

Appendix I-4G 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	2.993	5.001	59.85	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

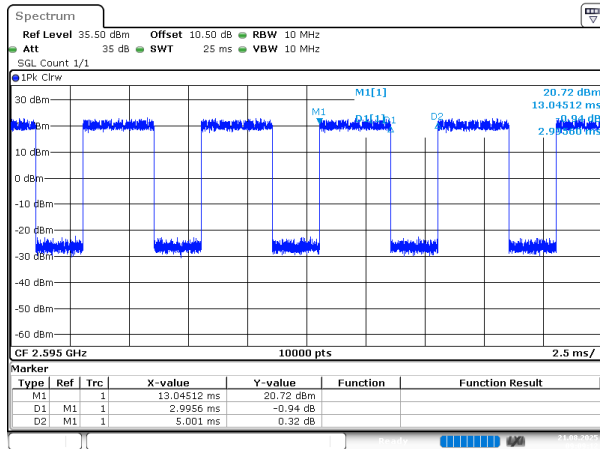
LTE Band 41, Normal

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	2.993	5.001	59.85	2.23
10MHz_Middle_16QAM_50@0	2.996	5.001	59.90	2.23
15MHz_Middle_QPSK_75@0	2.993	5.001	59.85	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%

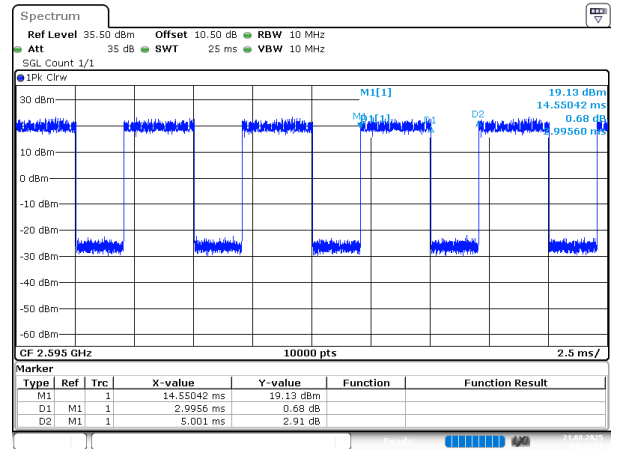
LTE Band 38, Normal

5MHz_Middle_QPSK_25@0



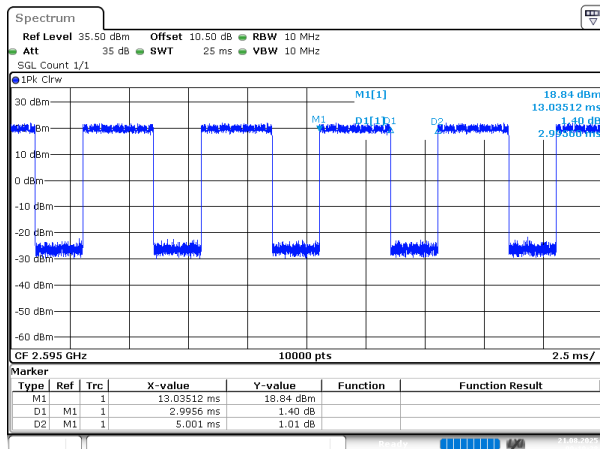
ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 21.AUG.2025 09:09:13

5MHz_Middle_16QAM_25@0



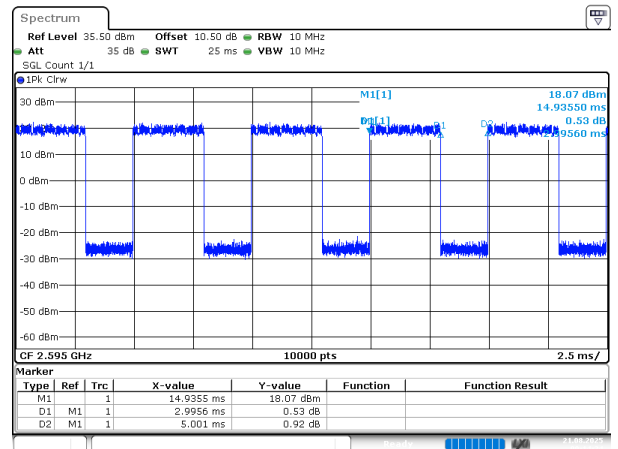
ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 21.AUG.2025 09:10:11

10MHz_Middle_QPSK_50@0



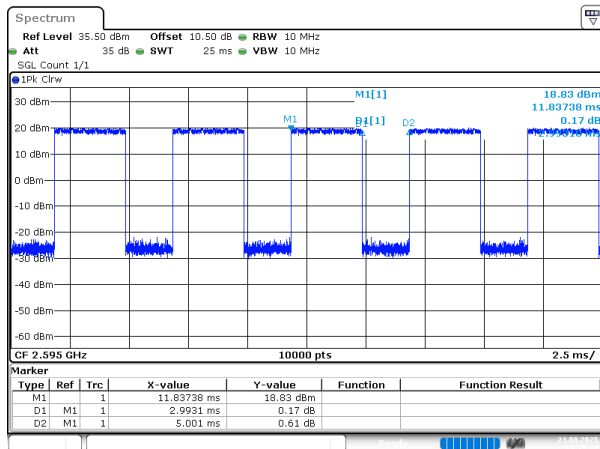
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Date: 21.AUG.2025 09:10:29

10MHz_Middle_16QAM_50@0



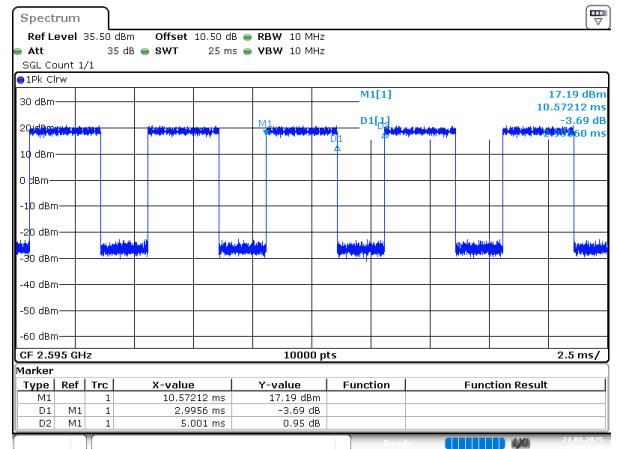
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Date: 21.AUG.2025 09:14:24

15MHz_Middle_QPSK_75@0



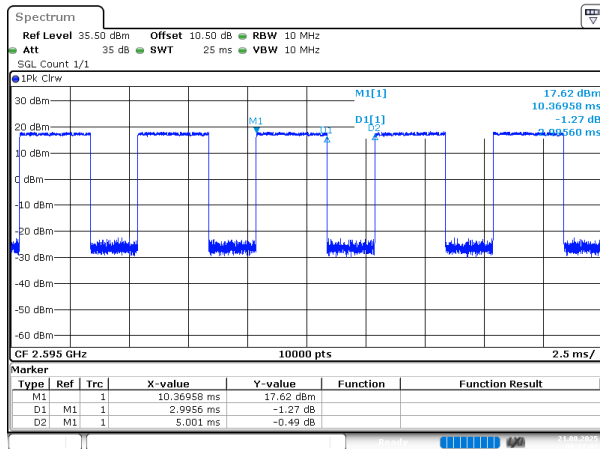
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15MHz_Middle_16QAM_75@0



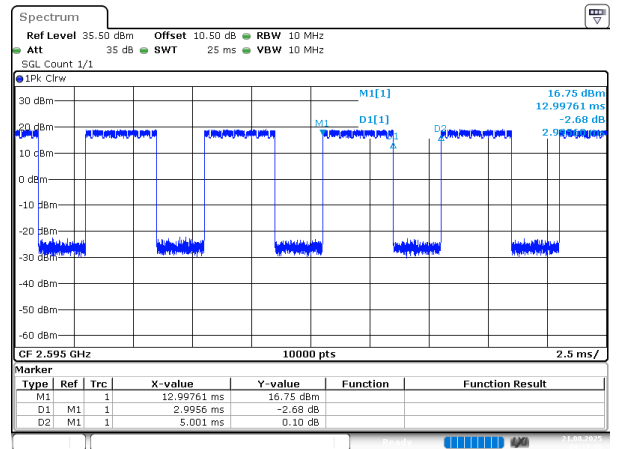
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Date: 21.AUG.2025 09:16:47

20MHz_Middle_QPSK_100@0



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 21.AUG.2025 09:17:03

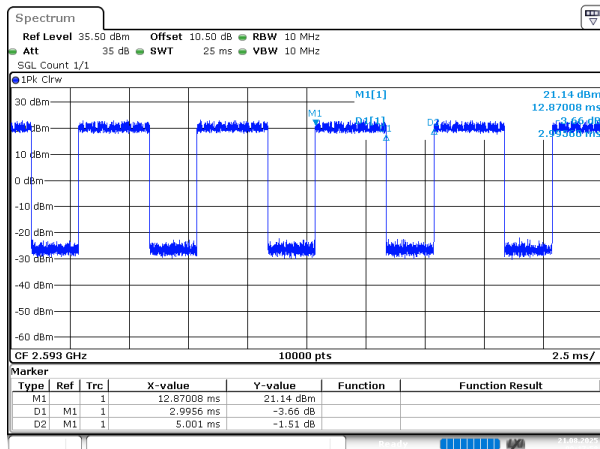
20MHz_Middle_16QAM_100@0



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 21.AUG.2025 09:17:16

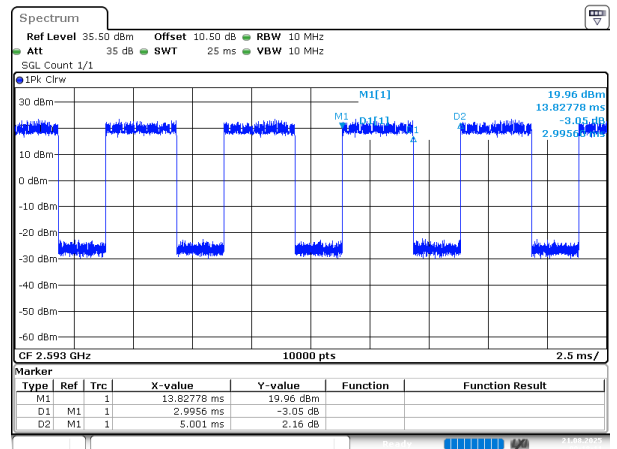
LTE Band 41, Normal

5MHz_Middle_QPSK_25@0



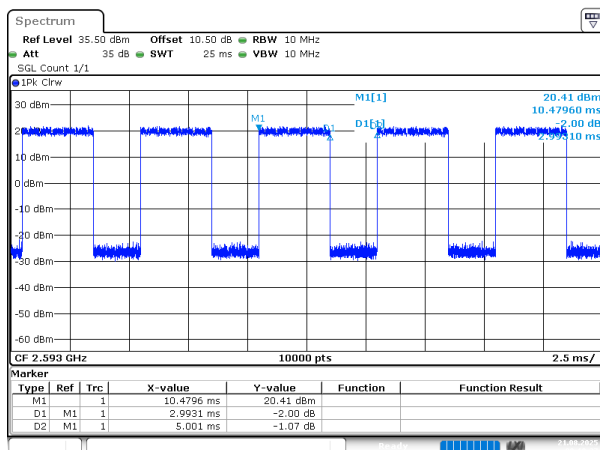
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5MHz_Middle_16QAM_25@0



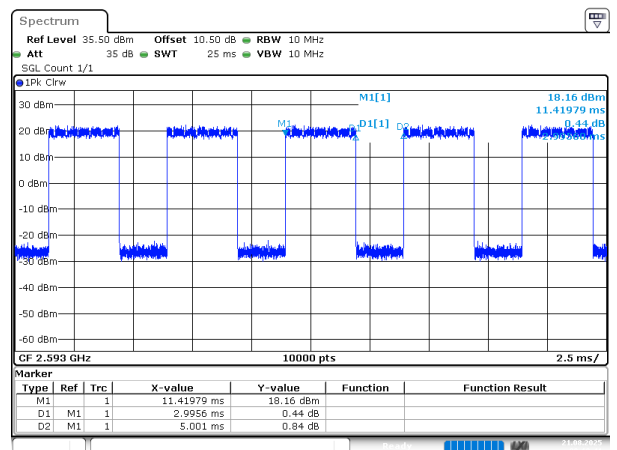
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Date: 21.AUG.2025 09:18:11

10MHz_Middle_QPSK_50@0



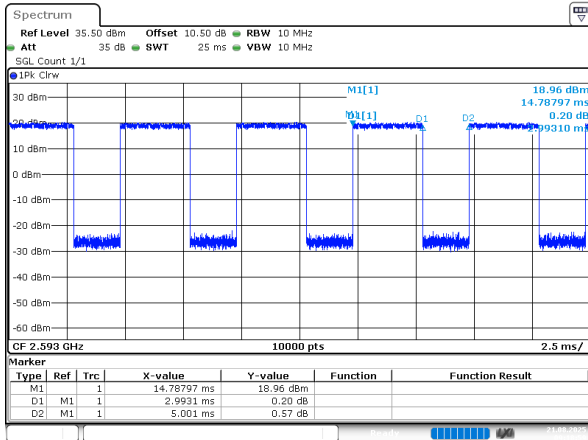
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10MHz_Middle_16QAM_50@0



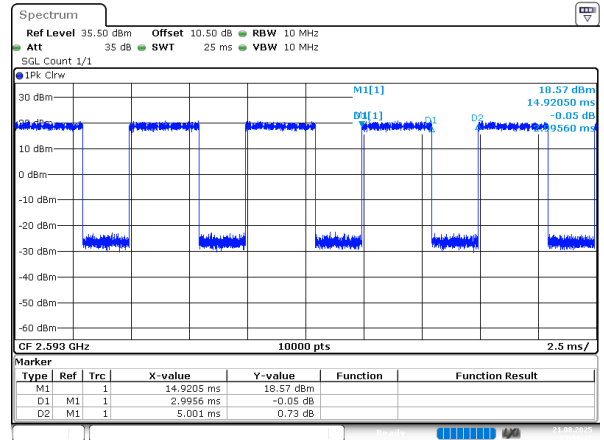
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15MHz_Middle_QPSK_75@0



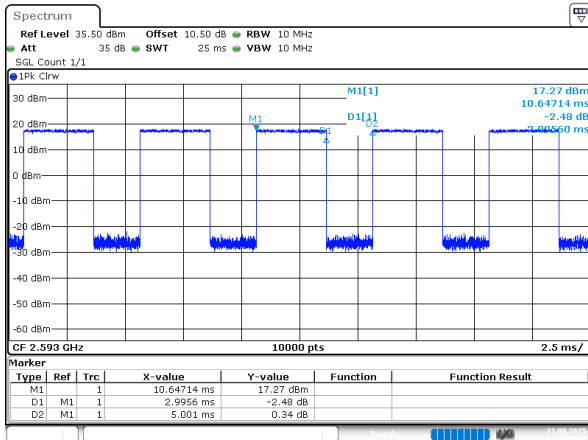
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15MHz_Middle_16QAM_75@0



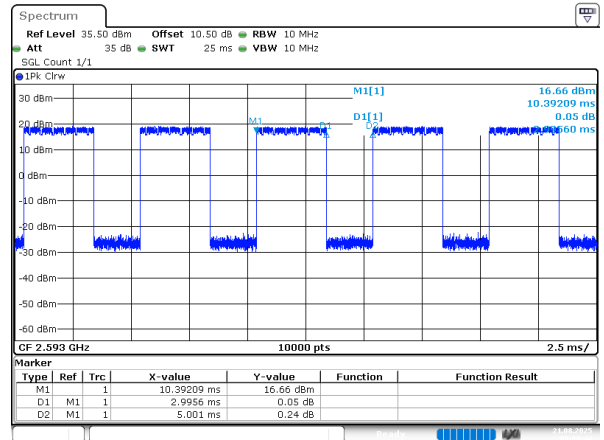
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20MHz_Middle_QPSK_100@0



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 21.AUG.2025 09:19:28

20MHz_Middle_16QAM_100@0



ProjectNo.:2501V09799E-RF Tester:Leo Lin
Date: 21.AUG.2025 09:19:44

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