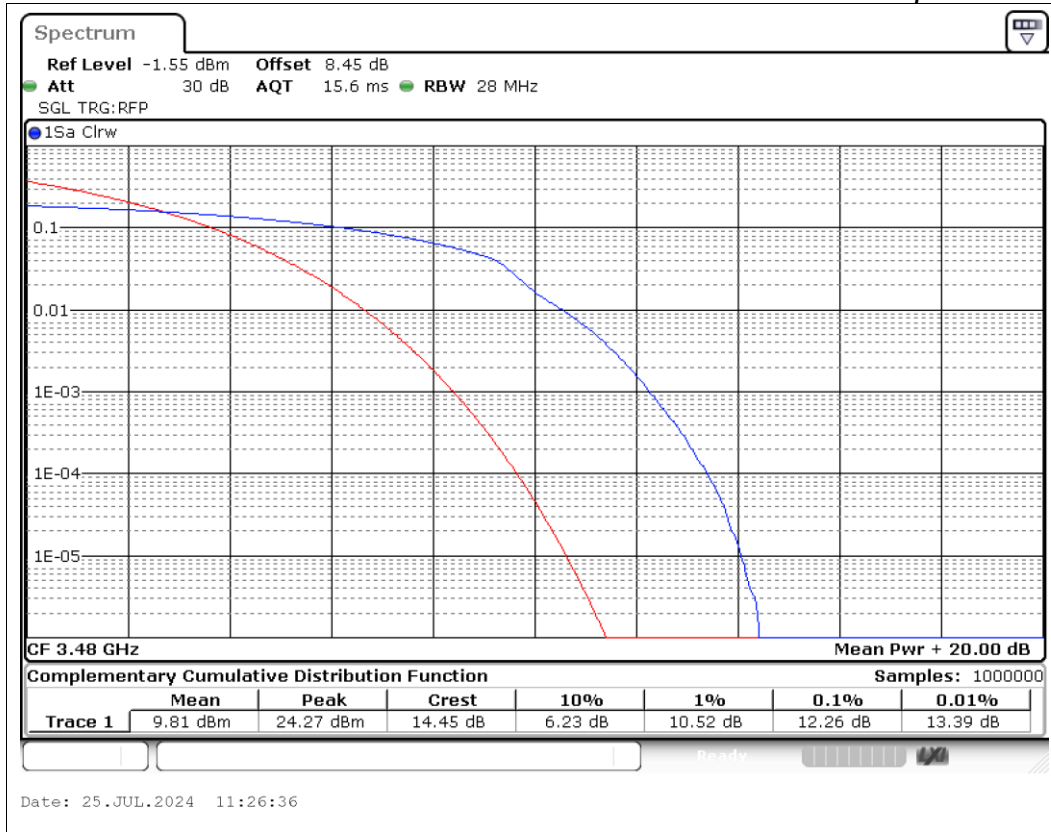
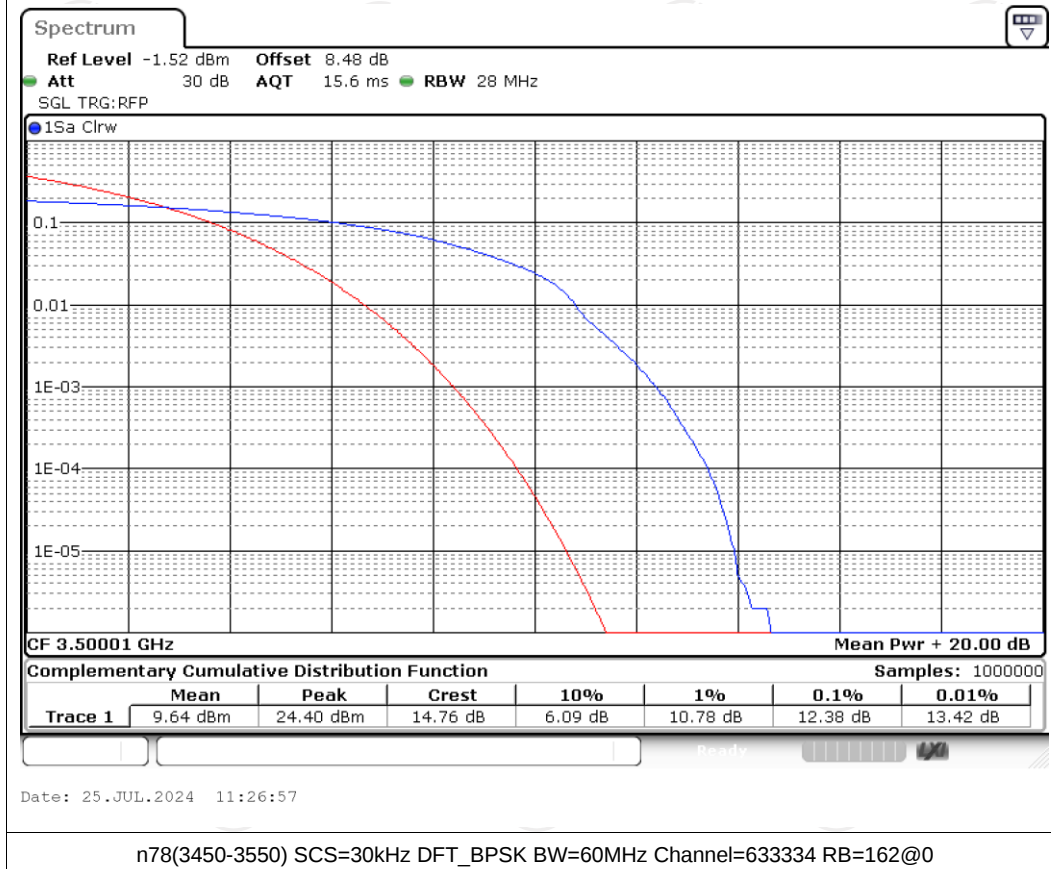
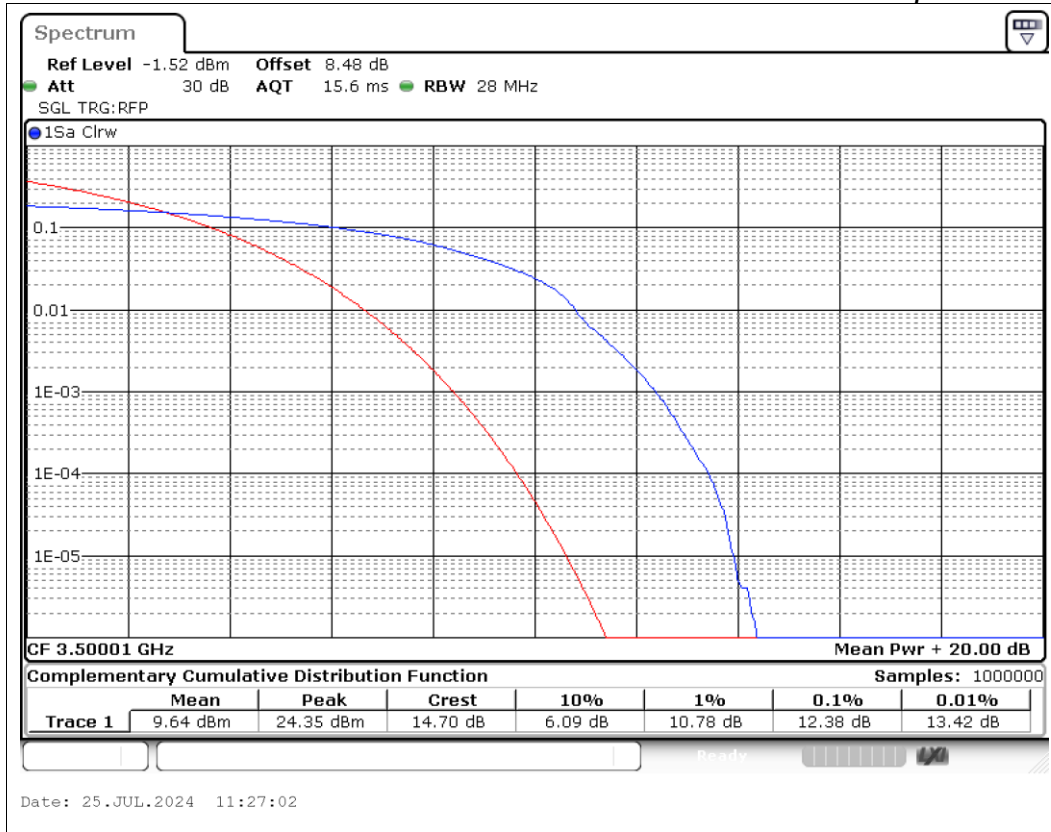




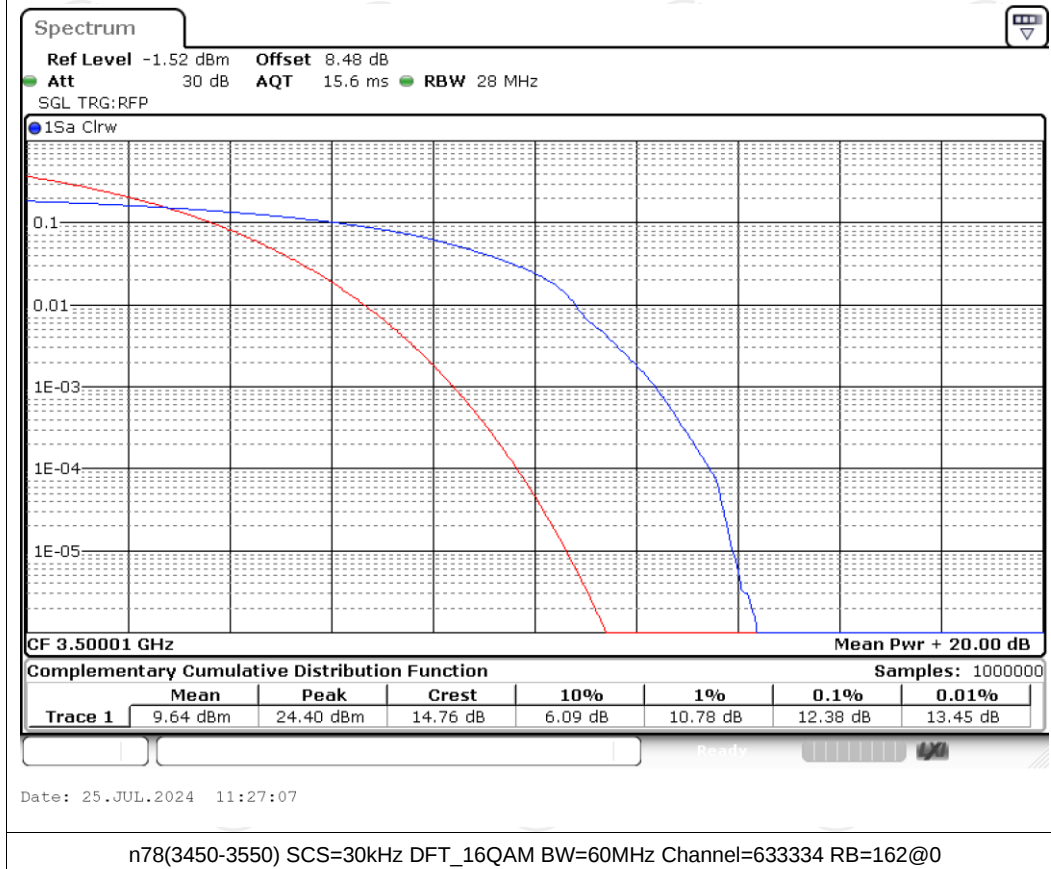
n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz Channel=632000 RB=162@0



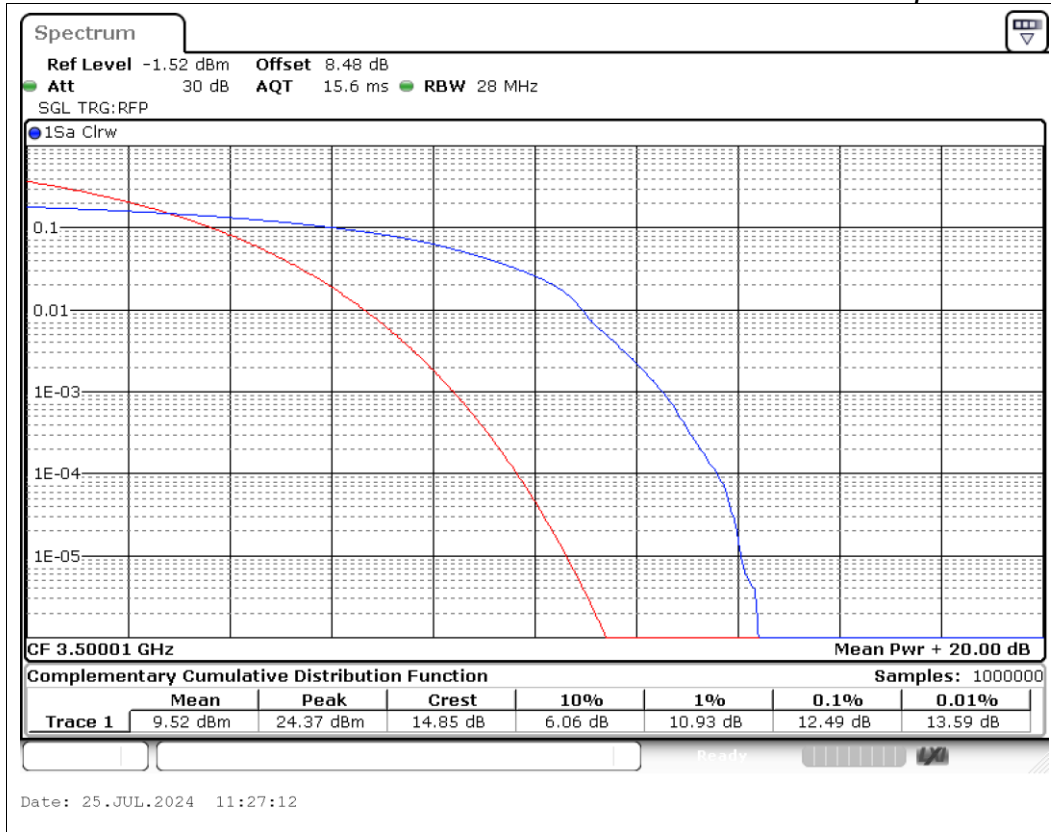
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



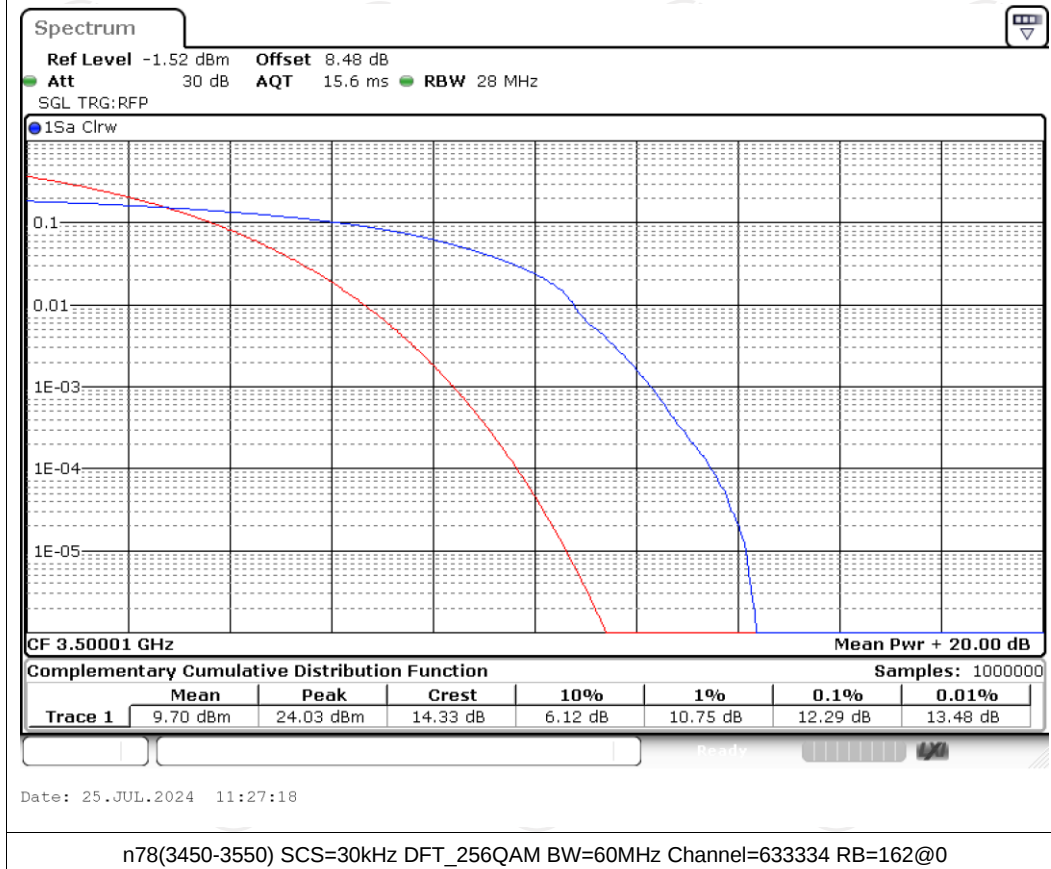
n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



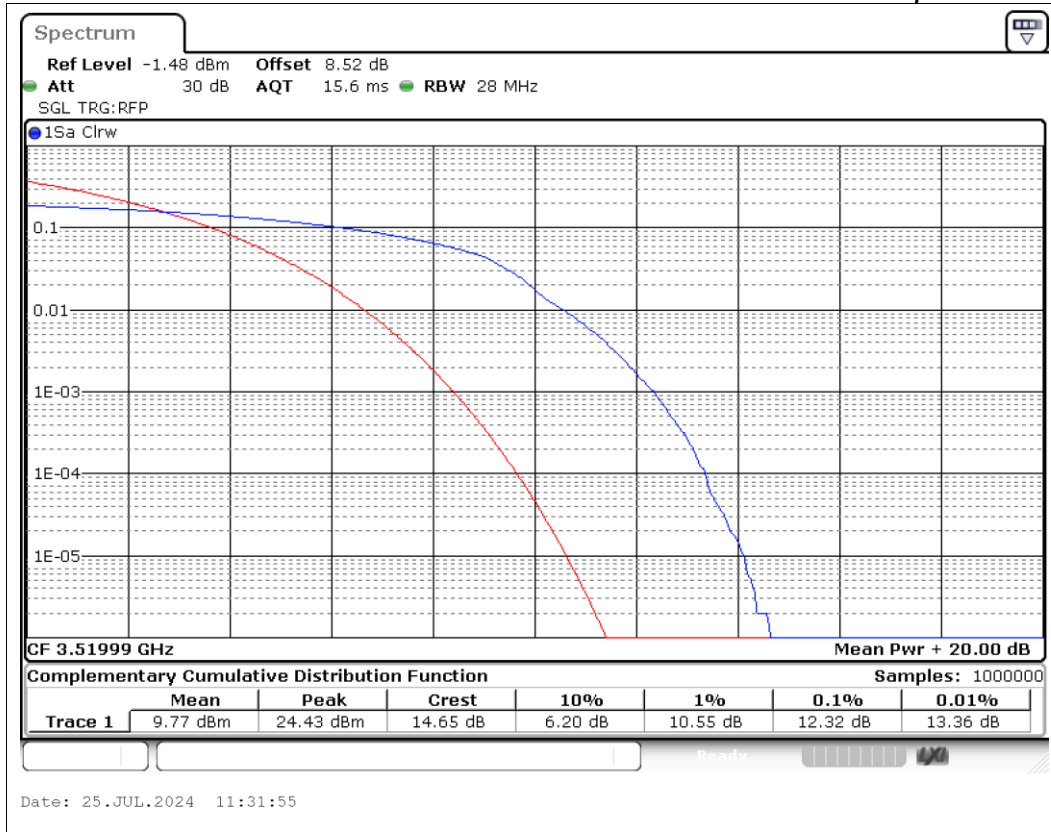
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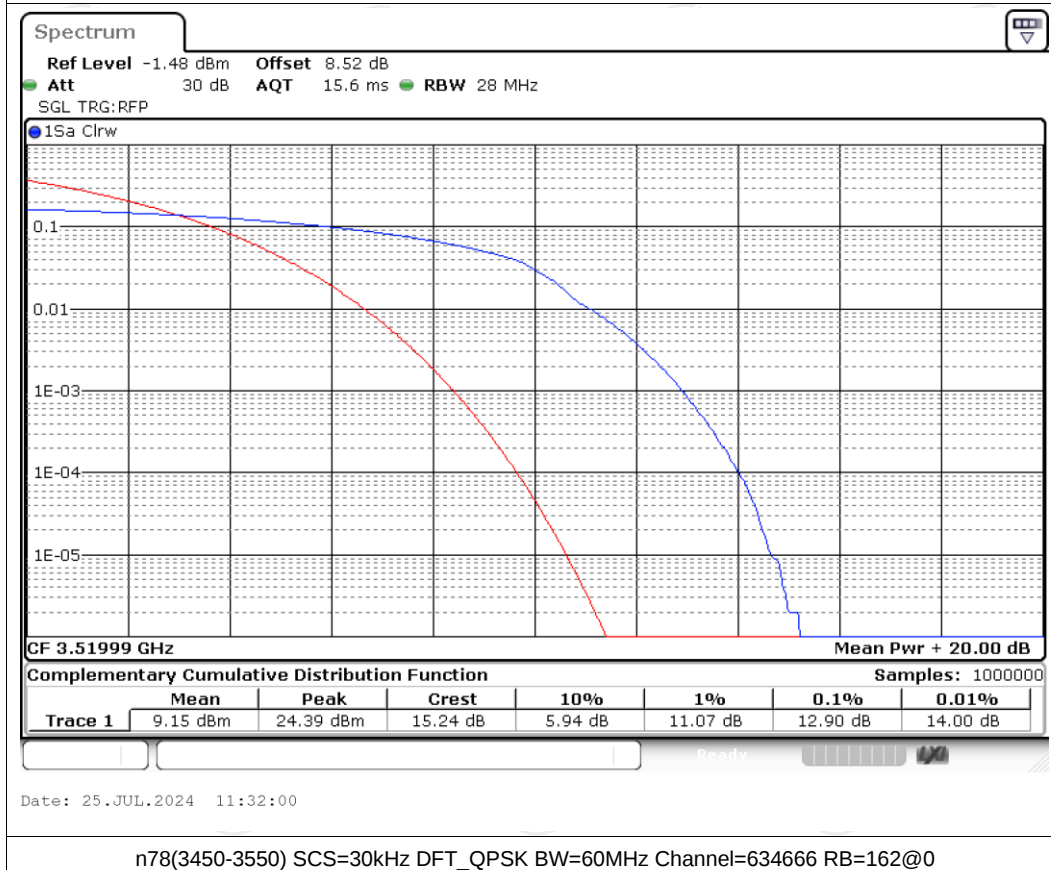
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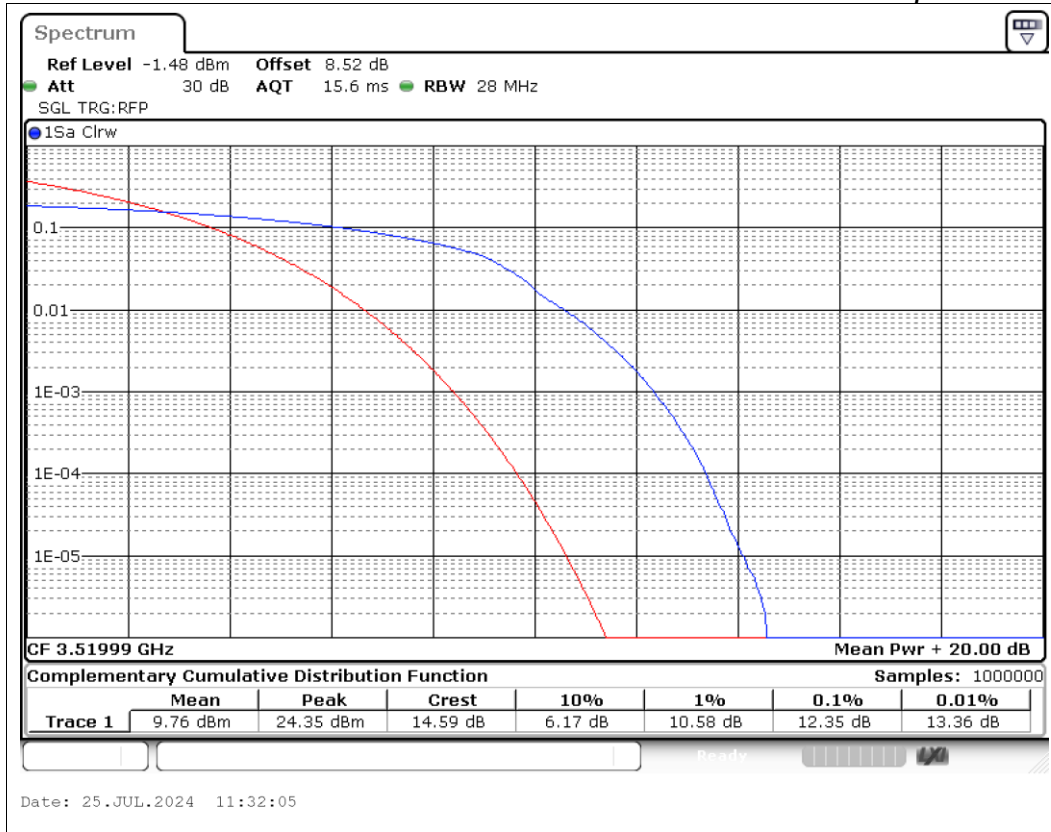
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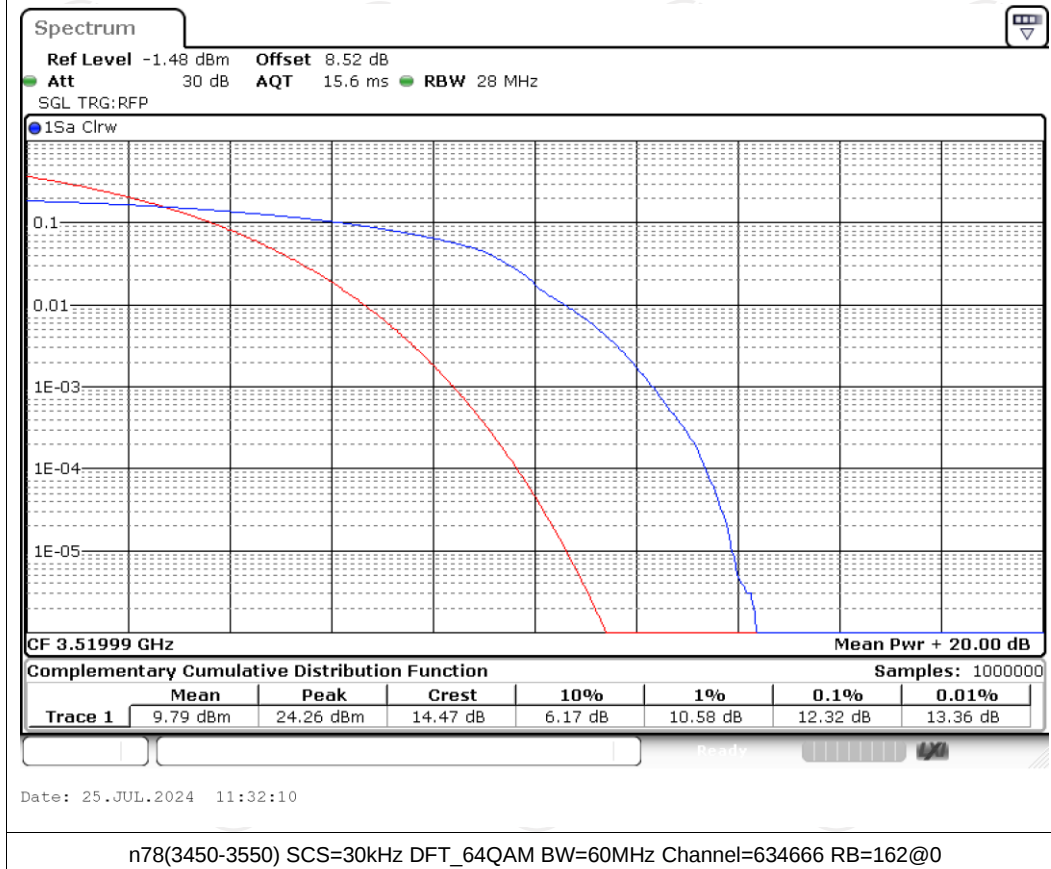
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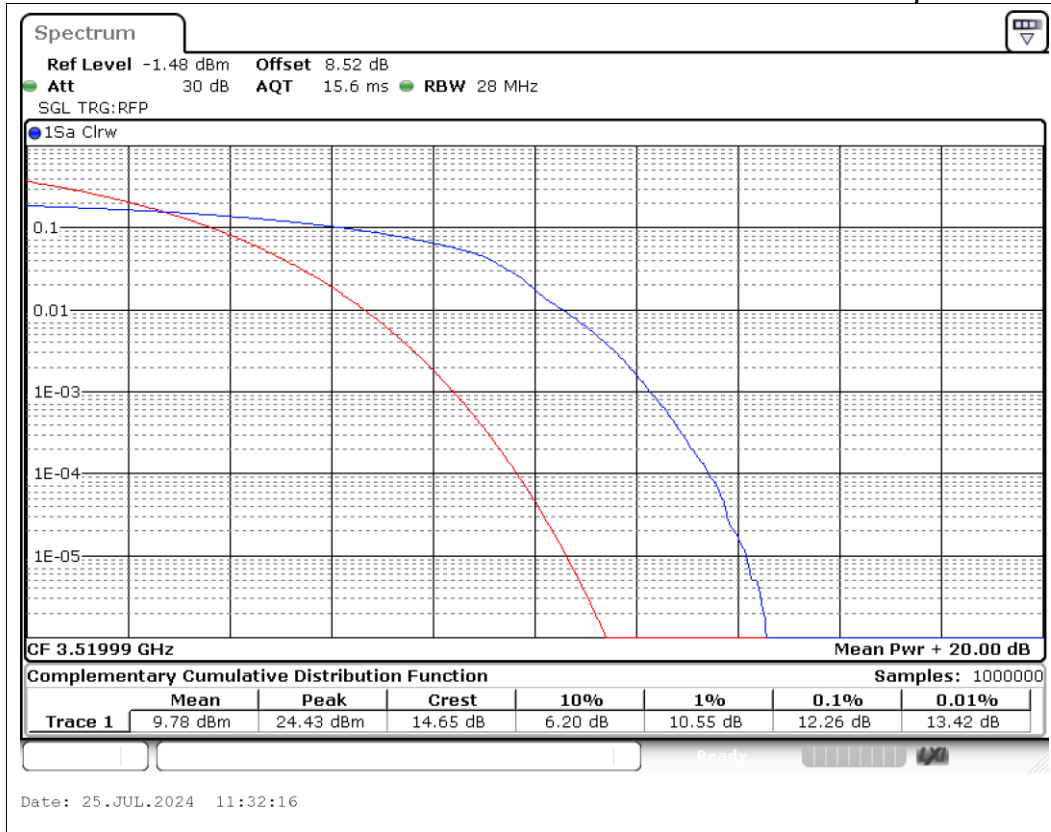
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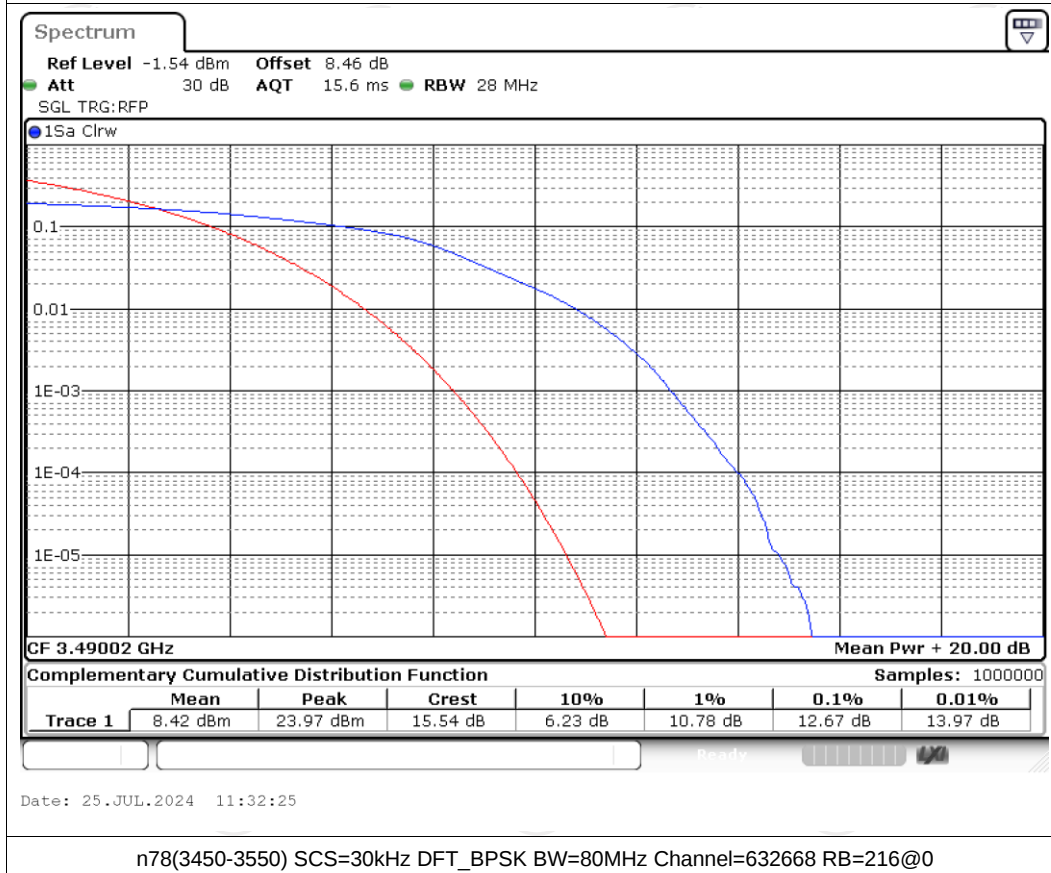
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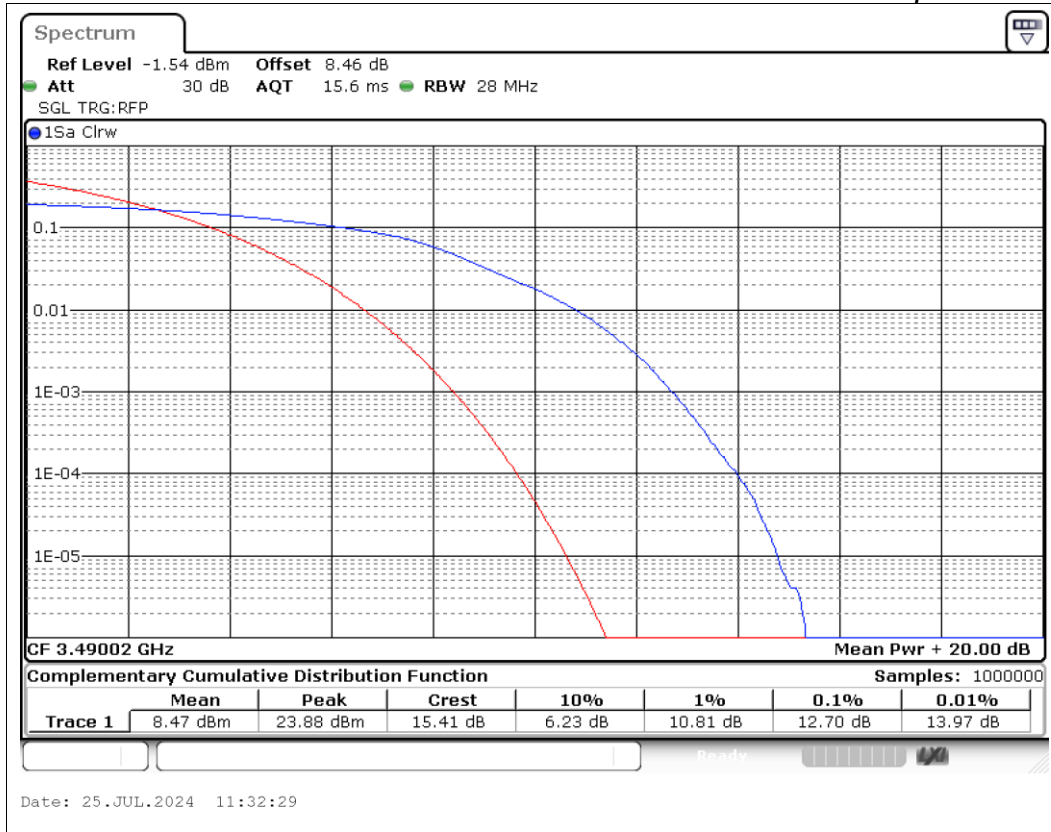
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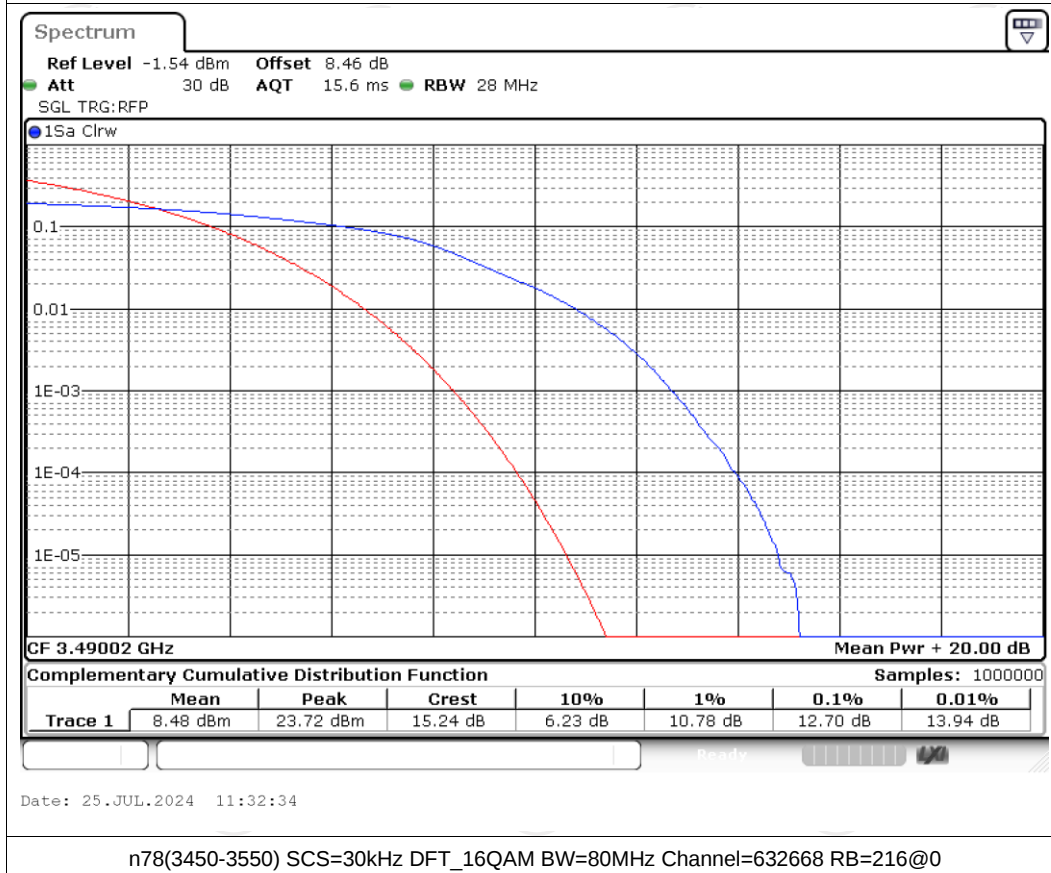
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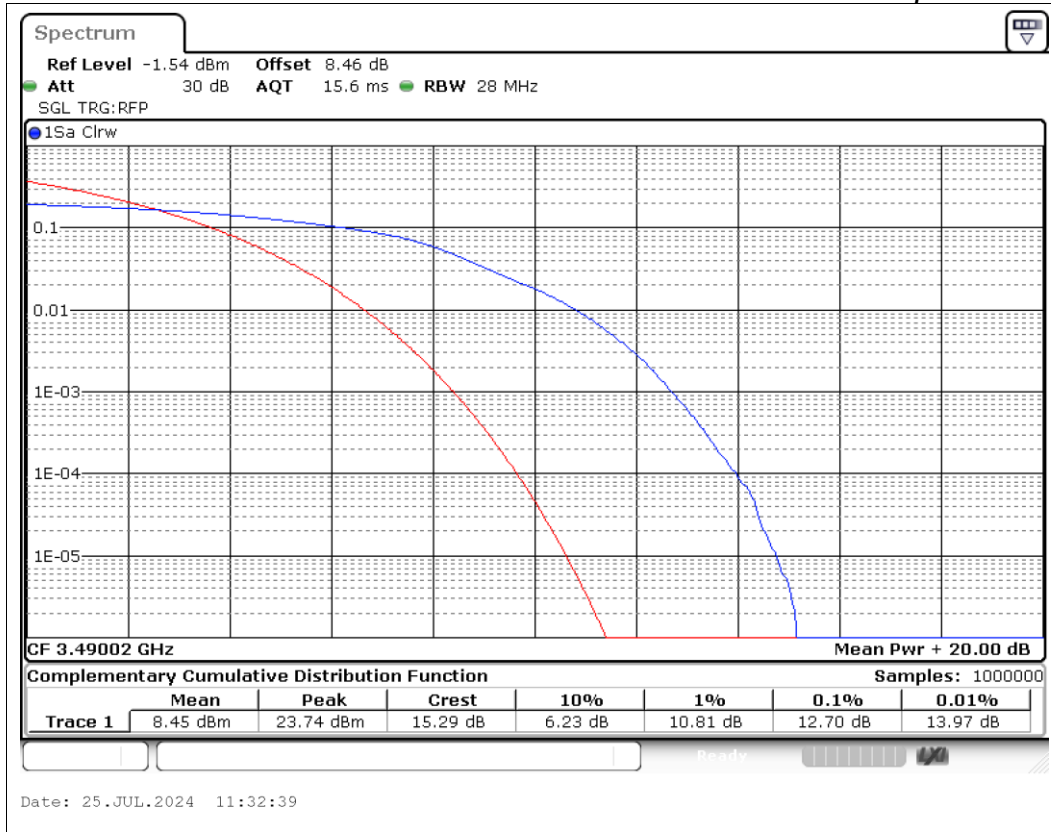
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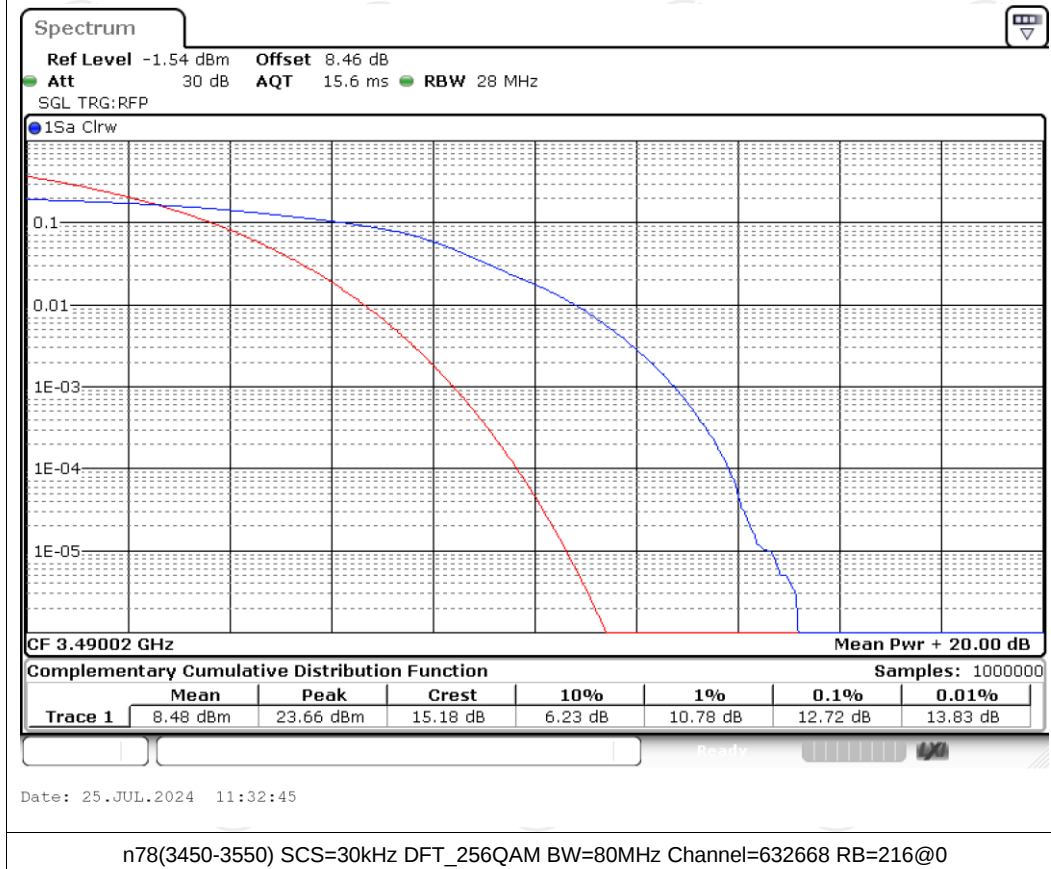
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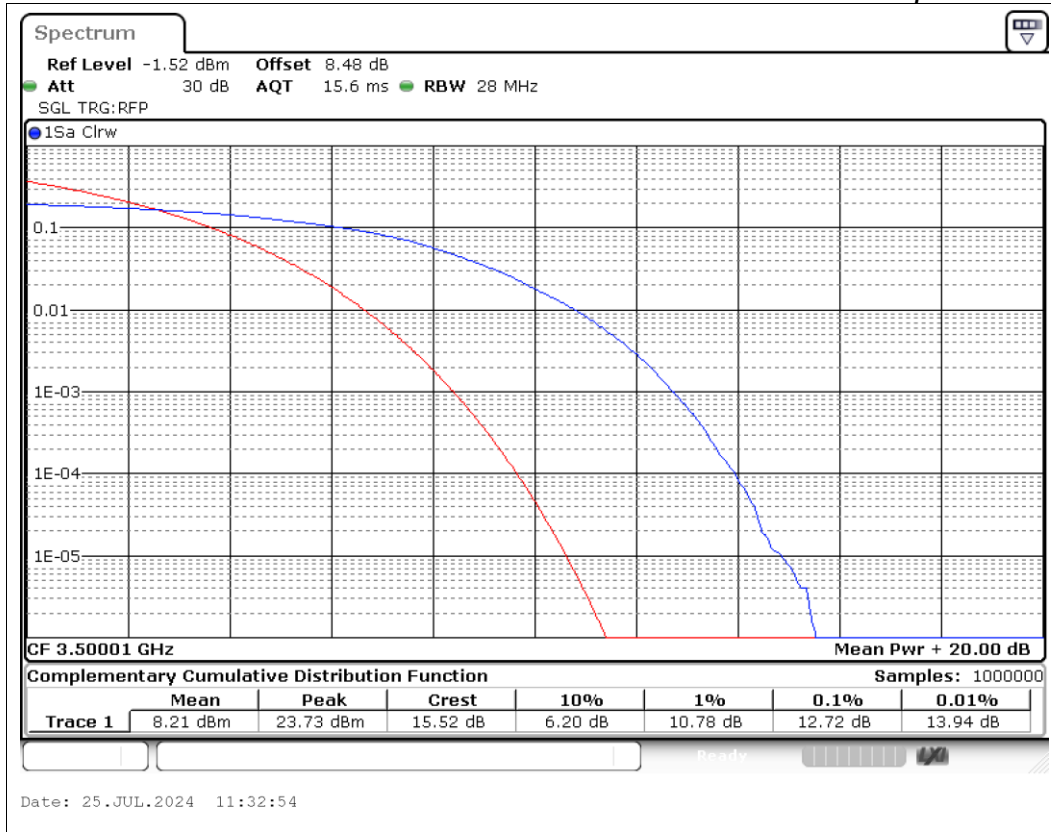
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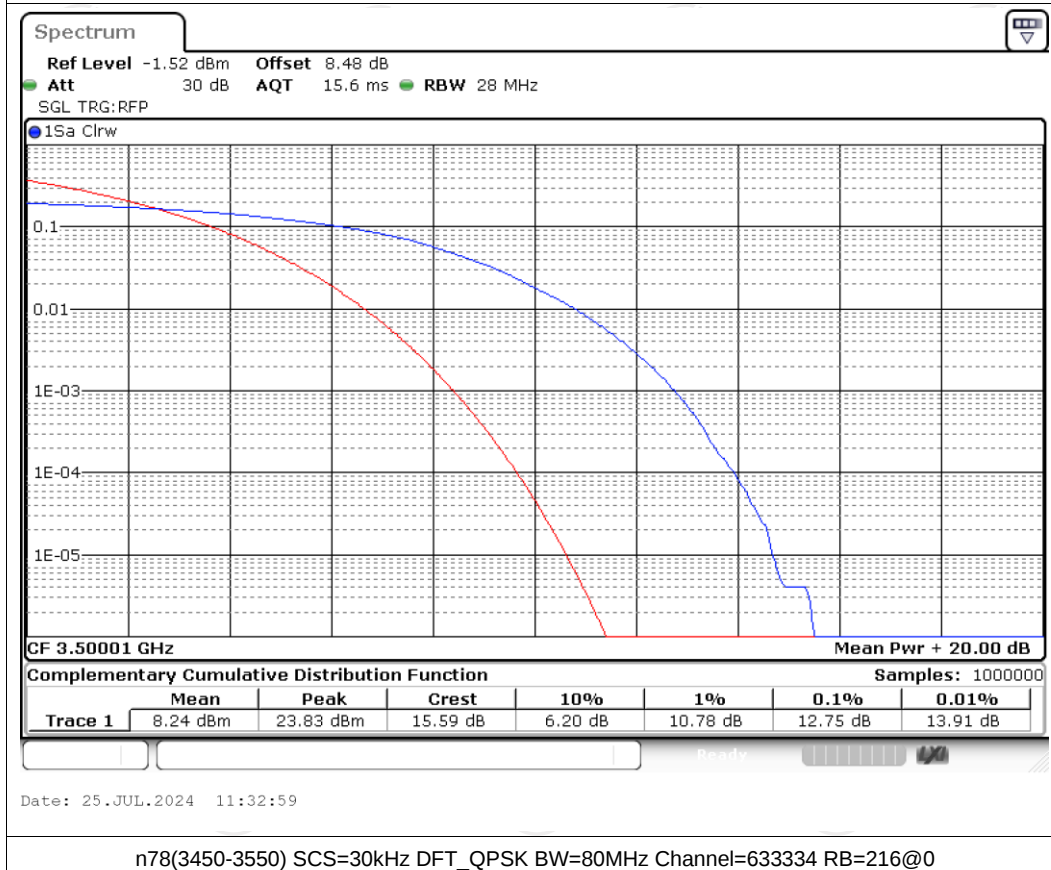
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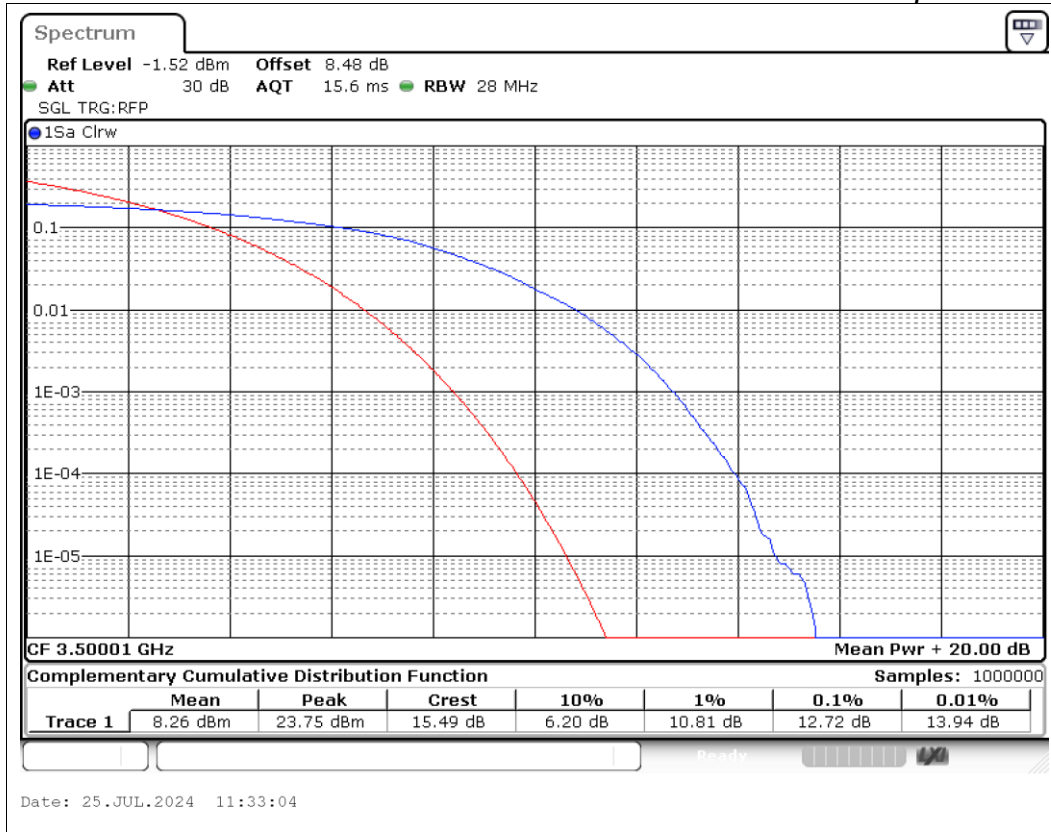
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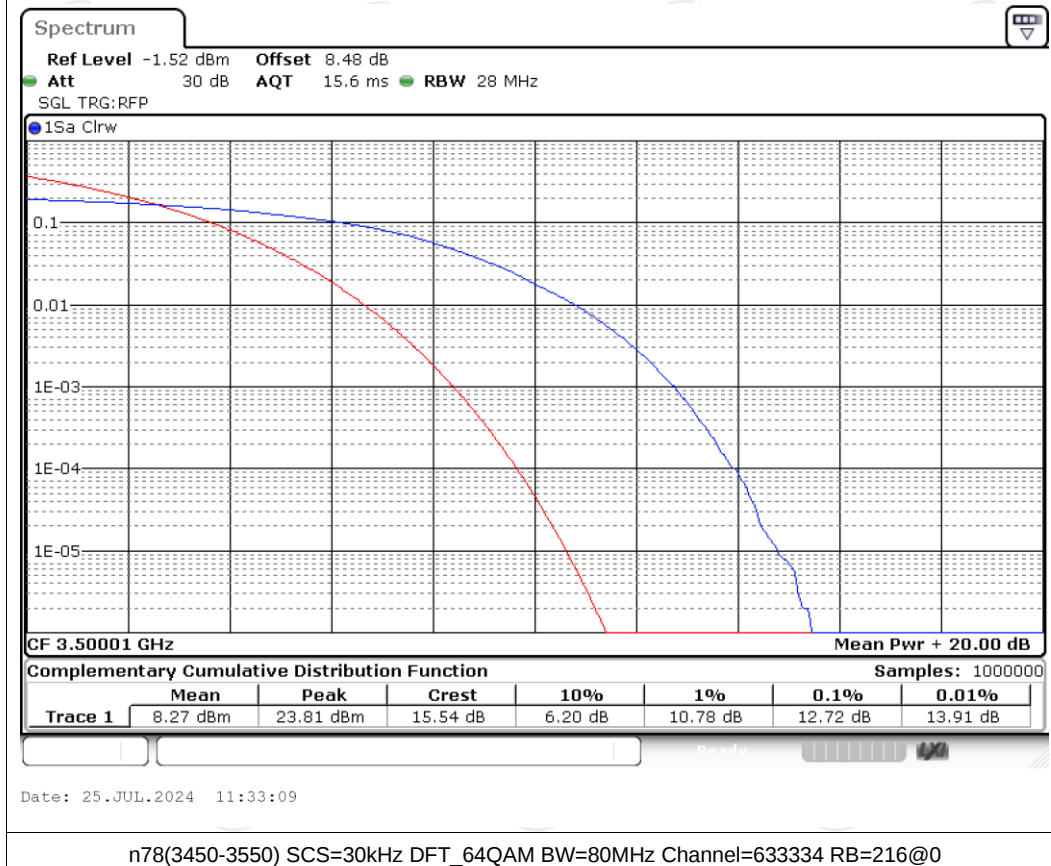
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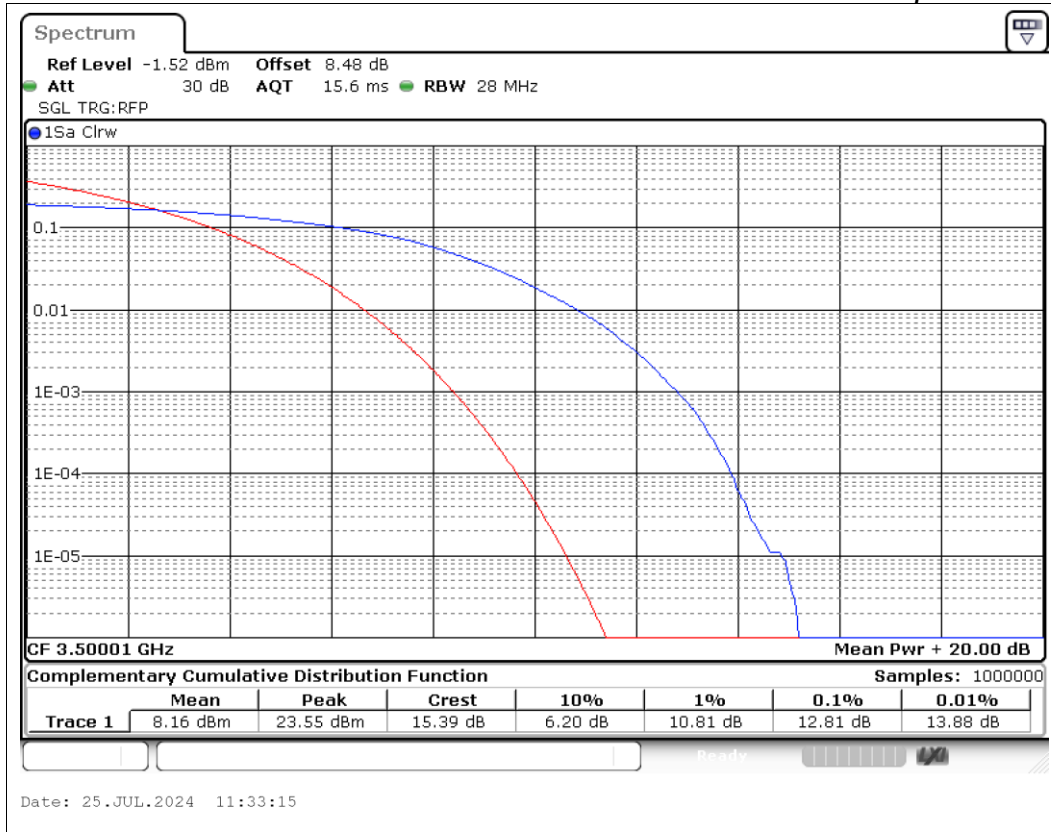
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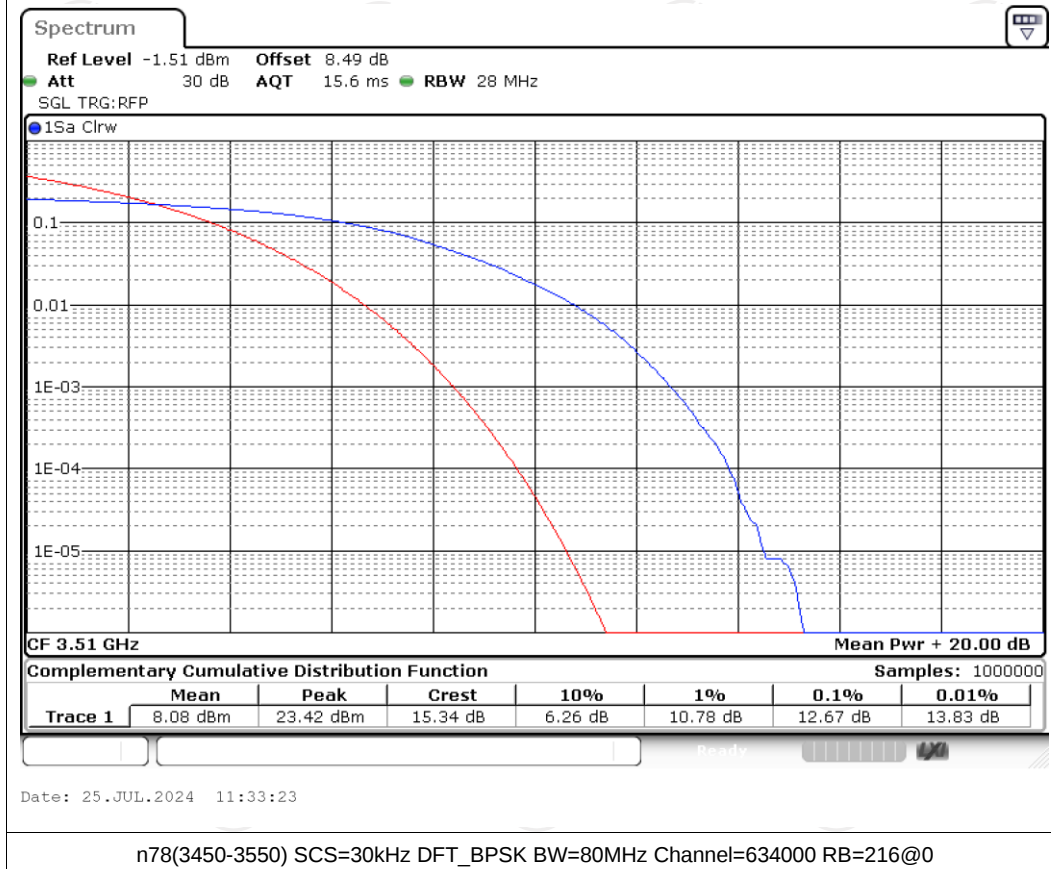
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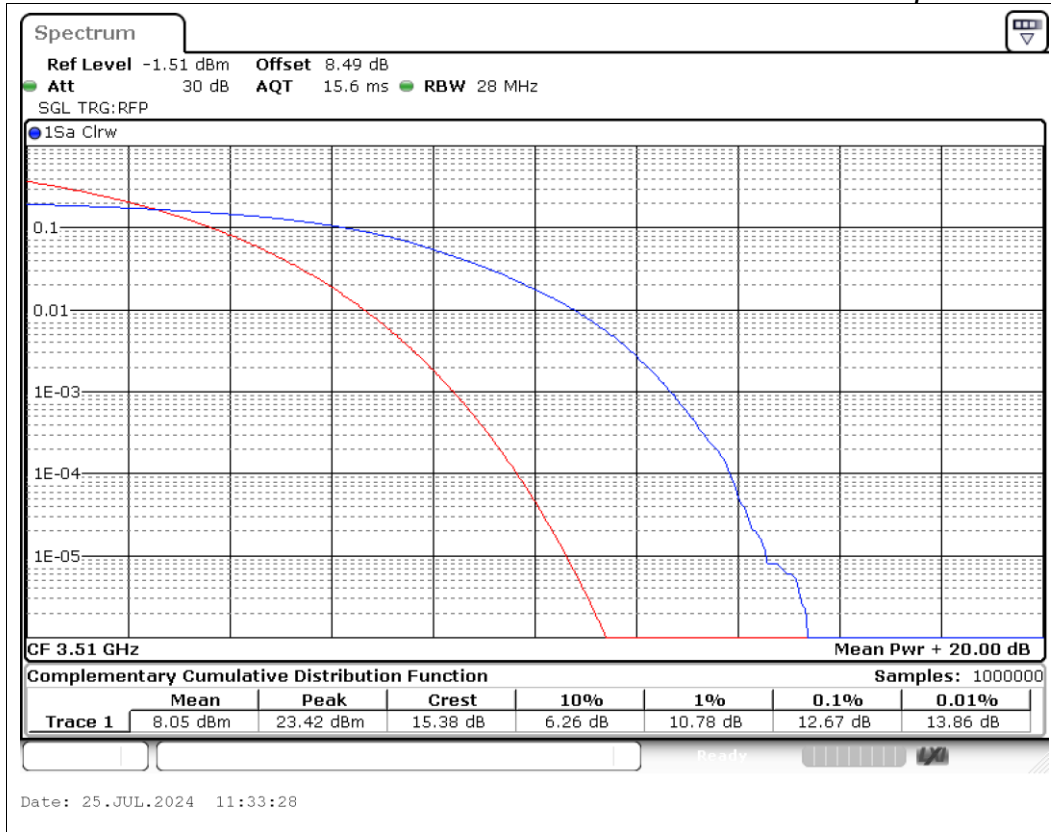
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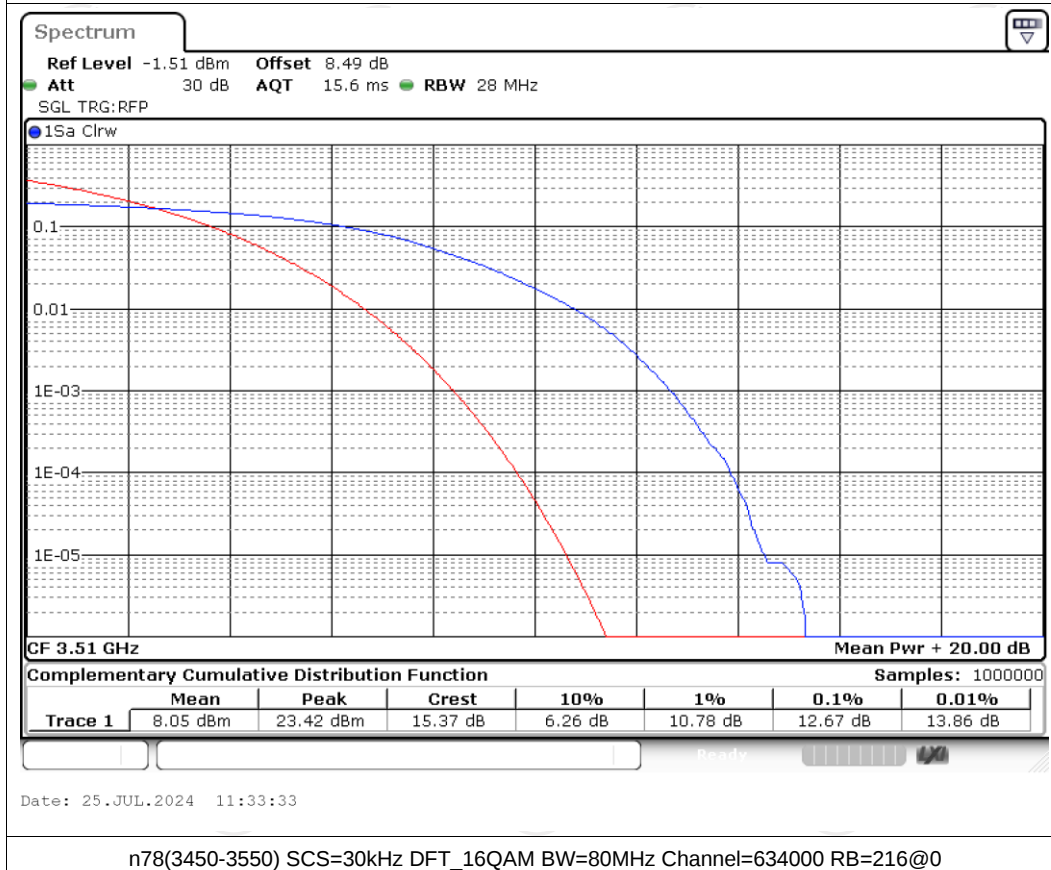
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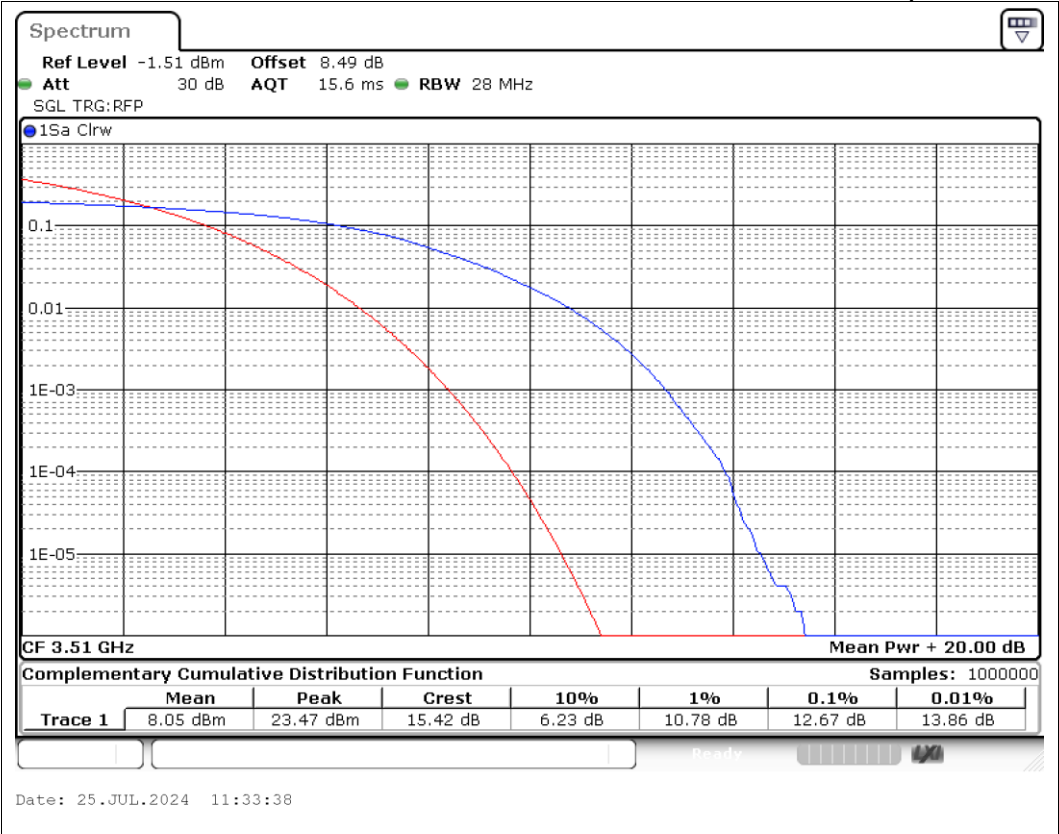
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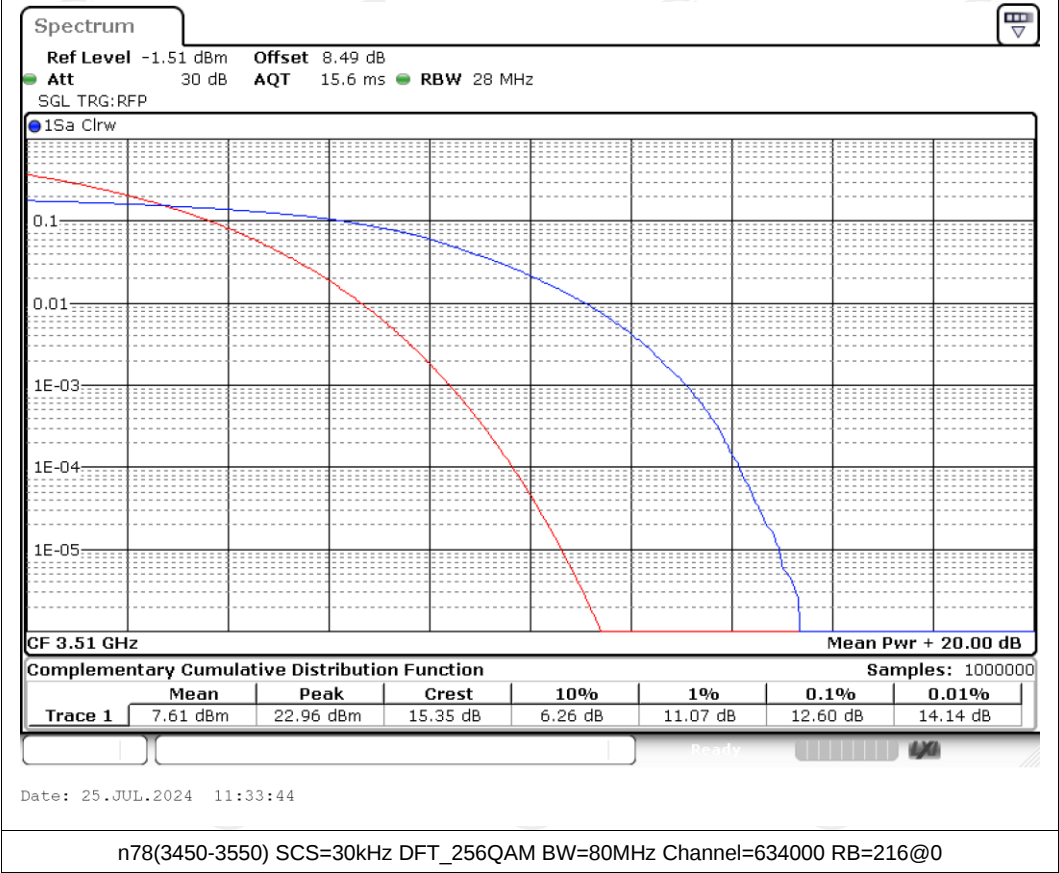
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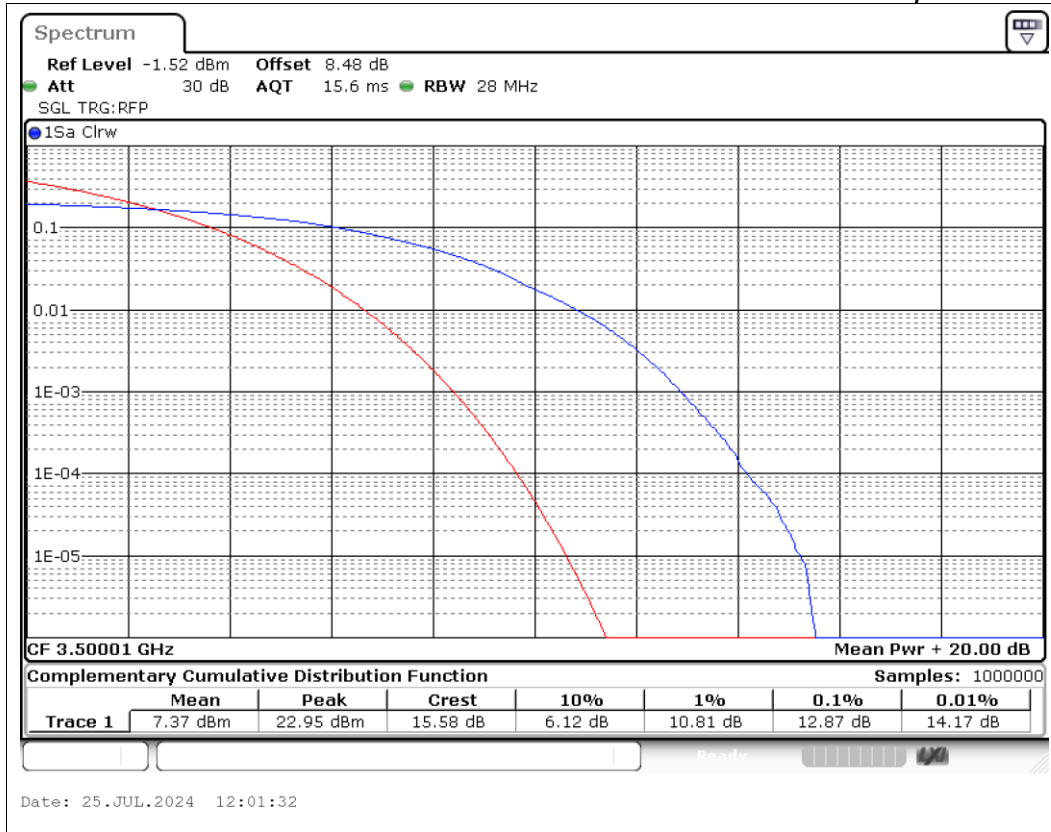


n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz Channel=634000 RB=216@0

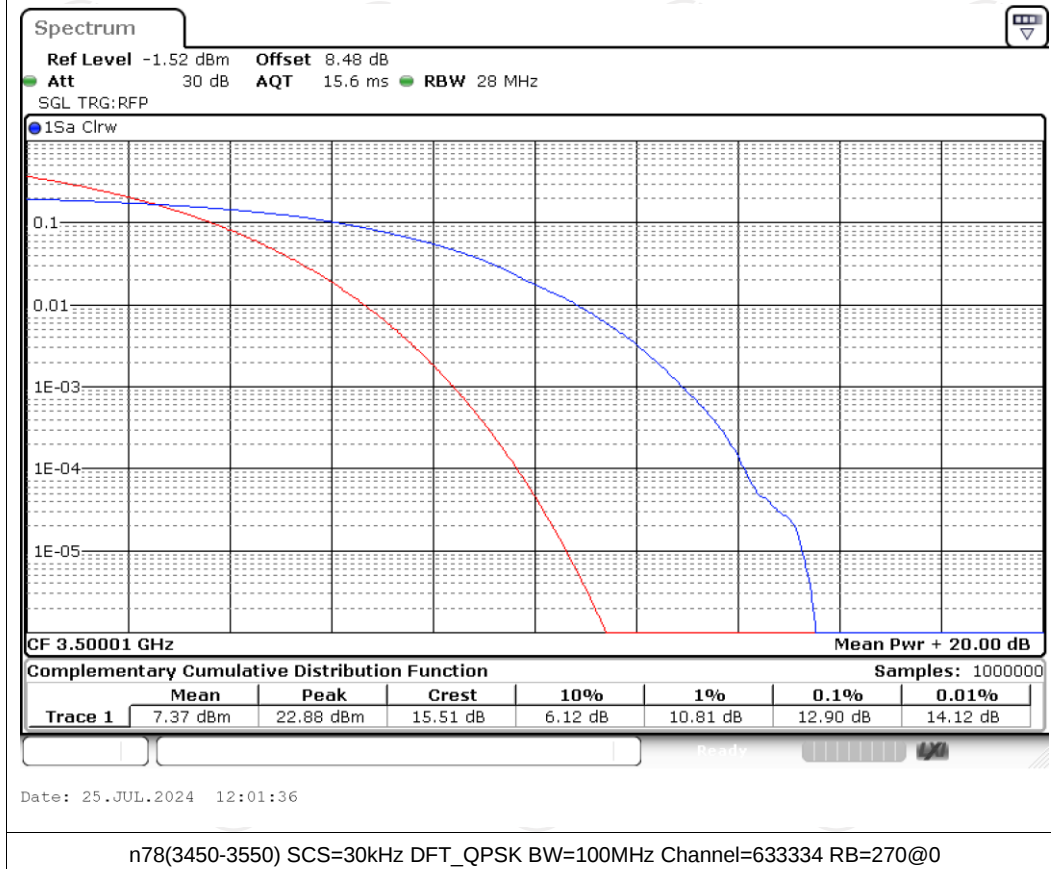


n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz Channel=634000 RB=216@0

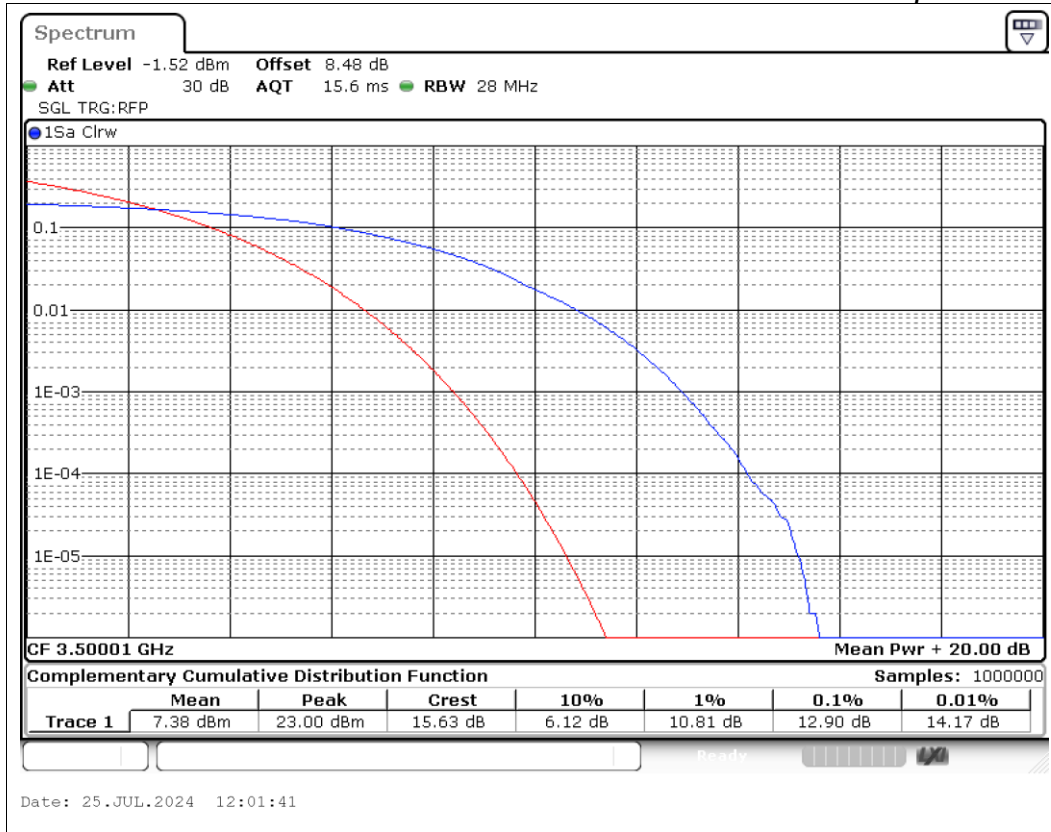




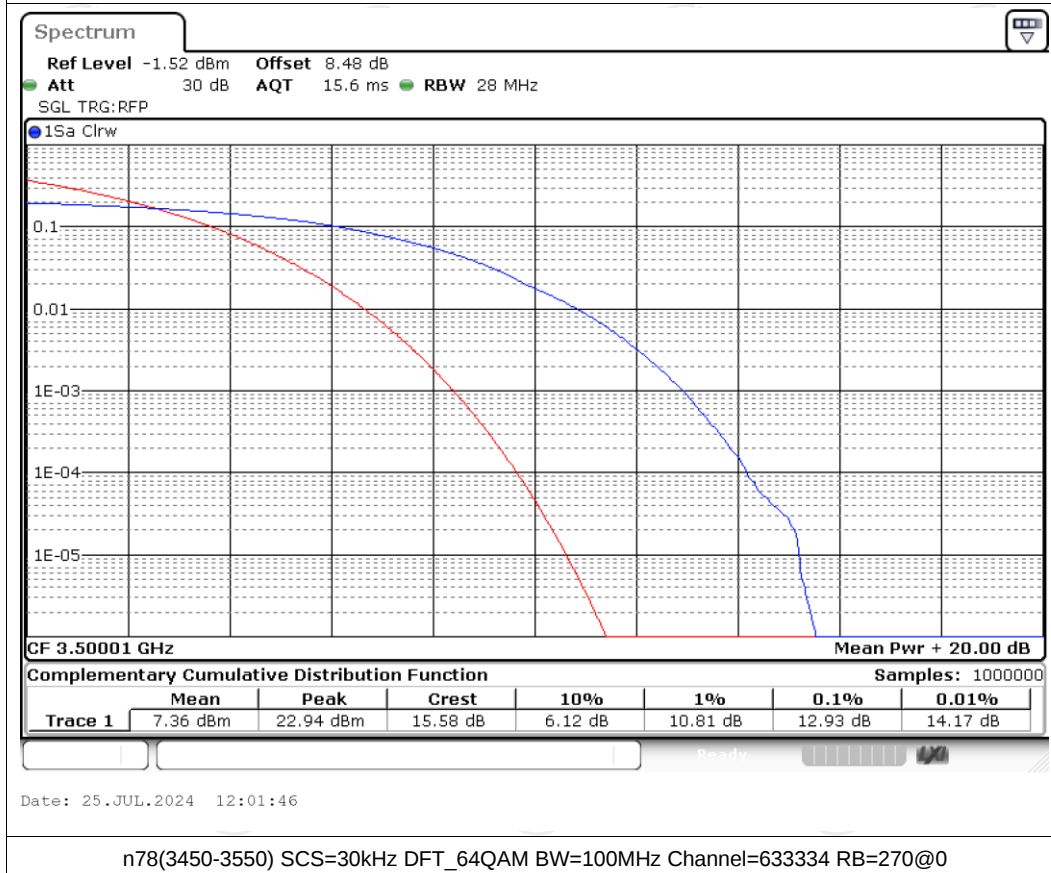
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



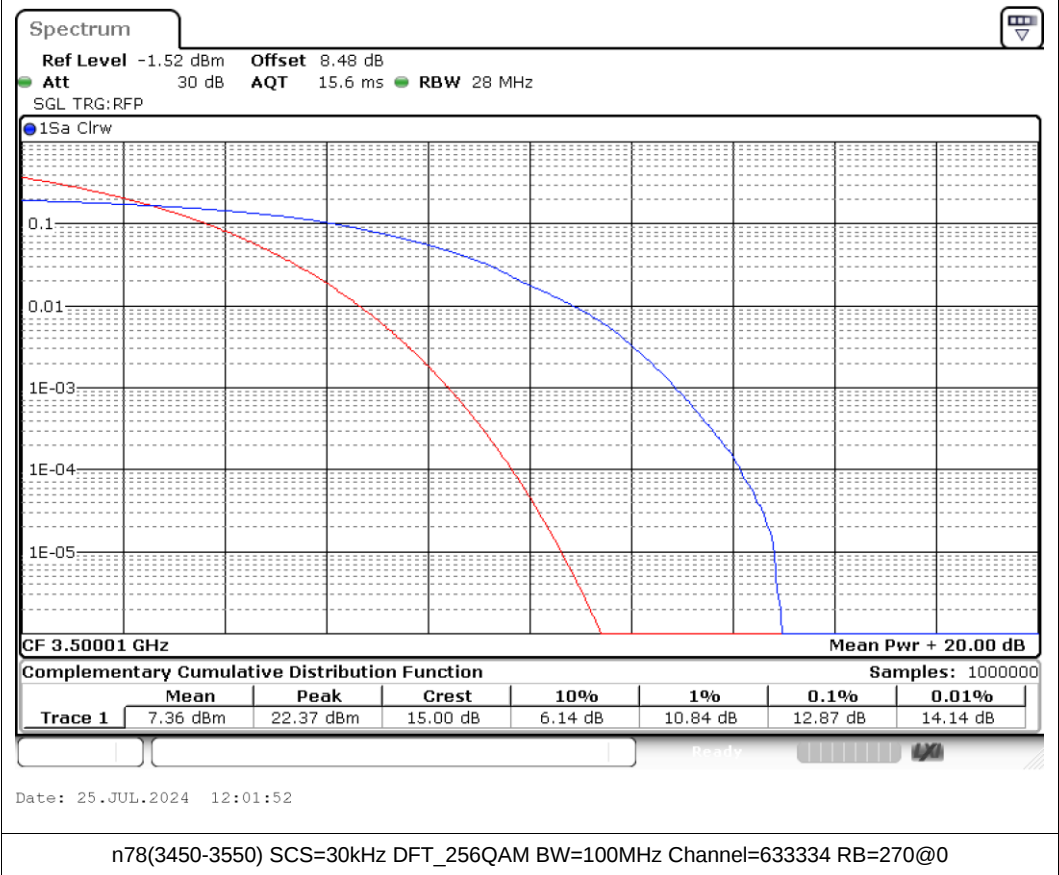
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz Channel=633334 RB=270@0



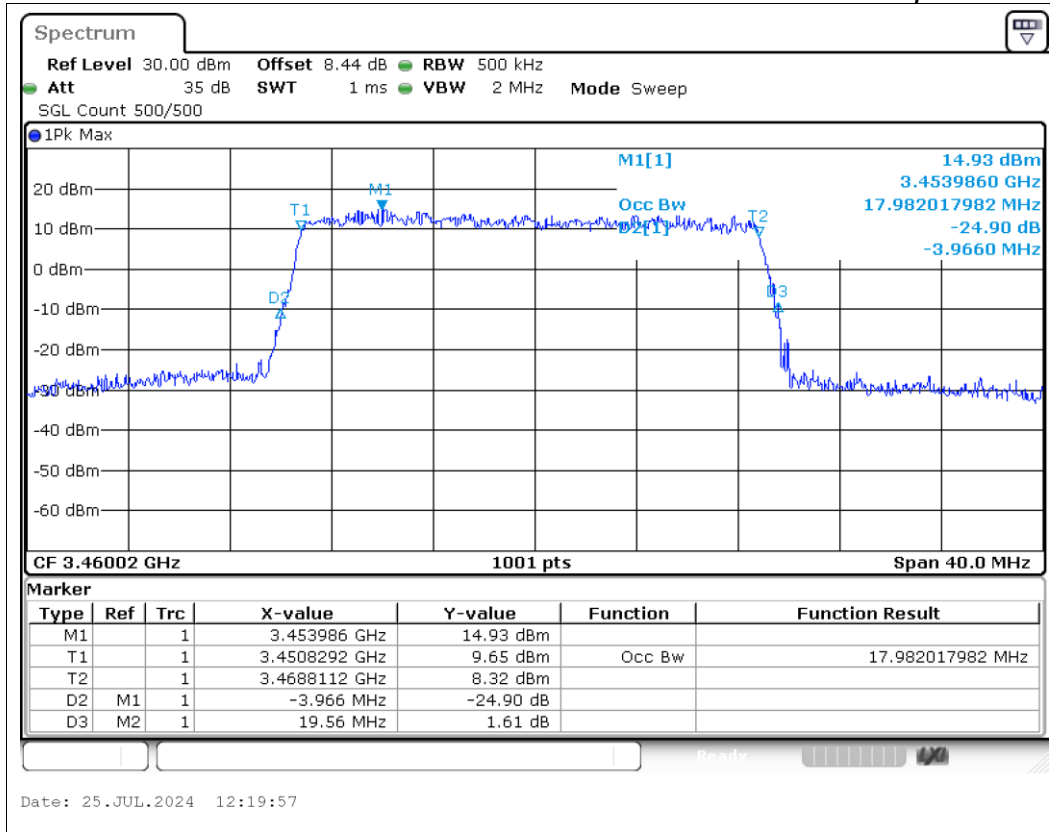
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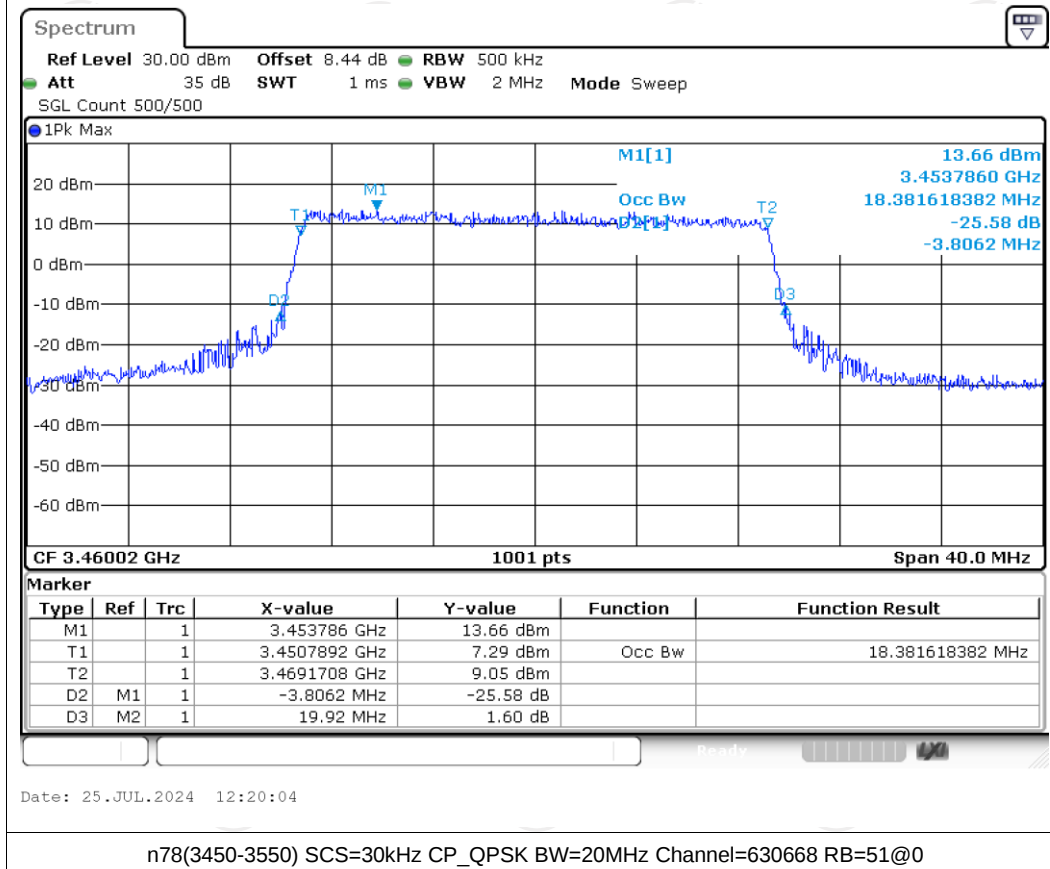
4. Occupied Bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n78(3450-3550)	30	20	630668	3460.02	50@0	DFT_BPSK	17.982	19.560	PASS
n78(3450-3550)	30	20	630668	3460.02	51@0	CP_QPSK	18.382	19.920	PASS
n78(3450-3550)	30	20	630668	3460.02	51@0	CP_16QAM	18.382	19.800	PASS
n78(3450-3550)	30	20	630668	3460.02	51@0	CP_64QAM	18.382	19.920	PASS
n78(3450-3550)	30	20	630668	3460.02	51@0	CP_256QAM	18.342	19.760	PASS
n78(3450-3550)	30	20	633334	3500.01	50@0	DFT_BPSK	17.982	19.600	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_QPSK	18.342	19.840	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_16QAM	18.342	19.880	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_64QAM	18.342	19.800	PASS
n78(3450-3550)	30	20	633334	3500.01	51@0	CP_256QAM	18.342	19.800	PASS
n78(3450-3550)	30	20	636000	3540	50@0	DFT_BPSK	18.022	19.520	PASS
n78(3450-3550)	30	20	636000	3540	51@0	CP_QPSK	18.382	19.960	PASS
n78(3450-3550)	30	20	636000	3540	51@0	CP_16QAM	18.382	19.720	PASS
n78(3450-3550)	30	20	636000	3540	51@0	CP_64QAM	18.382	19.840	PASS
n78(3450-3550)	30	20	636000	3540	51@0	CP_256QAM	18.342	19.720	PASS
n78(3450-3550)	30	40	631334	3470.01	100@0	DFT_BPSK	36.044	38.320	PASS
n78(3450-3550)	30	40	631334	3470.01	106@0	CP_QPSK	38.202	40.400	PASS
n78(3450-3550)	30	40	631334	3470.01	106@0	CP_16QAM	38.122	40.400	PASS
n78(3450-3550)	30	40	631334	3470.01	106@0	CP_64QAM	38.122	40.480	PASS
n78(3450-3550)	30	40	631334	3470.01	106@0	CP_256QAM	38.122	40.560	PASS
n78(3450-3550)	30	40	633334	3500.01	100@0	DFT_BPSK	35.884	38.160	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_QPSK	38.042	40.320	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_16QAM	38.042	40.240	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_64QAM	38.042	40.400	PASS
n78(3450-3550)	30	40	633334	3500.01	106@0	CP_256QAM	37.962	40.400	PASS
n78(3450-3550)	30	40	635332	3529.98	100@0	DFT_BPSK	35.724	38.240	PASS
n78(3450-3550)	30	40	635332	3529.98	106@0	CP_QPSK	37.882	40.320	PASS
n78(3450-3550)	30	40	635332	3529.98	106@0	CP_16QAM	37.882	40.400	PASS
n78(3450-3550)	30	40	635332	3529.98	106@0	CP_64QAM	37.882	40.320	PASS
n78(3450-3550)	30	40	635332	3529.98	106@0	CP_256QAM	37.882	40.320	PASS
n78(3450-3550)	30	60	632000	3480	162@0	DFT_BPSK	58.382	62.880	PASS
n78(3450-3550)	30	60	632000	3480	162@0	CP_QPSK	58.382	62.520	PASS
n78(3450-3550)	30	60	632000	3480	162@0	CP_16QAM	58.382	62.520	PASS
n78(3450-3550)	30	60	632000	3480	162@0	CP_64QAM	58.382	62.520	PASS
n78(3450-3550)	30	60	632000	3480	162@0	CP_256QAM	58.382	62.880	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	DFT_BPSK	58.142	62.640	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_QPSK	58.382	62.640	PASS

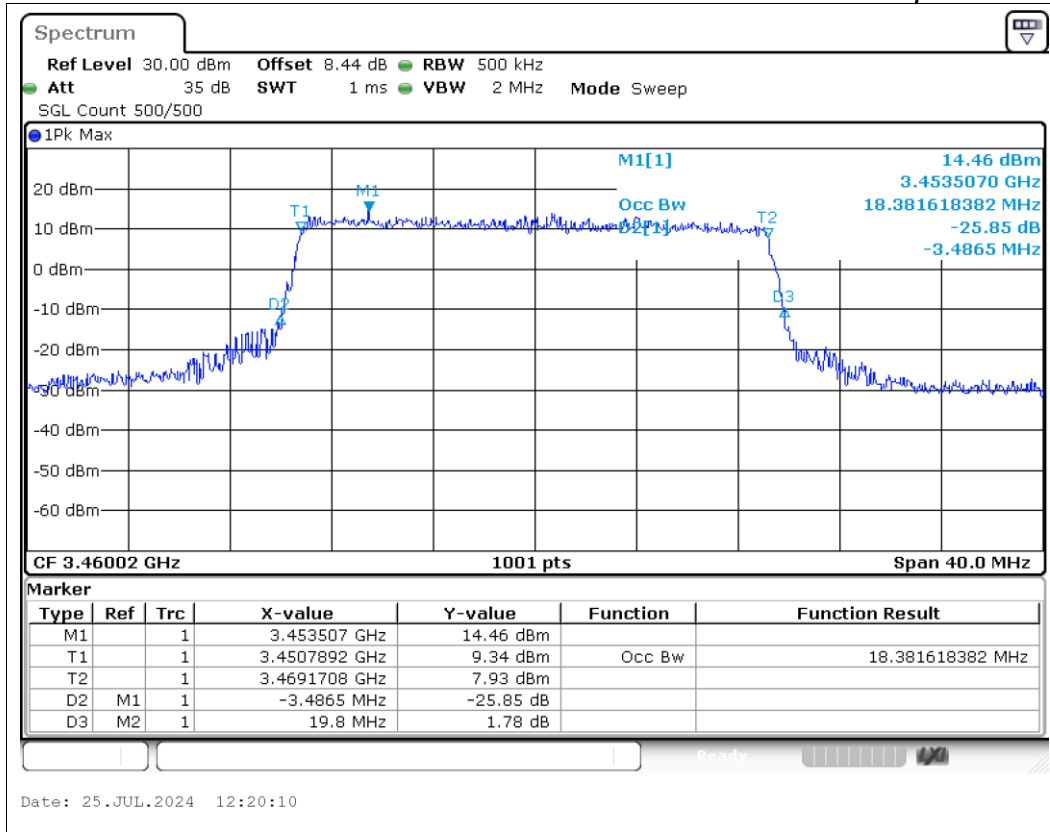
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_16QAM	58.262	62.760	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_64QAM	58.262	62.640	PASS
n78(3450-3550)	30	60	633334	3500.01	162@0	CP_256QAM	58.501	62.640	PASS
n78(3450-3550)	30	60	634666	3519.99	162@0	DFT_BPSK	58.262	62.640	PASS
n78(3450-3550)	30	60	634666	3519.99	162@0	CP_QPSK	58.142	62.640	PASS
n78(3450-3550)	30	60	634666	3519.99	162@0	CP_16QAM	58.262	62.640	PASS
n78(3450-3550)	30	60	634666	3519.99	162@0	CP_64QAM	58.262	62.520	PASS
n78(3450-3550)	30	60	634666	3519.99	162@0	CP_256QAM	58.382	62.880	PASS
n78(3450-3550)	30	80	632668	3490.02	216@0	DFT_BPSK	77.682	82.400	PASS
n78(3450-3550)	30	80	632668	3490.02	217@0	CP_QPSK	77.842	82.720	PASS
n78(3450-3550)	30	80	632668	3490.02	217@0	CP_16QAM	78.162	82.560	PASS
n78(3450-3550)	30	80	632668	3490.02	217@0	CP_64QAM	78.002	82.400	PASS
n78(3450-3550)	30	80	632668	3490.02	217@0	CP_256QAM	78.002	82.720	PASS
n78(3450-3550)	30	80	633334	3500.01	216@0	DFT_BPSK	77.522	82.240	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_QPSK	77.522	82.240	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_16QAM	77.682	82.400	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_64QAM	77.682	82.400	PASS
n78(3450-3550)	30	80	633334	3500.01	217@0	CP_256QAM	77.842	82.400	PASS
n78(3450-3550)	30	80	634000	3510	216@0	DFT_BPSK	77.203	81.920	PASS
n78(3450-3550)	30	80	634000	3510	217@0	CP_QPSK	77.522	82.240	PASS
n78(3450-3550)	30	80	634000	3510	217@0	CP_16QAM	77.522	82.240	PASS
n78(3450-3550)	30	80	634000	3510	217@0	CP_64QAM	77.363	82.080	PASS
n78(3450-3550)	30	80	634000	3510	217@0	CP_256QAM	77.363	82.240	PASS
n78(3450-3550)	30	100	633334	3500.01	270@0	DFT_BPSK	96.703	101.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_QPSK	97.702	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_16QAM	97.502	102.600	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_64QAM	97.702	102.800	PASS
n78(3450-3550)	30	100	633334	3500.01	273@0	CP_256QAM	97.303	102.400	PASS



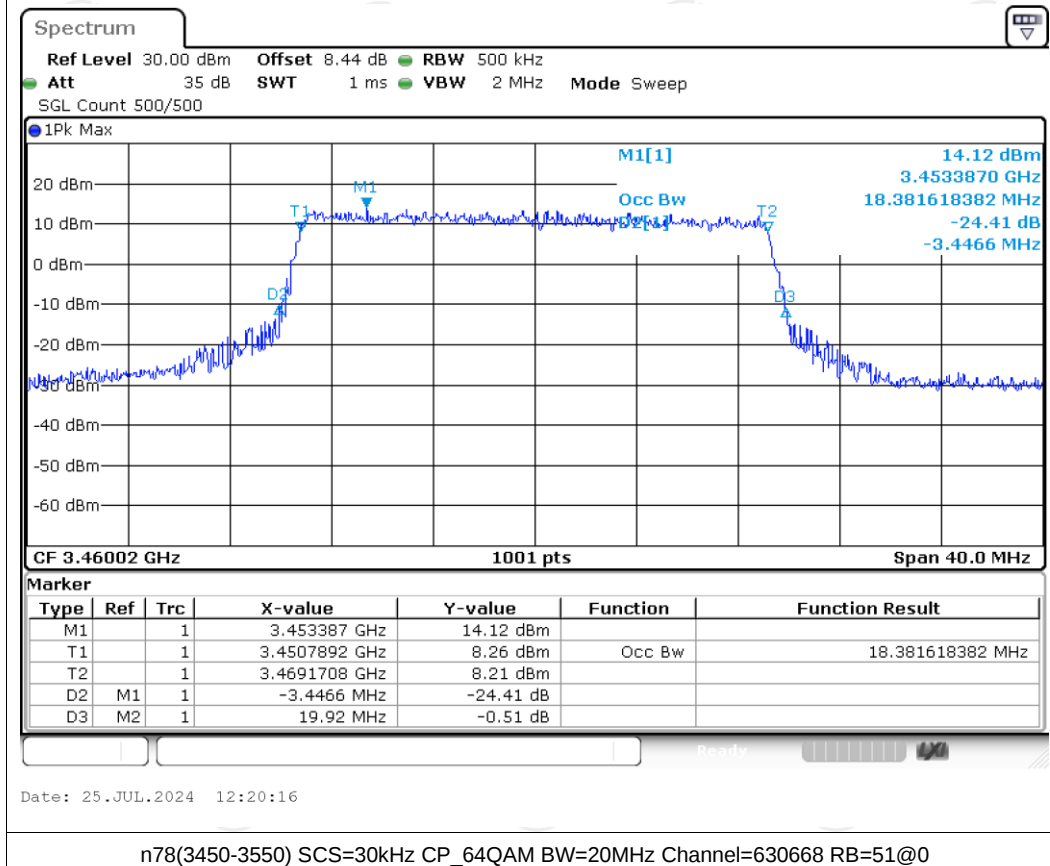
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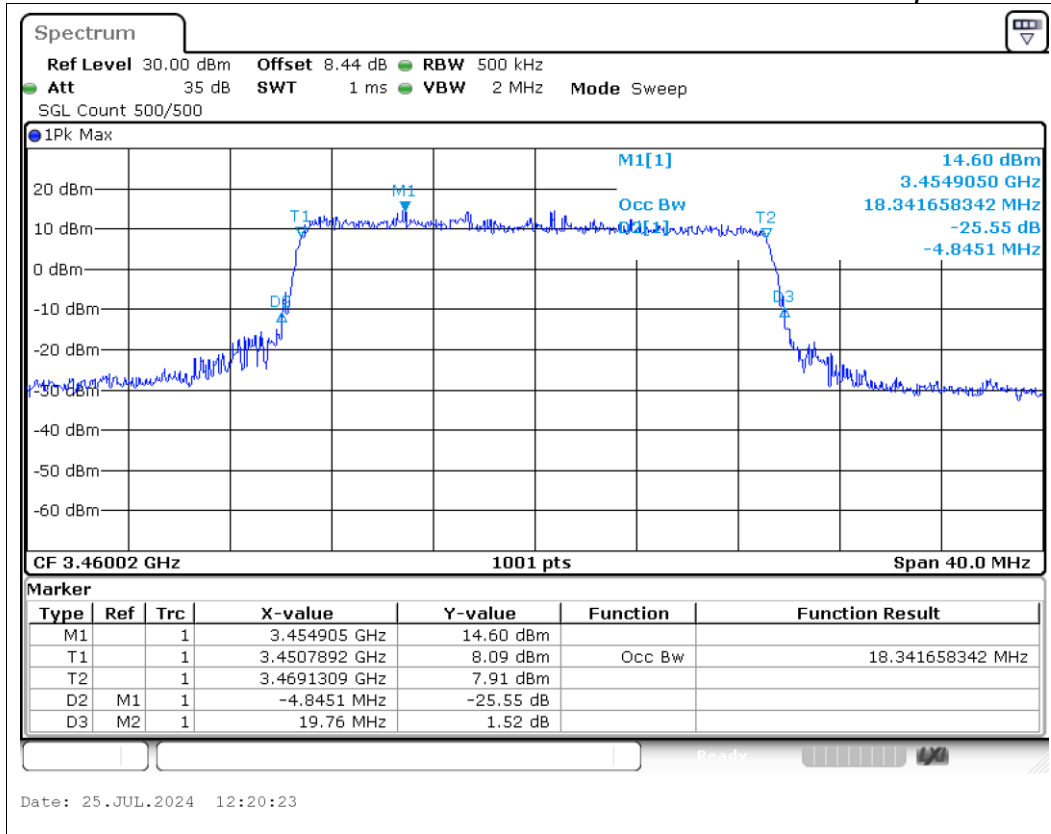
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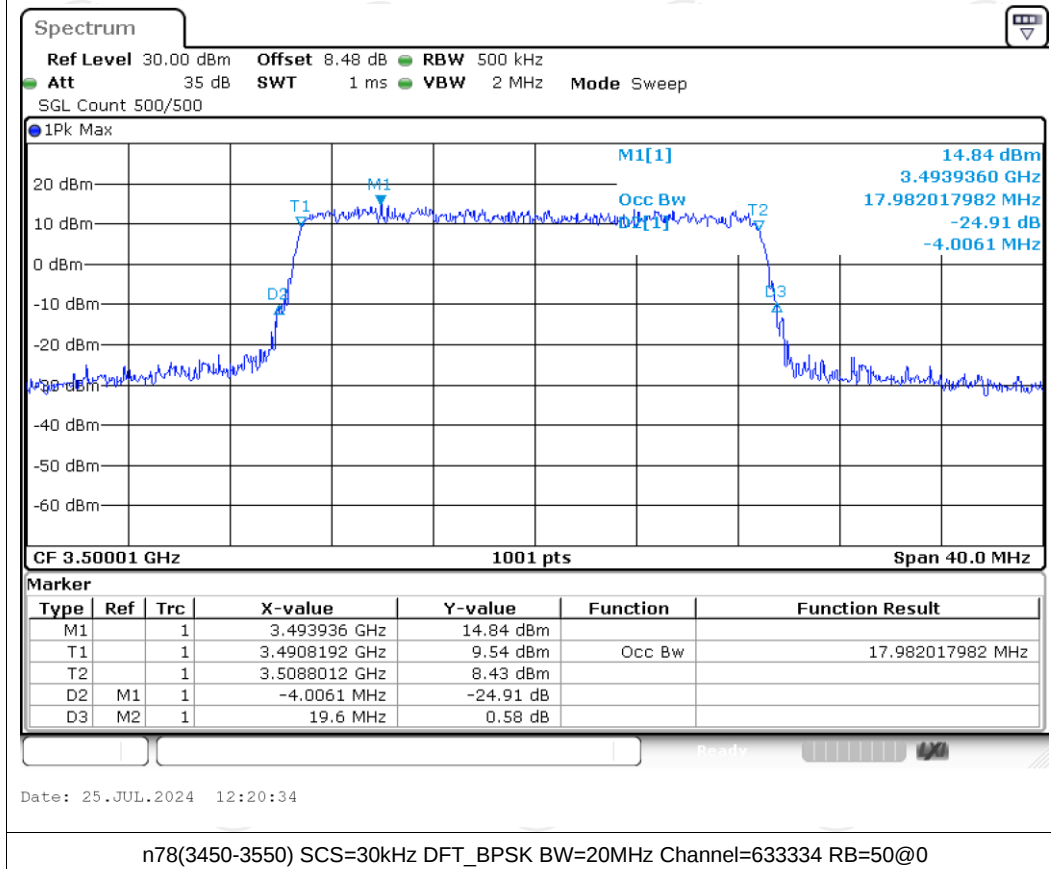
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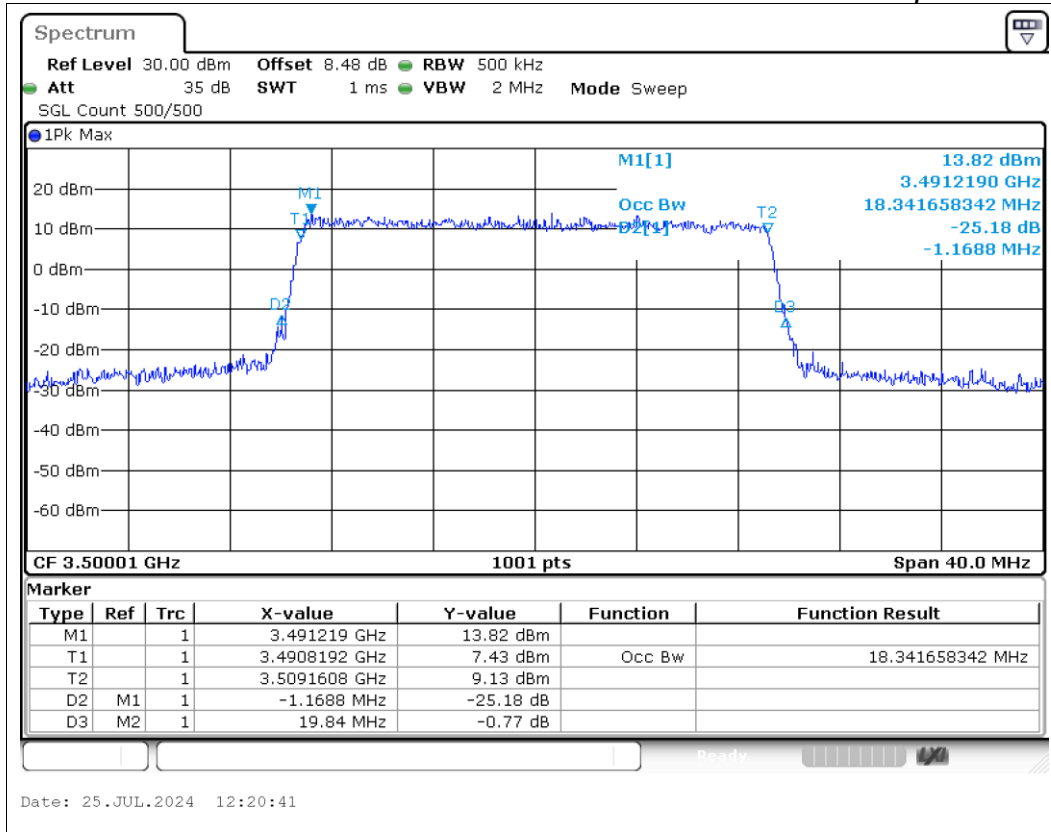
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz Channel=630668 RB=51@0



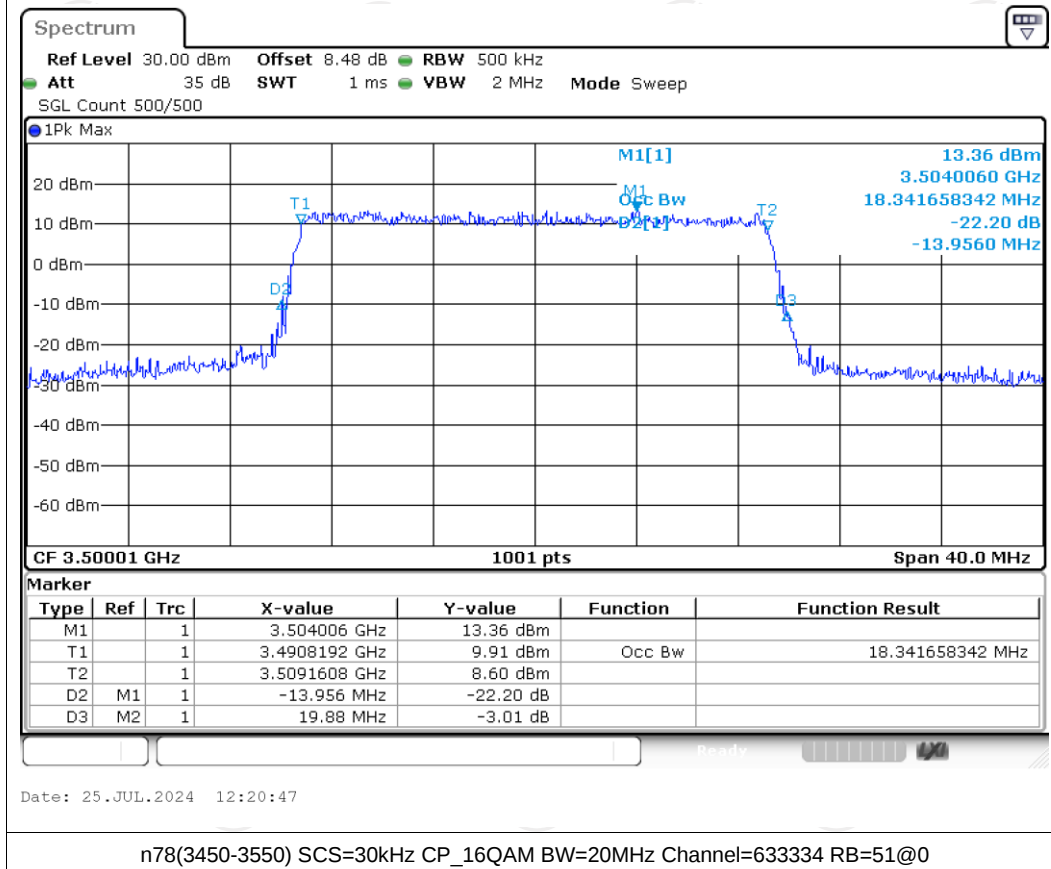
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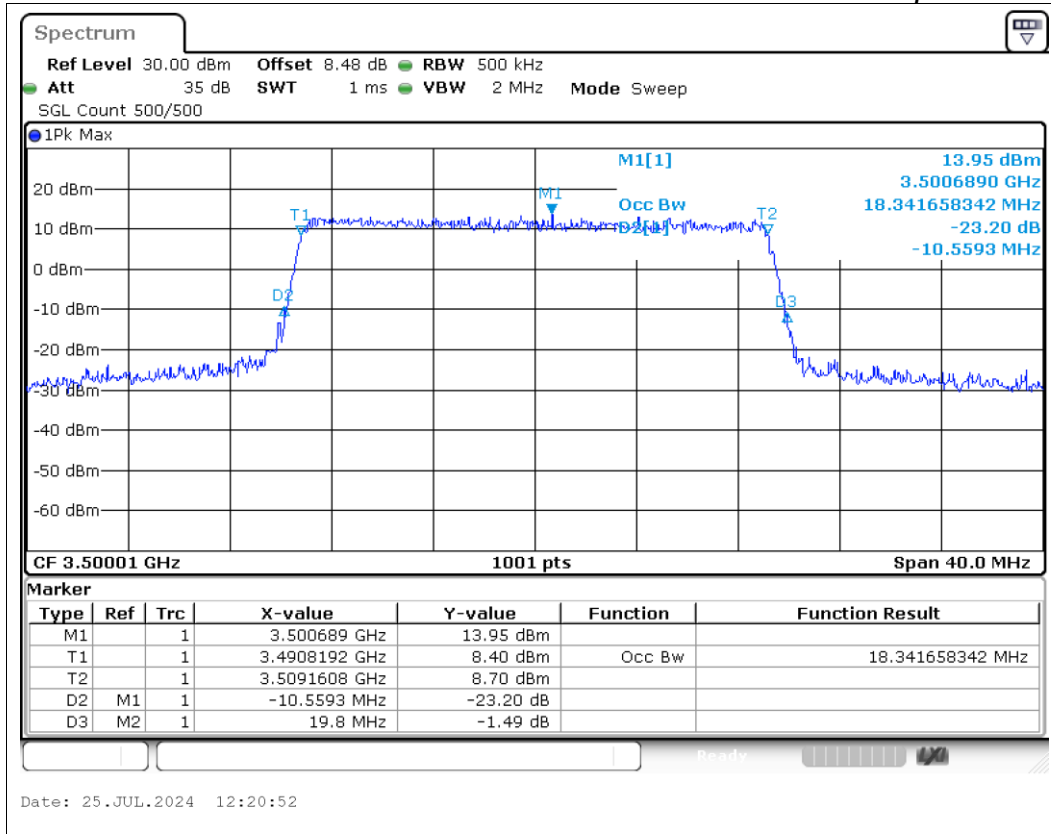
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



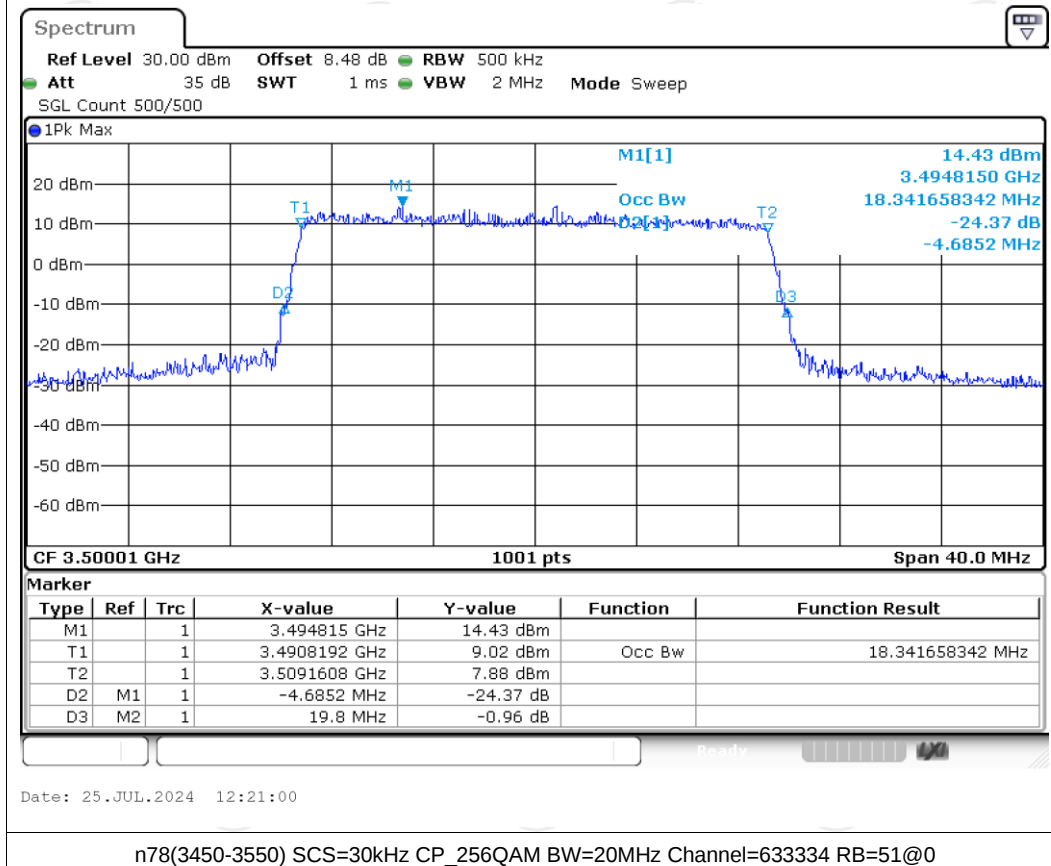
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



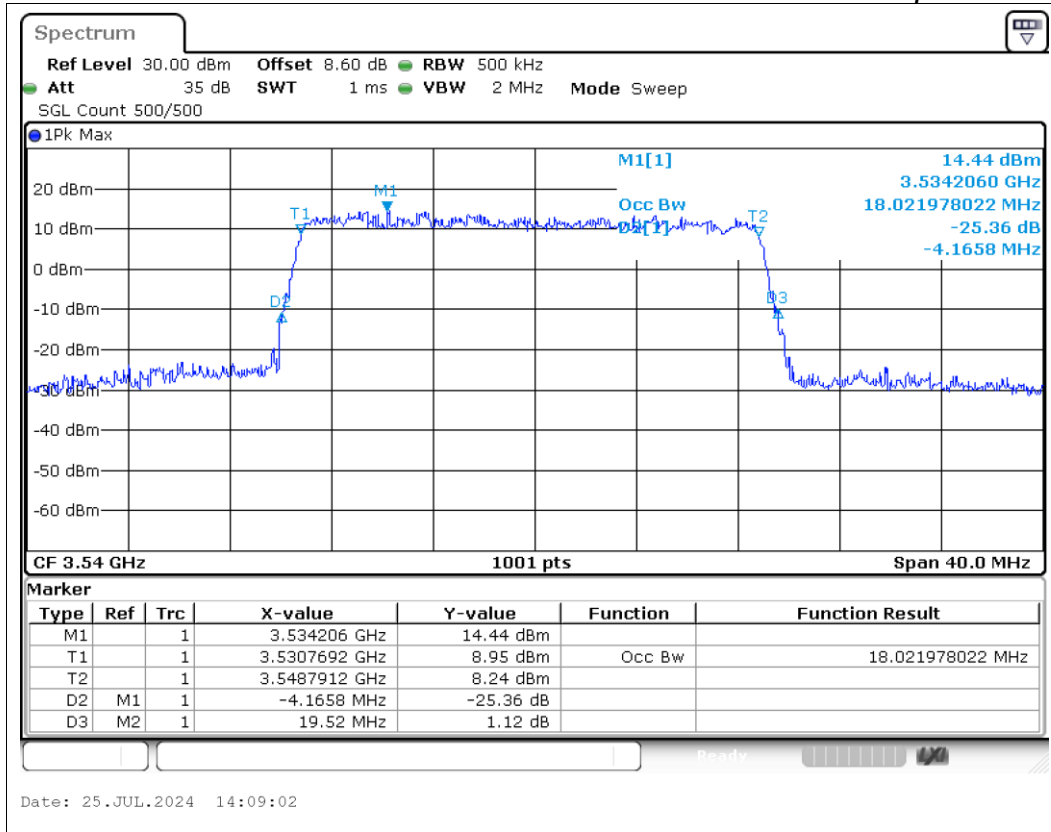
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz Channel=633334 RB=51@0



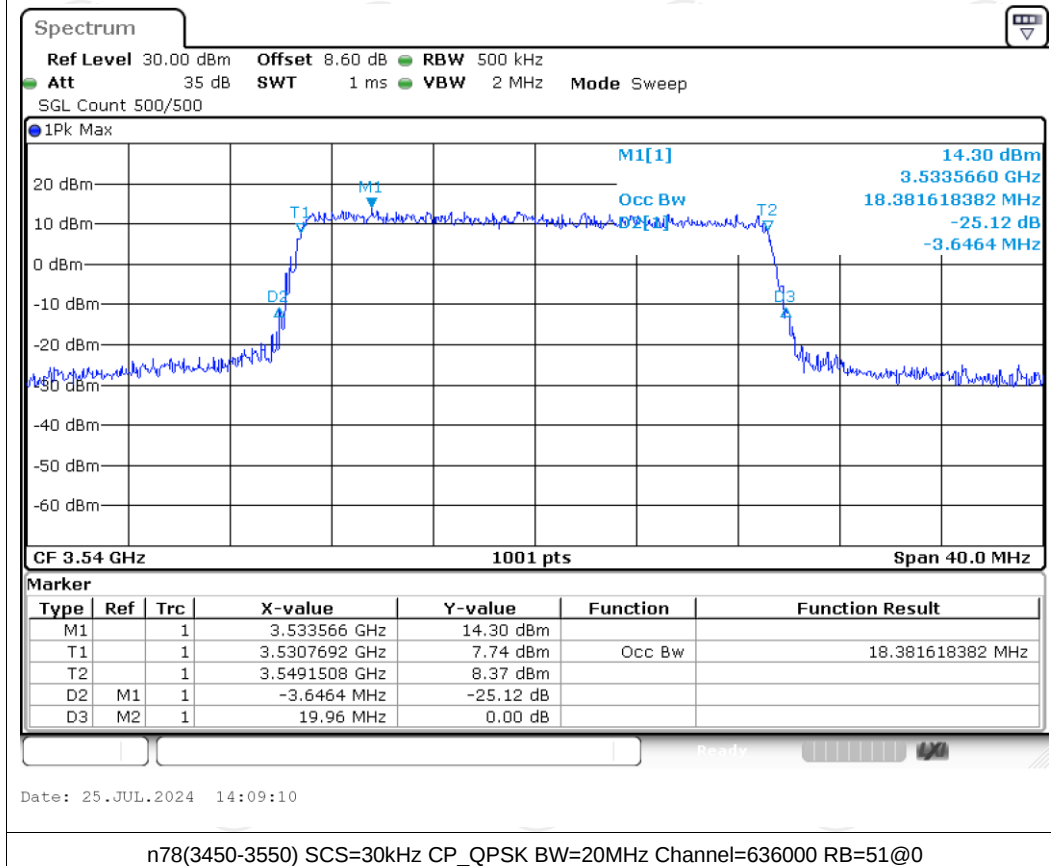
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz Channel=633334 RB=51@0



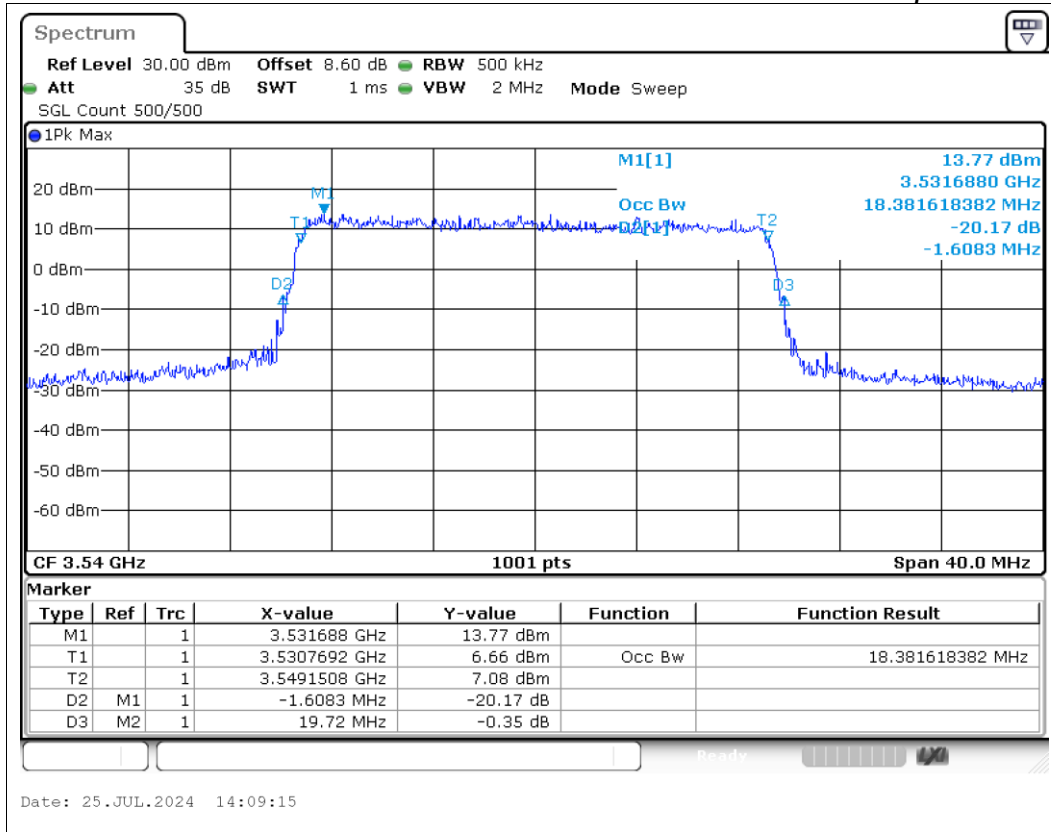
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz Channel=633334 RB=51@0



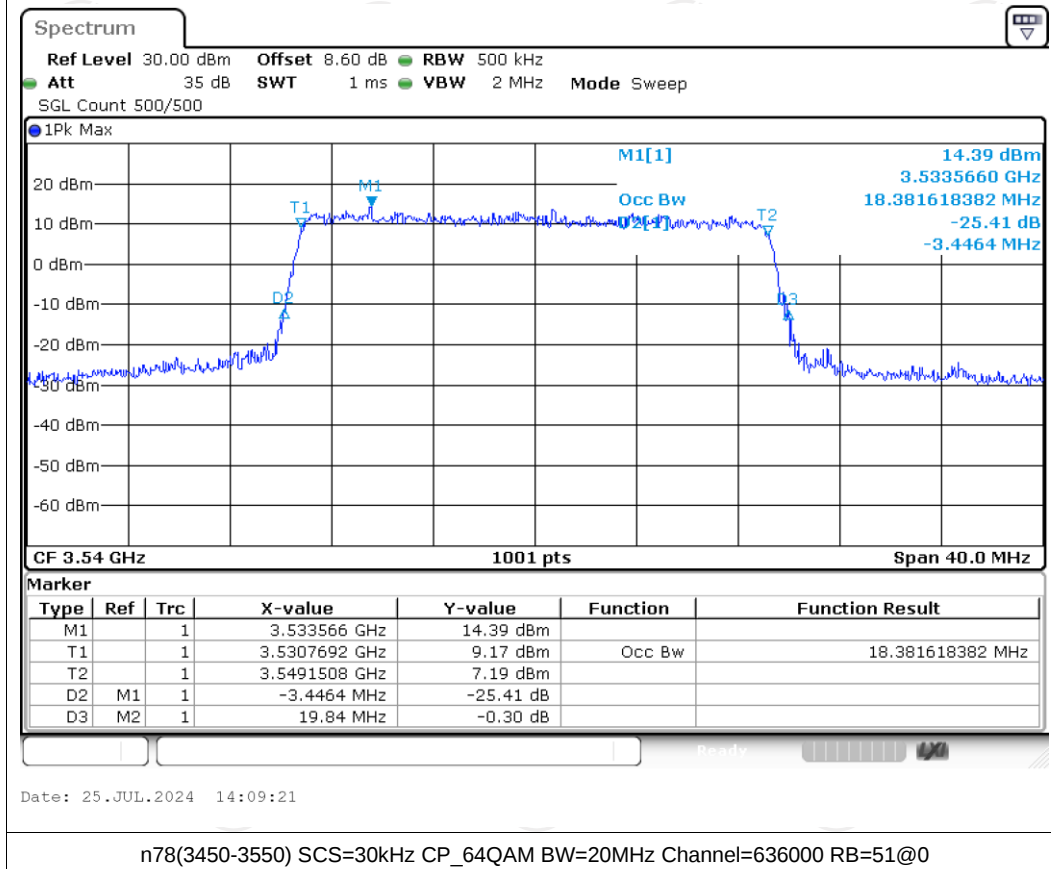
n78(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=636000 RB=50@0



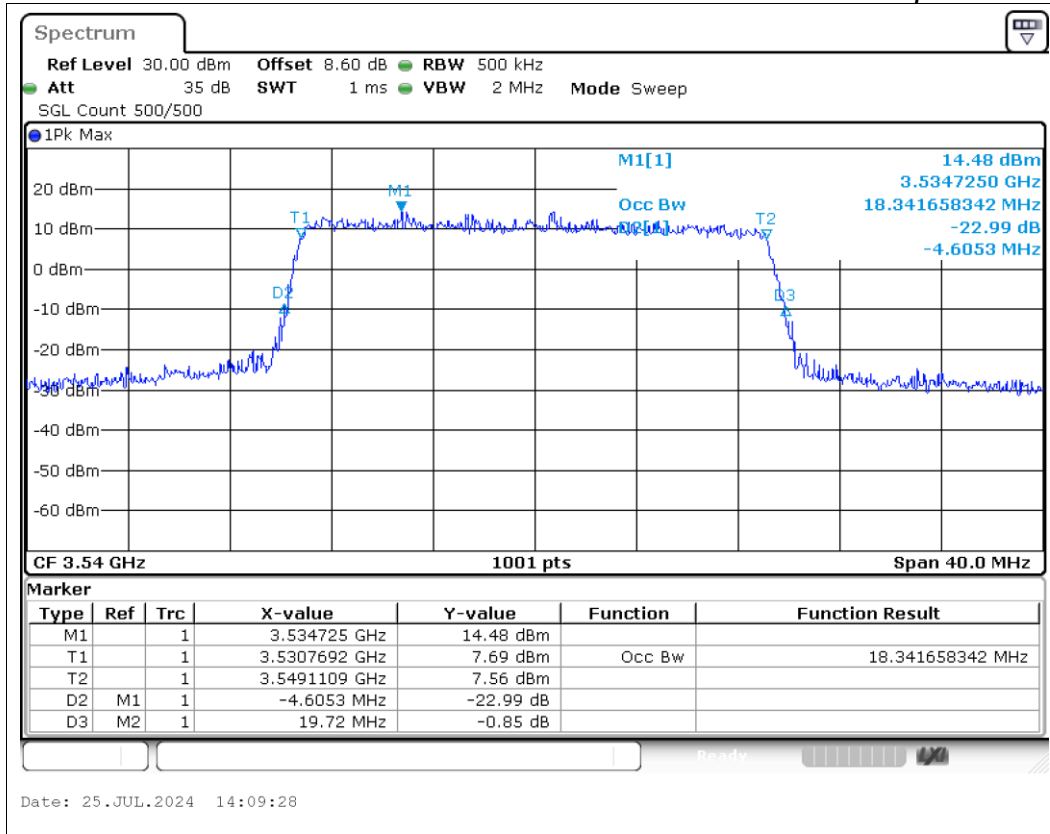
n78(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=636000 RB=51@0



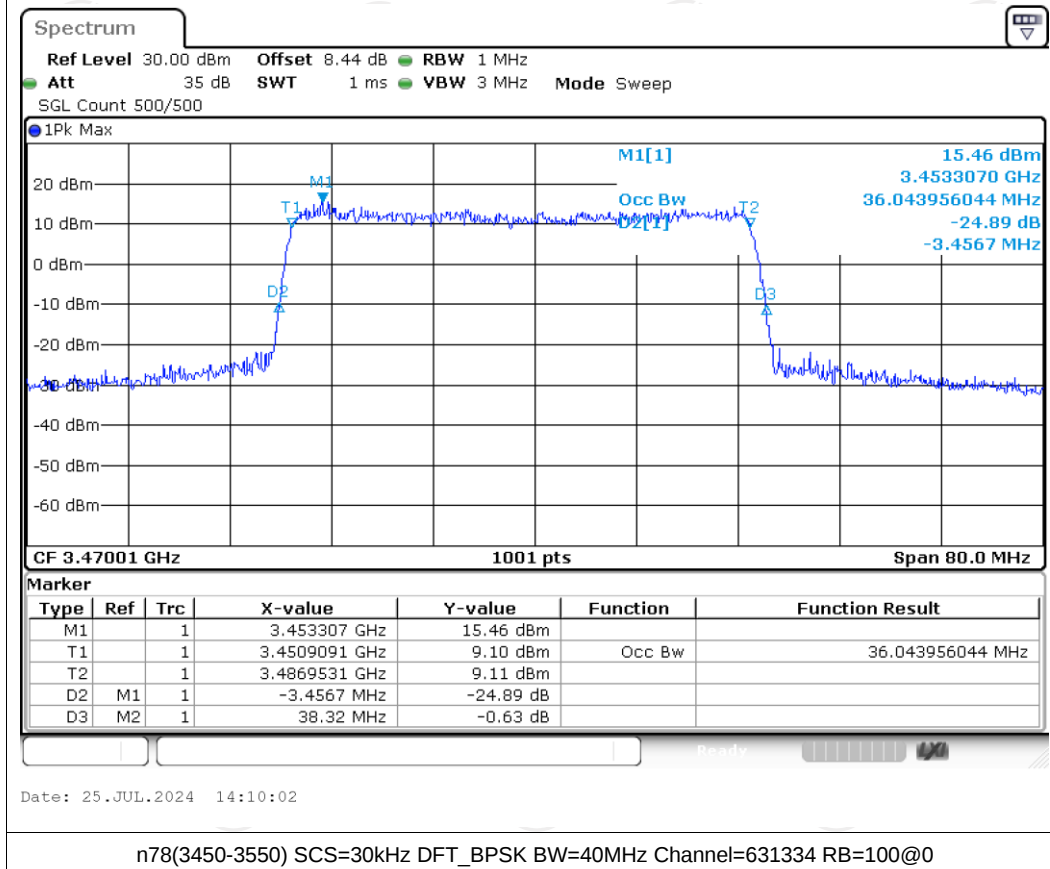
n78(3450-3550) SCS=30kHz CP_16QAM BW=20MHz Channel=636000 RB=51@0



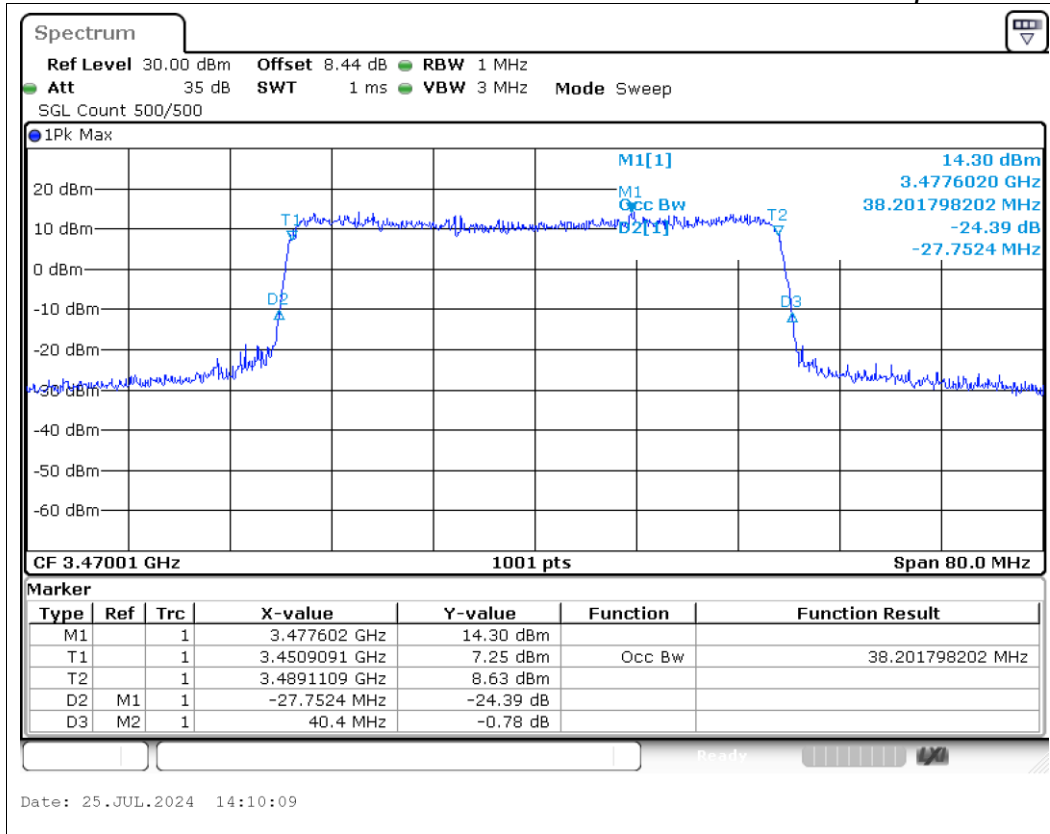
n78(3450-3550) SCS=30kHz CP_64QAM BW=20MHz Channel=636000 RB=51@0



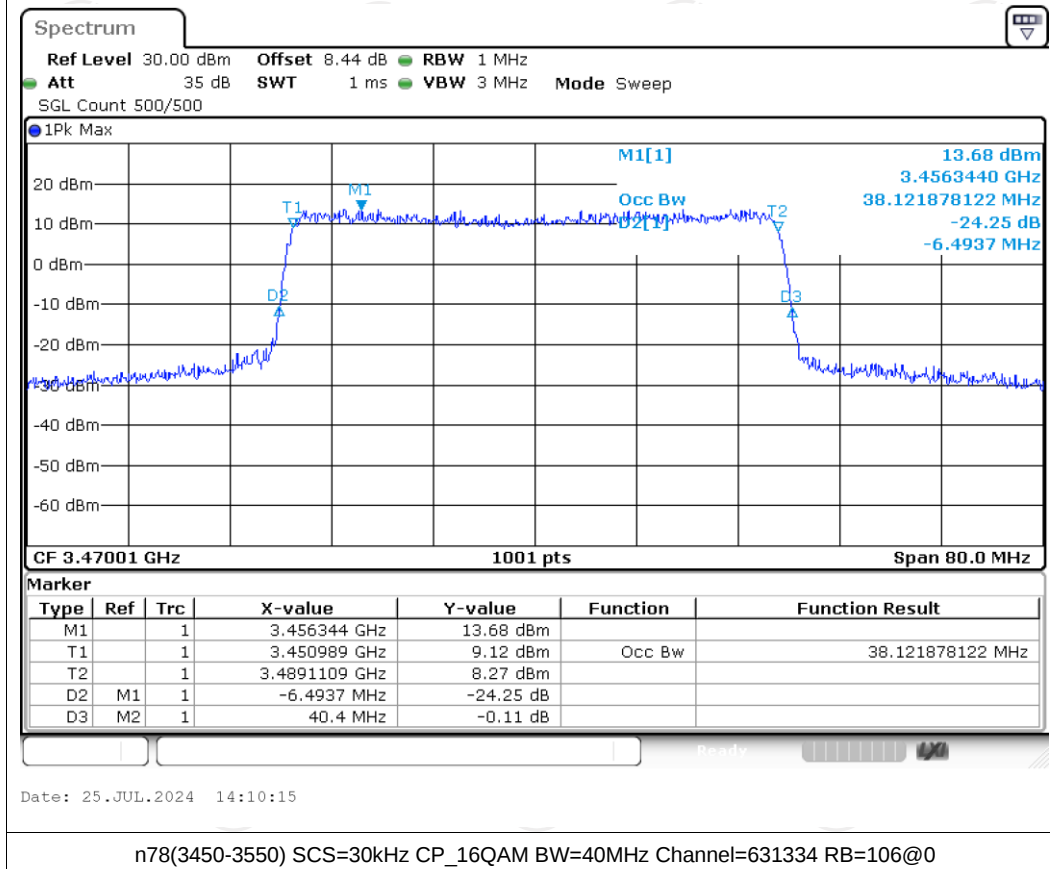
n78(3450-3550) SCS=30kHz CP_256QAM BW=20MHz Channel=636000 RB=51@0



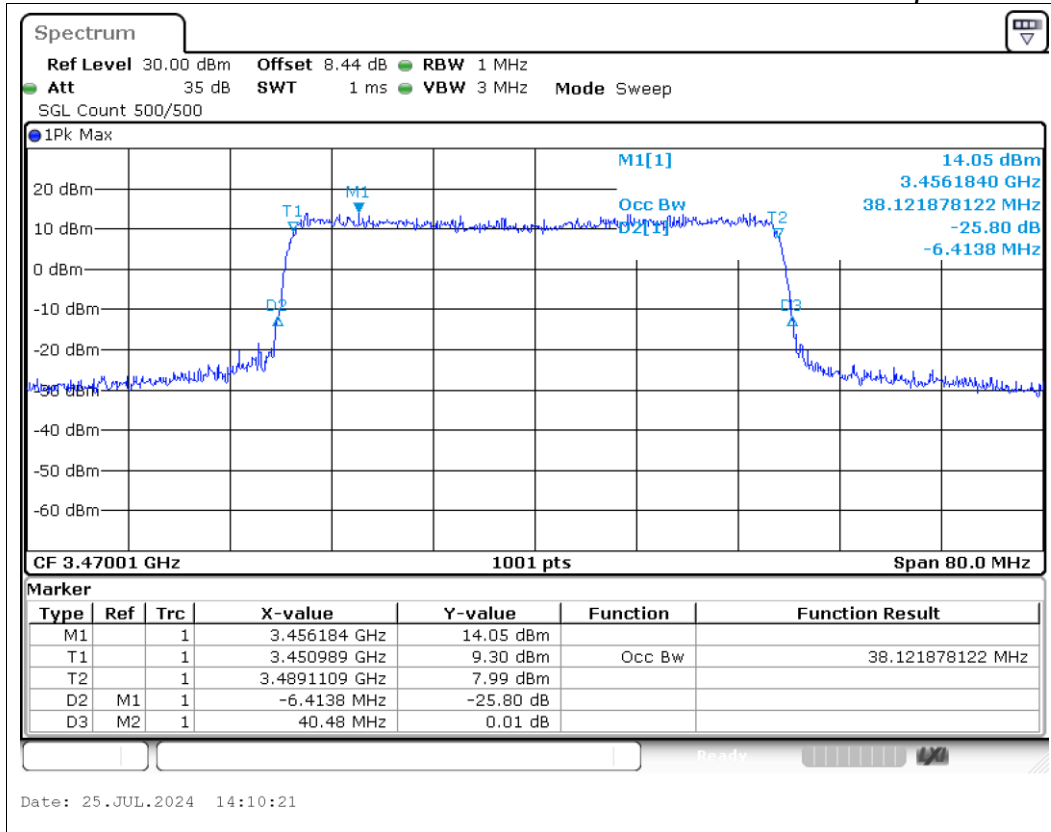
n78(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=631334 RB=100@0



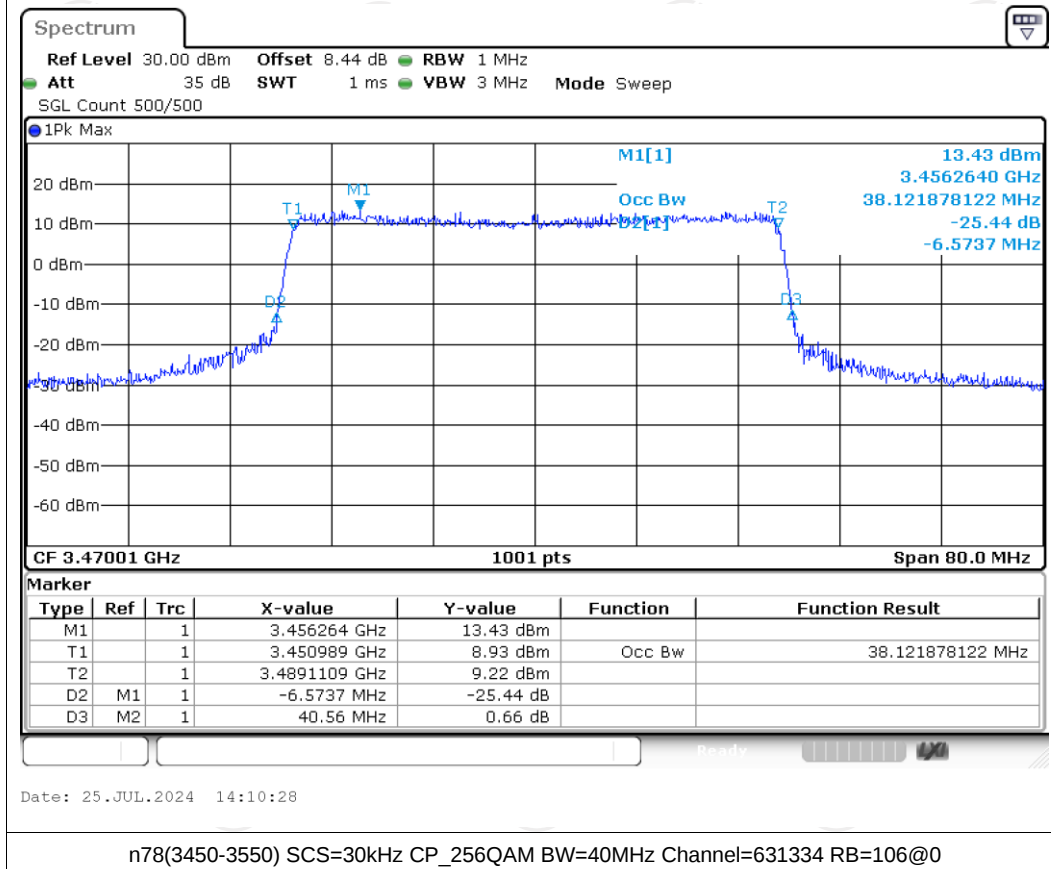
n78(3450-3550) SCS=30kHz CP_QPSK BW=40MHz Channel=631334 RB=106@0



n78(3450-3550) SCS=30kHz CP_16QAM BW=40MHz Channel=631334 RB=106@0



n78(3450-3550) SCS=30kHz CP_64QAM BW=40MHz Channel=631334 RB=106@0



n78(3450-3550) SCS=30kHz CP_256QAM BW=40MHz Channel=631334 RB=106@0