

Conducted test results

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Test Standard(s) FCC 15.247 - NI

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cn=Michael Dorongovski-
Kerbusch, o, ou,
email=michael.dorongovski@
cetecomadvanced.com, c=DE
2026.07.09 10:36:38 +02'00'

Authorized

Michael Dorongovski
Lab Manager
Radio Labs

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FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 b mode

References

TC start	05.05.2026 13:01:22
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 b mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 b mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.01	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 b mode

References

TC start	05.05.2026 13:02:24
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 b mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 b mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.39	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 b mode

References

TC start	05.05.2026 13:03:00
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 b mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 b mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.72	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 b mode

References

TC start	05.05.2026 13:04:46
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 b mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 b mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	20.67	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 b mode

References

TC start	05.05.2026 13:06:45
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 b mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 b mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.72	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 b mode

References

TC start	05.05.2026 13:07:19
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 b mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 b mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.71	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 g mode

References

TC start	05.05.2026 13:09:40
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 g mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 g mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.73	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 g mode

References

TC start	05.05.2026 13:10:11
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 g mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 g mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.44	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 g mode

References

TC start	05.05.2026 13:10:41
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 g mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 g mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.21	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 g mode

References

TC start	05.05.2026 13:11:10
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 g mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 g mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.11	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 g mode

References

TC start	05.05.2026 13:11:41
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 g mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 g mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.4	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 g mode

References

TC start	05.05.2026 13:12:08
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 g mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 g mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	17.05	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT20 mode

References

TC start	05.05.2026 13:13:12
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT20 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.54	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT20 mode

References

TC start	05.05.2026 13:13:41
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT20 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.39	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT20 mode

References

TC start	05.05.2026 13:14:08
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT20 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT20 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.09	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT20 mode

References

TC start	05.05.2026 13:15:38
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT20 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.04	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT20 mode

References

TC start	05.05.2026 13:17:12
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT20 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.33	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT20 mode

References

TC start	05.05.2026 13:17:37
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT20 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT20 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	17.07	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT40 mode

References

TC start	05.05.2026 13:18:31
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT40 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2422 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.01	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT40 mode

References

TC start	05.05.2026 13:18:55
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT40 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.11	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT40 mode

References

TC start	05.05.2026 13:19:25
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT40 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT40 mode
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2452 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.79	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT40 mode

References

TC start	05.05.2026 13:19:58
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT40 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2422 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.62	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT40 mode

References

TC start	05.05.2026 13:20:29
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT40 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.24	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 n-HT40 mode

References

TC start	05.05.2026 13:25:14
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 n-HT40 mode
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 n-HT40 mode
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2452 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	17.84	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE20

References

TC start	05.05.2026 13:27:32
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE20
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.84	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE20

References

TC start	05.05.2026 13:28:19
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE20
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.63	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE20

References

TC start	05.05.2026 13:28:50
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE20
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.37	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE20

References

TC start	05.05.2026 13:29:29
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE20
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2412 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.18	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE20

References

TC start	05.05.2026 13:30:01
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE20
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	21.44	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE20

References

TC start	05.05.2026 13:30:39
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE20
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2412
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2462 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	17.21	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE40

References

TC start	05.05.2026 13:31:19
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE40
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE40
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2422 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	19.14	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE40

References

TC start	05.05.2026 13:31:51
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE40
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE40
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.81	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE40

References

TC start	05.05.2026 13:32:16
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE40
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE40
EUT port	EUT1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.PM/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00010000:00000001

Test at TX 2452 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.67	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE40

References

TC start	05.05.2026 13:32:51
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE40
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE40
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2422 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.89	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE40

References

TC start	05.05.2026 13:33:16
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE40
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE40
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	True Freq [MHz] 2442
Frequency high to test	False Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2442 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	18.98	dBm	PASS

Verdict

PASS

FCC 15.247 # Peak output power PM DTS ~ WLAN2G4 ax-HE40

References

TC start	05.05.2026 13:33:48
Ambit temp (test rack) [°C] humidity [rel%]	not enabled not enabled
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
Description	FCC 15.247 Peak output power PM DTS - WLAN2G4 ax-HE40
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Switch matrix,cetecom advanced GmbH,USM,B001,1.0.0
Power sensor,Keysight Technologies,L2061XA,MY58000020,A.03.16

Test Parameter

Technology to test	WLAN2G4 ax-HE40
EUT port	EUT2
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2442
Frequency high to test	True Freq [MHz] 2452
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0.7
Full path type	EUT_PM_GEN_SIG
Full path name	EUT2.MP.SIG1/EUT2.PM/EUT2.GEN1/EUT2.GEN2/
Switch bits	00100010:00010001:00010000:00000001

Test at TX 2452 MHz

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Peak power	---	30	17.83	dBm	PASS

Verdict

PASS

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