RF MEASUREMENT REPORT

FCC ID:	2BCGWRE655BE
Applicant:	TP-LINK CORPORATION PTE. LTD.
Product:	BE11000 Tri-Band Wi-Fi 7 Range Extender
Model No.:	RE655BE
Trademark:	tp-link
FCC Classification:	15E 6GHz Low Power Indoor Access Point (6ID) 15E 6GHz Subordinate Indoor Device (6PP)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407(d)(6))
Result:	Complies
Received Date:	2024-05-14
Test Date:	2024-05-15 ~ 2024-05-18

Reviewed By: Kevin Guo

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB789033. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2405RSU010-U1	V01	Initial Report	2024-05-21	Valid

CONTENTS

Description Page

1. General Information 4

1.1. Applicant 4
1.2. Manufacturer 4
1.3. Testing Facility 4
1.4. Product Information 5
1.5. Radio Specification under Test 5
1.6. Working Frequencies 6
1.7. Antenna Details 8

2. Test Configuration 9

2.1. Test Mode 9
2.2. Test Software 9
2.3. Applied Standards 9
2.4. Test Environment Condition 9

3. Antenna Requirements 10

4. Measuring Instrument 11

5. Decision Rules and Measurement Uncertainty 12

5.1. Decision Rules 12
5.2. Measurement Uncertainty 12

6. Test Result 13

6.1. Summary 13
6.2. Contention Based Protocol Measurement 14
6.2.1. Test Limit 14
6.2.2. Test Procedure 14
6.2.3. Test Setting 14
6.2.4. Test Setup 15
6.2.5. Test Result 16

Appendix A – Test Setup Photograph 32

Appendix B – EUT Photograph 33

1. General Information

1.1. Applicant

TP-LINK CORPORATION PTE. LTD.

7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

1.2. Manufacturer

TP-LINK CORPORATION PTE. LTD.

7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

1.3. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**				
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China **Laboratory Location (Suzhou - SIP)** 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China				
	Laboratory Accreditations				
	A2LA: 3628.01		CNAS: L10551		
	FCC: CN1166		ISED: CN0001		
	VCCI:	☐R-20025	☐G-20034	☐C-20020	☐T-20020
		☐R-20141	☐G-20134	☐C-20103	☐T-20104
☐	**Test Site – MRT Shenzhen Laboratory**				
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China				
	Laboratory Accreditations				
	A2LA: 3628.02		CNAS: L10551		
	FCC: CN1284		ISED: CN0105		
☐	**Test Site – MRT Taiwan Laboratory**				
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)				
	Laboratory Accreditations				
	TAF: 3261				
	FCC: 291082, TW3261		ISED: TW3261		

1.4. Product Information

Product Name	BE11000 Tri-Band Wi-Fi 7 Range Extender	
Model No.	RE655BE	
EUT Identification	AP mode: 20240514Sample#08 Mesh mode: 20240514Sample#06	
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be	
Antenna Information	Refer to section 1.7	
Power Type	AC/DC Adapter input	
Operating Environment	☒ Indoor Use	☐ Outdoor Use
Power Voltage	AC 100-240V 50-60Hz 0.5A	
Note: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.		

1.5. Radio Specification under Test

Frequency Range	For 802.11ax-HE20/be-EHT20: 5955 ~ 7095MHz For 802.11ax-HE40/be-EHT40: 5965 ~ 7085MHz For 802.11ax-HE80/be-EHT80: 5985 ~ 7025MHz For 802.11ax-HE160/be-EHT160: 6025 ~ 6985MHz For 802.11be-EHT320-1: 6105MHz, 6425MHz, 6745MHz For 802.11be-EHT320-2: 6265MHz, 6585MHz, 6905MHz	
Type of Modulation	802.11ax/be: OFDMA	
Data Rate	802.11ax: up to 2402Mbps 802.11be: up to 5764Mbps	
Channel Puncturing Function	☐ Supported	☒ Unsupported
Support RU	☒ Full RU	☐ Partial RU

1.6. Working Frequencies

802.11ax-HE20/be-EHT20

Channel	Frequency	Channel	Frequency	Channel	Frequency
1	5955 MHz	5	5975 MHz	9	5995 MHz
13	6015 MHz	17	6035 MHz	21	6055 MHz
25	6075 MHz	29	6095 MHz	33	6115 MHz
37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz
61	6255 MHz	65	6275 MHz	69	6295 MHz
73	6315 MHz	77	6335 MHz	81	6355 MHz
85	6375 MHz	89	6395 MHz	93	6415 MHz
97	6435 MHz	101	6455 MHz	105	6475 MHz
109	6495 MHz	113	6515 MHz	117	6535 MHz
121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz
145	6675 MHz	149	6695 MHz	153	6715 MHz
157	6735 MHz	161	6755 MHz	165	6775 MHz
169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz	185	6875 MHz	189	6895 MHz
193	6915 MHz	197	6935 MHz	201	6955 MHz
205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz
229	7095 MHz	--	--	--	--

802.11ax-HE40/be-EHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
3	5965 MHz	11	6005 MHz	19	6045 MHz
27	6085 MHz	35	6125 MHz	43	6165 MHz
51	6205 MHz	59	6245 MHz	67	6285 MHz
75	6325 MHz	83	6365 MHz	91	6405 MHz
99	6445 MHz	107	6485 MHz	115	6525 MHz
123	6565 MHz	131	6605 MHz	139	6645 MHz
147	6685 MHz	155	6725 MHz	163	6765 MHz
171	6805 MHz	179	6845 MHz	187	6885 MHz
195	6925 MHz	203	6965 MHz	211	7005 MHz
219	7045 MHz	227	7085 MHz		--

802.11ax-HE80/be-EHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
7	5985 MHz	23	6065 MHz	39	6145 MHz
55	6225 MHz	71	6305 MHz	87	6385 MHz
103	6465 MHz	119	6545 MHz	135	6625 MHz
151	6705 MHz	167	6785 MHz	183	6865 MHz
199	6945 MHz	215	7025 MHz	--	--

802.11ax-HE160/be-EHT160

Channel	Frequency	Channel	Frequency	Channel	Frequency
15	6025 MHz	47	6185 MHz	79	6345 MHz
111	6505 MHz	143	6665 MHz	175	6825 MHz
207	6985 MHz	--	--	--	--

802.11be-EHT320-1

Channel	Frequency	Channel	Frequency	Channel	Frequency
31	6105 MHz	95	6425 MHz	159	6745 MHz

802.11be-EHT320-2

Channel	Frequency	Channel	Frequency	Channel	Frequency
63	6265 MHz	127	6585 MHz	191	6905 MHz

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	T_X Paths	Number of spatial streams	Max Antenna Gain (dBi)	Beamforming Directional Gain(dBi)	CDD Directional Gain (dBi)	
						For Power	For PSD
Dipole	5945 ~ 7125	2	1	3.00	6.01	3.00	6.01
		2	2	3.00	--	3.00	6.01

Remark:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

   If all antennas have the same gain, G_{ANT}, Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

   - For power spectral density (PSD) measurements on all devices,

   Array Gain = 10 log (N_{ANT}/ Nss) dB;

   - For power measurements on IEEE 802.11 devices,

   Array Gain = 0 dB for $N_{ANT} \leq 4$;

2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11ax/be, not include 802.11a/b/g/n. BF Directional gain = G_{ANT} + 10 log (N_{ANT}).
3. All messages of antenna were from the AUT report.

Test Mode	T_X Paths	CDD Mode	Beamforming Mode
802.11ax/be (6ID / 6PP)	2	√	√

2. Test Configuration

2.1. Test Mode

Mode 1: Operating under AP mode
Mode 2: Operating under Mesh mode

2.2. Test Software

The test utility software used during testing was “Telnet”, and the commands were provided by the manufacturer.

2.3. Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC KDB 987594 D02v02r01
- FCC KDB 987594 D04v02

2.4. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~ 75%RH

3. Antenna Requirements

Excerpt from §15.407(a)(9) of the FCC Rules/Regulations:

Access points operating under the provisions of paragraphs (a)(5) and (a)(6) of this section must employ a permanently attached integrated antenna.

- The antenna of the device is built in and locked inside the enclosure.

Conclusion:

The device complies with the requirement of §15.407(a)(9).

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE06402	1 year	2025-05-12	WZ-SR5
Shielding Room	HUAMING	WZ-SR5	MRTSUE06442	N/A	N/A	WZ-SR5
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2025-05-08	WZ-SR5
Signal Generator	Keysight	N5182B	MRTSUE06993	1 year	2024-07-31	WZ-SR5
Frequency extender for EXG or MXG	Keysight	N5182BX07	MRTSUE06984	1 year	2025-02-03	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11086	1 year	2024-06-08	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11087	1 year	2024-06-08	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11088	1 year	2024-06-08	WZ-SR5
Attenuator	MVE	MVE2213	MRTSUE11089	1 year	2024-06-08	WZ-SR5

5. Decision Rules and Measurement Uncertainty

5.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.

(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

5.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Time
Measuring Uncertainty for a Level of Confidence of 95% (U=2Uc(y)): 4.34%

6. Test Result

6.1. Summary

FCC Section	Test Description	Test Condition	Verdict
15.407(d)(6)	Contention-Based Protocol	Conducted	Pass

Remark:

1. The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.

6.2. Contention Based Protocol Measurement

6.2.1. Test Limit

Unlicensed indoor low power device must detect co-channel radio frequency power that is at least -62dBm (The threshold is referenced to a 0dBi antenna gain.) or low.

Indoor low power device must detect an AWGN signal with 90% (or better) level of certainty.

6.2.2. Test Procedure

KDB 987594 D02v02r01- Section II)I

6.2.3. Test Setting

1. Configure the EUT to transmit with a constant duty cycle.

2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.

3. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.

Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.

4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.

5. Using an AWGN signal source, generate a 10 MHz-wide AWGN signal. Use Table 1 of KDB 987594 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.

6. Set the AWGN signal power to an extremely low level. Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in below figure.

7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.

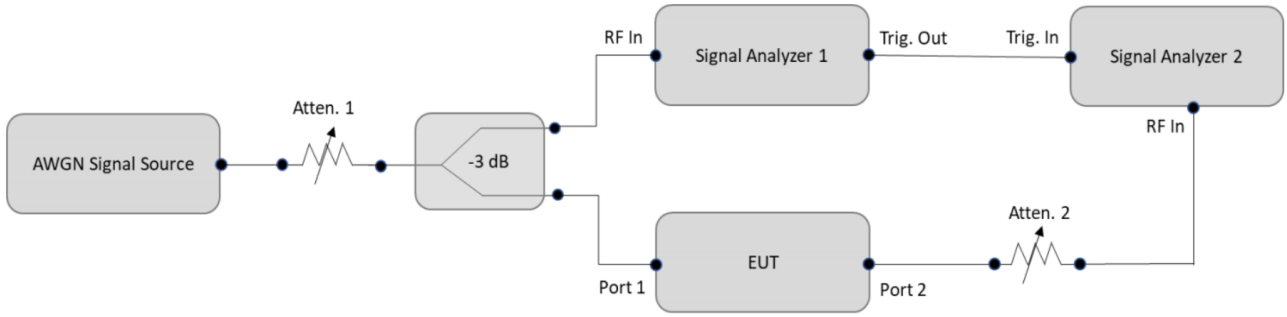
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.

9. Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.

10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If

testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

6.2.4. Test Setup



6.2.5. Test Result

Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2024-05-15 ~ 2024-05-16	Test Mode	AP mode

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
37	20	6135	6135	-64.0	3.0	-67.0	≤ -62.0	10	100	90	Pass
63	320	6265	6110	-75.0	3.0	-78.0	≤ -62.0	10	100	90	Pass
63	320	6265	6265	-65.0	3.0	-68.0	≤ -62.0	10	100	90	Pass
63	320	6265	6420	-74.0	3.0	-77.0	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
101	20	6455	6455	-65.0	3.0	-68.0	≤ -62.0	10	100	90	Pass
95	320	6425	6270	-80.0	3.0	-83.0	≤ -62.0	10	100	90	Pass
95	320	6425	6425	-66.0	3.0	-69.0	≤ -62.0	10	100	90	Pass
95	320	6425	6580	-70.0	3.0	-73.0	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
165	20	6775	6775	-65.0	3.0	-68.0	≤ -62.0	10	100	90	Pass
127	320	6585	6430	-68.0	3.0	-71.0	≤ -62.0	10	100	90	Pass
127	320	6585	6585	-67.0	3.0	-70.0	≤ -62.0	10	100	90	Pass
127	320	6585	6740	-66.0	3.0	-69.0	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-66.0	3.0	-69.0	≤ -62.0	10	100	90	Pass
191	320	6905	6750	-73.0	3.0	-76.0	≤ -62.0	10	100	90	Pass
191	320	6905	6905	-68.0	3.0	-71.0	≤ -62.0	10	100	90	Pass
191	320	6905	7060	-73.0	3.0	-76.0	≤ -62.0	10	100	90	Pass

Note 1: Adjust Power (dBm) = AWGN Power (dBm) – Antenna Gain (dBi).

Note 2: Conducted measurements are used.

Note 3: As the Grantee's declaration, this device supports one configuration only in 802.11ax/be full RU mode and doesn't support BW reduction mechanism, channel puncturing and multi-link operation.

Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2024-05-15 ~ 2024-05-16		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6135	6135	-81	ON
			-80	Minimal
			-67	OFF
320	6265	6110	-82	ON
			-81	Minimal
			-78	OFF
320	6265	6265	-77	ON
			-76	Minimal
			-68	OFF
320	6265	6420	-85	ON
			-84	Minimal
			-77	OFF
Operation Band: U-NII 6				
20	6455	6455	-83	ON
			-82	Minimal
			-68	OFF
320	6425	6270	-85	ON
			-84	Minimal
			-83	OFF
320	6425	6425	-78	ON
			-77	Minimal
			-69	OFF
320	6425	6580	-81	ON
			-80	Minimal
			-73	OFF

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6775	6775	-83	ON
			-82	Minimal
			-68	OFF
320	6585	6430	-85	ON
			-84	Minimal
			-71	OFF
320	6585	6585	-77	ON
			-76	Minimal
			-70	OFF
320	6585	6740	-79	ON
			-78	Minimal
			-69	OFF
Operation Band: U-NII 8				
20	7015	7015	-83	ON
			-82	Minimal
			-69	OFF
320	6905	6750	-85	ON
			-84	Minimal
			-76	OFF
320	6905	6905	-77	ON
			-76	Minimal
			-71	OFF
320	6905	7060	-78	ON
			-77	Minimal
			-76	OFF

Note:

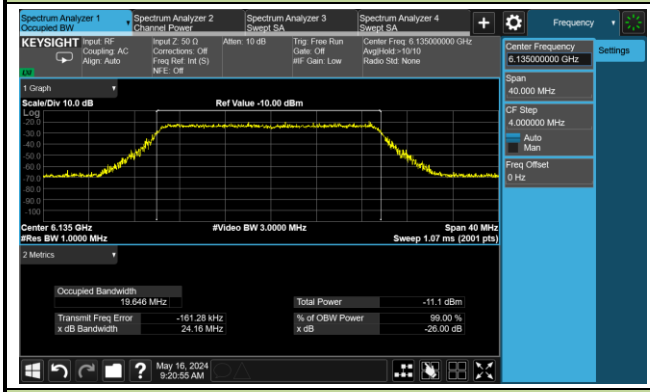
OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds

Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently

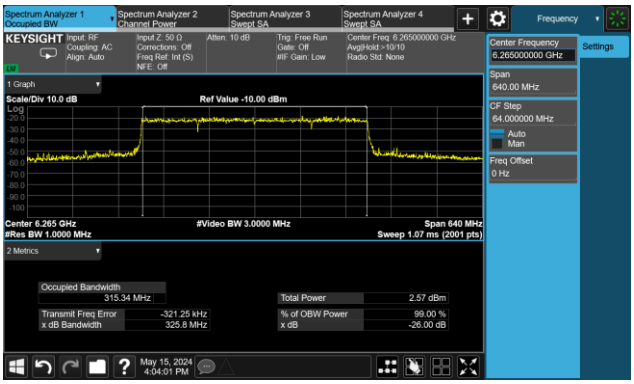
ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds

EUT Tx Waveform

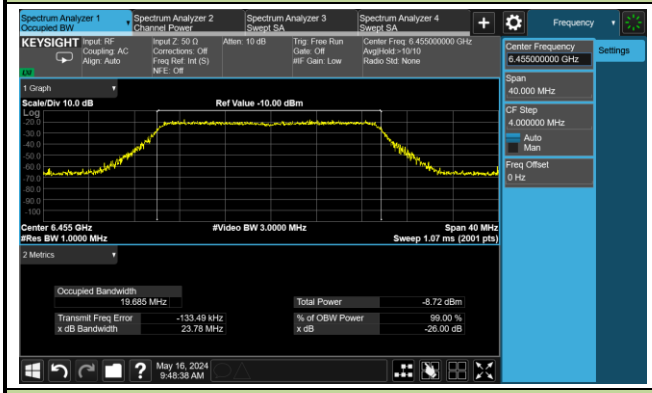
802.11be-EHT20 / CH37



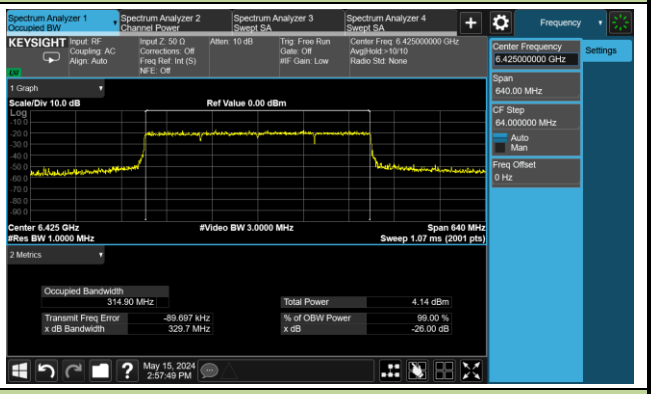
802.11be-EHT320 / CH63



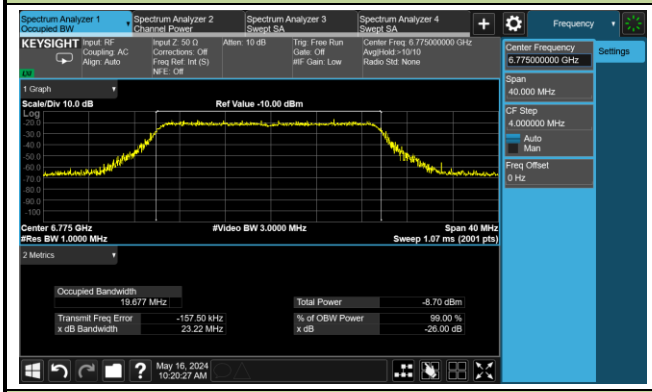
802.11be-EHT20 / CH101



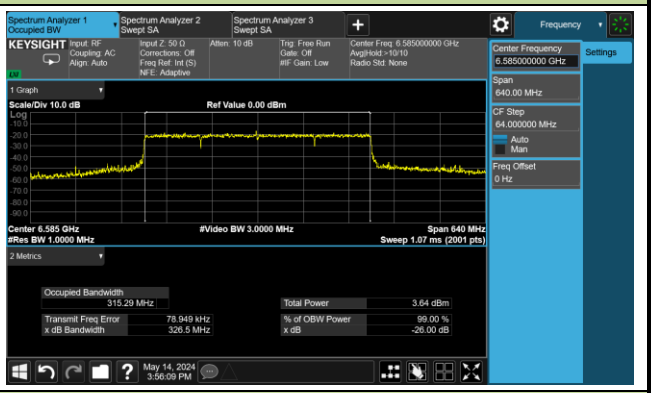
802.11be-EHT320 / CH95



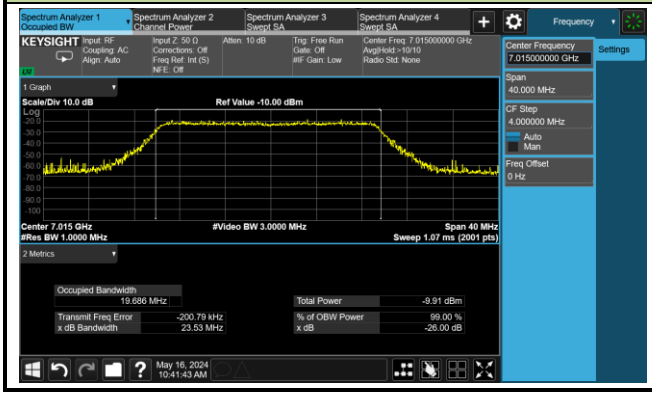
802.11be-EHT20 / CH165



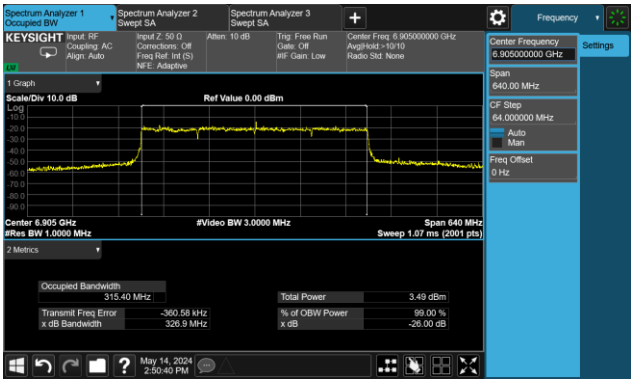
802.11be-EHT320 / CH127



802.11be-EHT20 / CH213

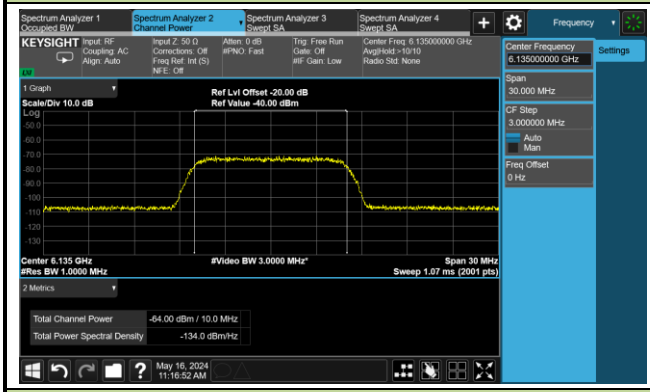


802.11be-EHT320 / CH191

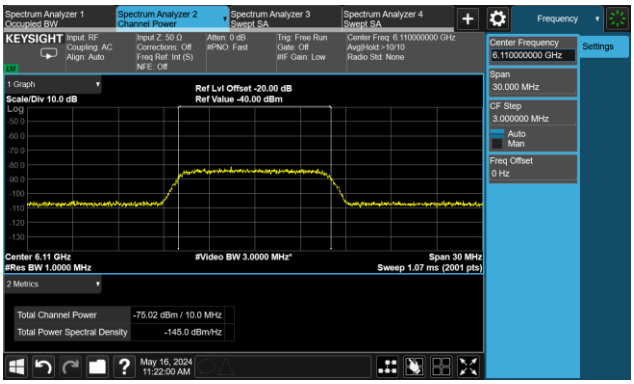


Incumbent Signal Calibration Plots (NII-5 Band)

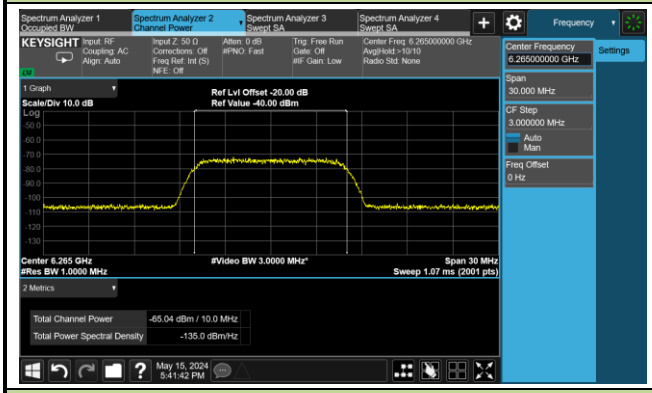
802.11be-EHT20 / CH37



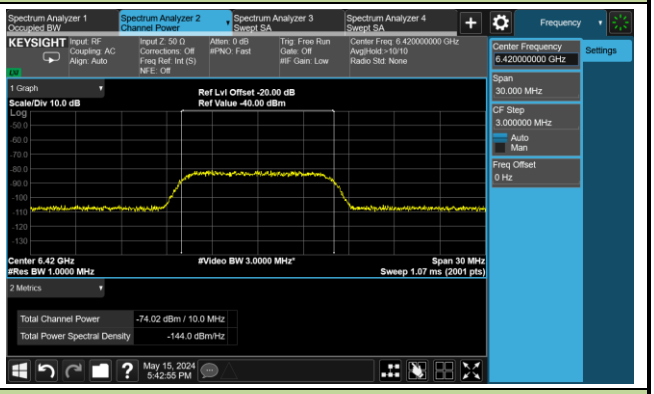
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)

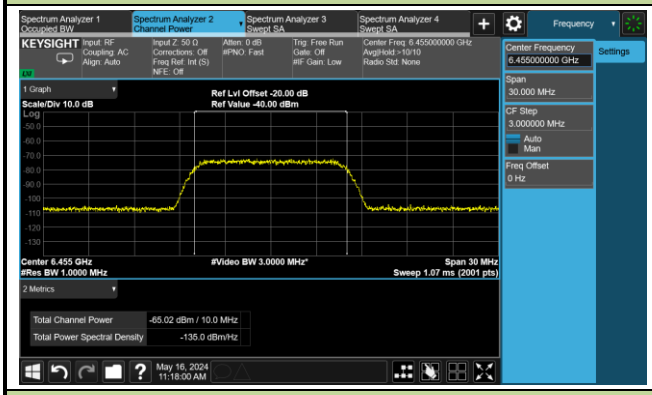


802.11be-EHT320 / CH63 (High Edge)

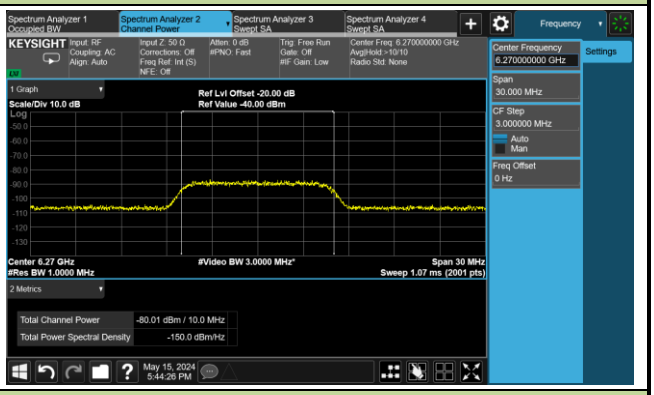


Incumbent Signal Calibration Plots (NII-6 Band)

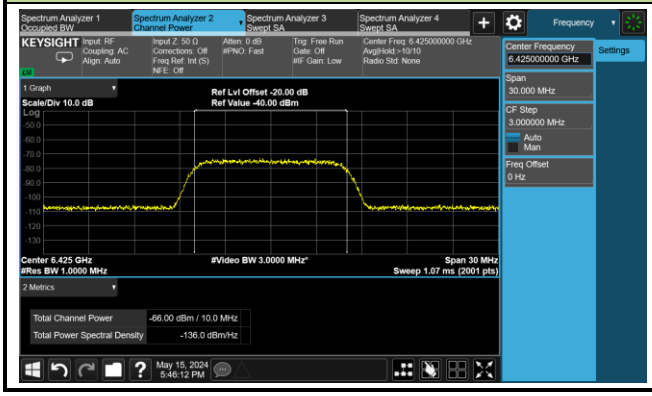
802.11be-EHT20 / CH101



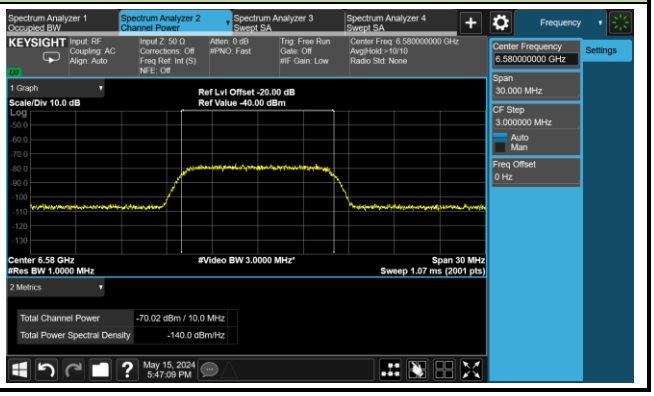
802.11be-EHT320 / CH95 (Low Edge)



802.11be-EHT320 / CH95 (Middle)

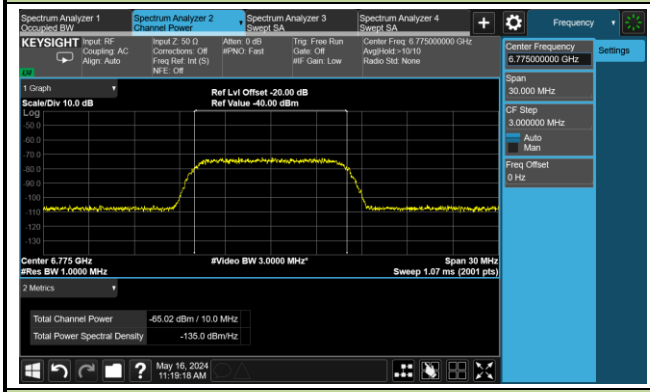


802.11be-EHT320 / CH95 (High Edge)

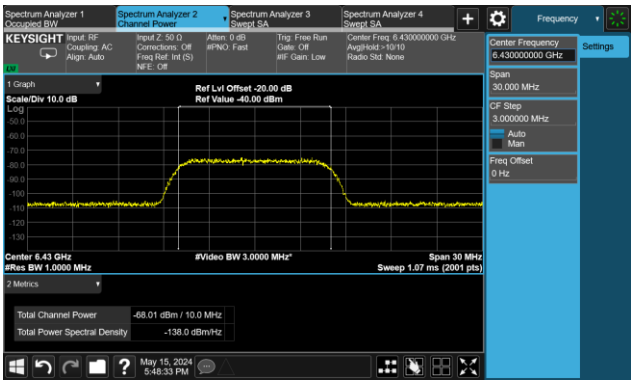


Incumbent Signal Calibration Plots (NII-7 Band)

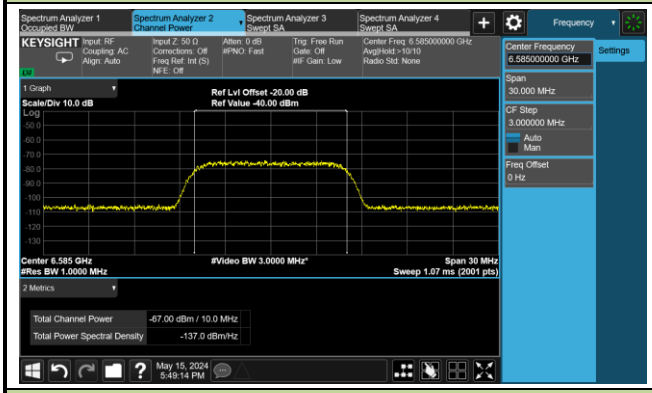
802.11be-EHT20 / CH165



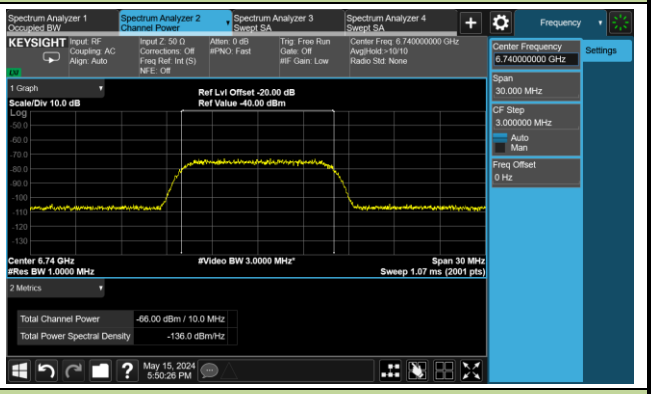
802.11be-EHT320 / CH127 (Low Edge)



802.11be-EHT320 / CH127 (Middle)

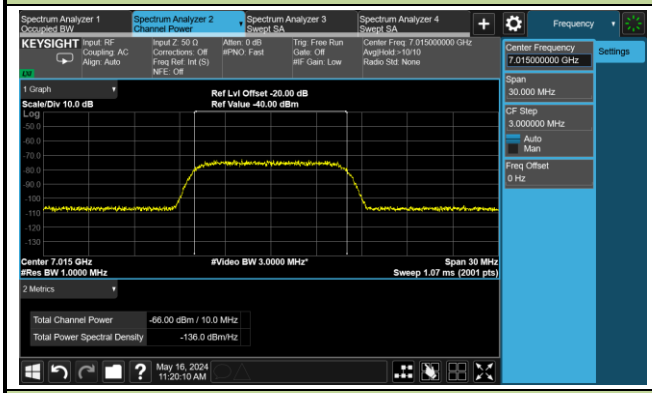


802.11be-EHT320 / CH127 (High Edge)

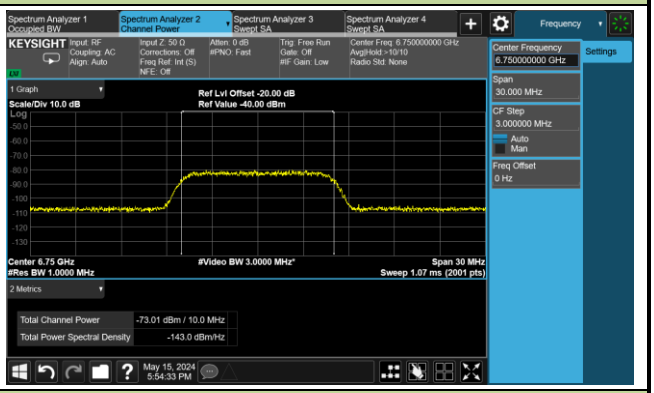


Incumbent Signal Calibration Plots (NII-8 Band)

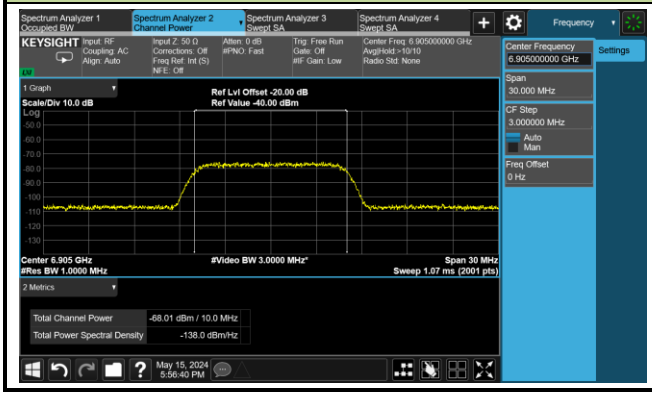
802.11be-EHT20 / CH213



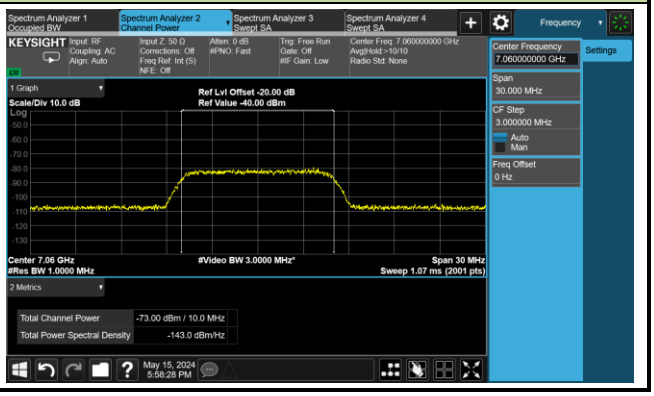
802.11be-EHT320 / CH191 (Low Edge)



802.11be-EHT320 / CH191 (Middle)

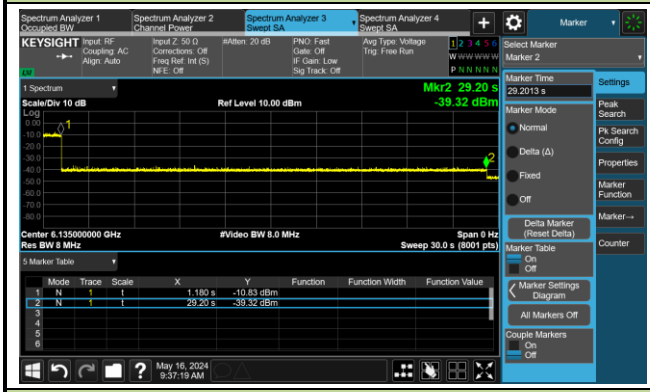


802.11be-EHT320 / CH191 (High Edge)

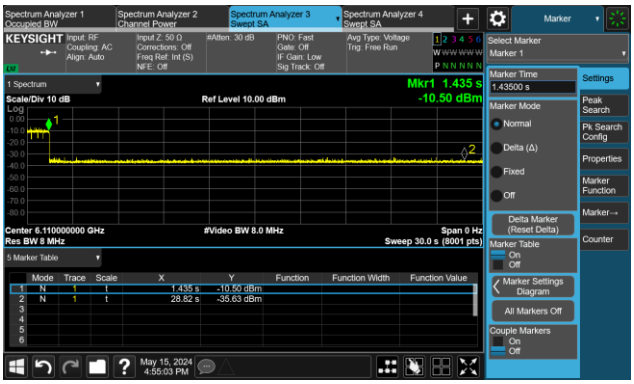


Test Result of EUT ceased transmission (NII-5 Band)

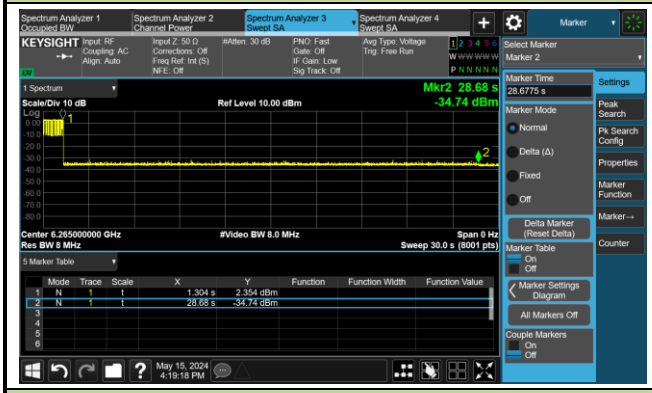
802.11be-EHT20 / CH37



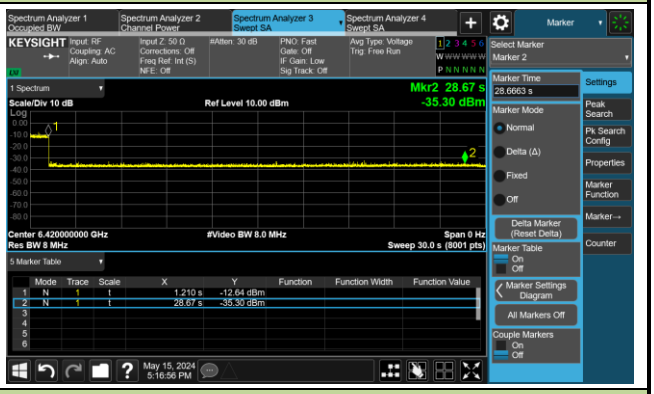
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)

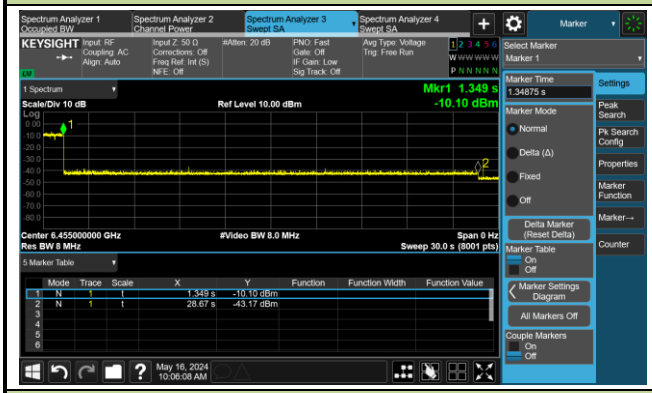


802.11be-EHT320 / CH63 (High Edge)

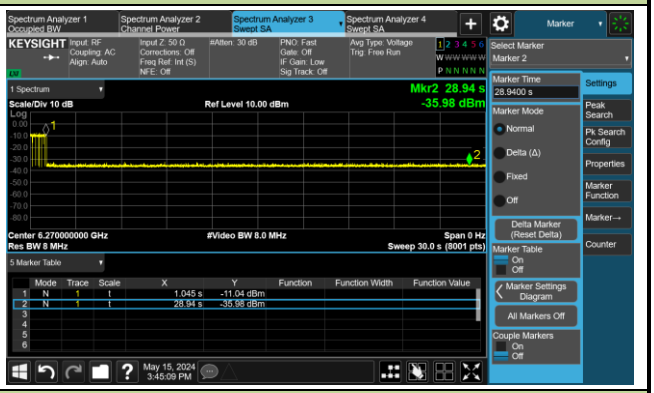


Test Result of EUT ceased transmission (NII-6 Band)

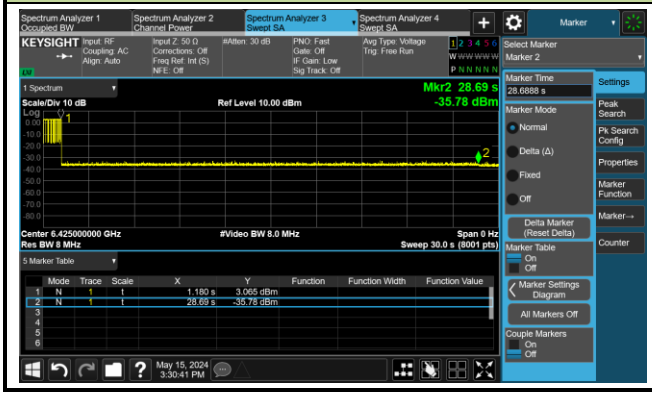
802.11be-EHT20 / CH101



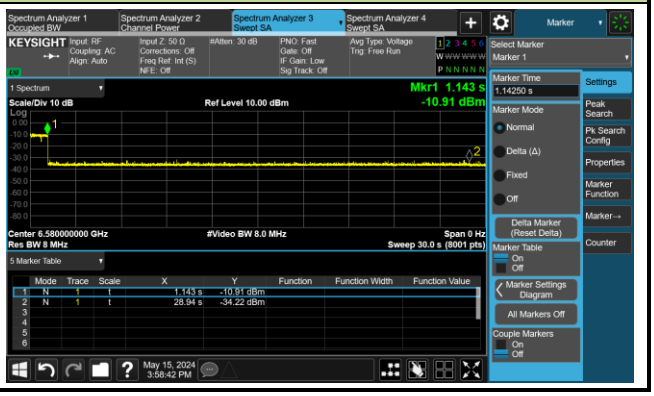
802.11be-EHT320 / CH95 (Low Edge)



802.11be-EHT320 / CH95 (Middle)

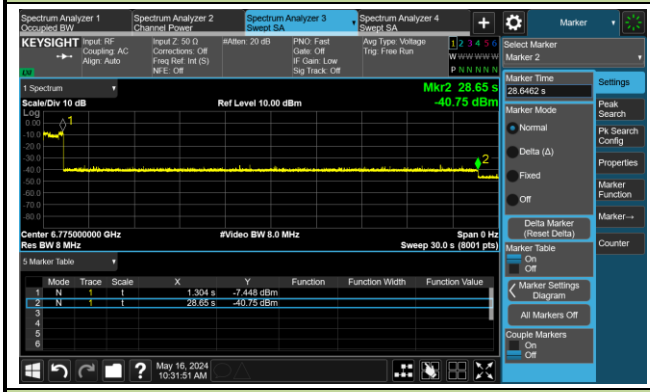


802.11be-EHT320 / CH95 (High Edge)

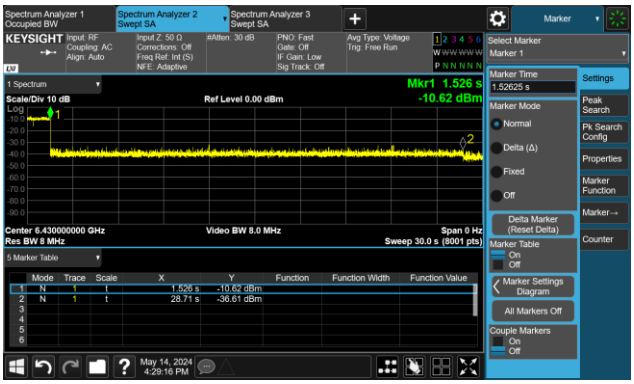


Test Result of EUT ceased transmission (NII-7 Band)

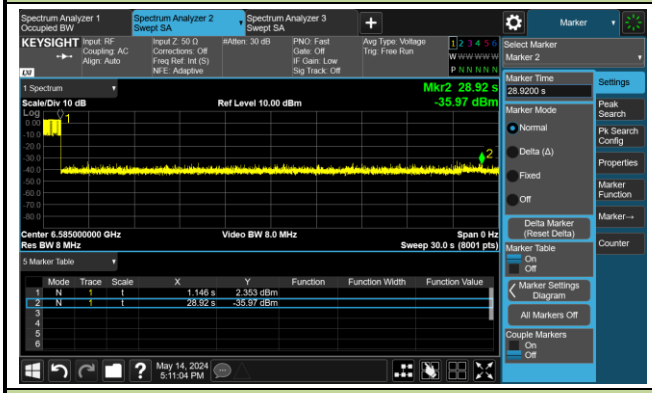
802.11be-EHT20 / CH165



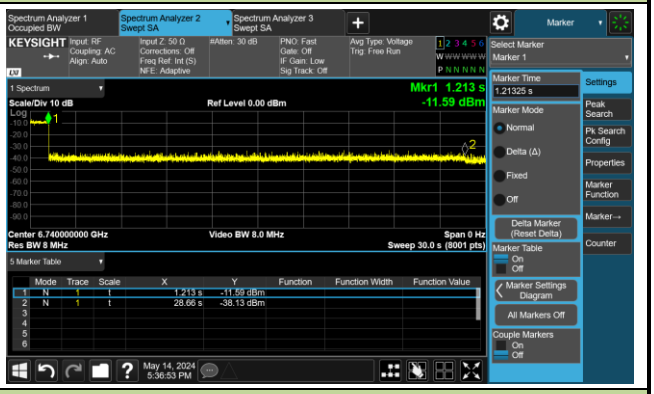
802.11be-EHT320 / CH127 (Low Edge)



802.11be-EHT320 / CH127 (Middle)

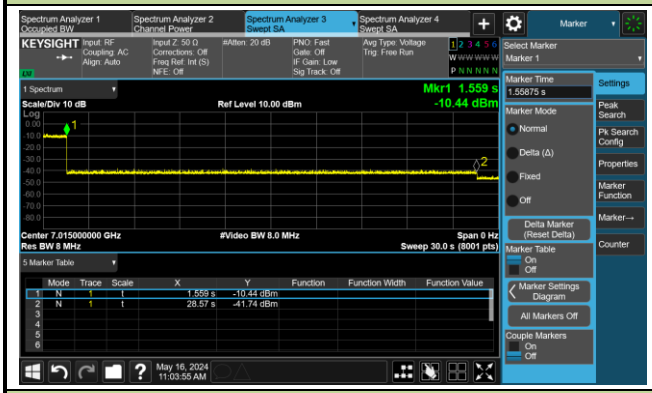


802.11be-EHT320 / CH127 (High Edge)

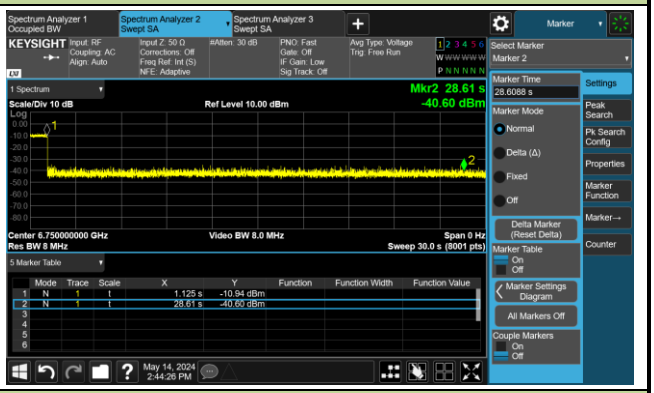


Test Result of EUT ceased transmission (NII-8 Band)

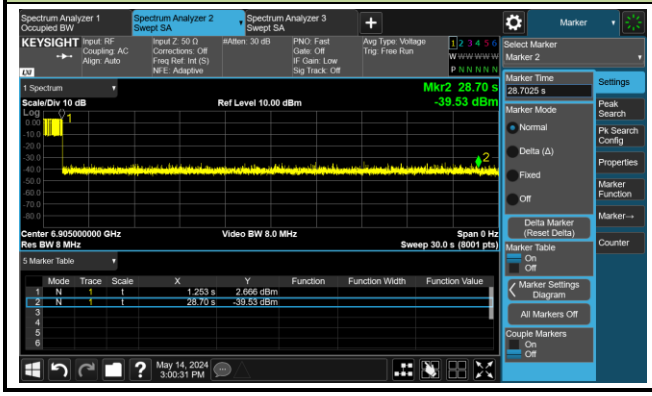
802.11be-EHT20 / CH213



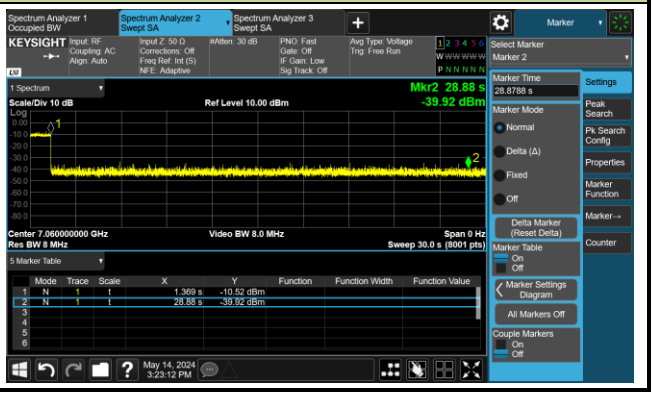
802.11be-EHT320 / CH191 (Low Edge)



802.11be-EHT320 / CH191 (Middle)



802.11be-EHT320 / CH191 (High Edge)



Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2024-05-17 ~ 2024-05-18	Test Mode	Mesh mode

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
37	20	6135	6135	-66.0	3.0	-69.0	≤ -62.0	10	100	90	Pass
63	320	6265	6110	-63.0	3.0	-66.0	≤ -62.0	10	100	90	Pass
63	320	6265	6265	-67.0	3.0	-70.0	≤ -62.0	10	100	90	Pass
63	320	6265	6420	-63.0	3.0	-66.0	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
101	20	6455	6455	-70.0	3.0	-73.0	≤ -62.0	10	100	90	Pass
95	320	6425	6270	-66.0	3.0	-69.0	≤ -62.0	10	100	90	Pass
95	320	6425	6425	-67.0	3.0	-70.0	≤ -62.0	10	100	90	Pass
95	320	6425	6580	-71.0	3.0	-74.0	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
165	20	6775	6775	-69.0	3.0	-72.0	≤ -62.0	10	100	90	Pass
127	320	6585	6430	-65.0	3.0	-68.0	≤ -62.0	10	100	90	Pass
127	320	6585	6585	-68.0	3.0	-71.0	≤ -62.0	10	100	90	Pass
127	320	6585	6740	-64.0	3.0	-67.0	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-67.0	3.0	-70.0	≤ -62.0	10	100	90	Pass
191	320	6905	6750	-63.0	3.0	-66.0	≤ -62.0	10	100	90	Pass
191	320	6905	6905	-67.0	3.0	-70.0	≤ -62.0	10	100	90	Pass
191	320	6905	7060	-65.0	3.0	-68.0	≤ -62.0	10	100	90	Pass

Note 1: Adjust Power (dBm) = AWGN Power (dBm) – Antenna Gain (dBi).

Note 2: Conducted measurements are used.

Note 3: As the Grantee's declaration, this device supports one configuration only in 802.11ax/be full RU mode and doesn't support BW reduction mechanism, channel puncturing and multi-link operation.

Test Site	WZ-SR5	Test Engineer	Jeff Yang
Test Date	2024-05-17 ~ 2024-05-18		

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6135	6135	-88	ON
			-87	Minimal
			-69	OFF
320	6265	6110	-77	ON
			-76	Minimal
			-66	OFF
320	6265	6265	-78	ON
			-77	Minimal
			-70	OFF
320	6265	6420	-74	ON
			-73	Minimal
			-66	OFF
Operation Band: U-NII 6				
20	6455	6455	-93	ON
			-92	Minimal
			-73	OFF
320	6425	6270	-77	ON
			-76	Minimal
			-69	OFF
320	6425	6425	-79	ON
			-78	Minimal
			-70	OFF
320	6425	6580	-80	ON
			-79	Minimal
			-74	OFF

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6775	6775	-91	ON
			-90	Minimal
			-72	OFF
320	6585	6430	-77	ON
			-76	Minimal
			-68	OFF
320	6585	6585	-79	ON
			-78	Minimal
			-71	OFF
320	6585	6740	-74	ON
			-73	Minimal
			-67	OFF
Operation Band: U-NII 8				
20	7015	7015	-81	ON
			-80	Minimal
			-70	OFF
320	6905	6750	-73	ON
			-72	Minimal
			-66	OFF
320	6905	6905	-81	ON
			-80	Minimal
			-70	OFF
320	6905	7060	-77	ON
			-76	Minimal
			-68	OFF

Note:

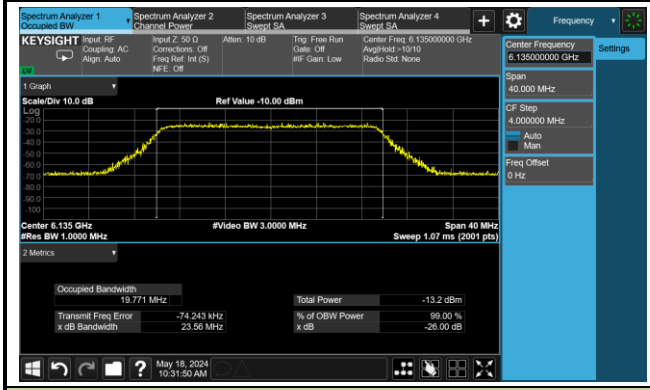
OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds

Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently

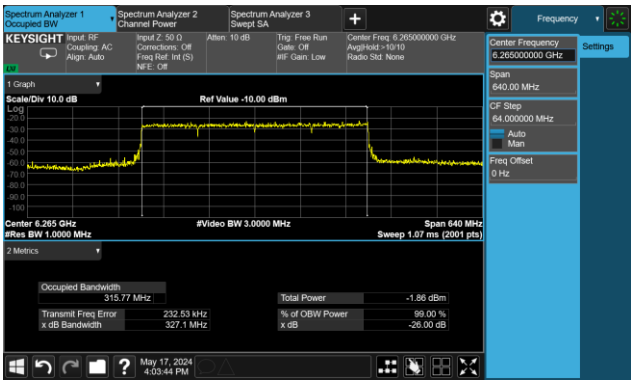
ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds

EUT Tx Waveform

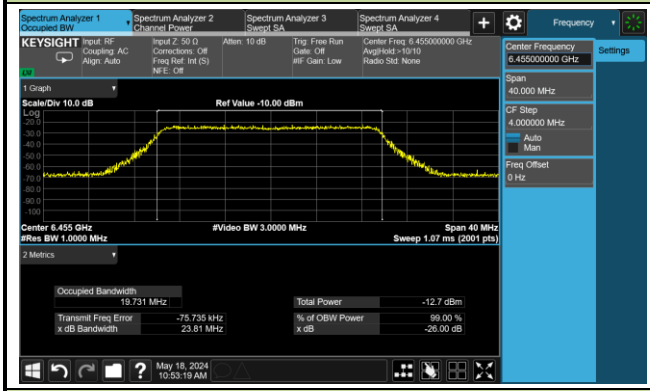
802.11be-EHT20 / CH37



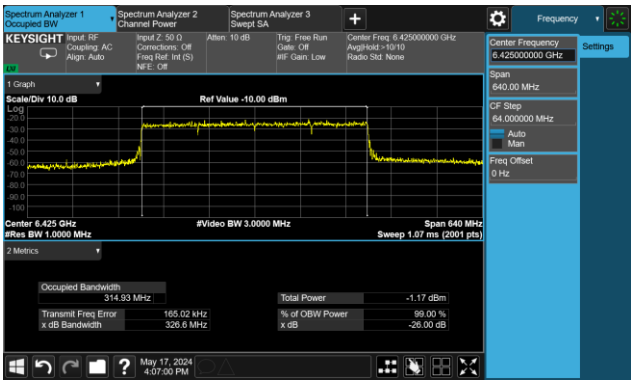
802.11be-EHT320 / CH63



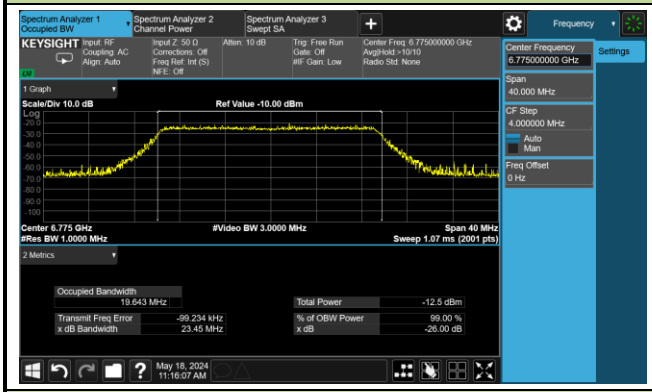
802.11be-EHT20 / CH101



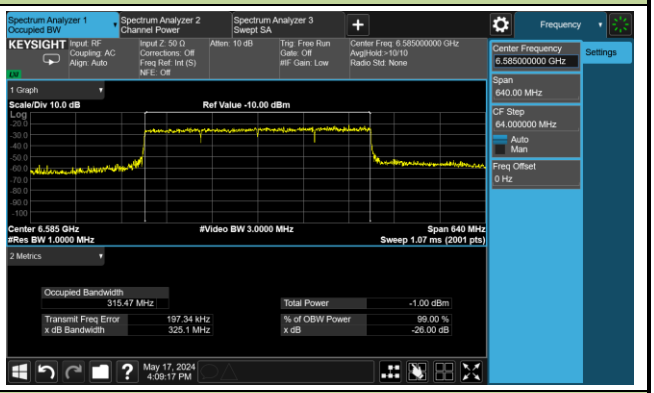
802.11be-EHT320 / CH95



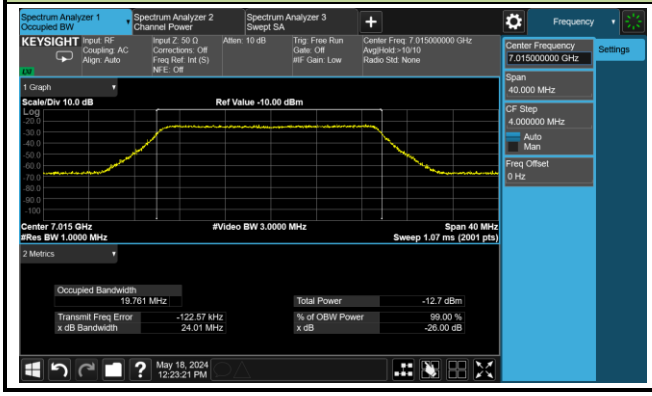
802.11be-EHT20 / CH165



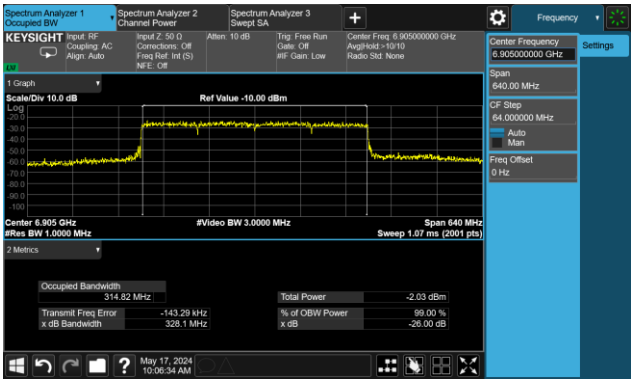
802.11be-EHT320 / CH127



802.11be-EHT20 / CH213

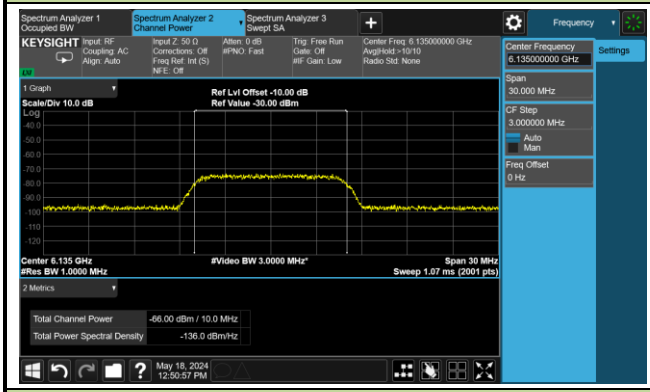


802.11be-EHT320 / CH191

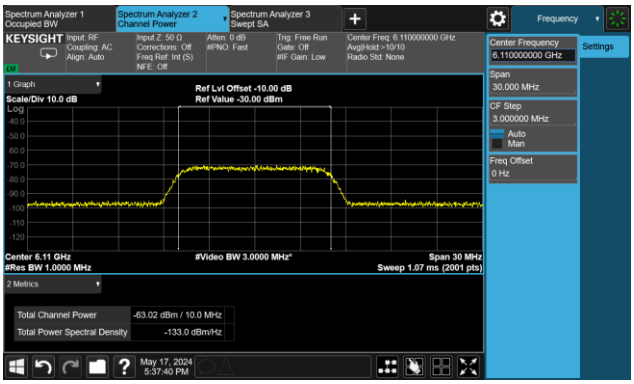


Incumbent Signal Calibration Plots (NII-5 Band)

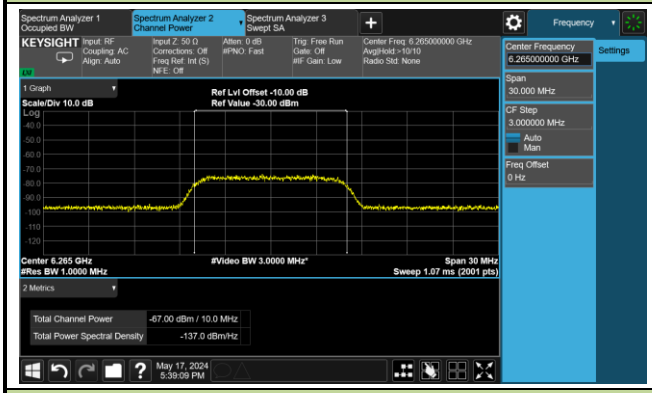
802.11be-EHT20 / CH37



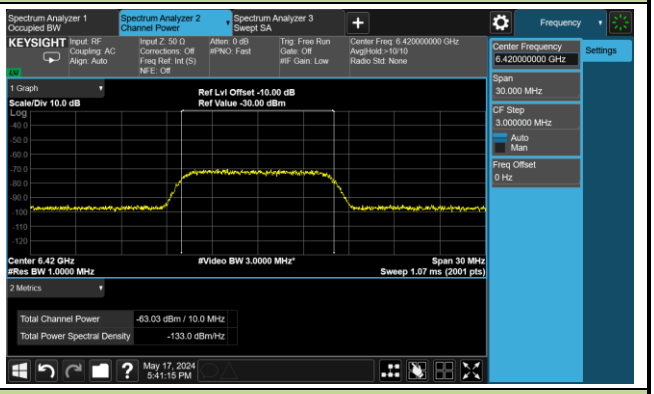
802.11be-EHT320 / CH63 (Low Edge)



802.11be-EHT320 / CH63 (Middle)

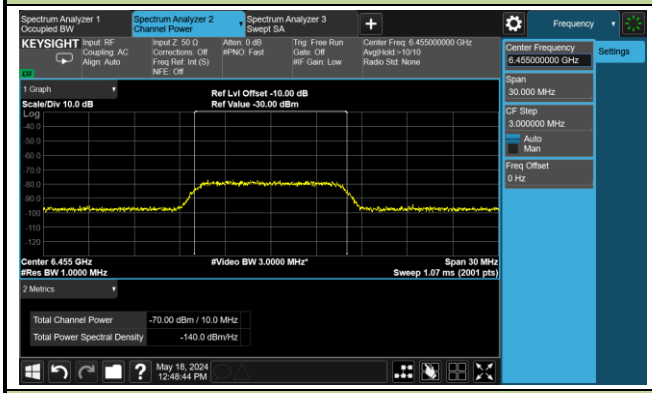


802.11be-EHT320 / CH63 (High Edge)

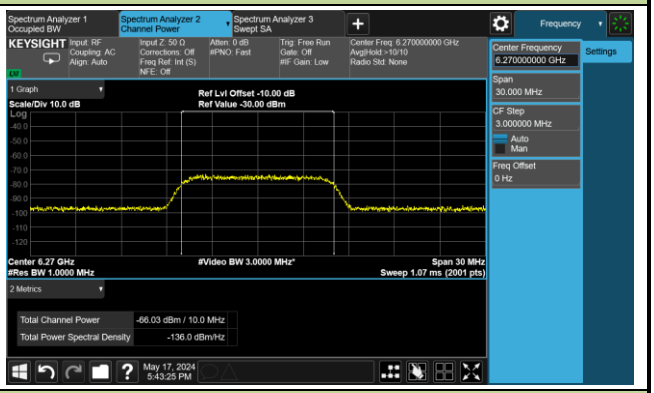


Incumbent Signal Calibration Plots (NII-6 Band)

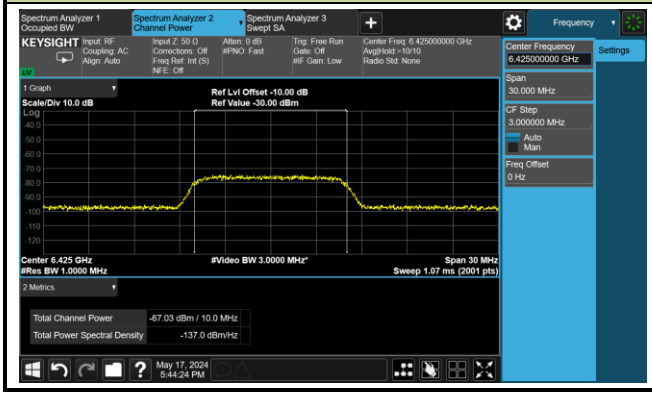
802.11be-EHT20 / CH101



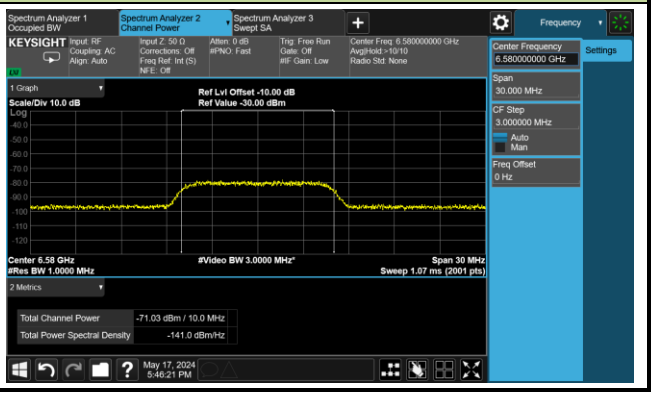
802.11be-EHT320 / CH95 (Low Edge)



802.11be-EHT320 / CH95 (Middle)

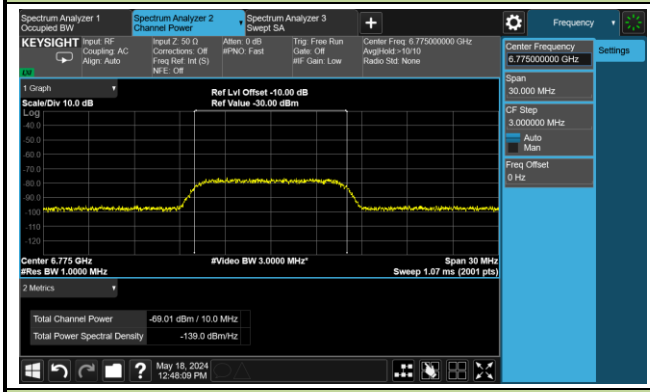


802.11be-EHT320 / CH95 (High Edge)

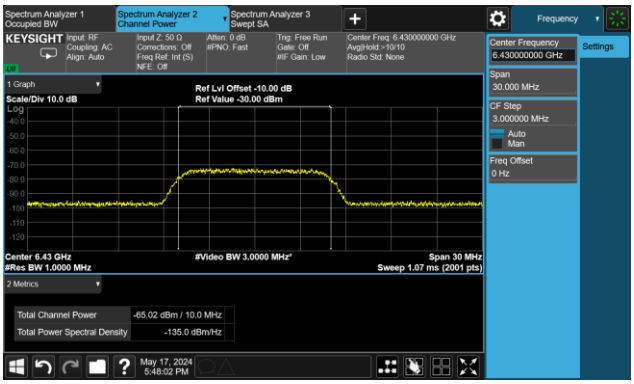


Incumbent Signal Calibration Plots (NII-7 Band)

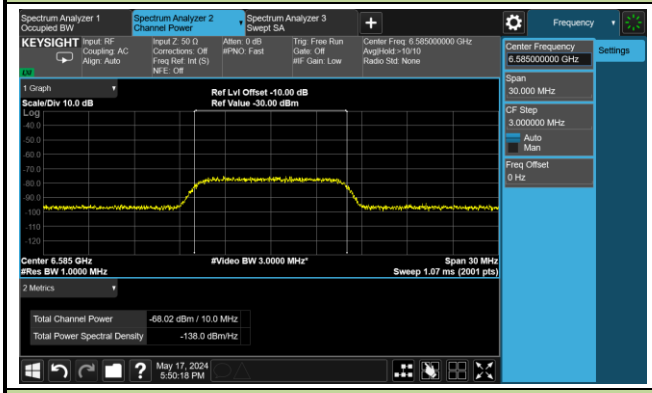
802.11be-EHT20 / CH165



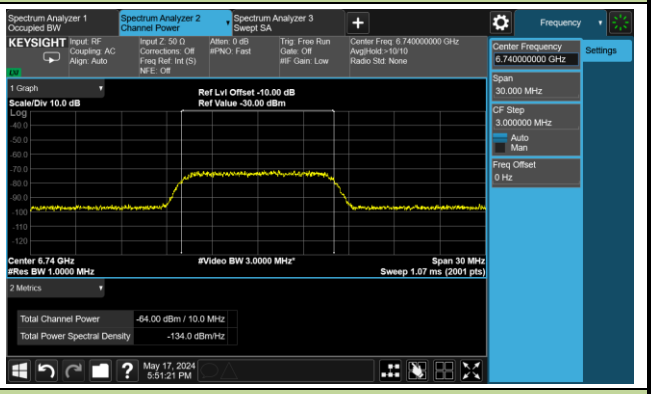
802.11be-EHT320 / CH127 (Low Edge)



802.11be-EHT320 / CH127 (Middle)

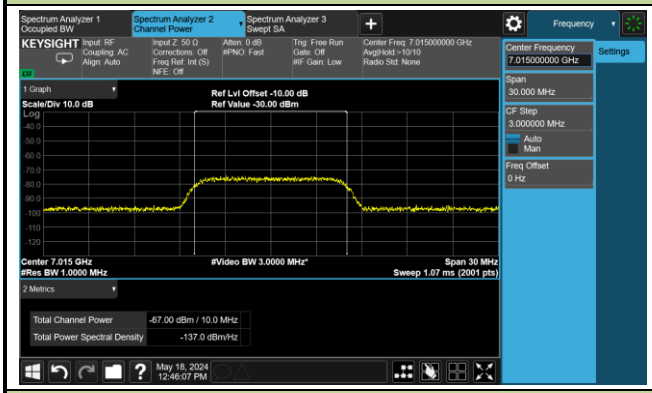


802.11be-EHT320 / CH127 (High Edge)

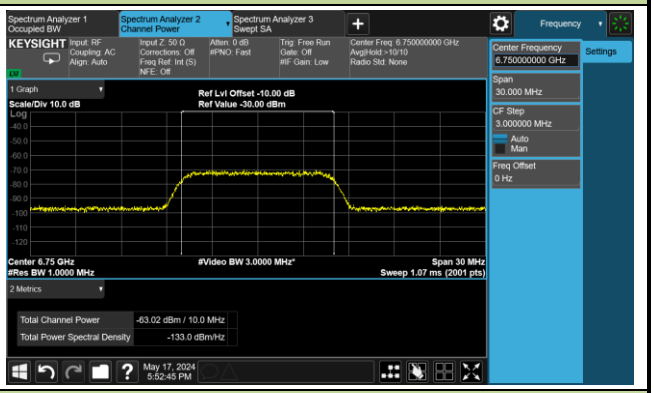


Incumbent Signal Calibration Plots (NII-8 Band)

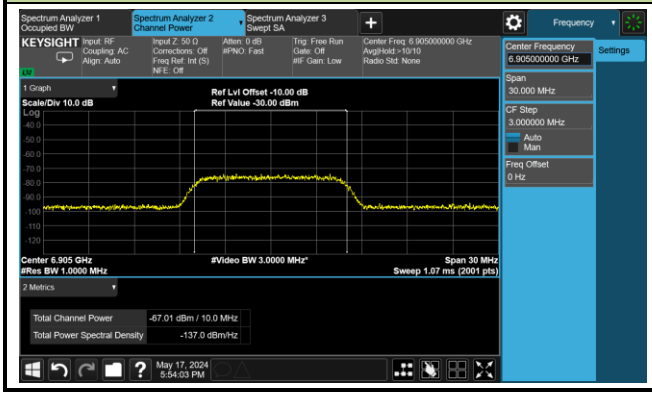
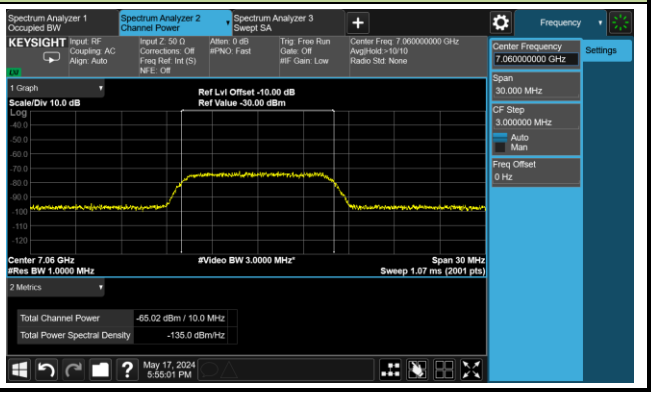
802.11be-EHT20 / CH213



802.11be-EHT320 / CH191 (Low Edge)



802.11be-EHT320 / CH191 (Middle)



802.11be-EHT320 / CH191 (High Edge)