

Log1_conducted

No.1-1905/21-01-10_Log1_conducted

Log file - conducted results

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Message with SA Scan ~

Test References	
TC Start	13.10.2021 13:57:01
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan b-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 13:57:02
Message	set WLAN2G4 to b mode, Frequency [MHz] 2412 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 b-mode

Test References	
TC Start	13.10.2021 13:57:36
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 b-mode
Add. Information	

EUT Common Settings WLAN2G4	
Number of Antenna Ports	1
User Interaction	No

Test Parameter	
Technology to test	WLAN2G4 b-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06	

Test at TX 2412 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	19.73	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References

TC Start	13.10.2021 13:57:48
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan b-mode
Add. Information	

Test Parameter

Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 13:57:49
Message	set WLAN2G4 to b mode, Frequency [MHz] 2437 ,

Test Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 b-mode

Test References

TC Start	13.10.2021 13:58:44
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 b-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 b-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2437 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	20.58	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 13:58:56
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan b-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 13:58:57
Message	set WLAN2G4 to b mode, Frequency [MHz] 2462

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 b-mode

Test References

TC Start	13.10.2021 13:59:40
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 b-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 b-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2462 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	19.6	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:05:40
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan g-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:05:41
Message	set WLAN2G4 to g-mode, Frequency [MHz] 2412 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 g-mode

Test References

TC Start	13.10.2021 14:06:16
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 g-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 g-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2412 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	22.06	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:06:28
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan g-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:06:29
Message	set WLAN2G4 to g-mode, Frequency [MHz] 2437 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 g-mode

Test References	
TC Start	13.10.2021 14:10:05
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 g-mode
Add. Information	

EUT Common Settings WLAN2G4	
Number of Antenna Ports	1
User Interaction	No

Test Parameter	
Technology to test	WLAN2G4 g-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06	

Test at TX 2437 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	24.13	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:10:17
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan g-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:10:18
Message	set WLAN2G4 to g-mode, Frequency [MHz] 2462

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 g-mode

Test References

TC Start	13.10.2021 14:12:46
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 g-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 g-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2462 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	21.81	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:40:07
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan nHT20-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:40:08
Message	set WLAN2G4 to nHT20-mode, Frequency [MHz] 2412 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 nHT20-mode

Test References

TC Start	13.10.2021 14:40:16
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 nHT20-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2412 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	21.79	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:40:28
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan nHT20-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:40:29
Message	set WLAN2G4 to nHT20-mode, Frequency [MHz] 2437 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 nHT20-mode

Test References	
TC Start	13.10.2021 14:41:19
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 nHT20-mode
Add. Information	

EUT Common Settings WLAN2G4	
Number of Antenna Ports	1
User Interaction	No

Test Parameter	
Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06	

Test at TX 2437 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	24.16	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References

TC Start	13.10.2021 14:41:31
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan nHT20-mode
Add. Information	

Test Parameter

Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:41:32
Message	set WLAN2G4 to nHT20-mode, Frequency [MHz] 2462

Test Equipment

Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 nHT20-mode

Test References

TC Start	13.10.2021 14:42:25
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 nHT20-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 nHT20-mode
Antenna Port used	1
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
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2462 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	20.67	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:44:02
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan nHT40-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:44:03
Message	set WLAN2G4 to nHT40-mode, Frequency [MHz] 2422 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 nHT40-mode

Test References

TC Start	13.10.2021 14:44:11
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 nHT40-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	True Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2437
Frequency high to test	False Freq [MHz] 2452
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2422 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	18.09	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:44:22
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan nHT40-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:44:23
Message	set WLAN2G4 to nHT40-mode, Frequency [MHz] 2437 ,

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 nHT40-mode

Test References

TC Start	13.10.2021 14:46:14
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 nHT40-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	True Freq [MHz] 2437
Frequency high to test	False Freq [MHz] 2452
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2437 MHz

RESULT					
Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	19.98	dBm	PASS
General verdict			PASS		

Message with SA Scan ~

Test References	
TC Start	13.10.2021 14:46:26
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	None
Test Method	
TC Version	0.0.1
My Description	Message with SA Scan nHT40-mode
Add. Information	

Test Parameter	
Switched Path	EUT - SignalingUnit - SpectrumAnalyzer
Message start	13.10.2021 14:46:27
Message	set WLAN2G4 to nHT40-mode, Frequency [MHz] 2452

Test Equipment	
Signal analyzer,Rohde&Schwarz,FSV-40,1307.9002K40/101042,3.60	
Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI	

General verdict

INFO

FCC Part 15.247 Maximum Peak Conducted Output Power Powermeter DTS ~ WLAN2G4 nHT40-mode

Test References

TC Start	13.10.2021 14:47:57
Ambit Temp [°C] Humidity [rel%]	20.7 38
System Version	3.0.2.1
Test Specification	FCC Part 15.247
Test Method	DTS: KDB 558074 D01 V05 - Chapter 8.3.1.3 PKPM1 Peak-reading Power Meter Method
TC Version	0.0.1
My Description	FCC 15.247 Maximum Peak Output Power Powermeter Conducted DTS - WLAN 2G4 nHT40-mode
Add. Information	

EUT Common Settings WLAN2G4

Number of Antenna Ports	1
User Interaction	No

Test Parameter

Technology to test	WLAN2G4 nHT40-mode
Antenna Port used	1
Temperature	nom
Voltage	nom
Frequency low to test	False Freq [MHz] 2422
Frequency mid to test	False Freq [MHz] 2437
Frequency high to test	True Freq [MHz] 2452
Auto Control enabled Power Supply Climatic Box	No No
Additional Path Loss [dB]	0
Switched Path	EUT - SignalingUnit - PowerMeter

Test Equipment

Switch matrix,CTCadvanced,SPM-4 NI DAQ,28016133,NI
Power sensor,Keysight Technologies,U2021XA,MY59190010,A.04.06

Test at TX 2452 MHz

RESULT

Test Description	Lower Limit	Upper Limit	Measured	Unit	Verdict
Found Peak cond.	---	---	19.2	dBm	PASS

General verdict

PASS

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