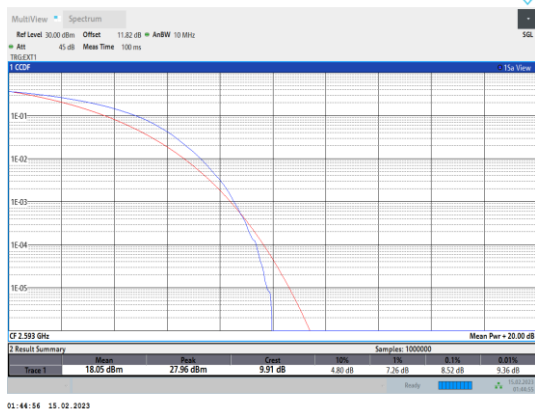
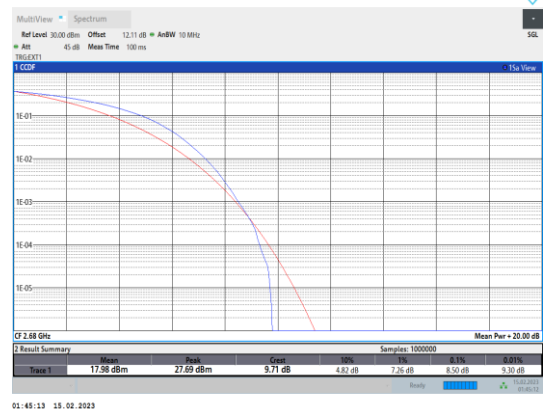




Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-100RB#0

5.3.Occupied Bandwidth / Emission Bandwidth

5.3.1.Test Standard

FCC: CFR Part 2.1049, Part 22.913, Part 27.53

5.3.2.Test Limit

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable.

(h) Transmitters employing digital modulation techniques-when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated.

5.3.3.Test Procedure

1. Connect the equipment as shown in the above diagram.
2. Adjust the settings of the Universal Radio Communication Tester to set the EUT to its maximum power at the required channel.
3. Set the spectrum analyzer to measure the 99% occupied bandwidth. Record the value.
4. Set the spectrum analyzer to measure the -26 dB emission bandwidth. Record the value.
5. Measurements are to be performed with the EUT set to the low, middle and high channel of each frequency band.

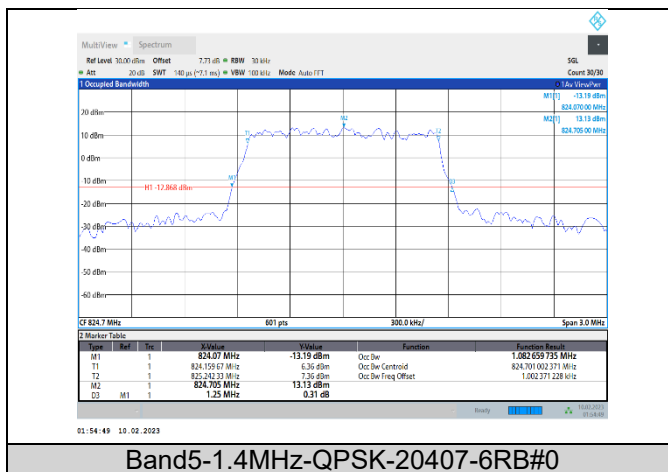
Spectrum analyzer settings: Measurement bandwidth of at least 1% of the occupied bandwidth.

5.3.4. Test Data

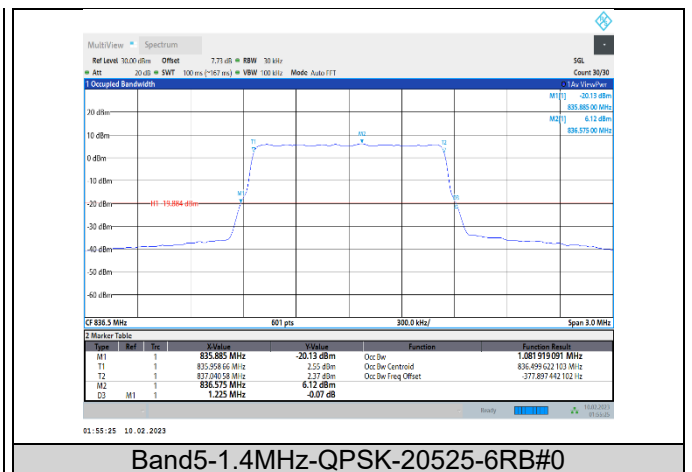
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.083	1.250	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.082	1.225	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.082	1.225	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.084	1.235	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.084	1.235	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.084	1.235	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.083	1.235	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.083	1.230	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.084	1.235	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.678	2.860	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.677	2.850	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.678	2.840	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.675	2.840	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.676	2.840	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.676	2.840	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.676	2.880	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.676	2.840	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.673	2.840	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.469	4.700	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.467	4.680	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.466	4.700	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.48	4.700	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.478	4.700	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.48	4.710	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.473	4.670	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.467	4.680	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.47	4.700	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.926	9.333	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.91	9.300	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.918	9.333	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.948	9.333	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.93	9.333	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.935	9.333	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.923	9.333	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.918	9.300	PASS
Band5	10MHz	64QAM	20600	50RB#0	8.926	9.333	PASS
Band38	5MHz	QPSK	37775	25RB#0	4.496	4.780	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.494	4.780	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.496	4.780	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.515	4.780	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.511	4.780	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.507	4.790	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.5	4.790	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.501	4.790	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.499	4.780	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.02	9.733	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.016	9.733	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.024	9.733	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.024	9.733	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.042	9.767	PASS

Band38	10MHz	16QAM	38200	50RB#0	9.035	9.800	PASS
Band38	10MHz	64QAM	37800	50RB#0	9.031	9.767	PASS
Band38	10MHz	64QAM	38000	50RB#0	9.027	9.767	PASS
Band38	10MHz	64QAM	38200	50RB#0	9.024	9.767	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.49	14.300	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.452	14.300	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.438	14.300	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.449	14.300	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.45	14.300	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.45	14.300	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.445	14.300	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.447	14.300	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.451	14.300	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.965	19.333	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.955	19.333	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.957	19.333	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.966	19.267	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.958	19.333	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.959	19.267	PASS
Band38	20MHz	64QAM	37850	100RB#0	18.008	19.27	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.991	19.333	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.961	19.267	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.495	4.760	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.493	4.780	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.497	4.810	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.513	4.780	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.515	4.790	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.514	4.810	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.498	4.770	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.499	4.780	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.498	4.790	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.016	9.733	PASS
Band41	10MHz	QPSK	40090	50RB#0	9.021	9.733	PASS
Band41	10MHz	QPSK	40290	50RB#0	9.018	9.733	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.986	9.67	PASS
Band41	10MHz	QPSK	40640	50RB#0	9.016	9.800	PASS
Band41	10MHz	QPSK	40740	50RB#0	9.019	9.767	PASS
Band41	10MHz	QPSK	41190	50RB#0	9.01	9.733	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.025	9.767	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.031	9.767	PASS
Band41	10MHz	16QAM	40090	50RB#0	9.033	9.800	PASS
Band41	10MHz	16QAM	40290	50RB#0	9.034	9.767	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.992	9.80	PASS
Band41	10MHz	16QAM	40640	50RB#0	9.031	9.767	PASS
Band41	10MHz	16QAM	40740	50RB#0	9.029	9.767	PASS
Band41	10MHz	16QAM	41190	50RB#0	9.038	9.767	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.035	9.767	PASS
Band41	10MHz	64QAM	39700	50RB#0	9.018	9.733	PASS
Band41	10MHz	64QAM	40090	50RB#0	9.024	9.767	PASS
Band41	10MHz	64QAM	40290	50RB#0	9.028	9.733	PASS
Band41	10MHz	64QAM	40620	50RB#0	9.025	9.767	PASS
Band41	10MHz	64QAM	40640	50RB#0	9.026	9.767	PASS
Band41	10MHz	64QAM	40740	50RB#0	9.021	9.733	PASS
Band41	10MHz	64QAM	41190	50RB#0	9.023	9.767	PASS
Band41	10MHz	64QAM	41540	50RB#0	9.015	9.767	PASS

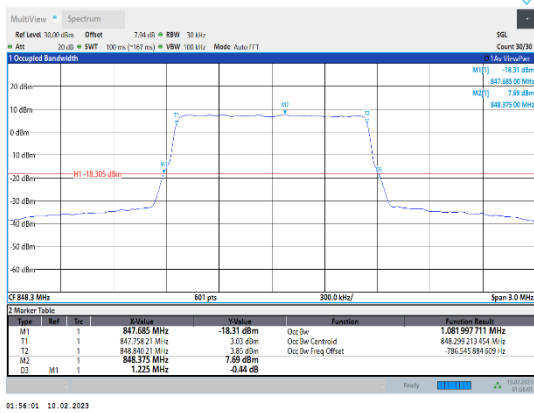
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Band41	15MHz	QPSK	40620	75RB#0	13.459	14.300	PASS
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Band41	15MHz	16QAM	39725	75RB#0	13.437	14.300	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.449	14.300	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.443	14.300	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.43	14.300	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.441	14.300	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.437	14.300	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.94	19.267	PASS
Band41	20MHz	QPSK	40140	100RB#0	17.944	19.267	PASS
Band41	20MHz	QPSK	40340	100RB#0	17.966	19.333	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.955	19.333	PASS
Band41	20MHz	QPSK	40640	100RB#0	17.956	19.333	PASS
Band41	20MHz	QPSK	40740	100RB#0	17.96	19.333	PASS
Band41	20MHz	QPSK	41140	100RB#0	17.947	19.333	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.967	19.333	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.954	19.267	PASS
Band41	20MHz	16QAM	40140	100RB#0	17.942	19.267	PASS
Band41	20MHz	16QAM	40340	100RB#0	17.97	19.267	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.971	19.333	PASS
Band41	20MHz	16QAM	40640	100RB#0	17.977	19.333	PASS
Band41	20MHz	16QAM	40740	100RB#0	17.966	19.267	PASS
Band41	20MHz	16QAM	41140	100RB#0	17.956	19.267	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.971	19.333	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.952	19.267	PASS
Band41	20MHz	64QAM	40140	100RB#0	17.949	19.267	PASS
Band41	20MHz	64QAM	40340	100RB#0	17.989	19.333	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.97	19.333	PASS
Band41	20MHz	64QAM	40640	100RB#0	17.974	19.333	PASS
Band41	20MHz	64QAM	40740	100RB#0	17.963	19.267	PASS
Band41	20MHz	64QAM	41140	100RB#0	17.97	19.267	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.969	19.333	PASS



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

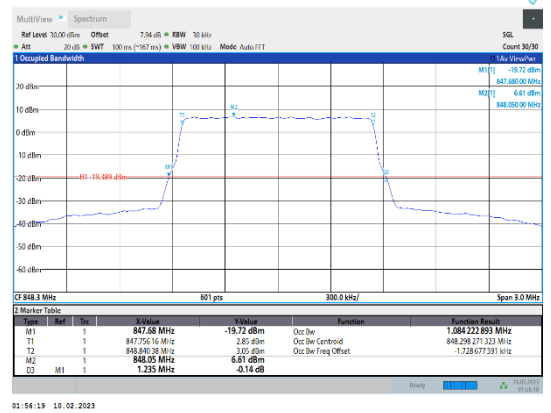


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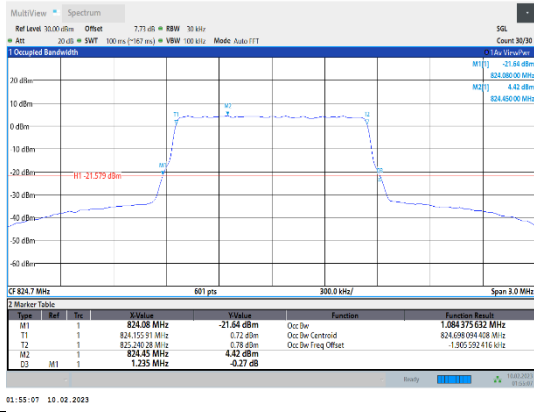
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Band5-1.4MHz-QPSK-20643-6RB#0



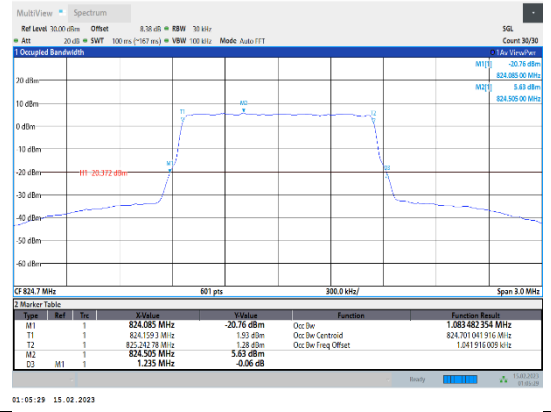
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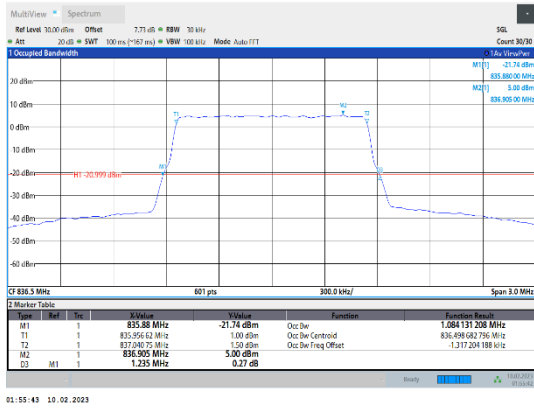
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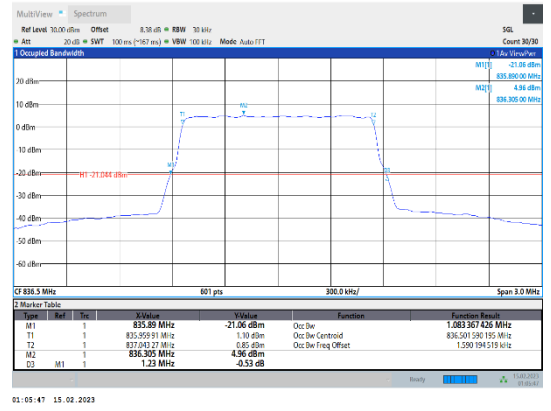
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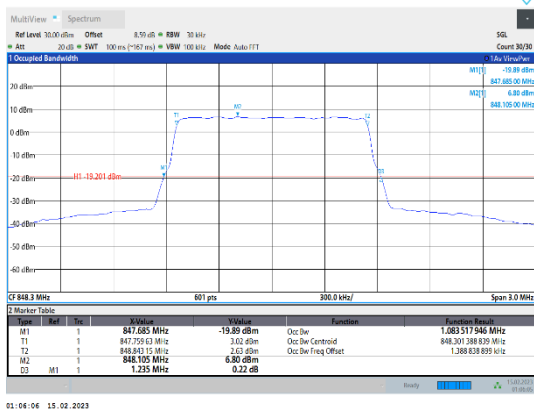
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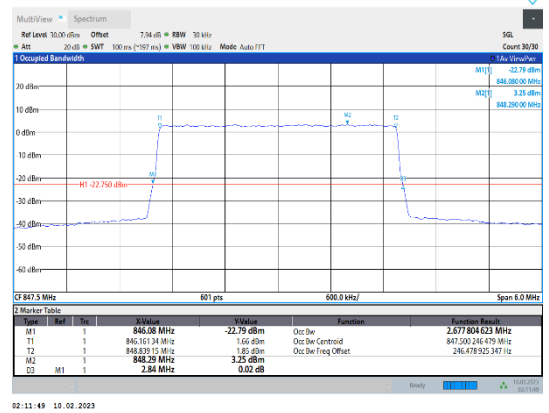
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Band5-3MHz-QPSK-20635-15RB#0



02:19:22 10.02.2023

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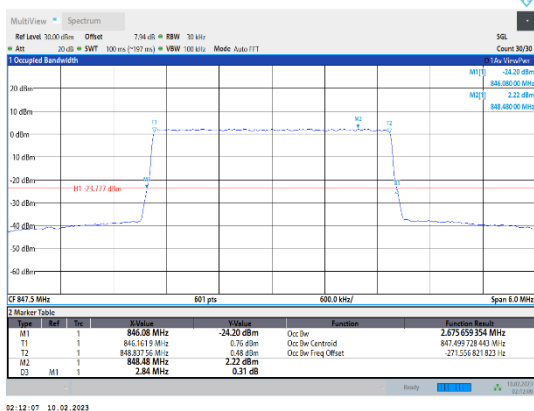
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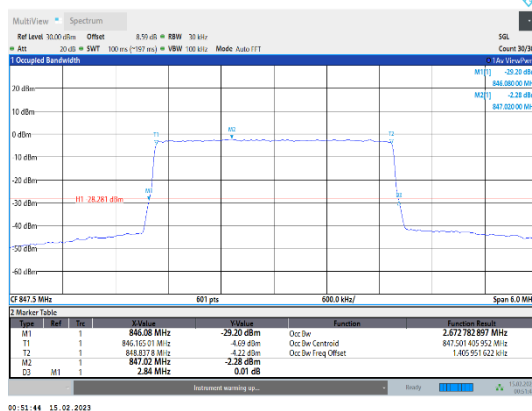
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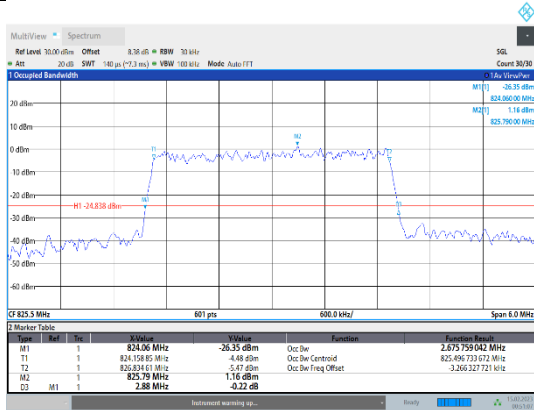
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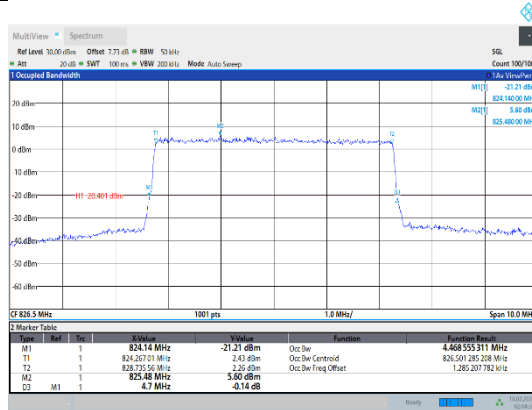
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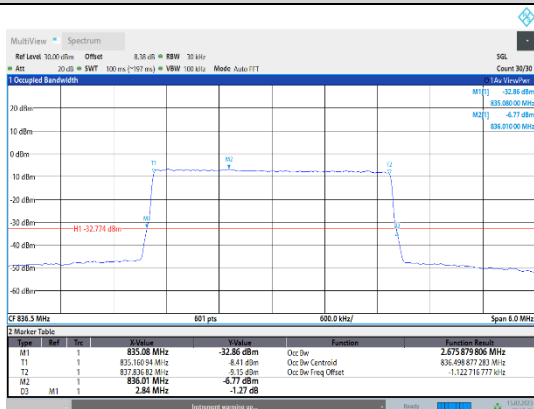
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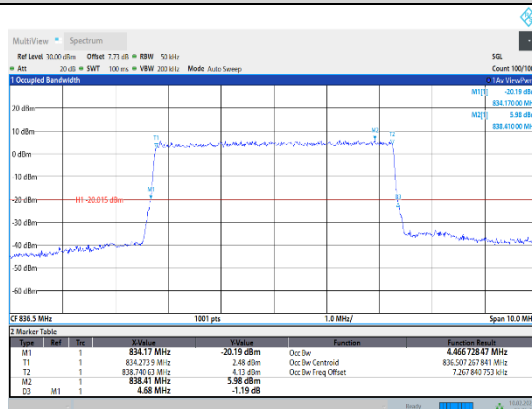
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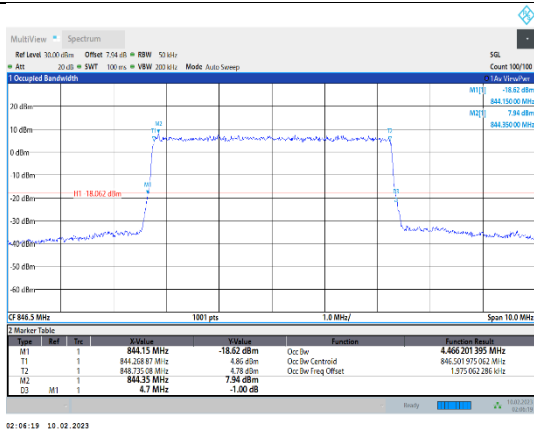
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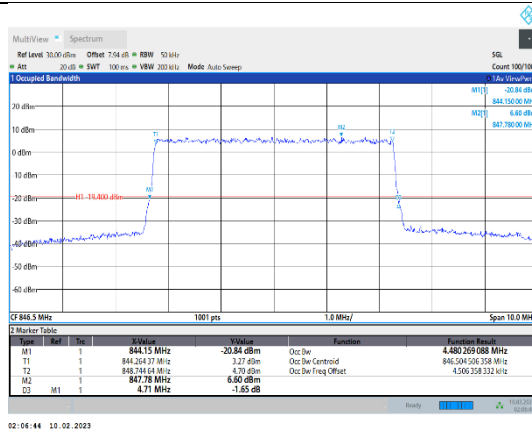
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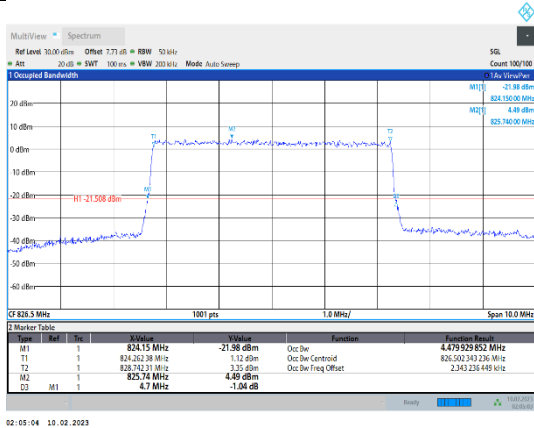
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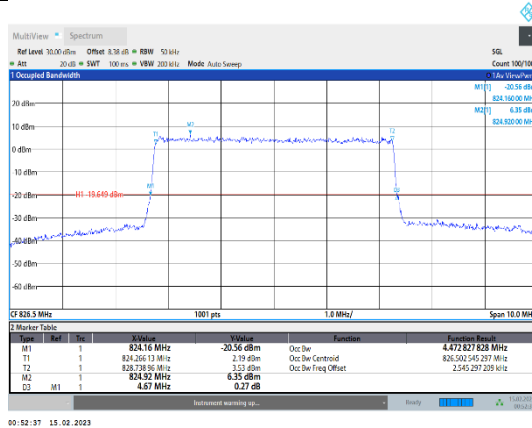
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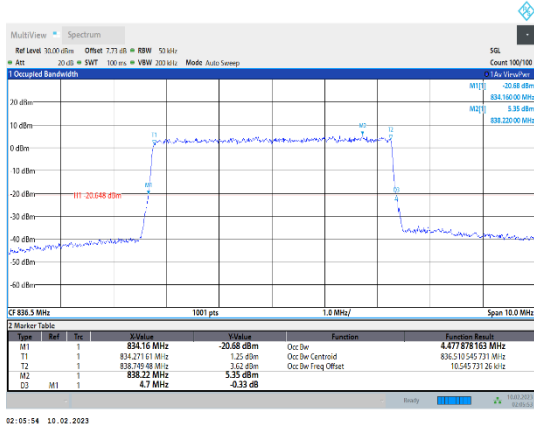
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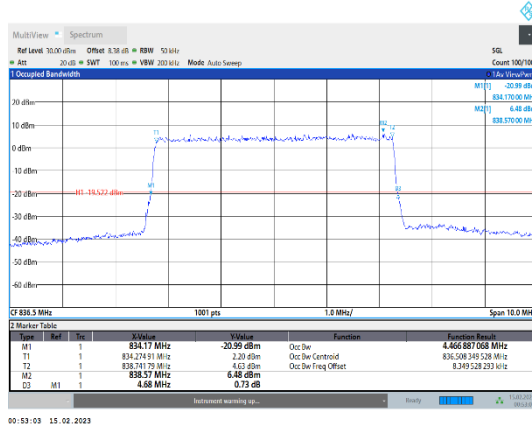
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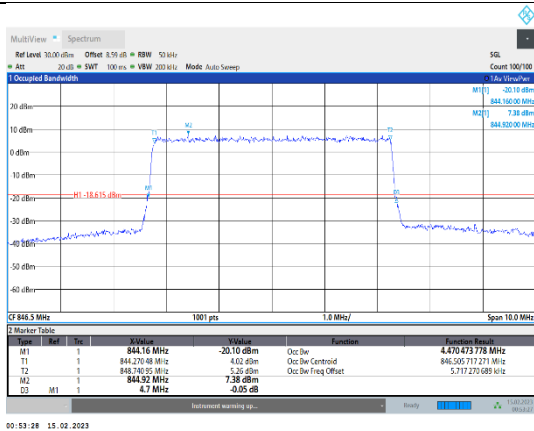
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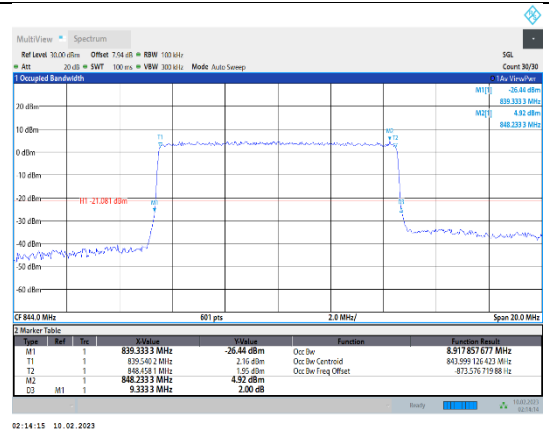


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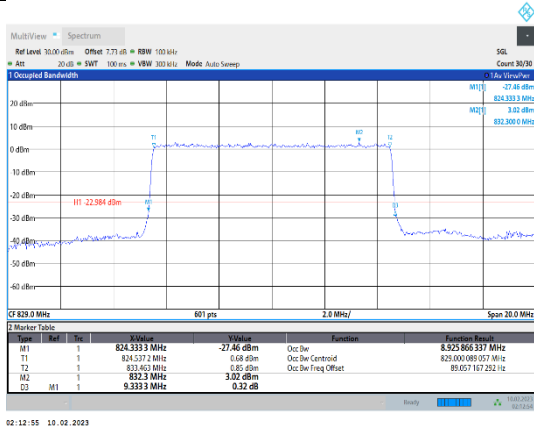
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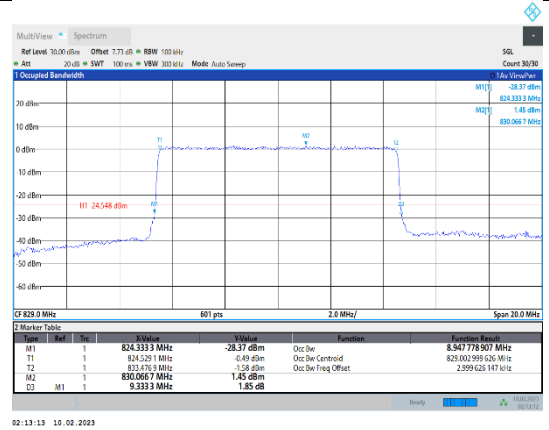
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Band5-10MHz-QPSK-20600-50RB#0



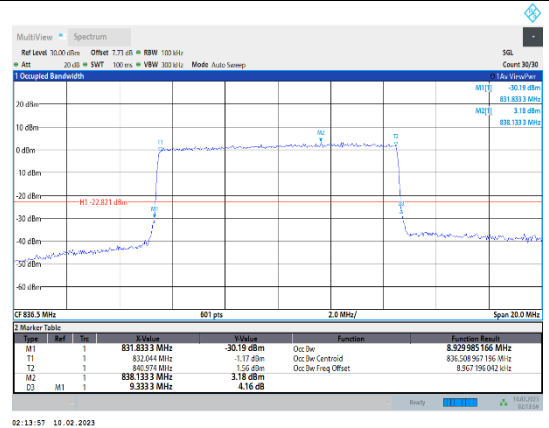
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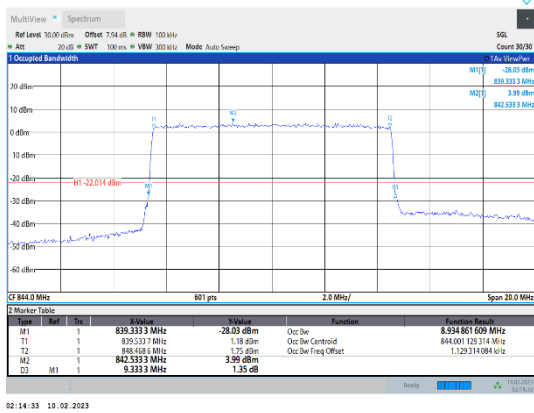
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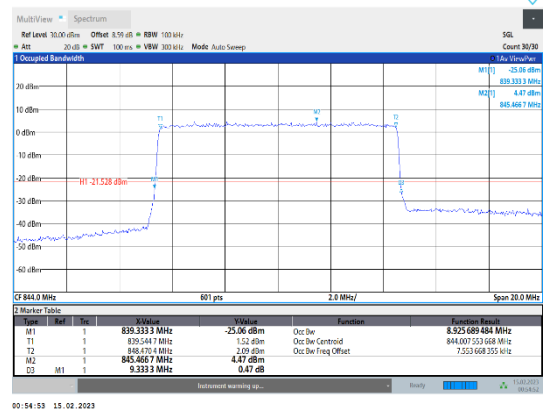


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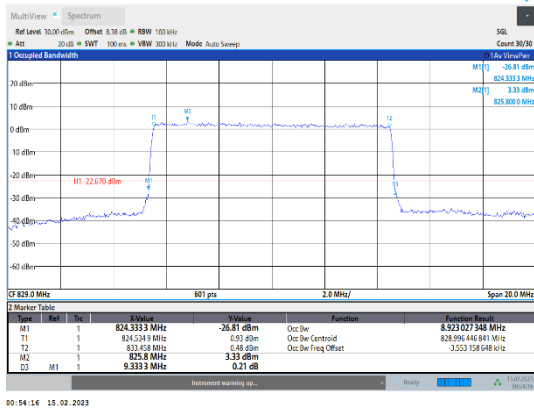
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Band5-10MHz-16QAM-20600-50RB#0



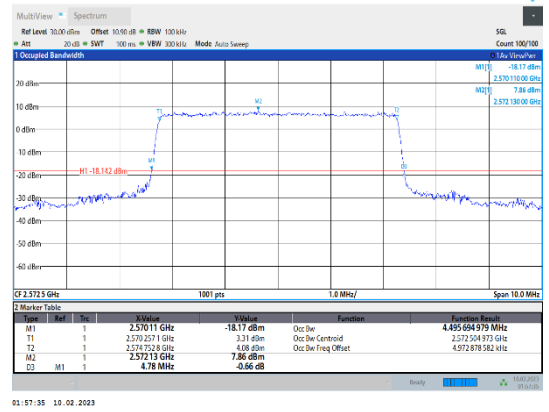
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Band5-10MHz-64QAM-20600-50RB#0



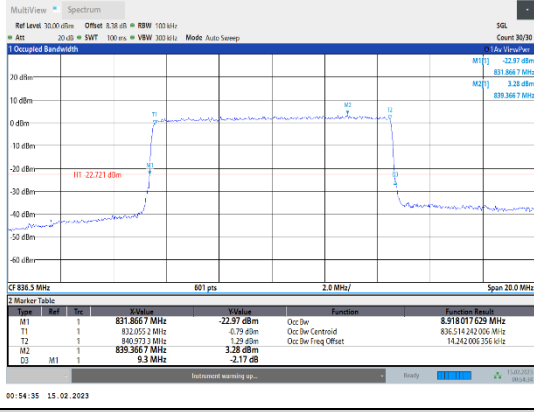
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Band5-10MHz-64QAM-20450-50RB#0



01:57:35 10.02.2023

Band38-5MHz-QPSK-37775-25RB#0



00:54:35 15.02.2023

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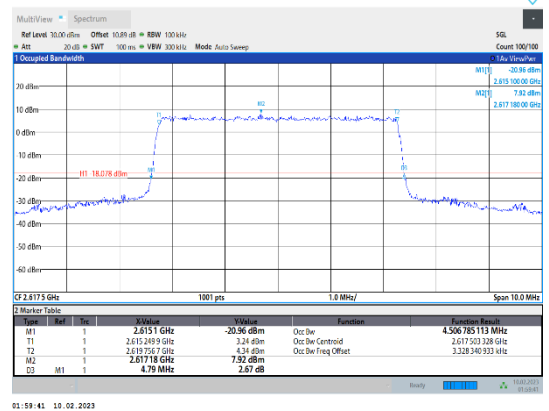


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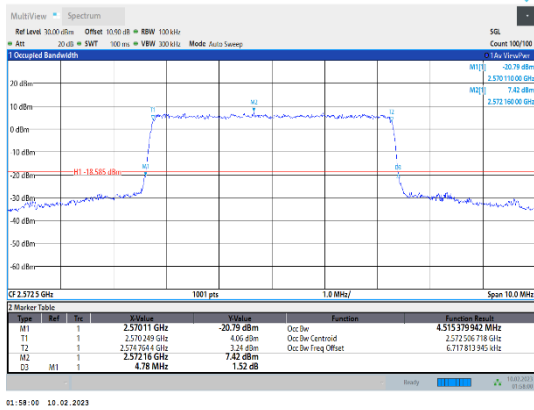
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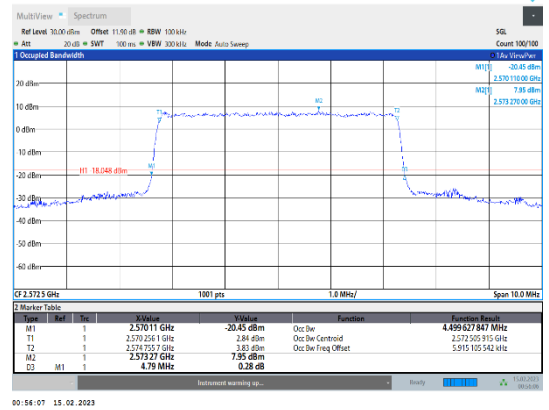
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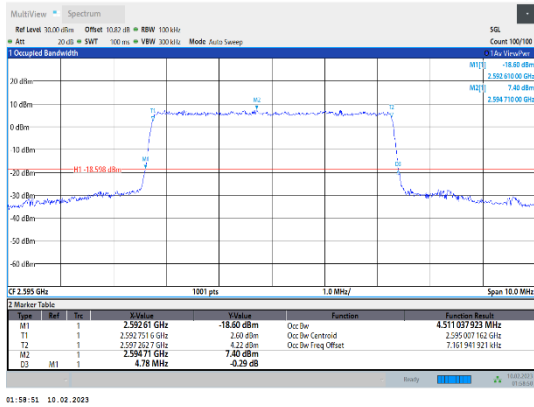
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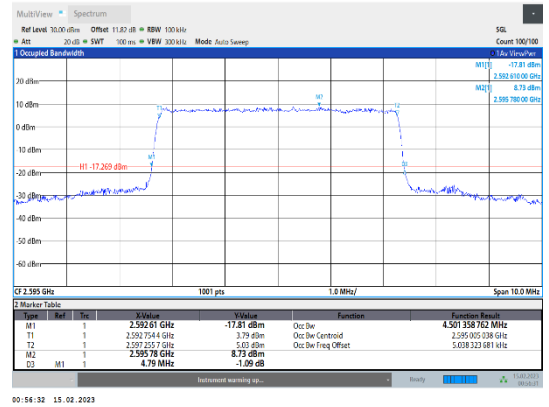
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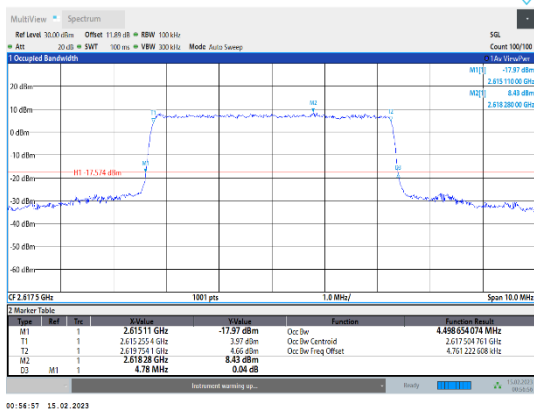
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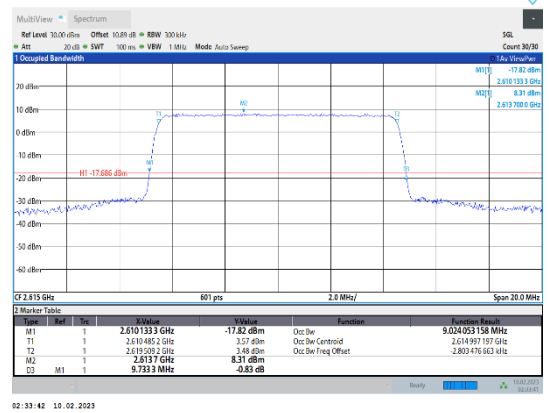
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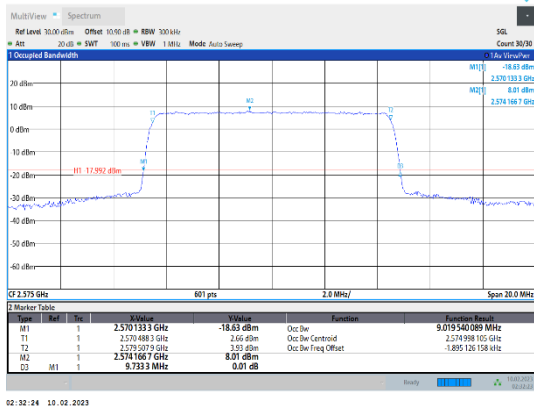
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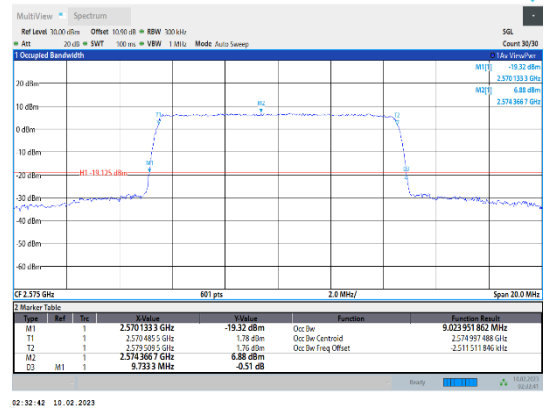
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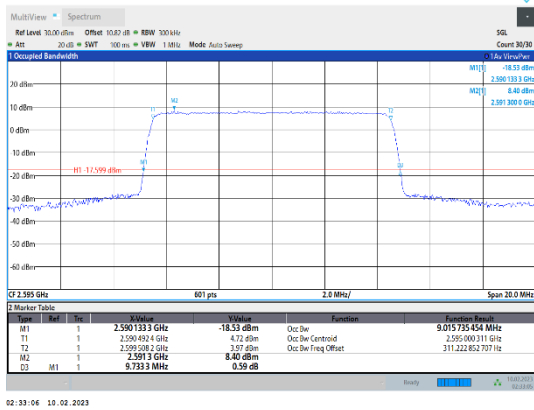
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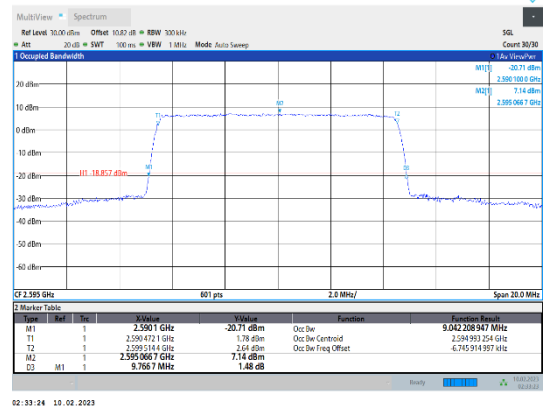
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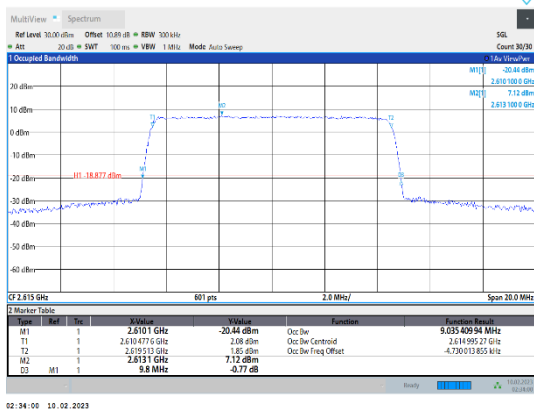
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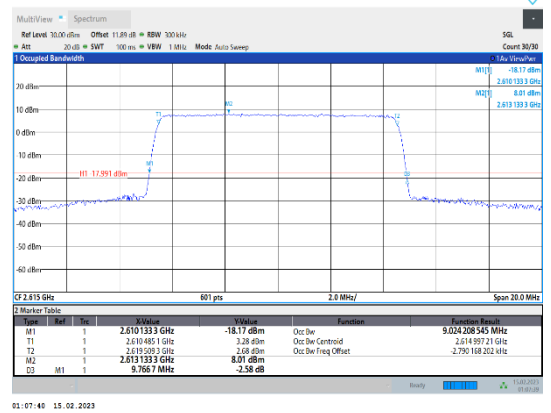


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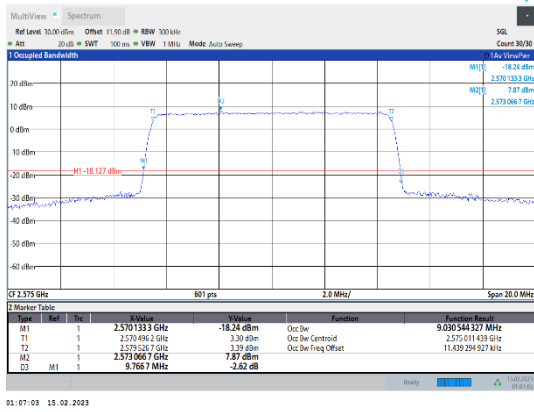
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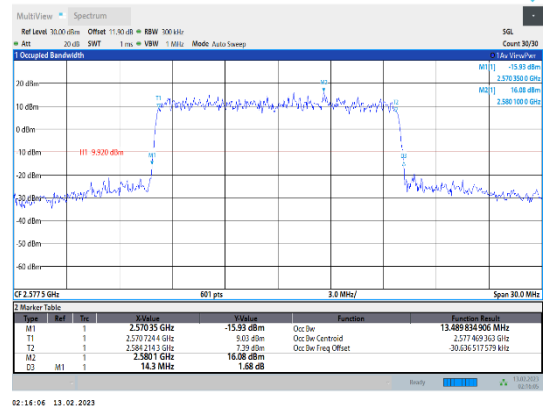
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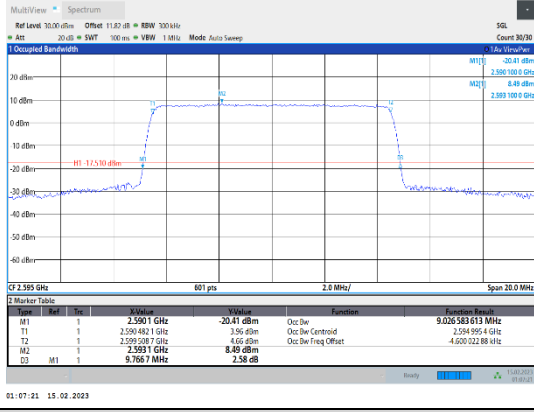
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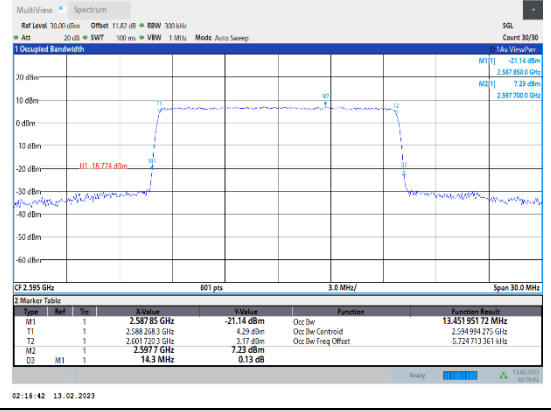
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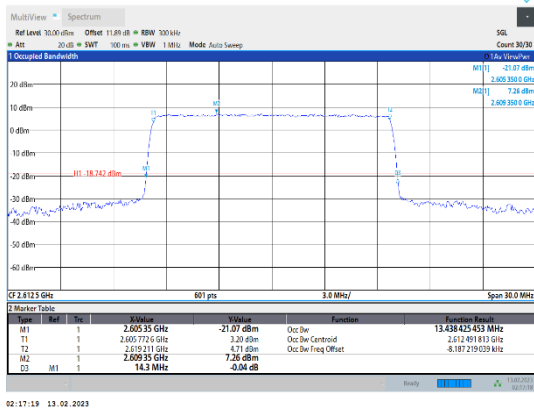
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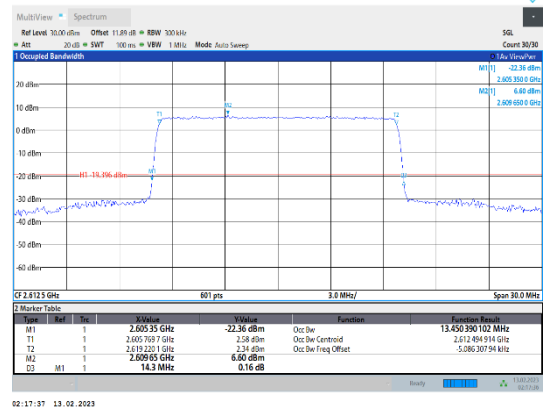


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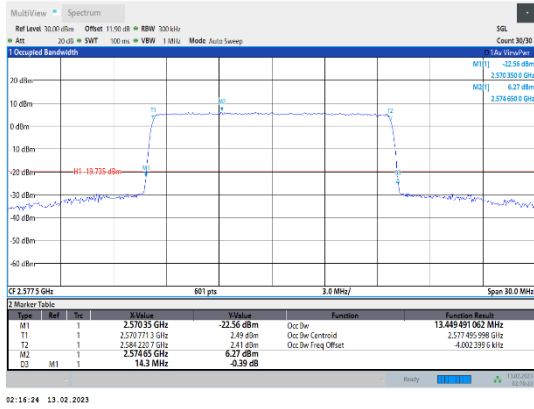
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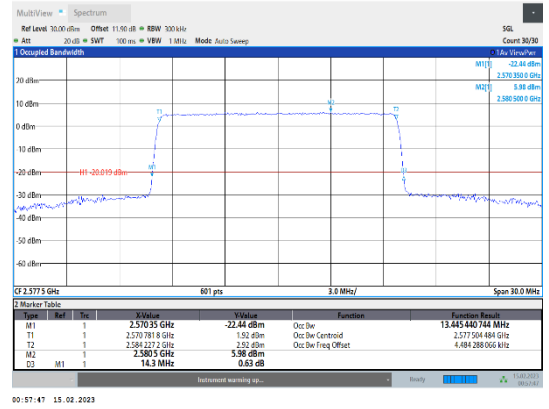
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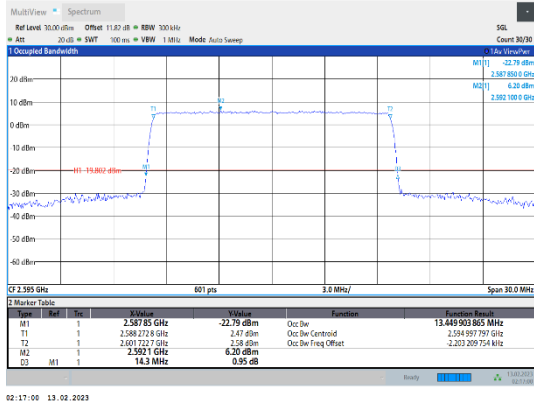
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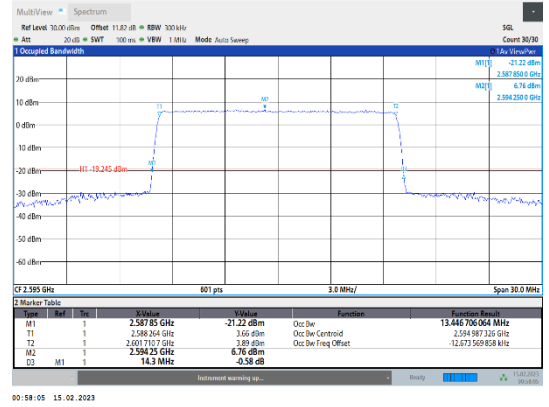
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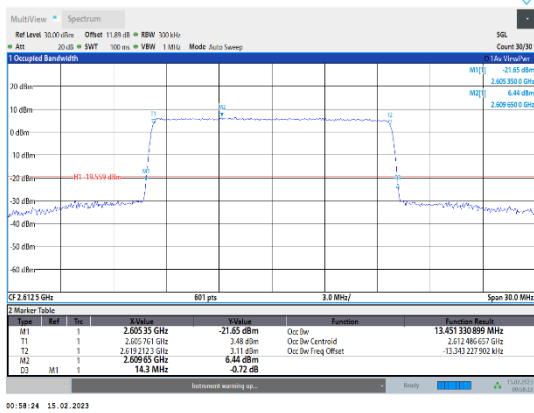
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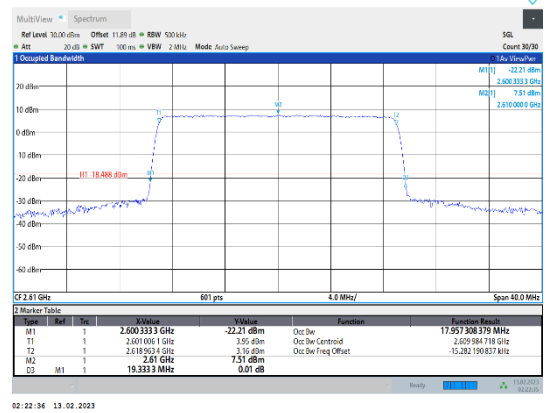


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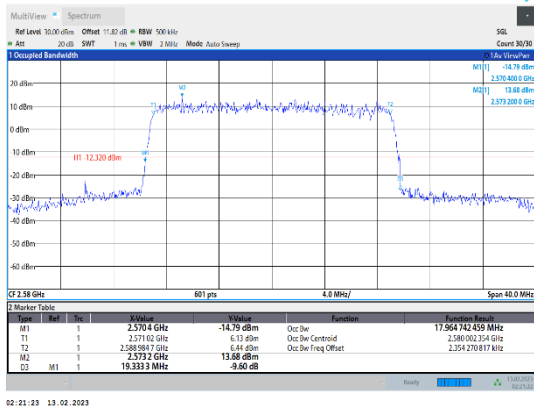
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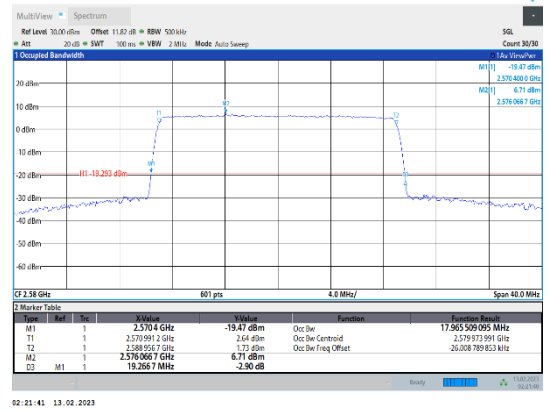
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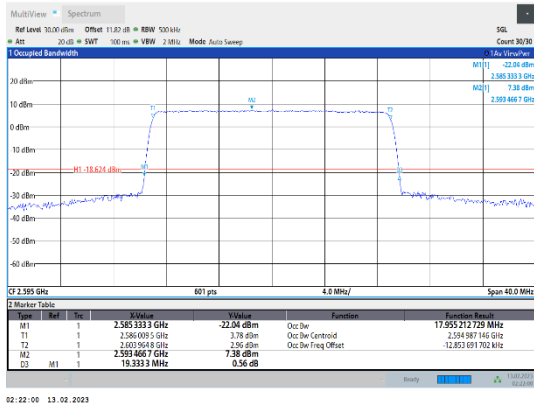
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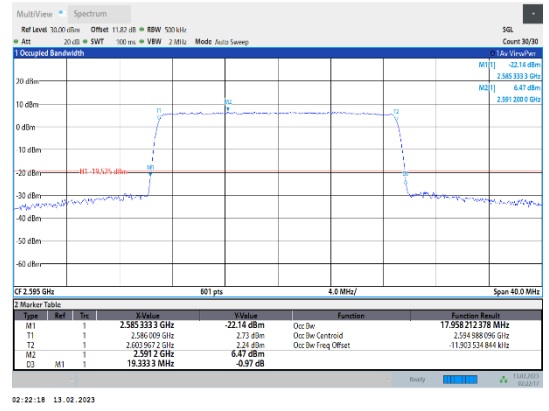
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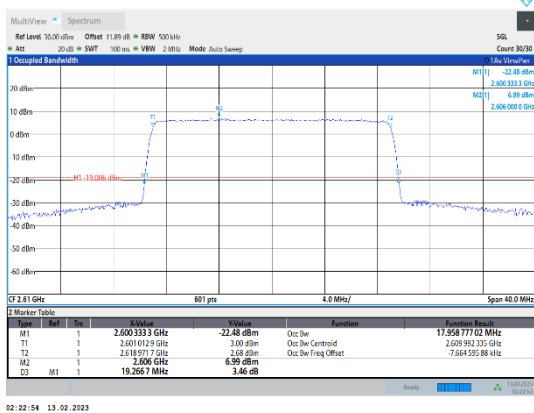
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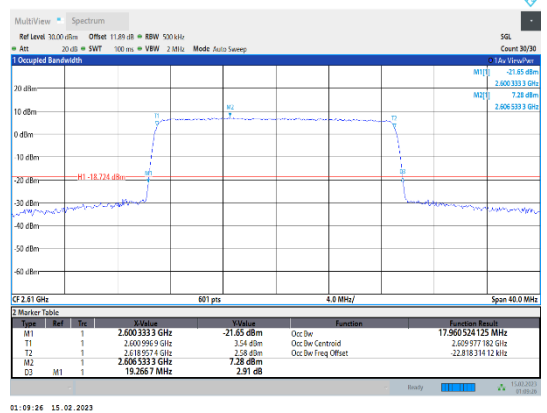


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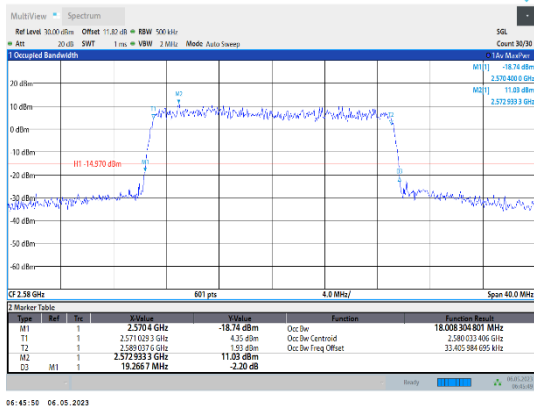
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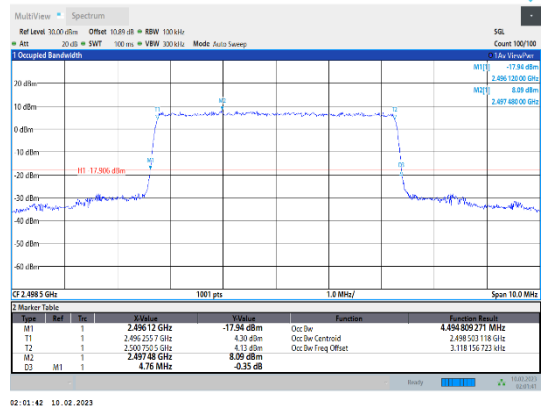
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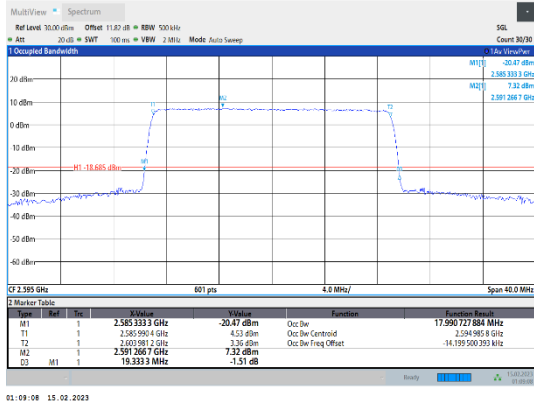
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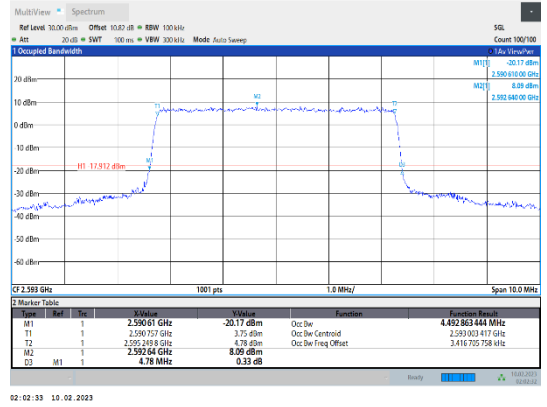
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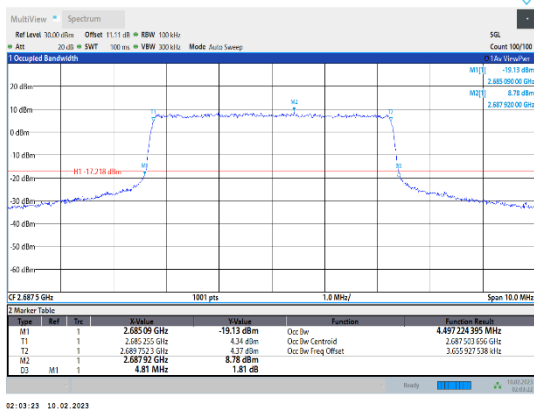
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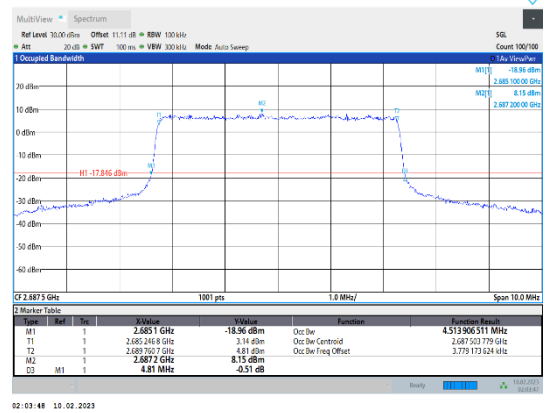


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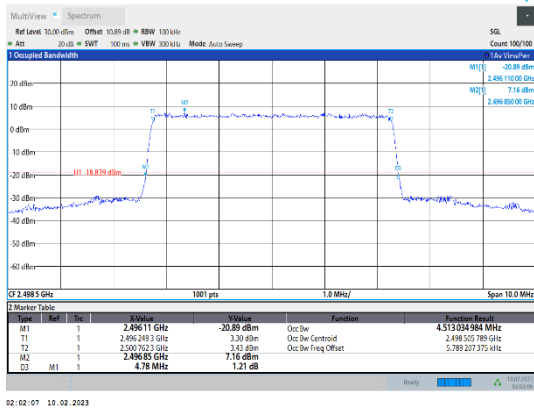
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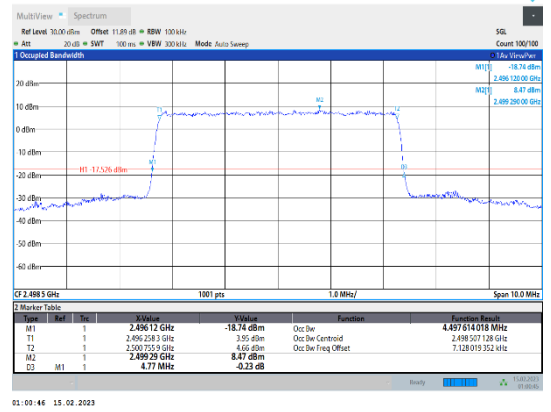
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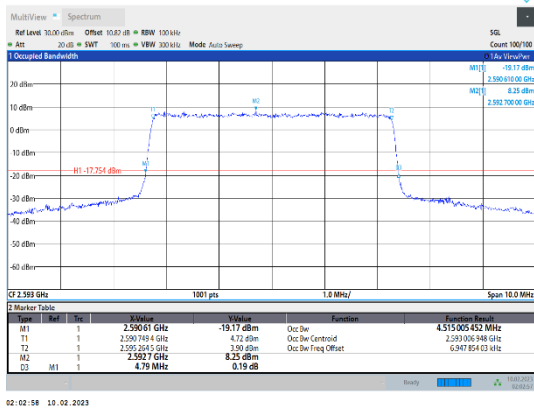
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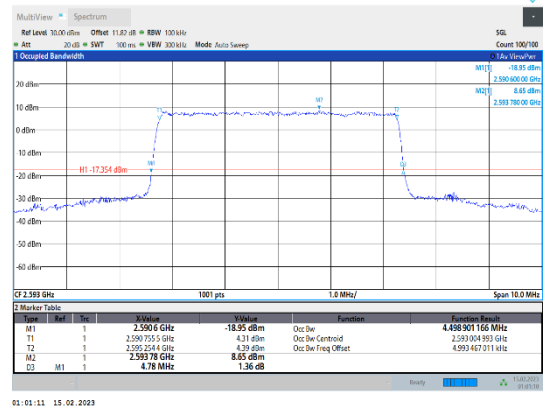
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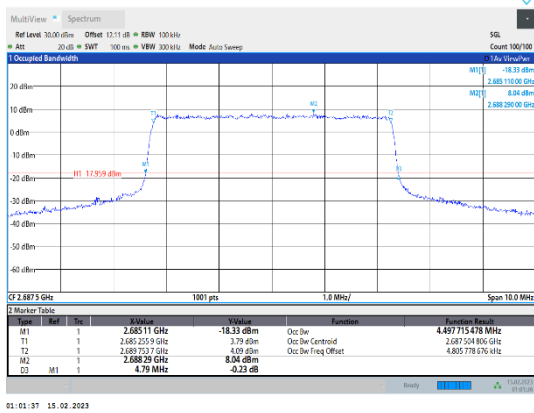
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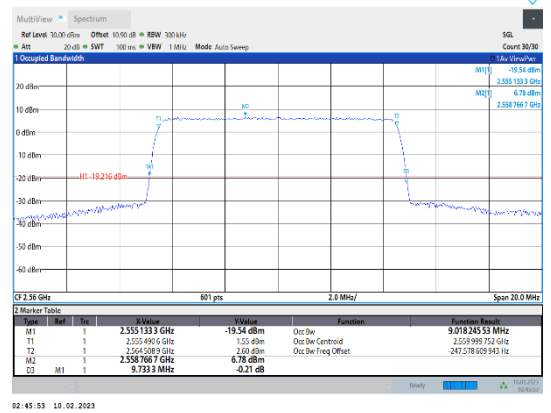


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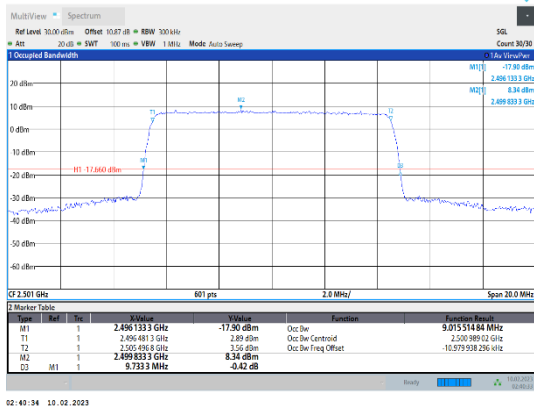
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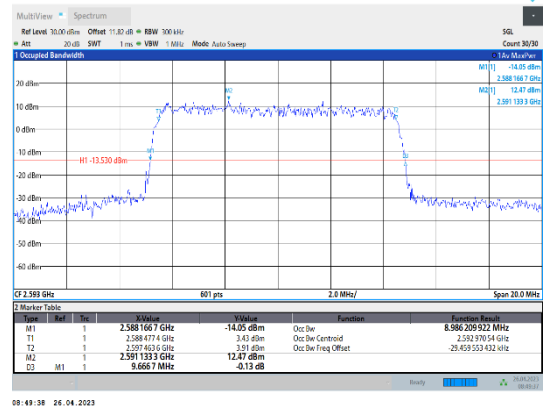
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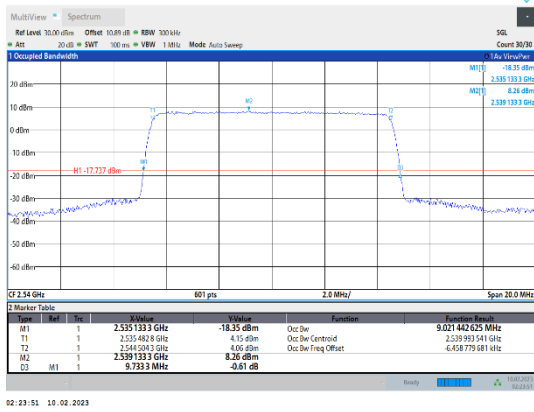
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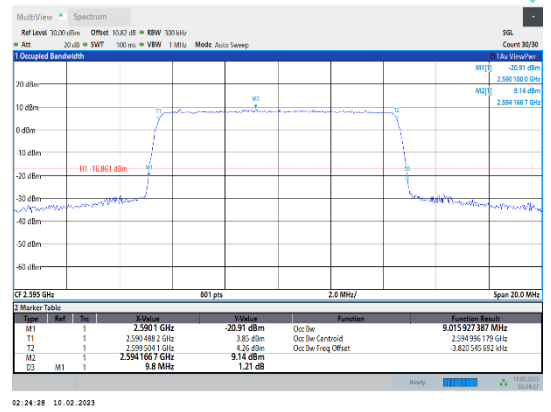
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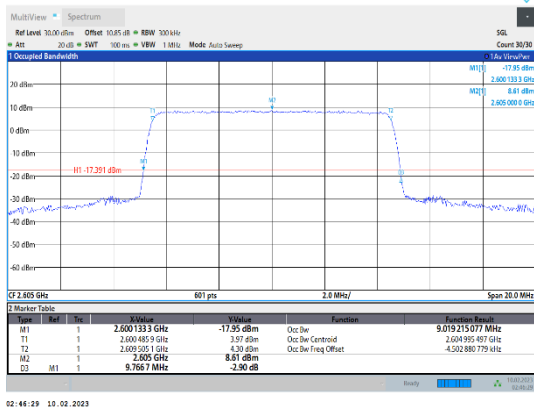
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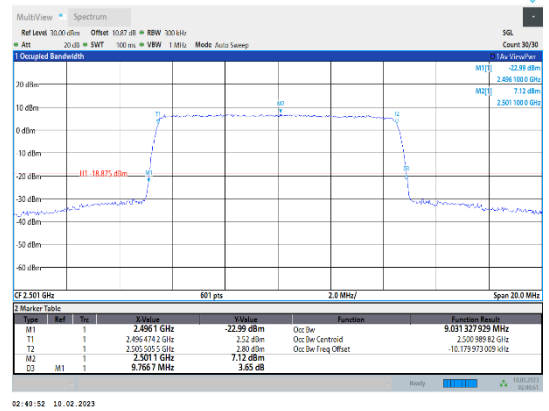


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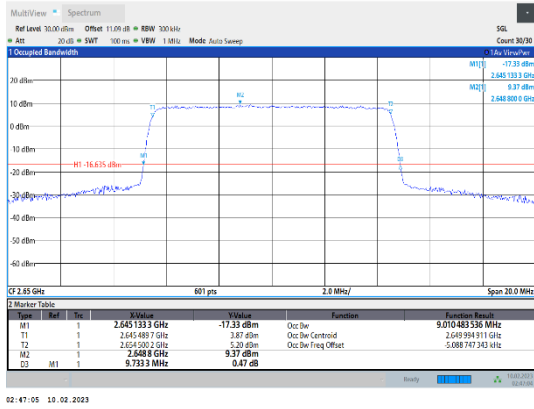
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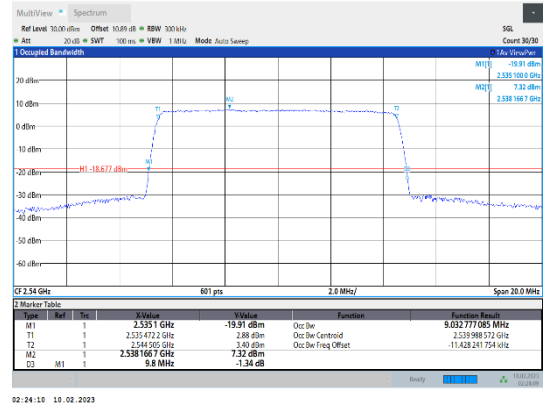
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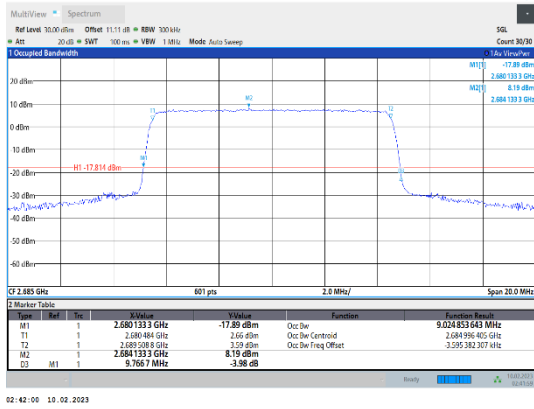
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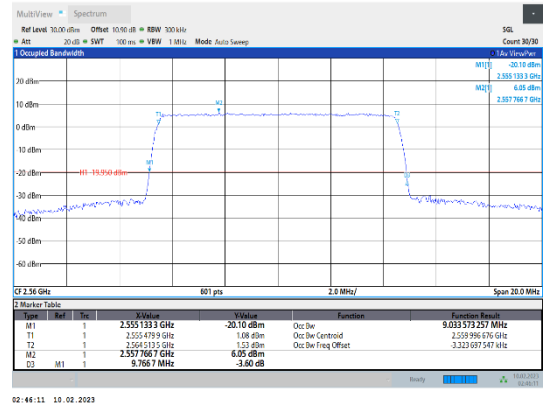
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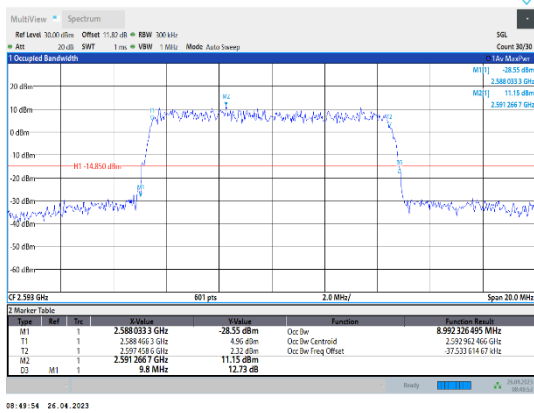
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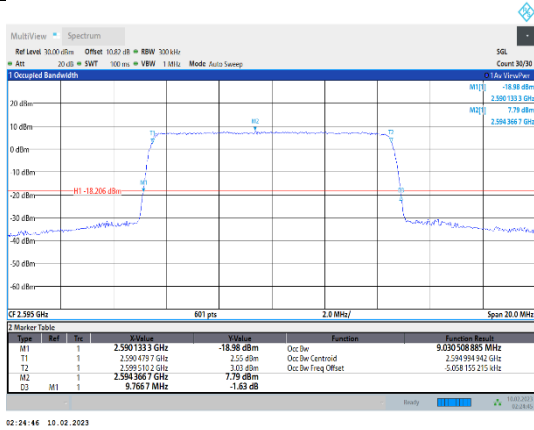


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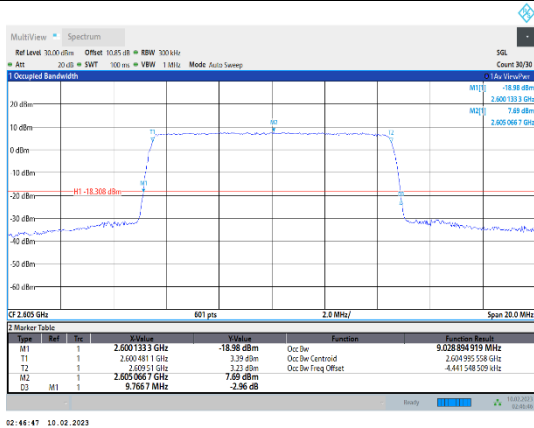
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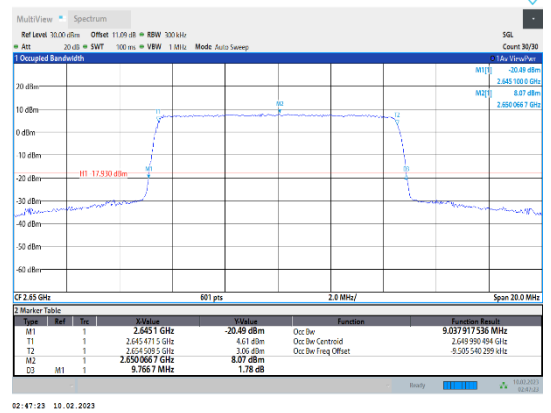
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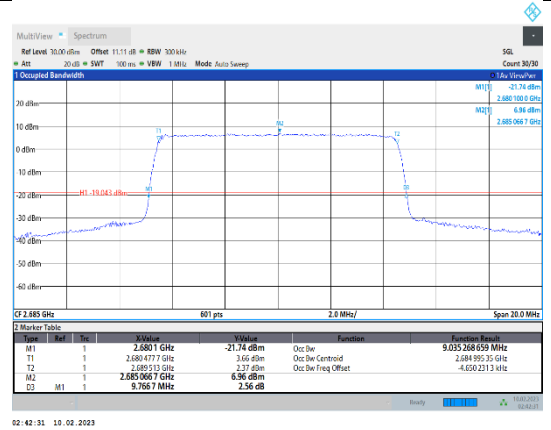
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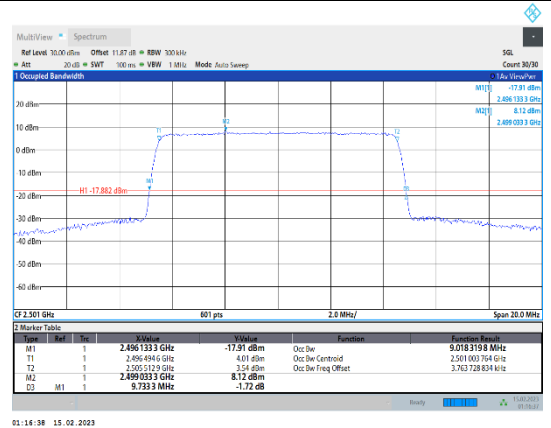
Band41-10MHz-16QAM-40740-50RB#0



Band41-10MHz-16QAM-41190-50RB#0



Band41-10MHz-16QAM-41540-50RB#0



Band41-10MHz-64QAM-39700-50RB#0