

PARTIAL TEST REPORT

EUT Description	WLAN and BT, 2x2 PCIe M.2 1216 adapter card
Brand Name	Intel® BE201D2W
Model Name	BE201D2W
FCC ID / IC ID	PD9BE201D2; 1000M-BE201D2
Date of Test Start/End	2026-08-12 / 2026-08-14
Features	2x2 Wi-Fi - Bluetooth® (see section 5)

Applicant	Intel Corporation SAS
Contact Person	Benjamin Lavenant
Telephone/Fax/ Email	Benjamin.lavenant@intel.com

Reference Standards	FCC CFR Title 47 Part 15 E RSS-247 issue 4, RSS-Gen issue 5 - A1 (see section 1)
---------------------	--

Test Report identification	231120-06.TR22
Revision Control	Rev.01 This test report revision replaces any previous test report revision (see section 8)

The test results relate only to the samples tested.
Reference to accreditation shall be used only by full reproduction of test report.

Reviewed by



Digitally signed by zayd
DN: cn=zayd,
email=zayd.ouachicha@
intel.com, c=US
Date: 2026.10.23
14:35:55 +02'00'

Zayd OUACHICHA
(Technical Manager)

Intel Corporation S.A.S – WRF Lab
425 rue de Goa – Le Cargo B6 - 06600, Antibes, France
Tel. +33493001400 / Fax +33493001401

Table of Contents

1.	Standards, reference documents and applicable test methods	3
2.	General conditions, competences and guarantees.....	3
3.	Environmental Conditions.....	4
4.	Test samples.....	4
5.	EUT Features	5
6.	Remarks and comments.....	6
7.	Test Verdicts summary.....	7
7.1.	802.11 be – UNII-1-2A-2C-3-4.....	7
8.	Document Revision History	7
Annex A.	Test & System Description.....	8
A.1	MEASUREMENT SYSTEM.....	8
A.2	TEST EQUIPMENT LIST	8
A.3	MEASUREMENT UNCERTAINTY EVALUATION	9
Annex B.	Test Results	10
B.1	TEST CONDITIONS.....	11
B.2	TEST RESULTS TABLES	12
B.2.1	26dB & 99% BANDWIDTH.....	12
B.2.2	MAXIMUM OUTPUT POWER & MAXIMUM POWER SPECTRAL DENSITY	15
B.2.3	UNDESIRABLE EMISSION LIMITS: OUT OF BAND (CONDUCTED)	25
Annex C.	System Plots	28
C.1.1	MAXIMUM OUTPUT POWER & MAXIMUM POWER SPECTRAL DENSITY	28
C.1.2	UNDESIRABLE EMISSION LIMITS: OUT OF BAND (CONDUCTED)	29
Annex D.	Photographs	52
D.1	TEST SETUP	52
D.2	TEST SAMPLE	53

1. Standards, reference documents and applicable test methods

FCC	1. FCC Title 47 CFR part 15 – Subpart E – Unlicensed National Information Infrastructure Devices. 2024-10-01 Edition 2. FCC Title 47 CFR part 15 - Subpart C – §15.209 Radiated emission limits; general requirements. 2024-10-01 Edition 3. FCC OET KDB 789033 D02 v02r01 - General U-NII Test Procedures New Rules – Guidelines for compliance testing of Unlicensed National Information Infrastructure (U-NII) Devices (Part 15, Subpart E) 4. FCC OET KDB 662911 D01 v02r01 - Emissions Testing of Transmitters with Multiple Outputs in the Same Band. 5. ANSI C63.10-2020 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.
ISED	1. RSS-Gen Issue 5 Amendment 1 - General Requirements for Compliance of Radio Apparatus. 2. RSS-247 Issue 4 - Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and License-Exempt Local Area Network (LE-LAN) Devices. 3. ANSI C63.10-2020+Cor 2023+Amd 2024 American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

Choose a building block.

2. General conditions, competences and guarantees.

- ✓ Tests performed under FCC standards identified in section 1 are covered by A2LA accreditation.
- ✓ Tests performed under ISED standards identified in section 1 are covered by Cofrac accreditation.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 laboratory accredited by the American Association for Laboratory Accreditation (A2LA) with the certificate number 3478.01.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an Accredited Test Firm recognized by the FCC, with Designation Number FR0011.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is an ISO/IEC 17025:2017 testing laboratory accredited by the French Committee for Accreditation (Cofrac) with the certificate number 1-6736.
- ✓ Intel Corporation SAS Wireless RF Lab (Intel WRF Lab) is a Registered Test Site listed by ISED, with ISED #1000Y and CAB identifier FR0005.
- ✓ Intel WRF Lab only provides testing services and is committed to providing reliable, unbiased test results and interpretations.
- ✓ Intel WRF Lab 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.
- ✓ Intel WRF Lab has developed calibration and proficiency programs for its measurement equipment to ensure correlated and reliable results to its customers.
- ✓ This report is only referred to the item that has undergone the test.
- ✓ This report does not imply an approval of the product by the Certification Bodies or competent Authorities.

3. Environmental Conditions

- ✓ At the site where the measurements were performed the following limits were not exceeded during the tests:

Temperature	Min: 24.62°C Max: 25.52°C Average: 25.02°C
Humidity	Min: 35.67% Max: 41.89% Average: 38.71%

4. Test samples

Sample	Control #	Description	Model	Serial #	Date of receipt	Note
#01	231120-05.S13	WiFi 7 Module	BE201D2W	WFM:F8FE5ECDCA67	2024-02-06	Used for RF conducted tests
	231109-03.S50	CRF xVT DB 2230 BNJ V3 C0 ASS00887-00	PCB00862_00_A	-	-	
	230824-01.S02	Laptop	HP (TPN-Q292)	A5CD32257RT	2024-12-12	

5. EUT Features

The herein information is provided by the customer.

Intel WRF Lab declines any responsibility for the accuracy of the stated customer provided information, especially if it has any impact on the correctness of test results presented in this report.

Brand Name	Intel® BE201D2W		
Model Name	BE201D2W		
Software Version	DRTU.08798.99.0.99		
Driver Version	99.0.99.2		
Prototype / Production	Production		
Supported Radios	802.11b/g/n/ax/be 802.11a/n/ac/ax/be 802.11ax/be Bluetooth 6 2.4GHz 5.2GHz 5.6GHz 5.8GHz 5.9GHz 6.0GHz 2.4GHz		
Antenna Information PIFA	Transmitter	Chain A(1)	Chain B(2)
	Manufacturer	Intel WRF Lab	Intel WRF Lab
	Antenna type	PIFA	PIFA
	Part number	WRF-Tri Band-Antenna	WRF-Tri Band-Antenna
	Antenna peak gain (dBi)	+5.15	+5.15
Antenna Information Dipole	Transmitter	Main(2) / Chain A	Aux(1) / Chain B
	Manufacturer	Wieson	Wieson
	Antenna type	Dipole	Dipole
	Part number	ARY121-0009-002-H0	ARY121-0009-002-H0
	Declared Antenna gain (dBi) – 5.2 & 5.3GHz	+4.11	+4.11
	Declared Antenna gain (dBi) – 5.6GHz	+5.15	+5.15
	Declared Antenna gain (dBi) – 5.8 GHz	+5.13	+5.13
Antenna Information Monopole	Transmitter	Main(2)/Chain A	Aux(1)/Chain B
	Manufacturer	HongBo	HongBo
	Antenna type	Monopole	Monopole
	Part number	260-25095	260-25095
	Declared Antenna gain (dBi) – 5.2GHz	+4.57	+4.57
	Declared Antenna gain (dBi) – 5.3GHz	+4.44	+4.44
	Declared Antenna gain (dBi) – 5.6 & 5.8 GHz	+4.95	+4.95

6. Remarks and comments

1. No deviations were made from the test methods listed in section 1 of this report.
2. Only the worst-case plots for Emission Mask and power have been reported for each channel bandwidth except for band edge measurements where all plots are reported.
3. This report only presents conducted measurements, for radiated spurious measurements refer to report: **231120-06.TR23**
4. Full and Partial RUs are supported. Full RU was completely tested as this was considered a worst case. Target powers for Full are higher than partial RU. Spot checking was done to confirm this during testing for power and PSD. Complete partial RU testing is provided as part of the emissions mask.

7. Test Verdicts summary

The statement of conformity to applicable standards in the table below are based on the measured values, without taking into account the measurement uncertainties.

7.1. 802.11 be – UNII-1-2A-2C-3-4

FCC part	RSS clause	Test name	Verdict
15.407 (a) (1)(2) (3)	RSS-247 Clause 7.3.1.2 RSS-247 Clause 7.3.2.2 RSS-247 Clause 7.3.3.2 RSS-247 Clause 7.3.4.3 RSS-247 Clause 7.3.5.3	Power Limits. Maximum output power	P
15.407 (a) (1)(2)	RSS-247 Clause 7.3.1.2 RSS-247 Clause 7.3.2.2 RSS-247 Clause 7.3.3.2 RSS-247 Clause 7.3.4.3 RSS-247 Clause 7.3.5.3	Power spectral density	P
15.407 (e)	RSS-247 Clause 7.3.4.2 RSS-247 Clause 7.3.5.2	26dB & 99% Bandwidth	P
15.407 (b) (1)(3) 15.209 (a)	RSS-247 Clause 7.3.1.3 RSS-247 Clause 7.3.2.3 RSS-247 Clause 7.3.3.3 RSS-247 Clause 7.3.4.3 RSS-247 Clause 7.3.5.3 RSS-GEN A1 Clause 8.9	Undesirable emissions limits: out of band (conducted)	P

P: Pass

F: Fail

NM: Not Measured

NA: Not Applicable

8. Document Revision History

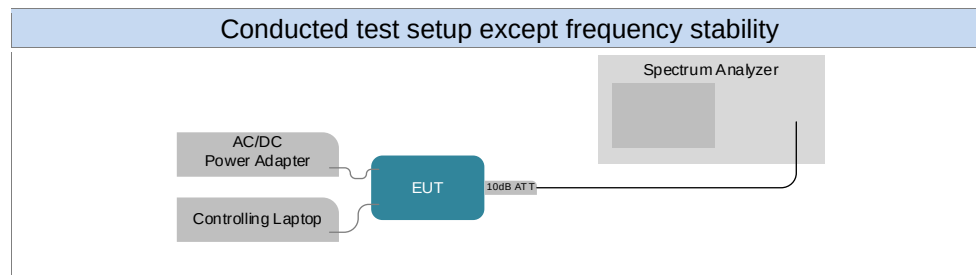
Revision #	Modified by	Revision Details
Rev. 00	T. GAMAIN	First Issue
Rev. 01	T. GAMAIN	Addressed following TCB comments: - Retested UNII-1 Channel Power above Full Bandwidth declaration. - Fixed a typo in Section B.2.2 UNII-2A stating incorrect channel number and frequency.

Annex A. Test & System Description

A.1 Measurement System

Measurements were performed using these following setups.

The DUT was installed in a test fixture and this test fixture is connected to a laptop computer and AC/DC power adapter. The laptop computer was used to configure the EUT to continuously transmit at a specified output power using all different modes and modulation schemes, using the Intel proprietary tool DRTU.



Choose a building block.

A.2 Test Equipment List

Conducted setup

ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
280-000	Spectrum Analyzer	FSV30	103310	Rohde & Schwarz	2024-12-17	2027-12-17
019-000	RF cable 100cm	PE360-100	N/A	PASTERNAK	2026-06-11	2027-06-11
019-002	10dB Attenuator + MH4	N/A	N/A	N/A	2026-06-11	2027-06-11
094-004	Temp & Humidity Logger	RMS-HCD-S	24050483	ROTRONIC	2024-09-02	2026-09-02
413-000	Measurement SW v1.5.4.2	Octopi	N/A	Step AT	N/A	N/A

N/A: not applicable

A.3 Measurement Uncertainty Evaluation

The system uncertainty evaluation is shown in the table below with a coverage factor of $k = 2$ to indicate a 95% level of confidence:

Measurement type	Uncertainty	Unit
Power Spectral density	± 1.47	dB
Frequency stability	± 53.0	ppm
Occupied bandwidth	± 2.07	%
Conducted Power	± 1.03	dB
Temperature	± 0.23	°C
Supply voltages	$< \pm 0.01$	%

Annex B. Test Results

The herein test results were performed by:

Test case measurement	Test Personnel
Maximum output power	T. GAMAIN
26dB and 99% Bandwidth measurement	T. GAMAIN
Maximum power spectral density	T. GAMAIN
Undesirable emissions limits: out of band (conducted)	T. GAMAIN

B.1 Test Conditions

For 802.11ax/be20 (20 MHz channel bandwidth), 802.11ax/be40 (40MHz channel bandwidth), 802.11ax/be80 (80MHz channel bandwidth), 802.11ax/be160 (160MHz channel bandwidth) and 802.11be320 (320MHz channel bandwidth) modes the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, and also simultaneously.

Selected Test Mode Combinations:

Test plan was determined by considering the worst-case mode from all possible combinations.

Band	Mode & BW [MHz]	Channel	Frequency [MHz]	Rate	Puncturing config.
UNII-1	802.11be80	42	5210	MCS0	60 / 91 (Low)
UNII-1	802.11be80	42	5210	MCS0	60 / 92 (Mid)
UNII-1	802.11be160	50	5250	MCS0	120 / 95 (Low)
UNII-1	802.11be160	50	5250	MCS0	120 / s95 (High)
UNII-1	802.11be160	50	5250	MCS0	140 / 97 (Low)
UNII-1	802.11be160	50	5250	MCS0	140 / s99 (High)
UNII-2A	802.11be80	58	5290	MCS0	60 / 91 (Low)
UNII-2A	802.11be80	58	5290	MCS0	60 / 92 (Mid)
UNII-2C	802.11be160	114	5570	MCS0	120 / 95 (Low)
UNII-2C	802.11be160	114	5570	MCS0	120 / s95 (High)
UNII-2C	802.11be160	114	5570	MCS0	140 / 97 (Low)
UNII-2C	802.11be160	114	5570	MCS0	140 / s99 (High)
UNII-2C	802.11be80	122	5610	MCS0	60 / 91 (Low)
UNII-2C	802.11be80	122	5610	MCS0	60 / 92 (Mid)
UNII-3	802.11be80	155	5775	MCS0	60 / 91 (Low)
UNII-3	802.11be80	155	5775	MCS0	60 / 92 (Mid)
UNII-4	802.11be160	163	5815	MCS0	120 / 95 (Low)
UNII-4	802.11be160	163	5815	MCS0	120 / s95 (High)
UNII-4	802.11be160	163	5815	MCS0	140 / 97 (Low)
UNII-4	802.11be160	163	5815	MCS0	140 / s99 (High)

The following data rates were selected based on preliminary testing that identified those rates as the worst cases for output power and spurious levels at the band edges:

Transmission	Mode	Bandwidth (MHz)	Worst Case Data Rate
SISO/MIMO	802.11be	80/160	MCS0

B.2 Test Results Tables

B.2.1 26dB & 99% Bandwidth

Test limits

Applicable to UNII-3 and UNII-4 channels:

FCC part	RSS-247	Limits
15.407 (e)	Clause 7.3.4.2 & Clause 7.3.5.2	For equipment operating in the band 5725-5895 MHz, the minimum 6 dB bandwidth shall be at least 500 kHz.

Test procedure

The conducted setup shown in section *Test & System Description* was used to measure the 26dB & 99% bandwidth. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

Results tables

UNII-1-2A-2C-3-4 (FCC & ISSED)

Band	Mode & BW [MHz]	Channel	Frequency [MHz]	Rate	Puncturing config.	Antenna	26dB BW [MHz]	99% BW [MHz]
UNII-1	802.11be80	42	5210	EHT0	60 / 91 (Low)	SISO A	85.5	77.76
UNII-1	802.11be80	42	5210	EHT0	60 / 91 (Low)	SISO B	84.36	77.88
UNII-1	802.11be80	42	5210	EHT0	60 / 91 (Low)	MIMO A	84.74	78.00
UNII-1	802.11be80	42	5210	EHT0	60 / 91 (Low)	MIMO B	83.03	78.00
UNII-1	802.11be80	42	5210	EHT0	60 / 92 (Mid)	SISO A	84.17	77.76
UNII-1	802.11be80	42	5210	EHT0	60 / 92 (Mid)	SISO B	84.74	77.88
UNII-1	802.11be80	42	5210	EHT0	60 / 92 (Mid)	MIMO A	84.74	77.88
UNII-1	802.11be80	42	5210	EHT0	60 / 92 (Mid)	MIMO B	83.79	77.88
UNII-1	802.11be160	50	5250	EHT0	120 / 95 (Low)	SISO A	165	157.75
UNII-1	802.11be160	50	5250	EHT0	120 / 95 (Low)	SISO B	165.33	157.50
UNII-1	802.11be160	50	5250	EHT0	120 / 95 (Low)	MIMO A	165.33	157.50
UNII-1	802.11be160	50	5250	EHT0	120 / 95 (Low)	MIMO B	164.01	157.50
UNII-1	802.11be160	50	5250	EHT0	120 / s95 (High)	SISO A	125.73	117.75
UNII-1	802.11be160	50	5250	EHT0	120 / s95 (High)	SISO B	126.72	117.75
UNII-1	802.11be160	50	5250	EHT0	120 / s95 (High)	MIMO A	126.72	117.75
UNII-1	802.11be160	50	5250	EHT0	120 / s95 (High)	MIMO B	126.06	117.50
UNII-1	802.11be160	50	5250	EHT0	140 / 97 (Low)	SISO A	164.01	157.25
UNII-1	802.11be160	50	5250	EHT0	140 / 97 (Low)	SISO B	165.33	157.25
UNII-1	802.11be160	50	5250	EHT0	140 / 97 (Low)	MIMO A	165.33	157.25
UNII-1	802.11be160	50	5250	EHT0	140 / 97 (Low)	MIMO B	164.67	157.00
UNII-1	802.11be160	50	5250	EHT0	140 / s99 (High)	SISO A	147.18	138.00
UNII-1	802.11be160	50	5250	EHT0	140 / s99 (High)	SISO B	146.19	138.00
UNII-1	802.11be160	50	5250	EHT0	140 / s99 (High)	MIMO A	145.53	137.75
UNII-1	802.11be160	50	5250	EHT0	140 / s99 (High)	MIMO B	145.86	137.75
UNII-2A	802.11be80	58	5290	EHT0	60 / 91 (Low)	SISO A	84.93	77.88
UNII-2A	802.11be80	58	5290	EHT0	60 / 91 (Low)	SISO B	84.17	78.00
UNII-2A	802.11be80	58	5290	EHT0	60 / 91 (Low)	MIMO A	84.93	77.76
UNII-2A	802.11be80	58	5290	EHT0	60 / 91 (Low)	MIMO B	84.17	77.88
UNII-2A	802.11be80	58	5290	EHT0	60 / 92 (Mid)	SISO A	84.36	77.88
UNII-2A	802.11be80	58	5290	EHT0	60 / 92 (Mid)	SISO B	84.55	77.88
UNII-2A	802.11be80	58	5290	EHT0	60 / 92 (Mid)	MIMO A	84.36	77.88
UNII-2A	802.11be80	58	5290	EHT0	60 / 92 (Mid)	MIMO B	83.79	77.76
UNII-2C	802.11be80	122	5610	EHT0	60 / 91 (Low)	SISO A	117.23	78.00
UNII-2C	802.11be80	122	5610	EHT0	60 / 91 (Low)	SISO B	89.87	78.00
UNII-2C	802.11be80	122	5610	EHT0	60 / 91 (Low)	MIMO A	84.55	77.88
UNII-2C	802.11be80	122	5610	EHT0	60 / 91 (Low)	MIMO B	83.98	77.88
UNII-2C	802.11be80	122	5610	EHT0	60 / 92 (Mid)	SISO A	84.93	77.88
UNII-2C	802.11be80	122	5610	EHT0	60 / 92 (Mid)	SISO B	84.74	77.88
UNII-2C	802.11be80	122	5610	EHT0	60 / 92 (Mid)	MIMO A	84.17	77.88
UNII-2C	802.11be80	122	5610	EHT0	60 / 92 (Mid)	MIMO B	84.55	77.76
UNII-2C	802.11be160	114	5570	EHT0	120 / 95 (Low)	SISO A	165	157.50
UNII-2C	802.11be160	114	5570	EHT0	120 / 95 (Low)	SISO B	165.00	157.50
UNII-2C	802.11be160	114	5570	EHT0	120 / 95 (Low)	MIMO A	165.33	157.50
UNII-2C	802.11be160	114	5570	EHT0	120 / 95 (Low)	MIMO B	165	157.25
UNII-2C	802.11be160	114	5570	EHT0	120 / s95 (High)	SISO A	125.73	118.00
UNII-2C	802.11be160	114	5570	EHT0	120 / s95 (High)	SISO B	126.72	117.75
UNII-2C	802.11be160	114	5570	EHT0	120 / s95 (High)	MIMO A	125.73	117.75
UNII-2C	802.11be160	114	5570	EHT0	120 / s95 (High)	MIMO B	126.06	117.50
UNII-2C	802.11be160	114	5570	EHT0	140 / 97 (Low)	SISO A	164.67	157.25
UNII-2C	802.11be160	114	5570	EHT0	140 / 97 (Low)	SISO B	164.67	157.00
UNII-2C	802.11be160	114	5570	EHT0	140 / 97 (Low)	MIMO A	165.33	156.75
UNII-2C	802.11be160	114	5570	EHT0	140 / 97 (Low)	MIMO B	164.34	157.00
UNII-2C	802.11be160	114	5570	EHT0	140 / s99 (High)	SISO A	146.85	138.00
UNII-2C	802.11be160	114	5570	EHT0	140 / s99 (High)	SISO B	146.85	138.00
UNII-2C	802.11be160	114	5570	EHT0	140 / s99 (High)	MIMO A	146.52	138.00
UNII-2C	802.11be160	114	5570	EHT0	140 / s99 (High)	MIMO B	146.19	138.00
UNII-3	802.11be80	155	5775	EHT0	60 / 91 (Low)	SISO A	NM	77.88
UNII-3	802.11be80	155	5775	EHT0	60 / 91 (Low)	SISO B	NM	77.88
UNII-3	802.11be80	155	5775	EHT0	60 / 91 (Low)	MIMO A	NM	77.88
UNII-3	802.11be80	155	5775	EHT0	60 / 91 (Low)	MIMO B	NM	77.76
UNII-3	802.11be80	155	5775	EHT0	60 / 92 (Mid)	SISO A	NM	78.00
UNII-3	802.11be80	155	5775	EHT0	60 / 92 (Mid)	SISO B	NM	77.88
UNII-3	802.11be80	155	5775	EHT0	60 / 92 (Mid)	MIMO A	NM	77.88
UNII-3	802.11be80	155	5775	EHT0	60 / 92 (Mid)	MIMO B	NM	77.88
UNII-4	802.11be160	163	5815	EHT0	120 / 95 (Low)	SISO A	NM	157.44

UNII-4	802.11be160	163	5815	EHT0	120 / 95 (Low)	SISO B	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	120 / 95 (Low)	MIMO A	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	120 / 95 (Low)	MIMO B	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	120 / s95 (High)	SISO A	NM	117.76
UNII-4	802.11be160	163	5815	EHT0	120 / s95 (High)	SISO B	NM	117.44
UNII-4	802.11be160	163	5815	EHT0	120 / s95 (High)	MIMO A	NM	117.76
UNII-4	802.11be160	163	5815	EHT0	120 / s95 (High)	MIMO B	NM	117.44
UNII-4	802.11be160	163	5815	EHT0	140 / 97 (Low)	SISO A	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	140 / 97 (Low)	SISO B	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	140 / 97 (Low)	MIMO A	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	140 / 97 (Low)	MIMO B	NM	157.12
UNII-4	802.11be160	163	5815	EHT0	140 / s99 (High)	SISO A	NM	137.92
UNII-4	802.11be160	163	5815	EHT0	140 / s99 (High)	SISO B	NM	137.92
UNII-4	802.11be160	163	5815	EHT0	140 / s99 (High)	MIMO A	NM	137.92
UNII-4	802.11be160	163	5815	EHT0	140 / s99 (High)	MIMO B	NM	137.60

B.2.2 Maximum Output power & Maximum power spectral Density

Test limits

FCC part	RSS-247	Limits
15.407 (a) (1) (iv)	-	For client devices in the 5.15-5.25 GHz band, the maximum conducted output over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 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.
15.407 (a) (2)	-	For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the peak power spectral density shall not exceed 11 dBm in any 1 megahertz band.
-	Clause 7.3.1.2	The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.
-	Clause 7.3.2.2 & Clause 7.3.3.2	The maximum conducted power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
15.407 (a) (3)	Clause 7.3.4.3	For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band
15.407 (a) (3) (iii)	Clause 7.3.5.3	For client devices operating under the control of an indoor access point in the 5.850-5.895 GHz band, the maximum power spectral density must not exceed 14 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.
15.407 (a) (13)	-	Power spectral density measurement: The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. Measurements in the 5.725-5.895 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less.

Test procedure

The Maximum Conducted Output Power was measured using the channel integration method over the entire 99% occupied bandwidth according to section E) 2) d) (Method SA-2) of KDB 789033

The maximum power spectral density (PSD) was measured using the method according to section F) (Method SA-2) of KDB 789033

In the *measure-and-sum* approach for MIMO mode, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically in linear power units to determine the total emission level from the device. When MIMO mode is running each single antenna conducted output power is reduced by 3dBi such that MIMO mode does not exceed the output of a single chain in SISO mode. $\text{SISO A pwr} = \text{SISO B pwr} = \text{MIMO pwr} (1/2 \text{ A pwr} + 1/2 \text{ B pwr})$.

The EIRP power (dBm) is calculated by adding the declared maximum antenna gain (+5.15dBi) to the measured conducted power in accordance with KDB 662911 D01 v02r01. All transmit signals are completely uncorrelated with each other. Therefore, Directional gain = GANT = +5.15 dBi.

Per KDB 662911 D01 v02r01: MIMO Spacial diversity applies as completely uncorrelated, neither beamforming, whether fixed or adaptative, nor Cyclic Delay Diversity (CDD) technique are used. For further details, refer to 'MIMO Theory of Operation' document.

The conducted setup shown in section *Test & System Description* was used to measure the maximum conducted output power and power spectral density. The antenna terminal of the EUT is connected to the spectrum analyser through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss.

See Annex C.1.1 for the screenshot results.

Results tablesDuty cycle

Mode	Rate	Antenna	Duty Cycle [%]
802.11be80	MCS0	SISO A	98.80
		SISO B	98.80
		MIMO A	99.40
		MIMO B	99.40
802.11be160	MCS0	SISO A	98.80
		SISO B	98.80
		MIMO A	98.90
		MIMO B	98.90

Maximum output power

UNII-1 (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	Output Power [dBm]	Max Output Power [dBm]	Antenna Gain [dBi]	Max EIRP [dBm]	Max Output Power [mW]	Max EIRP [mW]
UNII-1	802.11b	80	MCS0	42	5210	60 / 91 (Low)	SISO A	15.71	15.71	5.15	20.86	37.24	121.90
							SISO B	16.08	16.08		21.23	40.55	132.74
							MIMO A	14.44	14.44		19.59	27.80	90.99
							MIMO B	14.33	14.33		19.48	27.10	88.72
							Combined A+B	17.40	17.40		22.55	54.90	179.71
						60 / 92 (Mid)	SISO A	15.72	15.72		20.87	37.33	122.18
							SISO B	16.00	16.00		21.15	39.81	130.32
							MIMO A	14.22	14.22		19.37	26.42	86.50
							MIMO B	14.65	14.65		19.80	29.17	95.50
							Combined A+B	17.45	17.45		22.60	55.60	182.00
		160		50	120 / 95 (Low)	SISO A	15.46	15.46	20.61		35.16	115.08	
						SISO B	15.95	15.95	21.10		39.36	128.82	
						MIMO A	12.98	12.98	18.13		19.86	65.01	
						MIMO B	12.96	12.96	18.11		19.77	64.71	
						Combined A+B	15.98	15.98	21.13		39.63	129.73	
						120 / s95 (High)	SISO A	14.31	14.31		19.46	26.98	88.31
							SISO B	14.80	14.80		19.95	30.20	98.86
							MIMO A	13.03	13.03		18.18	20.09	65.77
							MIMO B	14.06	14.06		19.21	25.47	83.37
							Combined A+B	16.59	16.59		21.74	45.56	149.13
					140 / s99 (High)	SISO A	14.32	14.32	19.47		27.04	88.51	
						SISO B	14.80	14.80	19.95		30.20	98.86	
						MIMO A	13.03	13.03	18.18		20.09	65.77	
						MIMO B	12.86	12.86	18.01		19.32	63.24	
						Combined A+B	15.96	15.96	21.11		39.41	129.01	
					140 / 97 (Low)	SISO A	14.96	14.96	20.11		31.33	102.57	
						SISO B	15.41	15.41	20.56		34.75	113.76	
						MIMO A	14.00	14.00	19.15		25.12	82.22	
						MIMO B	14.28	14.28	19.43		26.79	87.70	
						Combined A+B	17.15	17.15	22.30		51.91	169.92	

UNII-2A (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	Output Power [dBm]	Max Output Power [dBm]	Antenna Gain [dBi]	Max EIRP [dBm]	Max Output Power [mW]	Max EIRP [mW]
UNII-2A	802.11be	80	MCS0	58	5290	60 / 91 (Low)	SISO A	15.46	15.46	5.15	20.61	35.16	115.08
							SISO B	15.94	15.94		21.09	39.26	128.53
							MIMO A	14.81	14.81		19.96	30.27	99.08
							MIMO B	15.00	15.00		20.15	31.62	103.51
							Combined A+B	17.92	17.92		23.07	61.89	202.60
						60 / 92 (Mid)	SISO A	15.45	15.45		20.60	35.08	114.82
							SISO B	15.93	15.93		21.08	39.17	128.23
							MIMO A	14.74	14.74		19.89	29.79	97.50
							MIMO B	15.00	15.00		20.15	31.62	103.51
							Combined A+B	17.88	17.88		23.03	61.41	201.01

UNII-2C (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	Output Power [dBm]	Max Output Power [dBm]	Antenna Gain [dBi]	Max EIRP [dBm]	Max Output Power [mW]	Max EIRP [mW]
UNII-2C	802.11be	80	MCS0	122	5610	60 / 91 (Low)	SISO A	18.15	18.15	5.15	23.30	65.31	213.80
							SISO B	17.25	17.25		22.40	53.09	173.78
							MIMO A	17.77	17.77		22.92	59.84	195.88
							MIMO B	16.27	16.27		21.42	42.36	138.68
							Combined A+B	20.09	20.09		25.24	102.21	334.56
						60 / 92 (Mid)	SISO A	15.80	15.80		20.95	38.02	124.45
							SISO B	16.15	16.15		21.30	41.21	134.90
							MIMO A	16.19	16.19		21.34	41.59	136.14
							MIMO B	16.27	16.27		21.42	42.36	138.68
							Combined A+B	19.24	19.24		24.39	83.96	274.82
		160		114	140 / 97 (Low)	SISO A	16.18	16.18	21.33		41.50	135.83	
						SISO B	16.16	16.16	21.31		41.30	135.21	
						MIMO A	14.58	14.58	19.73		28.71	93.97	
						MIMO B	14.74	14.74	19.89		29.79	97.50	
						Combined A+B	17.67	17.67	22.82		58.49	191.47	
						120 / s95 (High)	SISO A	15.70	15.70		20.85	37.15	121.62
							SISO B	16.09	16.09		21.24	40.64	133.05
							MIMO A	14.52	14.52		19.67	28.31	92.68
							MIMO B	14.74	14.74		19.89	29.79	97.50
						Combined A+B	17.64	17.64	22.79		58.10	190.18	
					120 / 95 (Low)	SISO A	15.43	15.43	20.58		34.91	114.29	
						SISO B	15.92	15.92	21.07		39.08	127.94	
						MIMO A	14.27	14.27	19.42		26.73	87.50	
						MIMO B	14.43	14.43	19.58		27.73	90.78	
						Combined A+B	17.36	17.36	22.51		54.46	178.28	
					140 / s99 (High)	SISO A	16.29	16.29	21.44		42.56	139.32	
						SISO B	16.45	16.45	21.60		44.16	144.54	
						MIMO A	13.74	13.74	18.89		23.66	77.45	
						MIMO B	13.92	13.92	19.07		24.66	80.72	
						Combined A+B	16.84	16.84	21.99		48.32	158.17	

UNII-3 (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	Output Power [dBm]	Max Output Power [dBm]	Antenna Gain [dBi]	Max EIRP [dBm]	Max Output Power [mW]	Max EIRP [mW]
UNII-3	802.11be	80	MCS0	155	5775	60 / 92 (Mid)	SISO A	15.24	15.24	5.15	20.39	33.42	109.40
							SISO B	15.18	15.18		20.33	32.96	107.89
							MIMO A	15.09	15.09		20.24	32.28	105.68
							MIMO B	15.05	15.05		20.20	31.99	104.71
							Combined A+B	18.08	18.08		23.23	64.27	210.39
						60 / 91 (Low)	SISO A	14.78	14.78		19.93	30.06	98.40
							SISO B	15.14	15.14		20.29	32.66	106.91
							MIMO A	14.64	14.64		19.79	29.11	95.28
							MIMO B	15.09	15.09		20.24	32.28	105.68
							Combined A+B	17.88	17.88		23.03	61.39	200.96

UNII-4 (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	Output Power [dBm]	Max Output Power [dBm]	Antenna Gain [dBi]	Max EIRP [dBm]	Max Output Power [mW]	Max EIRP [mW]
UNII-4	802.11be	160	MCS0	163	5815	120 / 95 (Low)	SISO A	15.19	15.19	5.15	20.34	33.04	108.14
							SISO B	15.27	15.27		20.42	33.65	110.15
							MIMO A	14.21	14.21		19.36	26.36	86.30
							MIMO B	14.40	14.40		19.55	27.54	90.16
							Combined A+B	17.32	17.32		22.47	53.91	176.45
						120 / s95 (High)	SISO A	14.64	14.64		19.79	29.11	95.28
							SISO B	14.72	14.72		19.87	29.65	97.05
							MIMO A	15.60	15.60		20.75	36.31	118.85
							MIMO B	15.68	15.68		20.83	36.98	121.06
							Combined A+B	18.65	18.65		23.80	73.29	239.91
						140 / 97 (Low)	SISO A	14.79	14.79		19.94	30.13	98.63
							SISO B	14.72	14.72		19.87	29.65	97.05
							MIMO A	14.72	14.72		19.87	29.65	97.05
							MIMO B	14.89	14.89		20.04	30.83	100.93
							Combined A+B	17.82	17.82		22.97	60.48	197.98
						140 / s99 (High)	SISO A	14.82	14.82		19.97	30.34	99.31
							SISO B	14.95	14.95		20.10	31.26	102.33
							MIMO A	14.54	14.54		19.69	28.44	93.11
							MIMO B	14.66	14.66		19.81	29.24	95.72
							Combined A+B	17.61	17.61		22.76	57.69	188.83

Maximum Power Spectral Density (PSD)**UNII-1 (FCC & ISSED)**

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	PSD [dBm/ MHz]	Max ⁽¹⁾ PSD [dBm/M Hz]	Antenna Gain [dBi]	Max ⁽¹⁾ PSD EIRP [dBm/M Hz]
UNII-1	802.11be	80	MC SO	42	5210	60 / 91 (Low)	SISO A	-0.99	-0.99	5.15	4.16
							SISO B	-0.66	-0.66		4.49
							MIMO A	-2.21	-2.21		2.94
							MIMO B	-2.32	-2.32		2.83
							Combined A+B	0.75	0.75		5.90
						60 / 92 (Mid)	SISO A	-0.97	-0.97		4.18
							SISO B	-0.58	-0.58		4.57
							MIMO A	-1.79	-1.79		3.36
							MIMO B	-1.68	-1.68		3.47
							Combined A+B	1.28	1.28		6.43
		160		50	120 / 95 (Low)	SISO A	-4.10	-4.10	1.05		
						SISO B	-3.68	-3.68	1.47		
						MIMO A	-4.87	-4.87	0.28		
						MIMO B	-4.45	-4.45	0.70		
						Combined A+B	-1.64	-1.64	3.51		
					120 / s95 (High)	SISO A	-3.78	-3.78	1.37		
						SISO B	-3.25	-3.25	1.90		
						MIMO A	-4.58	-4.58	0.57		
						MIMO B	-4.42	-4.42	0.73		
						Combined A+B	-1.49	-1.49	3.66		
				140 / s99 (High)	SISO A	-5.84	-5.84	-0.69			
					SISO B	-5.44	-5.44	-0.29			
					MIMO A	-5.64	-5.64	-0.49			
					MIMO B	-5.43	-5.43	-0.28			
					Combined A+B	-2.52	-2.52	2.63			
				140 / 97 (Low)	SISO A	-5.43	-5.43	-0.28			
					SISO B	-5.36	-5.36	-0.21			
					MIMO A	-5.38	-5.38	-0.23			
					MIMO B	-5.03	-5.03	0.12			
					Combined A+B	-2.19	-2.19	2.96			

UNII-2A (FCC & ISED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	PSD [dBm/MHz]	Max ⁽¹⁾ PSD [dBm/MHz]	Antenna Gain [dBi]	Max ⁽¹⁾ PSD EIRP [dBm/MHz]
UNII-2A	802.11be	80	MCS0	58	5290	60 / 91 (Low)	SISO A	-0.98	-0.98	5.15	4.17
							SISO B	-0.69	-0.69		4.46
							MIMO A	-1.78	-1.78		3.37
							MIMO B	-1.54	-1.54		3.61
							Combined A+B	1.35	1.35		6.50
						60 / 92 (Mid)	SISO A	-1.16	-1.16		3.99
							SISO B	-0.74	-0.74		4.41
							MIMO A	-1.68	-1.68		3.47
							MIMO B	-1.50	-1.50		3.65
							Combined A+B	1.42	1.42		6.57

UNII-2C (FCC & ISED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	PSD [dBm/MHz]	Max ⁽¹⁾ PSD [dBm/MHz]	Antenna Gain [dBi]	Max ⁽¹⁾ PSD EIRP [dBm/MHz]
UNII-2C	802.11be	80	MCS0	122	5610	60 / 91 (Low)	SISO A	1.61	1.61	5.15	6.76
							SISO B	0.58	0.58		5.73
							MIMO A	1.21	1.21		6.36
							MIMO B	-0.12	-0.12		5.03
							Combined A+B	3.61	3.61		8.76
						60 / 92 (Mid)	SISO A	-0.86	-0.86		4.29
							SISO B	-0.69	-0.69		4.46
							MIMO A	-0.36	-0.36		4.79
							MIMO B	-0.28	-0.28		4.87
							Combined A+B	2.69	2.69		7.84
		160		114	5570	140 / 97 (Low)	SISO A	-3.91	-3.91		1.24
							SISO B	-3.31	-3.31		1.84
							MIMO A	-4.96	-4.96		0.19
							MIMO B	-4.76	-4.76		0.39
							Combined A+B	-1.85	-1.85		3.30
						120 / s95 (High)	SISO A	-3.40	-3.40		1.75
							SISO B	-3.07	-3.07		2.08
							MIMO A	-4.98	-4.98		0.17
							MIMO B	-4.75	-4.75		0.40
							Combined A+B	-1.85	-1.85		3.30
					120 / 95 (Low)	SISO A	-4.11	-4.11	1.04		
						SISO B	-4.05	-4.05	1.10		
						MIMO A	-5.64	-5.64	-0.49		
						MIMO B	-5.40	-5.40	-0.25		
						Combined A+B	-2.51	-2.51	2.64		
					140 / s99 (High)	SISO A	-4.58	-4.58	0.57		
						SISO B	-3.84	-3.84	1.31		
						MIMO A	-5.66	-5.66	-0.51		
						MIMO B	-5.49	-5.49	-0.34		
						Combined A+B	-2.56	-2.56	2.59		

UNII-3 (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Puncturing Config	Chain	PSD [dBm/500kHz]	Max ⁽¹⁾ PSD [dBm/500kHz]	Antenna Gain [dBi]	Max ⁽¹⁾ PSD EIRP [dBm/500kHz]
UNII-3	802.11b	80	MCS0	155	5775	60 / 92 (Mid)	SISO A	-4.99	-4.99	5.15	0.16
							SISO B	-4.94	-4.94		0.21
							MIMO A	-5.29	-5.29		-0.14
							MIMO B	-4.93	-4.93		0.22
							Combined A+B	-2.10	-2.10		3.05
						60 / 91 (Low)	SISO A	-4.87	-4.87		0.28
							SISO B	-4.90	-4.90		0.25
							MIMO A	-4.89	-4.89		0.26
							MIMO B	-4.93	-4.93		0.22
							Combined A+B	-1.90	-1.90		3.25

UNII-4 (FCC & ISSED)

Band	Mode	BW [MHz]	Rate	Channel	Freq. [MHz]	Punct. Config	Chain	PSD [dBm/500k Hz]	Max ⁽¹⁾ PSD [dBm/500k Hz]	Max ⁽¹⁾ PSD [dBm/M Hz]	Ant. Gain [dBi]	Max ⁽¹⁾ PSD EIRP [dBm/MHz]
UNII-4	802.11be	160	MCS 0	163	5815	120 / 95 (Low)	SISO A	-7.88	-7.88	-4.87	5.15	0.28
							SISO B	-7.81	-7.81	-4.80		0.35
							MIMO A	-8.89	-8.89	-5.88		-0.73
							MIMO B	-8.71	-8.71	-5.70		-0.55
							Combined A+B	-5.79	-5.79	-2.78		2.37
						120 / s95 (High)	SISO A	-7.50	-7.50	-4.49		0.66
							SISO B	-8.42	-8.42	-5.41		-0.26
							MIMO A	-7.56	-7.56	-4.55		0.60
							MIMO B	-7.47	-7.47	-4.46		0.69
							Combined A+B	-4.50	-4.50	-1.49		3.66
						140 / 97 (Low)	SISO A	-8.97	-8.97	-5.96		-0.81
							SISO B	-9.09	-9.09	-6.08		-0.93
							MIMO A	-9.04	-9.04	-6.03		-0.88
							MIMO B	-8.91	-8.91	-5.90		-0.75
							Combined A+B	-5.96	-5.96	-2.95		2.20
						140 / s99 (High)	SISO A	-8.92	-8.92	-5.91		-0.76
							SISO B	-8.79	-8.79	-5.78		-0.63
							MIMO A	-9.22	-9.22	-6.21		-1.06
							MIMO B	-9.14	-9.14	-6.13		-0.98
							Combined A+B	-6.17	-6.17	-3.16		1.99

Note :PSD [dBm/500KHz] is the actual measurement done using RBW = 500KHz.

To obtain the PSD [dBm/1MHz] a correction factor is applied: $10\log\left(\frac{1\text{MHz}}{500\text{kHz}}\right) = +3.01\text{dB}$

B.2.3 Undesirable emission limits: out of band (Conducted)

Test limits

Applicable to UNII-1 & UNII-2a channels:

FCC part	RSS Clause	Limits																				
15.407 (b) (1)	RSS-247 Clause 7.3.1.3	For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.																				
15.407 (b) (2)	RSS-247 Clause 7.3.2.3	For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.																				
15.209	RSS-GEN A1, Clause 8.9	Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a):																				
		<table><tr><th>Freq Range (MHz)</th><th>Field Strength (µV/m)</th><th>Field Strength (dBµV/m)</th><th>Meas. Distance (m)</th></tr><tr><td>30-88</td><td>100</td><td>40</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>43.5</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>46</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>54</td><td>3</td></tr></table>	Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
		Freq Range (MHz)	Field Strength (µV/m)	Field Strength (dBµV/m)	Meas. Distance (m)																	
		30-88	100	40	3																	
		88-216	150	43.5	3																	
		216-960	200	46	3																	
Above 960	500	54	3																			
The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.																						

Applicable to UNII-2c channels:

FCC part	RSS Clause	Limits																				
15.407 (b) (3)	RSS-247 Clause 7.3.3.3	For transmitters operating in the 5.47–5.725 GHz band: all emissions outside of the 5.47–5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.																				
15.209	RSS-GEN A1, Clause 8.9	Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a): <table><tr><th>Freq Range (MHz)</th><th>Field Strength (μV/m)</th><th>Field Strength (dBμV/m)</th><th>Meas. Distance (m)</th></tr><tr><td>30-88</td><td>100</td><td>40</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>43.5</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>46</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>54</td><td>3</td></tr></table> The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector. For average radiated emission measurements above 1000 MHz, there is also a limit specified when measuring with peak detector function, corresponding to 20 dB above the indicated values in the table.	Freq Range (MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Meas. Distance (m)	30-88	100	40	3	88-216	150	43.5	3	216-960	200	46	3	Above 960	500	54	3
Freq Range (MHz)	Field Strength (μV/m)	Field Strength (dBμV/m)	Meas. Distance (m)																			
30-88	100	40	3																			
88-216	150	43.5	3																			
216-960	200	46	3																			
Above 960	500	54	3																			

Applicable to UNII-3 channels:

FCC part	RSS-247	Limits
15.407 (b) (4)	Clause 7.3.4.3	For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly

		to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
--	--	---

Applicable to UNII-4 channels:

FCC part	RSS-247	Limits
15.407 (b) (4)	Clause 7.3.5.3	All emissions below 5.725 GHz shall not exceed an e.i.r.p of -27 dBm/MHz at 5.65GHz increasing linearly to 10dBm/MHz at 5.7 GHz, and from 5.7GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72GHz, and from 5.72 GHz increasing linearly to a level of 27dBm/MHz at 5.725GHz.
15.407 (b) (5) (ii)	Clause 7.3.5.3	All emissions at or above 5.895GHz shall not exceed an e.i.r.p of -5dBm/MHz and shall decrease linearly to an e.i.r.p of -27dBm/MHz at or above 5.925GHz.
15.35 (b)	-	Unless otherwise specified, on any frequency or frequencies above 1000 MHz, the radiated emission limits are based on the use of measurement instrumentation employing an average detector function. Unless otherwise specified, measurements above 1000 MHz shall be performed using a minimum resolution bandwidth of 1 MHz. When average radiated emission measurements are specified in this part, including average emission measurements below 1000 MHz, there also is a limit on the peak level of the radio frequency emissions. Unless otherwise specified, e.g., see §§ 15.250, 15.252, 15.253(d), 15.255, 15.256, and 15.509 through 15.519, the limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device, e.g., the total peak power level. Note that the use of a pulse desensitization correction factor may be needed to determine the total peak emission level. The instruction manual or application note for the measurement instrument should be consulted for determining pulse desensitization factors, as necessary.

Test procedure

The conducted setup shown in section A.1 was used to measure undesirable emissions on the out of band domain. The antenna terminal of the EUT is connected to the spectrum analyzer through an attenuator, and the spectrum analyzer reading is compensated to include the RF path loss and the declared antenna gain.

Both lower and upper side of the out of band were performed using the integration method as defined in the out of band measurements section (paragraph II.G.3.d) of FCC OET KDB 789033 D02

In case of out of band measurements falling in restricted bands, the declared antenna gain is also compensated in the graph.

For out of band measurements falling in restricted bands, the following limits in dBm were applied for the average detector after the conversion from the limits detailed above in dBµV/m, according to FCC 47 CFR part 15 - Subpart C – §15.209(a). The limits in dBm for peak detector are 20dB above the indicated values in the table.

For UNII-4: For lower OOB, Peak detector is used according to FCC OET KDB 789033 D02 v02r01.

For upper OOB, RMS detector is used according to FCC OET KDB 291074 D02 v01 - EMC Measurement

Integration method as described in KDB Publication 789033.3.d)(ii) can be used in order to optimize the power. In this report, the integration method is applied in the band 5895 - 5896MHz and compared with interpolation limit of curve (-5.367dBm/MHz EIRP) at 5895.5MHz.

Band Edge measurements above 5895 MHz should also include Peak plots to show compliance with 15.35(b) where the peak emissions must be limited to no more than 20 dB above the average limit.

The RBW is set to 100KHz according to the integration method, the applicable limit is updated accordingly (Shifted by 10dB)

§15.209(a)			Converted values	
Freq Range (MHz)	Distance (m)	Field strength (microvolts/meter)	Field strength (dB microvolts/meter)	Power (dBm)
Above 960	3	500	54.0	-41.2

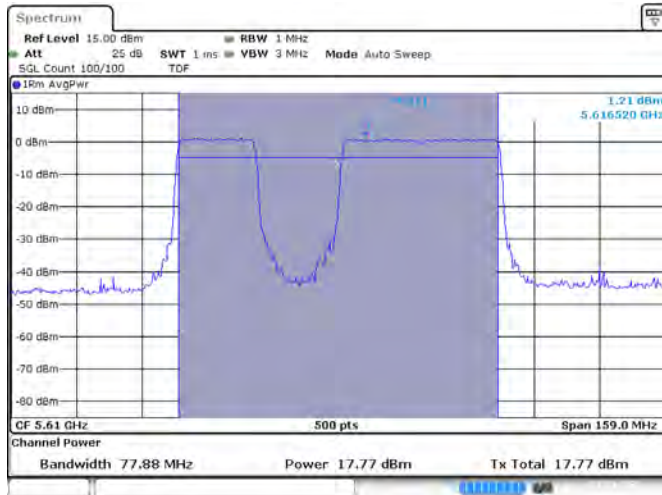
Note: The undesirable emission plots for the UNII-1/2/3 bands were generated using an antenna gain value of 5. dBi, while the maximum declared antenna gain is 5.15 dBi. For the UNII-4 band, the plots were generated using a gain value of 5.0 dBi, while the maximum declared antenna gain is 5.15 dBi. In both cases, sufficient compliance margin is maintained to ensure compliance when considering the maximum declared antenna gain.

See Section C.1.2 for the screenshot results.

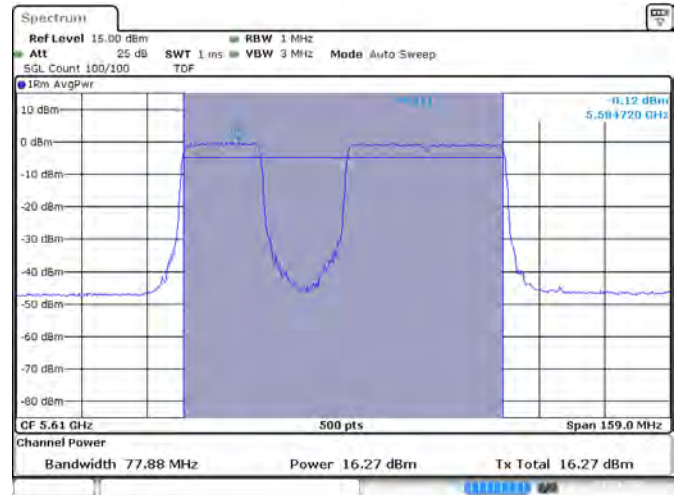
Annex C. System Plots

C.1.1 Maximum Output Power & Maximum power spectral Density

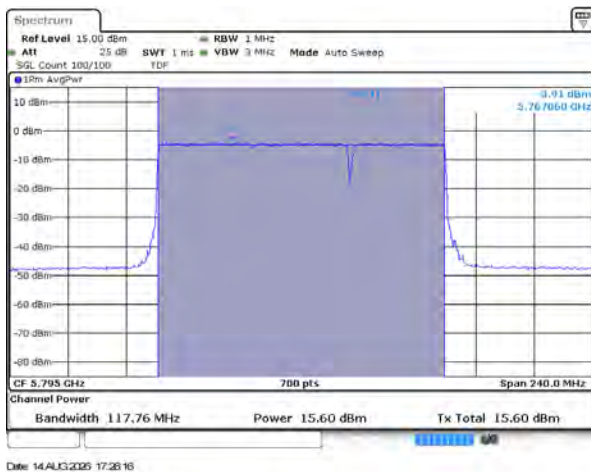
UNII-1-2A-2C-3-4



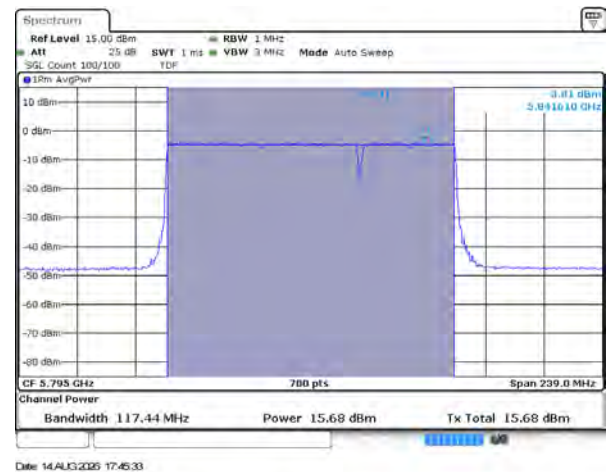
UNII-2C MIMO A 802.11be80 CH122 MRU60/91 5610MHz



UNII-2C MIMO B 802.11be80 CH122 MRU60/91 5610MHz



UNII-4 MIMO A 802.11be160 CH163 MRU120/s95 5815MHz*

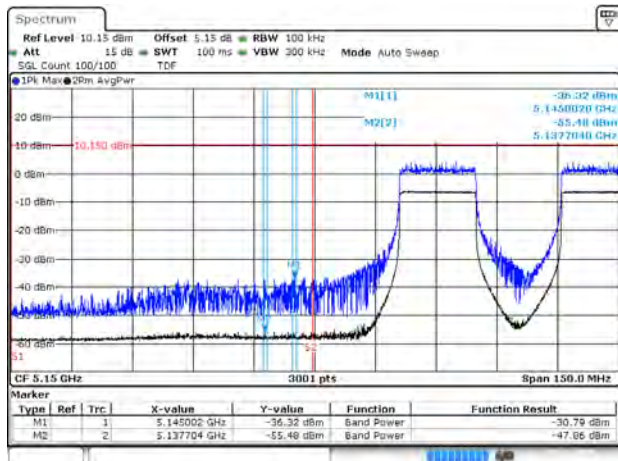


UNII-4 MIMO B 802.11be160 CH163 MRU120/s95 5815MHz*

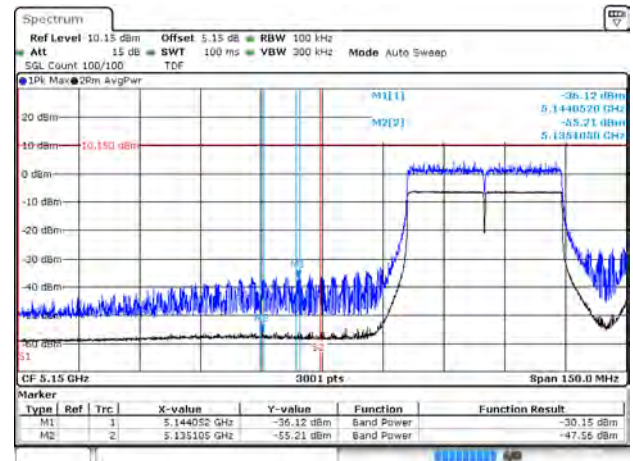
*Due to the nature of this specific Channel Puncturing configuration, the center frequency for the plot has been offset by -20MHz to comply with the 99% BW integration requirement for Channel Power in accordance to ANSI C63.10 Section 12.4.2.2 Method SA-1

C.1.2 Undesirable emission limits: out of band (Conducted)

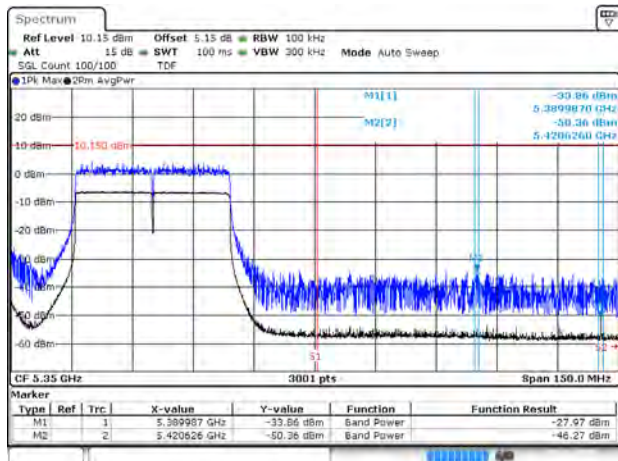
UNII-1-2A-2C-3



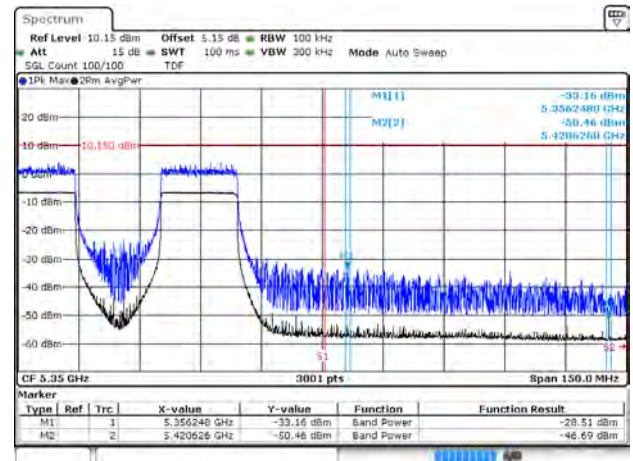
BE-R-LOW, SISO-A, 802.11be80-MCS0, Ch42, MRU60-91



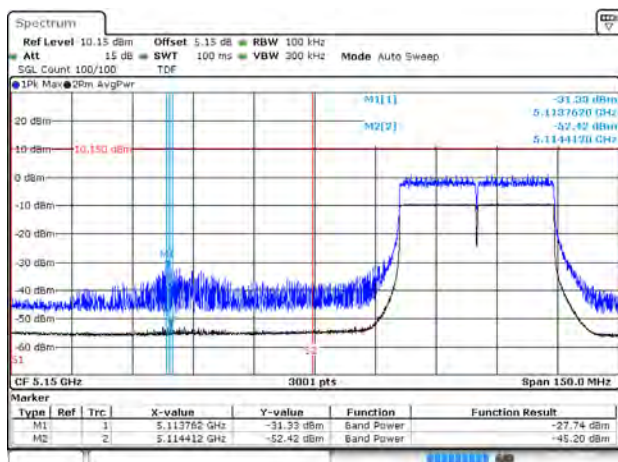
BE-R-LOW, SISO-A, 802.11be80-MCS0, Ch42, MRU60-92



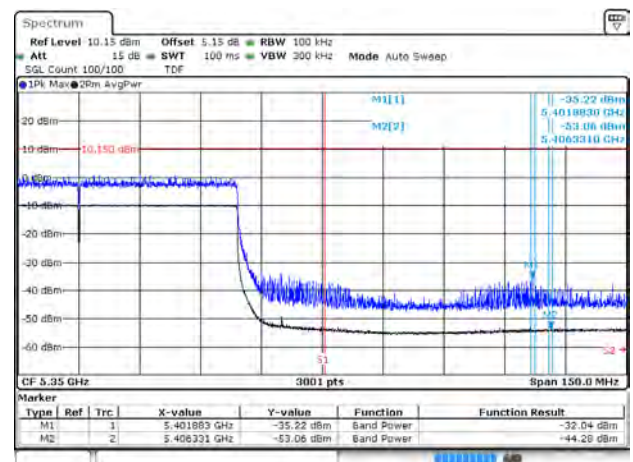
BE-R-HIGH, SISO-A, 802.11be80-MCS0, Ch58, MRU60-91



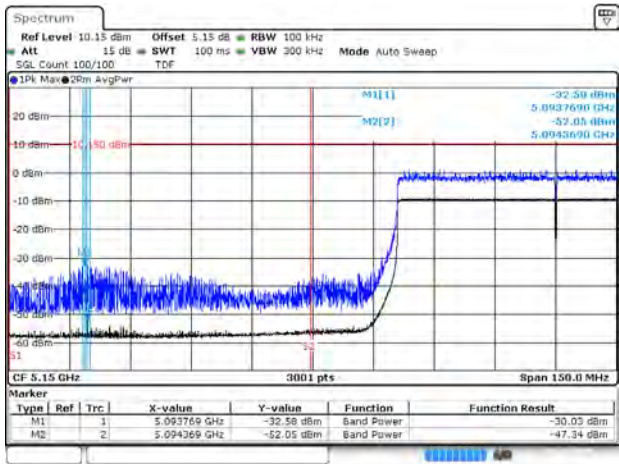
BE-R-HIGH, SISO-A, 802.11be80-MCS0, Ch58, MRU60-92



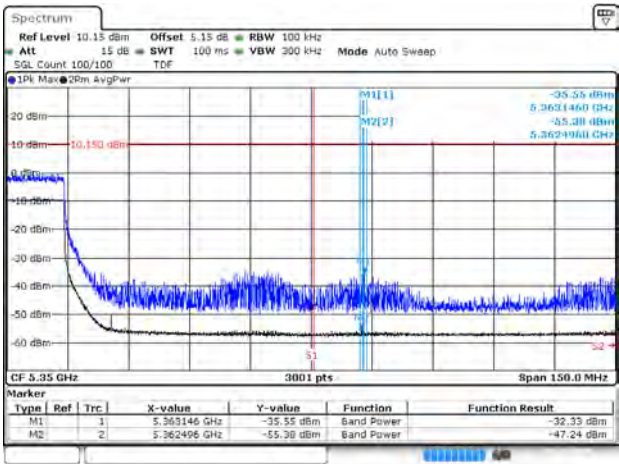
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch50, MRU120-95



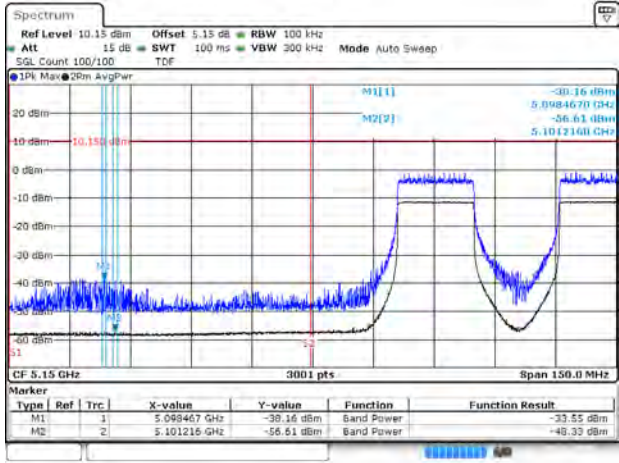
BE-R-HIGH, SISO-A, 802.11be160-MCS0, Ch50, MRU120-95



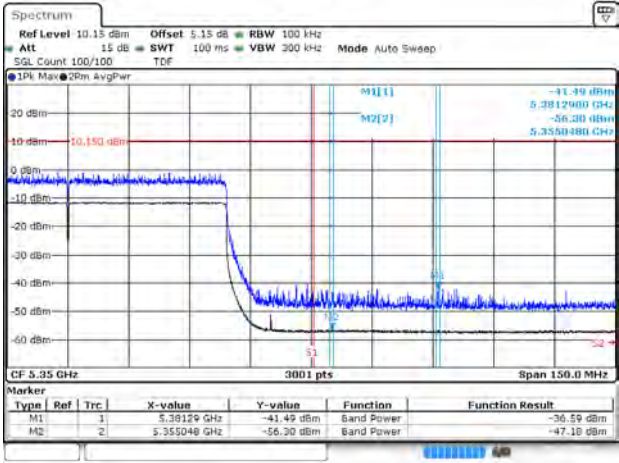
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch50, MRU120-s95



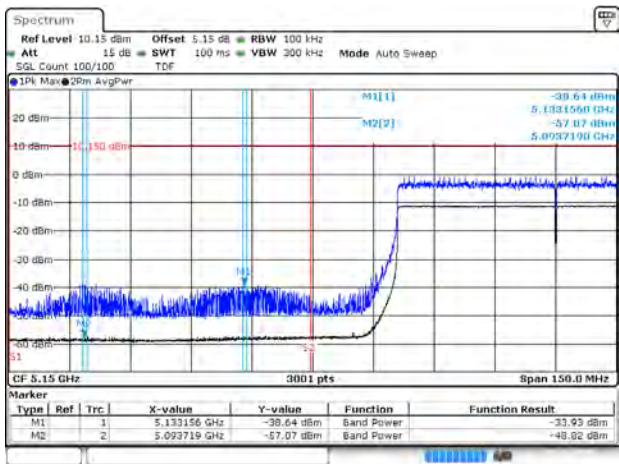
BE-R-HIGH, SISO-A, 802.11be160-MCS0, Ch50, MRU120-s95



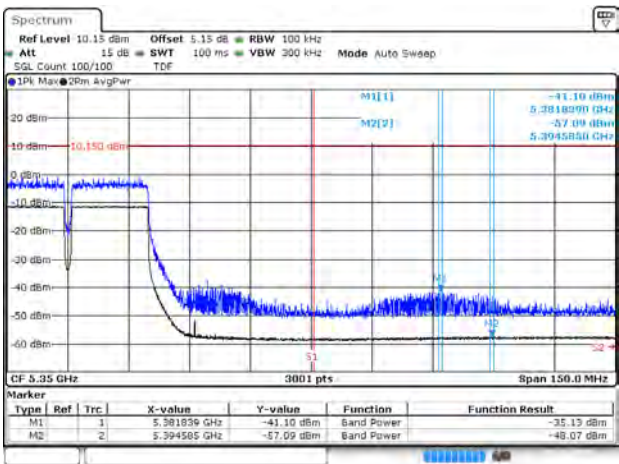
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch50, MRU140-97



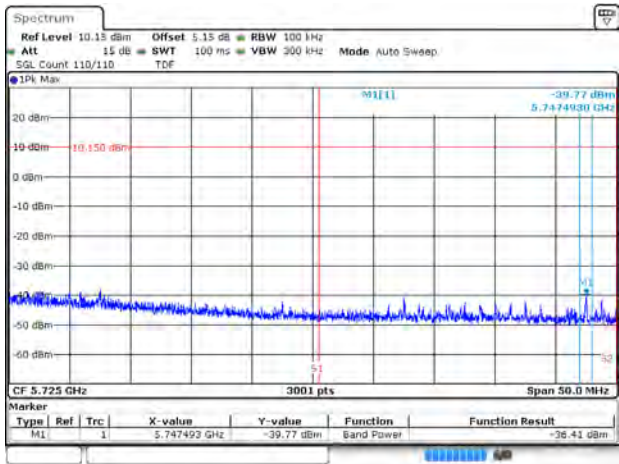
BE-R-HIGH, SISO-A, 802.11be160-MCS0, Ch50, MRU140-97



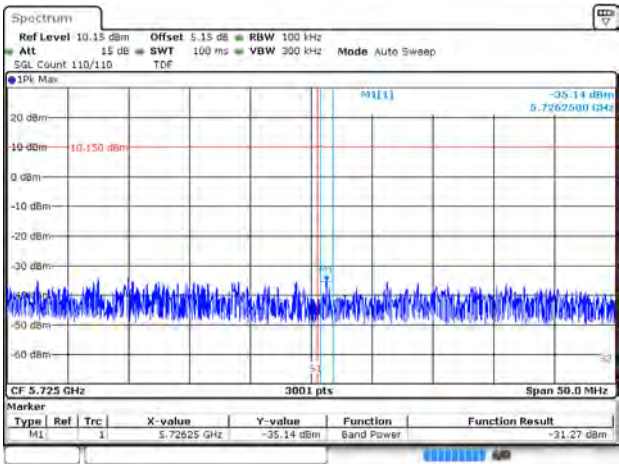
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch50, MRU140-s99



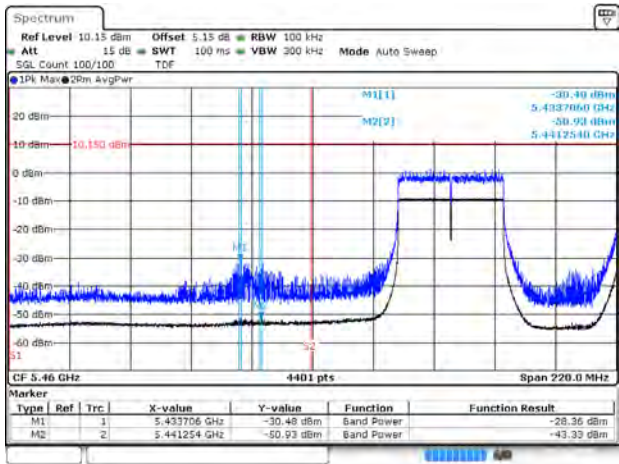
BE-R-HIGH, SISO-A, 802.11be160-MCS0, Ch50, MRU140-s99



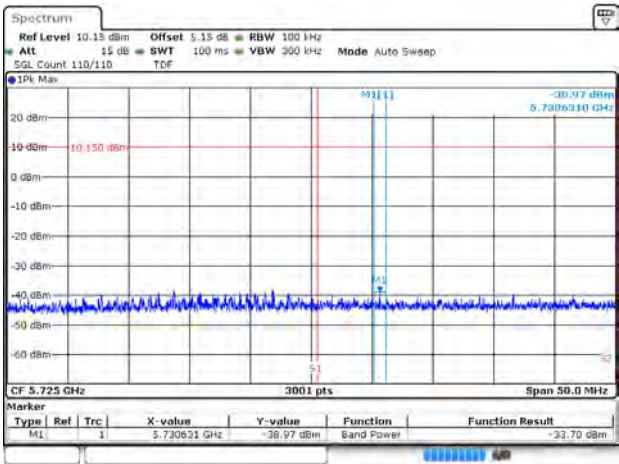
BE-NR-HIGH, SISO-A, 802.11be80-MCS0, Ch122, MRU60-91



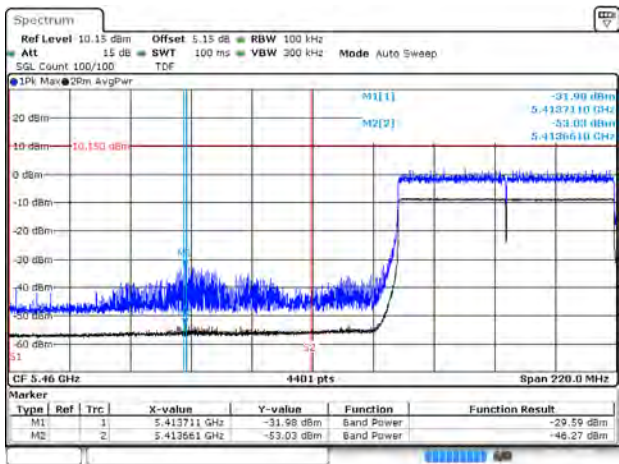
BE-NR-HIGH, SISO-A, 802.11be80-MCS0, Ch122, MRU60-92



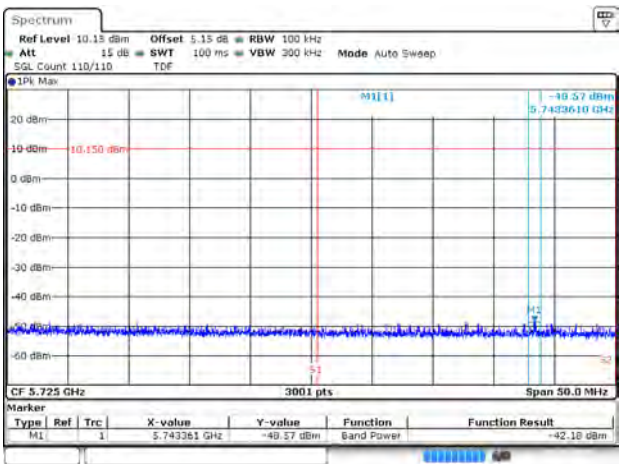
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch114, MRU120-95



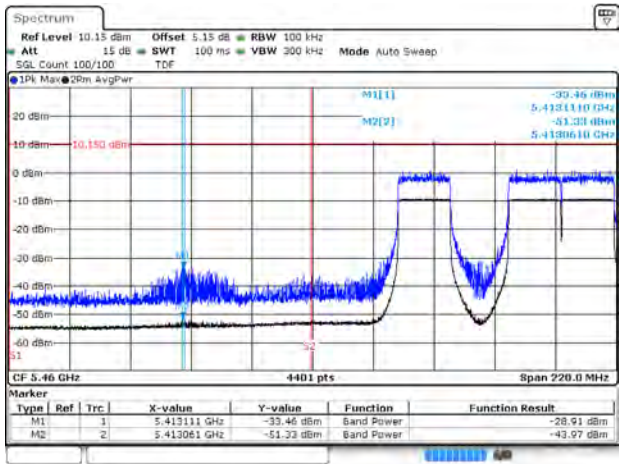
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch114, MRU120-95



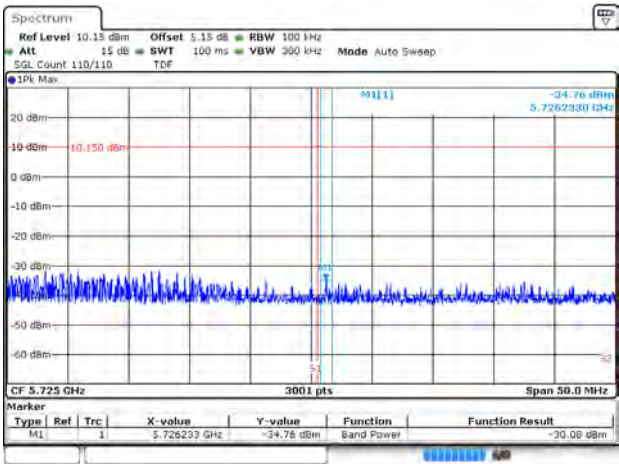
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch114, MRU120-s95



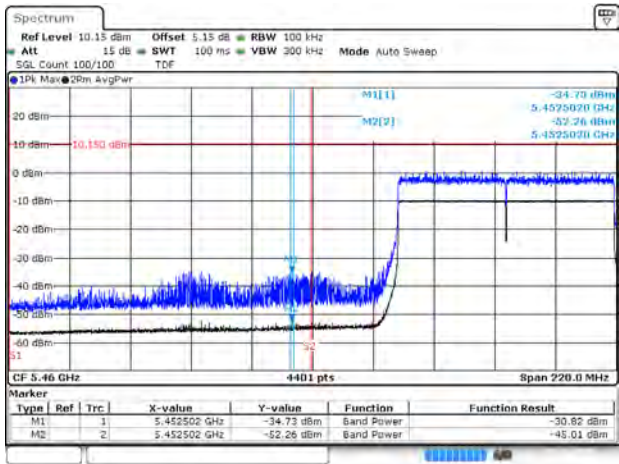
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch114, MRU120-s95



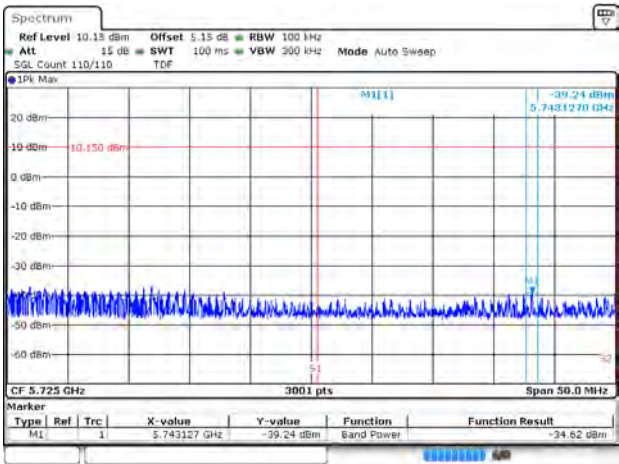
BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch114, MRU140-97



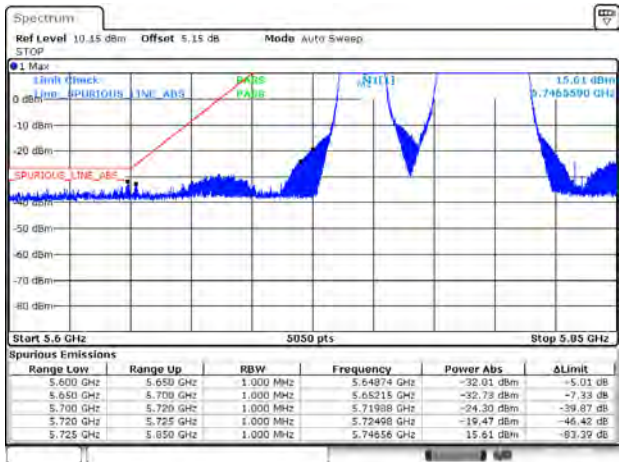
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch114, MRU140-97



BE-R-LOW, SISO-A, 802.11be160-MCS0, Ch114, MRU140-s99



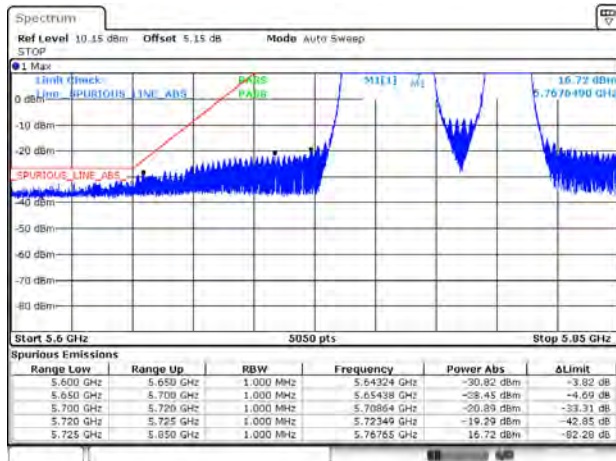
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch114, MRU140-s99



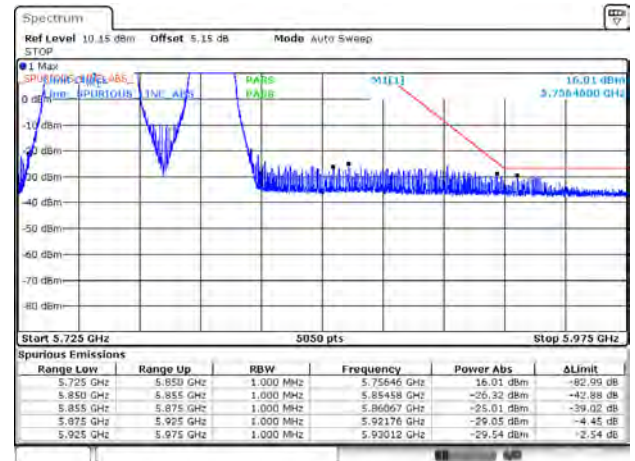
BE-NR-LOW, SISO-A, 802.11be80-MCS0, Ch155, MRU60-91



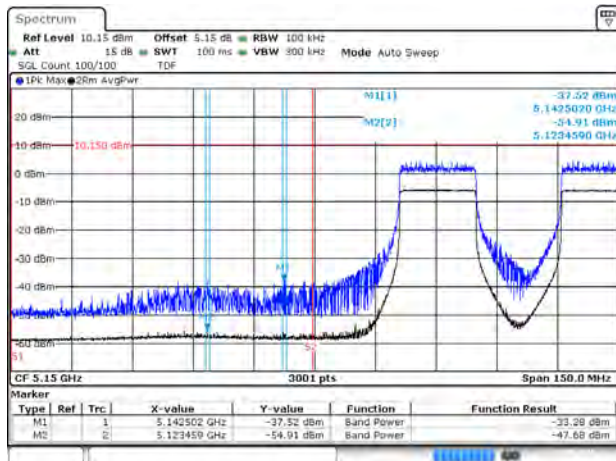
BE-NR-HIGH, SISO-A, 802.11be80-MCS0, Ch155, MRU60-91



BE-NR-LOW, SISO-A, 802.11be80-MCS0, Ch155, MRU60-92

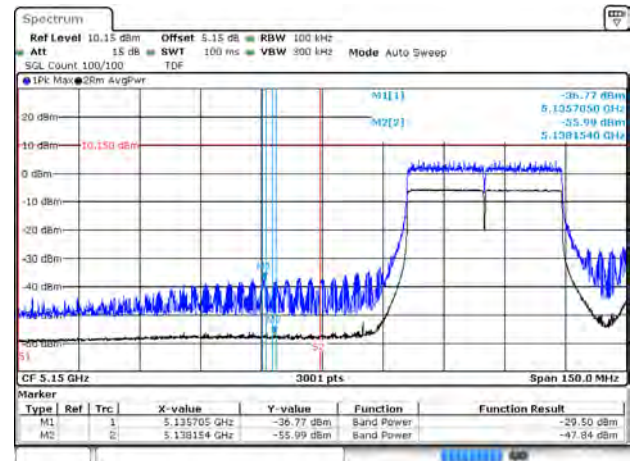


BE-NR-HIGH, SISO-A, 802.11be80-MCS0, Ch155, MRU60-92



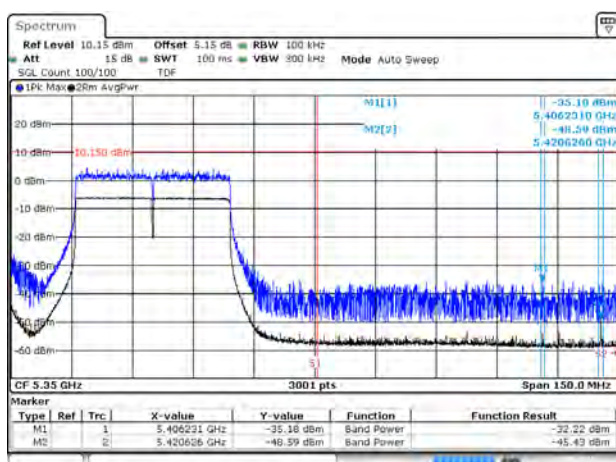
Date: 14.AUG.2023 14:32:52

BE-R-LOW, SISO-B, 802.11be80-MCS0, Ch42, MRU60-91



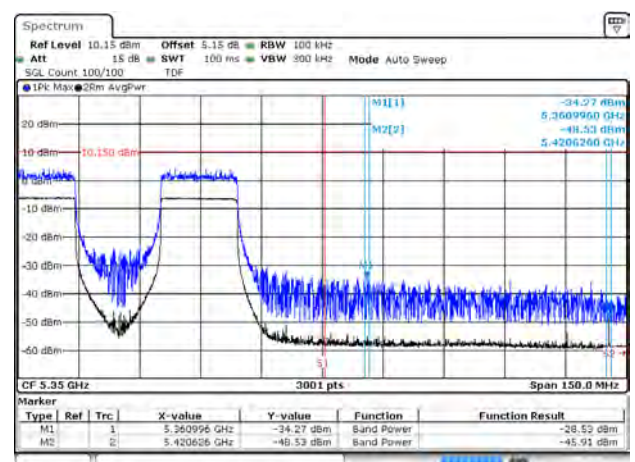
Date: 14.AUG.2023 14:33:39

BE-R-LOW, SISO-B, 802.11be80-MCS0, Ch42, MRU60-92



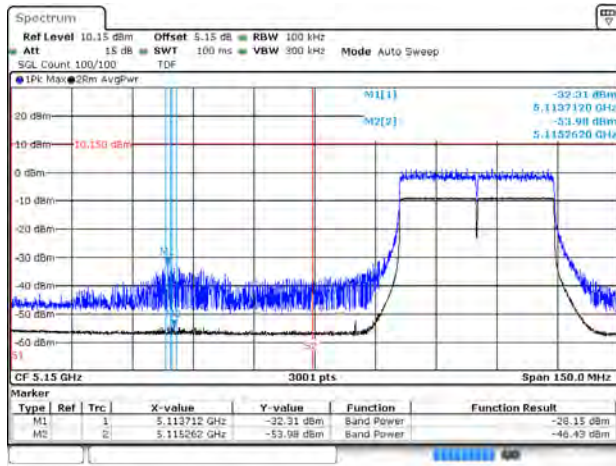
Date: 14.AUG.2023 14:34:25

BE-R-HIGH, SISO-B, 802.11be80-MCS0, Ch58, MRU60-91

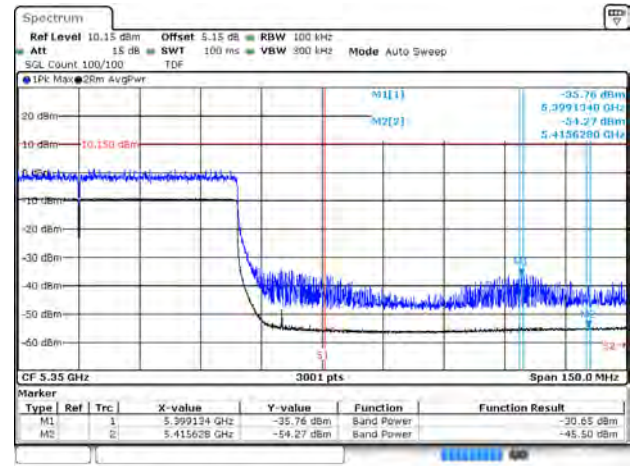


Date: 14.AUG.2023 14:35:14

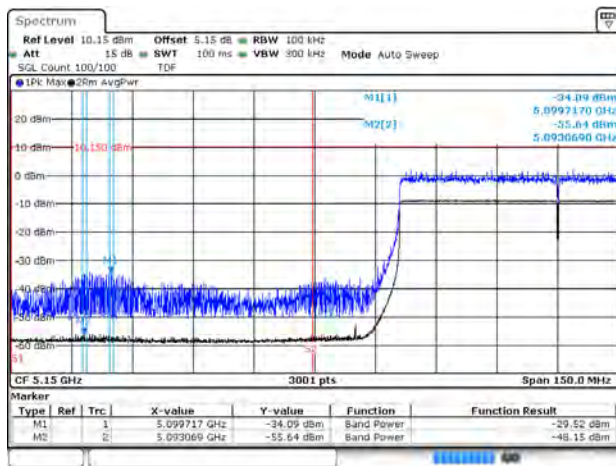
BE-R-HIGH, SISO-B, 802.11be80-MCS0, Ch58, MRU60-92



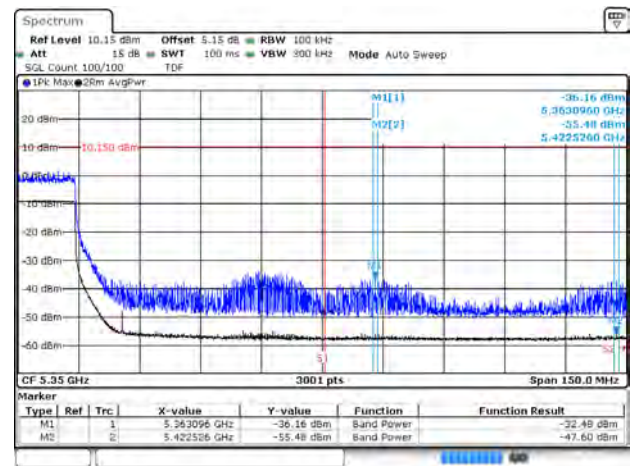
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch50, MRU120-95



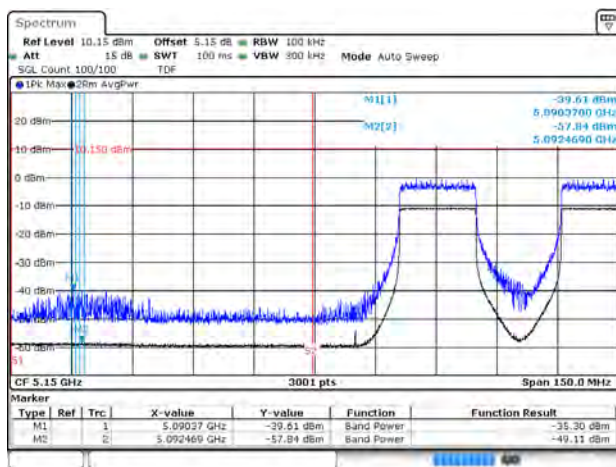
BE-R-HIGH, SISO-B, 802.11be160-MCS0, Ch50, MRU120-95



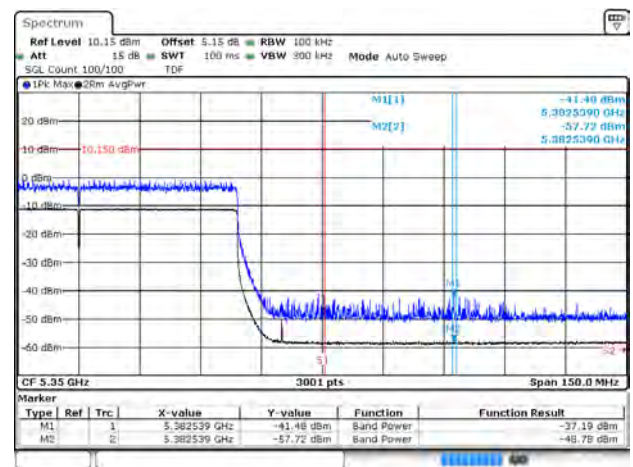
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch50, MRU120-s95



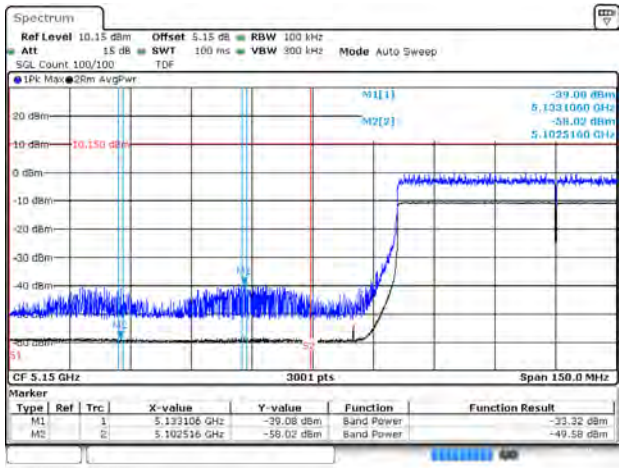
BE-R-HIGH, SISO-B, 802.11be160-MCS0, Ch50, MRU120-s95



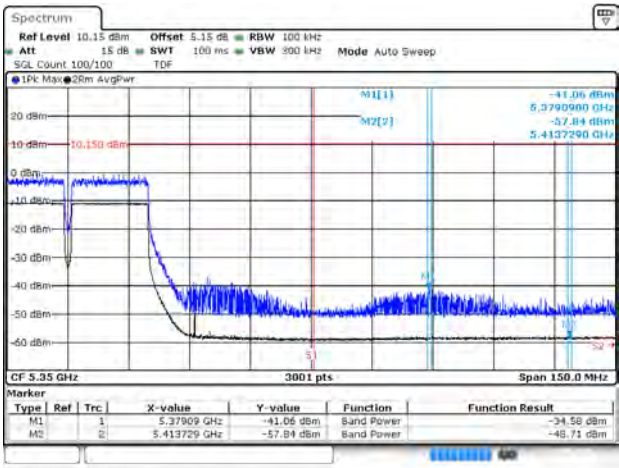
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch50, MRU140-97



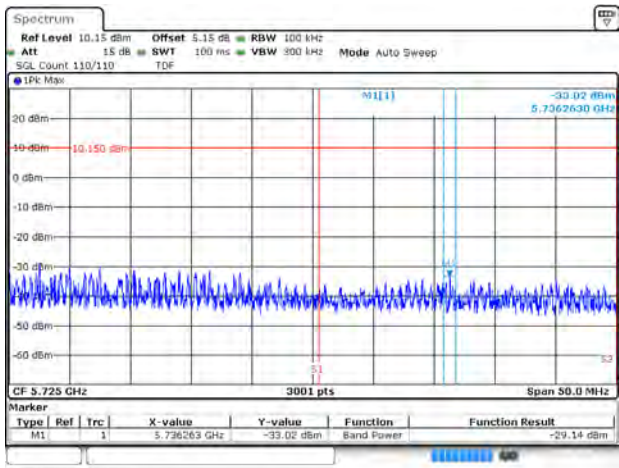
BE-R-HIGH, SISO-B, 802.11be160-MCS0, Ch50, MRU140-97



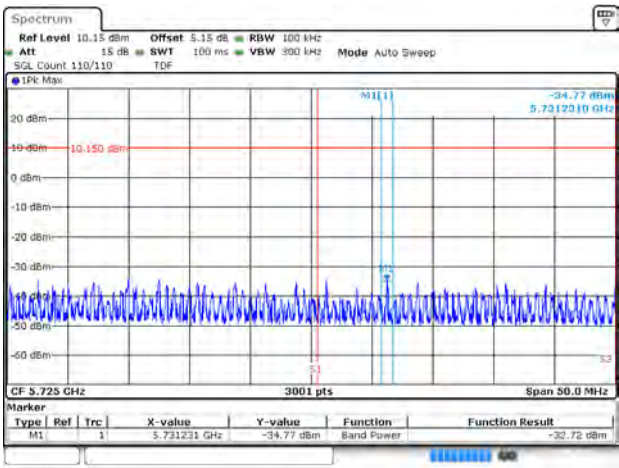
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch50, MRU140-s99



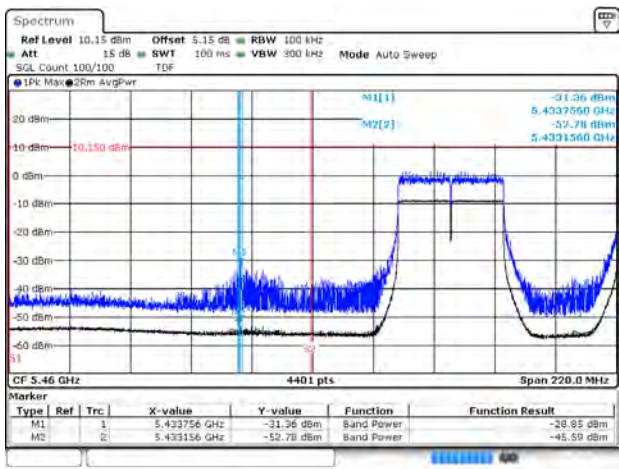
BE-R-HIGH, SISO-B, 802.11be160-MCS0, Ch50, MRU140-s99



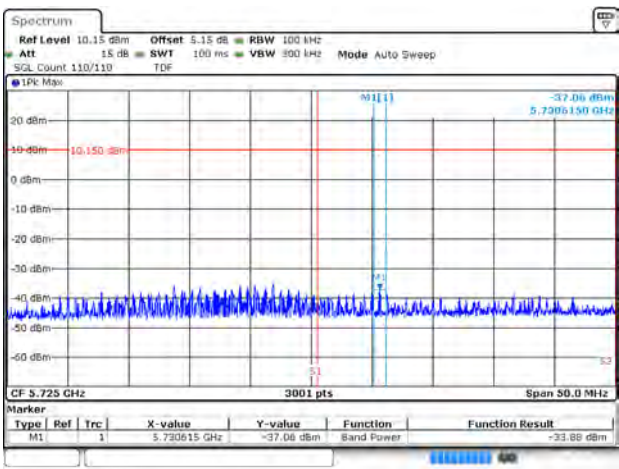
BE-NR-HIGH, SISO-B, 802.11be80-MCS0, Ch122, MRU60-91



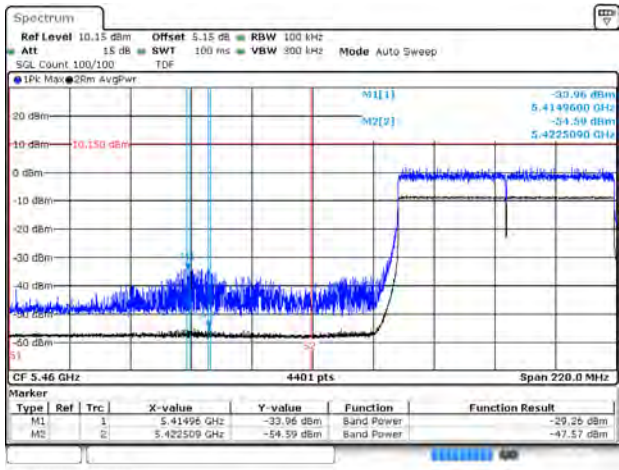
BE-NR-HIGH, SISO-B, 802.11be80-MCS0, Ch122, MRU60-92



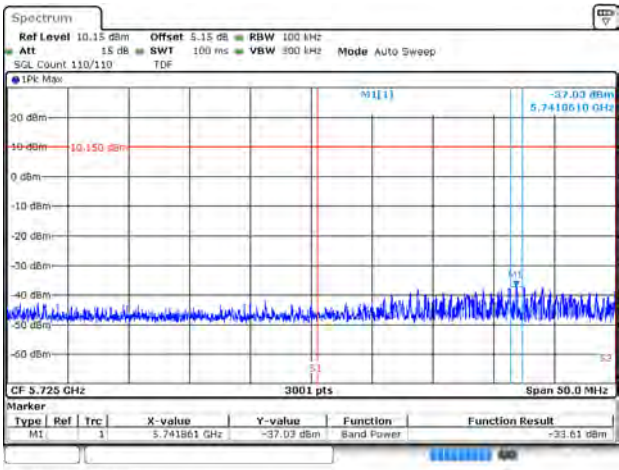
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch114, MRU120-95



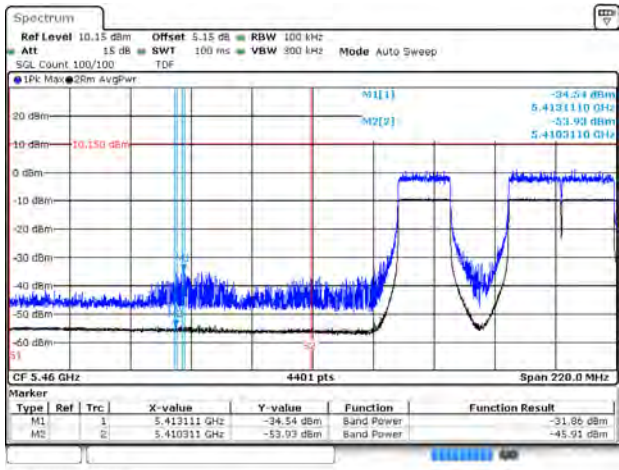
BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch114, MRU120-95



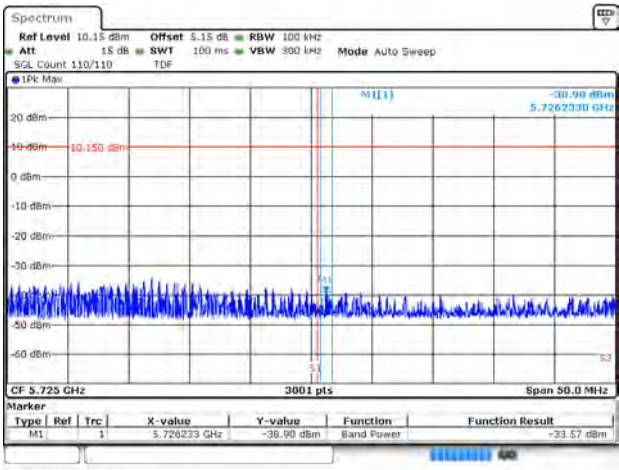
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch114, MRU120-s95



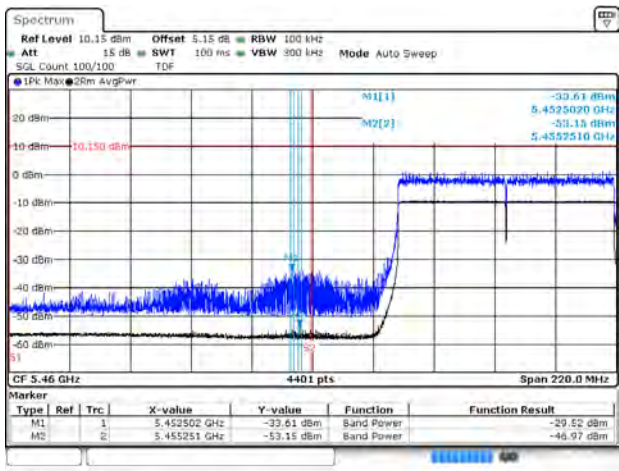
BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch114, MRU120-s95



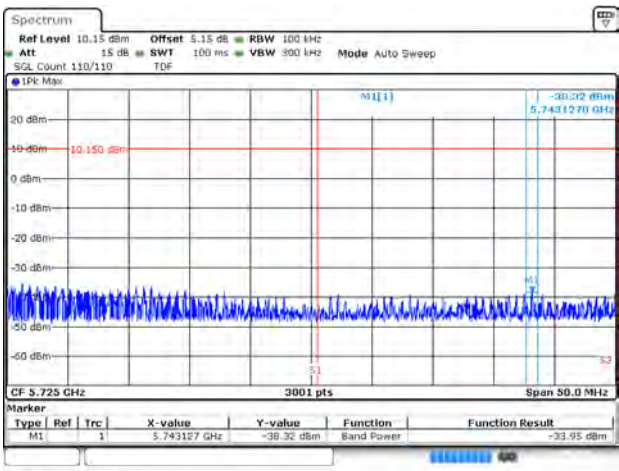
BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch114, MRU140-97



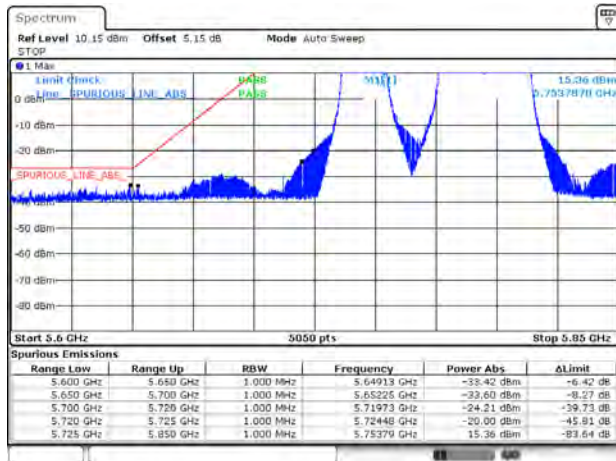
BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch114, MRU140-97



BE-R-LOW, SISO-B, 802.11be160-MCS0, Ch114, MRU140-s99



BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch114, MRU140-s99



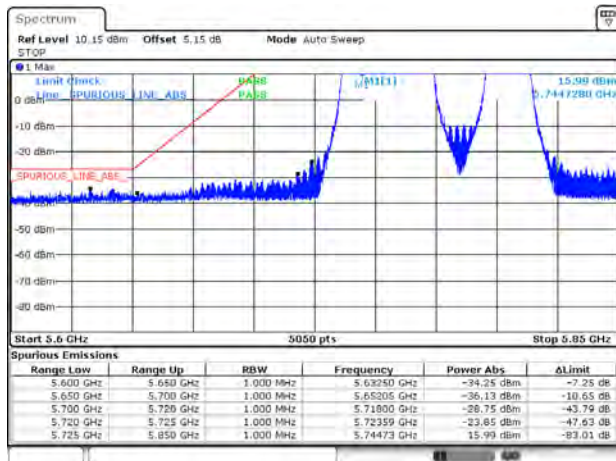
Date: 14.AUG.2018 14:47:04

BE-NR-LOW, SISO-B, 802.11be80-MCS0, Ch155, MRU60-91



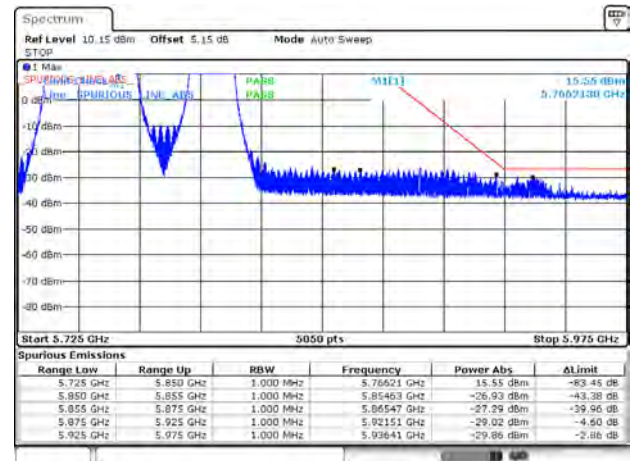
Date: 14.AUG.2018 14:47:17

BE-NR-HIGH, SISO-B, 802.11be80-MCS0, Ch155, MRU60-91



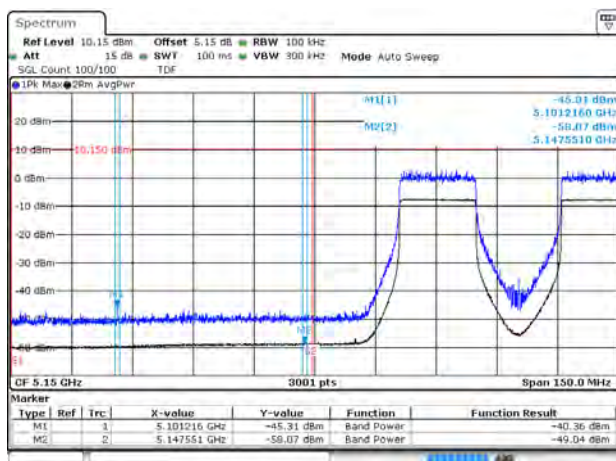
Date: 14.AUG.2018 14:48:17

BE-NR-LOW, SISO-B, 802.11be80-MCS0, Ch155, MRU60-92

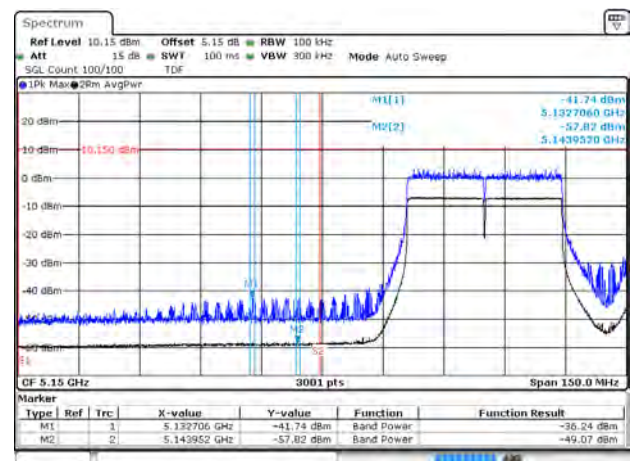


Date: 14.AUG.2018 14:49:31

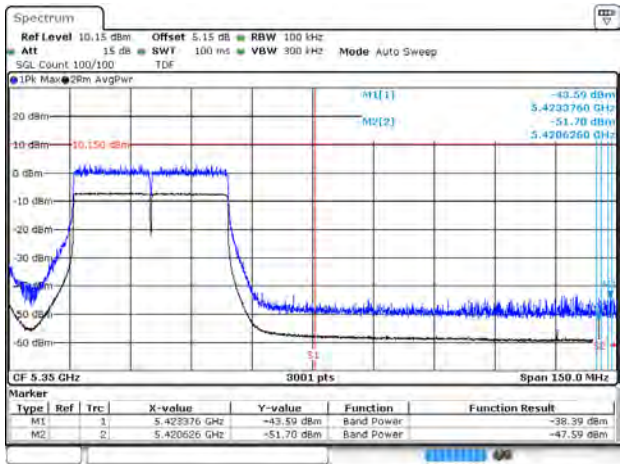
BE-NR-HIGH, SISO-B, 802.11be80-MCS0, Ch155, MRU60-92



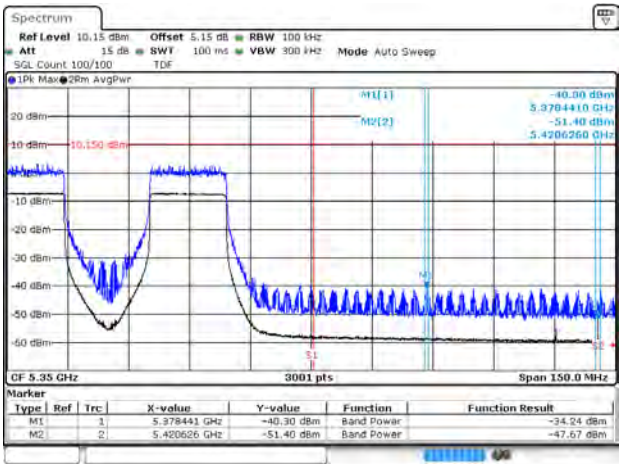
BE-R-LOW, MIMO-A, 802.11be80-MCS0, Ch42, MRU60-91



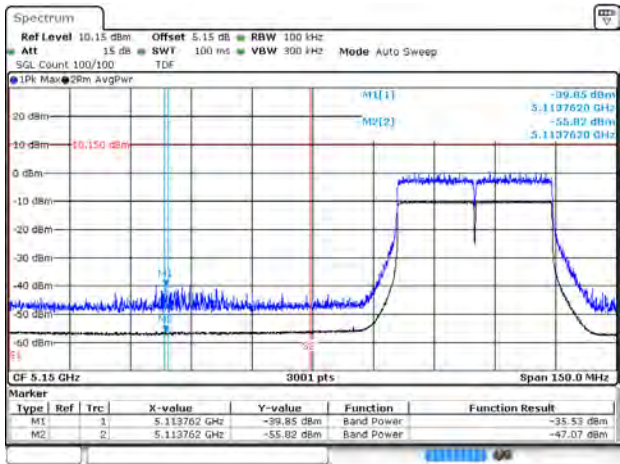
BE-R-LOW, MIMO-A, 802.11be80-MCS0, Ch42, MRU60-92



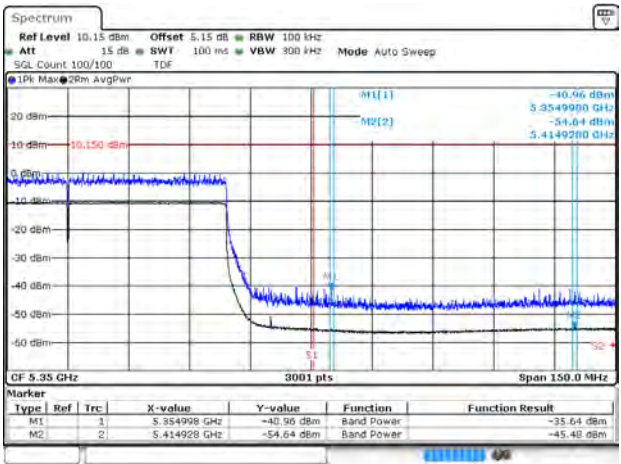
BE-R-HIGH, MIMO-A, 802.11be80-MCS0, Ch58, MRU60-91



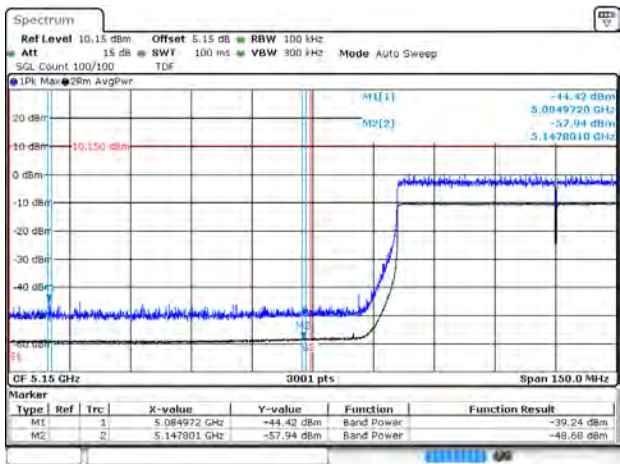
BE-R-HIGH, MIMO-A, 802.11be80-MCS0, Ch58, MRU60-92



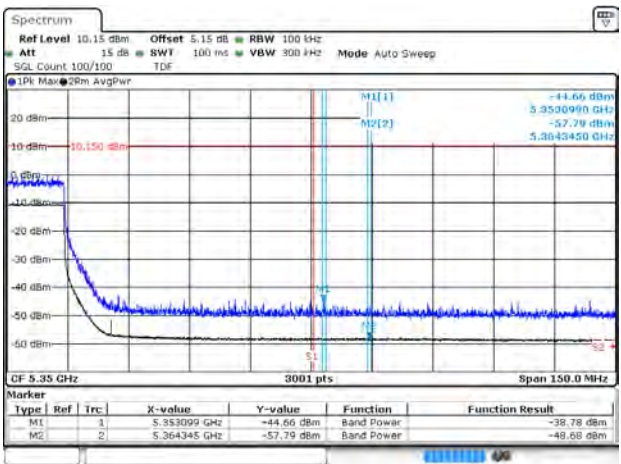
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch50, MRU120-95



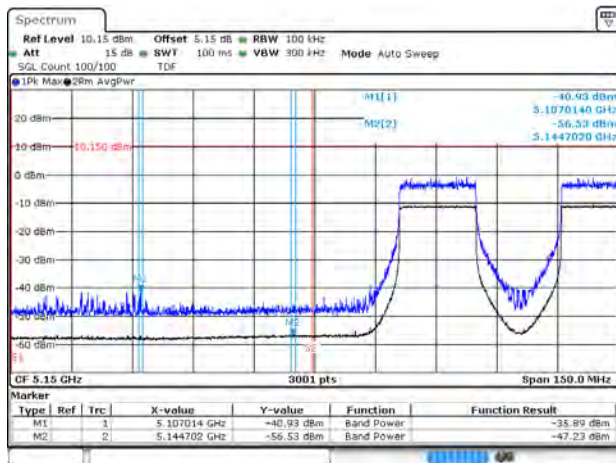
BE-R-HIGH, MIMO-A, 802.11be160-MCS0, Ch50, MRU120-95



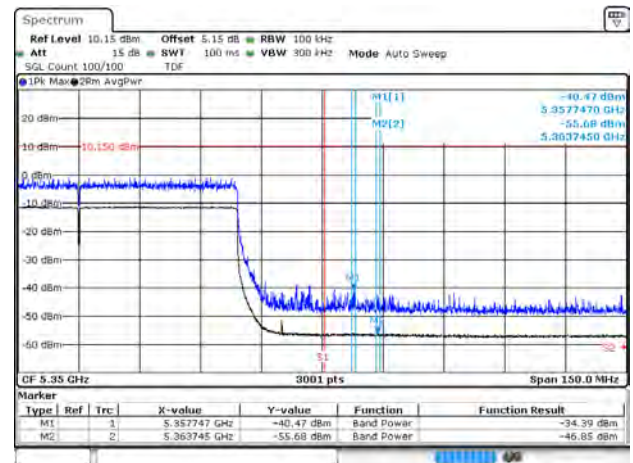
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch50, MRU120-s95



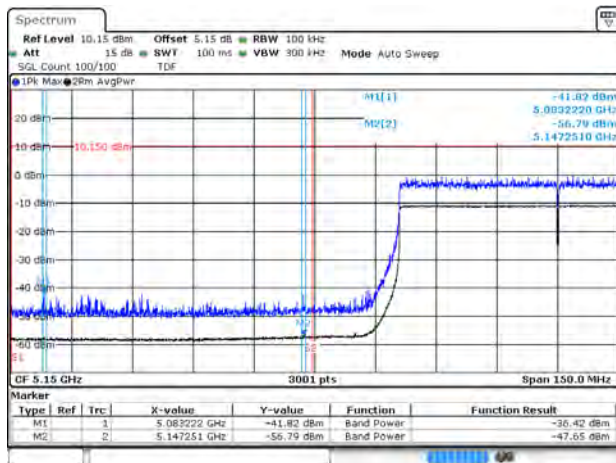
BE-R-HIGH, MIMO-A, 802.11be160-MCS0, Ch50, MRU120-s95



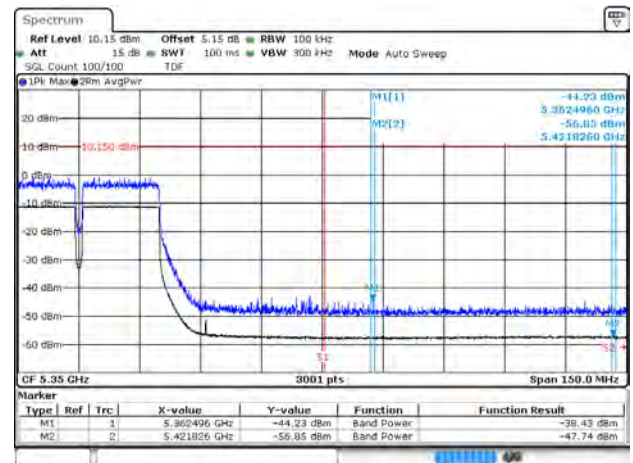
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch50,
MRU140-97



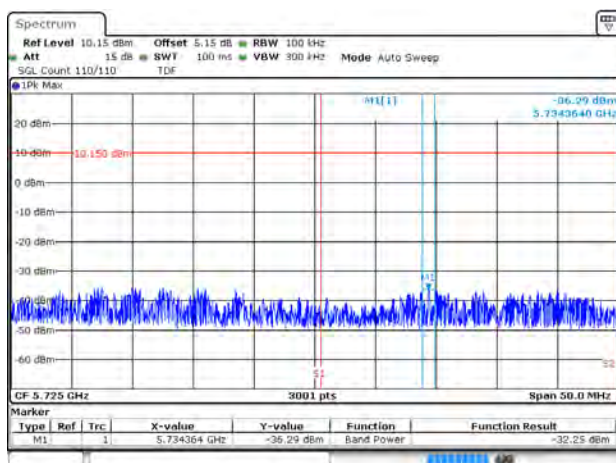
BE-R-HIGH, MIMO-A, 802.11be160-MCS0, Ch50,
MRU140-97



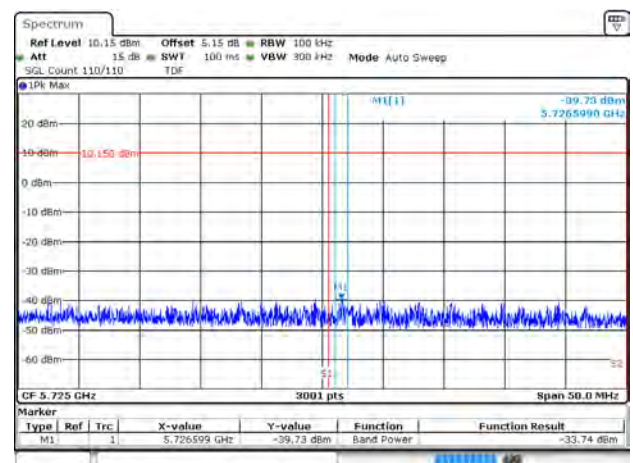
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch50,
MRU140-s99



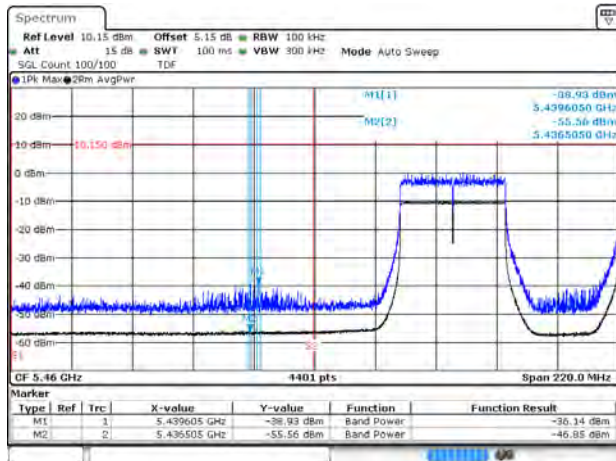
BE-R-HIGH, MIMO-A, 802.11be160-MCS0, Ch50,
MRU120-s99



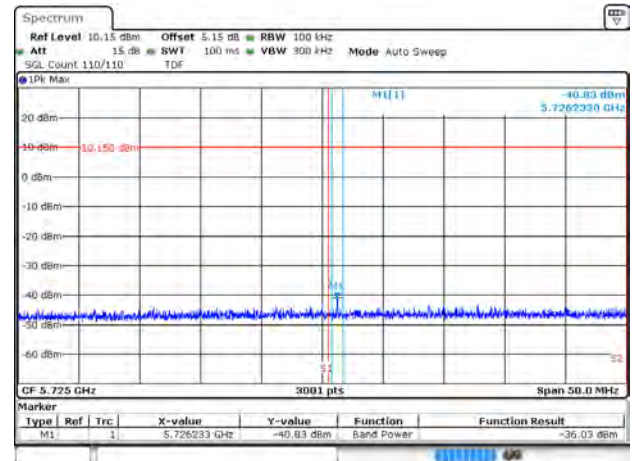
BE-NR-HIGH, MIMO-A, 802.11be80-MCS0, Ch122,
MRU60-91



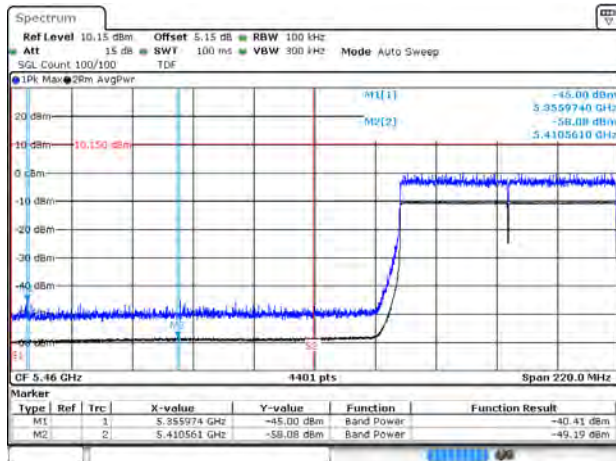
BE-NR-HIGH, MIMO-A, 802.11be80-MCS0, Ch122,
MRU60-92



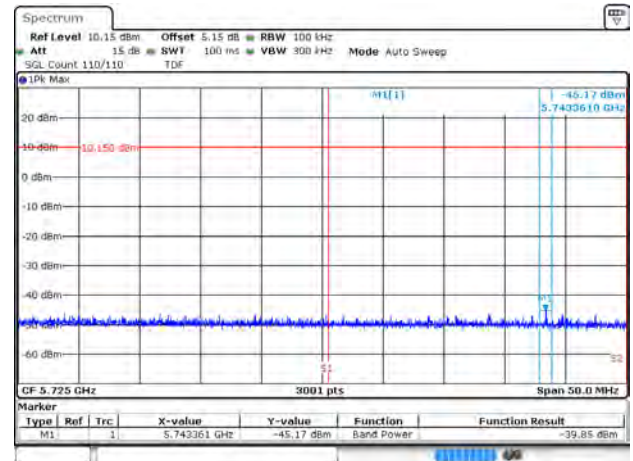
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch114, MRU120-95



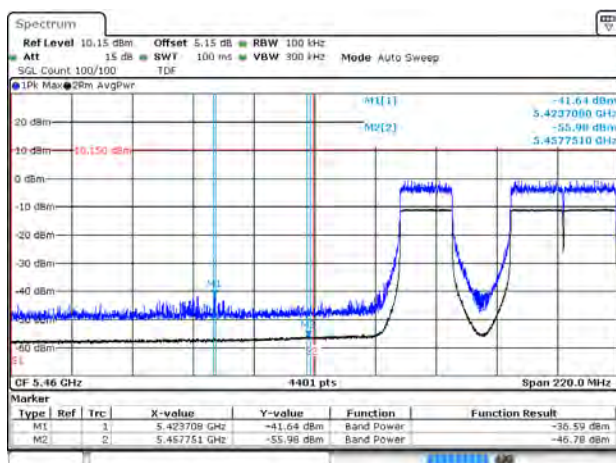
BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch114, MRU120-95



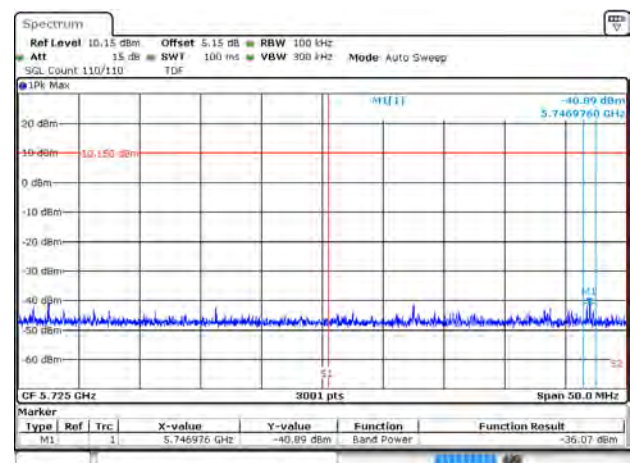
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch114, MRU120-s95



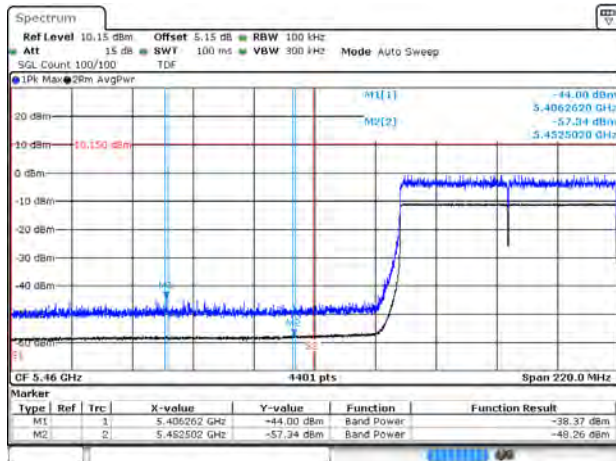
BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch114, MRU120-s95



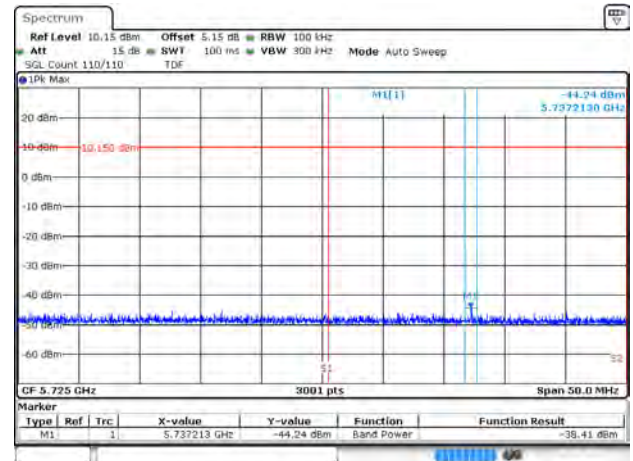
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch114, MRU140-97



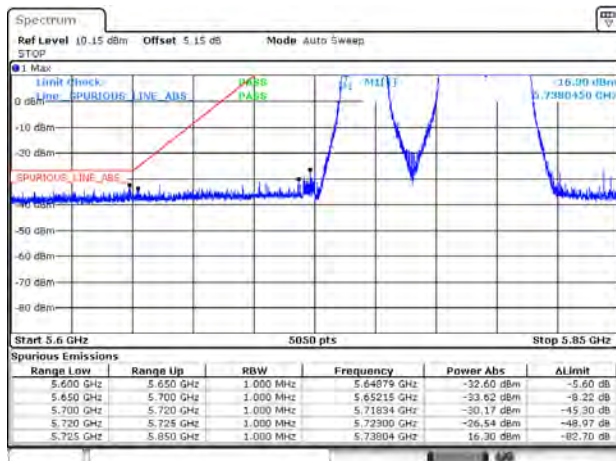
BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch114, MRU140-97



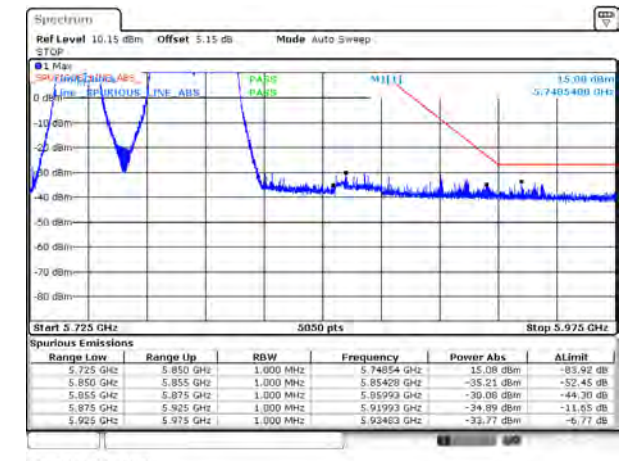
BE-R-LOW, MIMO-A, 802.11be160-MCS0, Ch114, MRU140-s99



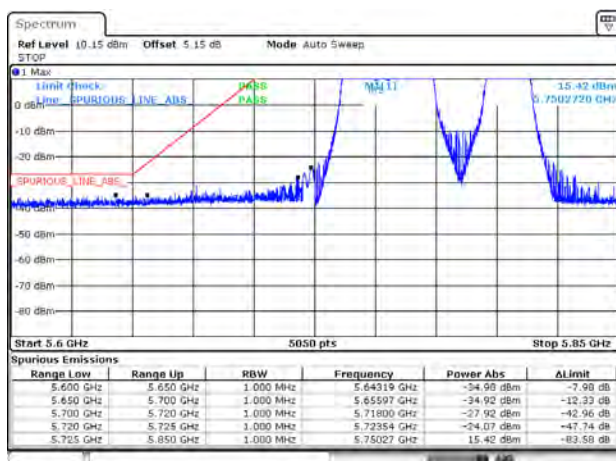
BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch114, MRU140-s99



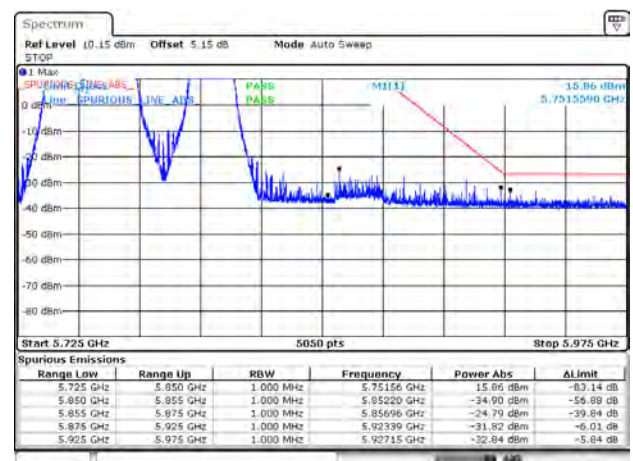
BE-NR-LOW, MIMO-A, 802.11be80-MCS0, Ch155, MRU60-91



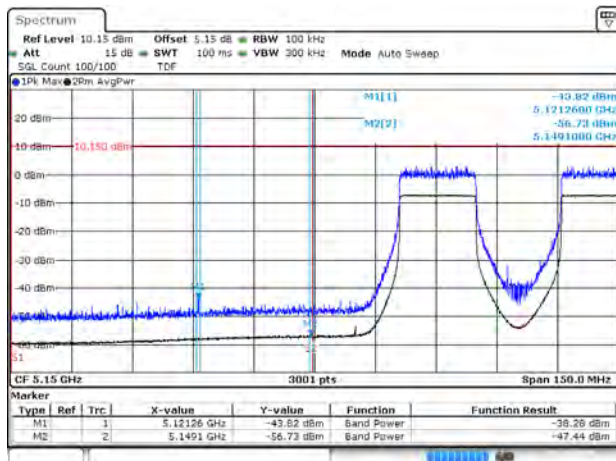
BE-NR-HIGH, MIMO-A, 802.11be80-MCS0, Ch155, MRU60-91



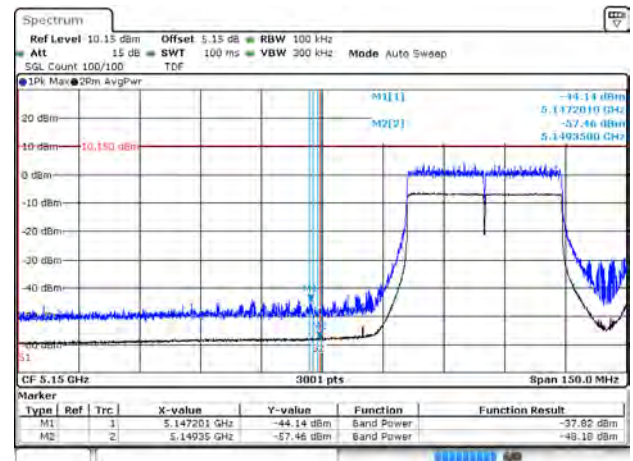
BE-NR-LOW, MIMO-A, 802.11be80-MCS0, Ch155, MRU60-92



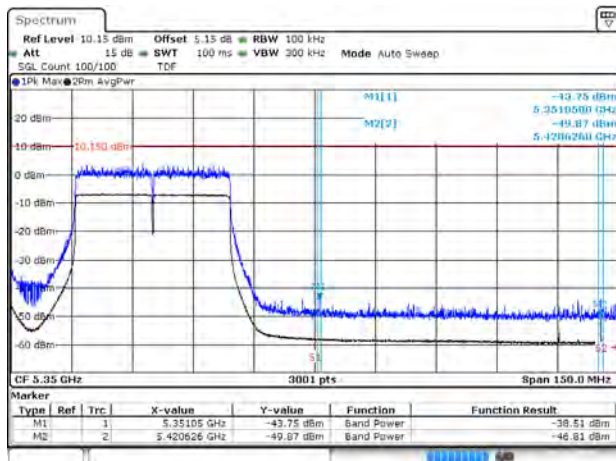
BE-NR-HIGH, MIMO-A, 802.11be80-MCS0, Ch155, MRU60-92



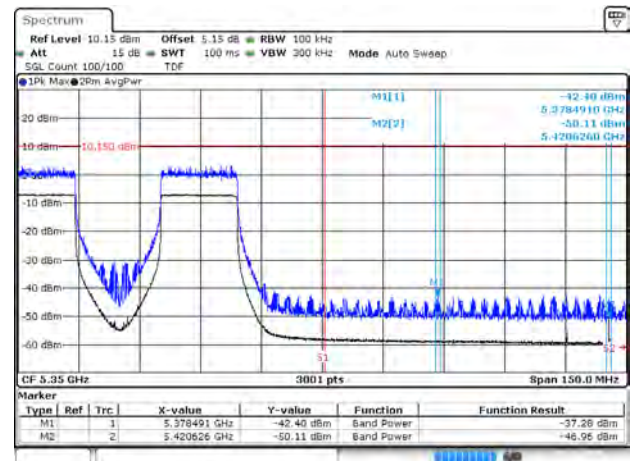
BE-R-LOW, MIMO-B, 802.11be80-MCS0, Ch42, MRU60-91



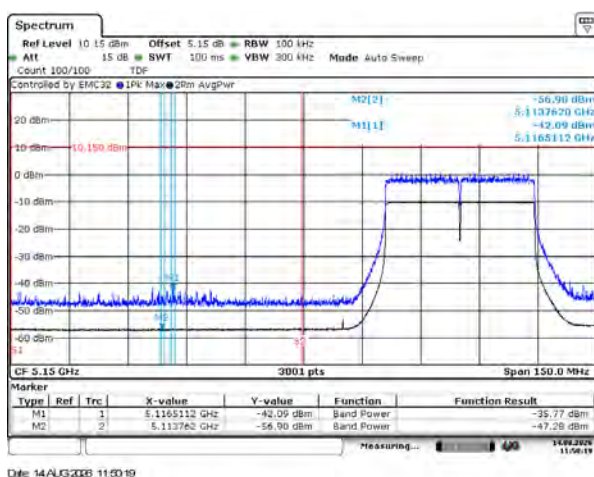
BE-R-LOW, MIMO-B, 802.11be80-MCS0, Ch42, MRU60-92



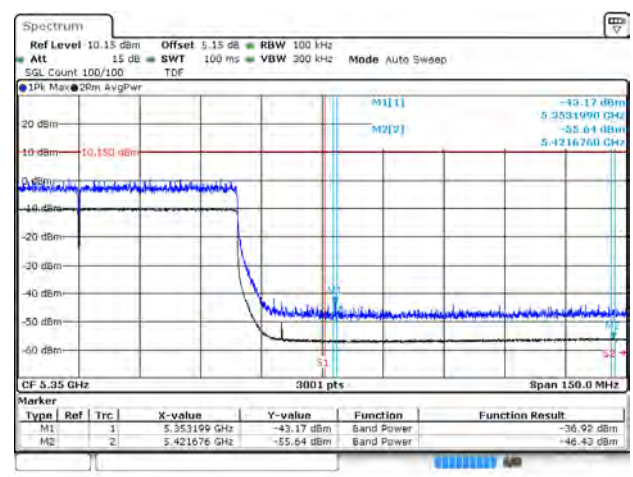
BE-R-HIGH, MIMO-B, 802.11be80-MCS0, Ch58, MRU60-91



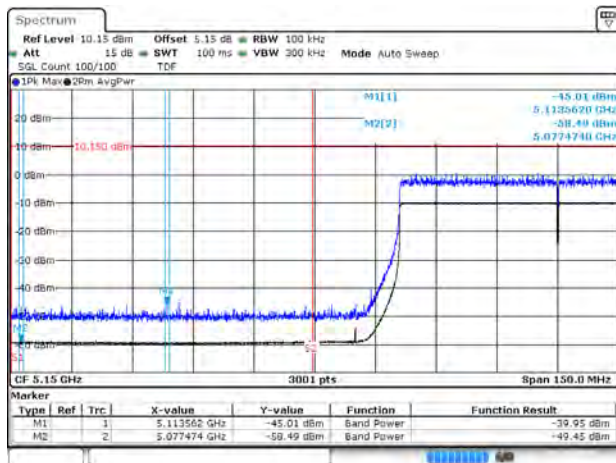
BE-R-HIGH, MIMO-B, 802.11be80-MCS0, Ch58, MRU60-92



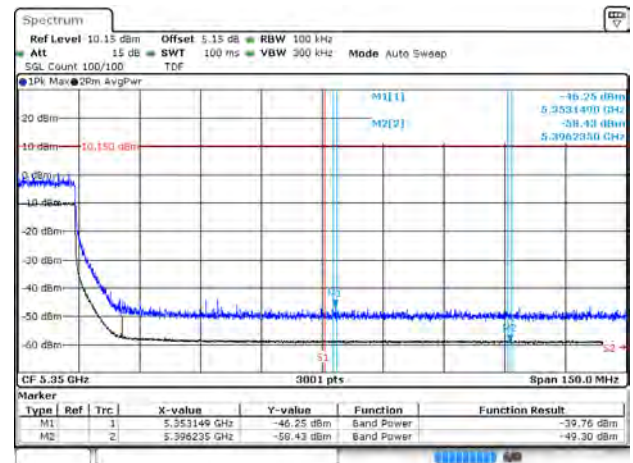
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch50, MRU120-95



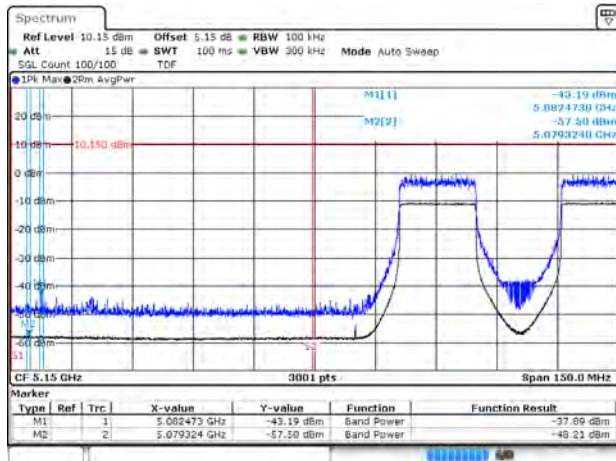
BE-R-HIGH, MIMO-B, 802.11be160-MCS0, Ch50, MRU120-95



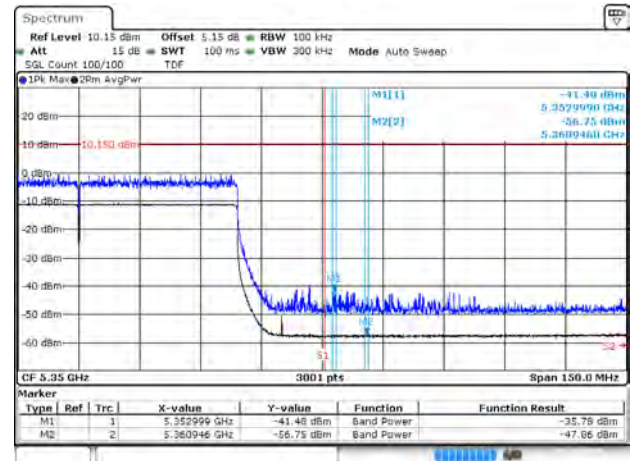
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch50,
MRU120-s95



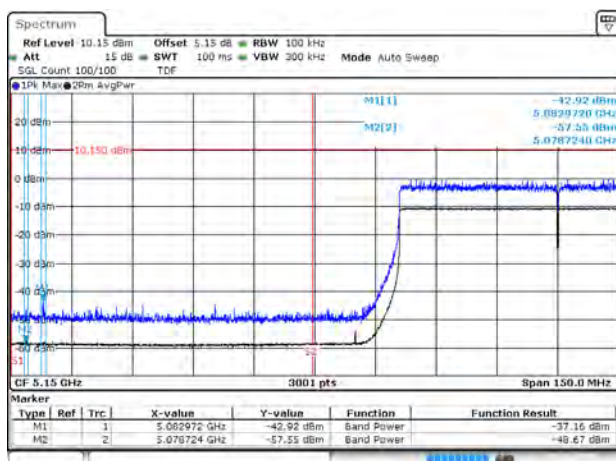
BE-R-HIGH, MIMO-B, 802.11be160-MCS0, Ch50,
MRU120-s95



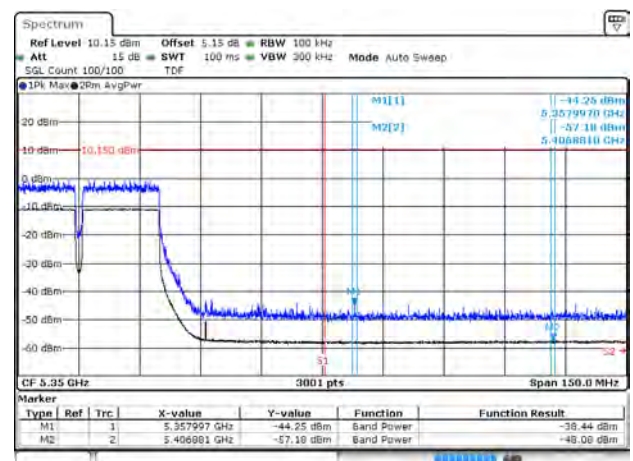
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch50,
MRU140-97



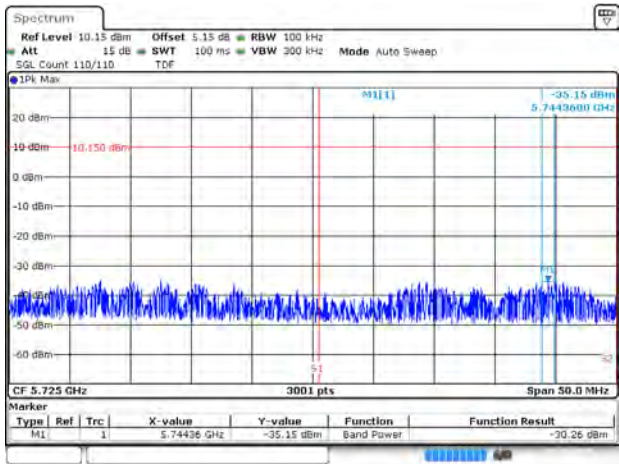
BE-R-HIGH, MIMO-B, 802.11be160-MCS0, Ch50,
MRU140-97



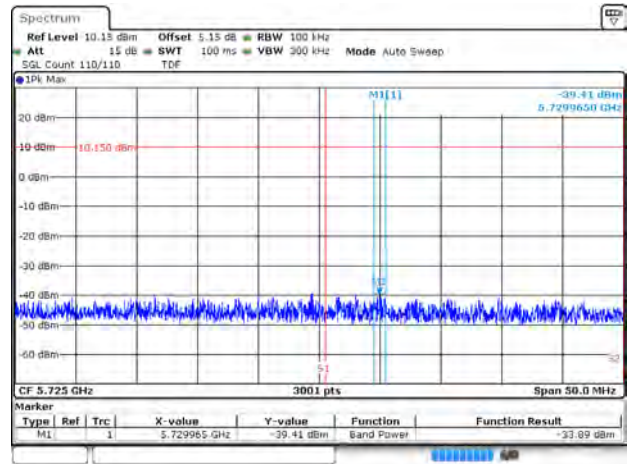
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch50,
MRU140-s99



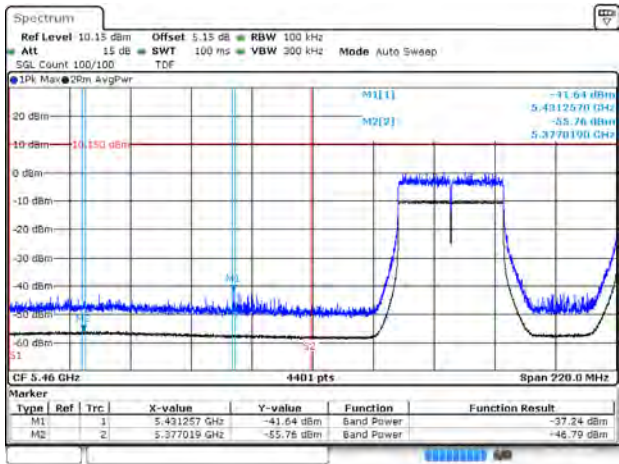
BE-R-HIGH, MIMO-B, 802.11be160-MCS0, Ch50,
MRU120-s99



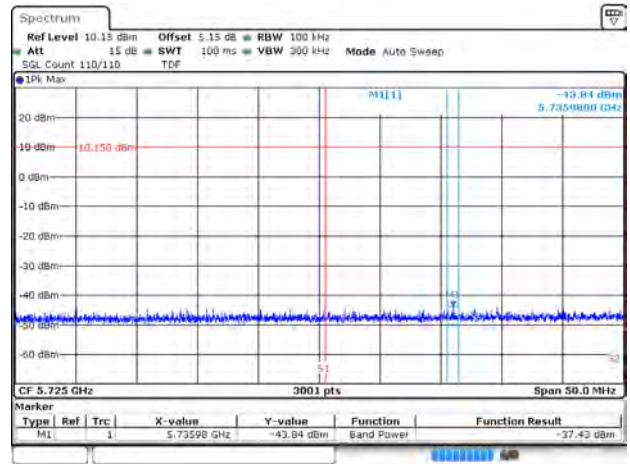
BE-NR-HIGH, MIMO-B, 802.11be80-MCS0, Ch122, MRU60-91



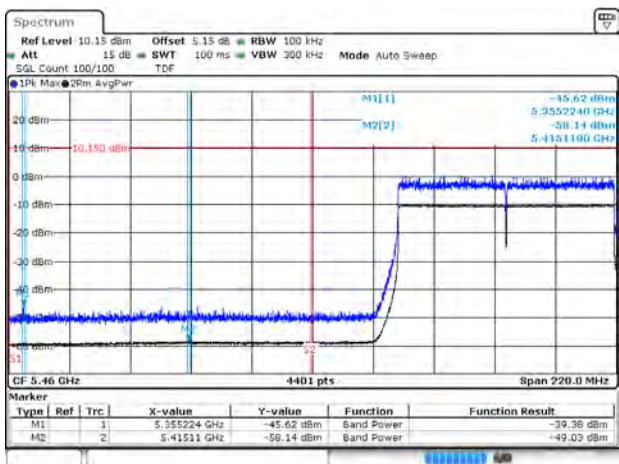
BE-NR-HIGH, MIMO-B, 802.11be80-MCS0, Ch122, MRU60-92



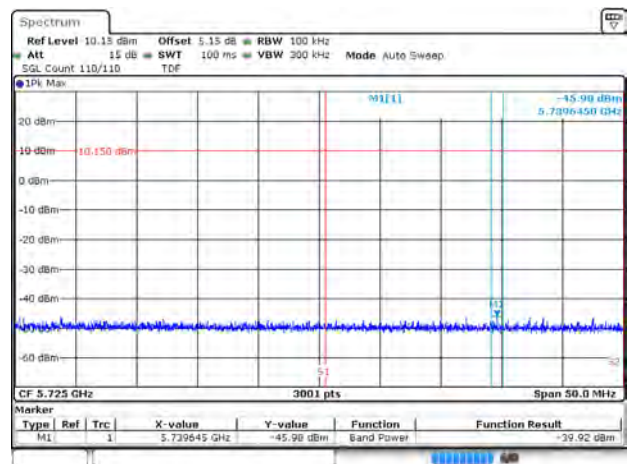
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch114, MRU120-95



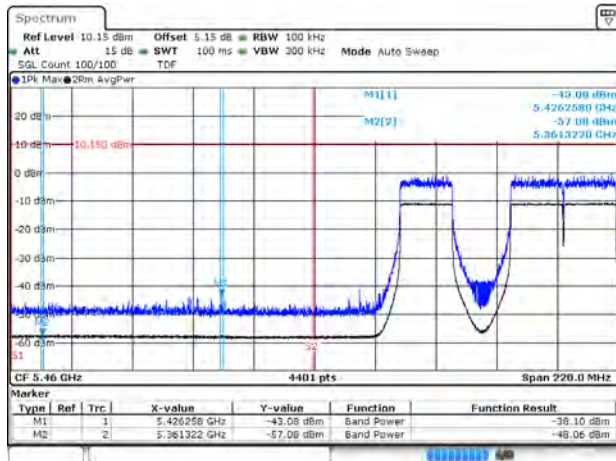
BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch114, MRU120-95



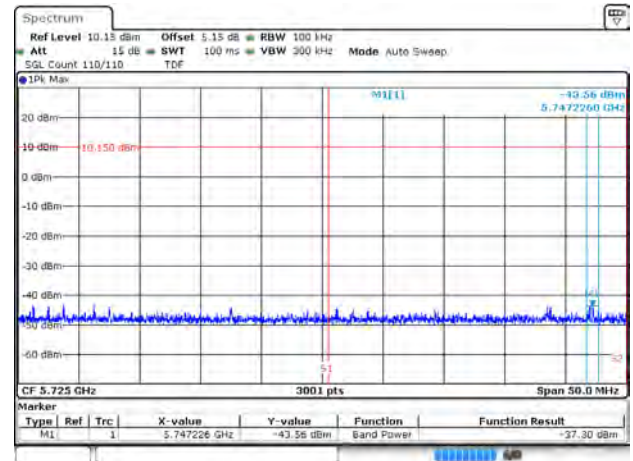
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch114, MRU120-s95



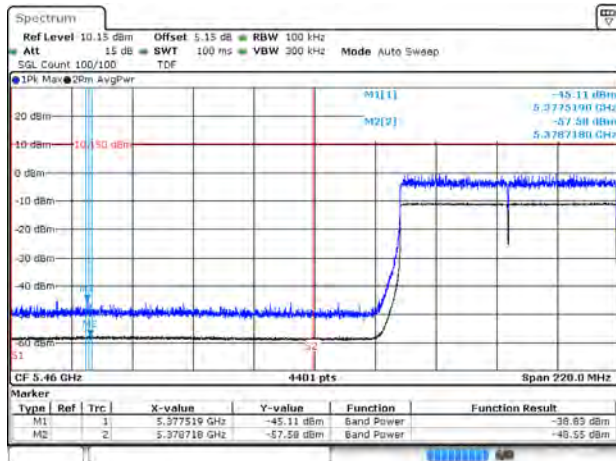
BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch114, MRU120-s95



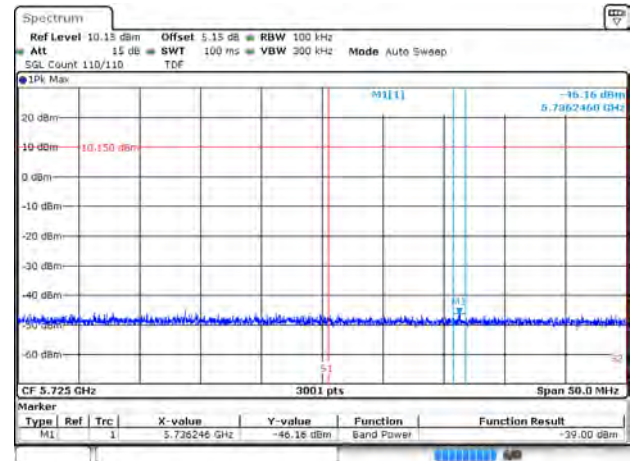
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch114, MRU140-97



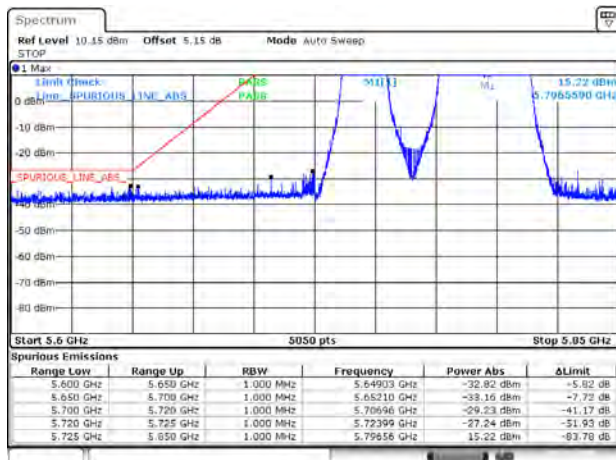
BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch114, MRU140-97



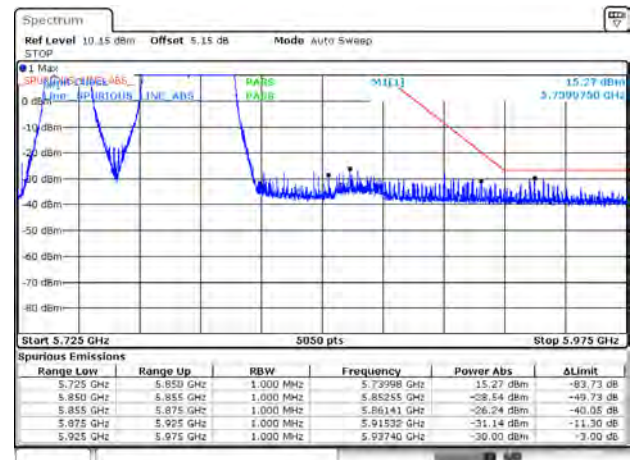
BE-R-LOW, MIMO-B, 802.11be160-MCS0, Ch114, MRU140-s99



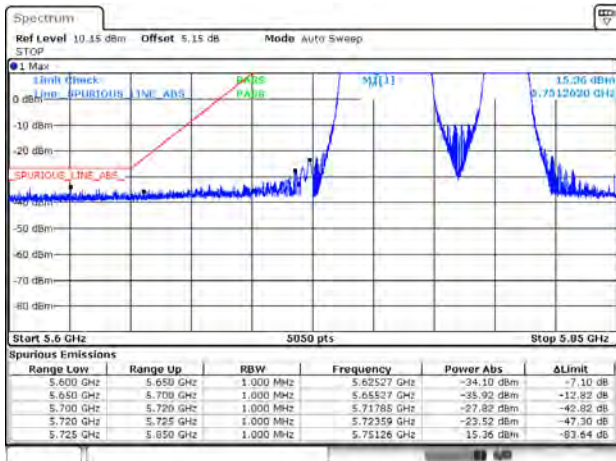
BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch114, MRU140-s99



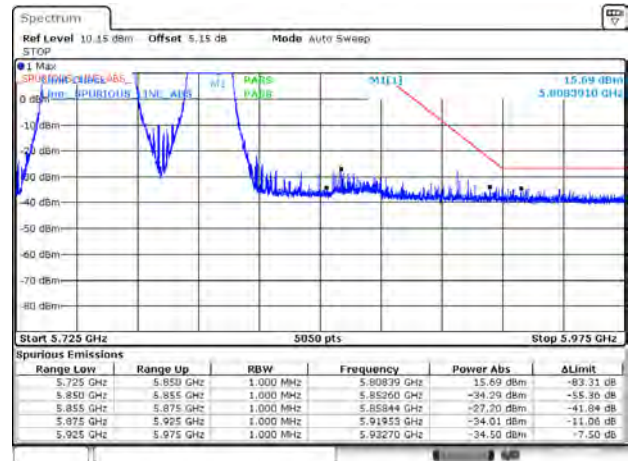
BE-NR-LOW, MIMO-B, 802.11be80-MCS0, Ch155, MRU60-91



BE-NR-HIGH, MIMO-B, 802.11be80-MCS0, Ch155, MRU60-91

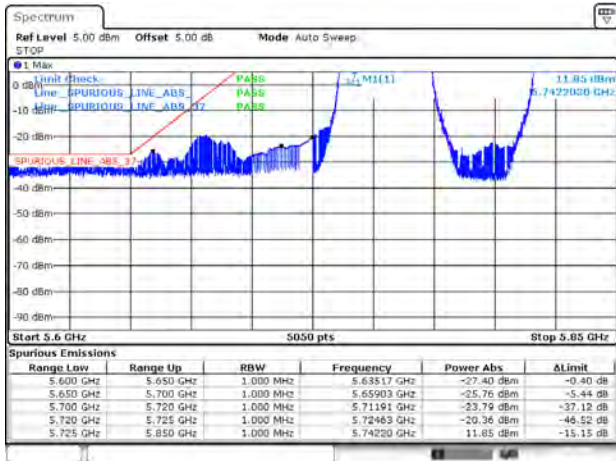


BE-NR-LOW, MIMO-B, 802.11be80-MCS0, Ch155, MRU60-92



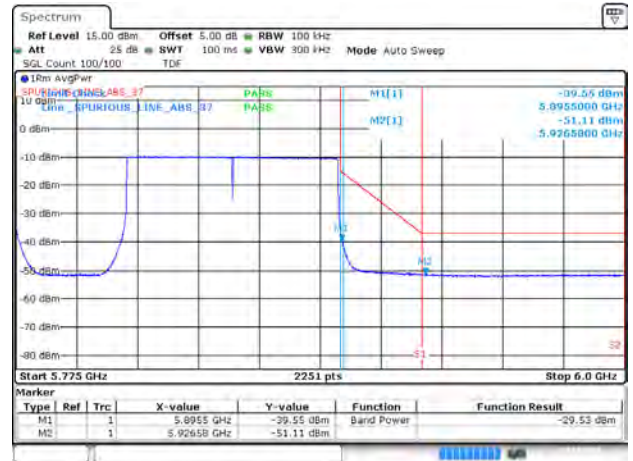
BE-NR-HIGH, MIMO-B, 802.11be80-MCS0, Ch155, MRU60-92

UNII-4



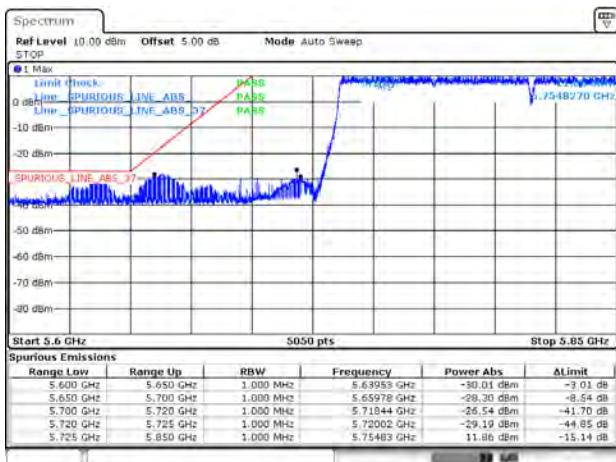
Date: 14.AUG.2026 16:57:04

BE-NR-LOW, SISO-A, 802.11be160-MCS0, Ch163, MRU120-95



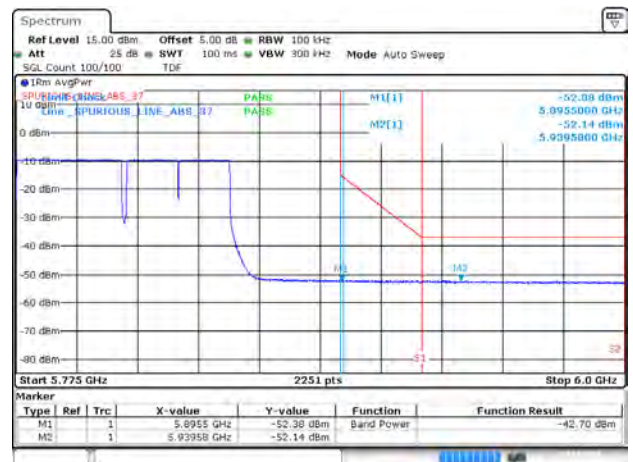
Date: 14.AUG.2026 16:57:18

BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch163, MRU120-95



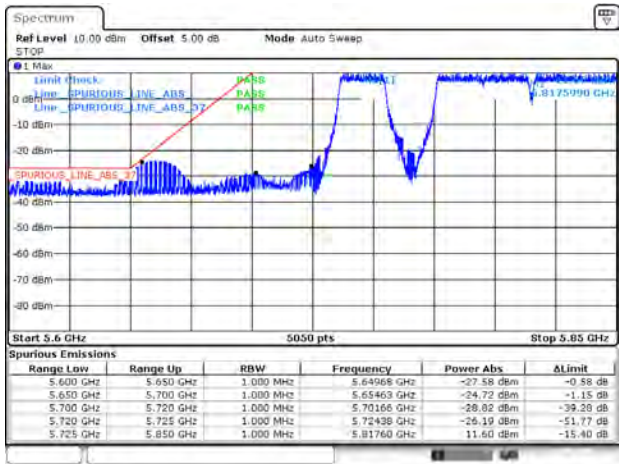
Date: 14.AUG.2026 17:05:07

BE-NR-LOW, SISO-A, 802.11be160-MCS0, Ch163, MRU120-s95

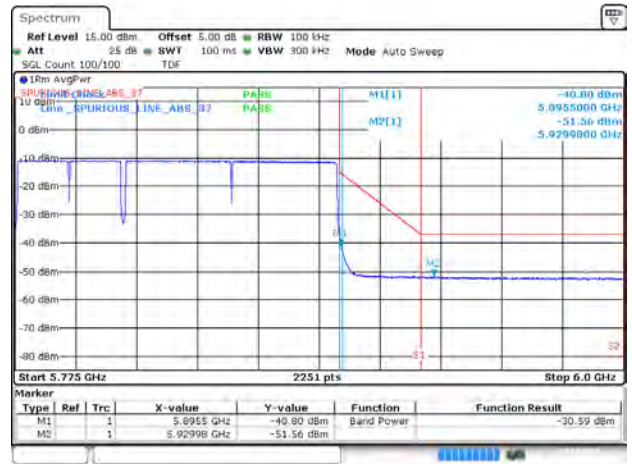


Date: 14.AUG.2026 16:58:43

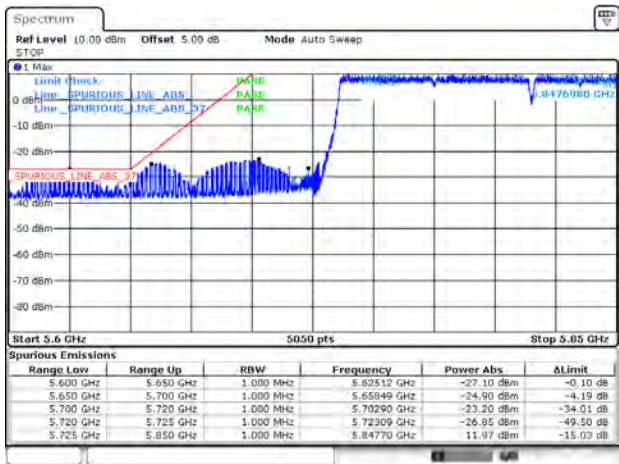
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch163, MRU120-s95



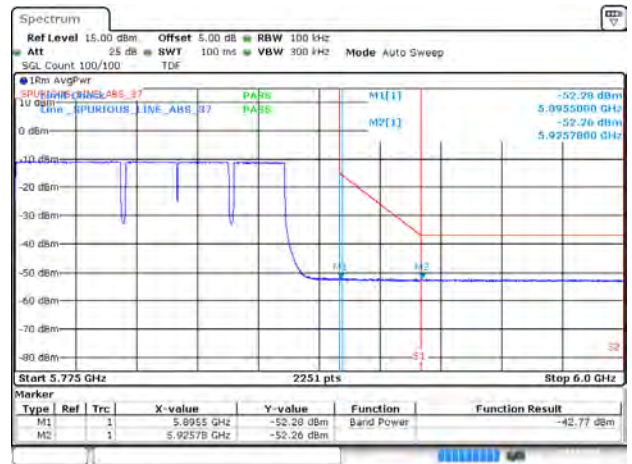
BE-NR-LOW, SISO-A, 802.11be160-MCS0, Ch163, MRU140-97



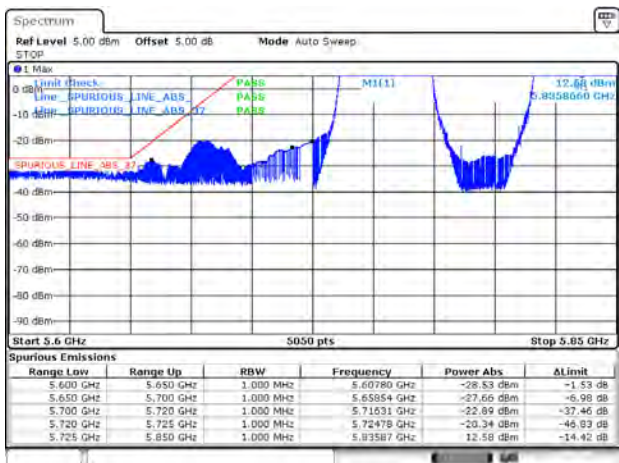
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch163, MRU140-97



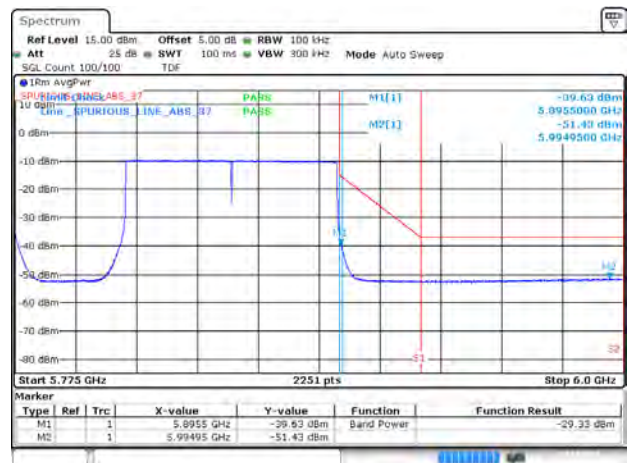
BE-NR-LOW, SISO-A, 802.11be160-MCS0, Ch163, MRU140-s99



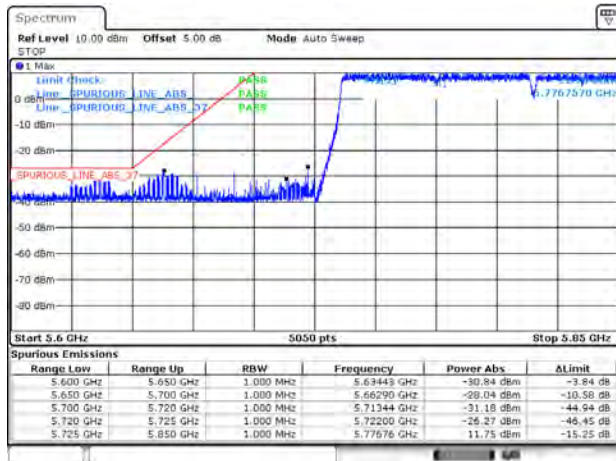
BE-NR-HIGH, SISO-A, 802.11be160-MCS0, Ch163, MRU140-s99



BE-NR-LOW, SISO-B, 802.11be160-MCS0, Ch163, MRU120-95

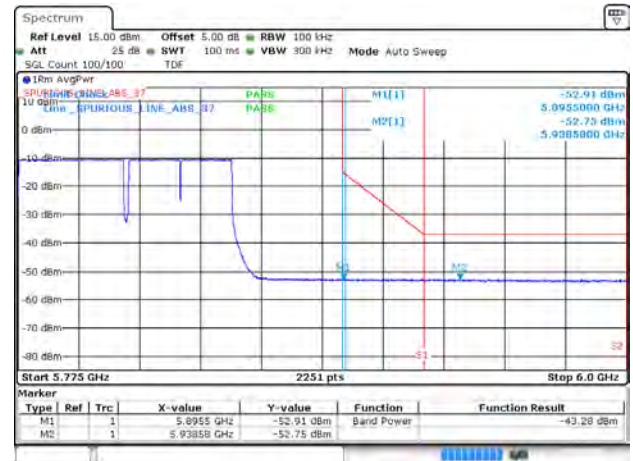


BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch163, MRU120-95



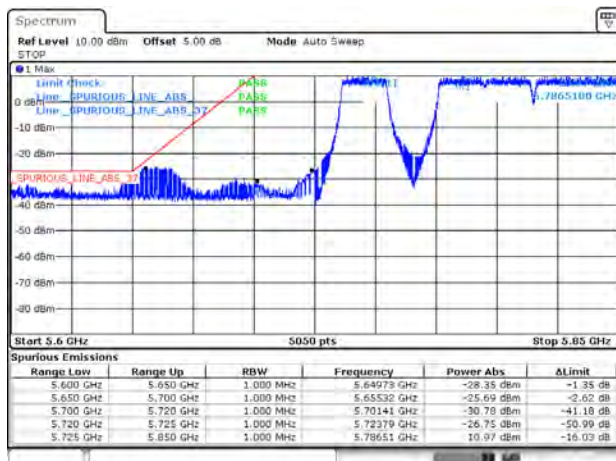
Date: 14.AUG.2020 17:55:25

BE-NR-LOW, SISO-B, 802.11be160-MCS0, Ch163, MRU120-s95



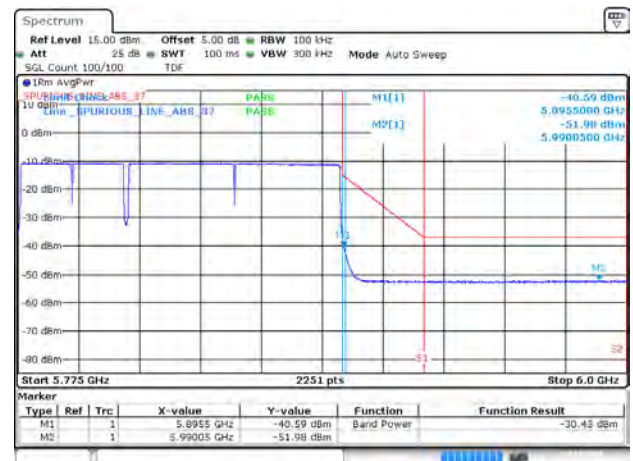
Date: 14.AUG.2020 17:55:39

BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch163, MRU120-s95



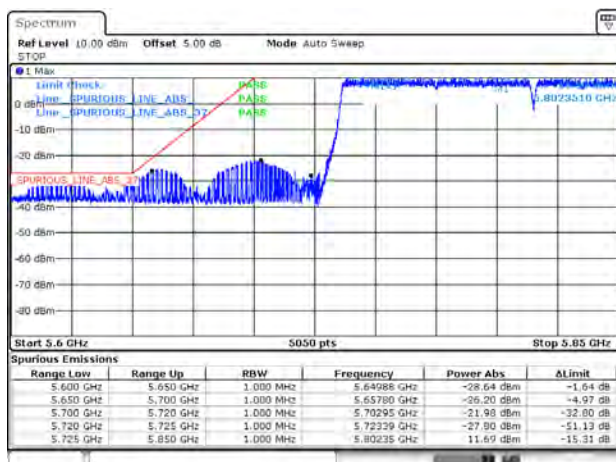
Date: 14.AUG.2020 17:59:31

BE-NR-LOW, SISO-B, 802.11be160-MCS0, Ch163, MRU140-97



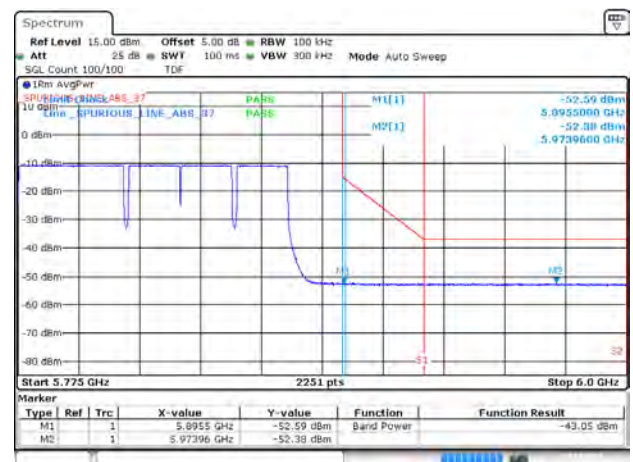
Date: 14.AUG.2020 17:57:06

BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch163, MRU140-97



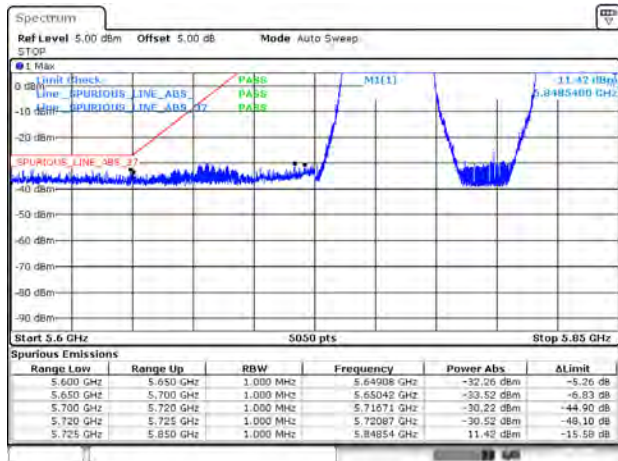
Date: 14.AUG.2020 17:58:20

BE-NR-LOW, SISO-B, 802.11be160-MCS0, Ch163, MRU140-s99



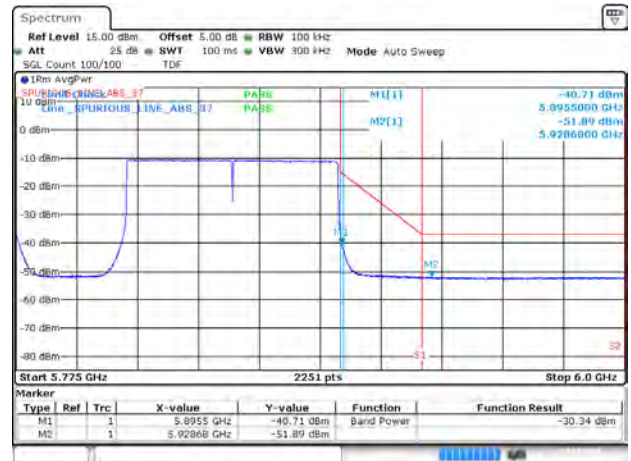
Date: 14.AUG.2020 17:58:34

BE-NR-HIGH, SISO-B, 802.11be160-MCS0, Ch163, MRU140-s99



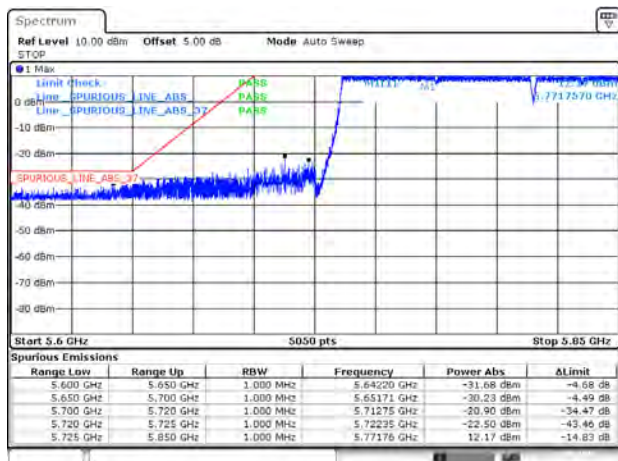
Date: 14.AUG.2020 17:25:51

BE-NR-LOW, MIMO-A, 802.11be160-MCS0, Ch163, MRU120-95



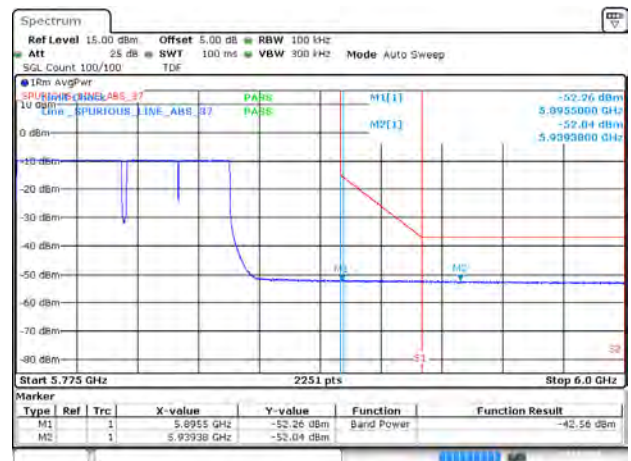
Date: 14.AUG.2020 17:18:08

BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch163, MRU120-95



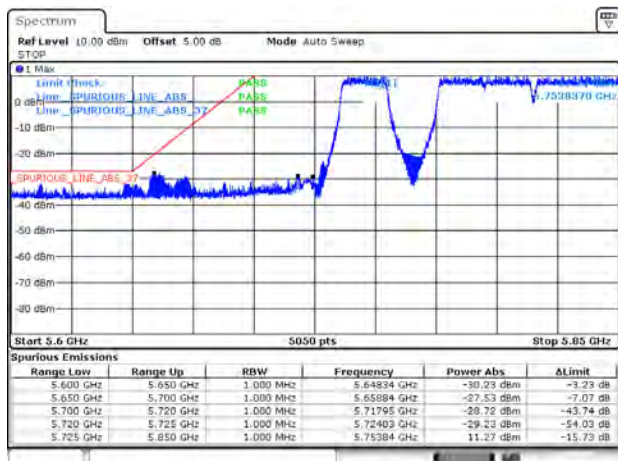
Date: 14.AUG.2020 17:19:24

BE-NR-LOW, MIMO-A, 802.11be160-MCS0, Ch163, MRU120-s95



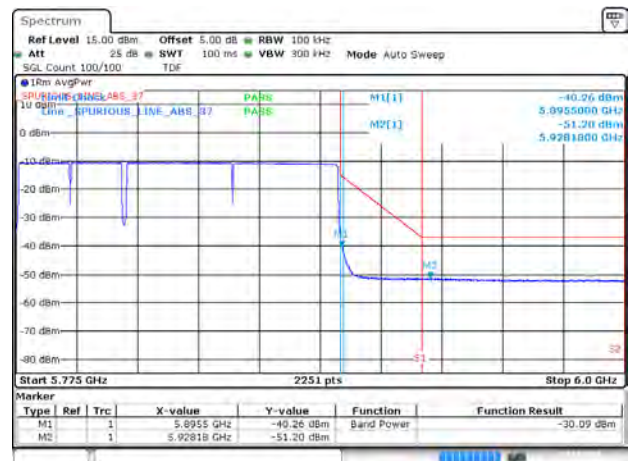
Date: 14.AUG.2020 17:19:37

BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch163, MRU120-s95



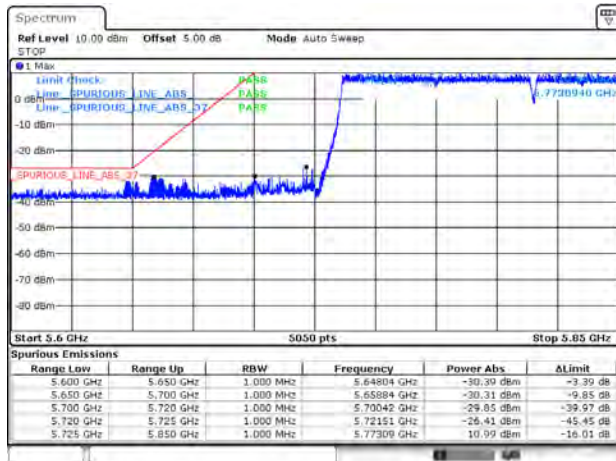
Date: 14.AUG.2020 17:29:31

BE-NR-LOW, MIMO-A, 802.11be160-MCS0, Ch163, MRU140-97



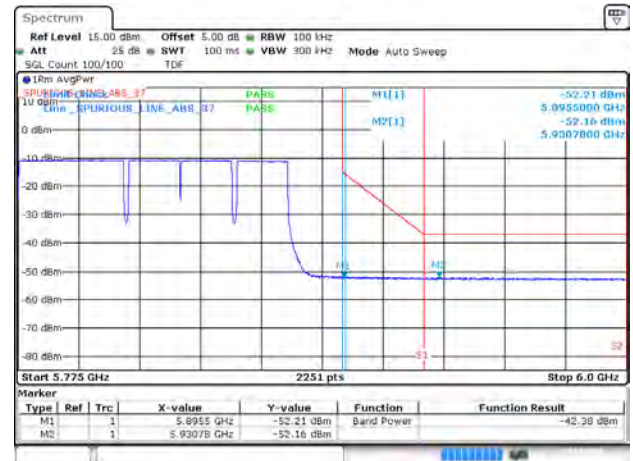
Date: 14.AUG.2020 17:21:07

BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch163, MRU140-97



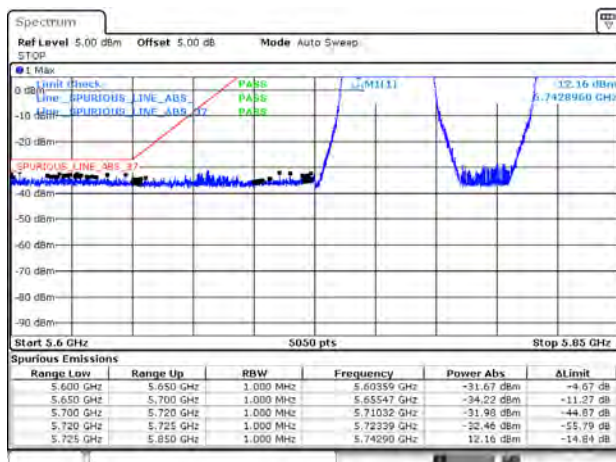
Date: 14.AUG.2026 17:22:26

BE-NR-LOW, MIMO-A, 802.11be160-MCS0, Ch163, MRU140-s99



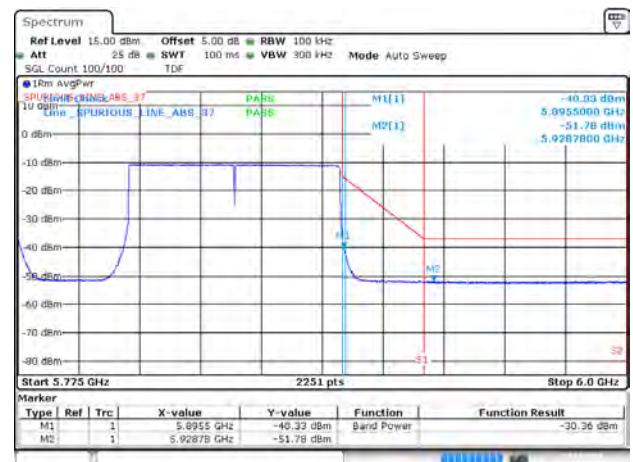
Date: 14.AUG.2026 17:22:35

BE-NR-HIGH, MIMO-A, 802.11be160-MCS0, Ch163, MRU140-s99



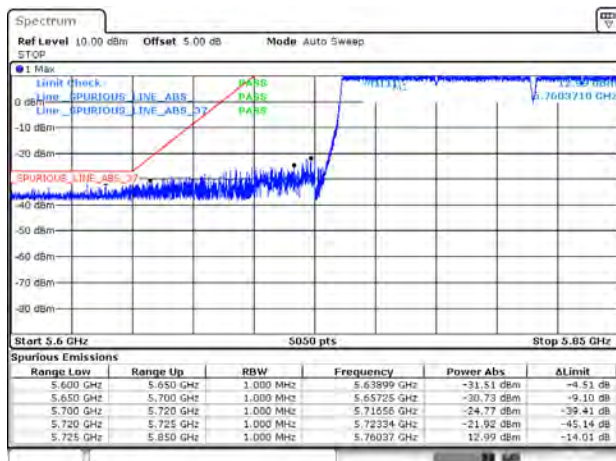
Date: 14.AUG.2026 17:44:30

BE-NR-LOW, MIMO-B, 802.11be160-MCS0, Ch163, MRU120-95



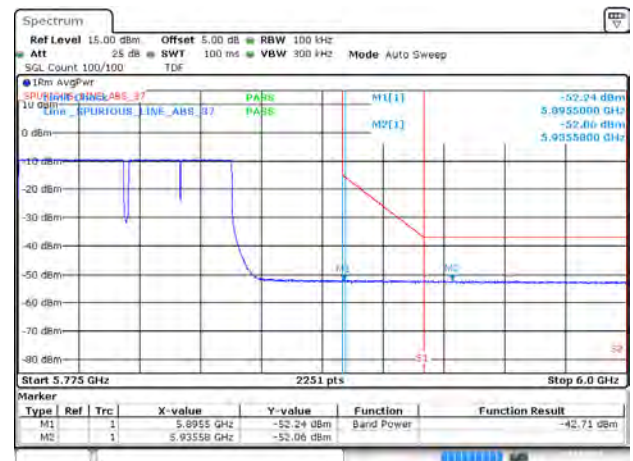
Date: 14.AUG.2026 17:44:44

BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch163, MRU120-95



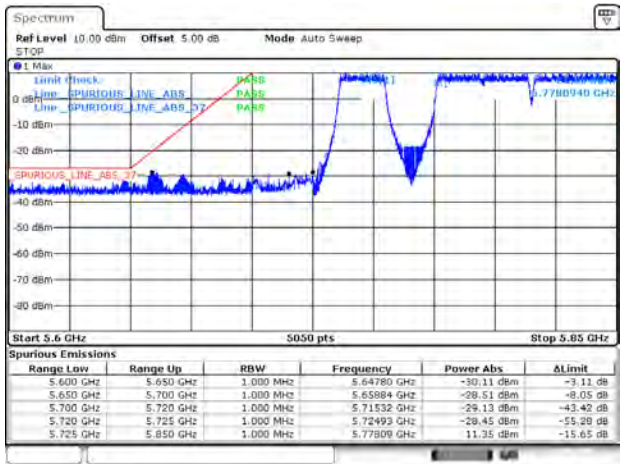
Date: 14.AUG.2026 17:43:00

BE-NR-LOW, MIMO-B, 802.11be160-MCS0, Ch163, MRU120-s95

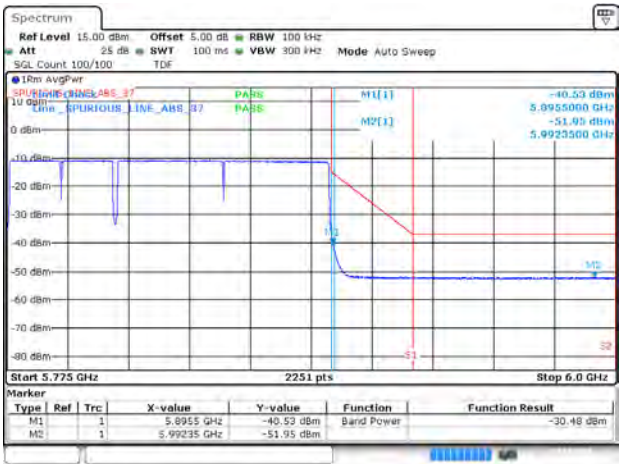


Date: 14.AUG.2026 17:43:14

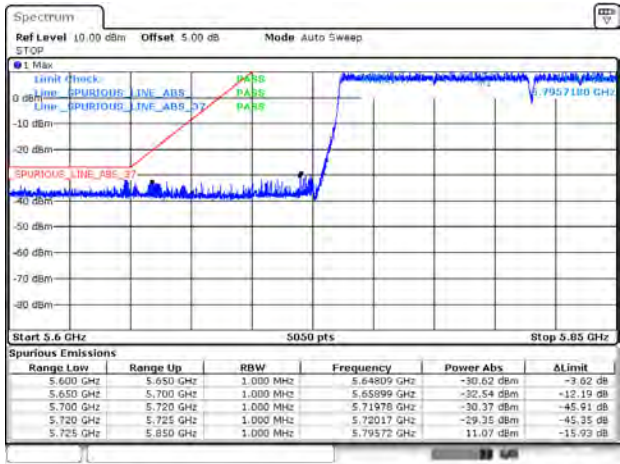
BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch163, MRU120-s95



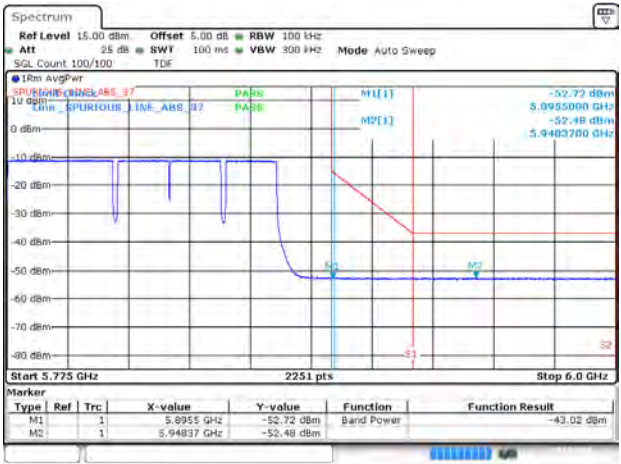
BE-NR-LOW, MIMO-B, 802.11be160-MCS0, Ch163, MRU140-97



BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch163, MRU140-97



BE-NR-LOW, MIMO-B, 802.11be160-MCS0, Ch163, MRU140-s99



BE-NR-HIGH, MIMO-B, 802.11be160-MCS0, Ch163, MRU140-s99