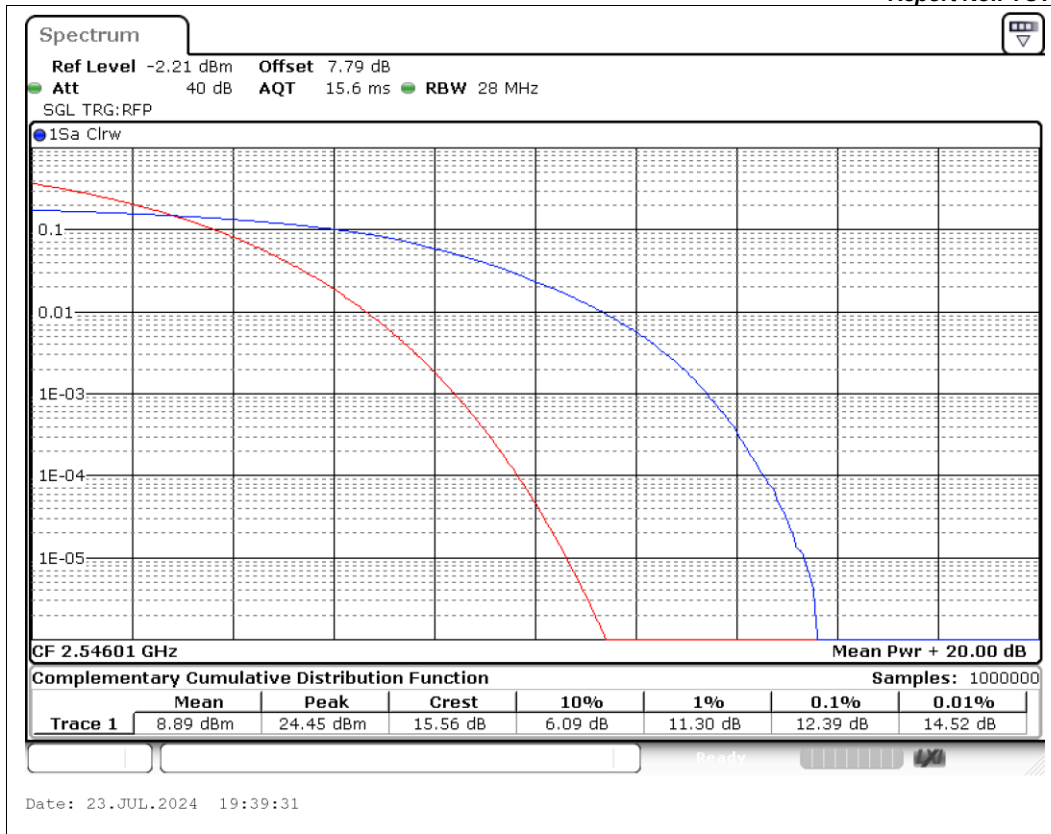
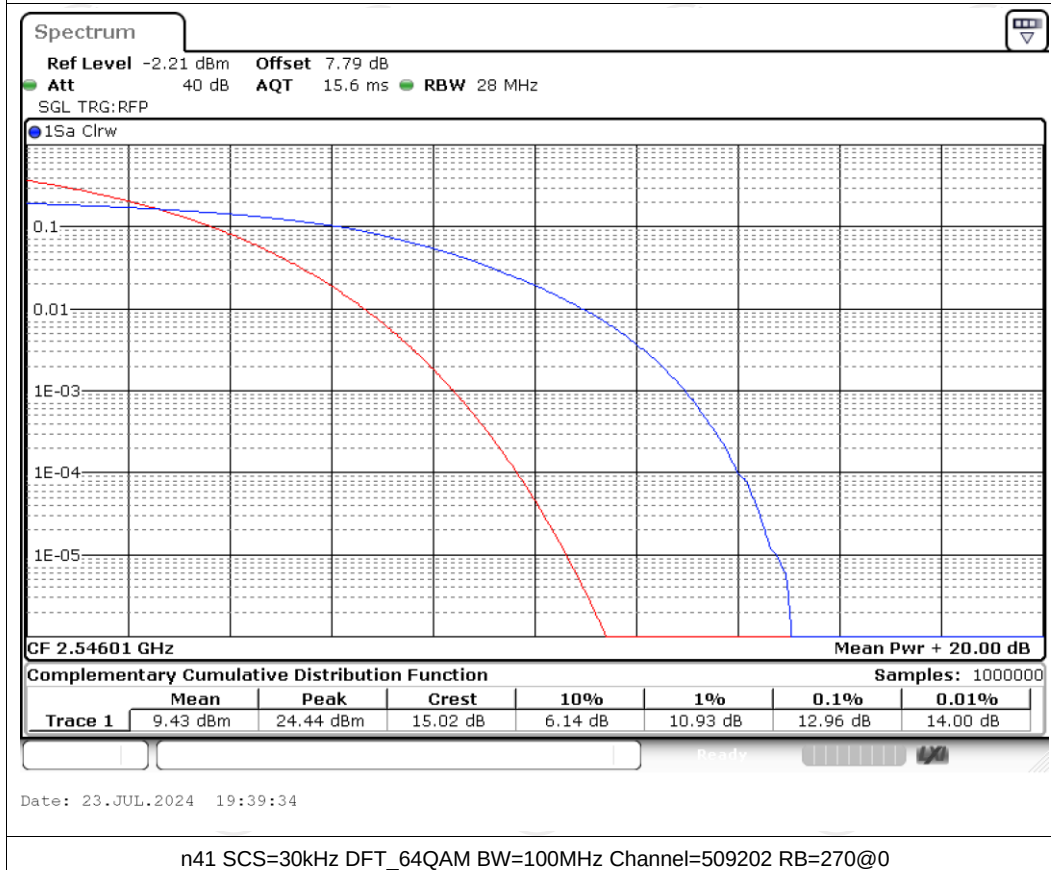
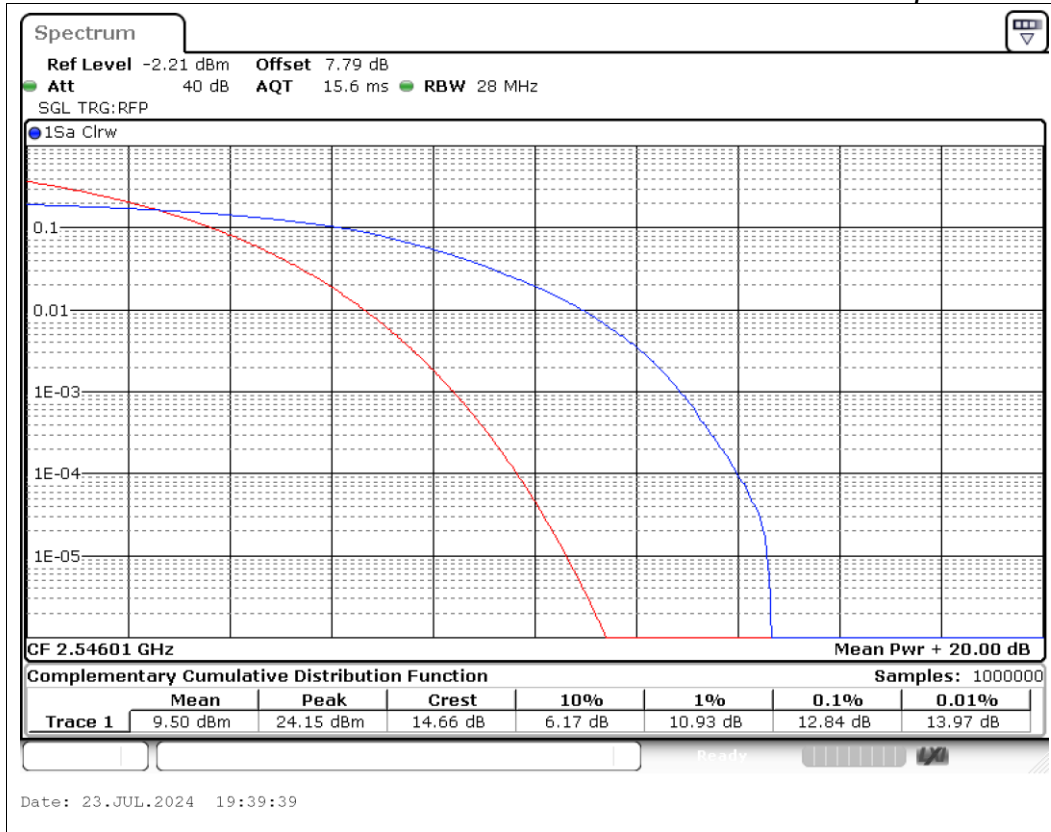




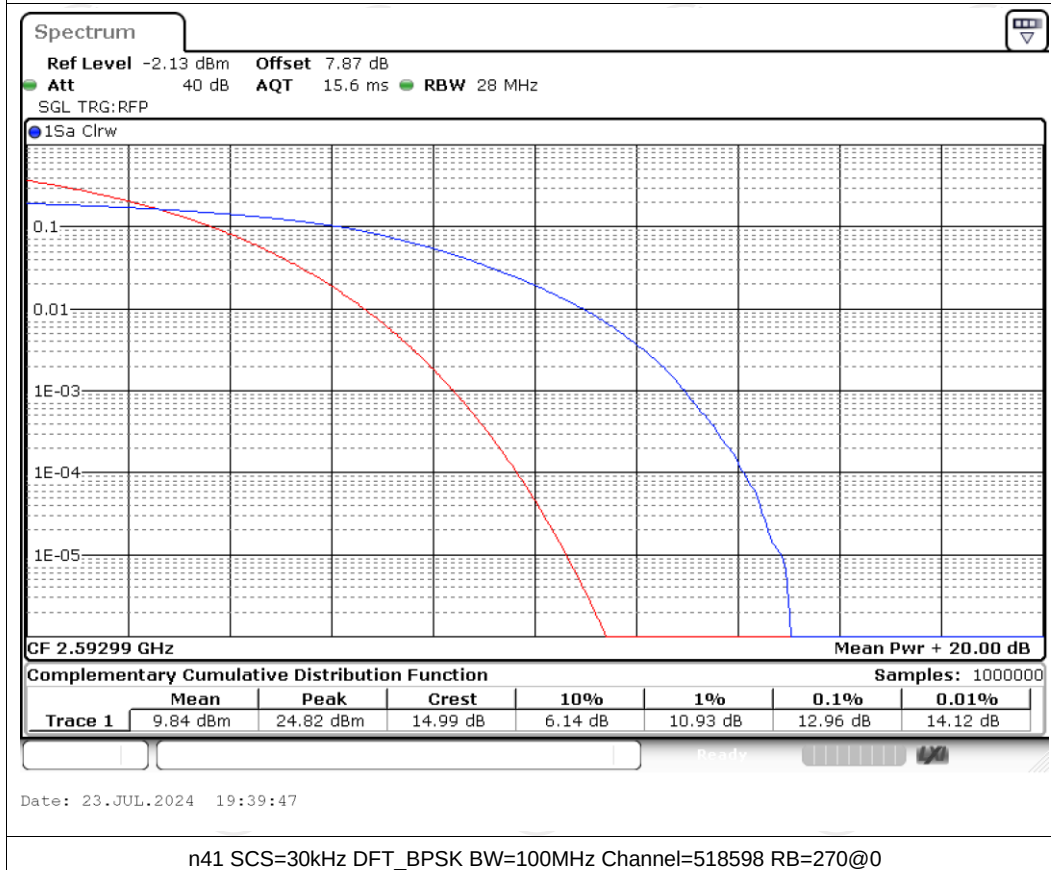
n41 SCS=30kHz DFT_16QAM BW=100MHz Channel=509202 RB=270@0



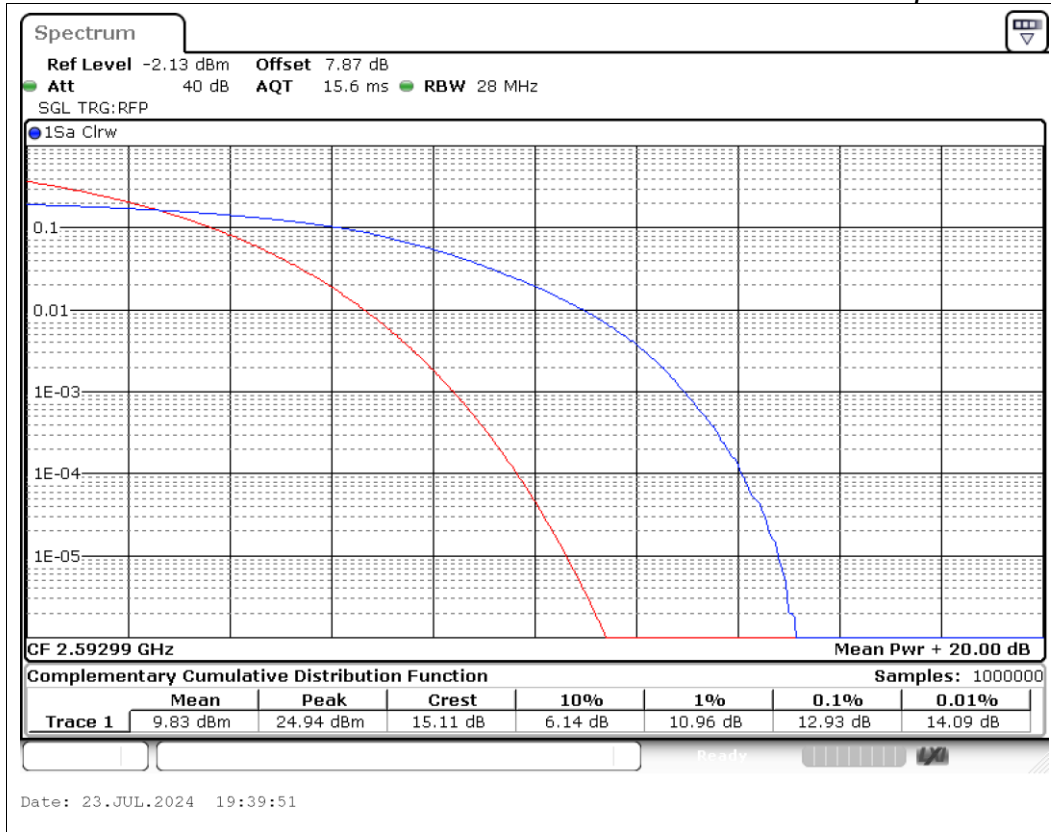
n41 SCS=30kHz DFT_64QAM BW=100MHz Channel=509202 RB=270@0



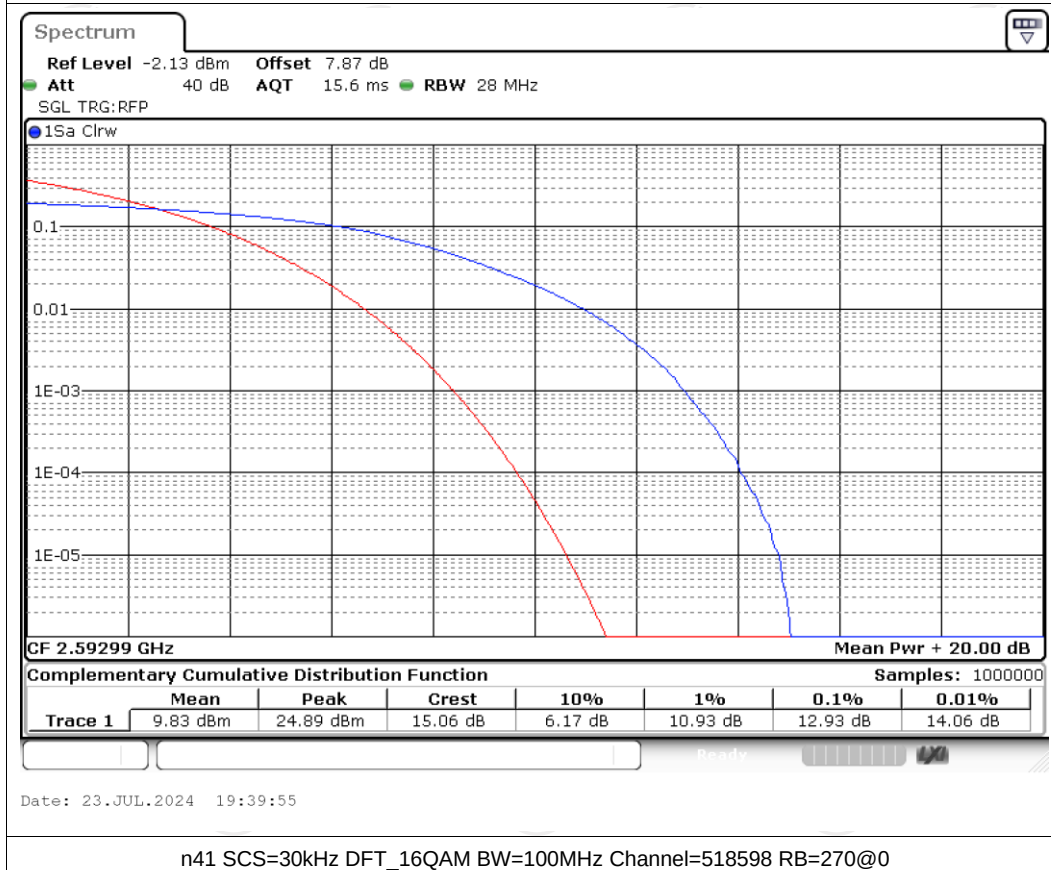
n41 SCS=30kHz DFT_256QAM BW=100MHz Channel=509202 RB=270@0



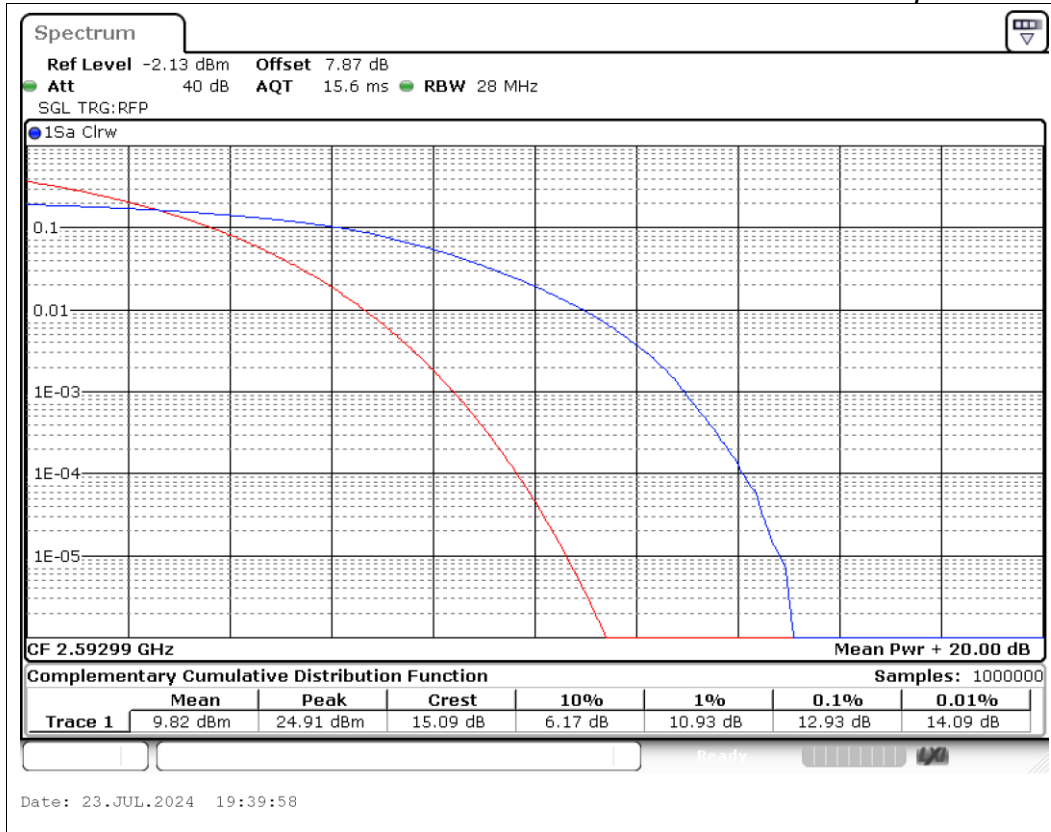
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598 RB=270@0



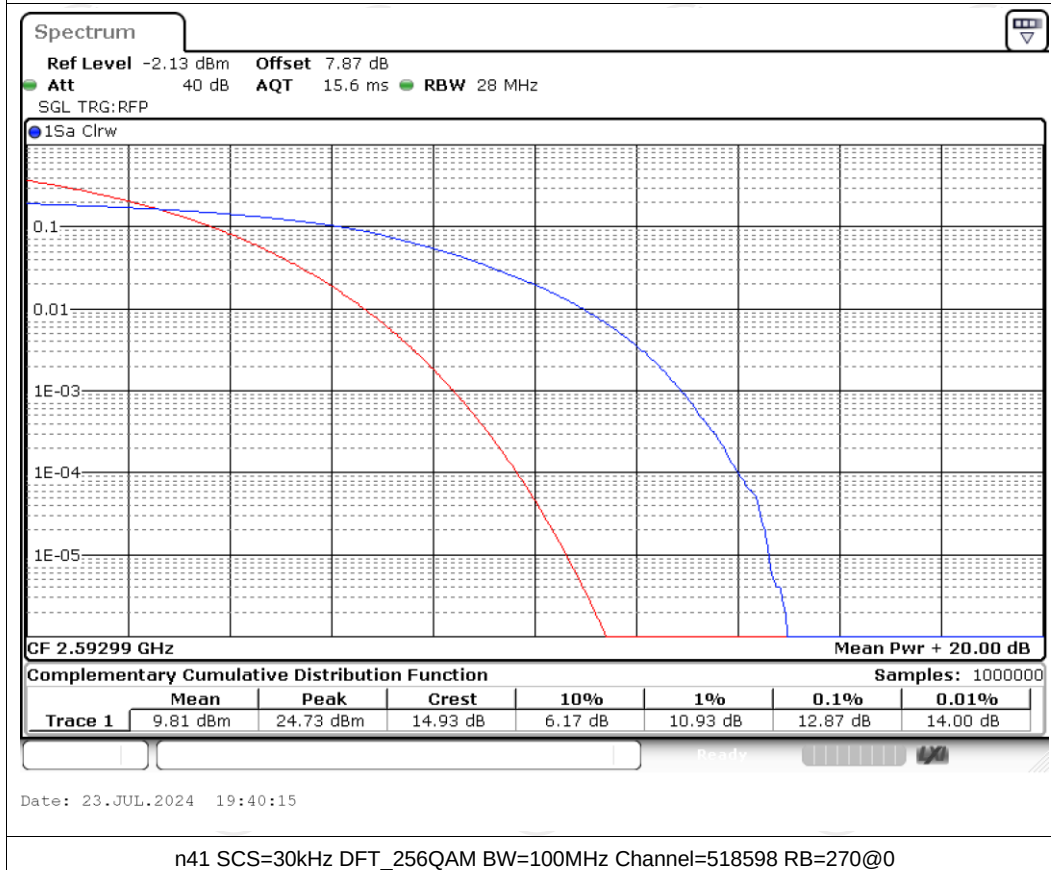
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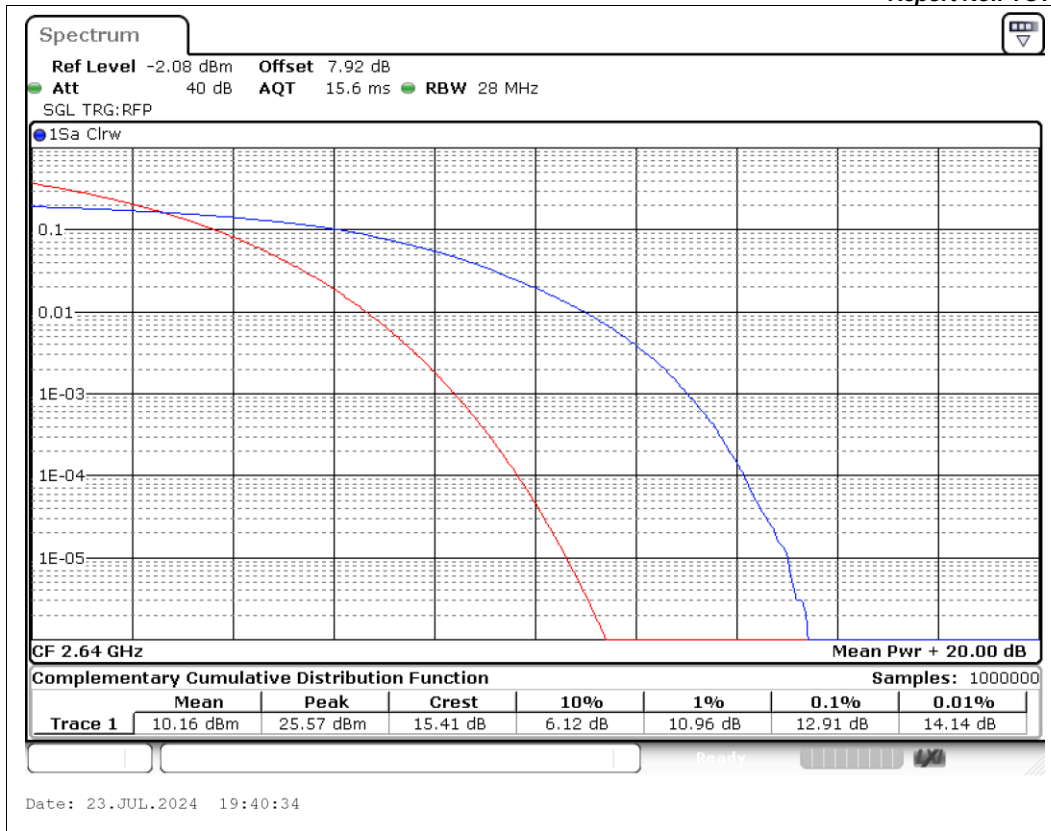
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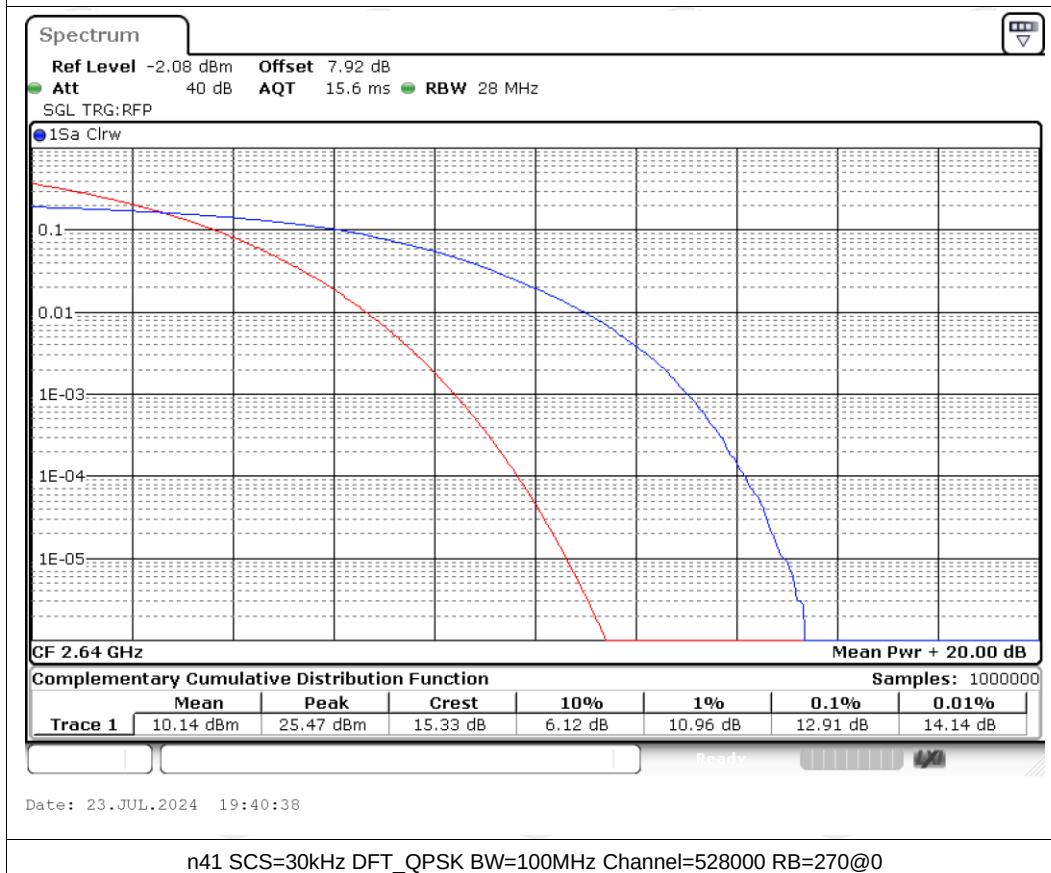
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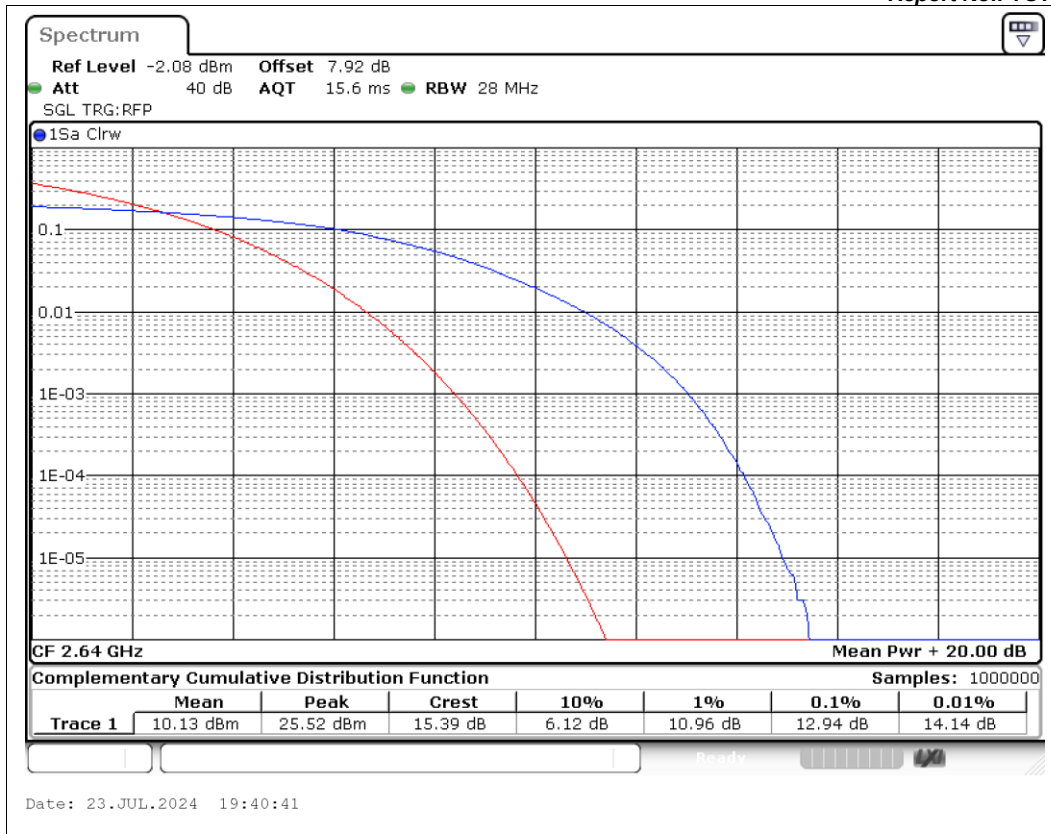
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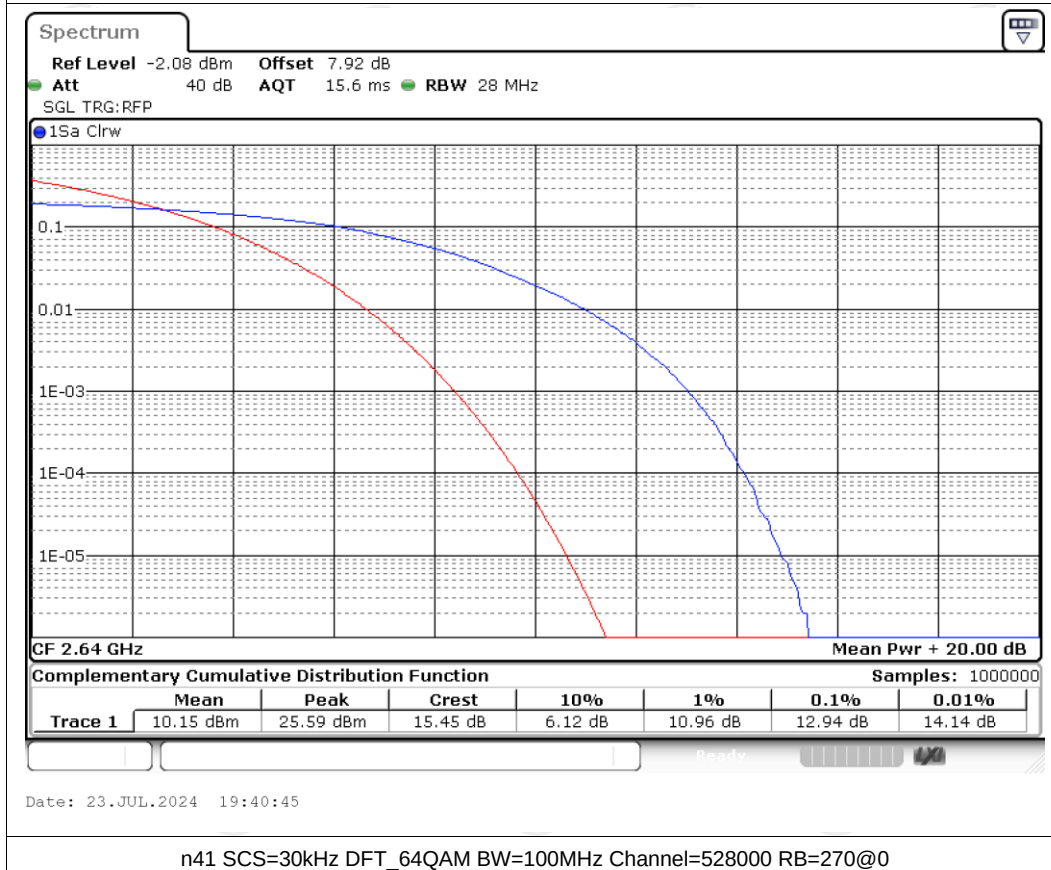
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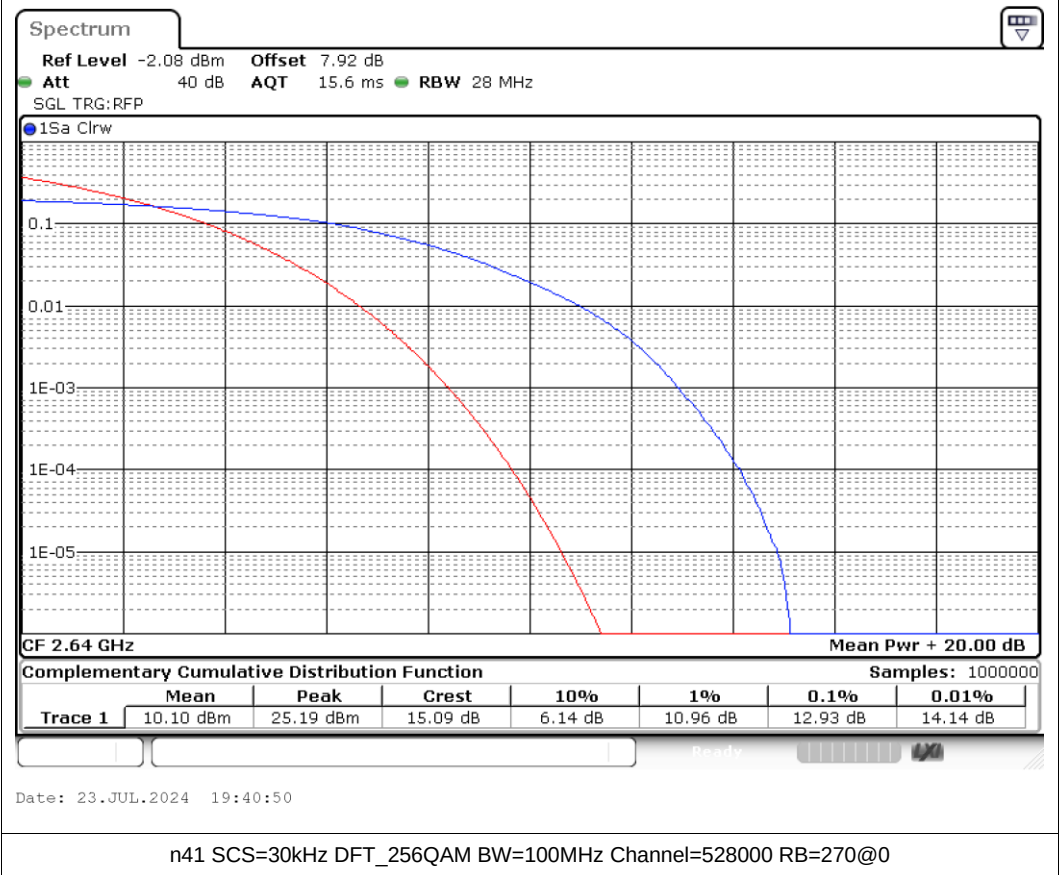
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n41 SCS=30kHz DFT_16QAM BW=100MHz Channel=528000 RB=270@0



n41 SCS=30kHz DFT_64QAM BW=100MHz Channel=528000 RB=270@0



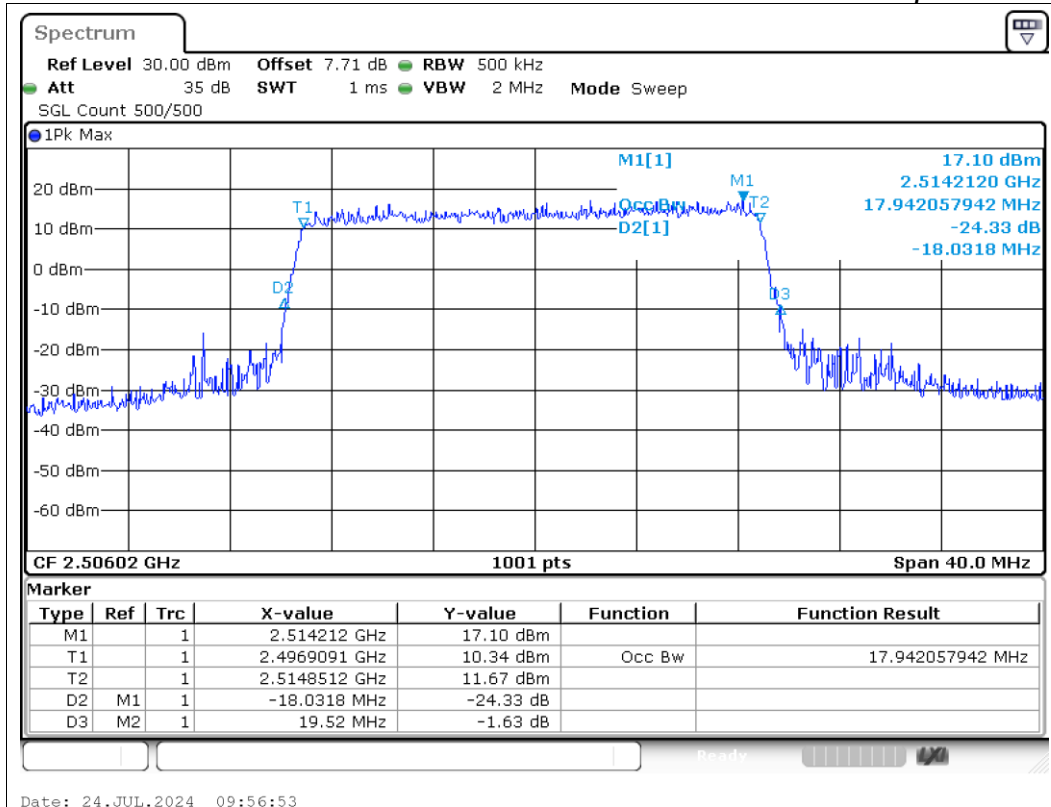
4. Occupied Bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	30	20	501204	2506.02	50@0	DFT_BPSK	17.942	19.520	PASS
n41	30	20	501204	2506.02	51@0	CP_QPSK	18.262	20.440	PASS
n41	30	20	501204	2506.02	51@0	CP_16QAM	18.302	19.800	PASS
n41	30	20	501204	2506.02	51@0	CP_64QAM	18.262	20.080	PASS
n41	30	20	501204	2506.02	51@0	CP_256QAM	18.302	20.400	PASS
n41	30	20	518598	2592.99	50@0	DFT_BPSK	17.982	19.600	PASS
n41	30	20	518598	2592.99	51@0	CP_QPSK	18.342	19.720	PASS
n41	30	20	518598	2592.99	51@0	CP_16QAM	18.382	20.960	PASS
n41	30	20	518598	2592.99	51@0	CP_64QAM	18.302	20.600	PASS
n41	30	20	518598	2592.99	51@0	CP_256QAM	18.342	21.000	PASS
n41	30	20	535998	2679.99	50@0	DFT_BPSK	18.022	19.640	PASS
n41	30	20	535998	2679.99	51@0	CP_QPSK	18.342	20.880	PASS
n41	30	20	535998	2679.99	51@0	CP_16QAM	18.302	21.280	PASS
n41	30	20	535998	2679.99	51@0	CP_64QAM	18.382	21.280	PASS
n41	30	20	535998	2679.99	51@0	CP_256QAM	18.342	20.720	PASS
n41	30	30	502200	2511	75@0	DFT_BPSK	27.033	29.100	PASS
n41	30	30	502200	2511	78@0	CP_QPSK	28.052	30.300	PASS
n41	30	30	502200	2511	78@0	CP_16QAM	28.052	30.240	PASS
n41	30	30	502200	2511	78@0	CP_64QAM	27.992	30.180	PASS
n41	30	30	502200	2511	78@0	CP_256QAM	28.172	31.140	PASS
n41	30	30	518598	2592.99	75@0	DFT_BPSK	27.033	29.340	PASS
n41	30	30	518598	2592.99	78@0	CP_QPSK	28.172	30.420	PASS
n41	30	30	518598	2592.99	78@0	CP_16QAM	28.172	30.420	PASS
n41	30	30	518598	2592.99	78@0	CP_64QAM	28.172	30.360	PASS
n41	30	30	518598	2592.99	78@0	CP_256QAM	28.292	32.040	PASS
n41	30	30	534996	2674.98	75@0	DFT_BPSK	27.093	29.400	PASS
n41	30	30	534996	2674.98	78@0	CP_QPSK	28.172	30.420	PASS
n41	30	30	534996	2674.98	78@0	CP_16QAM	28.172	30.360	PASS
n41	30	30	534996	2674.98	78@0	CP_64QAM	28.172	30.480	PASS
n41	30	30	534996	2674.98	78@0	CP_256QAM	28.232	32.040	PASS
n41	30	40	503202	2516.01	100@0	DFT_BPSK	35.804	38.320	PASS
n41	30	40	503202	2516.01	106@0	CP_QPSK	37.882	40.480	PASS
n41	30	40	503202	2516.01	106@0	CP_16QAM	37.882	40.320	PASS
n41	30	40	503202	2516.01	106@0	CP_64QAM	37.802	40.240	PASS
n41	30	40	503202	2516.01	106@0	CP_256QAM	37.802	40.400	PASS
n41	30	40	518598	2592.99	100@0	DFT_BPSK	35.964	38.320	PASS
n41	30	40	518598	2592.99	106@0	CP_QPSK	38.202	40.400	PASS
n41	30	40	518598	2592.99	106@0	CP_16QAM	38.042	40.400	PASS

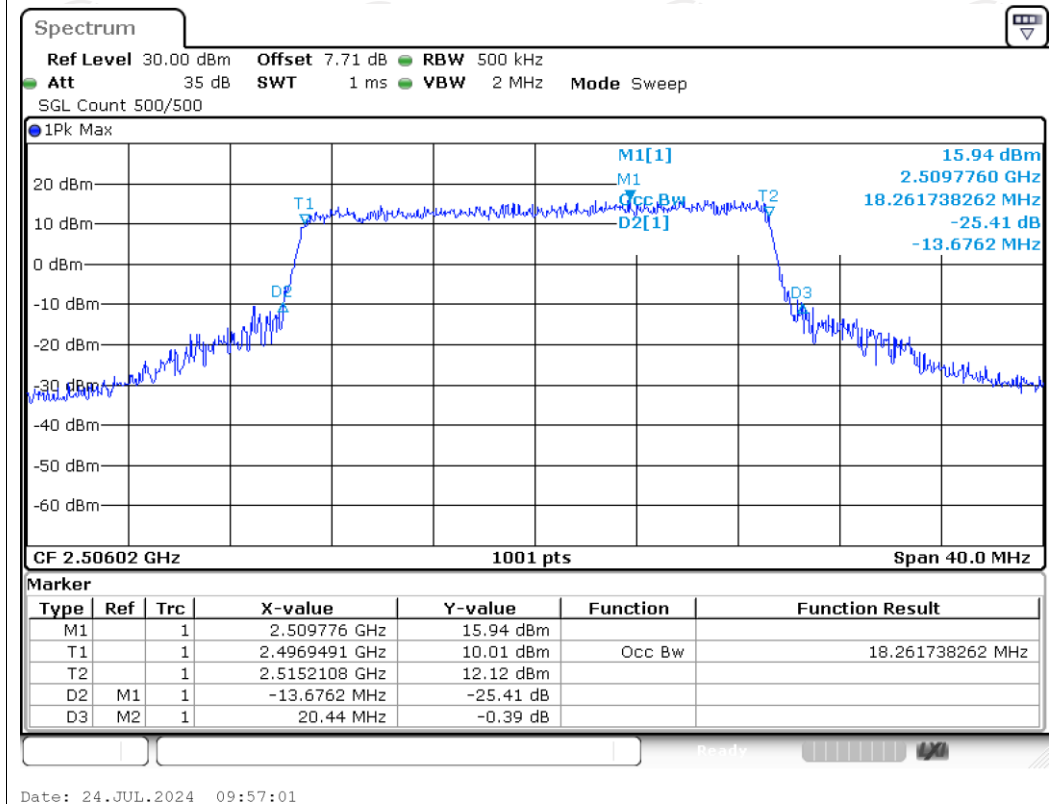
n41	30	40	518598	2592.99	106@0	CP_64QAM	38.042	40.400	PASS
n41	30	40	518598	2592.99	106@0	CP_256QAM	37.962	40.400	PASS
n41	30	40	534000	2670	100@0	DFT_BPSK	35.964	38.240	PASS
n41	30	40	534000	2670	106@0	CP_QPSK	38.122	40.400	PASS
n41	30	40	534000	2670	106@0	CP_16QAM	38.042	40.480	PASS
n41	30	40	534000	2670	106@0	CP_64QAM	38.122	40.400	PASS
n41	30	40	534000	2670	106@0	CP_256QAM	38.042	40.400	PASS
n41	30	50	504204	2521.02	128@0	DFT_BPSK	45.654	48.200	PASS
n41	30	50	504204	2521.02	133@0	CP_QPSK	47.353	49.900	PASS
n41	30	50	504204	2521.02	133@0	CP_16QAM	47.353	50.000	PASS
n41	30	50	504204	2521.02	133@0	CP_64QAM	47.353	50.100	PASS
n41	30	50	504204	2521.02	133@0	CP_256QAM	47.353	50.100	PASS
n41	30	50	518598	2592.99	128@0	DFT_BPSK	45.854	48.300	PASS
n41	30	50	518598	2592.99	133@0	CP_QPSK	47.552	50.200	PASS
n41	30	50	518598	2592.99	133@0	CP_16QAM	47.652	50.300	PASS
n41	30	50	518598	2592.99	133@0	CP_64QAM	47.552	50.300	PASS
n41	30	50	518598	2592.99	133@0	CP_256QAM	47.552	50.200	PASS
n41	30	50	532998	2664.99	128@0	DFT_BPSK	45.854	48.400	PASS
n41	30	50	532998	2664.99	133@0	CP_QPSK	47.552	50.100	PASS
n41	30	50	532998	2664.99	133@0	CP_16QAM	47.652	50.100	PASS
n41	30	50	532998	2664.99	133@0	CP_64QAM	47.652	50.200	PASS
n41	30	50	532998	2664.99	133@0	CP_256QAM	47.552	50.100	PASS
n41	30	60	505200	2526	162@0	DFT_BPSK	58.382	62.760	PASS
n41	30	60	505200	2526	162@0	CP_QPSK	58.262	62.640	PASS
n41	30	60	505200	2526	162@0	CP_16QAM	58.262	62.640	PASS
n41	30	60	505200	2526	162@0	CP_64QAM	58.142	62.520	PASS
n41	30	60	505200	2526	162@0	CP_256QAM	58.142	62.640	PASS
n41	30	60	518598	2592.99	162@0	DFT_BPSK	58.382	62.760	PASS
n41	30	60	518598	2592.99	162@0	CP_QPSK	58.501	62.880	PASS
n41	30	60	518598	2592.99	162@0	CP_16QAM	58.621	62.640	PASS
n41	30	60	518598	2592.99	162@0	CP_64QAM	58.621	62.880	PASS
n41	30	60	518598	2592.99	162@0	CP_256QAM	58.501	62.760	PASS
n41	30	60	531996	2659.98	162@0	DFT_BPSK	58.501	62.880	PASS
n41	30	60	531996	2659.98	162@0	CP_QPSK	58.621	62.760	PASS
n41	30	60	531996	2659.98	162@0	CP_16QAM	58.621	63.000	PASS
n41	30	60	531996	2659.98	162@0	CP_64QAM	58.621	62.880	PASS
n41	30	60	531996	2659.98	162@0	CP_256QAM	58.382	62.880	PASS
n41	30	70	506202	2531.01	180@0	DFT_BPSK	64.476	69.020	PASS
n41	30	70	506202	2531.01	189@0	CP_QPSK	67.832	72.520	PASS
n41	30	70	506202	2531.01	189@0	CP_16QAM	68.112	72.380	PASS
n41	30	70	506202	2531.01	189@0	CP_64QAM	67.972	72.520	PASS
n41	30	70	506202	2531.01	189@0	CP_256QAM	67.972	72.660	PASS

n41	30	70	518598	2592.99	180@0	DFT_BPSK	64.755	69.160	PASS
n41	30	70	518598	2592.99	189@0	CP_QPSK	68.112	72.520	PASS
n41	30	70	518598	2592.99	189@0	CP_16QAM	68.252	72.520	PASS
n41	30	70	518598	2592.99	189@0	CP_64QAM	68.112	72.520	PASS
n41	30	70	518598	2592.99	189@0	CP_256QAM	68.392	82.600	PASS
n41	30	70	531000	2655	180@0	DFT_BPSK	64.755	69.020	PASS
n41	30	70	531000	2655	189@0	CP_QPSK	68.112	72.660	PASS
n41	30	70	531000	2655	189@0	CP_16QAM	68.112	72.380	PASS
n41	30	70	531000	2655	189@0	CP_64QAM	68.252	72.520	PASS
n41	30	70	531000	2655	189@0	CP_256QAM	68.112	74.760	PASS
n41	30	80	507204	2536.02	216@0	DFT_BPSK	77.043	82.080	PASS
n41	30	80	507204	2536.02	217@0	CP_QPSK	77.682	82.080	PASS
n41	30	80	507204	2536.02	217@0	CP_16QAM	77.682	82.240	PASS
n41	30	80	507204	2536.02	217@0	CP_64QAM	77.682	82.240	PASS
n41	30	80	507204	2536.02	217@0	CP_256QAM	77.363	82.400	PASS
n41	30	80	518598	2592.99	216@0	DFT_BPSK	77.682	82.080	PASS
n41	30	80	518598	2592.99	217@0	CP_QPSK	78.002	82.560	PASS
n41	30	80	518598	2592.99	217@0	CP_16QAM	77.842	82.560	PASS
n41	30	80	518598	2592.99	217@0	CP_64QAM	78.002	82.400	PASS
n41	30	80	518598	2592.99	217@0	CP_256QAM	77.842	82.560	PASS
n41	30	80	529998	2649.99	216@0	DFT_BPSK	77.522	82.080	PASS
n41	30	80	529998	2649.99	217@0	CP_QPSK	78.002	82.400	PASS
n41	30	80	529998	2649.99	217@0	CP_16QAM	78.002	82.560	PASS
n41	30	80	529998	2649.99	217@0	CP_64QAM	78.002	82.560	PASS
n41	30	80	529998	2649.99	217@0	CP_256QAM	77.682	82.400	PASS
n41	30	90	508200	2541	243@0	DFT_BPSK	86.853	91.800	PASS
n41	30	90	508200	2541	245@0	CP_QPSK	87.572	92.340	PASS
n41	30	90	508200	2541	245@0	CP_16QAM	87.572	92.520	PASS
n41	30	90	508200	2541	245@0	CP_64QAM	87.572	92.340	PASS
n41	30	90	508200	2541	245@0	CP_256QAM	87.393	92.340	PASS
n41	30	90	518598	2592.99	243@0	DFT_BPSK	86.853	91.800	PASS
n41	30	90	518598	2592.99	245@0	CP_QPSK	87.752	92.520	PASS
n41	30	90	518598	2592.99	245@0	CP_16QAM	87.752	92.700	PASS
n41	30	90	518598	2592.99	245@0	CP_64QAM	87.752	92.520	PASS
n41	30	90	518598	2592.99	245@0	CP_256QAM	87.932	92.520	PASS
n41	30	90	528996	2644.98	243@0	DFT_BPSK	87.033	91.980	PASS
n41	30	90	528996	2644.98	245@0	CP_QPSK	87.932	92.700	PASS
n41	30	90	528996	2644.98	245@0	CP_16QAM	87.752	92.700	PASS
n41	30	90	528996	2644.98	245@0	CP_64QAM	87.932	92.700	PASS
n41	30	90	528996	2644.98	245@0	CP_256QAM	87.752	92.880	PASS
n41	30	100	509202	2546.01	270@0	DFT_BPSK	96.304	101.600	PASS
n41	30	100	509202	2546.01	273@0	CP_QPSK	97.303	102.600	PASS

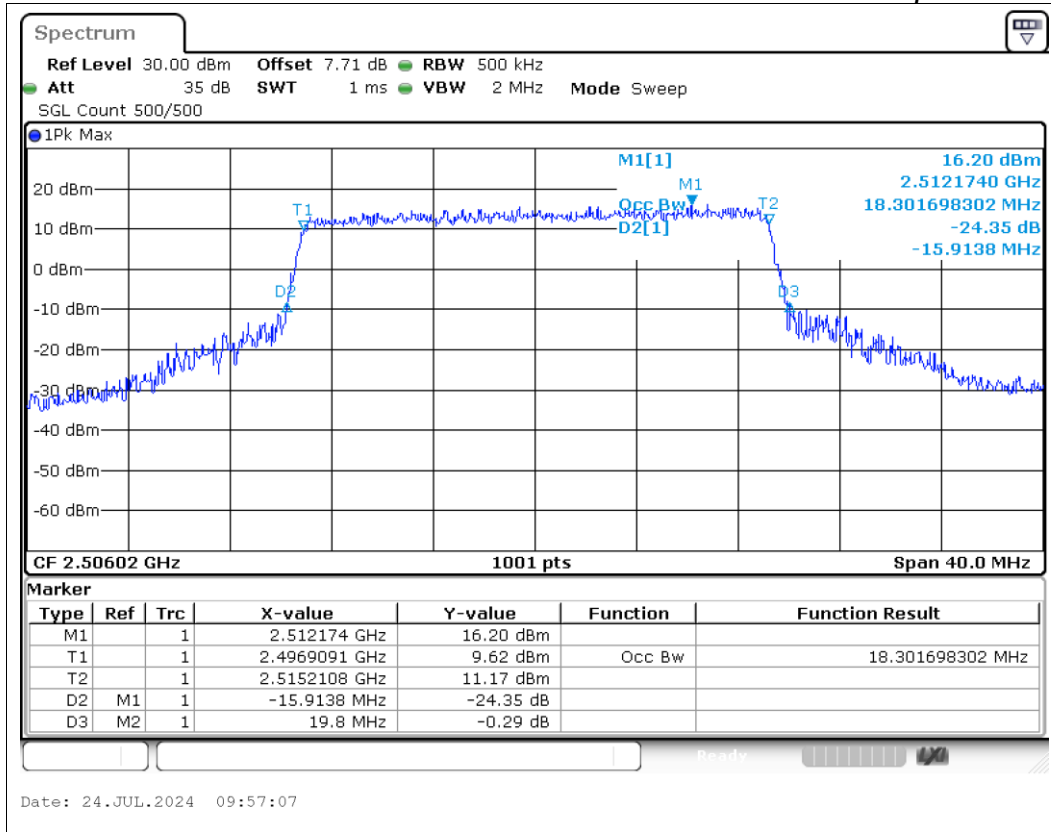
n41	30	100	509202	2546.01	273@0	CP_16QAM	97.303	102.600	PASS
n41	30	100	509202	2546.01	273@0	CP_64QAM	97.702	102.600	PASS
n41	30	100	509202	2546.01	273@0	CP_256QAM	97.303	102.400	PASS
n41	30	100	518598	2592.99	270@0	DFT_BPSK	96.503	101.600	PASS
n41	30	100	518598	2592.99	273@0	CP_QPSK	97.502	102.600	PASS
n41	30	100	518598	2592.99	273@0	CP_16QAM	97.702	102.400	PASS
n41	30	100	518598	2592.99	273@0	CP_64QAM	97.702	102.600	PASS
n41	30	100	518598	2592.99	273@0	CP_256QAM	97.502	102.400	PASS
n41	30	100	528000	2640	270@0	DFT_BPSK	96.503	101.600	PASS
n41	30	100	528000	2640	273@0	CP_QPSK	97.702	102.600	PASS
n41	30	100	528000	2640	273@0	CP_16QAM	97.902	102.600	PASS
n41	30	100	528000	2640	273@0	CP_64QAM	97.502	102.800	PASS
n41	30	100	528000	2640	273@0	CP_256QAM	97.303	102.400	PASS



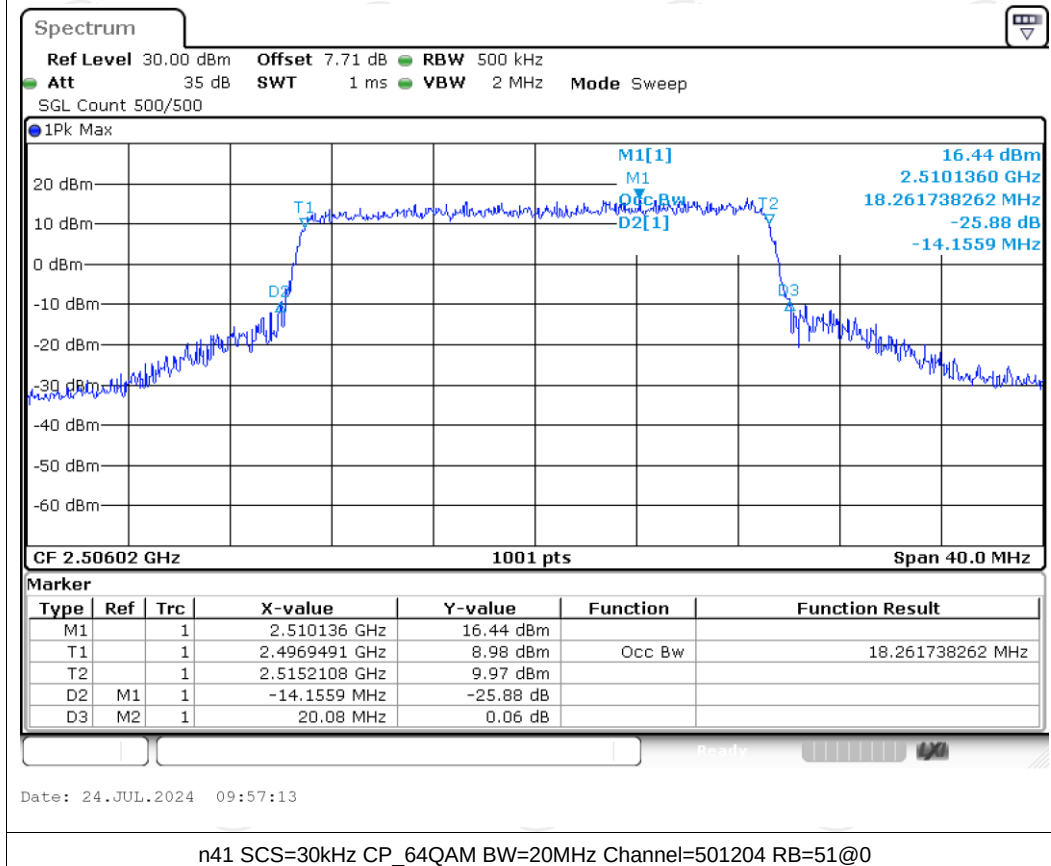
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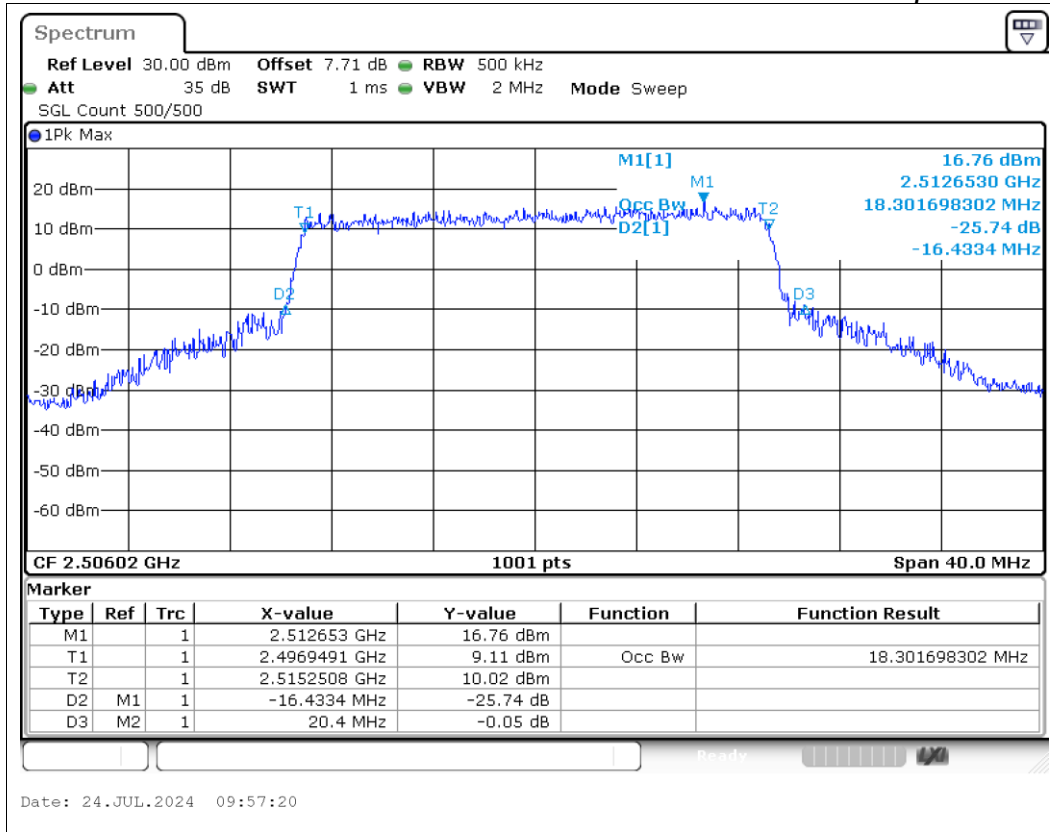
n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



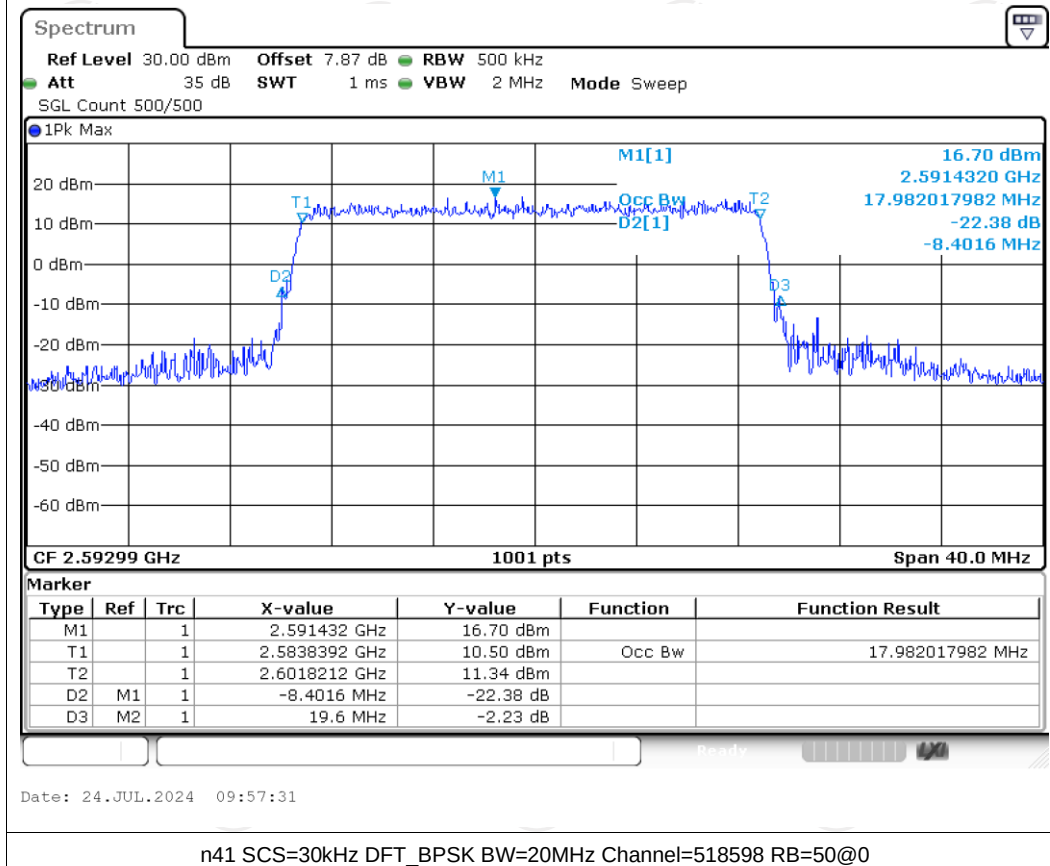
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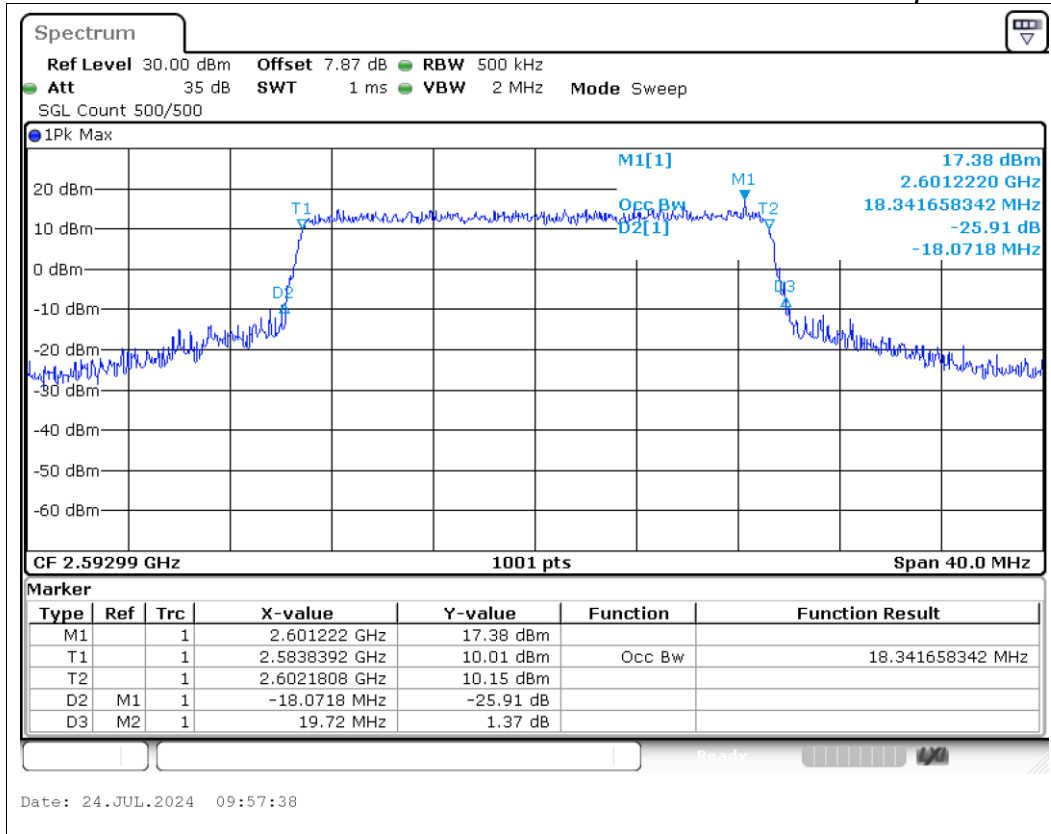
n41 SCS=30kHz CP_64QAM BW=20MHz Channel=501204 RB=51@0



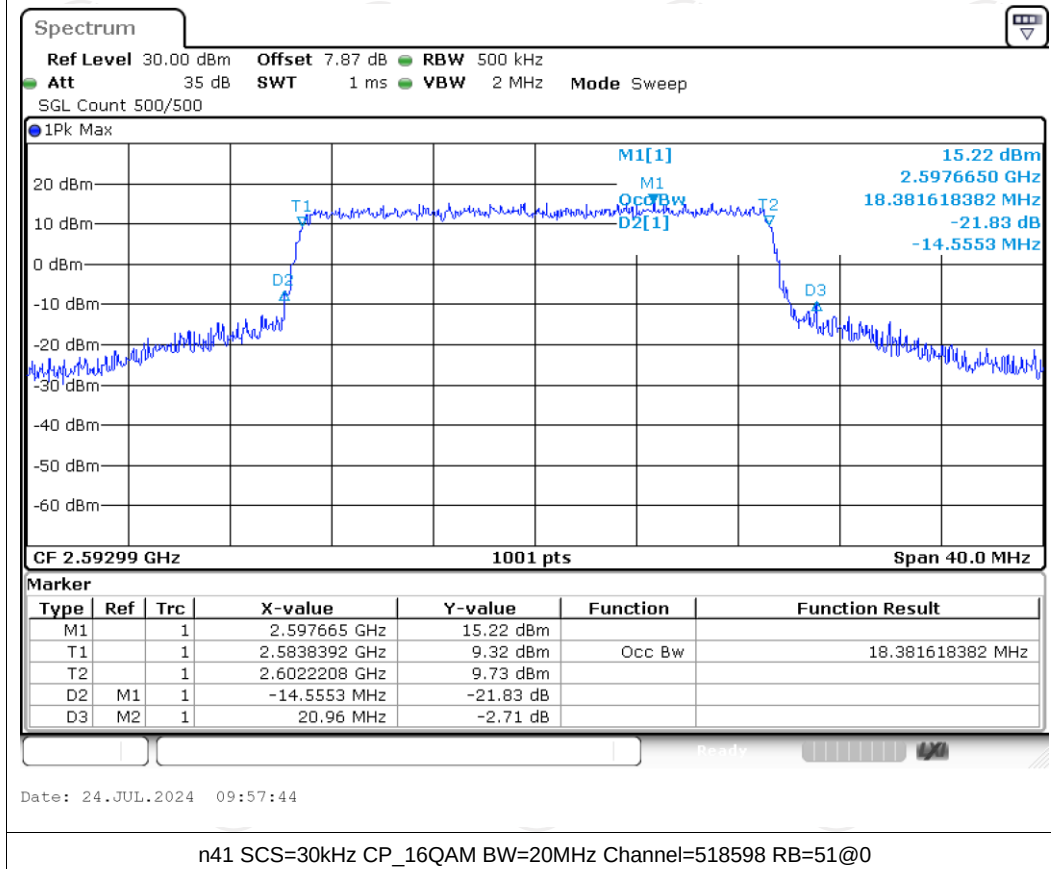
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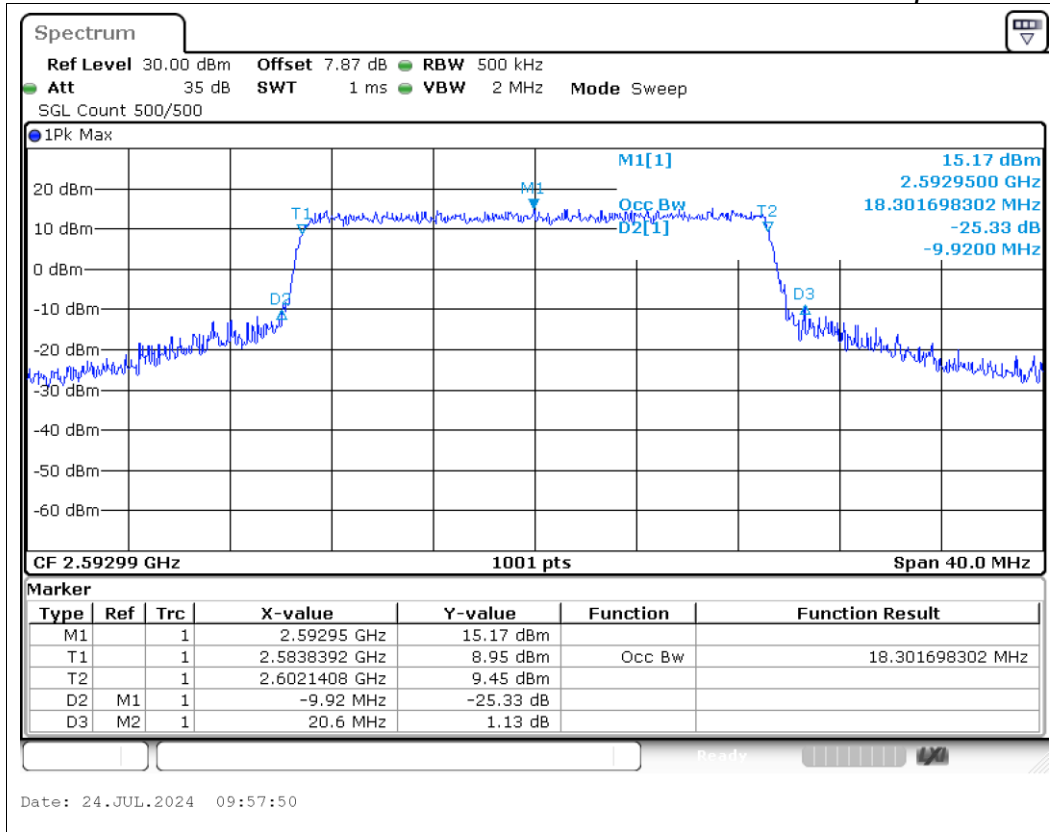
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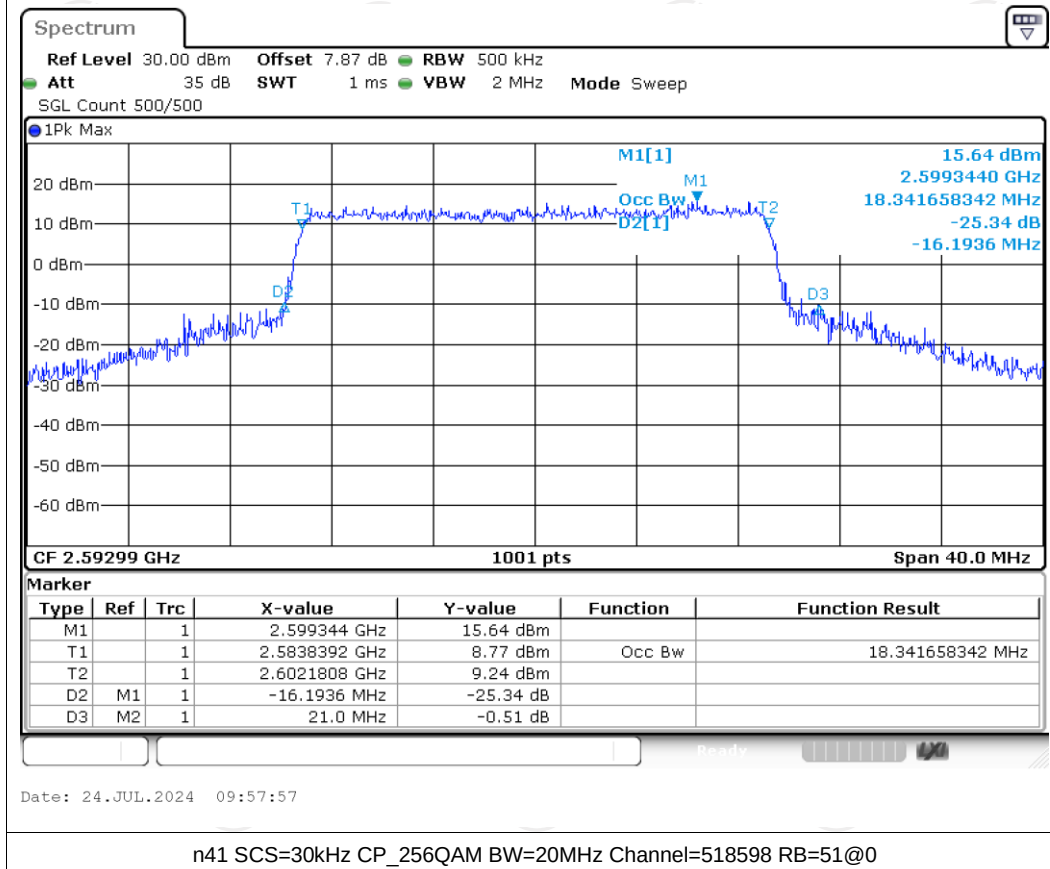
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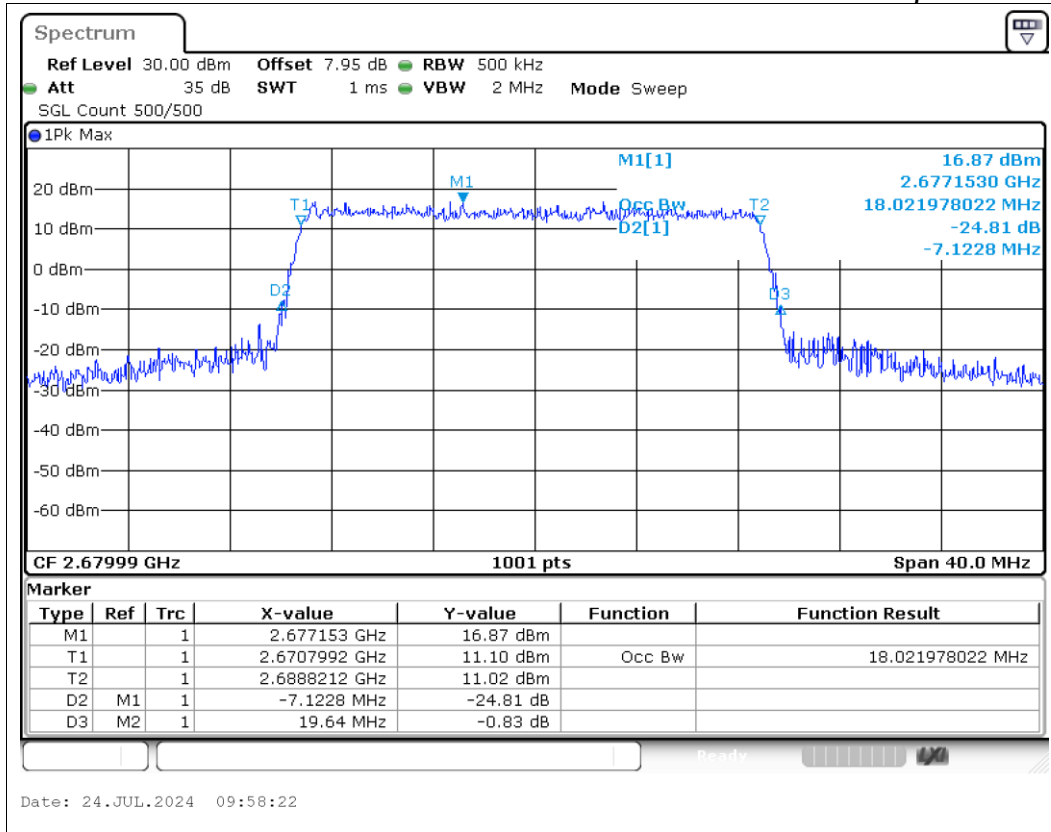
n41 SCS=30kHz CP_16QAM BW=20MHz Channel=518598 RB=51@0



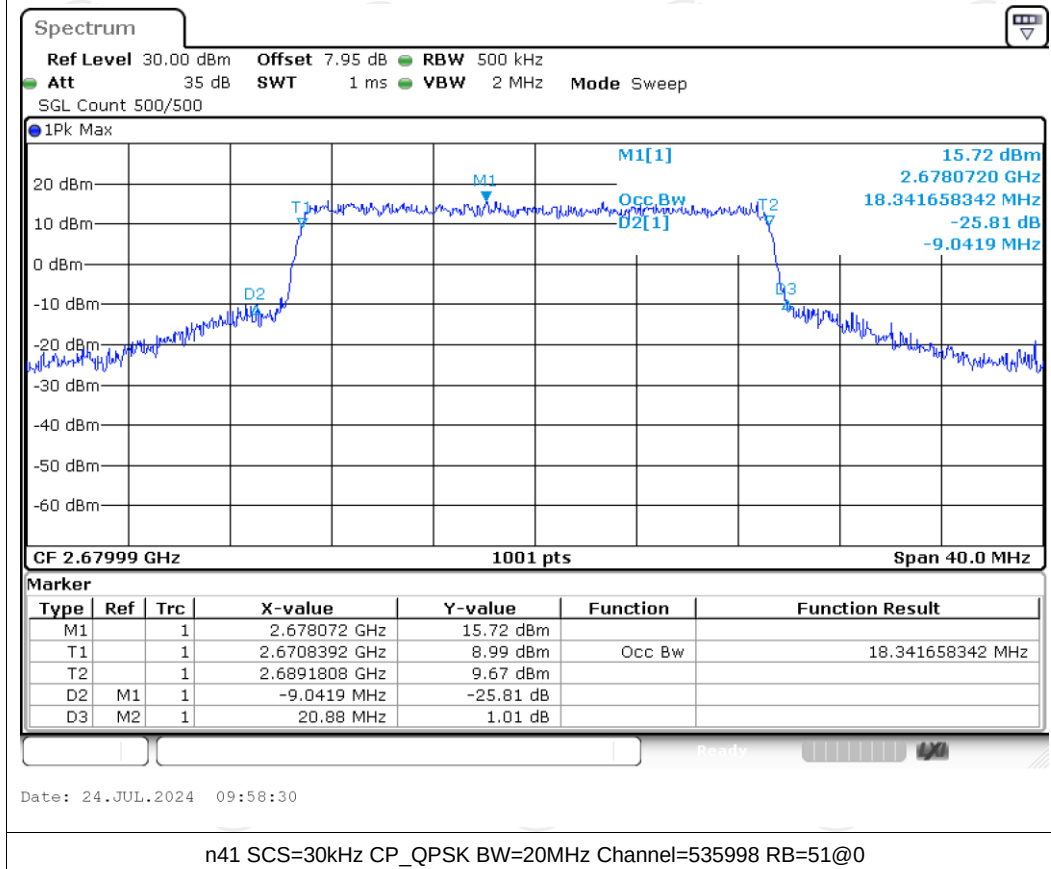
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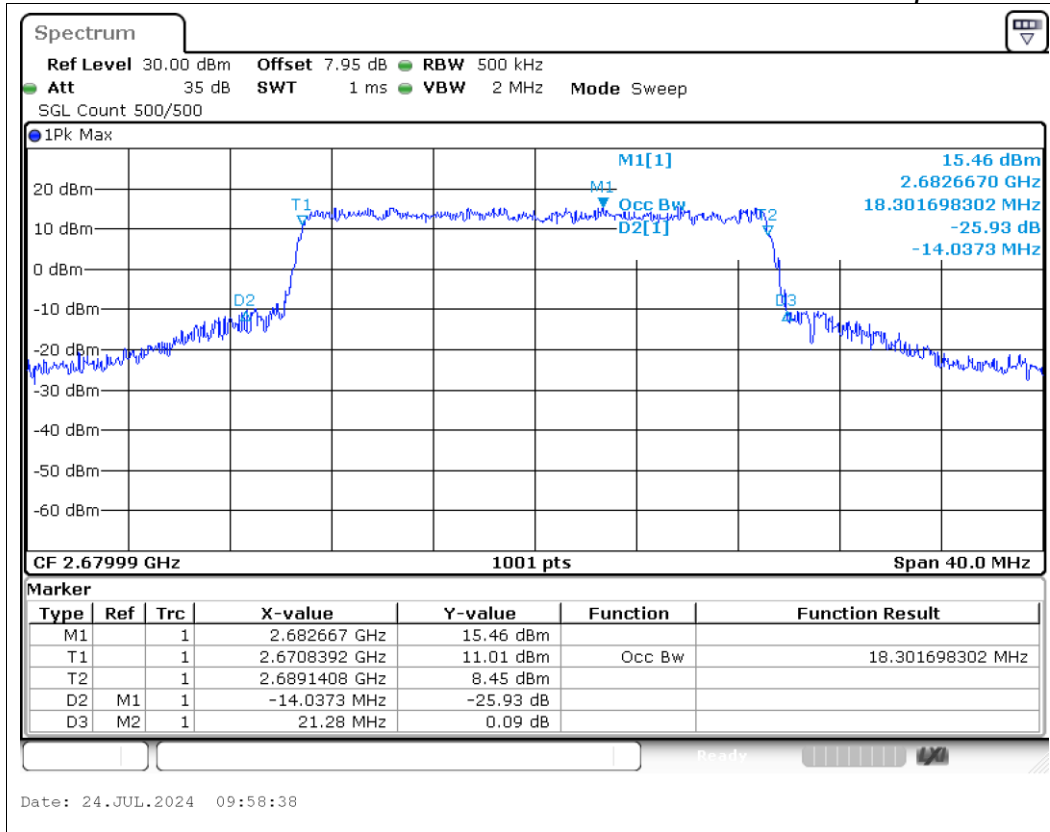
n41 SCS=30kHz CP_256QAM BW=20MHz Channel=518598 RB=51@0



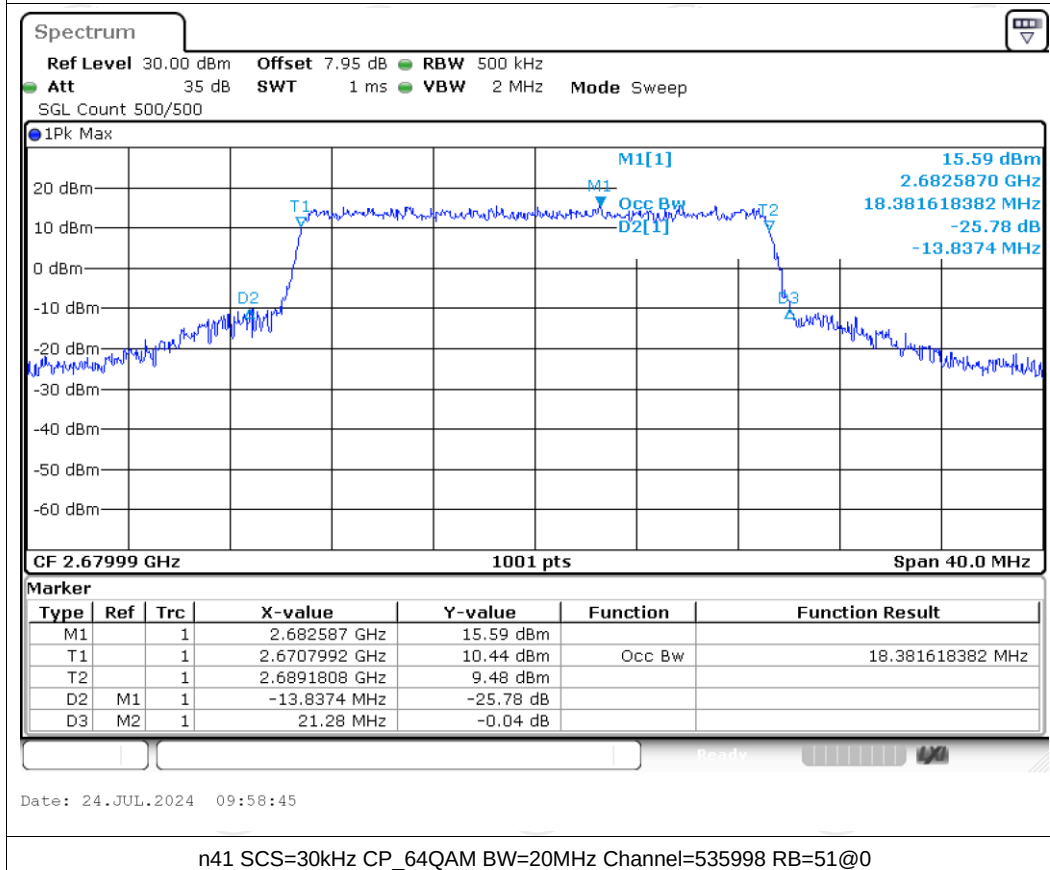
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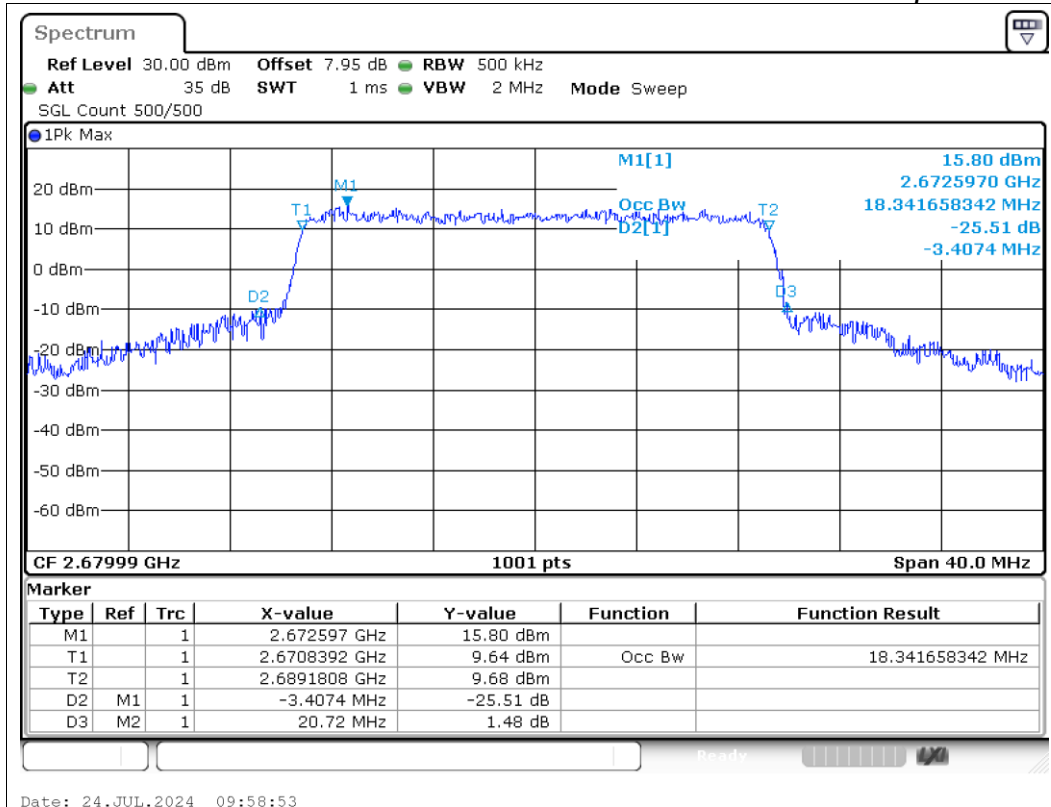
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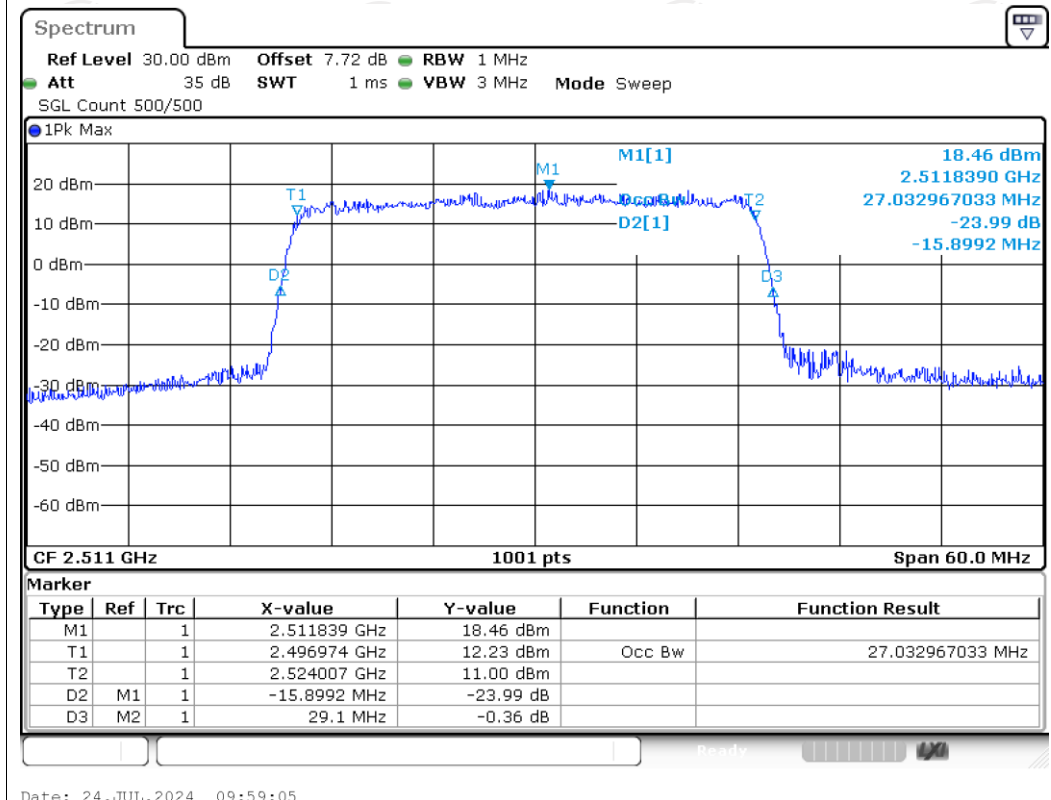
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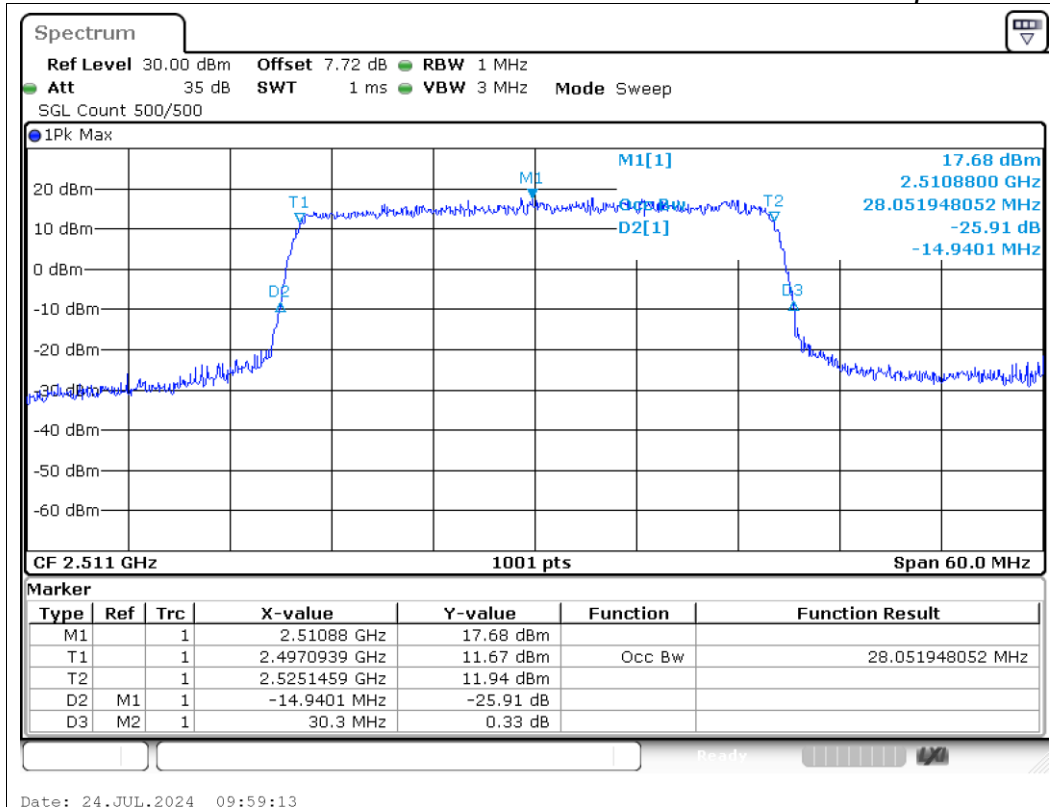
n41 SCS=30kHz CP_64QAM BW=20MHz Channel=535998 RB=51@0



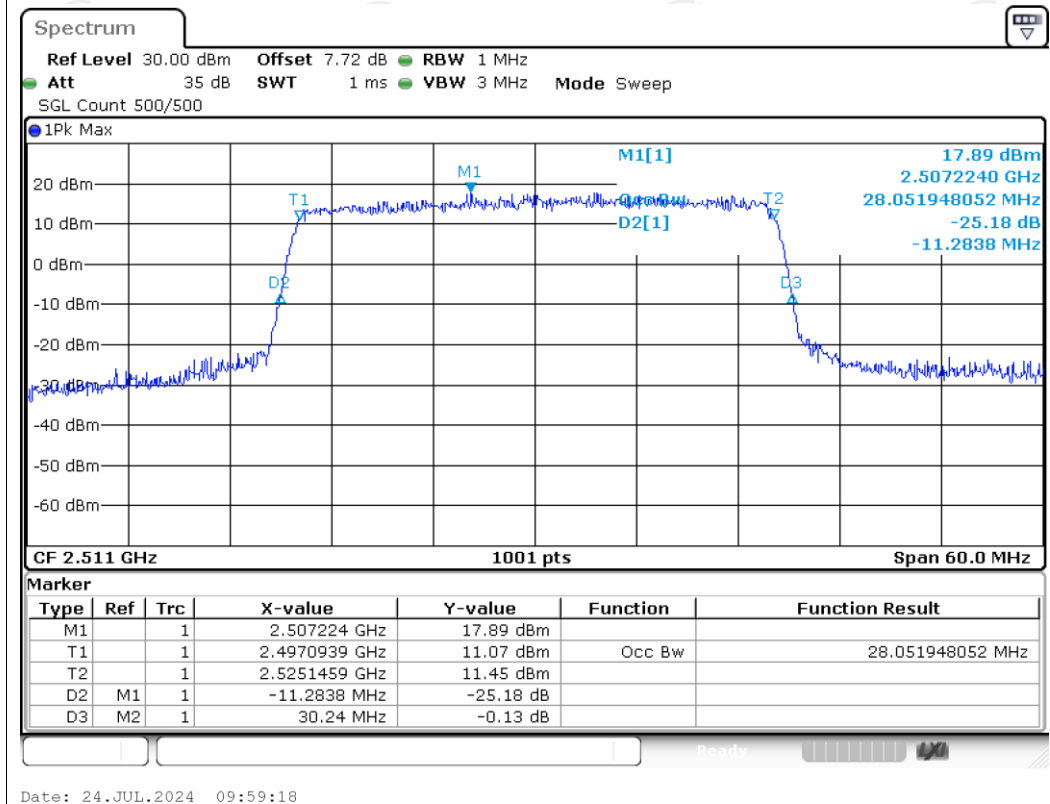
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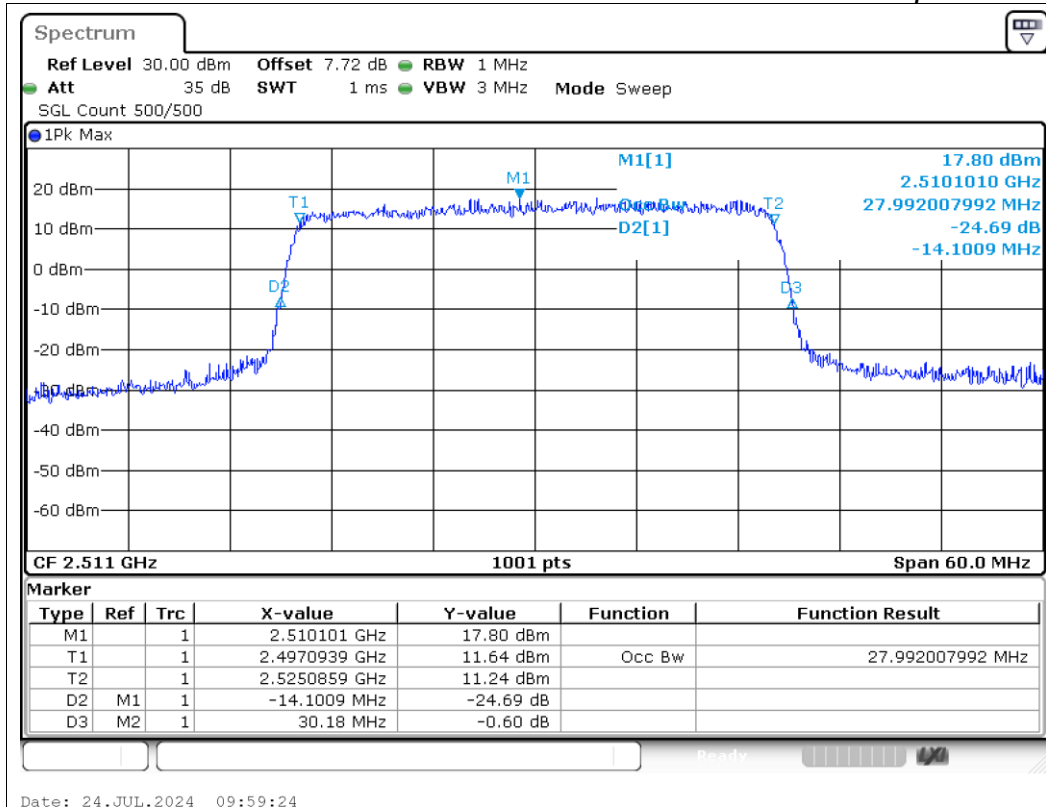
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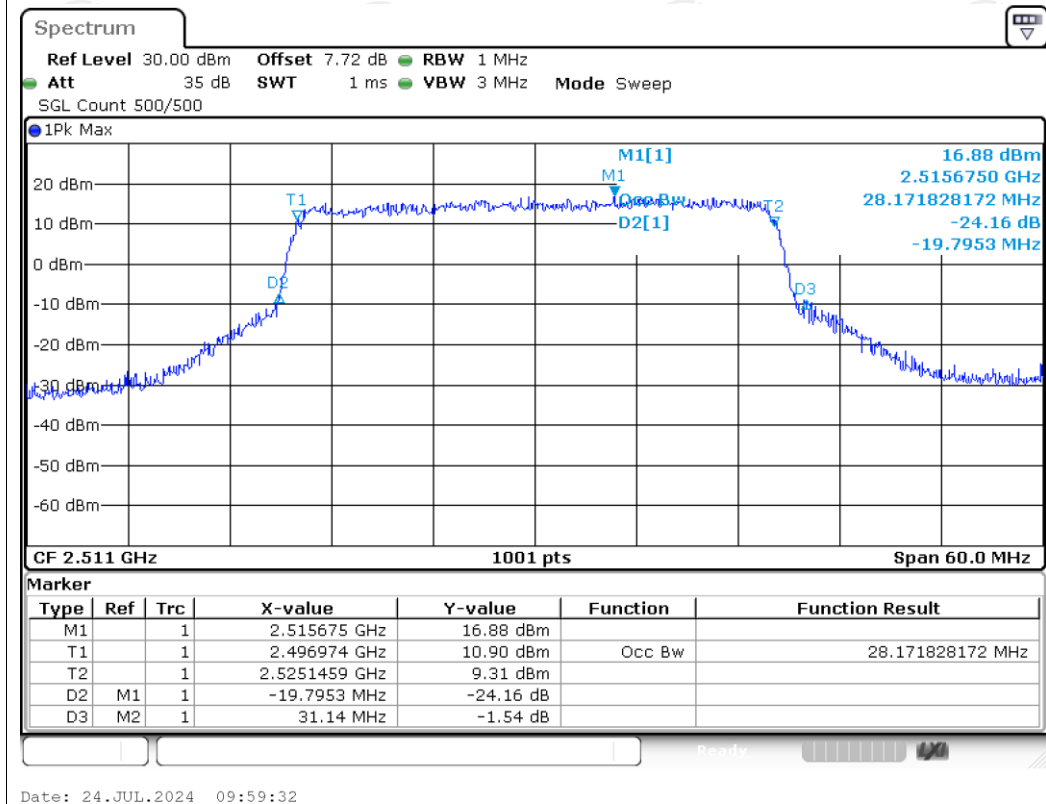
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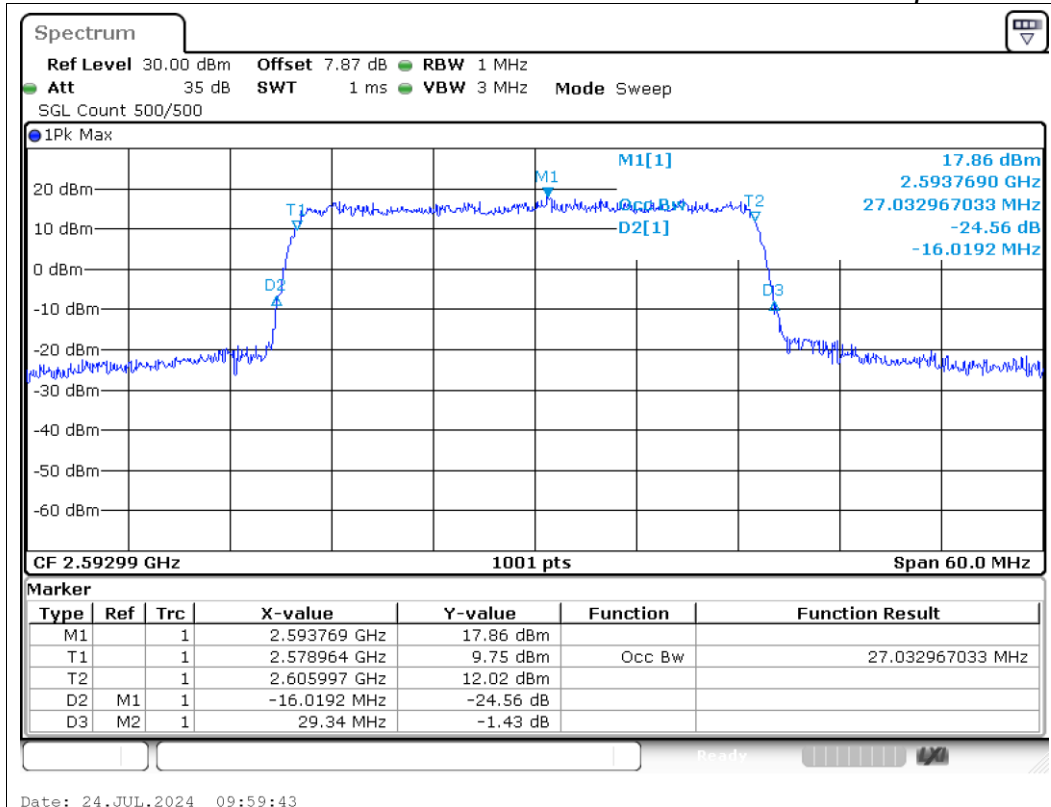
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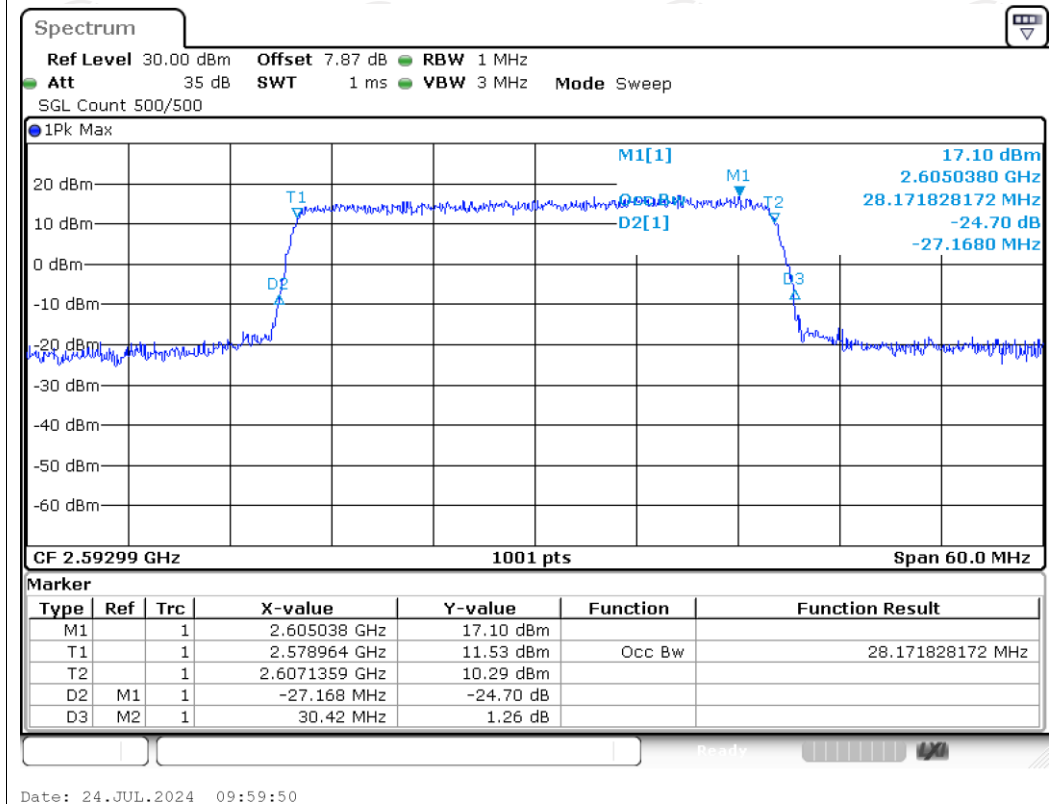
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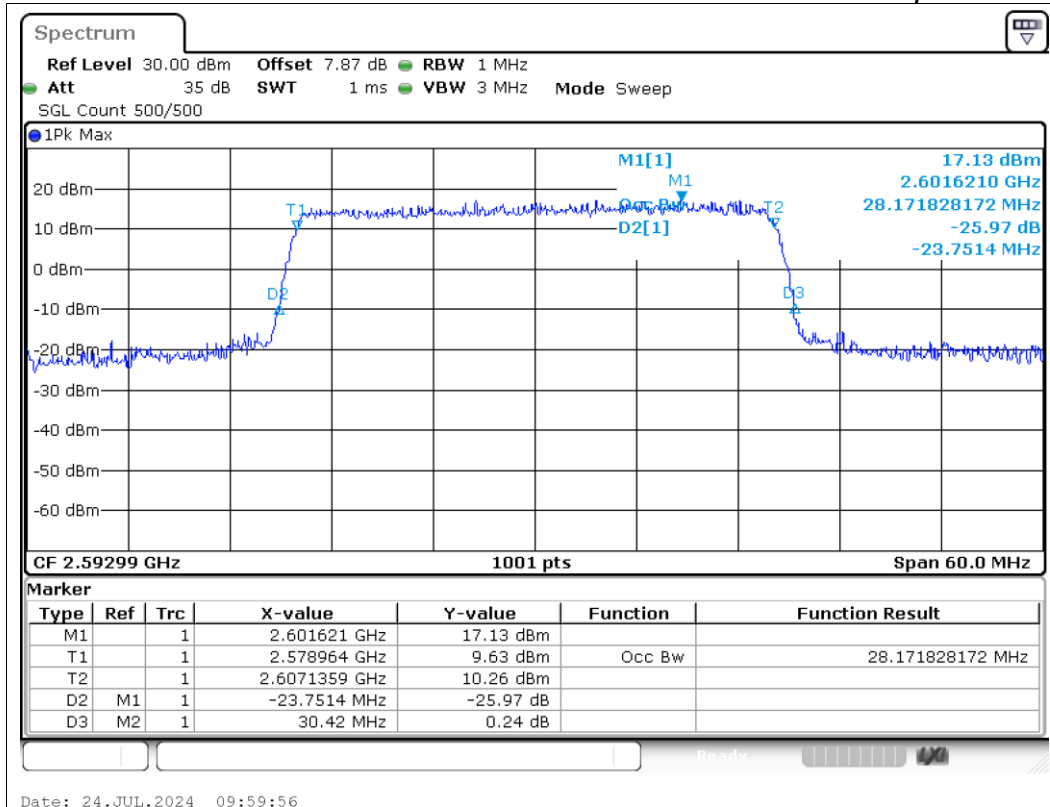
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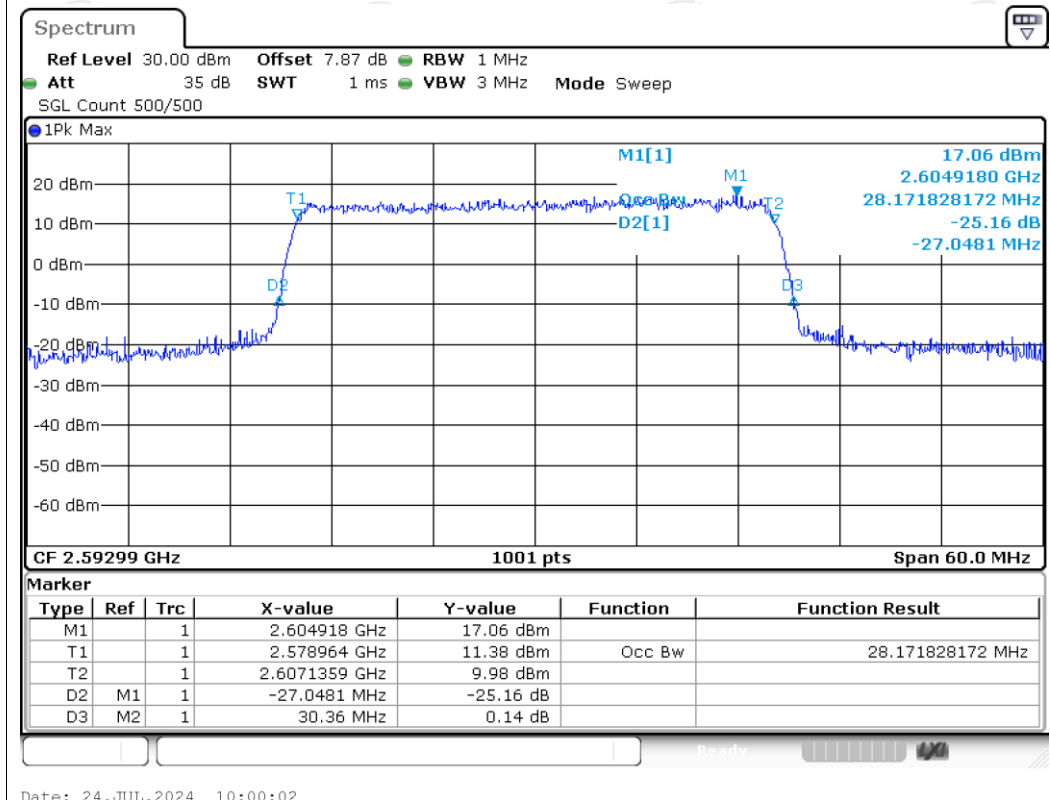
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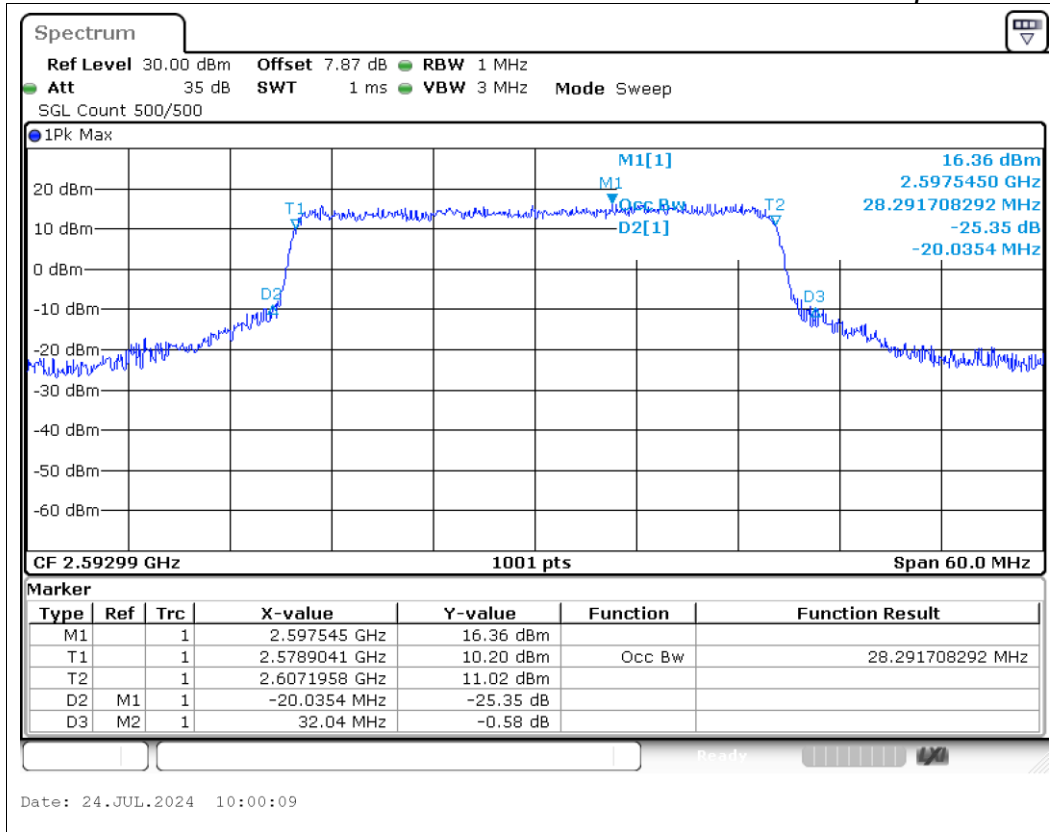
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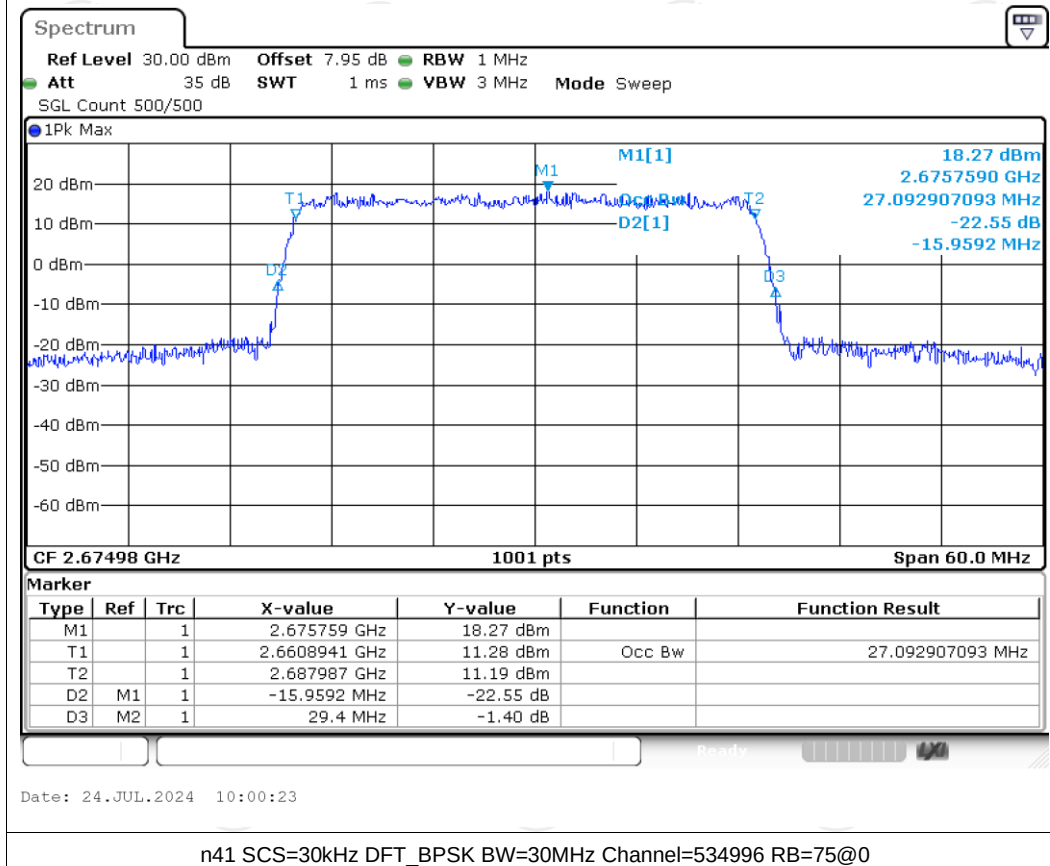
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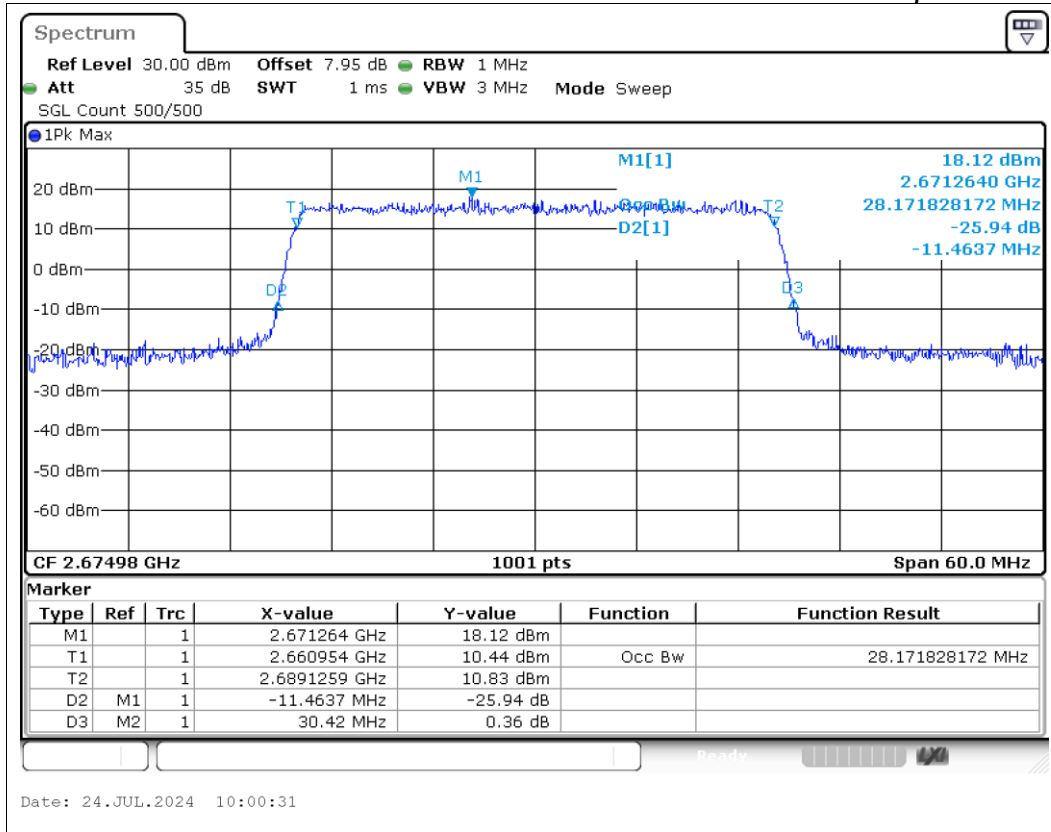
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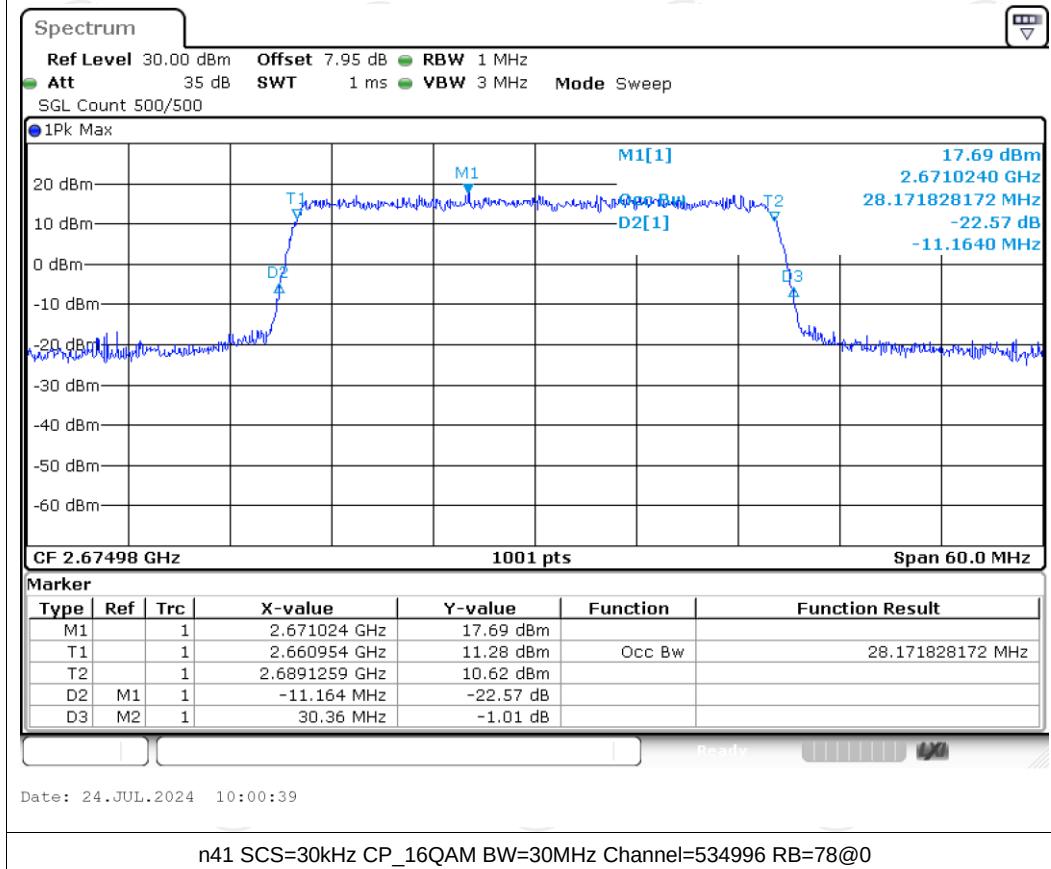
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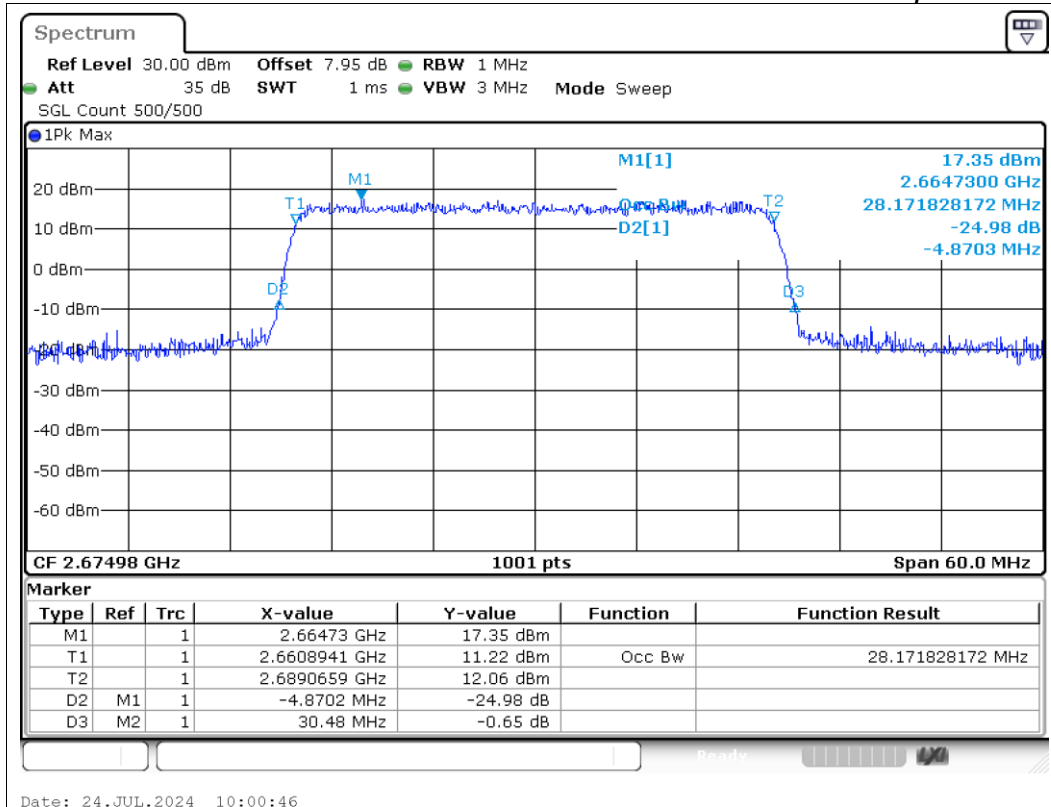
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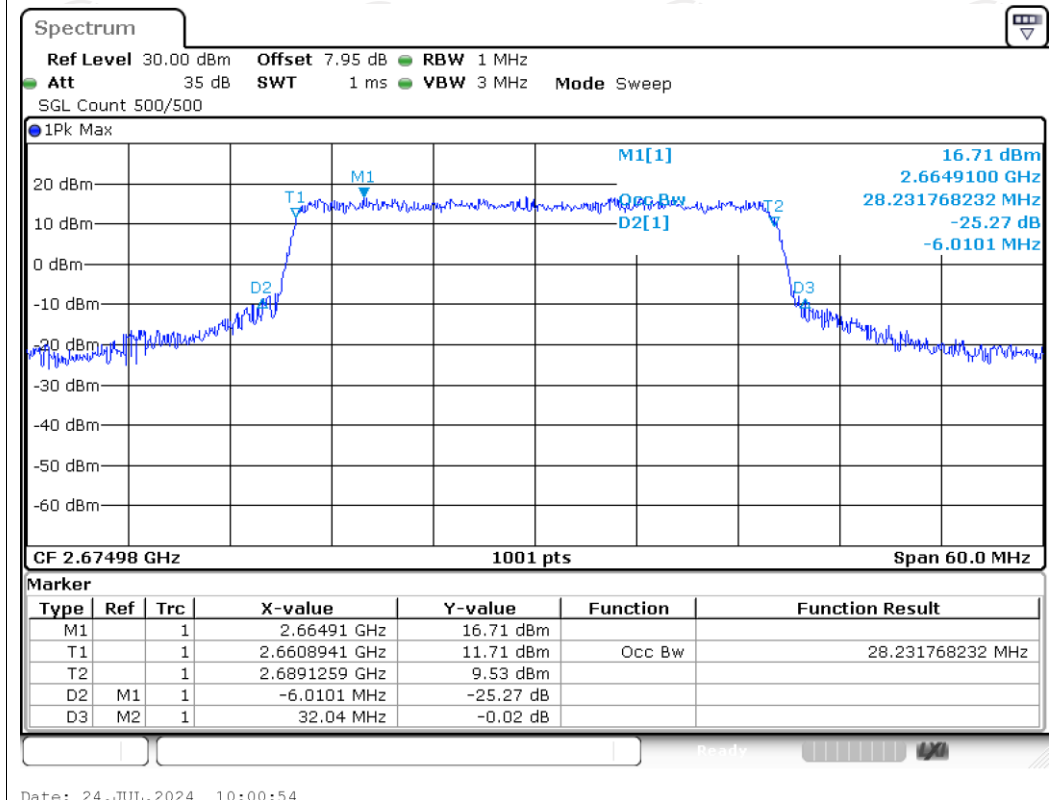
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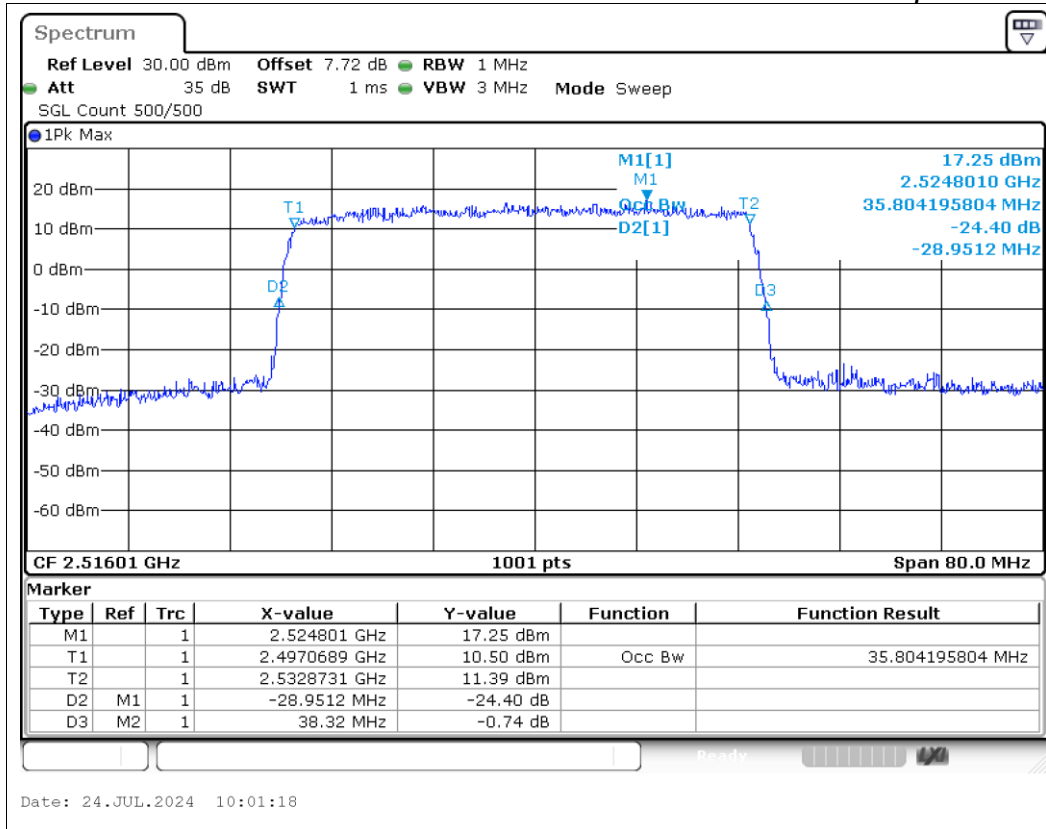
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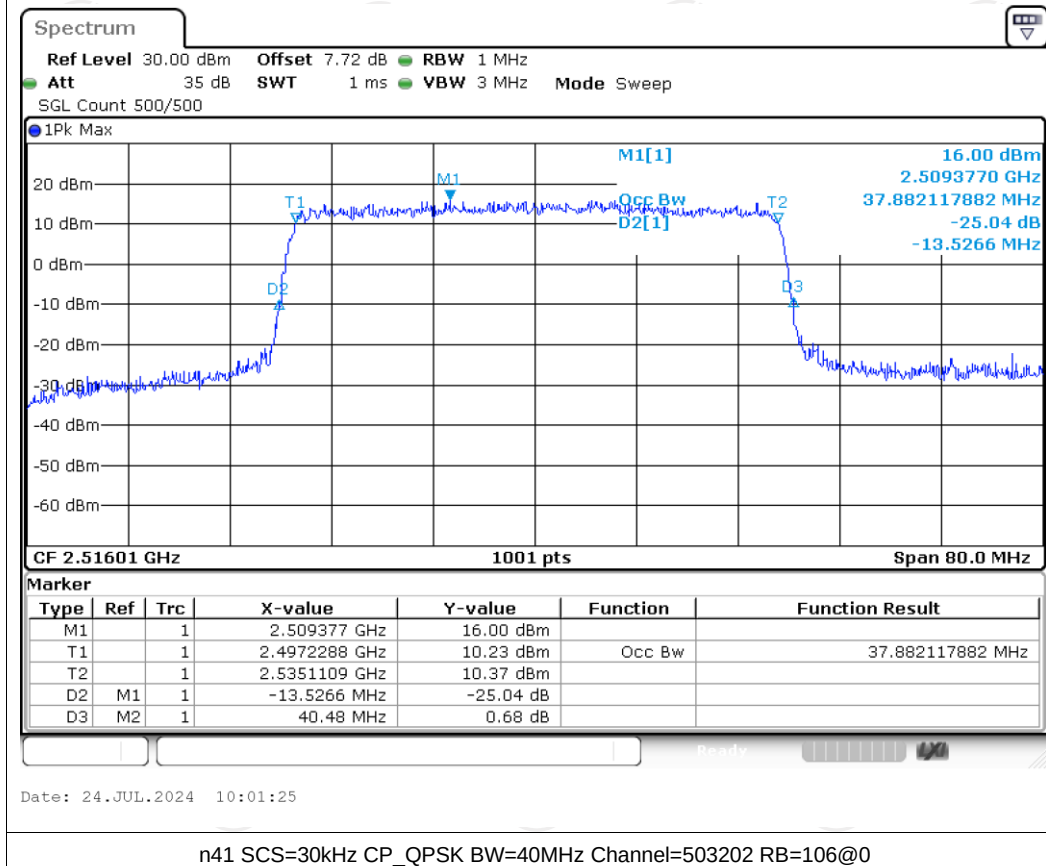
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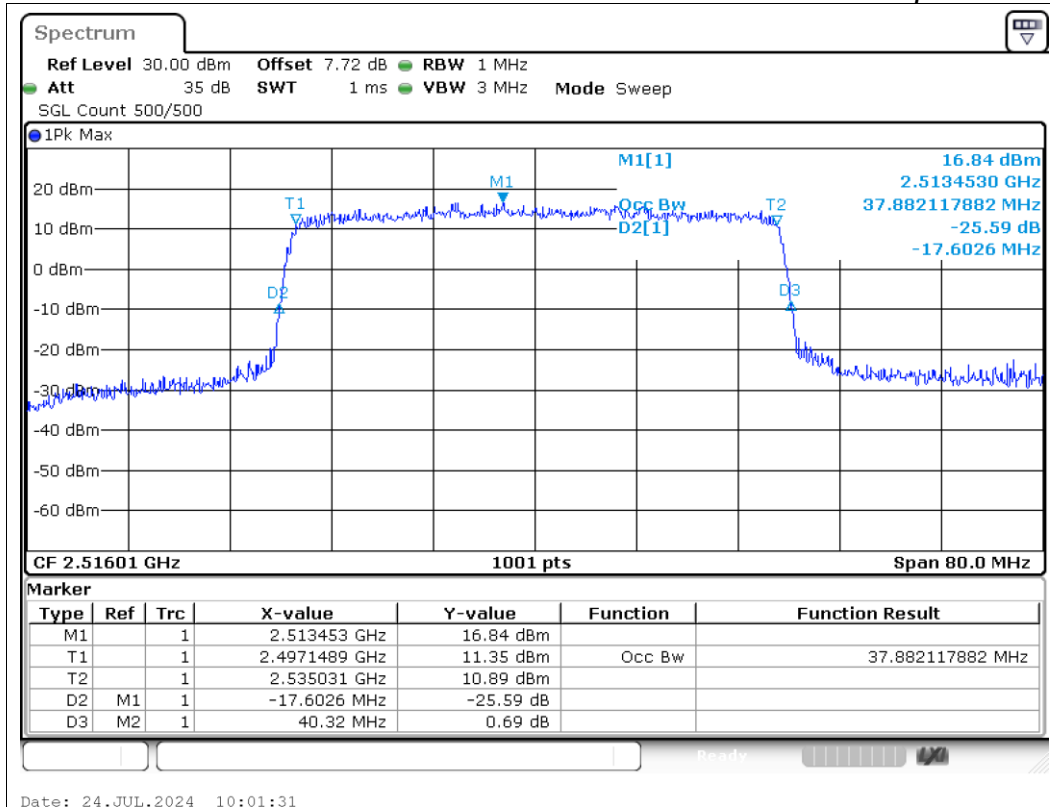
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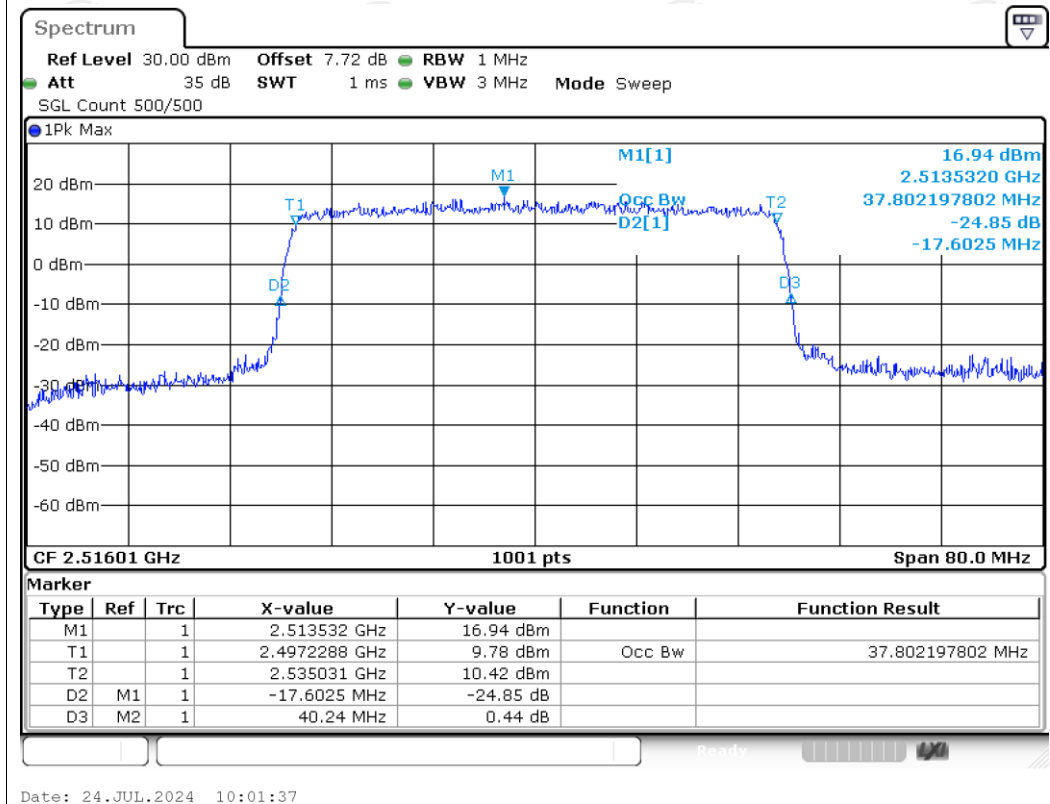
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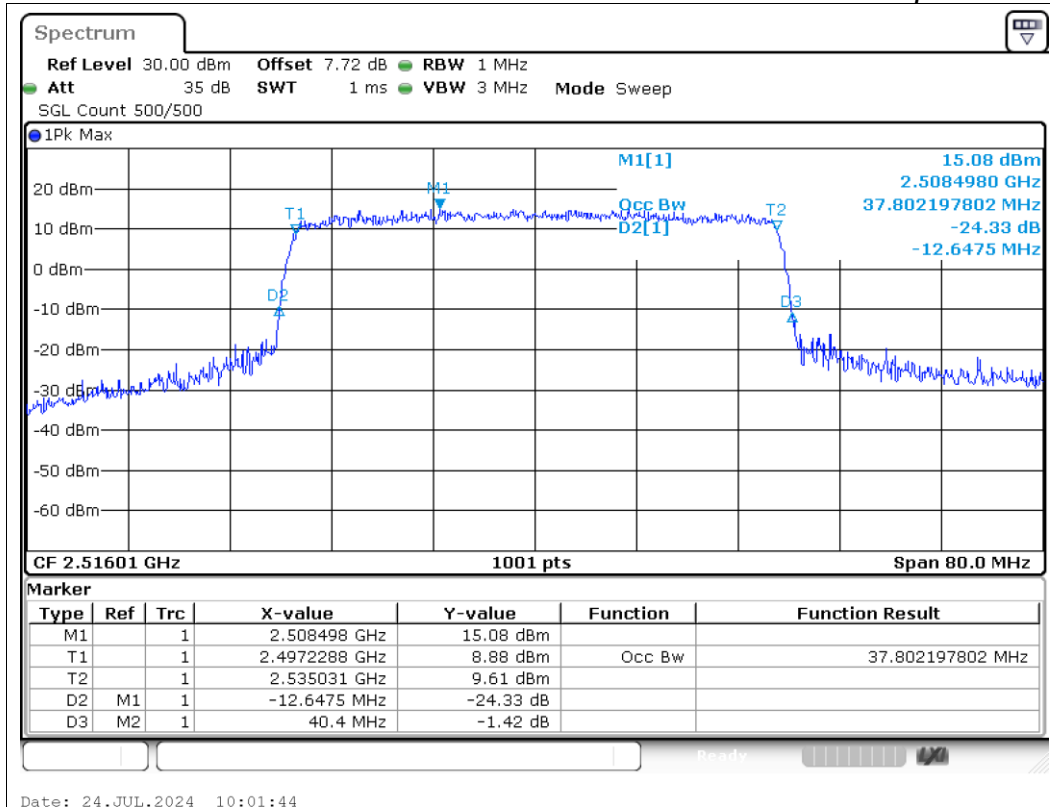
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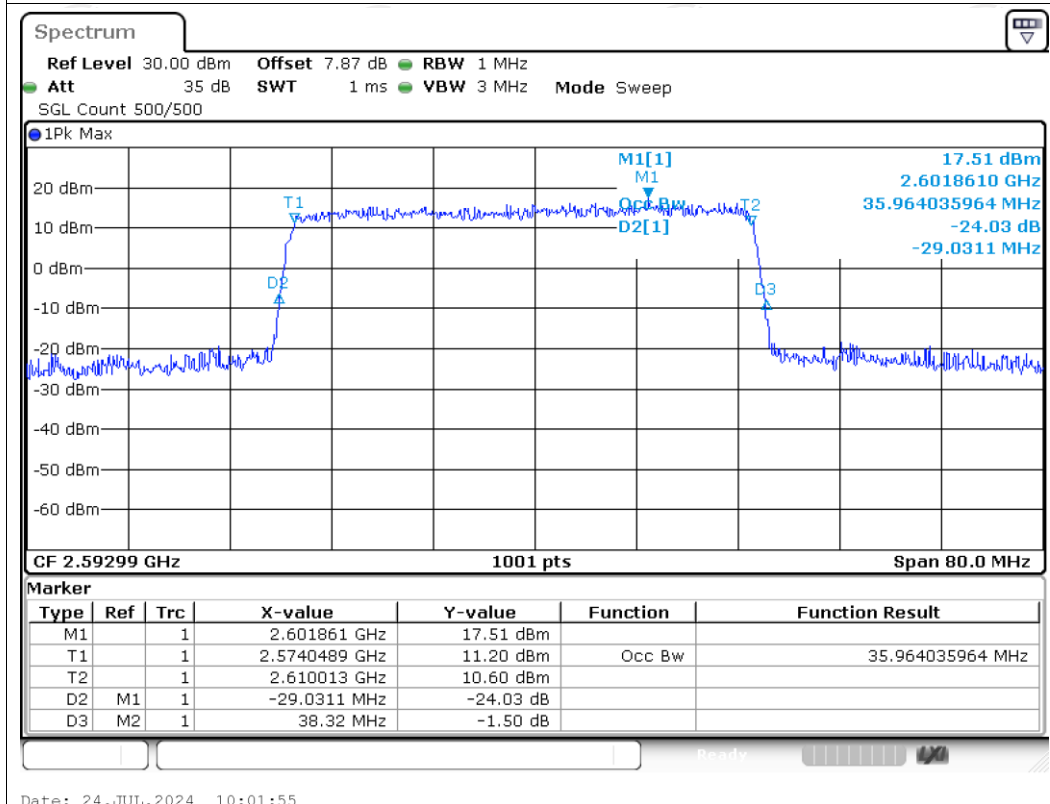
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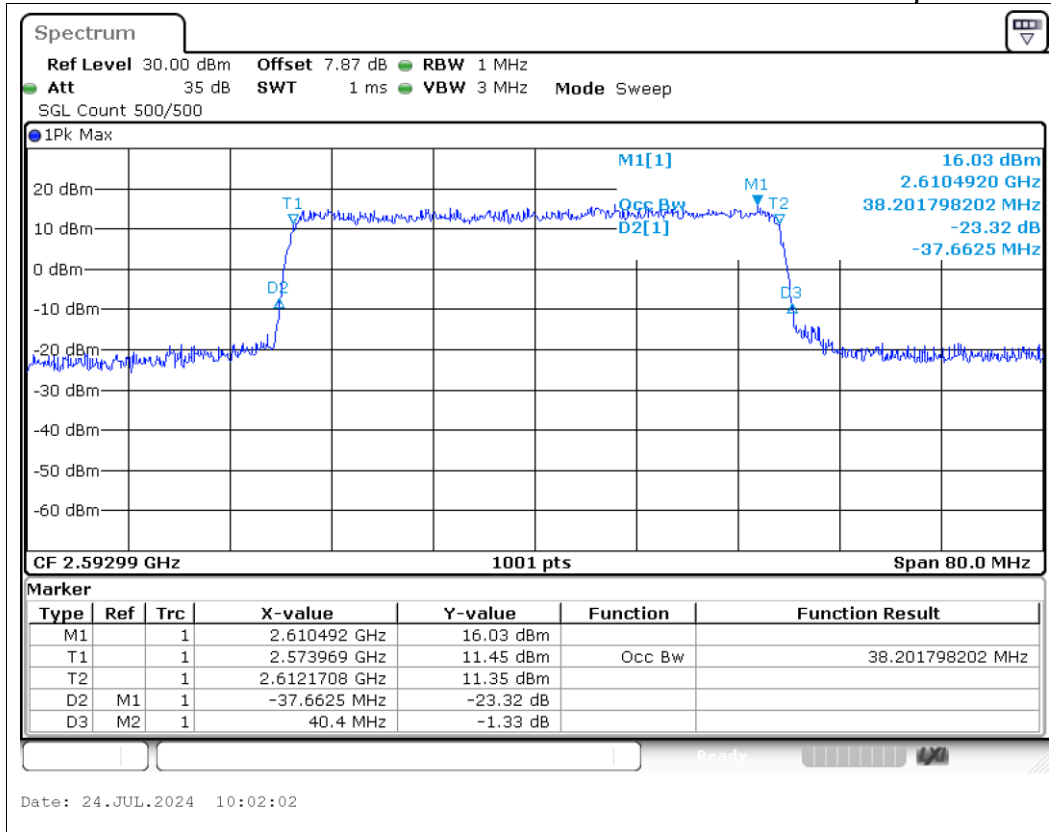
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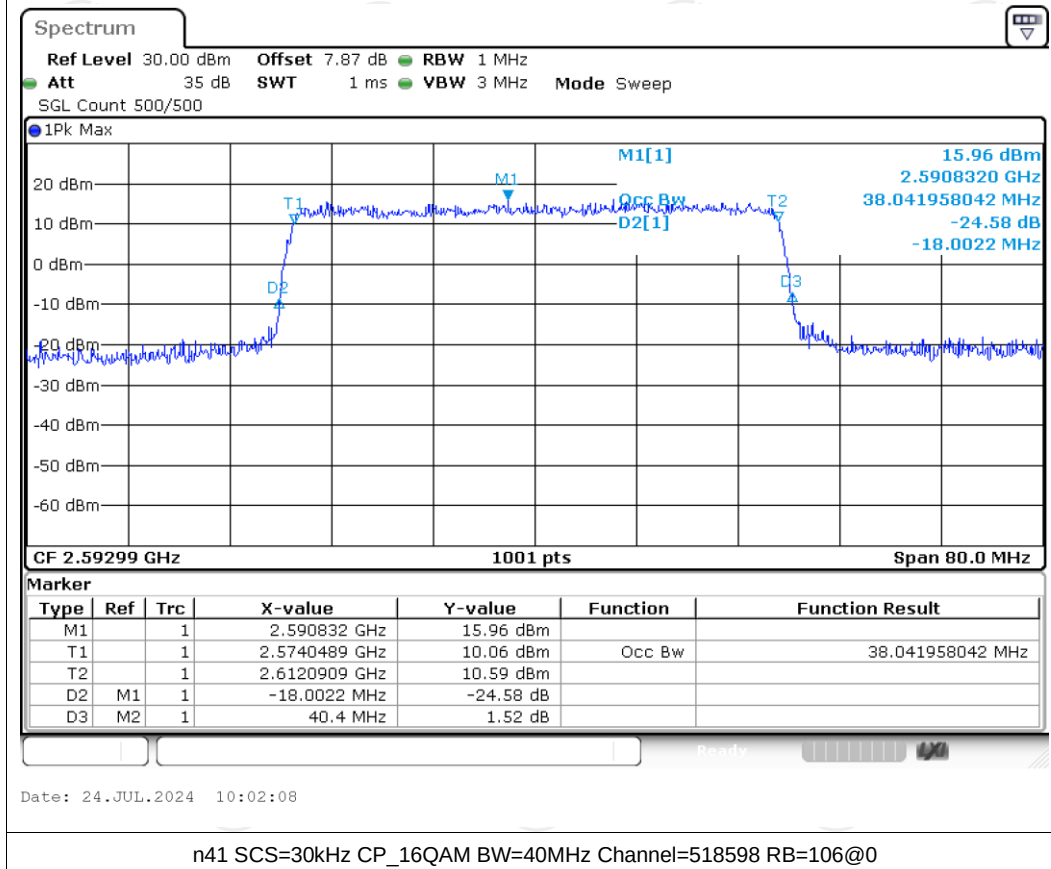
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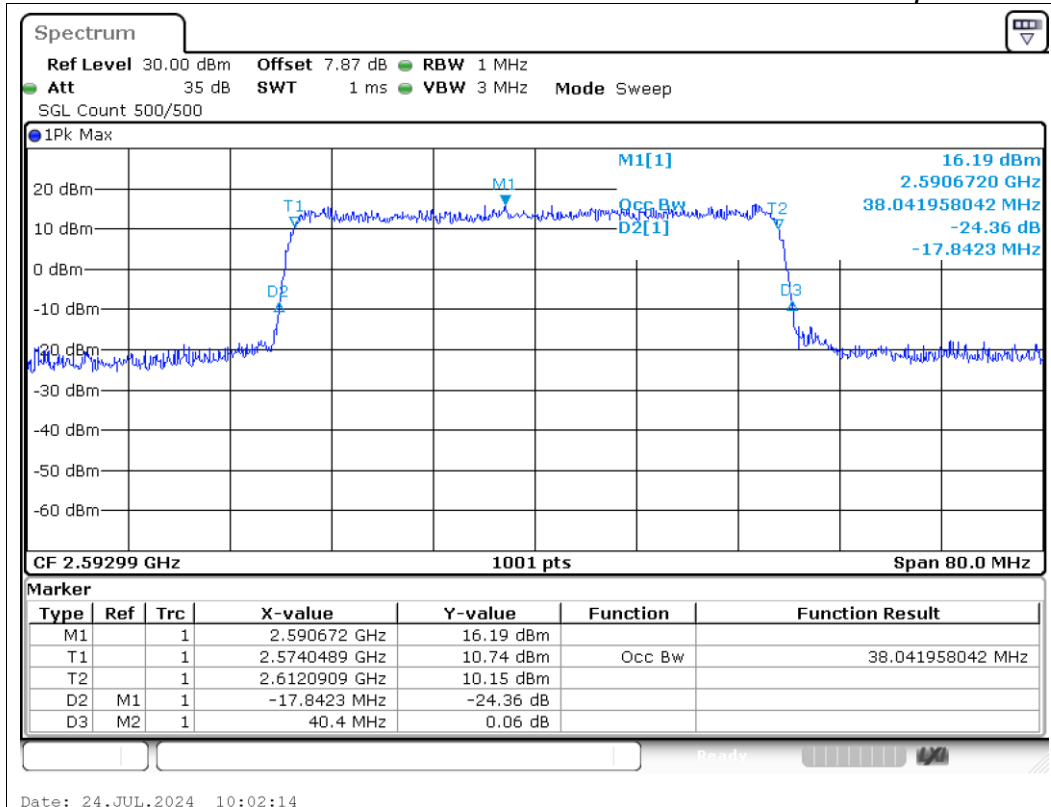
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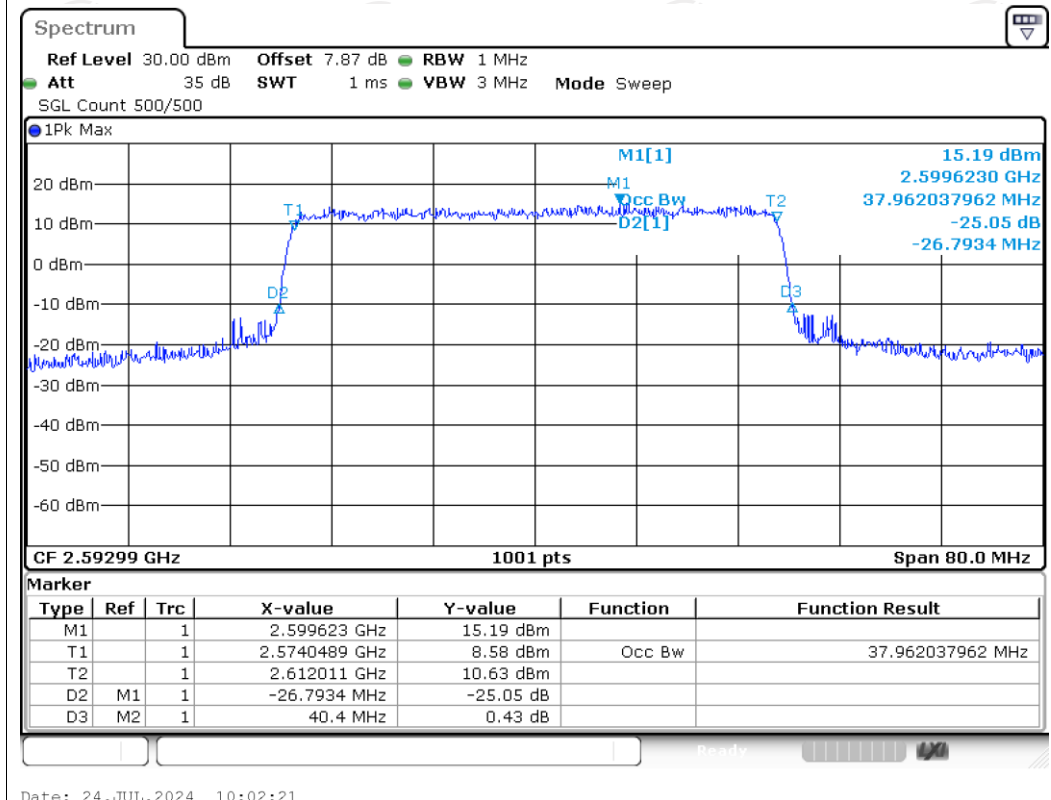
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n41 SCS=30kHz CP_16QAM BW=40MHz Channel=518598 RB=106@0



n41 SCS=30kHz CP_64QAM BW=40MHz Channel=518598 RB=106@0



n41 SCS=30kHz CP_256QAM BW=40MHz Channel=518598 RB=106@0