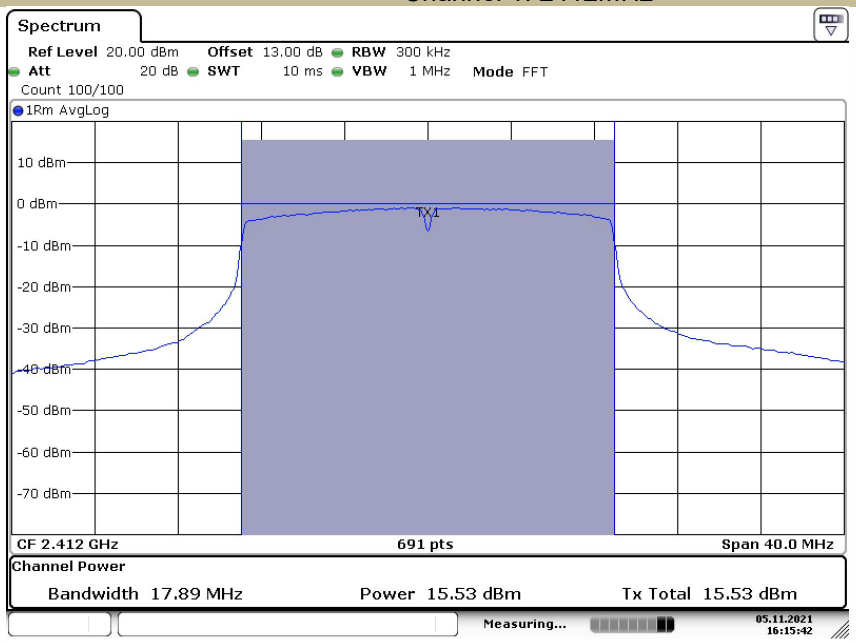
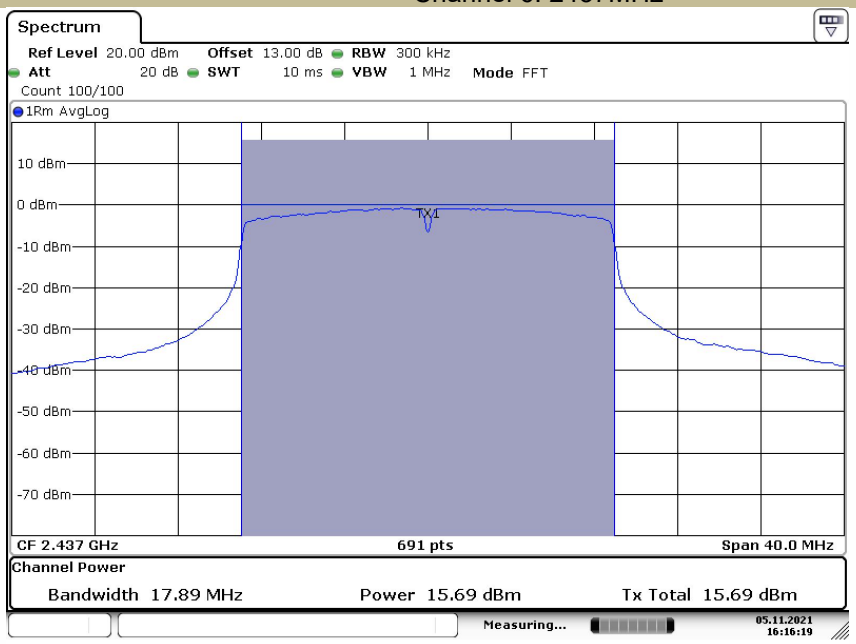
Test Model	Maximum Conducted Output Power 802.11n (HT20) Channel 1: 2412MHz



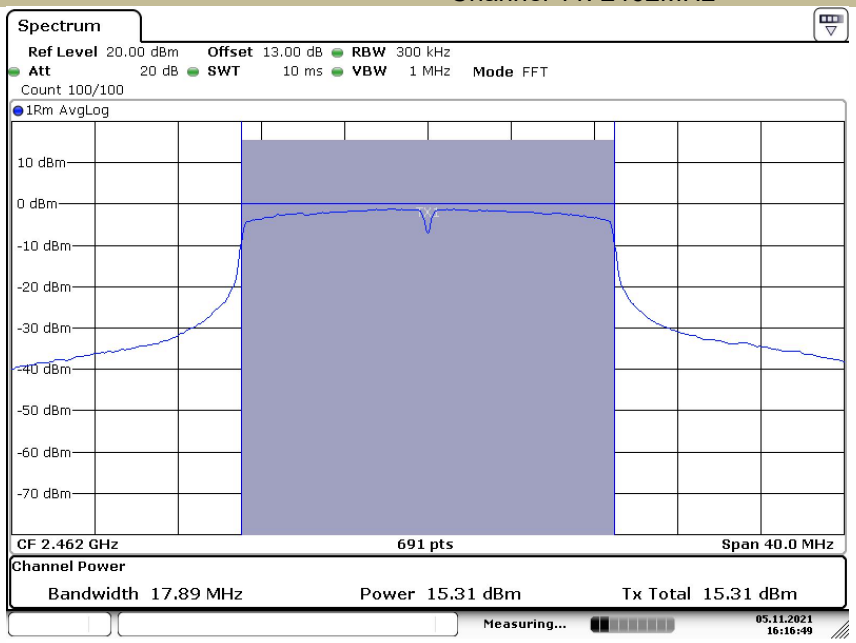
Date: 5.NOV.2021 16:15:41

Test Model	Maximum Conducted Output Power 802.11n (HT20) Channel 6: 2437MHz



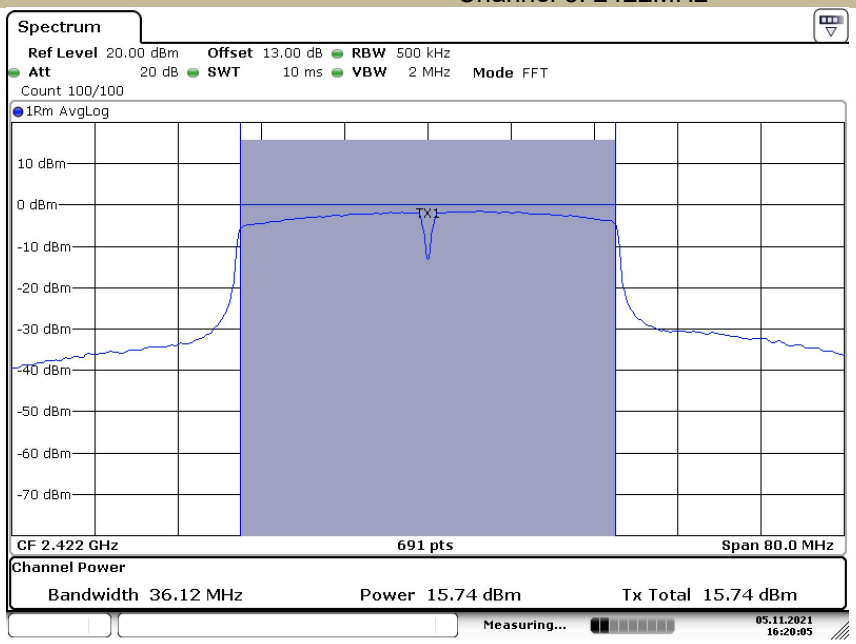
Date: 5.NOV.2021 16:16:19

Test Model	Maximum Conducted Output Power 802.11n (HT20) Channel 11: 2462MHz



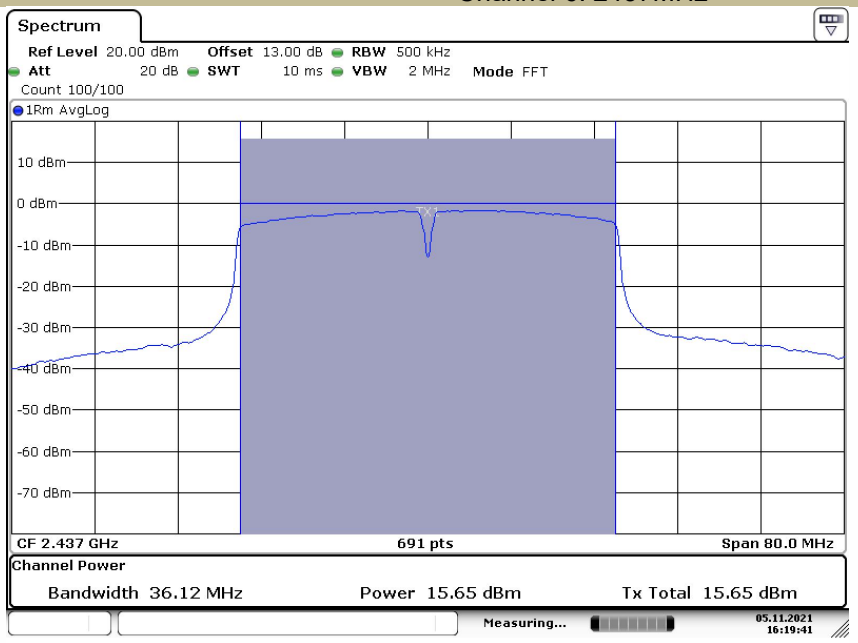
Date: 5.NOV.2021 16:16:49

Test Model	Maximum Conducted Output Power 802.11n (HT40) Channel 3: 2422MHz



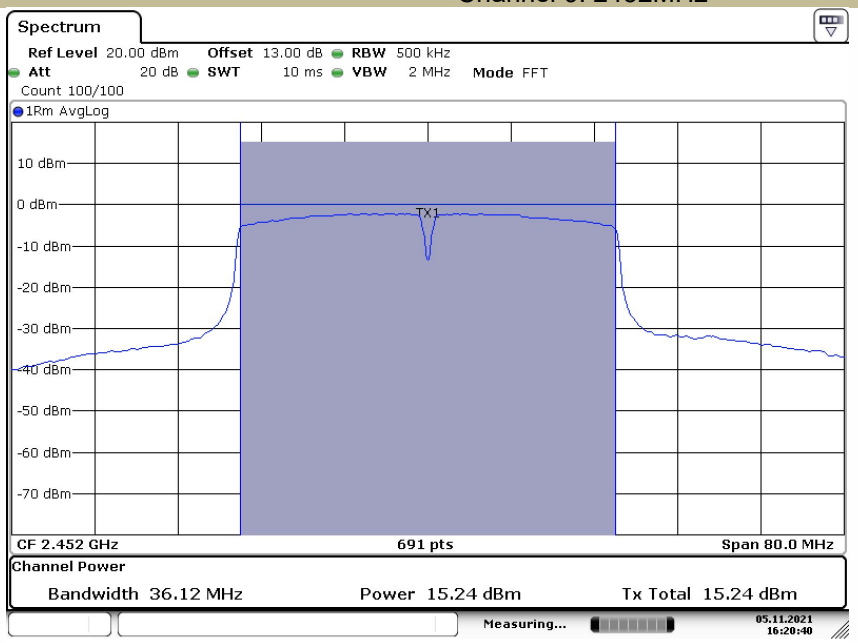
Date: 5.NOV.2021 16:20:05

Test Model	Maximum Conducted Output Power 802.11n (HT40) Channel 6: 2437MHz



Date: 5.NOV.2021 16:19:41

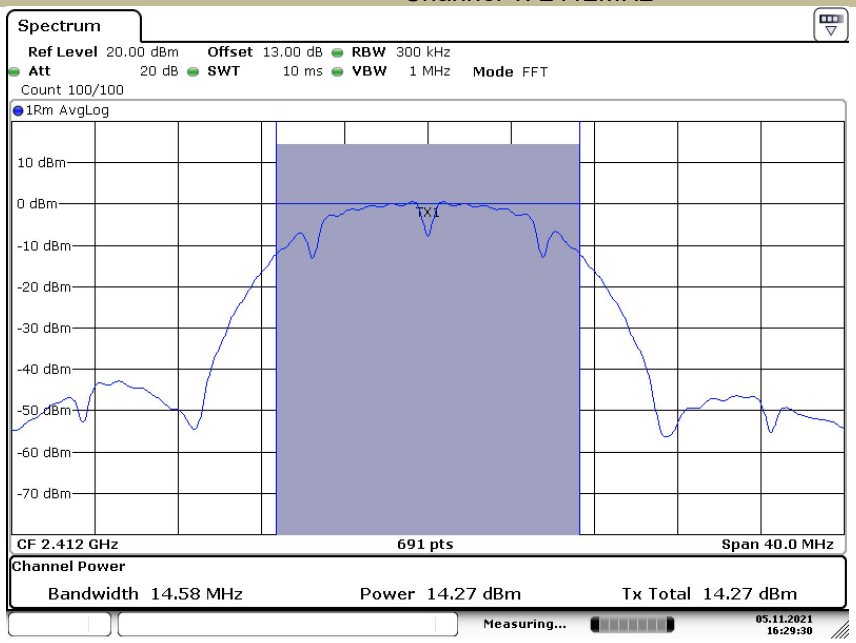
Test Model	Maximum Conducted Output Power 802.11n (HT40) Channel 9: 2452MHz



Date: 5.NOV.2021 16:20:40

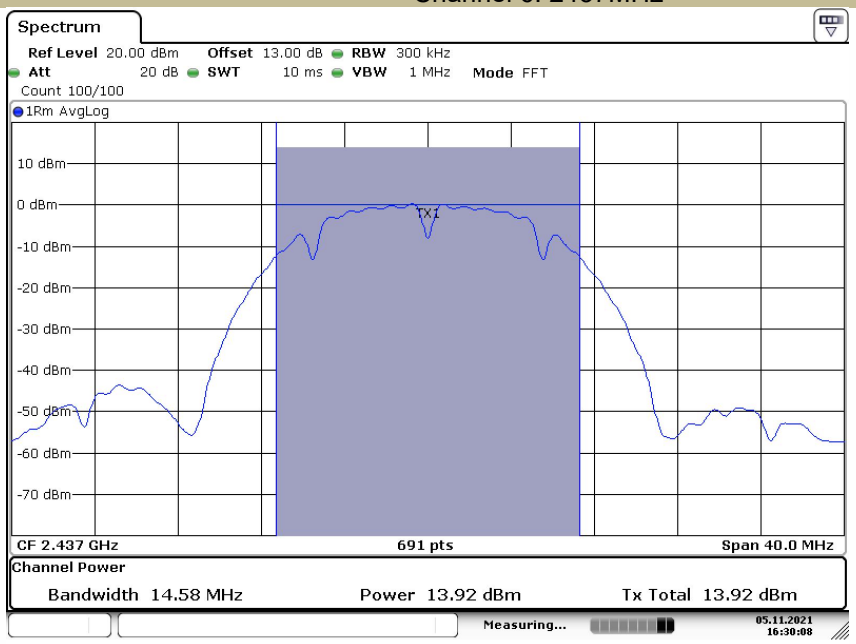
Antenna 2:

Test Model	Maximum Conducted Output Power 802.11b Channel 1: 2412MHz



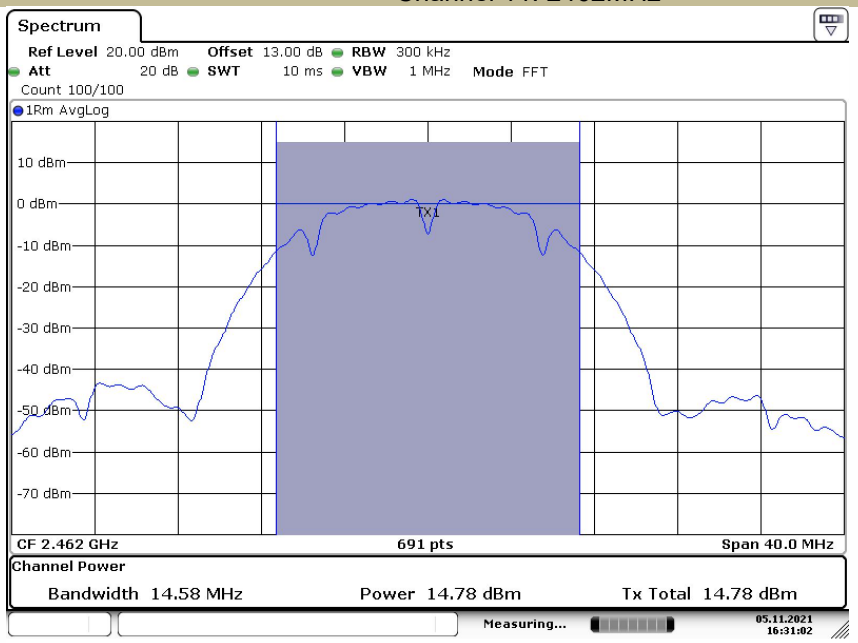
Date: 5.NOV.2021 16:29:30

Test Model	Maximum Conducted Output Power 802.11b Channel 6: 2437MHz



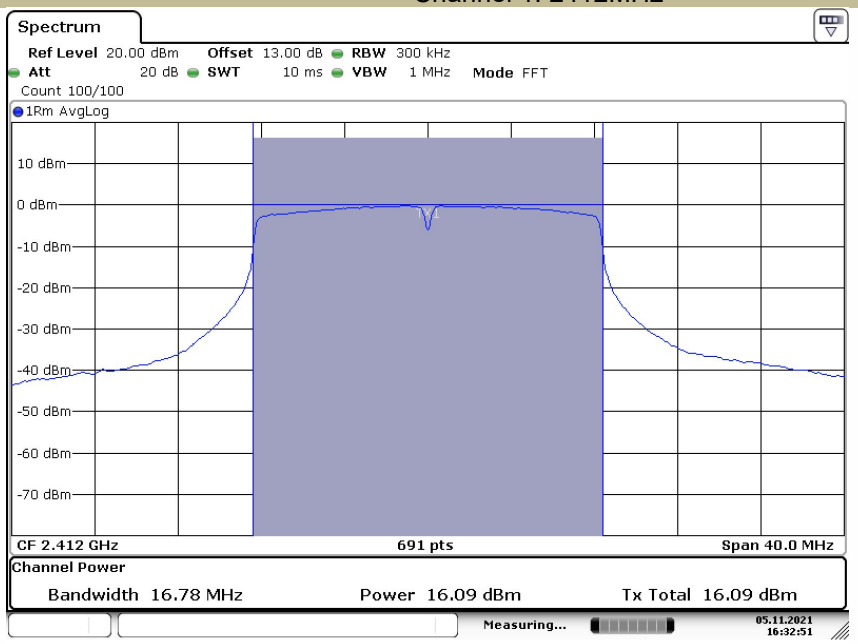
Date: 5.NOV.2021 16:30:08

Test Model	Maximum Conducted Output Power 802.11b Channel 11: 2462MHz



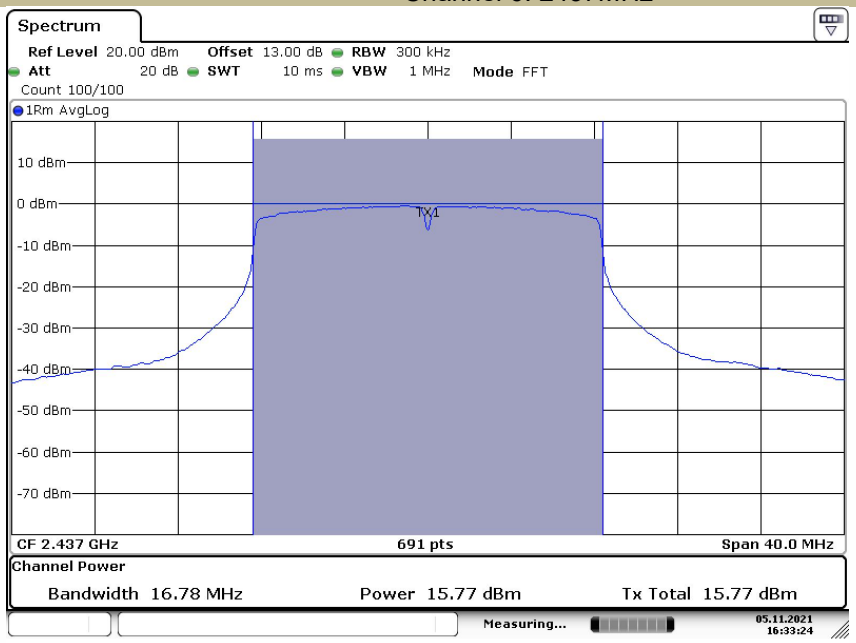
Date: 5.NOV.2021 16:31:01

Test Model	Maximum Conducted Output Power 802.11g Channel 1: 2412MHz



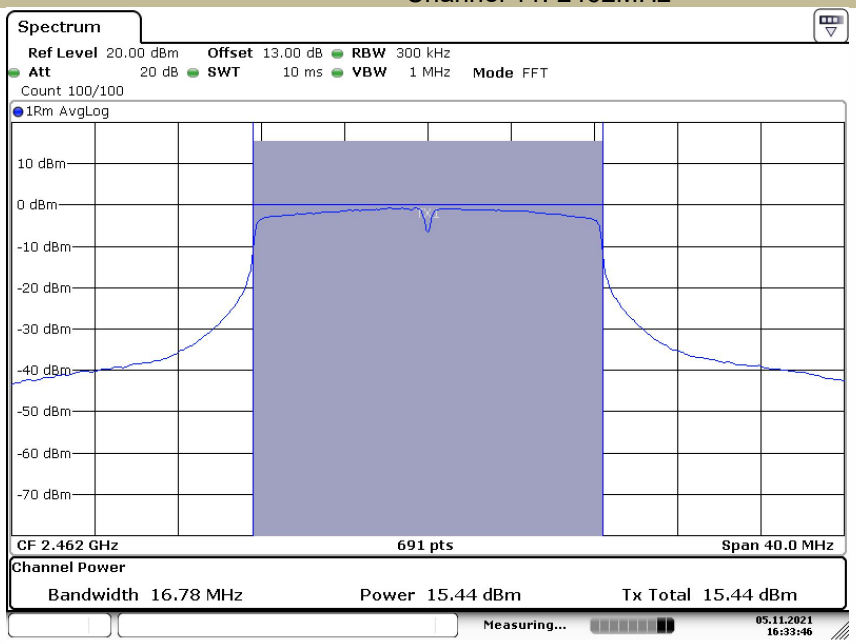
Date: 5.NOV.2021 16:32:51

Test Model	Maximum Conducted Output Power 802.11g Channel 6: 2437MHz



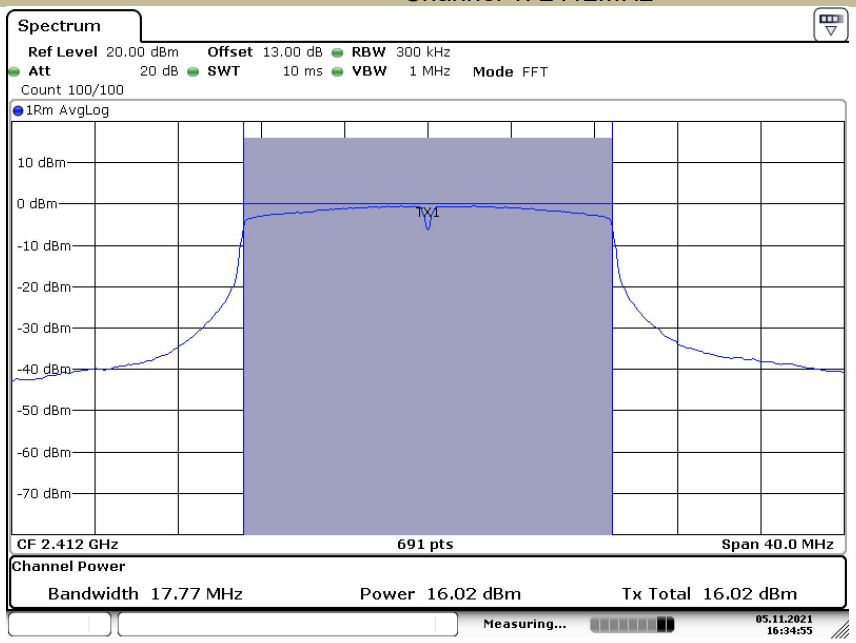
Date: 5.NOV.2021 16:33:23

Test Model	Maximum Conducted Output Power 802.11g Channel 11: 2462MHz



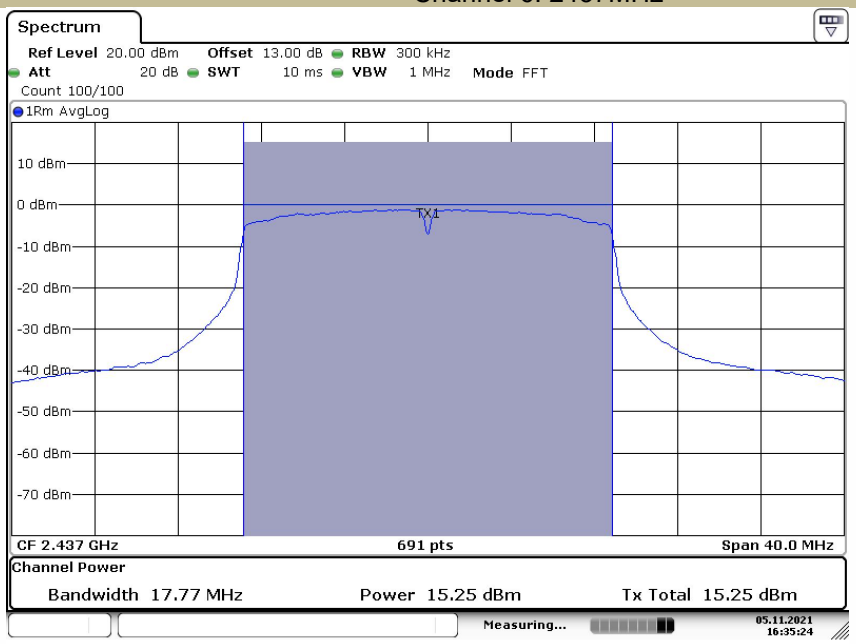
Date: 5.NOV.2021 16:33:46

Test Model	Maximum Conducted Output Power 802.11n (HT20) Channel 1: 2412MHz



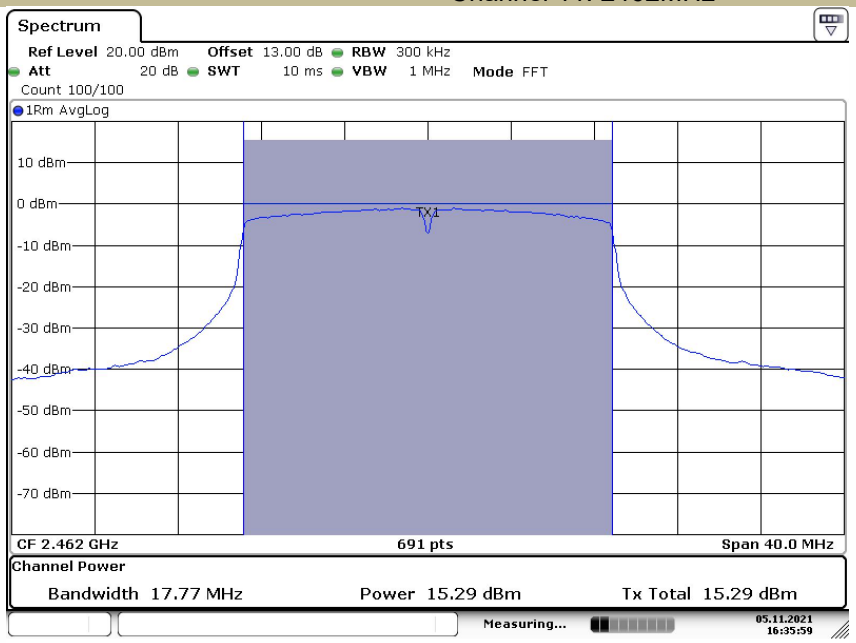
Date: 5.NOV.2021 16:34:55

Test Model	Maximum Conducted Output Power 802.11n (HT20) Channel 6: 2437MHz



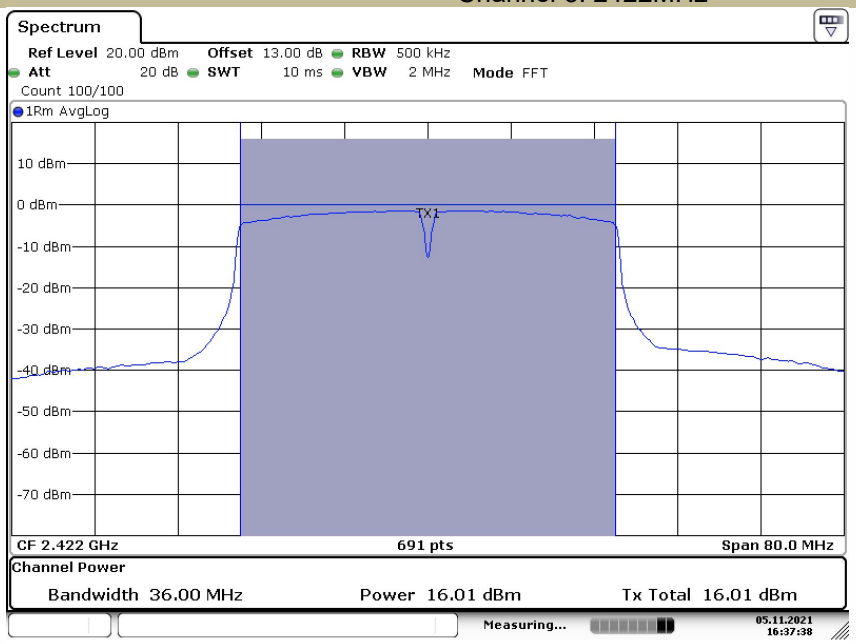
Date: 5.NOV.2021 16:35:24

Test Model	Maximum Conducted Output Power 802.11n (HT20) Channel 11: 2462MHz



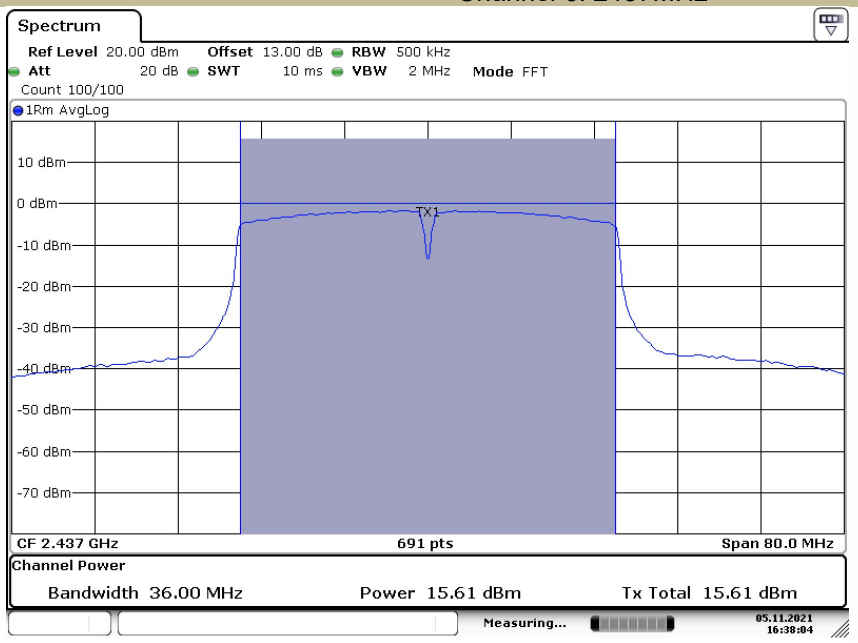
Date: 5.NOV.2021 16:35:59

Test Model	Maximum Conducted Output Power 802.11n (HT40) Channel 3: 2422MHz



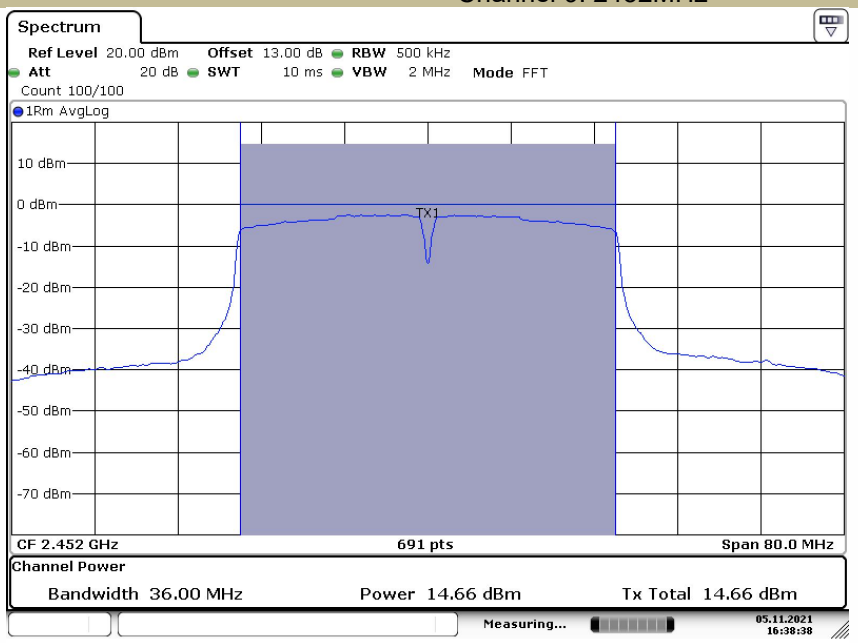
Date: 5.NOV.2021 16:37:38

Test Model	Maximum Conducted Output Power 802.11n (HT40) Channel 6: 2437MHz



Date: 5.NOV.2021 16:38:04

Test Model	Maximum Conducted Output Power 802.11n (HT40) Channel 9: 2452MHz



Date: 5.NOV.2021 16:38:38

For 2T2R

Temperature : 26℃ ATM Pressure:: 1011 mbar
Humidity : 55 % Test By: Lily

Operation Mode	Channel Number	Channel Frequency (MHz)	Measurement Level (dBm)	Limit (dBm)	Verdict
802.11n (HT20)	1	2412	18.79	30	PASS
	6	2437	18.49	30	PASS
	11	2462	18.31	30	PASS
802.11n (HT40)	3	2422	18.89	30	PASS
	6	2437	18.64	30	PASS
	9	2452	17.97	30	PASS

7.3 MAXIMUM POWER SPECTRAL DENSITY

7.3.1 Applicable Standard

According to FCC Part15.247(e) and KDB 558074 D01 15.247 Meas Guidance v05r02

7.3.2 Conformance Limit

The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of section 5.4(d), (i.e. the power spectral density shall be determined using the same method as is used to determine the conducted output power).

7.3.3 Test Configuration

Test according to clause 6.1 radio frequency test setup

7.3.4 Test Procedure

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance
The transmitter output (antenna port) was connected to the spectrum analyzer
Set analyzer center frequency to DTS channel center frequency.
Set the span to 1.5 times the DTS bandwidth.
Set the RBW to: 3 kHz
Set the VBW to: 10 kHz.
Set Detector = peak.
Set Sweep time = auto couple.
Set Trace mode = max hold.
Allow trace to fully stabilize.
Use the peak marker function to determine the maximum amplitude level within the RBW.

7.3.5 Test Results

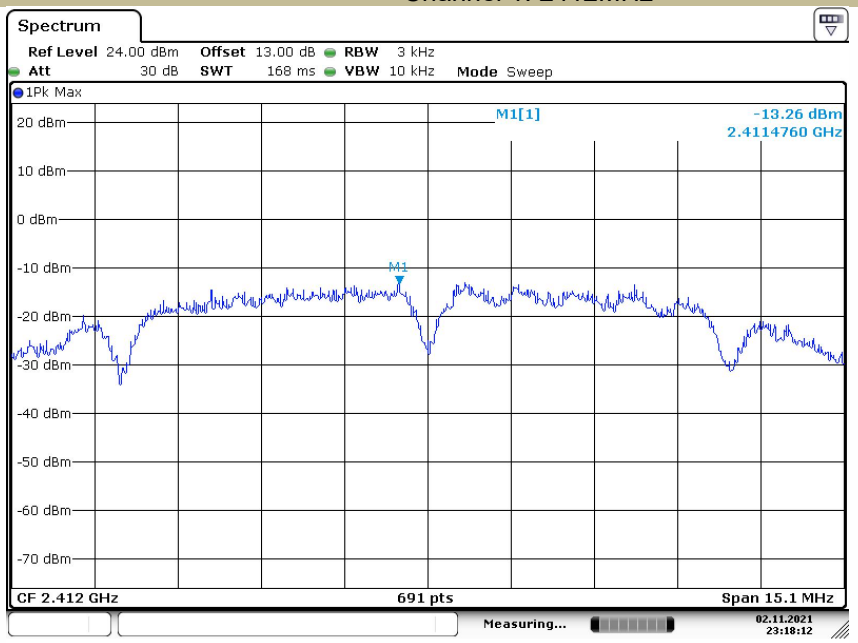
For 1T1R

ANT 1

Temperature : 26℃ ATM Pressure:: 1011 mbar
Humidity : 55 % Test By: Lily

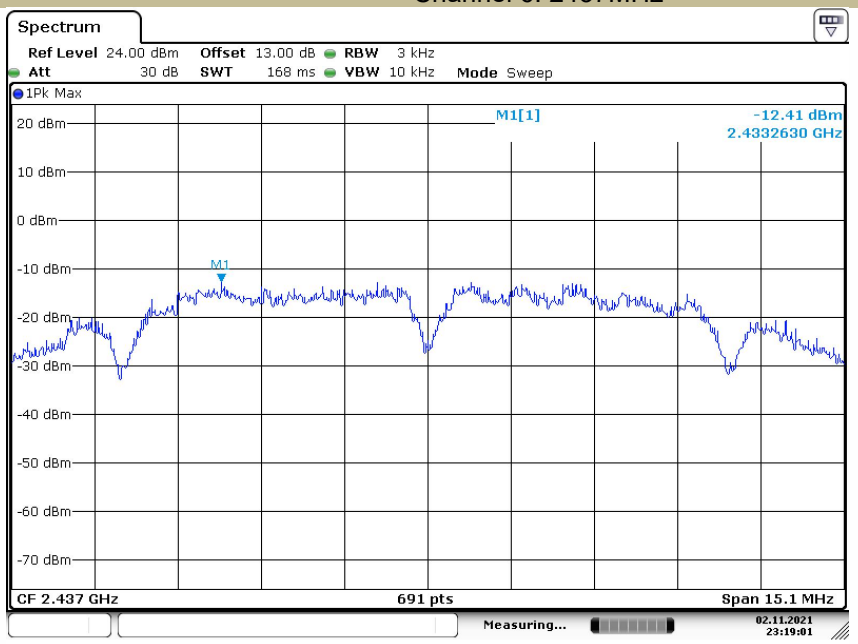
Operation Mode	Channel Number	Channel Frequency (MHz)	Measurement Level (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	1	2412	-13.26	8	PASS
	6	2437	-12.41	8	PASS
	11	2462	-12.16	8	PASS
802.11g	1	2412	-12.84	8	PASS
	6	2437	-11.48	8	PASS
	11	2462	-12.39	8	PASS
802.11n (HT20)	1	2412	-11.69	8	PASS
	6	2437	-12.49	8	PASS
	11	2462	-10.88	8	PASS
802.11n (HT40)	3	2422	-13.31	8	PASS
	6	2437	-13.37	8	PASS
	9	2452	-14.21	8	PASS

Test Model	Power Spectral Density 802.11b Channel 1: 2412MHz



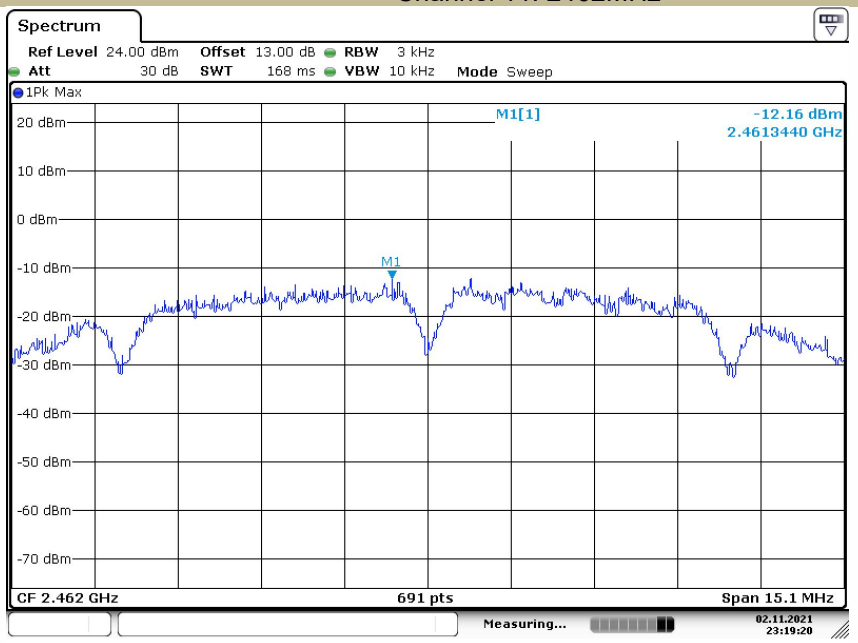
Date: 2.NOV.2021 23:18:12

Test Model	Power Spectral Density 802.11b Channel 6: 2437MHz



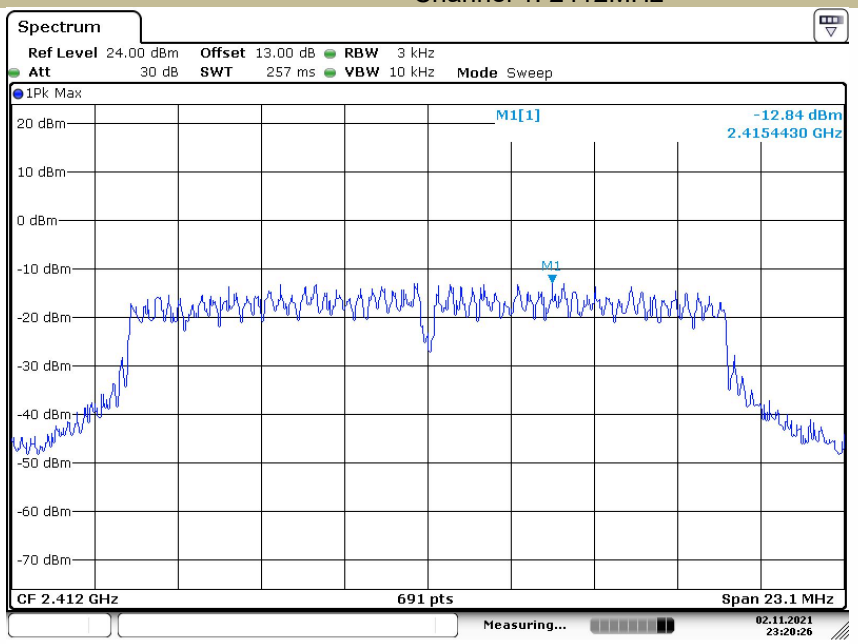
Date: 2.NOV.2021 23:19:02

Test Model	Power Spectral Density 802.11b Channel 11: 2462MHz



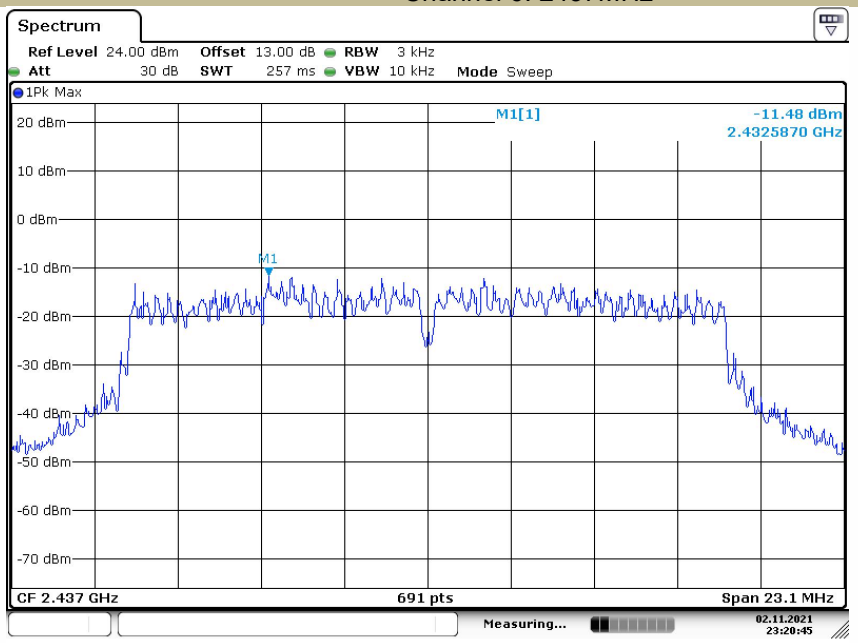
Date: 2.NOV.2021 23:19:20

Test Model	Power Spectral Density 802.11g Channel 1: 2412MHz



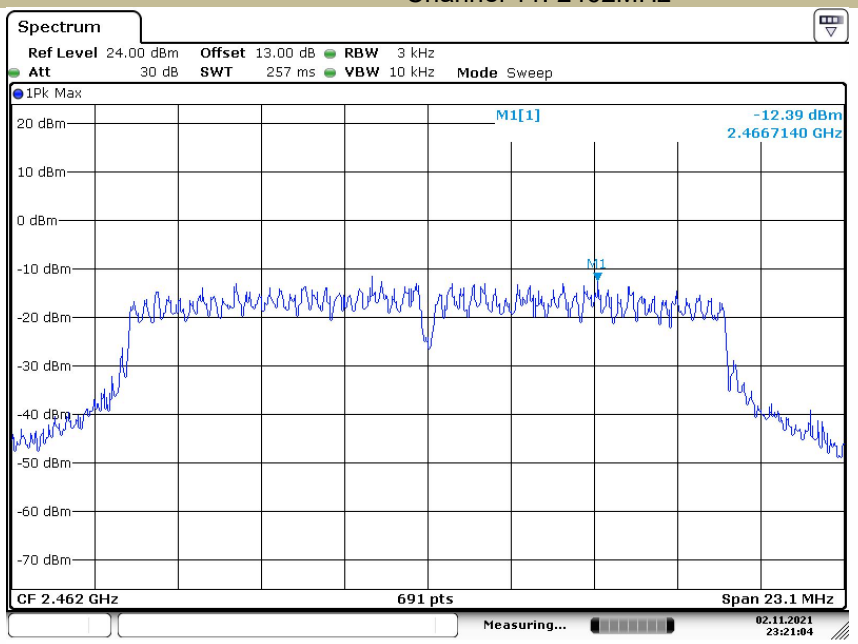
Date: 2.NOV.2021 23:20:26

Test Model	Power Spectral Density 802.11g Channel 6: 2437MHz



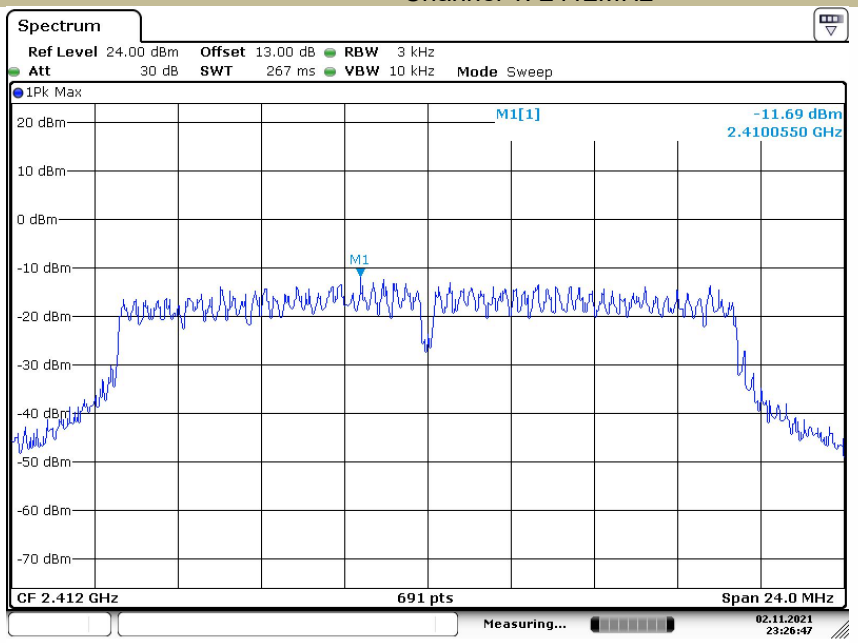
Date: 2.NOV.2021 23:20:45

Test Model	Power Spectral Density 802.11g Channel 11: 2462MHz



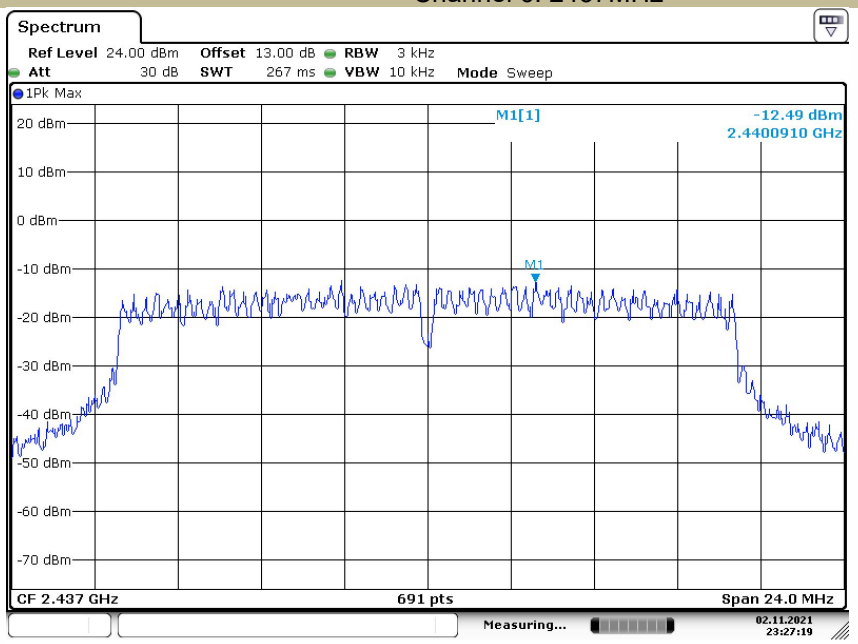
Date: 2.NOV.2021 23:21:04

Test Model	Power Spectral Density 802.11n (HT20) Channel 1: 2412MHz



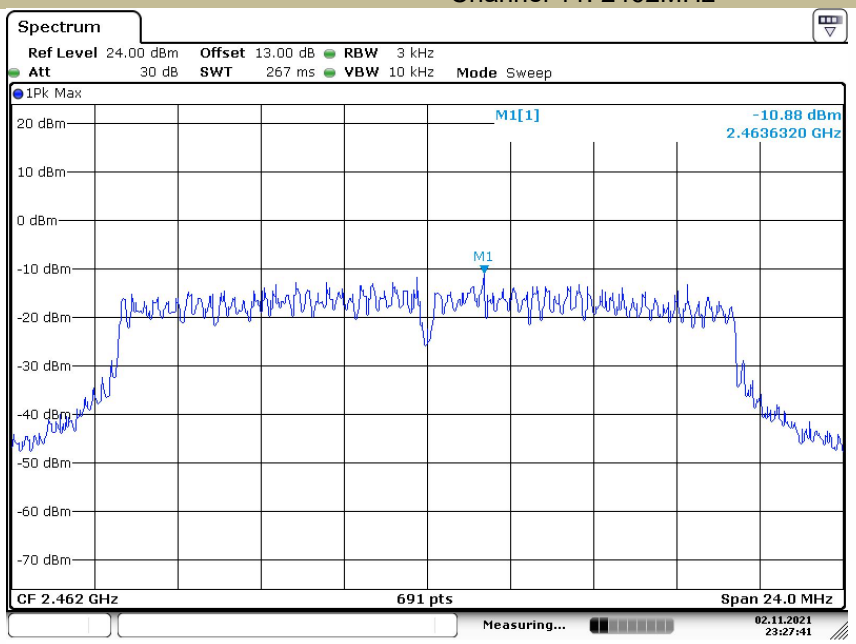
Date: 2.NOV.2021 23:26:47

Test Model	Power Spectral Density 802.11n (HT20) Channel 6: 2437MHz



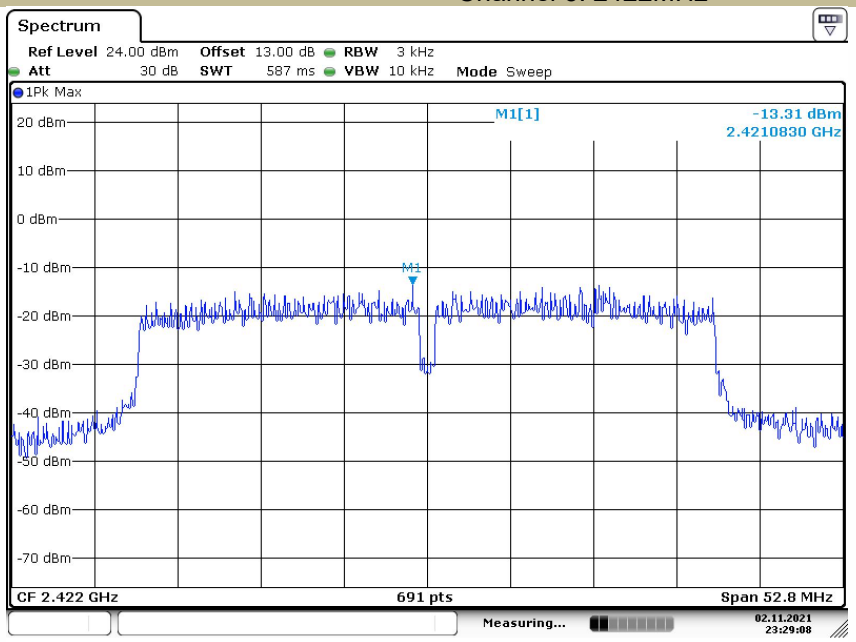
Date: 2.NOV.2021 23:27:19

Test Model	Power Spectral Density 802.11n (HT20) Channel 11: 2462MHz



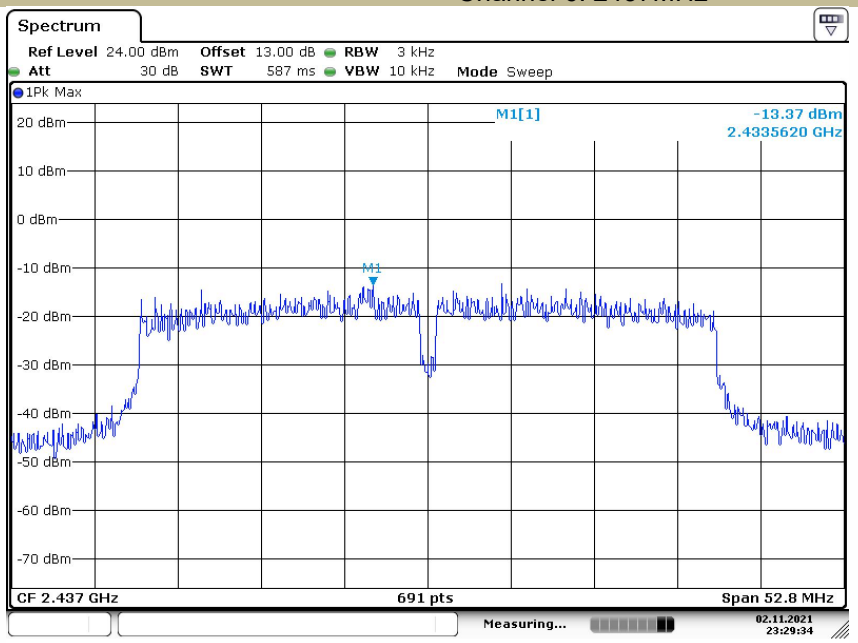
Date: 2.NOV.2021 23:27:42

Test Model	Power Spectral Density 802.11n (HT40) Channel 3: 2422MHz



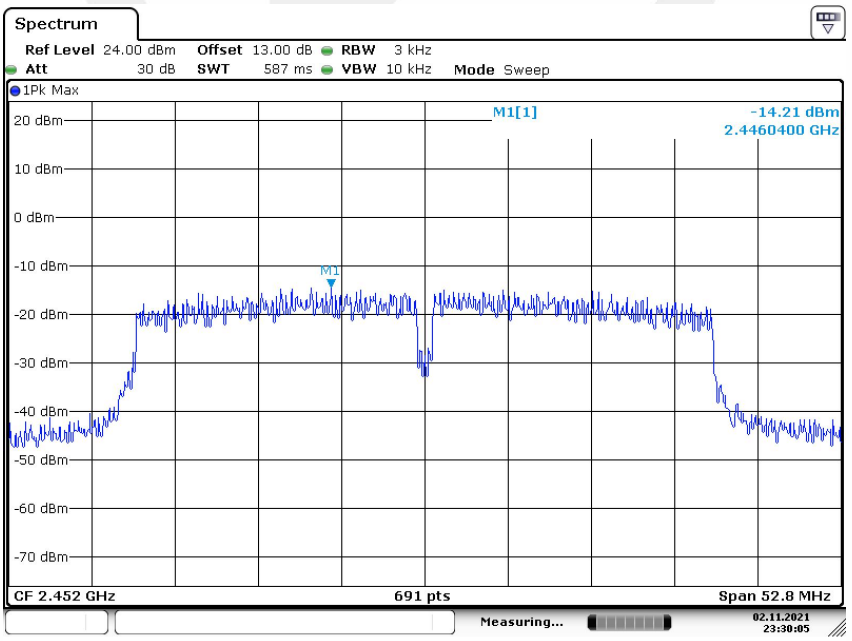
Date: 2.NOV.2021 23:29:08

Test Model	Power Spectral Density 802.11n (HT40) Channel 6: 2437MHz



Date: 2.NOV.2021 23:29:34

Test Model	Power Spectral Density 802.11n (HT40) Channel 9: 2452MHz



Date: 2.NOV.2021 23:30:05

ANT 2

Temperature : 26℃ ATM Pressure:: 1011 mbar
Humidity : 55 % Test By: Lily

Operation Mode	Channel Number	Channel Frequency (MHz)	Measurement Level (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
802.11b	1	2412	-11.99	8	PASS
	6	2437	-12.47	8	PASS
	11	2462	-12.91	8	PASS
802.11g	1	2412	-10.47	8	PASS
	6	2437	-9.10	8	PASS
	11	2462	-11.52	8	PASS
802.11n (HT20)	1	2412	-10.97	8	PASS
	6	2437	-11.69	8	PASS
	11	2462	-11.96	8	PASS
802.11n (HT40)	3	2422	-13.99	8	PASS
	6	2437	-14.91	8	PASS
	9	2452	-14.48	8	PASS