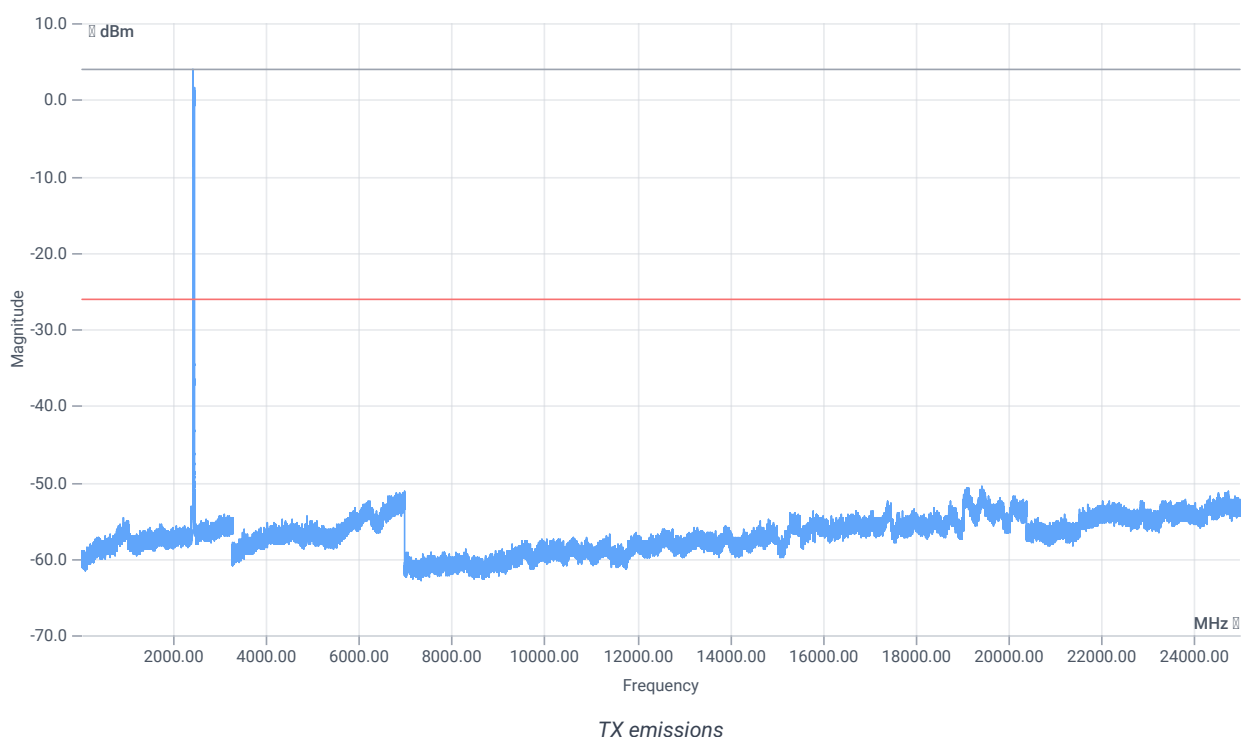


Test at TX 2437 MHz

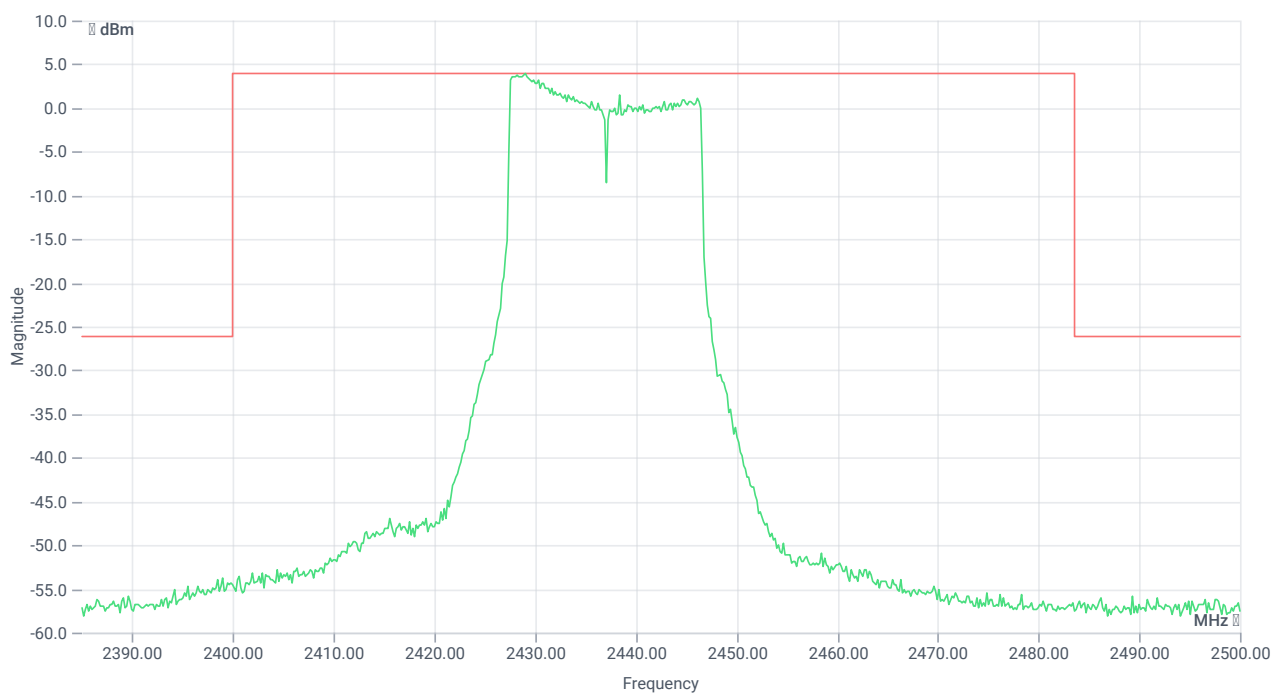
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	21.77	dBm	INFO
Ref. frequency	---	---	2429.910	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	21.77 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2429.00 MHz	---	---	3.91	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 19438.833 MHz	0	---	24.52	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 ax-HE20

References

TC start	21.04.2026 08:34:41
Ambit temp (test rack) [°C] humidity [rel%]	22.7 33
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS DTS - WLAN2G4 ax-HE20
Information	

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

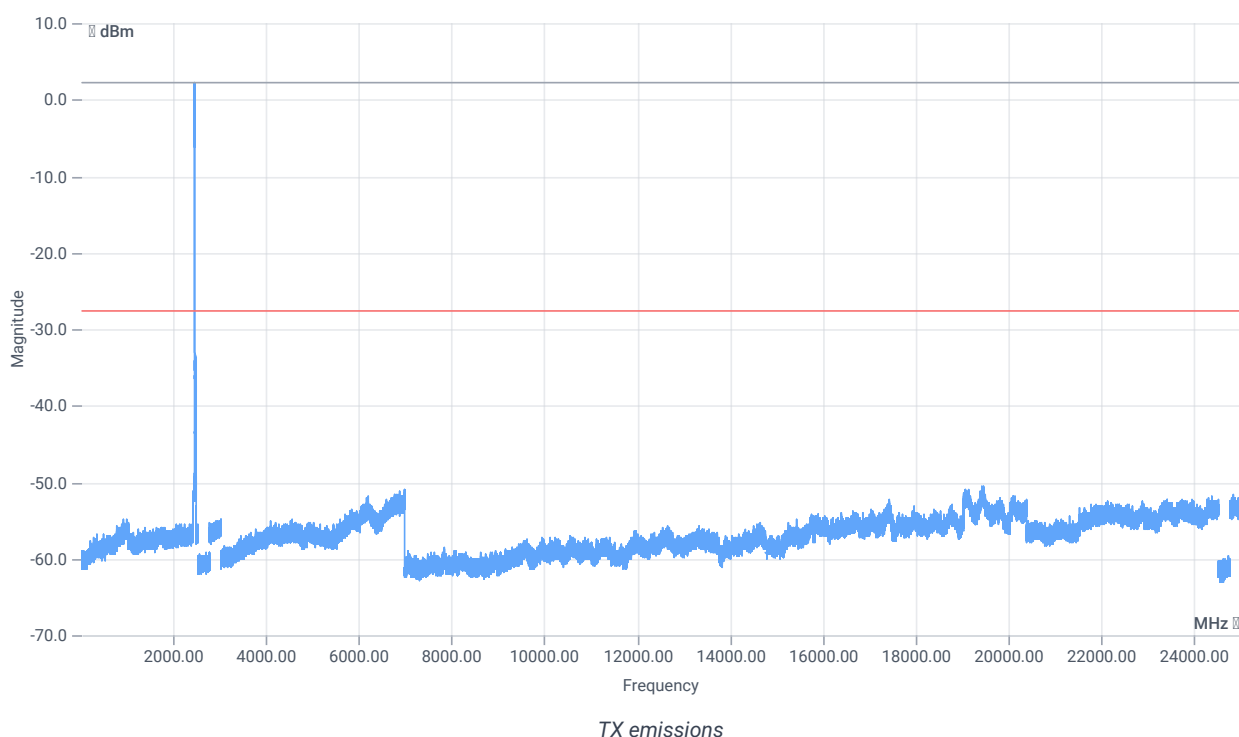
Test Parameter

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] 2437
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2462 MHz

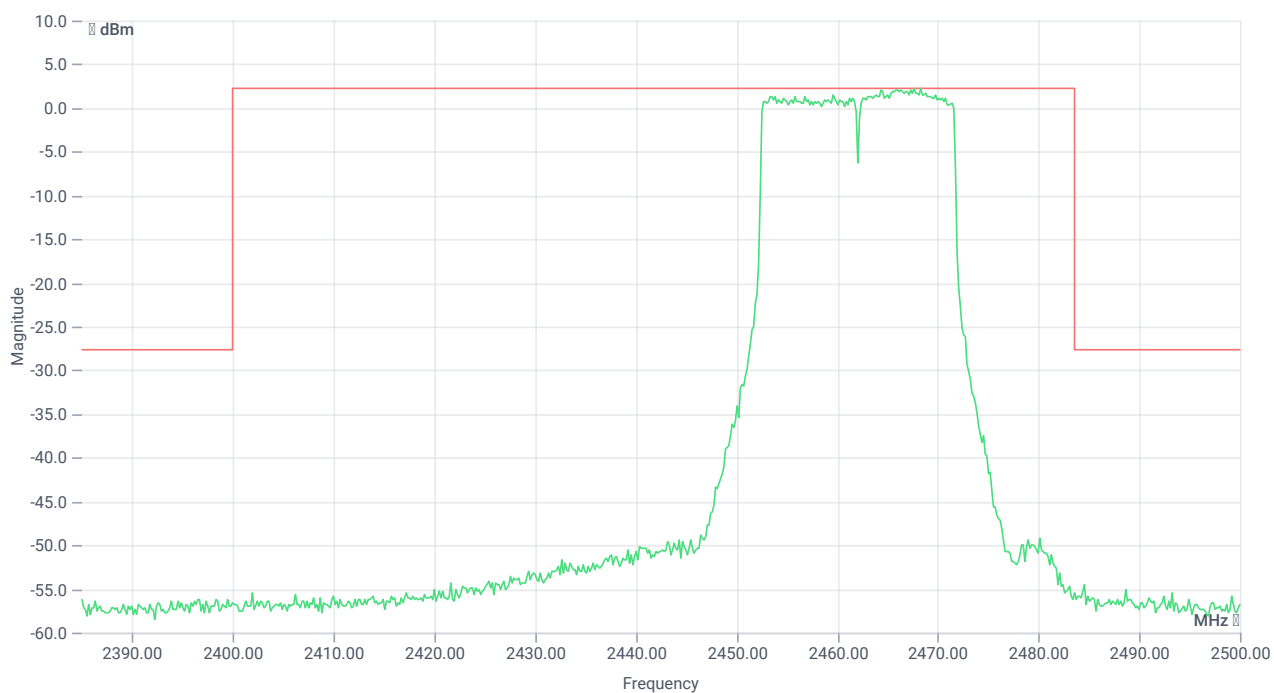
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	21.60	dBm	INFO
Ref. frequency	---	---	2466.800	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	21.60 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2468.33 MHz	---	---	2.30	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 19419 MHz	0	---	22.89	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 g mode

References

TC start	21.04.2026 09:02:14
Ambit temp (test rack) [°C] humidity [rel%]	22.7 33
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 g mode
Information	DSSS_10MHz(HR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

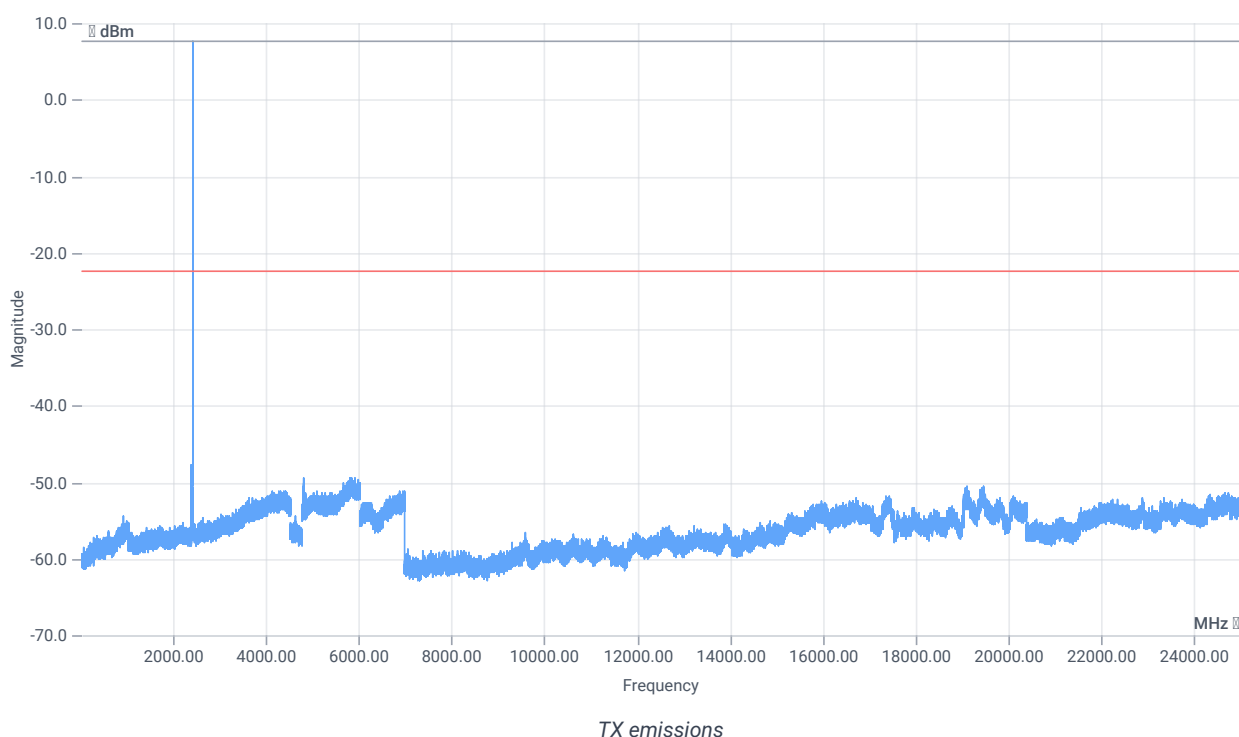
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2412 MHz

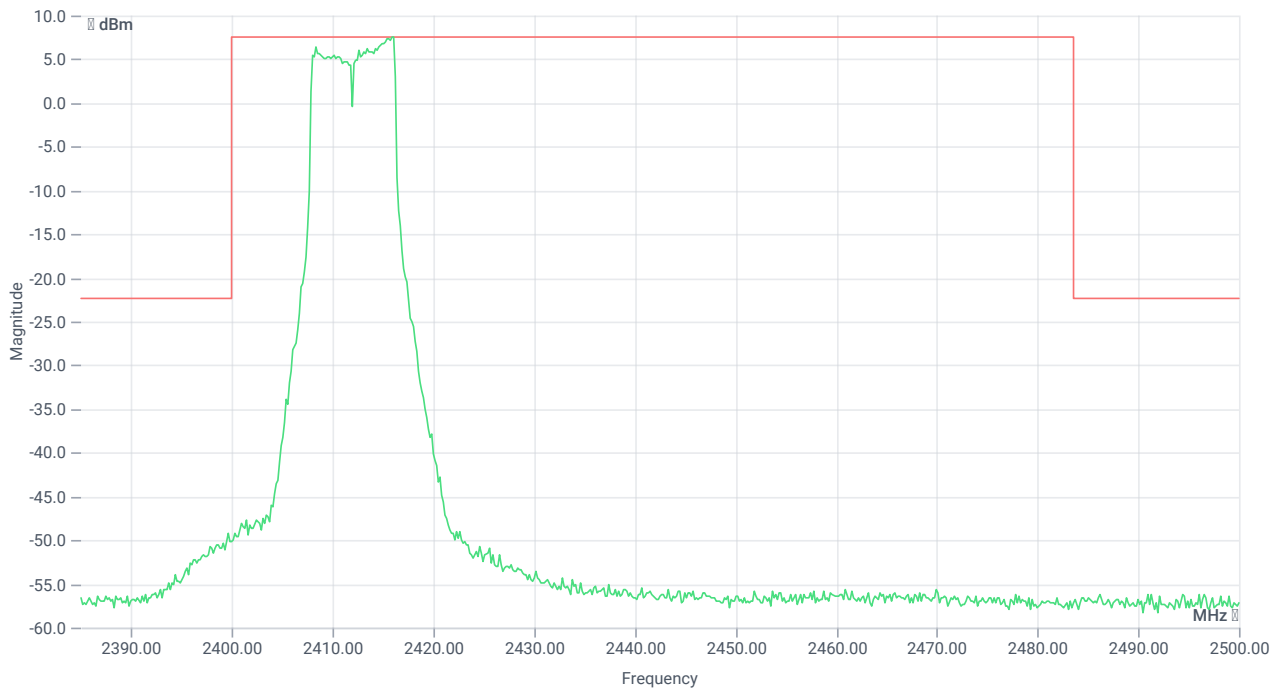
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	22.94	dBm	INFO
Ref. frequency	---	---	2413.900	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	22.94 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



TX emissions band zoomed

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2416.00 MHz	---	---	7.60	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 2399.667 MHz	0	---	26.78	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 g mode

References

TC start	21.04.2026 09:38:41
Ambit temp (test rack) [°C] humidity [rel%]	22.7 33
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 g mode
Information	DSSS_10MHz(HR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

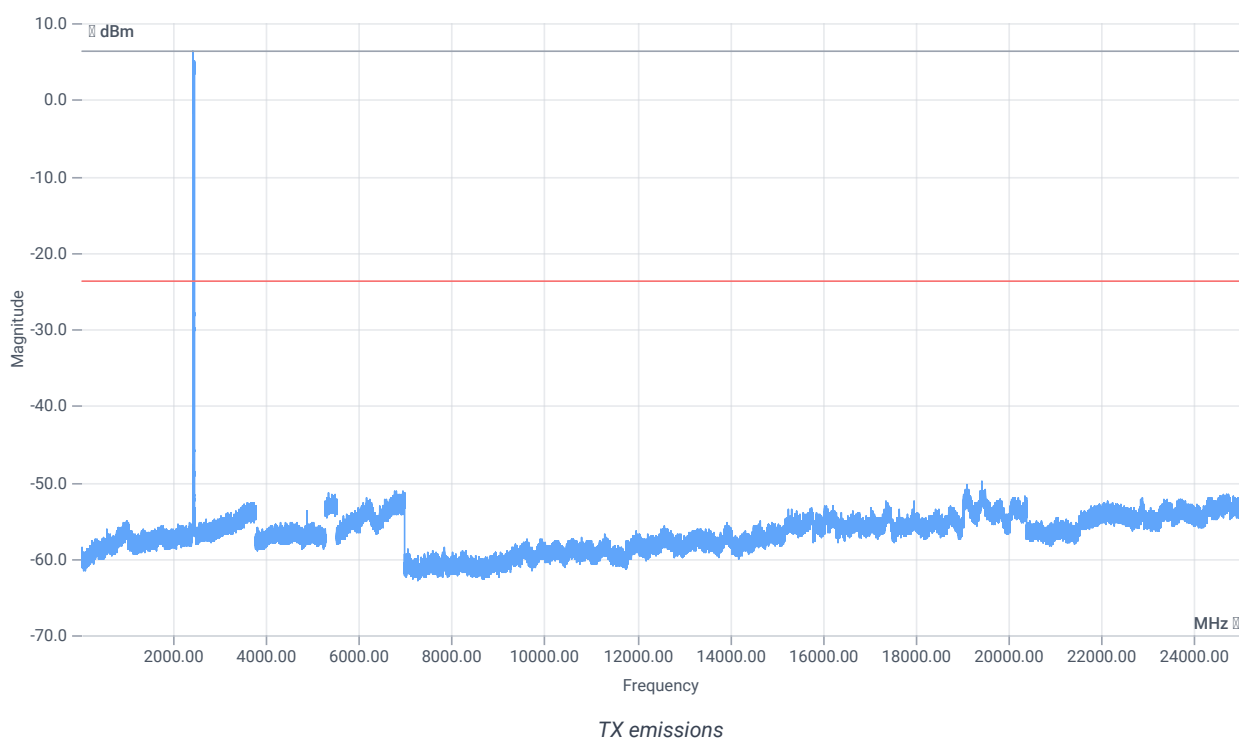
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2437 MHz

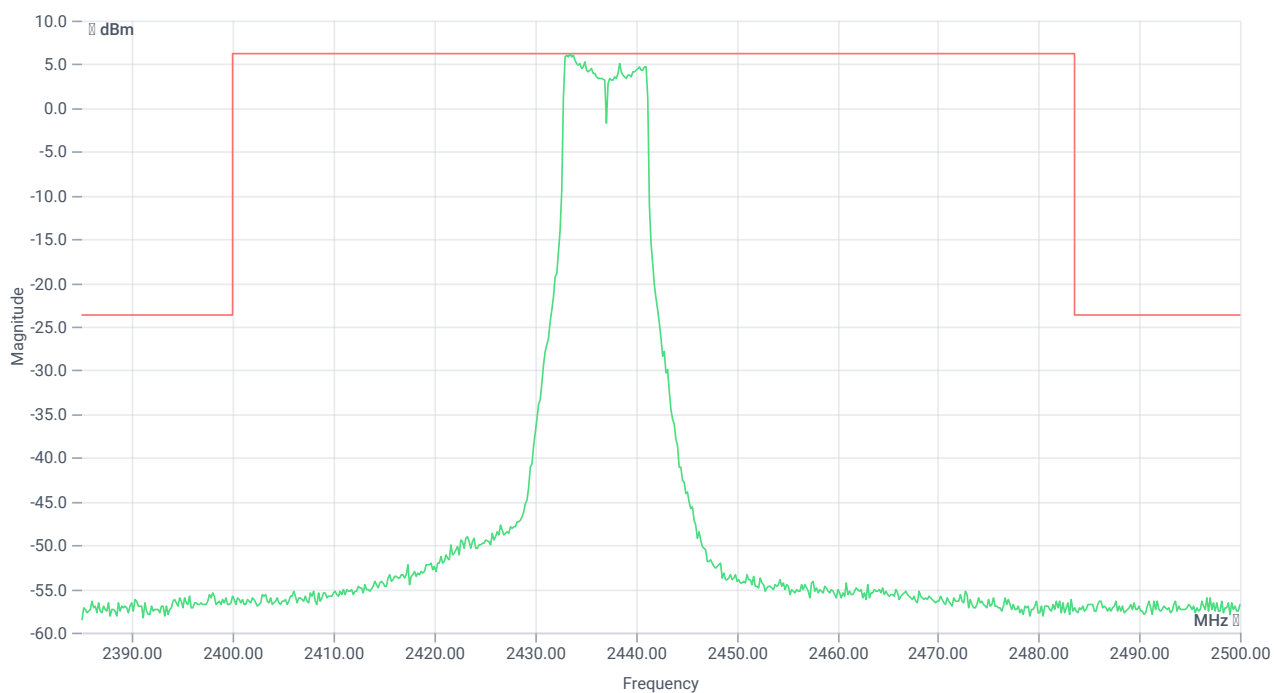
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	22.50	dBm	INFO
Ref. frequency	---	---	2434.200	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	22.50 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2433.50 MHz	---	---	6.25	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 19438 MHz	0	---	26.12	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 g mode

References

TC start	21.04.2026 10:02:40
Ambit temp (test rack) [°C] humidity [rel%]	22.7 33
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 g mode
Information	DSSS_10MHz(HR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

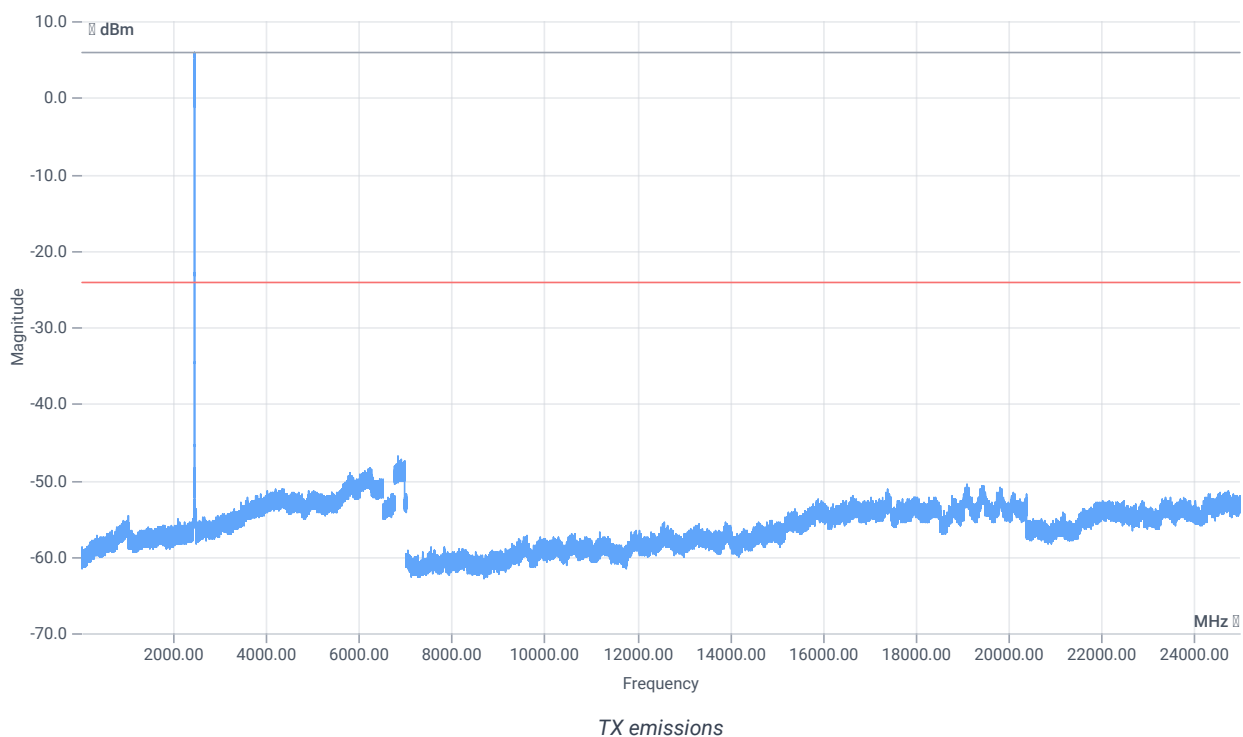
Test Parameter

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] 2437
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2462 MHz

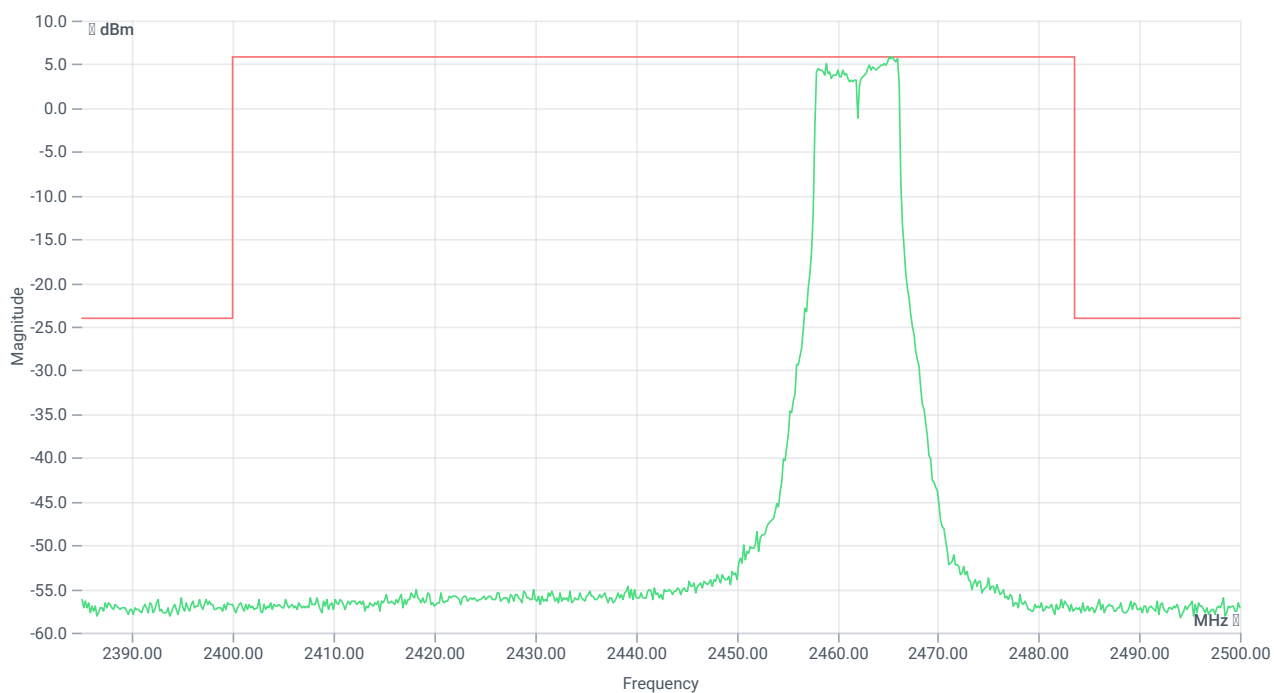
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	23.67	dBm	INFO
Ref. frequency	---	---	2465.200	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	23.67 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2465.50 MHz	---	---	5.91	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6856.833 MHz	0	---	22.73	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 g mode

References

TC start	21.04.2026 10:22:03
Ambit temp (test rack) [°C] humidity [rel%]	23.0 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 g mode
Information	DSSS_5MHz(QR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

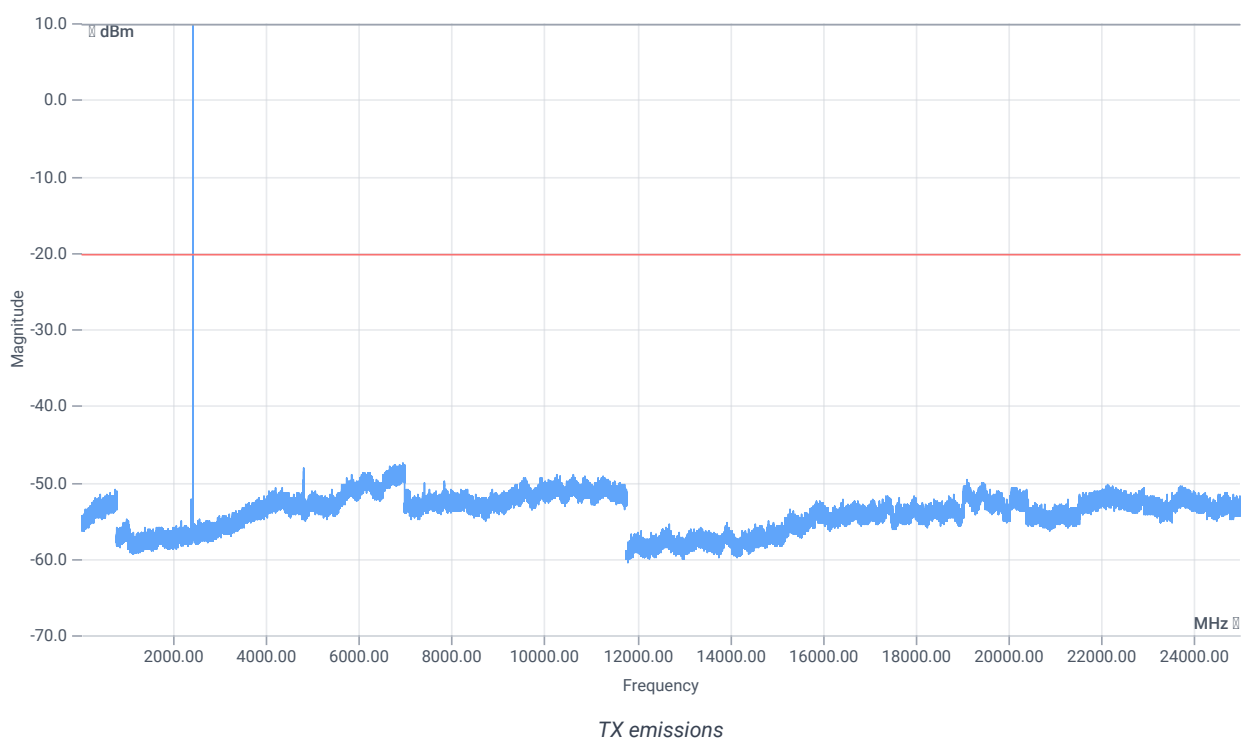
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2412 MHz

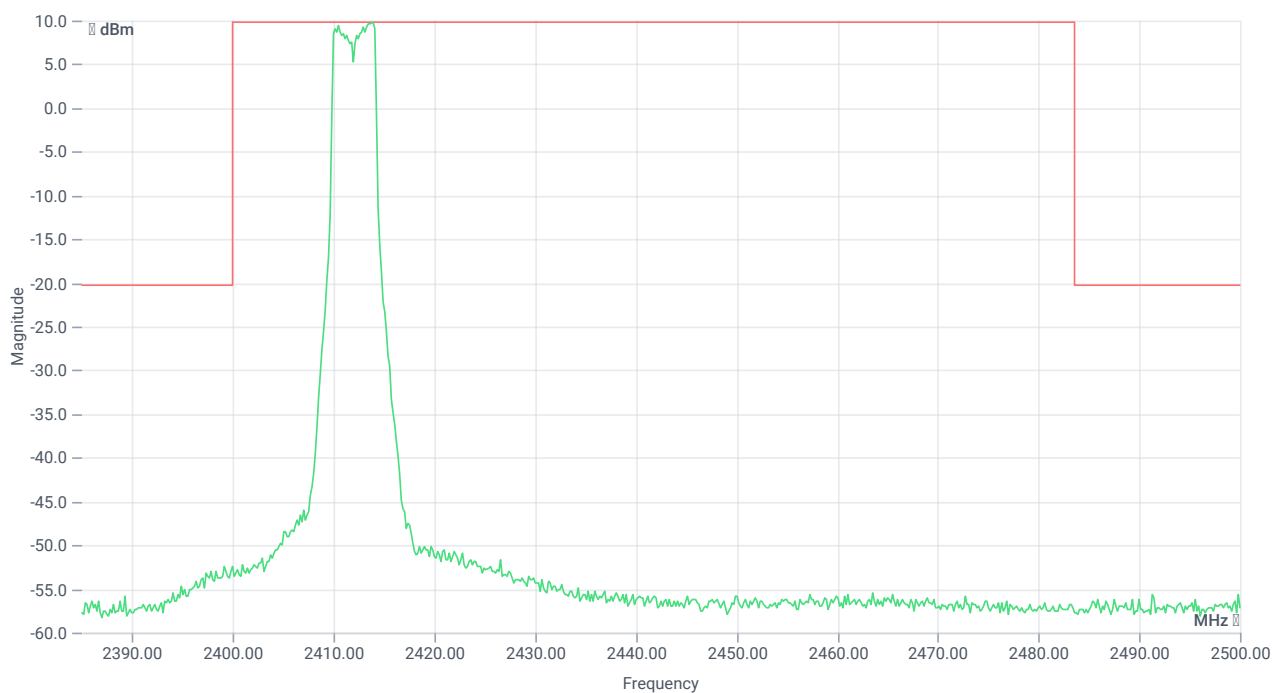
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	25.58	dBm	INFO
Ref. frequency	---	---	2410.700	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	25.58 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



TX emissions band zoomed

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2413.83 MHz	---	---	9.77	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6954.667 MHz	0	---	27.36	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 g mode

References

TC start	21.04.2026 10:47:11
Ambit temp (test rack) [°C] humidity [rel%]	22.9 33
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 g mode
Information	DSSS_5MHz(QR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

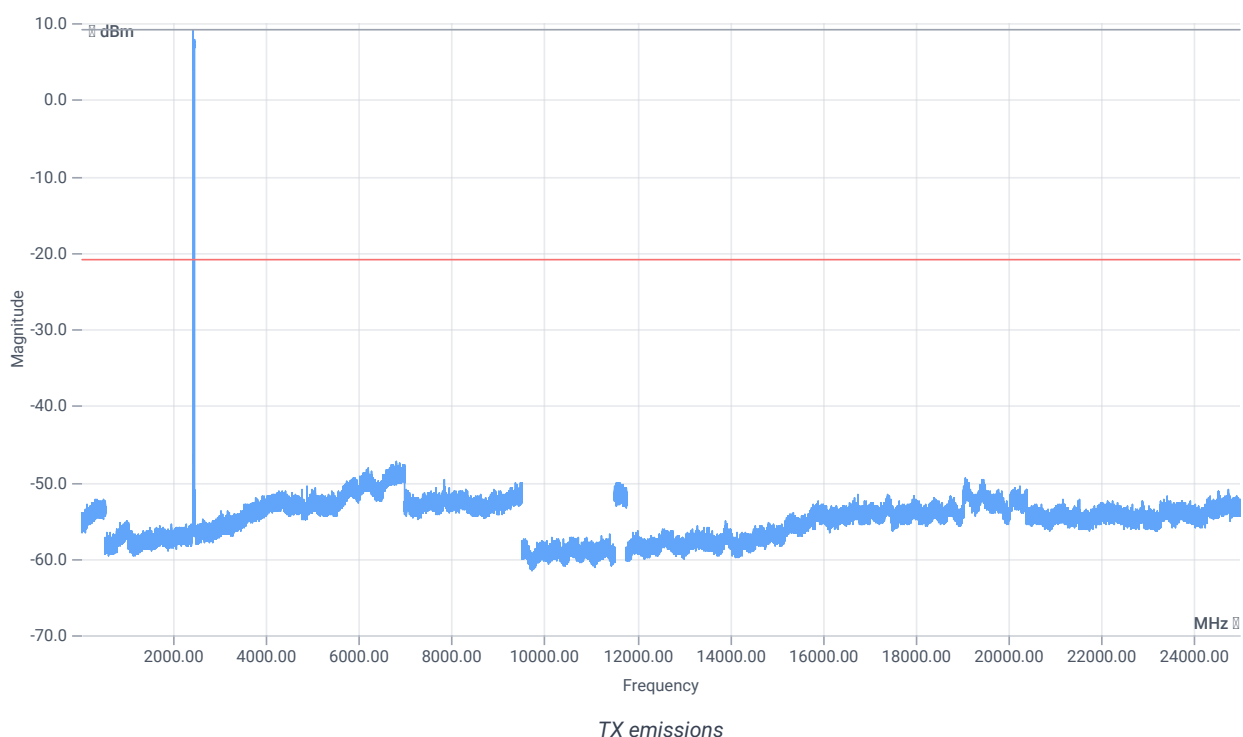
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2437 MHz

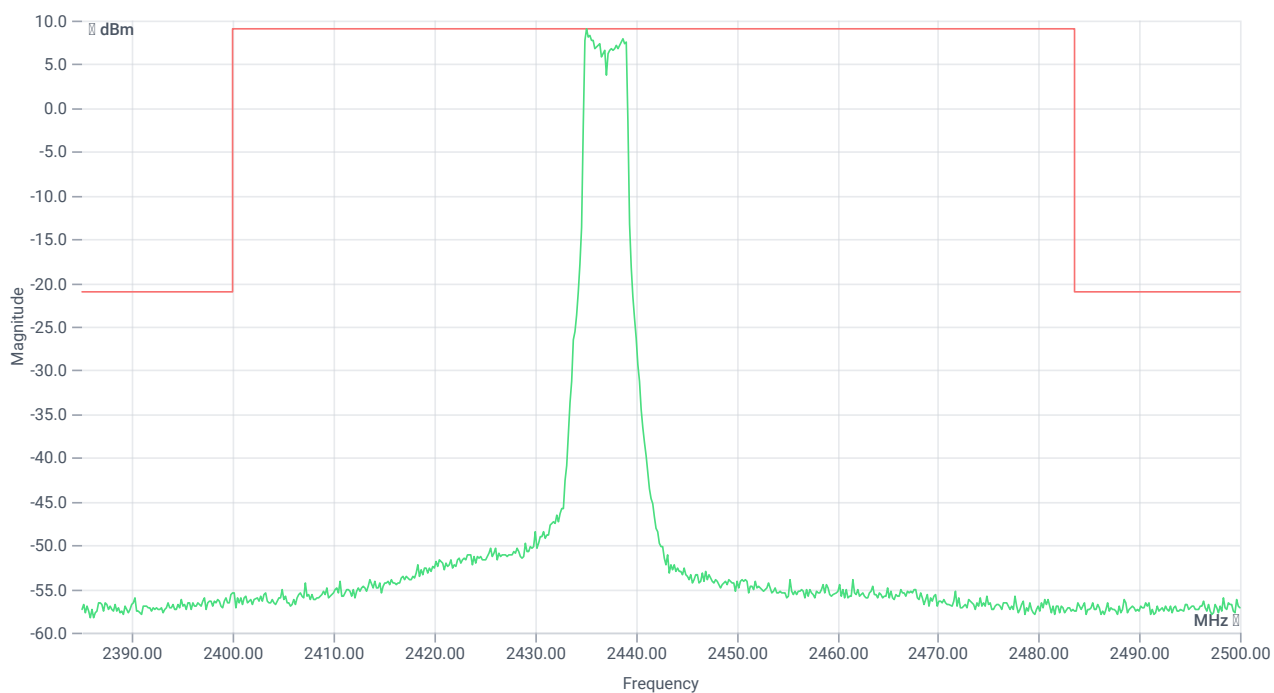
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	24.99	dBm	INFO
Ref. frequency	---	---	2435.500	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	24.99 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2435.17 MHz	---	---	9.05	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6792.333 MHz	0	---	26.42	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 g mode

References

TC start	21.04.2026 11:06:37
Ambit temp (test rack) [°C] humidity [rel%]	23.0 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 g mode
Information	DSSS_5MHz(QR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

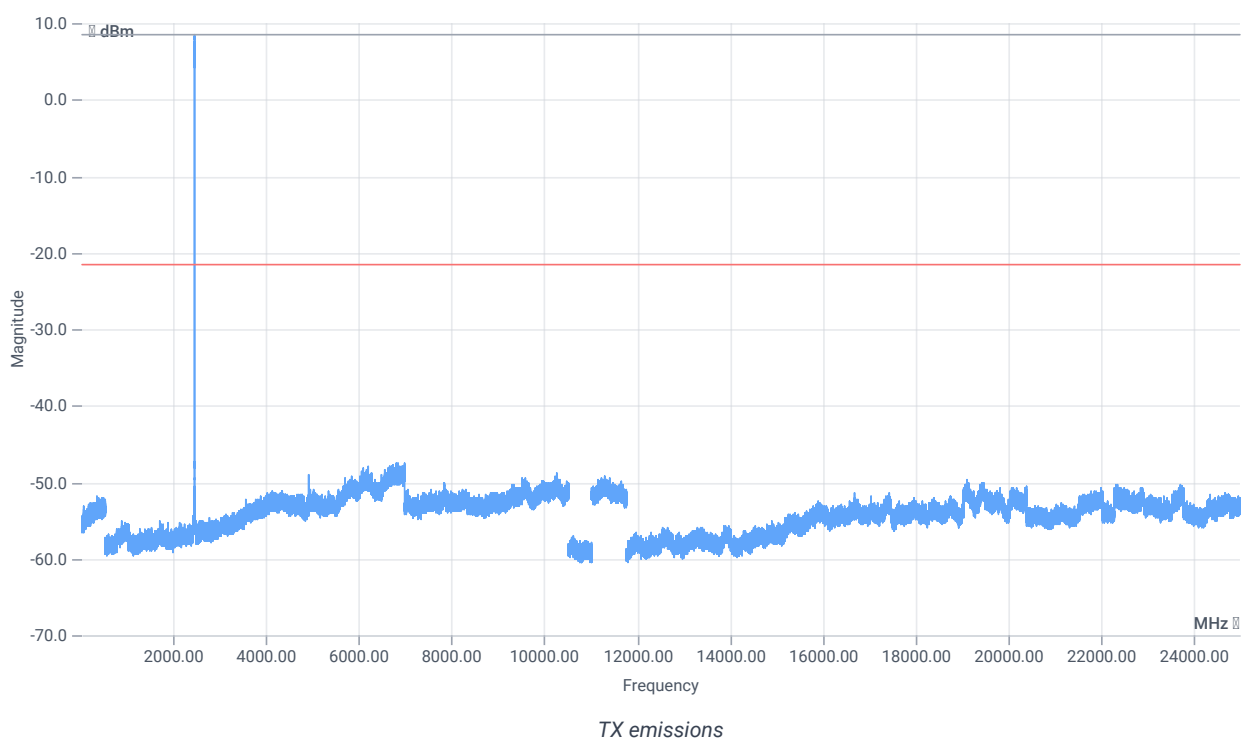
Test Parameter

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] 2437
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2462 MHz

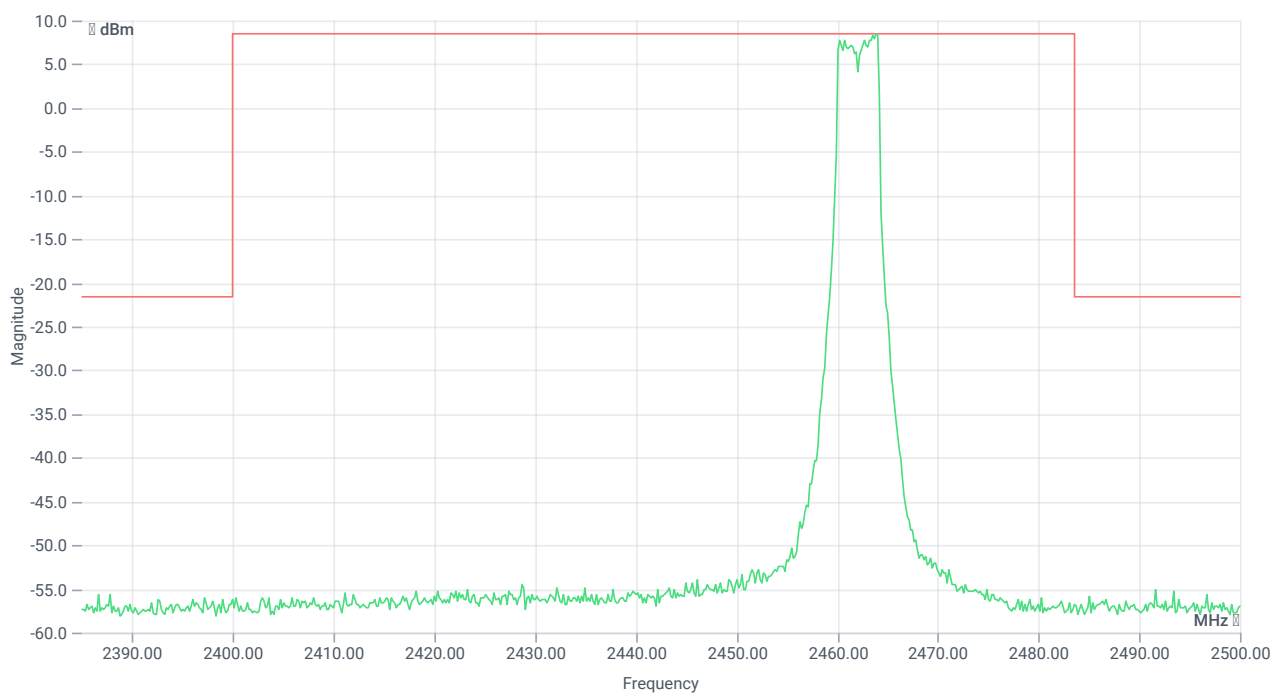
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	25.30	dBm	INFO
Ref. frequency	---	---	2463.500	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	25.30 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2463.83 MHz	---	---	8.41	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 6848.833 MHz	0	---	25.85	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 b mode

References

TC start	21.04.2026 11:32:32
Ambit temp (test rack) [°C] humidity [rel%]	23.1 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 b mode
Information	DSSS_10MHz(HR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

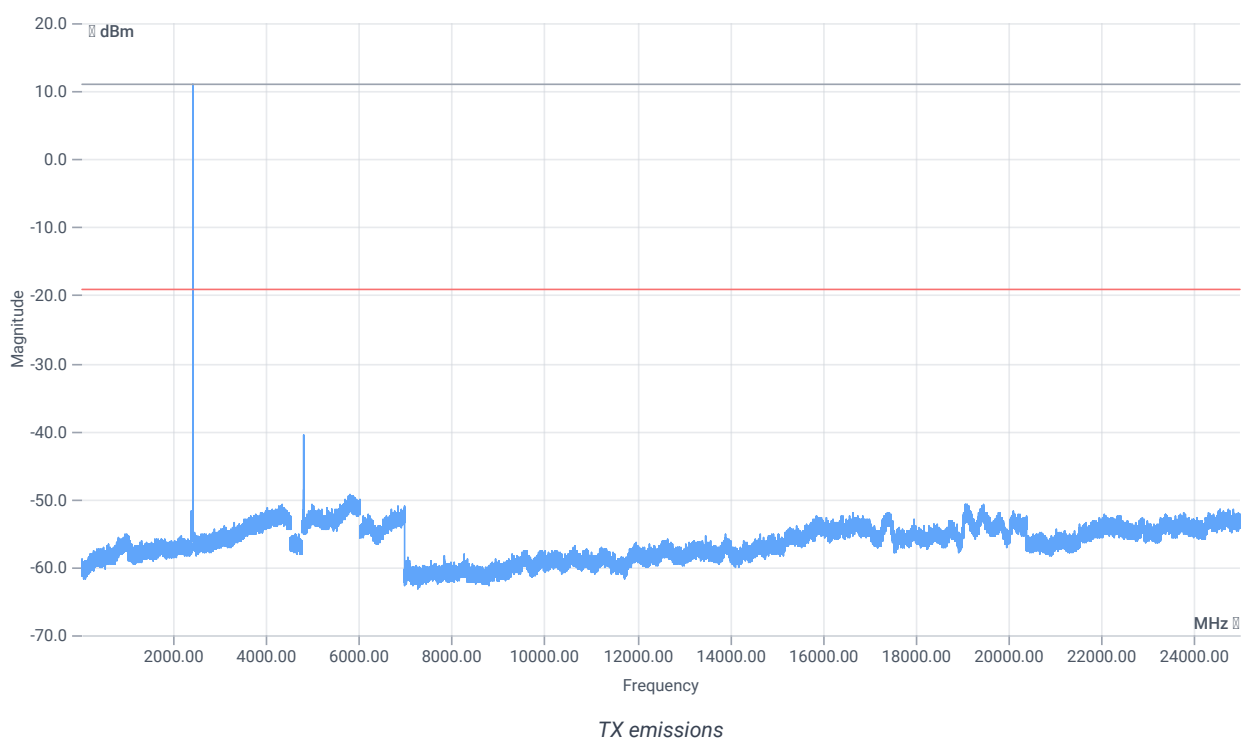
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2412 MHz

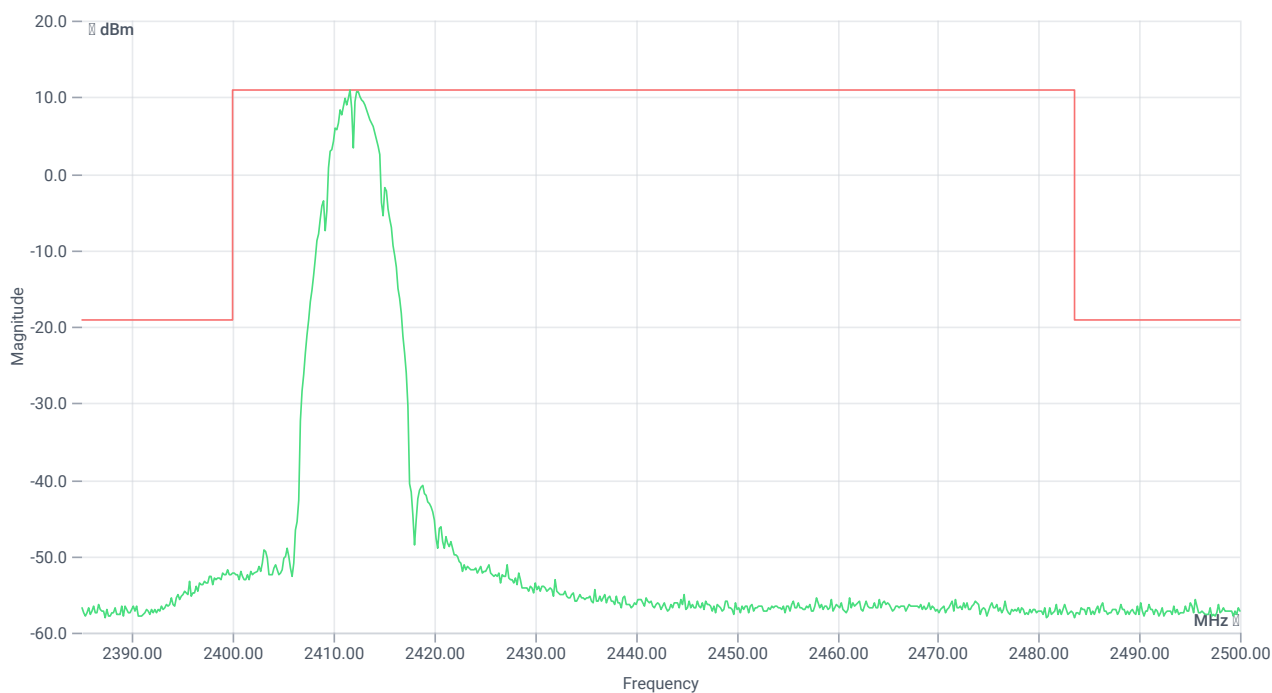
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	22.93	dBm	INFO
Ref. frequency	---	---	2412.200	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	22.93 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



TX emissions band zoomed

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2411.67 MHz	---	---	10.90	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 4824 MHz	0	---	21.47	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 b mode

References

TC start	21.04.2026 11:56:15
Ambit temp (test rack) [°C] humidity [rel%]	23.1 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 b mode
Information	DSSS_10MHz(HR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

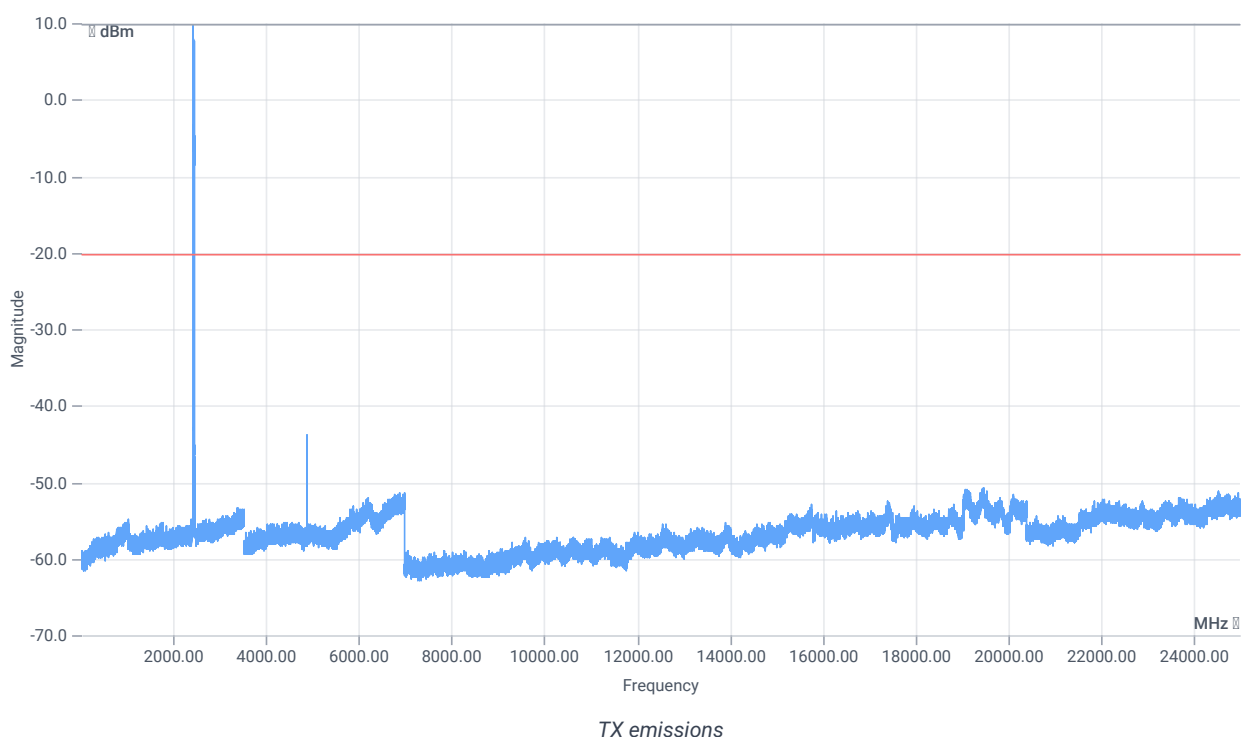
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2437 MHz

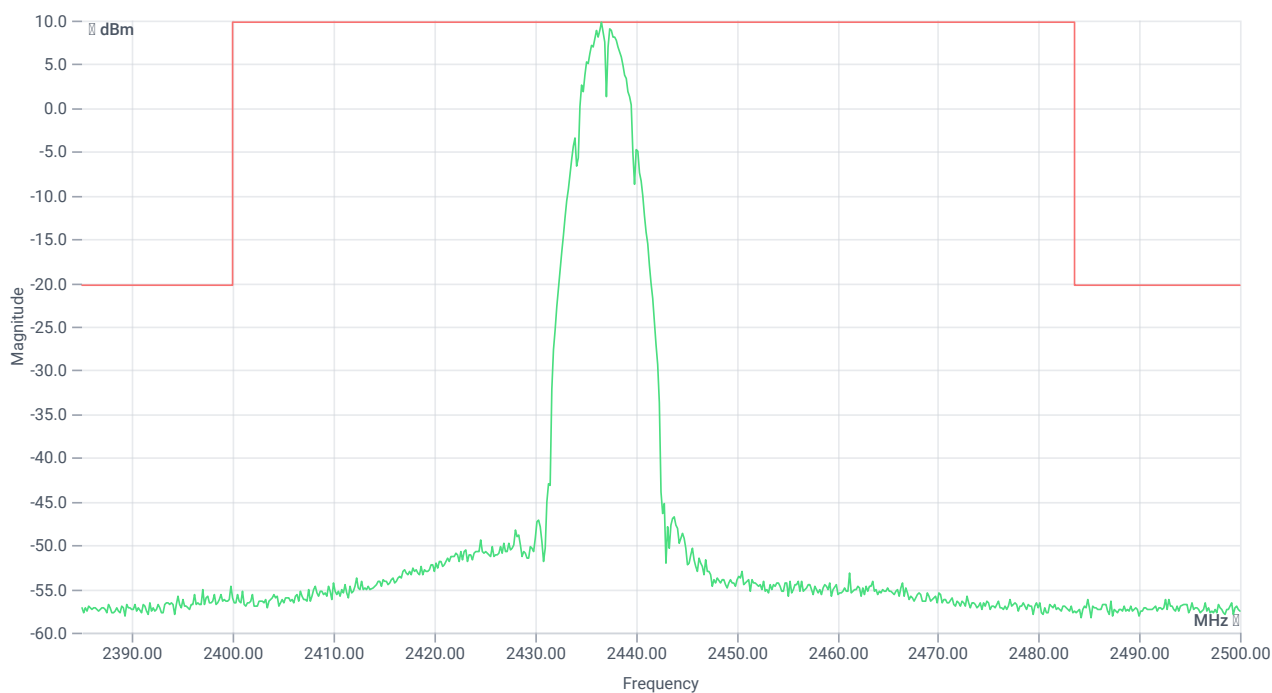
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	21.99	dBm	INFO
Ref. frequency	---	---	2437.000	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	21.99 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2436.67 MHz	---	---	9.80	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 4874 MHz	0	---	23.65	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 b mode

References

TC start	21.04.2026 12:20:32
Ambit temp (test rack) [°C] humidity [rel%]	23.2 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 b mode
Information	DSSS_10MHz(HR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

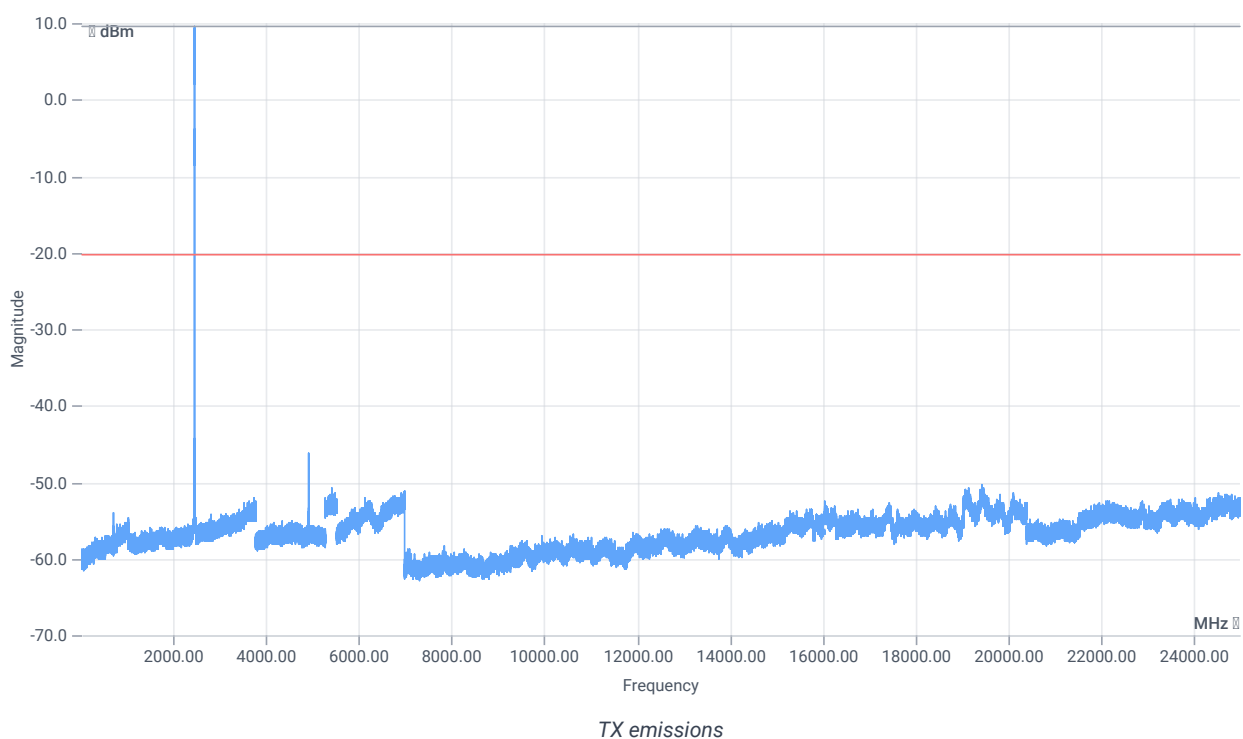
Test Parameter

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] 2437
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2462 MHz

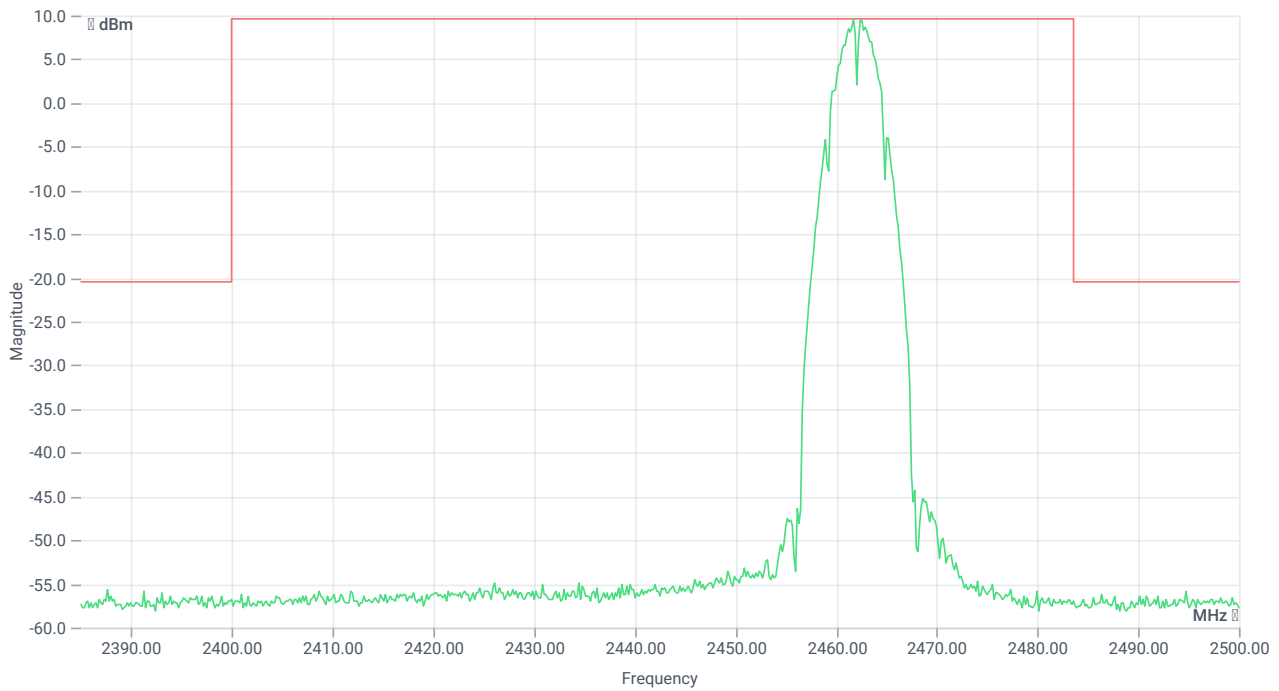
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	22.51	dBm	INFO
Ref. frequency	---	---	2462.000	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	22.51 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2461.67 MHz	---	---	9.63	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 4924 MHz	0	---	25.84	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 b mode

References

TC start	21.04.2026 12:39:32
Ambit temp (test rack) [°C] humidity [rel%]	23.3 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 b mode
Information	DSSS_5MHz(QR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

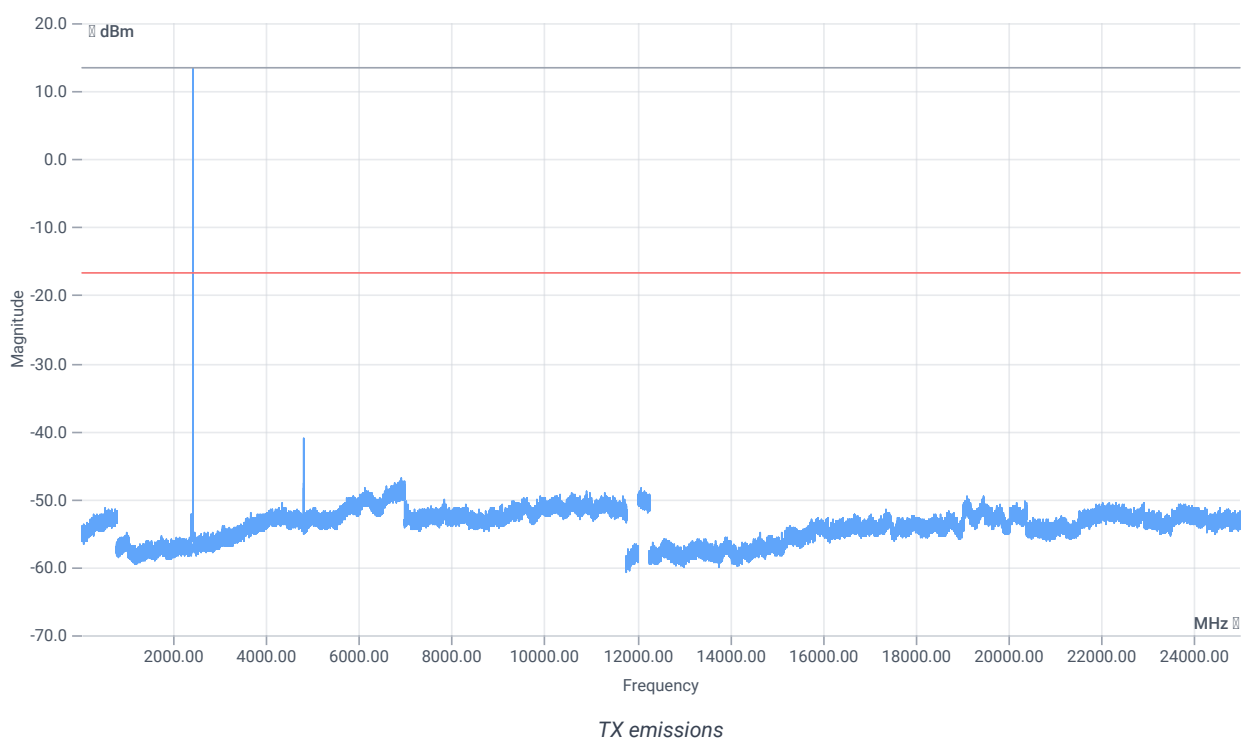
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2412 MHz

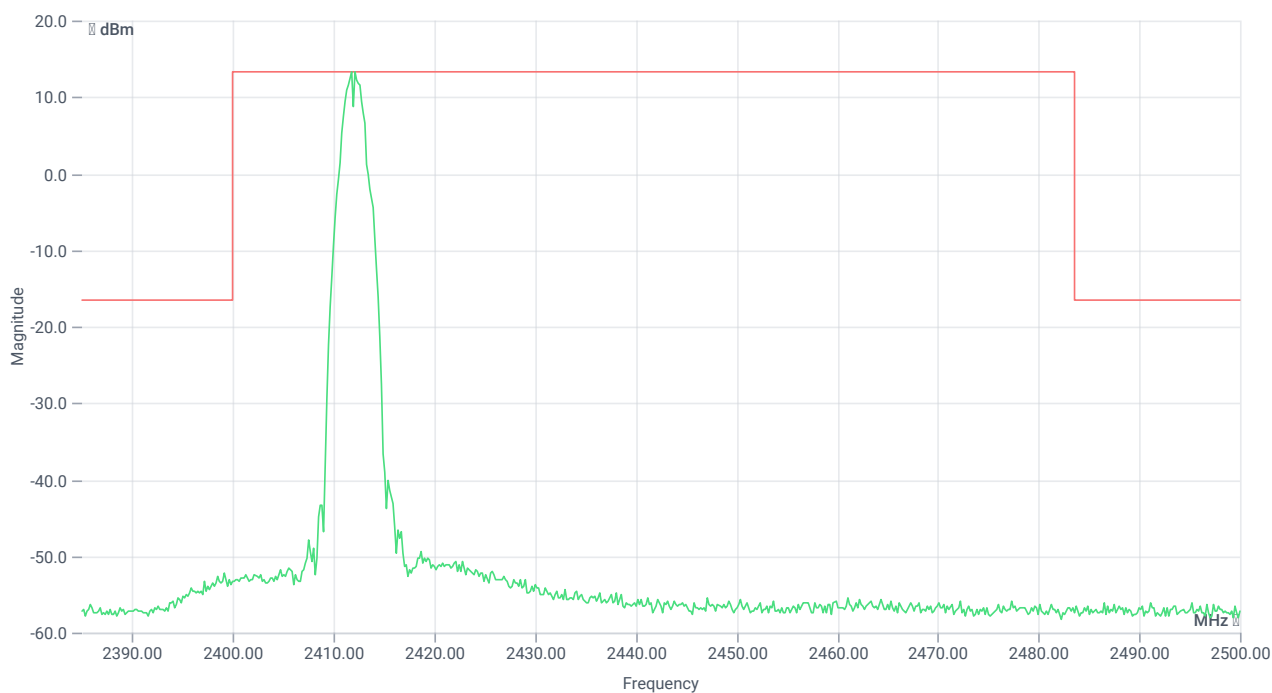
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	25.64	dBm	INFO
Ref. frequency	---	---	2412.000	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	25.64 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



TX emissions band zoomed

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2412.17 MHz	---	---	13.36	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 4824 MHz	0	---	24.31	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 b mode

References

TC start	21.04.2026 13:16:21
Ambit temp (test rack) [°C] humidity [rel%]	23.2 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 b mode
Information	DSSS_5MHz(QR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

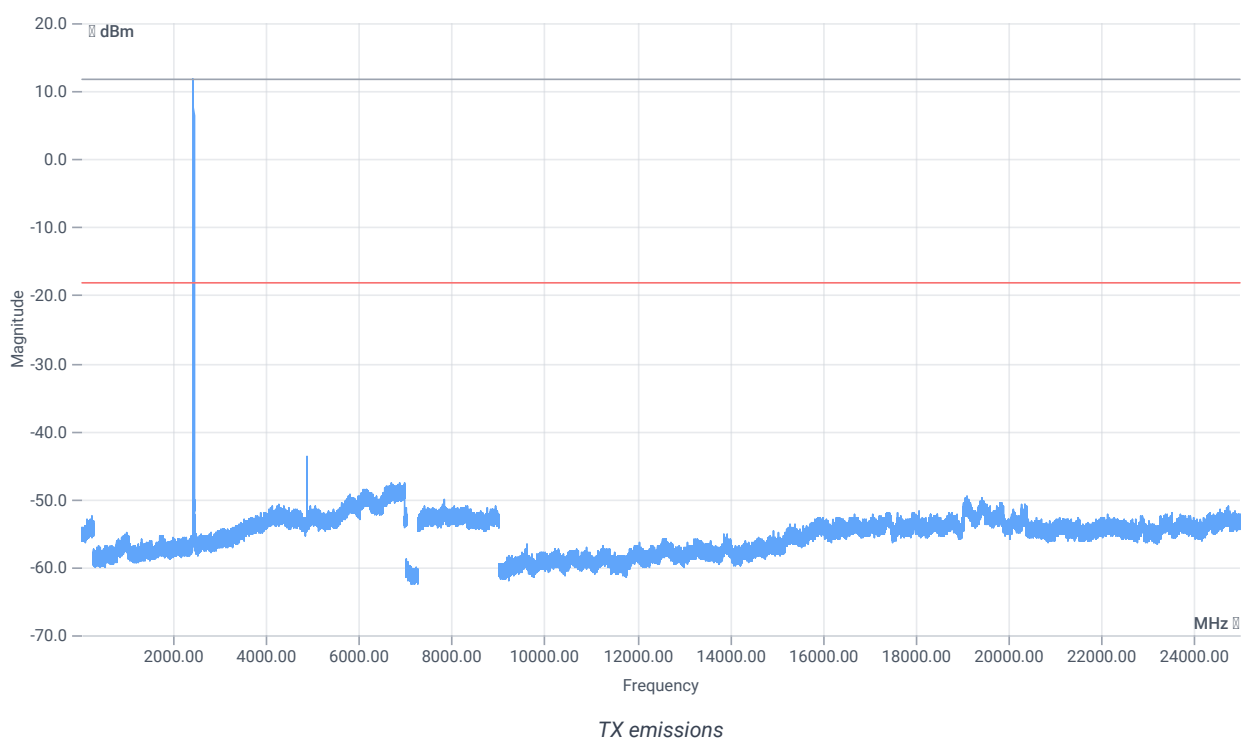
Test Parameter

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] 2437
Frequency high to test	False Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2437 MHz

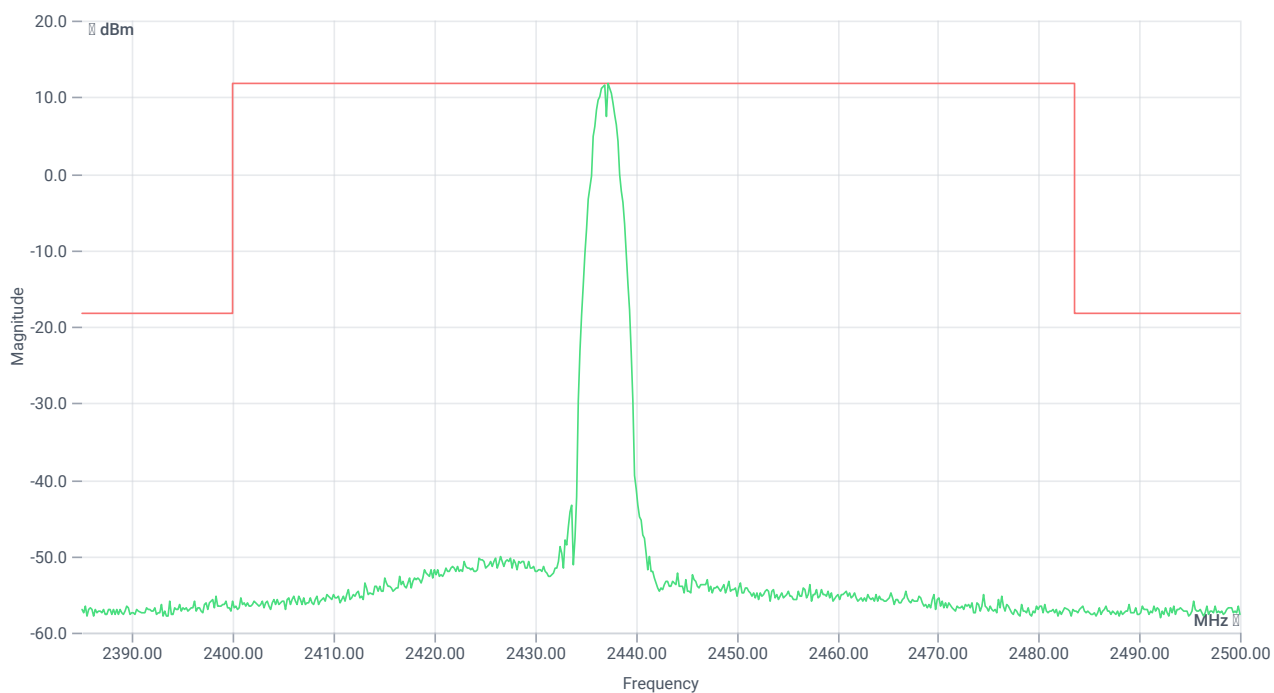
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	24.45	dBm	INFO
Ref. frequency	---	---	2437.000	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	24.45 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



TX emissions band zoomed

RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2437.17 MHz	---	---	11.82	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 4874 MHz	0	---	25.67	dB	INFO

Verdict

PASS

FCC 15.247 # TX spurious conducted 30dBc ~ WLAN2G4 b mode

References

TC start	21.04.2026 13:51:18
Ambit temp (test rack) [°C] humidity [rel%]	23.2 32
System version	6.0.6.0
Standard Version	FCC 15.247 NI
Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable
Description	FCC 15.247 TX Emissions cond. 30dBc DTS - WLAN2G4 b mode
Information	DSSS_5MHz(QR)_ANT1_PS22 avg

EUT Common Settings WLAN2G4

Number of antenna ports	2
User interaction	No

Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.71
Switch matrix,cetecom advanced GmbH,USM,B002,1.0.0

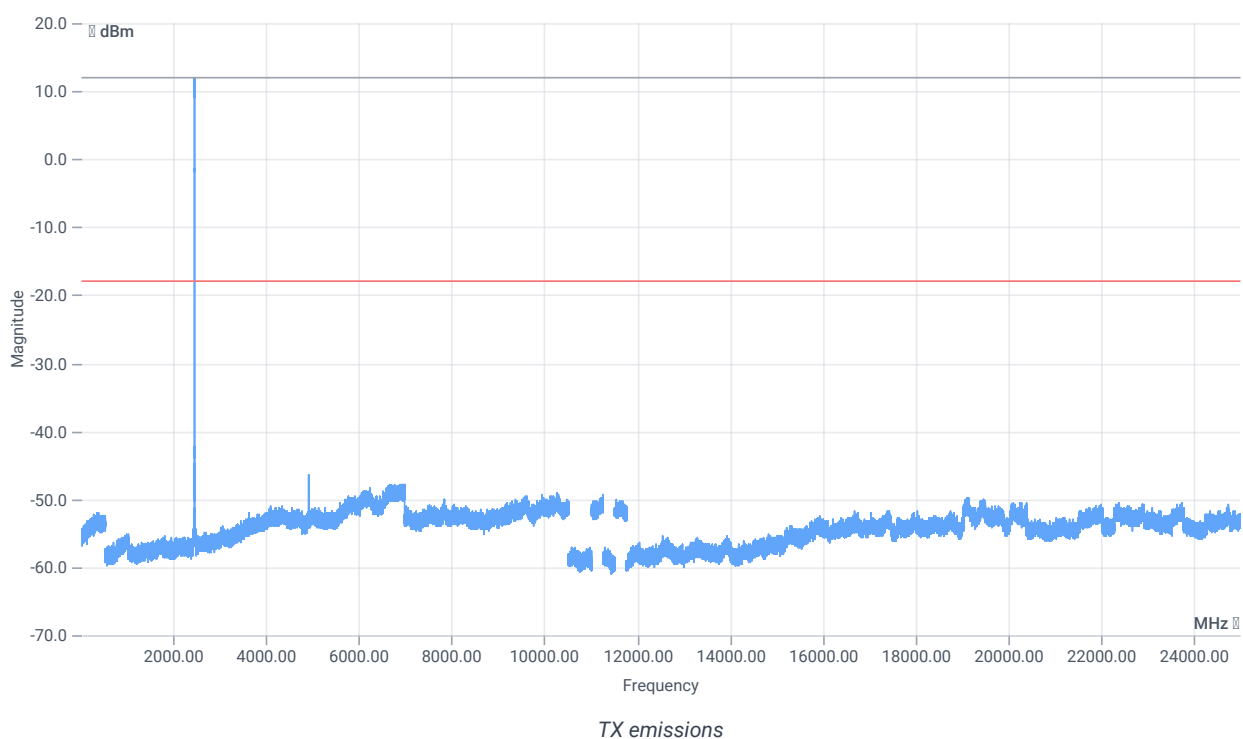
Test Parameter

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] 2437
Frequency high to test	True Freq [MHz] 2462
Auto control enabled power supply Climatic Box	No No
Additional path loss [dB]	0
Full path type	EUT_SA_GEN_SIG
Full path name	EUT1.MP.SIG1/EUT1.SA/EUT1.GEN1/EUT1.GEN2/
Switch bits	00010001:00010001:00000000:00000001

Test at TX 2462 MHz

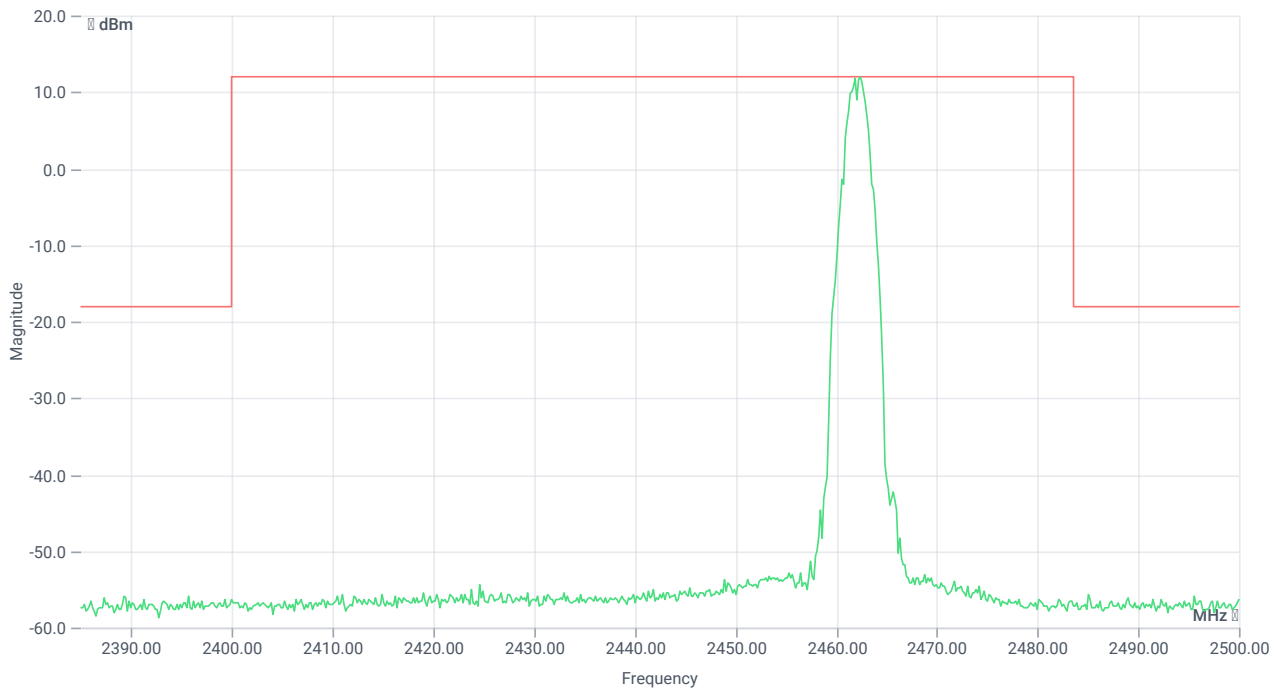
RESULT: Reference power cond.

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Ref. power 1MHz/1MHz cond.	---	---	25.25	dBm	INFO
Ref. frequency	---	---	2462.000	MHz	INFO



READ SA SETTINGS:

RefLevel [dBm] RefLevelOffset [dB] InpAtt [dB]	25.25 21.22 20
Start [MHz] Stop [MHz]	24780.000 25000.000
RBW [MHz] VBW [MHz]	0.100000 0.300000
Detector TraceMode	RMS MAXH
Sweep: time [ms] count points per Section type	200 25 1501 SWE



RESULT

DESCRIPTION	LOWER LIMIT	UPPER LIMIT	MEASURED	UNIT	VERDICT
Reference @ 2462.33 MHz	---	---	12.00	dBm	INFO
No peaks detected	---	---			PASS
Lowest margin to limit 4924 MHz	0	---	28.36	dB	INFO

Verdict

PASS

- END OF DOCUMENT -