Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode_15012020_134150.png

TEST FINISHED

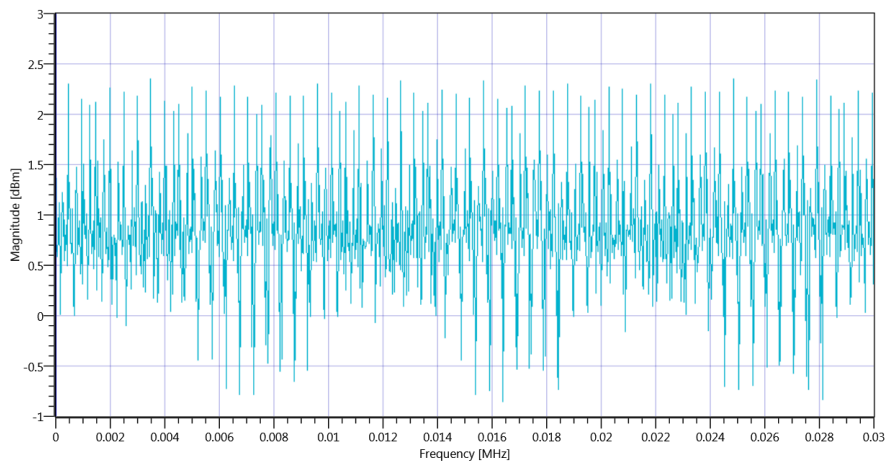| General Verdict	15.01.2020 13:41:51 / RT: 41 s	PASS

102. FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode

Test References	
TC Start	15.01.2020 14:32:03
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - 8.7.3 Integration Method; ANSI C63.10-2013 11.13.3.4 Trace averaging across on- and off-times of the EUT transmissions followed by duty cycle correction
Class / TC Version / TC ID	TC_VM_FCC15247_Restricted_Band_Edge_Conducted_Avg_DC_corrected_V01 Version: 0.0.1	TCID_FCC15247_7
My Description	FCC 15.247 Restricted Band Edge Cond. Avg DC corrected DTS - WLAN 2G4 nHT40_mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2442
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2442 MHz

RESULT:	Duty Cycle evaluation				
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	---	---	1	---	Information
Duty Cycle max	---	---	0	dB	Information
Duty Cycle (Burst Ratio) min	---	---	1	---	Information
Duty Cycle min	---	---	0	dB	Information

Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode 2442 MHz - Duty Cycle_15012020_143220.png

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.35 | 9.91 | 15
Start [MHz] | Stop [MHz]	2483.500 | 2485.500
RBW [MHz] | VBW [MHz]	0.100000 | 0.500000
Detector | TraceMode	RMS | AVER
Sweep: Time [ms] | Count | Points per Section | Type	32 | 300 | 32000 | SWE

RESULT:	TC_VM_FCC15247_Restricted_Band_Edge_Conducted_Avg_DC_corrected_V01				
Test Description	**Lower Limit**	**Upper Limit**	**Measured**	**Unit**	**Verdict**
Duty Cylce worst case	---	---	0	dB	Information
Band Power without Antenna Gain Avg	---	---	-50.66	dBm	Information
Band Power without Antenna Gain Avg DC corrected	---	---	-50.66	dBm	Information
Band Power incl. Antenna Gain Avg DC corrcted	---	-41.23	-47.36	dBm	PASS
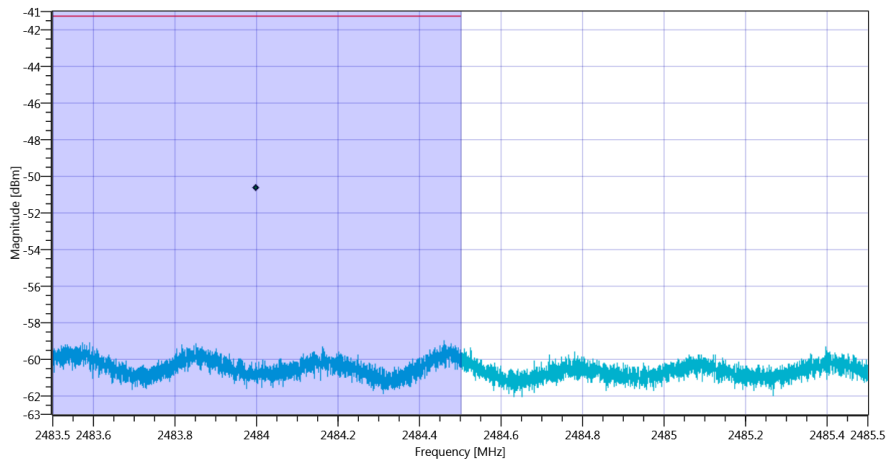
Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode_15012020_143244.png

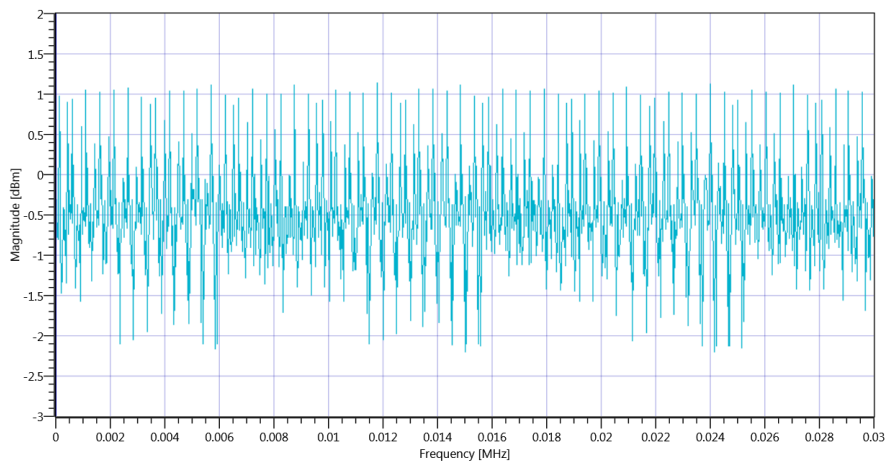| TEST FINISHED		
General Verdict	15.01.2020 14:32:45 / RT: 41 s	PASS

103. FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode

Test References	
TC Start	15.01.2020 14:41:08
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - 8.7.3 Integration Method; ANSI C63.10-2013 11.13.3.4 Trace averaging across on- and off-times of the EUT transmissions followed by duty cycle correction
Class / TC Version / TC ID	TC_VM_FCC15247_Restricted_Band_Edge_Conducted_Avg_DC_corrected_V01 Version: 0.0.1	TCID_FCC15247_7
My Description	FCC 15.247 Restricted Band Edge Cond. Avg DC corrected DTS - WLAN 2G4 nHT40_mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2447
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2447 MHz

RESULT: Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	---	---	1	---	Information
Duty Cycle max	---	---	0	dB	Information
Duty Cycle (Burst Ratio) min	---	---	1	---	Information
Duty Cycle min	---	---	0	dB	Information

Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode 2447 MHz - Duty Cycle_15012020_144125.png

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	8.11 | 9.92 | 15
Start [MHz] | Stop [MHz]	2483.500 | 2485.500
RBW [MHz] | VBW [MHz]	0.100000 | 0.500000
Detector | TraceMode	RMS | AVER
Sweep: Time [ms] | Count | Points per Section | Type	32 | 300 | 32000 | SWE

RESULT: TC_VM_FCC15247_Restricted_Band_Edge_Conducted_Avg_DC_corrected_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Duty Cylce worst case	---	---	0	dB	Information
Band Power without Antenna Gain Avg	---	---	-53.98	dBm	Information
Band Power without Antenna Gain Avg DC corrected	---	---	-53.98	dBm	Information
Band Power incl. Antenna Gain Avg DC corrcted	---	-41.23	-50.68	dBm	PASS
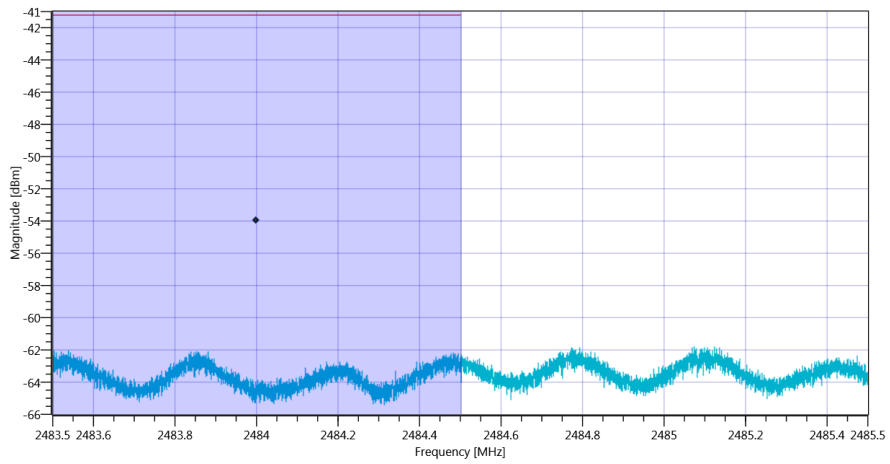
Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode_15012020_144149.png
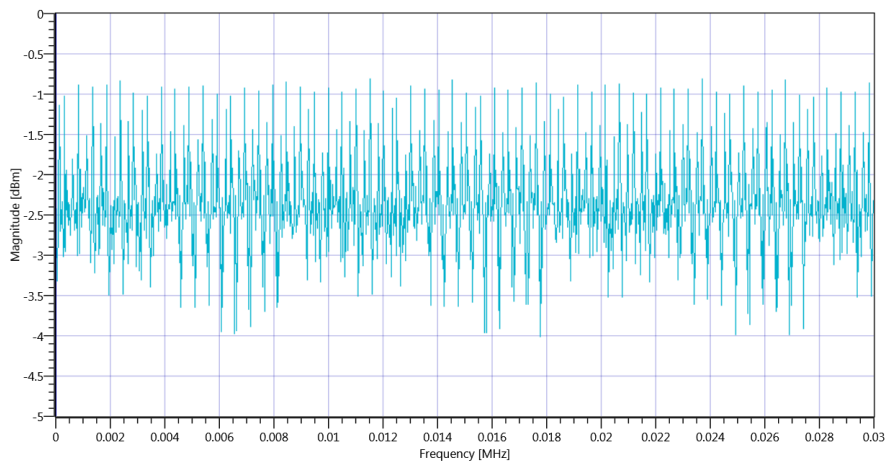
104. FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode

Test References	
TC Start	15.01.2020 14:50:18
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - 8.7.3 Integration Method; ANSI C63.10-2013 11.13.3.4 Trace averaging across on- and off-times of the EUT transmissions followed by duty cycle correction
Class / TC Version / TC ID	TC_VM_FCC15247_Restricted_Band_Edge_Conducted_Avg_DC_corrected_V01 Version: 0.0.1	TCID_FCC15247_7
My Description	FCC 15.247 Restricted Band Edge Cond. Avg DC corrected DTS - WLAN 2G4 nHT40_mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2452
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2452 MHz

RESULT: Duty Cycle evaluation					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
No enough Bursts detected, Duty Cycle Burst Ratio set to 1					
Duty Cycle (Burst Ratio) max	---	---	1	---	Information
Duty Cycle max	---	---	0	dB	Information
Duty Cycle (Burst Ratio) min	---	---	1	---	Information
Duty Cycle min	---	---	0	dB	Information

Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode 2452 MHz - Duty Cycle_15012020_145035.png

READ SA SETTINGS:	
RefLevel [dBm]	RefLevelOffset [dB]	InpAtt [dB]	5.93	9.93	15
Start [MHz]	Stop [MHz]	2483.500	2485.500
RBW [MHz]	VBW [MHz]	0.100000	0.500000
Detector	TraceMode	RMS	AVER
Sweep: Time [ms]	Count	Points per Section	Type	32	300	32000	SWE

RESULT: TC_VM_FCC15247_Restricted_Band_Edge_Conducted_Avg_DC_corrected_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Duty Cylce worst case	---	---	0	dB	Information
Band Power without Antenna Gain Avg	---	---	-55.46	dBm	Information
Band Power without Antenna Gain Avg DC corrected	---	---	-55.46	dBm	Information
Band Power incl. Antenna Gain Avg DC corrcted	---	-41.23	-52.16	dBm	PASS
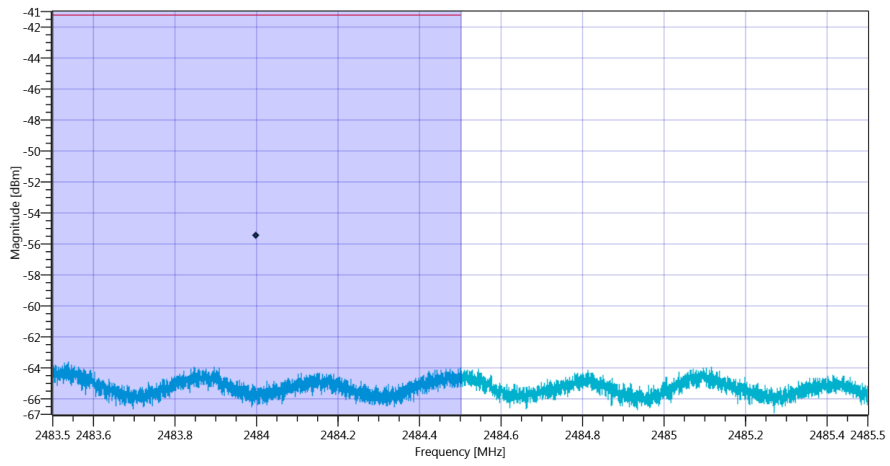
Plot_FCC Part 15.247 Restricted Band Edge Conducted Avg DC corrected DTS ~ WLAN2G4 nHT40-mode_15012020_145059.png

TEST FINISHED		
General Verdict	15.01.2020 14:51:00 / RT: 41 s	PASS

105. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode

Test References	
TC Start	15.01.2020 09:57:31
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 b-mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 b-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2412 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.17 | 0 | 30
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2413.50 MHz	---	---	-0.29	dBm	Information
No peaks detected	---	---			PASS
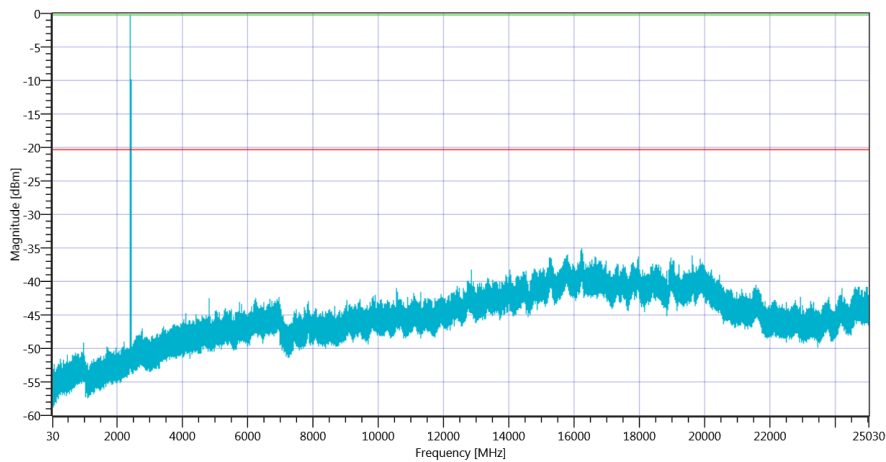
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode 2412_15012020_100228.png
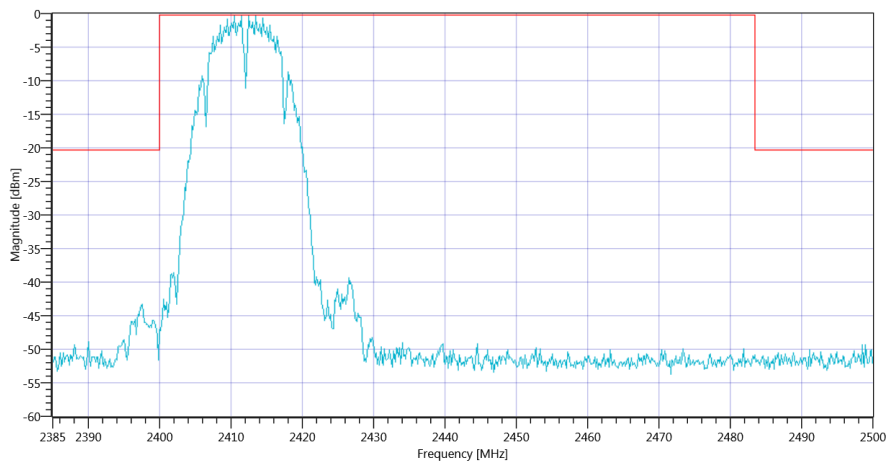
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode 2412_15012020_100231.png

TEST FINISHED		
General Verdict	15.01.2020 10:02:32 / RT: 301 s	PASS

106. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode

Test References	
TC Start	15.01.2020 10:08:34
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 b-mode
Add. Information	

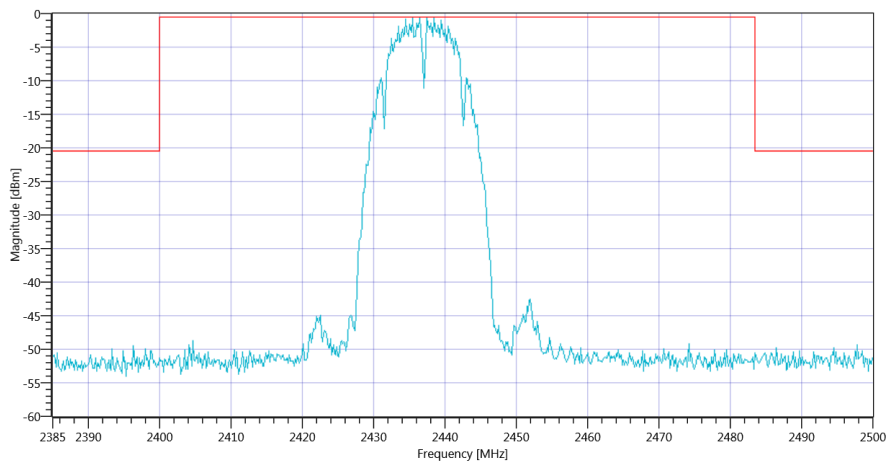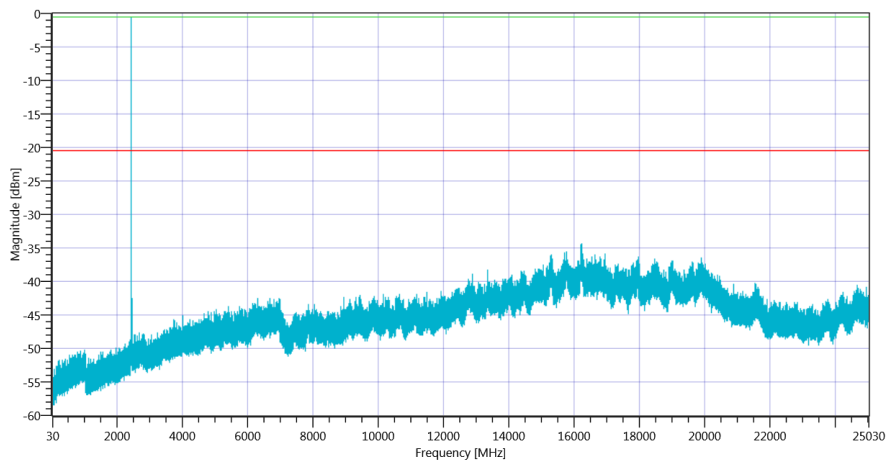| Test Parameter	
Technology to test	WLAN2G4 b-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	True	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2437 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.01 | 0 | 30
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2438.50 MHz	---	---	-0.47	dBm	Information
No peaks detected	---	---			PASS

Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode 2437_15012020_101327.png

Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode 2437_15012020_101330.png

TEST FINISHED		
General Verdict	15.01.2020 10:13:32 / RT: 297 s	PASS

107. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode

Test References	
TC Start	15.01.2020 10:19:46
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 b-mode
Add. Information	

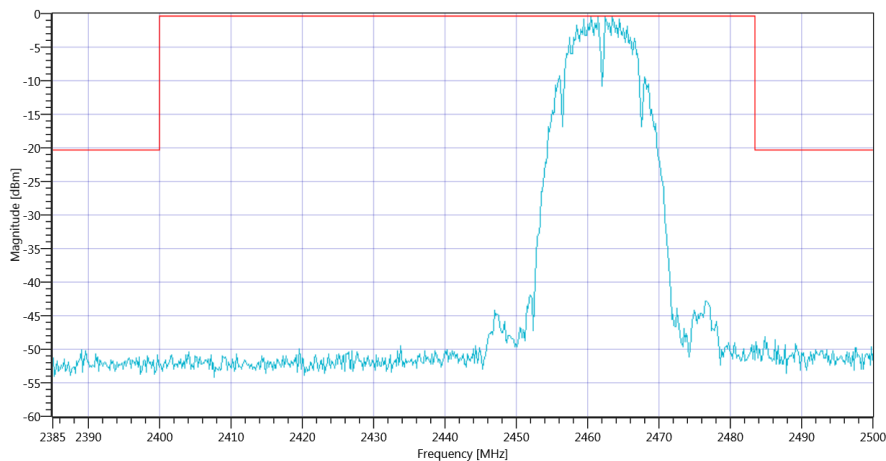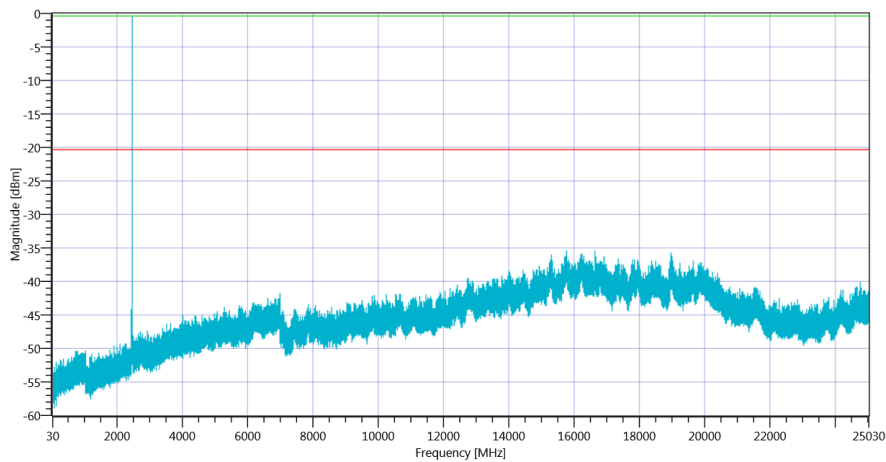| Test Parameter	
Technology to test	WLAN2G4 b-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2462 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.14 | 0 | 30
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2460.50 MHz	---	---	-0.39	dBm	Information
No peaks detected	---	---			PASS

Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode 2462_15012020_102439.png

Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 b-mode 2462_15012020_102442.png

TEST FINISHED		
General Verdict	15.01.2020 10:24:44 / RT: 297 s	PASS

108. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode

Test References	
TC Start	15.01.2020 10:38:23
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 g-mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2412 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	8.63 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2416.17 MHz	---	---	-7.49	dBm	Information
No peaks detected	---	---			PASS
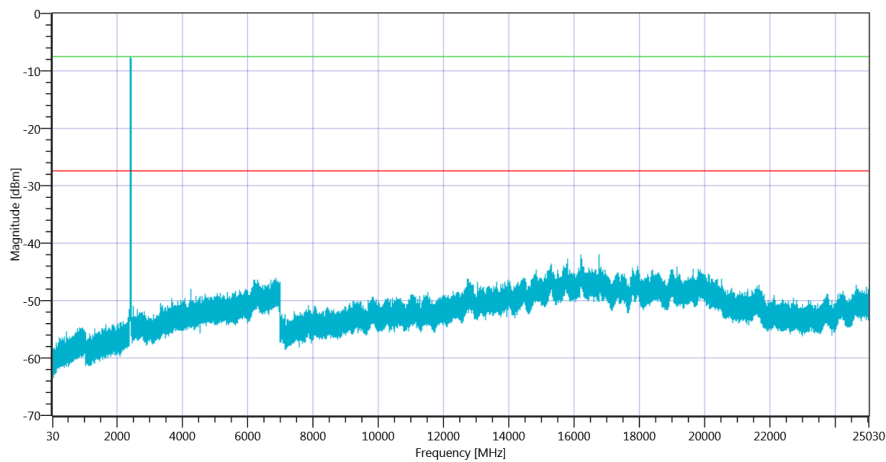
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2412_15012020_104312.png
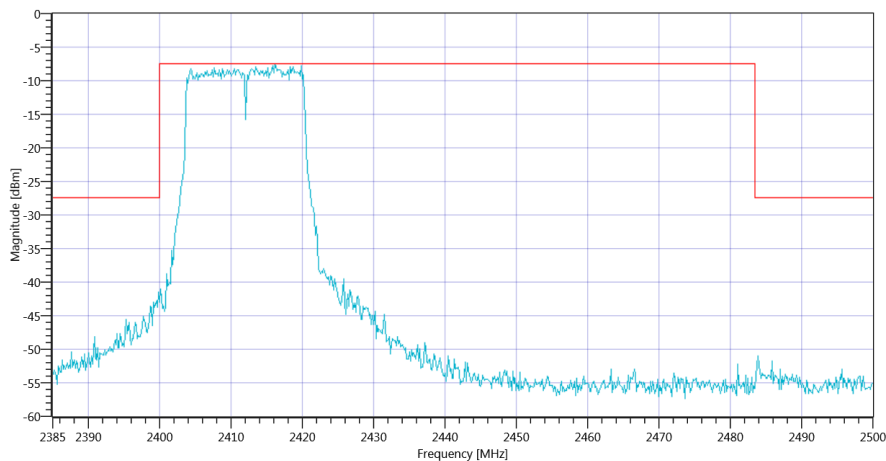
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2412_15012020_104315.png

TEST FINISHED		
General Verdict	15.01.2020 10:43:17 / RT: 293 s	PASS

109. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode

Test References	
TC Start	15.01.2020 10:47:23
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 g-mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2417
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2417 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.67 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT:	TC_VM_FCC15247_TX_Emissions_Conducted_V01				
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2414.33 MHz	---	---	-6.18	dBm	Information
No peaks detected	---	---			PASS
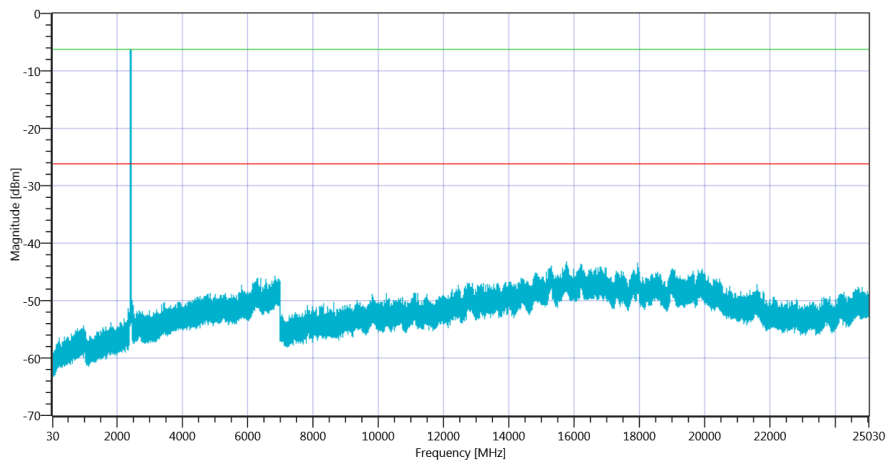
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2417_15012020_105212.png
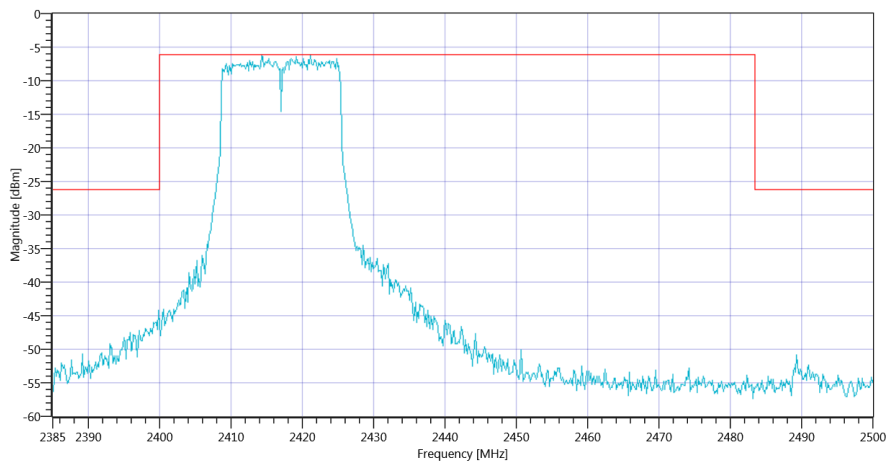
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2417_15012020_105215.png

TEST FINISHED		
General Verdict	15.01.2020 10:52:17 / RT: 293 s	PASS

110. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode

Test References	
TC Start	15.01.2020 10:56:31
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 g-mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2422 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.24 | 0 | 30
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2426.17 MHz	---	---	-5.62	dBm	Information
No peaks detected	---	---			PASS
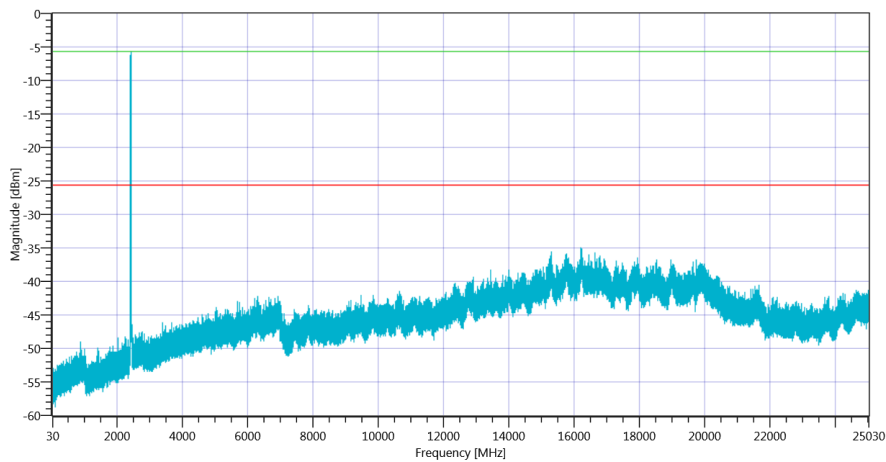
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2422_15012020_110121.png
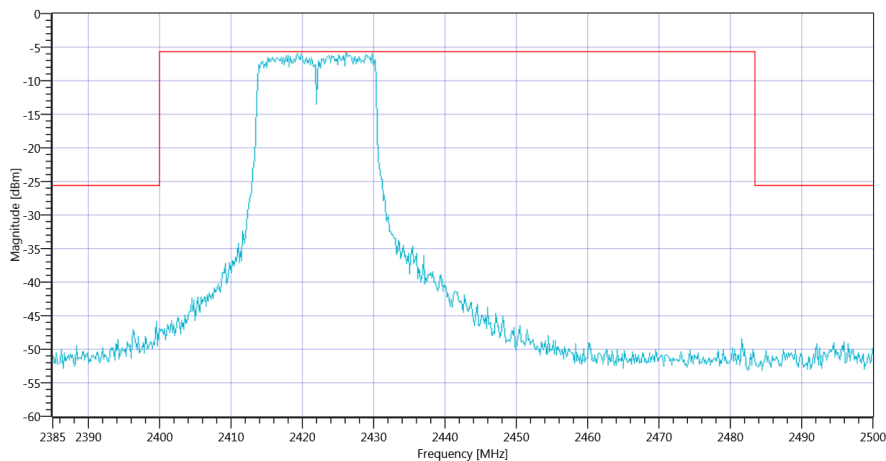
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2422_15012020_110124.png

TEST FINISHED		
General Verdict	15.01.2020 11:01:25 / RT: 294 s	PASS

111. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode

Test References	
TC Start	15.01.2020 11:06:11
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 g-mode
Add. Information	

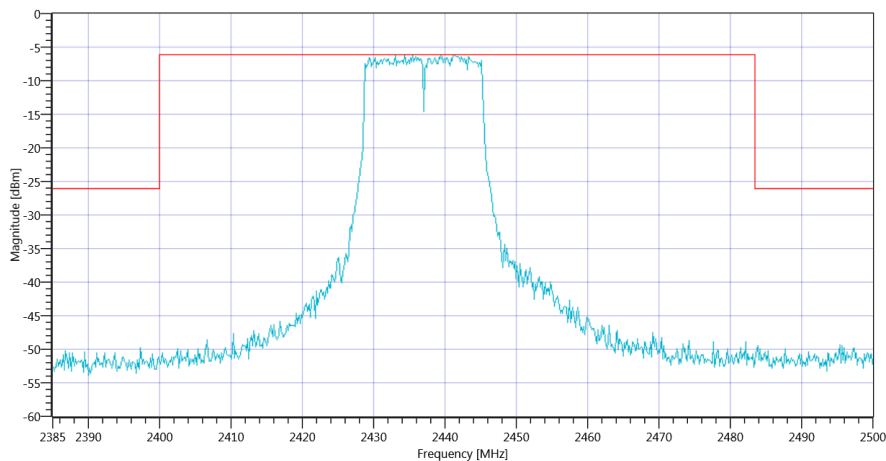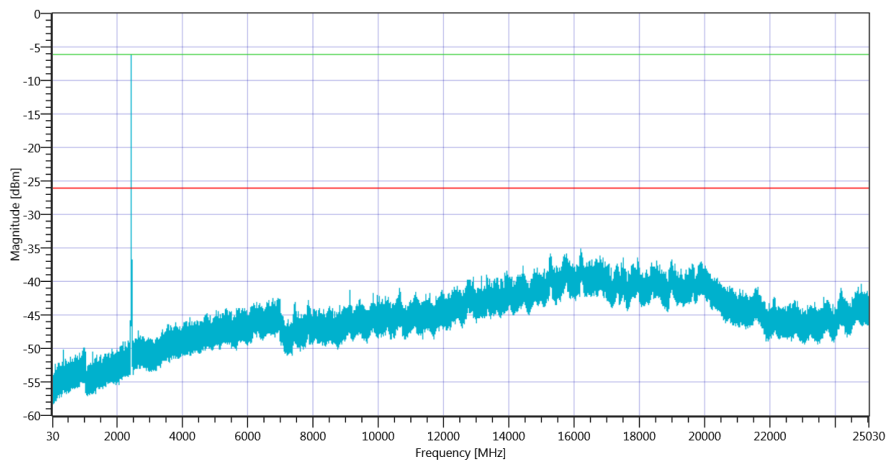| Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	True	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2437 MHz

READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.21 | 0 | 30
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2439.50 MHz	---	---	-6.05	dBm	Information
No peaks detected	---	---			PASS

Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2437_15012020_111100.png

Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2437_15012020_111103.png

TEST FINISHED

General Verdict	15.01.2020 11:11:05 / RT: 293 s	PASS

112. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode

Test References	
TC Start	15.01.2020 11:15:25
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 g-mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2457
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2457 MHz

READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	10.85 | 0 | 30
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2454.33 MHz	---	---	-4.95	dBm	Information
No peaks detected	---	---			PASS
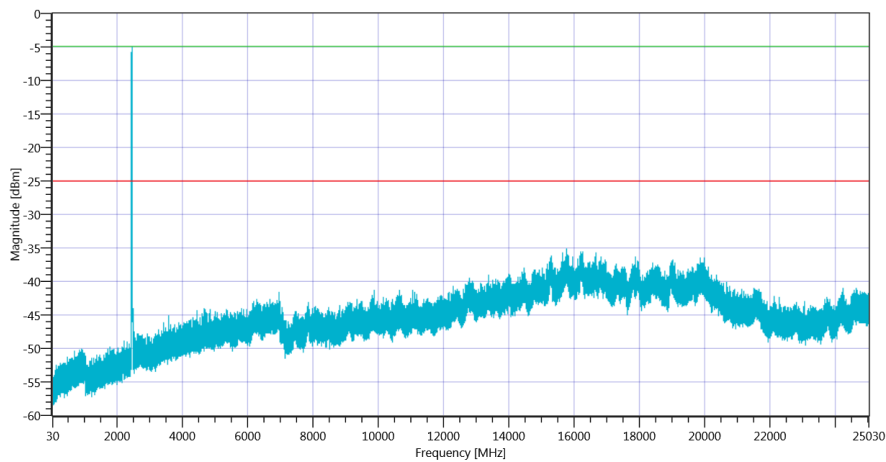
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2457_15012020_112014.png
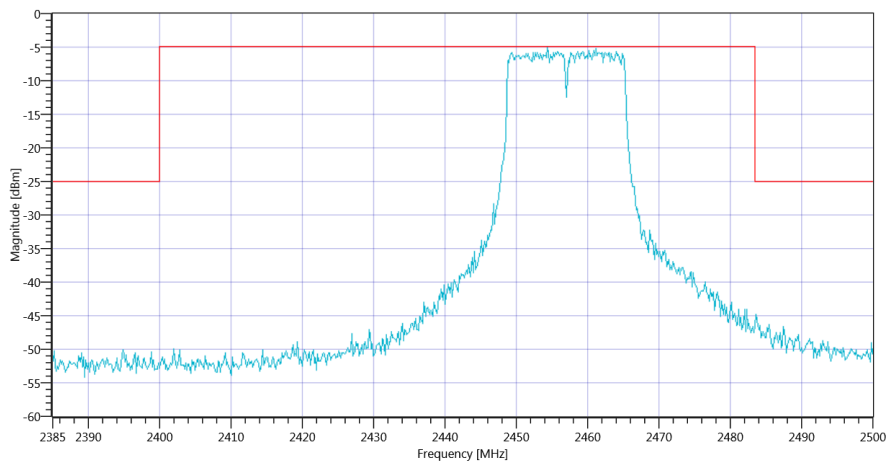
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2457_15012020_112017.png

TEST FINISHED

General Verdict	15.01.2020 11:20:19 / RT: 293 s	PASS

113. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode

Test References	
TC Start	15.01.2020 11:26:21
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 g-mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2462 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.18 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2460.50 MHz	---	---	-7.10	dBm	Information
No peaks detected	---	---			PASS
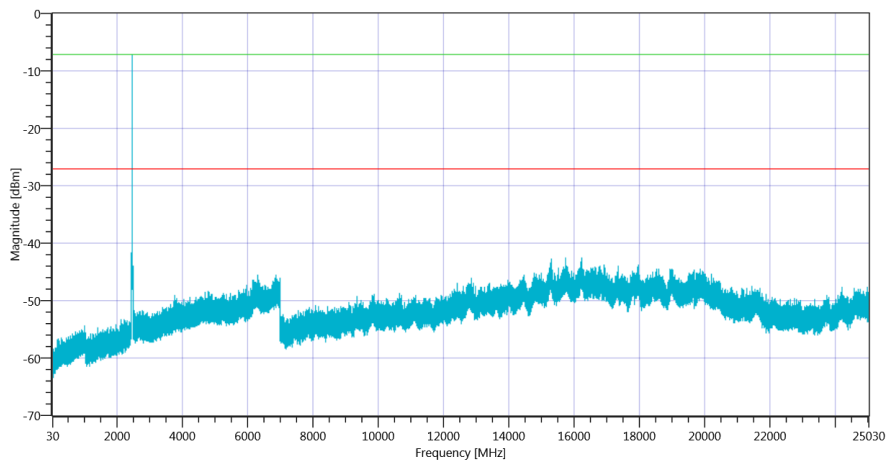
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2462_15012020_113111.png
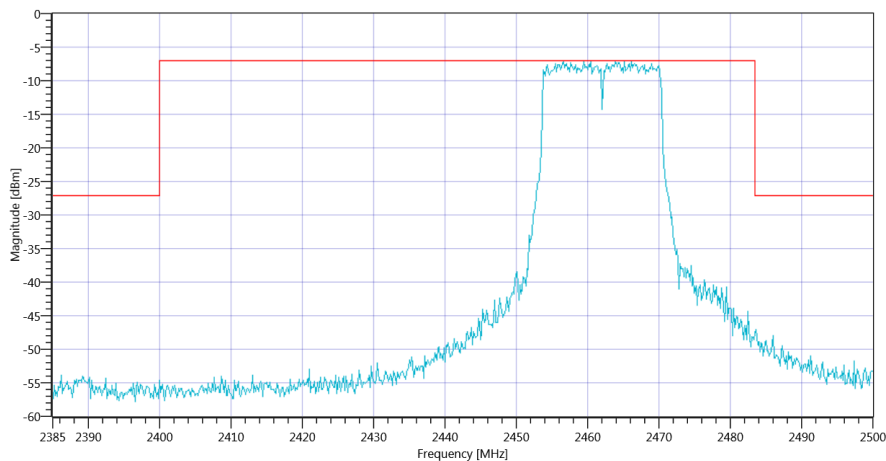
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 g-mode 2462_15012020_113114.png

TEST FINISHED		
General Verdict	15.01.2020 11:31:15 / RT: 294 s	PASS

114. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode

Test References

TC Start	15.01.2020 11:44:25
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT20_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2412 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	7.73 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2409.17 MHz	---	---	-8.29	dBm	Information
No peaks detected	---	---			PASS
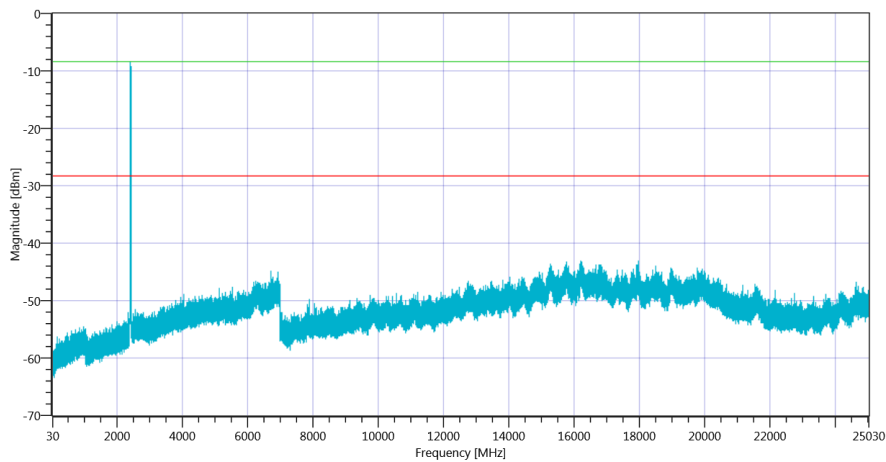
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2412_15012020_114914.png
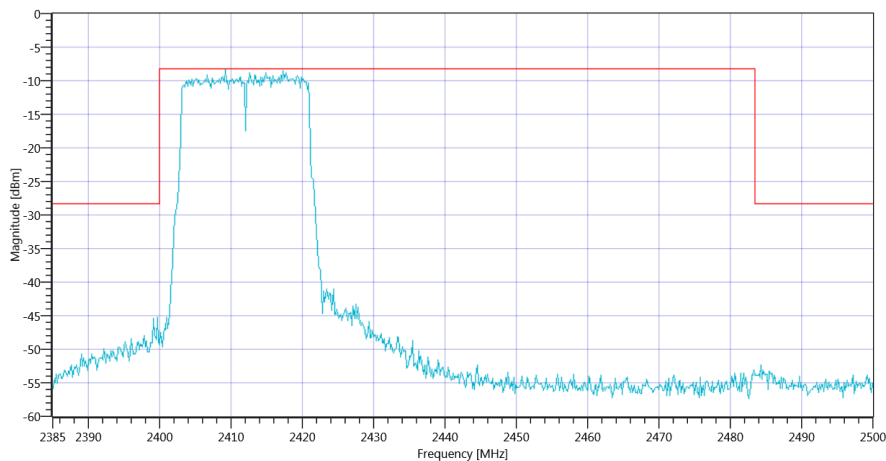
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2412_15012020_114917.png

TEST FINISHED		
General Verdict	15.01.2020 11:49:19 / RT: 293 s	PASS

115. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode

Test References

TC Start	15.01.2020 11:57:52
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT20_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2417
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2417 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.29 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT:	TC_VM_FCC15247_TX_Emissions_Conducted_V01				
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2422.83 MHz	---	---	-6.76	dBm	Information
No peaks detected	---	---			PASS
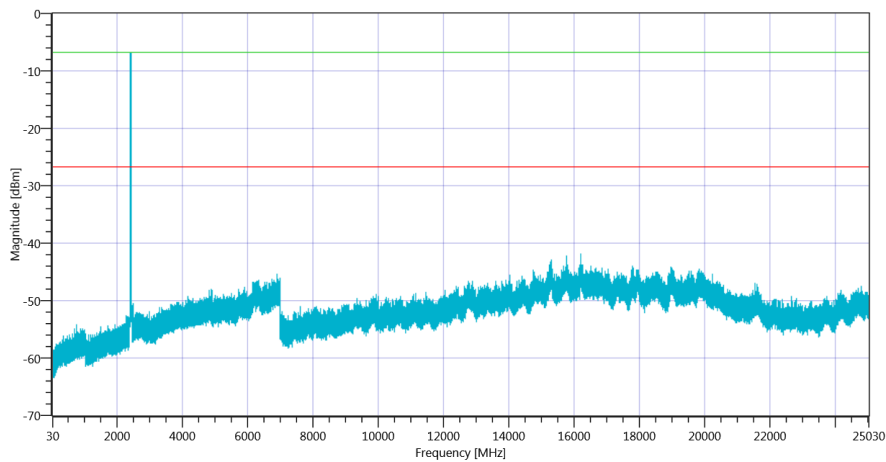
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2417_15012020_120241.png
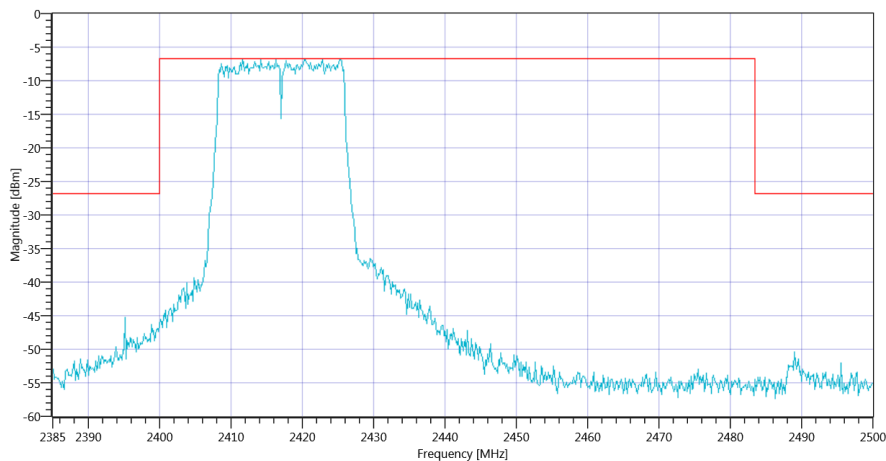
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2417_15012020_120244.png

TEST FINISHED		
General Verdict	15.01.2020 12:02:46 / RT: 293 s	PASS

116. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode

Test References	
TC Start	15.01.2020 12:32:32
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT20_mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	True	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

# Test at TX 2437 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.16 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2434.17 MHz	---	---	-6.62	dBm	Information
No peaks detected	---	---			PASS
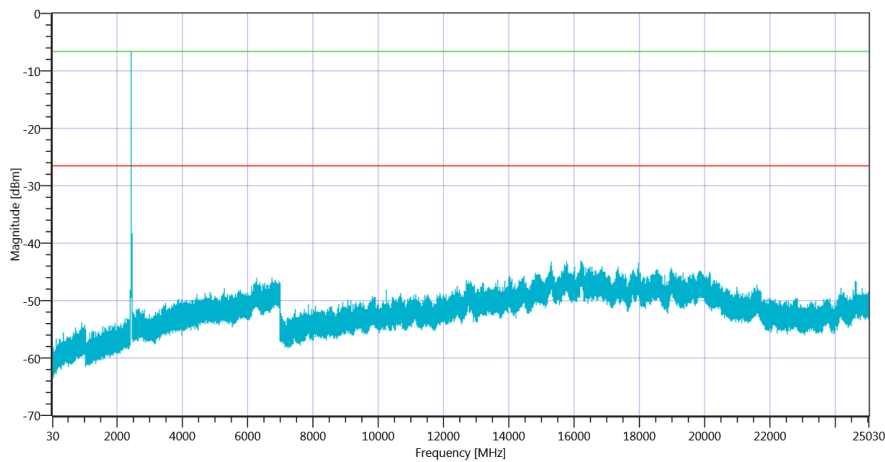
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2437_15012020_123721.png
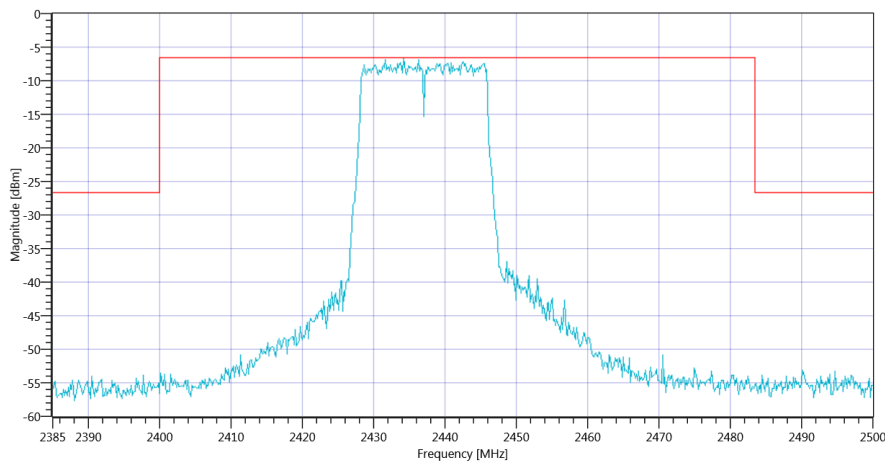
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2437_15012020_123724.png

TEST FINISHED		
General Verdict	15.01.2020 12:37:26 / RT: 293 s	PASS

117. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode

Test References

TC Start	15.01.2020 12:47:46
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1 | TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT20_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False | Freq [MHz] 2412
Frequency mid to test	False | Freq [MHz] 2437
Frequency high to test	True | Freq [MHz] 2457
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	| SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2457 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.61 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2450.50 MHz	---	---	-5.83	dBm	Information
No peaks detected	---	---			PASS
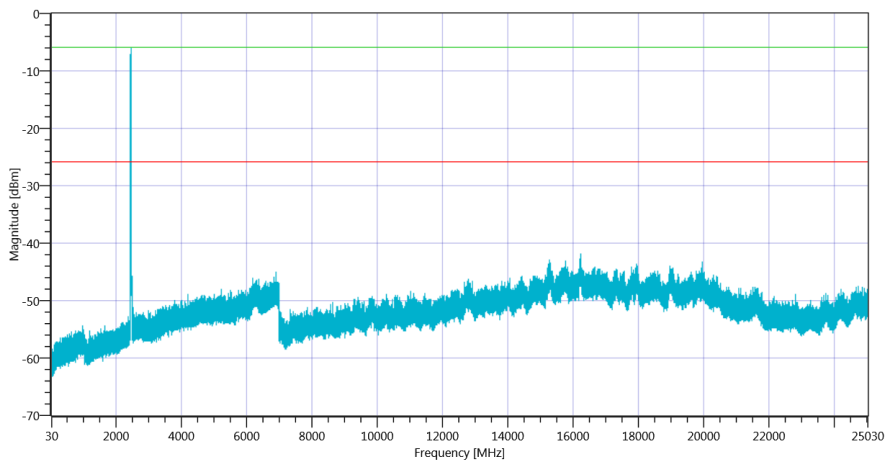
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2457_15012020_125236.png
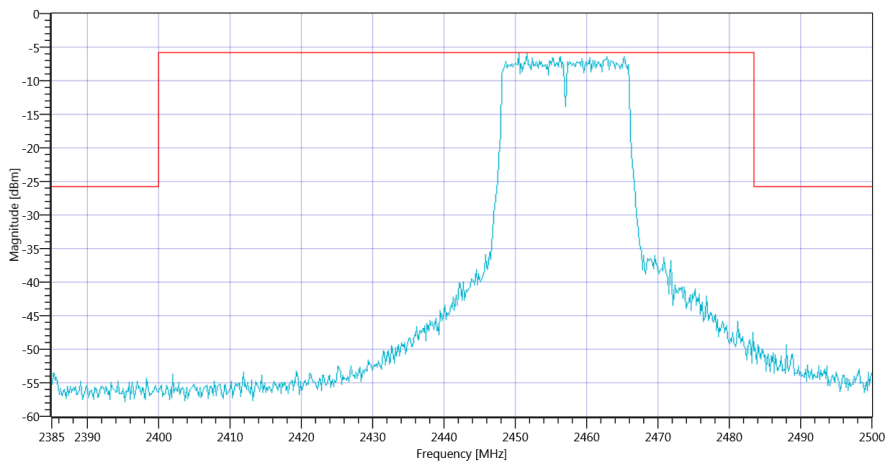
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2457_15012020_125239.png

TEST FINISHED		
General Verdict	15.01.2020 12:52:41 / RT: 294 s	PASS

118. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode

Test References

TC Start	15.01.2020 13:02:00
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT20_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2412
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2462
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2462 MHz

### READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	9.05 | 0 | 25
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2459.17 MHz	---	---	-6.46	dBm	Information
No peaks detected	---	---			PASS
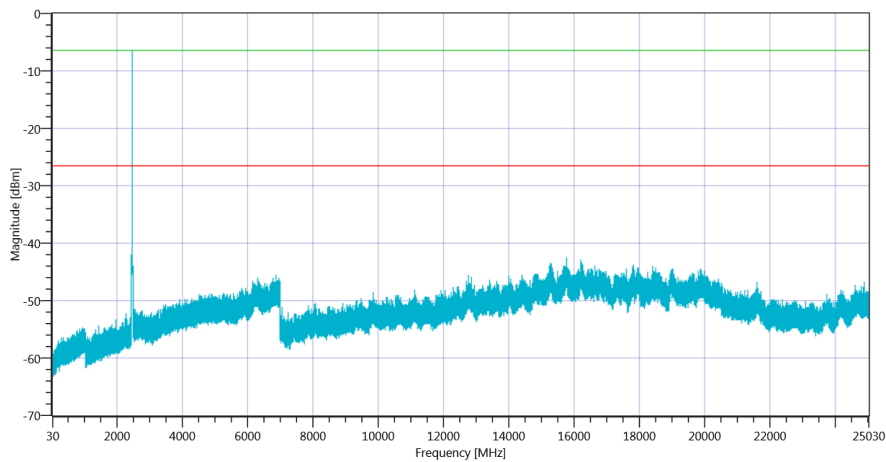
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2462_15012020_130650.png
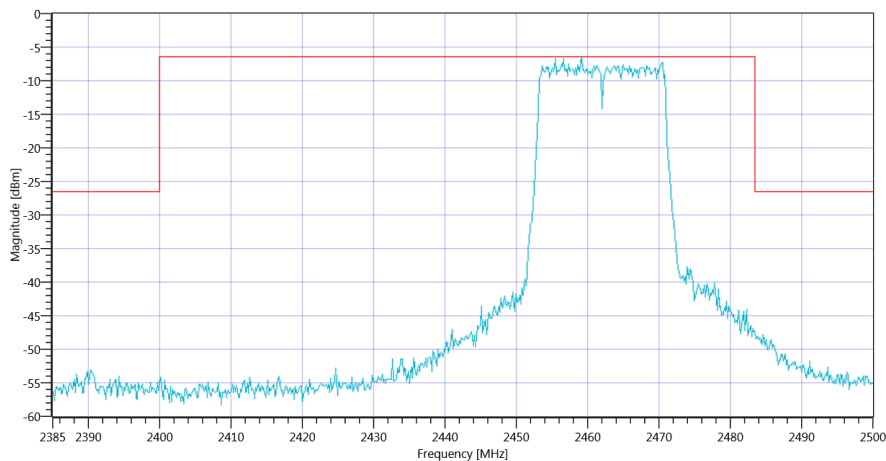
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT20-mode 2462_15012020_130653.png

TEST FINISHED

General Verdict	15.01.2020 13:06:55 / RT: 294 s	PASS

119. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References

TC Start	15.01.2020 13:15:48
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2452
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2422 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	1.83 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2435.33 MHz	---	---	-14.18	dBm	Information
No peaks detected	---	---			PASS
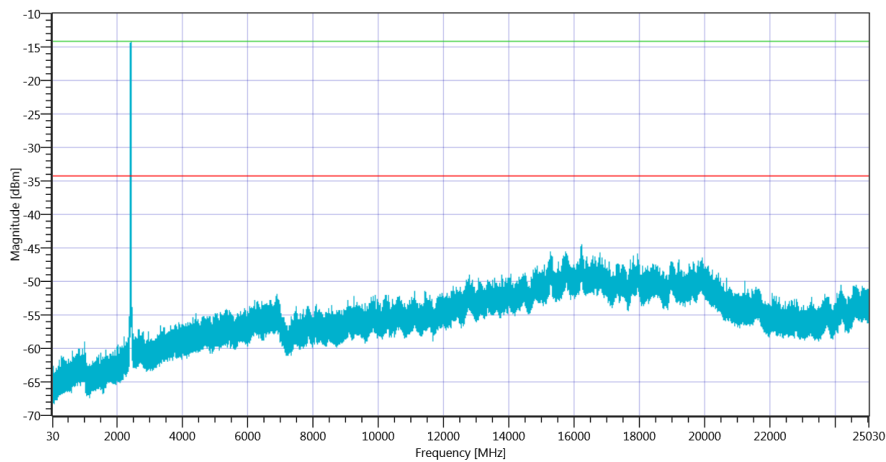
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2422_15012020_132038.png
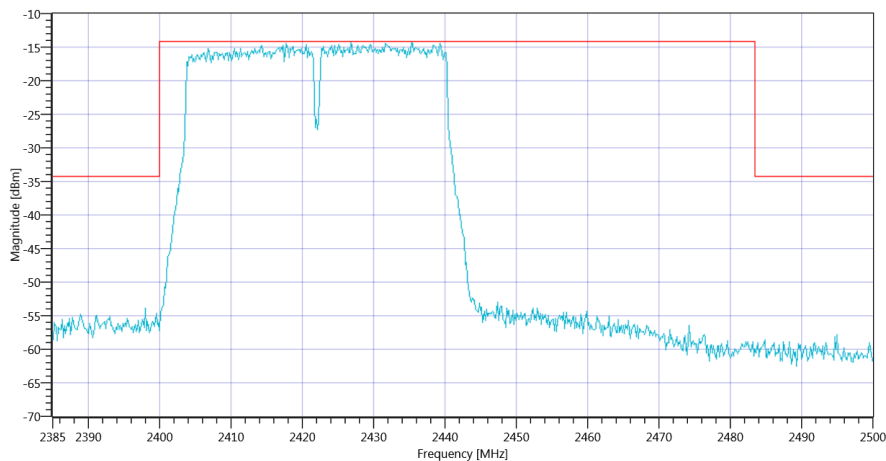
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2422_15012020_132041.png

TEST FINISHED		
General Verdict	15.01.2020 13:20:43 / RT: 294 s	PASS

120. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References	
TC Start	15.01.2020 13:25:09
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2427
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2452
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

# Test at TX 2427 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	2.85 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT:	TC_VM_FCC15247_TX_Emissions_Conducted_V01				
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2430.50 MHz	---	---	-13.04	dBm	Information
No peaks detected	---	---			PASS
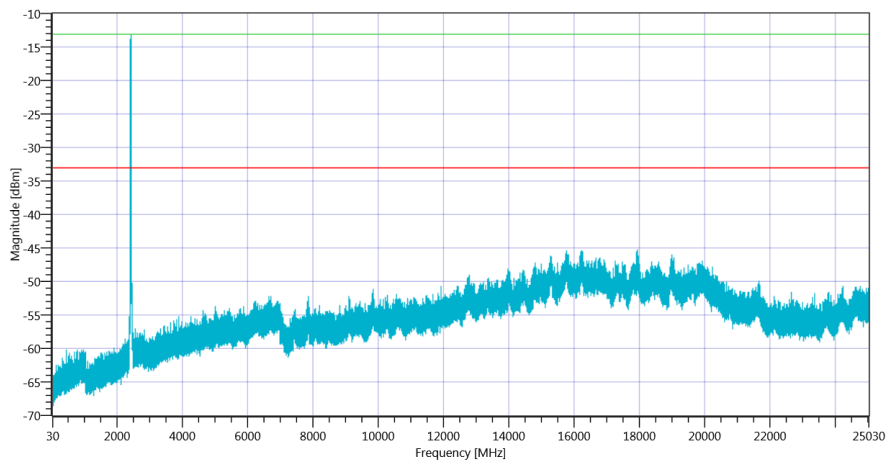
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2427_15012020_132958.png
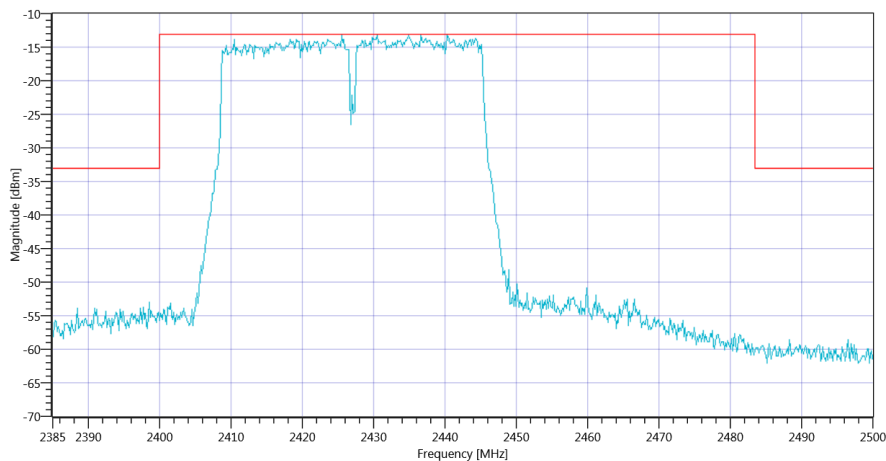
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2427_15012020_133001.png

TEST FINISHED		
General Verdict	15.01.2020 13:30:03 / RT: 294 s	PASS

121. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References

TC Start	15.01.2020 13:36:10
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	True	Freq [MHz] 2432
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2452
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2432 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	3.42 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT:	TC_VM_FCC15247_TX_Emissions_Conducted_V01				
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2448.67 MHz	---	---	-12.81	dBm	Information
No peaks detected	---	---			PASS
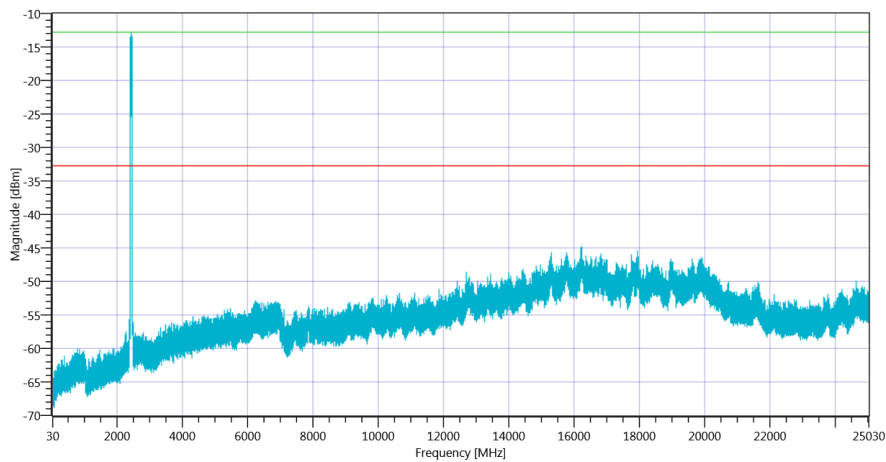
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2432_15012020_134100.png
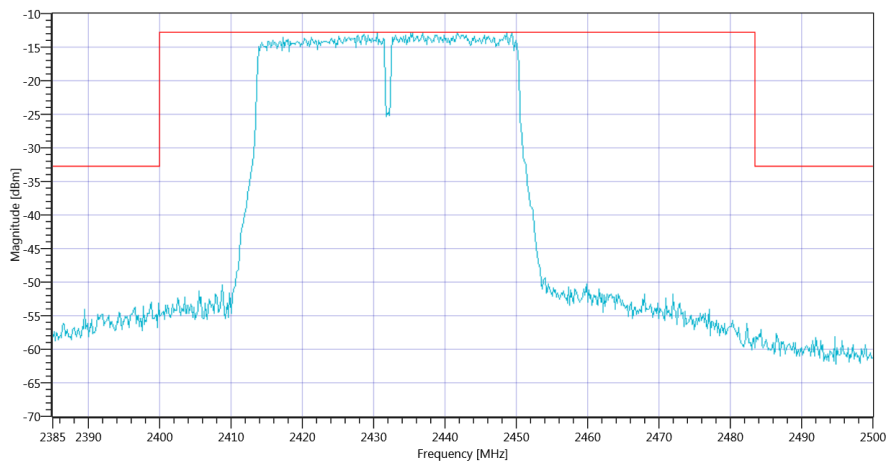
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2432_15012020_134103.png

TEST FINISHED		
General Verdict	15.01.2020 13:41:05 / RT: 294 s	PASS

122. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References	
TC Start	15.01.2020 14:09:32
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

| Test Parameter	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2422
Frequency mid to test	True	Freq [MHz] 2437
Frequency high to test	False	Freq [MHz] 2452
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

## Test at TX 2437 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	4.48 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2435.50 MHz	---	---	-11.64	dBm	Information
No peaks detected	---	---			PASS
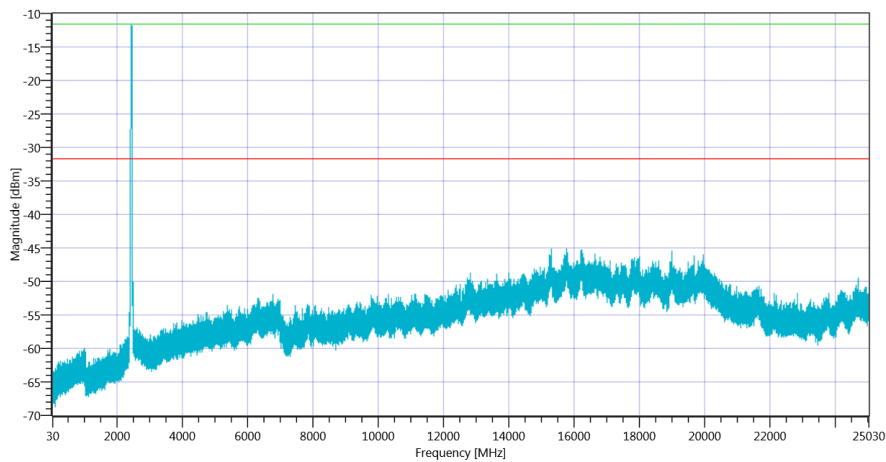
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2437_15012020_141421.png
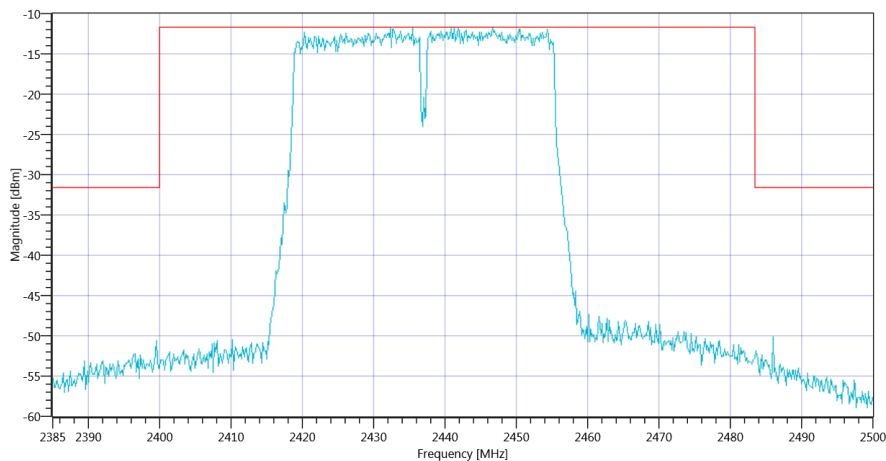
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2437_15012020_141424.png

TEST FINISHED		
General Verdict	15.01.2020 14:14:26 / RT: 293 s	PASS

123. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References

TC Start	15.01.2020 14:27:05
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2442
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2442 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	4.52 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2445.50 MHz	---	---	-11.46	dBm	Information
No peaks detected	---	---			PASS
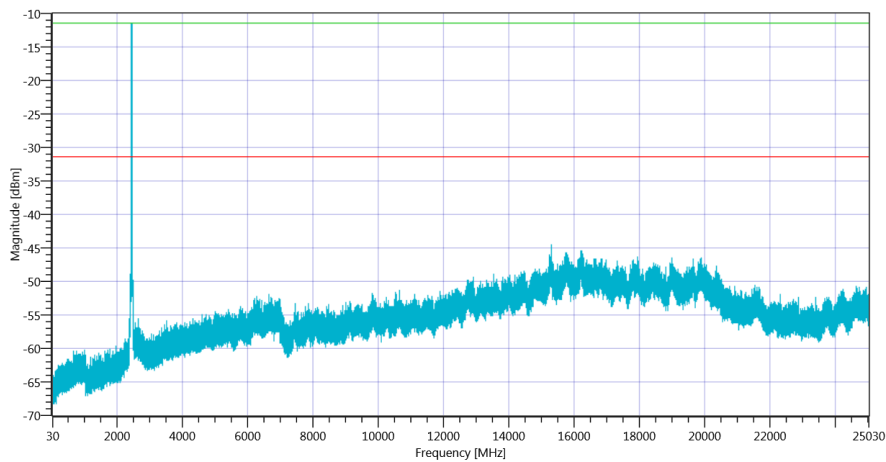
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2442_15012020_143154.png
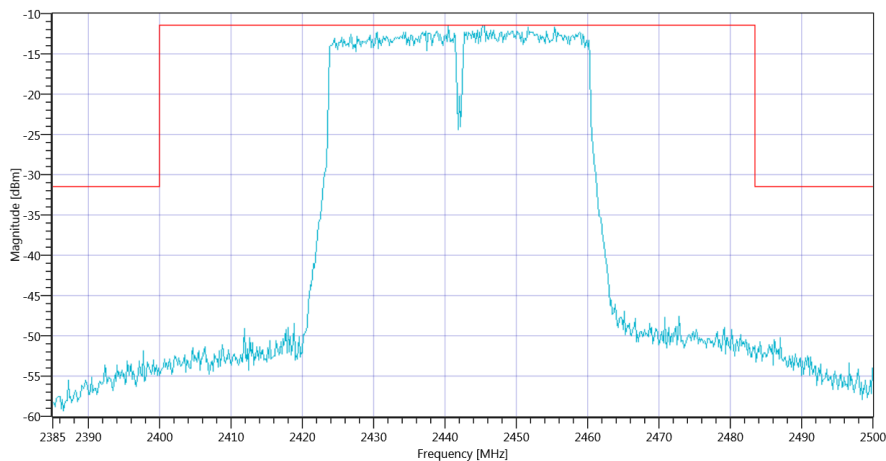
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2442_15012020_143157.png

TEST FINISHED		
General Verdict	15.01.2020 14:31:59 / RT: 294 s	PASS

124. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References

TC Start	15.01.2020 14:36:09
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1	TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False	Freq [MHz] 2422
Frequency mid to test	False	Freq [MHz] 2437
Frequency high to test	True	Freq [MHz] 2447
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use		SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2447 MHz

READ SA SETTINGS:	
RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	3.02 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT:	TC_VM_FCC15247_TX_Emissions_Conducted_V01				
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2455.00 MHz	---	---	-12.97	dBm	Information
No peaks detected	---	---			PASS
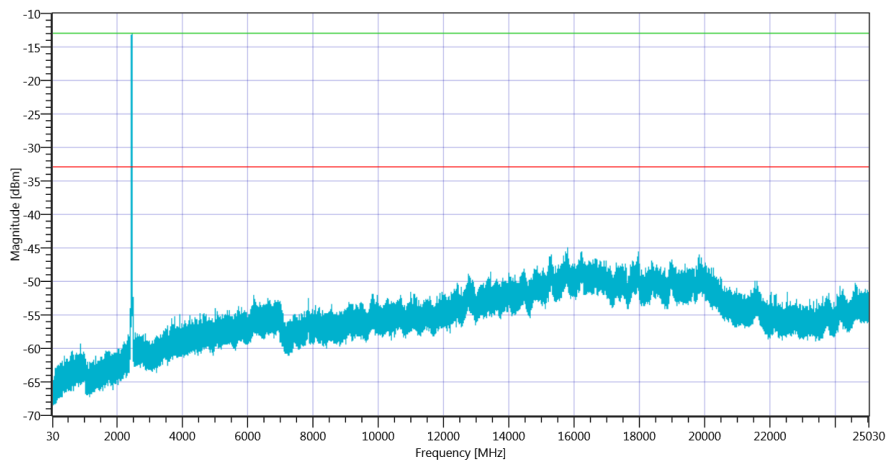
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2447_15012020_144059.png
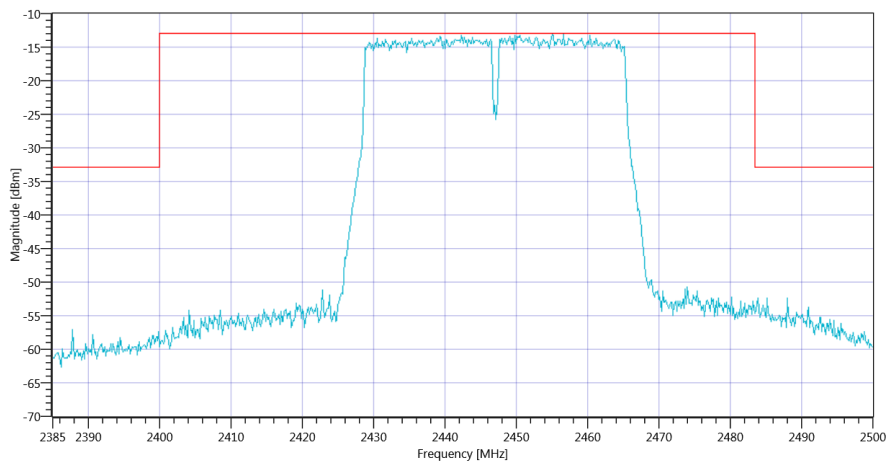
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2447_15012020_144102.png

TEST FINISHED		
General Verdict	15.01.2020 14:41:04 / RT: 294 s	PASS

125. FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode

Test References

TC Start	15.01.2020 14:45:19
System Version	1.0.0.29
Test Specification	FCC Part 15.247
Test Method	IF DTS then 8.5 DTS emissions in non-restricted frequency bands: Subclause 11.11 of ANSI C63.10 is applicable.
Class / TC Version / TC ID	TC_VM_FCC15247_TX_Emissions_Conducted_V01 Version: 0.0.1 | TCID_FCC15247_8
My Description	FCC 15.247 TX Emissions Conducted DTS - WLAN 2G4 nHT40_mode
Add. Information	

Test Parameter

|	
Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	mid
Voltage	mid
Frequency low to test	False | Freq [MHz] 2422
Frequency mid to test	False | Freq [MHz] 2437
Frequency high to test	True | Freq [MHz] 2452
Switched Path	IUT - SignalingUnit - SpectrumAnalyzer
Devices in use	| SA: Rohde&Schwarz,FSV-30,1321.3008K30/103170,3.60

Test at TX 2452 MHz

READ SA SETTINGS:

RefLevel [dBm] | RefLevelOffset [dB] | InpAtt [dB]	1.24 | 0 | 20
Start [MHz] | Stop [MHz]	24530.000 | 25030.000
RBW [MHz] | VBW [MHz]	0.100000 | 0.300000
Detector | TraceMode	POS | MAXH
Sweep: Time [ms] | Count | Points per Section | Type	500 | 8 | 3001 | SWE

RESULT: TC_VM_FCC15247_TX_Emissions_Conducted_V01

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Reference @ 2444.33 MHz	---	---	-14.96	dBm	Information
No peaks detected	---	---			PASS
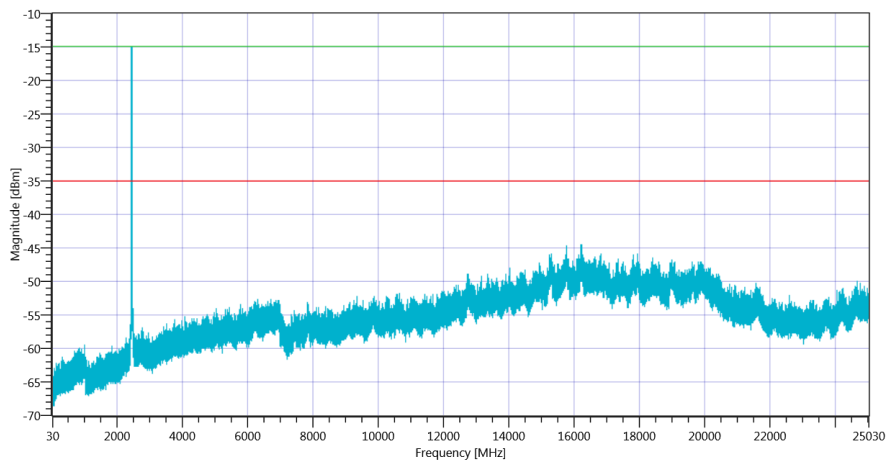
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2452_15012020_145009.png
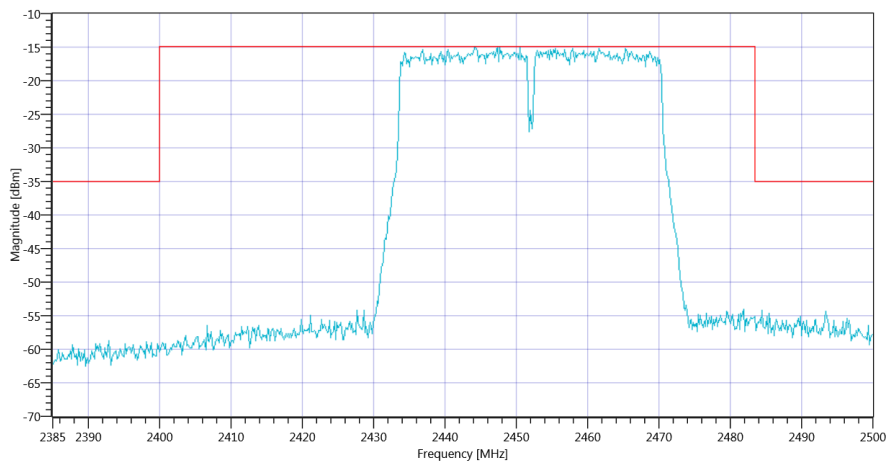
Plot_FCC Part 15.247 TX Spurious Conduced ~ WLAN2G4 nHT40-mode 2452_15012020_145012.png

TEST FINISHED

General Verdict	15.01.2020 14:50:13 / RT: 294 s	PASS

- END OF DOCUMENT -