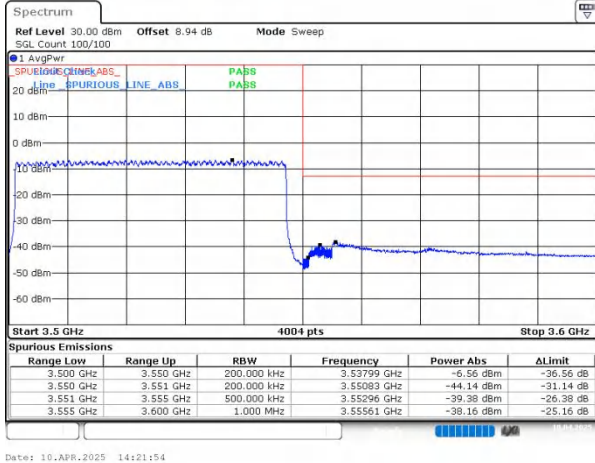
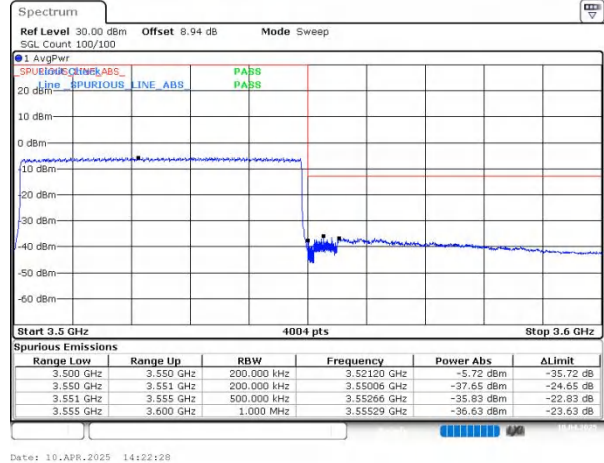
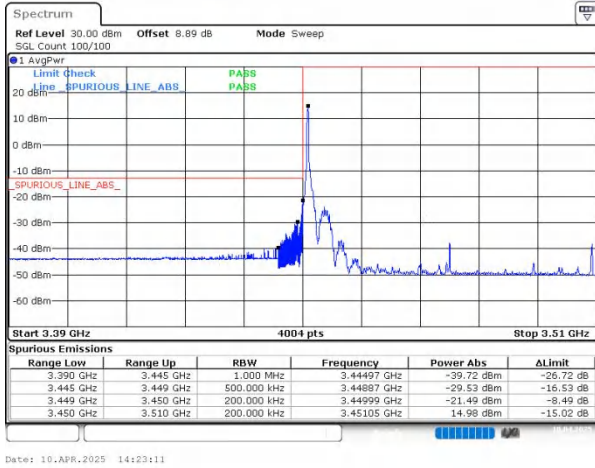




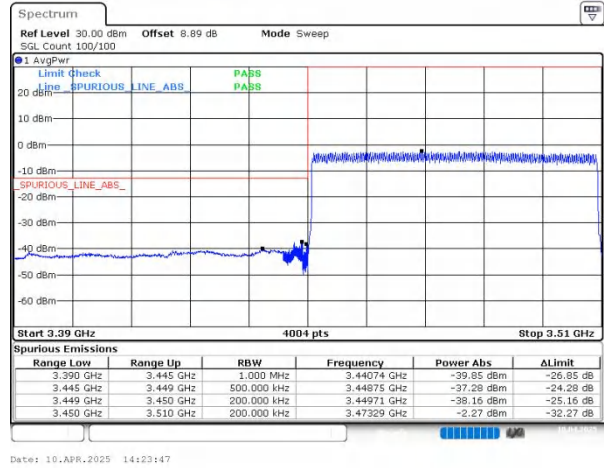
n78(3450-3550) SCS=30kHz DFT_256QAM BW=50MHz
HighChannel=635000 RB=128@0



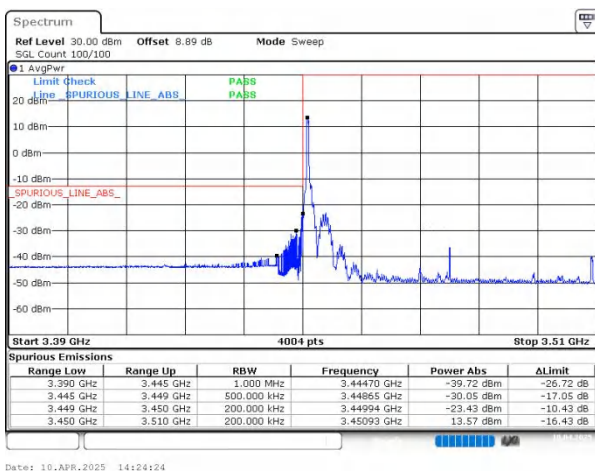
n78(3450-3550) SCS=30kHz CP_QPSK BW=50MHz
HighChannel=635000 RB=133@0



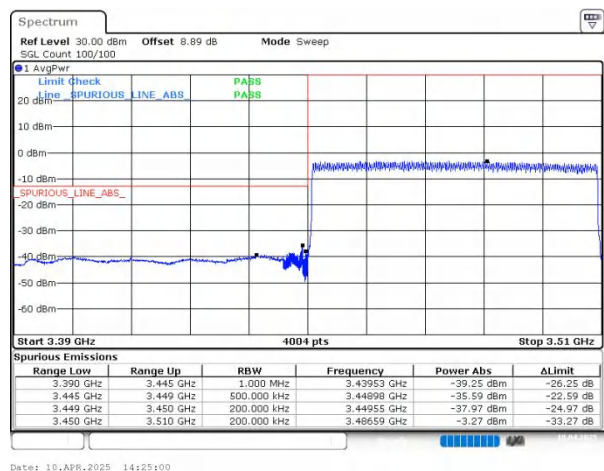
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
LowChannel=632000 RB=1@0



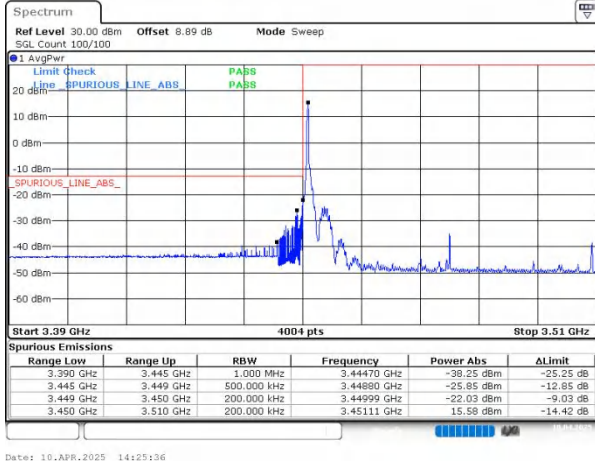
n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
LowChannel=632000 RB=162@0



n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
LowChannel=632000 RB=1@0

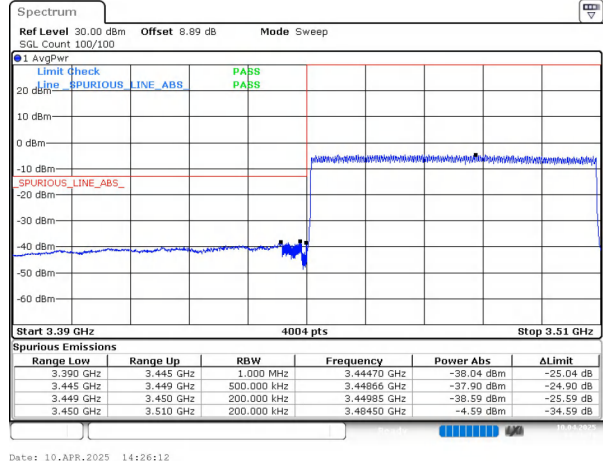


n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
LowChannel=632000 RB=162@0



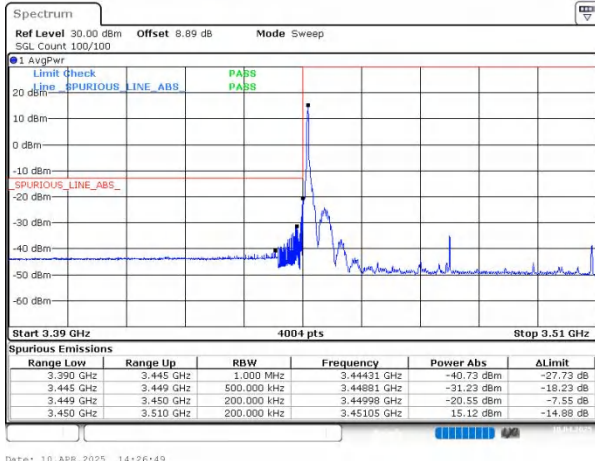
Date: 10.APR.2025 14:25:36

n78(3450-3550) SCS=30kHz DFT_16QAM BW=60MHz
LowChannel=632000 RB=1@0



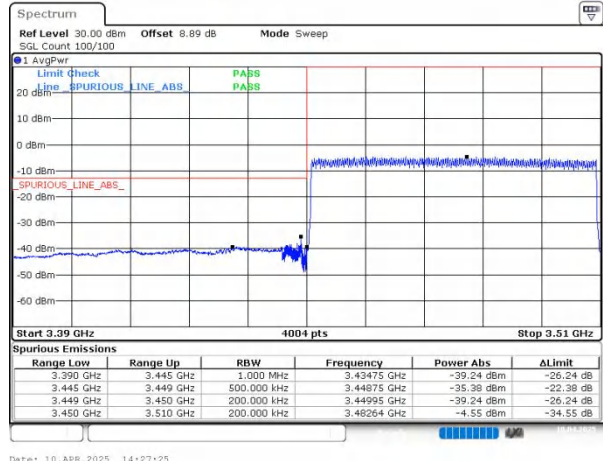
Date: 10.APR.2025 14:26:12

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LowChannel=632000 RB=162@0



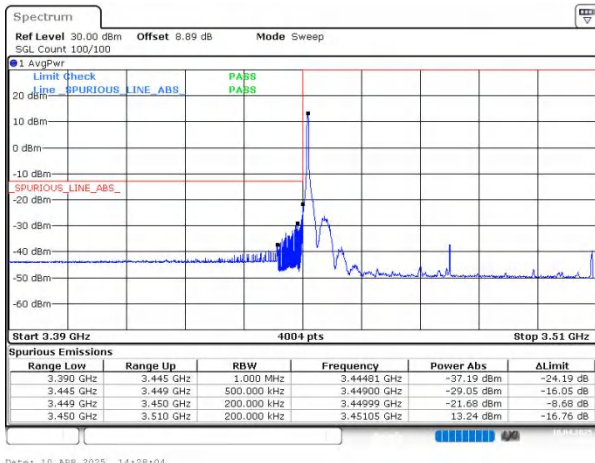
Date: 10.APR.2025 14:26:19

n78(3450-3550) SCS=30kHz DFT_64QAM BW=60MHz
LowChannel=632000 RB=1@0



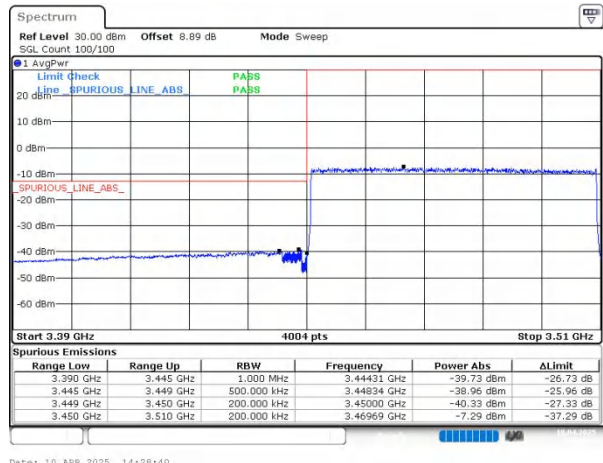
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n78(3450-3550) SCS=30kHz DFT_64QAM BW=60MHz
LowChannel=632000 RB=162@0



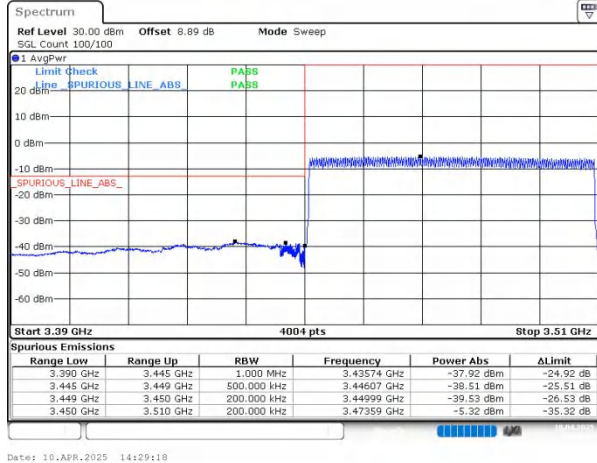
Date: 10.APR.2025 14:28:04

n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz
LowChannel=632000 RB=1@0



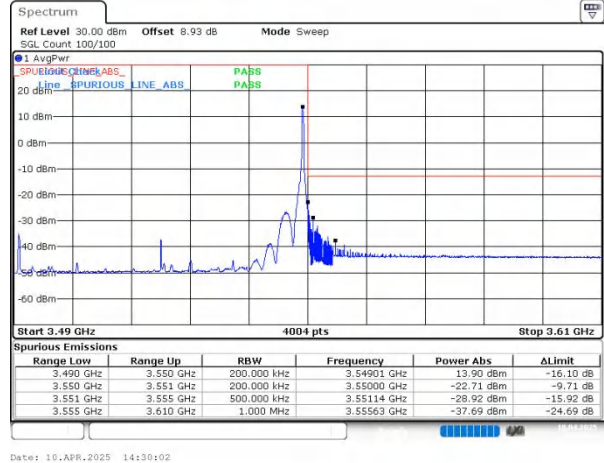
Date: 10.APR.2025 14:28:40

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



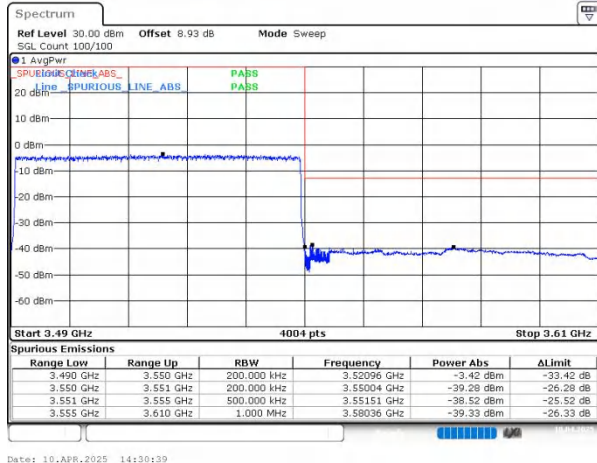
Date: 10.APR.2025 14:29:18

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



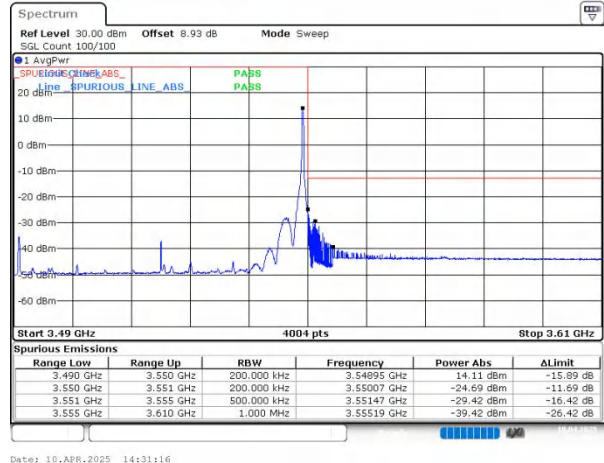
Date: 10.APR.2025 14:30:02

n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
HighChannel=634666 RB=1@161



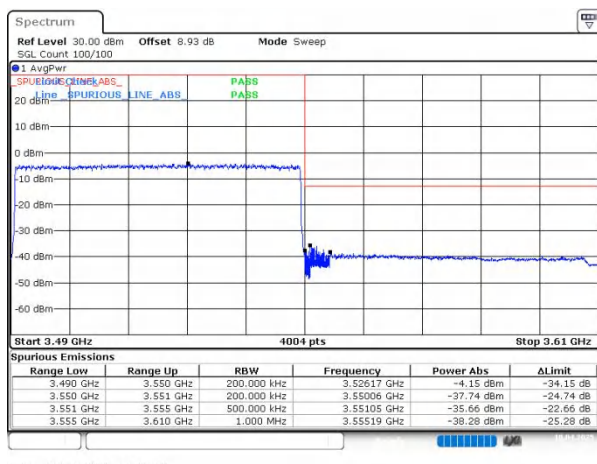
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n78(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz
HighChannel=634666 RB=162@0



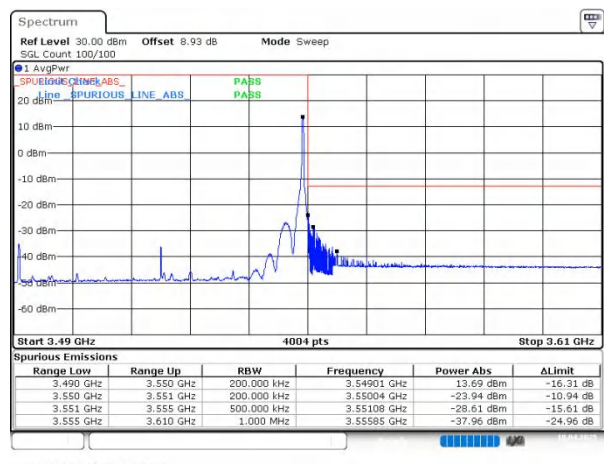
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HighChannel=634666 RB=1@161



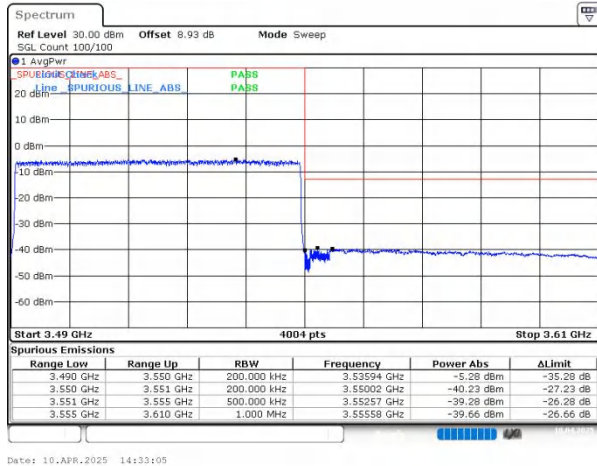
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n78(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz
HighChannel=634666 RB=162@0

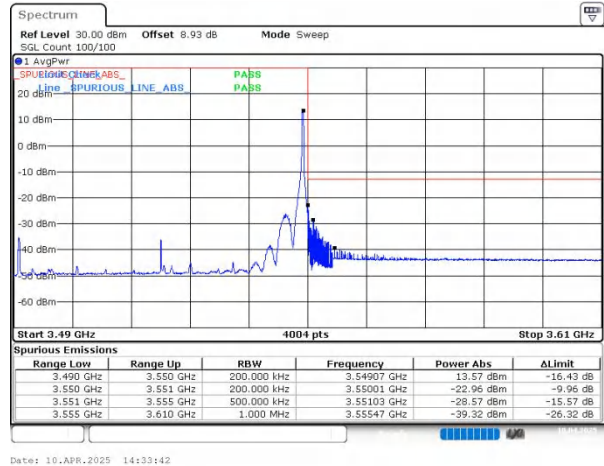


Date: 10.APR.2025 14:32:29

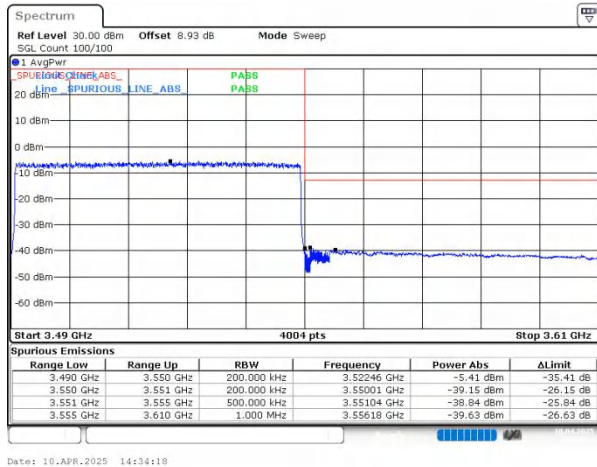
n78(3450-3550) SCS=30kHz DFT_16QAM BW=60MHz
HighChannel=634666 RB=1@161



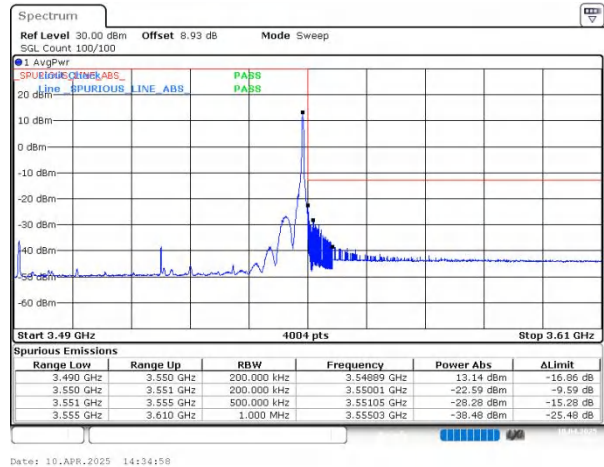
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HighChannel=634666 RB=162@0



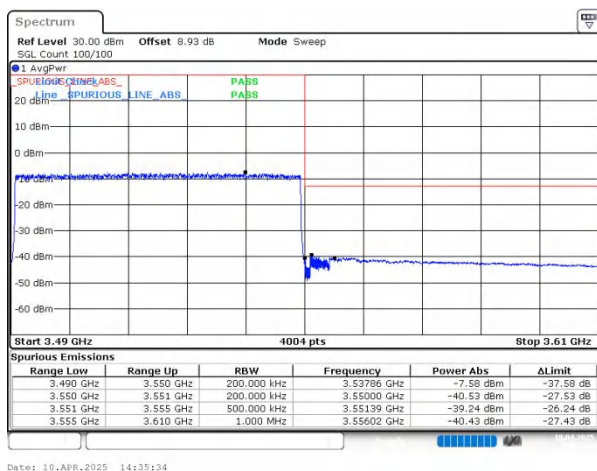
n78(3450-3550) SCS=30kHz DFT_64QAM BW=60MHz
HighChannel=634666 RB=1@161



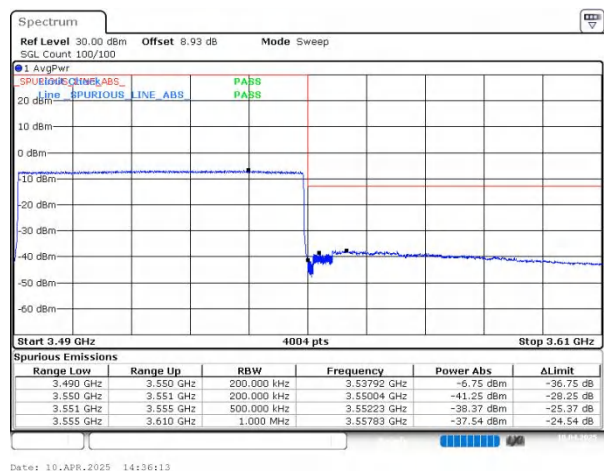
n78(3450-3550) SCS=30kHz DFT_64QAM BW=60MHz
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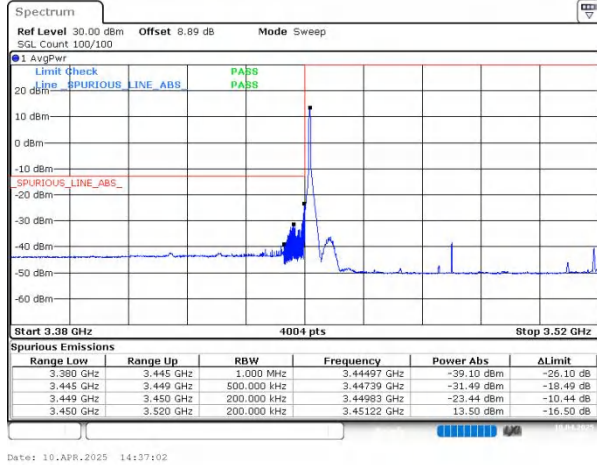
n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz
HighChannel=634666 RB=1@161



n78(3450-3550) SCS=30kHz DFT_256QAM BW=60MHz
HighChannel=634666 RB=162@0

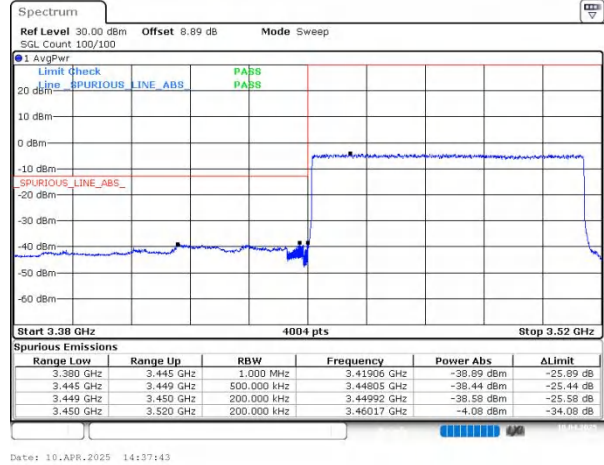


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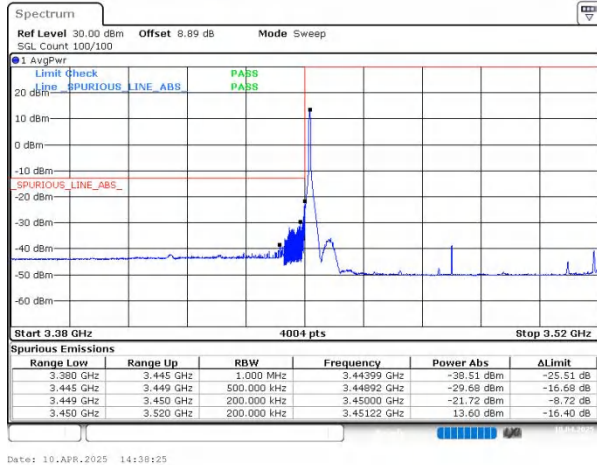
Date: 10.APR.2025 14:37:02

n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz
LowChannel=632334 RB=1@0



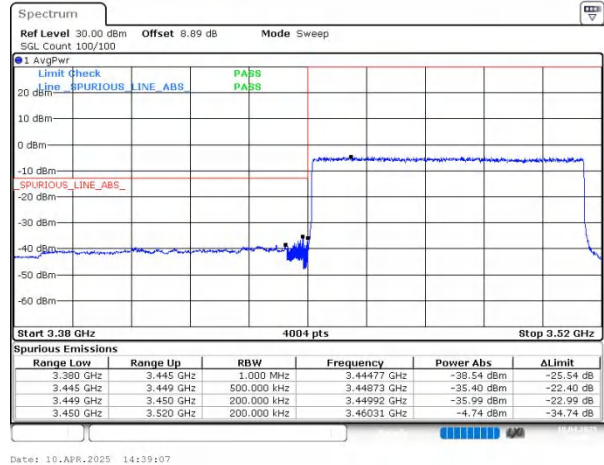
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n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz
LowChannel=632334 RB=180@0



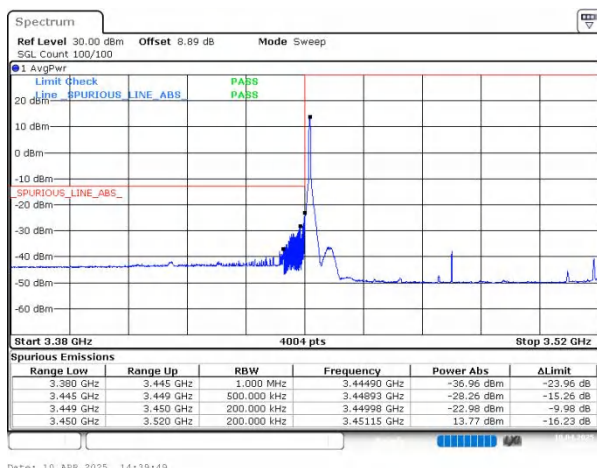
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n78(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz
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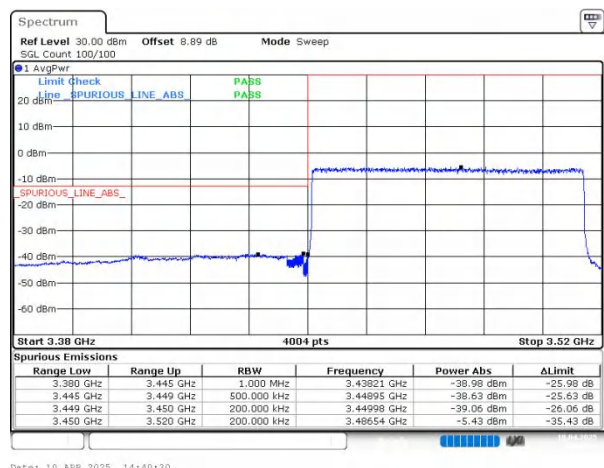
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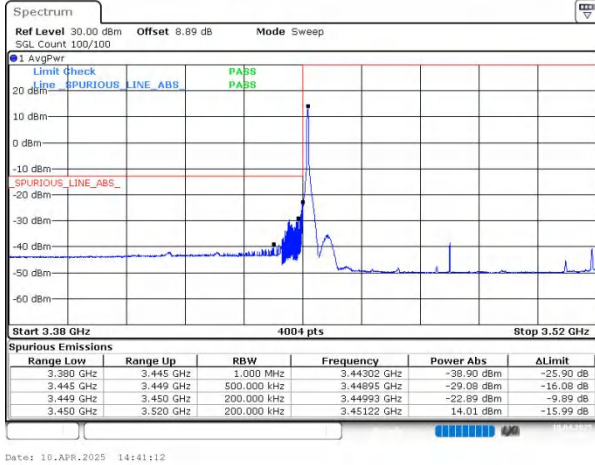
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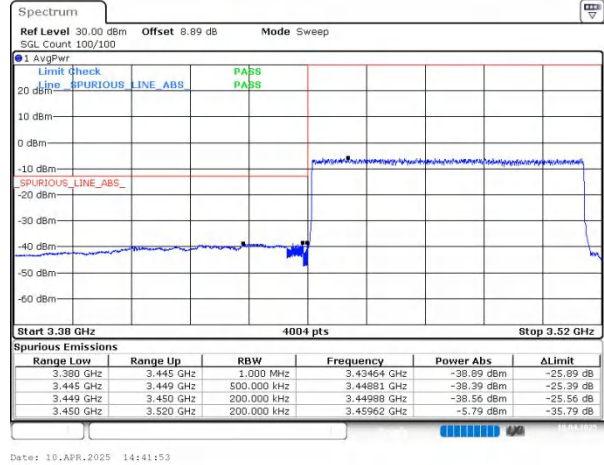


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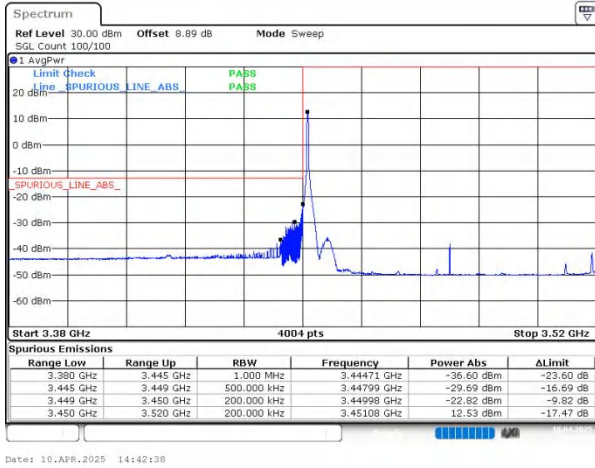
n78(3450-3550) SCS=30kHz DFT_16QAM BW=70MHz
LowChannel=632334 RB=180@0



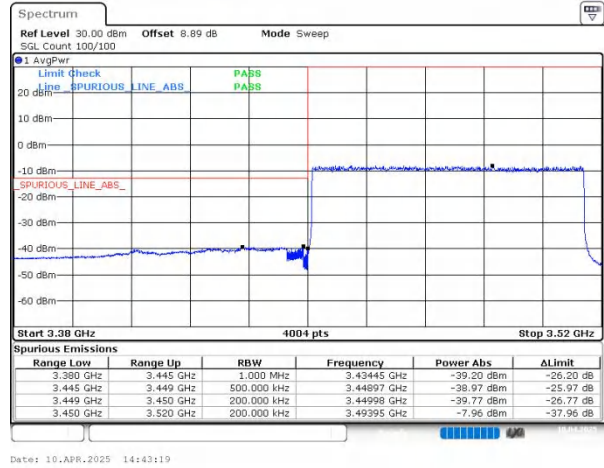
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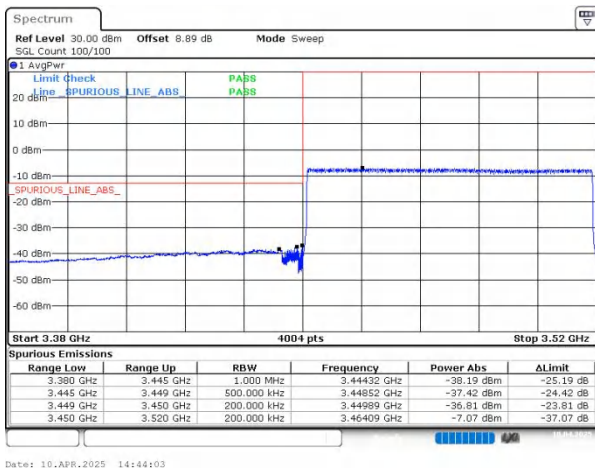
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz
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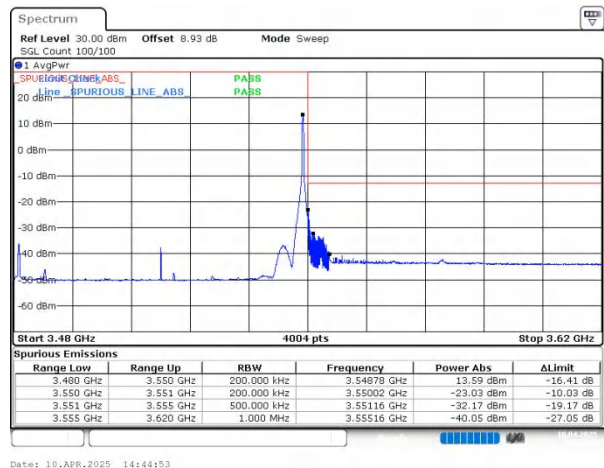
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz
LowChannel=632334 RB=1@0



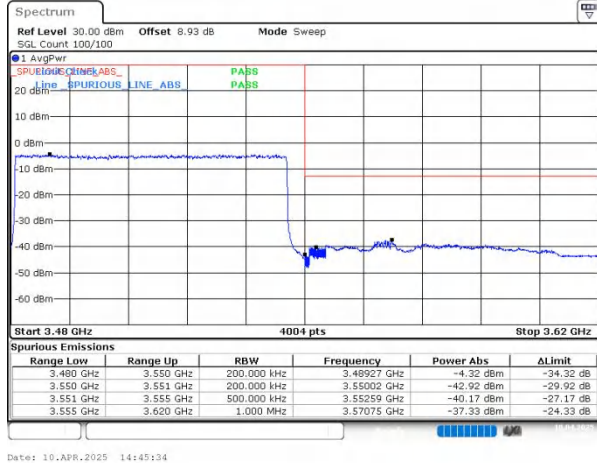
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz
LowChannel=632334 RB=180@0



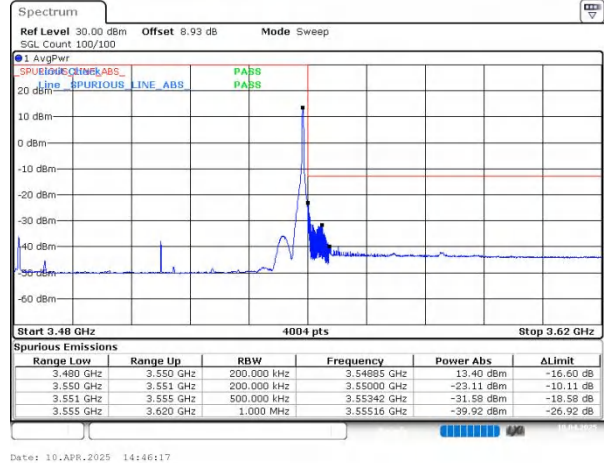
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz
LowChannel=632334 RB=189@0



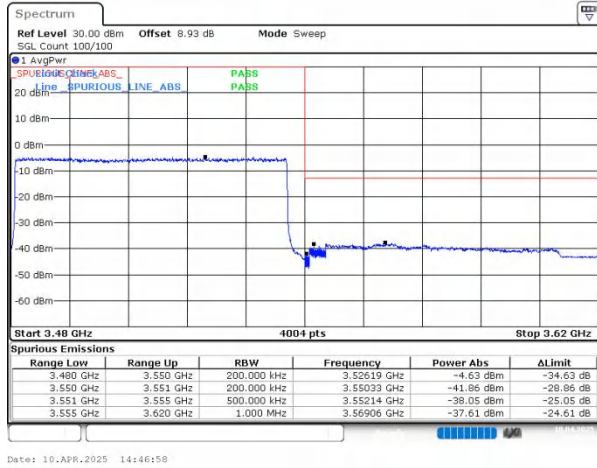
n78(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz
HighChannel=634332 RB=1@188



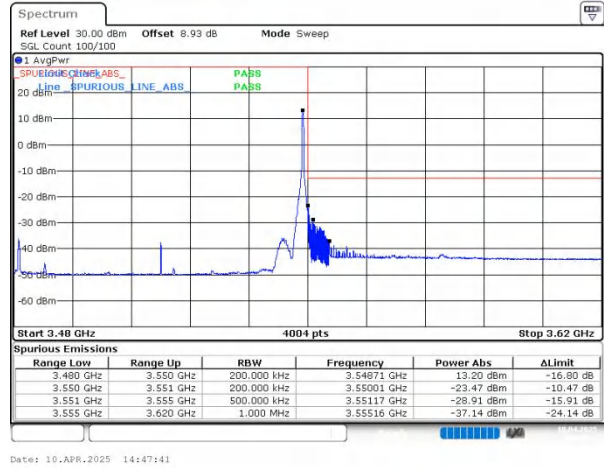
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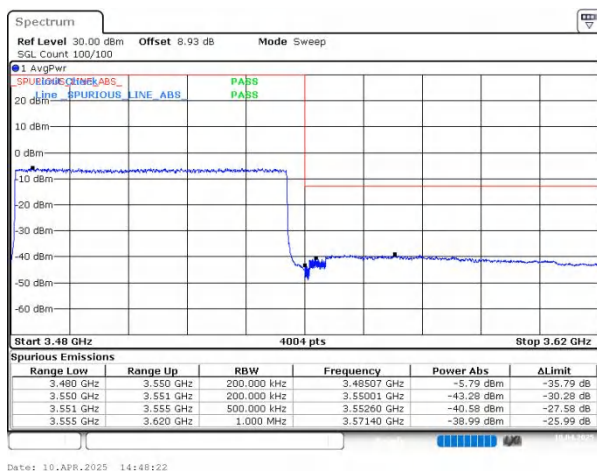
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HighChannel=634332 RB=1@188



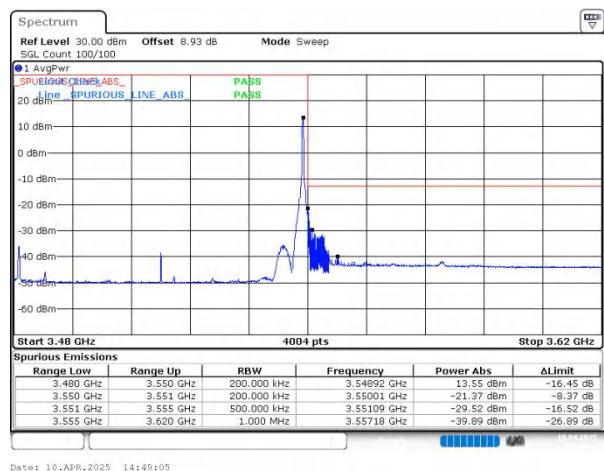
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HighChannel=634332 RB=180@0



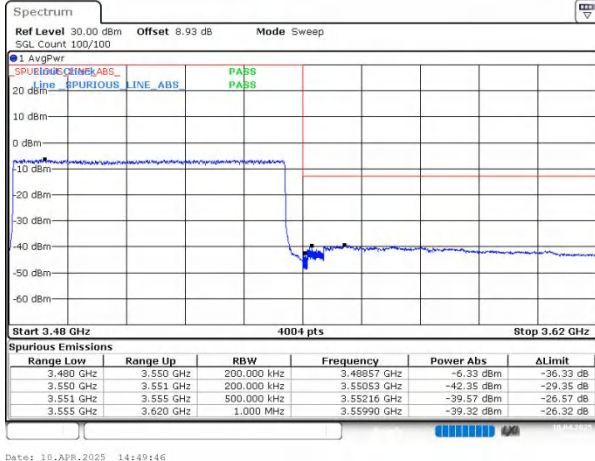
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HighChannel=634332 RB=1@188



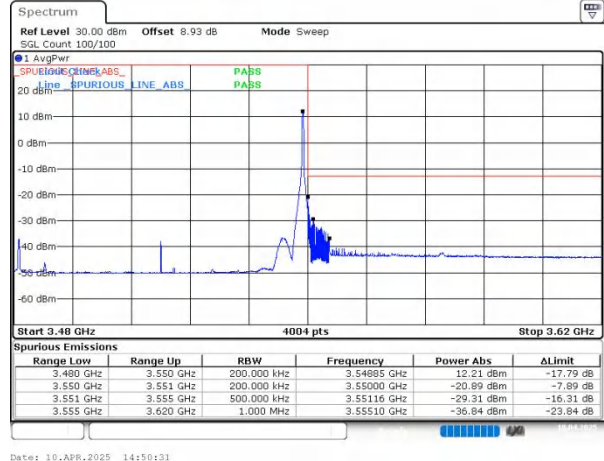
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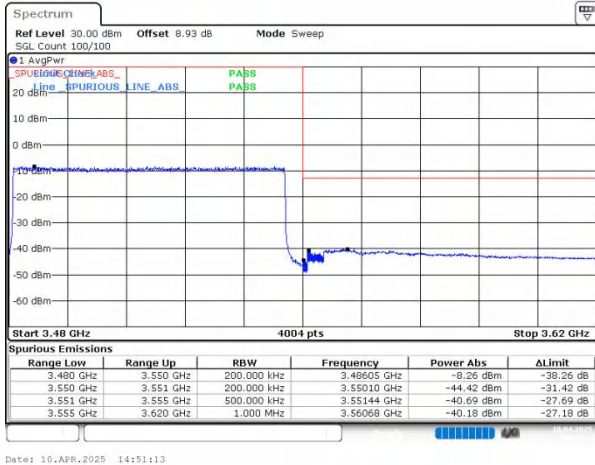
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HighChannel=634332 RB=1@188



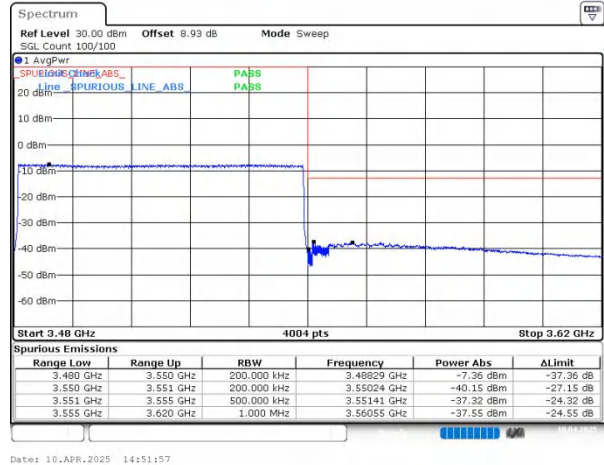
n78(3450-3550) SCS=30kHz DFT_64QAM BW=70MHz
HighChannel=634332 RB=180@0



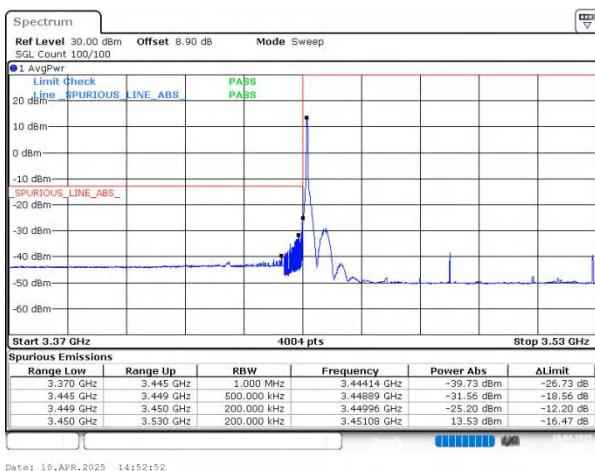
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz
HighChannel=634332 RB=1@188



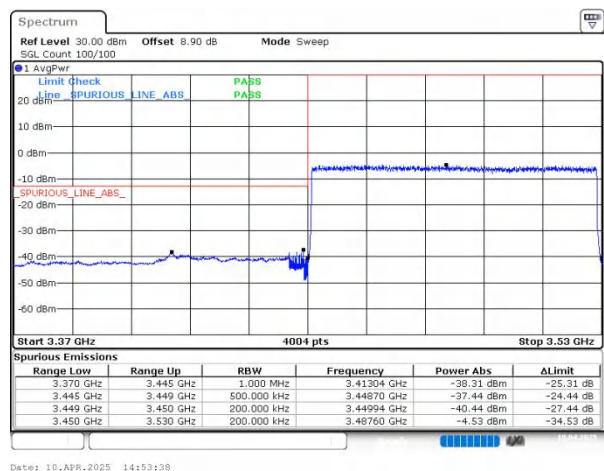
n78(3450-3550) SCS=30kHz DFT_256QAM BW=70MHz
HighChannel=634332 RB=180@0



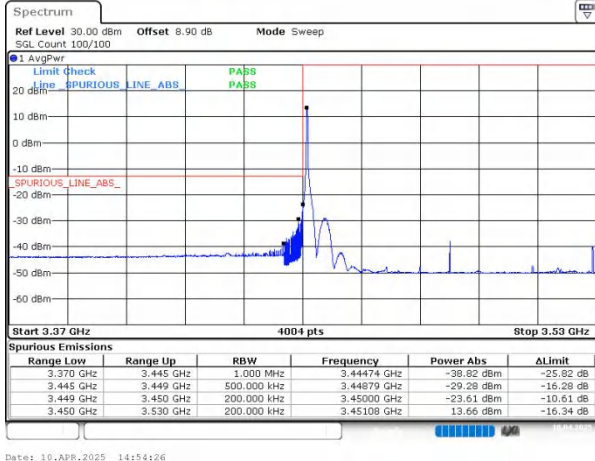
n78(3450-3550) SCS=30kHz CP_QPSK BW=70MHz
HighChannel=634332 RB=189@0



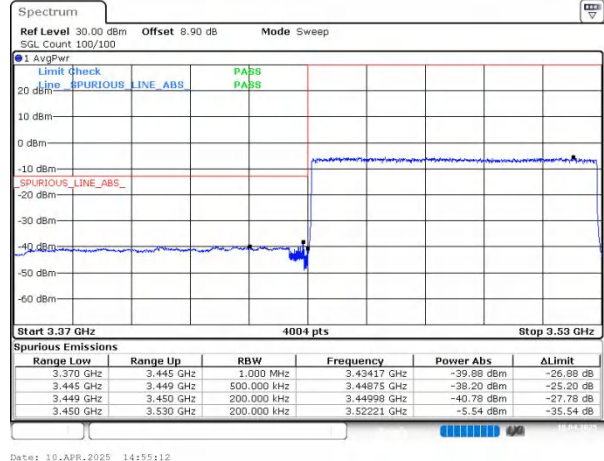
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz
LowChannel=632668 RB=1@0



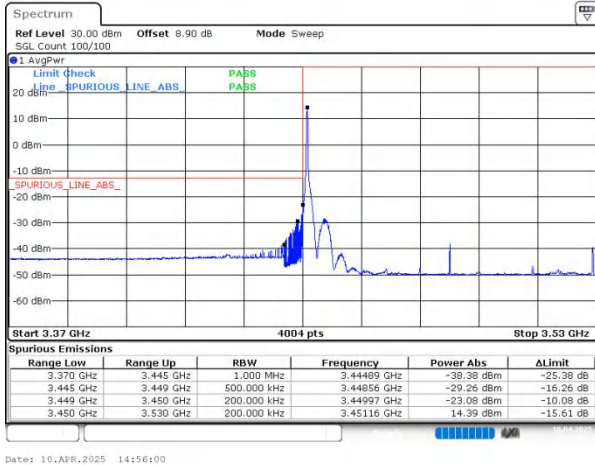
n78(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz
LowChannel=632668 RB=216@0



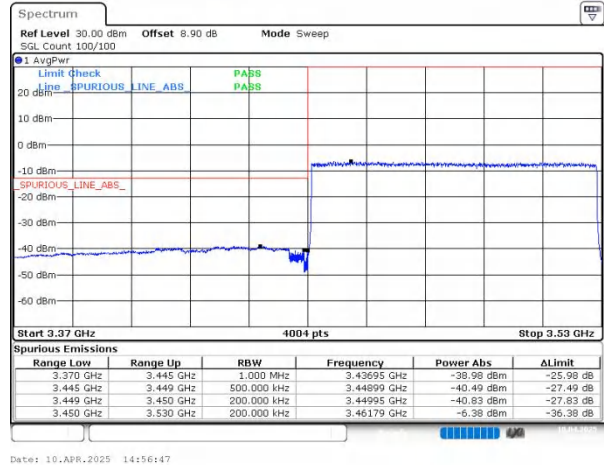
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LowChannel=632668 RB=1@0



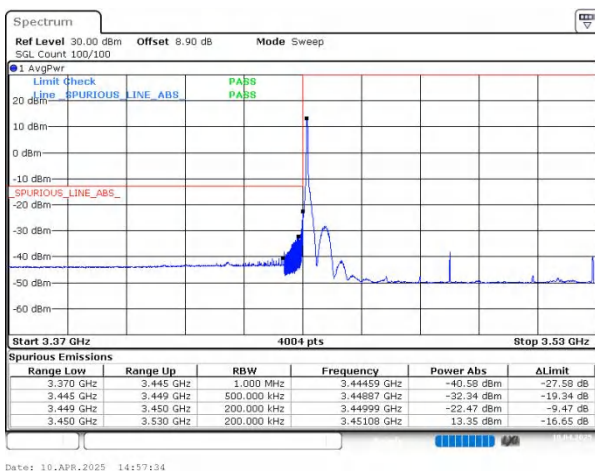
n78(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz
LowChannel=632668 RB=216@0



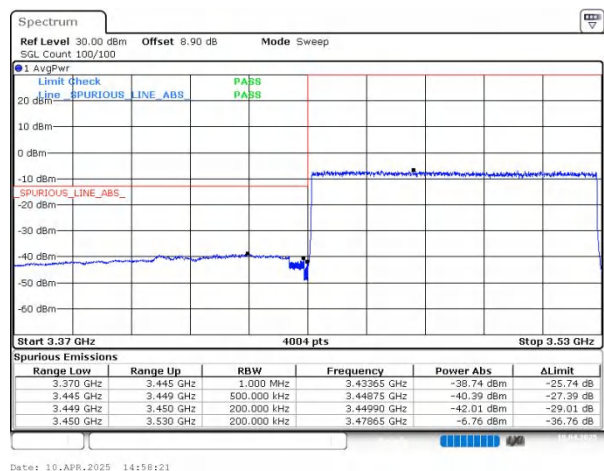
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz
LowChannel=632668 RB=1@0



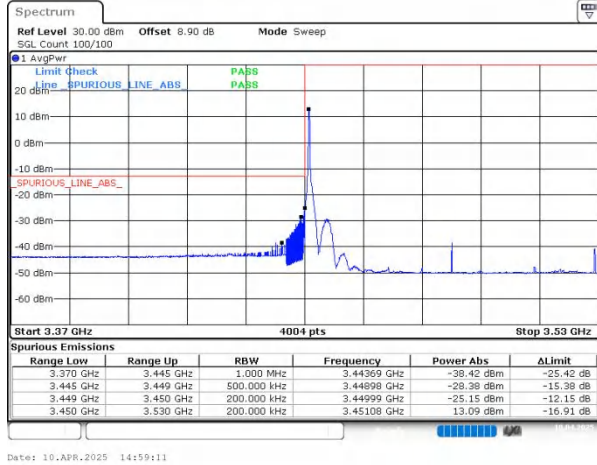
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LowChannel=632668 RB=216@0



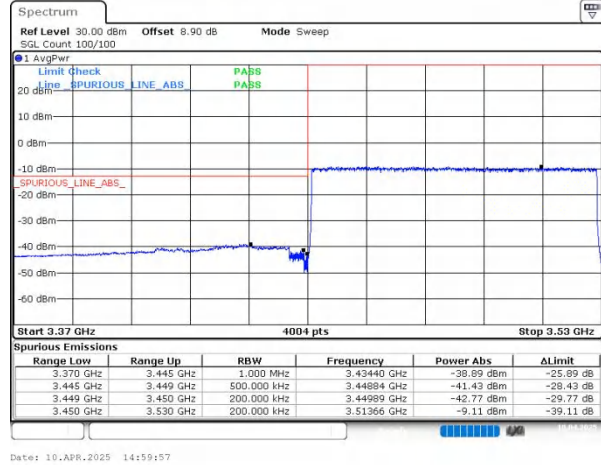
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LowChannel=632668 RB=1@0



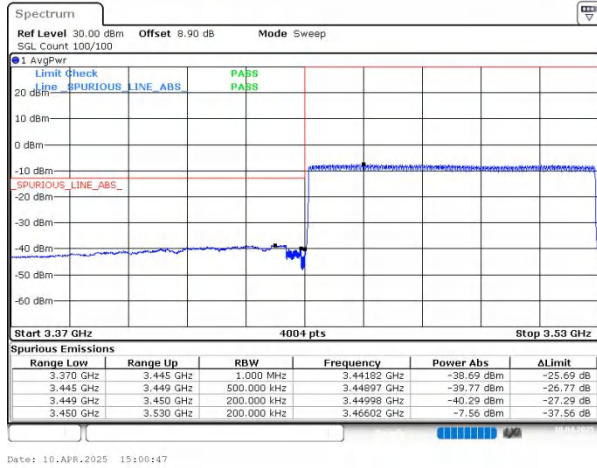
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz
LowChannel=632668 RB=216@0



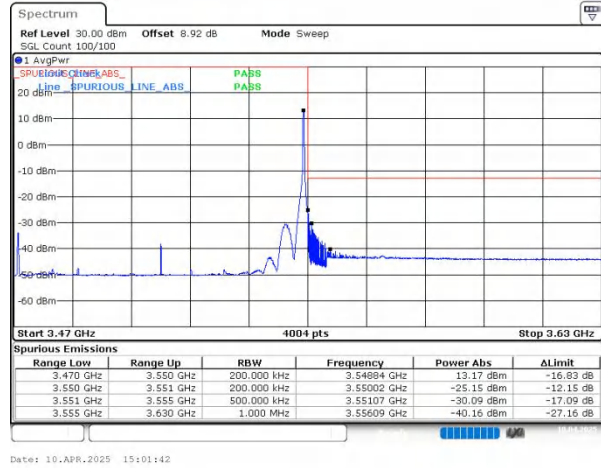
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LowChannel=632668 RB=1@0



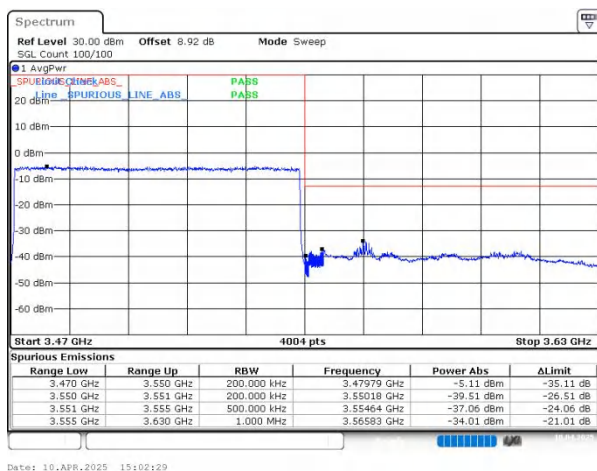
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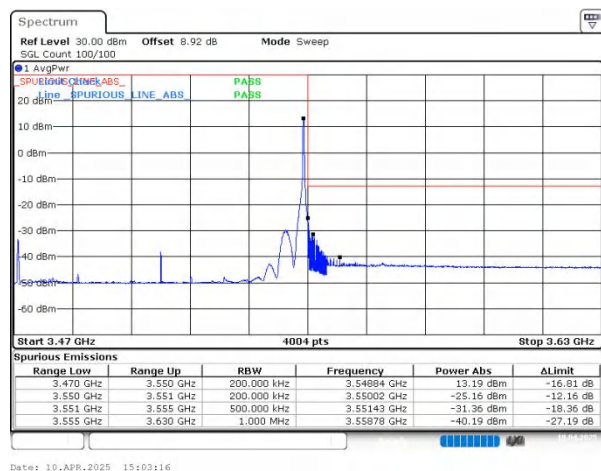
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LowChannel=632668 RB=217@0



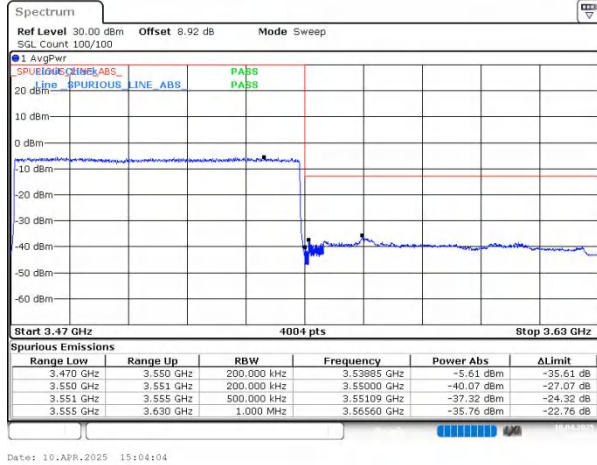
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HighChannel=634000 RB=1@216



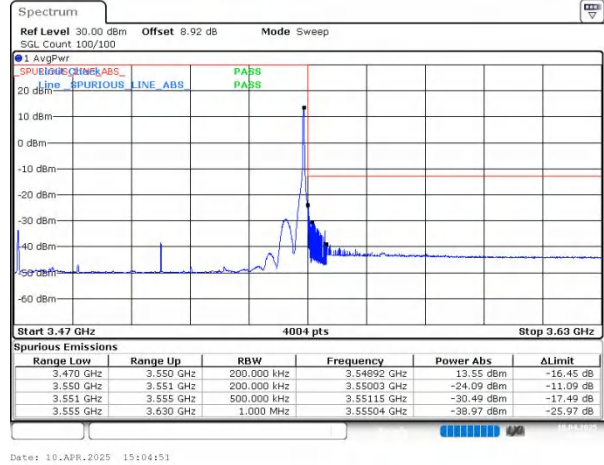
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HighChannel=634000 RB=216@0



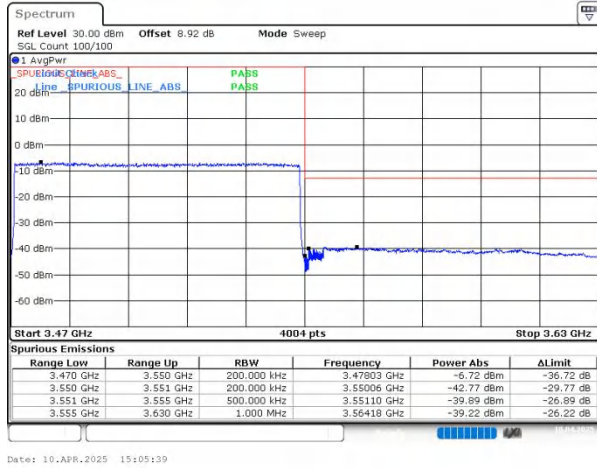
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HighChannel=634000 RB=1@216



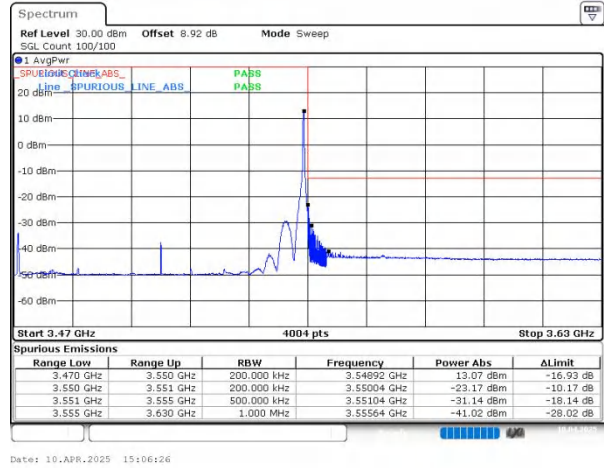
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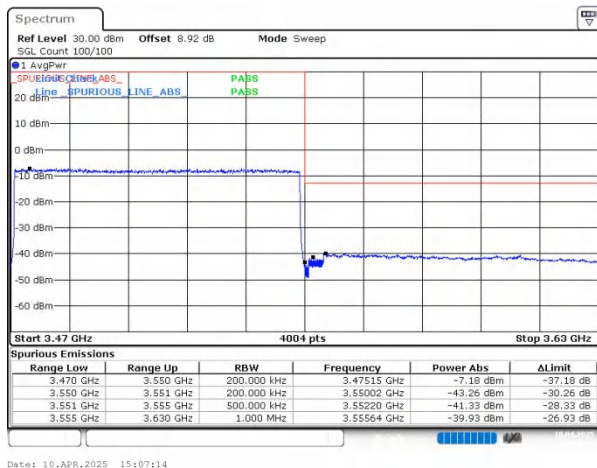
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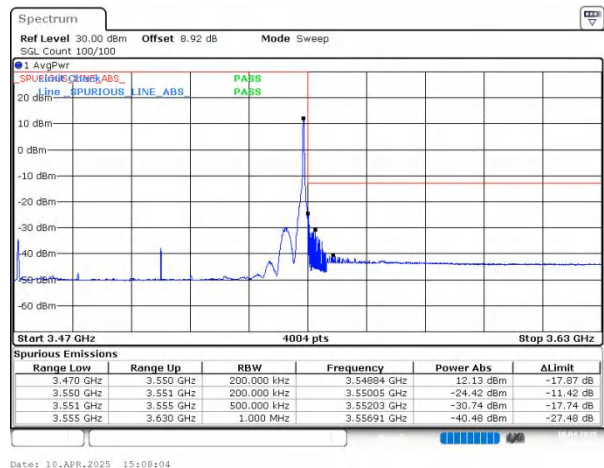
n78(3450-3550) SCS=30kHz DFT_16QAM BW=80MHz
HighChannel=634000 RB=216@0



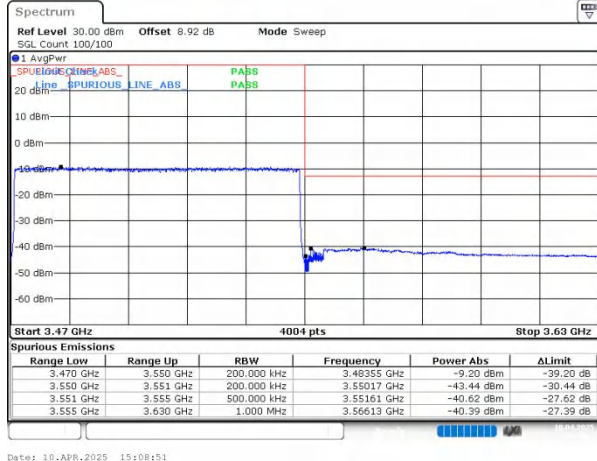
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz
HighChannel=634000 RB=1@216



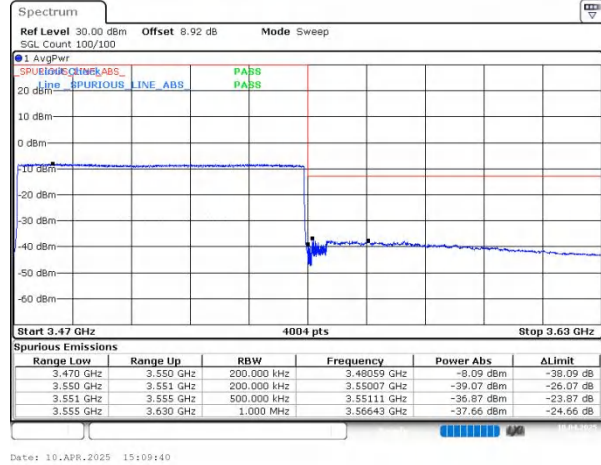
n78(3450-3550) SCS=30kHz DFT_64QAM BW=80MHz
HighChannel=634000 RB=216@0



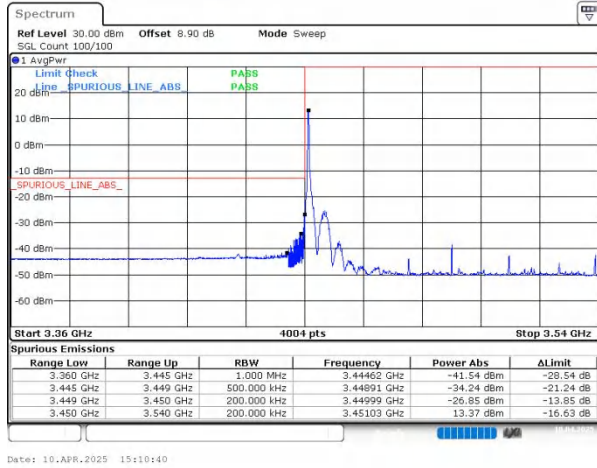
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz
HighChannel=634000 RB=1@216



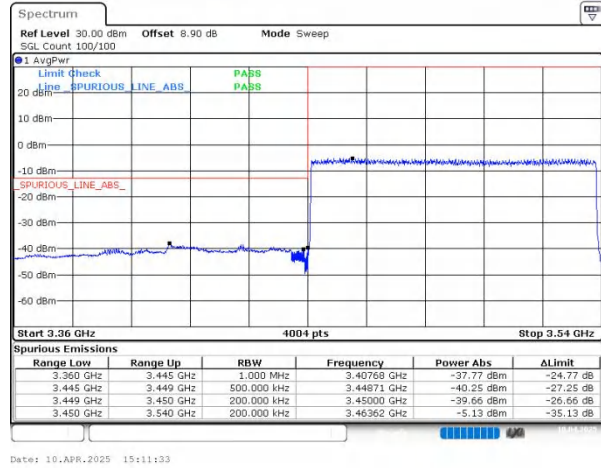
n78(3450-3550) SCS=30kHz DFT_256QAM BW=80MHz
HighChannel=634000 RB=216@0



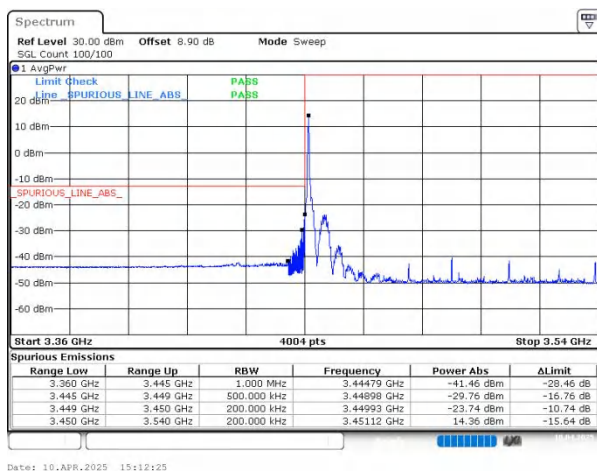
n78(3450-3550) SCS=30kHz CP_QPSK BW=80MHz
HighChannel=634000 RB=217@0



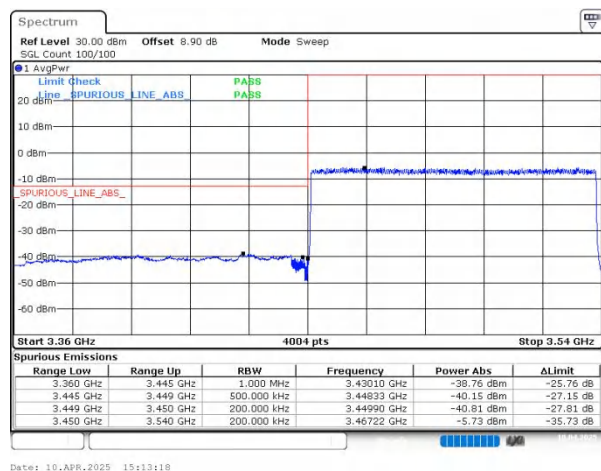
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz
LowChannel=633000 RB=1@0



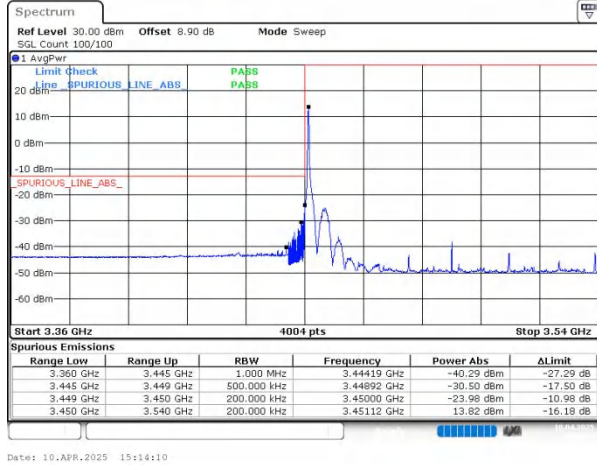
n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz
LowChannel=633000 RB=243@0



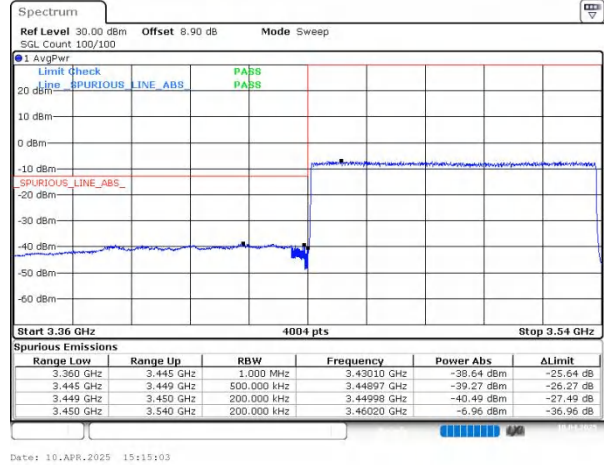
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz
LowChannel=633000 RB=1@0



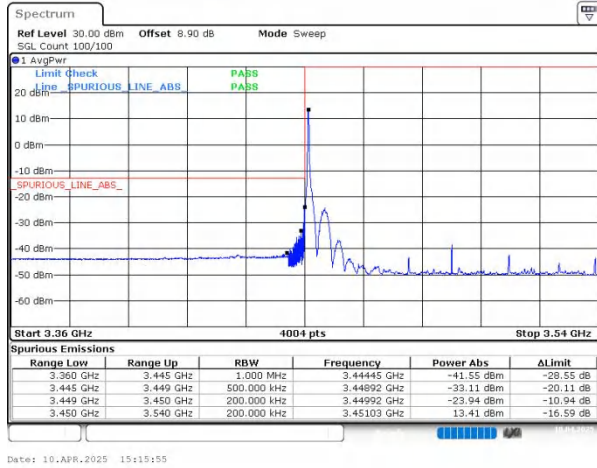
n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz
LowChannel=633000 RB=243@0



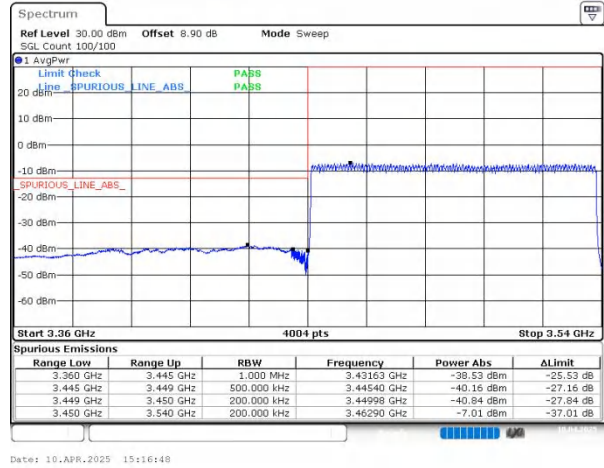
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz
LowChannel=633000 RB=1@0



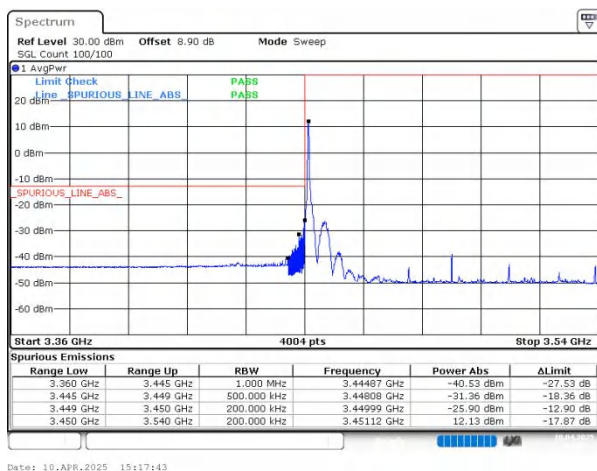
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz
LowChannel=633000 RB=243@0



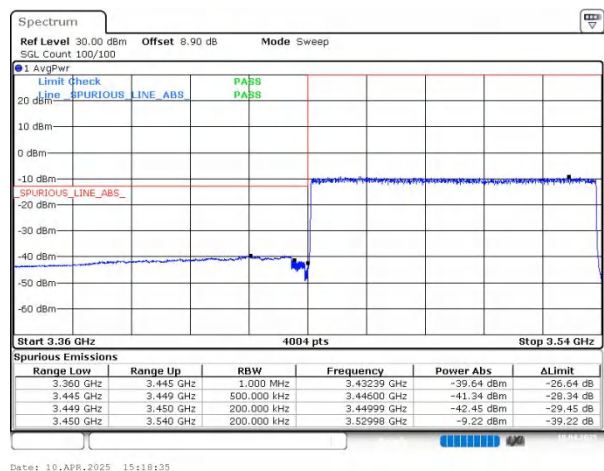
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz
LowChannel=633000 RB=1@0



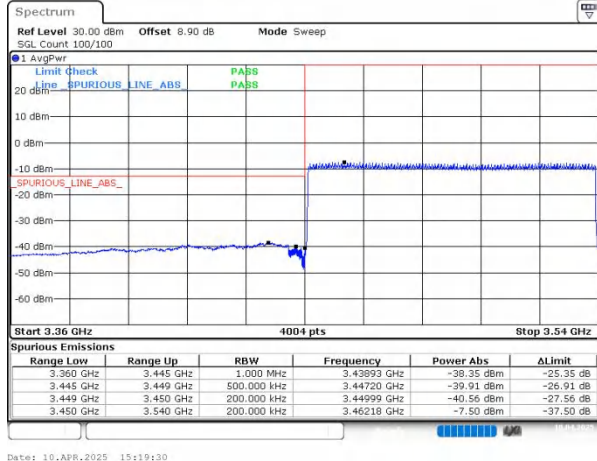
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz
LowChannel=633000 RB=243@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz
LowChannel=633000 RB=1@0

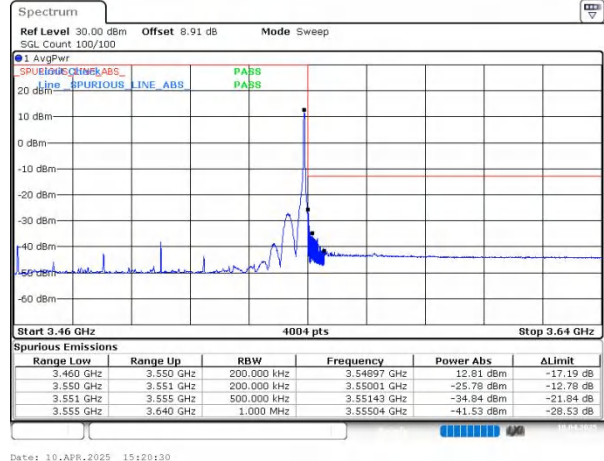


n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz
LowChannel=633000 RB=243@0



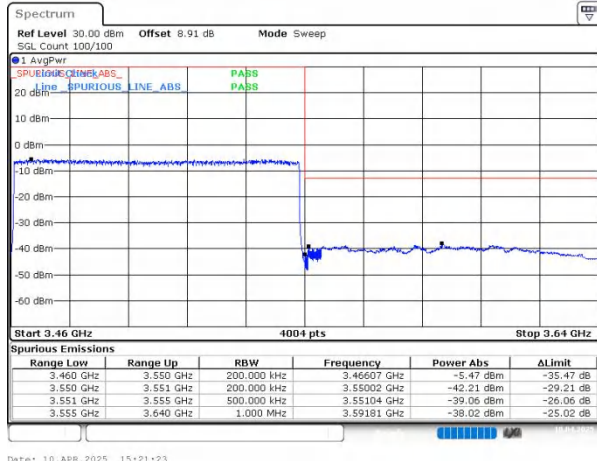
Date: 10.APR.2025 15:19:30

n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz
LowChannel=633000 RB=245@0



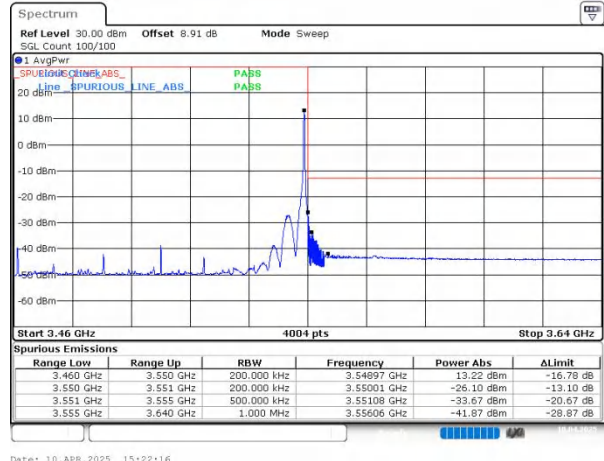
Date: 10.APR.2025 15:20:30

n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz
HighChannel=633666 RB=1@244



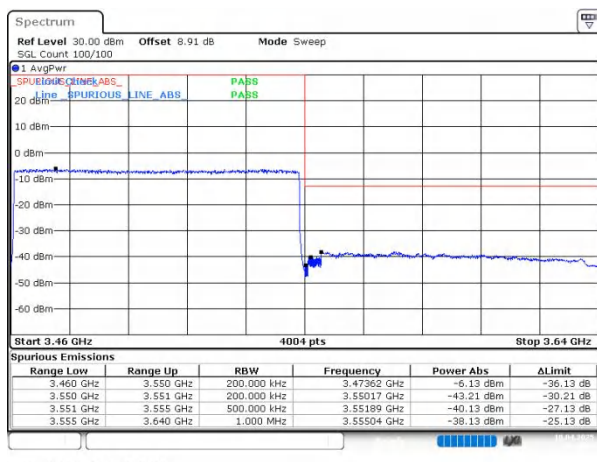
Date: 10.APR.2025 15:21:23

n78(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz
HighChannel=633666 RB=243@0



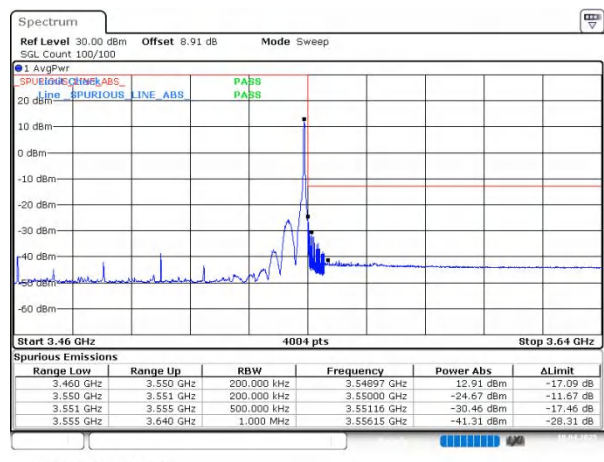
Date: 10.APR.2025 15:22:16

n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz
HighChannel=633666 RB=1@244



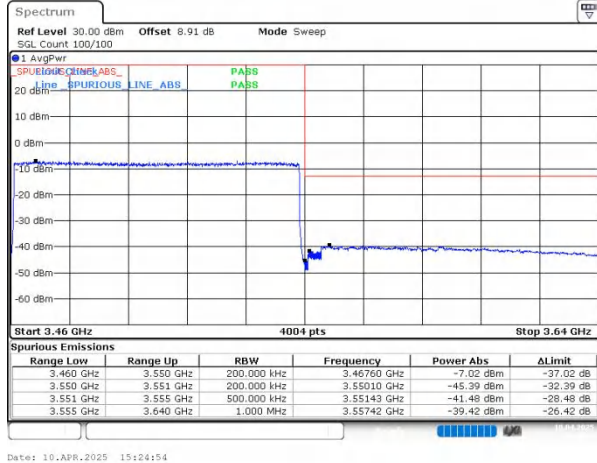
Date: 10.APR.2025 15:23:09

n78(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz
HighChannel=633666 RB=243@0

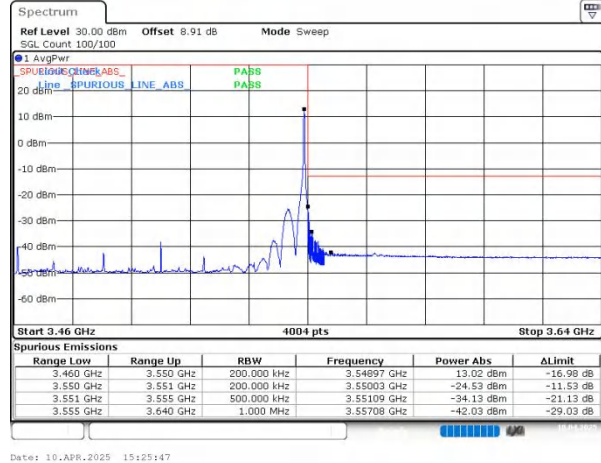


Date: 10.APR.2025 15:24:01

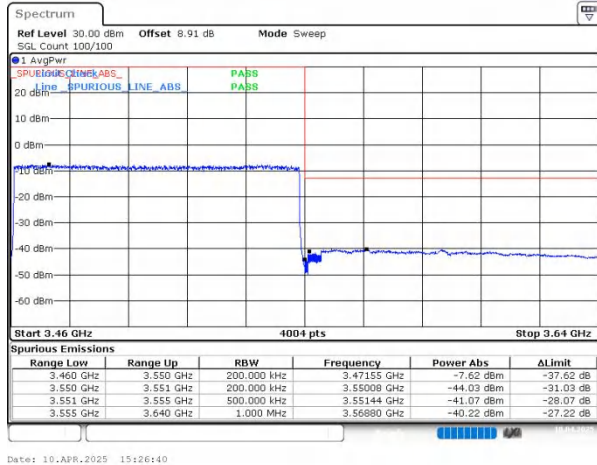
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz
HighChannel=633666 RB=1@244



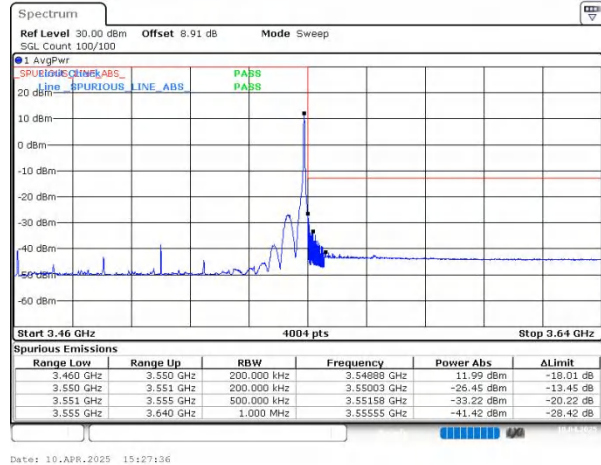
n78(3450-3550) SCS=30kHz DFT_16QAM BW=90MHz
HighChannel=633666 RB=243@0



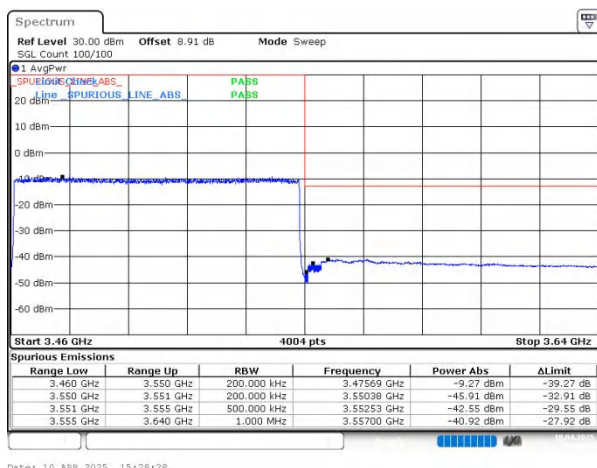
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz
HighChannel=633666 RB=1@244



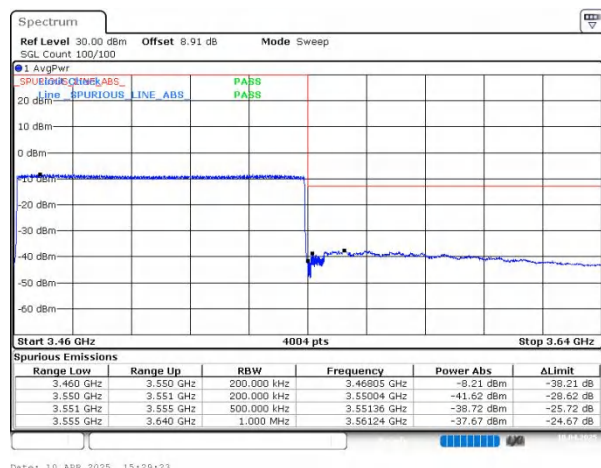
n78(3450-3550) SCS=30kHz DFT_64QAM BW=90MHz
HighChannel=633666 RB=243@0



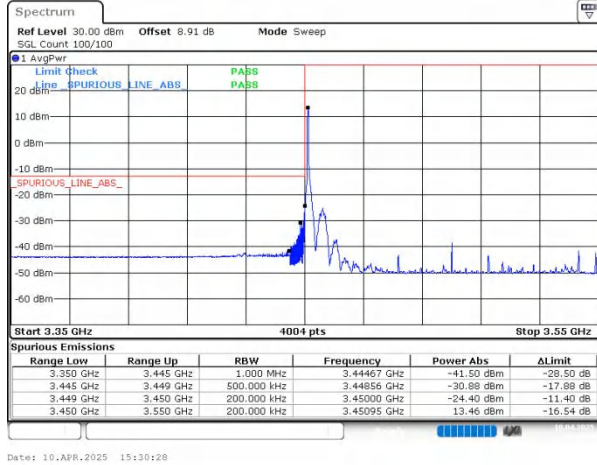
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz
HighChannel=633666 RB=1@244



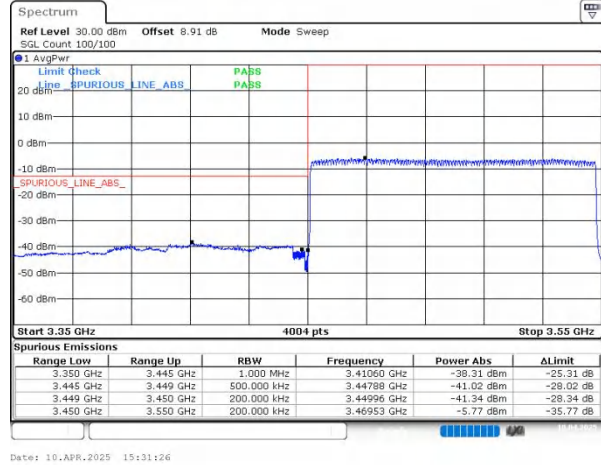
n78(3450-3550) SCS=30kHz DFT_256QAM BW=90MHz
HighChannel=633666 RB=243@0



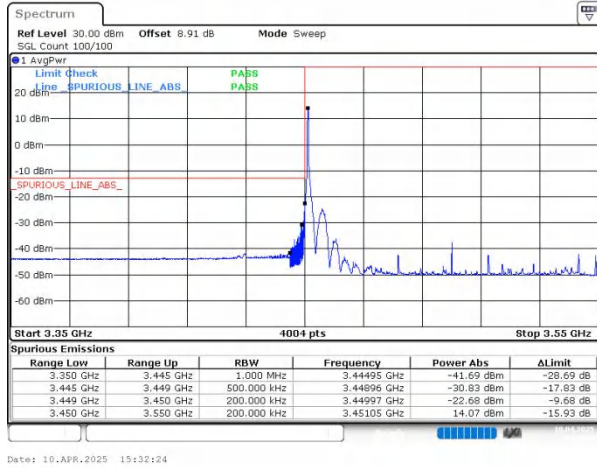
n78(3450-3550) SCS=30kHz CP_QPSK BW=90MHz
HighChannel=633666 RB=245@0



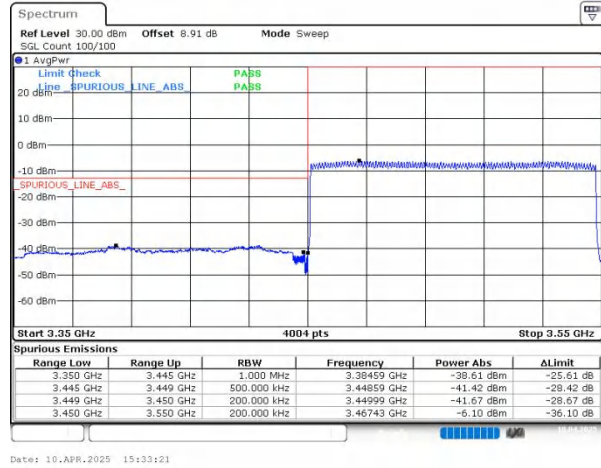
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
LowChannel=633334 RB=1@0



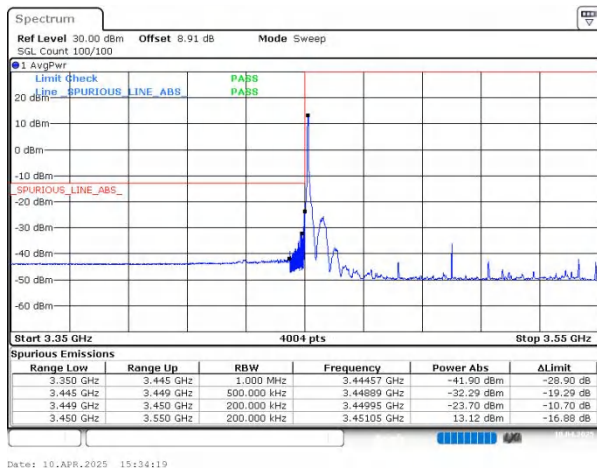
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
LowChannel=633334 RB=270@0



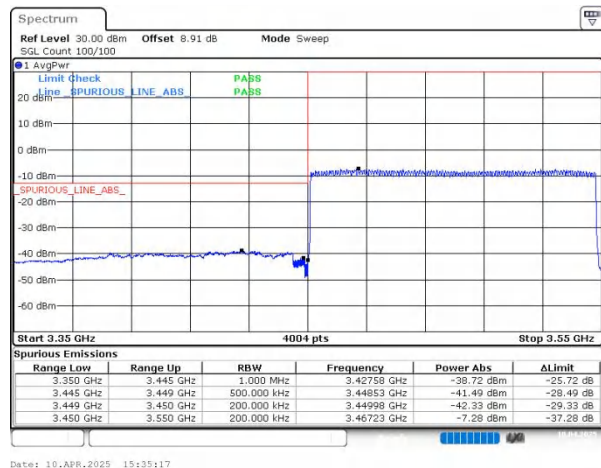
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz
LowChannel=633334 RB=1@0



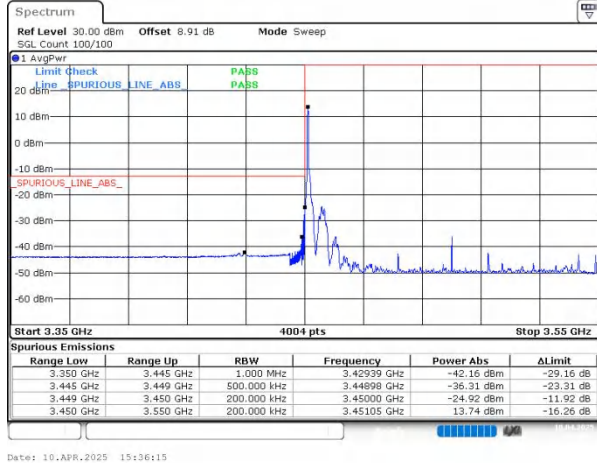
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz
LowChannel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz
LowChannel=633334 RB=1@0

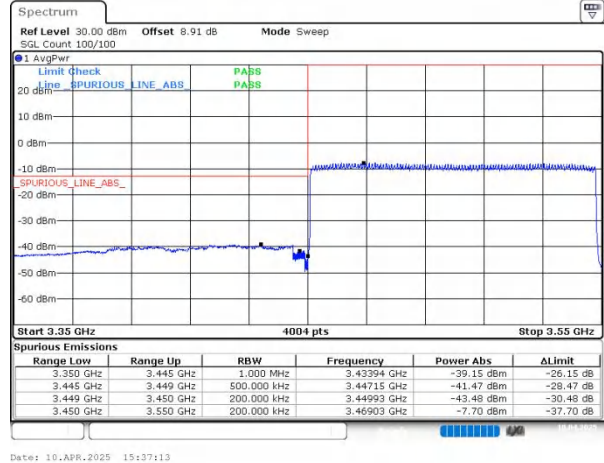


n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz
LowChannel=633334 RB=270@0



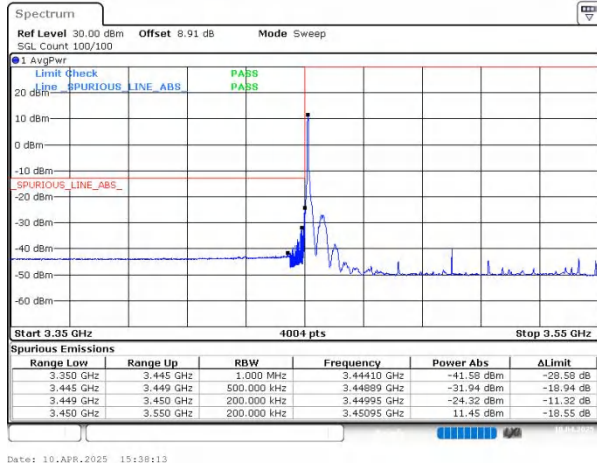
Date: 10.APR.2025 15:36:15

n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz
LowChannel=633334 RB=1@0



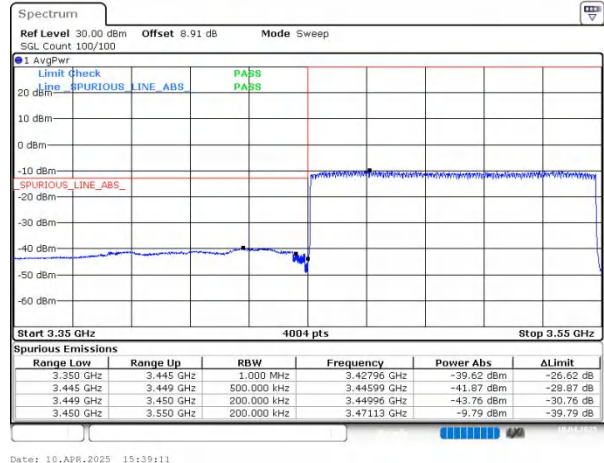
Date: 10.APR.2025 15:37:13

n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz
LowChannel=633334 RB=270@0



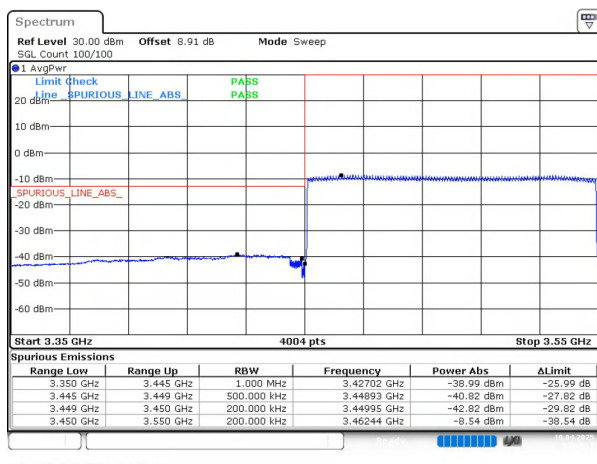
Date: 10.APR.2025 15:38:13

n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz
LowChannel=633334 RB=1@0



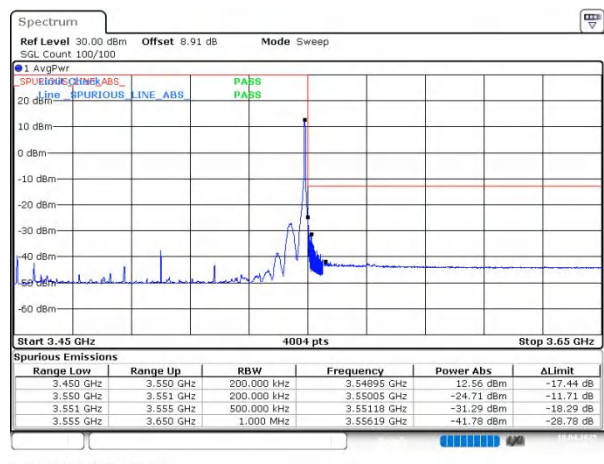
Date: 10.APR.2025 15:39:11

n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz
LowChannel=633334 RB=270@0



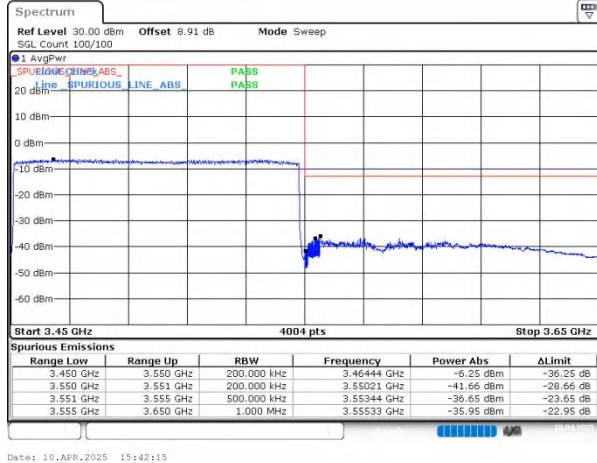
Date: 10.APR.2025 15:40:11

n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz
LowChannel=633334 RB=273@0

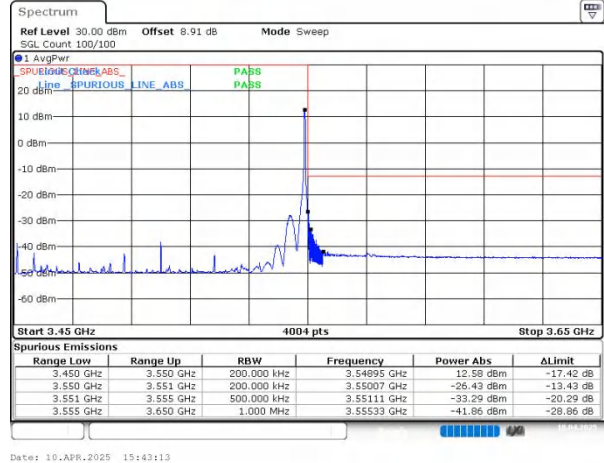


Date: 10.APR.2025 15:41:17

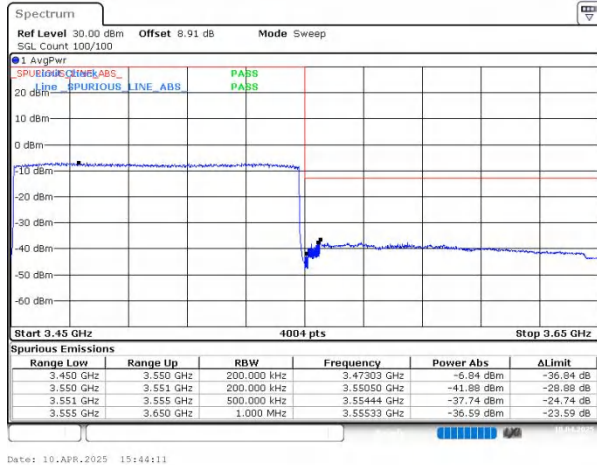
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
HighChannel=633334 RB=1@272



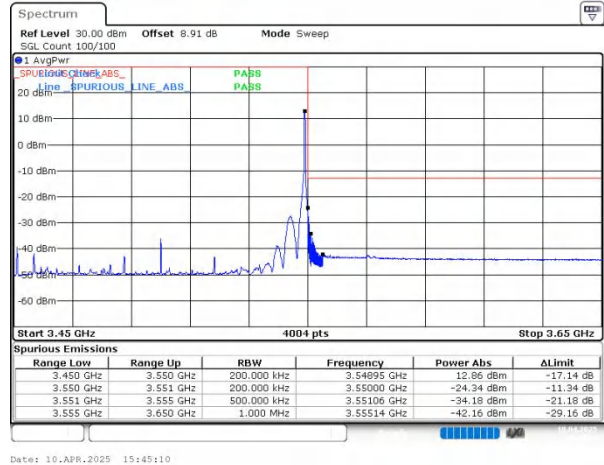
n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
HighChannel=633334 RB=270@0



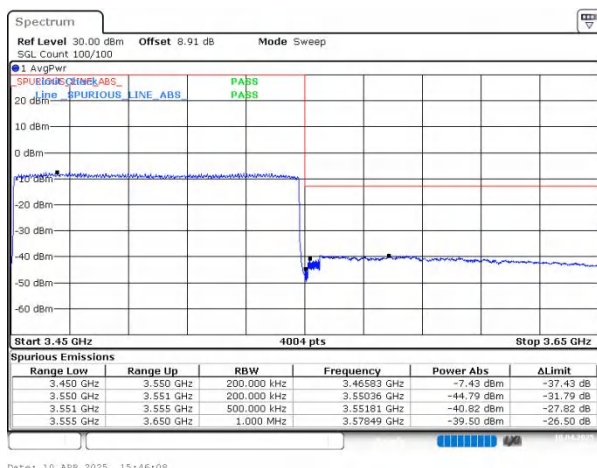
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz
HighChannel=633334 RB=1@272



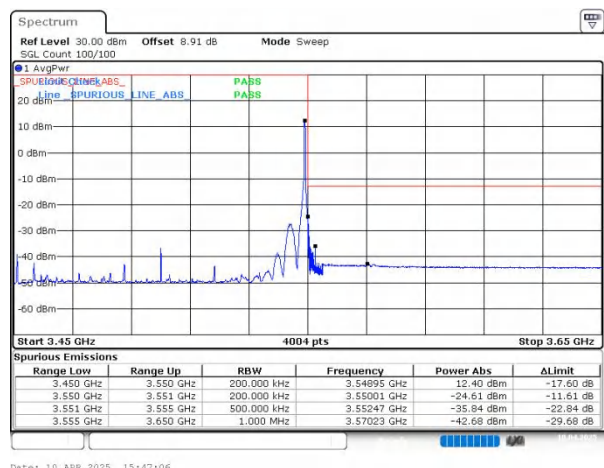
n78(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz
HighChannel=633334 RB=270@0



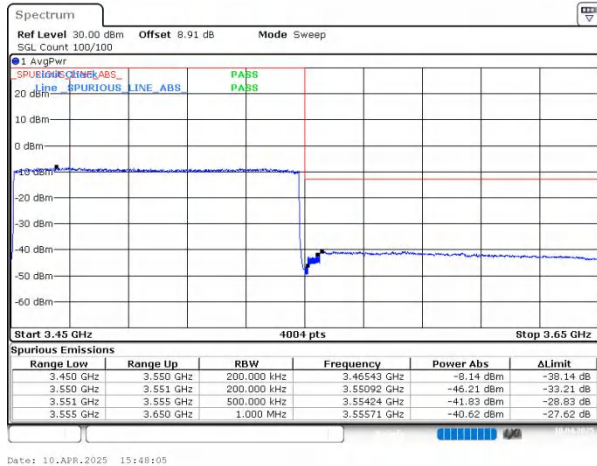
n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz
HighChannel=633334 RB=1@272



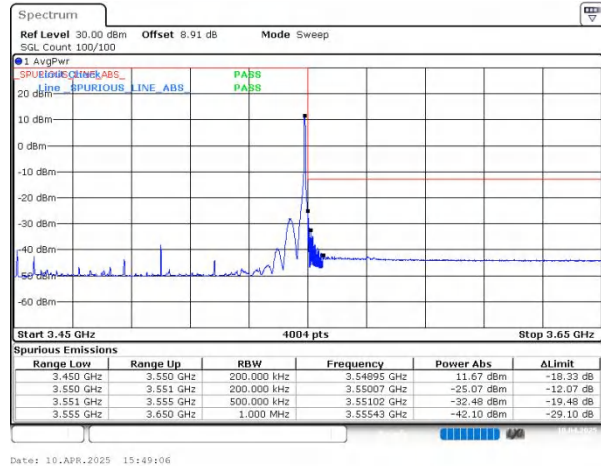
n78(3450-3550) SCS=30kHz DFT_16QAM BW=100MHz
HighChannel=633334 RB=270@0



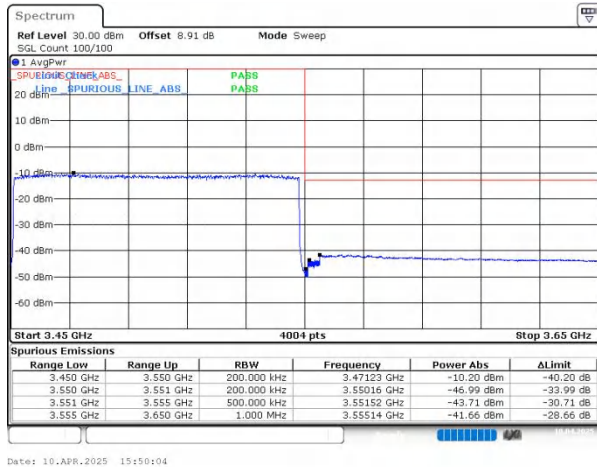
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz
HighChannel=633334 RB=1@272



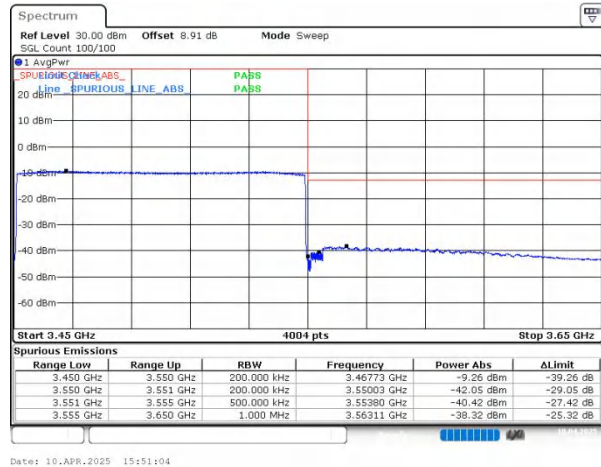
n78(3450-3550) SCS=30kHz DFT_64QAM BW=100MHz
HighChannel=633334 RB=270@0



n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz
HighChannel=633334 RB=1@272

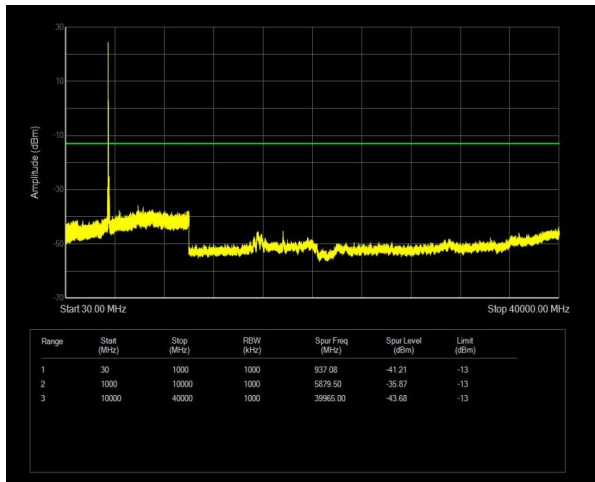


n78(3450-3550) SCS=30kHz DFT_256QAM BW=100MHz
HighChannel=633334 RB=270@0

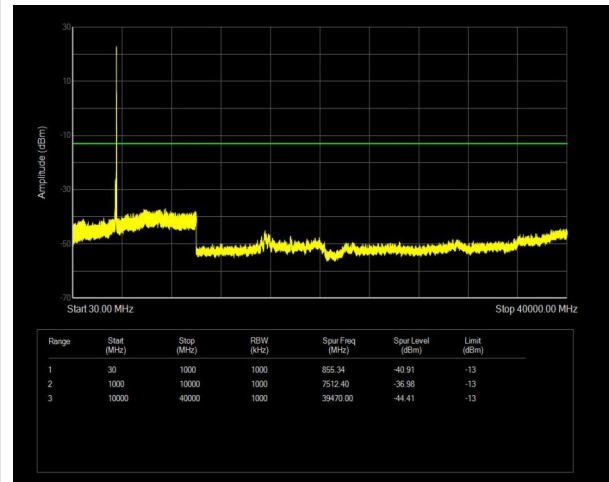


n78(3450-3550) SCS=30kHz CP_QPSK BW=100MHz
HighChannel=633334 RB=273@0

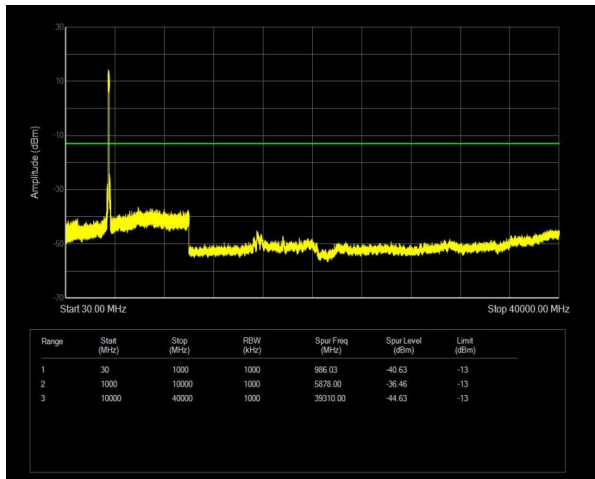
6. Conducted Spurious Emissions



n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
Channel=633334 RB=1@0



n78(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz
Channel=633334 RB=1@272



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

7. Radiated Spurious Emissions

n77(3.45G) - DFT-s-OFDM - PI/2 BPSK - 100M - Low Channel									
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA. Reading (dBm)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
8466	-42.16	-13	-29.16	-64.95	-46.75	6.94	11.53	H	Pass
9796	-41.39	-13	-28.39	-65.16	-45.71	7.4	11.72	H	Pass
14570	-34.53	-13	-21.53	-67.08	-38.43	9.91	13.81	H	Pass
6898	-44.16	-13	-31.16	-65.26	-49.08	6.38	11.3	V	Pass
8340	-40.35	-13	-27.35	-64.87	-44.94	6.89	11.48	V	Pass
15004	-30.29	-13	-17.29	-65.37	-34.1	10.4	14.21	V	Pass
n78(3.45G) - DFT-s-OFDM - PI/2 BPSK - 100M - Low Channel									
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA. Reading (dBm)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
8466	-43.12	-13	-30.12	-65.55	-47.71	6.94	11.53	H	Pass
11532	-38.65	-13	-25.65	-67.28	-43.12	8.09	12.56	H	Pass
15004	-34.58	-13	-21.58	-66.9	-38.39	10.4	14.21	H	Pass
8452	-41.09	-13	-28.09	-65.71	-45.65	6.94	11.5	V	Pass
13254	-35.75	-13	-22.75	-66.55	-39.32	8.88	12.45	V	Pass
15074	-32.18	-13	-19.18	-67.02	-36.08	10.45	14.35	V	Pass
DC_4A_n78A - DFT-s-OFDM - PI/2 BPSK - 100M - Low Channel									
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA. Reading (dBm)	S.G. Power (dBm)	Cable loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
6996	-22.12	-13	-9.12	-41.2	-26.46	6.41	10.75	H	Pass
10496	-31.39	-13	-18.39	-55.72	-35.56	7.63	11.8	H	Pass
14010	-39.65	-13	-26.65	-70.04	-43.65	9.27	13.27	H	Pass
5764	-51.35	-13	-38.35	-69.25	-57.38	5.97	12	V	Pass
6996	-34.19	-13	-21.19	-55.72	-38.53	6.41	10.75	V	Pass
10496	-50.26	-13	-37.26	-77.08	-54.43	7.63	11.8	V	Pass

Note: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.