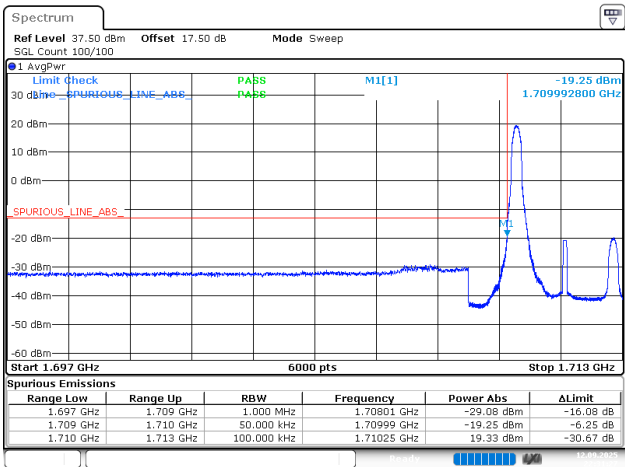
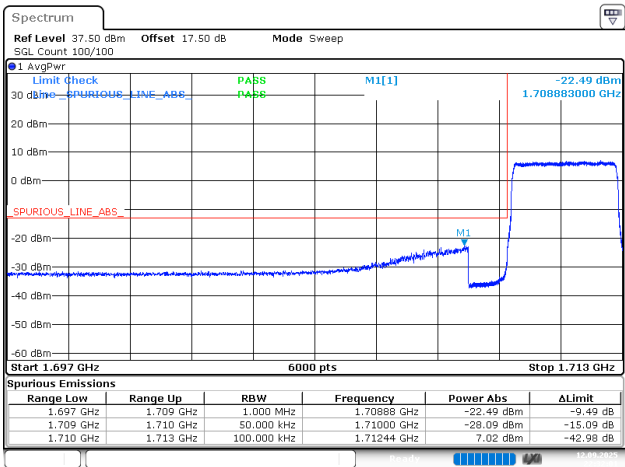


3MHz_Low_16QAM_1@0



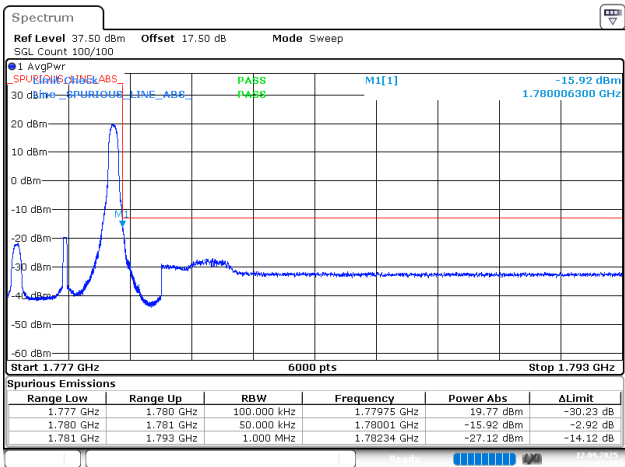
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:31:28

3MHz_Low_16QAM_15@0



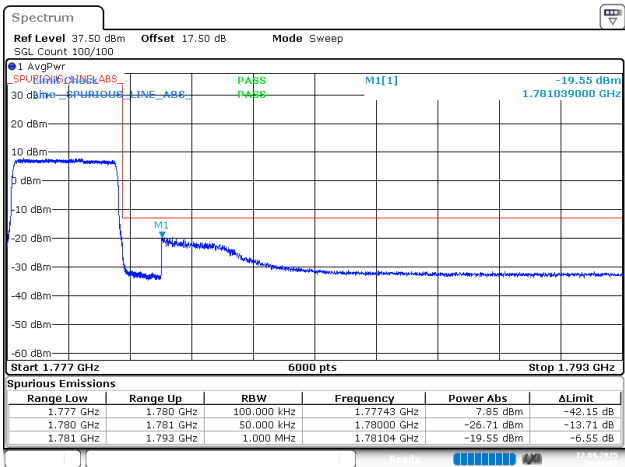
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:32:01

3MHz_High_QPSK_1@14



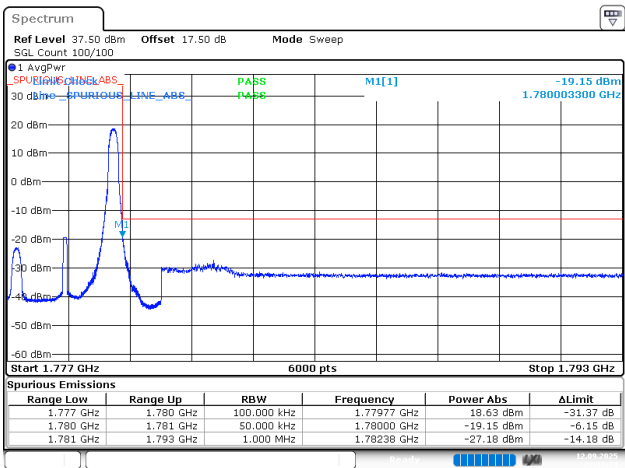
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Date: 12.SEP.2025 22:32:35

3MHz_High_QPSK_15@0



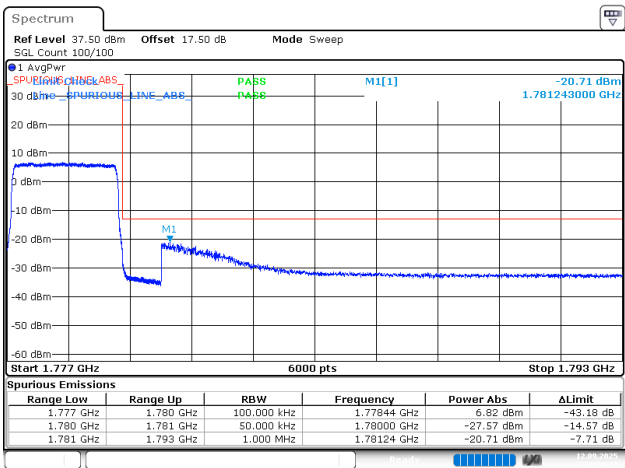
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Date: 12.SEP.2025 22:33:07

3MHz_High_16QAM_1@14



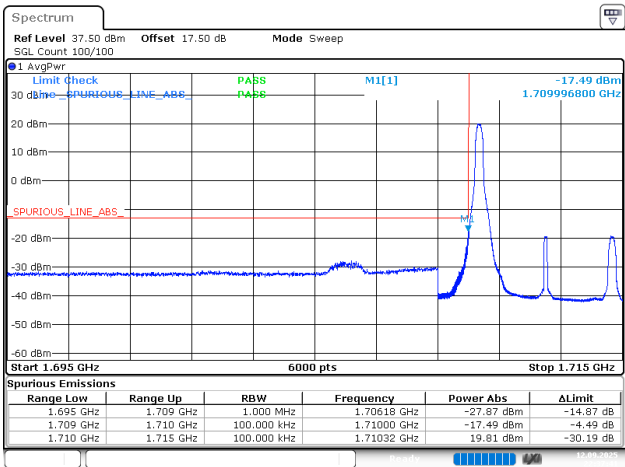
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Date: 12.SEP.2025 22:33:40

3MHz_High_16QAM_15@0



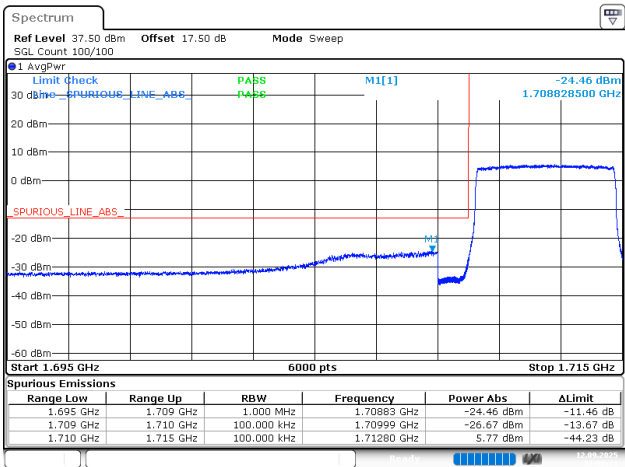
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:34:12

5MHz_Low_QPSK_1@0



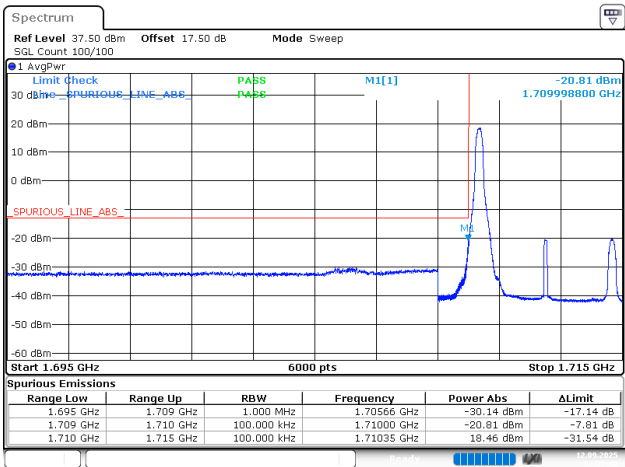
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:37:41

5MHz_Low_QPSK_25@0



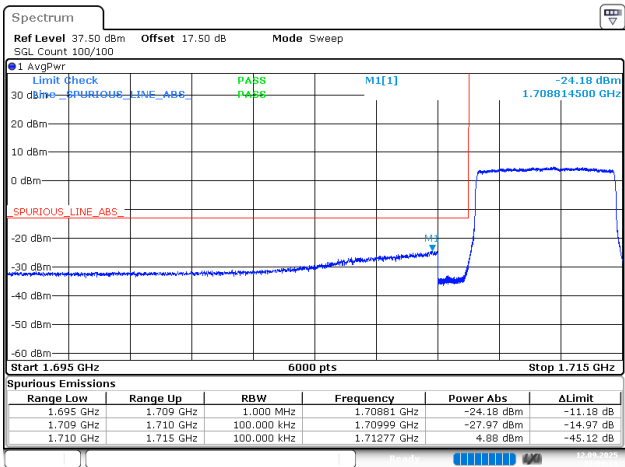
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:38:11

5MHz_Low_16QAM_1@0



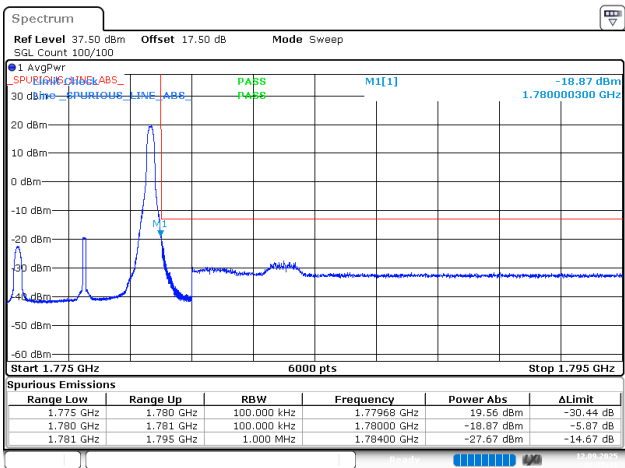
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Date: 12.SEP.2025 22:38:41

5MHz_Low_16QAM_25@0



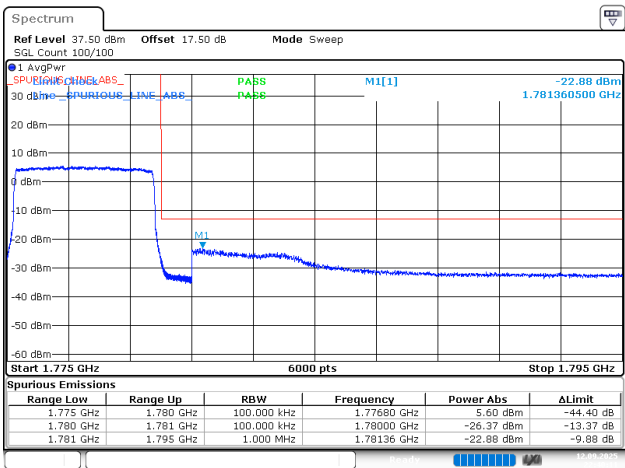
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:39:11

5MHz_High_QPSK_1@24



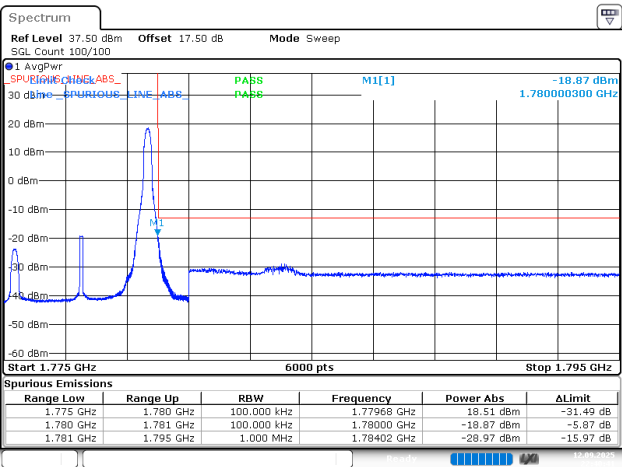
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Date: 12.SEP.2025 22:39:41

5MHz_High_QPSK_25@0



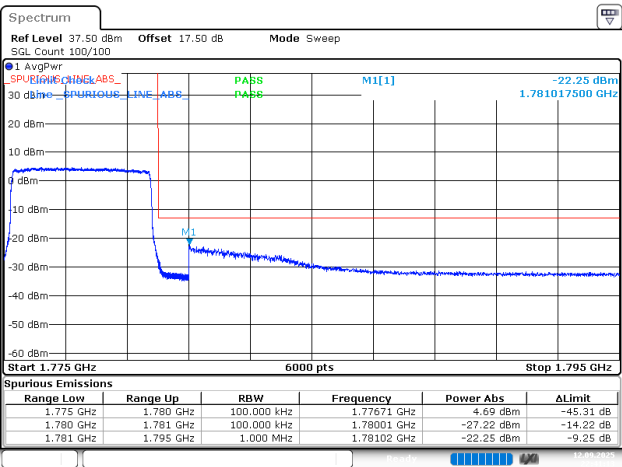
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:40:11

5MHz_High_16QAM_1@24



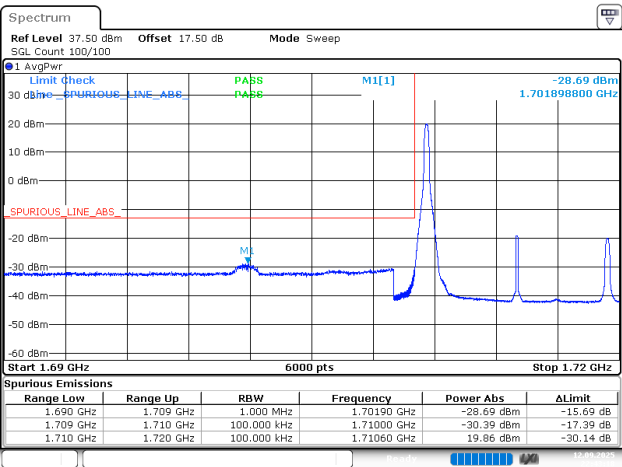
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:40:42

5MHz_High_16QAM_25@0



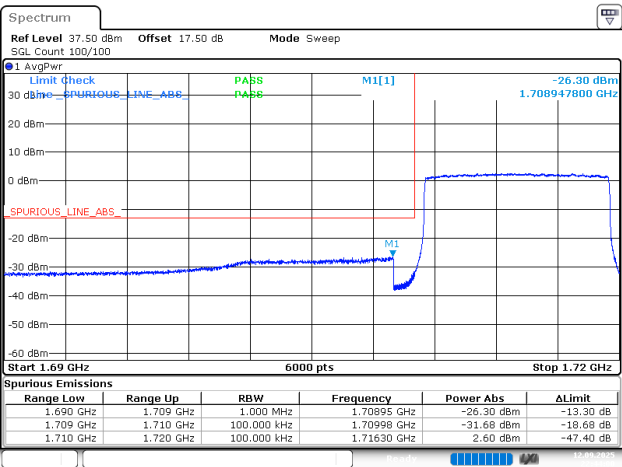
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:41:13

10MHz_Low_QPSK_1@0



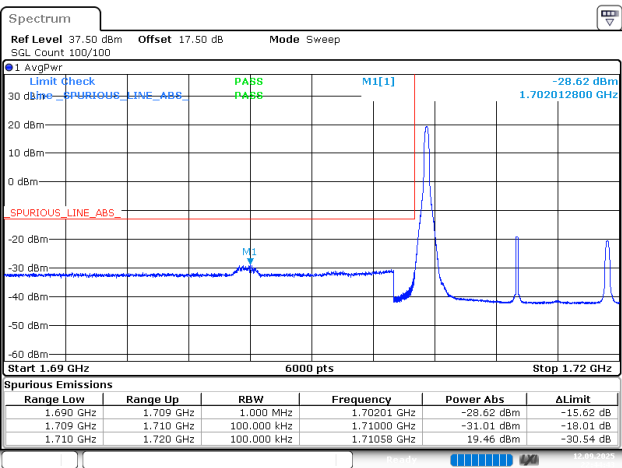
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:43:18

10MHz_Low_QPSK_50@0



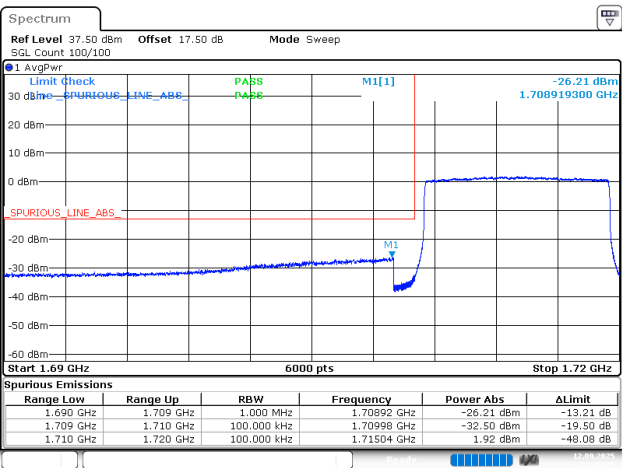
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Date: 12.SEP.2025 22:44:01

10MHz_Low_16QAM_1@0



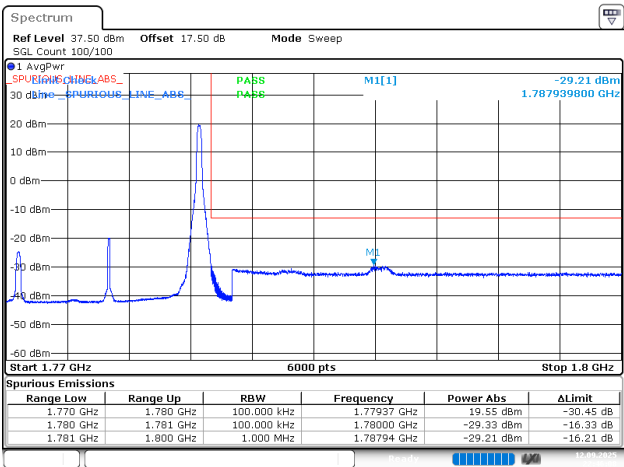
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Date: 12.SEP.2025 22:44:44

10MHz_Low_16QAM_50@0



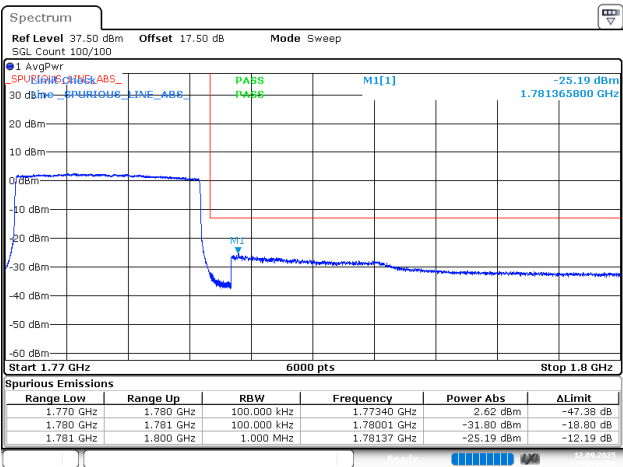
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:45:26

10MHz_High_QPSK_1@49



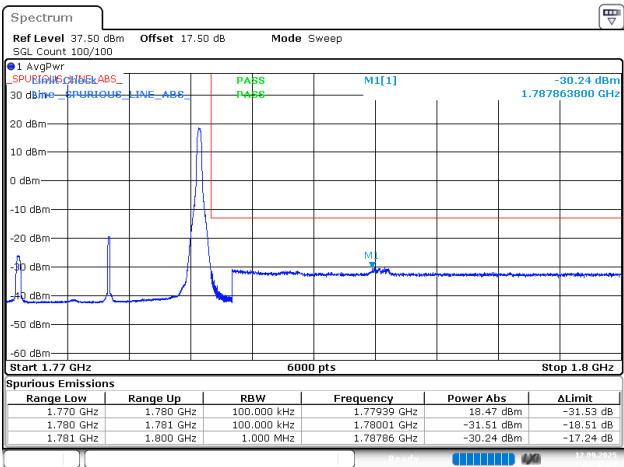
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:46:08

10MHz_High_QPSK_50@0



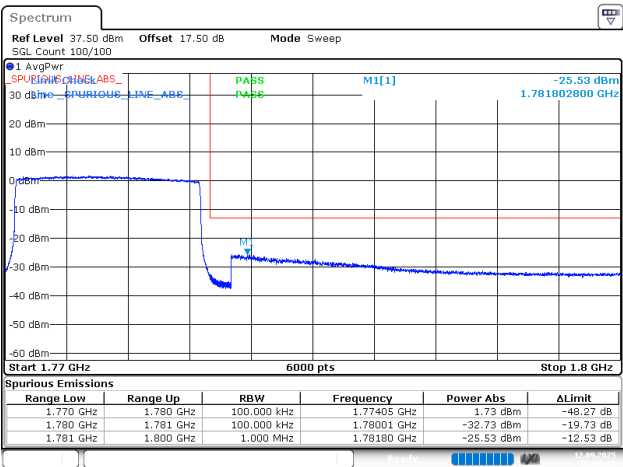
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Date: 12.SEP.2025 22:46:51

10MHz_High_16QAM_1@49



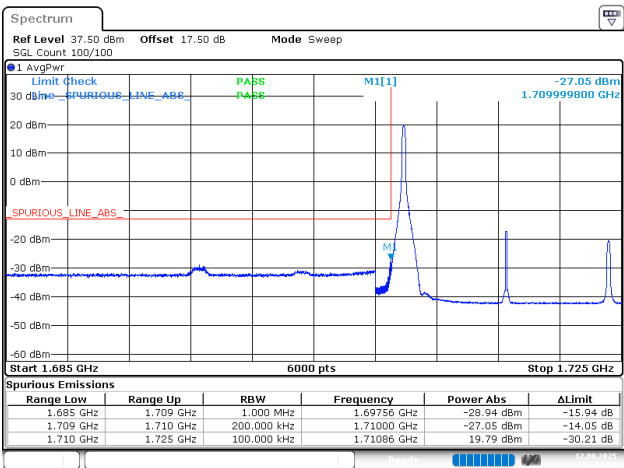
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Date: 12.SEP.2025 22:47:33

10MHz_High_16QAM_50@0



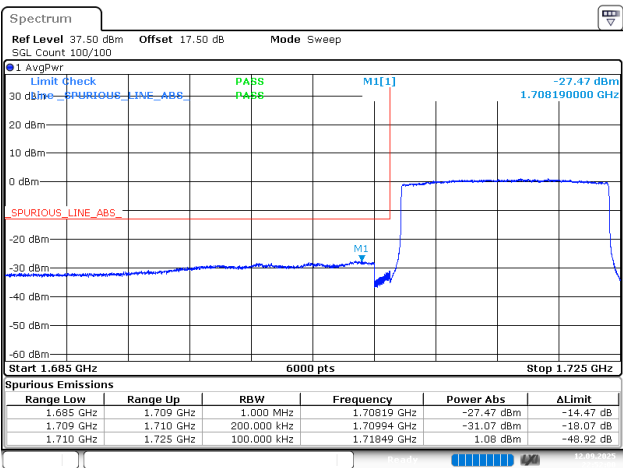
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:48:15

15MHz_Low_QPSK_1@0



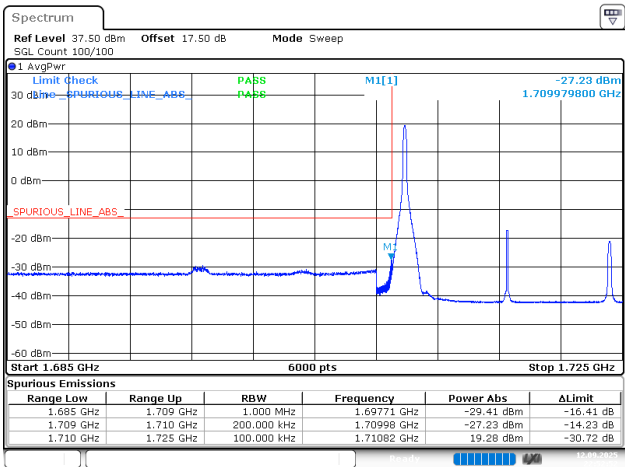
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Date: 12.SEP.2025 22:51:10

15MHz_Low_QPSK_75@0



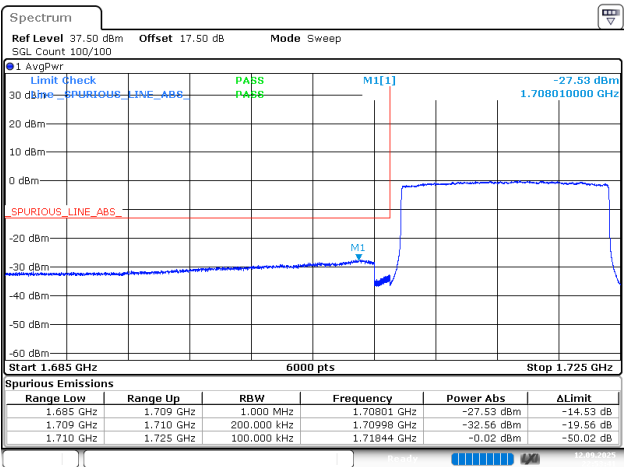
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Date: 12.SEP.2025 22:52:01

15MHz_Low_16QAM_1@0



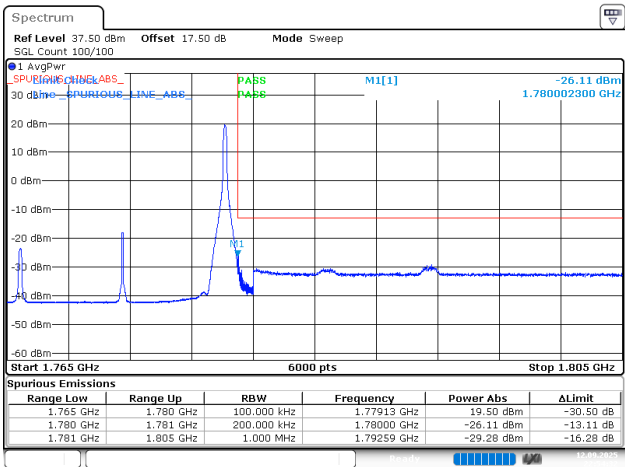
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15MHz_Low_16QAM_75@0



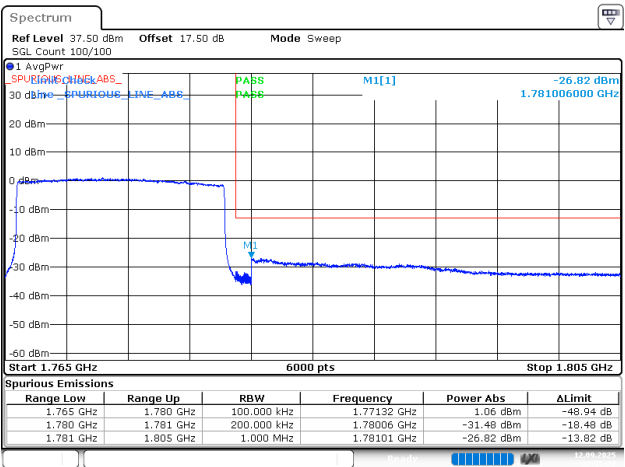
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:53:42

15MHz_High_QPSK_1@74



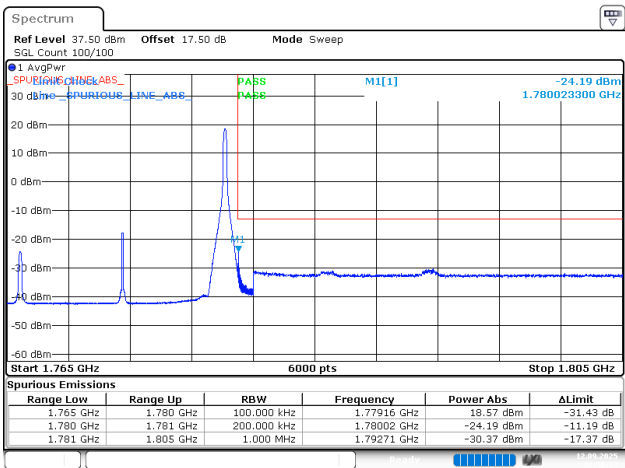
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Date: 12.SEP.2025 22:54:33

15MHz_High_QPSK_75@0



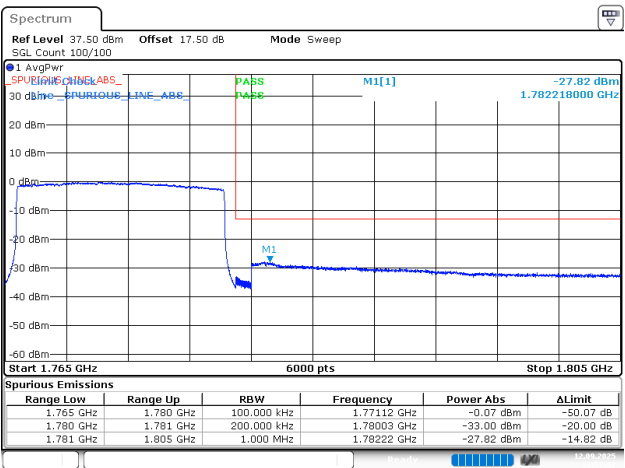
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Date: 12.SEP.2025 22:55:23

15MHz_High_16QAM_1@74



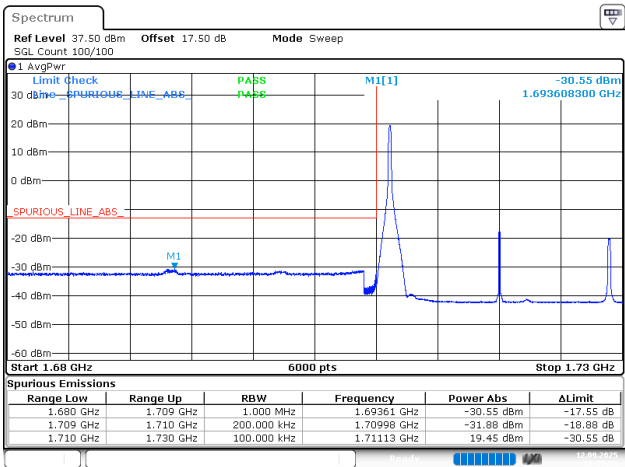
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Date: 12.SEP.2025 22:56:13

15MHz_High_16QAM_75@0



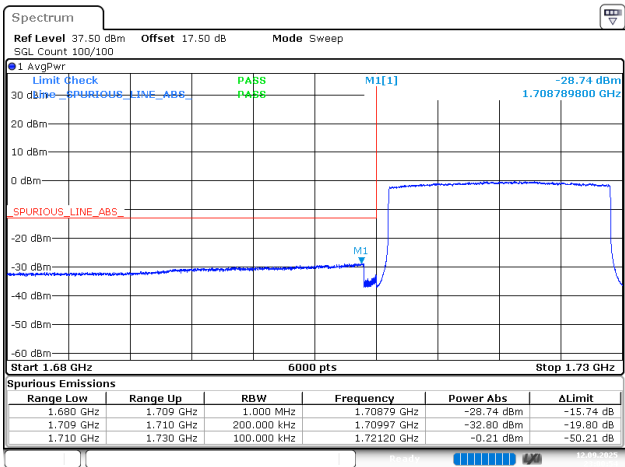
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:57:02

20MHz_Low_QPSK_1@0



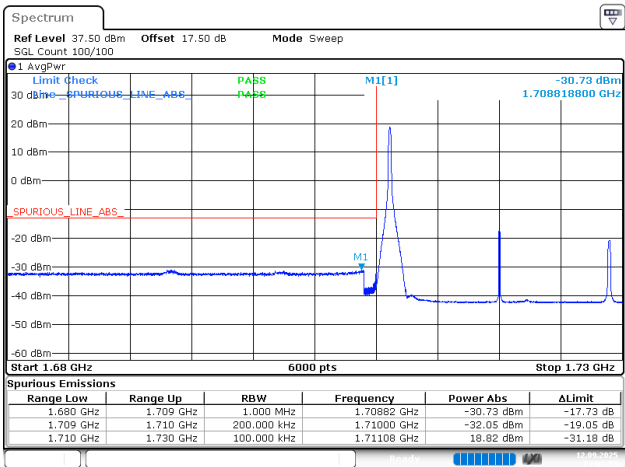
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 22:59:53

20MHz_Low_QPSK_100@0



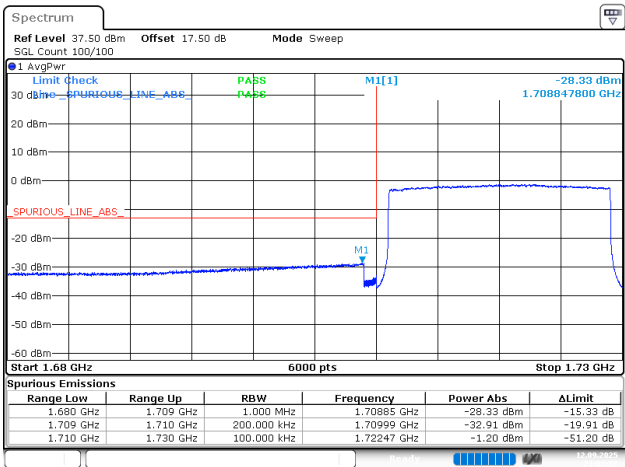
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20MHz_Low_16QAM_1@0



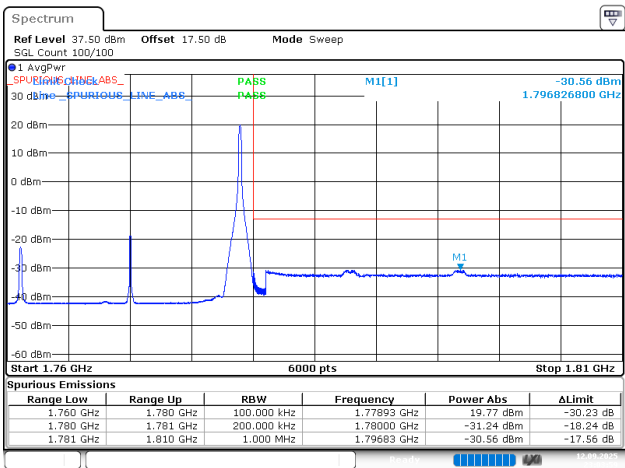
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Date: 12.SEP.2025 23:01:56

20MHz_Low_16QAM_100@0



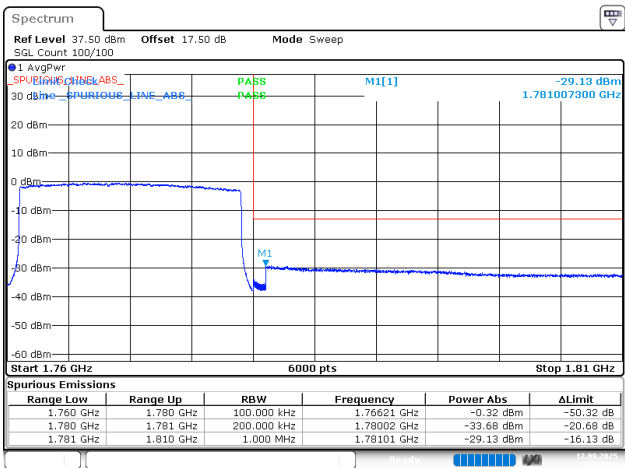
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:02:57

20MHz_High_QPSK_1@99



ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:04:00

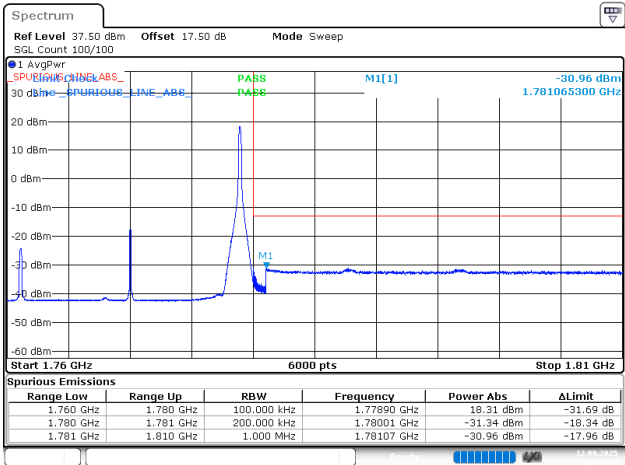
20MHz_High_QPSK_100@0



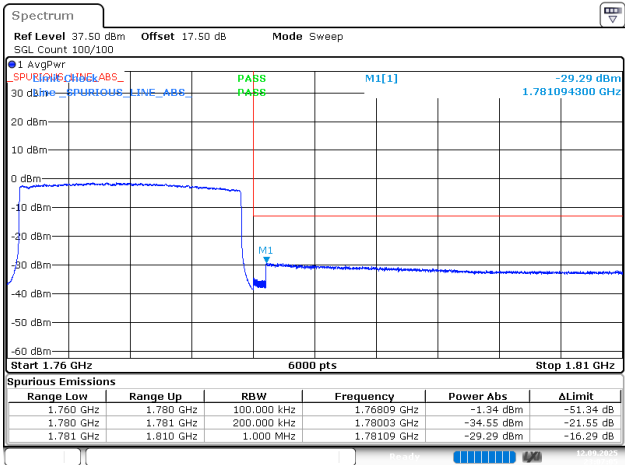
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:05:02

20MHz_High_16QAM_1@99

20MHz_High_16QAM_100@0



ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:06:04



ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:07:06

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	2.993	5.001	59.85	2.23
5MHz_Middle_16QAM_25@0	2.993	5.001	59.85	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	2.995	5.001	59.88	2.23

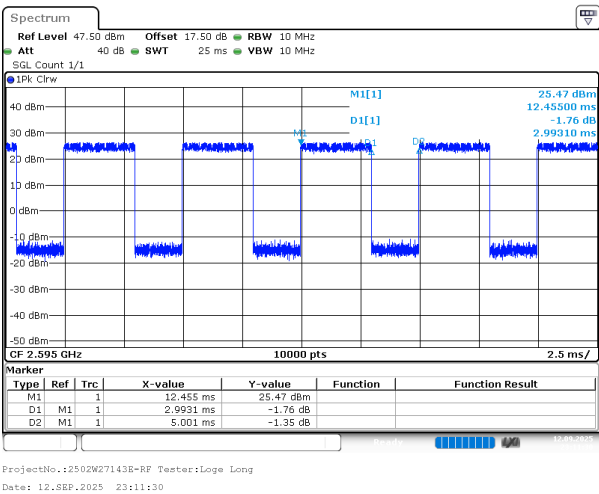
LTE Band 41, Normal

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	2.993	5.001	59.85	2.23
10MHz_Middle_QPSK_50@0	2.996	5.004	59.87	2.23
10MHz_Middle_16QAM_50@0	2.993	5.001	59.85	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

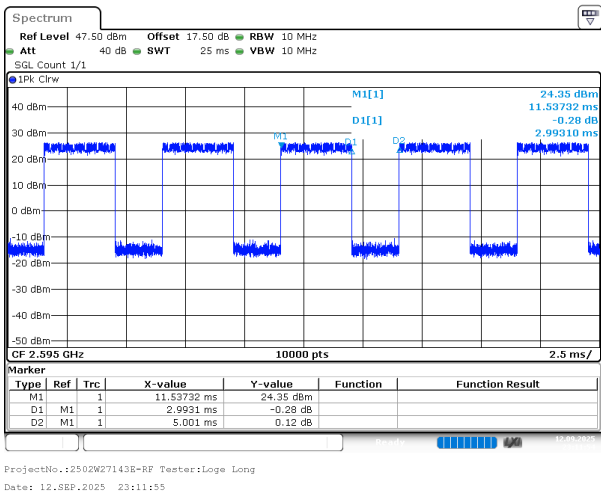
Duty Cycle = Ton/(Ton+Toff)*100%

LTE Band 38, Normal

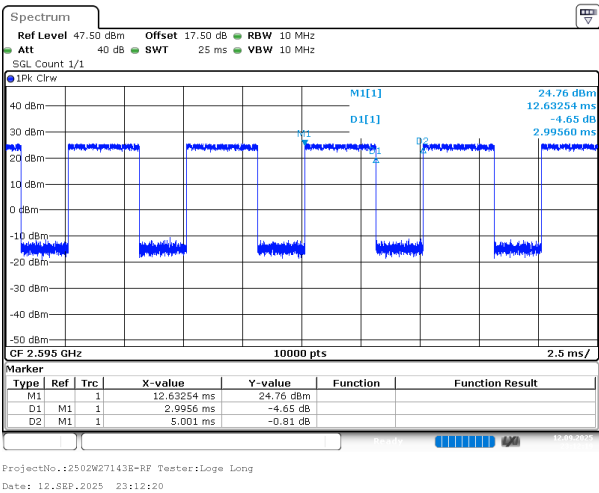
5MHz_Middle_QPSK_25@0



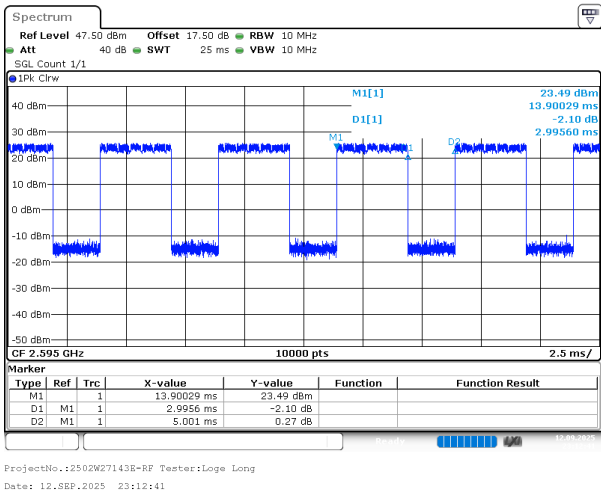
5MHz_Middle_16QAM_25@0



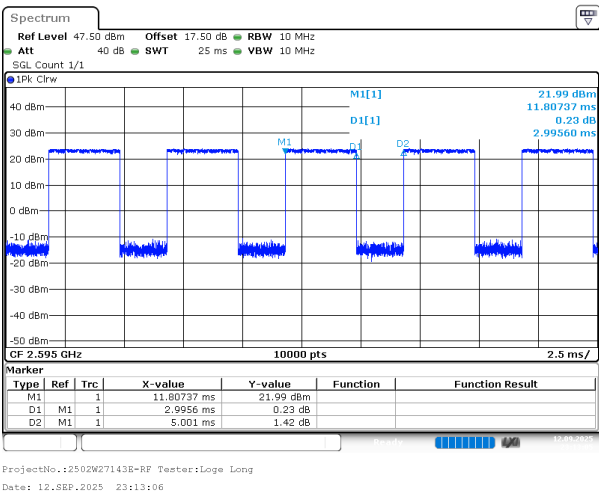
10MHz_Middle_QPSK_50@0



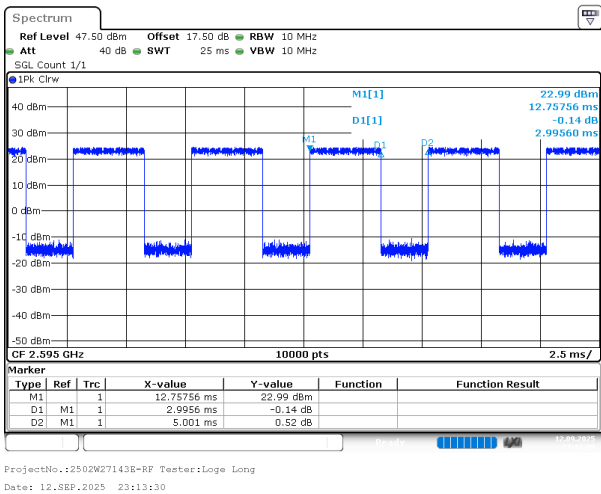
10MHz_Middle_16QAM_50@0



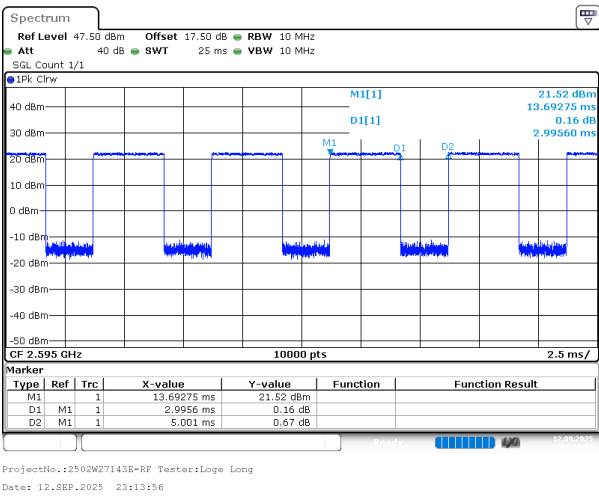
15MHz_Middle_QPSK_75@0



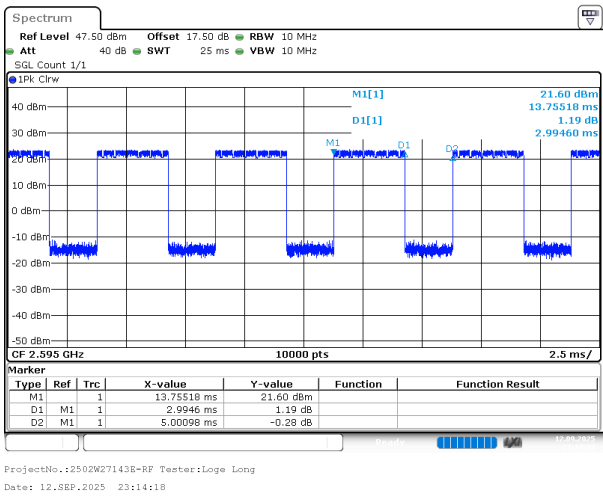
15MHz_Middle_16QAM_75@0



20MHz_Middle_QPSK_100@0

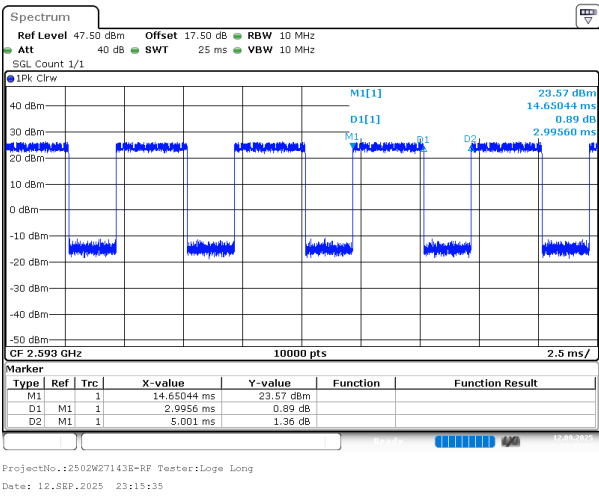


20MHz_Middle_16QAM_100@0

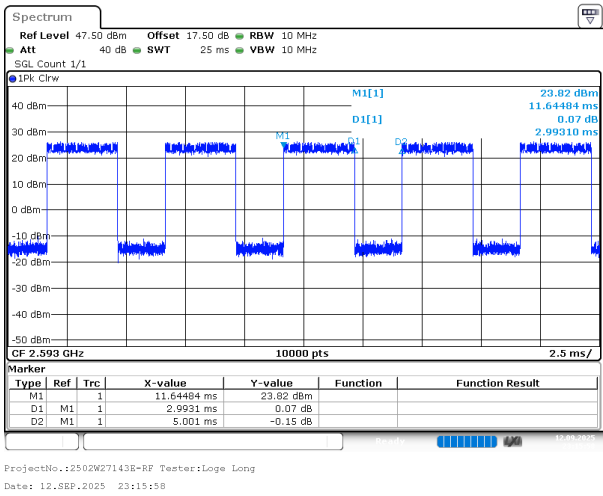


LTE Band 41, Normal

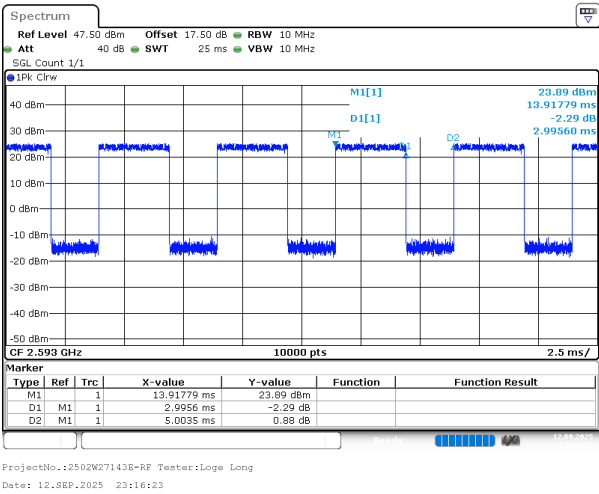
5MHz_Middle_QPSK_25@0



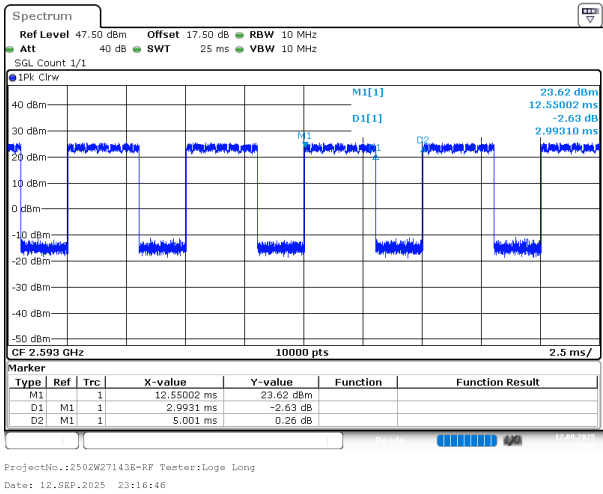
5MHz_Middle_16QAM_25@0



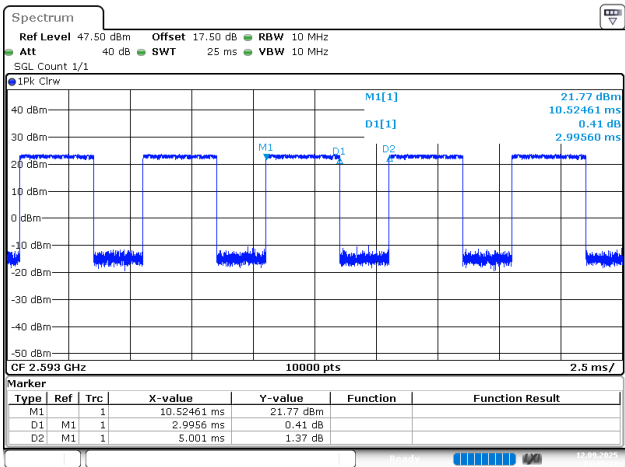
10MHz_Middle_QPSK_50@0



10MHz_Middle_16QAM_50@0

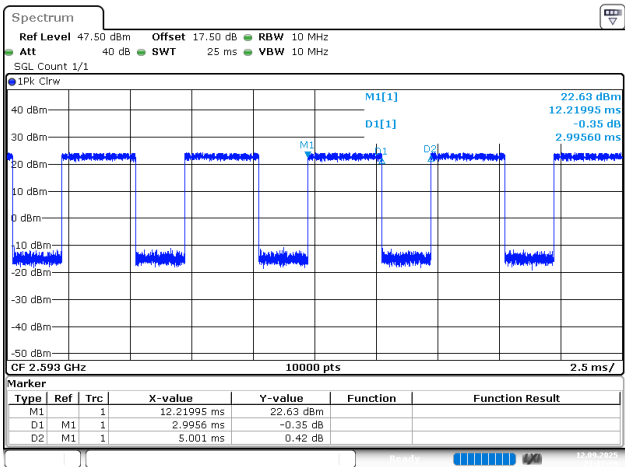


15MHz_Middle_QPSK_75@0



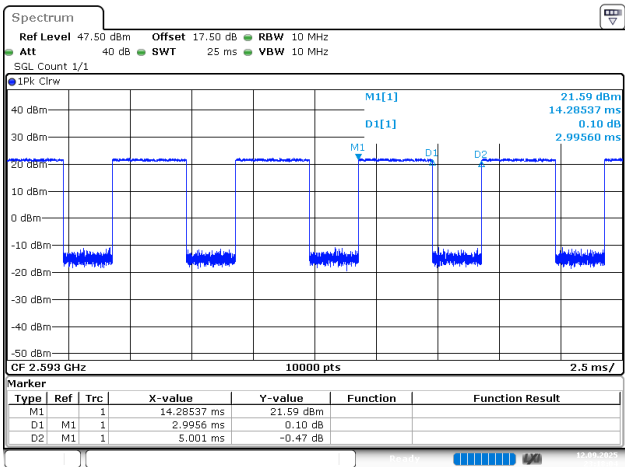
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:17:11

15MHz_Middle_16QAM_75@0



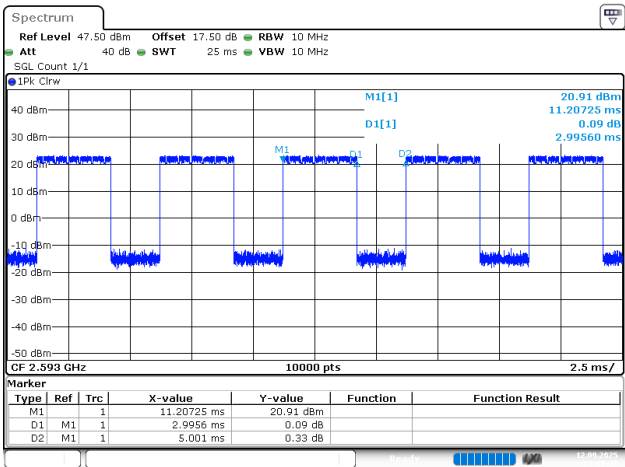
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:17:39

20MHz_Middle_QPSK_100@0



ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:18:04

20MHz_Middle_16QAM_100@0



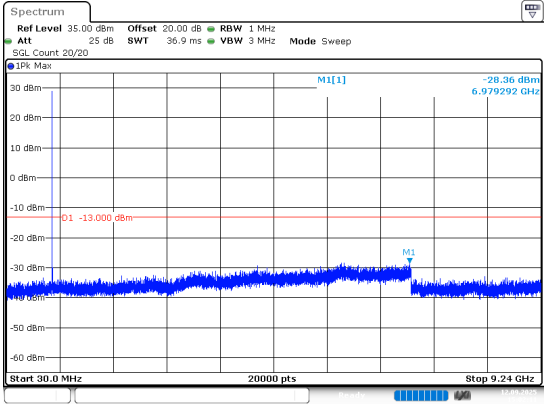
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 23:18:28

Spurious Emissions at Antenna Terminal

FCC For 90S

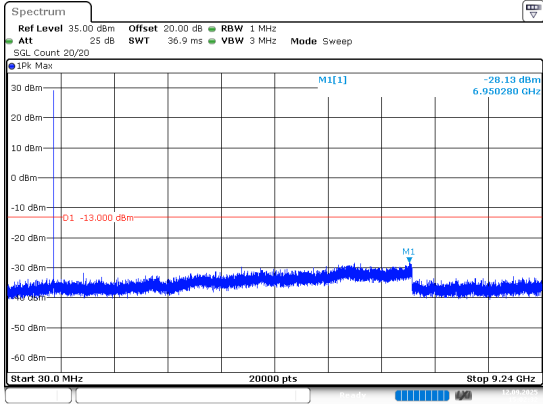
LTE B26_1, Normal
1RB was the worst case

1.4MHz_Low_QPSK_1@0(30MHz~9.24GHz)



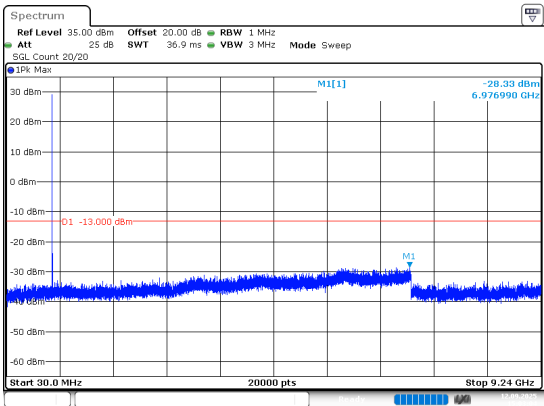
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 15:02:11

1.4MHz_High_QPSK_1@0(30MHz~9.24GHz)



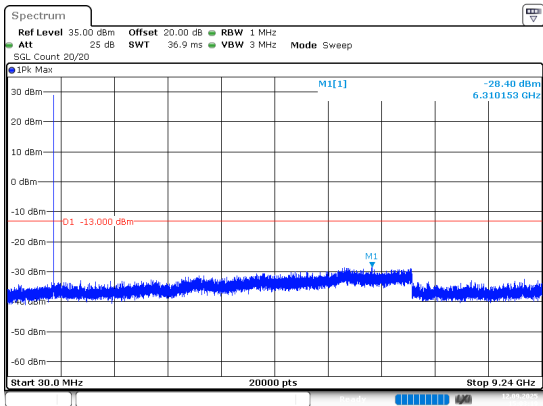
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 15:02:33

3MHz_Low_QPSK_1@0(30MHz~9.24GHz)



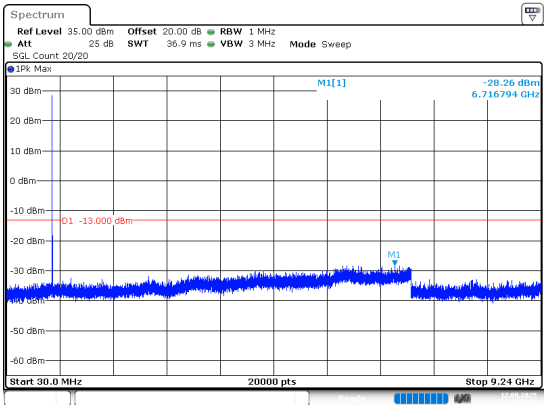
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 15:03:04

3MHz_High_QPSK_1@0(30MHz~9.24GHz)



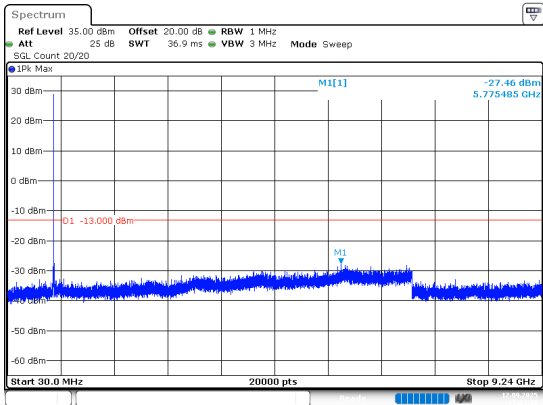
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 15:03:20

5MHz_Low_QPSK_1@0(30MHz~9.24GHz)



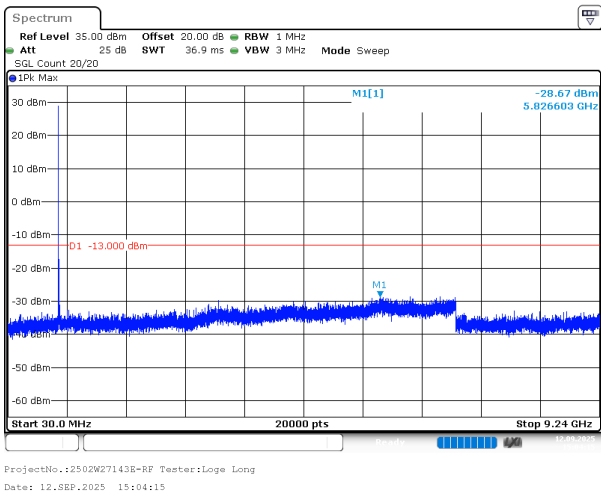
ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 15:03:39

5MHz_High_QPSK_1@0(30MHz~9.24GHz)

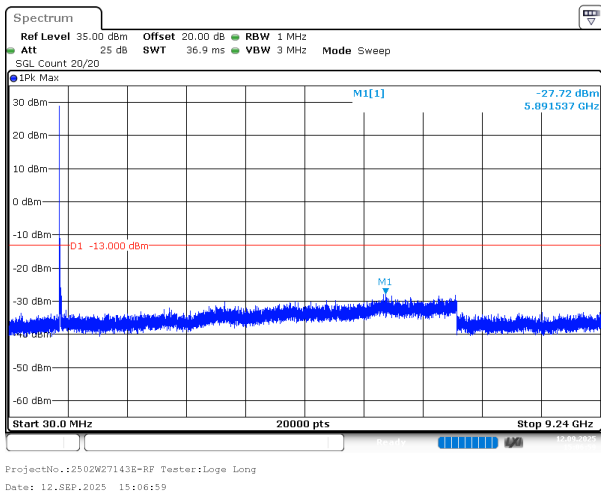


ProjectNo.:2502W27143E-RF Tester:Loge Long
Date: 12.SEP.2025 15:03:56

10MHz_Low_QPSK_1@0(30MHz~9.24GHz)

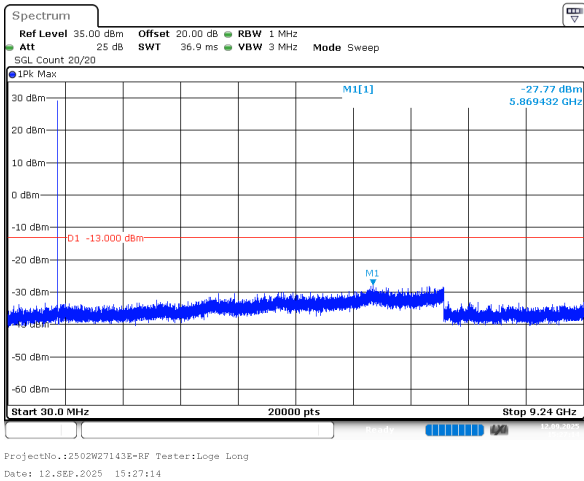


15MHz_Low_QPSK_1@0(30MHz~9.24GHz)

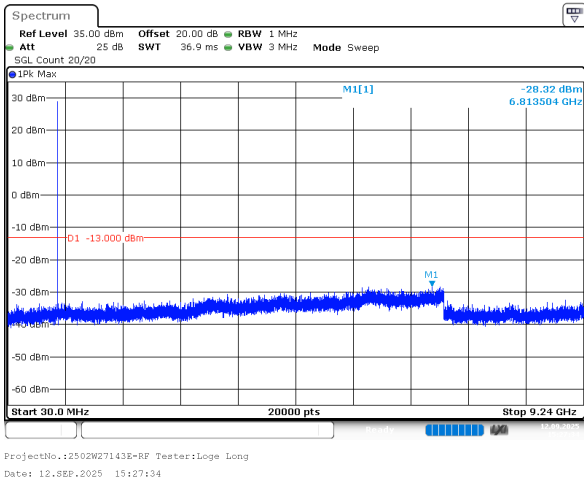


LTE B26_3, Normal
1RB was the worst case

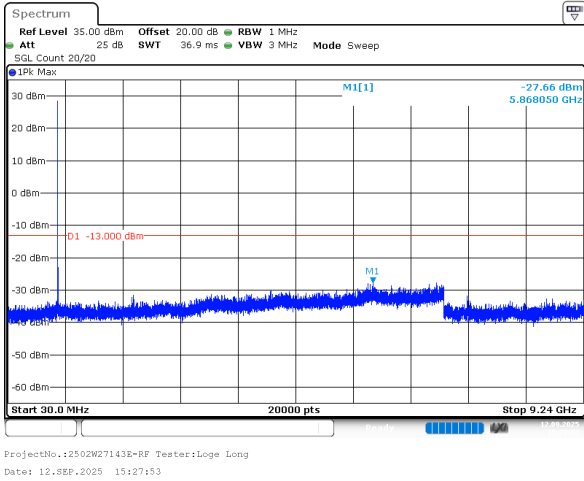
1.4MHz_Middle_QPSK_1@0(30MHz~9.24GHz)



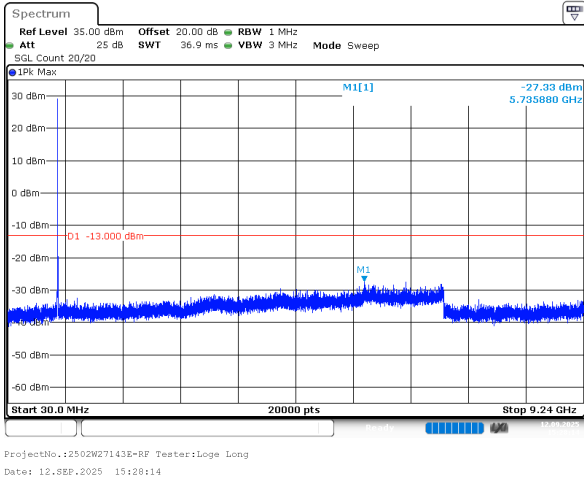
3MHz_Middle_QPSK_1@0(30MHz~9.24GHz)



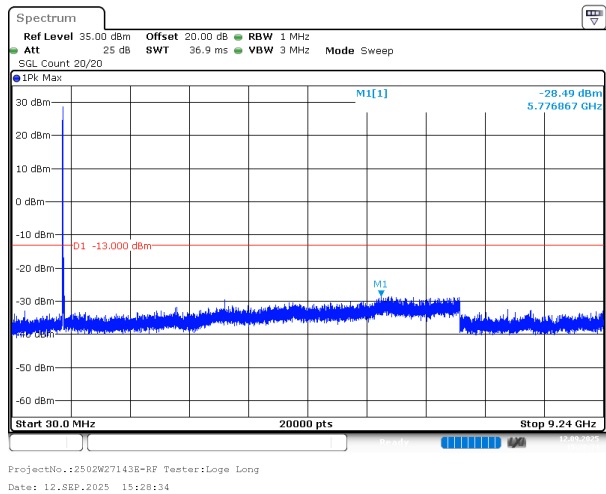
5MHz_Middle_QPSK_1@0(30MHz~9.24GHz)



10MHz_Middle_QPSK_1@0(30MHz~9.24GHz)



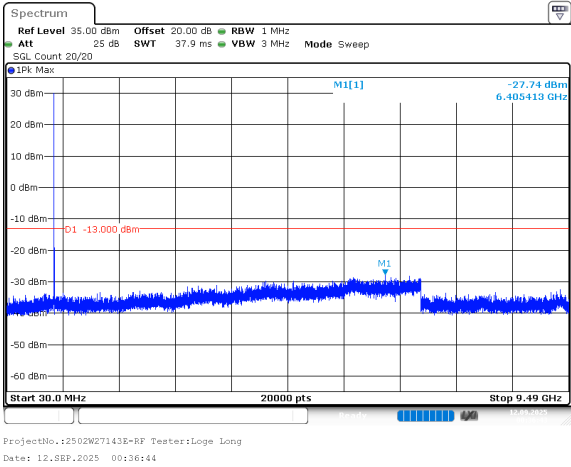
15MHz_Middle_QPSK_1@0(30MHz~9.24GHz)



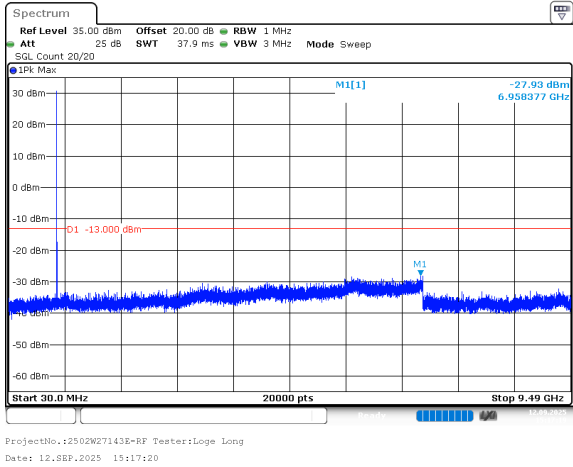
FCC Part 22H

LTE Band 5, Normal
1RB was the worst case

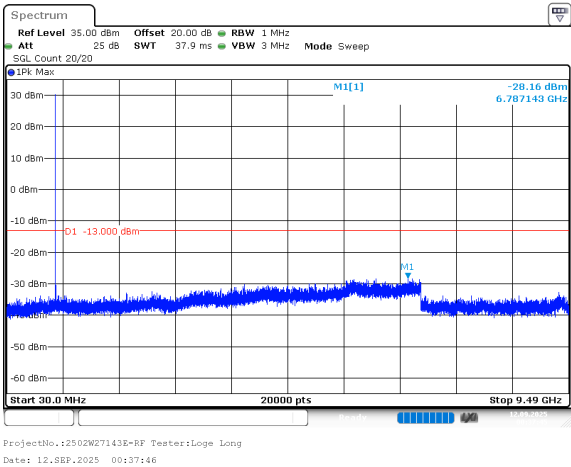
1.4MHz_Low_QPSK_1@0(30MHz~9.49GHz)



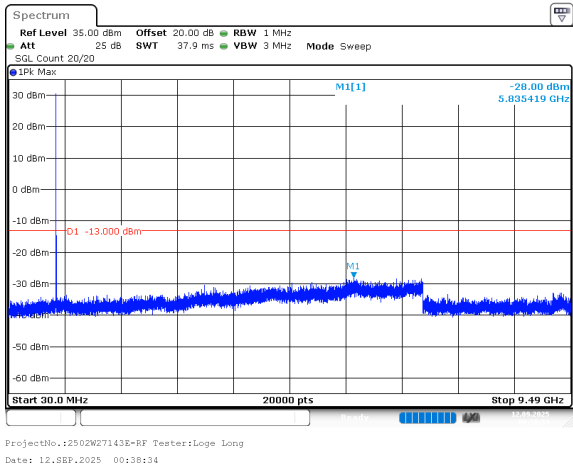
1.4MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



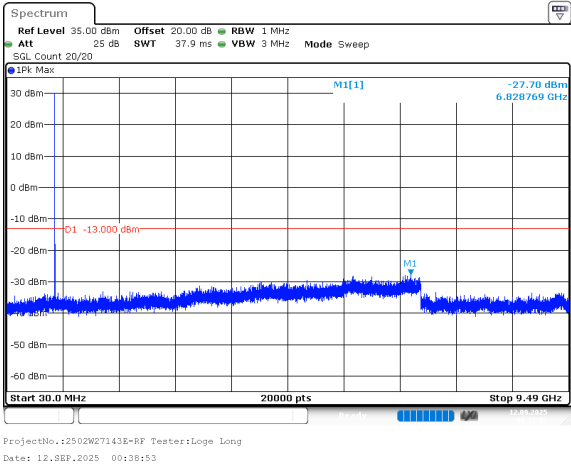
1.4MHz_High_QPSK_1@0(30MHz~9.49GHz)



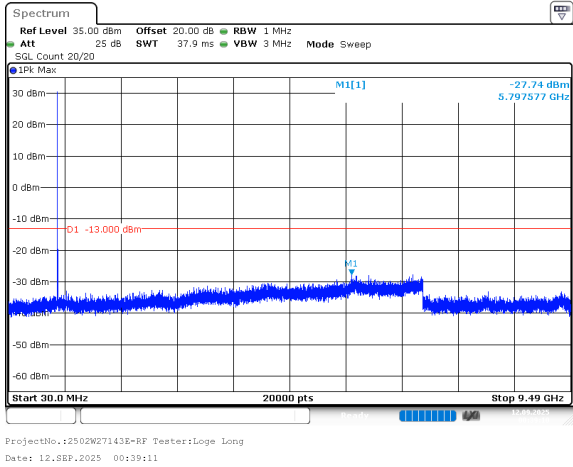
3MHz_Low_QPSK_1@0(30MHz~9.49GHz)



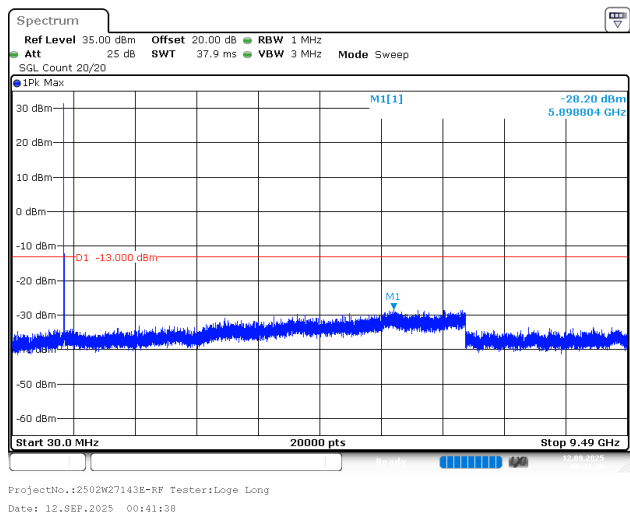
3MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



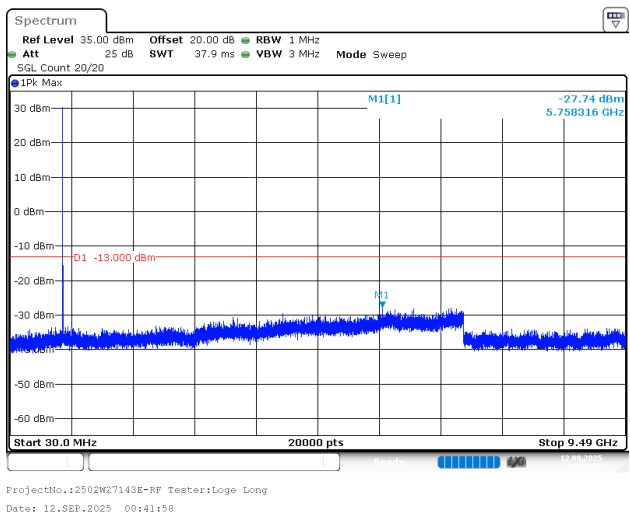
3MHz_High_QPSK_1@0(30MHz~9.49GHz)



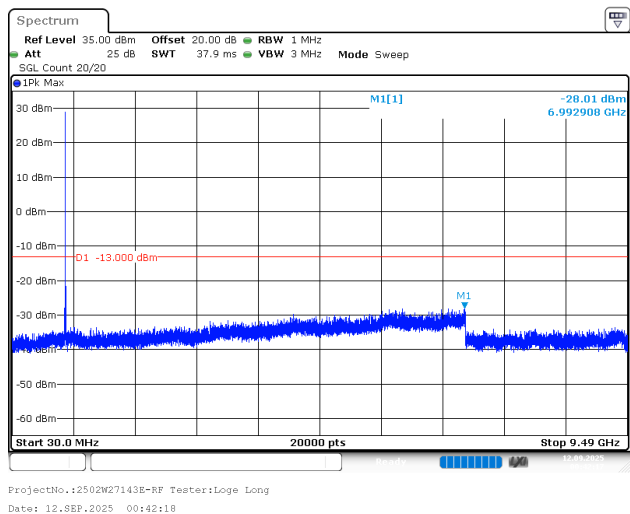
5MHz_Low_QPSK_1@0(30MHz~9.49GHz)



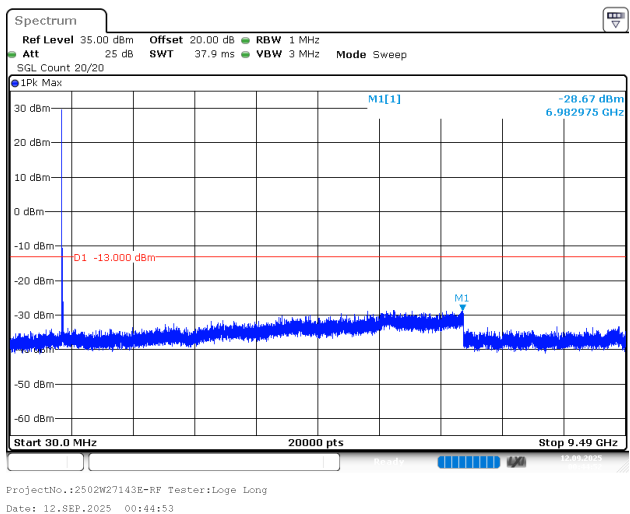
5MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



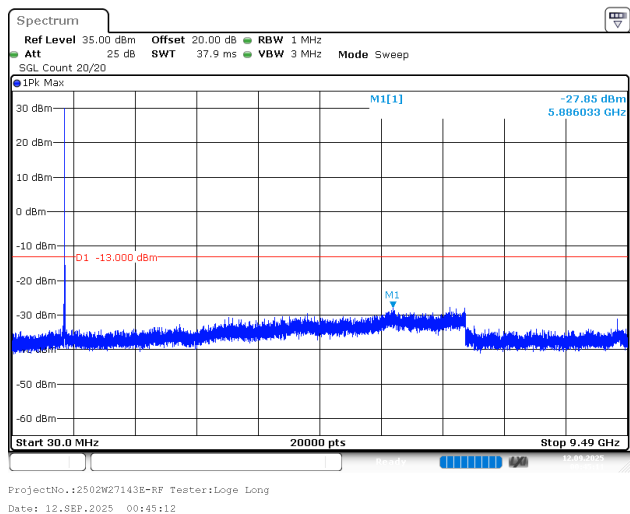
5MHz_High_QPSK_1@0(30MHz~9.49GHz)



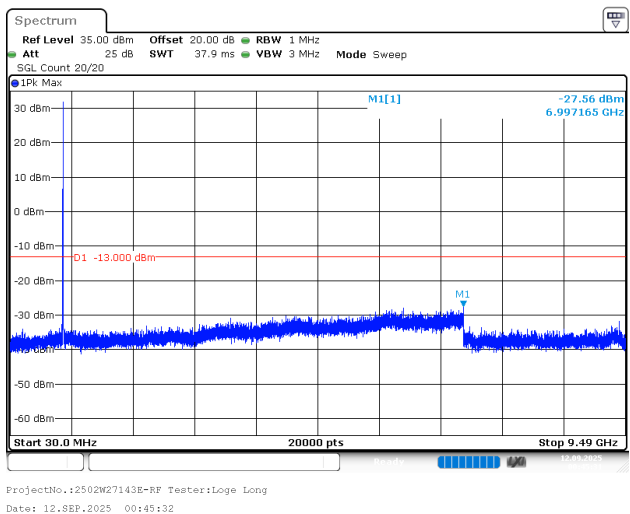
10MHz_Low_QPSK_1@0(30MHz~9.49GHz)



10MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



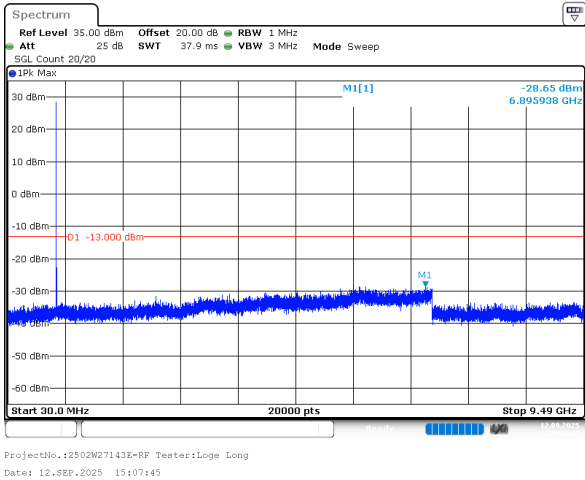
10MHz_High_QPSK_1@0(30MHz~9.49GHz)



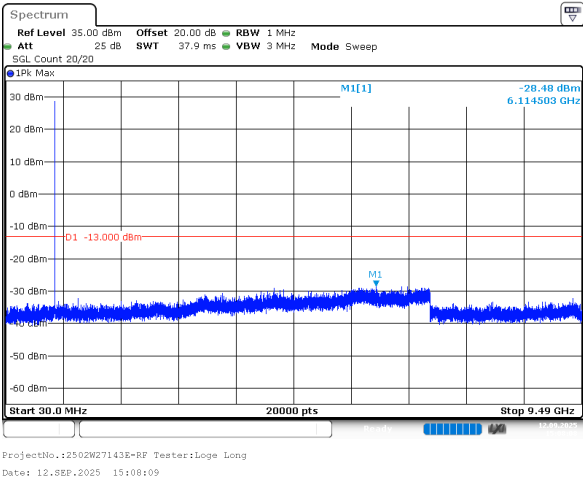
LTE B26_2, Normal

1RB was the worst case

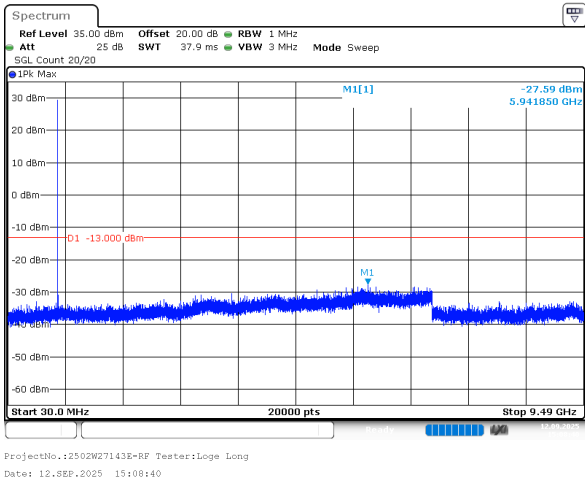
1.4MHz_Low_QPSK_1@0(30MHz~9.49GHz)



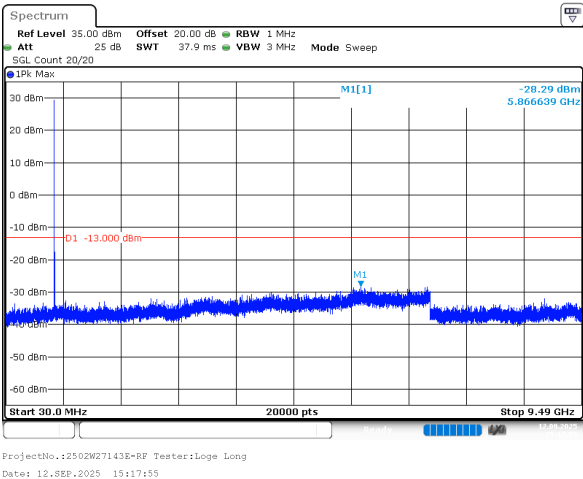
1.4MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



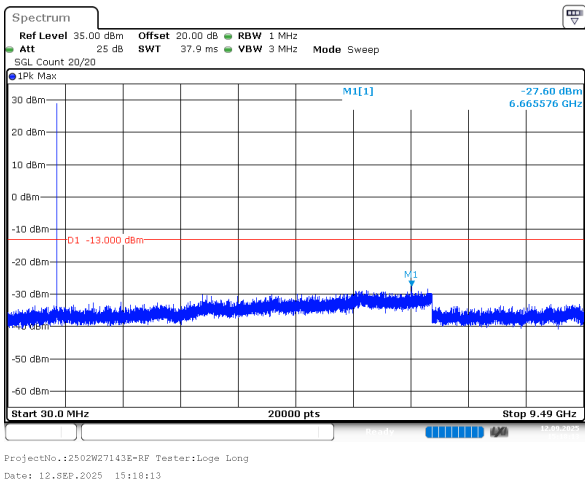
1.4MHz_High_QPSK_1@0(30MHz~9.49GHz)



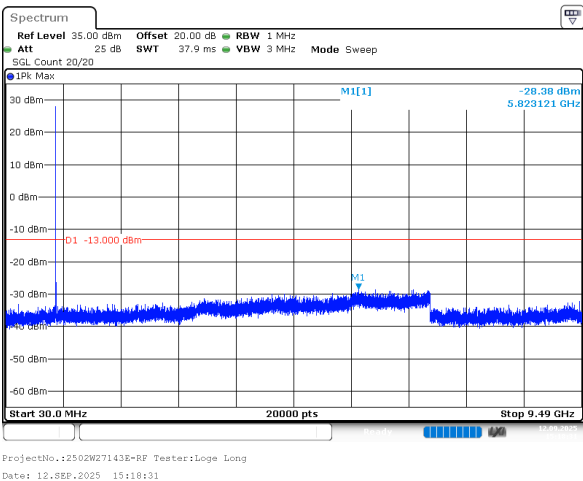
3MHz_Low_QPSK_1@0(30MHz~9.49GHz)



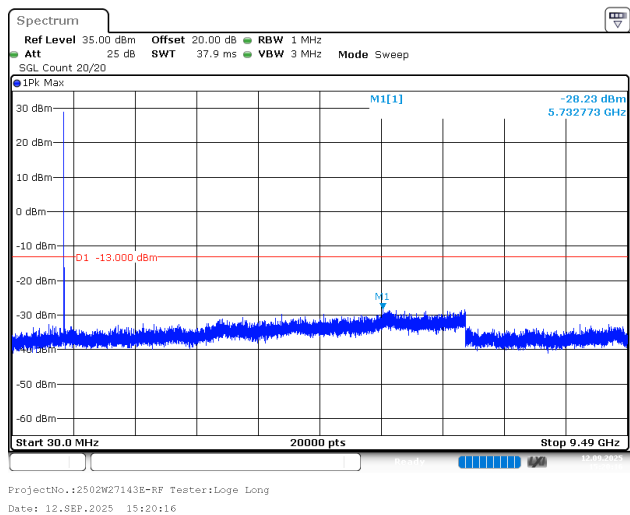
3MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



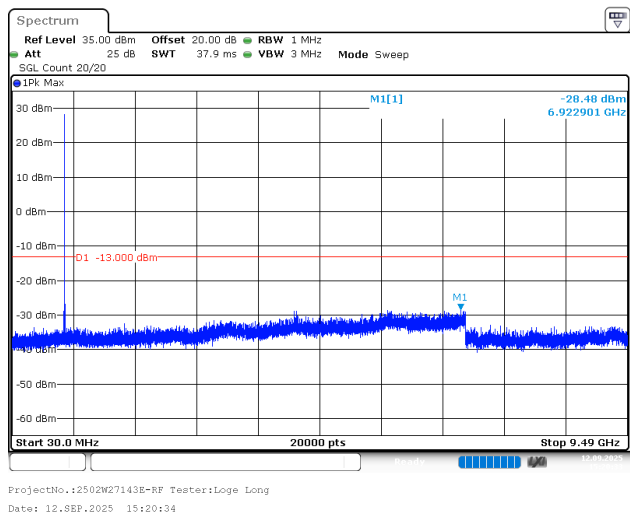
3MHz_High_QPSK_1@0(30MHz~9.49GHz)



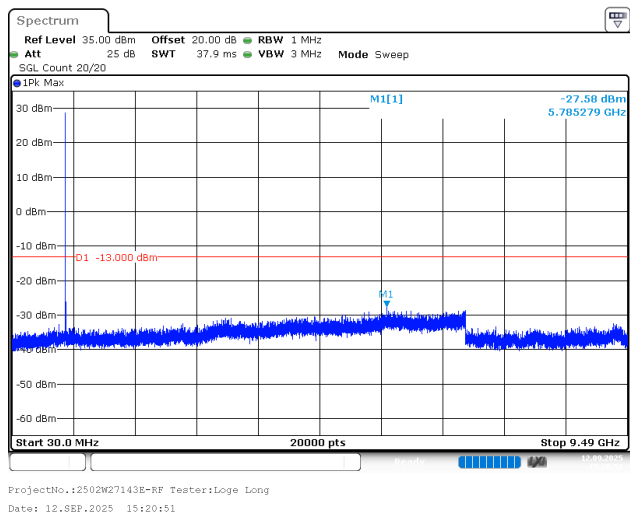
5MHz_Low_QPSK_1@0(30MHz~9.49GHz)



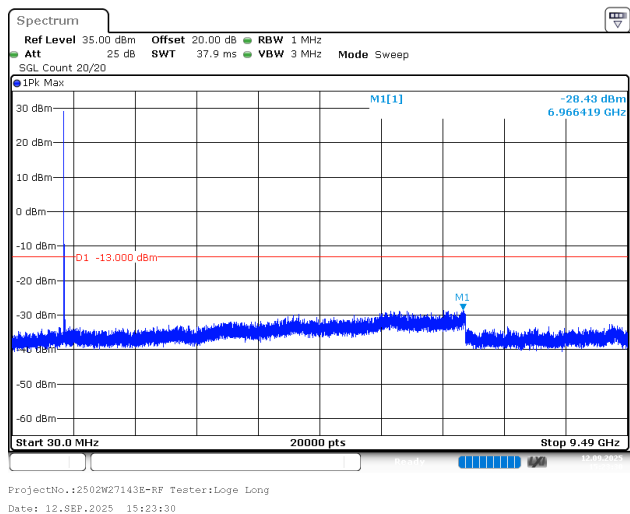
5MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



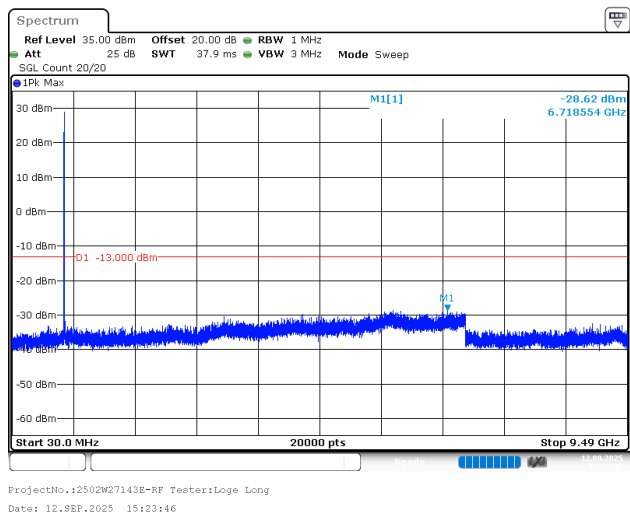
5MHz_High_QPSK_1@0(30MHz~9.49GHz)



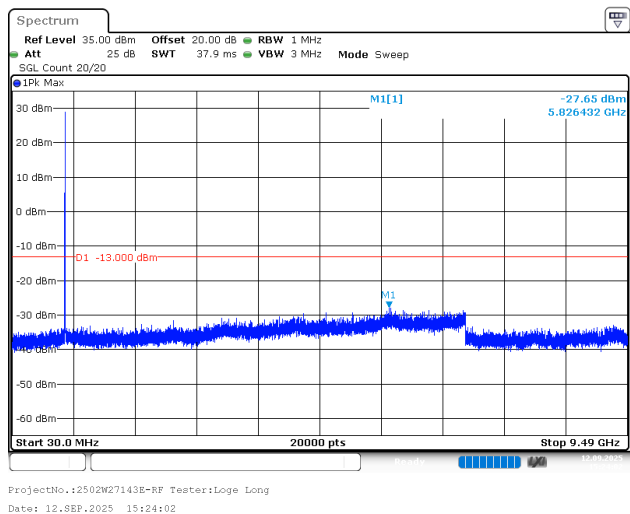
10MHz_Low_QPSK_1@0(30MHz~9.49GHz)



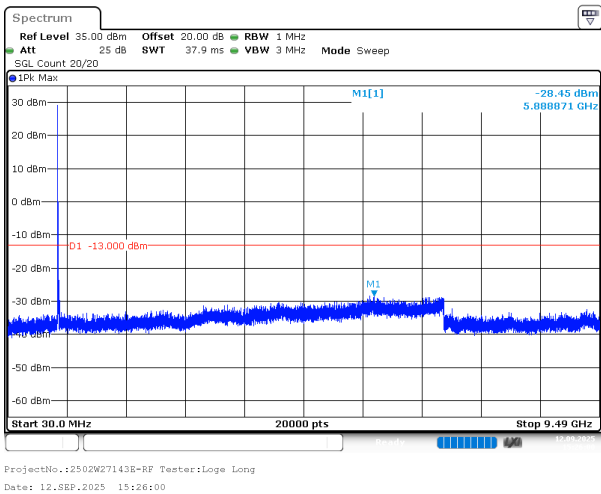
10MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



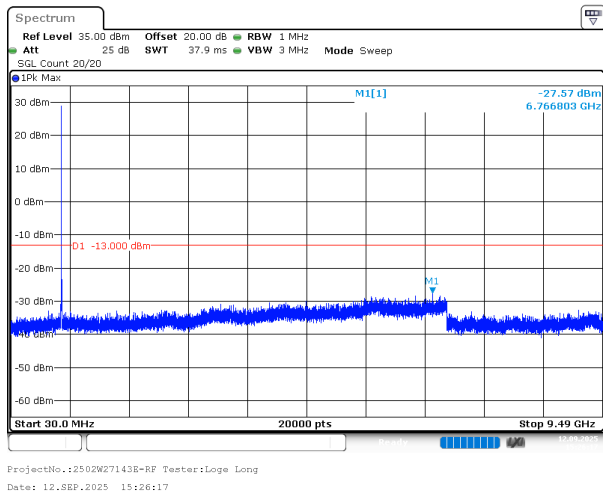
10MHz_High_QPSK_1@0(30MHz~9.49GHz)



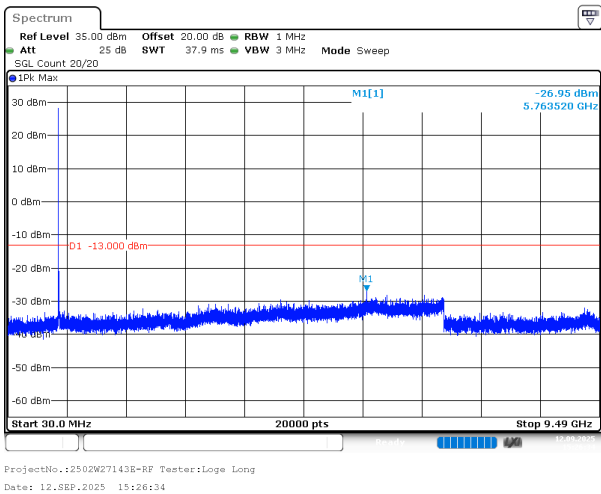
15MHz_Low_QPSK_1@0(30MHz~9.49GHz)



15MHz_Middle_QPSK_1@0(30MHz~9.49GHz)



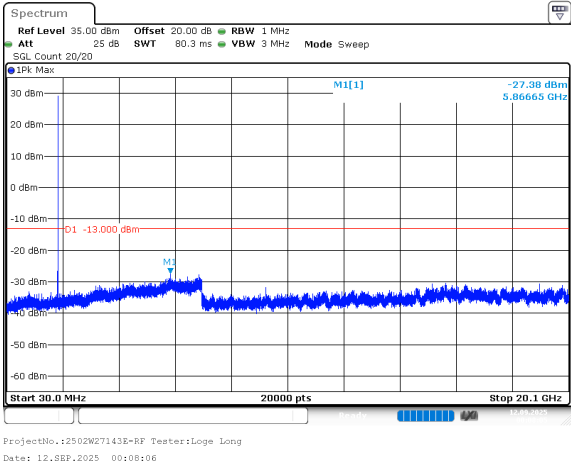
15MHz_High_QPSK_1@0(30MHz~9.49GHz)



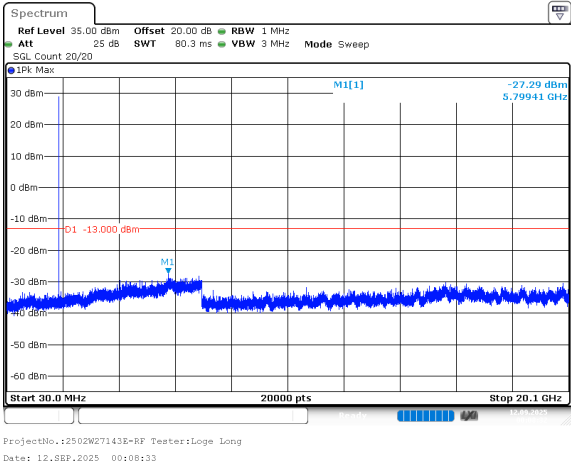
FCC Part 24E

LTE Band 2, Normal
1RB was the worst case

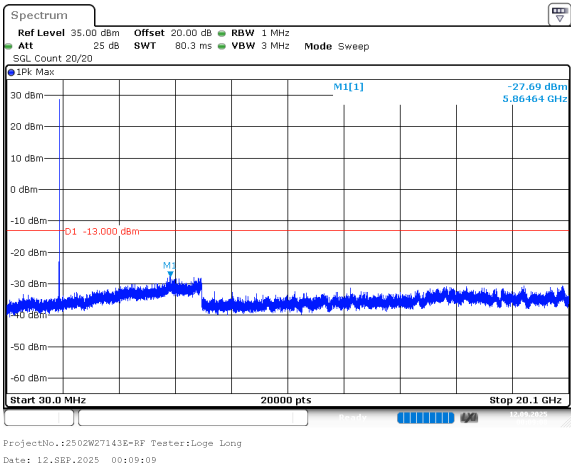
1.4MHz_Low_QPSK_1@0(30MHz~20.1GHz)



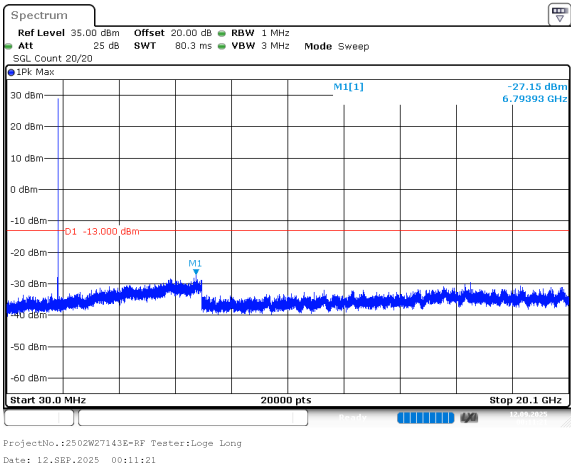
1.4MHz_Middle_QPSK_1@0(30MHz~20.1GHz)



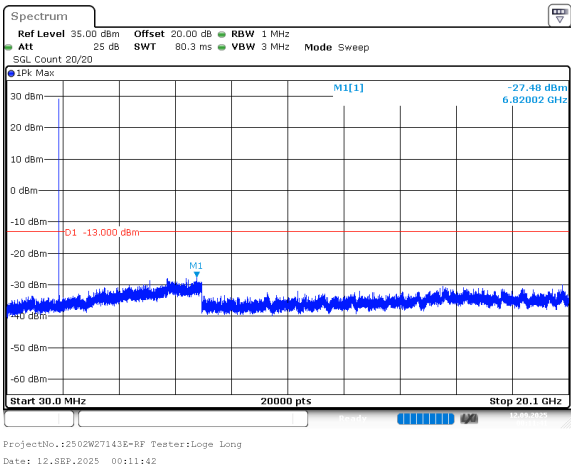
1.4MHz_High_QPSK_1@0(30MHz~20.1GHz)



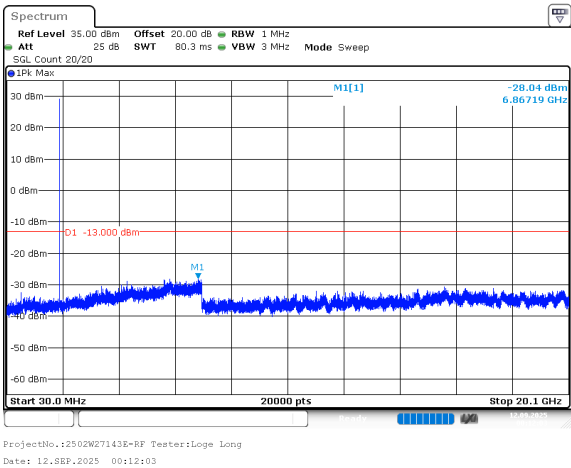
3MHz_Low_QPSK_1@0(30MHz~20.1GHz)



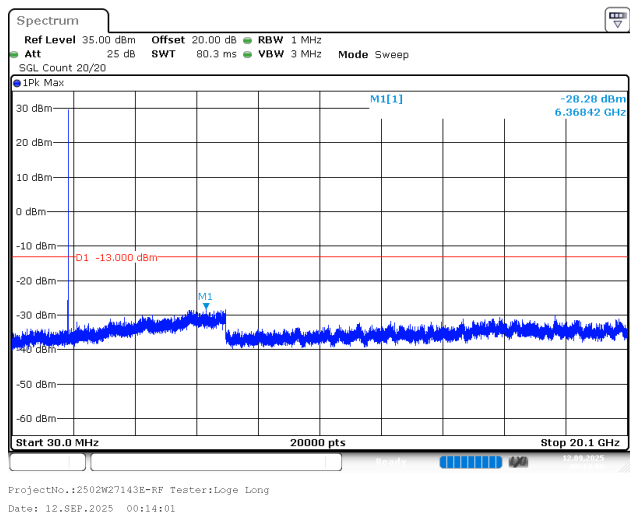
3MHz_Middle_QPSK_1@0(30MHz~20.1GHz)



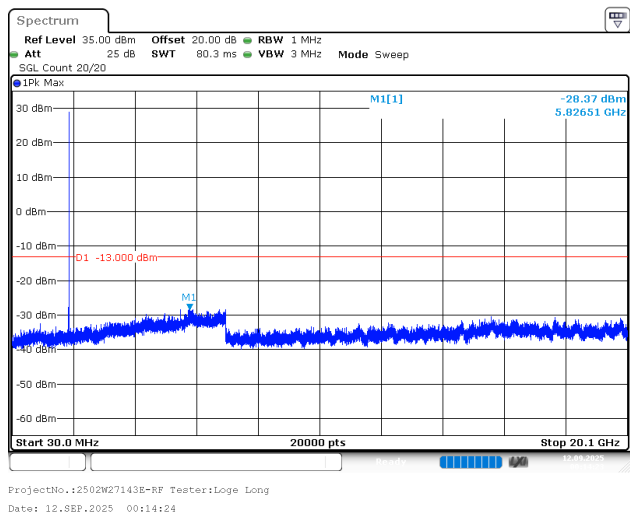
3MHz_High_QPSK_1@0(30MHz~20.1GHz)



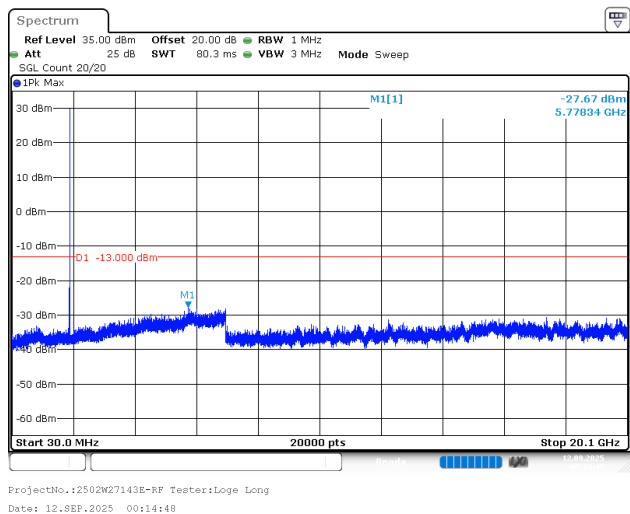
5MHz_Low_QPSK_1@0(30MHz~20.1GHz)



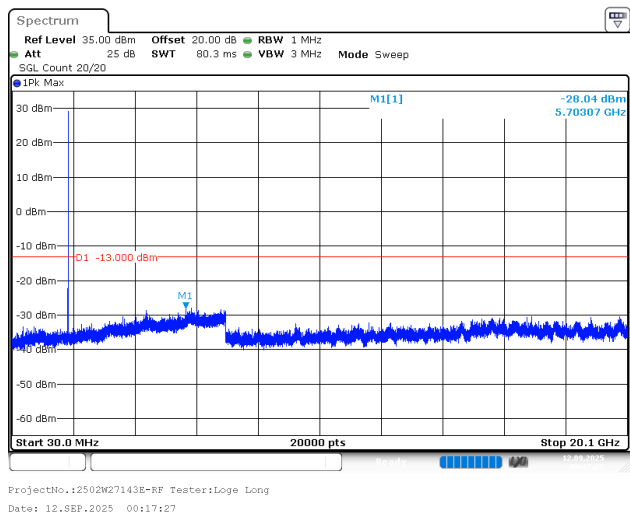
5MHz_Middle_QPSK_1@0(30MHz~20.1GHz)



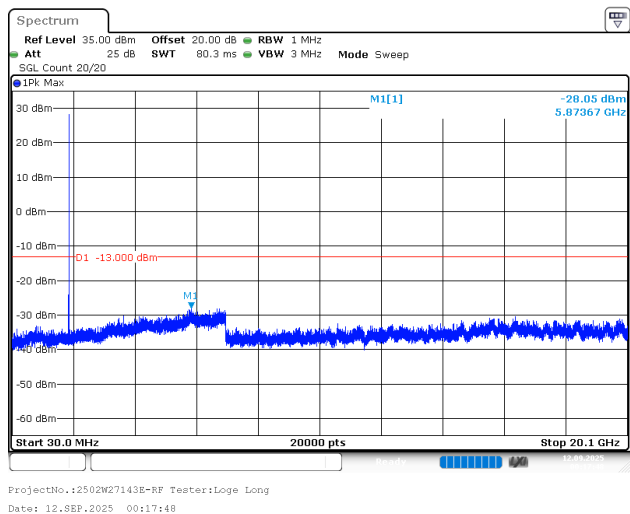
5MHz_High_QPSK_1@0(30MHz~20.1GHz)



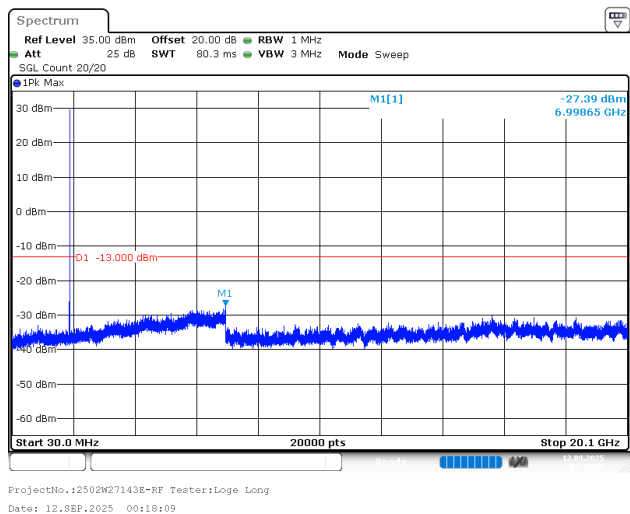
10MHz_Low_QPSK_1@0(30MHz~20.1GHz)



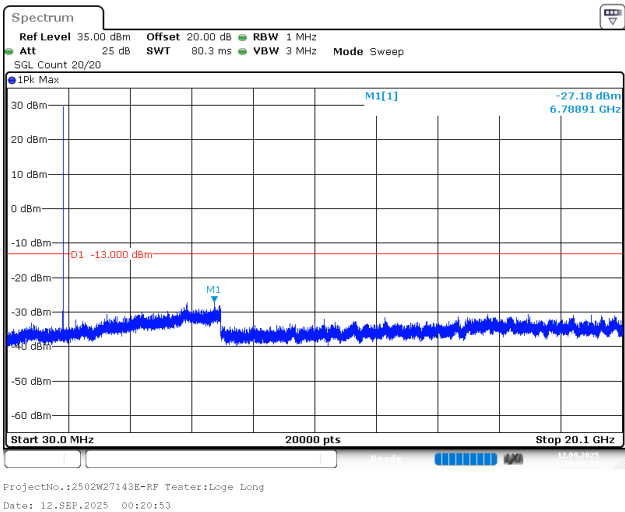
10MHz_Middle_QPSK_1@0(30MHz~20.1GHz)



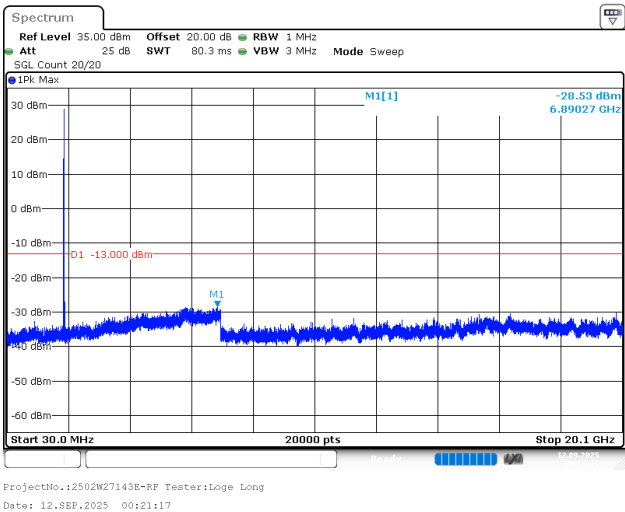
10MHz_High_QPSK_1@0(30MHz~20.1GHz)



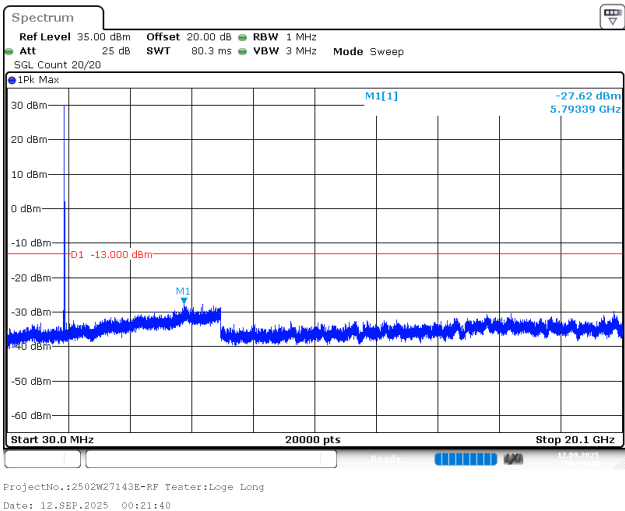
15MHz_Low_QPSK_1@0(30MHz~20.1GHz)



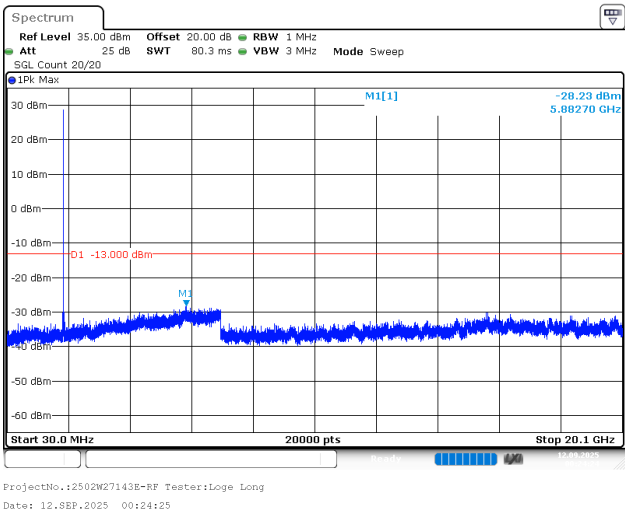
15MHz_Middle_QPSK_1@0(30MHz~20.1GHz)



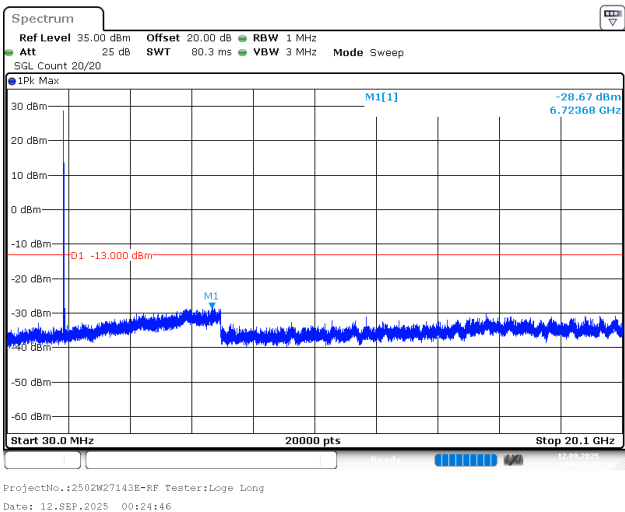
15MHz_High_QPSK_1@0(30MHz~20.1GHz)



20MHz_Low_QPSK_1@0(30MHz~20.1GHz)



20MHz_Middle_QPSK_1@0(30MHz~20.1GHz)



20MHz_High_QPSK_1@0(30MHz~20.1GHz)

