

**Test Information:**

<b>Sample No.:</b>	2Q03-1	<b>Test Date:</b>	2024/09/22~2024/09/24
<b>Test Site:</b>	RF	<b>Test Mode:</b>	Transmitting
<b>Tester:</b>	Kungfumaster Liang	<b>Test Result:</b>	Pass

**Environmental Conditions:**

<b>Temperature:</b> (°C):	24.5-25.5	<b>Relative Humidity:</b> (%)	45-55	<b>ATM Pressure:</b> (kPa)	101
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**Peak-to-average Ratio(PAR)**

**FCC Part 27**

**n7**

Mode	Value (dB)	Limit (dB)	Result
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	4.03	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM QPSK_RB100@0	5.39	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM 16 QAM_RB100@0	6.17	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM 64 QAM_RB100@0	6.49	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-OFDM 256 QAM_RB100@0	6.49	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFDM QPSK_RB106@0	<b>8.55</b>	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFDM 16 QAM_RB106@0	7.77	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFDM 64 QAM_RB106@0	8.09	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFDM 256 QAM_RB106@0	8.38	13	Pass

**n12**

Mode	Value (dB)	Limit (dB)	Result
n12_15MHz_15kHz_707.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB75@0	4.43	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFDM QPSK_RB75@0	5.33	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFDM 16 QAM_RB75@0	6.23	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFDM 64 QAM_RB75@0	6.52	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFDM 256 QAM_RB75@0	6.46	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	8.26	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	8.17	13	Pass

Mode	Value (dB)	Limit (dB)	Result
n12_15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	8.43	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	<b>8.67</b>	13	Pass

**n38**

Mode	Value (dB)	Limit (dB)	Result
n38_20MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	9.57	13	Pass
n38_20MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB50@0	7.13	13	Pass
n38_20MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB50@0	11.04	13	Pass
n38_20MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB50@0	8.70	13	Pass
n38_20MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB50@0	9.91	13	Pass
n38_20MHz_30kHz_2595MHz_CP-OFDM QPSK_RB51@0	9.80	13	Pass
n38_20MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB51@0	10.75	13	Pass
n38_20MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB51@0	<b>11.13</b>	13	Pass
n38_20MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB51@0	10.61	13	Pass

**n41**

Mode	Value (dB)	Limit (dB)	Result
n41_20MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	5.74	13	Pass
n41_20MHz_30kHz_2592.99MHz_DFT-s-OFDM QPSK_RB50@0	9.65	13	Pass
n41_20MHz_30kHz_2592.99MHz_DFT-s-OFDM 16 QAM_RB50@0	9.94	13	Pass
n41_20MHz_30kHz_2592.99MHz_DFT-s-OFDM 64 QAM_RB50@0	8.23	13	Pass
n41_20MHz_30kHz_2592.99MHz_DFT-s-OFDM 256 QAM_RB50@0	9.33	13	Pass

Mode	Value (dB)	Limit (dB)	Result
n41_20MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB51@0	9.77	13	Pass
n41_20MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB51@0	9.91	13	Pass
n41_20MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB51@0	10	13	Pass
n41_20MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB51@0	<b>11.51</b>	13	Pass

**n66**

Mode	Value (dB)	Limit (dB)	Result
n66_20MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB100@0	5.28	13	Pass
n66_20MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB100@0	5.94	13	Pass
n66_20MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB100@0	6.35	13	Pass
n66_20MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB100@0	5.80	13	Pass
n66_20MHz_15kHz_1745MHz_CP-OFDM QPSK_RB106@0	<b>8.72</b>	13	Pass
n66_20MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB106@0	8.20	13	Pass
n66_20MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB106@0	8.38	13	Pass
n66_20MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB106@0	8.41	13	Pass

**n77\_1**

Mode	Value (dB)	Limit (dB)	Result
n77_1_20MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	10.03	13	Pass
n77_1_20MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	11.39	13	Pass
n77_1_20MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB50@0	8.14	13	Pass
n77_1_20MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB50@0	9.83	13	Pass

Mode	Value (dB)	Limit (dB)	Result
n77_1_20MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB50@0	8.23	13	Pass
n77_1_20MHz_30kHz_3500MHz_CP-OFDM QPSK_RB51@0	<b>11.74</b>	13	Pass
n77_1_20MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB51@0	9.83	13	Pass
n77_1_20MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB51@0	9.91	13	Pass
n77_1_20MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB51@0	10.20	13	Pass

**n77\_3**

Mode	Value (dB)	Limit (dB)	Result
n77_3_20MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	8.26	13	Pass
n77_3_20MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB50@0	7.28	13	Pass
n77_3_20MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB50@0	8.20	13	Pass
n77_3_20MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB50@0	9.91	13	Pass
n77_3_20MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB50@0	8.26	13	Pass
n77_3_20MHz_30kHz_3840MHz_CP-OFDM QPSK_RB51@0	10.03	13	Pass
n77_3_20MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB51@0	<b>12.14</b>	13	Pass
n77_3_20MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB51@0	10.23	13	Pass
n77_3_20MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB51@0	10.87	13	Pass

**n78\_1**

Mode	Value (dB)	Limit (dB)	Result
n78_1_20MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	<b>10.70</b>	13	Pass
n78_1_20MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB50@0	7.13	13	Pass

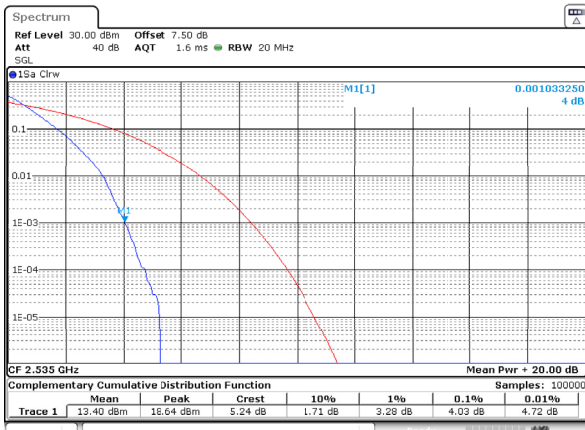
Mode	Value (dB)	Limit (dB)	Result
n78_1_20MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB50@0	9.51	13	Pass
n78_1_20MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB50@0	9.01	13	Pass
n78_1_20MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB50@0	8.26	13	Pass
n78_1_20MHz_30kHz_3500MHz_CP-OFDM QPSK_RB51@0	9.77	13	Pass
n78_1_20MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB51@0	10.20	13	Pass
n78_1_20MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB51@0	9.97	13	Pass
n78_1_20MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB51@0	10.14	13	Pass

**n78\_3**

Mode	Value (dB)	Limit (dB)	Result
n78_3_20MHz_30kHz_3750MHz_DFT-s-OFDM $\pi/2$ BPSK_RB50@0	5.77	13	Pass
n78_3_20MHz_30kHz_3750MHz_DFT-s-OFDM QPSK_RB50@0	7.13	13	Pass
n78_3_20MHz_30kHz_3750MHz_DFT-s-OFDM 16 QAM_RB50@0	8.52	13	Pass
n78_3_20MHz_30kHz_3750MHz_DFT-s-OFDM 64 QAM_RB50@0	<b>10.87</b>	13	Pass
n78_3_20MHz_30kHz_3750MHz_DFT-s-OFDM 256 QAM_RB50@0	8.26	13	Pass
n78_3_20MHz_30kHz_3750MHz_CP-OFDM QPSK_RB51@0	9.86	13	Pass
n78_3_20MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB51@0	10.14	13	Pass
n78_3_20MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB51@0	10.03	13	Pass
n78_3_20MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB51@0	10.55	13	Pass

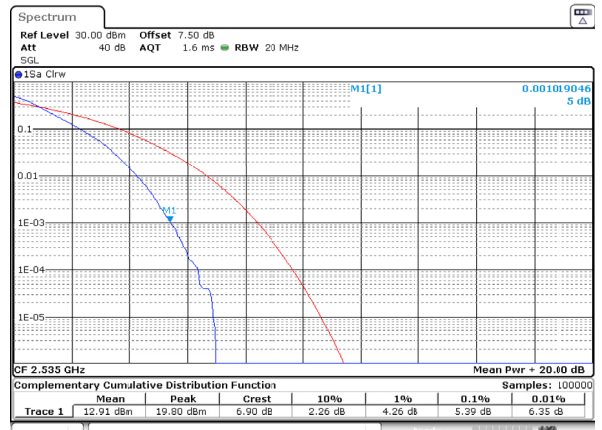
n7

n7\_20MHz\_15kHz\_2535MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB100@0 4.03dB



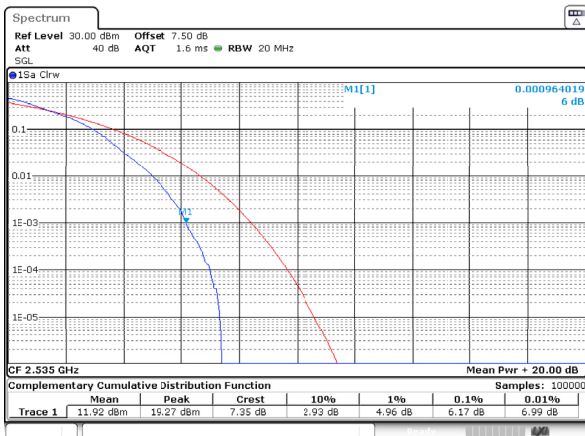
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Date: 22\_SEP.2024 14:54:59

n7\_20MHz\_15kHz\_2535MHz\_DFT-s-OFDM  
QPSK\_RB100@0 5.39dB



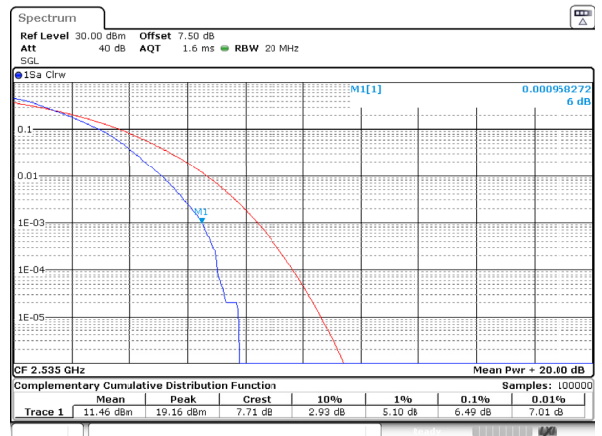
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n7\_20MHz\_15kHz\_2535MHz\_DFT-s-OFDM 16  
QAM\_RB100@0 6.17dB



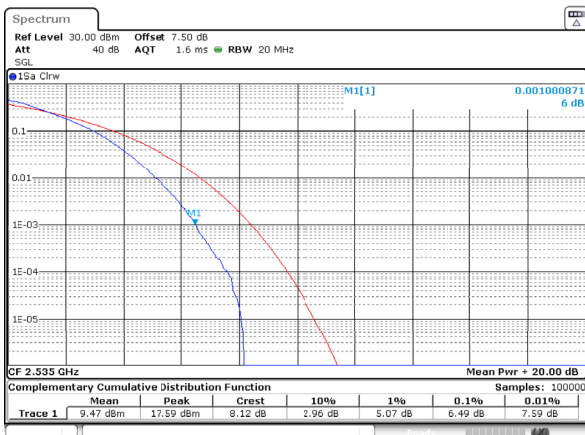
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n7\_20MHz\_15kHz\_2535MHz\_DFT-s-OFDM 64  
QAM\_RB100@0 6.49dB



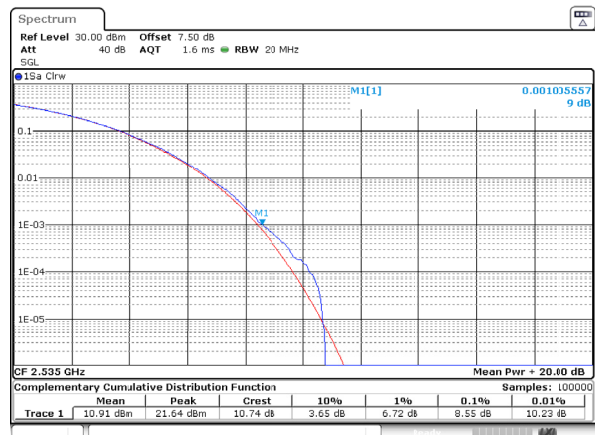
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Date: 22\_SEP.2024 14:56:47

n7\_20MHz\_15kHz\_2535MHz\_DFT-s-OFDM 256  
QAM\_RB100@0 6.49dB



ProjectNo.: 2401W26164E-RF Tester: Kungfumeister Liang  
Date: 22\_SEP.2024 14:57:19

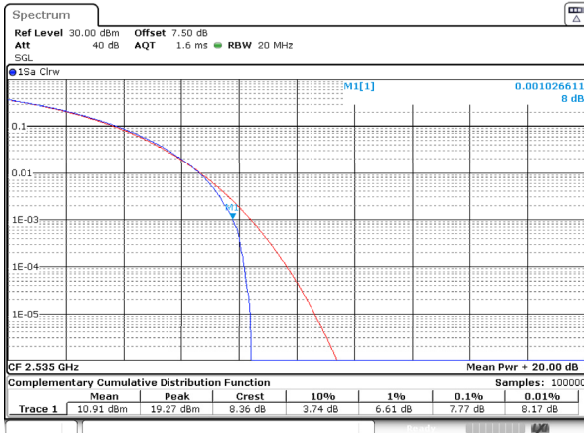
n7\_20MHz\_15kHz\_2535MHz\_CP-OFDM  
QPSK\_RB106@0 8.55dB



ProjectNo.: 2401W26164E-RF Tester: Kungfumeister Liang  
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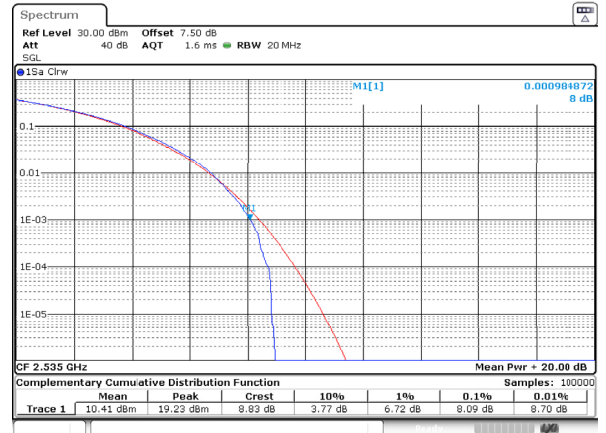


n7\_20MHz\_15kHz\_2535MHz\_CP-OFDM 16  
QAM\_RB106@0 7.77dB



ProjectNo.: 2401W26164E-RF Tester:Kungfamester Liang  
Date: 22\_SEP\_2024 14:58:23

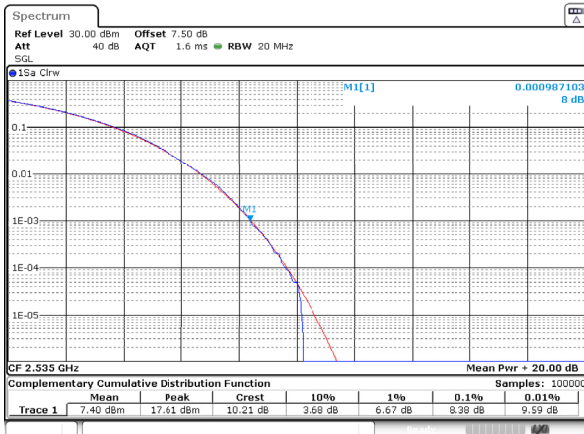
n7\_20MHz\_15kHz\_2535MHz\_CP-OFDM 64  
QAM\_RB106@0 8.09dB



ProjectNo.: 2401W26164E-RF Tester:Kungfamester Liang  
Date: 22\_SEP\_2024 14:58:53

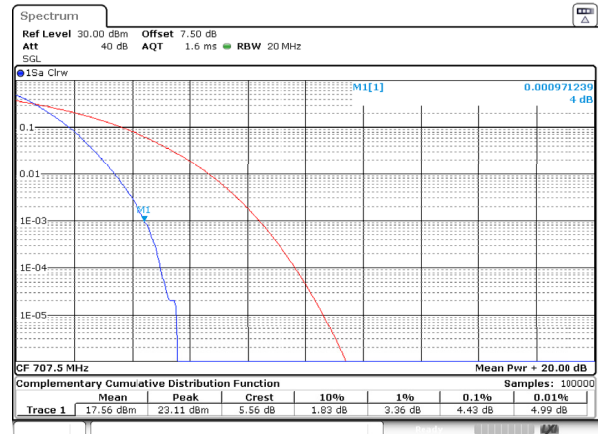
n12

n7\_20MHz\_15kHz\_2535MHz\_CP-OFDM 256  
QAM\_RB106@0 8.38dB



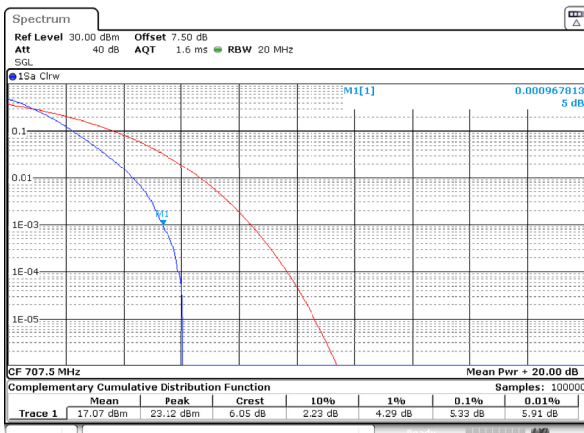
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Date: 22\_SEP\_2024 14:59:25

n12\_15MHz\_15kHz\_707.5MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB75@0 4.43dB



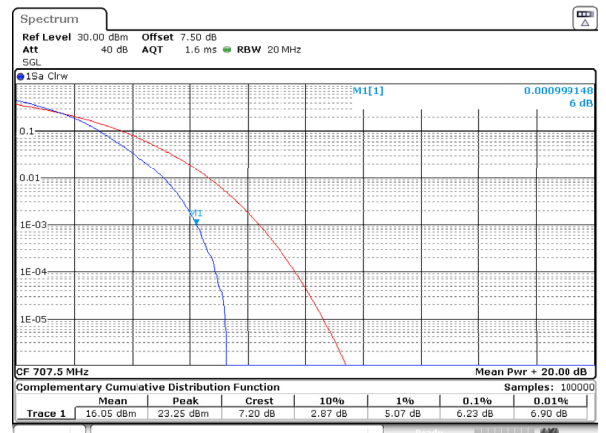
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n12\_15MHz\_15kHz\_707.5MHz\_DFT-s-OFDM  
QPSK\_RB75@0 5.33dB



ProjectNo.: 2401W26164E-RF Tester:Kungfamester Liang  
Date: 22\_SEP\_2024 15:01:53

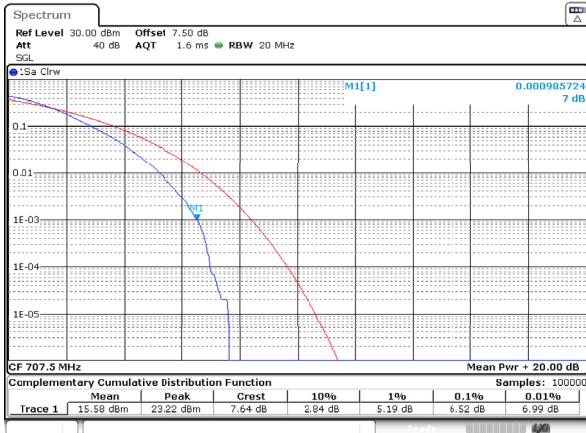
n12\_15MHz\_15kHz\_707.5MHz\_DFT-s-OFDM 16  
QAM\_RB75@0 6.23dB



ProjectNo.: 2401W26164E-RF Tester:Kungfamester Liang  
Date: 22\_SEP\_2024 15:02:24

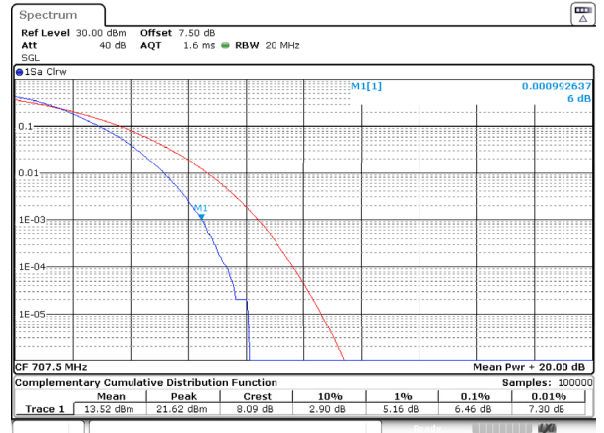


n12\_15MHz\_15kHz\_707.5MHz\_DFT-s-OFDM 64  
QAM\_RB75@0 6.52dB



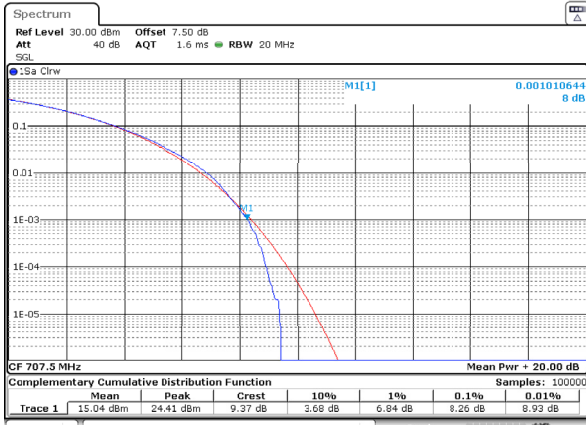
ProjectNo.: 2401W26164E-RF Tester: Kingfumeater, Lijiang  
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n12\_15MHz\_15kHz\_707.5MHz\_DFT-s-OFDM 256  
QAM\_RB75@0 6.46dB



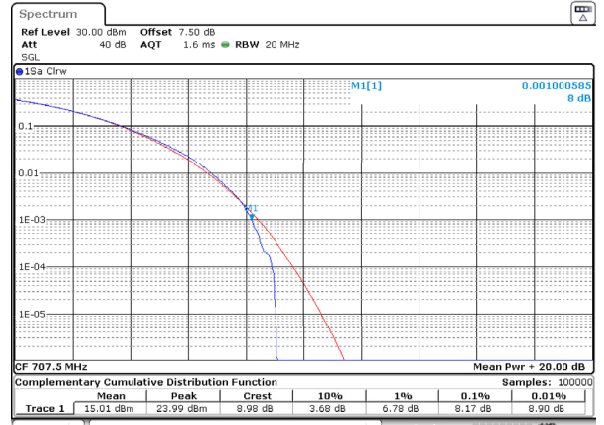
ProjectNo.: 2401W26164E-RF Tester: Kingfumeater, Lijiang  
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n12\_15MHz\_15kHz\_707.5MHz\_CP-OFDM  
QPSK\_RB79@0 8.26dB



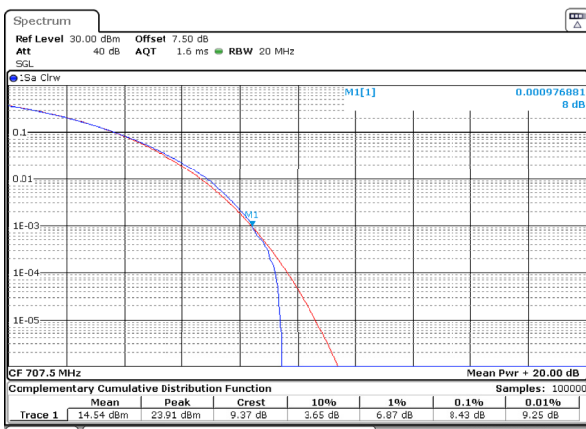
ProjectNo.: 2401W26164E-RF Tester: Kingfumeater, Lijiang  
Date: 22\_SEP.2024 15:04:01

n12\_15MHz\_15kHz\_707.5MHz\_CP-OFDM 16  
QAM\_RB79@0 8.17dB



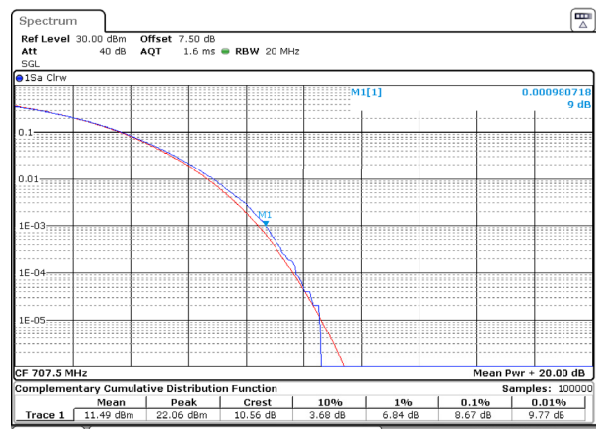
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Date: 22\_SEP.2024 15:04:31

n12\_15MHz\_15kHz\_707.5MHz\_CP-OFDM 64  
QAM\_RB79@0 8.43dB



ProjectNo.: 2401W26164E-RF Tester: Kingfumeater, Lijiang  
Date: 22\_SEP.2024 15:05:01

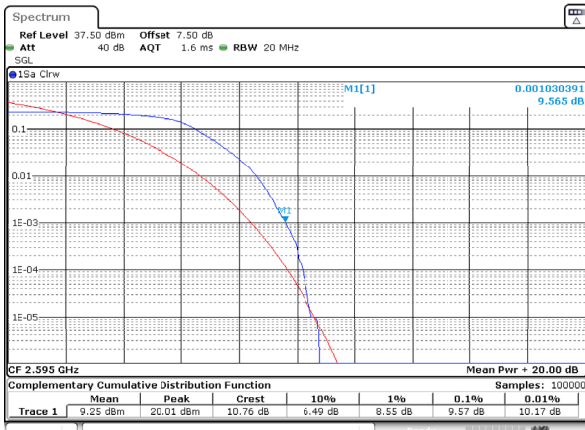
n12\_15MHz\_15kHz\_707.5MHz\_CP-OFDM 256  
QAM\_RB79@0 8.67dB



ProjectNo.: 2401W26164E-RF Tester: Kingfumeater, Lijiang  
Date: 22\_SEP.2024 15:05:32

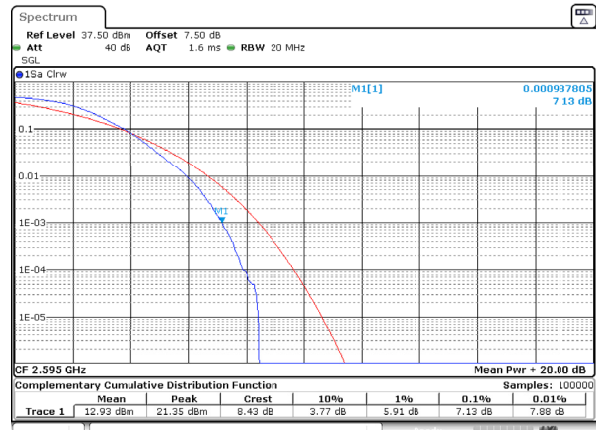
n38

n38\_20MHz\_30kHz\_2595MHz\_DFT-s-OFDM  $\pi/2$   
BPSK\_RB50@0 9.57dB



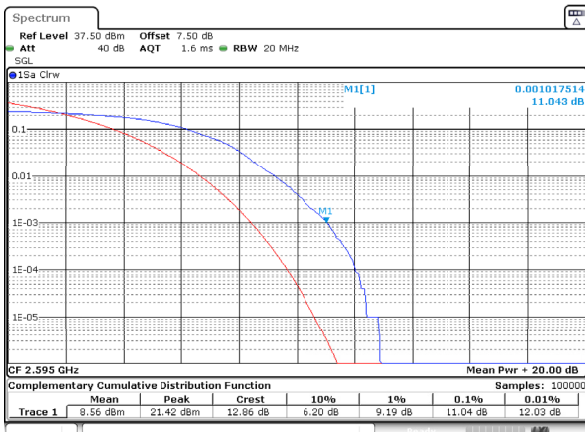
ProjectNo.: 2401W26164E-RF Tester: Kungfumeister Liang  
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n38\_20MHz\_30kHz\_2595MHz\_DFT-s-OFDM  
QPSK\_RB50@0 7.13dB



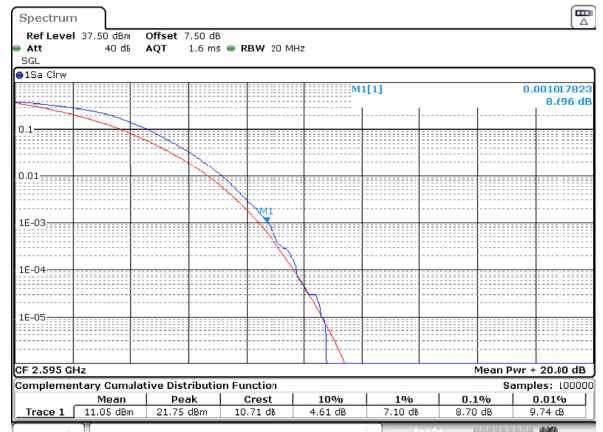
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n38\_20MHz\_30kHz\_2595MHz\_DFT-s-OFDM 16  
QAM\_RB50@0 11.04dB



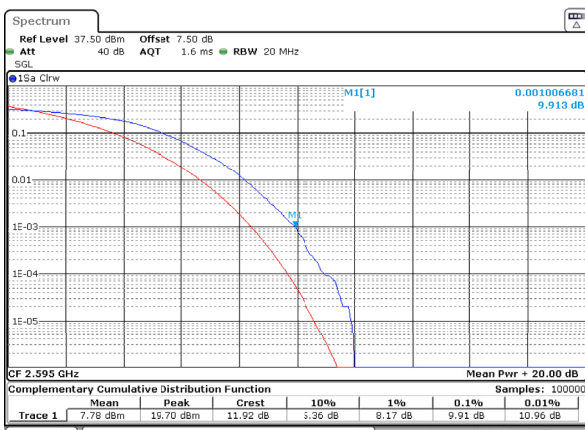
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n38\_20MHz\_30kHz\_2595MHz\_DFT-s-OFDM 64  
QAM\_RB50@0 8.70dB



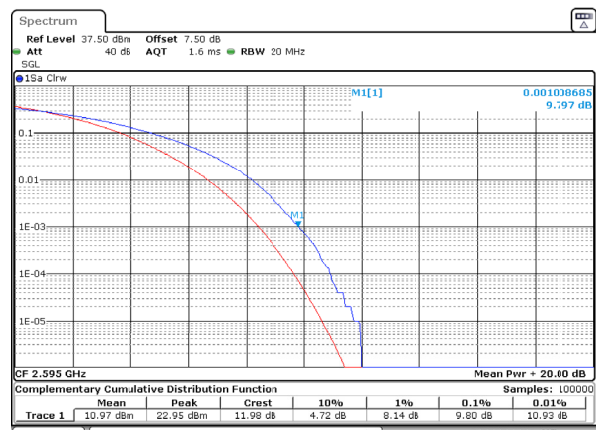
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n38\_20MHz\_30kHz\_2595MHz\_DFT-s-OFDM 256  
QAM\_RB50@0 9.91dB



ProjectNo.: 2401W26164E-RF Tester: Kungfumeister Liang  
Date: 24\_SEP.2024 14:04:22

n38\_20MHz\_30kHz\_2595MHz\_CP-OFDM  
QPSK\_RB51@0 9.80dB



ProjectNo.: 2401W26164E-RF Tester: Kungfumeister Liang  
Date: 24\_SEP.2024 13:32:21