

Appendix B

Test Information:

Sample No.:	30YX-1	Test Date:	2025/05/06~2025/06/04
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.2-25.6	Relative Humidity: (%)	34-54	ATM Pressure: (kPa)	100.2-100.8
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Peak-to-average Ratio(PAR)

FCC Part 22H

n5

Mode	Result (dB)	Limit (dB)	Verdict
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	6.91	13	Pass
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM QPSK_RB100@0	7.96	13	Pass
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM 16 QAM_RB100@0	8.67	13	Pass
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM 64 QAM_RB100@0	8.86	13	Pass
n5_20MHz_15kHz_836.5MHz_DFT-s-OFDM 256 QAM_RB100@0	9.09	13	Pass
n5_20MHz_15kHz_836.5MHz_CP-OFDM QPSK_RB106@0	10.46	13	Pass
n5_20MHz_15kHz_836.5MHz_CP-OFDM 16 QAM_RB106@0	10.46	13	Pass
n5_20MHz_15kHz_836.5MHz_CP-OFDM 64 QAM_RB106@0	10.64	13	Pass
n5_20MHz_15kHz_836.5MHz_CP-OFDM 256 QAM_RB106@0	10.82	13	Pass

FCC Part 27

n7

Mode	Result (dB)	Limit (dB)	Verdict
n7_20MHz_15kHz_2535MHz_DFT-s-O FDM $\pi/2$ BPSK_RB100@0	7.16	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-O FDM QPSK_RB100@0	8.28	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-O FDM 16 QAM_RB100@0	9.05	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-O FDM 64 QAM_RB100@0	9.19	13	Pass
n7_20MHz_15kHz_2535MHz_DFT-s-O FDM 256 QAM_RB100@0	9.42	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFD M QPSK_RB106@0	10.64	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFD M 16 QAM_RB106@0	10.63	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFD M 64 QAM_RB106@0	10.86	13	Pass
n7_20MHz_15kHz_2535MHz_CP-OFD M 256 QAM_RB106@0	11.20	13	Pass

n12

Mode	Result (dB)	Limit (dB)	Verdict
n12_15MHz_15kHz_707.5MHz_DFT-s-OFD M $\pi/2$ BPSK_RB75@0	9.30	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFD M QPSK_RB75@0	12.86	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFD M 16 QAM_RB75@0	9.80	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFD M 64 QAM_RB75@0	8.95	13	Pass
n12_15MHz_15kHz_707.5MHz_DFT-s-OFD M 256 QAM_RB75@0	9.67	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM QPSK_RB79@0	10.59	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM 16 QAM_RB79@0	10.60	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM 64 QAM_RB79@0	10.57	13	Pass
n12_15MHz_15kHz_707.5MHz_CP-OFDM 256 QAM_RB79@0	10.81	13	Pass

n38

Mode	Result (dB)	Limit (dB)	Verdict
n38_40MHz_30kHz_2595MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	7.30	13	Pass
n38_40MHz_30kHz_2595MHz_DFT-s-OFDM QPSK_RB100@0	8.43	13	Pass
n38_40MHz_30kHz_2595MHz_DFT-s-OFDM 16 QAM_RB100@0	9.16	13	Pass
n38_40MHz_30kHz_2595MHz_DFT-s-OFDM 64 QAM_RB100@0	9.36	13	Pass
n38_40MHz_30kHz_2595MHz_DFT-s-OFDM 256 QAM_RB100@0	9.50	13	Pass
n38_40MHz_30kHz_2595MHz_CP-OFDM QPSK_RB106@0	10.92	13	Pass
n38_40MHz_30kHz_2595MHz_CP-OFDM 16 QAM_RB106@0	10.97	13	Pass
n38_40MHz_30kHz_2595MHz_CP-OFDM 64 QAM_RB106@0	11.15	13	Pass
n38_40MHz_30kHz_2595MHz_CP-OFDM 256 QAM_RB106@0	11.34	13	Pass

n41

Mode	Result (dB)	Limit (dB)	Verdict
n41_100MHz_30kHz_2592.99MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	8.04	13	Pass
n41_100MHz_30kHz_2592.99MHz_DFT-s-OFDM M QPSK_RB270@0	8.50	13	Pass
n41_100MHz_30kHz_2592.99MHz_DFT-s-OFDM M 16 QAM_RB270@0	9.20	13	Pass
n41_100MHz_30kHz_2592.99MHz_DFT-s-OFDM M 64 QAM_RB270@0	9.35	13	Pass
n41_100MHz_30kHz_2592.99MHz_DFT-s-OFDM M 256 QAM_RB270@0	9.43	13	Pass
n41_100MHz_30kHz_2592.99MHz_CP-OFDM QPSK_RB273@0	11.05	13	Pass
n41_100MHz_30kHz_2592.99MHz_CP-OFDM 16 QAM_RB273@0	11.07	13	Pass
n41_100MHz_30kHz_2592.99MHz_CP-OFDM 64 QAM_RB273@0	11.13	13	Pass
n41_100MHz_30kHz_2592.99MHz_CP-OFDM 256 QAM_RB273@0	11.32	13	Pass

n66

Mode	Result (dB)	Limit (dB)	Verdict
n66_40MHz_15kHz_1745MHz_DFT-s-OFDM $\pi/2$ BPSK_RB216@0	7.12	13	Pass
n66_40MHz_15kHz_1745MHz_DFT-s-OFDM QPSK_RB216@0	8.23	13	Pass
n66_40MHz_15kHz_1745MHz_DFT-s-OFDM 16 QAM_RB216@0	9.04	13	Pass
n66_40MHz_15kHz_1745MHz_DFT-s-OFDM 64 QAM_RB216@0	9.18	13	Pass
n66_40MHz_15kHz_1745MHz_DFT-s-OFDM 256 QAM_RB216@0	9.46	13	Pass
n66_40MHz_15kHz_1745MHz_CP-OFDM QPSK_RB216@0	10.71	13	Pass
n66_40MHz_15kHz_1745MHz_CP-OFDM 16 QAM_RB216@0	10.68	13	Pass
n66_40MHz_15kHz_1745MHz_CP-OFDM 64 QAM_RB216@0	10.89	13	Pass
n66_40MHz_15kHz_1745MHz_CP-OFDM 256 QAM_RB216@0	11.21	13	Pass

n71

Mode	Result (dB)	Limit (dB)	Verdict
n71_20MHz_15kHz_680.5MHz_DFT-s-OFDM $\pi/2$ BPSK_RB100@0	11.60	13	Pass
n71_20MHz_15kHz_680.5MHz_DFT-s-OFDM M QPSK_RB100@0	11.66	13	Pass
n71_20MHz_15kHz_680.5MHz_DFT-s-OFDM M 16 QAM_RB100@0	10.43	13	Pass
n71_20MHz_15kHz_680.5MHz_DFT-s-OFDM M 64 QAM_RB100@0	9.94	13	Pass
n71_20MHz_15kHz_680.5MHz_DFT-s-OFDM M 256 QAM_RB100@0	9.90	13	Pass
n71_20MHz_15kHz_680.5MHz_CP-OFDM QPSK_RB106@0	10.37	13	Pass
n71_20MHz_15kHz_680.5MHz_CP-OFDM 16 QAM_RB106@0	10.42	13	Pass
n71_20MHz_15kHz_680.5MHz_CP-OFDM 64 QAM_RB106@0	10.45	13	Pass
n71_20MHz_15kHz_680.5MHz_CP-OFDM 256 QAM_RB106@0	10.21	13	Pass

n77_1

Mode	Result (dB)	Limit (dB)	Verdict
n77_1_100MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	7.81	13	Pass
n77_1_100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	8.26	13	Pass
n77_1_100MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	8.96	13	Pass
n77_1_100MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	9.09	13	Pass
n77_1_100MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	9.10	13	Pass
n77_1_100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	10.84	13	Pass
n77_1_100MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB273@0	10.85	13	Pass
n77_1_100MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB273@0	10.87	13	Pass
n77_1_100MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB273@0	10.84	13	Pass

n77_3

Mode	Result (dB)	Limit (dB)	Verdict
n77_3_100MHz_30kHz_3840MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	7.93	13	Pass
n77_3_100MHz_30kHz_3840MHz_DFT-s-OFDM QPSK_RB270@0	8.26	13	Pass
n77_3_100MHz_30kHz_3840MHz_DFT-s-OFDM 16 QAM_RB270@0	8.92	13	Pass
n77_3_100MHz_30kHz_3840MHz_DFT-s-OFDM 64 QAM_RB270@0	9.11	13	Pass
n77_3_100MHz_30kHz_3840MHz_DFT-s-OFDM 256 QAM_RB270@0	9.10	13	Pass
n77_3_100MHz_30kHz_3840MHz_CP-OFDM QPSK_RB273@0	10.84	13	Pass
n77_3_100MHz_30kHz_3840MHz_CP-OFDM 16 QAM_RB273@0	10.82	13	Pass
n77_3_100MHz_30kHz_3840MHz_CP-OFDM 64 QAM_RB273@0	10.83	13	Pass
n77_3_100MHz_30kHz_3840MHz_CP-OFDM 256 QAM_RB273@0	10.85	13	Pass

n78_1

Mode	Result (dB)	Limit (dB)	Verdict
n78_1_100MHz_30kHz_3500MHz_DFT-s-OFDM $\pi/2$ BPSK_RB270@0	7.82	13	Pass
n78_1_100MHz_30kHz_3500MHz_DFT-s-OFDM QPSK_RB270@0	8.26	13	Pass
n78_1_100MHz_30kHz_3500MHz_DFT-s-OFDM 16 QAM_RB270@0	8.88	13	Pass
n78_1_100MHz_30kHz_3500MHz_DFT-s-OFDM 64 QAM_RB270@0	9.06	13	Pass
n78_1_100MHz_30kHz_3500MHz_DFT-s-OFDM 256 QAM_RB270@0	9.11	13	Pass
n78_1_100MHz_30kHz_3500MHz_CP-OFDM QPSK_RB273@0	10.82	13	Pass
n78_1_100MHz_30kHz_3500MHz_CP-OFDM 16 QAM_RB273@0	10.91	13	Pass
n78_1_100MHz_30kHz_3500MHz_CP-OFDM 64 QAM_RB273@0	10.90	13	Pass
n78_1_100MHz_30kHz_3500MHz_CP-OFDM 256 QAM_RB273@0	10.89	13	Pass

n78_3

Mode	Result (dB)	Limit (dB)	Verdict
n78_3_100MHz_30kHz_3750MHz_DFT-s-OFDM $M \pi/2$ BPSK_RB270@0	7.88	13	Pass
n78_3_100MHz_30kHz_3750MHz_DFT-s-OFDM M QPSK_RB270@0	8.28	13	Pass
n78_3_100MHz_30kHz_3750MHz_DFT-s-OFDM M 16 QAM_RB270@0	8.89	13	Pass
n78_3_100MHz_30kHz_3750MHz_DFT-s-OFDM M 64 QAM_RB270@0	9.04	13	Pass
n78_3_100MHz_30kHz_3750MHz_DFT-s-OFDM M 256 QAM_RB270@0	9.10	13	Pass
n78_3_100MHz_30kHz_3750MHz_CP-OFDM QPSK_RB273@0	10.85	13	Pass
n78_3_100MHz_30kHz_3750MHz_CP-OFDM 16 QAM_RB273@0	10.89	13	Pass
n78_3_100MHz_30kHz_3750MHz_CP-OFDM 64 QAM_RB273@0	10.88	13	Pass
n78_3_100MHz_30kHz_3750MHz_CP-OFDM 256 QAM_RB273@0	10.84	13	Pass