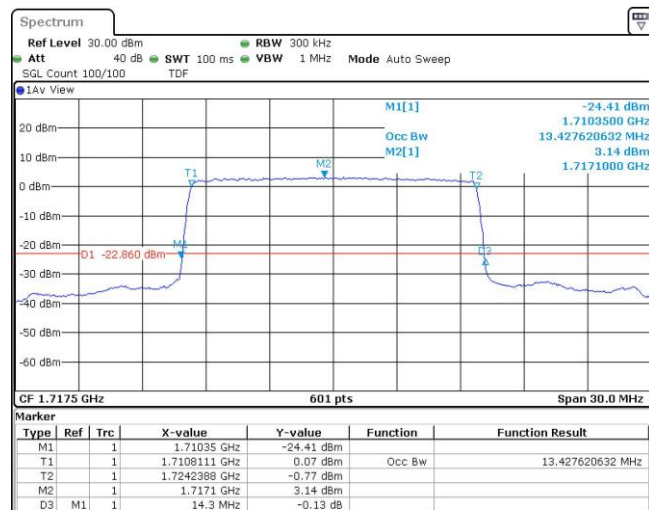
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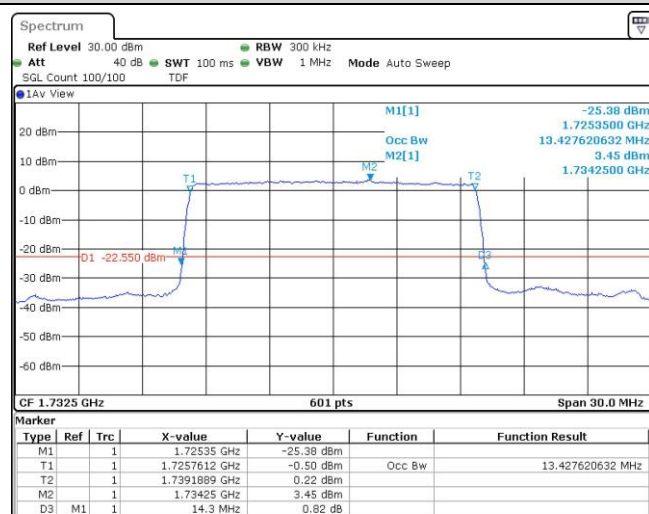
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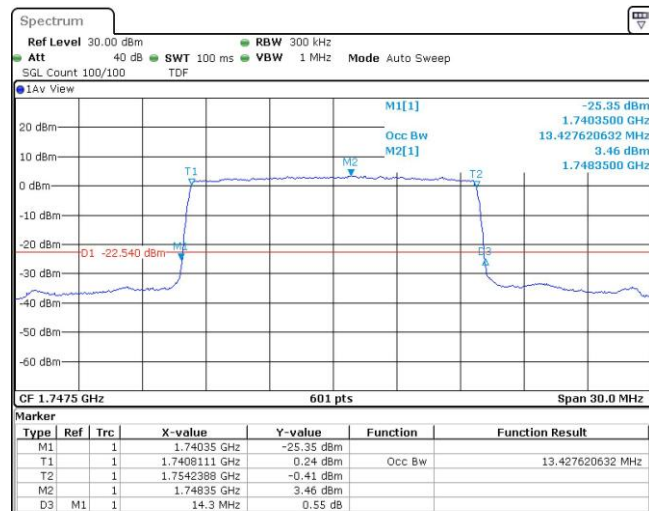
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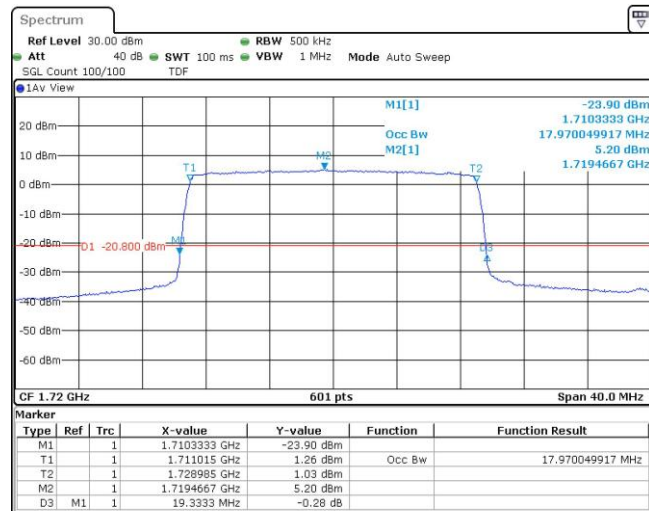
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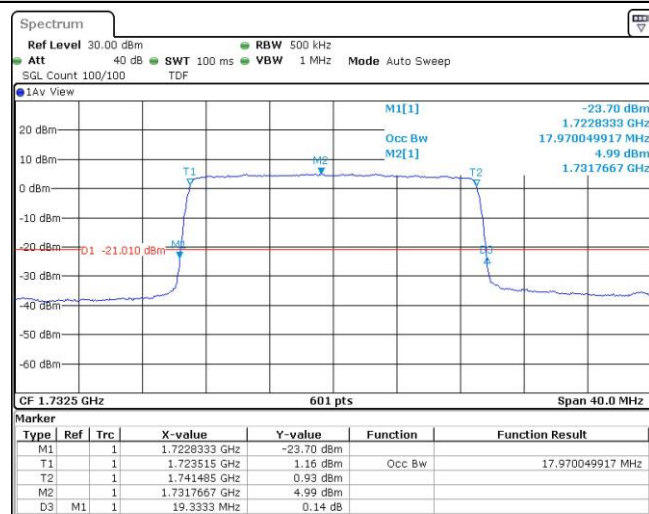
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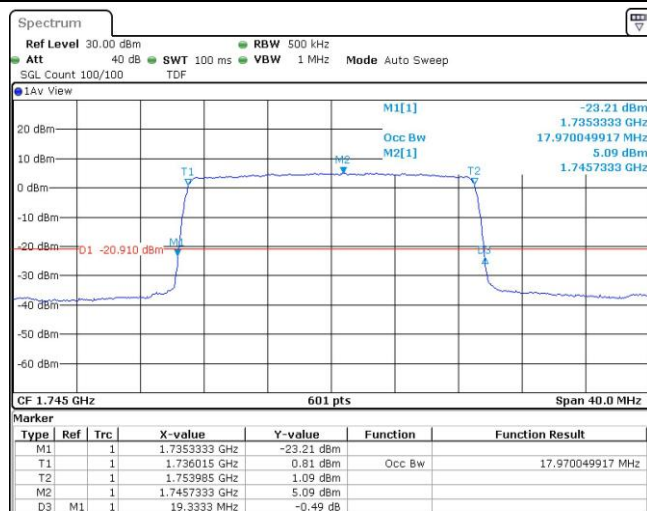
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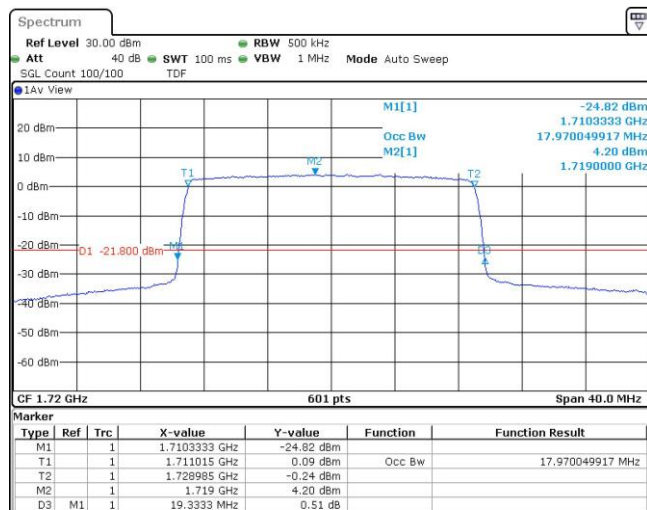
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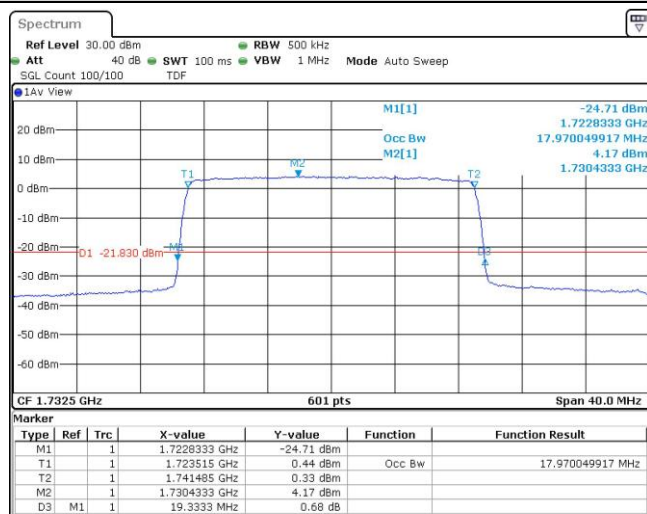
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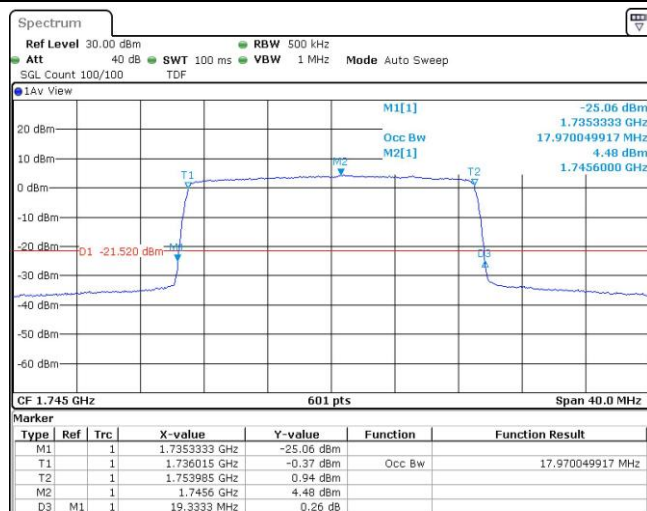
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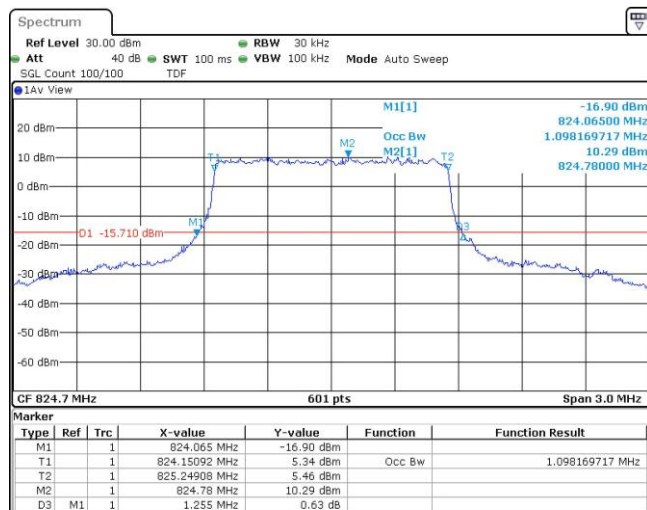
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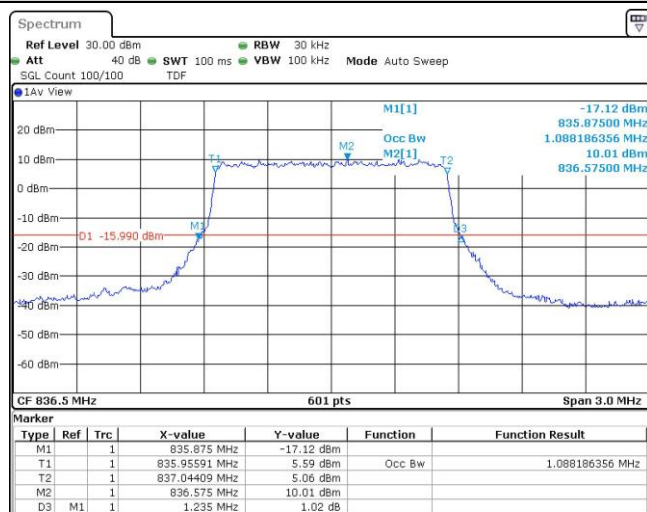
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Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



Band5-1.4MHz-QPSK-20643-6RB#0