



FCC LISTED, REGISTRATION
NUMBER: 2764.01

Test report No:

ISED LISTED REGISTRATION
NUMBER: 23595-1

2323ERM.006A1

Test report

**USA FCC Part 15.407 (U-NII), 15.209
CANADA RSS-210, RSS-Gen
Unlicensed National Information Infrastructure Devices. General technical
requirements.
Licence-Exempt Radio Apparatus (All Frequency Bands): Category I Equipment.
General Requirements and Information for the Certification of Radio
Apparatus.**

Identification of item tested	WE866C3-P (Module)
Trademark	Telit
Model and /or type reference	WE866C3-P
Other identification of the product	FCC ID: RI7WE866C3 IC:5131A-WE866C3
Features	BT BR/EDR/LE 4.2 +Wi-Fi a/b/g/n/ac (Wave 1 => Max BW=80 mHz)
Manufacturer	TELIT communication s.p.a Viale Stazione di Prosecco 5/b, Trieste, Italy, 34010
Test method requested, standard	USA FCC Part 15.407 10-1-18 Edition: Unlicensed National Information Infrastructure Devices. General technical requirements. USA FCC Part 15.209 10-1-18 Edition: Radiated emission limits; general requirements. CANADA RSS-247 Issue 2 (February 2017). CANADA RSS-Gen Issue 5 (April 2018). 789033 D02 General UNII Test Procedures New Rules v02r01 Guidance for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.
Summary	IN COMPLIANCE
Approved by (name / position & signature)	Domingo Galvez EMC&RF Lab Manager
Date of issue	05-17-2019
Report template No	FDT08_21

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Competences and guarantees

DEKRA Certification Inc. is a testing laboratory accredited by A2LA (The American Association for Laboratory Accreditation), to perform the tests indicated in the Certificate 2764.01

DEKRA Certification Inc. is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA Certification Inc. has a calibration and maintenance program for its measurement equipment.

DEKRA Certification Inc. guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated on the report and, it is based on the knowledge and technical facilities available at DEKRA Certification at the time of performance of the test.

DEKRA Certification Inc. is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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General conditions

1. This report is only referred to the item that has undergone the test.
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4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA Certification Inc. and the Accreditation Bodies.

Uncertainty

Uncertainty (factor $k=2$) was calculated according to the DEKRA Certification internal document PODT000.

Frequency (MHz)	U(k=2)	Units
0,009 - 30	2.69	dB
30-180	3.82	dB
180-1000	2.61	dB
1000-18000	2.92	dB
18000-40000	2.15	dB

Data provided by the client

Companion module, supporting Wi-Fi 802.11 a/b/g/n/ac (wave 1) and BT (BR/EDR/LE (4.2)).

Single RF antenna port for both technologies Wi-Fi and BT.

SDIO and HCI I/F, respectively for Wi-Fi and BT control.

Module is controlled via a host Telit module, LE920A4 or LE910C1.

DEKRA declines any responsibility with respect to the information provided by the client and that may affect the validity of results.

Usage of samples

Samples undergoing test have been selected by: The client.

Sample S/01 is composed of the following elements:

Control N°	Description	Model	Serial N°	Date of reception
2323/01	Telit Cradle with power supply	CS1742E	CS1742E-A-18000517	10/10/2018
2323/20	Telit Module	WE866C3-P	1868A- A38927180014	10/10/2018

1. Sample S/01 has undergone following test(s):
All conducted tests indicated in appendix A, B & C.


Sample S/02 is composed of the following elements:

Control N°	Description	Model	Serial N°	Date of reception
2323/02	Telit Cradle with power supply	CS1742E	CS1742E-A-18000518	10/10/2018
2323/08	Telit Module	WE866C3-P	1868A- A38927180012	10/10/2018
2323/09	Antenna Dual Band	T-AT9552	--	10/10/2018

1. Sample S/02 has undergone following test(s):
All radiated tests indicated in appendix A, B & C.

Test sample description

Ports..... :	Port name and description	Cable				
		Specified length [m]	Attached during test	Shielded		
	<i>WI-FI/BT RF Port</i>	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>			
Supplementary information to the ports..... :	<i>Not provided data</i>					
Rated power supply	Voltage and Frequency	Reference poles				
		L1	L2	L3	N	PE
	<input type="checkbox"/> AC:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> AC:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> DC					
<input checked="" type="checkbox"/>	DC: 3.8V (Internal DCDC converter supplying the WE866C3-P module with regulated voltage = 3.3 V)					
Rated Power	<i>18 dBm max</i>					
Clock frequencies	<i>48 MHz</i>					
Other parameters..... :	<i>Not provided data</i>					
Software version	<i>LE910_25.20.000-B010_CUST_012-c4_perf_TF</i>					
Hardware version..... :	<i>CS1929a-A</i>					
Dimensions in cm (L x W x D)	<i>15x13mm</i>					
Mounting position..... :	<input type="checkbox"/>	Table top equipment				
	<input checked="" type="checkbox"/>	Wall/Ceiling mounted equipment				
	<input type="checkbox"/>	Floor standing equipment				
	<input type="checkbox"/>	Hand-held equipment				
	<input type="checkbox"/>	Other:				
Modules/parts	Module/parts of test item	Type	Manufacturer			
Accessories (not part of the test item)	Description	Type	Manufacturer			
	<i>Not provided data</i>					

Documents as provided by the applicant.....:	Description	File name	Issue date
	Declaration Equipment Data	FDT30_14 Declaration Equipment Data	2018/9/24
Copy of marking plate:			
			

Identification of the client

TELIT COMMUNICATION S.P.A
VIALE STAZIONE DI PROSECCO 5/B, TRIESTE, ITALY, 34010

Testing period and place

Test Location	DEKRA Certification Inc.
Date (start)	10-16-2018
Date (finish)	01-15-2019

Document history

Report number	Date	Description
2323ERM.006	04-16-2019	First release
2323ERM.006A1	05-17-2019	Second Release

Modifications to the reference test report

It was introduced the following modifications in respect to the test report number 2323ERM.006 related with the same samples, in the next clauses and sub-clauses:

Clauses/ Sub-Clauses	Modification	Justification
Page 4/ Usage of samples for radiated testing	Modified the model number of an antenna	Documentation error

This modification test report cancels and replaces the test report 2323ERM.006

Environmental conditions

In the control chamber, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

In the semi-anechoic chamber, the following limits were not exceeded during the test.

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 75 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

In the chamber for conducted measurements, the following limits were not exceeded during the test:

Temperature	Min. = 15 °C Max. = 35 °C
Relative humidity	Min. = 30 % Max. = 60 %
Air pressure	Min. = 860 mbar Max. = 1060 mbar

Remarks and comments

The tests have been performed by the technical personnel: Divya Adusumilli, Koji Nishimoto and Poojita Bhattu.

Testing verdicts

Not applicable :	N/A
Pass :	P
Fail :	F
Not measured :	N/M

Summary

FCC PART 15 PARAGRAPH / RSS-247 (WIFI 5GHz) 5.15 GHz -5.25 GHz Band					
Report Section	15.407 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
B.1	§ 15.403 (i) KDB 789033 D02	RSS 247 6.2.1	26dB Emission Bandwidth & Occupied Bandwidth	P	N/A
B.2	§ 15.407 (a) (1) (4)	RSS 247 6.2.1.1	Power Limits. Maximum Output Power	P	N/A
B.3	§ 15.407 (a) (1) (5)	RSS-247 6.2.1.1	Maximum Power Spectral Density	P	N/A
B.4	§ 15.407 (b) (1)	RSS-247 6.2.1.2	Band-edge conducted emissions compliance (Transmitter)	P	N/A
B.5	§ 15.407 (b)(6) § 15.207	RSS-Gen 8.8	Emission limitations Conducted (Transmitter)	P	N/A
B.6	§ 15.407 (b)(1)(6)(7) § 15.209 § 15.205	RSS-247 6.2.1.2 RSS-Gen 8.9 & 8.10	Undesirable radiated emissions (Transmitter)	P	N/A
--	§ 15.407 (g)	RSS-Gen 6.11 & 8.11	Frequency Stability	N/M	Refer 1

Supplementary information and remarks:

The test set-up was made in accordance to the general provisions of ANSI C63.10: 2013 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 dated 12/14/2017

- 1) The compliance is checked through a description of how this requirement is met that is provided by the applicant.

FCC PART 15 PARAGRAPH / RSS-247 (WIFI 5GHz) 5.25 GHz -5.35 GHz Band					
Report Section	15.407 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
C.1	§ 15.403 (i) KDB 789033 D02	RSS 247 6.2.1	26dB Emission Bandwidth & Occupied Bandwidth	P	N/A
C.2	§ 15.407 (a) (1) (4)	RSS 247 6.2.1.1	Power Limits. Maximum Output Power	P	N/A
C.3	§ 15.407 (a) (1) (5)	RSS-247 6.2.1.1	Maximum Power Spectral Density	P	N/A
C.4	§ 15.407 (b) (1)	RSS-247 6.2.1.2	Band-edge conducted emissions compliance (Transmitter)	P	N/A
C.5	§ 15.407 (b)(6) § 15.207	RSS-Gen 8.8	Emission limitations Conducted (Transmitter)	P	N/A
C.6	§ 15.407 (b)(1)(6)(7) § 15.209 § 15.205	RSS-247 6.2.1.2 RSS-Gen 8.9 & 8.10	Undesirable radiated emissions (Transmitter)	P	N/A
--	§ 15.407 (g)	RSS-Gen 6.11 & 8.11	Frequency Stability	N/M	Refer 1

Supplementary information and remarks:

The test set-up was made in accordance to the general provisions of ANSI C63.10: 2013 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 dated 12/14/2017

- 1) The compliance is checked through a description of how this requirement is met that is provided by the applicant.

FCC PART 15 PARAGRAPH / RSS-247 (WIFI 5GHz) 5.47 GHz -5.725 GHz Band					
Report Section	15.247 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
D.1	§ 15.403 (i) KDB 789033 D02	RSS 247 6.2.4	26dB Emission Bandwidth & Occupied Bandwidth	P	N/A
D.2	§ 15.407 (e)	RSS 247 6.2.4.1	6dB Bandwidth	P	N/A
D.3	§ 15.407 (a)(3)(4)	RSS 247 6.2.4.1	Power Limits. Maximum Output Power	P	N/A
D.4	§ 15.407 (a)(3)(5)	RSS-247 6.2.4.1	Maximum Power Spectral Density	P	N/A
D.5	§ 15.407 (b)(4)	RSS-247 6.2.4.2	Band-edge conducted emissions compliance (Transmitter)	P	N/A
D.6	§ 15.407 (b)(6) § 15.207	RSS-Gen 8.8	Emission limitations Conducted (Transmitter)	P	N/A
D.7	§ 15.407 (b)(4)(6)(7) § 15.209 § 15.205	RSS-247 6.2.4.2 RSS-Gen 8.9 & 8.10	Undesirable radiated emissions (Transmitter)	P	N/A
--	§ 15.407 (g)	RSS-Gen 6.11 & 8.11	Frequency Stability	N/M	Refer 1

Supplementary information and remarks:

The test set-up was made in accordance to the general provisions of ANSI C63.10: 2013 and FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 dated 12/14/2017

1) The compliance is checked through a description of how this requirement is met that is provided by the applicant.

FCC PART 15 PARAGRAPH / RSS-247 (WIFI 5GHz) Common Requirements for all bands					
Report Section	15.247 Spec Clause	RSS Spec Clause	Test Description	Verdict	Remark
--	§ 15.407 (c)	--	Transmission in case of absence of information to transmit, or operational failure.	N/M	Refer 1

Supplementary information and remarks:

1) The compliance is checked through a description of how this requirement is met that is provided by the applicant.

List of equipment used during the test

Conducted Measurements

Test system Rohde & Schwarz TS 8997:

CONTROL NUMBER	DESCRIPTION	MANUFACTURER	MODEL	LAST CALIBRATION	NEXT CALIBRATION
1039	Signal Analyzer	ROHDE & SCHWARZ	FSV40	2017/03	2019/03
1040	EMI Test Receiver	ROHDE & SCHWARZ	OSP120 / OSPB157	2017/03	2019/03
1041	RF generator	ROHDE & SCHWARZ	SMB100A	2017/04	2019/04
1042	RF generator	ROHDE & SCHWARZ	SMBV100A	2018/01	2019/01
0101	Climatic Chamber	ESPEC NA	ESL-2CA	2019/01	2020/01

Radiated Measurements

CONTROL NUMBER	DESCRIPTION	MANUFACTURER	MODEL	LAST CALIBRATION	NEXT CALIBRATION
1014	Signal Analyzer	ROHDE & SCHWARZ	FSV40	2017/03	2019/03
1012	EMI Test Receiver	ROHDE & SCHWARZ	ESR26	2018/09	2020/09
1058	Double Ridged Waveguide Horn Antenna	ETS LINDGREN	3115	2017/03	2020/03
1055	Double Ridged Waveguide Horn Antenna	ETS LINDGREN	3116C	2016/12	2019/12
1065	Biconilog Antenna	ETS LINDGREN	3142E	2017/03	2020/03
0981	Preamplifier	BONN ELEKTRONIK	BLMA 0118-2A	2017/05	2019/05
0980	Preamplifier	BONN ELEKTRONIK	BLNA 0360-01N	2017/05	2019/05
0982	Preamplifier	BONN ELEKTRONIK	BLMA1840-1M	2017/05	2019/05
1017	EMC measurement software	ROHDE & SCHWARZ	EMC32 V9.01	---	---

Appendix A: DUT Description

DUT Description

The following information is provided by the client

Information	Description
Equipment type	WIFI 5GHz/2.4 GHz + BT BR/EDR/LE
DFS Operating Mode	Slave without Radar Detection
TPC Function	Not Supported ¹
Antenna Specification	Equipment with only one antenna
Operating Frequency Range	5150 - 5250 MHz / 5250 - 5350 MHz / 5470 -5725 MHz
Nominal Channel Bandwidth	20/ 40/ 80 MHz
Antenna type	Dedicated antenna (single)
Antenna gain	+4.5 dBi
Supply Voltage	3.8 Vdc
Modulation:	OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)
Communication Mode:	IP Based (Load Based)
Transmit Data Rate:	IEEE 802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE 802.11n HT20: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2 Mbps IEEE 802.11n HT40: 15, 30, 45, 60, 90, 120, 135, 150 Mbps IEEE 802.11ac VHT20: 86.7 Mbps IEEE 802.11ac VHT40: 180, 200 Mbps IEEE 802.11ac VHT80: 390, 433.3 Mbps
Geo-location capability	No

1. TPC not required if Max EIRP < 500mW (27 dBm)

Appendix B: Test results 5.15 GHz – 5.25 GHz Band

Appendix B Content

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DESCRIPTION OF TEST CONDITIONS

TEST CONDITIONS ⁽¹⁾	DESCRIPTION
TC#01 (a mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 3.8 \text{ Vdc}$ <u>Test Frequencies for Conducted/Radiated tests: (20 MHz)</u> Lowest range: 5180 MHz Middle channel: 5200 MHz Highest range: 5240 MHz
TC#02 (n mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 3.8 \text{ Vdc}$ <u>Test Frequencies for Conducted/Radiated tests: (20 MHz)</u> Lowest channel: 5180 MHz Middle channel: 5200 MHz Highest channel: 5240 MHz <u>Test Frequencies for Conducted/Radiated tests: (40 MHz)</u> Lowest channel: 5190 MHz Highest channel: 5230 MHz
TC#03 (ac mode)	<u>Power supply (V):</u> $V_{\text{nominal}} = 3.8 \text{ Vdc}$ <u>Test Frequencies for Conducted/Radiated tests: (20 MHz)</u> Lowest channel: 5180 MHz Middle channel: 5200 MHz Highest channel: 5240 MHz <u>Test Frequencies for Conducted/Radiated tests: (40 MHz)</u> Lowest channel: 5190 MHz Highest channel: 5230 MHz <u>Test Frequencies for Conducted/Radiated tests: (80 MHz)</u> Middle channel: 5180 MHz

Note (1): For spurious emissions for OFDM modes 802.11a, 802.11n20/40 and 802.11ac20/40/80 a preliminary scan was performed to determine the worst case.

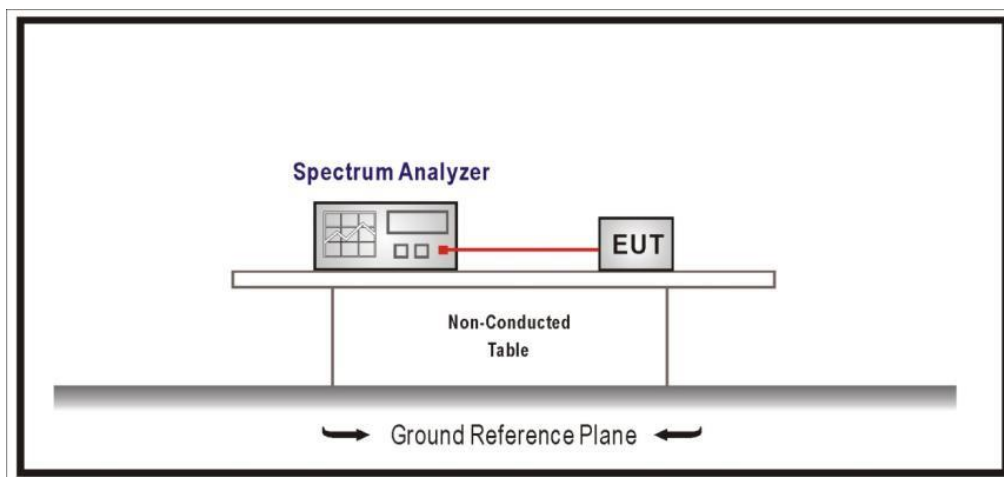
The data rates of 6Mb/s for 802.11a, HT0 (SISO) for 802.11n20/ac20 and n40/ac40, and VHT0 (SISO) for 802.11 ac80 were selected based on preliminary testing that identified those rates corresponding to the worst cases.

TEST B.1: 26DB EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH

LIMITS:	Product standard:	Part 15 Subpart C §15.403 and RSS-247
	Test standard:	Part 15 Subpart C §15.403 and RSS-247 6.2.1

No requirements requested

TEST SETUP:



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

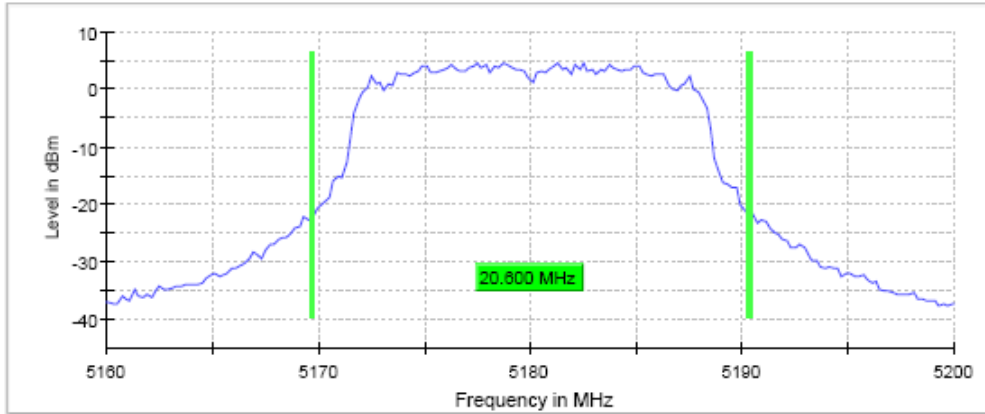
Bandwidth: 20 MHz

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
26dB Bandwidth (MHz)	20.6	20.8	21.2
Occupied bandwidth (MHz)	16.4	16.4	16.4
Measurement uncertainty (kHz)	<± 8.33		

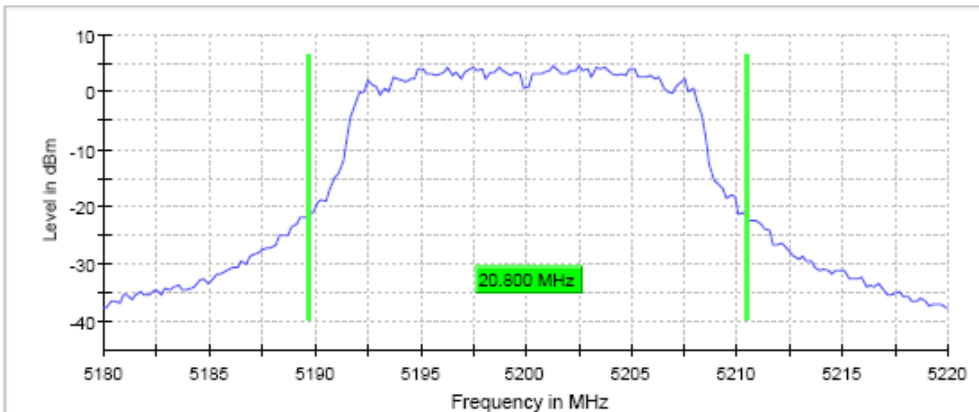
TEST RESULTS (Cont.):

26 dB BANDWIDTH

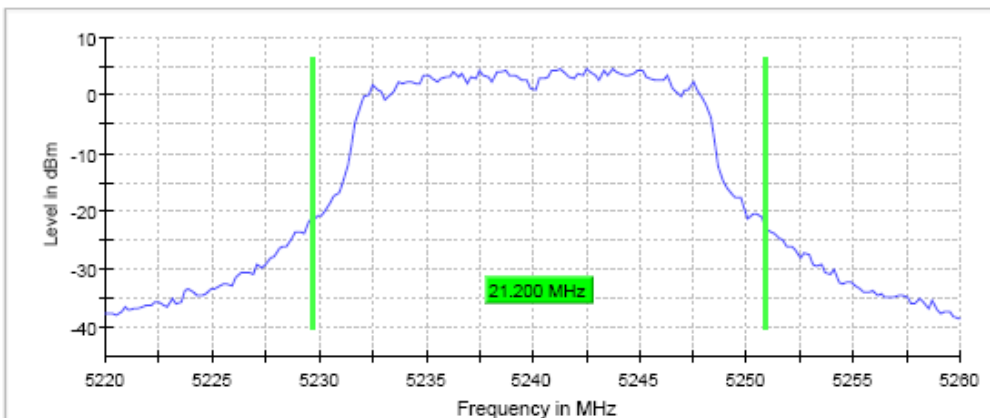
Lowest Channel

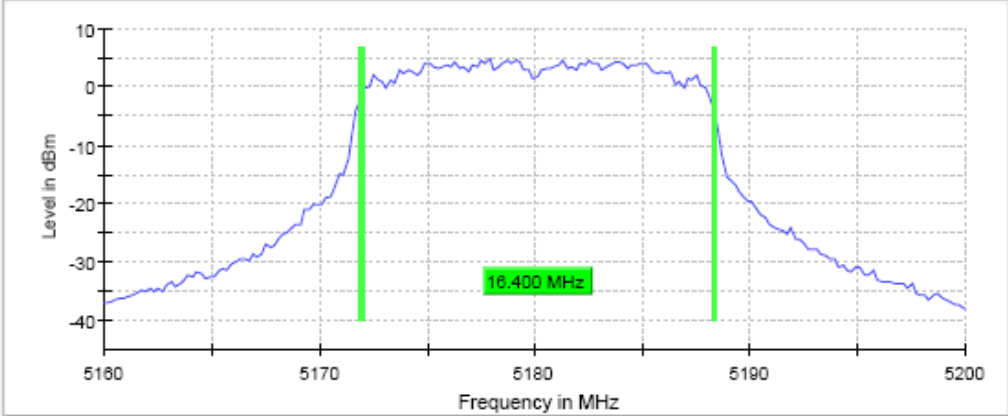
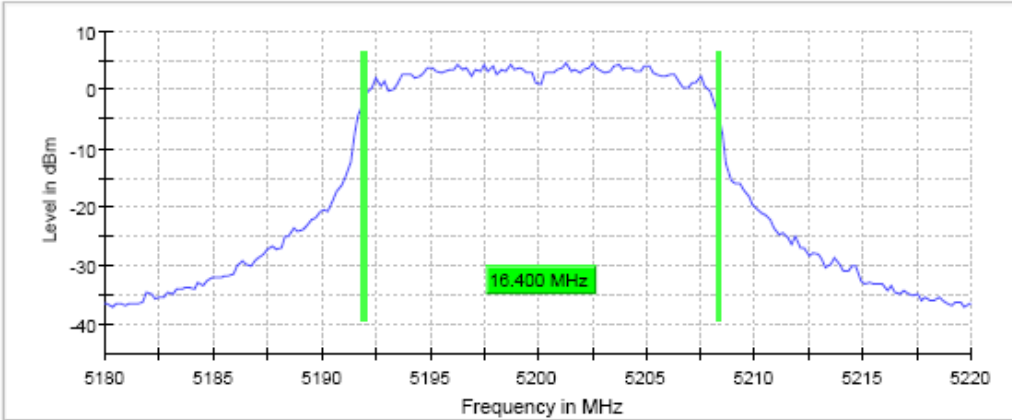
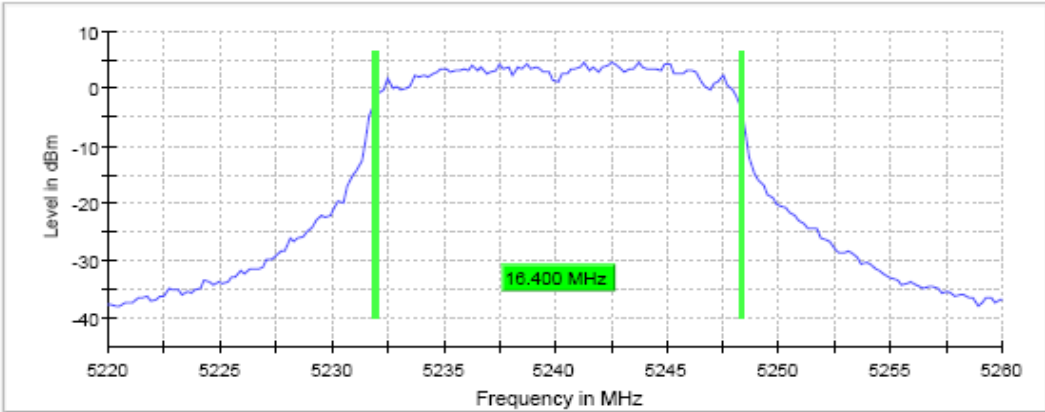


Middle Channel



Highest Channel



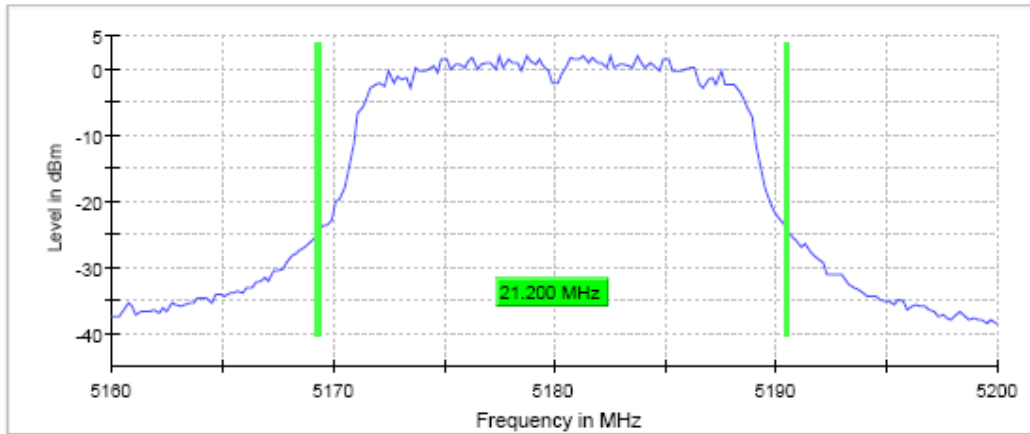
TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH
<p>Lowest Channel</p> 	
<p>Middle Channel</p> 	
<p>Highest Channel</p> 	

TEST RESULTS (Cont.)				
Measurement				
	Setting	Instrument Value	Instrument Value	Instrument Value
	Start Frequency	5.16000 GHz	5.18000 GHz	5.22000 GHz
	Stop Frequency	5.20000 GHz	5.22000 GHz	5.26000 GHz
	Span	40.000 MHz	40.000 MHz	40.000 MHz
	RBW	200.000 kHz	200.000 kHz	200.000 kHz
	VBW	1.000 MHz	1.000 MHz	1.000 MHz
	SweepPoints	200	200	200
	Sweeptime	28.443 μ s	28.443 μ s	28.443 μ s
	Reference Level	20.000 dBm	20.000 dBm	20.000 dBm
	Attenuation	40.000 dB	40.000 dB	40.000 dB
	Detector	MaxPeak	MaxPeak	MaxPeak
	SweepCount	200	200	200
	Filter	3 dB	3 dB	3 dB
	Trace Mode	Max Hold	Max Hold	Max Hold
	Sweeptype	FFT	FFT	FFT
	Preamp	off	off	off
	Stablemode	Trace	Trace	Trace
	Stablevalue	0.30 dB	0.30 dB	0.30 dB
	Run	45 / max. 150	43 / max. 150	41 / max. 150
	Stable	5 / 5	5 / 5	5 / 5
	Max Stable Difference	0.18 dB	0.22 dB	0.20 dB
TESTED SAMPLES:		S/01		
TESTED CONDITIONS MODES:		TC#02 (n Mode)		
TEST RESULTS:		PASS		
Bandwidth: 20 MHz				
		Lowest frequency	Middle frequency	Highest frequency
		5180 MHz	5220 MHz	5240 MHz
	26dB bandwidth (MHz)	21.2	20.6	21
	Occupied bandwidth (MHz)	17.4	17.4	17.4
	Measurement uncertainty (kHz)	$<\pm 8.33$		

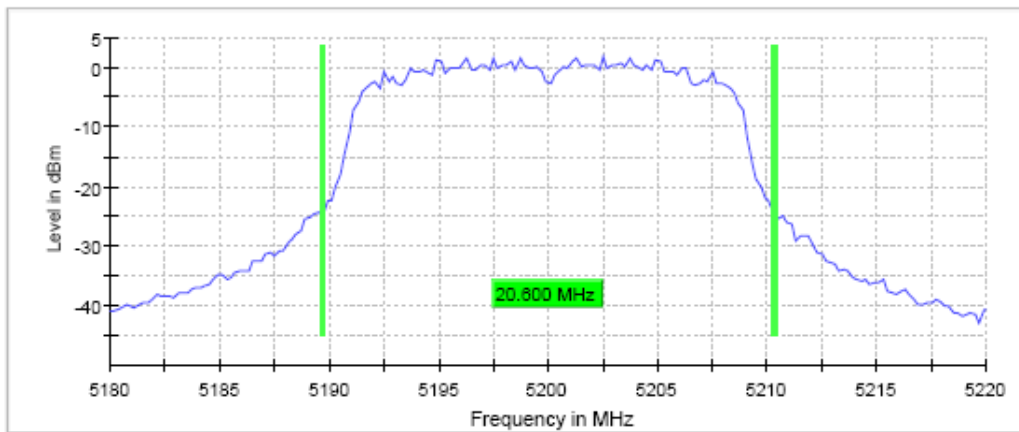
TEST RESULTS (Cont.):

26 dB BANDWIDTH

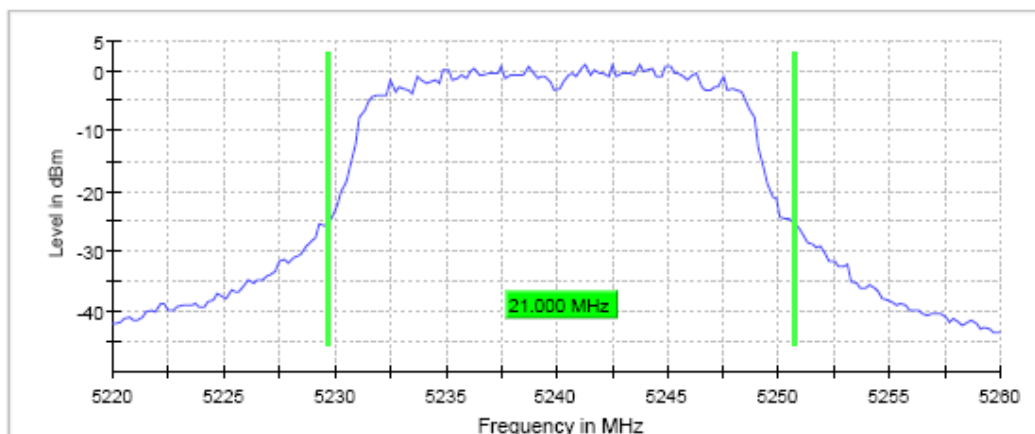
Lowest Channel



Middle Channel



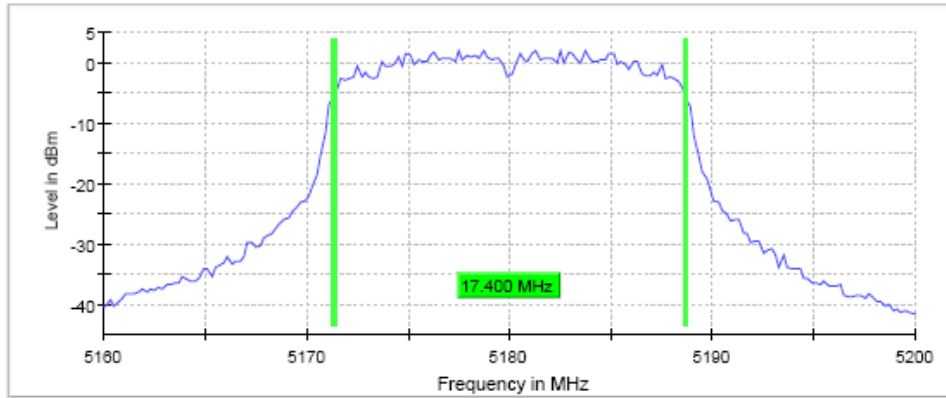
Highest Channel



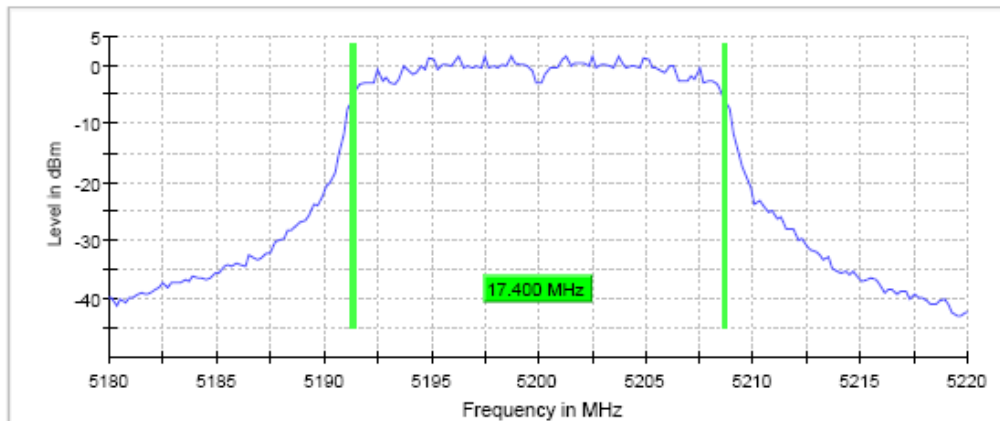
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

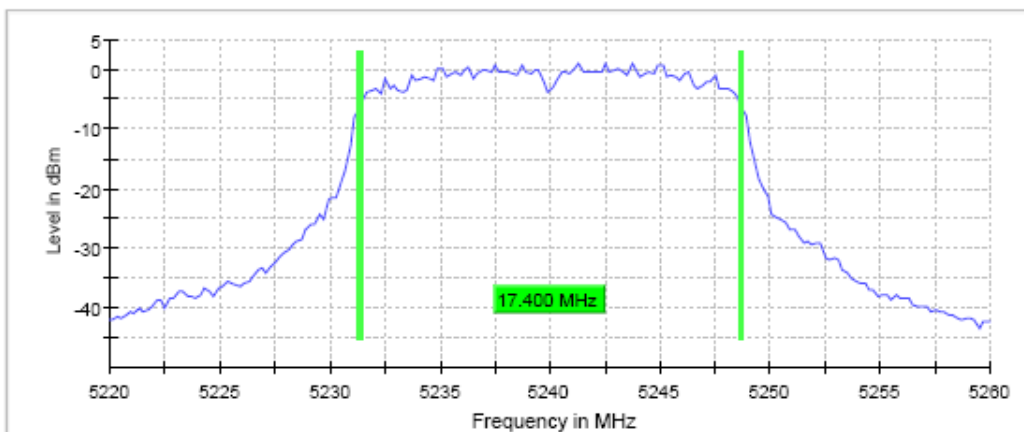
Lowest Channel



Middle Channel



Highest Channel

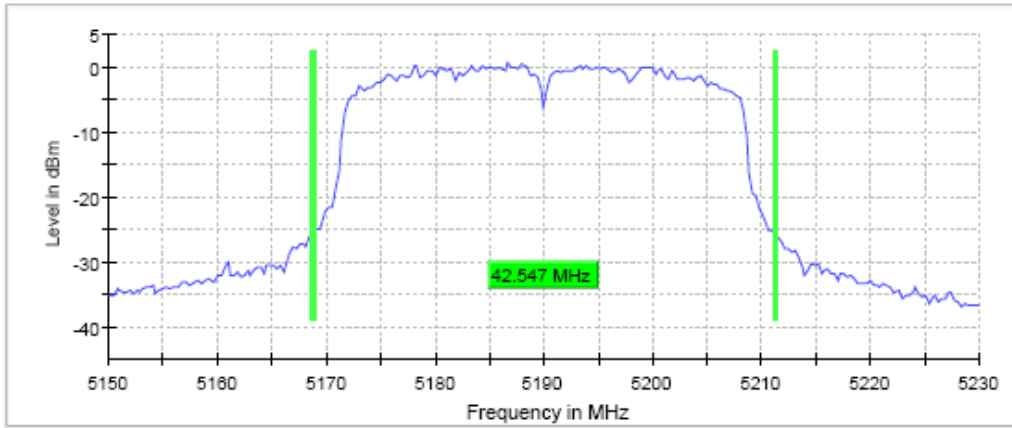


TEST RESULTS (Cont.)				
Measurement				
	Setting	Instrument Value	Instrument Value	Instrument Value
	Start Frequency	5.16000 GHz	5.18000 GHz	5.22000 GHz
	Stop Frequency	5.20000 GHz	5.22000 GHz	5.26000 GHz
	Span	40.000 MHz	40.000 MHz	40.000 MHz
	RBW	200.000 kHz	200.000 KHz	200.000 kHz
	VBW	1.000 MHz	1.000 MHz	1.000 MHz
	SweepPoints	200	200	200
	Sweeptime	28.443 μ s	28.443 μ s	28.443 μ s
	Reference Level	20.000 dBm	10.000 dBm	10.000 dBm
	Attenuation	40.000 dB	30.000 dB	30.000 dB
	Detector	MaxPeak	MaxPeak	MaxPeak
	SweepCount	200	200	200
	Filter	3 dB	3 dB	3 dB
	Trace Mode	Max Hold	Max Hold	Max Hold
	SweepType	FFT	FFT	FFT
	Preamplifier	off	off	off
	Stablemode	Trace	Trace	Trace
	Stablevalue	0.30 dB	0.30 dB	0.30 dB
	Run	48 / max. 150	30 / max. 150	33 / max. 150
	Stable	5 / 5	5 / 5	5 / 5
	Max Stable Difference	0.1 dB	0.00 dB	0.02 dB
TEST RESULTS (Cont.)	n Mode			
Bandwidth: 40 MHz				
		Lowest frequency	Highest frequency	
		5190 MHz	5230 MHz	
	26dB bandwidth (MHz)	42.547	41.948	
	Occupied bandwidth (MHz)	36.5	36.5	
	Measurement uncertainty (kHz)	$\leq \pm 8.33$		

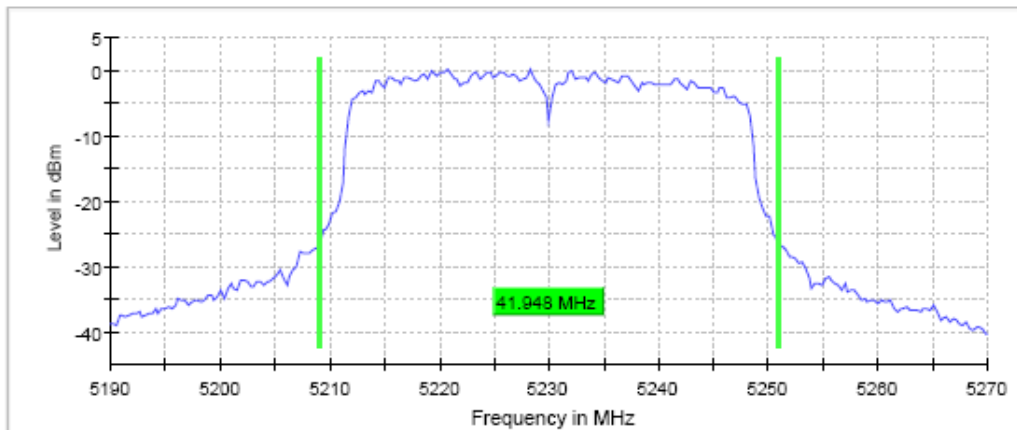
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



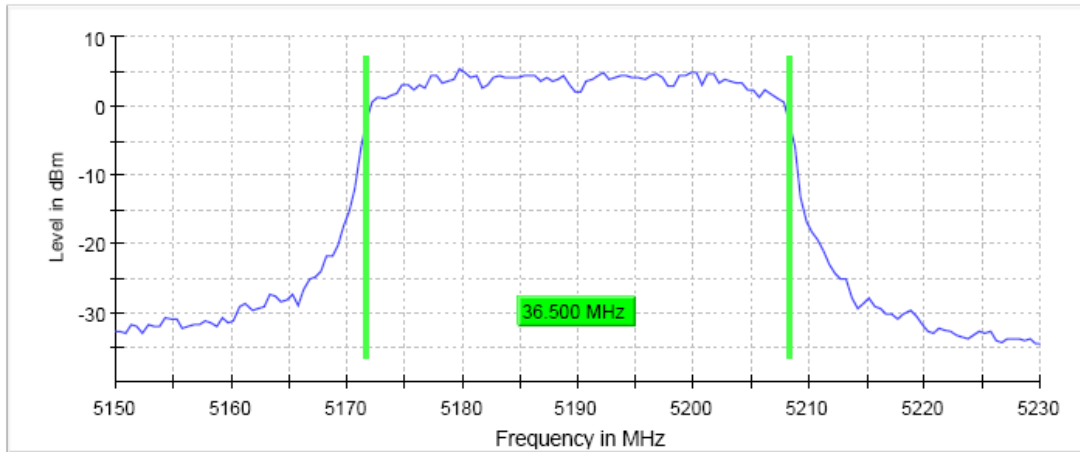
Highest Channel



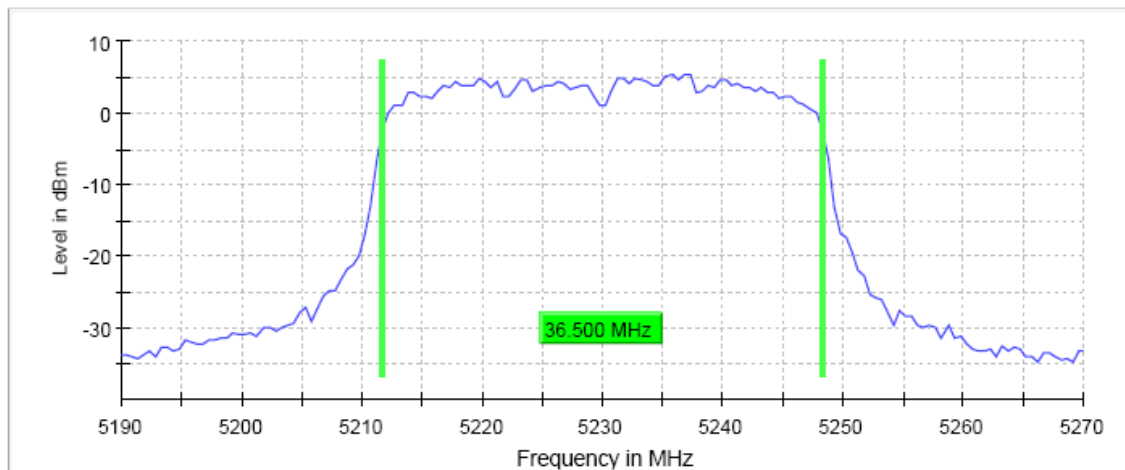
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel

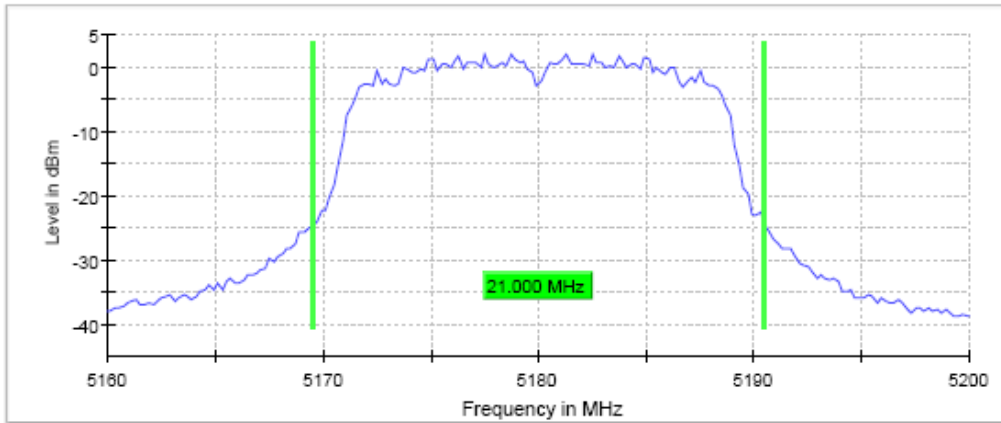


TEST RESULTS (Cont.)																																																																
Measurement																																																																
	<table border="1"> <thead> <tr> <th>Setting</th> <th>Instrument Value</th> <th>Instrument Value</th> </tr> </thead> <tbody> <tr><td>Start Frequency</td><td>5.15000 GHz</td><td>5.19000 GHz</td></tr> <tr><td>Stop Frequency</td><td>5.23000 GHz</td><td>5.27000 GHz</td></tr> <tr><td>Span</td><td>80.000 MHz</td><td>80.000 MHz</td></tr> <tr><td>RBW</td><td>500.000 kHz</td><td>500.000 KHz</td></tr> <tr><td>VBW</td><td>2.000 MHz</td><td>2.000 MHz</td></tr> <tr><td>SweepPoints</td><td>160</td><td>160</td></tr> <tr><td>Sweeptime</td><td>18.962 us</td><td>18.962 us</td></tr> <tr><td>Reference Level</td><td>20.000 dBm</td><td>20.000 dBm</td></tr> <tr><td>Attenuation</td><td>40.000 dB</td><td>40.000 dB</td></tr> <tr><td>Detector</td><td>MaxPeak</td><td>MaxPeak</td></tr> <tr><td>SweepCount</td><td>200</td><td>200</td></tr> <tr><td>Filter</td><td>3 dB</td><td>3 dB</td></tr> <tr><td>Trace Mode</td><td>Max Hold</td><td>Max Hold</td></tr> <tr><td>SweepType</td><td>FFT</td><td>FFT</td></tr> <tr><td>Preamp</td><td>off</td><td>off</td></tr> <tr><td>Stablemode</td><td>Trace</td><td>Trace</td></tr> <tr><td>Stablevalue</td><td>0.30 dB</td><td>0.30 dB</td></tr> <tr><td>Run</td><td>33 / max. 150</td><td>39 / max. 150</td></tr> <tr><td>Stable</td><td>5 / 5</td><td>5 / 5</td></tr> <tr><td>Max Stable</td><td>0.18 dB</td><td>0.00 dB</td></tr> </tbody> </table>	Setting	Instrument Value	Instrument Value	Start Frequency	5.15000 GHz	5.19000 GHz	Stop Frequency	5.23000 GHz	5.27000 GHz	Span	80.000 MHz	80.000 MHz	RBW	500.000 kHz	500.000 KHz	VBW	2.000 MHz	2.000 MHz	SweepPoints	160	160	Sweeptime	18.962 us	18.962 us	Reference Level	20.000 dBm	20.000 dBm	Attenuation	40.000 dB	40.000 dB	Detector	MaxPeak	MaxPeak	SweepCount	200	200	Filter	3 dB	3 dB	Trace Mode	Max Hold	Max Hold	SweepType	FFT	FFT	Preamp	off	off	Stablemode	Trace	Trace	Stablevalue	0.30 dB	0.30 dB	Run	33 / max. 150	39 / max. 150	Stable	5 / 5	5 / 5	Max Stable	0.18 dB	0.00 dB
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TESTED SAMPLES:	S/01																																																															
TESTED CONDITIONS MODES:	TC#03 (ac mode)																																																															
TEST RESULTS:	PASS																																																															
Bandwidth: 20 MHz																																																																
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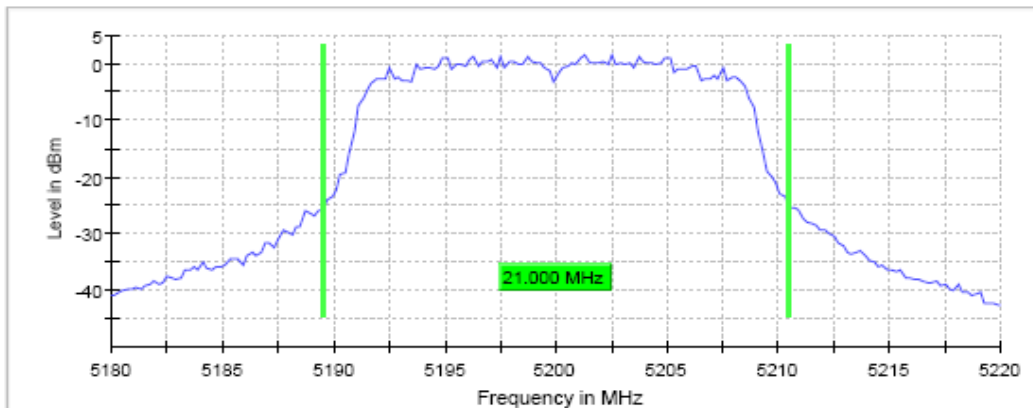
TEST RESULTS (Cont.):

26 dB BANDWIDTH

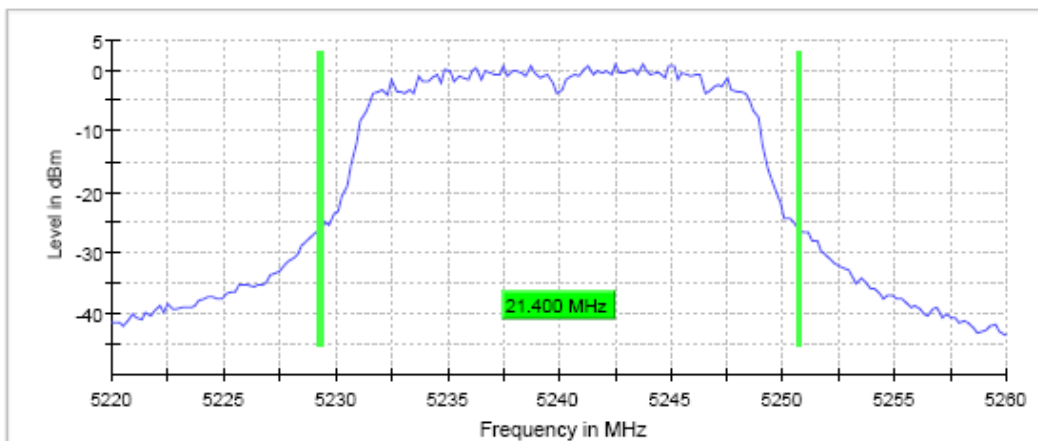
Lowest Channel

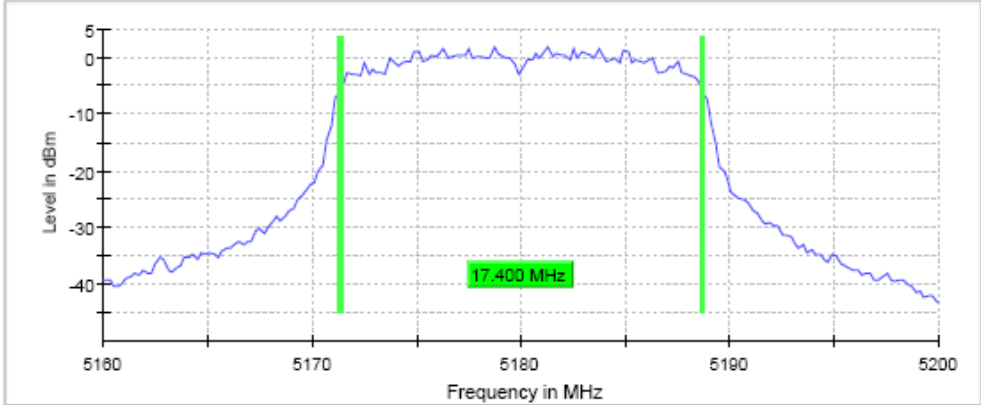
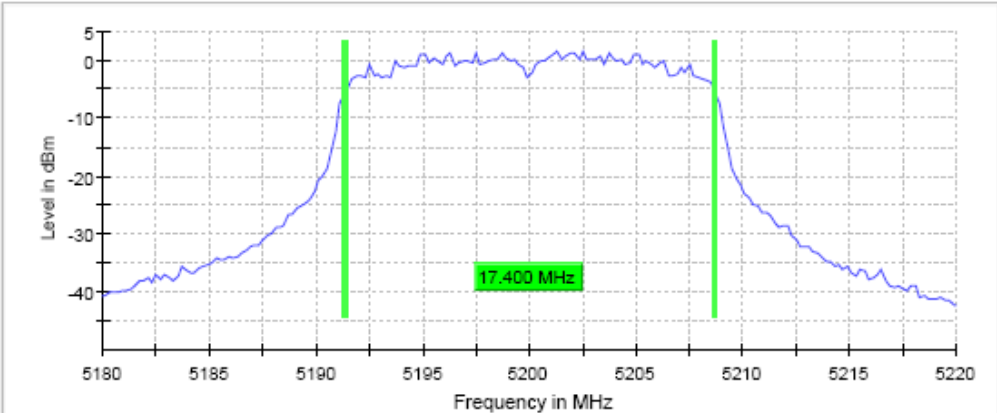
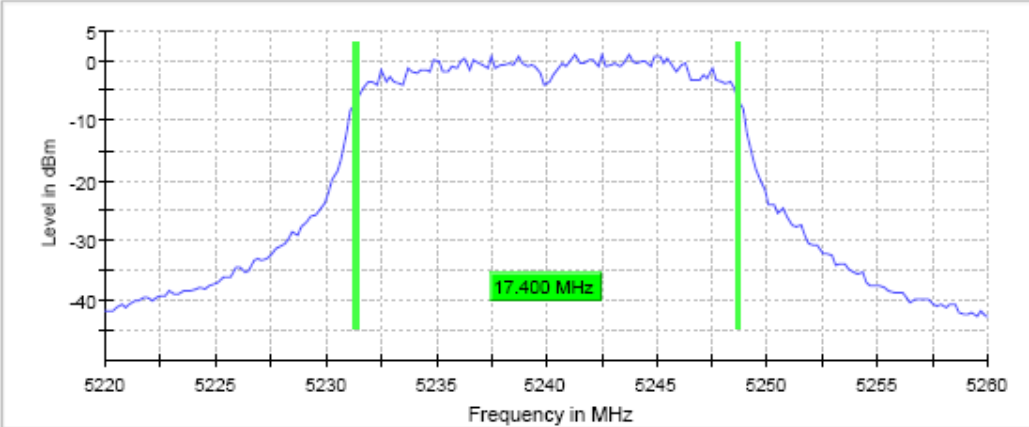


Middle Channel



Highest Channel



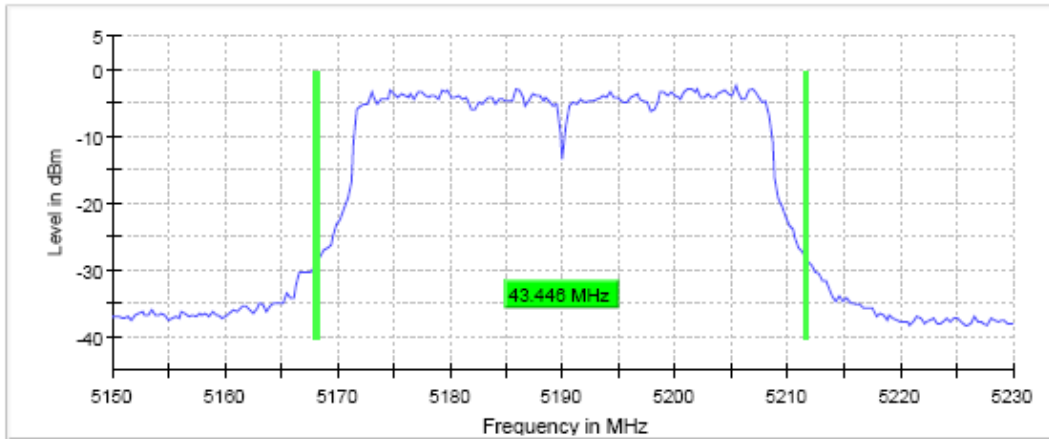
TEST RESULTS (Cont.):	OCCUPIED BANDWIDTH
<p>Lowest Channel</p> 	<p>Middle Channel</p> 
<p>Highest Channel</p> 	

TEST RESULTS (Cont.)				
Measurement				
	Setting	Instrument Value	Instrument Value	Instrument Value
	Start Frequency	5.16000 GHz	5.18000 GHz	5.22000 GHz
	Stop Frequency	5.20000 GHz	5.22000 GHz	5.26000 GHz
	Span	40.000 MHz	40.000 MHz	40.000 MHz
	RBW	200.000 kHz	200.000 KHz	200.000 kHz
	VBW	1.000 MHz	1.000 MHz	1.000 MHz
	SweepPoints	200	200	200
	Sweeptime	28.443 μ s	28.443 μ s	28.443 μ s
	Reference Level	20.000 dBm	10.000 dBm	10.000 dBm
	Attenuation	40.000 dB	30.000 dB	30.000 dB
	Detector	MaxPeak	MaxPeak	MaxPeak
	SweepCount	200	200	200
	Filter	3 dB	3 dB	3 dB
	Trace Mode	Max Hold	Max Hold	Max Hold
	Sweeptype	FFT	FFT	FFT
	Preamp	off	off	off
	Stablemode	Trace	Trace	Trace
	Stablevalue	0.30 dB	0.30 dB	0.30 dB
	Run	32 / max. 150	29 / max. 150	43 / max. 150
	Stable	5 / 5	5 / 5	5 / 5
	Max Stable Difference	0.20 dB	0.21 dB	0.00 dB
TEST RESULTS	ac mode (40 MHz)			
		Lowest frequency	Highest frequency	
		5190 MHz	5230 MHz	
	26dB bandwidth (MHz)	43.446	42.547	
	Occupied bandwidth (MHz)	36.5	36.0	
	Measurement uncertainty (kHz)	$<\pm 8.33$		

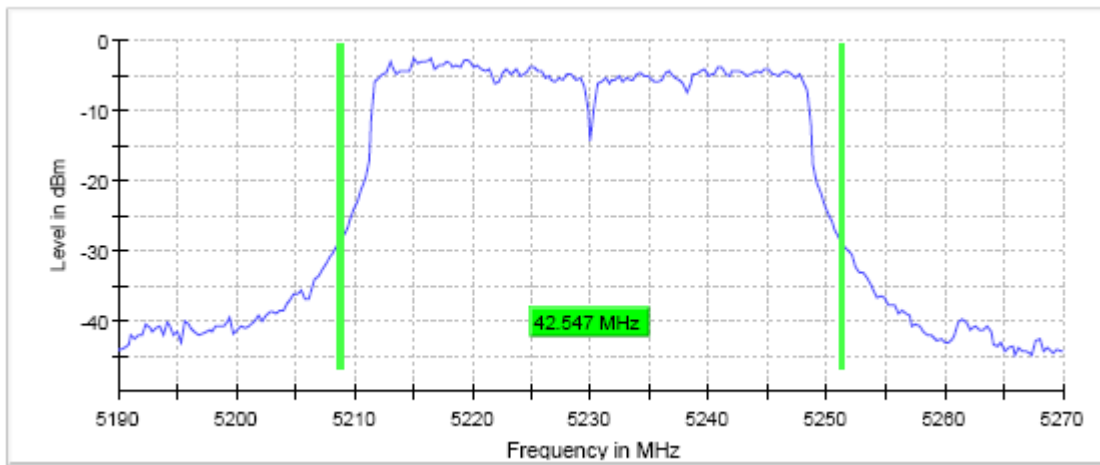
TEST RESULTS (Cont.):

26 dB BANDWIDTH

Lowest Channel



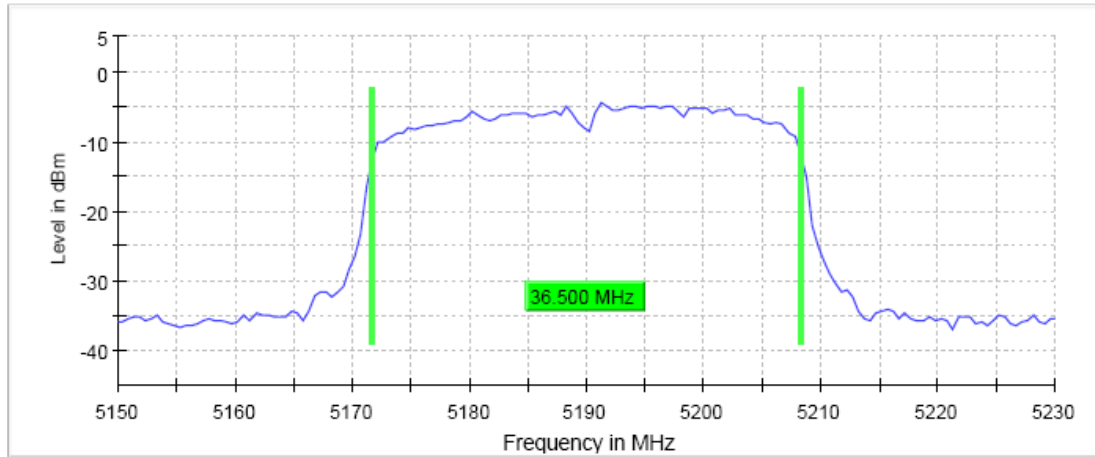
Highest Channel



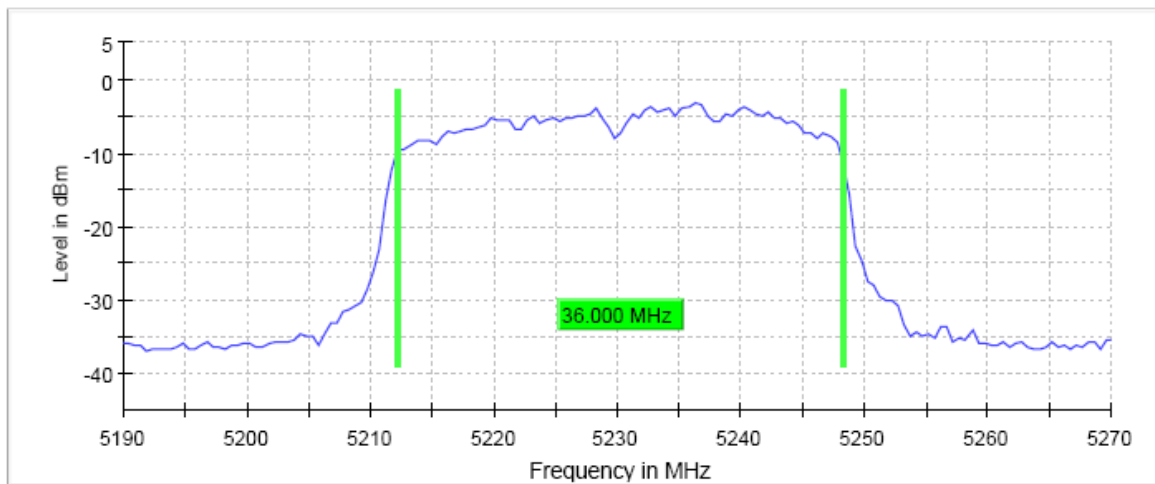
TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Highest Channel



TEST RESULTS (Cont.)

Measurement

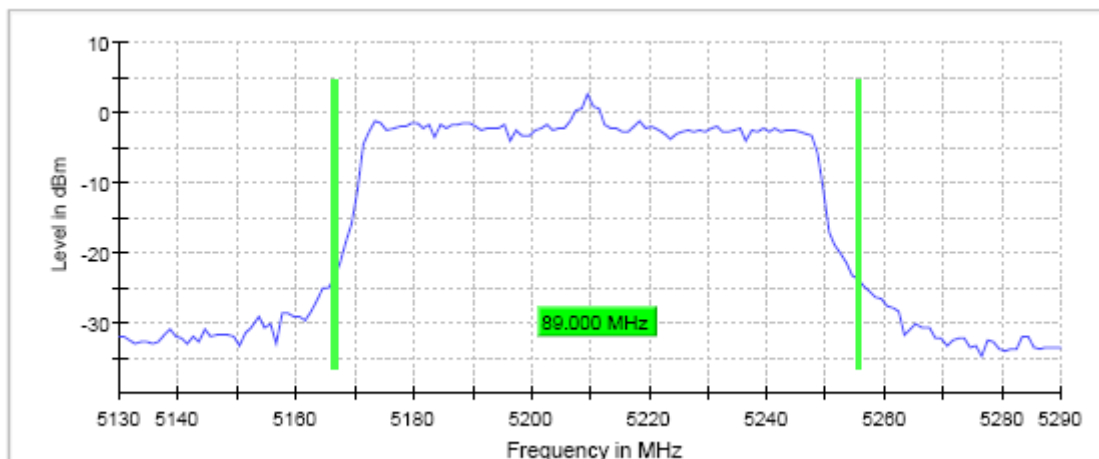
Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	5.19000 GHz
Stop Frequency	5.23000 GHz	5.27000 GHz
Span	80.000 MHz	80.000 MHz
RBW	500.000 kHz	500.000 kHz
VBW	2.000 MHz	2.000 MHz
SweepPoints	160	160
SweepTime	18.92 μ s	18.92 μ s
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	40.000 dB
Detector	MaxPeak	MaxPeak
SweepCount	200	200
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	51 / max. 150	28 / max. 150
Stable	5 / 5	5 / 5
Max Stable Difference	0.00 dB	0.18 dB

TEST RESULTS **ac mode (80 MHz)**

	Lowest frequency 5210 MHz
26dB bandwidth (MHz)	89
Occupied bandwidth (MHz)	76.5
Measurement uncertainty (kHz)	± 8.33

TEST RESULTS (Cont.): **26 dB BANDWIDTH**

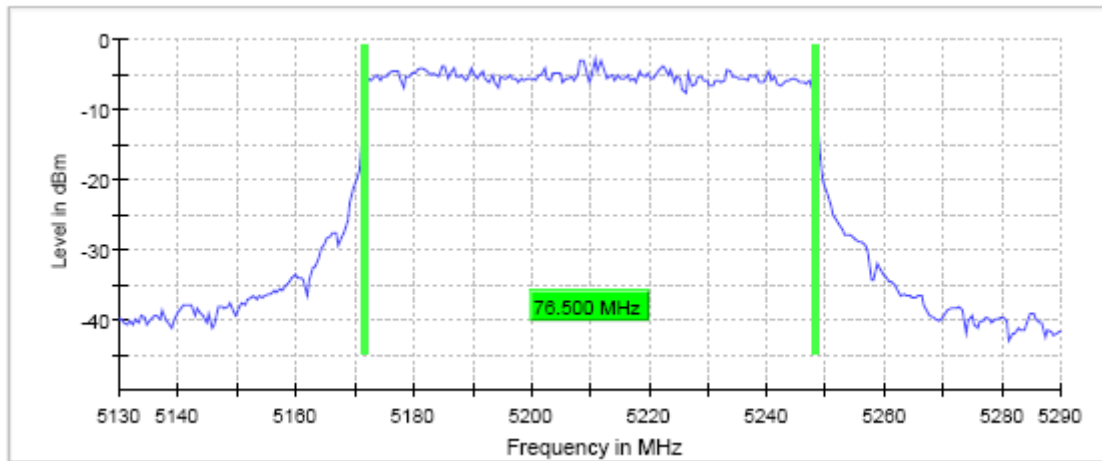
Lowest Channel



TEST RESULTS (Cont.):

OCCUPIED BANDWIDTH

Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.13000 GHz
Stop Frequency	5.29000 GHz
Span	160.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
SweepTime	22.754 μ s
Reference Level	20.000 dBm
Attenuation	40.000 dB
Detector	MaxPeak
SweepCount	200
Filter	3 dB
Trace Mode	Max Hold
Sweeptype	FFT
Preamplifier	off
Stablemode	Trace
Stablevalue	0.30 dB
Run	54 / max. 150
Stable	5 / 5
Max Stable Difference	0.00 dB

TEST B.2: POWER LIMITS. MAXIMUM OUTPUT POWER

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (4) and RSS-247 6.2.1.1

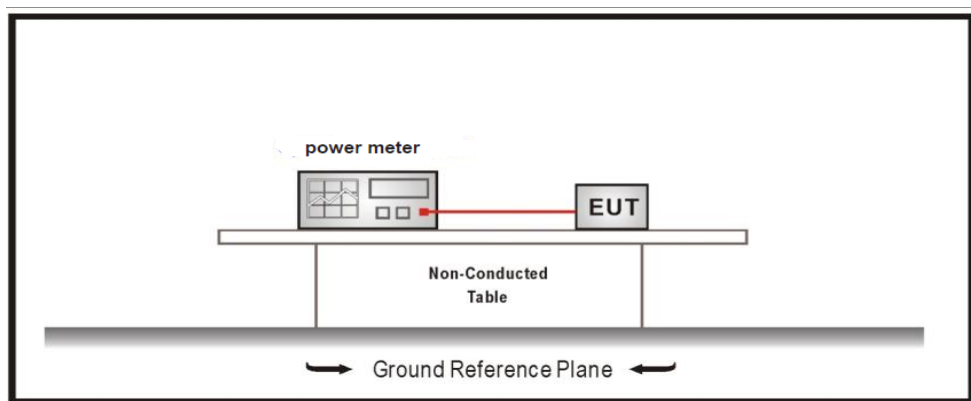
LIMITS

In band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST SETUP

Measured according to ANSI C63.10, Section 11.9.2.3.2 Method AVGPM-G

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain to the measured conducted power



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power (dBm)	14.2	14.3	14.1
Maximum EIRP power (dBm)	18.7	18.8	6
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
Lowest Channel	
<p>Level in dBm</p> <p>Time in s</p> <p>— Gated Trace — Overall — Limit</p>	
Middle Channel	
<p>Level in dBm</p> <p>Time in s</p> <p>— Gated Trace — Overall — Limit</p>	
Highest Channel	
<p>Level in dBm</p> <p>Time in s</p> <p>— Gated Trace — Overall — Limit</p>	

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

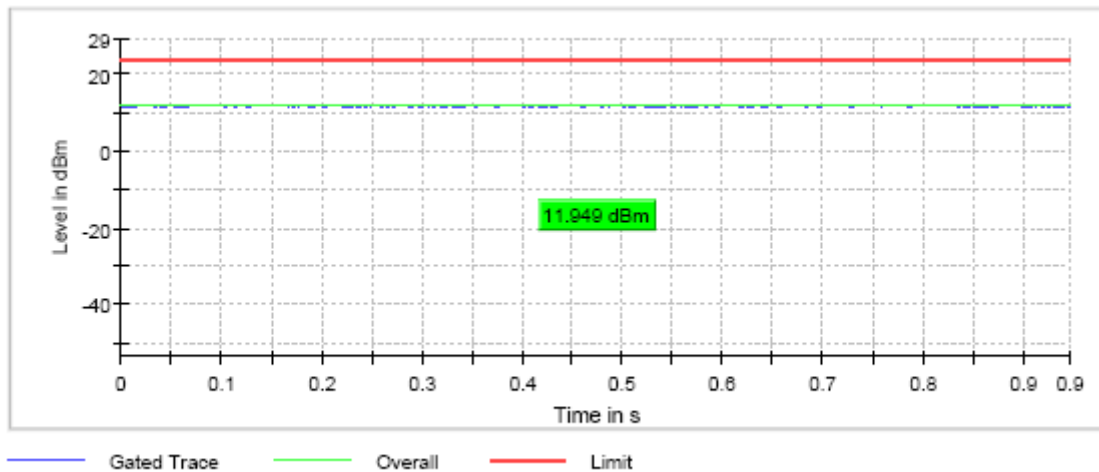
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power (dBm)	11.9	11.8	11.1
Maximum EIRP power (dBm)	16.4	16.3	15.6
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

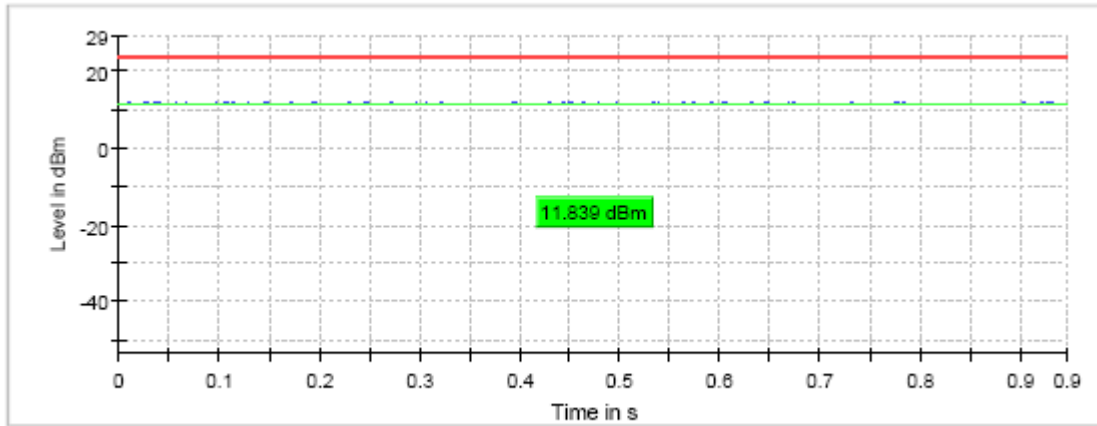
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
------------------------------	-------------------------------

Lowest Channel



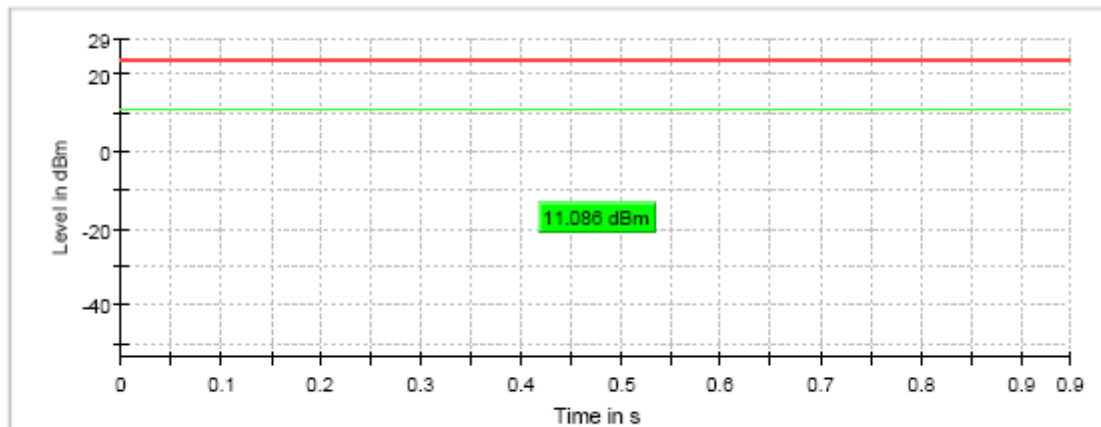
TEST RESULTS (Cont.)

Middle Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

TEST RESULTS	n Mode (40 MHz)
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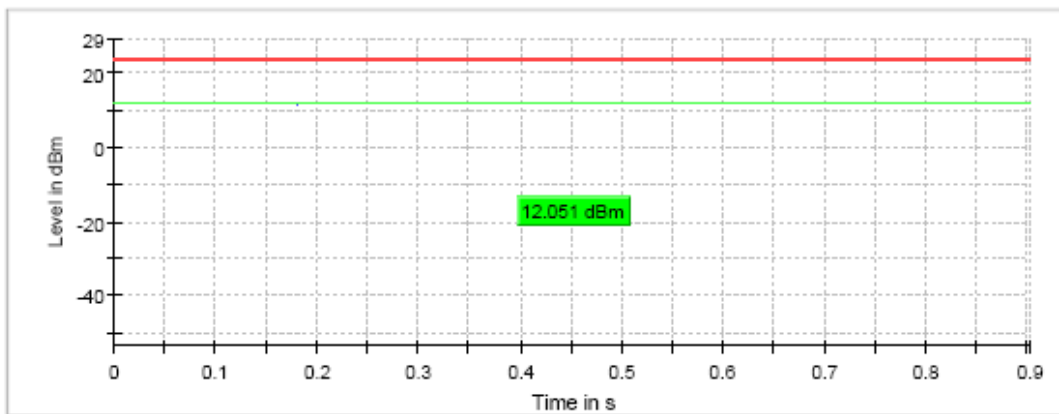
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Maximum conducted power (dBm)	12.1	11.6
Maximum EIRP power (dBm)	16.6	16.1
Measurement uncertainty (dB)	<±0.78	

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

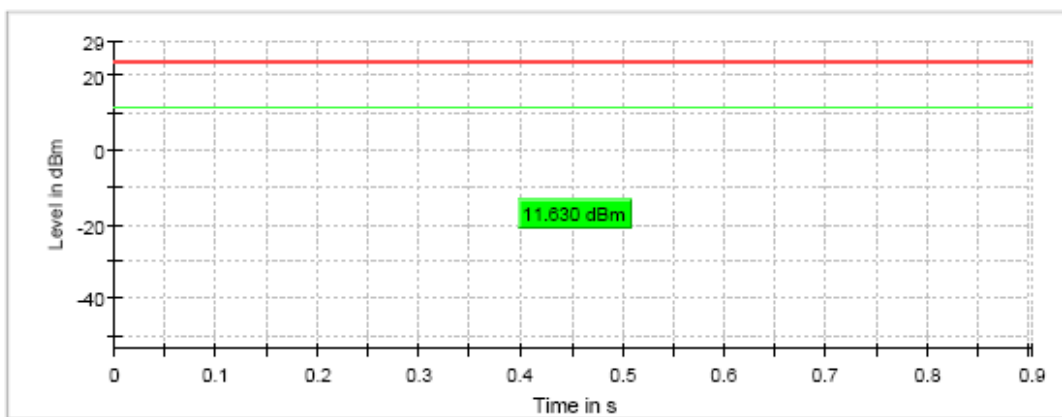
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
-----------------------	------------------------

Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

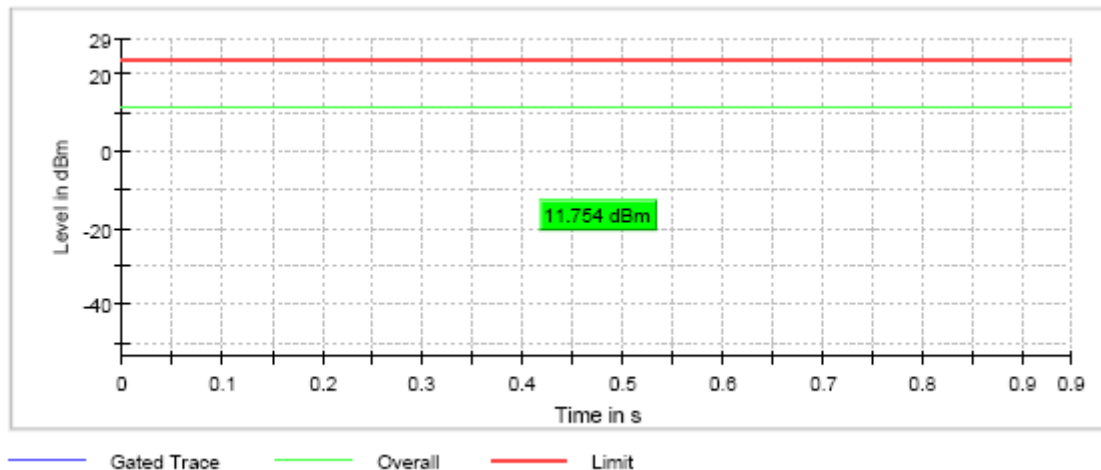
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5180 MHz	Middle frequency 5200 MHz	Highest frequency 5240 MHz
Maximum conducted power (dBm)	11.8	11.7	11
Maximum EIRP power (dBm)	16.3	16.2	15.5
Measurement uncertainty (dB)	<±0.78		

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

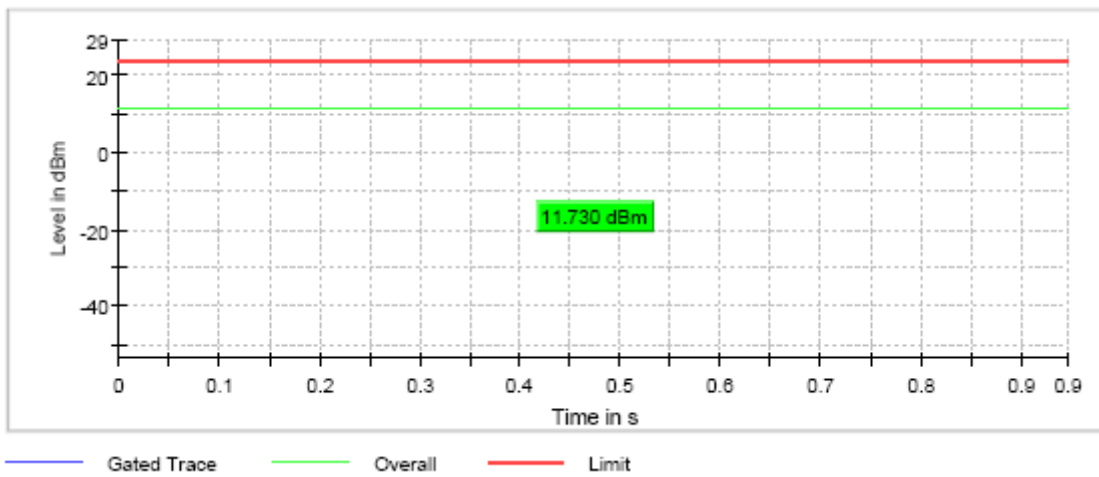
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
------------------------------	-------------------------------

Lowest Channel

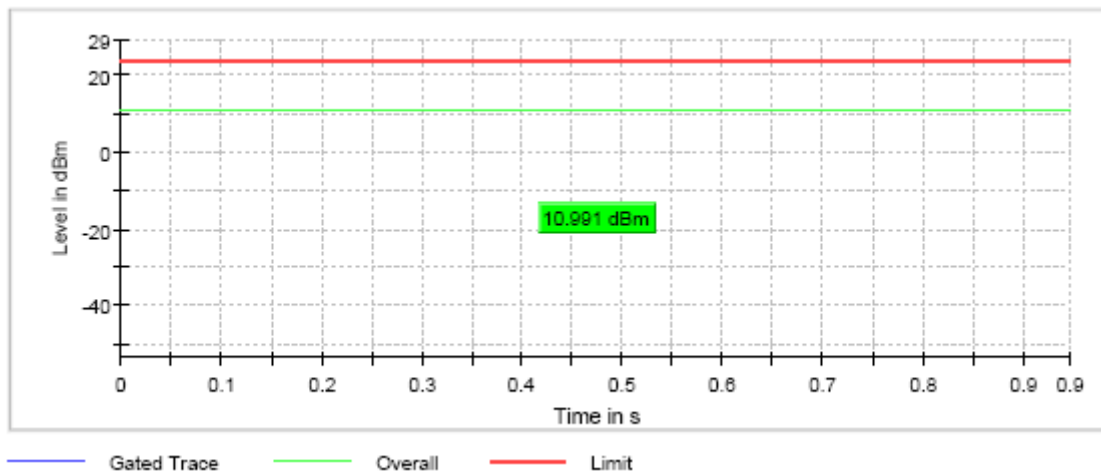


TEST RESULTS (Cont.)

Middle Channel



Highest Channel



TEST RESULTS	ac mode (40 MHz)
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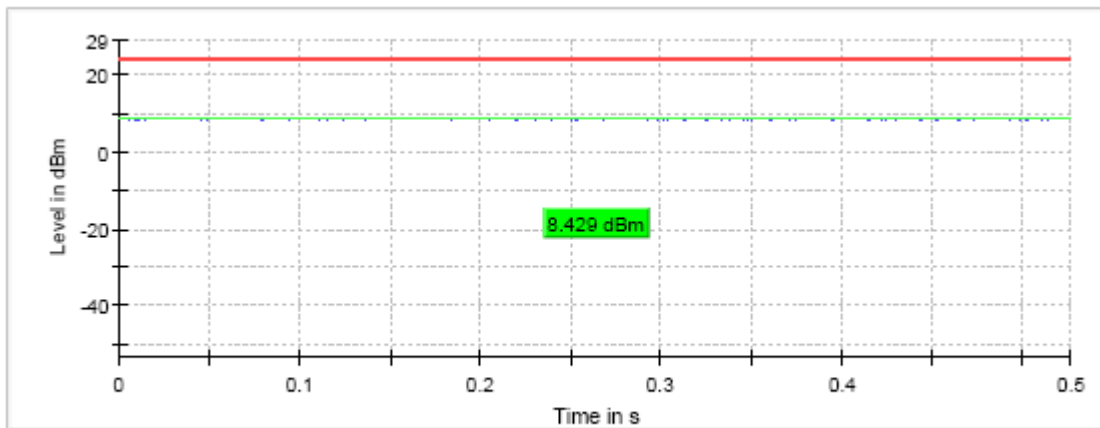
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5180 MHz	Highest frequency 5230 MHz
Maximum conducted power (dBm)	8.4	8.0
Maximum EIRP power (dBm)	12.9	12.5
Measurement uncertainty (dB)	<±0.78	

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

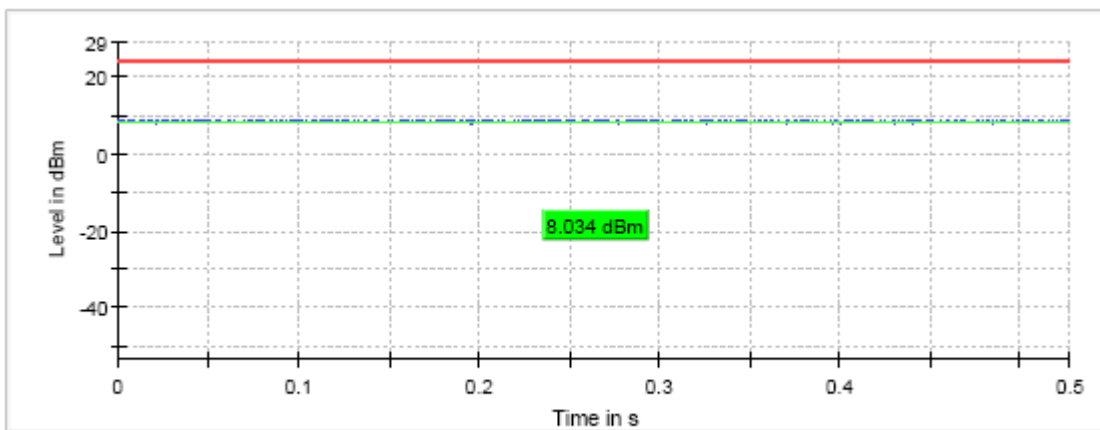
TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
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Lowest Channel



— Gated Trace — Overall — Limit

Highest Channel



— Gated Trace — Overall — Limit

TEST RESULTS	ac mode (80 MHz)
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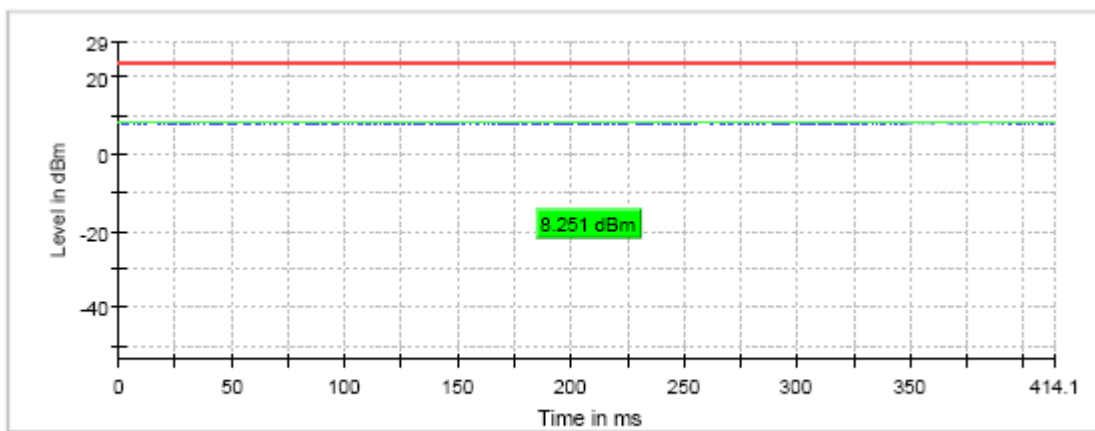
Maximum declared antenna gain: 4.5 dBi

	Lowest frequency 5210 MHz
Maximum conducted power (dBm)	8.3
Maximum EIRP power (dBm)	12.8
Measurement uncertainty (dB)	$<\pm 0.78$

The maximum directional gain of the antenna is less than 6 dBi and therefore the maximum output power is not required to be reduced from the stated values.

TEST RESULTS (Cont.):	CONDUCTED OUTPUT POWER
------------------------------	-------------------------------

Lowest Channel



— Gated Trace
 — Overall
 — Limit

TEST B.3: POWER SPECTRAL DENSITY

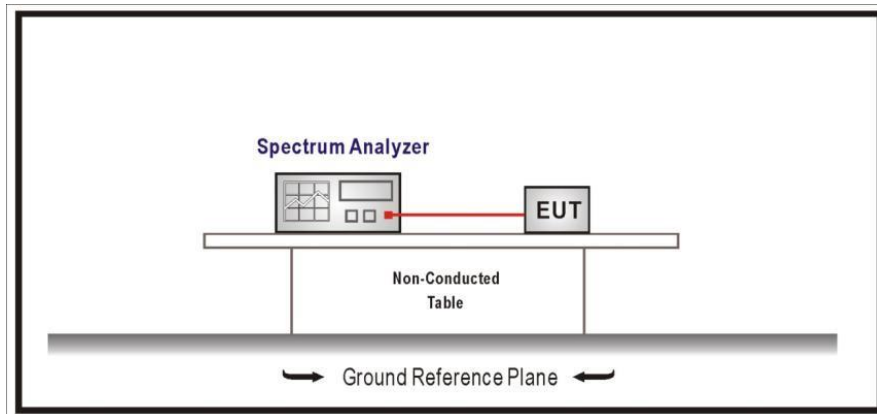
LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(a) (1) (5) and RSS-247 6.2.1.1

LIMITS

In the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST SETUP

For all modes, the maximum power spectral density level in the fundamental emission was measured using the method according to point F) (Method SA-1) of Guidance 789033 D02 General UNII Test Procedures New Rules v01.



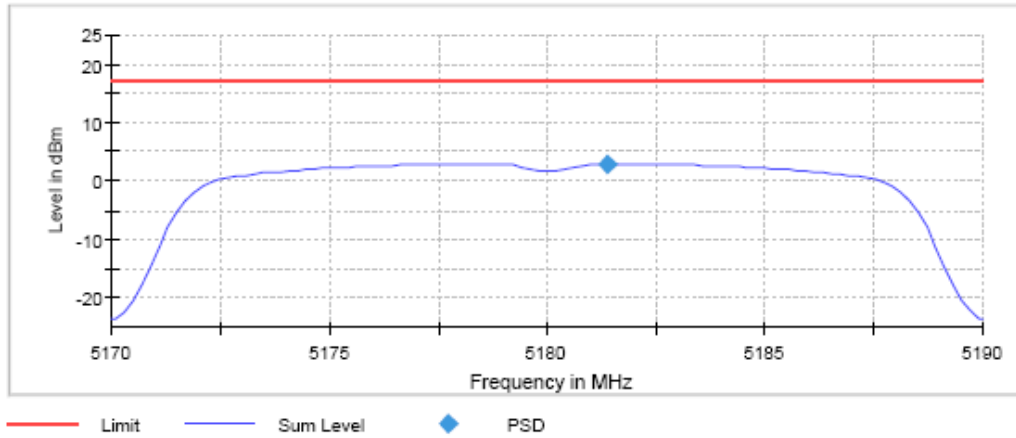
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

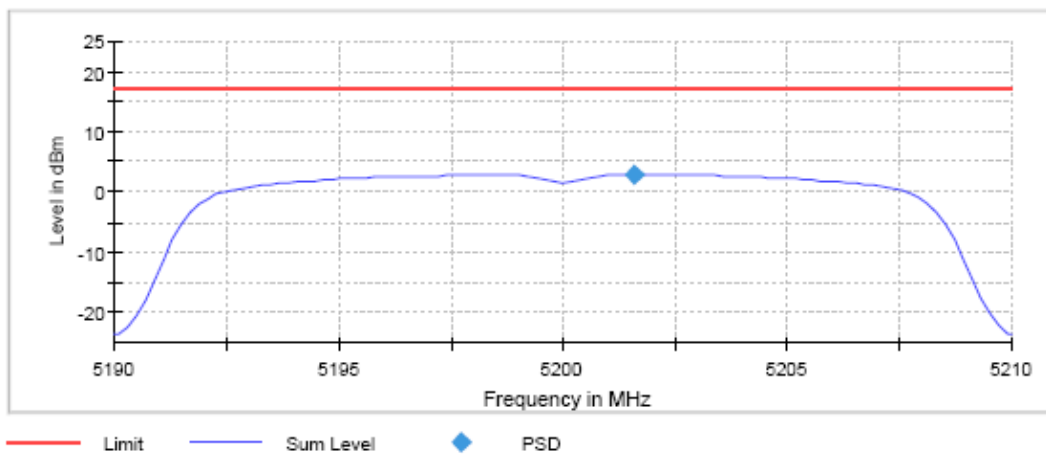
	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	2.911	2.889	2.823
Measurement uncertainty (dB)	<±0.78		

TEST RESULTS (Cont.):

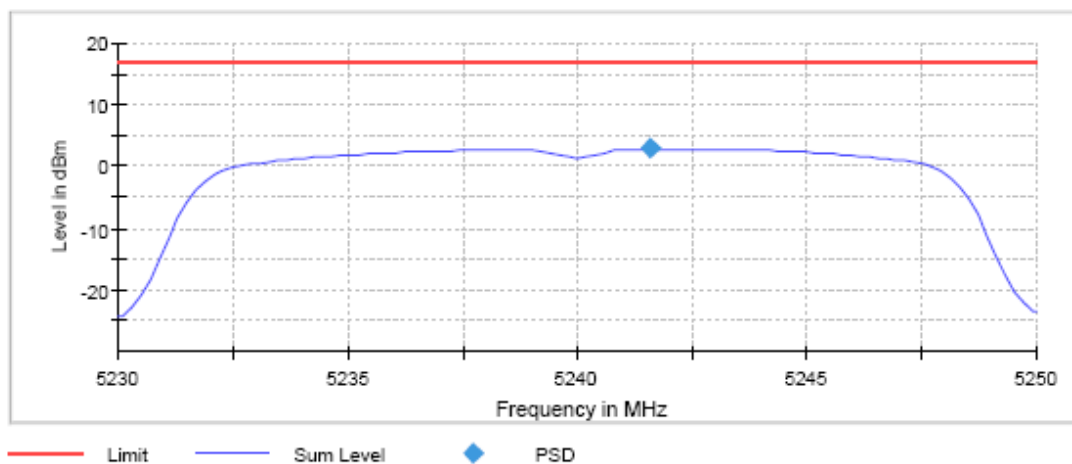
Low Channel



Middle Channel



High Channel



TEST RESULTS (Cont.):

Measurement

Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000	5.23000
Stop Frequency	5.19000 GHz	5.21000	5.25000
Span	20.000 MHz	20.000	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
Sweeptime	2.020 s	2.020 s	2.020 s
Reference Level	20.000	20.000	20.000 dBm
Attenuation	40.000 dB	40.000 dB	40.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	Sweep	Sweep	Sweep
Preamplifier	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max.	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable	0.08 dB	0.04 dB	0.07 dB

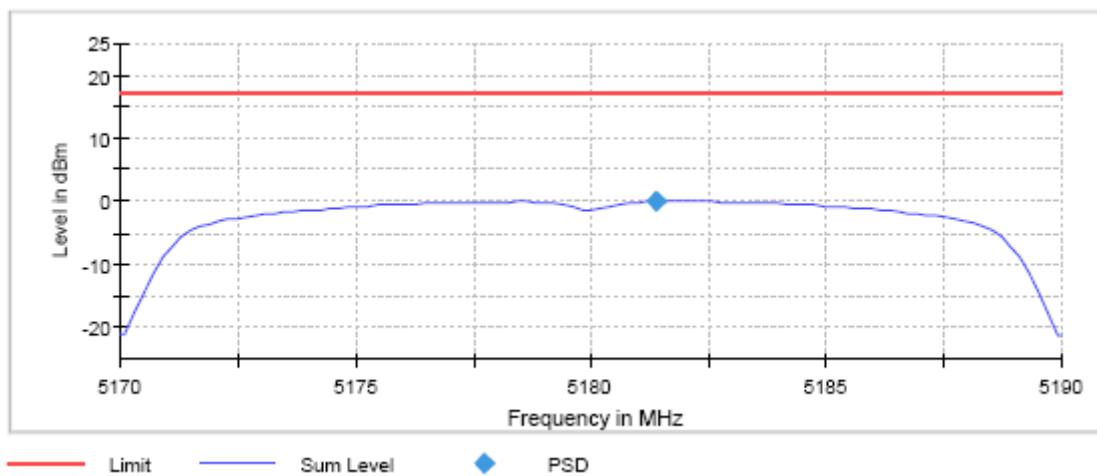
TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-0.071	-0.382	-1.137
Measurement uncertainty (dB)	<±0.78		

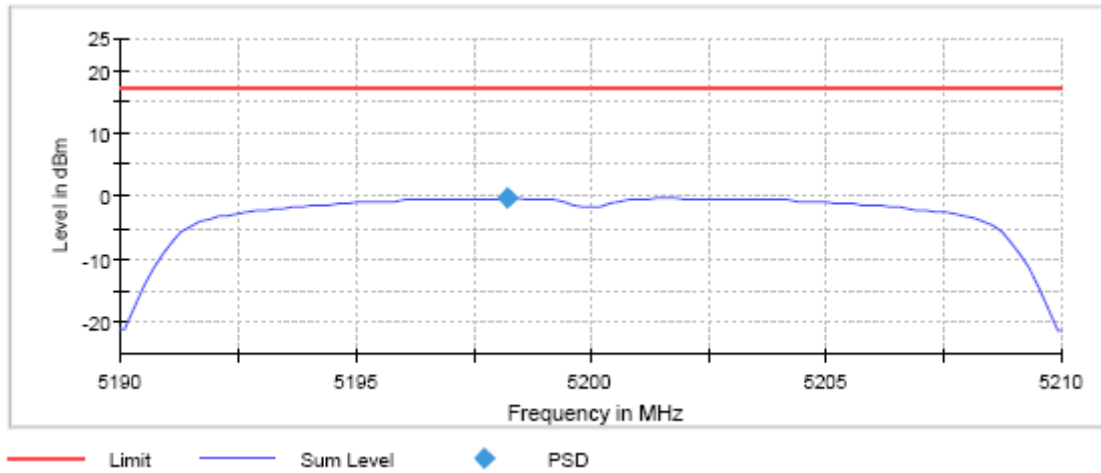
TEST RESULTS (Cont.):	
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Low Channel

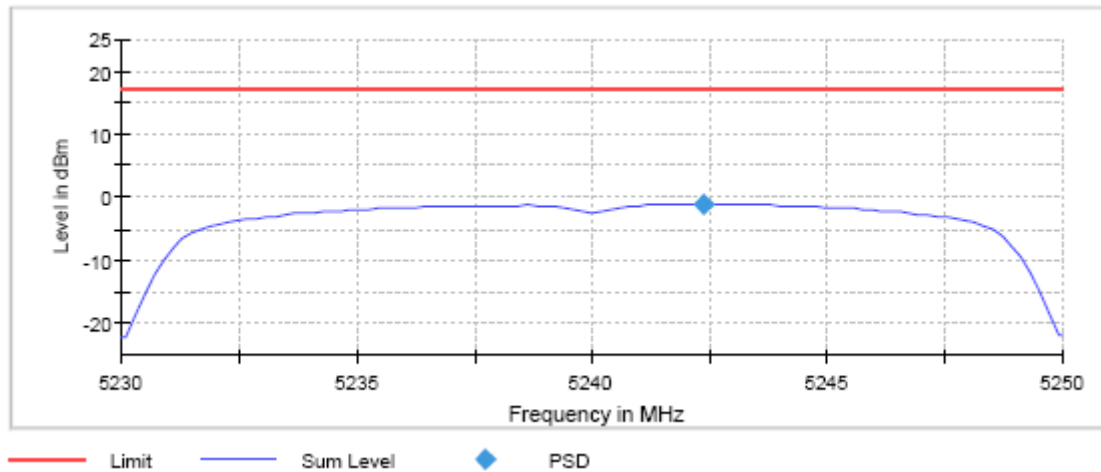


TEST RESULTS (Cont.):

Middle Channel



High Channel



TEST RESULTS (Cont.):	
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Measurement			
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000	5.19000	5.23000
Stop Frequency	5.19000	5.21000	5.25000
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
SweepTime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
SweepType	Sweep	Sweep	Sweep
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.04 dB	0.06 dB	0.04 dB

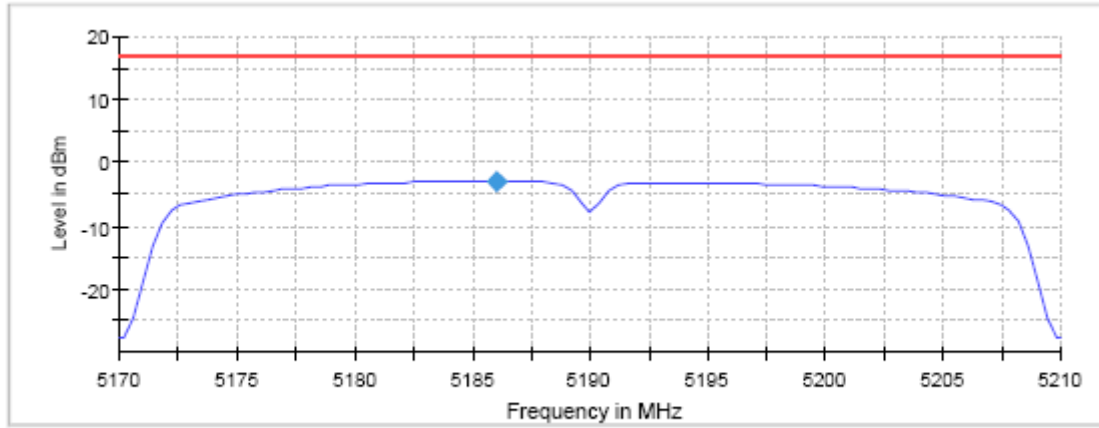
TEST RESULTS (Cont.):	n Mode
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Bandwidth: 40 MHz

	Lowest frequency	Highest frequency
	5190 MHz	5230 MHz
Power spectral density (dBm)	-2.986	-3.401
Measurement uncertainty (dB)	<±0.78	

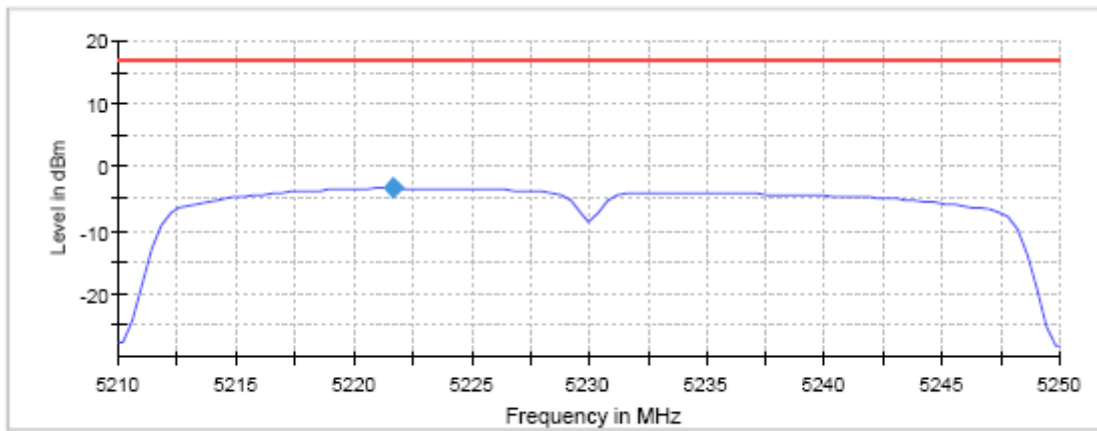
TEST RESULTS (Cont.):

Lowest Channel



— Limit — Sum Level ◆ PSD

Highest Channel



— Limit — Sum Level ◆ PSD

TEST RESULTS (Cont.):

Measurement

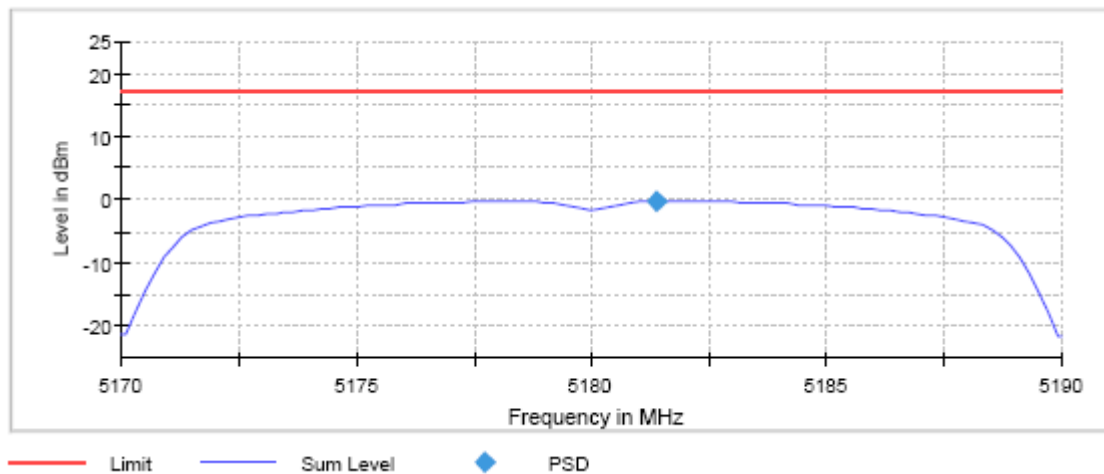
Setting	Instrument Value	Instrument Value
Start Frequency	5.17000	5.21000
Stop Frequency	5.21000	5.25000
Span	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	101	101
Sweeptime	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	RMS	RMS
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.05 dB	0.04 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#03 (ac mode)
TEST RESULTS:	PASS

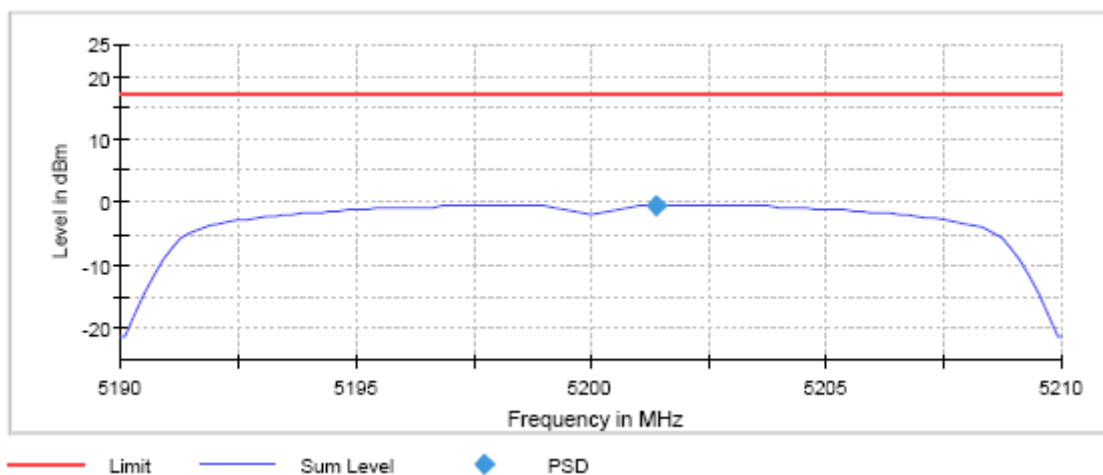
Bandwidth: 20 MHz

	Lowest frequency	Middle frequency	Highest frequency
	5180 MHz	5200 MHz	5240 MHz
Power spectral density (dBm)	-0.272	-0.551	-1.294
Measurement uncertainty (dB)	<±0.78		

Lowest Channel

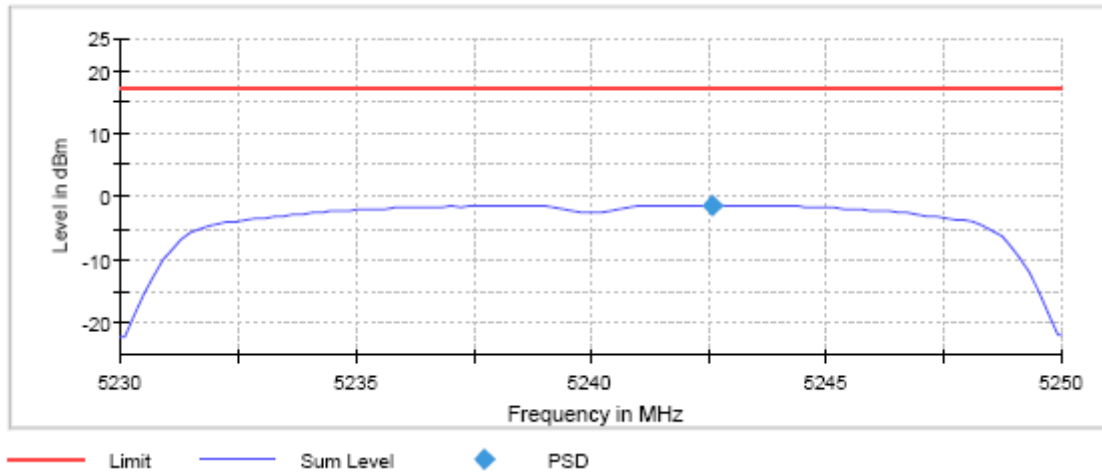


Middle Channel



TEST RESULTS (Cont.)

Highest Channel



Measurement

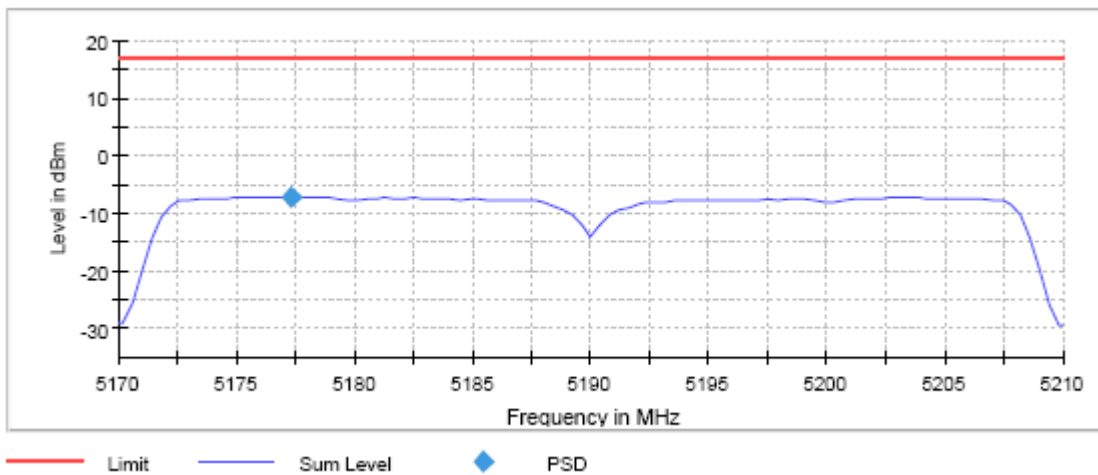
Setting	Instrument Value	Instrument Value	Instrument Value
Start Frequency	5.17000 GHz	5.19000 GHz	5.23000 GHz
Stop Frequency	5.19000 GHz	5.21000 GHz	5.25000 GHz
Span	20.000 MHz	20.000 MHz	20.000 MHz
RBW	1.000 MHz	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz	3.000 MHz
SweepPoints	101	101	101
Sweeptime	2.020 s	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB	30.000 dB
Detector	RMS	RMS	RMS
SweepCount	3	3	3
Filter	3 dB	3 dB	3 dB
Trace Mode	Max Hold	Max Hold	Max Hold
Sweeptype	Sweep	Sweep	Sweep
Preamp	off	off	off
Stablemode	Trace	Trace	Trace
Stablevalue	0.30 dB	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3	3 / 3
Max Stable Difference	0.03 dB	0.05 dB	0.06 dB

TEST RESULTS	ac Mode (40 MHz)
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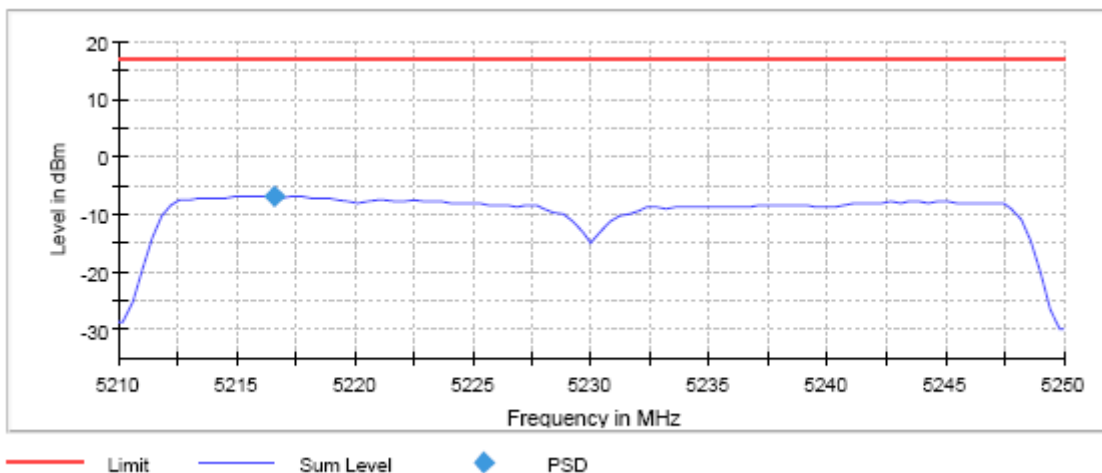
	Lowest frequency 5190 MHz	Highest frequency 5230 MHz
Power spectral density (dBm)	-7.033	-6.903
Measurement uncertainty (dB)	<±0.78	

TEST RESULTS (Cont.):	
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Lowest Channel



Highest Channel



TEST RESULTS (Cont.):

Measurement

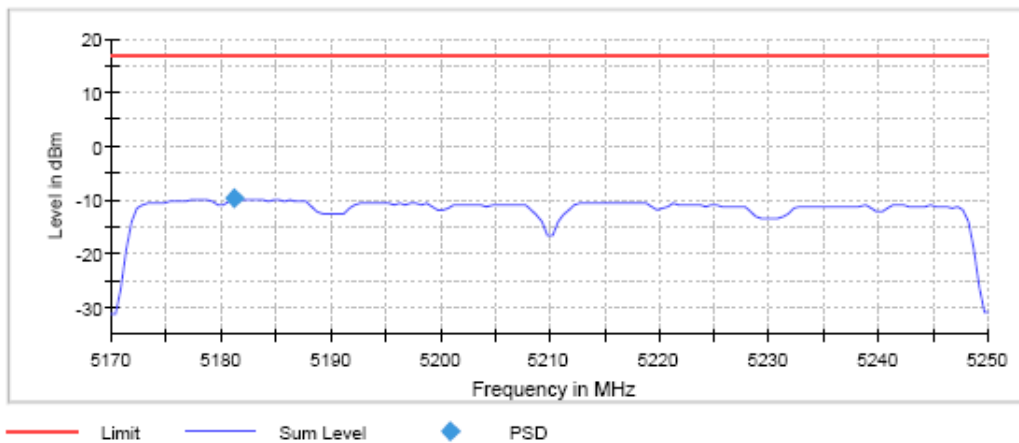
Setting	Instrument Value	Instrument Value
Start Frequency	5.17000	5.21000
Stop Frequency	5.21000	5.25000
Span	40.000 MHz	40.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	101	101
Sweeptime	2.020 s	2.020 s
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	30.000 dB
Detector	RMS	RMS
SweepCount	3	3
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	Sweep
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.30 dB	0.30 dB
Run	4 / max. 150	4 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.07 dB	0.08 dB

TEST RESULTS	ac Mode (80 MHz)
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	Lowest frequency 5210 MHz
Power spectral density (dBm)	-9.815
Measurement uncertainty (dB)	<±0.78

TEST RESULTS (Cont.):	
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Lowest Channel



Measurement

Setting	Instrument Value
Start Frequency	5.17000
Stop Frequency	5.25000
Span	80.000 MHz
RBW	1.000 MHz
VBW	3.000 MHz
SweepPoints	160
Sweeptime	3.200 s
Reference Level	10.000 dBm
Attenuation	30.000 dB
Detector	RMS
SweepCount	3
Filter	3 dB
Trace Mode	Max Hold
SweepType	Sweep
Preamp	off
Stablemode	Trace
Stablevalue	0.30 dB
Run	4 / max. 150
Stable	3 / 3
Max Stable Difference	0.11 dB

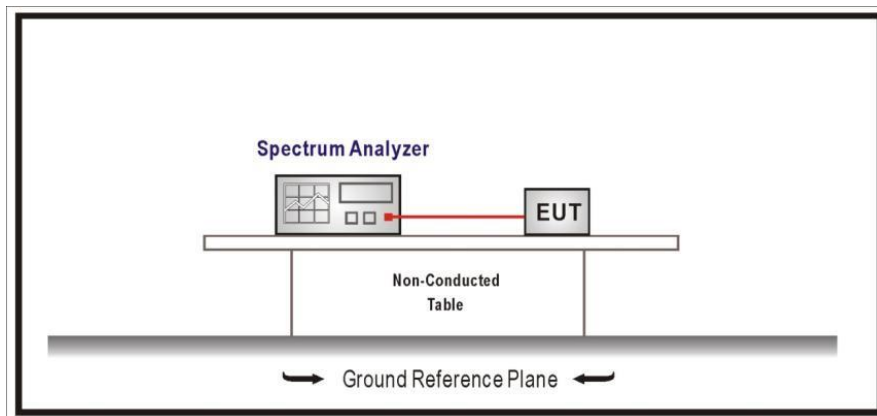
TEST B.4: BAND-EDGE EMISSIONS COMPLIANCE (TRANSMITTER)

LIMITS:	Product standard:	Part 15 Subpart C §15.407 and RSS-247
	Test standard:	Part 15 Subpart C §15.407(b)(1) and RSS-247 6.2.1.2

LIMITS

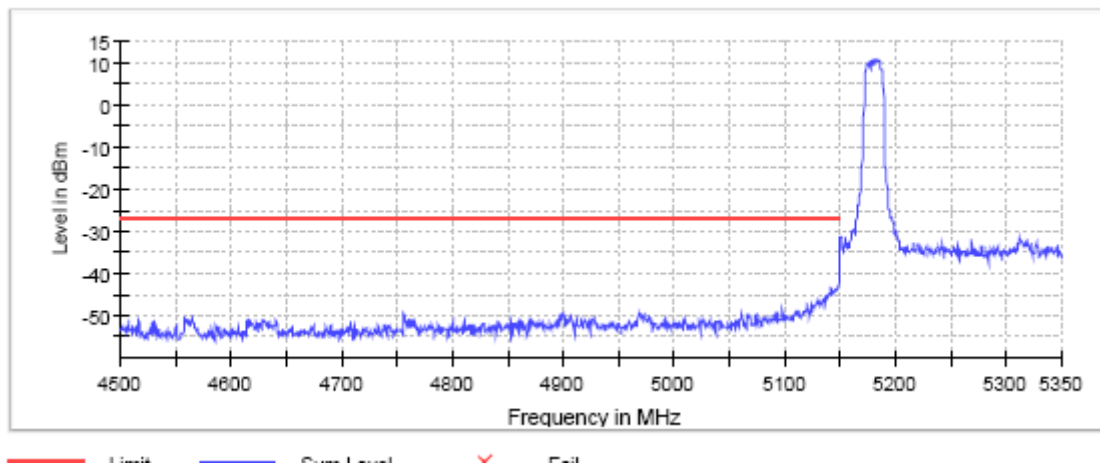
For transmitters operating in the 5.15 – 5.25 GHz band: all emissions outside the frequency band shall not exceed an EIRP of -27 dBm /MHz

TEST SETUP



TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#01 (a mode)
TEST RESULTS:	PASS

Lowest Channel



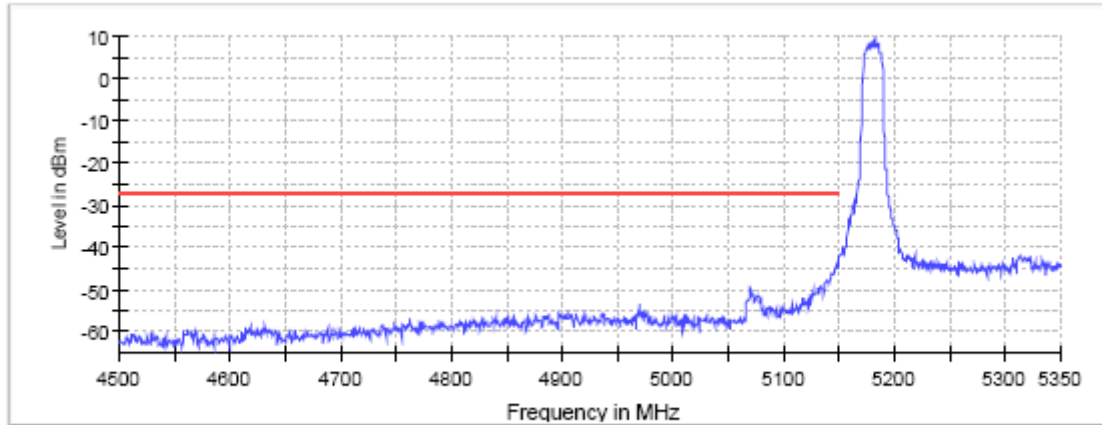
Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	4.50000 GHz
Stop Frequency	5.35000 GHz	5.15000 GHz
Span	200.000 MHz	650.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	1300
Sweeptime	28.594 μ s	87.688 μ s
Reference Level	20.000 dBm	0.000 dBm
Attenuation	40.000 dB	20.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	12 / max. 150	6 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.34 dB	0.00 dB

TESTED SAMPLES:	S/01
TESTED CONDITIONS MODES:	TC#02 (n mode)
TEST RESULTS:	PASS

Bandwidth: 20 MHz

Lowest Channel



— Limit — Sum Level × Fail

Measurement

Setting	Instrument Value	Instrument Value
Start Frequency	5.15000 GHz	4.50000 GHz
Stop Frequency	5.35000 GHz	5.15000 GHz
Span	200.000 MHz	650.000 MHz
RBW	1.000 MHz	1.000 MHz
VBW	3.000 MHz	3.000 MHz
SweepPoints	400	1300
Sweeptime	28.594 us	87.688 us
Reference Level	10.000 dBm	-10.000 dBm
Attenuation	30.000 dB	10.000 dB
Detector	Maxpeak	Maxpeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	FFT
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	21 / max. 150	27 / max. 150
Stable	3 / 3	3 / 3
Max Stable Difference	0.00 dB	0.00 dB