

Appendix N- Peak-to-average Ratio(PAR)

Test Information:

Sample No.:	2UIA-7	Test Date:	2024/12/08~2024/12/20
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	24.7-26	Relative Humidity: (%)	36-40	ATM Pressure: (kPa)	101
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Peak-to-average Ratio(PAR)

FCC Part 22H

B5, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.13	13
10MHz_Low_QPSK_50@0	5.16	13
10MHz_Low_16QAM_1@0	5.13	13
10MHz_Low_16QAM_50@0	5.13	13
10MHz_Middle_QPSK_1@0	5.07	13
10MHz_Middle_QPSK_50@0	5.10	13
10MHz_Middle_16QAM_1@0	5.07	13
10MHz_Middle_16QAM_50@0	5.07	13
10MHz_High_QPSK_1@0	5.13	13
10MHz_High_QPSK_50@0	5.13	13
10MHz_High_16QAM_1@0	5.19	13
10MHz_High_16QAM_50@0	5.25	13

Note: worst case.

FCC Part 24E

B2, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	4.96	13
20MHz_Low_QPSK_100@0	4.93	13
20MHz_Low_16QAM_1@0	4.93	13
20MHz_Low_16QAM_100@0	4.93	13
20MHz_Middle_QPSK_1@0	5.07	13
20MHz_Middle_QPSK_100@0	5.07	13
20MHz_Middle_16QAM_1@0	5.07	13
20MHz_Middle_16QAM_100@0	5.07	13
20MHz_High_QPSK_1@0	4.84	13
20MHz_High_QPSK_100@0	4.87	13
20MHz_High_16QAM_1@0	4.84	13
20MHz_High_16QAM_100@0	4.84	13

Note: worst case.

FCC Part 27

B4, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	4.87	13
20MHz_Low_QPSK_100@0	4.87	13
20MHz_Low_16QAM_1@0	4.87	13
20MHz_Low_16QAM_100@0	4.84	13
20MHz_Middle_QPSK_1@0	4.93	13
20MHz_Middle_QPSK_100@0	4.93	13
20MHz_Middle_16QAM_1@0	4.93	13
20MHz_Middle_16QAM_100@0	4.93	13
20MHz_High_QPSK_1@0	8.49	13
20MHz_High_QPSK_100@0	4.96	13
20MHz_High_16QAM_1@0	4.96	13
20MHz_High_16QAM_100@0	4.96	13

B12, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.01	13
10MHz_Low_QPSK_50@0	5.04	13
10MHz_Low_16QAM_1@0	5.01	13
10MHz_Low_16QAM_50@0	5.01	13
10MHz_Middle_QPSK_1@0	5.10	13
10MHz_Middle_QPSK_50@0	5.10	13
10MHz_Middle_16QAM_1@0	5.10	13
10MHz_Middle_16QAM_50@0	5.10	13
10MHz_High_QPSK_1@0	5.10	13
10MHz_High_QPSK_50@0	5.10	13
10MHz_High_16QAM_1@0	5.10	13
10MHz_High_16QAM_50@0	5.10	13

B13, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Middle_QPSK_1@0	5.54	13
10MHz_Middle_QPSK_50@0	5.54	13
10MHz_Middle_16QAM_1@0	5.54	13
10MHz_Middle_16QAM_50@0	5.54	13

B17, Normal

Mode	Result (dB)	Limit (dB)
10MHz_Low_QPSK_1@0	5.10	13
10MHz_Low_QPSK_50@0	5.10	13
10MHz_Low_16QAM_1@0	5.07	13
10MHz_Low_16QAM_50@0	5.10	13
10MHz_Middle_QPSK_1@0	5.07	13
10MHz_Middle_QPSK_50@0	5.04	13
10MHz_Middle_16QAM_1@0	5.04	13
10MHz_Middle_16QAM_50@0	5.07	13
10MHz_High_QPSK_1@0	5.10	13
10MHz_High_QPSK_50@0	5.07	13
10MHz_High_16QAM_1@0	5.07	13
10MHz_High_16QAM_50@0	5.10	13

B38, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	8.43	13
20MHz_Low_QPSK_100@0	8.64	13
20MHz_Low_16QAM_1@0	5.57	13
20MHz_Low_16QAM_100@0	5.59	13
20MHz_Middle_QPSK_1@0	5.59	13
20MHz_Middle_QPSK_100@0	8.41	13
20MHz_Middle_16QAM_1@0	8.43	13
20MHz_Middle_16QAM_100@0	5.59	13
20MHz_High_QPSK_1@0	5.04	13
20MHz_High_QPSK_100@0	8.49	13
20MHz_High_16QAM_1@0	8.49	13
20MHz_High_16QAM_100@0	5.68	13

B7, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	4.67	13
20MHz_Low_QPSK_100@0	4.64	13
20MHz_Low_16QAM_1@0	4.64	13
20MHz_Low_16QAM_100@0	4.61	13
20MHz_Middle_QPSK_1@0	4.67	13
20MHz_Middle_QPSK_100@0	4.64	13
20MHz_Middle_16QAM_1@0	4.64	13
20MHz_Middle_16QAM_100@0	4.61	13
20MHz_High_QPSK_1@0	4.43	13
20MHz_High_QPSK_100@0	4.41	13
20MHz_High_16QAM_1@0	4.41	13
20MHz_High_16QAM_100@0	4.38	13

B41, Normal

Mode	Result (dB)	Limit (dB)
20MHz_Low_QPSK_1@0	4.72	13
20MHz_Low_QPSK_100@0	5.57	13
20MHz_Low_16QAM_1@0	5.88	13
20MHz_Low_16QAM_100@0	6.67	13
20MHz_Middle_QPSK_1@0	5.33	13
20MHz_Middle_QPSK_100@0	6.03	13
20MHz_Middle_16QAM_1@0	5.77	13
20MHz_Middle_16QAM_100@0	6.93	13
20MHz_High_QPSK_1@0	5.86	13
20MHz_High_QPSK_100@0	5.83	13
20MHz_High_16QAM_1@0	6.29	13
20MHz_High_16QAM_100@0	6.78	13

Note: worst case.