



RADIO EXPOSURE TEST REPORT

FCC ID : QXO-AP5022
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP5022FX
Applicant : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Manufacturer : Extreme Networks, Inc.
2121 RDU Center Drive Morrisville North Carolina
United States 27560
Standard : 47 CFR Part 2.1091

The product was received on Oct. 15, 2025, and testing was started from Dec. 18, 2025 and completed on Jul. 17, 2026. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 47 CFR Part 2.1091 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen



Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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History of this test report

[illegible]



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2	-	Exposure evaluation	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Sharon Jiang



1 General Description

1.1 EUT General Information

RF General Information			
Evaluation Mode	Frequency Range (MHz)	Operating Frequency (MHz)	Modulation Type
2.4GHz WLAN	2400-2483.5	2412-2462	802.11b: DSSS (DBPSK, DQPSK, CCK) 802.11g/n: OFDM (BPSK, QPSK, 16QAM, 64QAM) VHT: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
5GHz WLAN	5150-5250 5250-5350 5470-5725 5725-5850	5180-5250 5250-5320 5500-5720 5745-5825	802.11a/n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
6GHz WLAN	5925-7125	5955-7115	802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
Bluetooth	2400-2483.5	2402-2480	LE: DSSS (GFSK)
802.15.4	2400-2483.5	2405-2480	DSSS (O-QPSK)
UWB	3.1~10.6 GHz	7987.2	BPSK + DSSS



1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support	Radio	Remark
1	1/2/3/4	Extreme Networks	AI-TP05360	MIMO-Directional Panel	SMA ST. Plug	2.4G & 5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
2	1/2/3/4	Extreme Networks	AI-TQ08055	Sector	RP- SMA	2.4G & 5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
3	1/2/3/4	Extreme Networks	AIO-HQ17020	MIMO-Directional Panel	SMA Female	5G Low & 6G High + 5G Full & 5G High + 6G Full & 6G Low	Radio 1+Radio 2 +Radio 3	External Ant.
4	1/2/3/4	Extreme Networks	AIO-DQ15021-RPS MA	MIMO-Directional Panel	Reverse SMA	2.4G & 5G Low + 5G Full & 5G High	Radio 1+Radio 2	External Ant.
5	1	WNC	95XPAM15.G84	PIFA	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
6	2	WNC	95XPAM15.G85	PIFA	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
7	3	WNC	95XPAM15.G87	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
8	4	WNC	95XPAM15.G88	Alford loop	I-Pex	6G Full & 6G Low	Radio 3	Internal Ant.
9	1	WNC	95XPAM15.G56	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	Internal Ant.
10	2	WNC	95XPAM15.G57	PIFA	I-Pex	Scan 2.4G & 5G & 6G	Radio 4	Internal Ant.
11	1	WNC	95XPAM15.G53	PIFA	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
12	2	WNC	95XPAM15.G54	PIFA	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
13	3	WNC	95XPAM15.GAM	Alford loop	I-Pex	BT+802.15.4	Radio 5	Internal Ant.
14	4	Extreme Networks	AI-TS06360	Dipole	RP-SMA	BT+802.15.4	Radio 5	External Ant.
15	1	WNC	95XPAM15.G81	PIFA	I-Pex	UWB	Radio 6	Internal Ant.
16	2	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
17	3	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
18	4	WNC	95XPAM15.G82	Alford loop	I-Pex	UWB	Radio 6	Internal Ant.
19	1/2/3/4	Extreme Networks	AIO-HM25007	Spherical lens	N Male	5G Full & 6G Full	Radio 2+Radio 3	External Ant.



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Ant.	POL	Port	Antenna peak gain (dBi)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	2	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	3	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	4	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
	-	5	4.4	4.4	4.4	-	-	-	-	4.7	2.8	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	2	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	3	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	4	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
	-	5	-	4.4	4.4	5.2	5	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	2	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	3	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	4	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
	-	5	-	-	-	-	-	4.7	4.7	4.7	2.8	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	7	6	6	-	-	-	-	6	6	-	-	-
	H-POL	2	7	6	6	-	-	-	-	6	6	-	-	-
	V-POL	3	7	6	6	-	-	-	-	6	6	-	-	-
	H-POL	4	7	6	6	-	-	-	-	6	6	-	-	-
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	6	6	6	6	-	-	-	-	-	-	-
	H-POL	2	-	6	6	6	6	-	-	-	-	-	-	-
	V-POL	3	-	6	6	6	6	-	-	-	-	-	-	-
	H-POL	4	-	6	6	6	6	-	-	-	-	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	6	6	6	6	-	-	-
	H-POL	2	-	-	-	-	-	6	6	6	6	-	-	-
	V-POL	3	-	-	-	-	-	6	6	6	6	-	-	-
	H-POL	4	-	-	-	-	-	6	6	6	6	-	-	-
Ant 3 Radio 1 5G Low 6G High	- 45 POL	1	-	17	17	-	-	-	-	17	17	-	-	-
	+ 45 POL	2	-	17	17	-	-	-	-	17	17	-	-	-
	+ 45 POL	3	-	17	17	-	-	-	-	17	17	-	-	-
	- 45 POL	4	-	17	17	-	-	-	-	17	17	-	-	-
Ant 3 Radio 2 5G Full 5G High	- 45 POL	1	-	17	17	17	17	-	-	-	-	-	-	-
	+ 45 POL	2	-	17	17	17	17	-	-	-	-	-	-	-
	+ 45 POL	3	-	17	17	17	17	-	-	-	-	-	-	-
	- 45 POL	4	-	17	17	17	17	-	-	-	-	-	-	-
Ant 3 Radio 3 6G Full 6G Low	- 45 POL	1	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	2	-	-	-	-	-	17	17	17	17	-	-	-
	+ 45 POL	3	-	-	-	-	-	17	17	17	17	-	-	-
	- 45 POL	4	-	-	-	-	-	17	17	17	17	-	-	-



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Report No. : FA5O0964-13

Ant.	POL	Port	Antenna peak gain (dBi)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	11.1	15	15	-	-	-	-	-	-	-	-	-
	H-POL	2	11.1	15	15	-	-	-	-	-	-	-	-	-
	V-POL	3	11.1	15	15	-	-	-	-	-	-	-	-	-
	H-POL	4	11.1	15	15	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	15	15	15	15	-	-	-	-	-	-	-
	H-POL	2	-	15	15	15	15	-	-	-	-	-	-	-
	V-POL	3	-	15	15	15	15	-	-	-	-	-	-	-
	H-POL	4	-	15	15	15	15	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	5.8	4.39	4.54	5.28	-	-	-
Ant 6	-	2	-	-	-	-	-	4.31	5.13	4.62	4.43	-	-	-
Ant 7	-	3	-	-	-	-	-	5.41	5.06	3.5	4.6	-	-	-
Ant 8	-	4	-	-	-	-	-	4.15	3.89	2.42	3.55	-	-	-
Ant 9	-	1	2.42	4.11	4.34	5.46	3.49	3.46	4.88	5.13	4.76	-	-	-
Ant 10	-	2	2.86	3.32	3.52	3.7	4.34	5.68	4.13	4.75	4.59	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	3.6	3.6	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	5.7	5.7	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	2.7	2.7	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	3.04	3.04	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	4.7
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	5.4
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	4.8
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	4.4
Ant 19 Radio 2 5G Full	+ 45 POL	1	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
	- 45 POL	2	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
	+ 45 POL	3	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
	- 45 POL	4	-	22.3	22.3	22.3	22.3	-	-	-	-	-	-	-
Ant 19 Radio 3 6G Full	+ 45 POL	1	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-
	- 45 POL	2	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-
	+ 45 POL	3	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-
	- 45 POL	4	-	-	-	-	-	22.3	22.3	22.3	22.3	-	-	-



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Ant.	POL	Port	Antenna cable loss (dB)																	
			Main PCB to External Antenna Connector Loss				Radio 1: Main PCB to External Antenna Connector Loss				Radio 3: Switch Board to External Antenna Connector Loss				Antenna 3 Cable Loss		Main PCB to External Antenna Connector Loss		UWB	
							Radio 3: Main PCB to Switch Board Loss													
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-5	UNII-6	UNII-7	UNII-8	5G Ant.	6G Ant.	BT	802.11 5.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	2	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	3	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	4	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	-	5	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	5	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	-	5	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	H-POL	2	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	V-POL	3	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
	H-POL	4	1.38	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	-	-	-	-	-
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	V-POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
	H-POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	H-POL	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	V-POL	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
	H-POL	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	-	-	-	-
Ant 3 Radio 1 5G Low 6G High	-45 POL	1	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
	+45 POL	2	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
	+45 POL	3	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
	-45 POL	4	-	1.86	1.86	-	-	-	-	2.18	2.18	-	-	-	-	0.75	0.84	-	-	-
Ant 3 Radio 2 5G Full 5G High	-45 POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	+45 POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	+45 POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
	-45 POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	0.75	-	-	-	-
Ant 3 Radio 3 6G Full 6G Low	-45 POL	1	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-
	+45 POL	2	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-
	+45 POL	3	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-
	-45 POL	4	-	-	-	-	-	2.73	2.73	2.73	2.73	1.86	1.86	1.86	1.86	-	0.84	-	-	-



Ant.	POL	Port	Antenna cable loss (dB)																		
			Main PCB to External Antenna Connector Loss					Radio 1: Main PCB to External Antenna Connector Loss Radio 3: Main PCB to Switch Board Loss					Radio 3: Switch Board to External Antenna Connector Loss				Antenna 3 Cable Loss		Main PCB to External Antenna Connector Loss		UWB
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-5	UNII-6	UNII-7	UNII-8	5G Ant.	6G Ant.	BT	802.11 5.4	UWB	
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	2	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	V-POL	3	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	4	1.38	1.86	1.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	2	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	V-POL	3	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
	H-POL	4	-	2.25	2.25	2.25	2.25	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 5	-	1	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 6	-	2	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 7	-	3	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 8	-	4	-	-	-	-	-	2.73	2.73	2.73	2.73	-	-	-	-	-	-	-	-	-	
Ant 9	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 10	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 11	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 12	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 13	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 14	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.09	1.09	-	-	
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



RADIO EXPOSURE TEST REPORT

Report No. : FA5O0964-13

Ant.	POL	Port	Antenna cable loss (dB)																			
			Radio 3: Main PCB to Switch Board Loss				Radio 2 and Radio 3: Switch Board to External Antenna Connector Loss								Diplexer Board							
			UNII-5	UNII-6	UNII-7	UNII-8	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 19 Radio 2 5G Full	+ 45 POL	1	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
	- 45 POL	2	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
	+ 45 POL	3	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
	- 45 POL	4	-	-	-	-	2.48	2.48	2.48	2.48	-	-	-	-	3.7	3.3	2.9	3.3	-	-	-	-
Ant 19 Radio 3 6G Full	+ 45 POL	1	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4
	- 45 POL	2	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4
	+ 45 POL	3	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4
	- 45 POL	4	2.73	2.73	2.73	2.73	-	-	-	-	2.28	2.28	2.28	2.28	-	-	-	-	4	3.7	3.6	3.4

Ant.	POL	Port	Antenna Net Gain (dB)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 1 Radio 1 2.4G 5G Low 6G High	-	1	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	2	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	3	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	4	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
	-	5	3.02	2.54	2.54	-	-	-	-	2.52	0.62	-	-	-
Ant 1 Radio 2 5G Full 5G High	-	1	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	2	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	3	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	4	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
	-	5	-	2.15	2.15	2.95	2.75	-	-	-	-	-	-	-
Ant 1 Radio 3 6G Full 6G Low	-	1	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	2	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	3	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	4	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
	-	5	-	-	-	-	-	0.11	0.11	0.11	-1.79	-	-	-
Ant 2 Radio 1 2.4G 5G Low 6G High	V-POL	1	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
	H-POL	2	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
	V-POL	3	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
	H-POL	4	5.62	4.14	4.14	-	-	-	-	3.82	3.82	-	-	-
Ant 2 Radio 2 5G Full 5G High	V-POL	1	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
	H-POL	2	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
	V-POL	3	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
	H-POL	4	-	3.75	3.75	3.75	3.75	-	-	-	-	-	-	-
Ant 2 Radio 3 6G Full 6G Low	V-POL	1	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
	H-POL	2	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
	V-POL	3	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
	H-POL	4	-	-	-	-	-	1.41	1.41	1.41	1.41	-	-	-
Ant 3 Radio 1 5G Low 6G High	- 45 POL	1	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
	+ 45 POL	2	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
	+ 45 POL	3	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
	- 45 POL	4	-	14.39	14.39	-	-	-	-	13.98	13.98	-	-	-
Ant 3 Radio 2 5G Full 5G High	- 45 POL	1	-	14	14	14	14	-	-	-	-	-	-	-
	+ 45 POL	2	-	14	14	14	14	-	-	-	-	-	-	-
	+ 45 POL	3	-	14	14	14	14	-	-	-	-	-	-	-
	- 45 POL	4	-	14	14	14	14	-	-	-	-	-	-	-
Ant 3 Radio 3 6G Full 6G Low	- 45 POL	1	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
	+ 45 POL	2	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
	+ 45 POL	3	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-
	- 45 POL	4	-	-	-	-	-	11.57	11.57	11.57	11.57	-	-	-



RADIO EXPOSURE TEST REPORT

Report No. : FA500964-13

Ant.	POL	Port	Antenna Net Gain (dB)											
			2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BT	802.15.4	UWB
Ant 4 Radio 1 2.4G 5G Low	V-POL	1	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	H-POL	2	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	V-POL	3	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
	H-POL	4	9.72	13.14	13.14	-	-	-	-	-	-	-	-	-
Ant 4 Radio 2 5G Full 5G High	V-POL	1	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	H-POL	2	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	V-POL	3	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
	H-POL	4	-	12.75	12.75	12.75	12.75	-	-	-	-	-	-	-
Ant 5	-	1	-	-	-	-	-	3.07	1.66	1.81	2.55	-	-	-
Ant 6	-	2	-	-	-	-	-	1.58	2.4	1.89	1.7	-	-	-
Ant 7	-	3	-	-	-	-	-	2.68	2.33	0.77	1.87	-	-	-
Ant 8	-	4	-	-	-	-	-	1.42	1.16	-0.31	0.82	-	-	-
Ant 9	-	1	2.42	4.11	4.34	5.46	3.49	3.46	4.88	5.13	4.76	-	-	-
Ant 10	-	2	2.86	3.32	3.52	3.7	4.34	5.68	4.13	4.75	4.59	-	-	-
Ant 11	-	1	-	-	-	-	-	-	-	-	-	3.6	3.6	-
Ant 12	-	2	-	-	-	-	-	-	-	-	-	5.7	5.7	-
Ant 13	-	3	-	-	-	-	-	-	-	-	-	2.7	2.7	-
Ant 14	-	4	-	-	-	-	-	-	-	-	-	1.95	1.95	-
Ant 15	-	1	-	-	-	-	-	-	-	-	-	-	-	4.7
Ant 16	-	2	-	-	-	-	-	-	-	-	-	-	-	5.4
Ant 17	-	3	-	-	-	-	-	-	-	-	-	-	-	4.8
Ant 18	-	4	-	-	-	-	-	-	-	-	-	-	-	4.4
Ant 19 Radio 2 5G Full	+ 45 POL	1	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
	- 45 POL	2	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
	+ 45 POL	3	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
	- 45 POL	4	-	16.12	16.52	16.92	16.52	-	-	-	-	-	-	-
Ant 19 Radio 3 6G Full	+ 45 POL	1	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-
	- 45 POL	2	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-
	+ 45 POL	3	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-
	- 45 POL	4	-	-	-	-	-	13.29	13.59	13.69	13.89	-	-	-

Ant.	Items	Composite Gain (dBi) for 4TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 5~8 Radio 3 6G Full 6G Low	DG [1SS]	-	-	-	-	-	6.11	5.89	4.62	5.39
	DG [4SS]	-	-	-	-	-	5.8	5.13	4.62	5.28

Ant.	Items	Composite Gain (dBi) for 2TX								
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
Ant 5~8 Radio 3 6G Full 6G Low	DG [1SS]	-	-	-	-	-	6.33	6.5	5.7	5.91
	DG [2SS]	-	-	-	-	-	5.8	5.13	4.62	5.28
Ant 9~10 Radio 4 Scan	DG [1SS]	4.23	5.88	6.57	7.04	5.34	5.85	4.88	5.32	4.76
	DG [2SS]	2.86	4.11	4.34	5.46	4.34	5.68	4.88	5.13	4.76

Note 1: The EUT has nineteen antennas.

Note 2: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

Note 3: BT= Bluetooth.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/4RX) (Radio 1)

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 1)

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 1)

Ant. 1 or Ant. 2 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 9~10 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 1_Low and)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 1_Low and)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 1_Low and)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 or Ant.19 could transmit/receive.

For IEEE 802.11 a/n/ac/ax/be mode (2TX/4RX) (Radio 2)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 or Ant.19 could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) (Radio 2)

Ant. 1 or Ant. 2 or Ant.3 or Ant.4 or Ant.19 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)

Ant. 9~10 could transmit/receive simultaneously.

**For 6GHz function:**

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 1_High Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 1_High Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 1_High Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3_Low Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive.

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3_Low Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3_Low Band)
Ant. 1 or Ant. 2 or Ant.3 could transmit/receive simultaneously.

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (1TX/4RX) (Radio 3)
Ant. 1 or Ant. 2 or Ant.3 or Ant.19 could transmit/receive.

Ant. 5 could transmit/receive.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)
Ant. 1 or Ant. 2 or Ant.3 or Ant.19 could transmit/receive simultaneously.

Ant. 5~6 could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)
Ant. 1 or Ant. 2 or Ant.3 or Ant.19 could transmit/receive simultaneously.

Ant. 5~8 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Scan Radio)
Ant. 9~10 could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)
Ant. 11 or Ant.12 or Ant 13 or Ant 14 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)
Ant. 11 or Ant.12 or Ant 13 or Ant 14 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 and it was recorded in this test report.

For UWB function(2TX/4RX):

Ant. 15 and Ant 17 could transmit. Ant. 15~18 could receive.

Note 4: Directional gain information (Ant 1~4, 19)

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SI}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SI}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SI}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.3 Table for EUT Support Function

Function
AP
Bridge
Mesh

Note: The above information was declared by manufacturer.

1.4 Table for Radio Function

Radio (R)	WLAN 2.4GHz	5GHz	Scanning radio (WLAN 2.4GHz / 5GHz / 6GHz)	6GHz	Bluetooth / IEEE802.15.4	UWB
R1	V (AP, Bridge, Mesh)	V (AP for UNII 1~2A, Bridge, Mesh for UNII 1)	-	V (AP for 6GHz UNII 7~8/6SD External ant.)	-	-
R2	-	V (AP for UNII 1~3 or UNII 2C~3 / Bridge, Mesh for UNII 3)	-	-	-	-
R3	-	-	-	V (AP for 6GHz UNII 5~8 or UNII 5/6ID Internal ant.&6SD External ant.)	-	-
R4	-	-	V (AP, for 2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8/6ID Internal ant.&6SD Internal ant.)	-	-	-
R5	-	-	-	-	V	-
R6	-	-	-	-	-	V

Note 1: The above information was declared by manufacturer.

Note 2: R means Radio



1.5 Accessories

Bracket*1

1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FA5O964-06

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add external Ant.19 for Radio 2 and Radio 3 (Standard Power Access Point mode only).	RF Exposure of Ant.19.

Note: Other test results were based on the original test report.

1.7 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR Part 2.1091
- ♦ KDB 447498 D04 Interim General RF Exposure Guidance v01

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ 47 CFR Part 1.1307
- ♦ 47 CFR Part 1.1310

1.8 Testing Location

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.

Note: The tested sample of the EUT with ant.19 was received on Jan. 17, 2026.



2 Maximum Permissible Exposure

2.1 Limit of Maximum Permissible Exposure

(A) Limits for Occupational / Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	*(100)	<6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1500	-	-	f/300	<6
1500-100,000	-	-	5	<6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/ cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1500	-	-	f/1500	<30
1500-100,000	-	-	1.0	<30

Note: f = frequency in MHz ; *Plane-wave equivalent power density

2.2 MPE Calculation Method

The MPE was calculated at 72 cm to show compliance with the power density limit.

The following formula was used to calculate the Power Density:

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } Pd \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$Pd = \frac{30 \times P \times G}{377 \times d^2}$$



2.3 MPE Exemption

Option (A): 1.1307(b)(3)(i)(A): Available maximum time-averaged power is < 1 mW

Option (B): 1.1307(b)(3)(i)(B): Device operates between 300 MHz and 6 GHz and the maximum time-averaged power or effective radiated power (ERP), whichever is greater, <= Pth.

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the separation distance (cm);

Option (C): 1.1307(b)(3)(i)(C): ERP is below a threshold calculated based on the distance

R between the person and the antenna / radiating structure, where $R > \lambda / 2 \pi$.

Single RF Sources Subject to Routine Environmental Evaluation	
RF Source frequency (MHz)	Threshold ERP (watts)
0.3-1.34	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2 f$.
1,500-100,000	$19.2 R^2$.
Note: R is in meters, f is in MHz.	



2.4 Calculated Result and Limit

Exposure Environment: General Population / Uncontrolled Exposure

2.4GHz WLAN < AI-TP05360 >

Non-Beamforming_Radio 1_1T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	3.02	20.23	21.10	0.01	129.122	72	C	9953.3	0.0130
2.4G;D1D	3.02	20.18	21.05	0.01	127.644	72	C	9953.3	0.0128

Non-Beamforming_Radio 1_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	3.02	22.80	23.67	0.01	233.346	72	C	9953.3	0.0235
2.4G;D1D	3.02	23.25	24.12	0.01	258.821	72	C	9953.3	0.0260

Non-Beamforming_Radio 1_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	3.02	23.00	23.87	0.01	244.343	72	C	9953.3	0.0246

Non-Beamforming_Radio 1_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	3.02	26.02	26.89	0.01	489.779	72	C	9953.3	0.0492
2.4G;D1D	3.02	25.53	26.40	0.01	437.522	72	C	9953.3	0.0440

Non-Beamforming_Radio 1_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	3.02	25.15	26.02	0.01	400.867	72	C	9953.3	0.0403

**2.4GHz WLAN < AI-TQ08055 >****Non-Beamforming_Radio 1_1T1S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	5.62	20.20	23.67	0.01	233.346	72	C	9953.3	0.0235
2.4G;D1D	5.62	19.51	22.98	0.01	199.067	72	C	9953.3	0.0200

Non-Beamforming_Radio 1_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	5.62	23.00	26.47	0.01	444.631	72	C	9953.3	0.0447
2.4G;D1D	5.62	22.86	26.33	0.01	430.527	72	C	9953.3	0.0433

Non-Beamforming_Radio 1_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	5.62	21.90	25.37	0.01	345.144	72	C	9953.3	0.0347

Non-Beamforming_Radio 1_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	5.62	25.99	29.46	0.01	885.116	72	C	9953.3	0.0890
2.4G;D1D	5.62	24.03	27.50	0.01	563.638	72	C	9953.3	0.0566

Non-Beamforming_Radio 1_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	5.62	24.16	27.63	0.01	580.764	72	C	9953.3	0.0584

**2.4GHz WLAN < AIO-DQ15021-RPSMA >****Non-Beamforming_Radio 1_1T1S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	20.63	28.20	0.01	662.217	72	C	9953.3	0.0666
2.4G;D1D	9.72	19.31	26.88	0.01	488.652	72	C	9953.3	0.0491

Non-Beamforming_Radio 1_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	23.63	31.20	0.01	1321.296	72	C	9953.3	0.1328
2.4G;D1D	9.72	21.52	29.09	0.01	812.831	72	C	9953.3	0.0817

Non-Beamforming_Radio 1_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	9.72	20.39	27.96	0.01	626.614	72	C	9953.3	0.0630

Non-Beamforming_Radio 1_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.3	0.2174
2.4G;D1D	9.72	23.04	30.61	0.01	1153.453	72	C	9953.3	0.1159

Non-Beamforming_Radio 1_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	9.72	23.34	30.91	0.01	1235.947	72	C	9953.3	0.1242

2.4GHz WLAN**Non-Beamforming_Scan Radio_2T1S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.3	0.0321
2.4G;D1D	2.82	22.91	23.58	0.01	228.560	72	C	9953.3	0.0230

Non-Beamforming_Scan Radio_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	2.82	22.70	23.37	0.01	217.771	72	C	9953.3	0.0219

**5GHz WLAN < AI-TP05360 >****Non-Beamforming_Radio 1_Full RU_1T1S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.54	19.79	20.18	0.01	104.472	72	C	9953.3	0.0105
5.3G;D1D	2.54	19.54	19.93	0.01	98.628	72	C	9953.3	0.0099

Non-Beamforming_Radio 1_Full RU_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.54	22.83	23.22	0.01	210.378	72	C	9953.3	0.0211
5.3G;D1D	2.54	22.14	22.53	0.01	179.473	72	C	9953.3	0.0180

Non-Beamforming_Radio 1_Full RU_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.54	22.66	23.05	0.01	202.302	72	C	9953.3	0.0203
5.3G;D1D	2.54	22.02	22.41	0.01	174.582	72	C	9953.3	0.0175

Non-Beamforming_Radio 1_Full RU_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.54	25.61	26.00	0.01	399.025	72	C	9953.3	0.0401
5.3G;D1D	2.54	23.34	23.73	0.01	236.592	72	C	9953.3	0.0238

Non-Beamforming_Radio 1_Full RU_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.54	25.62	26.01	0.01	399.945	72	C	9953.3	0.0402
5.3G;D1D	2.54	23.42	23.81	0.01	240.991	72	C	9953.3	0.0242

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.15	19.56	19.56	0.01	90.573	72	C	9953.3	0.0091
5.3G;D1D	2.15	19.09	19.09	0.01	81.283	72	C	9953.3	0.0082
5.6G;D1D	2.95	19.11	19.91	0.01	98.175	72	C	9953.3	0.0099
5.8G;D1D	2.75	20.17	20.77	0.01	119.674	72	C	9953.3	0.0120

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.15	22.62	22.62	0.01	183.231	72	C	9953.3	0.0184
5.3G;D1D	2.15	21.56	21.56	0.01	143.549	72	C	9953.3	0.0144
5.6G;D1D	2.95	22.04	22.84	0.01	192.752	72	C	9953.3	0.0194
5.8G;D1D	2.75	22.82	23.42	0.01	220.293	72	C	9953.3	0.0221

**Non-Beamforming_Radio 2_Full RU_2T2S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.15	22.13	22.13	0.01	163.682	72	C	9953.3	0.0165
5.3G;D1D	2.15	21.50	21.50	0.01	141.579	72	C	9953.3	0.0142
5.6G;D1D	2.95	21.73	22.53	0.01	179.473	72	C	9953.3	0.0180
5.8G;D1D	2.75	23.00	23.60	0.01	229.615	72	C	9953.3	0.0231

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.15	25.37	25.37	0.01	345.144	72	C	9953.3	0.0347
5.3G;D1D	2.15	23.20	23.20	0.01	209.411	72	C	9953.3	0.0210
5.6G;D1D	2.95	23.65	24.45	0.01	279.254	72	C	9953.3	0.0281
5.8G;D1D	2.75	25.62	26.22	0.01	419.759	72	C	9953.3	0.0422

Non-Beamforming_Radio 2_Full RU_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	2.15	24.49	24.49	0.01	281.838	72	C	9953.3	0.0283
5.3G;D1D	2.15	23.44	23.44	0.01	221.309	72	C	9953.3	0.0222
5.6G;D1D	2.95	23.76	24.56	0.01	286.418	72	C	9953.3	0.0288
5.8G;D1D	2.75	25.57	26.17	0.01	414.954	72	C	9953.3	0.0417

**5GHz WLAN < AI-TQ08055 >****Non-Beamforming_Radio 1_Full RU_1T1S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	4.14	19.79	21.78	0.01	151.008	72	C	9953.3	0.0152
5.3G:D1D	4.14	19.54	21.53	0.01	142.561	72	C	9953.3	0.0143

Non-Beamforming_Radio 1_Full RU_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	4.14	22.83	24.82	0.01	304.089	72	C	9953.3	0.0306
5.3G:D1D	4.14	22.14	24.13	0.01	259.418	72	C	9953.3	0.0261

Non-Beamforming_Radio 1_Full RU_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	4.14	22.66	24.65	0.01	292.415	72	C	9953.3	0.0294
5.3G:D1D	4.14	22.02	24.01	0.01	252.348	72	C	9953.3	0.0254

Non-Beamforming_Radio 1_Full RU_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	4.14	25.61	27.60	0.01	576.766	72	C	9953.3	0.0580
5.3G:D1D	4.14	23.59	25.58	0.01	362.243	72	C	9953.3	0.0364

Non-Beamforming_Radio 1_Full RU_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	4.14	25.62	27.61	0.01	578.096	72	C	9953.3	0.0581
5.3G:D1D	4.14	23.93	25.92	0.01	391.742	72	C	9953.3	0.0394

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	3.75	19.56	21.16	0.01	130.918	72	C	9953.3	0.0132
5.3G:D1D	3.75	18.71	20.31	0.01	107.647	72	C	9953.3	0.0108
5.6G:D1D	3.75	19.11	20.71	0.01	118.032	72	C	9953.3	0.0119
5.8G:D1D	3.75	20.17	21.77	0.01	150.661	72	C	9953.3	0.0151

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	3.75	22.90	24.50	0.01	282.488	72	C	9953.3	0.0284
5.3G:D1D	3.75	21.84	23.44	0.01	221.309	72	C	9953.3	0.0222
5.6G:D1D	3.75	22.04	23.64	0.01	231.739	72	C	9953.3	0.0233
5.8G:D1D	3.75	22.82	24.42	0.01	277.332	72	C	9953.3	0.0279

**Non-Beamforming_Radio 2_Full RU_2T2S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.75	22.13	23.73	0.01	236.592	72	C	9953.3	0.0238
5.3G;D1D	3.75	22.21	23.81	0.01	240.991	72	C	9953.3	0.0242
5.6G;D1D	3.75	22.29	23.89	0.01	245.471	72	C	9953.3	0.0247
5.8G;D1D	3.75	23.00	24.60	0.01	289.068	72	C	9953.3	0.0291

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.75	25.13	26.73	0.01	472.063	72	C	9953.3	0.0474
5.3G;D1D	3.75	23.91	25.51	0.01	356.451	72	C	9953.3	0.0358
5.6G;D1D	3.75	23.77	25.37	0.01	345.144	72	C	9953.3	0.0347
5.8G;D1D	3.75	25.62	27.22	0.01	528.445	72	C	9953.3	0.0531

Non-Beamforming_Radio 2_Full RU_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	3.75	24.49	26.09	0.01	407.380	72	C	9953.3	0.0409
5.3G;D1D	3.75	23.88	25.48	0.01	353.997	72	C	9953.3	0.0356
5.6G;D1D	3.75	23.94	25.54	0.01	358.922	72	C	9953.3	0.0361
5.8G;D1D	3.75	25.70	27.30	0.01	538.270	72	C	9953.3	0.0541

**5GHz WLAN < AIO-HQ17020 >****Non-Beamforming_Radio 1_Full RU_1T1S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.39	19.97	32.21	0.01	1667.247	72	C	9953.3	0.1676
5.3G:D1D	14.39	14.95	27.19	0.01	524.807	72	C	9953.3	0.0527

Non-Beamforming_Radio 1_Full RU_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.3	0.2149
5.3G:D1D	14.39	14.95	27.19	0.01	524.807	72	C	9953.3	0.0527

Non-Beamforming_Radio 1_Full RU_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.3	0.2149
5.3G:D1D	14.39	15.07	27.31	0.01	539.511	72	C	9953.3	0.0542

Non-Beamforming_Radio 1_Full RU_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.39	19.27	31.51	0.01	1419.058	72	C	9953.3	0.1426
5.3G:D1D	14.39	14.98	27.22	0.01	528.445	72	C	9953.3	0.0531

Non-Beamforming_Radio 1_Full RU_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.39	20.82	33.06	0.01	2027.683	72	C	9953.3	0.2038
5.3G:D1D	14.39	15.07	27.31	0.01	539.511	72	C	9953.3	0.0542

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.00	18.84	30.69	0.01	1174.898	72	C	9953.3	0.1181
5.3G:D1D	14.00	15.43	27.28	0.01	535.797	72	C	9953.3	0.0539
5.6G:D1D	14.00	15.46	27.31	0.01	539.511	72	C	9953.3	0.0542
5.8G:D1D	14.00	19.56	31.41	0.01	1386.756	72	C	9953.3	0.1394

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G:D1D	14.00	21.29	33.14	0.01	2065.380	72	C	9953.3	0.2076
5.3G:D1D	14.00	15.44	27.29	0.01	537.032	72	C	9953.3	0.0540
5.6G:D1D	14.00	15.46	27.31	0.01	539.511	72	C	9953.3	0.0542
5.8G:D1D	14.00	21.40	33.25	0.01	2118.361	72	C	9953.3	0.2129

**Non-Beamforming_Radio 2_Full RU_2T2S**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.00	20.99	32.84	0.01	1927.525	72	C	9953.3	0.1937
5.3G;D1D	14.00	15.46	27.31	0.01	539.511	72	C	9953.3	0.0542
5.6G;D1D	14.00	15.46	27.31	0.01	539.511	72	C	9953.3	0.0542
5.8G;D1D	14.00	21.42	33.27	0.01	2128.139	72	C	9953.3	0.2139

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.00	20.87	32.72	0.01	1874.995	72	C	9953.3	0.1884
5.3G;D1D	14.00	15.36	27.21	0.01	527.230	72	C	9953.3	0.0530
5.6G;D1D	14.00	15.46	27.31	0.01	539.511	72	C	9953.3	0.0542
5.8G;D1D	14.00	21.48	33.33	0.01	2157.744	72	C	9953.3	0.2169

Non-Beamforming_Radio 2_Full RU_4T4S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.00	21.46	33.31	0.01	2147.830	72	C	9953.3	0.2159
5.3G;D1D	14.00	15.39	27.24	0.01	530.884	72	C	9953.3	0.0534
5.6G;D1D	14.00	15.47	27.32	0.01	540.754	72	C	9953.3	0.0543
5.8G;D1D	14.00	21.47	33.32	0.01	2152.782	72	C	9953.3	0.2164

Non-Beamforming_Scan Radio_2T1S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.11	24.47	26.43	0.01	440.555	72	C	9953.3	0.0443
5.3G;D1D	4.34	23.88	26.07	0.01	405.509	72	C	9953.3	0.0408
5.6G;D1D	5.46	23.86	27.17	0.01	522.396	72	C	9953.3	0.0525
5.8G;D1D	4.34	24.83	27.02	0.01	504.661	72	C	9953.3	0.0507

Non-Beamforming_Scan Radio_2T2S

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	4.11	24.38	26.34	0.01	431.519	72	C	9953.3	0.0434
5.3G;D1D	4.34	23.94	26.13	0.01	411.150	72	C	9953.3	0.0413
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.3	0.0535
5.8G;D1D	4.34	24.79	26.98	0.01	500.035	72	C	9953.3	0.0503

5GHz WLAN <AIO-HM25007>**Non-Beamforming_Radio 2**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Distance (cm)	S (W/m ²)	Limit (W/m ²)	S/Limit Ratio
5.2G;D1D	16.12	16.45	30.42	0.01	1104.079	72	C	9953.4	0.1110
5.3G;D1D	16.52	13.43	27.80	0.01	603.949	72	C	9953.4	0.0607
5.6G;D1D	19.93	10.01	27.79	0.01	602.560	72	C	9953.4	0.0606
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411

**6GHz WLAN_6ID****Non-Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	3.82	29.22	30.89	0.01	1230.269	72	C	9953.3	0.1236

Non-Beamforming_Radio 3

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	1.41	29.07	28.33	0.01	682.339	72	C	9953.3	0.0686
6.7G;D1D	1.41	29.28	28.54	0.01	716.143	72	C	9953.3	0.0720

Non-Beamforming_Scan Radio

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.3	0.2433
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.3	0.2433

6GHz WLAN_6SD**Non-Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	3.82	29.24	30.91	0.01	1235.947	72	C	9953.3	0.1242

Non-Beamforming_Radio 3

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	13.69	22.26	33.80	0.01	2404.363	72	C	9953.4	0.2417

**Bluetooth < 95XPAM15.G54 >**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;BT-LE	5.70	7.90	11.45	0.01	13.996	72	C	9953.3	0.0014

Bluetooth < AI-TS06360 >

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;BT-LE	1.95	7.70	7.50	0.01	5.636	72	C	9953.3	0.0006

802.15.4 < 95XPAM15.G54 >

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;	5.70	12.92	16.47	0.01	44.463	72	C	9953.3	0.0045

802.15.4 < AI-TS06360 >

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;	1.95	12.55	12.35	0.01	17.219	72	C	9953.3	0.0017

UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
Ultra Wide Band;F1D	-	-	-21.87	0.01	0.007	72	C	9953.3	0.0001
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.3	0.0001

**2.4GHz WLAN < AI-TP05360 >****Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	9.04	24.59	31.48	0.01	1409.289	72	C	9953.3	0.1416

2.4GHz WLAN < AI-TQ08055 >**Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	8.63	23.68	30.16	0.01	1039.920	72	C	9953.3	0.1045

2.4GHz WLAN < AIO-DQ15021-RPSMA >**Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	12.73	22.74	33.32	0.01	2152.782	72	C	9953.3	0.2164

5GHz WLAN < AI-TP05360 >**Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	8.56	25.56	31.97	0.01	1577.611	72	C	9953.3	0.1586
5.3G;D1D	8.56	20.88	27.29	0.01	537.032	72	C	9953.3	0.0540

Beamforming_Radio 2

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	8.17	23.87	29.89	0.01	977.237	72	C	9953.3	0.0982
5.3G;D1D	8.17	21.28	27.30	0.01	538.270	72	C	9953.3	0.0541
5.6G;D1D	8.97	20.47	27.29	0.01	537.032	72	C	9953.3	0.0540
5.8G;D1D	8.77	25.62	32.24	0.01	1678.804	72	C	9953.3	0.1687

5GHz WLAN < AI-TQ08055 >**Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	7.15	25.56	30.56	0.01	1140.250	72	C	9953.3	0.1146
5.3G;D1D	7.15	22.31	27.31	0.01	539.511	72	C	9953.3	0.0542

Beamforming_Radio 2

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	6.76	24.93	29.54	0.01	901.571	72	C	9953.3	0.0906
5.3G;D1D	6.76	22.63	27.24	0.01	530.884	72	C	9953.3	0.0534
5.6G;D1D	6.76	22.65	27.26	0.01	533.335	72	C	9953.3	0.0536
5.8G;D1D	6.76	25.62	30.23	0.01	1056.818	72	C	9953.3	0.1062

**5GHz WLAN < AIO-HQ17020 >****Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	17.40	17.98	33.23	0.01	2108.628	72	C	9953.3	0.2119
5.3G;D1D	17.40	11.89	27.14	0.01	518.800	72	C	9953.3	0.0521

Beamforming_Radio 2

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	17.01	18.42	33.28	0.01	2133.045	72	C	9953.3	0.2144
5.3G;D1D	17.01	12.45	27.31	0.01	539.511	72	C	9953.3	0.0542
5.6G;D1D	17.01	12.45	27.31	0.01	539.511	72	C	9953.3	0.0542
5.8G;D1D	17.01	18.37	33.23	0.01	2108.628	72	C	9953.3	0.2119

6GHz WLAN_6ID**Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.3	0.2372

Beamforming_Radio 3

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	1.41	29.07	28.33	0.01	682.339	72	C	9953.3	0.0686
6.7G;D1D	1.41	29.21	28.47	0.01	704.693	72	C	9953.3	0.0708

5GHz WLAN <AIO-HM25007>**Beamforming_Radio 2**

Mode	DG (dBi)	Power (dBm)	EIRP (dBm)	Tolerance (dB)	Tune-up EIRP (dBm)	Distance (cm)	S (W/m ²)	Limit (W/m ²)	S/Limit Ratio
5.2G;D1D	19.13	12.94	29.92	0.01	984.011	72	C	9953.4	0.0989
5.3G;D1D	16.52	13.43	27.80	0.01	603.949	72	C	9953.4	0.0607
5.6G;D1D	19.93	10.01	27.79	0.01	602.560	72	C	9953.4	0.0606
5.8G;D1D	19.53	16.37	33.75	0.01	2376.840	72	C	9953.4	0.2389

6GHz WLAN_6SD**Beamforming_Radio 1**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.3	0.2372

Beamforming_Radio 3

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	13.69	22.26	33.80	0.01	2404.363	72	C	9953.4	0.2417

**Simultaneous Transmission Analysis Mode:****1. Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (2.4G)+BT+UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.4	0.2174
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.4	0.0321
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7349								
Ratio Limit	1								

2. Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (5G)+BT+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.4	0.2174
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.4	0.0535
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7563								
Ratio Limit	1								

3. Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (6G)+BT+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.4	0.2174
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.4	0.2433
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.9461								
Ratio Limit	1								

4. Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (2.4G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.4	0.2174
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.4	0.0321
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.738								
Ratio Limit	1								

**5. Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (5G)+802.15.4+UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.4	0.2174
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.4	0.0535
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7594								
Ratio Limit	1								

6. Radio 1 (2.4G)+Radio 2 (5G Full)+Radio 3 (6G Full)+Radio 4 (6G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	9.72	25.77	33.34	0.01	2162.719	72	C	9953.4	0.2174
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.4	0.2433
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.9492								
Ratio Limit	1								

7. Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (2.4G)+BT+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.4	0.2149
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.4	0.0321
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7324								
Ratio Limit	1								

8. Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (5G)+BT+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.4	0.2149
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.4	0.0535
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7538								
Ratio Limit	1								

**9. Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (6G)+BT+UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.4	0.2149
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.4	0.2433
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.9436								
Ratio Limit	1								

10. Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (2.4G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.4	0.2149
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.4	0.0321
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7355								
Ratio Limit	1								

11. Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (5G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.4	0.2149
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.4	0.0535
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7569								
Ratio Limit	1								

12. Radio 1 (5G Low)+Radio 2 (5G High)+Radio 3 (6G Full)+Radio 4 (6G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.2G;D1D	14.39	21.05	33.29	0.01	2137.962	72	C	9953.4	0.2149
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.4	0.2433
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.9467								
Ratio Limit	1								

**13. Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (2.4G)+BT+UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.4	0.2372
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.4	0.0321
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7547								
Ratio Limit	1								

14. Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (5G)+BT+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.4	0.2372
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.4	0.0535
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7761								
Ratio Limit	1								

15. Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (6G)+BT+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.4	0.2372
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.4	0.2433
2.4G;BT-LE	5.70	7.9	11.45	0.01	13.996	72	C	9953.4	0.0014
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.9659								
Ratio Limit	1								

16. Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (2.4G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.4	0.2372
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
2.4G;G1D	2.82	24.36	25.03	0.01	319.154	72	C	9953.4	0.0321
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7578								
Ratio Limit	1								

**17. Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (5G)+802.15.4+UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.4	0.2372
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
5.6G;D1D	5.46	23.94	27.25	0.01	532.108	72	C	9953.4	0.0535
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.7792								
Ratio Limit	1								

18. Radio 1 (6G High)+Radio 2 (5G Full)+Radio 3 (6G Low)+Radio 4 (6G)+802.15.4+UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.7G;D1D	6.83	29.04	33.72	0.01	2360.478	72	C	9953.4	0.2372
5.8G;D1D	16.52	19.42	33.79	0.01	2398.833	72	C	9953.4	0.2411
6.2G;D1D	13.29	22.68	33.82	0.01	2415.461	72	C	9953.4	0.2428
6.7G;D1D	-	-	33.83	0.01	2421.029	72	C	9953.4	0.2433
2.4G;802.15.4	5.70	12.92	16.47	0.01	44.463	72	C	9953.4	0.0045
Ultra Wide Band;F1D	-	-	-20.96	0.01	0.008	72	C	9953.4	0.0001
Sum TL Ratio_C	0.969								
Ratio Limit	1								

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