





Issue Date: 16/09/2022

Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

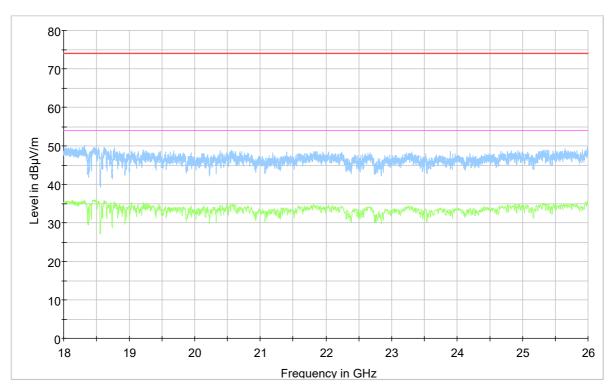
Frequency scan: 18GHz – 26GHz Data rate: 11g 18M (worst case) Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum









Issue Date: 16/09/2022

Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 18GHz – 26GHz

Data rate: 11g 18M (worst case)

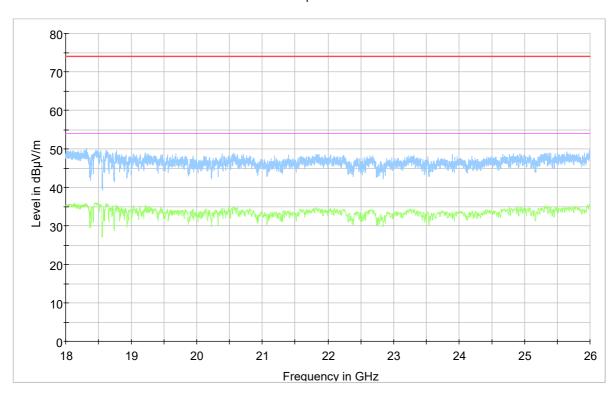
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum

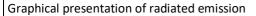






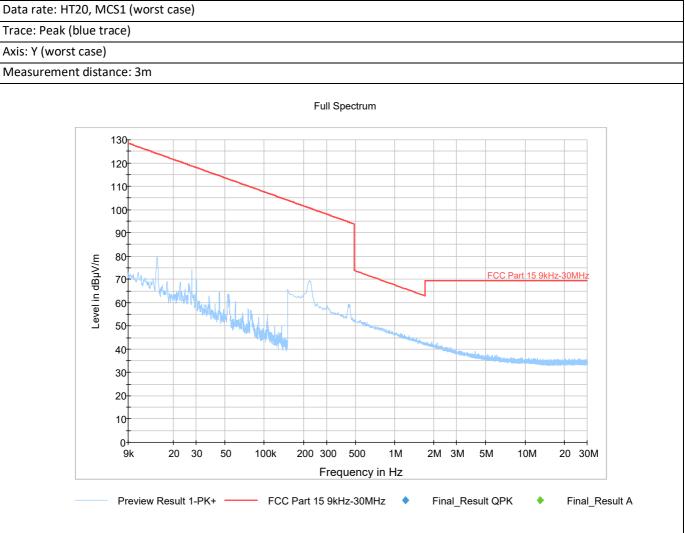


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Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 9KHz - 30MHz

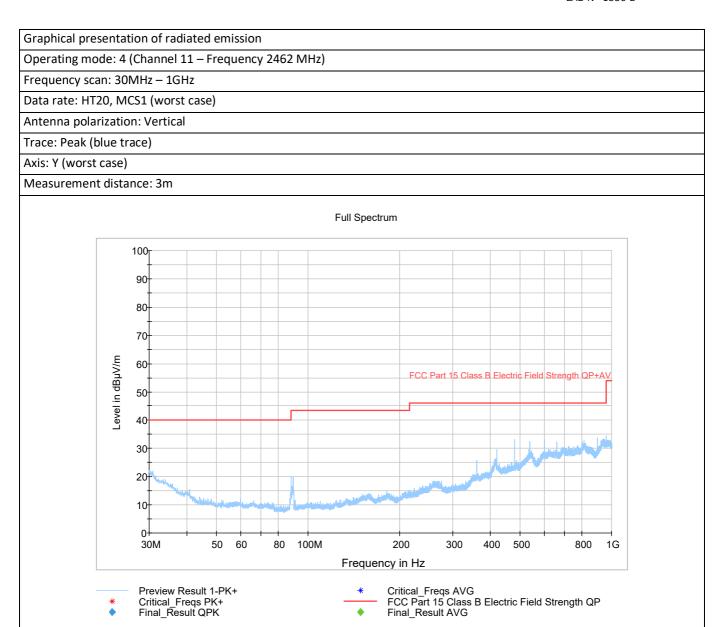








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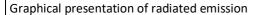








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Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 30MHz – 1GHz Data rate: HT20, MCS1 (worst case)

Trace: Peak (blue trace)

Measurement distance: 3m

# Antenna polarization: Horizontal Axis: Y (worst case) Full Spectrum 100<sub>T</sub> 90 80 70 Level in dBµV/m 60 FCC Part 15 Class B Electric Field Strength QP+AV 50 40 30 20 10 30M 100M Frequency in Hz FCC Part 15 Class B Electric Field Strength QP Final\_Result AVG Preview Result 1-PK+ Final\_Result QPK







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Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 1GHz – 3GHz

Data rate: HT20, MCS1 (worst case)

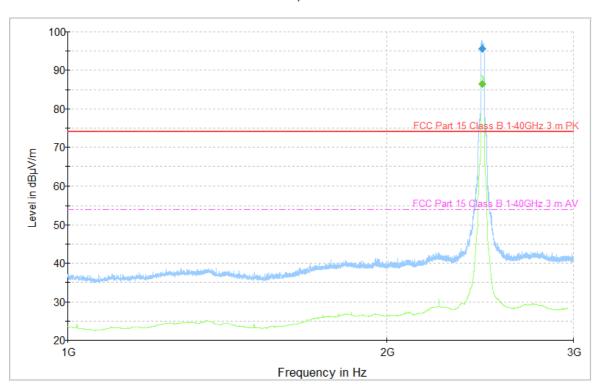
Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum



Preview Result 2-AVG

FCC Part 15 Class B 1-40GHz 3 m PK

Final\_Result PK+

Preview Result 1-PK+

FCC Part 15 Class B 1-40GHz 3 m AV

Final\_Result AVG

## **Final Result**

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2462.000000		86.54			1000.0	1000.000	120.0	V	90.0
2462.000000	95.65				1000.0	1000.000	120.0	V	90.0







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Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 - Frequency 2462 MHz)

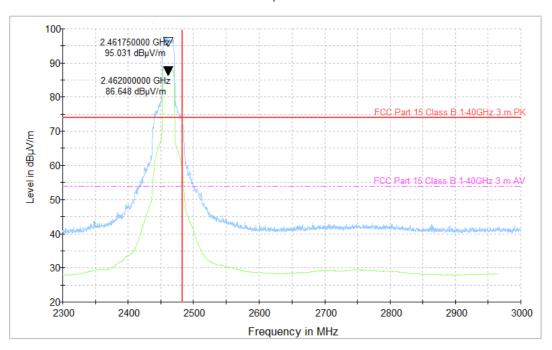
Frequency: Restricted band of operations near fundamental

Data rate: HT20, MCS1 (worst case) Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Measurement distance: 3m

#### Full Spectrum





## **Fundamental Level**

Frequency (MHz)		ng value uV/m)	Antenna Factor with pre-Amplifier	Cable Loss	Correct reading (dBµV/m)
(IVIEZ)	Peak	Average	(dB3/m)	(dB)	(ασμν/π)
2461.750000	105.37		-13.51	3.17	95.03
2462.000000		96.63	-13.51	3.17	86.65

.Peaks out of limits are due to Wi-Fi carrier (exclusion band). Fundamental frequency not related to limit.

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Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 1GHz – 3GHz

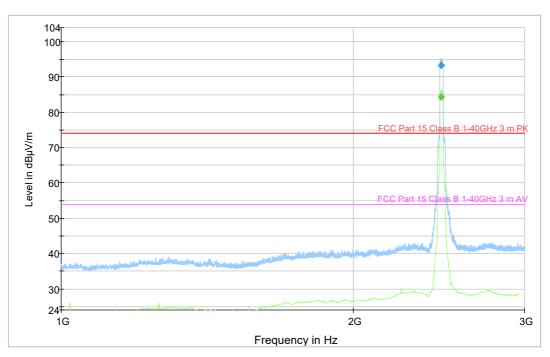
Data rate: HT20, MCS1 (worst case)
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

#### Full Spectrum





## **Final Result**

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2462.000000	93.40				1000.0	1000.000	125.0	Н	0.0
2462.000000		84.28			1000.0	1000.000	125.0	Н	0.0







Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

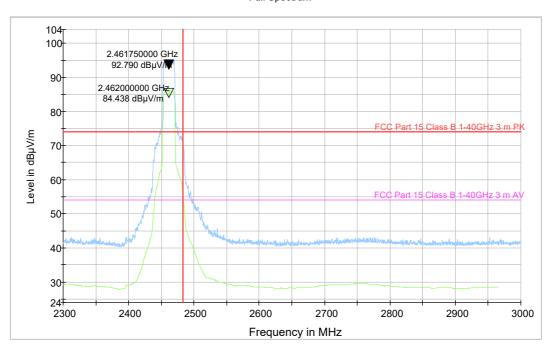
Frequency: Restricted band of operations near fundamental

Data rate: HT20, MCS1 (worst case)
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Measurement distance: 3m

#### Full Spectrum



Preview Result 2-AVG
FCC Part 15 2483.5MHz
FCC Part 15 Class B 1-40GHz 3 m AV
Final\_Result AVG

Preview Result 1-PK+ FCC Part 15 Class B 1-40GHz 3 m PK Final\_Result PK+

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#### **Fundamental Level**

Frequency	Reading value (dBµV/m)		Antenna Factor with pre-Amplifier	Cable Loss	Correct reading
(MHz)	Peak	Average	(dB3/m)	(dB)	(dBμV/m)
2461.750000	103.13		-13.51	3.17	92.79
2462.000000		94.78	-13.51	3.17	84.44







Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 3GHz -18GHz

Data rate: HT20, MCS1 (worst case)

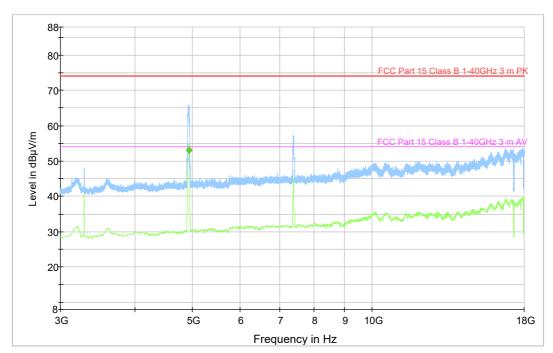
Antenna polarization: Vertical

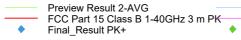
Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

#### Full Spectrum





Preview Result 1-PK+ FCC Part 15 Class B 1-40GHz 3 m AV Final\_Result AVG

Issue Date: 16/09/2022

#### **Final Result**

Frequency (MHz)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	
4923.500000	53.00	54.00	1.00	1000.0	1000.000	210.0	٧	0.0	







Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 - Frequency 2462 MHz)

Frequency scan: 3GHz -18GHz Data rate: HT20, MCS1 (worst case)

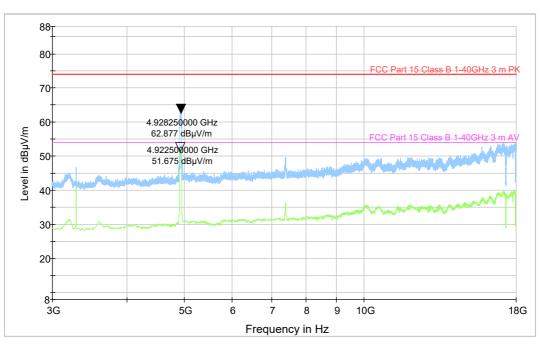
Antenna polarization: Horizontal

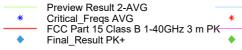
Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

#### Full Spectrum





Preview Result 1-PK+ Critical\_Freqs PK+ FCC Part 15 Class B 1-40GHz 3 m AV Final\_Result AVG

Issue Date: 16/09/2022

## **Final Result**

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4928.250000	62.87		74.00	11.13	1000.0	1000.000	215.0	٧	0.0
4922.500000		51.67	54.00	2.33	1000.0	1000.000	215.0	V	0.0







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Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 18GHz – 26GHz

Data rate: HT20, MCS1 (worst case)

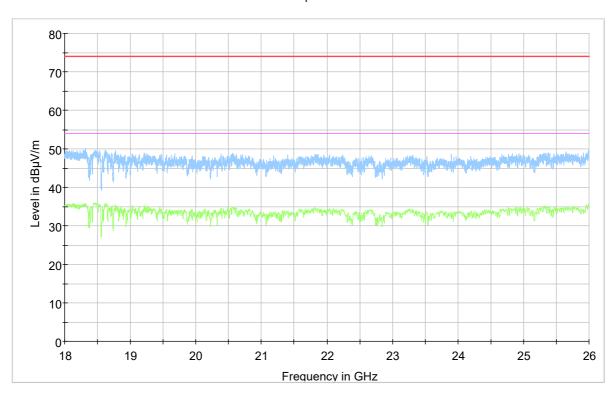
Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum









Issue Date: 16/09/2022

Graphical presentation of radiated emission

Operating mode: 4 (Channel 11 – Frequency 2462 MHz)

Frequency scan: 18GHz – 26GHz

Data rate: HT20, MCS1 (worst case)

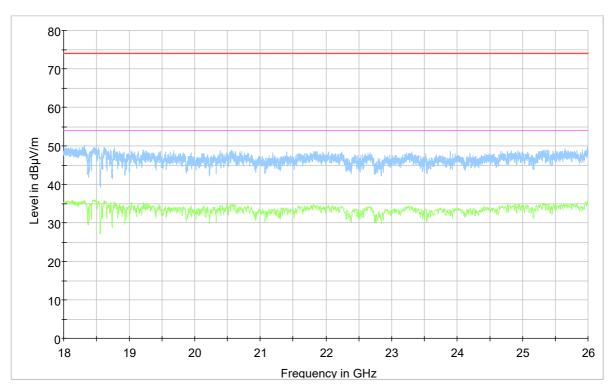
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum

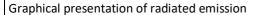




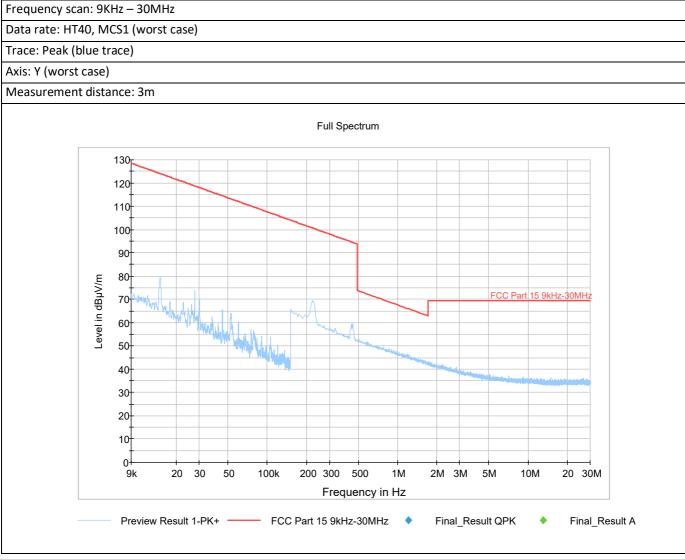




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Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

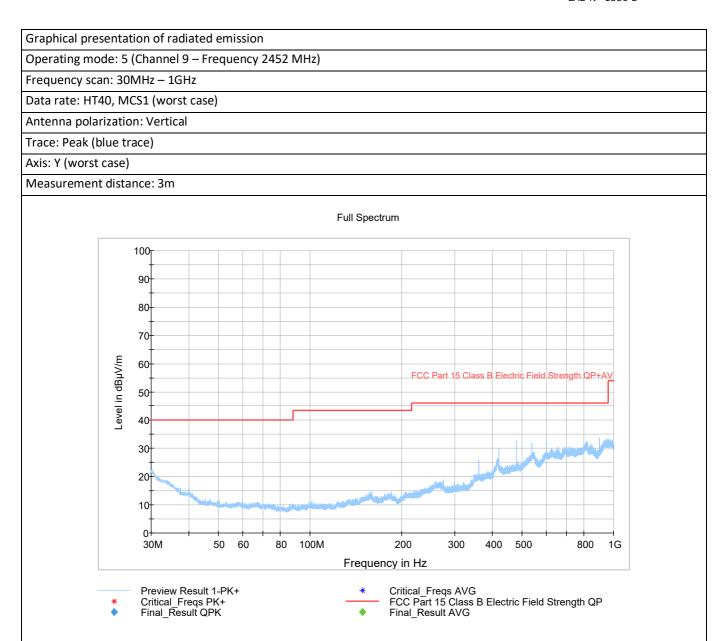








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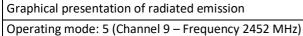








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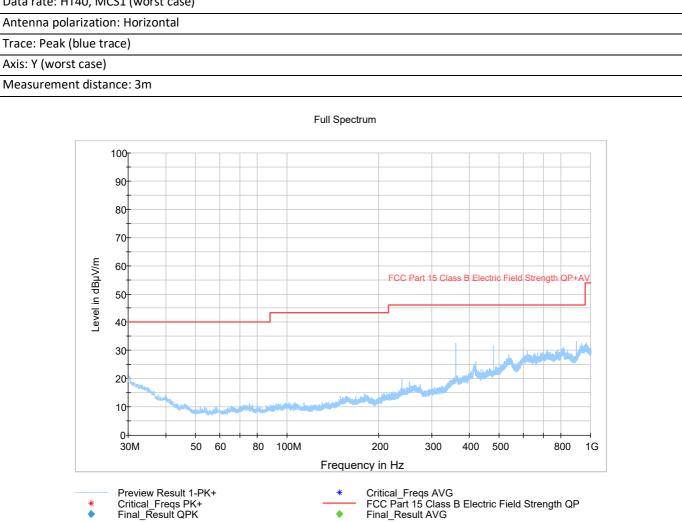


Frequency scan: 30MHz – 1GHz Data rate: HT40, MCS1 (worst case)

Antenna polarization: Horizontal

Trace: Peak (blue trace)

Measurement distance: 3m









Graphical presentation of radiated emission

Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency scan: 1GHz – 3GHz

Data rate: HT40, MCS1 (worst case)

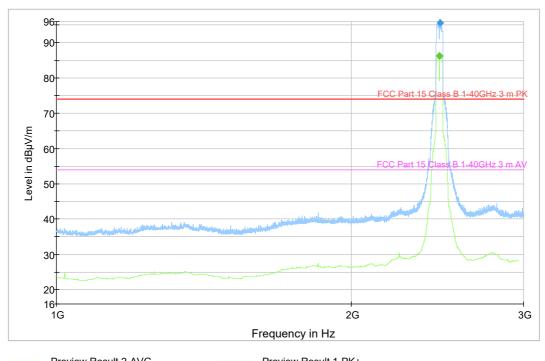
Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

#### Full Spectrum



Preview Result 2-AVG
FCC Part 15 Class B 1-40GHz 3 m PK
Final\_Result PK+

Preview Result 1-PK+ FCC Part 15 Class B 1-40GHz 3 m AV Final\_Result AVG

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## **Final Result**

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBµV/m	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2452.000000		86.24	54.00		1000.0	1000.000	190.0	٧	0.0
2455.000000	95.71		74.00		1000.0	1000.000	190.0	٧	0.0







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Graphical presentation of radiated emission

Operating mode: 5 (Channel 9 - Frequency 2452 MHz)

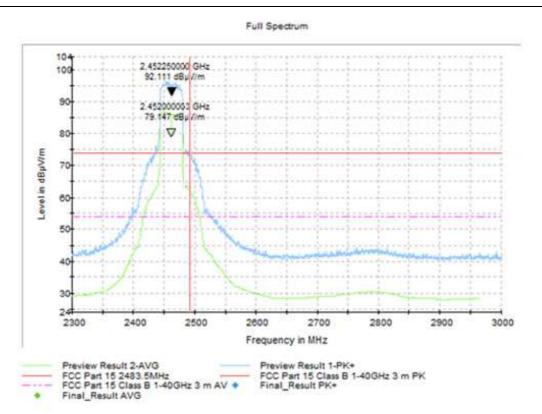
Frequency: Restricted band of operations near fundamental

Data rate: HT40, MCS1 (worst case)

Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Measurement distance: 3m



# **Fundamental Level**

Frequency	Reading value (dBμV/m)		Antenna Factor with pre-Amplifier	Cable Loss	Correct reading
(MHz)	Peak	Average	(dB3/m)	(dB)	(dBμV/m)
2452.250000	102.45		-13.51	3.17	92.11
2452.000000		89.49	-13.51	3.17	79.15







Graphical presentation of radiated emission

Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency scan: 1GHz - 3GHz

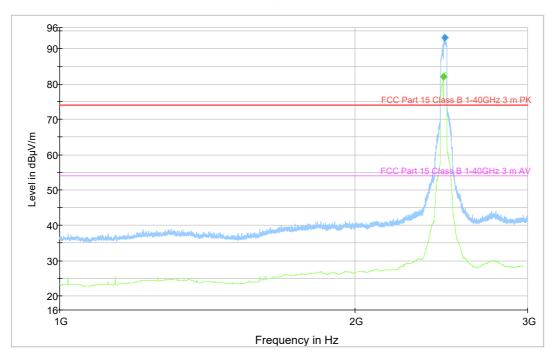
Data rate: HT40, MCS1 (worst case)
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

#### Full Spectrum



Preview Result 2-AVG
FCC Part 15 Class B 1-40GHz 3 m PK
Final\_Result PK+
Preview Preview FCC Part 15 Class B 1-40GHz 3 m PK
Final\_Result PK+

Preview Result 1-PK+ FCC Part 15 Class B 1-40GHz 3 m AV Final\_Result AVG

Issue Date: 16/09/2022

## **Final Result**

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2499.750000		81.98	54.00		1000.0	1000.000	175.0	H	90.0
2450.000000	93.05		74.00		1000.0	1000.000	175.0	Н	90.0







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Graphical presentation of radiated emission

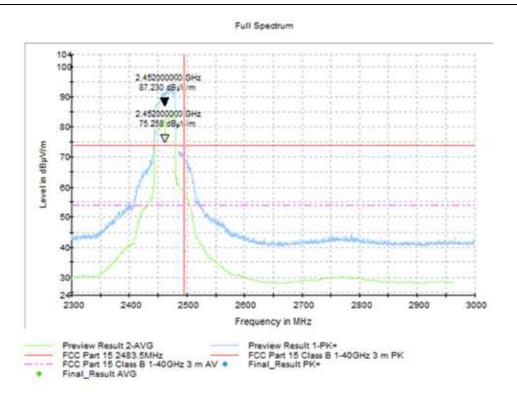
Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency: Restricted band of operations near fundamental

Data rate: HT40, MCS1 (worst case)
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Measurement distance: 3m



#### **Fundamental Level**

Frequency		ng value uV/m)	Antenna Factor with pre-Amplifier	Cable Loss	Correct reading
(MHz)	Peak	Average	(dB3/m)	(dB)	(dBμV/m)
2452.000000	97.57		-13.51	3.17	87.23
2452.000000		85.60	-13.51	3.17	75.26







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Graphical presentation of radiated emission

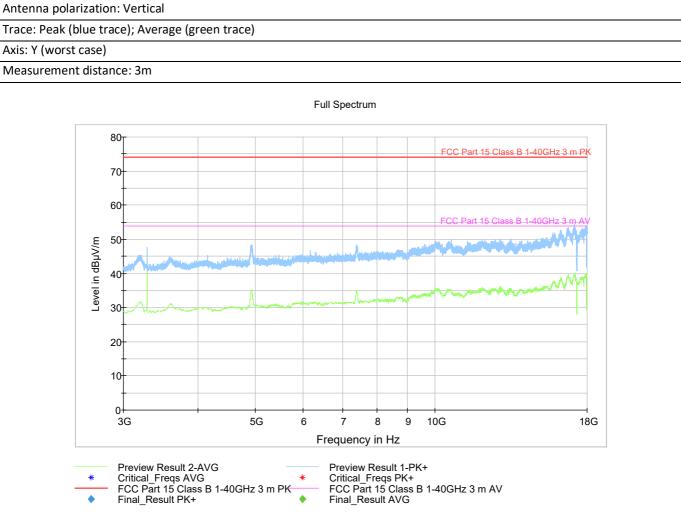
Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency scan: 3GHz -18GHz

Data rate: HT40, MCS1 (worst case)

Antenna polarization: Vertical

Axis: Y (worst case)









18G

Issue Date: 16/09/2022

Graphical presentation of radiated emission

Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency scan: 3GHz -18GHz Data rate: HT40, MCS1 (worst case)

Antenna polarization: Horizontal

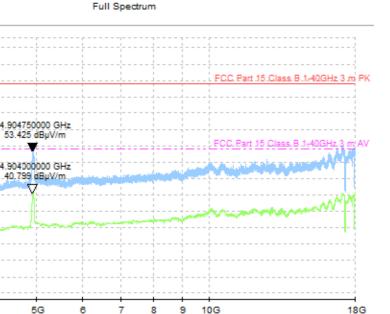
Trace: Peak (blue trace); Average (green trace)

80

Level in dBµV/m

Axis: Y (worst case)

Measurement distance: 3m





53.425 dBµV/m

40,799 dBµV/m

5G

# **Final Result**

Frequency in Hz

Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
4904.750000	53.42		74.00	20.58	1000.0	1000.000	175.0	٧	0.0
4904.000000		40.90	54.00	13.10	1000.0	1000.000	175.0	٧	0.0







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Graphical presentation of radiated emission

Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency scan: 18GHz – 26GHz

Data rate: HT40, MCS1 (worst case)

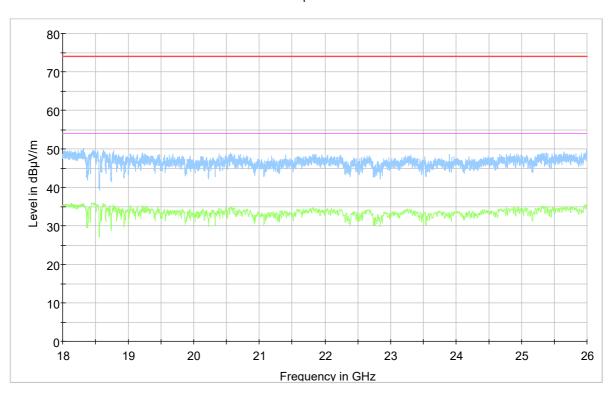
Antenna polarization: Vertical

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum









Issue Date: 16/09/2022

Graphical presentation of radiated emission

Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Frequency scan: 18GHz – 26GHz

Data rate: HT40, MCS1 (worst case)

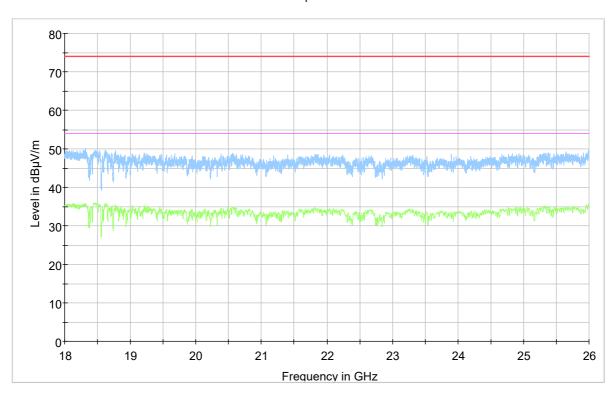
Antenna polarization: Horizontal

Trace: Peak (blue trace); Average (green trace)

Axis: Y (worst case)

Measurement distance: 3m

## Full Spectrum









Issue Date: 16/09/2022

Antenna requirements	
Test date	04/04/2022
Applied Standard	Title 47 Part 15 Subpart C §15.203
Test method	§ 5.8 of ANSI C63.10
Temperature	23,1°
Humidity	54%
Tested by	Francesco Lombardi
Model	MP350
Internal Storage No.	1 (Storage no. A003216149-003)
Operating mode	
Tested terminals	Antenna connector
Result	PASS







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An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of Sections 15.211, 15.213, 15.217, 15.219, or 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with Section 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this Part are not exceeded.

	Antenna specifications
N° of authorized antenna types	2
Antenna type	SMD Antenna
Maximum total gain	0.5 dBi
External power amplifiers	Not present







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Maximum Conducted Peak Output Power	
Test date	04/04/2022
Applied Standard	Title 47 Part 15 Subpart C §15.247
Test method	According to Par. 8.3.2.2 of KDB 558074 D01 15.247 Meas. Guidance v05r02 (and par. 11.9.1.1 of ANSI C63.10)
Temperature	20,5°
Humidity	54%
Tested by	Francesco Lombardi
Model	MP350
Internal Storage No.	1 (Storage no. A003216149-003)
Operating mode	1, 2, 3, 4, 5
Tested terminals	Antenna connector
Result	PASS







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- (b) The maximum peak conducted output power of the intentional radiator shall not exceed the following:
- (1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
- (2) For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels, as permitted under paragraph (a)(1)(i) of this section.
- (3) For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signalling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.
- (4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note: since it was not possible to put in an antenna connector, test was carried out in a radiated manner According to Par. 2.3 of KDB 412172 D01 Determining ERP and EIRP v01r01







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Granhical	nresentation o	ıf maximum	conducted	nea	k output power
Grapinca	presentation e	, illaxillalli	Conducted	pcu	R output power

Operation mode: 1 (Channel 1 – Frequency 2412 MHz)

Protocol: 11b

Test	conditions		Frequency (MHz)	Channel	Output	Conducted Output Power (Eirp)			Limits (W)	
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 1M	2412	1	16.66	46.34	0.5	1	4	PASS

Test	Test conditions		Frequency	Channel	Condo Output annel (Ei		Antenna Gain		Limits (W)	
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 2M	2412	1	16.68	46.56	0.5	1	4	PASS

Test	conditions		Frequency	Channel	Conducted Output Power (Eirp)		Antenna Gain		Limits (W)	
Temperature	Voltage	Data rate	(IVIEZ)	(MHz)		mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 5.5M	2412	1	14.81	30.27	0.5	1	4	PASS

Tes	Test conditions			Frequency (MHz)		ucted :put r (Eirp)	Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 11M	2412	1	16.47	44.36	0.5	1	4	PASS







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		k output power

Operation mode: 1 (Channel 1 – Frequency 2412 MHz)

Protocol: 11g

Test	Test conditions		Frequency	Channel		Conducted Output Power (Eirp)			Limits (W)	
Temperature	Voltage	Data rate	(IVITIZ)	(MHz)		mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 6M	2412	1	14.98	31.47	0.5	1	4	PASS

Test	conditions		Frequency	Channel	Output	Conducted Output Power (Eirp)		Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)	(MHz)		mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 9M	2412	1	14.90	30.90	0.5	1	4	PASS

Test conditions			Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Channel Outp		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated			
Tnom +20.5°C	5Vdc (internal battery)	11g, 12M	2412	1	15.14	32.66	0.5	1	4	PASS		

Test	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain		Limits (W)	
Temperature	Voltage	Data rate	(IVIEZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 18M	2412	1	15.25	33.50	0.5	1	4	PASS

Test	conditions	3	Frequency (MHz)		Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 24M	2412	1	13.50	22.39	0.5	1	4	PASS







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Test	Test conditions		Frequency Channel (MHz)		Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 36M	2412	1	13.67	23.28	0.5	1	4	PASS

Test	Test conditions		Frequency (MHz)	Conducted Output Channel Power (Eirp)		Antenna Limit Gain (W)			Result	
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 48M	2412	1	12.64	18.36	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)		Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g 54M	2412	1	12.47	17.66	0.5	1	4	PASS







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Graphical presentation of maximum conducted peak output power	Graphical	presentation	of maximum	conducted	peak output power	
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Operation mode: 1 (Channel 1 – Frequency 2412 MHz)

Protocol: HT20

Tes	Test conditions		Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)  Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS0 (HT20)	2412	1	14.96	31.33	0.5	1	4	PASS

Tes	t conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVIHZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS1 (HT20)	2412	1	15.56	35.98	0.5	1	4	PASS

Test	t conditions		Frequency	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS2 (HT20)	2412	1	14.96	31.33	0.5	1	4	PASS

Test	Test conditions		Frequency Channel		Out	Conducted Output Power (Eirp)		Limits (W)		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS3 (HT20)	2412	1	13.42	21.98	0.5	1	4	PASS

Test	t conditions	1	Frequency Channel -		Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS4 (HT20)	2412	1	13.90	24.55	0.5	1	4	PASS







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Tes	t conditions	;	Frequency (MHz)	equency Channel Power (Firn)		Antenna Gain	Limits (W)		Result	
Temperature	Voltage	Data rate	(IVIEZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS5 (HT20)	2412	1	12.41	17.42	0.5	1	4	PASS

Tes	t conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Output		Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate	(IVIHZ)		dBm	mW	dBi	Conducted	Radiated			
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS6 (HT20)	2412	1	11.83	15.24	0.5	1	4	PASS		

Tes	t conditions	5	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS7 (HT20)	2412	1	11.11	12.91	0.5	1	4	PASS







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Graphica	I presentation of	f maximum	conducted	pea	k output power

Operating mode: 2 (Channel 3 – Frequency 2422 MHz)

Protocol: HT40

Tes	t conditions	S	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS0 (HT40)	2422	3	12.77	18.92	0.5	1	4	PASS

Tes	Test conditions		Frequency (MHz)		Conducted Output Power (Eirp)		Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS1 (HT40)	2422	3	12.82	19.14	0.5	1	4	PASS

Test	Test conditions		Frequency Channel		Cond Out Power	put	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS2 (HT40)	2422	3	11.79	15.10	0.5	1	4	PASS

Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS3 (HT40)	2422	3	8.73	7.46	0.5	1	4	PASS

Tes	t condition	S	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate		,		mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS4 (HT40)	2422	3	9.19	8.30	0.5	1	4	PASS







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Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS5 (HT40)	2422	3	8.46	7.01	0.5	1	4	PASS

Tes	t condition	S	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS6 (HT40)	2422	3	7.57	5.71	0.5	1	4	PASS

Tes	t condition	s	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Lim Gain (W			Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS7 (HT40)	2422	3	7.01	5.02	0.5	1	4	PASS







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			k output power

Operation mode: 3 (Channel 6 – Frequency 2437 MHz)

Protocol: 11b

Test	conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 1M	2437	6	16.45	44.16	0.5	1	4	PASS

Test conditions			Frequency	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 2M	2437	6	16.40	43.65	0.5	1	4	PASS

Test conditions			Frequency	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 5.5M	2437	6	14.44	27.80	0.5	1	4	PASS

Test conditions			Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVIEZ)		dBm	mW	dBi	dBi Conducted F	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 11M	2437	6	16.21	41.78	0.5	1	4	PASS







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Graphical presentation of	f maximum	conducted	peak output power
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Operation mode: 3 (Channel 6 – Frequency 2437 MHz)

Protocol: 11g

Test	conditions		Frequency	Channel	Conducted Output Power (Eirp)		Antenna Lin Gain (V			Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 6M	2437	6	14.65	29.17	0.5	1	4	PASS

Test	est conditions		Frequency	Channel	Output	Conducted Output Power (Eirp)		Limits (W)		Result
Temperature	Voltage	Data rate	(IVIEZ)	MHz)		mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 9M	2437	6	14.56	28.58	0.5	1	4	PASS

Tes	t conditions	5	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)  Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 12M	2437	6	14.86	30.62	0.5	1	4	PASS

Test	conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVIEZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 18M	2437	6	14.82	30.34	0.5	1	4	PASS

Test	Test conditions		Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 24M	2437	6	12.96	19.77	0.5	1	4	PASS







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Test	conditions	5	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 36M	2437	6	12.93	19.63	0.5	1	4	PASS

Test	Test conditions  Temperature Voltage Data rate		Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)  Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 48M	2437	6	11.98	15.77	0.5	1	4	PASS

Test	conditions	3	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g 54M	2437	6	12.21	16.63	0.5	1	4	PASS







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		k output power

Operation mode: 3 (Channel 6 – Frequency 2437 MHz)

Protocol: HT20

Tes	t conditions	5	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)  Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS0 (HT20)	2437	6	14.84	30.48	0.5	1	4	PASS

Tes	Test conditions		Frequency	Channel	Conducted Output Channel Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS1 (HT20)	2437	6	15.38	34.51	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS2 (HT20)	2437	6	14.85	30.55	0.5	1	4	PASS

Test	t conditions	5	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)		Output Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated			
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS3 (HT20)	2437	6	12.76	18.88	0.5	1	4	PASS		

Test	t conditions	5	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)		Output Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated			
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS4 (HT20)	2437	6	13.21	20.94	0.5	1	4	PASS		







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Test	conditions	5	Frequency (MHz)	Channel	Out	ucted put (Eirp)	Antenna Gain	Limi (W		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS5 (HT20)	2437	6	12.03	15.96	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS6 (HT20)	2437	6	11.64	14.59	0.5	1	4	PASS

Tes	t conditions	5	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS7 (HT20)	2437	6	10.83	12.10	0.5	1	4	PASS







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		k output power

Operation mode: 3 (Channel 6 – Frequency 2437 MHz)

Protocol: HT40

Tes	t conditions	5	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS0 (HT40)	2437	6	11.28	13.43	0.5	1	4	PASS

Tes	t conditions		-   Output		Antenna Gain			Result		
Temperature	Voltage	Data rate	(IVIEZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS1 (HT40)	2437	6	12.03	15.96	0.5	1	4	PASS

Test	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS2 (HT40)	2437	6	11.66	14.65	0.5	1	4	PASS

Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS3 (HT40)	2437	6	8.42	6.95	0.5	1	4	PASS

Tes	t condition	s	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS4 (HT40)	2437	6	8.94	7.83	0.5	1	4	PASS







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Tes	t condition	S	Frequency (MHz)	Frequency   Output		Antenna Gain	Limits (W)		Result	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS5 (HT40)	2437	6	9.08	8.10	0.5	1	4	PASS

Tes	t condition	s	Frequency (MHz)	Channel	Out	ucted put (Eirp)	Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS6 (HT40)	2437	6	7.58	5.73	0.5	1	4	PASS

Tes	t condition	s	Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS7 (HT40)	2437	6	6.93	4.93	0.5	1	4	PASS







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Graphical presentation of maximum conducted peak output power

Operation mode: 4 (Channel 11 – Frequency 2462 MHz)

Protocol: 11b

Test	conditions		Frequency (MHz)	Channel	Condu Output (Eir	Power	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 1M	2462	11	16.27	42.36	0.5	1	4	PASS

Test	conditions		Frequency	Channel	Condu Output (Eir	Power	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 2M	2462	11	16.14	41.11	0.5	1	4	PASS

Test	conditions		Frequency (MHz)	Channel	Condu Output (Eir	Power	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 5.5M	2462	11	14.36	27.29	0.5	1	4	PASS

Test	conditions		Frequency (MHz)	Channel	Out	ucted tput r (Eirp)	Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate	(141112)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11b, 11M	2462	11	15.97	39.54	0.5	1	4	PASS







Issue Date: 16/09/2022

Graphical presentation of maximum conducted peak output power

Operation mode: 4 (Channel 11 – Frequency 2462 MHz)

Protocol: 11g

Test	conditions		Frequency (MHz)	Channel	Outpu	ucted t Power irp)	Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 6M	2462	11	14.41	27.61	0.5	1	4	PASS

Test	conditions		Frequency (MHz)	Channel	Condu Output (Eir	Power	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 9M	2462	11	14.34	27.16	0.5	1	4	PASS

Tes	t conditions	5	Frequency (MHz)	Channel	Out	ucted put (Eirp)	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 12M	2462	11	14.53	28.38	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)	Channel		ucted :put r (Eirp)	Antenna Gain	Lim (W		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 18M	2462	11	14.62	28.97	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)	Channel		ucted put (Eirp)	Antenna Gain	Limi		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 24M	2462	11	12.97	19.81	0.5	1	4	PASS







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Test	Test conditions  Temperature   Voltage   Data rate		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Limits Gain (W)			Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 36M	2462	11	12.97	19.81	0.5	1	4	PASS

Test	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Output Antenna Gain		Limits (W)	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g, 48M	2462	11	12.02	15.92	0.5	1	4	PASS

Test	conditions	3	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Limits Gain (W)			Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11g 54M	2462	11	12.00	15.85	0.5	1	4	PASS







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		k output power

Operation mode: 4 (Channel 11 – Frequency 2462 MHz)

Protocol: HT20

Tes	t conditions	S	Frequency (MHz)	Channel	Out	Conducted Output Power (Eirp)  Antenna Gain		Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS0 (HT20)	2462	11	14.34	27.16	0.5	1	4	PASS

Test	t conditions		Frequency (MHz)	Ou		ucted :put · (Eirp)	Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(IVITIZ)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS1 (HT20)	2462	11	14.86	30.62	0.5	1	4	PASS

Test	conditions	3	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		utput Antenna Gain		Limits (W)	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS2 (HT20)	2462	11	14.46	27.92	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS3 (HT20)	2462	11	12.37	17.26	0.5	1	4	PASS

Test	t conditions	5	Frequency (MHz)	Channel Conducted Output Power (Eirp)		Antenna Limi Gain (W			Result	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS4 (HT20)	2462	11	13.11	20.46	0.5	1	4	PASS







Issue Date: 16/09/2022

Test	Test conditions  Temperature Voltage Data rate		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS5 (HT20)	2462	11	11.82	15.20	0.5	1	4	PASS

Test	conditions	5	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		utput Antenna		Limits (W)	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS6 (HT20)	2462	11	11.09	12.85	0.5	1	4	PASS

Tes	t conditions	5	Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Limits Gain (W)			Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS7 (HT20)	2462	11	10.46	11.11	0.5	1	4	PASS







Issue Date: 16/09/2022

I presentation of		

Operating mode: 5 (Channel 9 – Frequency 2452 MHz)

Protocol: HT40

Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Limits Gain (W)			Result	
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS0 (HT40)	2452	9	10.80	12.02	0.5	1	4	PASS

Tes	Test conditions		Frequency Channel		Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate	(MHz)		dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS1 (HT40)	2452	9	11.66	14.65	0.5	1	4	PASS

Test	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS2 (HT40)	2452	9	10.99	12.56	0.5	1	4	PASS

Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS3 (HT40)	2452	9	8.34	6.82	0.5	1	4	PASS

Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Limits Gain (W)			Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS4 (HT40)	2452	9	8.82	7.62	0.5	1	4	PASS







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Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Limits Gain (W)			Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS5 (HT40)	2452	9	8.04	6.38	0.5	1	4	PASS

Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS6 (HT40)	2452	9	7.04	5.06	0.5	1	4	PASS

Tes	Test conditions		Frequency (MHz)	Channel	Conducted Output Power (Eirp)		Antenna Gain	Limits (W)		Result
Temperature	Voltage	Data rate			dBm	mW	dBi	Conducted	Radiated	
Tnom +20.5°C	5Vdc (internal battery)	11n, MCS7 (HT40)	2452	9	6.52	4.49	0.5	1	4	PASS







Issue Date: 16/09/2022

6dB Bandwidth							
Test date	From 06/04/2022 to 08/04/2022						
Applied Standard	Title 47 Part 15 Subpart C §15.247						
Test method	According to Par. 8.2 of KDB 558074 D01 15.247 Meas. Guidance v05r02 (and par. 11.8.1 Option 1 of ANSI C63.10)						
Temperature	23,1°						
Humidity	54%						
Tested by	Francesco Lombardi						
Model	MP350						
Internal Storage No.	1 (Storage no. A003216149-003)						
Operating mode	1, 2, 3, 4, 5						
Tested terminals	Antenna connector						
Result	PASS						
Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483,5 MHz, and 5725-5850 MHz bands, The minimum 6 dB bandwidth shall be at least 500 kHz.							



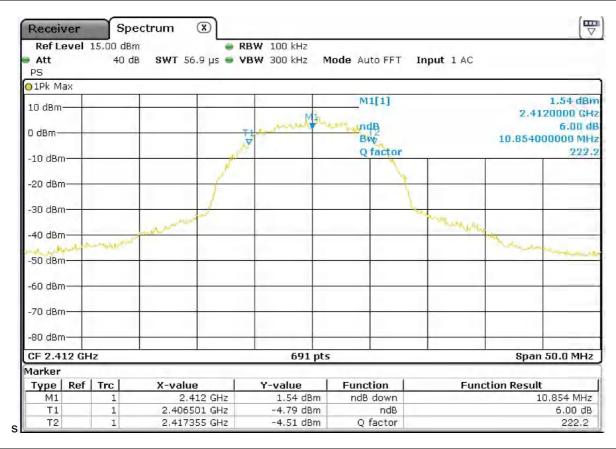




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions		Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 1M	2412	1	10.85	PASS





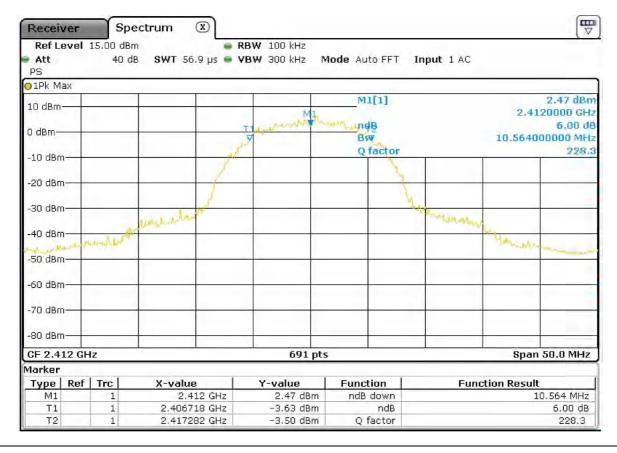




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions		Frequency (MHz)	Channel	6dB Bandwidth	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(MHz)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 2M	2412	1	10.56	PASS





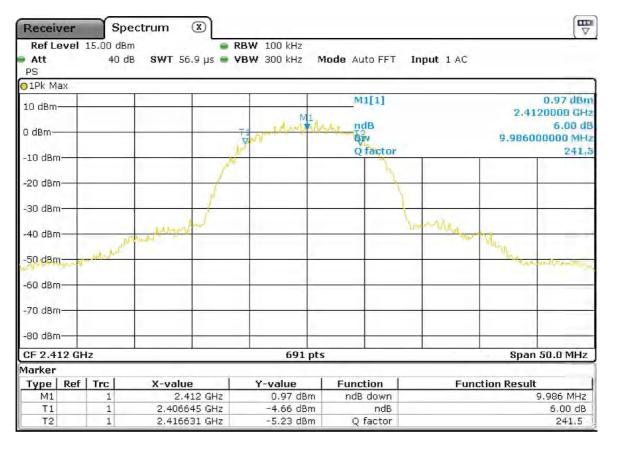




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(141112)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 5.5M	2412	1	9.98	PASS





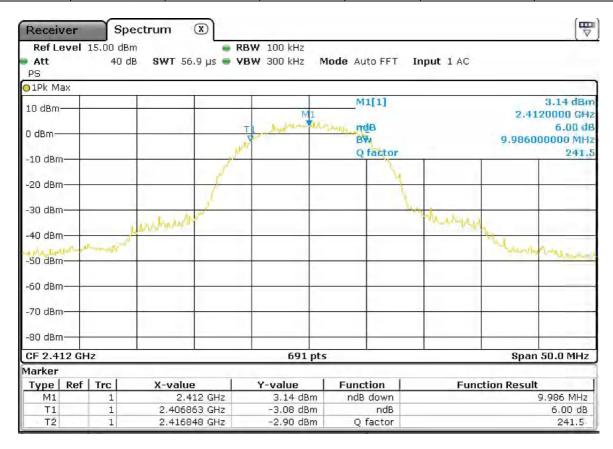




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVIEZ)		(141112)	
	5Vdc					
Tnom +23,1°C	(internal	11b, 11M	2412	1	9.98	PASS
,	battery)					





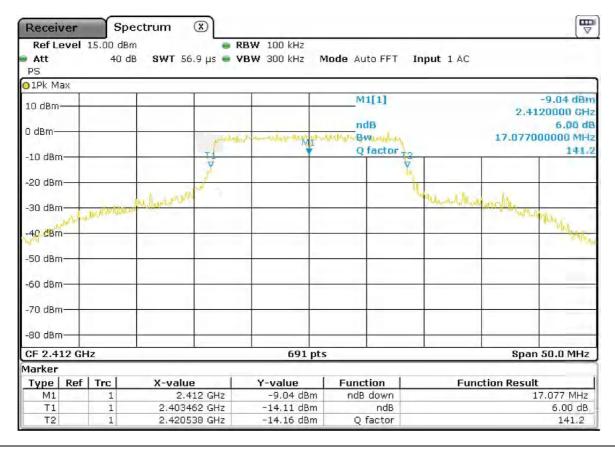




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIFIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 6M	2412	1	17.07	PASS





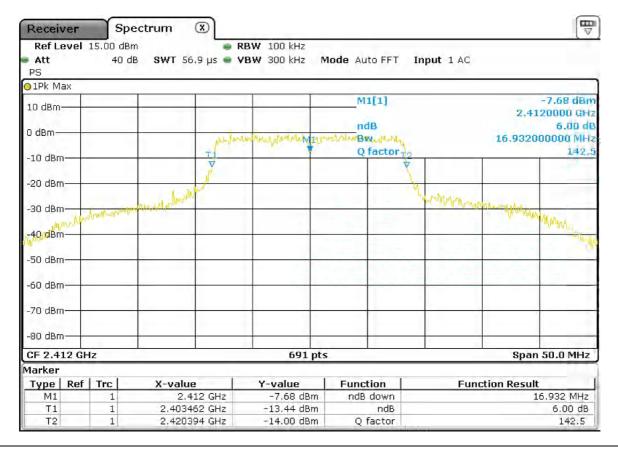




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 9M	2412	1	16.93	PASS





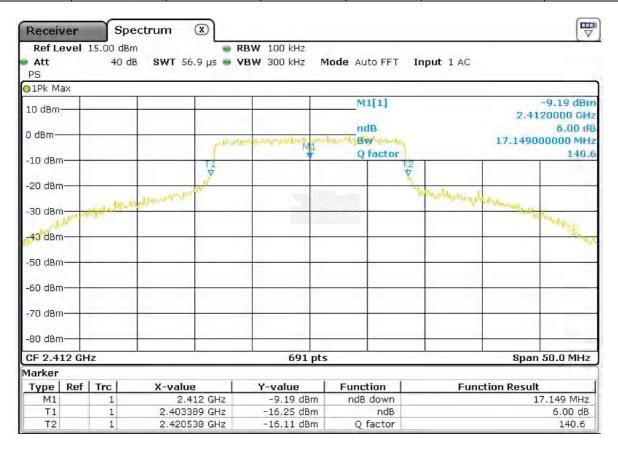




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVIHZ)		(IVITIZ)	
	5Vdc					
Tnom +23,1°C	(internal	11g, 12M	2412	1	17.15	PASS
	battery)					





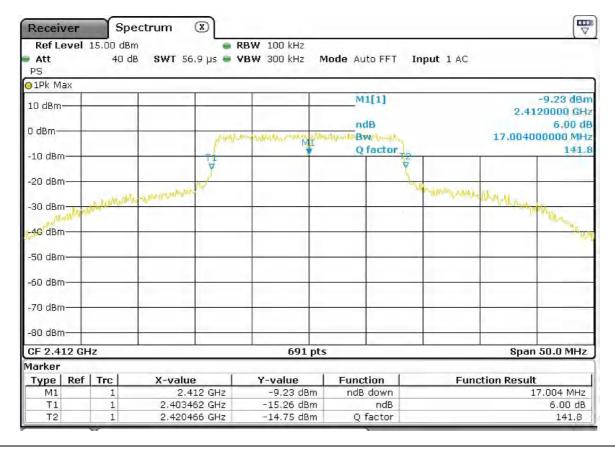




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVID2)		(IVITZ)	
Tnom +23,1°C		11g, 18M	2412	1	17.00	PASS
ĺ	battery)					





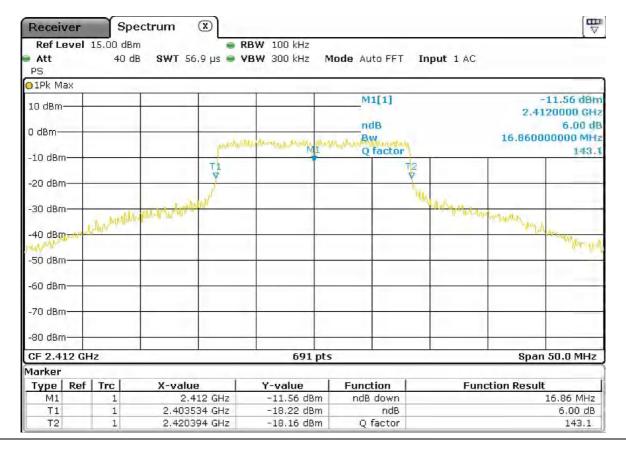




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz) Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVID2)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 24M	2412	1	16.86	PASS





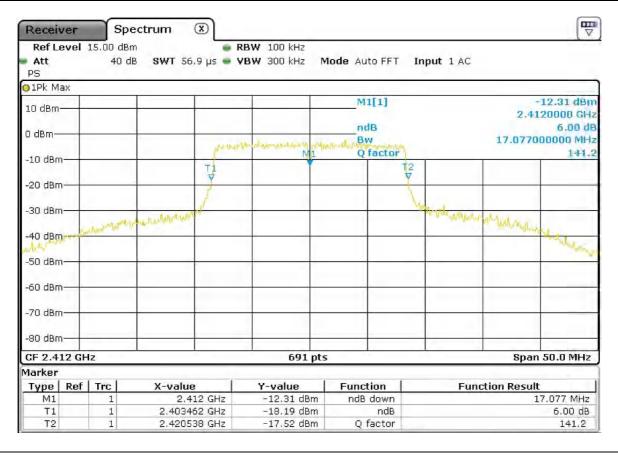




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVIHZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 36M	2412	1	17.08	PASS





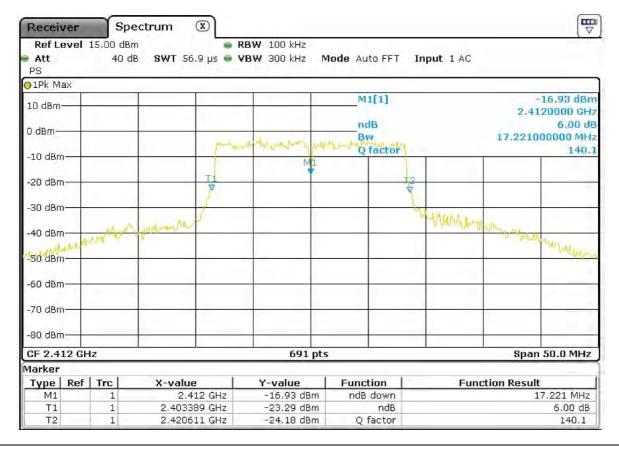




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVID2)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 48M	2412	1	17.22	PASS





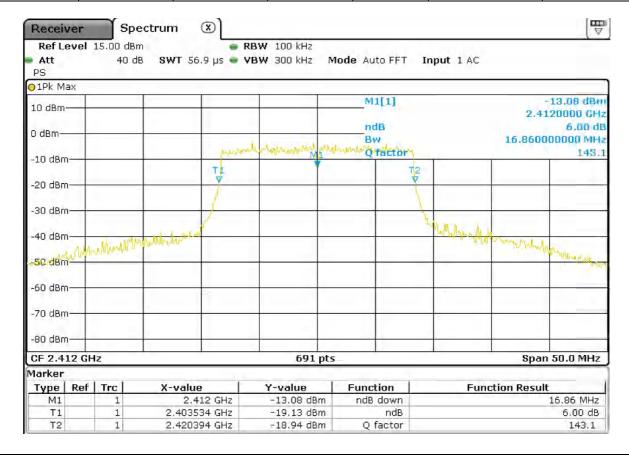




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVIEZ)		(141112)	
	5Vdc					
Tnom +23,1°C	(internal	11g, 54M	2412	1	16.86	PASS
<u> </u>	battery)					





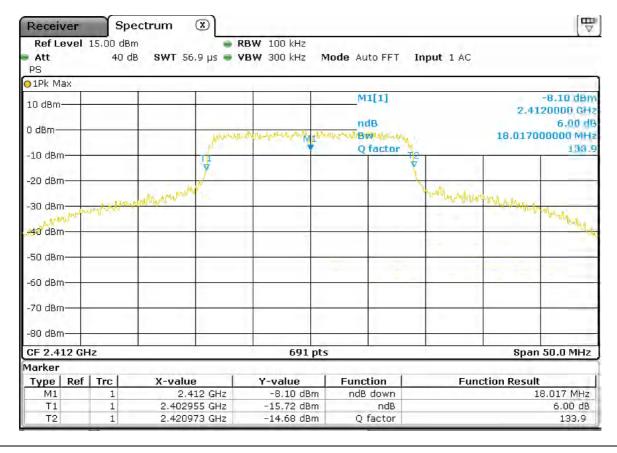




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIFIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS0 (HT20)	2412	1	18.02	PASS





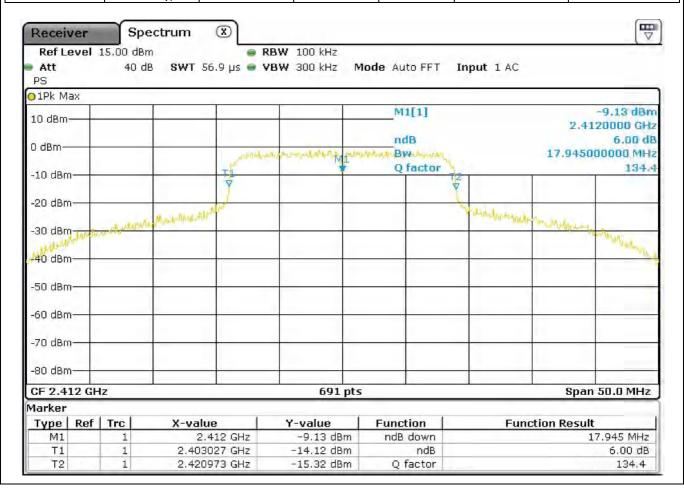




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS1 (HT20)	2412	1	17.94	PASS





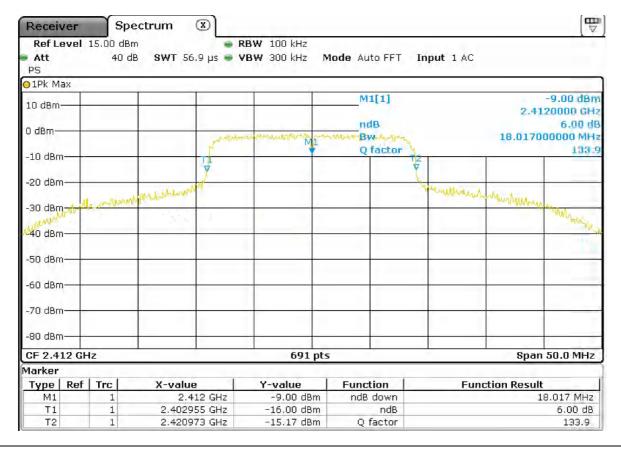




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(MHz)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS2 (HT20)	2412	1	18.02	PASS





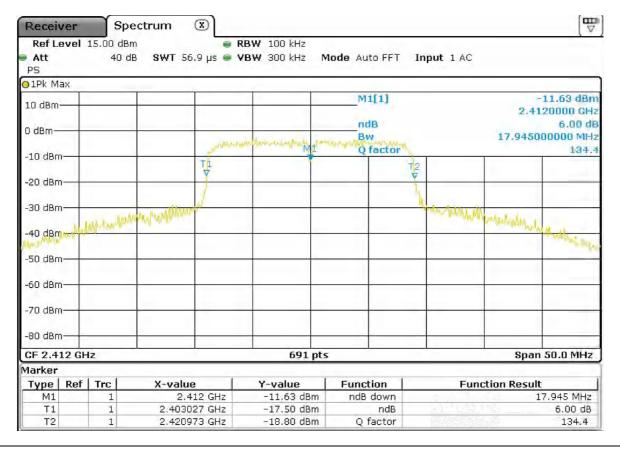




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth	Result
Temperature	Voltage	Data rate	(IVITIZ)		(MHz)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS3 (HT20)	2412	1	17.94	PASS





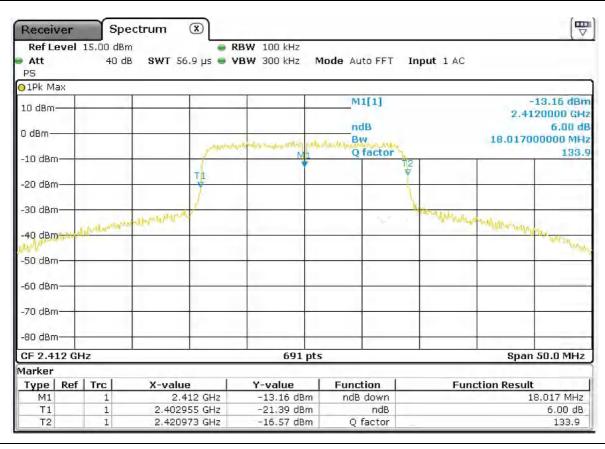




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## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS4 (HT20)	2412	1	18.02	PASS





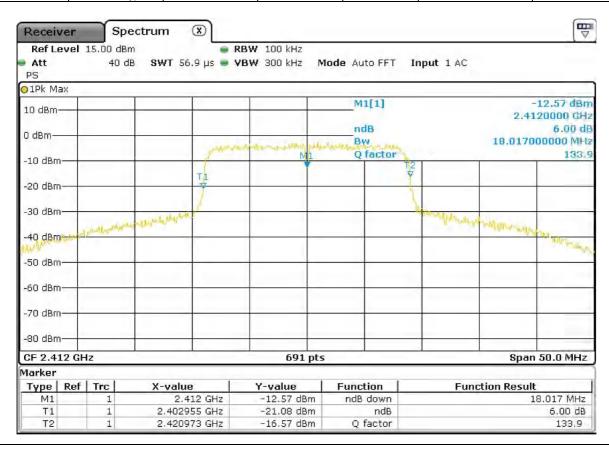




Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS5 (HT20)	2412	1	18.02	PASS





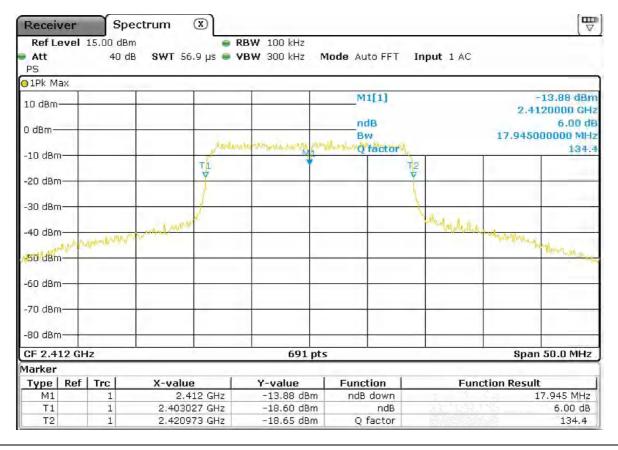




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVIIIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS6 (HT20)	2412	1	17.94	PASS





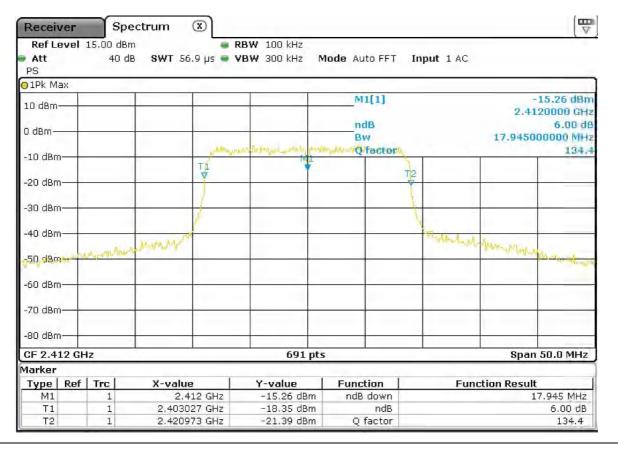




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(141112)		(141112)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS7 (HT20)	2412	1	17.94	PASS







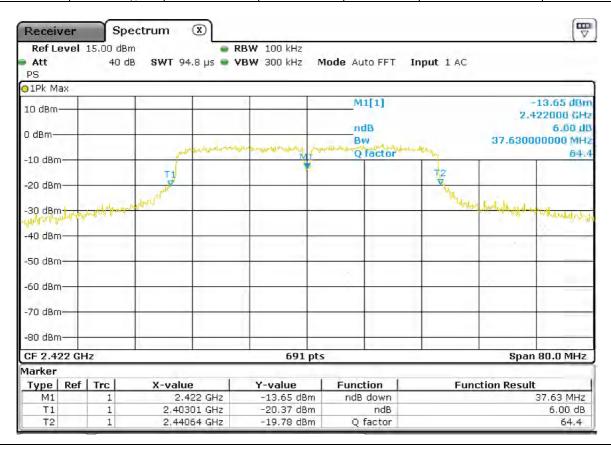


Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Operating mode: 2 (Channel 3 - Frequency 2422 MHz)

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVIEZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS0 (HT40)	2422	3	37.63	PASS







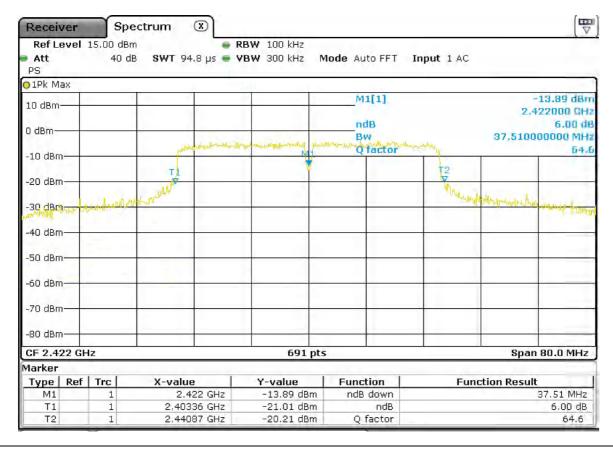


Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

Operating mode: 2 (Channel 3 - Frequency 2422 MHz)

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS1 (HT40)	2422	3	37.51	PASS





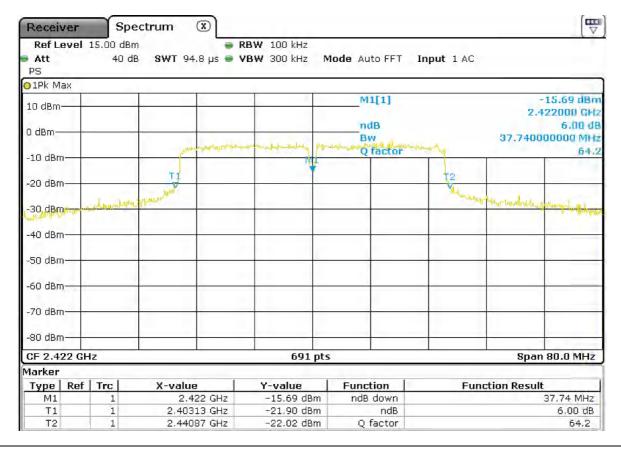




Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS2 (HT40)	2422	3	37.74	PASS





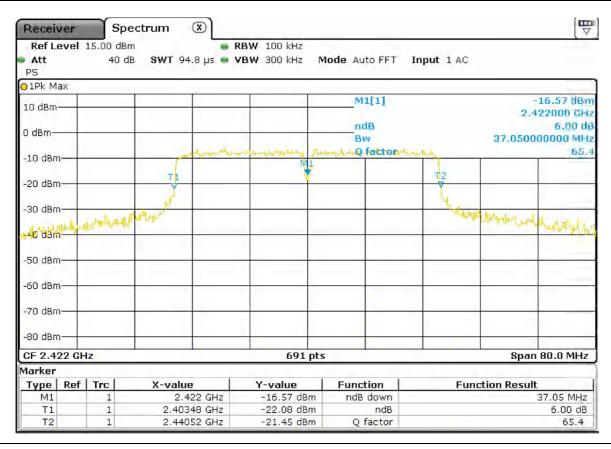




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIП2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS3 (HT40)	2422	3	37.05	PASS





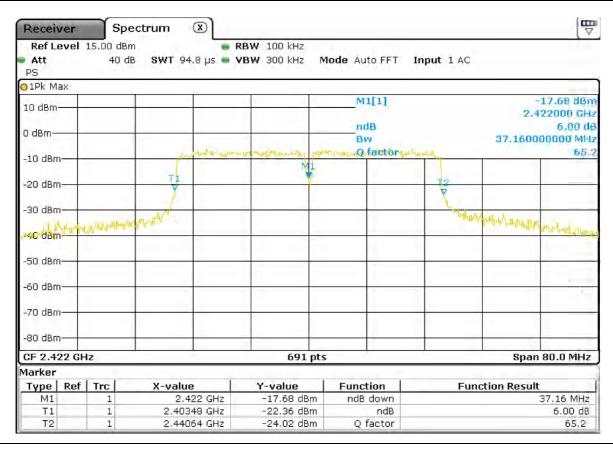




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIП2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS4 (HT40)	2422	3	37.16	PASS





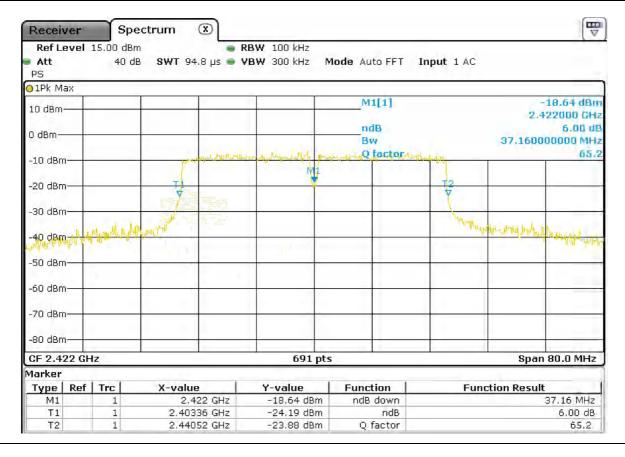




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS5 (HT40)	2422	3	37.16	PASS





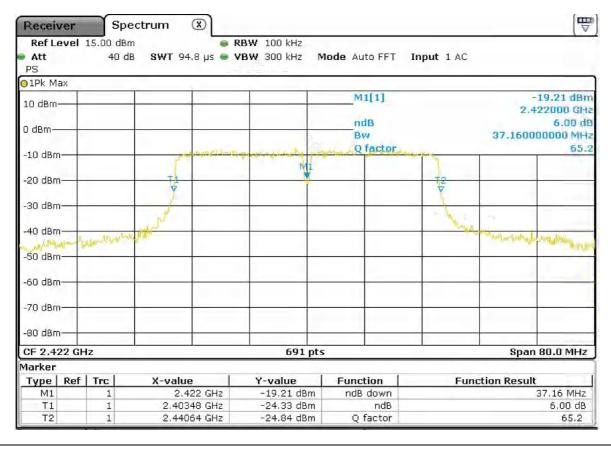




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS6 (HT40)	2422	3	37.16	PASS





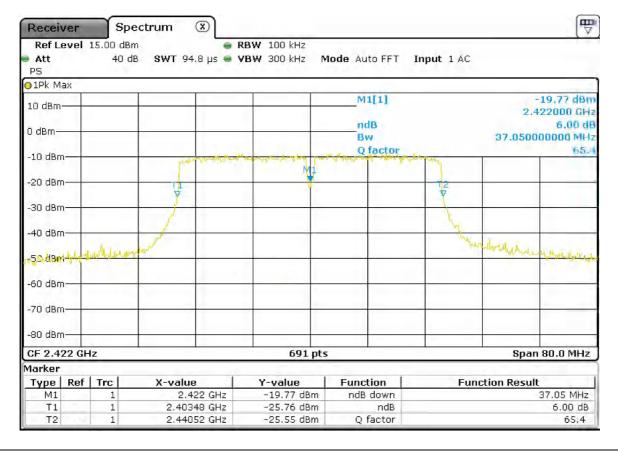




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVID2)		(141112)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS7 (HT40)	2422	3	37.05	PASS





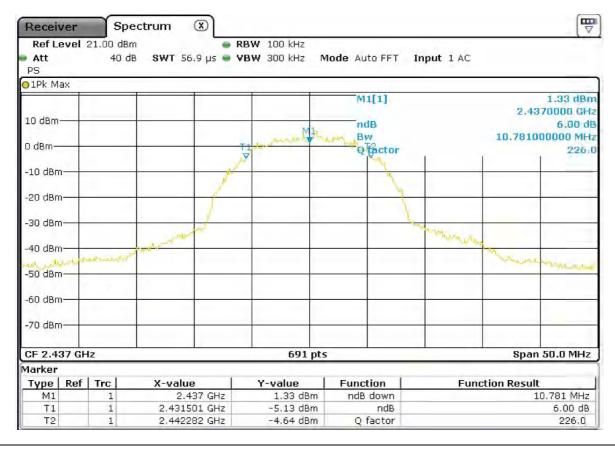




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 1M	2437	6	10.78	PASS





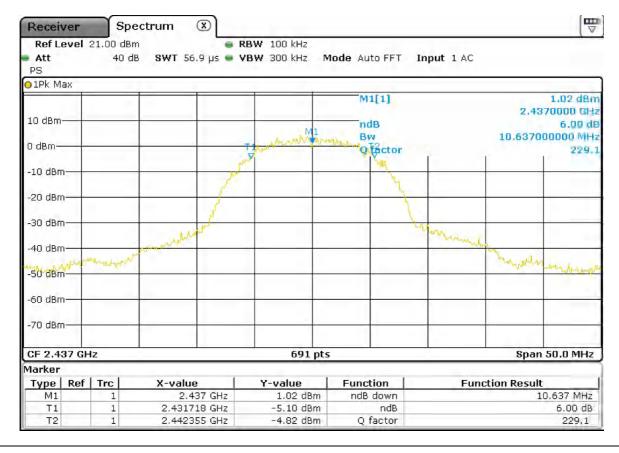




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 2M	2437	6	10.63	PASS





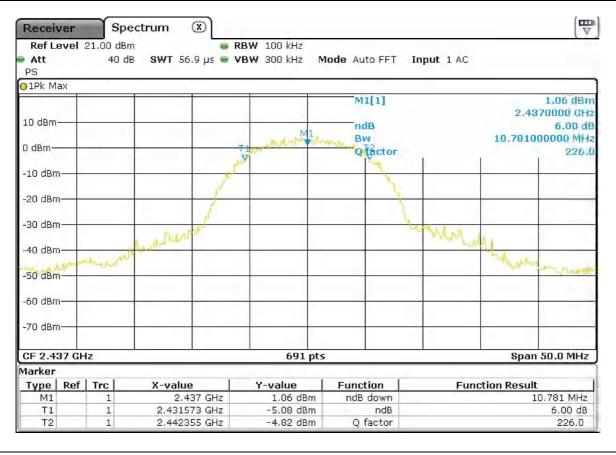




Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIHZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 5.5M	2437	6	10.78	PASS





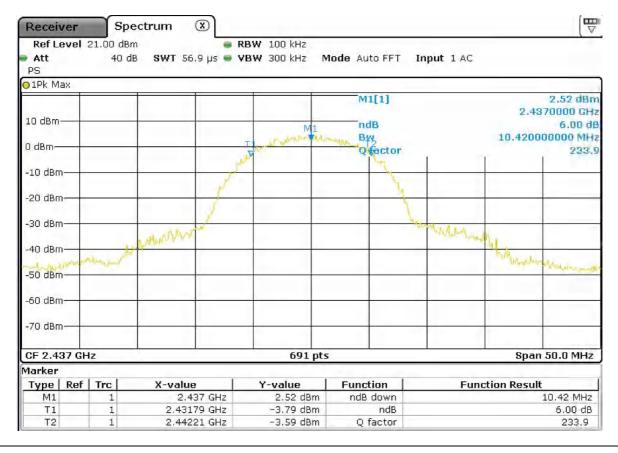




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 11M	2437	6	10.42	PASS





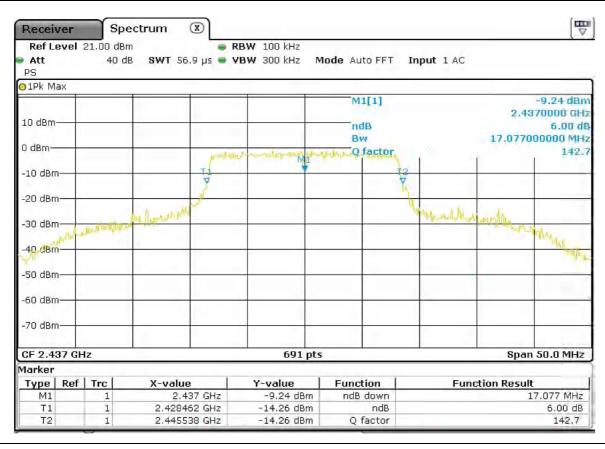




Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVIHZ)		(IVIFIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 6M	2437	6	17.07	PASS





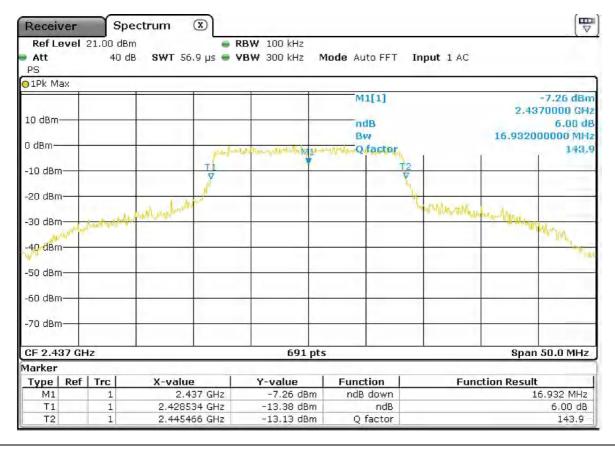




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 9M	2437	6	16.93	PASS





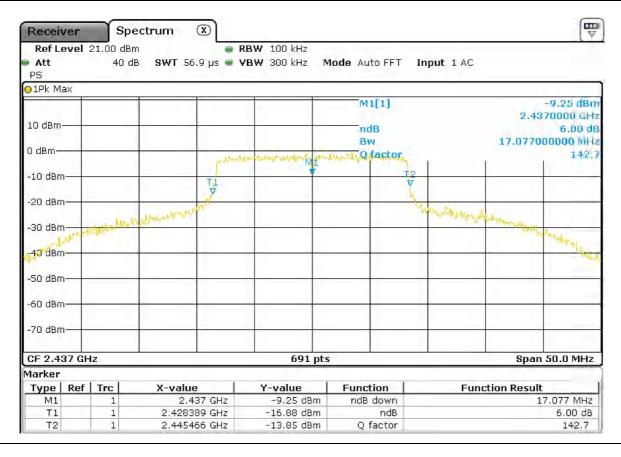




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIFIZ)	
	5Vdc					
Tnom +23,1°C	(internal	11g, 12M	2437	6	17.08	PASS
<u> </u>	battery)					





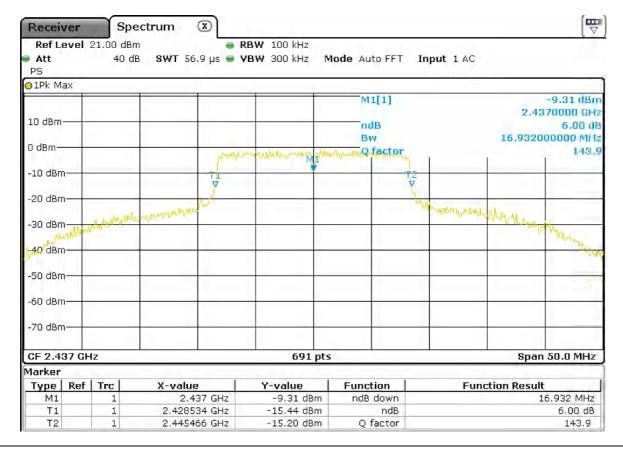




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 18M	2437	6	16.93	PASS





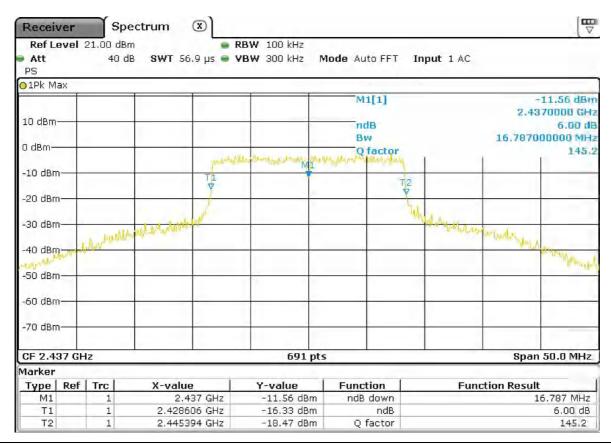




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Frequency (MHz) Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIHZ)		(IVIEZ)	
	5Vdc					
Tnom +23,1°C	(internal	11g, 24M	2437	6	16.78	PASS
,	battery)					





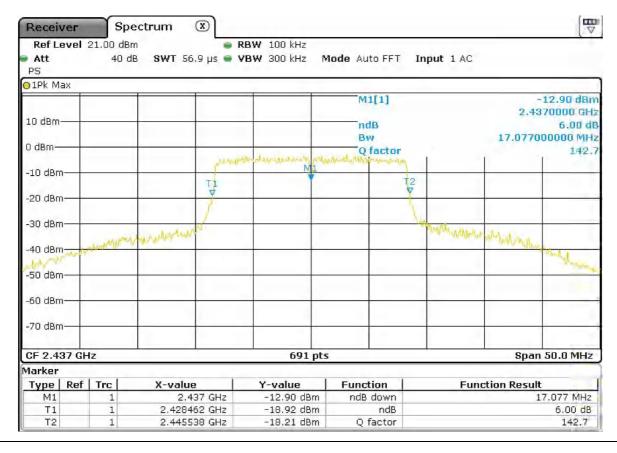




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency	Frequency (MHz) Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIHZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 36M	2437	6	17.07	PASS





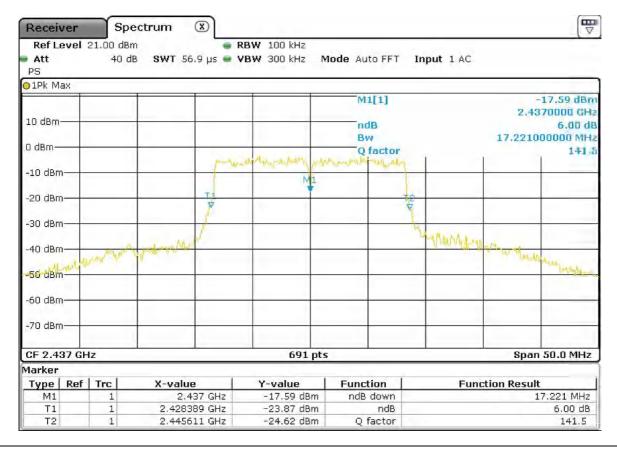




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			quency (Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 48M	2437	6	17.22	PASS





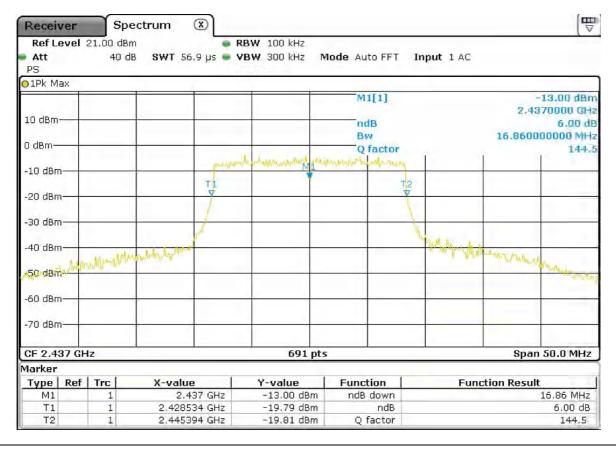




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency	Channel	6dB Bandwidth	Result
Temperature	Voltage	Data rate	(MHz)		(MHz)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 54M	2437	6	16.86	PASS





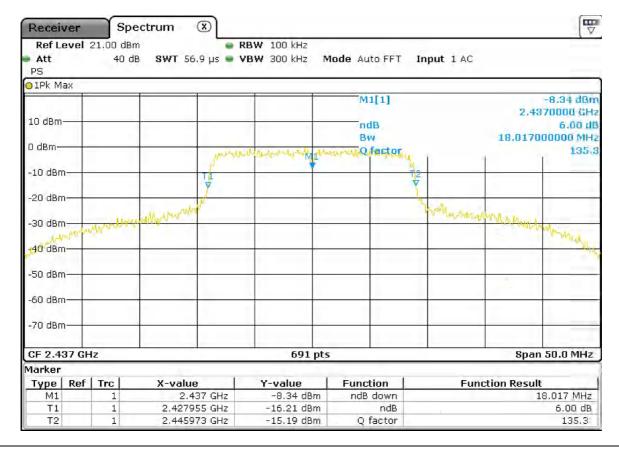




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS0 (HT20)	2437	6	18.02	PASS





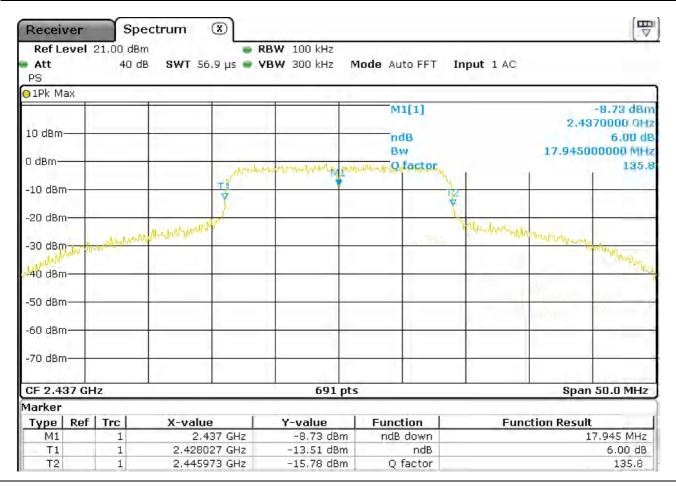




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

	Test conditions			requency (MHz)	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIHZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS1 (HT20)	2437	6	17.94	PASS





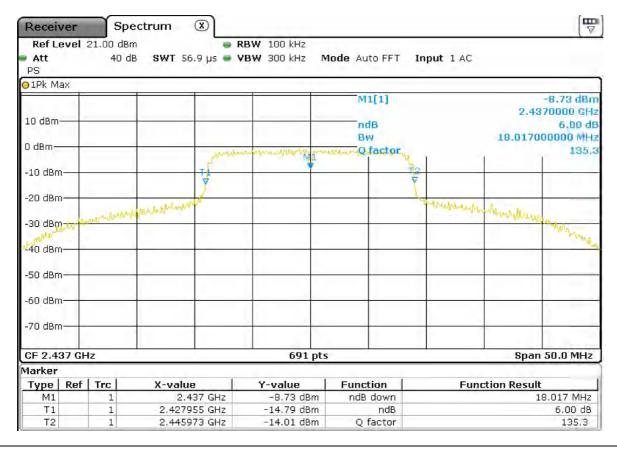




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS2 (HT20)	2437	6	18.02	PASS





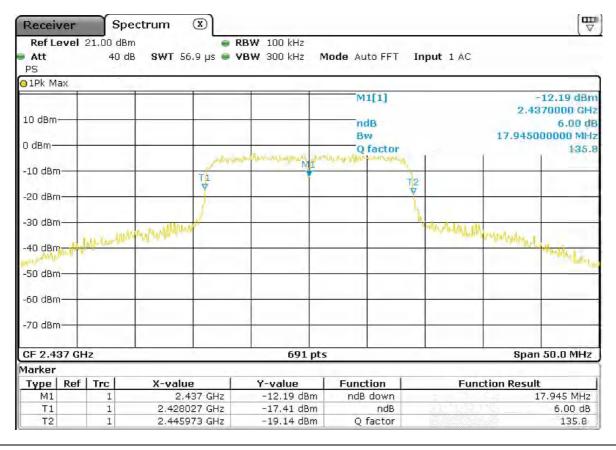




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVID2)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS3 (HT20)	2437	6	17.94	PASS





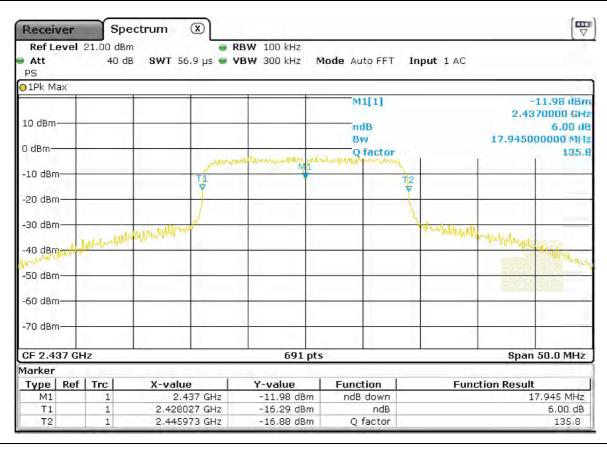




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			ency Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS4 (HT20)	2437	6	17.94	PASS





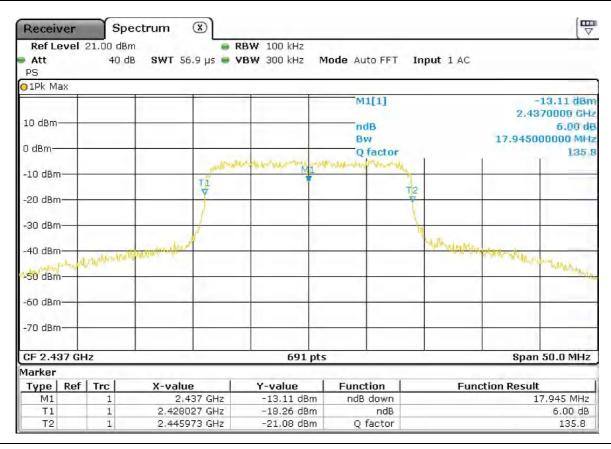




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			ency Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIП2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS5 (HT20)	2437	6	17.94	PASS





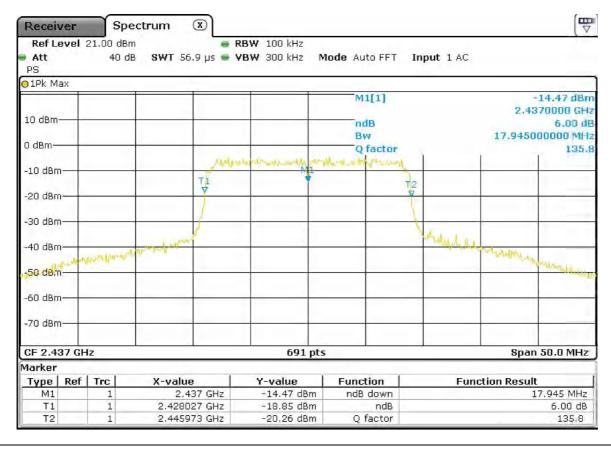




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS6 (HT20)	2437	6	17.94	PASS





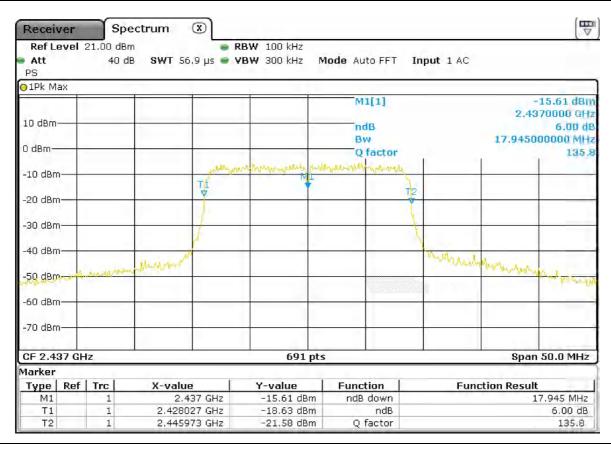




Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIП2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS7 (HT20)	2437	6	17.94	PASS





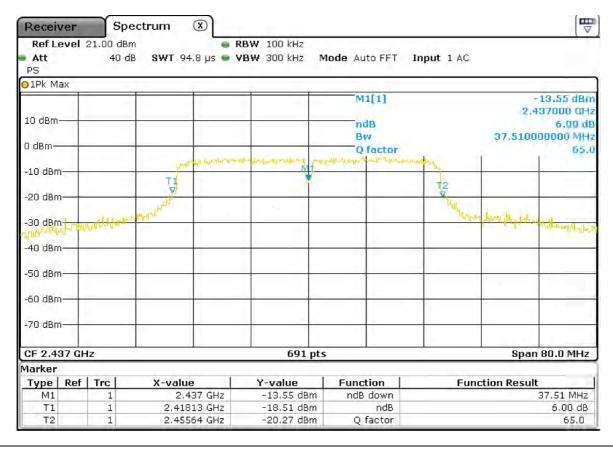




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS0 (HT40)	2437	6	37.51	PASS





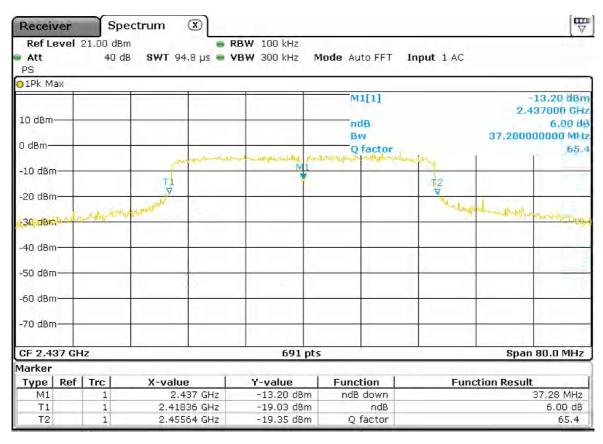




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS1 (HT40)	2437	6	37.28	PASS





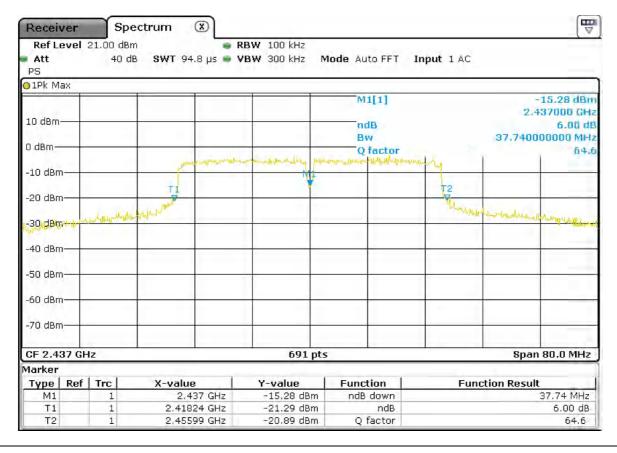




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS2 (HT40)	2437	6	37.74	PASS





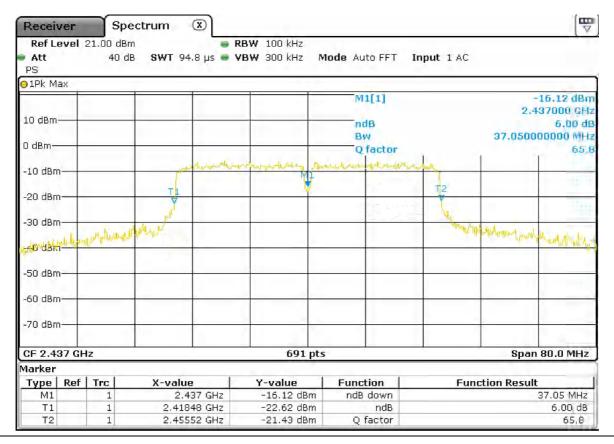




Issue Date: 16/09/2022

### Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(141112)		(141112)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS3 (HT40)	2437	6	37.05	PASS





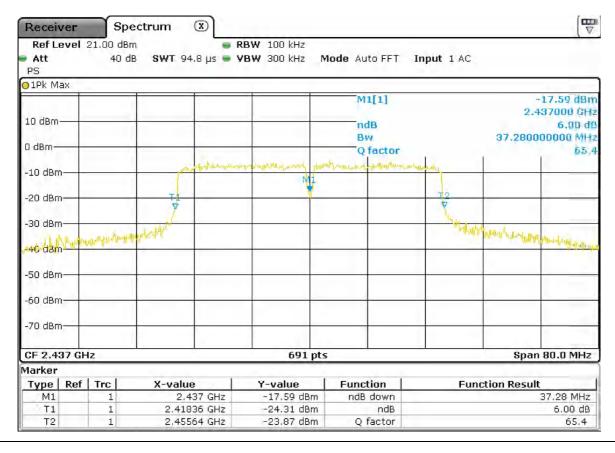




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS4 (HT40)	2437	6	37.28	PASS





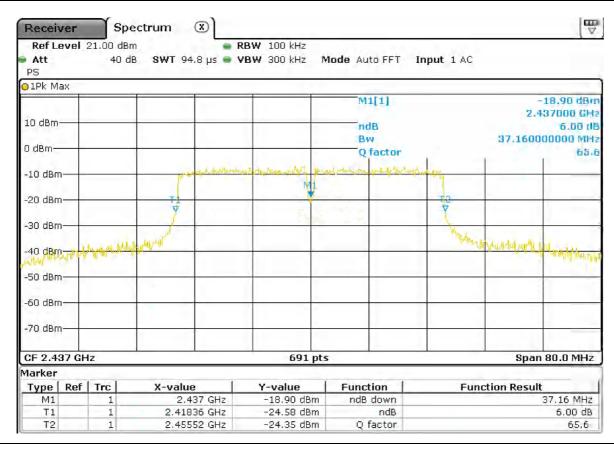




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIП2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS5 (HT40)	2437	6	37.16	PASS





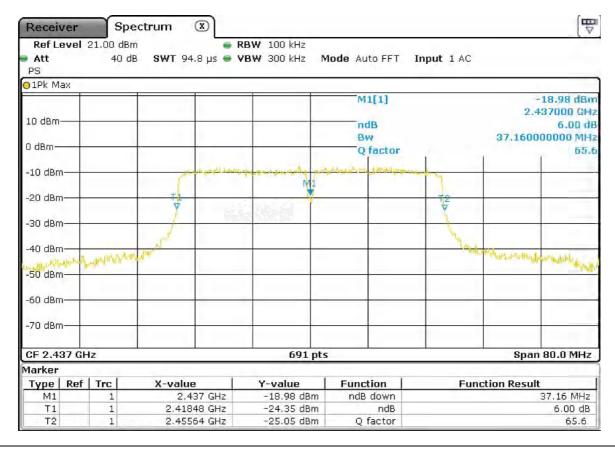




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS6 (HT40)	2437	6	37.16	PASS





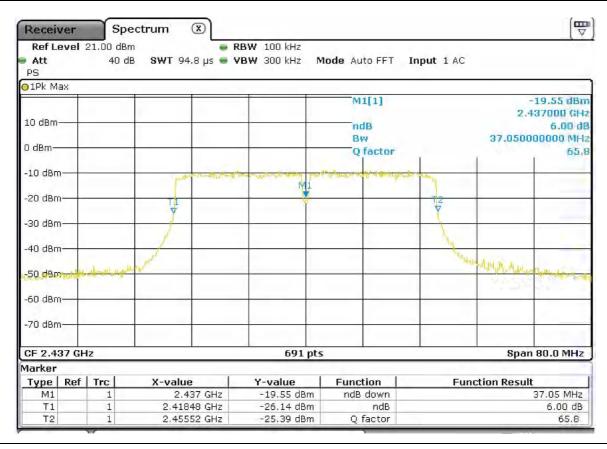




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

	Test conditions			Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIП2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS7 (HT40)	2437	6	37.05	PASS





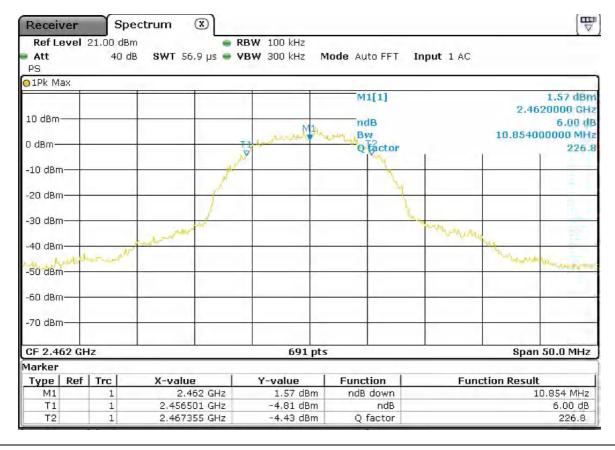




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 1M	2462	11	10.85	PASS





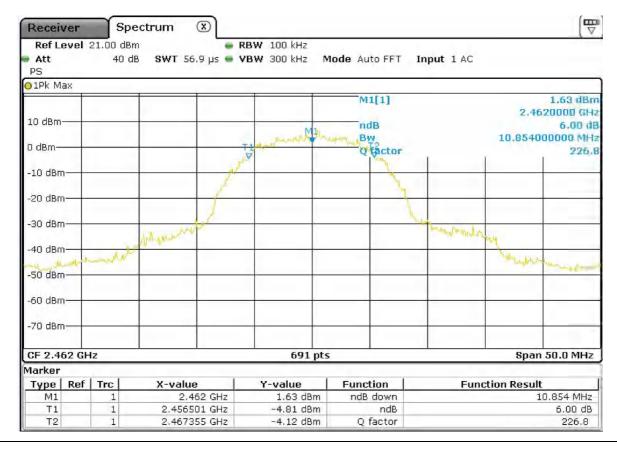




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11b, 2M	2462	11	10.85	PASS





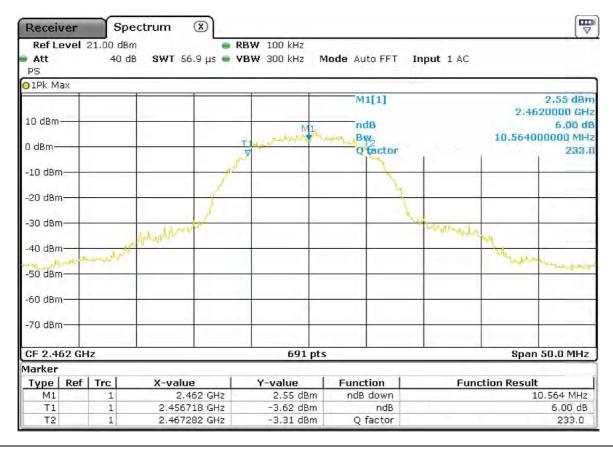




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIHZ)		(IVIFIZ)	
	5Vdc					
Tnom +23,1°C	(internal battery)	11b, 5.5M	2462	11	10.56	PASS





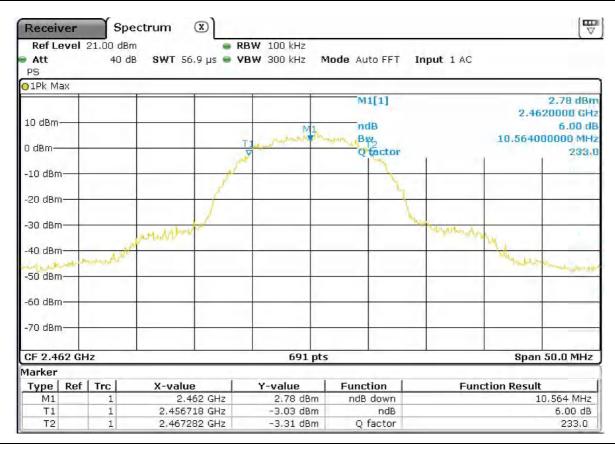




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency	' ' Channel I	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVITZ)	
	5Vdc					
Tnom +23,1°C	(internal	11b, 11M	2462	11	10.56	PASS
<u> </u>	battery)					





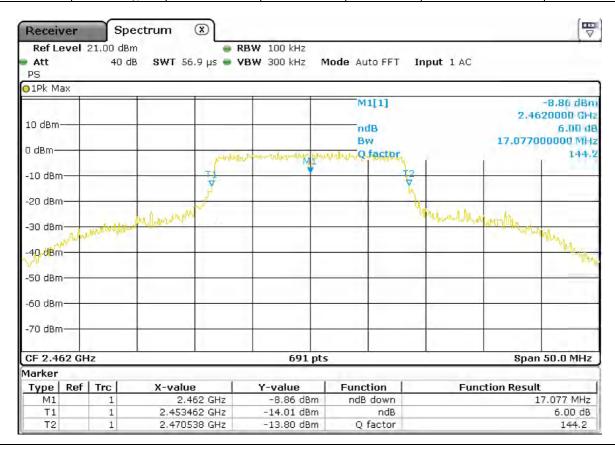




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

	Test conditions			ency Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(MHz)		(IVIFIZ)	
	5Vdc					
Tnom +23,1°C	(internal	11g, 6M	2462	11	17.08	PASS
,	battery)					





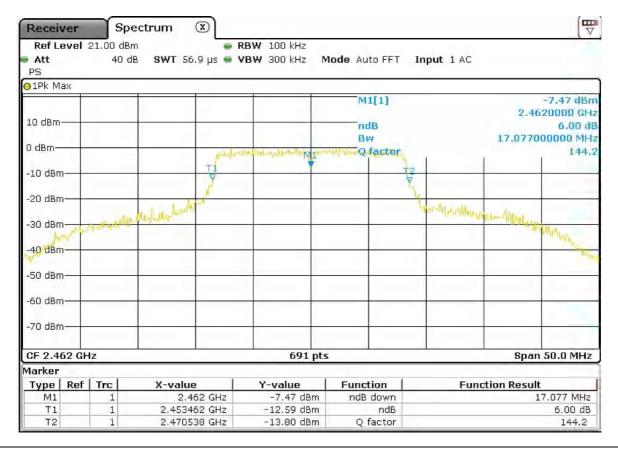




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 9M	2462	11	17.08	PASS





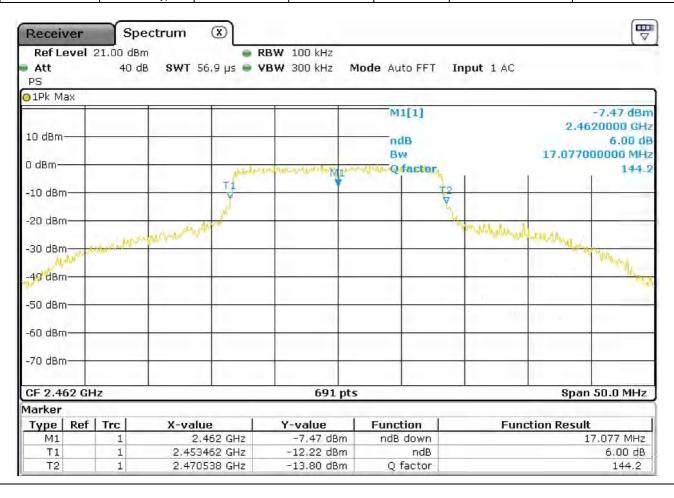




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency Channel	6dB Bandwidth (MHz)	Result	
Temperature	Voltage	Data rate	(IVIHZ)		(IVIFIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 12M	2462	11	17.08	PASS





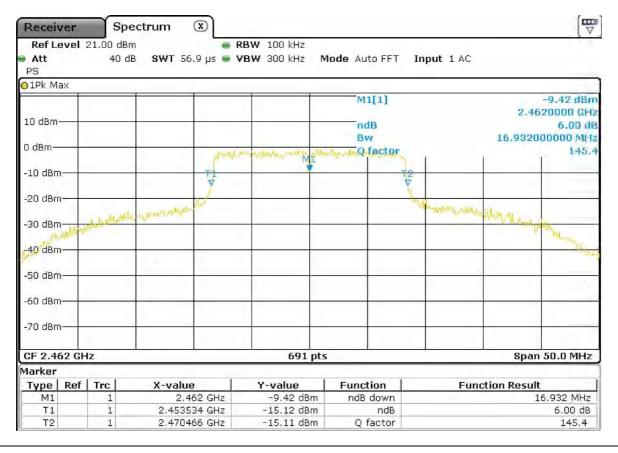




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 18M	2462	11	16.93	PASS





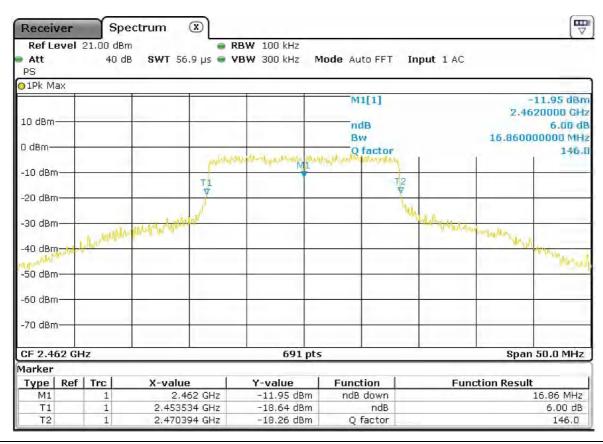




Issue Date: 16/09/2022

## Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 24M	2462	11	16.86	PASS





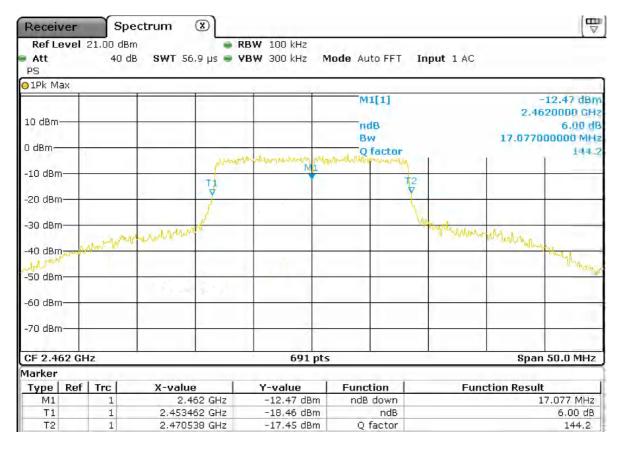




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 36M	2462	11	17.08	PASS





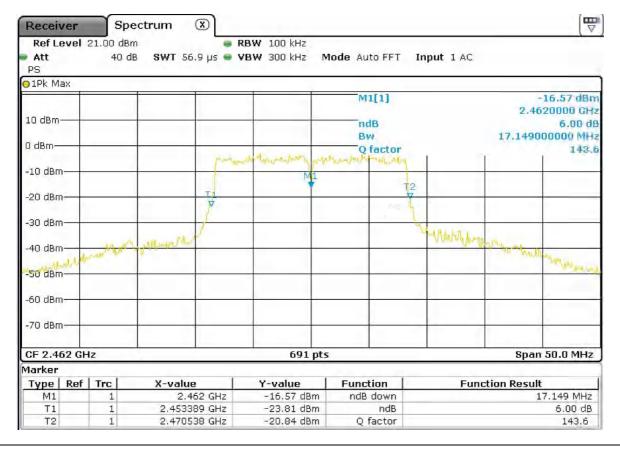




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 48M	2462	11	17.15	PASS





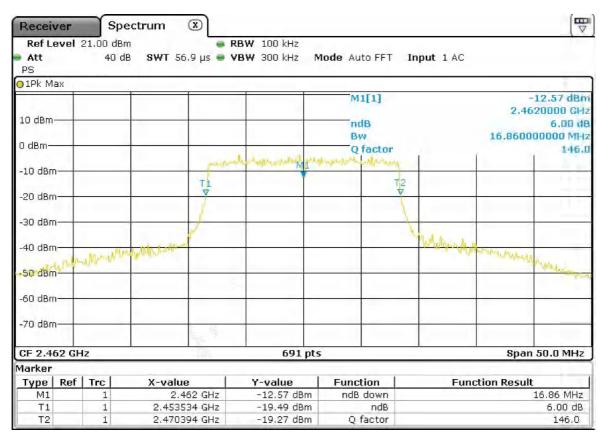




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11g, 54M	2462	11	16.86	PASS





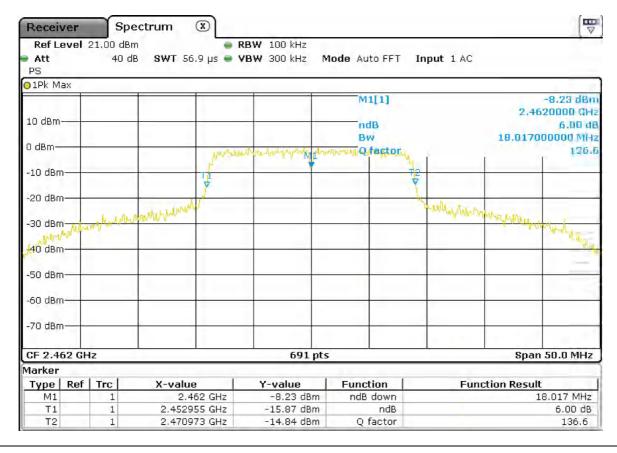




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIEZ)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS0 (HT20)	2462	11	18.02	PASS





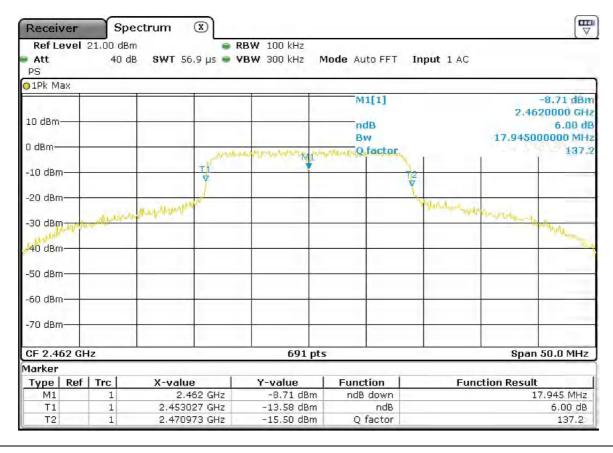




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVID2)		(IVITZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS1 (HT20)	2462	11	17.94	PASS





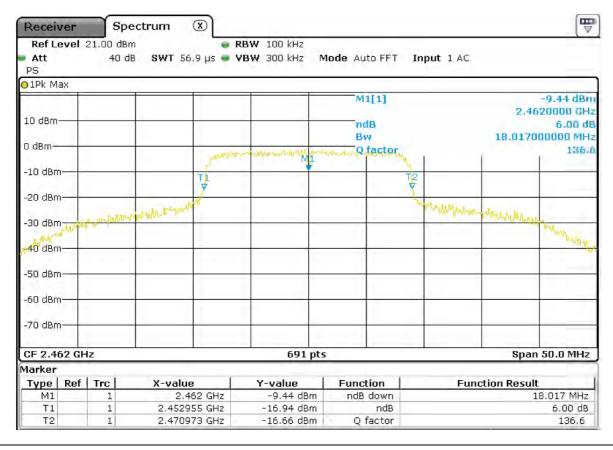




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVIEZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS2 (HT20)	2462	11	18.02	PASS





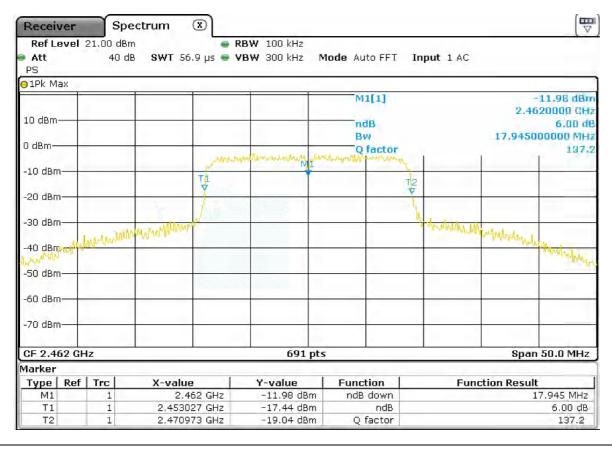




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS3 (HT20)	2462	11	17.94	PASS





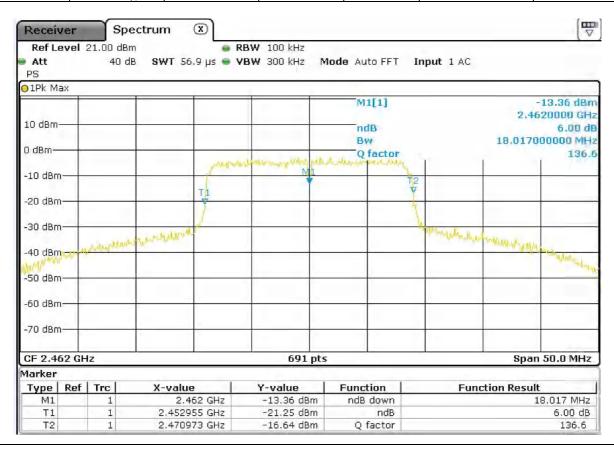




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS4 (HT20)	2462	11	18.02	PASS





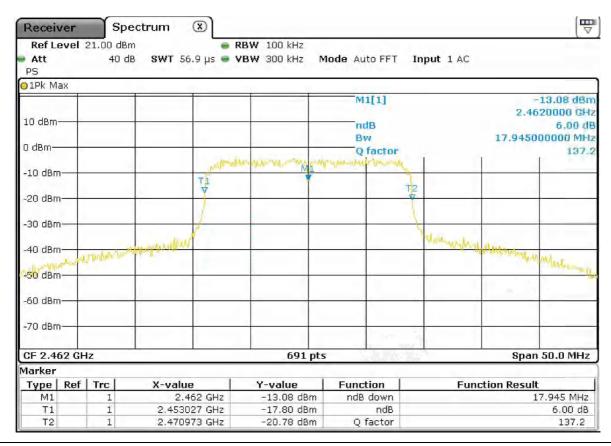




Issue Date: 16/09/2022

# Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVIEZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS5 (HT20)	2462	11	17.94	PASS





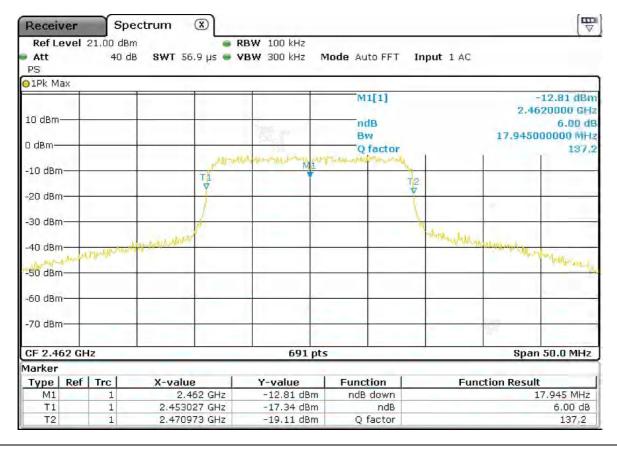




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVIII2)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS6 (HT20)	2462	11	17.94	PASS





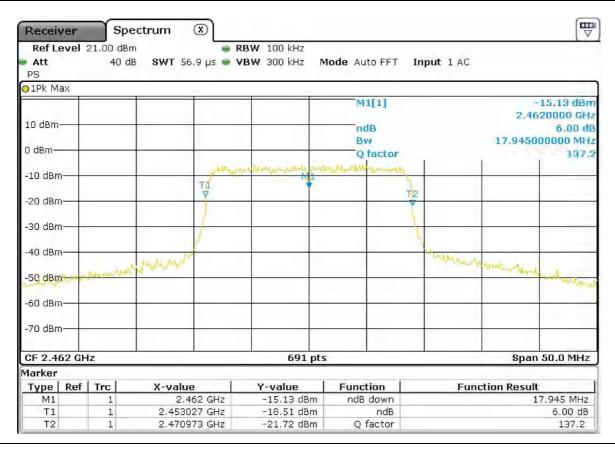




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVIFIZ)		(IVITIZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS7 (HT20)	2462	11	17.94	PASS





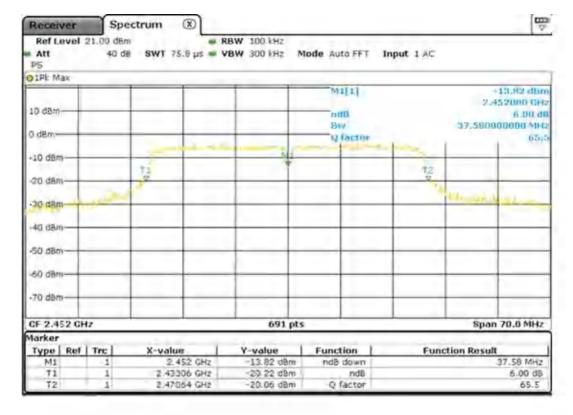




Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth (MHz)	Result
Temperature	Voltage	Data rate	(IVITIZ)		(IVIEZ)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS0 (HT40)	2452	9	37.58	PASS









Issue Date: 16/09/2022

Graphical presentation of 6dB Bandwidth measurement

Test conditions			Frequency (MHz)	Channel	6dB Bandwidth	Result
Temperature	Voltage	Data rate	(IVITIZ)		(MHz)	
Tnom +23,1°C	5Vdc (internal battery)	11n, MCS1 (HT40)	2452	9	37.38	PASS

