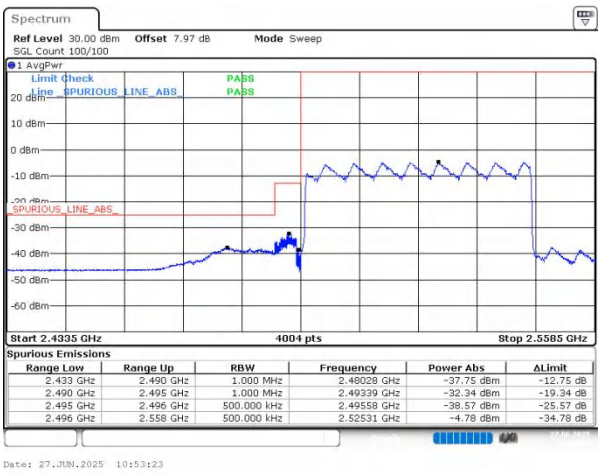
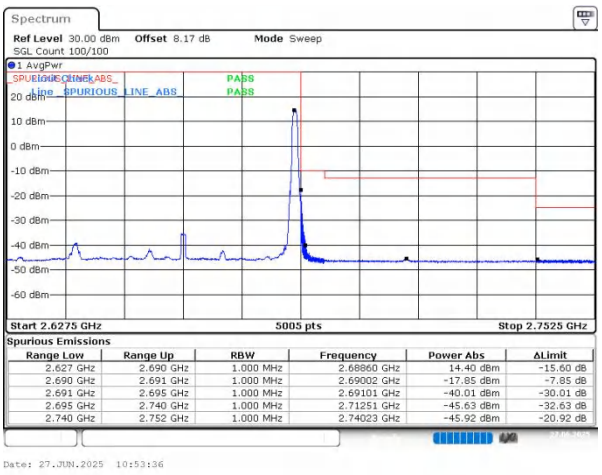
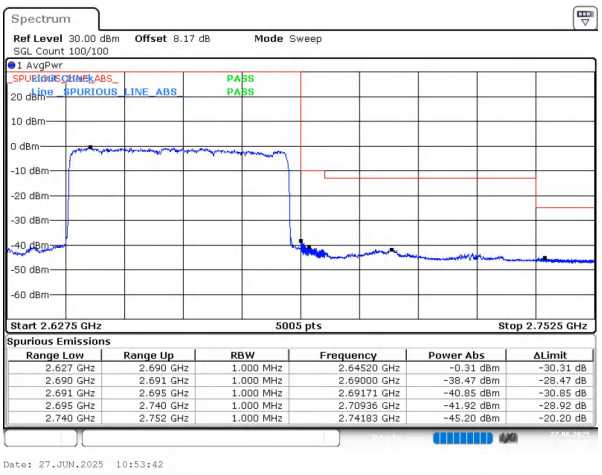


n41 SCS=30kHz CP_QPSK BW=50MHz LowChannel=504204 RB=133@0



n41 SCS=30kHz DFT_BPSK BW=50MHz HighChannel=532998 RB=1@132



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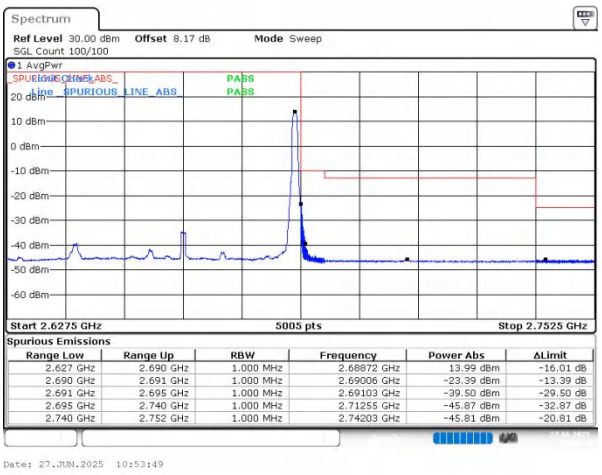

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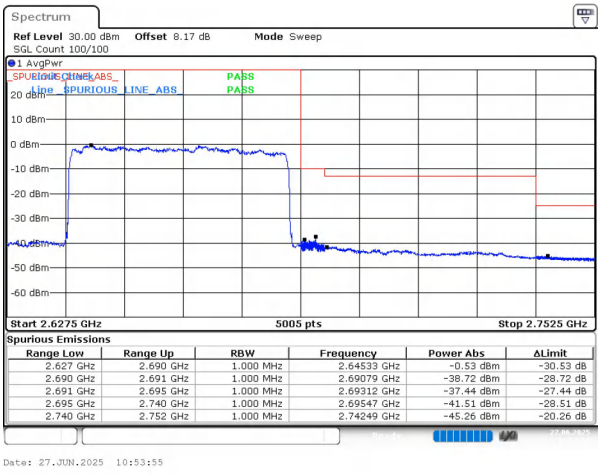

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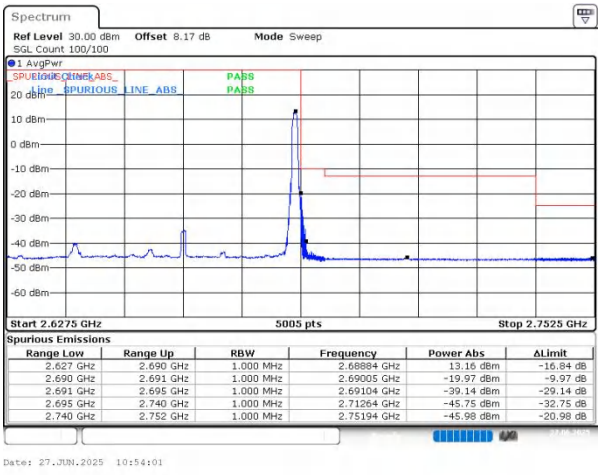

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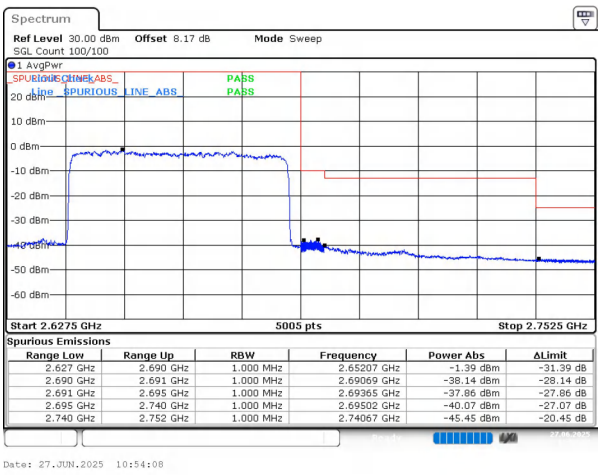

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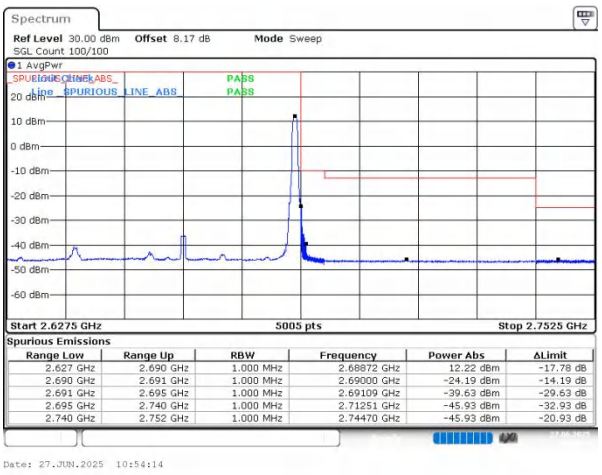
HighChannel=532998 RB=128@0



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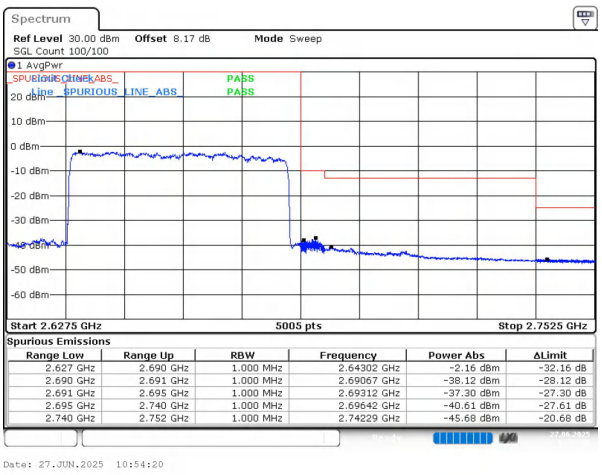
HighChannel=532998 RB=1@132



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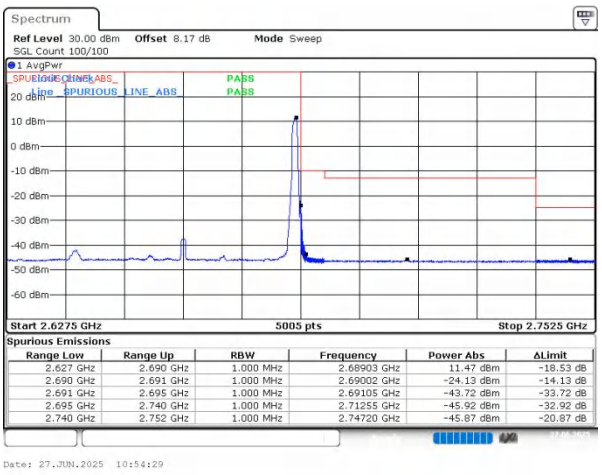

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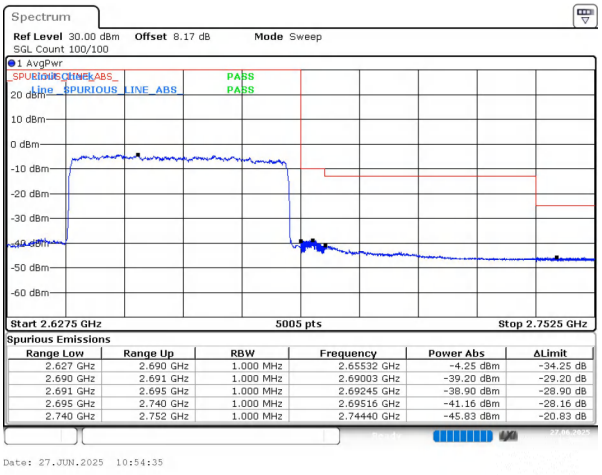

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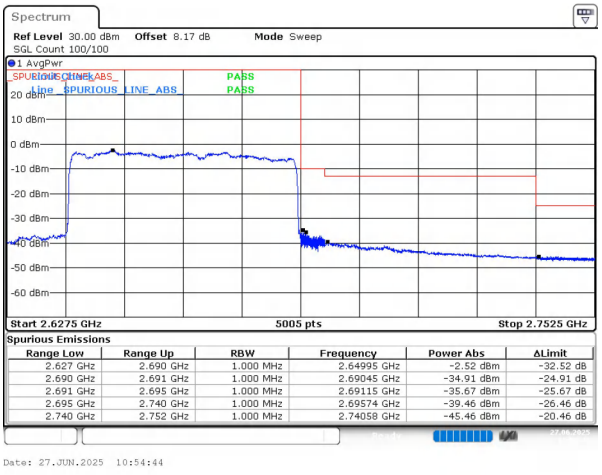
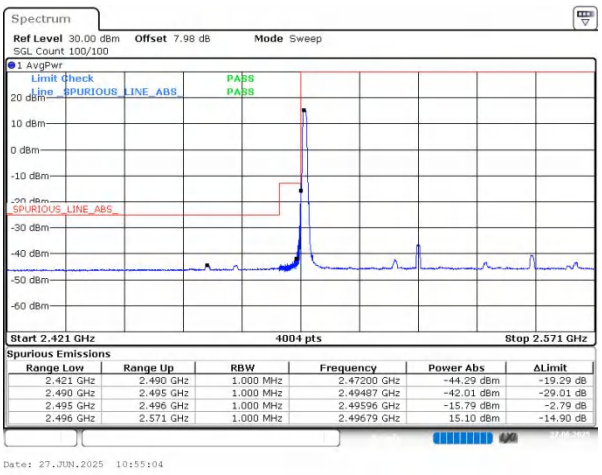
HighChannel=532998 RB=128@0

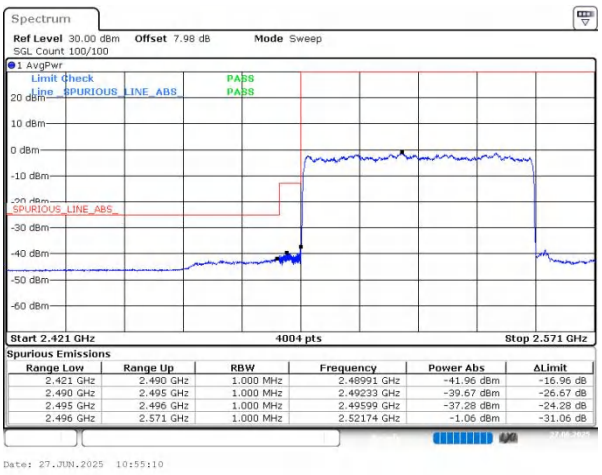


n41 SCS=30kHz CP_QPSK BW=50MHz HighChannel=532998

RB=133@0



n41 SCS=30kHz DFT_BPSK BW=60MHz LowChannel=505200 RB=1@0



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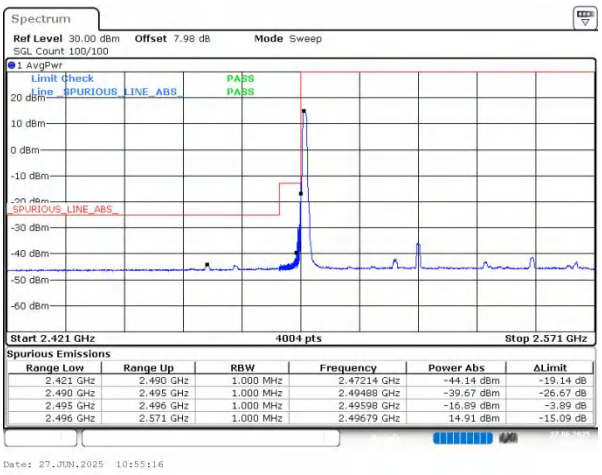

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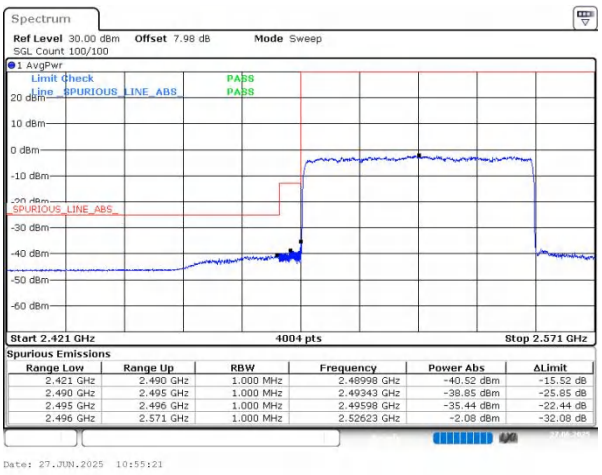

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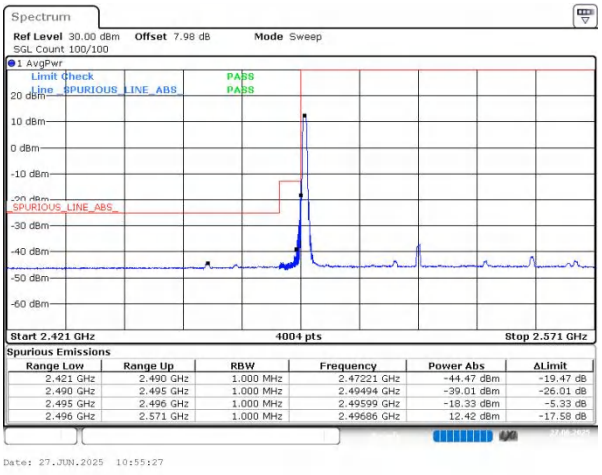

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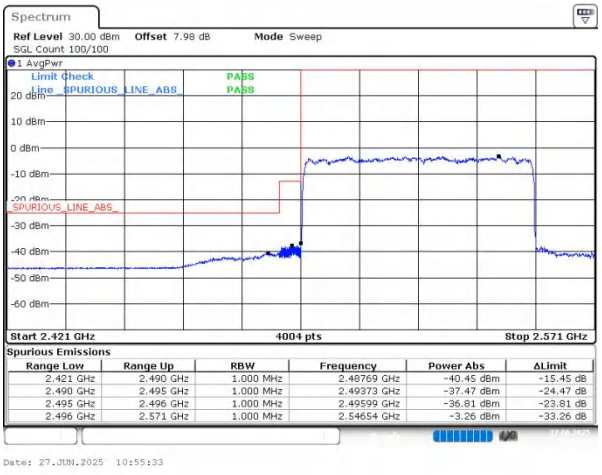

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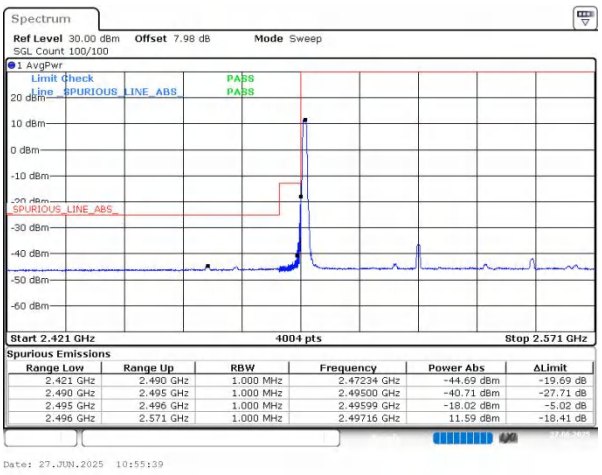
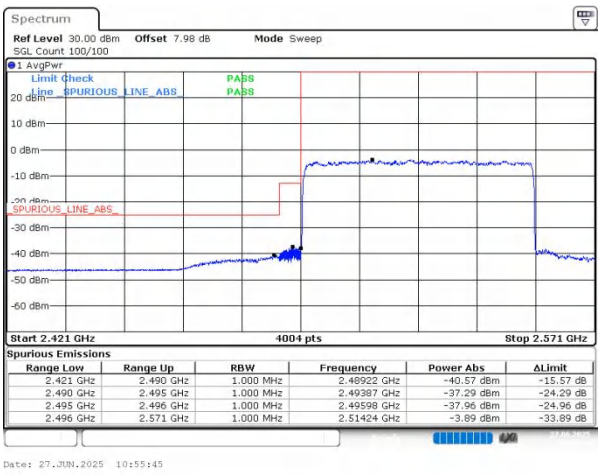


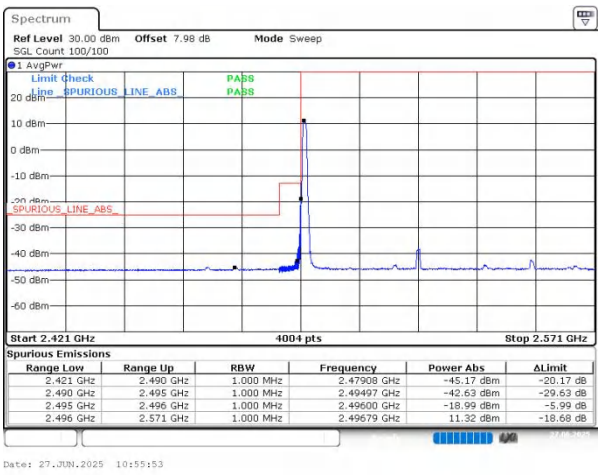
n41 SCS=30kHz DFT_64QAM BW=60MHz

LowChannel=505200 RB=1@0



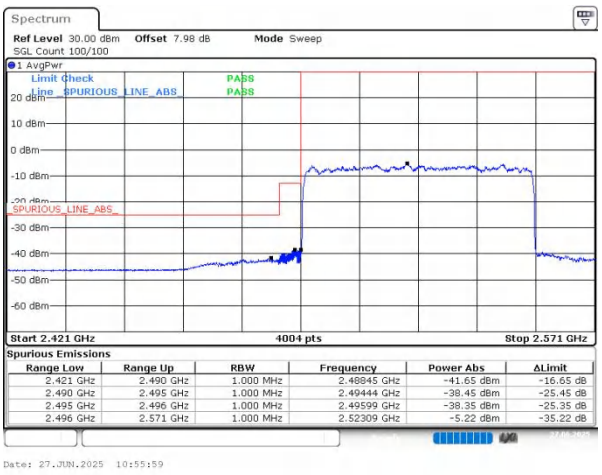
n41 SCS=30kHz DFT_64QAM BW=60MHz

LowChannel=505200 RB=162@0



n41 SCS=30kHz DFT_256QAM BW=60MHz

LowChannel=505200 RB=1@0



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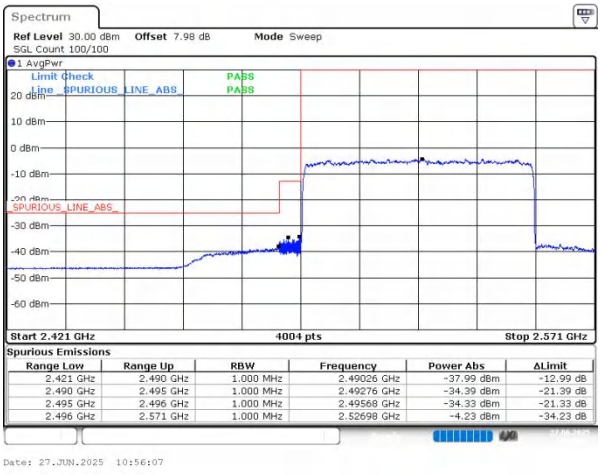
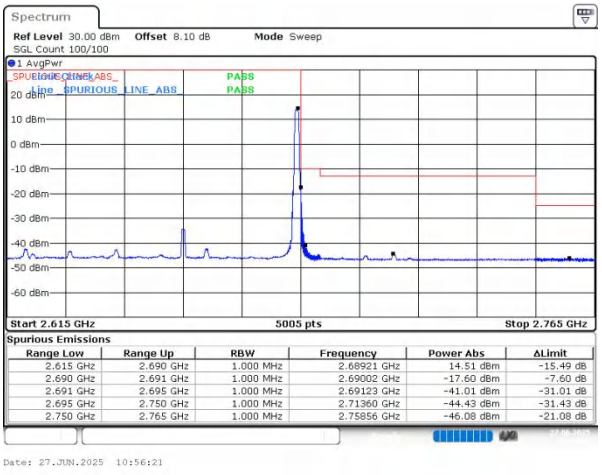


n41 SCS=30kHz CP_QPSK BW=60MHz LowChannel=505200

RB=162@0



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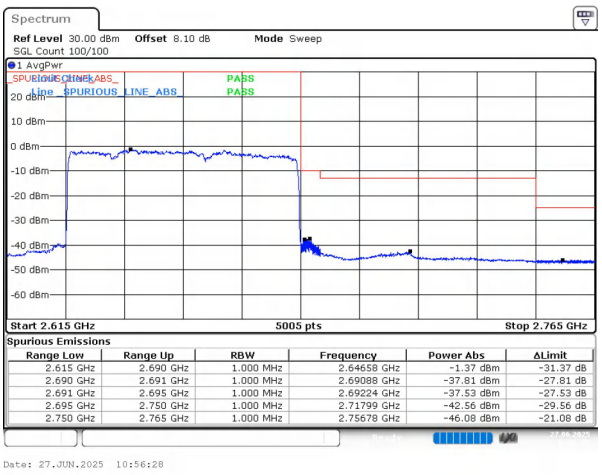

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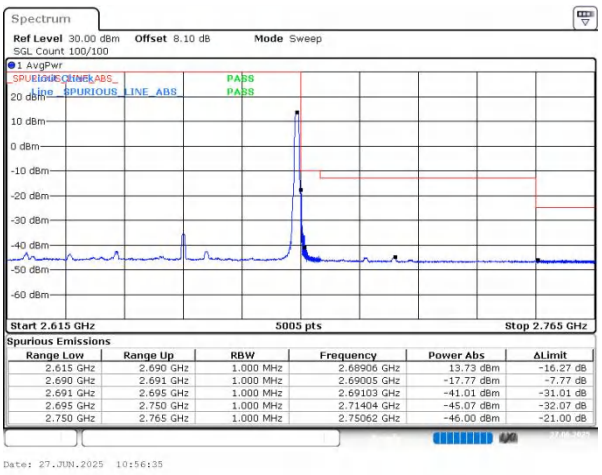

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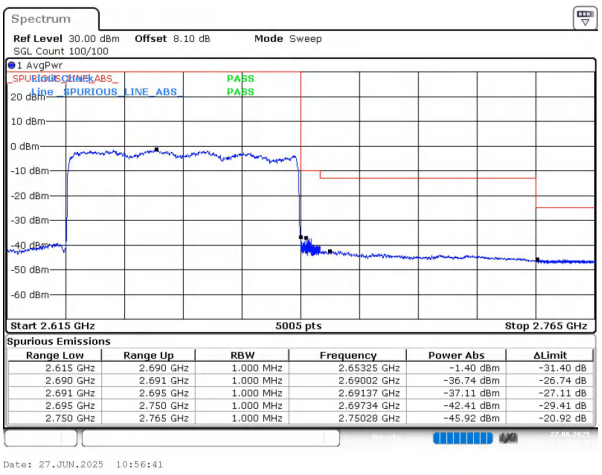

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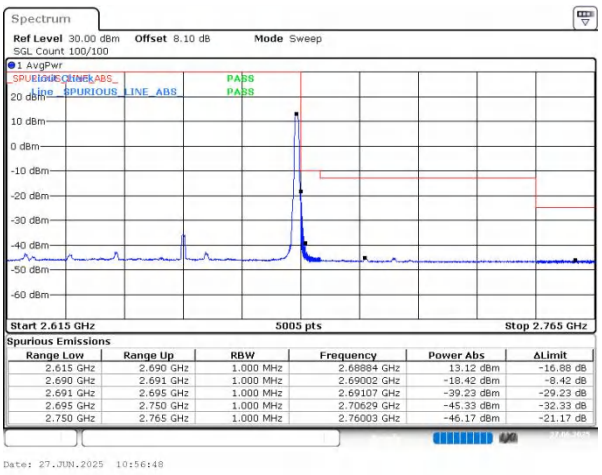

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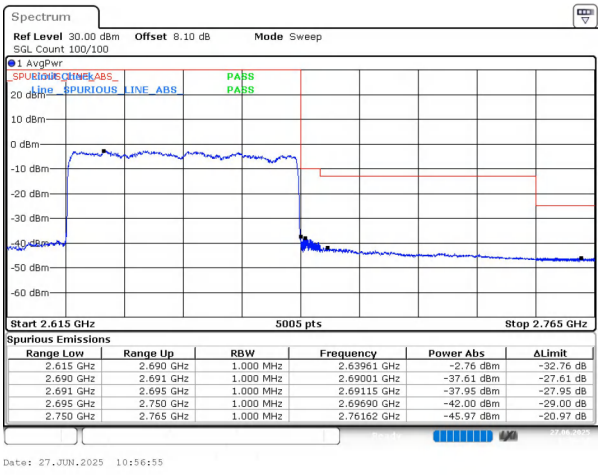

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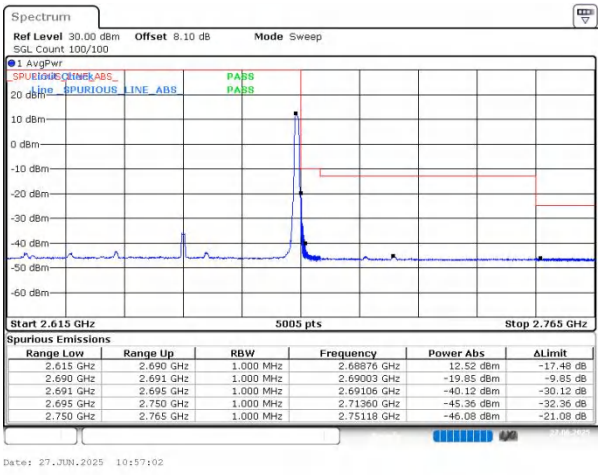
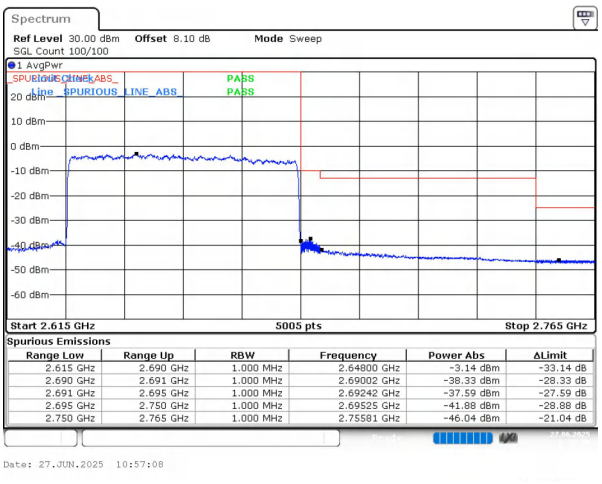


n41 SCS=30kHz DFT_64QAM BW=60MHz HighChannel=531996 RB=1@161



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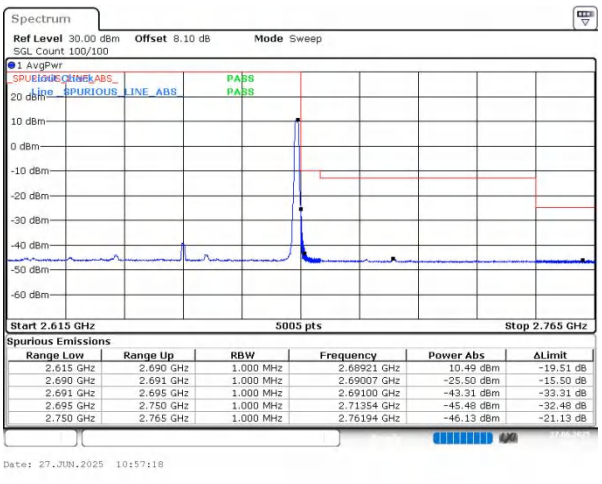
HighChannel=531996 RB=162@0



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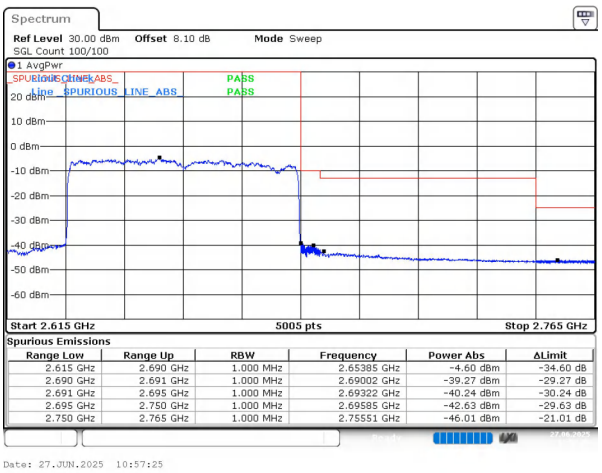
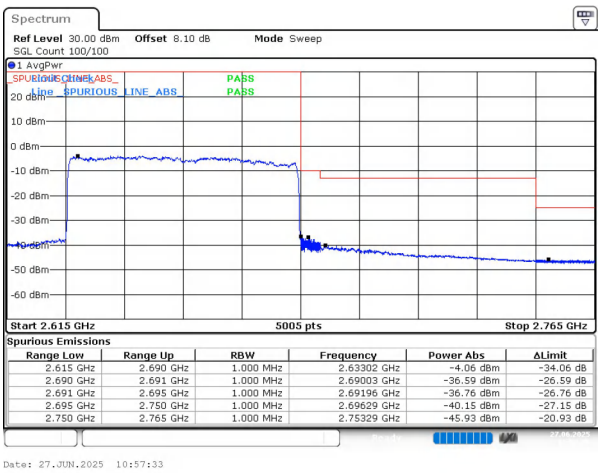
HighChannel=531996 RB=1@161



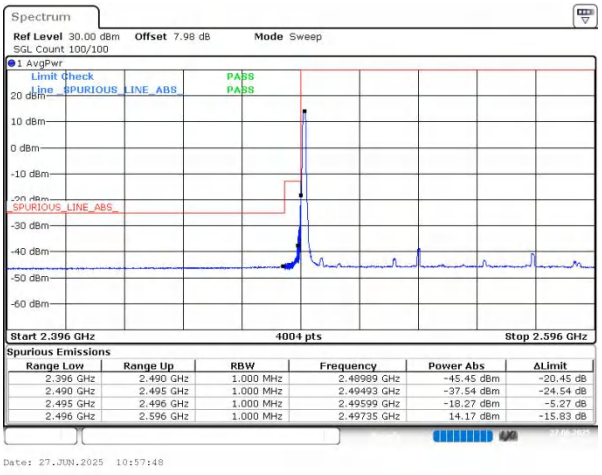
n41 SCS=30kHz DFT_256QAM BW=60MHz

HighChannel=531996 RB=162@0



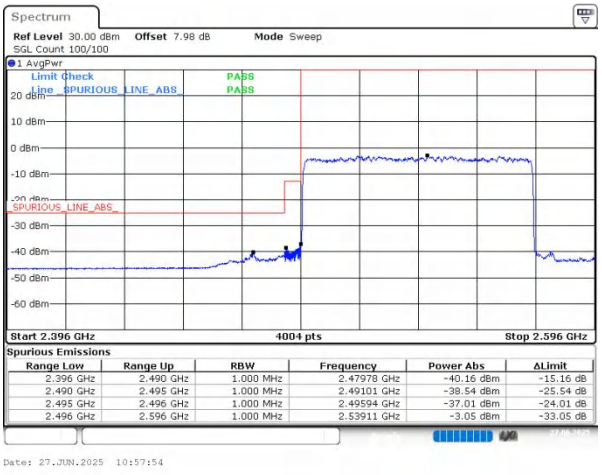
n41 SCS=30kHz CP_QPSK BW=60MHz HighChannel=531996

RB=162@0



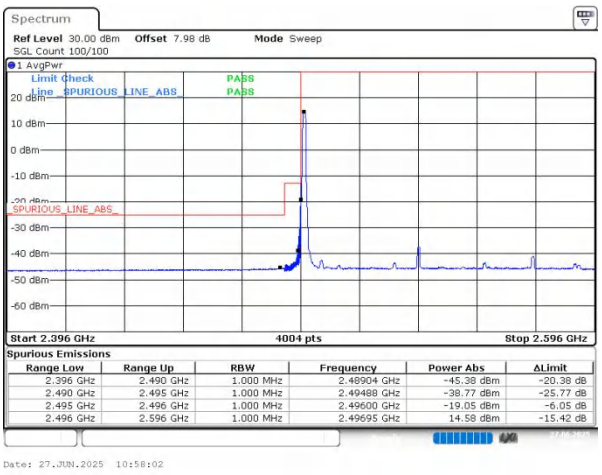
n41 SCS=30kHz DFT_BPSK BW=80MHz LowChannel=507204

RB=1@0

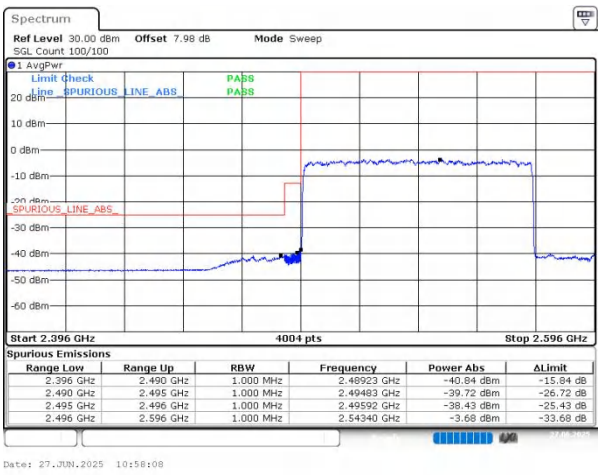


n41 SCS=30kHz DFT_BPSK BW=80MHz LowChannel=507204

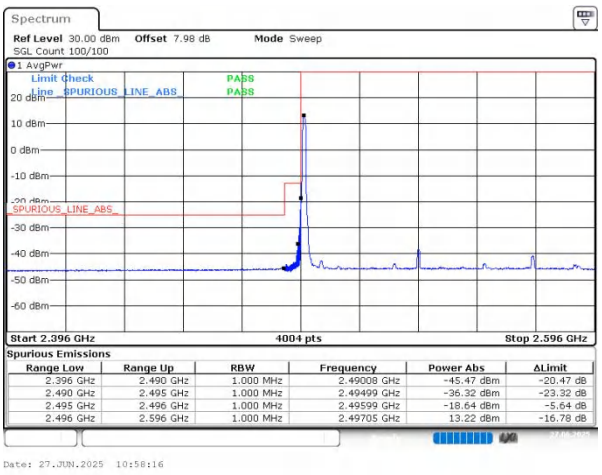
RB=216@0



n41 SCS=30kHz DFT_QPSK BW=80MHz LowChannel=507204 RB=1@0



n41 SCS=30kHz DFT_QPSK BW=80MHz LowChannel=507204 RB=216@0



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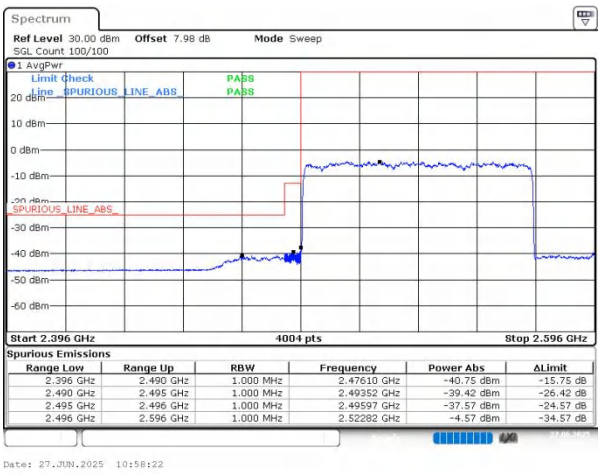

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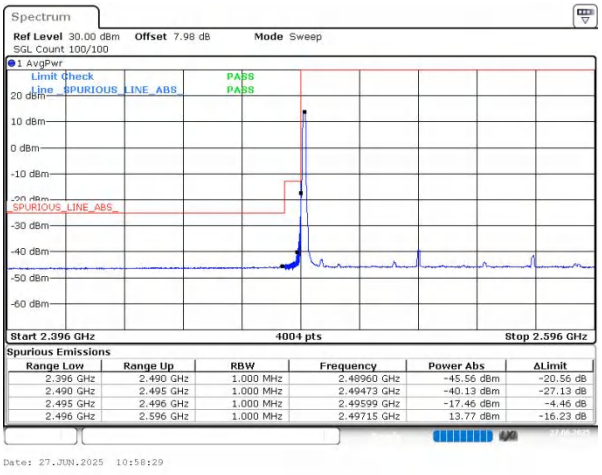
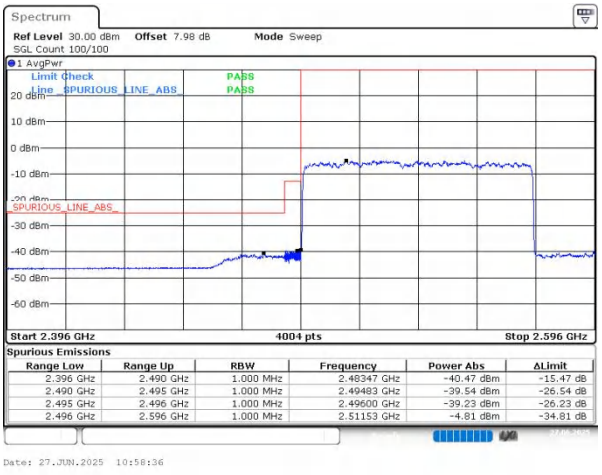
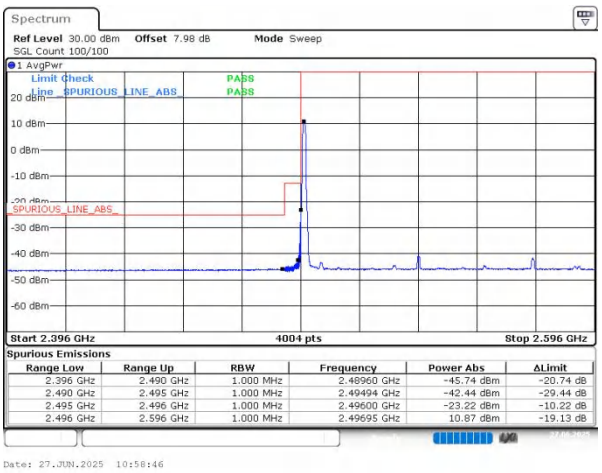


n41 SCS=30kHz DFT_64QAM BW=80MHz LowChannel=507204 RB=1@0



n41 SCS=30kHz DFT_64QAM BW=80MHz LowChannel=507204 RB=216@0



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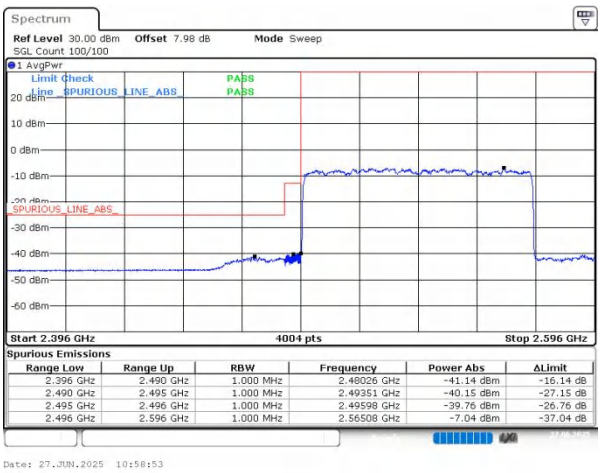
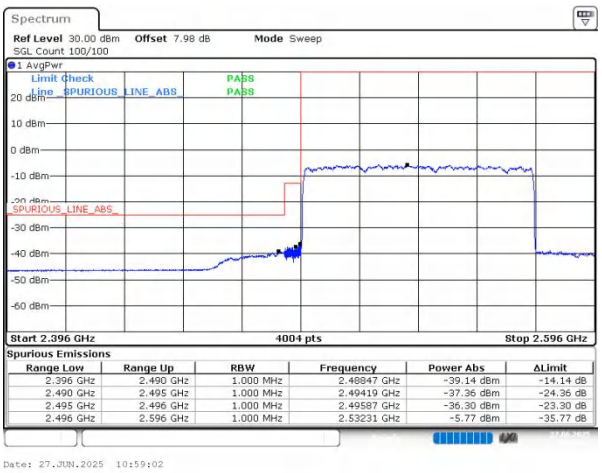
LowChannel=507204 RB=1@0



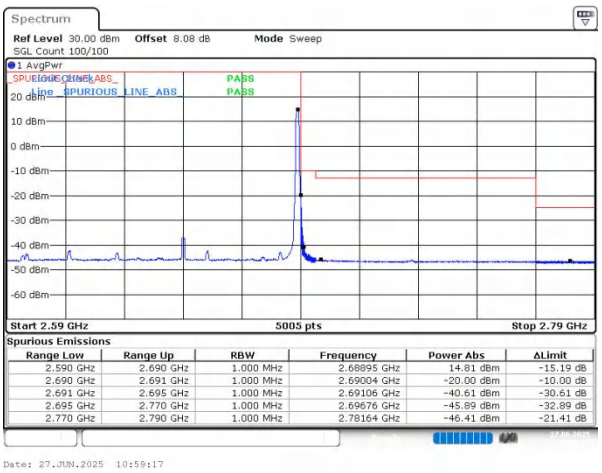
n41 SCS=30kHz DFT_256QAM BW=80MHz

LowChannel=507204 RB=216@0



n41 SCS=30kHz CP_QPSK BW=80MHz LowChannel=507204

RB=217@0



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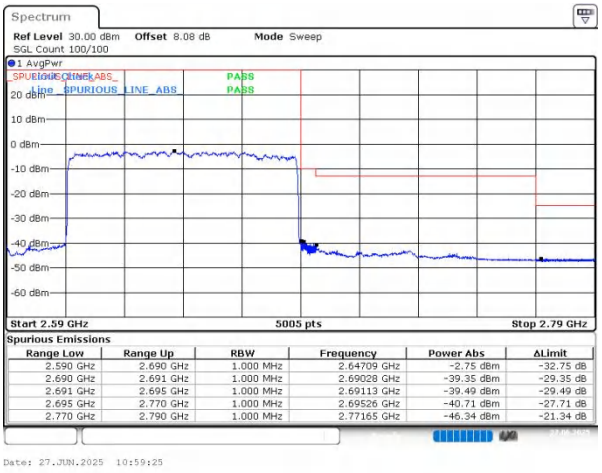
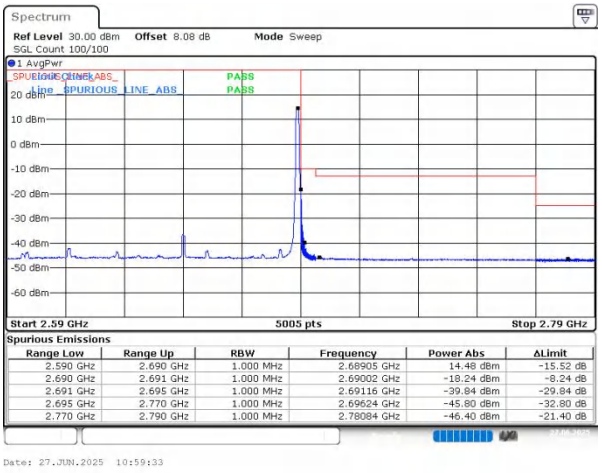


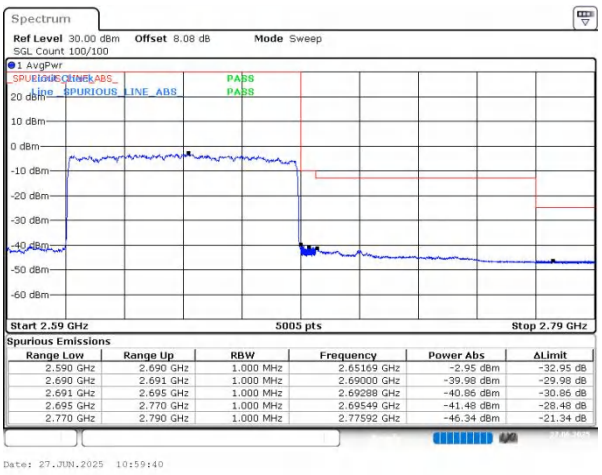
n41 SCS=30kHz DFT_BPSK BW=80MHz HighChannel=529998

RB=216@0

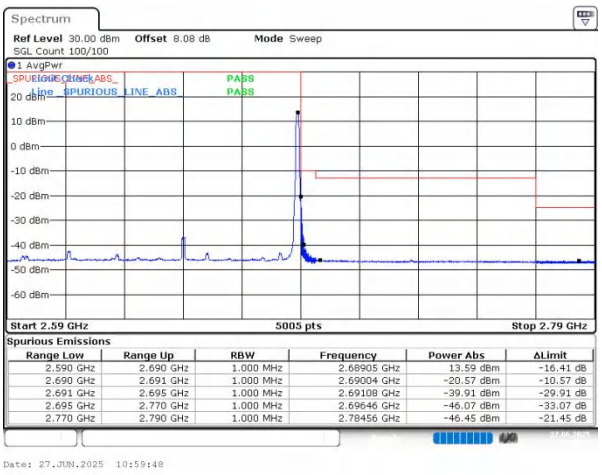


n41 SCS=30kHz DFT_QPSK BW=80MHz HighChannel=529998

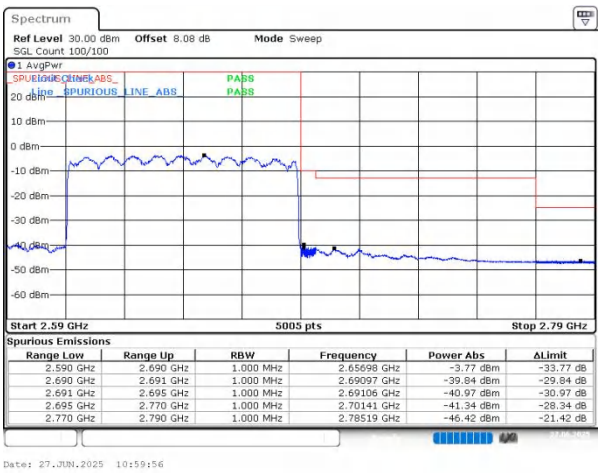
RB=1@216



n41 SCS=30kHz DFT_QPSK BW=80MHz HighChannel=529998 RB=216@0



n41 SCS=30kHz DFT_16QAM BW=80MHz HighChannel=529998 RB=1@216



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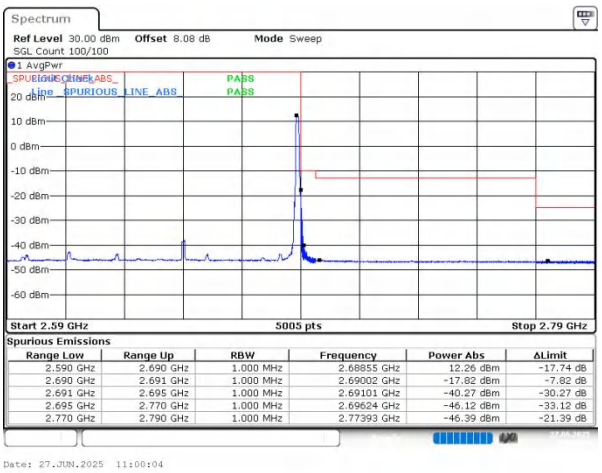

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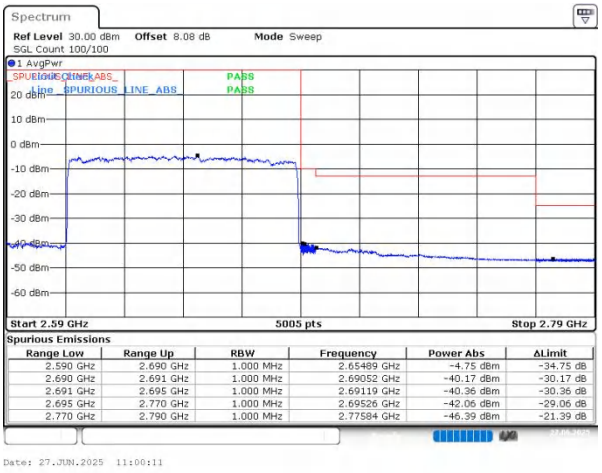
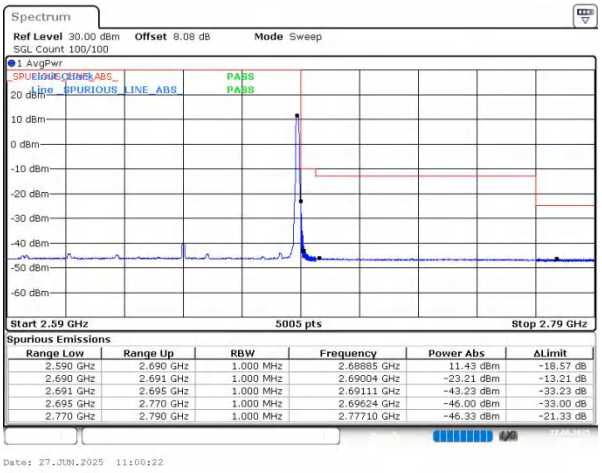


n41 SCS=30kHz DFT_64QAM BW=80MHz HighChannel=529998 RB=216@0



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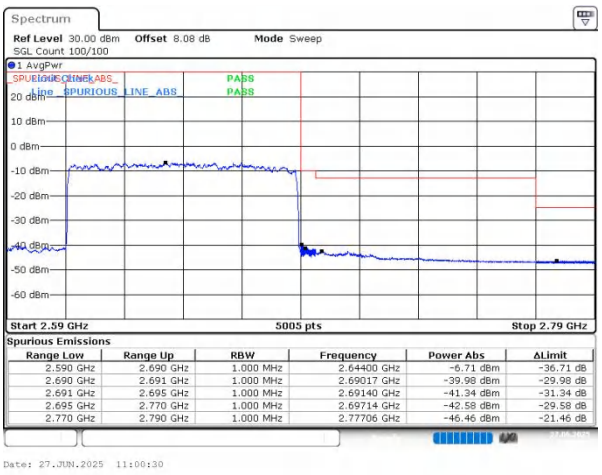
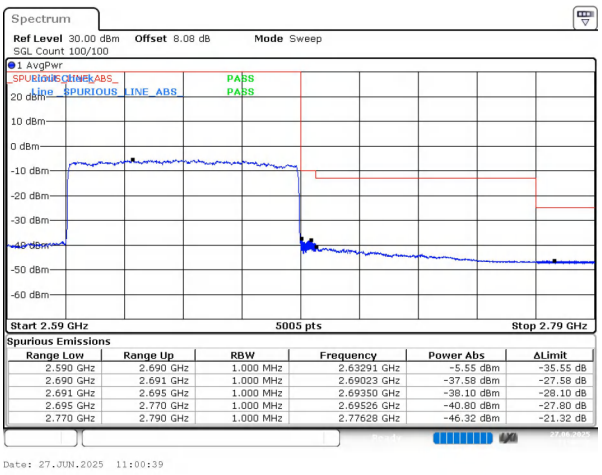
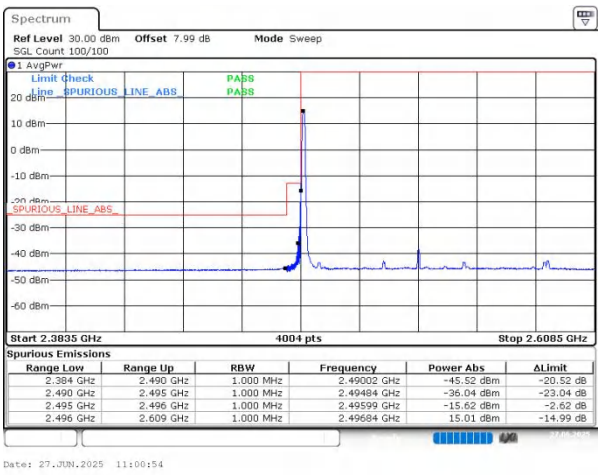


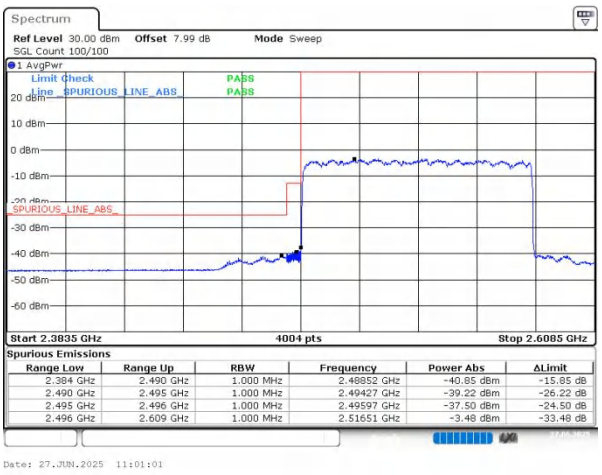
n41 SCS=30kHz DFT_256QAM BW=80MHz HighChannel=529998 RB=216@0



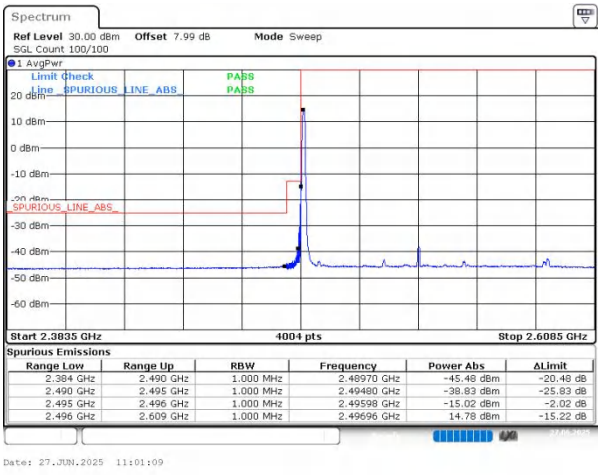
n41 SCS=30kHz CP_QPSK BW=80MHz HighChannel=529998 RB=217@0



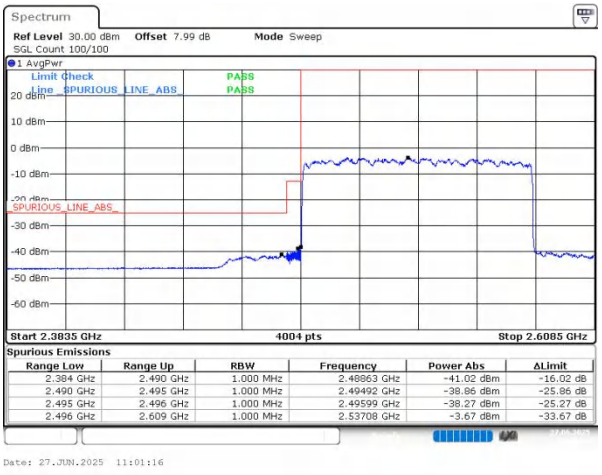
n41 SCS=30kHz DFT_BPSK BW=90MHz LowChannel=508200 RB=1@0



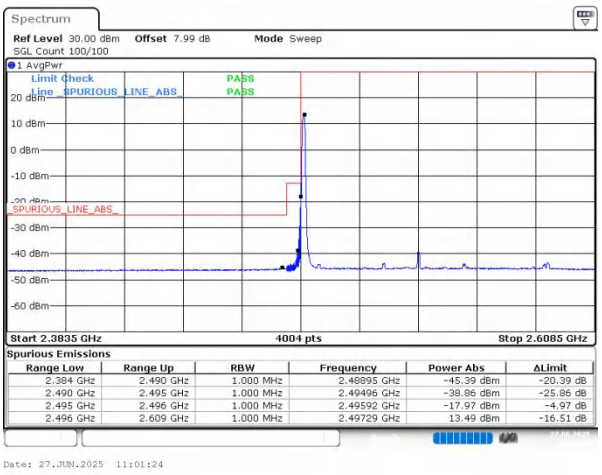
n41 SCS=30kHz DFT_BPSK BW=90MHz LowChannel=508200 RB=243@0



n41 SCS=30kHz DFT_QPSK BW=90MHz LowChannel=508200 RB=1@0

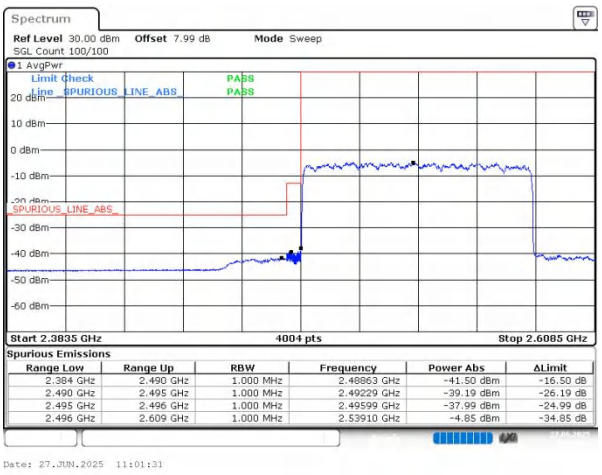


n41 SCS=30kHz DFT_QPSK BW=90MHz LowChannel=508200 RB=243@0



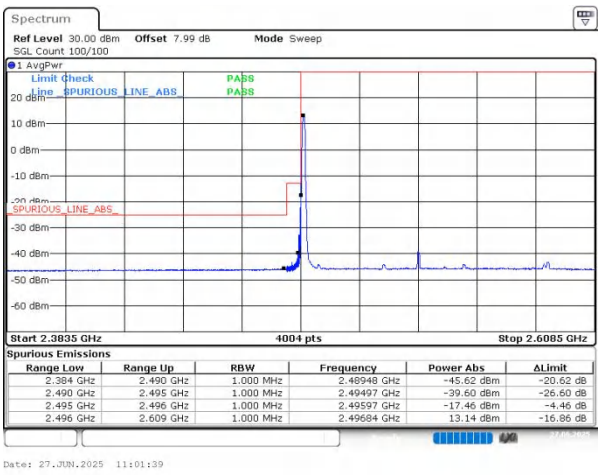
n41 SCS=30kHz DFT_16QAM BW=90MHz

LowChannel=508200 RB=1@0



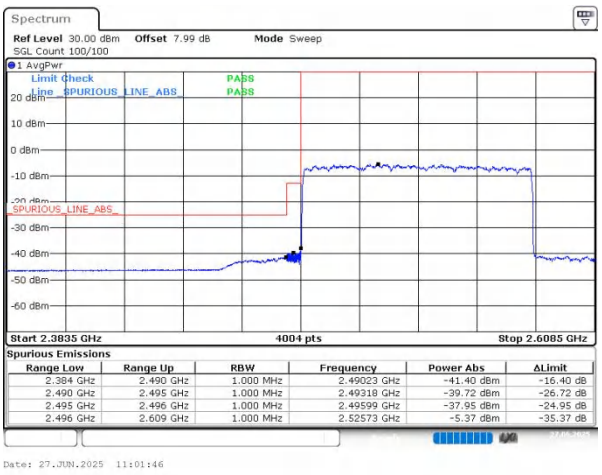
n41 SCS=30kHz DFT_16QAM BW=90MHz

LowChannel=508200 RB=243@0



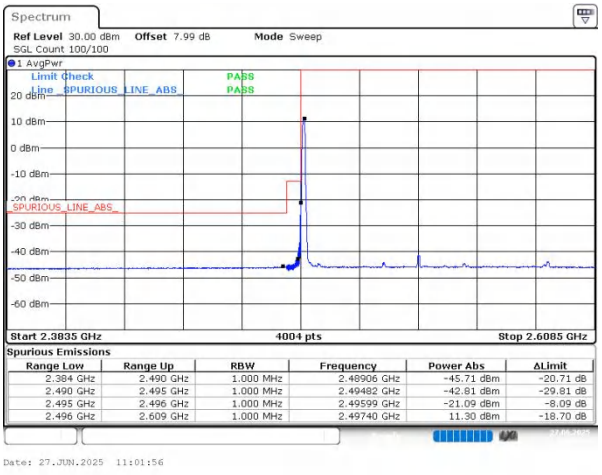
n41 SCS=30kHz DFT_64QAM BW=90MHz

LowChannel=508200 RB=1@0



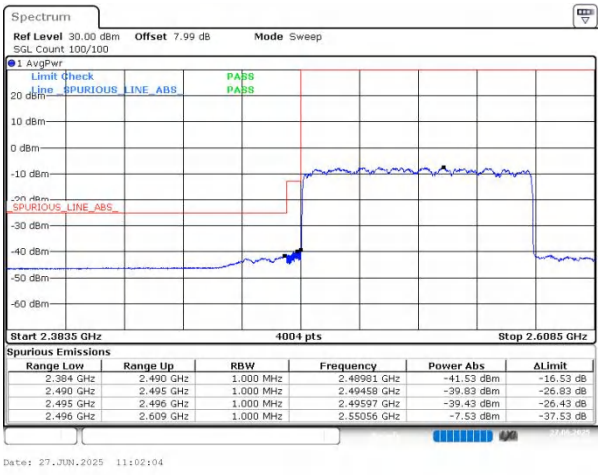
n41 SCS=30kHz DFT_64QAM BW=90MHz

LowChannel=508200 RB=243@0



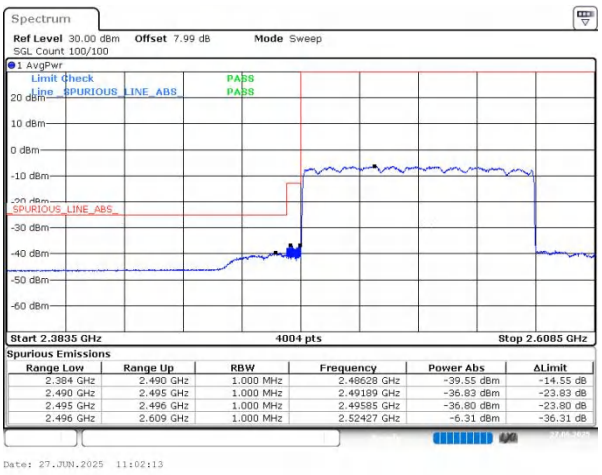
n41 SCS=30kHz DFT_256QAM BW=90MHz

LowChannel=508200 RB=1@0

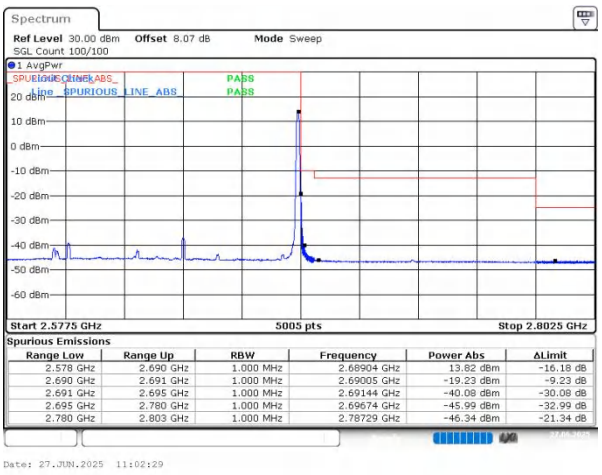


n41 SCS=30kHz DFT_256QAM BW=90MHz

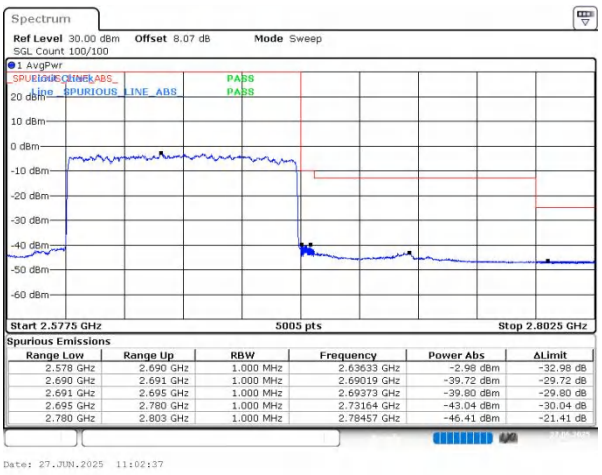
LowChannel=508200 RB=243@0



n41 SCS=30kHz CP_QPSK BW=90MHz LowChannel=508200 RB=245@0



n41 SCS=30kHz DFT_BPSK BW=90MHz HighChannel=528996 RB=1@244



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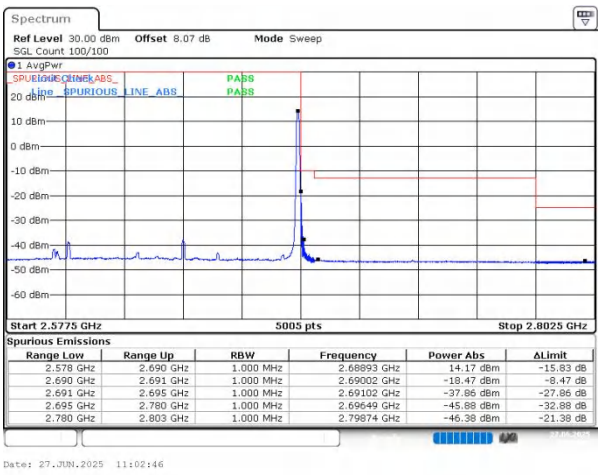

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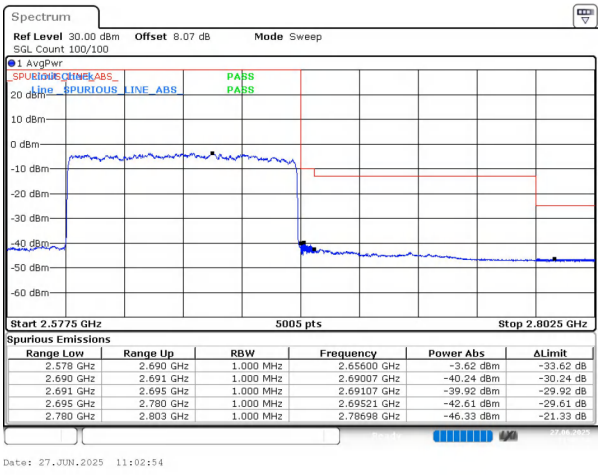

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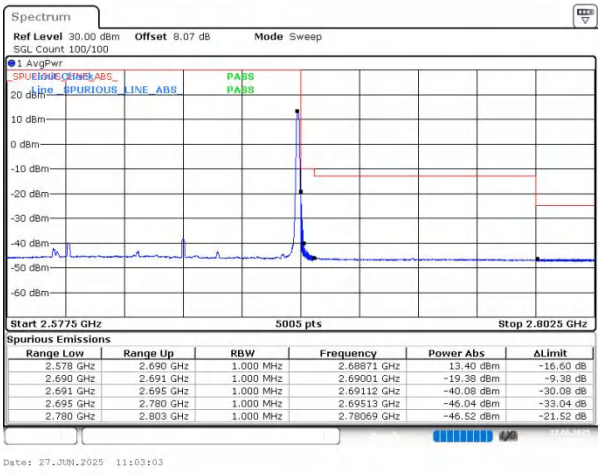

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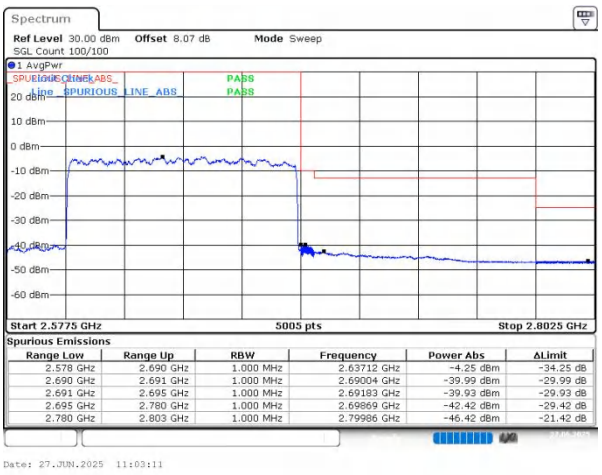

n41 SCS=30kHz DFT_16QAM BW=90MHz

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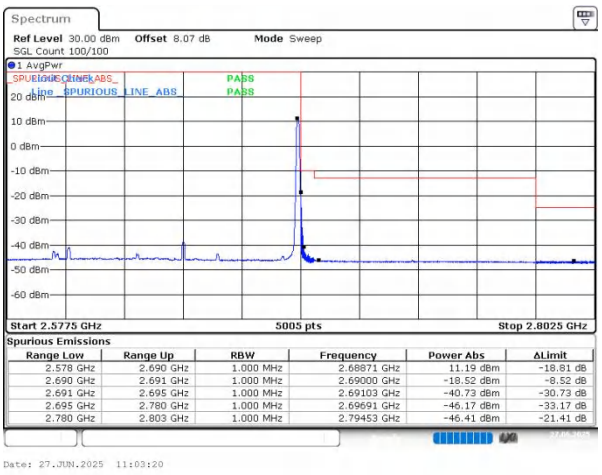
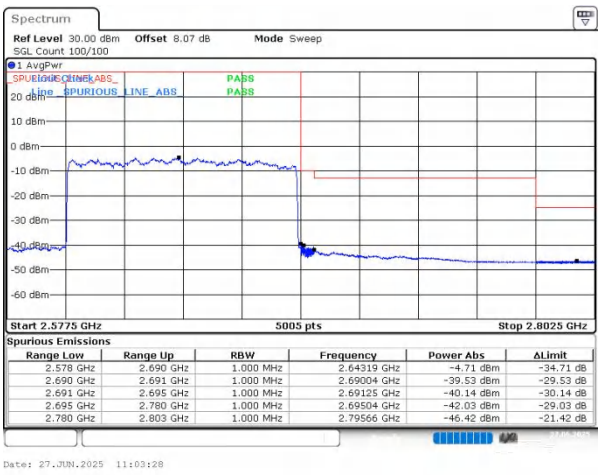


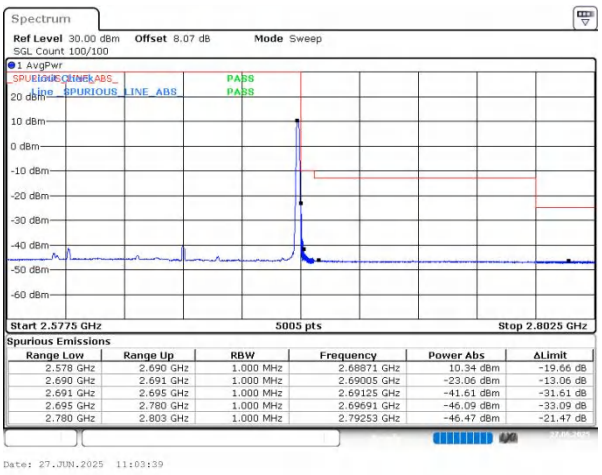
n41 SCS=30kHz DFT_64QAM BW=90MHz

HighChannel=528996 RB=1@244



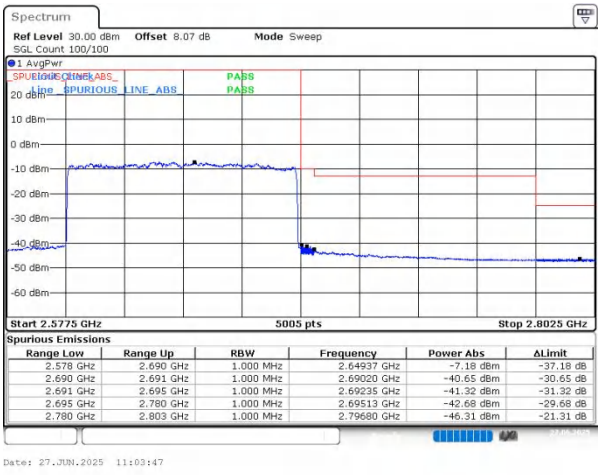
n41 SCS=30kHz DFT_64QAM BW=90MHz

HighChannel=528996 RB=243@0



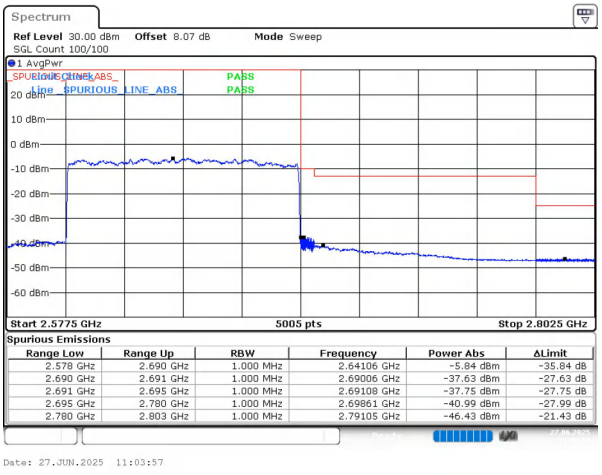
n41 SCS=30kHz DFT_256QAM BW=90MHz

HighChannel=528996 RB=1@244



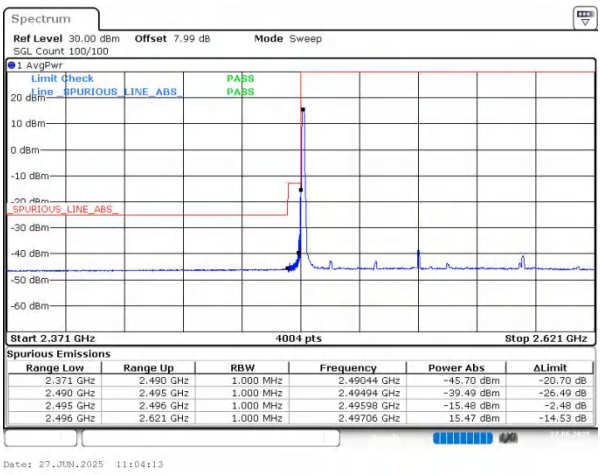
n41 SCS=30kHz DFT_256QAM BW=90MHz

HighChannel=528996 RB=243@0



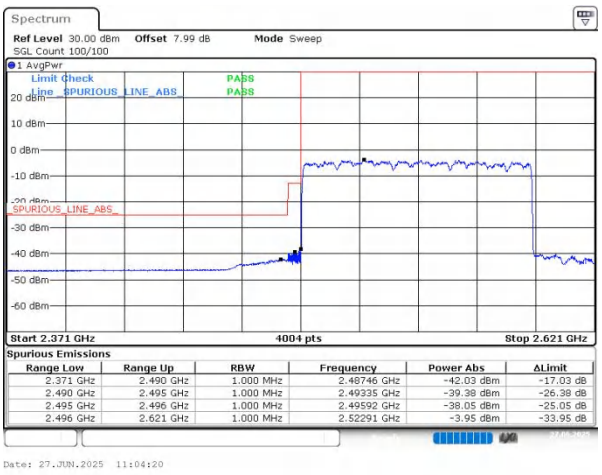
n41 SCS=30kHz CP_QPSK BW=90MHz HighChannel=528996

RB=245@0



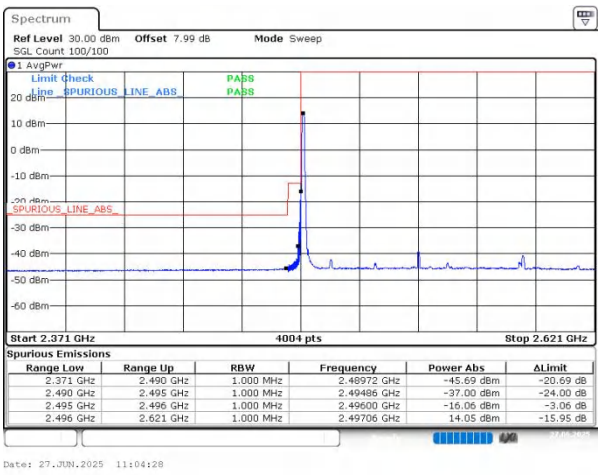
n41 SCS=30kHz DFT_BPSK BW=100MHz

LowChannel=509202 RB=1@0



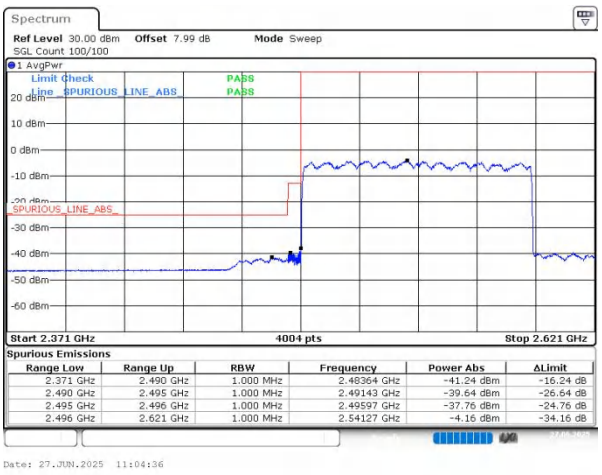
n41 SCS=30kHz DFT_BPSK BW=100MHz

LowChannel=509202 RB=270@0



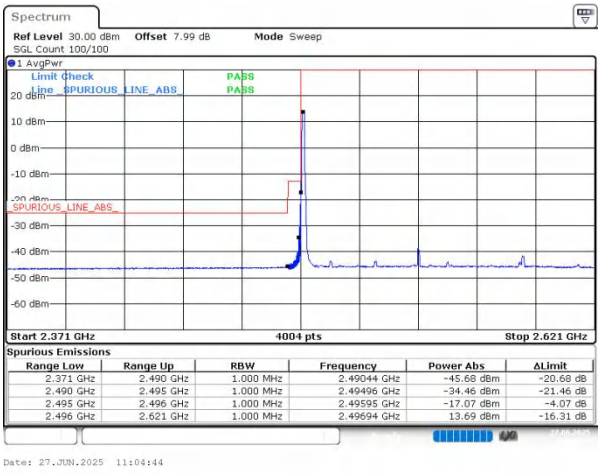
n41 SCS=30kHz DFT_QPSK BW=100MHz

LowChannel=509202 RB=1@0



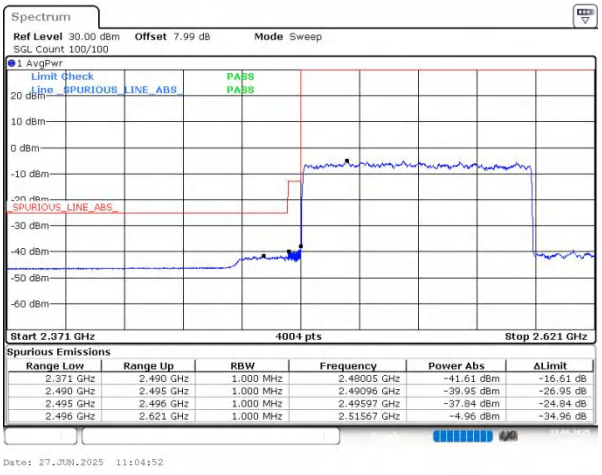
n41 SCS=30kHz DFT_QPSK BW=100MHz

LowChannel=509202 RB=270@0



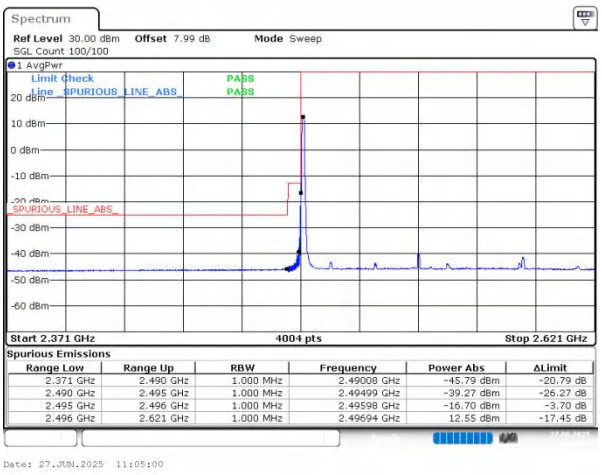
n41 SCS=30kHz DFT_16QAM BW=100MHz

LowChannel=509202 RB=1@0



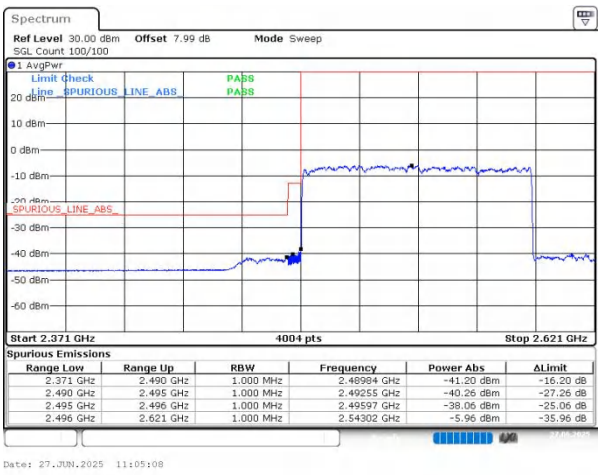
n41 SCS=30kHz DFT_16QAM BW=100MHz

LowChannel=509202 RB=270@0



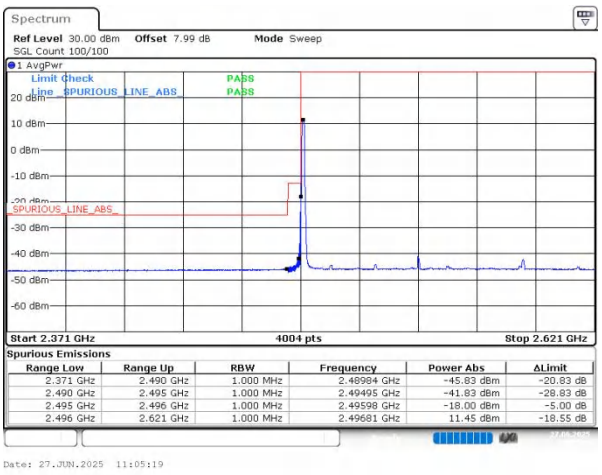
n41 SCS=30kHz DFT_64QAM BW=100MHz

LowChannel=509202 RB=1@0



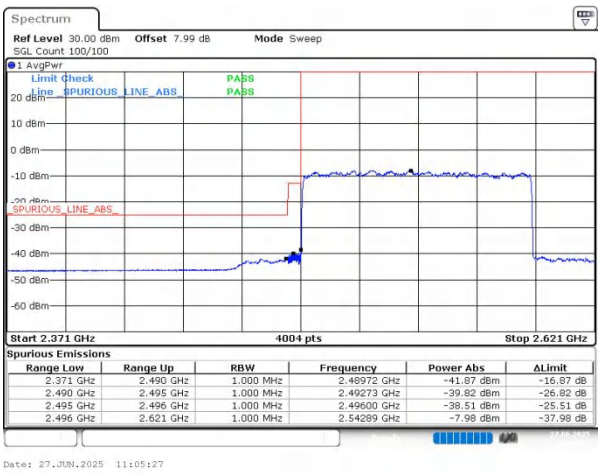
n41 SCS=30kHz DFT_64QAM BW=100MHz

LowChannel=509202 RB=270@0



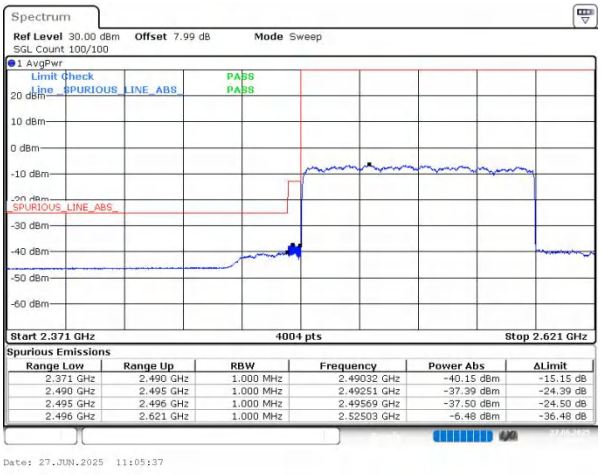
n41 SCS=30kHz DFT_256QAM BW=100MHz

LowChannel=509202 RB=1@0



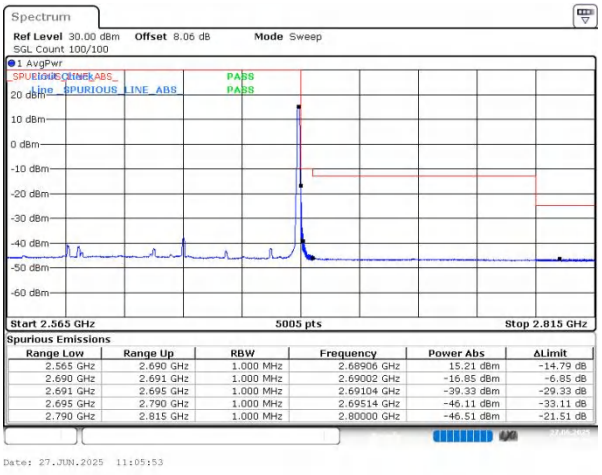
n41 SCS=30kHz DFT_256QAM BW=100MHz

LowChannel=509202 RB=270@0



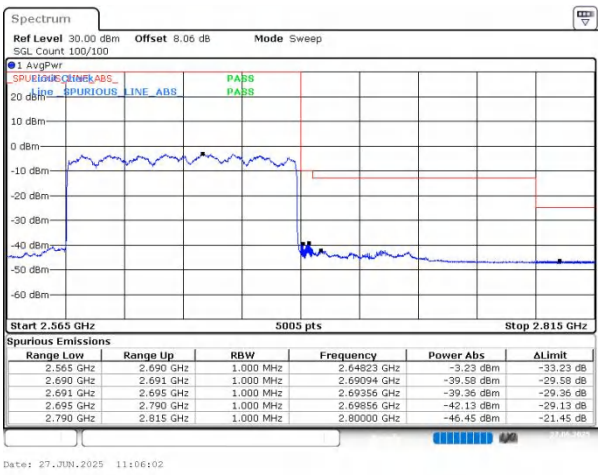
n41 SCS=30kHz CP_QPSK BW=100MHz LowChannel=509202

RB=273@0



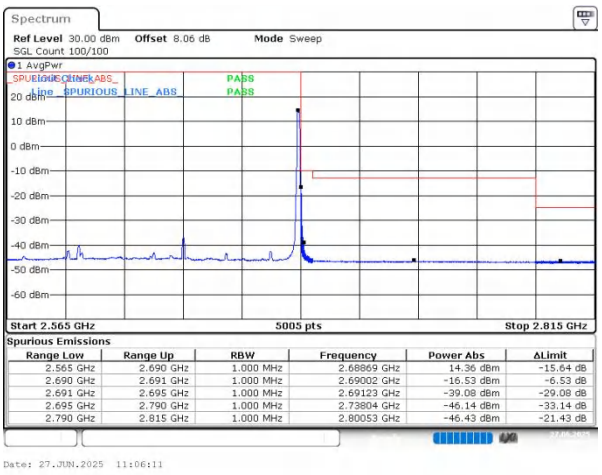
n41 SCS=30kHz DFT_BPSK BW=100MHz

HighChannel=528000 RB=1@272



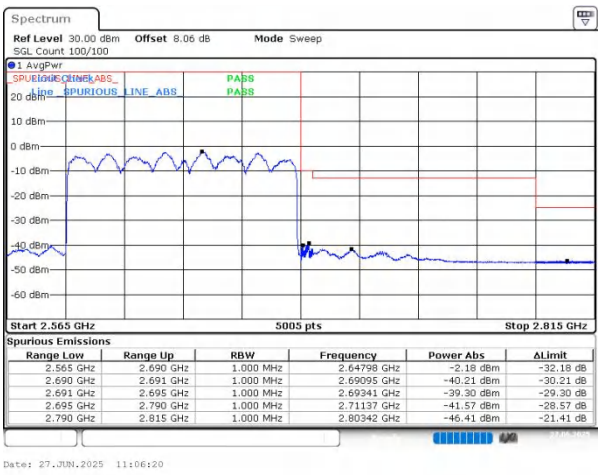
n41 SCS=30kHz DFT_BPSK BW=100MHz

HighChannel=528000 RB=270@0



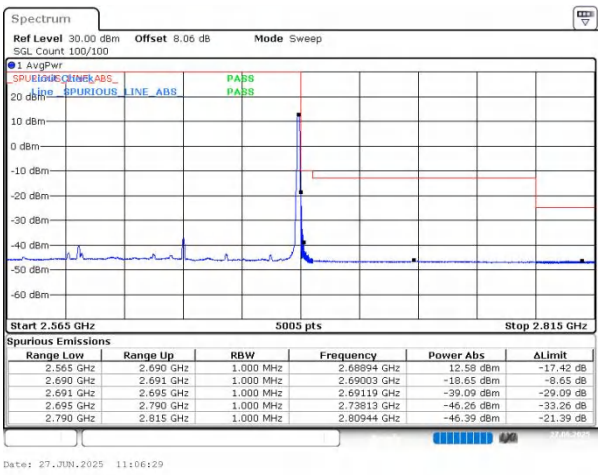
n41 SCS=30kHz DFT_QPSK BW=100MHz

HighChannel=528000 RB=1@272



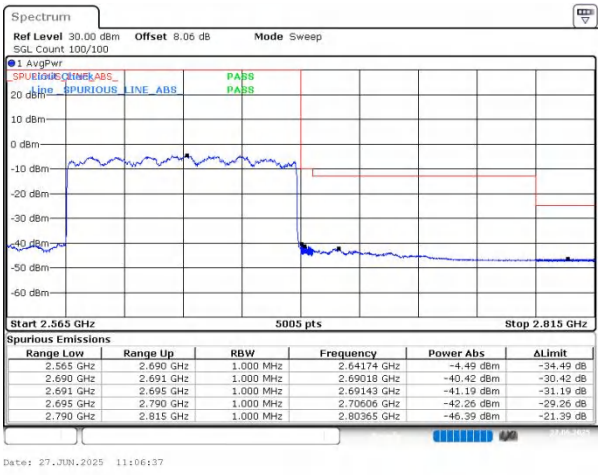
n41 SCS=30kHz DFT_QPSK BW=100MHz

HighChannel=528000 RB=270@0



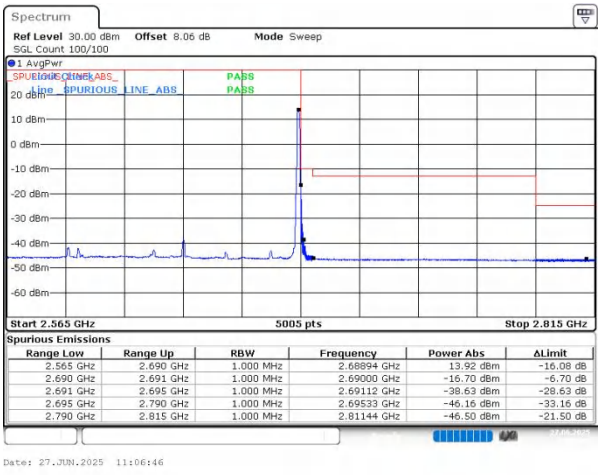
n41 SCS=30kHz DFT_16QAM BW=100MHz

HighChannel=528000 RB=1@272



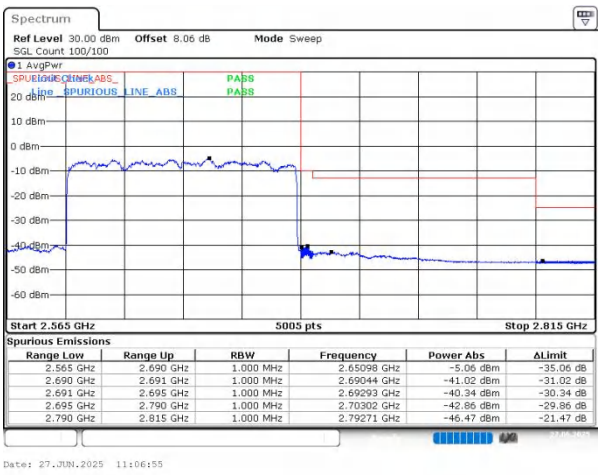
n41 SCS=30kHz DFT_16QAM BW=100MHz

HighChannel=528000 RB=270@0



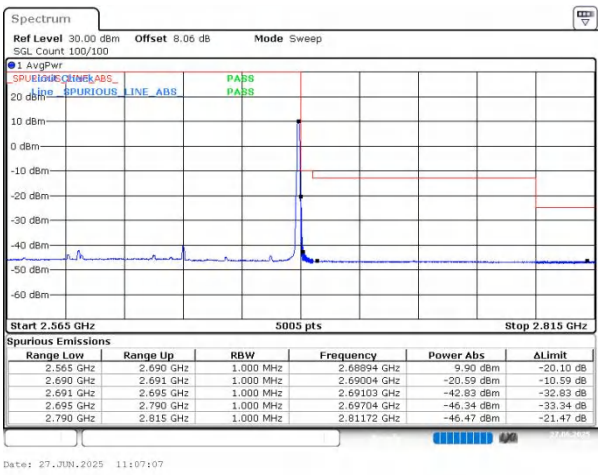
n41 SCS=30kHz DFT_64QAM BW=100MHz

HighChannel=528000 RB=1@272



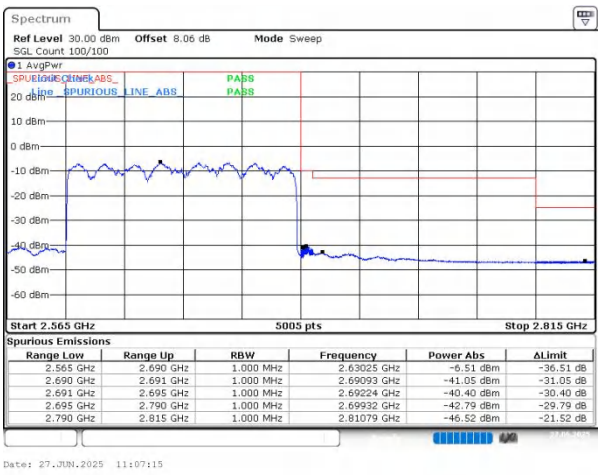
n41 SCS=30kHz DFT_64QAM BW=100MHz

HighChannel=528000 RB=270@0



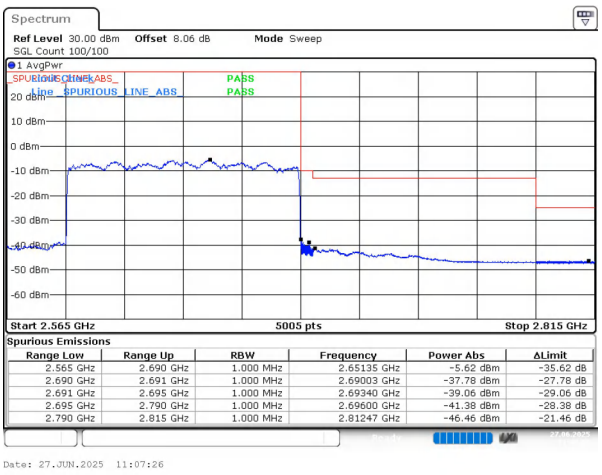
n41 SCS=30kHz DFT_256QAM BW=100MHz

HighChannel=528000 RB=1@272



n41 SCS=30kHz DFT_256QAM BW=100MHz

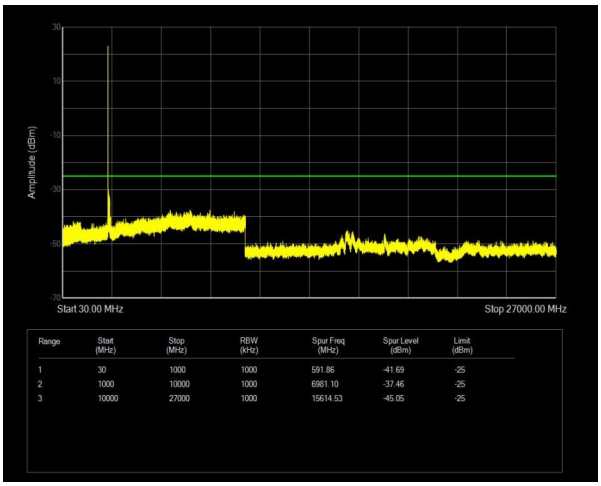
HighChannel=528000 RB=270@0



n41 SCS=30kHz CP_QPSK BW=100MHz HighChannel=528000

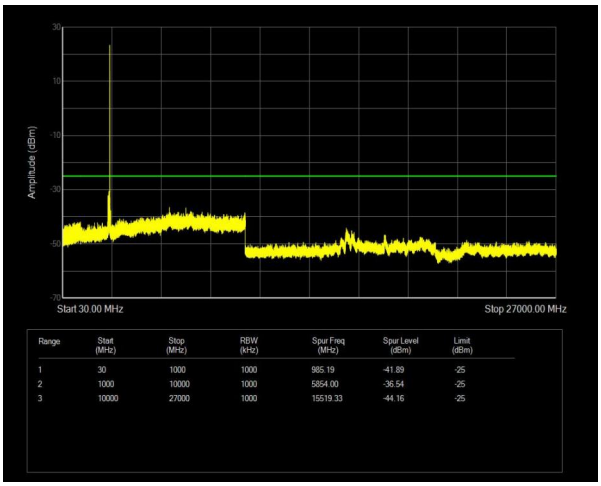
RB=273@0

6. Conducted Spurious Emissions



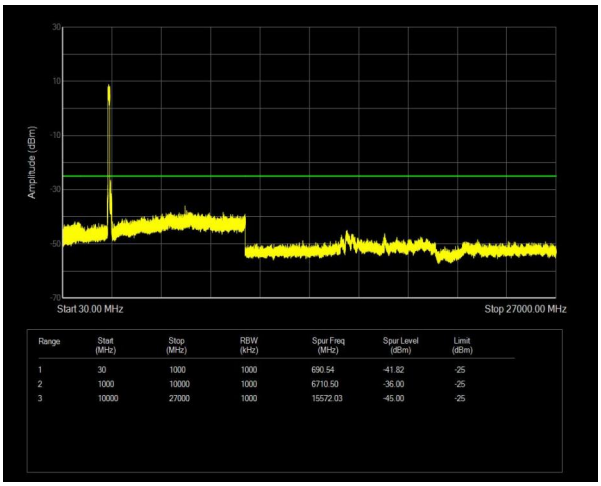
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=509202

RB=1@0



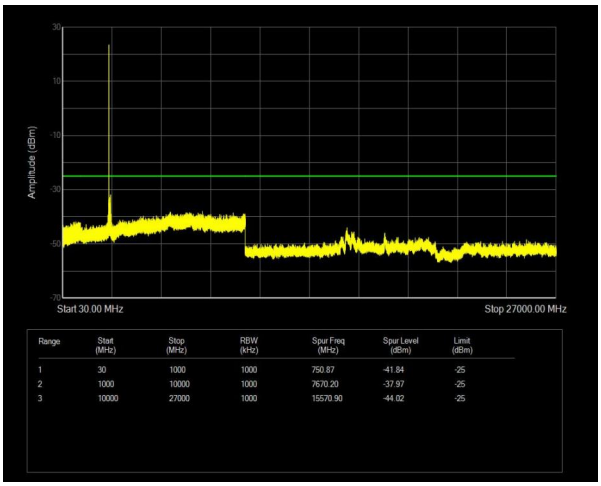
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=509202

RB=1@272



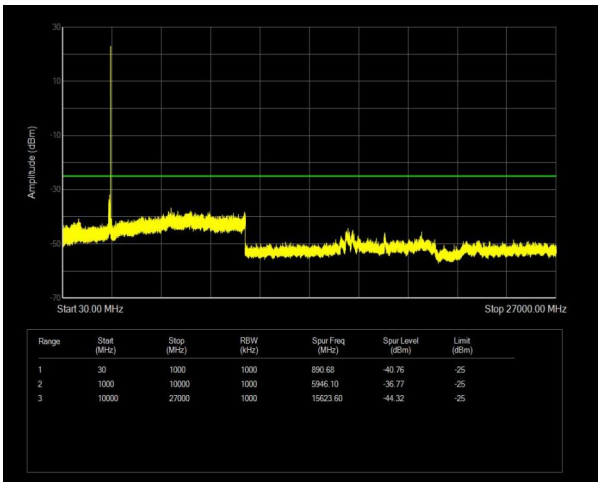
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=509202

RB=270@0



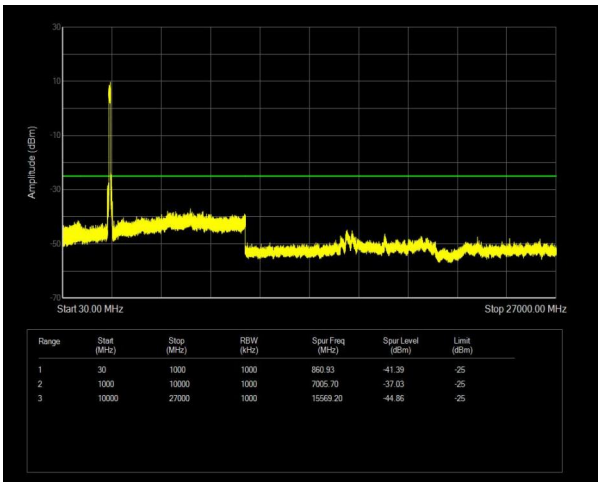
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598

RB=1@0



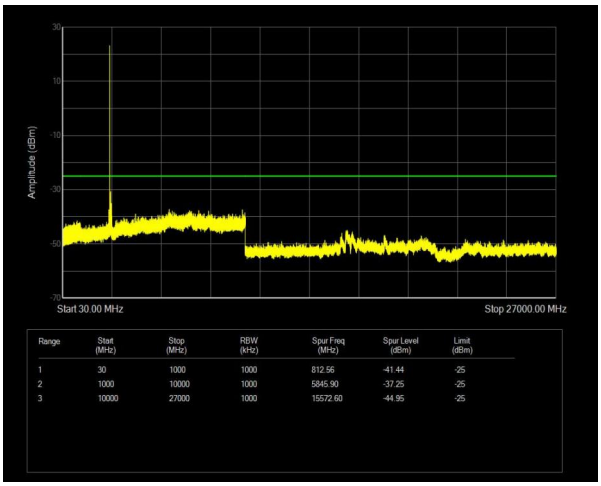
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598

RB=1@272



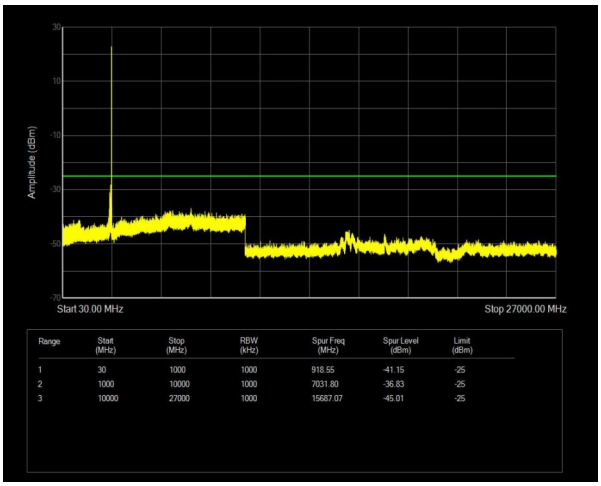
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598

RB=270@0



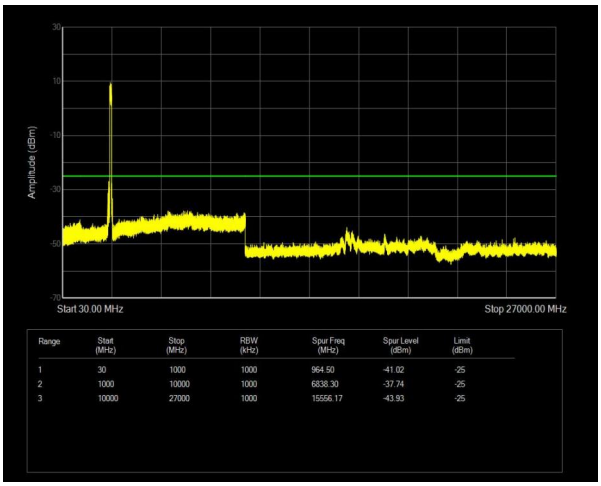
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=528000

RB=1@0



n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=528000

RB=1@272



n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=528000

RB=270@0

7. Radiated Spurious Emissions

n38 - DFT-s-OFDM - PI/2 BPSK - 20M - Middle 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
5175	-43.28	-25	-18.28	-55.98	-49.36	5.62	11.7	H	Pass
7755	-45.13	-25	-20.13	-64.69	-50.14	6.67	11.68	H	Pass
10350	-41.09	-25	-16.09	-63.39	-45.26	7.58	11.75	H	Pass
5160	-45.74	-25	-20.74	-58.03	-51.77	5.61	11.64	V	Pass
7755	-45.16	-25	-20.16	-64.71	-50.17	6.67	11.68	V	Pass
10350	-42.48	-25	-17.48	-65.03	-46.65	7.58	11.75	V	Pass
n41 - DFT-s-OFDM - PI/2 BPSK - 90M - High 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
5190	-43.05	-25	-18.05	-55.56	-49.19	5.62	11.76	H	Pass
7800	-45.39	-25	-20.39	-64.73	-50.21	6.68	11.5	H	Pass
10410	-40.24	-25	-15.24	-63.11	-44.44	7.6	11.8	H	Pass
5190	-43.19	-25	-18.19	-55.65	-49.33	5.62	11.76	V	Pass
7800	-45.02	-25	-20.02	-64.37	-49.84	6.68	11.5	V	Pass
10410	-41.84	-25	-16.84	-64.31	-46.04	7.6	11.8	V	Pass
DC_5A_n41A - DFT-s-OFDM - PI/2 BPSK - 80M - High 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
2547	-37.15	-25	-12.15	-45.52	-44.16	3.68	10.69	H	Pass
10214	-37.29	-25	-12.29	-59.37	-41.03	7.53	11.27	H	Pass
12781	-38.31	-25	-13.31	-64.68	-42.29	8.66	12.64	H	Pass
2547	-41.12	-25	-16.12	-49.65	-48.13	3.68	10.69	V	Pass
10214	-40.29	-25	-15.29	-62.08	-44.03	7.53	11.27	V	Pass
12781	-38.28	-25	-13.28	-65.23	-42.26	8.66	12.64	V	Pass

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