

Appendix W-4G Duty Cycle

Test Information:

Sample No.:	34GQ-2	Test Date:	2025/08/20
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.7	Relative Humidity: (%)	56	ATM Pressure: (kPa)	100.2
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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

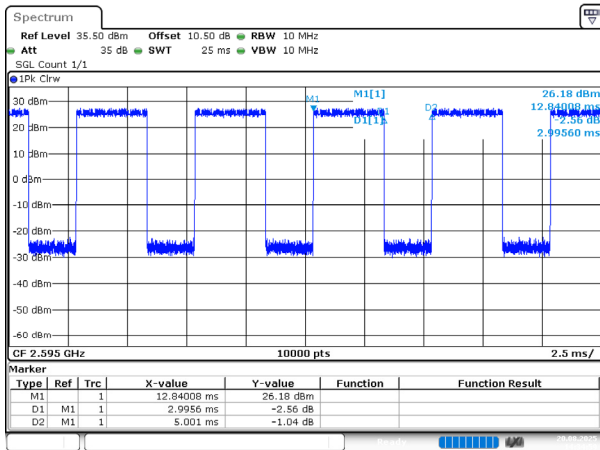
LTE Band 41, Normal

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%

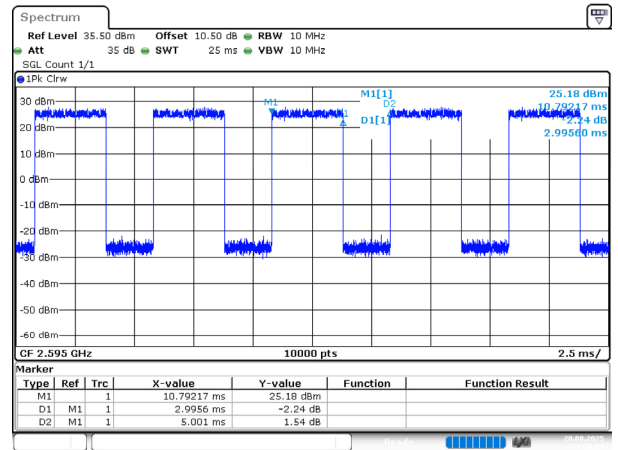
LTE Band 38, Normal

5MHz_Middle_QPSK_25@0



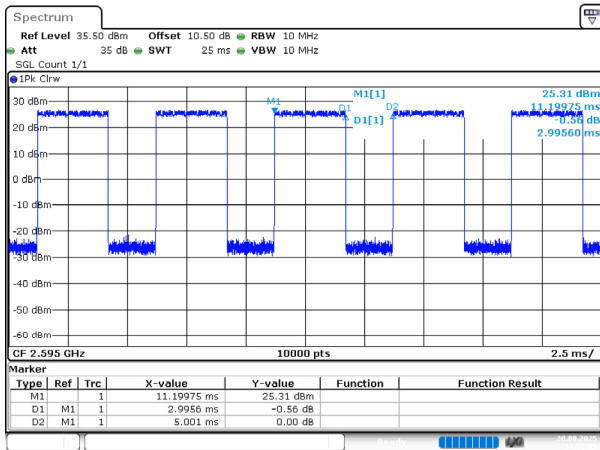
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 14:34:59

5MHz_Middle_16QAM_25@0



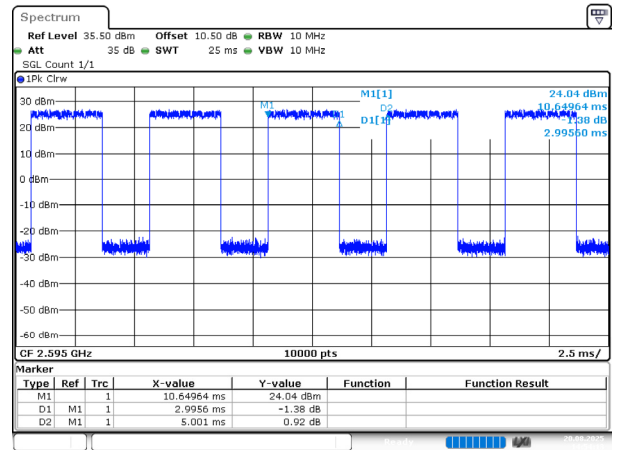
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 14:36:58

10MHz_Middle_QPSK_50@0



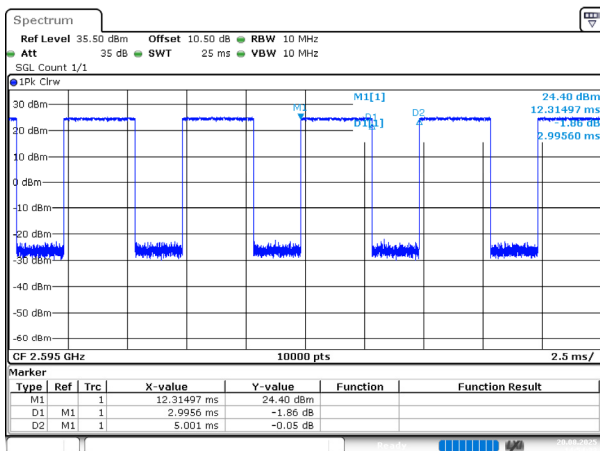
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 14:52:25

10MHz_Middle_16QAM_50@0



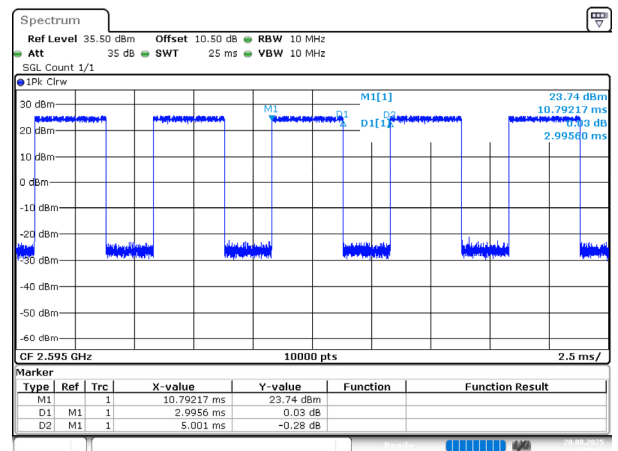
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 14:54:13

15MHz_Middle_QPSK_75@0



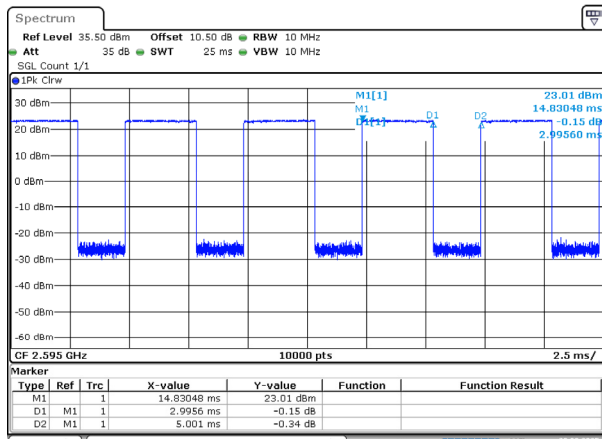
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Date: 20.AUG.2025 14:54:33

15MHz_Middle_16QAM_75@0



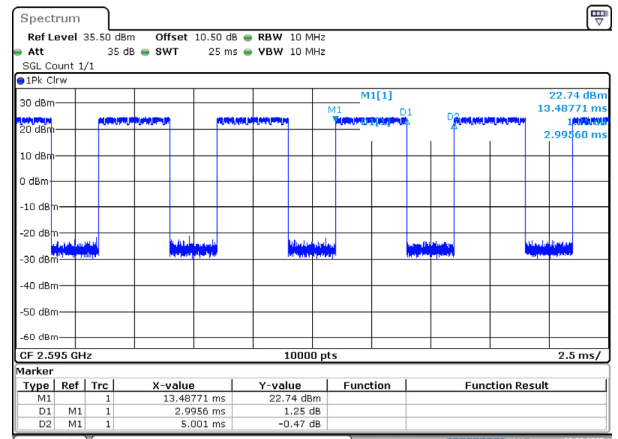
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 14:56:44

20MHz_Middle_QPSK_100@0



ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:14:38

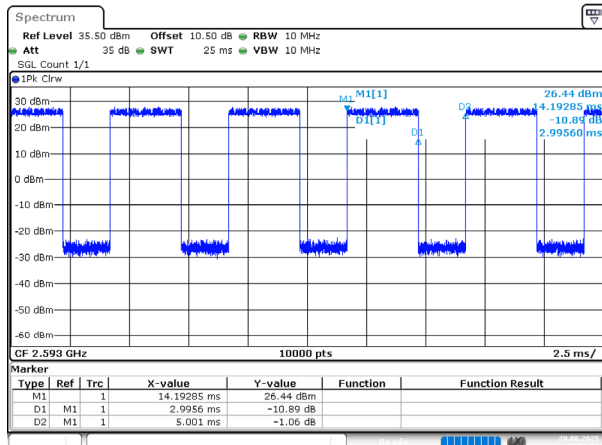
20MHz_Middle_16QAM_100@0



ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 14:59:46

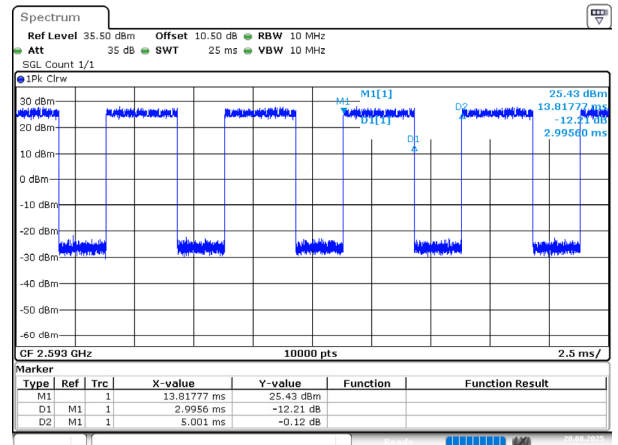
LTE Band 41, Normal

5MHz_Middle_QPSK_25@0



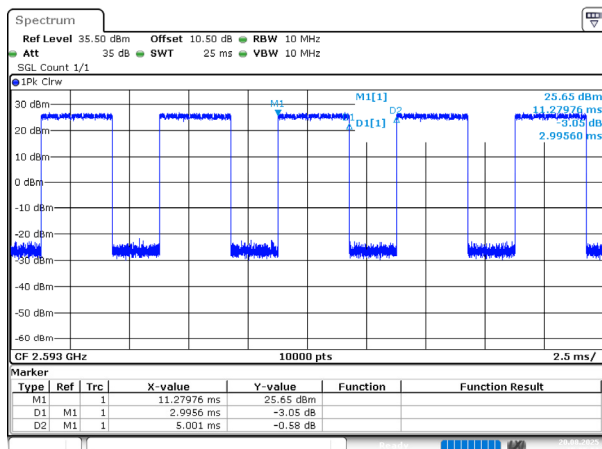
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:00:52

5MHz_Middle_16QAM_25@0



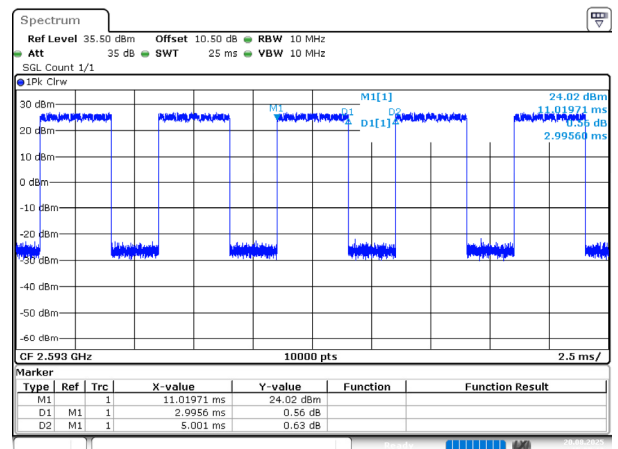
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:03:13

10MHz_Middle_QPSK_50@0



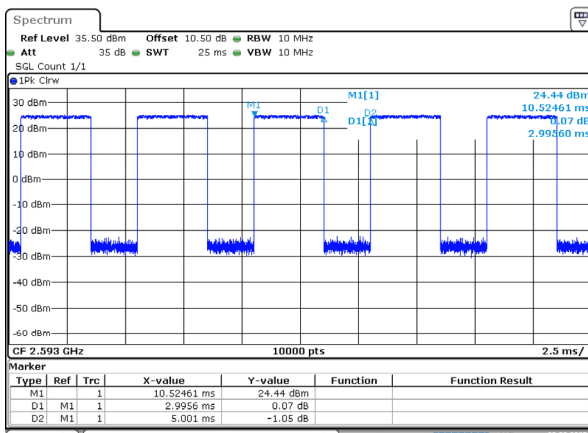
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:05:03

10MHz_Middle_16QAM_50@0



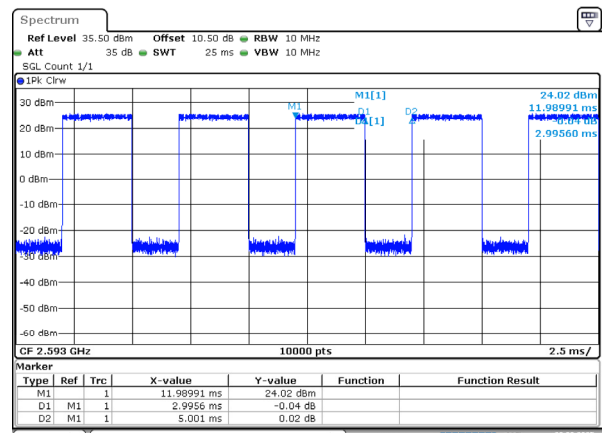
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Date: 20.AUG.2025 15:05:19

15MHz_Middle_QPSK_75@0



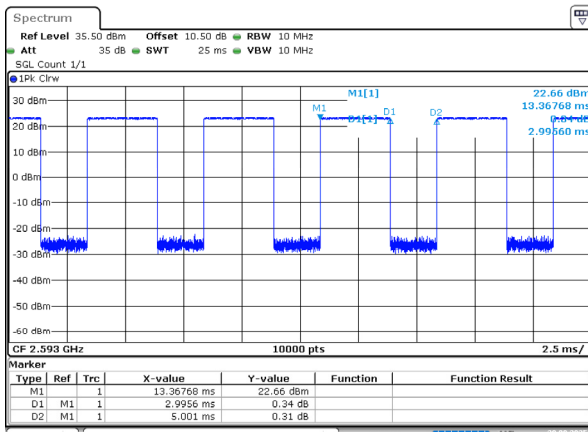
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Date: 20.AUG.2025 15:07:07

15MHz_Middle_16QAM_75@0



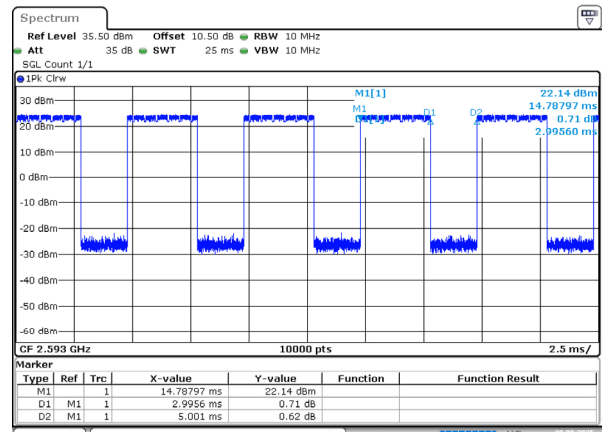
ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:15:28

20MHz_Middle_QPSK_100@0



ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:10:11

20MHz_Middle_16QAM_100@0



ProjectNo.:2501U64129E-RF Tester:Usain Ou
Date: 20.AUG.2025 15:17:57

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