



RADIO EXPOSURE TEST REPORT

FCC ID : 2AHBN-AP47

Equipment : Wi-Fi 7 Wireless Access Point

Brand Name : Juniper

Model Name : AP47, AP47E, AP47D

Applicant : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089 USA

Manufacturer : Juniper Networks, Inc.
1133 Innovation Way Sunnyvale, California 94089 USA

Standard : 47 CFR Part 2.1091

The product was received on Oct. 15, 2024, and testing was started from Oct. 16, 2024 and completed on Feb. 04, 2025. 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 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

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Photographs of EUT v01



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A1_1 Ver1.1



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:

1. 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.
2. The presented declaration output power of UWB for EUT in the report are provided by the manufacturer, and We, Sporton International Inc. Hsinchu Laboratory does not guarantee its accuracy.

Reviewed by: Sam Chen**Report Producer: Cathy Chiu**



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, 1024QAM) 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 5725-5895	5180-5250 5250-5320 5500-5720 5745-5825 5815-5885	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, 1024QAM) 802.11be: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM)
6GHz WLAN	5925-7125	5955-7095	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: GFSK
IEEE802.15.4 (Zigbee, Thread)	2400-2483.5	2405-2480	O-QPSK
UWB	3100-10600	7987.2	Pi/2 shift BPSK+ DSSS



1.2 Antenna Information

For EUT 1:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	2	Juniper	AP47	PIFA	IPEX	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-2A, WLAN 6GHz UNII 7-8 (Radio 3)
2	1	Juniper	AP47	PIFA	IPEX		
3	3	Juniper	AP47	PIFA	IPEX		
4	4	Juniper	AP47	PIFA	IPEX		
5	2	Juniper	AP47	Alford loop	IPEX		WLAN 5GHz UNII 1-2A or UNII 2C-4 (Radio 2)
6	1	Juniper	AP47	Alford loop	IPEX		
7	3	Juniper	AP47	Alford loop	IPEX		
8	4	Juniper	AP47	Alford loop	IPEX		
9	2	Juniper	AP47	PIFA	IPEX		WLAN 6GHz UNII 5 or UNII 6-8 (Radio 1)
10	1	Juniper	AP47	PIFA	IPEX		
11	3	Juniper	AP47	PIFA	IPEX		
12	4	Juniper	AP47	PIFA	IPEX		
13	2	Juniper	AP47	PIFA	IPEX		WLAN 2.4GHz, WLAN 5GHz UNII 1-4, WLAN 6GHz UNII 5-8 (Radio 4) (Scanning radio)
14	1	Juniper	AP47	PIFA	IPEX		
15	1	Juniper	AP47	PIFA	I-PEX		
16	1	Juniper	AP47	Slot	I-PEX		
17	1	Juniper	AP47	PIFA	I-PEX		Bluetooth (Radio 5)
18	1	Juniper	AP47	PIFA	IPEX		
19	2	Juniper	AP47	Patch	IPEX	4.7	
	3					1.4	
	4					1.8	
20	1	Juniper	AP47	PIFA	IPEX	2.9	GPS (Radio 7)

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)		WLAN 6GHz UNII 7-8 (Radio 3)
	2.45GHz	5.2GHz	5.3GHz	6.695GHz	6.995GHz
1	3.06	5.64	5.4	4.47	4.4
2	1.61	4.71	5.23	3.8	4
3	1.81	4.76	4.97	4.4	4.47
4	2.37	5.57	5.93	4.73	4.85
Ant.	WLAN 5GHz UNII 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
5	2.46	2.37	3.82	3.81	4.17
6	2.43	2.15	2.98	3.49	3.81
7	2.56	2.33	2.65	3.39	3.44
8	3.28	2.61	4.3	4	3.92
Ant.	WLAN 6GHz UNII 5-8 (Radio 1)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
9	3.76	2.79	3.31	4.3	
10	3.16	2.9	2.57	3.68	
11	4.33	3.72	3.13	4.23	
12	4.63	3.97	3.57	5.09	



Ant.	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
13	2.29	3.12	3.98	4.37	4.51	5.79	4.9	3.84	4.73	4.62
14	2.28	4.62	3.66	5.76	4.67	5.83	4.73	4.72	3.36	3.72
Ant.	Bluetooth (Radio 5)									
	Bluetooth array (Beam 1-Beam 8/Omni)					Bluetooth array (Beam 9)				
15	4.2					-				
16	-					3				
Ant.	802.15.4(Zigbee, Thread) (Radio 5)									
	3.9									

Item	Directional Gain (dBi)										
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)				WLAN 6GHz UNII 7-8 (Radio 3)				
	2.45GHz		5.2GHz		5.3GHz		6.695GHz		6.995GHz		
4T1S	5.27		7.04		7.06		8.84		9.09		
4T2S	3.06		5.64		5.93		5.84		6.09		
4T4S	3.06		5.64		5.93		4.73		4.85		
Item	WLAN 5GHz UNII 1-4 (Radio 2)										
	5.2GHz		5.3GHz		5.6GHz		5.785GHz		5.885GHz		
	4T1S		7.11		6.52		7.65		7.52		7.28
4T2S		4.11		3.52		4.65		4.52		4.28	
4T4S		3.28		2.61		4.3		4		4.17	
Item	WLAN 6GHz UNII 5-8 (Radio 1)										
	6.175GHz		6.475GHz			6.695GHz			6.995GHz		
	4T1S		7.65		7.01			6.42			7.54
4T2S		4.65		4.01			3.57			5.09	
4T4S		4.63		3.97			3.57			5.09	
Item	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))										
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
2T1S		4.59	5.03	5.57	6.24	5.74	6.86	5.9	5.09	4.73	4.62
2T2S		2.29	4.62	3.98	5.76	4.67	5.83	4.9	4.72	4.73	4.62

Note 2: The above information (excepting Ant. 1-14 antenna gain and directional gain) was declared by manufacturer.

Note 3: The EUT has twenty antennas.

The ant.15 is BLE array (Beam 1-Beam 8/Omni).

The ant.16 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

Note 4: Radio 1-4: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

For 6GHz (UNII 5 or UNII 6-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-2A or UNII 2C-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)

For 5GHz (UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz (UNII 7-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.



For Radio 4(Scanning radio):

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

For 5GHz (UNII 1-4) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

For 6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 5:

For Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 6:

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Radio 7:

For GPS (1RX)

Only Port 1 can be used as receiving antenna.



For EUT 2:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	2	Juniper	AP47D	Dipole	IPEX	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-2A, WLAN 6GHz UNII 7-8 (Radio 3)
2	1	Juniper	AP47D	Dipole	IPEX		
3	3	Juniper	AP47D	Dipole	IPEX		
4	4	Juniper	AP47D	Dipole	IPEX		
5	2	Juniper	AP47D	Patch	IPEX		WLAN 5GHz UNII 1-2A or UNII 2C-4 (Radio 2)
6	1	Juniper	AP47D	Patch	IPEX		
7	3	Juniper	AP47D	Patch	IPEX		
8	4	Juniper	AP47D	Patch	IPEX		
9	2	Juniper	AP47D	Patch	IPEX		WLAN 6GHz UNII 5 or UNII 6-8 (Radio 1)
10	1	Juniper	AP47D	Patch	IPEX		
11	3	Juniper	AP47D	Patch	IPEX		
12	4	Juniper	AP47D	Patch	IPEX		
13	2	Juniper	AP47D	Dipole	IPEX		WLAN 2.4GHz, WLAN 5GHz UNII 1-4, WLAN 6GHz UNII 5-8 (Radio 4) (Scanning radio)
14	1	Juniper	AP47D	Dipole	IPEX		
15	1	Juniper	AP47D	PIFA	I-PEX		
16	1	Juniper	AP47D	Slot	I-PEX		
17	1	Juniper	AP47D	Dipole	I-PEX		Bluetooth (Radio 5)
18	1	Juniper	AP47D	Patch	IPEX	6.7	
19	2	Juniper	AP47D	Patch	IPEX	3.4	
	3					0.7	
	4					3.1	
20	1	Juniper	AP47D	PIFA	IPEX	4.6	GPS (Radio 7)

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)		WLAN 6GHz UNII 7-8 (Radio 3)
	2.45GHz		5.2GHz	5.3GHz	6.695GHz
1	5.34		3.6	3.6	7.65
2	5.33		4.58	4.48	8.1
3	5.53		4.05	4.27	7.93
4	5.16		5.23	4.51	8.36
Ant.	WLAN 5GHz UNII 1-4 (Radio 2)				
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz
5	5.51	5.45	6.54	6.38	6.73
6	5.14	5.42	6.3	6.55	6.66
7	5.54	5.88	6.87	6.34	5.62
8	5.37	5.89	7.05	6.65	5.94
Ant.	WLAN 6GHz UNII 5-8 (Radio 1)				
	6.175GHz	6.475GHz	6.695GHz	6.995GHz	
9	7.86	7.99	6.72	7.15	
10	7.59	7.48	6.74	8.29	
11	5.81	6.3	5.48	6.44	
12	6.75	7.28	7.04	7.61	



Ant.	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
13	4.18	4.62	4.53	5.24	4.35	4.43	5.87	5.74	5.31	7.78
14	4.07	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17
Ant.	Bluetooth (Radio 5)									
	Bluetooth array (Beam 1-Beam 8/Omni)					Bluetooth array (Beam 9)				
15	4.3					-				
16	-					3.7				
Ant.	802.15.4(Zigbee, Thread) (Radio 5)									
	6.6									

Item	Directional Gain (dBi)									
	WLAN 2.4GHz (Radio 3)		WLAN 5GHz UNII 1-2A (Radio 3)				WLAN 6GHz UNII 7-8 (Radio 3)			
	2.45GHz		5.2GHz		5.3GHz		6.695GHz		6.995GHz	
4T1S	8.34		7.3		7.56		10.62		10.8	
4T2S	5.53		5.23		4.56		7.75		8.36	
4T4S	5.53		5.23		4.51		7.75		8.36	
Item	WLAN 5GHz UNII 1-4 (Radio 2)									
	5.2GHz		5.3GHz		5.6GHz		5.785GHz		5.885GHz	
	9		8.75		9.58		9.57		9.06	
4T1S	6		5.89		7.05		6.65		6.73	
4T2S	5.54		5.89		7.05		6.65		6.73	
4T4S										
Item	WLAN 6GHz UNII 5-8 (Radio 1)									
	6.175GHz		6.475GHz			6.695GHz			6.995GHz	
	10.14		10.42			9.72			10.76	
4T1S	7.86		7.99			7.04			8.29	
4T2S	7.86		7.99			7.04			8.29	
4T4S										
Item	WLAN 2.4GHz/5GHz UNII 1-4/WLAN 6GHz UNII 5-8 (Radio 4(Scanning radio))									
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	5.885GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.71	7.72	7.56	8.11	8.31	8.35	9.44	9.16	9.02	10.8
2T2S	4.18	5.08	4.76	5.6	6.15	6.29	7.08	6.68	6.97	8.17

Note 2: The above information (excepting Ant. 1-14 antenna gain and directional gain) was declared by manufacturer.

Note 3: The EUT has twenty antennas.

The ant.15 is BLE array (Beam 1-Beam 8/Omni).

The ant.16 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

Note 4: Radio 1-4: Maximum Directional Gain following KDB662911 D03.

For Radio 1:

For 6GHz (UNII 5 or UNII 6-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-2A or UNII 2C-4) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)

For 5GHz (UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz (UNII 7-8) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.



For Radio 4(Scanning radio):

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

For 5GHz (UNII 1-4) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

For 6GHz (UNII 5-8) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 5:

For Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 6:

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Radio 7:

For GPS (1RX)

Only Port 1 can be used as receiving antenna.



For EUT 3:

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	1	AccelTex	ATS-OP-2456-81010-14MPC-36	Patch	6MPC-WHT	Note 1	WLAN 2.4GHz, WLAN 5GHz UNII 1-2A, WLAN 6GHz UNII 7 (Radio 3)
	2						
	3						
	4						
	1				4MPC		WLAN 5GHz UNII 1-2A or UNII 2C-3 (Radio 2)
	2						
	3						
	4						
	1				6MPC-BLK		WLAN 6GHz UNII 5 or UNII 7 (Radio 1)
	2						
	3						
	4						
	1				6MPC-BLK		WLAN 2.4GHz, WLAN 5GHz UNII 1-3, WLAN 6GHz UNII 5, 7 (Radio 4) (Scanning radio)
	2						
3							
4							
2	1	Juniper	AP47E	PIFA	I-PEX	Bluetooth (Radio 5)	
3	1	Juniper	AP47E	Slot	I-PEX		
4	1	Juniper	AP47E	PIFA	I-PEX		
5	1	Juniper	AP47E	PIFA	IPEX	4.7	UWB (Radio 6)
6	2	Juniper	AP47E	Patch	IPEX	1.4	
	3					2.1	
	4					1.7	
7	1	Juniper	AP47E	PIFA	IPEX	3.3	GPS (Radio 7)

Note 1:

Ant.	RF Port	Antenna Gain (dBi)		
		WLAN 2.4GHz (Radio 3)	WLAN 5GHz UNII 1-2A (Radio 3)	WLAN 6GHz UNII 7 (Radio 3)
1	1	8.46	10.01	10
	2	8.46	10.01	10
	3	8.46	10.01	10
	4	8.46	10.01	10
Ant.	RF Port	WLAN 5GHz UNII 1-3 (Radio 2)		
		WLAN 5GHz UNII 1-3 (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 2)	WLAN 5GHz UNII 1-3 (Radio 2)
1	1	9.93	9.93	9.93
	2	9.93	9.93	9.93
	3	9.93	9.93	9.93
	4	9.93	9.93	9.93



Ant.	RF Port	WLAN 6GHz UNII 5 or UNII 7 (Radio 1)		
1	1	10.57		
	2	10.57		
	3	10.57		
	4	10.57		
	RF Port	WLAN 2.4GHz/5GHz UNII 1-3/WLAN 6GHz UNII 5, 7 (Radio 4(Scanning radio))		
		WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
	1	7.8	9.5	10
	2	7.8	9.5	10
Ant.	Bluetooth (Radio 5)			
	Bluetooth array (Beam 1-Beam 8/Omni)		Bluetooth array (Beam 9)	
2	4.0		-	
3	-		2.8	
Ant.	802.15.4(Zigbee, Thread) (Radio 5)			
4	4.1			

Note 2: Directional gain information for Radio 1-3

Type	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 ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ANT}} \left(\sum_{k=1}^{N_{ANT}} g_{j,k} \right)^2}{N_{ANT}} \right]$$

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,2) = 10^{G3/20} ; NSS1(g1,2) = 10^{G4/20}$$

$$gj,k = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

Radio 1:

6G UNII-5 G1 = 10.57 dBi; G2 = 10.57 dBi; G3 = 10.57 dBi; G4 = 10.57 dBi

6G UNII-7 G1 = 10.57 dBi; G2 = 10.57 dBi; G3 = 10.57 dBi; G4 = 10.57 dBi

6G UNII-5 DG = 13.58 dBi

6G UNII-7 DG = 13.58 dBi

Radio 2:

5G UNII-1 G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-2A G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-2C G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-3 G1 = 9.93 dBi; G2 = 9.93 dBi; G3 = 9.93 dBi; G4 = 9.93 dBi

5G UNII-1 DG = 12.94 dBi

5G UNII-2A DG = 12.94 dBi

5G UNII-2C DG = 12.94 dBi

5G UNII-3 DG = 12.94 dBi

Radio 3:

2.4G G1 = 8.46 dBi; G2 = 8.46 dBi; G3 = 8.46 dBi; G4 = 8.46 dBi

5G UNII-1 G1 = 10.01 dBi; G2 = 10.01 dBi; G3 = 10.01 dBi; G4 = 10.01 dBi

5G UNII-2A G1 = 10.01 dBi; G2 = 10.01 dBi; G3 = 10.01 dBi; G4 = 10.01 dBi

6G UNII-7 G1 = 10 dBi; G2 = 10 dBi; G3 = 10 dBi; G4 = 10 dBi

2.4G DG = 11.47 dBi

5G UNII-1 DG = 13.02 dBi

5G UNII-2A DG = 13.02 dBi

6G UNII-7 DG = 13.01 dBi



Note 3: The above information was declared by manufacturer.

Note 4: The EUT has seven antennas.

The ant. 2 is BLE array (Beam 1-Beam 8/Omni).

The ant. 3 is BLE array (Beam 9).

Beam 1-Beam 8, Omni, and Beam 9 can't operate simultaneously.

Note 5: The ant. 1 is the cross-polarized antenna.

The ant. 1 (6MPC-WHT connector and 4MPC connector): Vertical*2, Horizontal*2; the array gain only add $10\log(2)$.

The ant. 1 (6MPC-BLK connector) for radio 1: Vertical*2, Horizontal*2; the array gain only add $10\log(2)$.

The ant. 1 (6MPC-BLK connector) for radio 4: Vertical*1, Horizontal*1; it doesn't need to evaluate array gain.

Note 6: Radio 1-3: Maximum Directional Gain following KDB662911 D01.

For Radio 1:

For 6GHz (UNII 5 or UNII 7) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 2:

For 5GHz (UNII 1-2A or UNII 2C-3) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 3:

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (4TX/4RX)

For 5GHz (UNII 1-2A) IEEE 802.11a/n/ac/ax/be mode (4TX/4RX)

For 6GHz (UNII 7) IEEE 802.11ax/be mode (4TX/4RX)

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For Radio 4(Scanning radio):

For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (2TX/2RX)

For 5GHz (UNII 1-3) IEEE 802.11a/n/ac/ax/be mode (2TX/2RX)

For 6GHz (UNII 5, 7) IEEE 802.11ax/be mode (2TX/2RX)

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For Radio 5:

For Bluetooth and 802.15.4(Zigbee, Thread) mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving antenna.

For Radio 6:

For UWB mode (2TX/4RX):

For 2TX

Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Radio 7:

For GPS (1RX)

Only Port 1 can be used as receiving antenna.



1.3 Table for Multiple Listing

EUT	Model Name	WLAN 5GHz UNII 4	WLAN 6GHz	Wi-Fi antenna	UWB antenna (PDoA)	UWB antenna (TWR)	802.15.4 (Zigbee, Thread) antenna	Bluetooth antenna	GPS antenna	Description
1	AP47	Support	Support	Internal Antenna	The same	AP47/ AP47E the same	AP47/ AP47E the same	The same	AP47/ AP47E the same	-
2	AP47D	Support	Support	Internal Antenna	The same	Not the same	Not the same	The same	Not the same	The difference with AP47 is only in Wi-Fi, UWB(TWR), 802.15.4(Zigbee, Thread) and GPS antenna.
3	AP47E	Non Support	Non Support	External Antenna	The same	AP47/ AP47E the same	AP47/ AP47E the same	The same	AP47/ AP47E the same	-

Note1: All models are identical to each other in all aspects except for the listing table.

Note2: The above information was declared by manufacturer.

1.4 Table for Radio function

For EUT 1 and EUT 2:

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	802.15.4 (Zigbee, Thread)	UWB	GPS
1	-	-	V (UNII 5 or UNII 6-8)	-	-	-	-
2	-	V (UNII 1-2A or UNII2C-4)	-	-	-	-	-
3	V	V (UNII 1-2A)	V (UNII 7-8)	-	-	-	-
4 (Scanning radio)	V	V (UNII 1-4)	V (UNII 5-8)	-	-	-	-
5	-	-	-	V	V	-	-
6	-	-	-	-	-	V	-
7	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: For WLAN 2.4GHz: The Radio 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 2, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 6GHz: The Radio 1, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For EUT 3:

Function Radio	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	802.15.4 (Zigbee, Thread)	UWB	GPS
1	-	-	-	-	-	-	-
2	-	V (UNII 1-2A or UNII2C-3)	-	-	-	-	-
3	V	V (UNII 1-2A)	-	-	-	-	-
4 (Scanning radio)	V	V (UNII 1-3)	-	-	-	-	-
5	-	-	-	V	V	-	-
6	-	-	-	-	-	V	-
7	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: The Radio 1 is not enabled.

Note3: For WLAN 2.4GHz: The Radio 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

For WLAN 5GHz: The Radio 2, 3 and Radio 4(Scanning radio) can't operate at the same frequency simultaneously.

1.5 Table for EUT Operation Function

Mode	Operation Function
1	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth+R6:UWB
2	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
3	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
4	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
5	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
6	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
7	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
8	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
9	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
10	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
11	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
12	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
13	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
14	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
15	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
16	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
17	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
18	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
19	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
20	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
21	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
22	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
23	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
24	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
25	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
26	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
27	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
28	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
29	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
30	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
31	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
32	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
33	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
34	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
35	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
36	EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
37	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
38	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
39	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB



40	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
41	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
42	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
43	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
44	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
45	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
46	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
47	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
48	EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
49	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth+R6:UWB
50	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
51	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
52	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
53	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
54	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
55	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
56	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
57	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
58	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
59	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
60	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
61	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
62	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
63	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
64	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB
65	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
66	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
67	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
68	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
69	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
70	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB
71	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
72	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
73	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
74	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
75	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
76	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB
77	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
78	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
79	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB
80	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
81	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
82	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB



83	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
84	EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
85	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
86	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
87	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
88	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
89	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
90	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
91	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+R6:UWB
92	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB
93	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB
94	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB
95	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB
96	EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB
97	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
98	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
99	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB
100	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
101	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
102	EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB
103	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB
104	EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB
105	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Bluetooth+R6:UWB
106	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB
107	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Zigbee+R6:UWB
108	EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB

Note1: R means Radio.

Note2: The above information was declared by manufacturer.



1.6 Accessories

Accessories
Bracket*1
Antenna Bracket of Ant. 1 (Used for EUT 3) Note

Note: Optional, not sold with EUT.

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.



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 EUT 1: 58 cm and EUT 2, 3: 62 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

For EUT 1:

For Radio 1:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
6.7G;D1D	6.42	23.25	27.52	0.32	608.135	58	C	6458.88	0.09415
7.0G;D1D	7.54	19.83	25.22	0.5	373.250	58	C	6458.88	0.05779

For 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	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
5.3G;D1D	6.52	23.44	27.81	0.03	608.135	58	C	6458.88	0.09415
5.6G;D1D	7.65	22.31	27.81	0.03	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.81G;D1D	7.28	28.46	33.59	0.25	2421.029	58	C	6458.88	0.37484

For Radio 3:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
5.3G;D1D	5.93	23.94	27.72	0.12	608.135	58	C	6458.88	0.09415
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
7.0G;D1D	9.09	18.84	25.78	0.5	424.620	58	C	6458.88	0.06574

**For Scanning Radio 4**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
5.2G;D1D	4.62	25.51	27.98	0.5	704.693	58	C	6458.88	0.10910
5.3G;D1D	3.98	23.71	25.54	0.5	401.791	58	C	6458.88	0.06221
5.6G;D1D	5.76	23.96	27.57	0.27	608.135	58	C	6458.88	0.09415
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
5.81G;D1D	5.83	26.45	30.13	0.5	1156.112	58	C	6458.88	0.17900
6.2G;D1D	4.9	23.93	26.68	0.5	522.396	58	C	6458.88	0.08088
6.4G;D1D	4.72	24.14	26.71	0.5	526.017	58	C	6458.88	0.08144
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
7.0G;D1D	4.62	22.24	24.71	0.5	331.894	58	C	6458.88	0.05139

For Radio 5:

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	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315

For Radio 6:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001

Note:

Mode	EIRP PSD-AV (dBm/MHz)	OBW (MHz)	EIRP (dBm)	ERP (dBm)
Radio 6	-45.75	499.2	-18.77	-20.92

**For EUT 2:****For Radio 1:**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
6.4G;D1D	10.42	19.4	27.67	0.17	608.135	62	C	7380.48	0.08240
6.7G;D1D	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
7.0G;D1D	10.76	17.17	25.78	0.5	424.620	62	C	7380.48	0.05753

For 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	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
5.3G;D1D	8.75	21.14	27.74	0.1	608.135	62	C	7380.48	0.08240
5.6G;D1D	7.05	22.88	27.78	0.06	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.81G;D1D	9.06	26.9	33.81	0.03	2421.029	62	C	7380.48	0.32803

For Radio 3:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
5.3G;D1D	7.56	22.39	27.8	0.04	608.135	62	C	7380.48	0.08240
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
7.0G;D1D	10.8	16.03	24.68	0.5	329.610	62	C	7380.48	0.04466

**For Scanning Radio 4**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
5.2G;D1D	5.08	26.42	29.35	0.5	966.051	62	C	7380.48	0.13089
5.3G;D1D	4.76	22.54	25.15	0.5	367.282	62	C	7380.48	0.04976
5.6G;D1D	5.6	23.82	27.27	0.5	598.412	62	C	7380.48	0.08108
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
5.81G;D1D	6.29	26.37	30.51	0.5	1261.828	62	C	7380.48	0.17097
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
6.4G;D1D	6.68	19.76	24.29	0.5	301.301	62	C	7380.48	0.04082
6.7G;D1D	6.97	20	24.82	0.5	340.408	62	C	7380.48	0.04612
7.0G;D1D	8.17	15.72	21.74	0.5	167.494	62	C	7380.48	0.02269

For Radio 5:

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	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514

For Radio 6:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001

Note:

Mode	EIRP PSD-AV (dBm/MHz)	OBW (MHz)	EIRP (dBm)	ERP (dBm)
Radio 6	-45.65	499.2	-18.67	-20.82

**For EUT 3:****For 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	12.94	18.22	29.01	0.5	893.305	62	C	7380.48	0.12104
5.3G;D1D	12.94	16.97	27.76	0.08	608.135	62	C	7380.48	0.08240
5.6G;D1D	12.94	17.02	27.81	0.03	608.135	62	C	7380.48	0.08240
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803

For Radio 3:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
5.2G;D1D	13.02	22.17	33.04	0.5	2259.436	62	C	7380.48	0.30614
5.3G;D1D	13.02	16.93	27.8	0.5	676.083	62	C	7380.48	0.09160

For Scanning Radio 4

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
5.2G;D1D	9.5	24.18	31.53	0.5	1595.879	62	C	7380.48	0.21623
5.3G;D1D	9.5	20.42	27.77	0.07	608.135	62	C	7380.48	0.08240
5.6G;D1D	9.5	20.43	27.78	0.06	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652

For Radio 5:

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	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289

For Radio 6:

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001

Note:

Mode	EIRP PSD-AV (dBm/MHz)	OBW (MHz)	EIRP (dBm)	ERP (dBm)
Radio 6	-46.14	499.2	-19.16	-21.31

**Simultaneous Transmission Analysis Mode:****Mode 1: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71965								
Ratio Limit	1								

Mode 2: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.86295								
Ratio Limit	1								

Mode 3: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.70664								
Ratio Limit	1								

**Mode 4: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.72986								
Ratio Limit	1								

Mode 5: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.87316								
Ratio Limit	1								

Mode 6: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71685								
Ratio Limit	1								

**Mode 7: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71712								
Ratio Limit	1								

Mode 8: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.86041								
Ratio Limit	1								

Mode 9: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.70411								
Ratio Limit	1								

**Mode 10: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.72733								
Ratio Limit	1								

Mode 11: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.87063								
Ratio Limit	1								

Mode 12: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71432								
Ratio Limit	1								

**Mode 13: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71965								
Ratio Limit	1								

Mode 14: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.86295								
Ratio Limit	1								

Mode 15: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.70664								
Ratio Limit	1								

**Mode 16: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.72986								
Ratio Limit	1								

Mode 17: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.87316								
Ratio Limit	1								

Mode 18: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71685								
Ratio Limit	1								

**Mode 19: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71712								
Ratio Limit	1								

Mode 20: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.86041								
Ratio Limit	1								

Mode 21: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.70411								
Ratio Limit	1								

**Mode 22: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.72733								
Ratio Limit	1								

Mode 23: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.87063								
Ratio Limit	1								

Mode 24: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
2.4G;G1D	3.06	28.62	29.53	0.5	1006.932	58	C	6458.88	0.15590
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.71432								
Ratio Limit	1								

**Mode 25: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.79266								
Ratio Limit	1								

Mode 26: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.93596								
Ratio Limit	1								

Mode 27: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.77965								
Ratio Limit	1								

**Mode 28: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.79013								
Ratio Limit	1								

Mode 29: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.93343								
Ratio Limit	1								

Mode 30: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.77712								
Ratio Limit	1								

**Mode 31: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.79266								
Ratio Limit	1								

Mode 32: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.93596								
Ratio Limit	1								

Mode 33: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.77965								
Ratio Limit	1								

**Mode 34: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.79013								
Ratio Limit	1								

Mode 35: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.93343								
Ratio Limit	1								

Mode 36: EUT 1_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.4G;D1D	7.01	22.97	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
5.2G;D1D	7.04	26.11	31	0.5	1412.538	58	C	6458.88	0.21870
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.77712								
Ratio Limit	1								

**Mode 37: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.65790								
Ratio Limit	1								

Mode 38: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.80120								
Ratio Limit	1								

Mode 39: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.64489								
Ratio Limit	1								

**Mode 40: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.65537								
Ratio Limit	1								

Mode 41: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.79867								
Ratio Limit	1								

Mode 42: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.2G;D1D	7.11	28.26	33.22	0.5	2355.049	58	C	6458.88	0.36462
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.64236								
Ratio Limit	1								

**Mode 43: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.66812								
Ratio Limit	1								

Mode 44: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.81142								
Ratio Limit	1								

Mode 45: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;BT-LE	4.2	13.1	15.15	0.5	36.728	58	C	6458.88	0.00569
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.65511								
Ratio Limit	1								

**Mode 46: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
2.4G;G1D	2.29	27.43	27.57	0.5	641.210	58	C	6458.88	0.09928
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.66559								
Ratio Limit	1								

Mode 47: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
5.8G;D1D	4.67	28.93	31.45	0.5	1566.751	58	C	6458.88	0.24257
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.80888								
Ratio Limit	1								

Mode 48: EUT 1_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	7.65	21.85	27.35	0.49	608.135	58	C	6458.88	0.09415
5.8G;D1D	7.52	28.33	33.7	0.14	2421.029	58	C	6458.88	0.37484
6.7G;D1D	8.84	21.14	27.83	0.01	608.135	58	C	6458.88	0.09415
6.7G;D1D	4.73	24.38	26.96	0.5	557.186	58	C	6458.88	0.08627
2.4G;G1D; (Zigbee, Thread)	3.9	10.84	12.59	0.5	20.370	58	C	6458.88	0.00315
UWB	-	-	-20.92	0.5	0.009	58	C	6458.88	0.00001
Sum TL Ratio_C	0.65258								
Ratio Limit	1								

**Mode 49: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63415								
Ratio Limit	1								

Mode 50: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83817								
Ratio Limit	1								

Mode 51: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57461								
Ratio Limit	1								

**Mode 52: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63415								
Ratio Limit	1								

Mode 53: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83817								
Ratio Limit	1								

Mode 54: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57461								
Ratio Limit	1								

**Mode 55: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63420								
Ratio Limit	1								

Mode 56: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83822								
Ratio Limit	1								

Mode 57: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57466								
Ratio Limit	1								

**Mode 58: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63420								
Ratio Limit	1								

Mode 59: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83822								
Ratio Limit	1								

Mode 60: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57466								
Ratio Limit	1								

**Mode 61: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63415								
Ratio Limit	1								

Mode 62: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83817								
Ratio Limit	1								

Mode 63: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57461								
Ratio Limit	1								

**Mode 64: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+ R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63415								
Ratio Limit	1								

Mode 65: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Bluetooth+ R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83817								
Ratio Limit	1								

Mode 66: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Bluetooth+ R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57461								
Ratio Limit	1								

**Mode 67: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63420								
Ratio Limit	1								

Mode 68: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83822								
Ratio Limit	1								

Mode 69: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 1,2A+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57466								
Ratio Limit	1								

**Mode 70: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+ R4:2.4GHz+R5:Zigbee+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.63420								
Ratio Limit	1								

Mode 71: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:5GHz UNII 1-4+R5:Zigbee+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83822								
Ratio Limit	1								

Mode 72: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:2.4GHz+R4:6GHz UNII 5-8+R5:Zigbee+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
2.4G;D1D	8.34	22.52	28.71	0.5	833.681	62	C	7380.48	0.11296
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.57466								
Ratio Limit	1								

**Mode 73: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.70271								
Ratio Limit	1								

Mode 74: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.90673								
Ratio Limit	1								

Mode 75: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.64317								
Ratio Limit	1								

**Mode 76: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.70276								
Ratio Limit	1								

Mode 77: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.90678								
Ratio Limit	1								

Mode 78: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.64322								
Ratio Limit	1								

**Mode 79: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.70271								
Ratio Limit	1								

Mode 80: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.90673								
Ratio Limit	1								

Mode 81: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Bluetooth+R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.64317								
Ratio Limit	1								

**Mode 82: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+ R4:2.4GHz+R5:Zigbee+ R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.70276								
Ratio Limit	1								

Mode 83: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-4+R5:Zigbee+ R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.90678								
Ratio Limit	1								

Mode 84: EUT 2_R1:6GHz UNII 6-8+R2:5GHz UNII 2C-4+R3:5GHz UNII 1,2A+R4:6GHz UNII 5-8+R5:Zigbee+ R6: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	9.72	20.22	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
5.2G;D1D	7.3	25.62	30.77	0.5	1339.677	62	C	7380.48	0.18152
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.64322								
Ratio Limit	1								

**Mode 85: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.60359								
Ratio Limit	1								

Mode 86: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.80761								
Ratio Limit	1								

Mode 87: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.54405								
Ratio Limit	1								

**Mode 88: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.60364								
Ratio Limit	1								

Mode 89: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.80766								
Ratio Limit	1								

Mode 90: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 1,2A+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.2G;D1D	9	26.82	33.67	0.17	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.54410								
Ratio Limit	1								

**Mode 91: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Bluetooth+ R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.60359								
Ratio Limit	1								

Mode 92: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.80761								
Ratio Limit	1								

Mode 93: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Bluetooth+ R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;BT-LE	4.3	13.1	15.25	0.5	37.584	62	C	7380.48	0.00509
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.54405								
Ratio Limit	1								

**Mode 94: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+ R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
2.4G;G1D	4.18	26.39	28.42	0.5	779.830	62	C	7380.48	0.10566
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.60364								
Ratio Limit	1								

Mode 95: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:5GHz UNII 1-4+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
5.8G;D1D	6.15	29.09	33.09	0.5	2285.599	62	C	7380.48	0.30968
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.80766								
Ratio Limit	1								

Mode 96: EUT 2_R1:6GHz UNII 5+R2:5GHz UNII 2C-4+R3:6GHz UNII 7,8+R4:6GHz UNII 5-8+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
6.2G;D1D	10.14	19.8	27.79	0.05	608.135	62	C	7380.48	0.08240
5.8G;D1D	9.57	26.39	33.81	0.03	2421.029	62	C	7380.48	0.32803
6.7G;D1D	10.62	19.2	27.67	0.17	608.135	62	C	7380.48	0.08240
6.2G;D1D	7.08	19.89	24.82	0.5	340.408	62	C	7380.48	0.04612
2.4G;G1D; (Zigbee, Thread)	6.6	10.84	15.29	0.5	37.931	62	C	7380.48	0.00514
UWB	-	-	-20.82	0.5	0.009	62	C	7380.48	0.00001
Sum TL Ratio_C	0.54410								
Ratio Limit	1								

**Mode 97: EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6: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	12.94	18.22	29.01	0.5	893.305	62	C	7380.48	0.12104
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
2.4G;BT-LE	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.62346								
Ratio Limit	1								

Mode 98: EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6: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	12.94	18.22	29.01	0.5	893.305	62	C	7380.48	0.12104
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652
2.4G;BT-LE	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.73024								
Ratio Limit	1								

Mode 99: EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
2.4G;BT-LE	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.83045								
Ratio Limit	1								

**Mode 100: EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652
2.4G;BT-LE	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.93724								
Ratio Limit	1								

Mode 101: EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6: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	12.94	18.22	29.01	0.5	893.305	62	C	7380.48	0.12104
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.62160								
Ratio Limit	1								

Mode 102: EUT 3_R2:5GHz UNII 1,2A+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6: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	12.94	18.22	29.01	0.5	893.305	62	C	7380.48	0.12104
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.72838								
Ratio Limit	1								

**Mode 103: EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:2.4GHz+R5:Zigbee+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.82859								
Ratio Limit	1								

Mode 104: EUT 3_R2:5GHz UNII 2C-3+R3:2.4GHz+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
2.4G;G1D	8.46	26.31	32.62	0.5	2051.162	62	C	7380.48	0.27792
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.93537								
Ratio Limit	1								

Mode 105: EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Bluetooth+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
5.2G;D1D	13.02	22.17	33.04	0.5	2259.436	62	C	7380.48	0.30614
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
2.4G;BT-LE	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.85867								
Ratio Limit	1								

**Mode 106: EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Bluetooth+R6:UWB**

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
5.2G;D1D	13.02	22.17	33.04	0.5	2259.436	62	C	7380.48	0.30614
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652
2.4G;BT-LE	4	13.1	14.95	0.5	35.075	62	C	7380.48	0.00475
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.96545								
Ratio Limit	1								

Mode 107: EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:2.4GHz+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
5.2G;D1D	13.02	22.17	33.04	0.5	2259.436	62	C	7380.48	0.30614
2.4G;G1D	7.8	25.95	31.6	0.5	1621.810	62	C	7380.48	0.21974
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.85681								
Ratio Limit	1								

Mode 108: EUT 3_R2:5GHz UNII 2C-3+R3:5GHz UNII 1,2A+R4:5GHz UNII 1-3+R5:Zigbee+R6:UWB

Mode	DG (dBi)	Power (dBm)	ERP (dBm)	Tolerance (dB)	Tune-up ERP (mW)	Distance (cm)	Option	TL ERP (mW)	TL Ratio
5.8G;D1D	12.94	23.01	33.8	0.04	2421.029	62	C	7380.48	0.32803
5.2G;D1D	13.02	22.17	33.04	0.5	2259.436	62	C	7380.48	0.30614
5.8G;D1D	9.5	25.97	33.32	0.5	2409.905	62	C	7380.48	0.32652
2.4G;G1D; (Zigbee, Thread)	4.1	10.84	12.79	0.5	21.330	62	C	7380.48	0.00289
UWB	-	-	-21.31	0.5	0.008	62	C	7380.48	0.00001
Sum TL Ratio_C	0.96359								
Ratio Limit	1								

Note: The above antenna gain was declared by manufacturer.

————THE END————