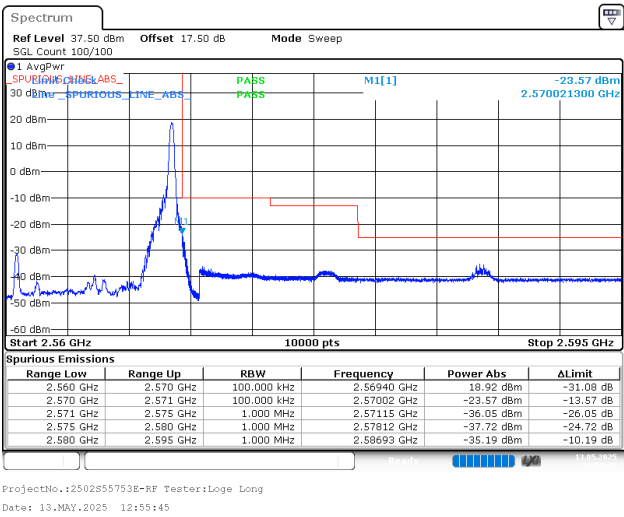
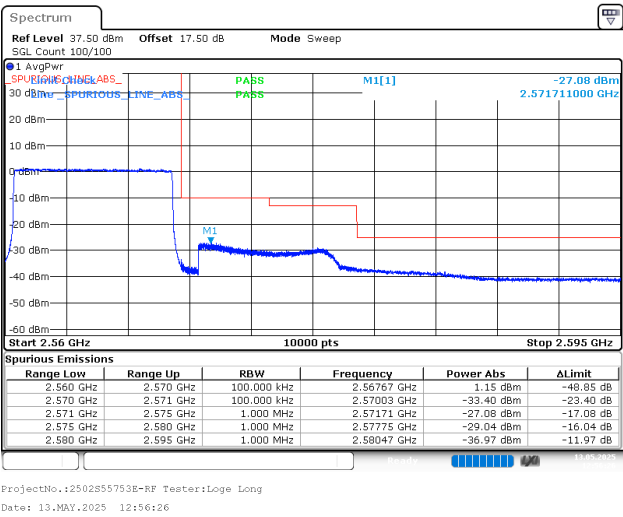


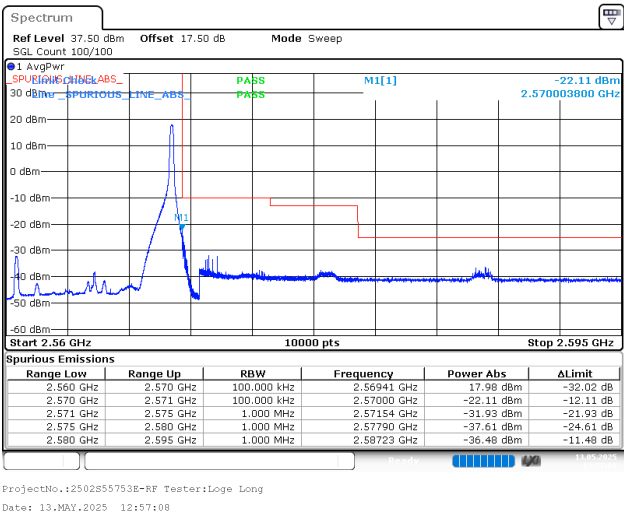
10MHz_High_QPSK_1@49



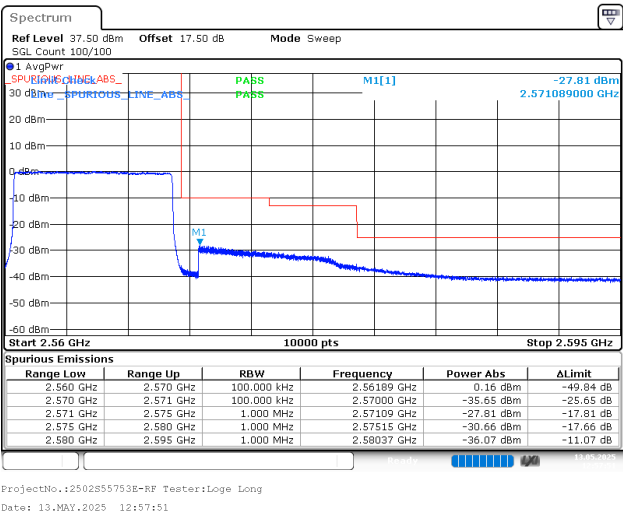
10MHz_High_QPSK_50@0



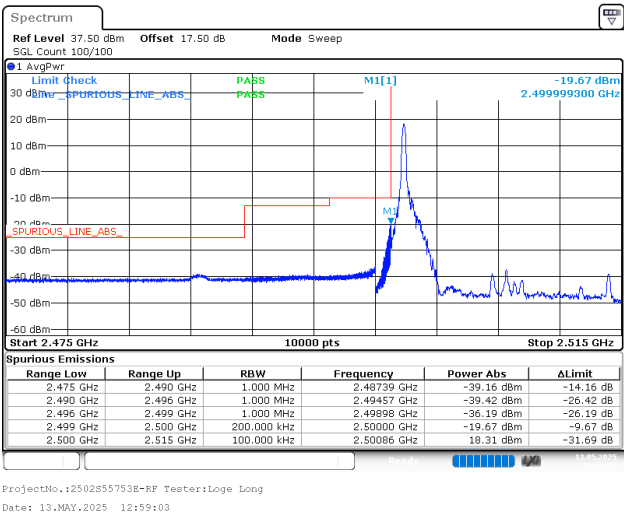
10MHz_High_16QAM_1@49



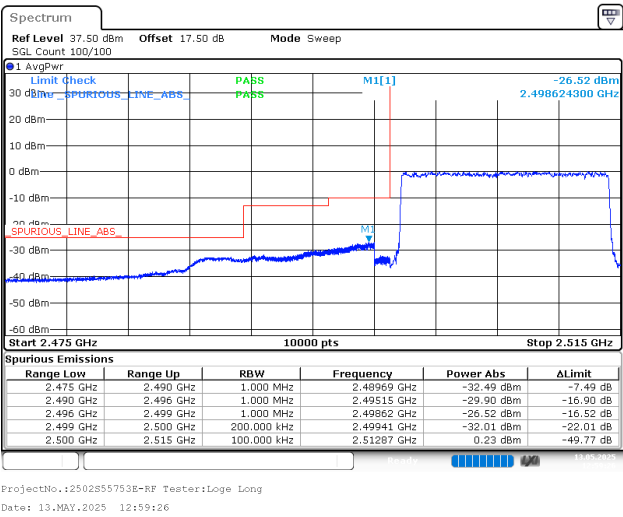
10MHz_High_16QAM_50@0



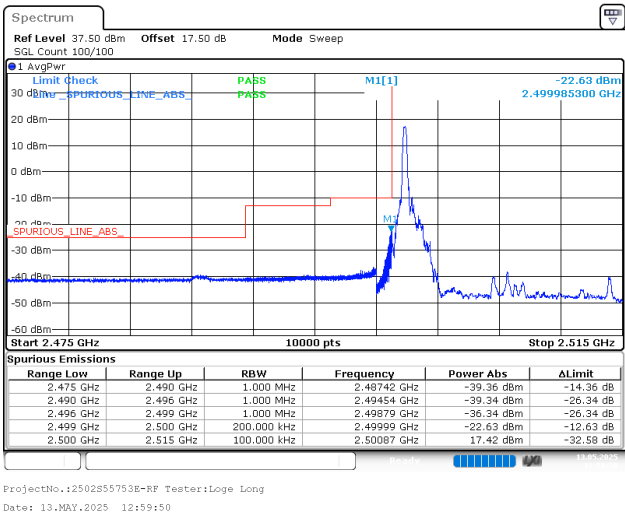
15MHz_Low_QPSK_1@0



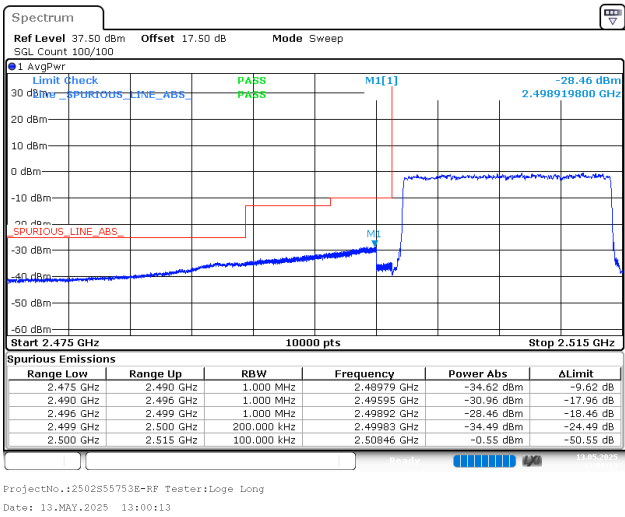
15MHz_Low_QPSK_75@0



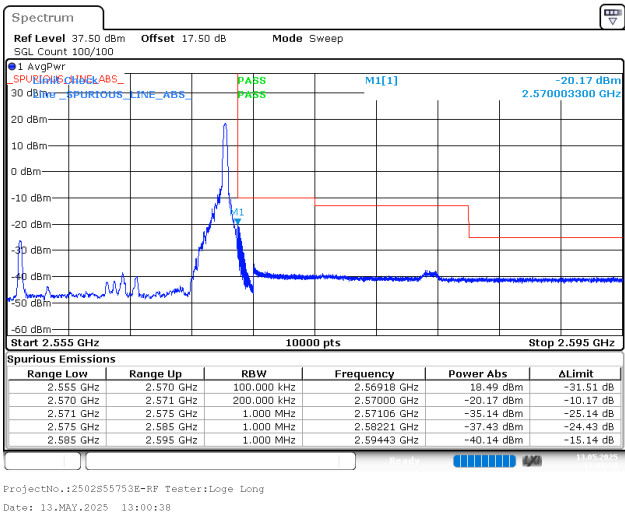
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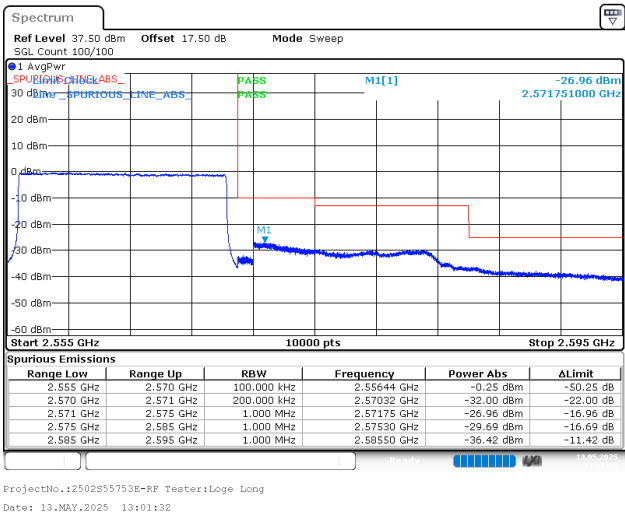
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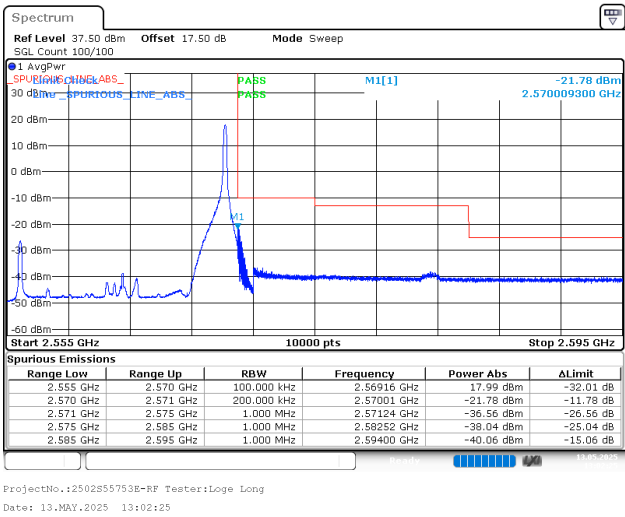
15MHz_High_QPSK_1@74



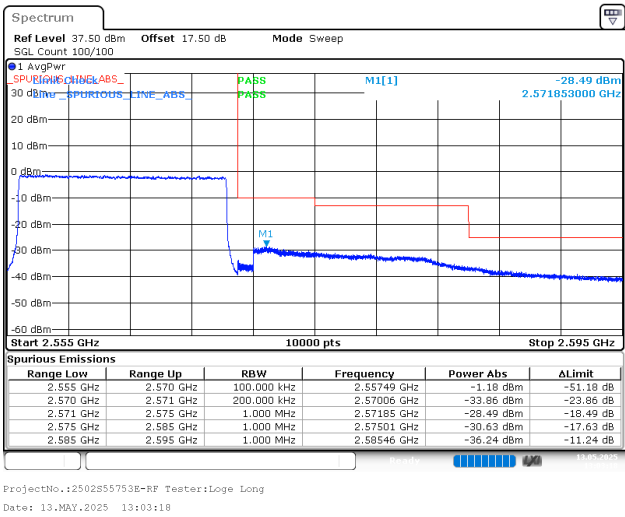
15MHz_High_QPSK_75@0



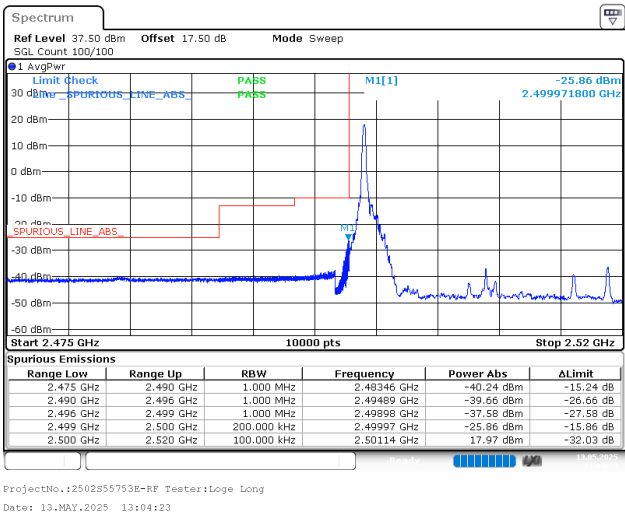
15MHz_High_16QAM_1@74



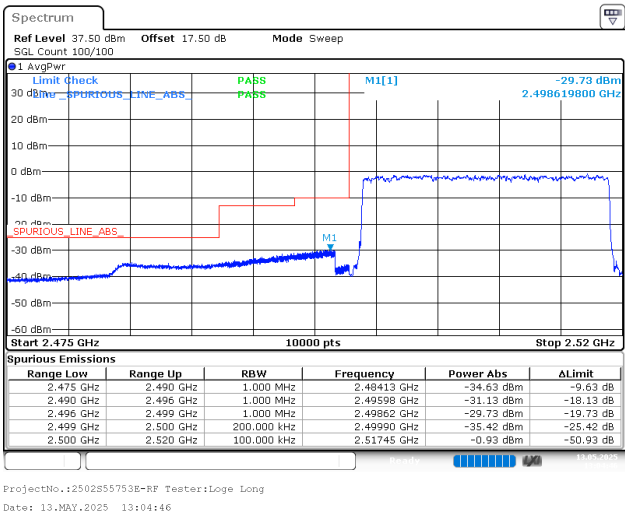
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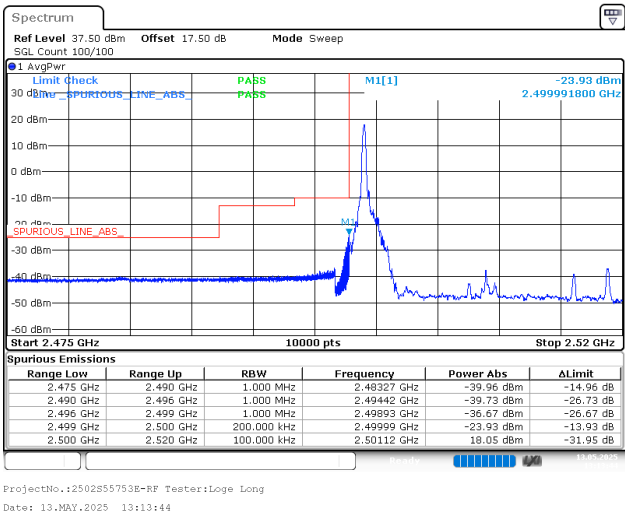
20MHz_Low_QPSK_1@0



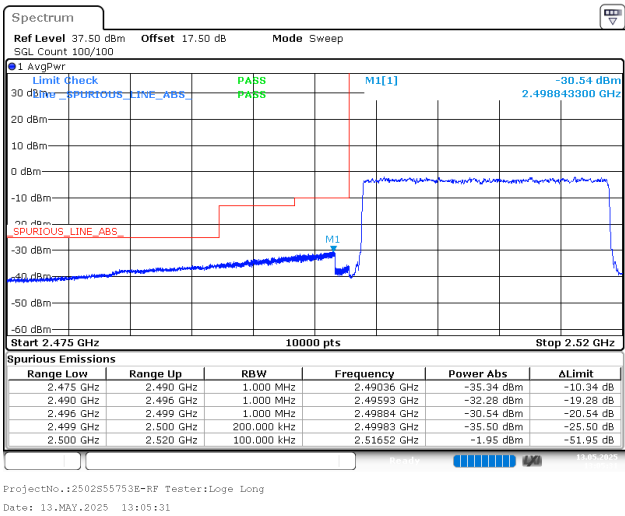
20MHz_Low_QPSK_100@0



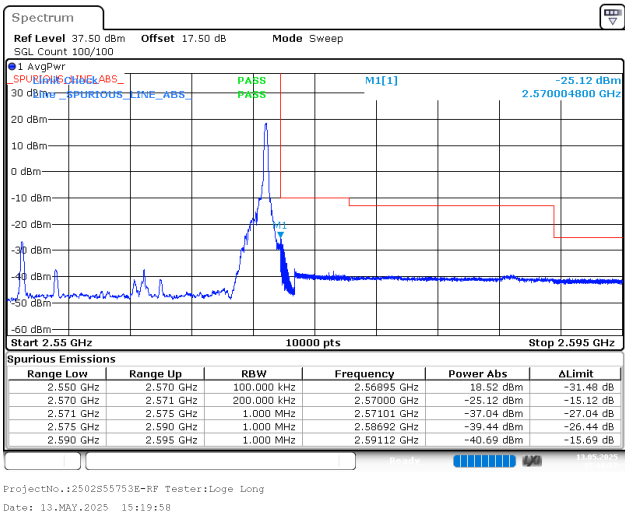
20MHz_Low_16QAM_1@0



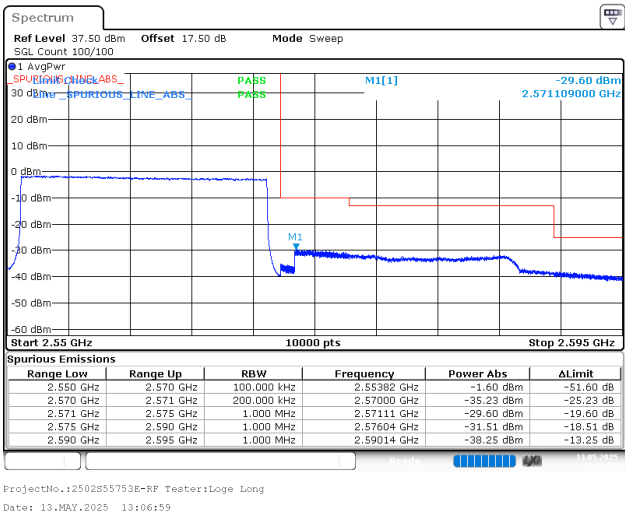
20MHz_Low_16QAM_100@0



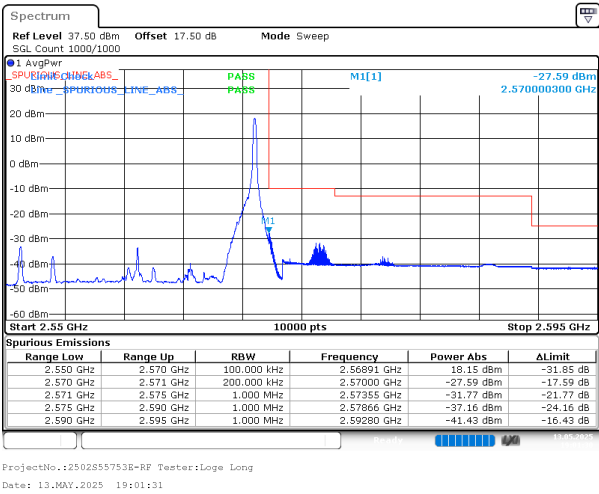
20MHz_High_QPSK_1@99



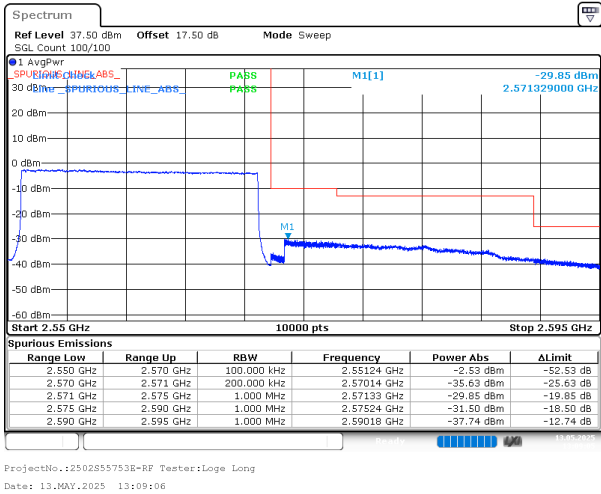
20MHz_High_QPSK_100@0



20MHz_High_16QAM_1@99

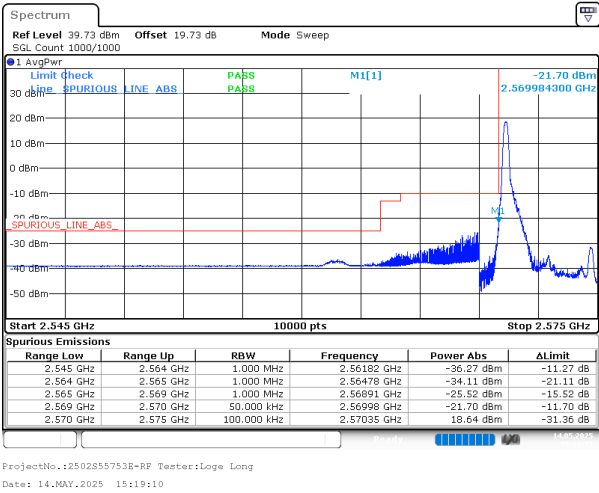


20MHz_High_16QAM_100@0

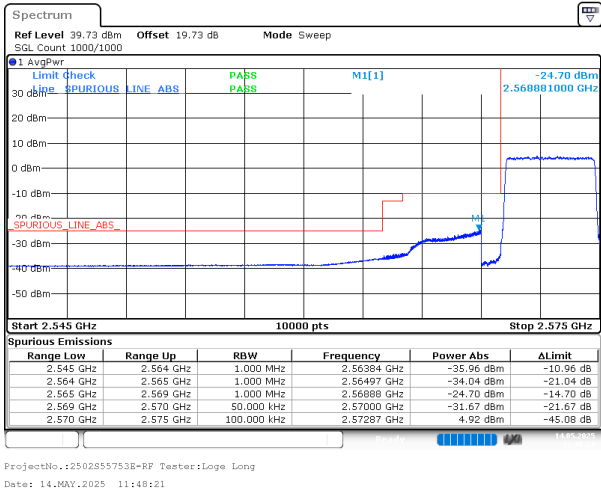


LTE Band 38, Normal

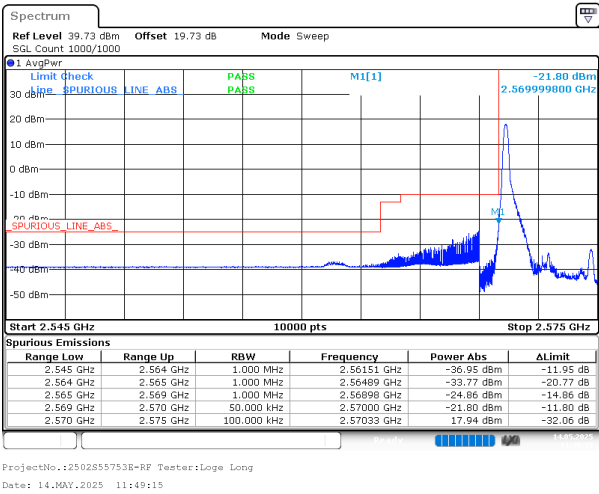
5MHz_Low_QPSK_1@0



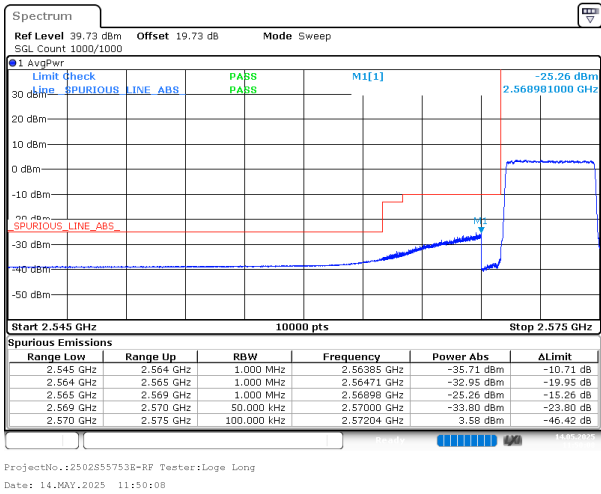
5MHz_Low_QPSK_25@0



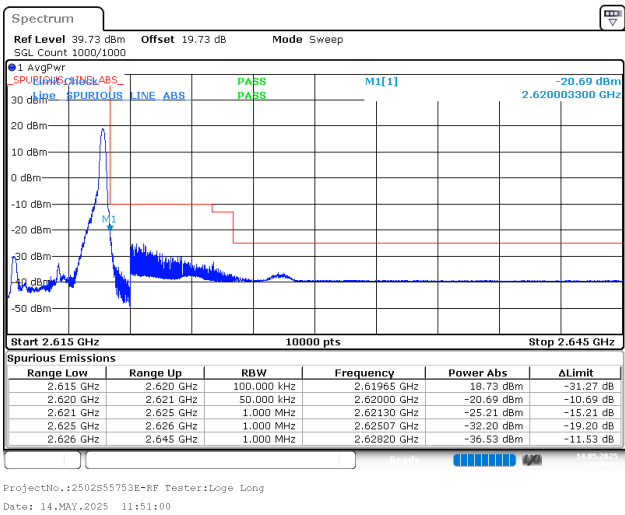
5MHz_Low_16QAM_1@0



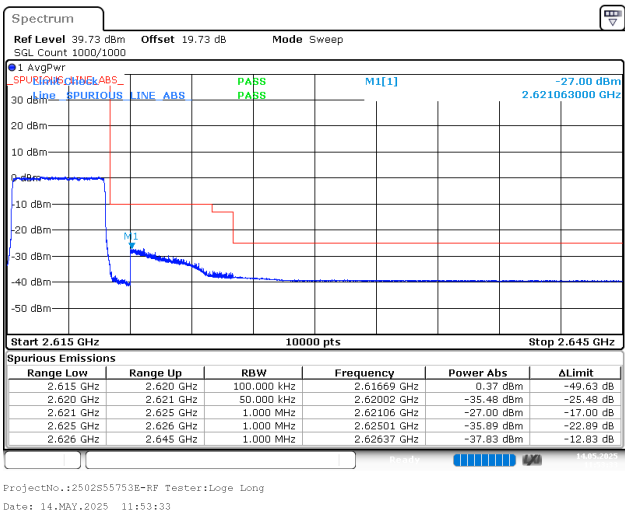
5MHz_Low_16QAM_25@0



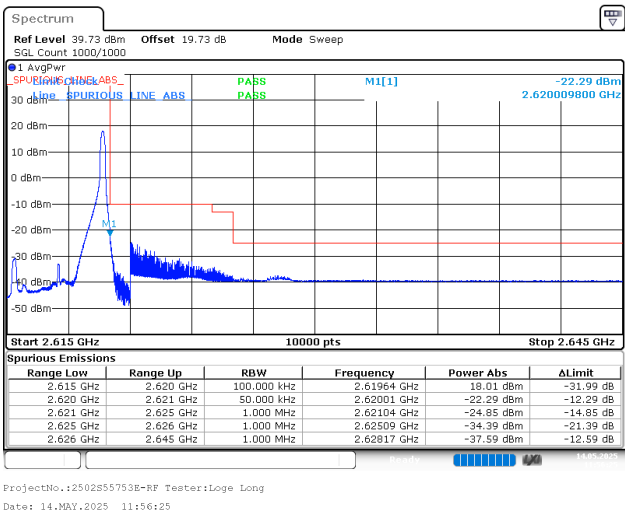
5MHz_High_QPSK_1@24



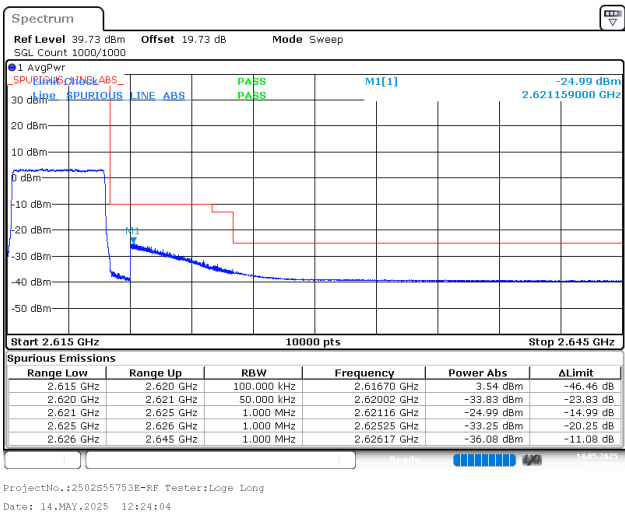
5MHz_High_QPSK_25@0



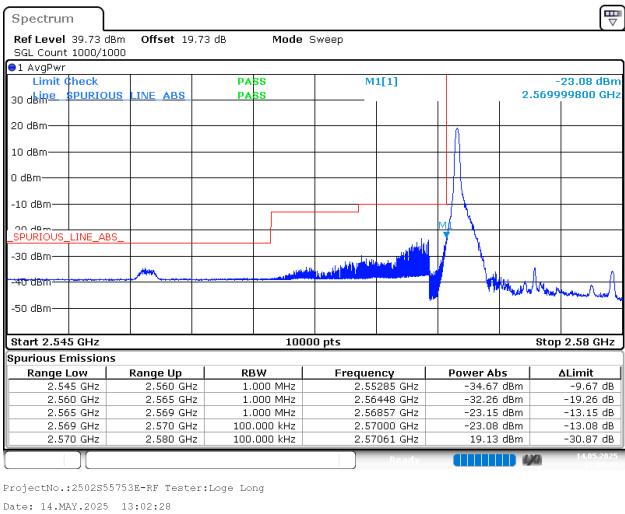
5MHz_High_16QAM_1@24



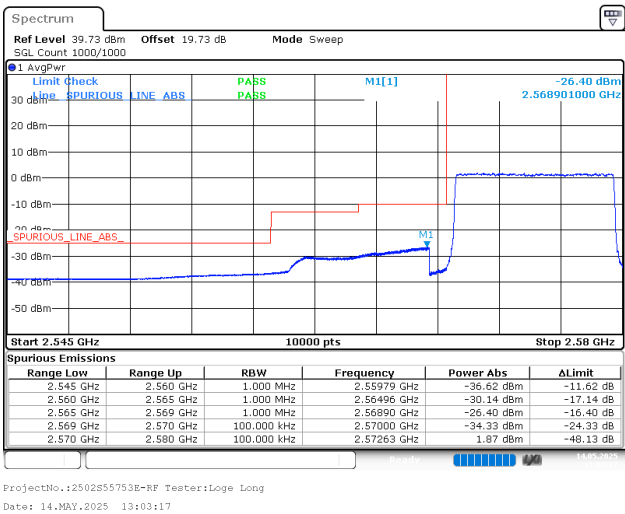
5MHz_High_16QAM_25@0



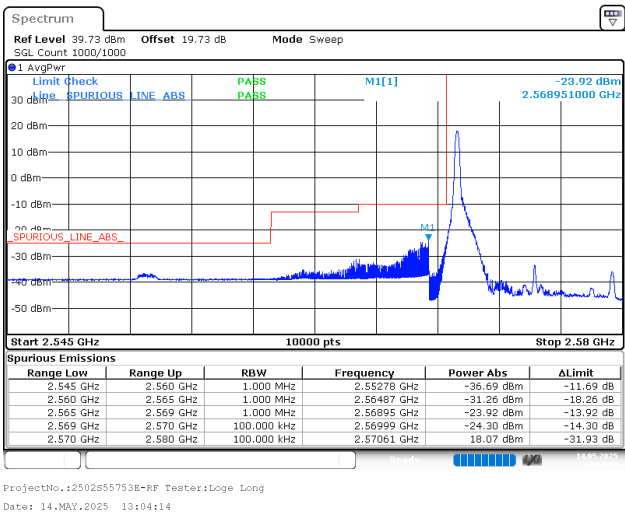
10MHz_Low_QPSK_1@0



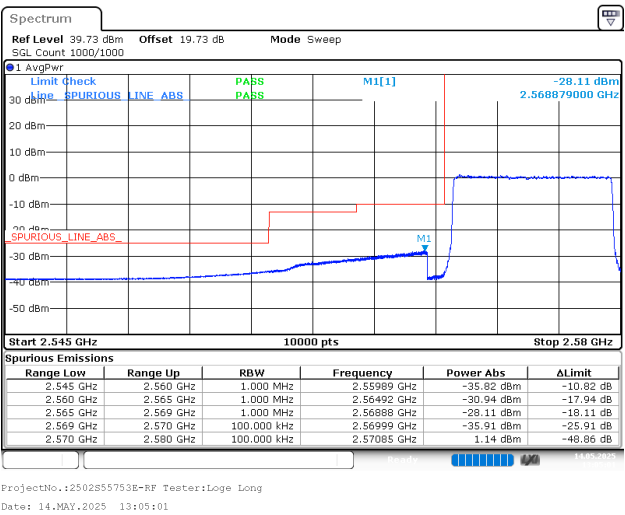
10MHz_Low_QPSK_50@0



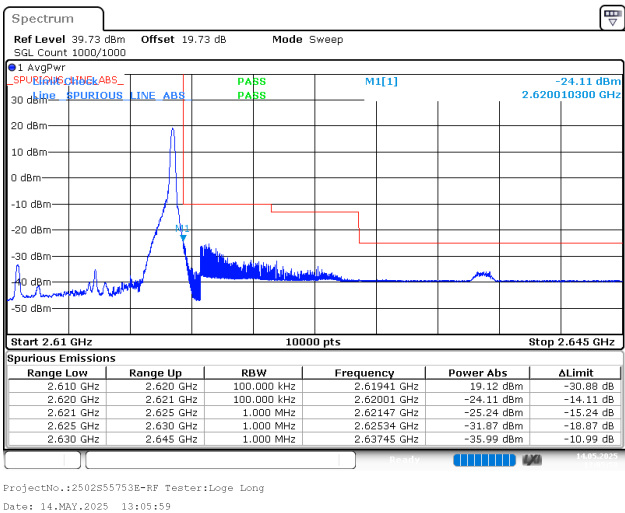
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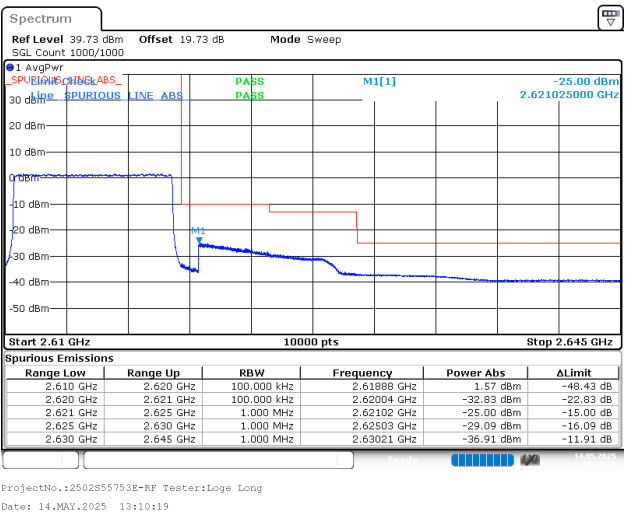
10MHz_Low_16QAM_50@0



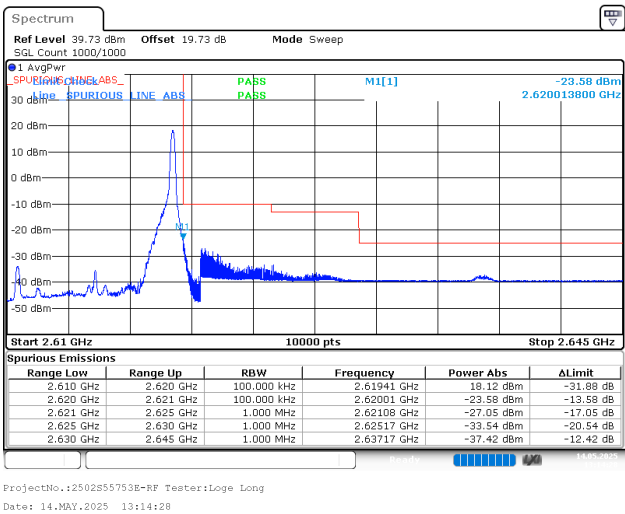
10MHz_High_QPSK_1@49



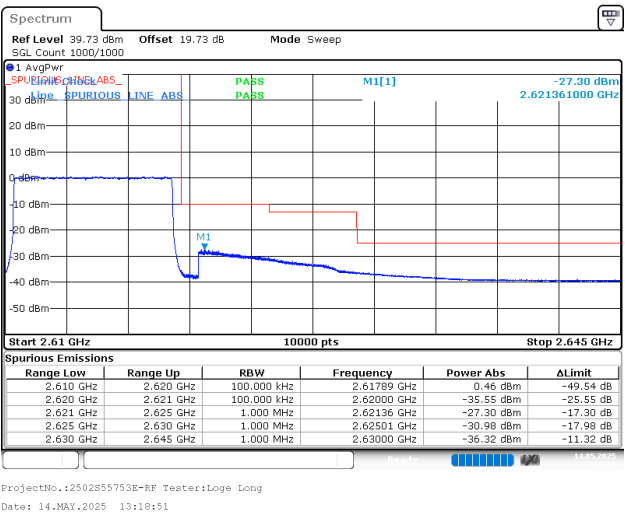
10MHz_High_QPSK_50@0



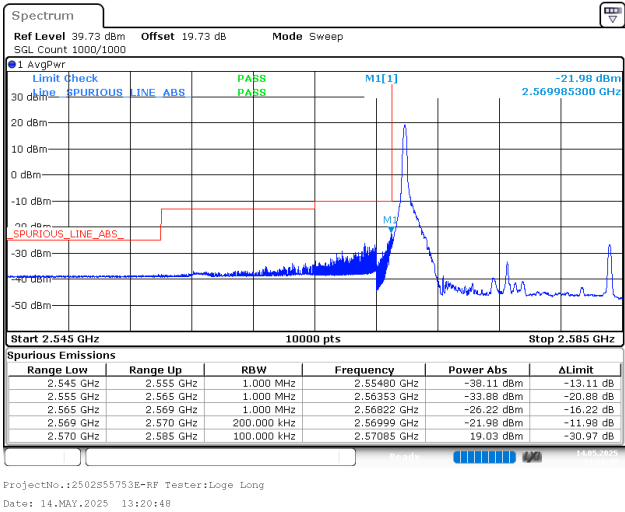
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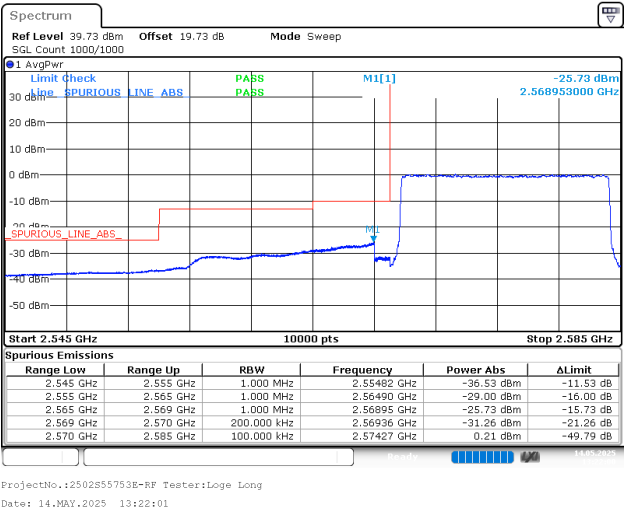
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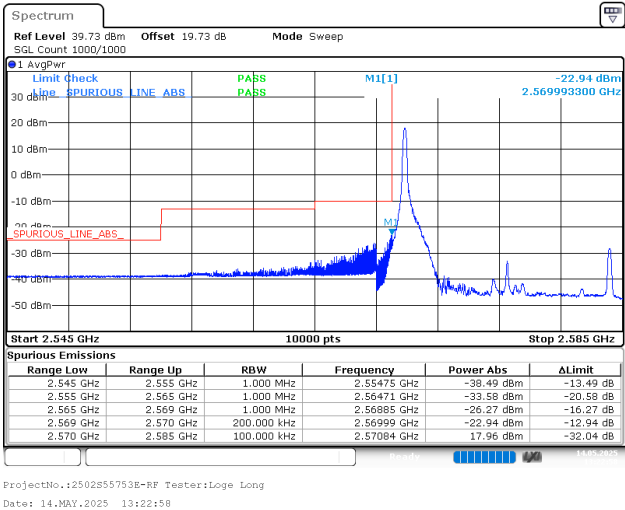
15MHz_Low_QPSK_1@0



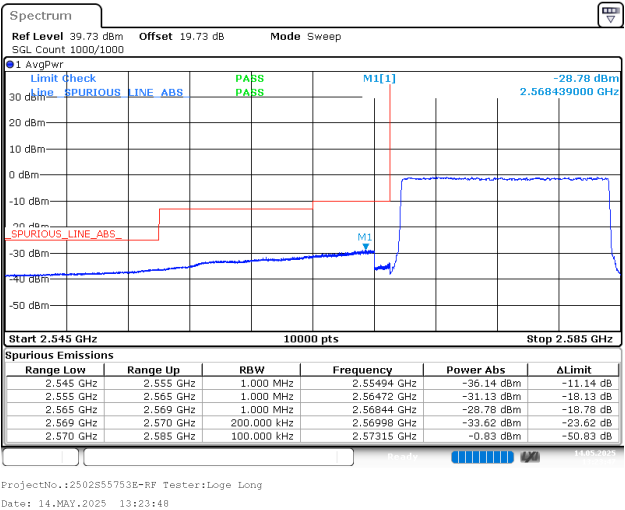
15MHz_Low_QPSK_75@0



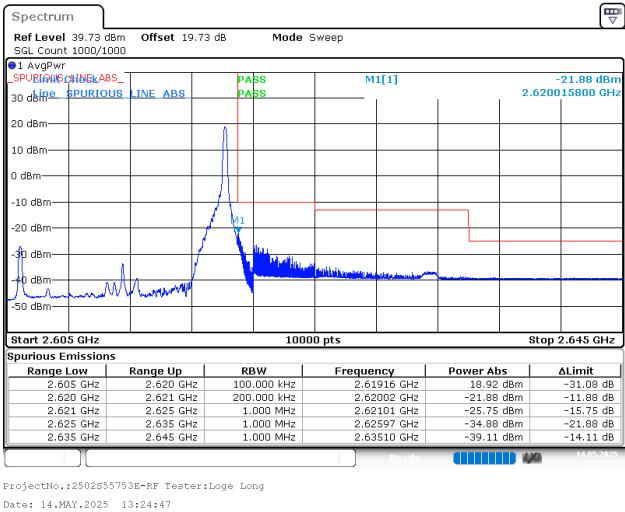
15MHz_Low_16QAM_1@0



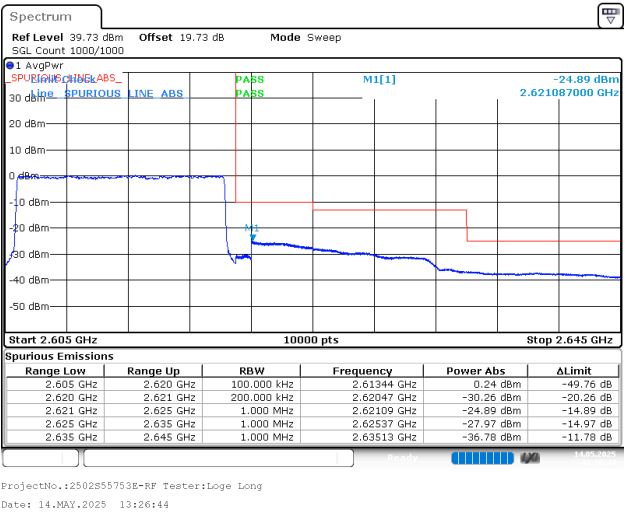
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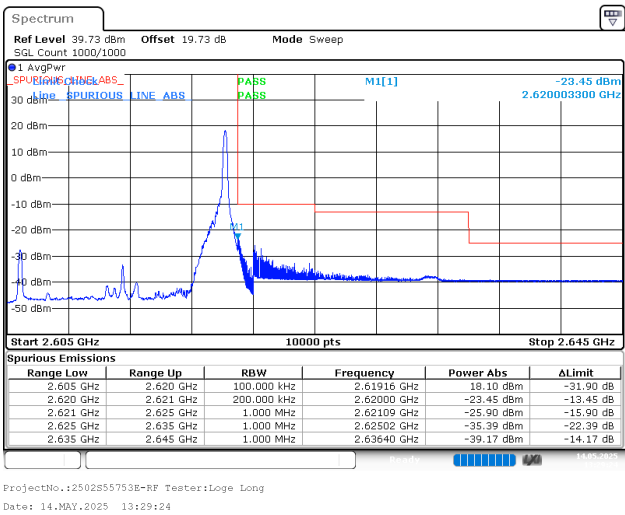
15MHz_High_QPSK_1@74



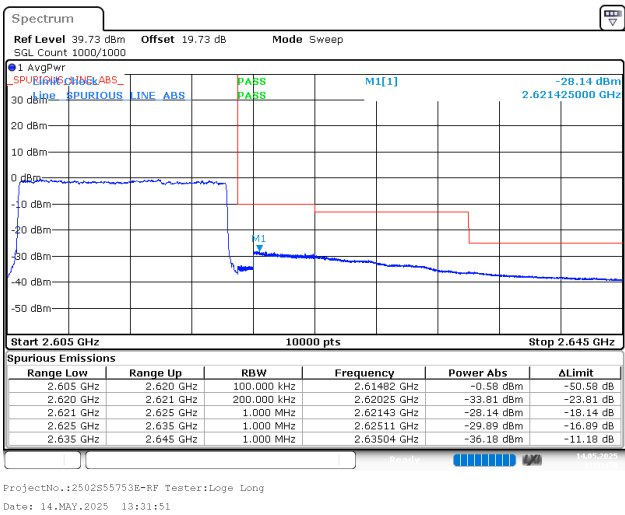
15MHz_High_QPSK_75@0



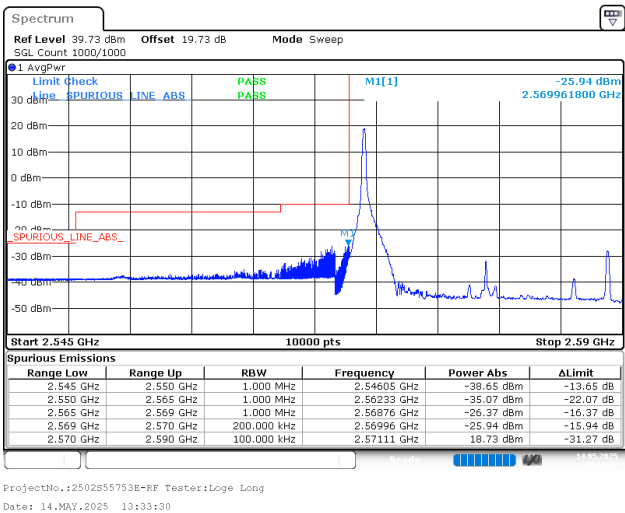
15MHz_High_16QAM_1@74



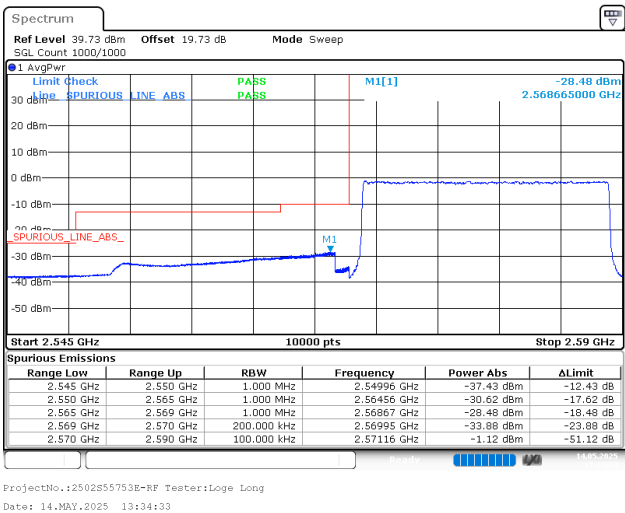
15MHz_High_16QAM_75@0



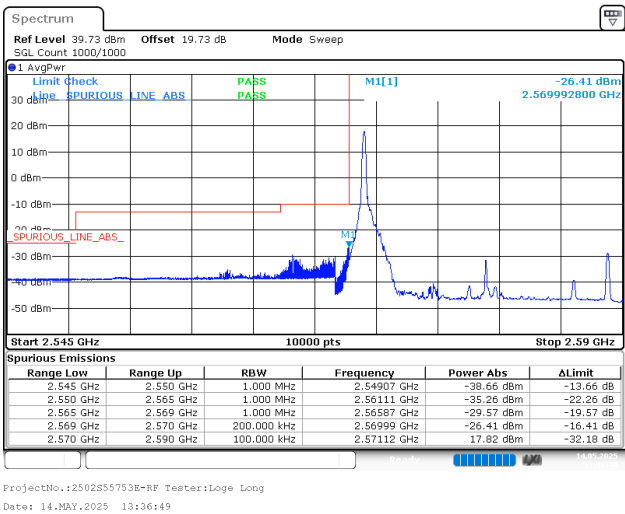
20MHz_Low_QPSK_1@0



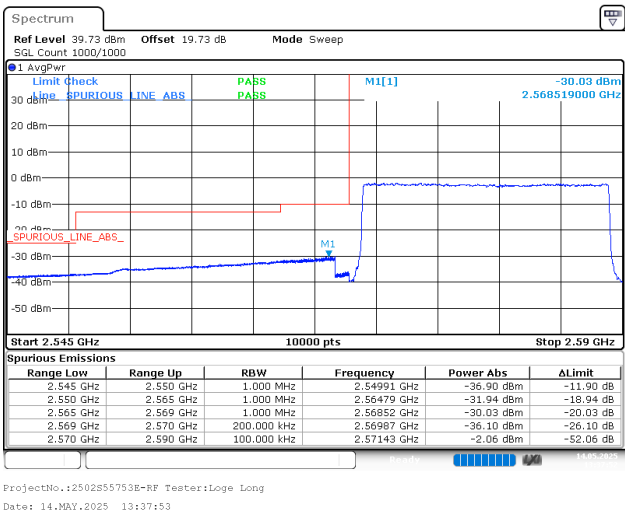
20MHz_Low_QPSK_100@0



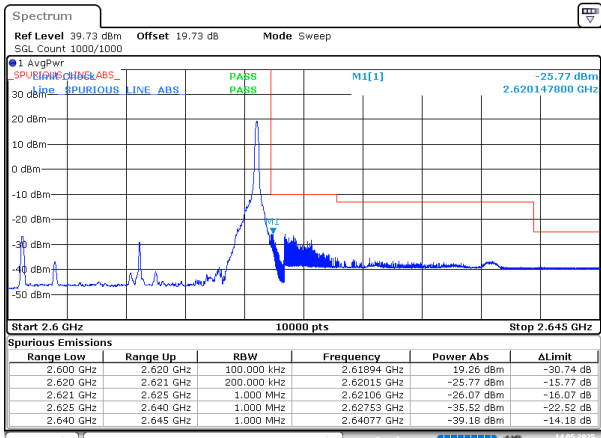
20MHz_Low_16QAM_1@0



20MHz_Low_16QAM_100@0

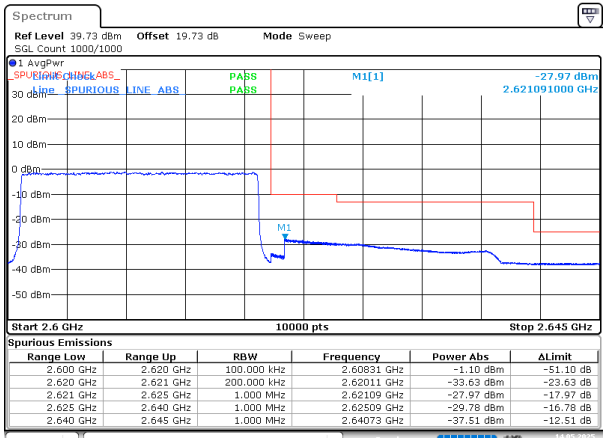


20MHz_High_QPSK_1@99



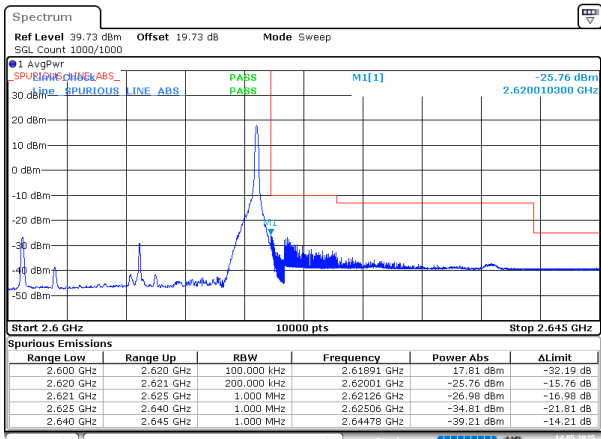
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 13:39:18

20MHz_High_QPSK_100@0



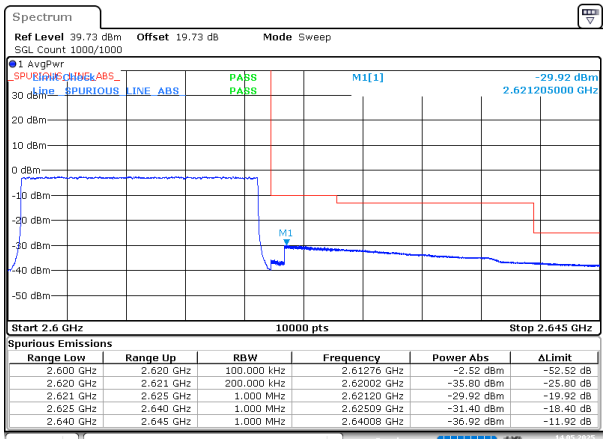
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 13:41:07

20MHz_High_16QAM_1@99



ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 13:43:00

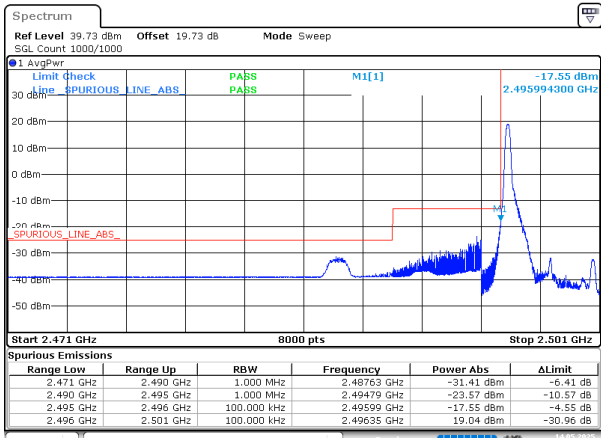
20MHz_High_16QAM_100@0



ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 13:52:24

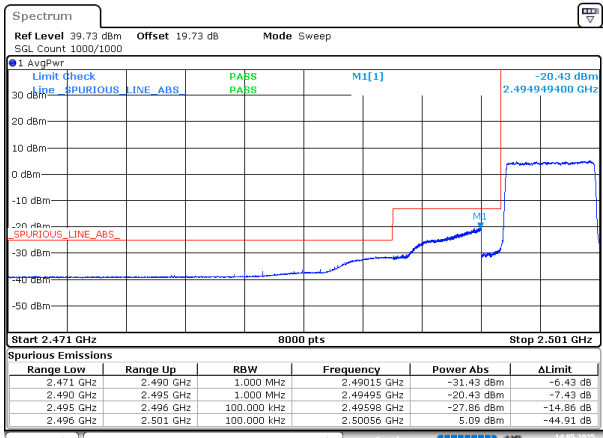
LTE Band 41, Normal

5MHz_Low_QPSK_1@0



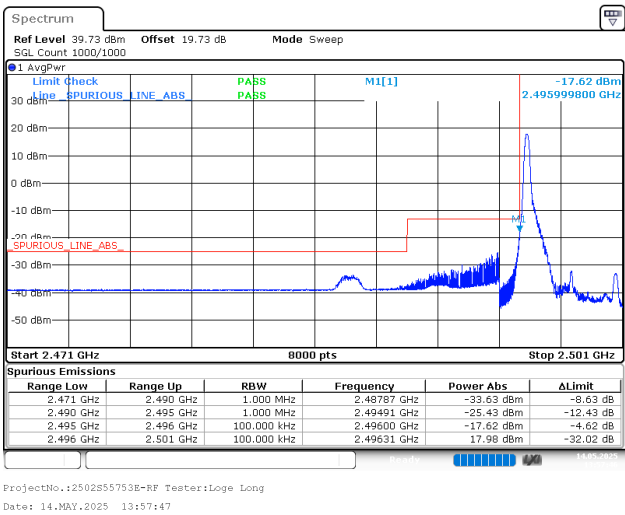
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Date: 14.MAY.2025 13:54:46

5MHz_Low_QPSK_25@0

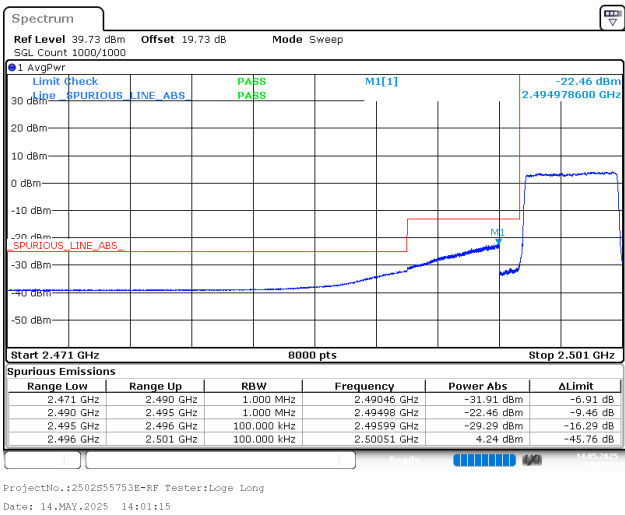


ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 13:56:36

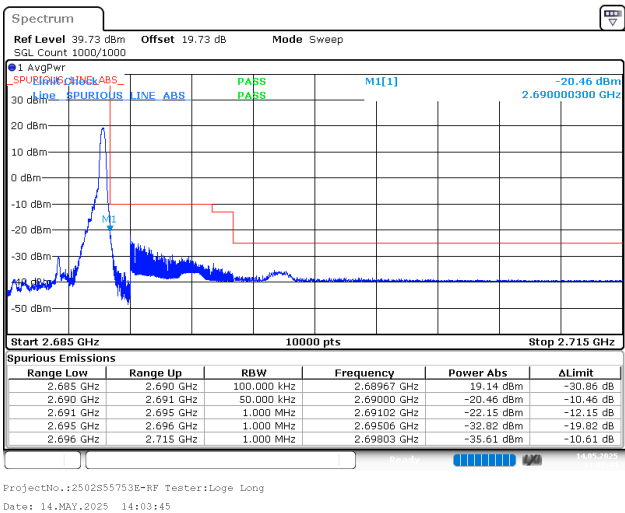
5MHz_Low_16QAM_1@0



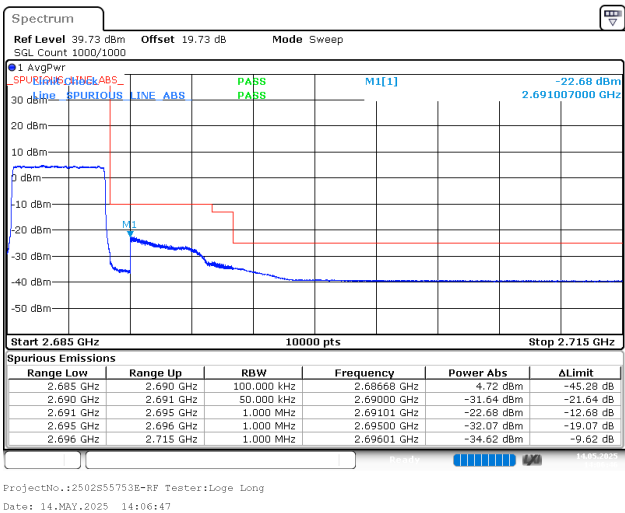
5MHz_Low_16QAM_25@0



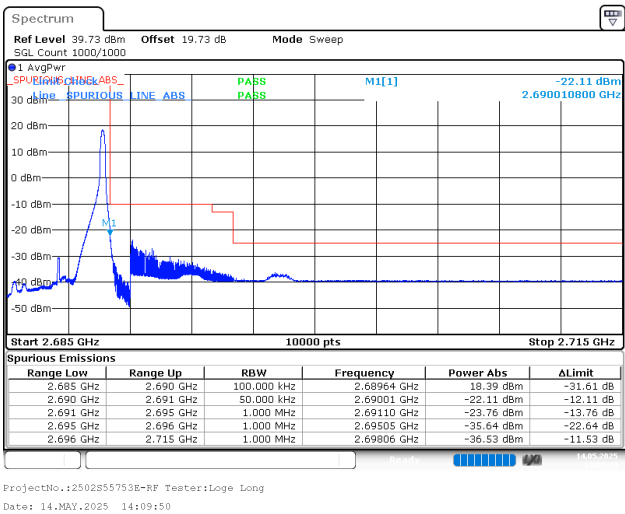
5MHz_High_QPSK_1@24



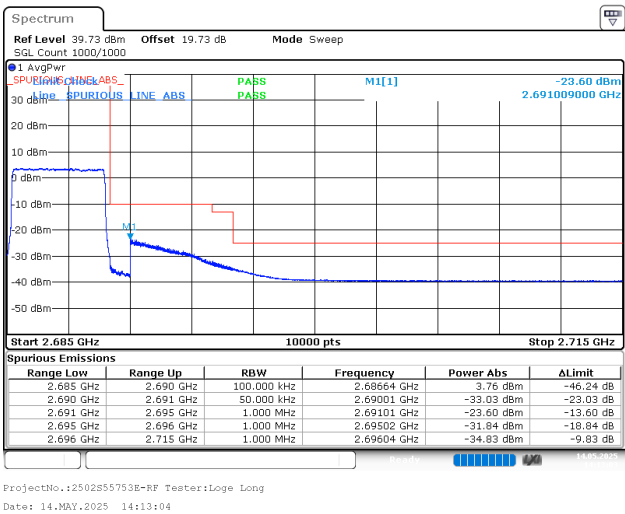
5MHz_High_QPSK_25@0



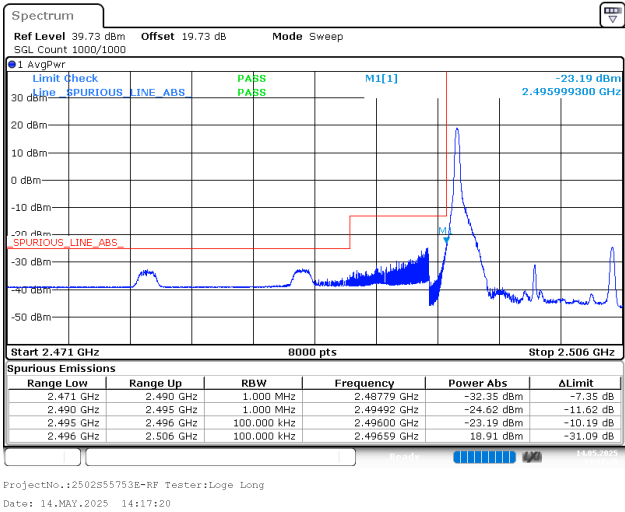
5MHz_High_16QAM_1@24



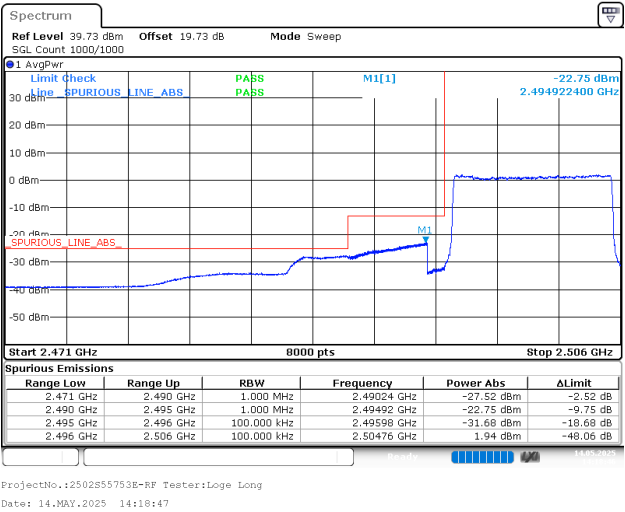
5MHz_High_16QAM_25@0



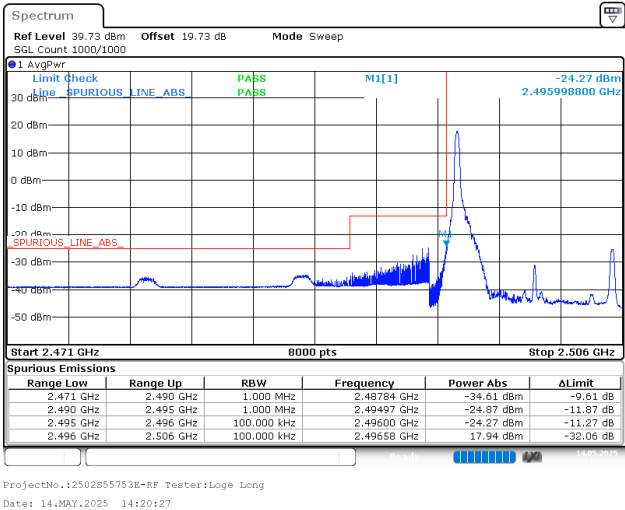
10MHz_Low_QPSK_1@0



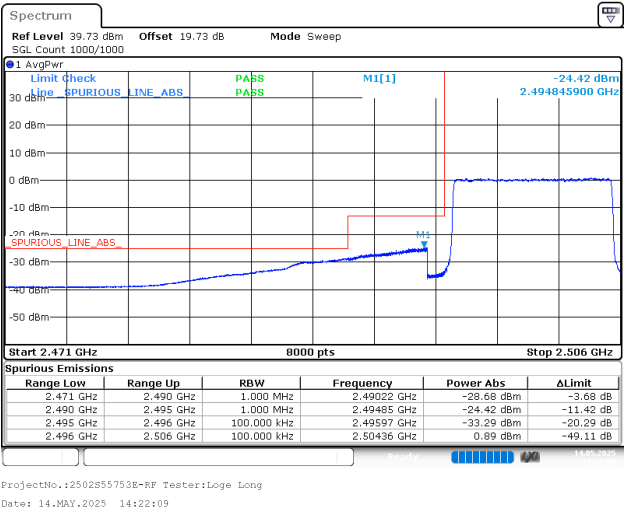
10MHz_Low_QPSK_50@0



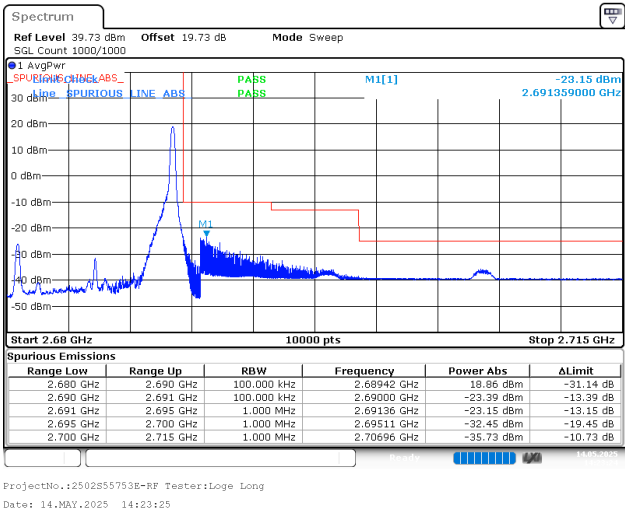
10MHz_Low_16QAM_1@0



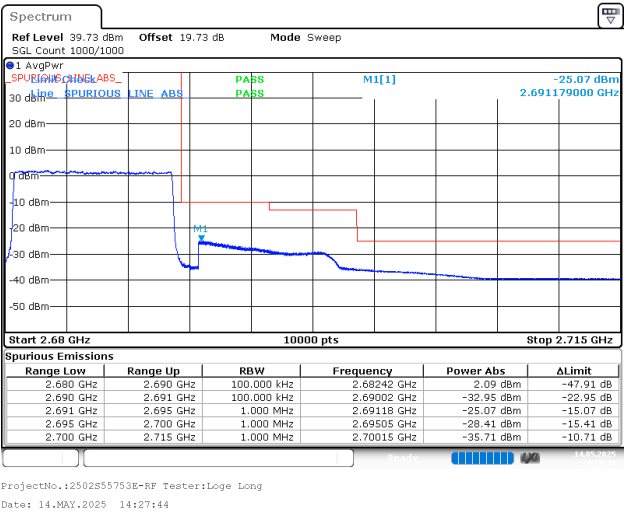
10MHz_Low_16QAM_50@0



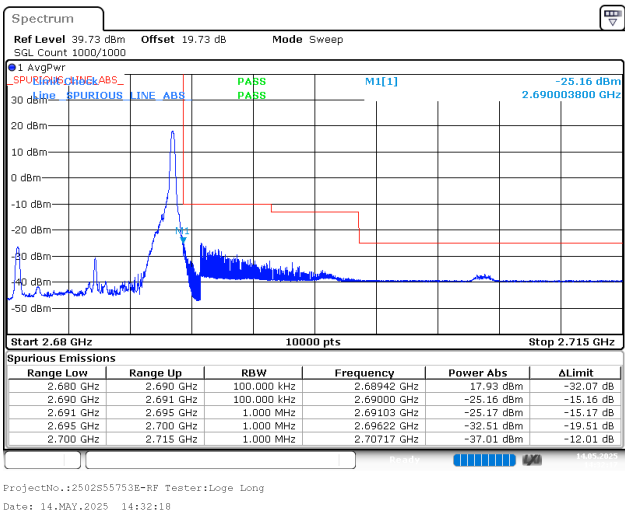
10MHz_High_QPSK_1@49



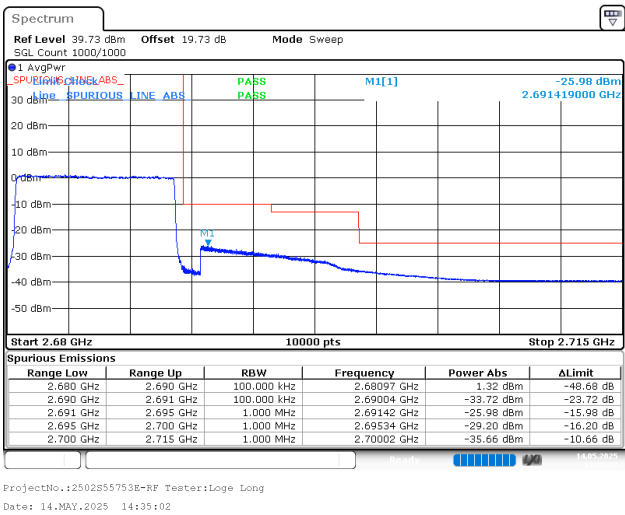
10MHz_High_QPSK_50@0



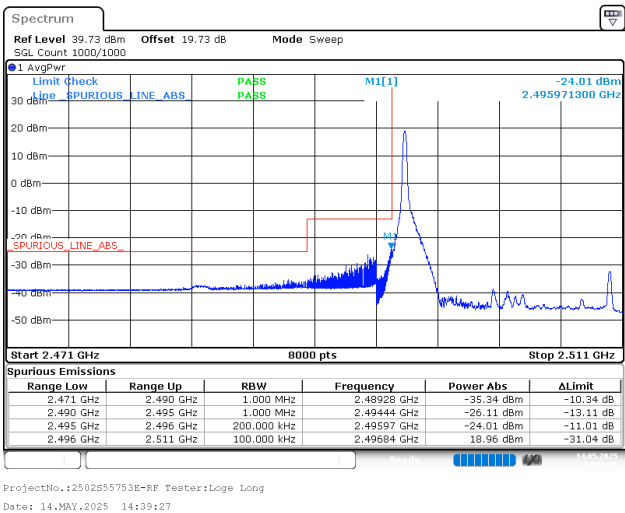
10MHz_High_16QAM_1@49



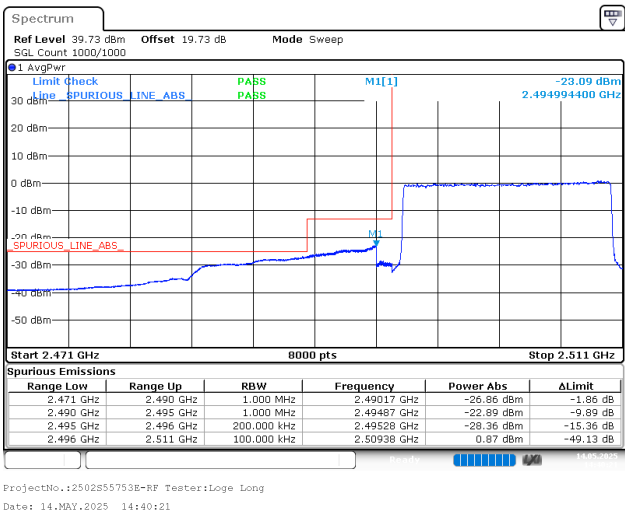
10MHz_High_16QAM_50@0



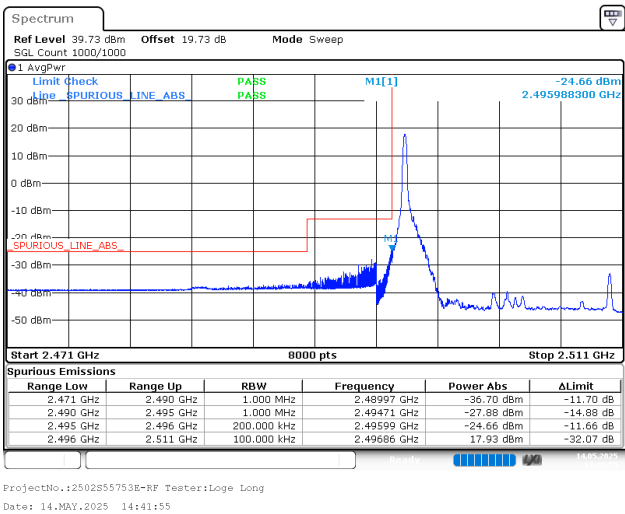
15MHz_Low_QPSK_1@0



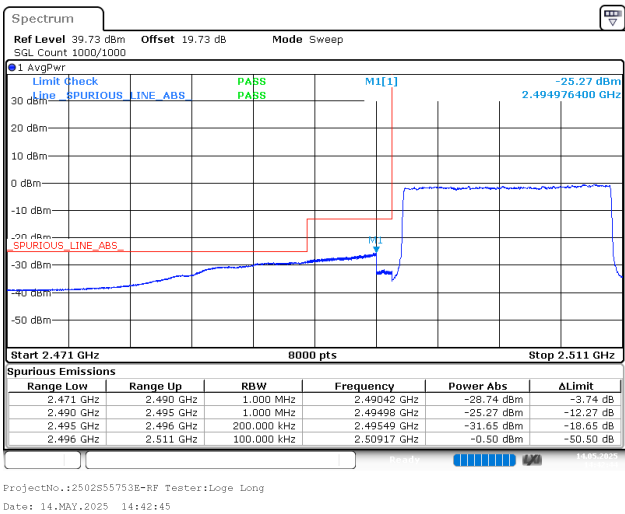
15MHz_Low_QPSK_75@0



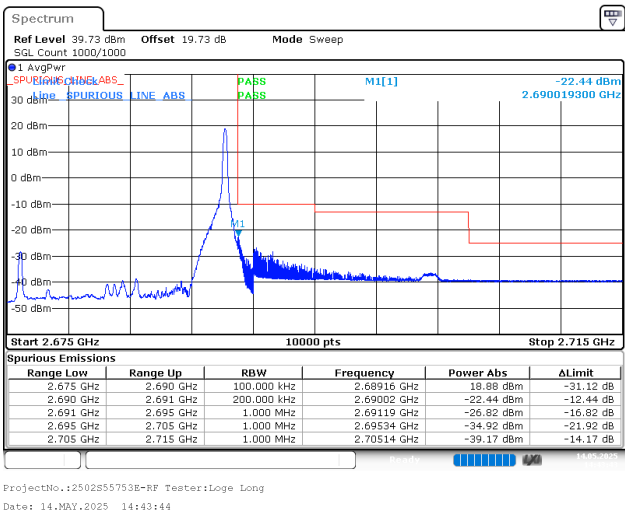
15MHz_Low_16QAM_1@0



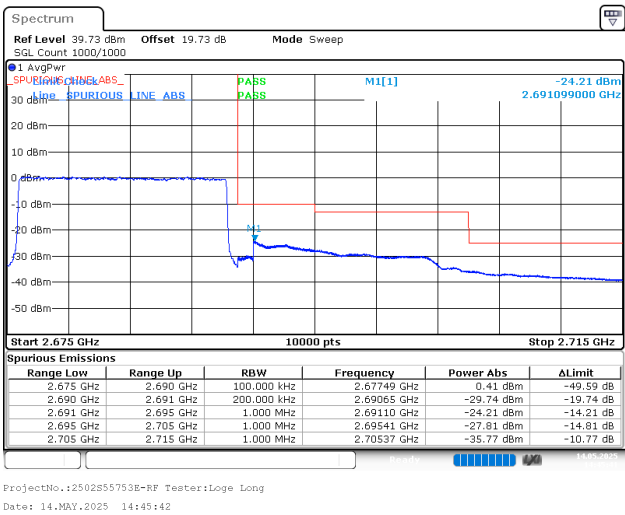
15MHz_Low_16QAM_75@0



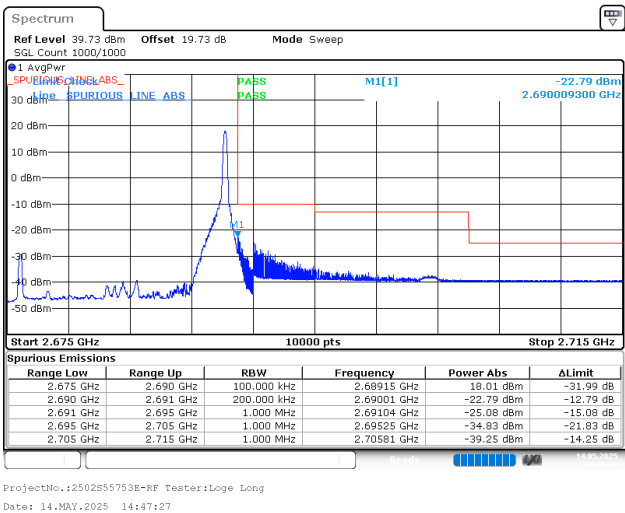
15MHz_High_QPSK_1@74



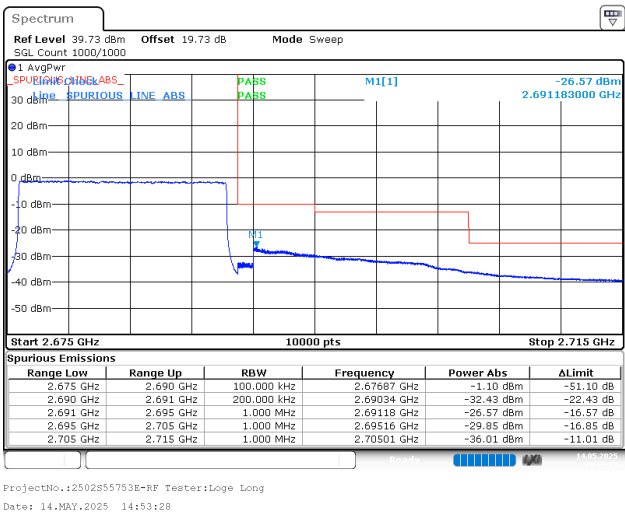
15MHz_High_QPSK_75@0



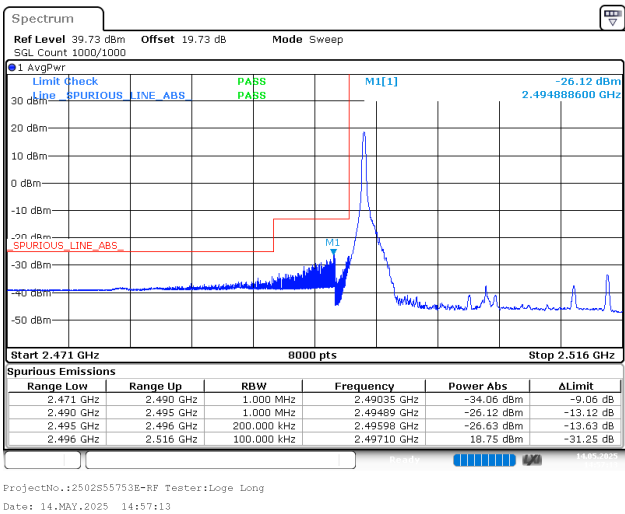
15MHz_High_16QAM_1@74



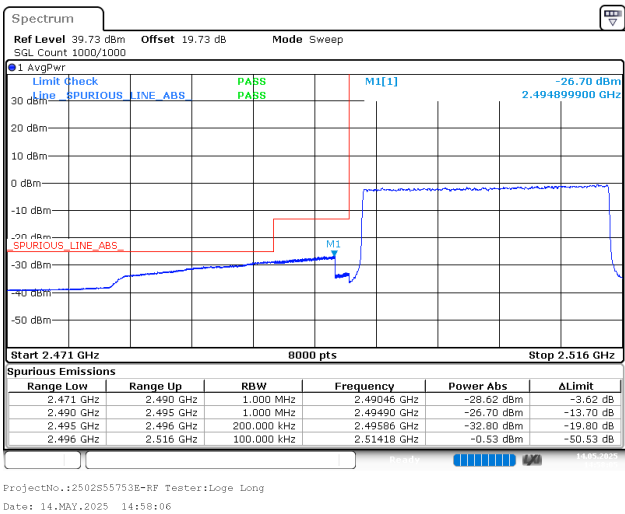
15MHz_High_16QAM_75@0



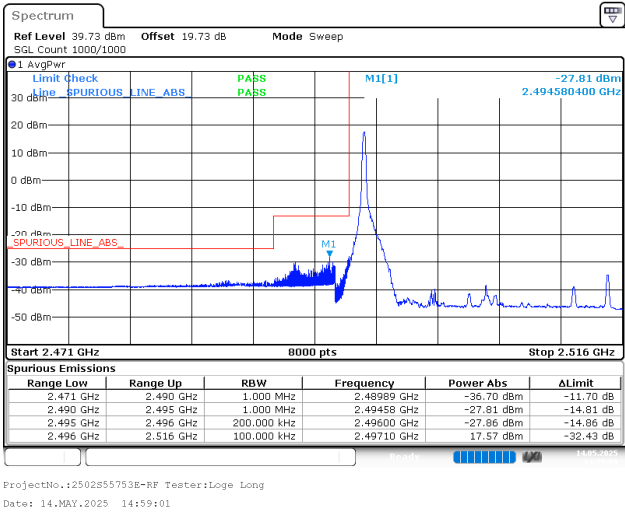
20MHz_Low_QPSK_1@0



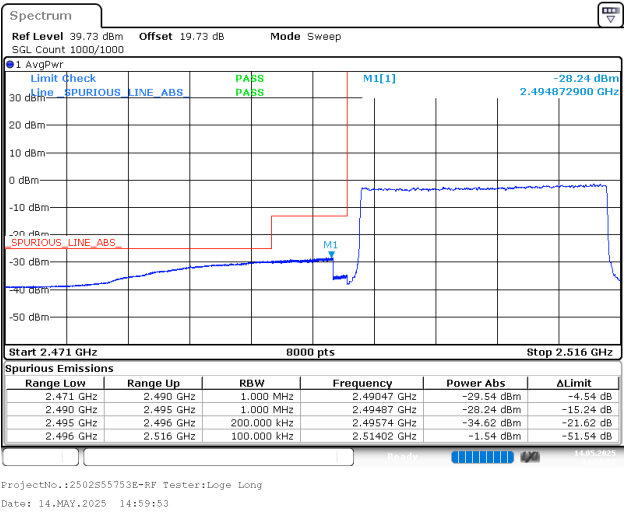
20MHz_Low_QPSK_100@0



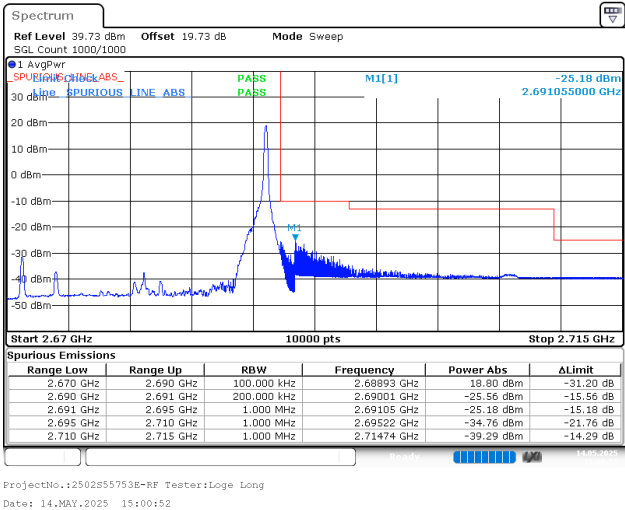
20MHz_Low_16QAM_1@0



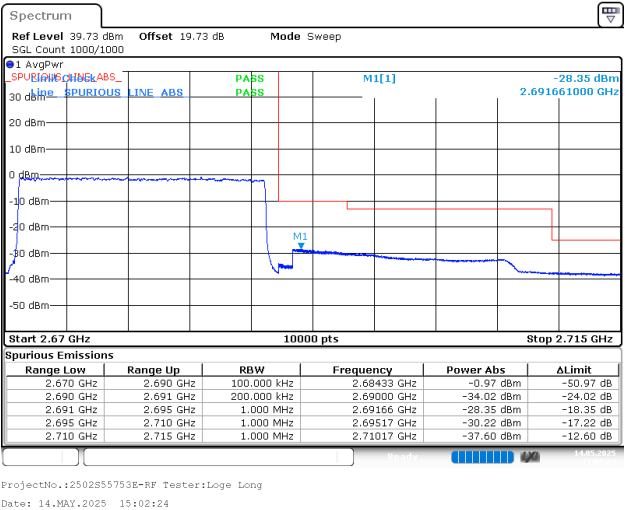
20MHz_Low_16QAM_100@0



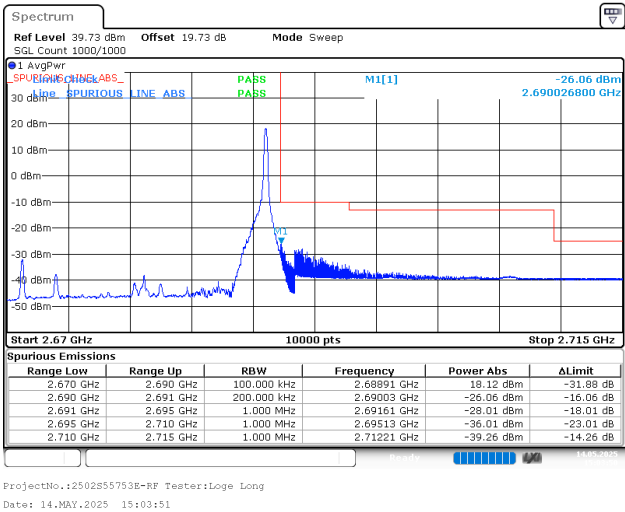
20MHz_High_QPSK_1@99



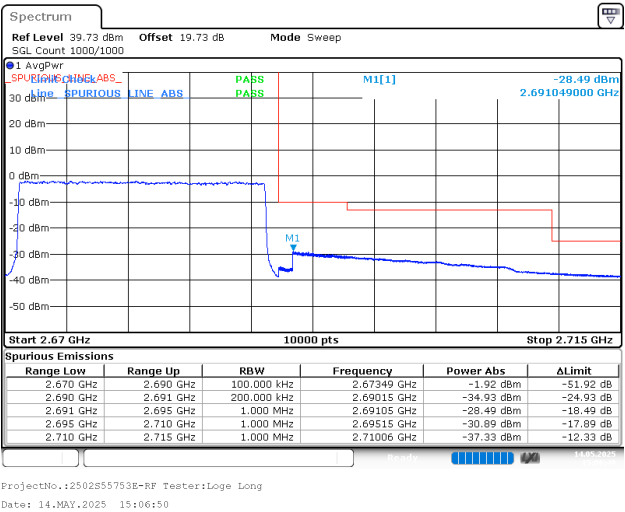
20MHz_High_QPSK_100@0



20MHz_High_16QAM_1@99



20MHz_High_16QAM_100@0



Duty Cycle

FCC Part 27

LTE Band 38, Normal

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)
5MHz_Middle_QPSK_25@0	2.996	5.001	59.90	2.23
5MHz_Middle_16QAM_25@0	2.996	5.001	59.90	2.23
10MHz_Middle_QPSK_50@0	2.996	5.001	59.90	2.23
10MHz_Middle_16QAM_50@0	2.996	5.001	59.90	2.23
15MHz_Middle_QPSK_75@0	2.996	5.001	59.90	2.23
15MHz_Middle_16QAM_75@0	2.996	5.001	59.90	2.23
20MHz_Middle_QPSK_100@0	2.996	5.001	59.90	2.23
20MHz_Middle_16QAM_100@0	2.996	5.001	59.90	2.23

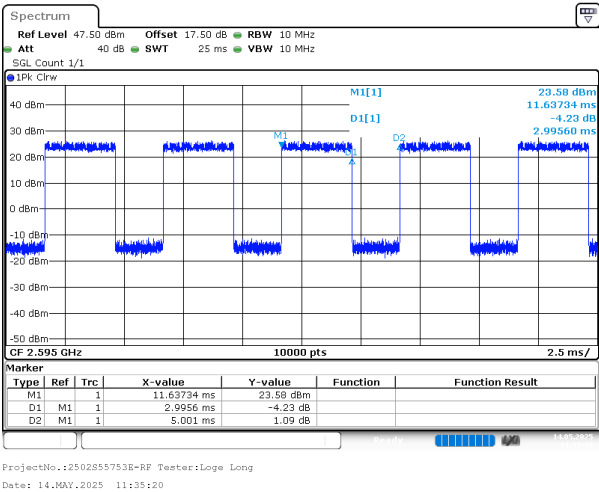
LTE Band 41, Normal

Mode	Ton (ms)	Ton+Toff (ms)	Duty Cycle (%)	Duty Cycle Factor(dB)
5MHz_Middle_QPSK_25@0	2.996	5.001	59.90	2.23
5MHz_Middle_16QAM_25@0	2.996	5.001	59.90	2.23
10MHz_Middle_QPSK_50@0	2.996	5.001	59.90	2.23
10MHz_Middle_16QAM_50@0	2.996	5.001	59.90	2.23
15MHz_Middle_QPSK_75@0	2.996	5.001	59.90	2.23
15MHz_Middle_16QAM_75@0	2.996	5.001	59.90	2.23
20MHz_Middle_QPSK_100@0	2.996	5.001	59.90	2.23
20MHz_Middle_16QAM_100@0	2.996	5.001	59.90	2.23

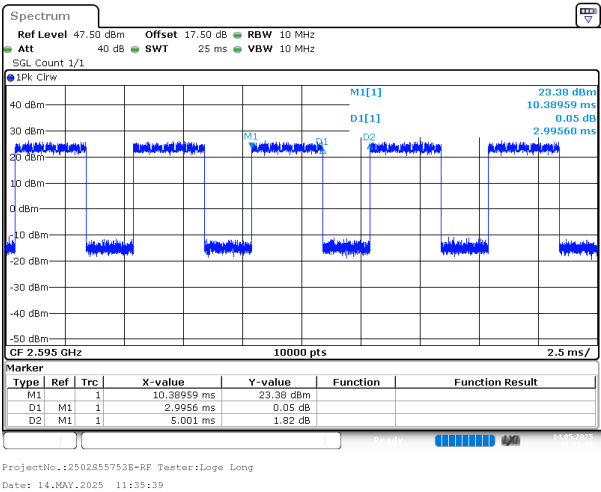
Duty Cycle = Ton/(Ton+Toff)*100%

LTE Band 38, Normal

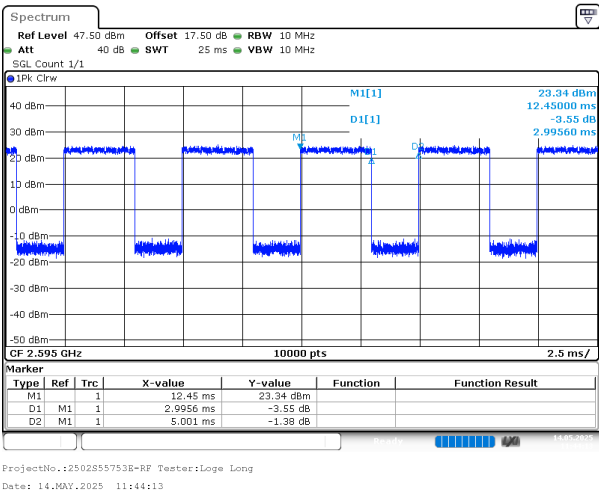
5MHz_Middle_QPSK_25@0



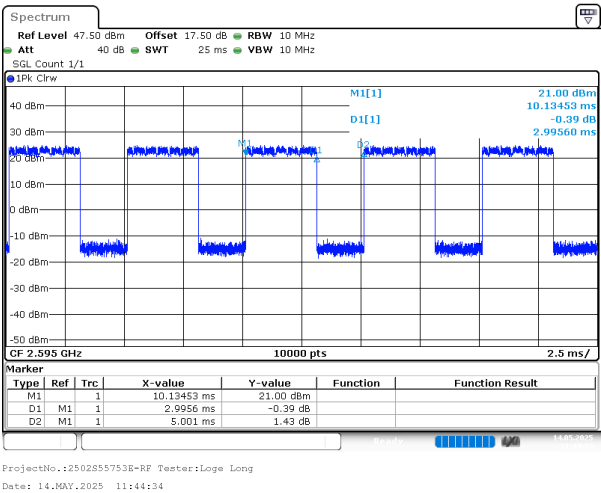
5MHz_Middle_16QAM_25@0



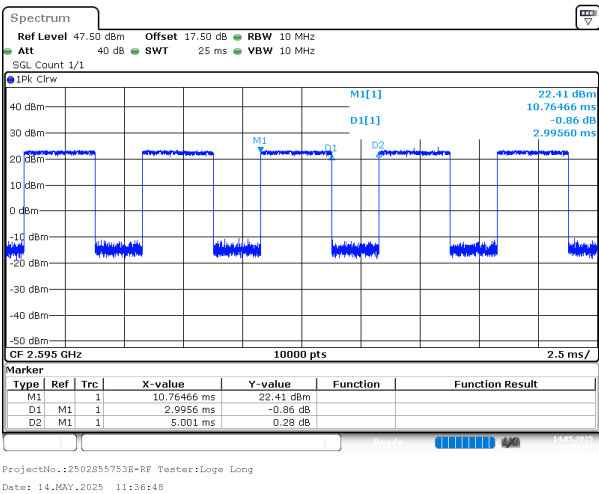
10MHz_Middle_QPSK_50@0



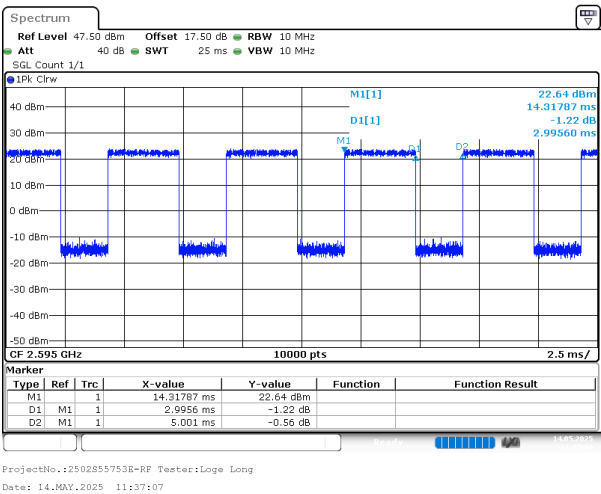
10MHz_Middle_16QAM_50@0



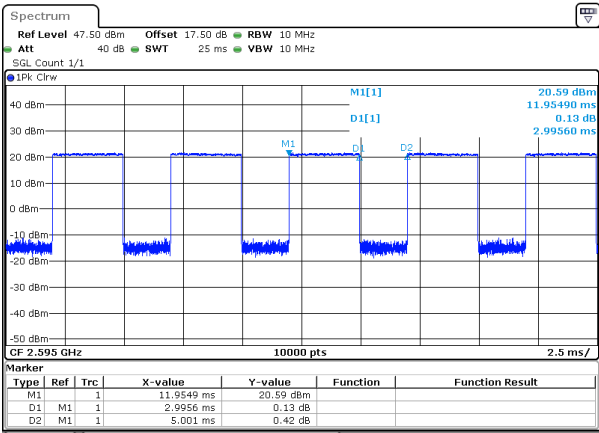
15MHz_Middle_QPSK_75@0



15MHz_Middle_16QAM_75@0

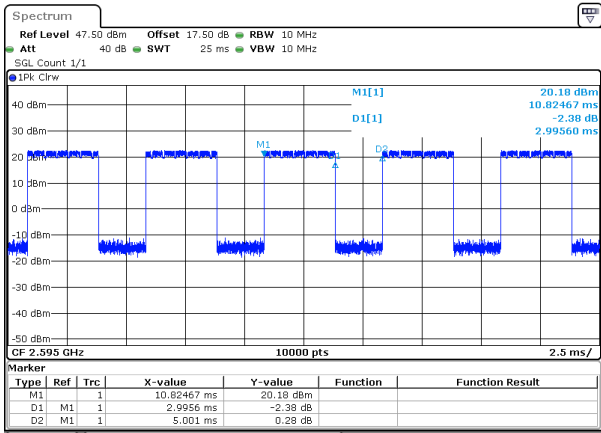


20MHz_Middle_QPSK_100@0



ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 11:37:30

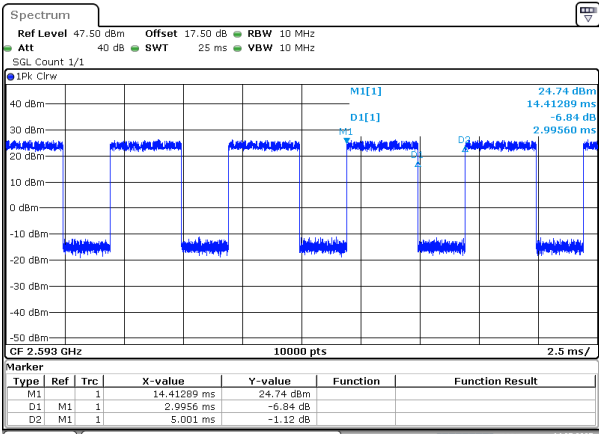
20MHz_Middle_16QAM_100@0



ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 11:37:50

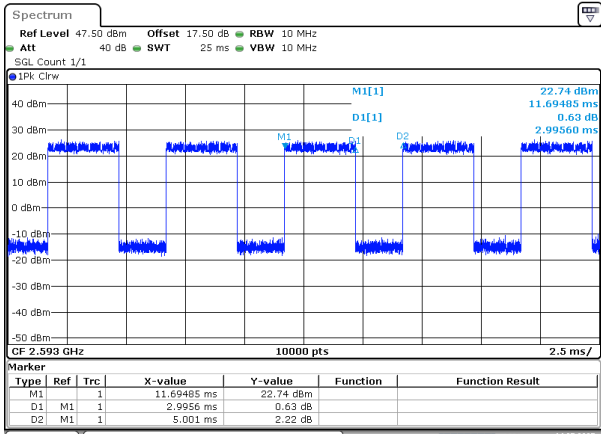
LTE Band 41, Normal

5MHz_Middle_QPSK_25@0



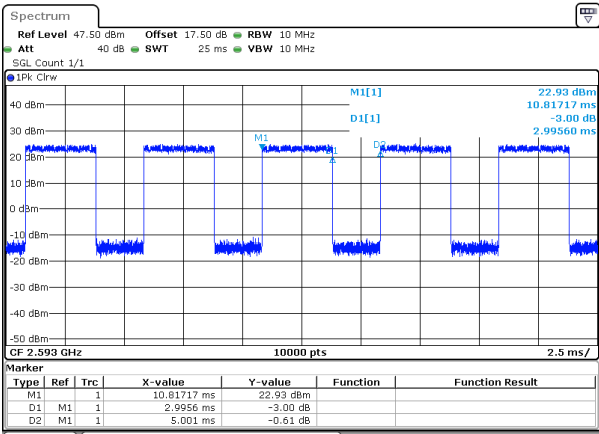
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 11:39:18

5MHz_Middle_16QAM_25@0



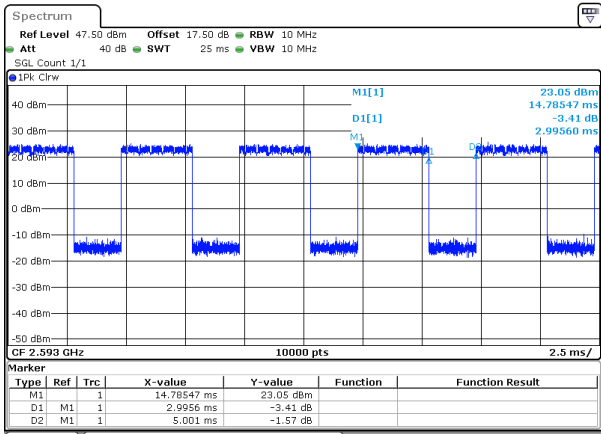
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 11:45:10

10MHz_Middle_QPSK_50@0



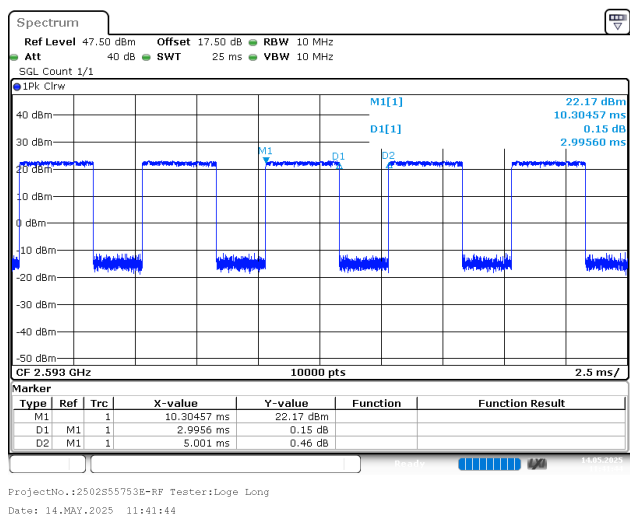
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 11:45:35

10MHz_Middle_16QAM_50@0

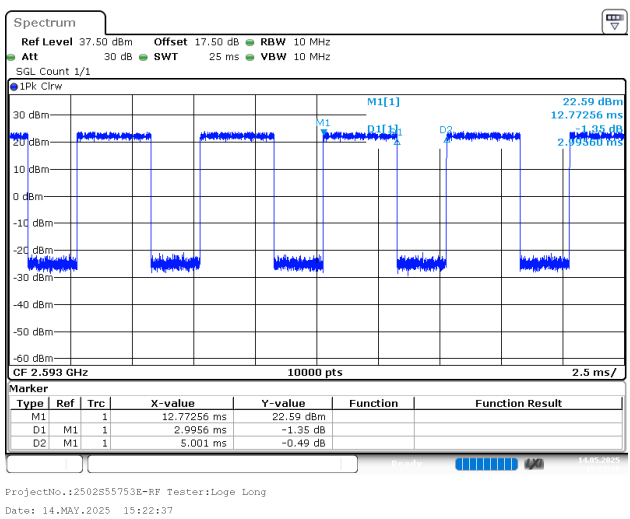


ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 14.MAY.2025 11:41:22

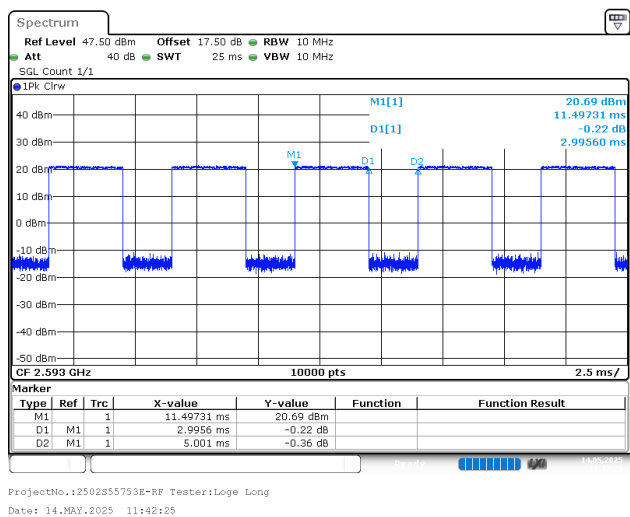
15MHz_Middle_QPSK_75@0



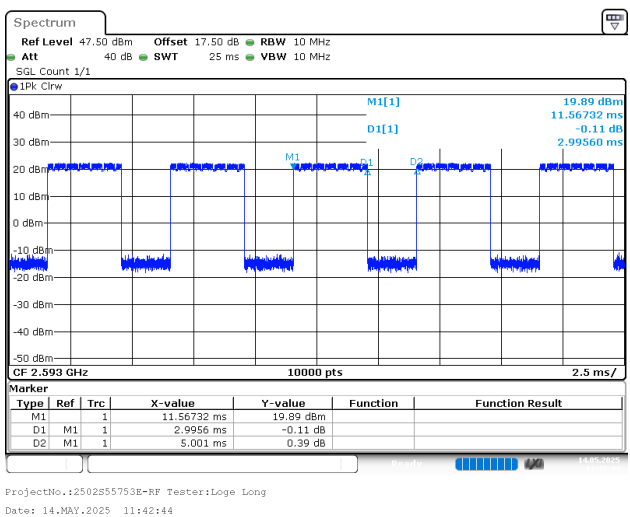
15MHz_Middle_16QAM_75@0



20MHz_Middle_QPSK_100@0



20MHz_Middle_16QAM_100@0

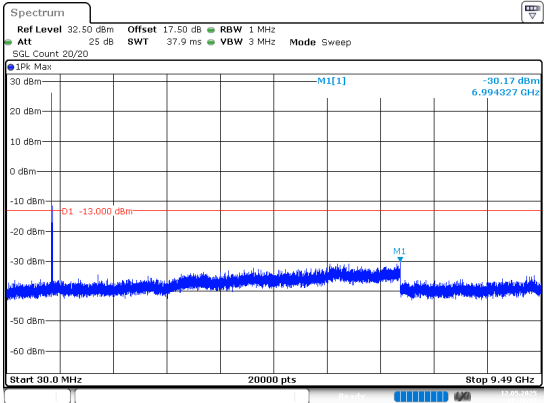


Spurious Emissions at Antenna Terminal

FCC Part 22H

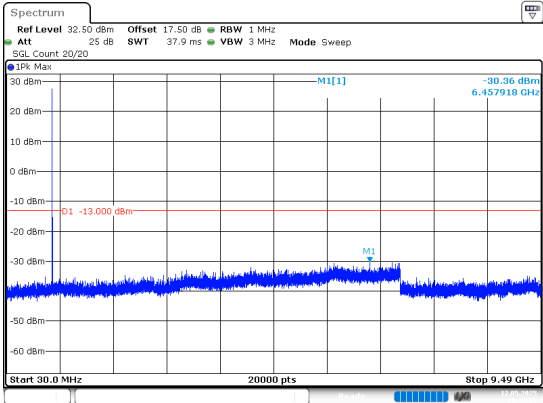
LTE Band 5, Normal
1RB was the worst case

1.4MHz_Low_QPSK_1@0(30MHz~9.49GHz)



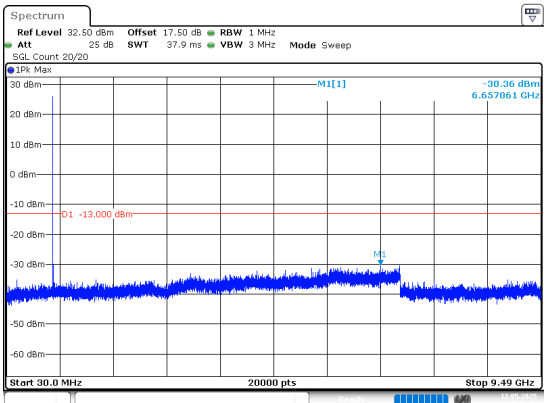
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 12.MAY.2025 08:40:12

1.4MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



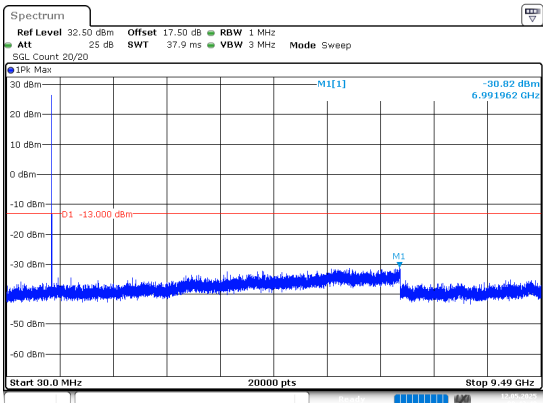
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 12.MAY.2025 08:40:28

1.4MHz_High_QPSK_1@0(30MHz~9.49GHz)



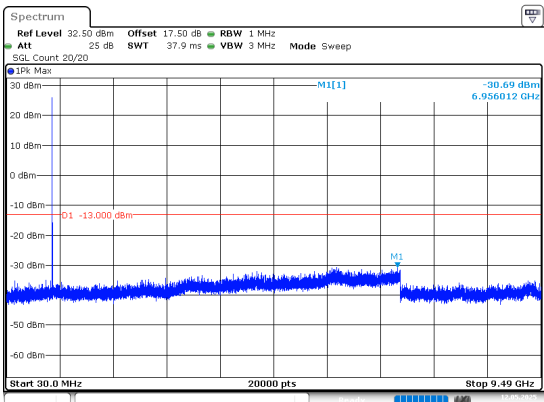
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 12.MAY.2025 08:40:44

3MHz_Low_QPSK_1@0(30MHz~9.49GHz)



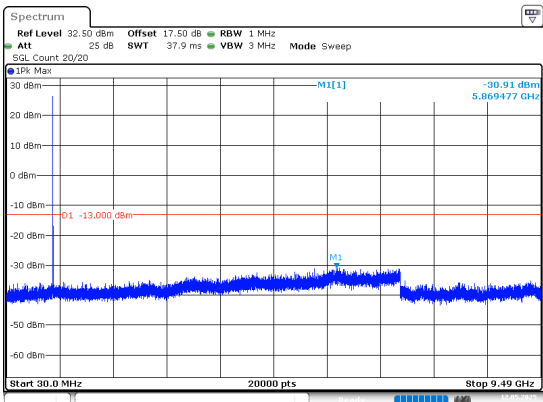
ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 12.MAY.2025 08:42:40

3MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 12.MAY.2025 09:08:50

3MHz_High_QPSK_1@0(30MHz~9.49GHz)



ProjectNo.:2502S55753E-RF Tester:Loge Long
Date: 12.MAY.2025 09:09:05