

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



Applicant:	Microsoft Corporation
Manufacturer:	One Microsoft Way, Redmond, WA 98052-6399, U.S.A Microsoft Corporation One Microsoft Way, Redmond, WA 98052-6399, U.S.A
Product Name:	Portable Computing Device
Brand Name:	Microsoft
Model No.:	2035
Model Difference:	N/A
Report Number:	TERF2402000429ER
FCC ID	Contains FCC ID: C3K2035
IC:	Contains IC: 3048A-2035
Date of EUT Received:	November 22, 2023
Date of Test:	November 22, 2023~January 31, 2024
Issue Date:	February 27, 2024

Men Lay

Approved By

Blue Yana

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.407, ISED RSS-248.

The results of this report relate only to the sample identified in this report.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Revision History						
Report Number	Revision	Description	Issue Date	Revised By	Remark	
TERF2402000429ER	00	Original	February 23, 2024	Karen Huang		
TERF2402000429ER	01	Update section 7.4	February 27, 2024	Karen Huang	*	

Note:

1 . The remark "*" indicates modification of the report upon requests from certification body.

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GENERAL INFORMATION 1

1.1 **Product Description**

Product Name:	Portable Computing Device		
Brand Name:	Microsoft		
Model No.:	2035		
Model Difference:	N/A		
Radio Test Tool & Version:	DRTU_23.10.0		
Normal Test Version:	Driver_23.10.0.8		
Power Supply:	7.58Vdc from Rechargeable Li-ion Battery		

Note: This report is for host M/N: 2035 which contains the module FCC ID: C3K2035. Note: This report is for host M/N: 2035 which contains the module IC ID: 3048A-2035.

1.2 Modulation & Data Rate

	64QAM, 16QAM, QPSK, BPSK for OFDM
Modulation type:	256QAM for OFDM in 802.11ac only
	1024QAM for OFDMA in 802.11ax only
	802.11 a: 6.5 - 54 Mbps
	802.11 n_20MHz: 6.5 - 144.4 Mbps
	802.11 n_40MHz: 13.5 - 300 Mbps
	802.11 ac_20MHz: 6.5 - 173.4 Mbps
	802.11 ac_40MHz: 13.5 - 400 Mbps
Transition Rate:	802.11 ac_VHT80MHz: 29.3~866.7Mbps
	802.11 ac_VHT160MHz: 58.5~1733.3Mbps
	802.11 ax_20MHz: 8.6 - 286.8 Mbps
	802.11 ax_HE40MHz: 17.2~573.5Mbps
	802.11 ax_HE80MHz: 36 - 1201 Mbps
	802.11 ax_HE160MHz: 72.1~2401.9Mbps

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1.3 Antenna Designation

Antenna Type	Antenna Port	Freq. (MHz)	Peak Antenna Gain (dBi)
		5925~6425	6.7
	Chain A(Aux Ant)	6425~6525	6.6
		6525~6875	7.5
		6875~7125	7.3
PIFA		5925~6425	7.4
		6425~6525	7.1
	Chain B(Main Ant)	6525~6875	7.1
		6875~7125	6.0

Note:

- Pre-scanned was done on the above antennas, measurements were demonstrated by using the an-1. tenna with the Lowest gain as the worst case scenarios.
- Antenna information is provided by the applicant. 2.

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1.4 **Test Methodology of Applied Standards** FCC Part 15, Subpart E §15.407 RSS-248, issue 2 Dec, 2022 RSS-Gen, Issue 5 April 2018 FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01

1.5 **Test Facility**

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier
		SAC 1		
		SAC 2		
		SAC 3		
	No. 124 Mu Kung Dood, Now Toingi	Conduction 1		
	No.134, Wu Kung Road, New Taipei	Conducted 1	TW0027	
	Industrial Park, Wuku District, New	Conducted 2	100027	TW3702
	Taipei City, Taiwan.	Conducted 3		
		Conducted 4	-	
		Conducted 5		
SGS Taiwan Ltd.		Conducted 6		
Central RF Lab.		Conduction C	-	
(TAF code 3702)		SAC C		
		SAC D		
		SAC G		
		Conducted A		
	No.2, Keji 1st Rd., Guishan District,	Conducted B	TW0028	
	Taoyuan City, Taiwan 333	Conducted C		
		Conducted D		
		Conducted E	1	
		Conducted F]	
		Conducted G		
	ame is remarked on the equipmen measurements occurred in specil		•	s an indica

1.6 **Special Accessories**

There are no special accessories used while test was conducted.

Equipment Modifications 1.7

There was no modification incorporated into the EUT.

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SYSTEM TEST CONFIGURATION 2

2.1 **EUT Configuration**

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 **EUT Exercise**

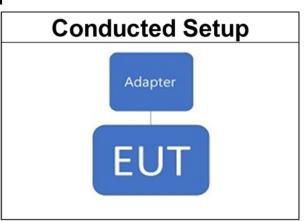
An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

2.3 **Test Procedure**

2.3.1 **CBP** Test

The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer and signal generator and companion device to perform the test.

Test Configuration 2.4



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SUMMARY OF TEST RESULT 3

FCC Rules	ISED Rules	Description Of Test	Result
§15.407(d)(6)	RSS-248 §4.8	contention-based protocol	Compliant

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80MHz

СН

103

Freq.

(MHz

6465



DESCRIPTION OF TEST MODES 4

4.1 **Operating Frequencies**

UNII-5 5925~6425 MHz

20MHz			40	MHz	
СН	Freq. (MHz	СН	Freq. (MHz	СН	Freq. (MHz
1	5955	49	6195	3	5965
5	5975	53	6215	11	6005
9	5995	57	6235	19	6045
13	6015	61	6255	27	6085
17	6035	65	6275	35	6125
21	6055	69	6295	43	6165
25	6075	73	6315	51	6205
29	6095	77	6335	59	6245
33	6115	81	6355	67	6285
37	6135	85	6375	75	6325
41	6155	89	6395	83	6365
45	6175	93	6415	91	6405

0MHz			160	MHz
	Freq.	СН		Freq.
	(MHz		OII	(MHz
	5985		15	6025
	6065		47	6185
	6145		79	6345
	6225			

80

СН

7

23

39

55

71

87

6305

6385

UNII-6 6425~6525 MHz				
20MHz			40	MHz
СН	Freq.		СН	Freq.
CIT	(MHz		CH	(MHz
97	6435		99	6445
101	6455		107	6485
105	6475		115	6525
109	6495			
113	6515			

160MHz				
СН	Freq.			
СП	(MHz			
111	6505			

UNII-	7 6525	ō~687	5 MHz										UNII-8 6875~7125 MHz										
	20MHz 40MHz							80MHz			160MHz		20MHz			40MHz			80MHz		160MHz		
СН	Freq.	СН	Freq.		СН	Freq.	С	Η	Freq.		СН	Freq.	СН	Freq.		СН	Freq.		СН	Freq.	СН	Freq.	
	(MHz		(MHz			(MHz			(MHz			(MHz		(MHz			(MHz			(MHz		(MHz	
117	6535	153	6715		123	6565	1	9	6545		143	6665	189	6895		187	6885		199	6945	207	6985	
121	6555	157	6735		131	6605	13	35	6625		175	6825	193	6915		195	6925		215	7025			
125	6575	161	6755		139	6645	15	51	6705				197	6935		203	6965						
129	6595	165	6775		147	6685	16	57	6785				201	6955		211	7005						
133	6615	169	6795		155	6725	18	33	6865				205	6975		219	7045						
137	6635	173	6815		163	6765							209	6995		227	7085						
141	6655	177	6835		171	6805							213	7015									
145	6675	181	6855		179	6845							217	7035									
149	6695	185	6875										221	7055									
													225	7075									
													229	7095									

Note: This device does not support channel puncturing and does not support channel bandwidth reduction.

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4.2 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.

Modulation		Transmission Chain								Tra	Single ansmission Spatial	Multiple Transmission Spatial		
	802.11 a		Ch0		Ch1		Ch2		Ch3		SISO		ChainA+ChainB	
	802.11 n		Ch0		Ch1		Ch2		Ch3		SISO		ChainA+ChainB	
	802.11 ac		Ch0		Ch1		Ch2		Ch3		SISO		ChainA+ChainB	
v	802.11 ax	۷	Ch0	۷	Ch1		Ch2		Ch3		SISO	۷	ChainA+ChainB	

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5 MEASUREMENT UNCERTAINTY

Test Items	L	Incertair	nty
Generated signal levels, conducted	+/-	0.97	dB
Generated signal levels, radiated	+/-	2.15	dB
Temperature	+/-	0.6	°C
Humidity	+/-	3	%
DC / AC Power Source	+/-	1	%

Note:

- 1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
- 2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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MEASUREMENT EQUIPMENT USED 6

	C	onducted Emission 1	Fest Site: Conducted	5	
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY59071406	06/15/2023	06/14/2024
Frequency Extender	KEYSIGHT	N5182BX07	MY59360217	03/07/2023	03/06/2024
Signal Generator	KEYSIGHT	N5182B	MY59100743	03/07/2023	03/06/2024
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R
Attenuator	Agilent	8495B	3308A22470	12/12/2023	12/11/2024
Attenuator	HP	8494B	2812A17605	12/12/2023	12/11/2024
DC Block	Mini-Circuits	BLK-18-S+	4	12/12/2023	12/11/2024
Splitter	RF-LAMBAD	RFLT2W1G18G	11-JSPF412-020	12/12/2023	12/11/2024
Splitter	Titan	T0510E4W118Q	22015177	12/12/2023	12/11/2024
Splitter	RF-LAMBDA	RFLT4W1G18G	SPCD10-010	12/12/2023	12/11/2024
Accece Ponit	ASUS	GT-AXE11000	M3IAJF201730	N/A	N/A

6.1 **Contention based protocol measurement**

NOTE: N.C.R refers to Not Calibrated Required.

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7 CONTENTION BASED PROTOCOL

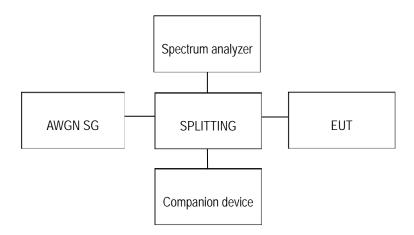
7.1 Standard Applicable

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty

7.2 Test Setup



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7.3 Measurement Procedure

- 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, Ensure that the attenuator provides enough attenuation to not overload the signal analyzer receiver.
- 4. Using an AWGN signal source a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
- **5.** Set the AWGN signal power to an extremely low level (more than 20 dB below -62 dBm threshold). Connect the AWGN signal source, via splitter, to the signal analyzer and the EUT
- **6.** Monitor the signal analyzer 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
- 7. (Including all losses in the RF paths) 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.
- 8. 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 4, choose a different center frequency for the AWGN signal and repeat the process(as figure1)

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Table 1. Criteria to determine number of times detection threshold test may be performed

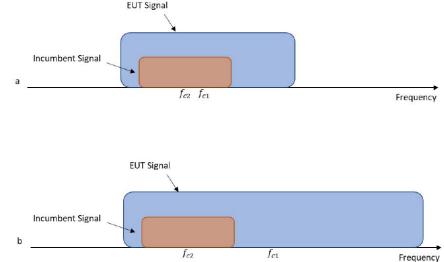


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

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7.4 **Measurement Result**

CBP Detection 7.4.1

	Contention Based Protocol															
	UNII	Center	Incumbent	Adjusted		Det	ection		Detection	Limit						
Mode	Band	Frequency (MHz)	Frequency (MHz)	Power (dBm)	1	2	3	4	5	6	7	8	9	10	Probability (%)	(%)
802.11ax HE20	5	6175	6175	-71.02	1	1	1	1	1	1	1	1	1	1	100	90
			6110	-76.30	1	1	1	1	1	1	1	1	1	0	90	90
802.11ax HE160	5	6185	6185	-71.18	1	1	1	1	1	0	1	1	1	1	90	90
			6260	-69.13	1	1	1	0	1	1	1	1	1	1	90	90
802.11ax HE20	6	6475	6475	-71.09	1	1	1	1	1	1	1	1	1	1	100	90
	6		6430	-75.16	1	1	1	1	1	1	1	1	1	0	90	90
802.11ax HE160		6505	6505	-69.16	1	1	0	1	1	1	1	1	1	1	90	90
			6580	-68.29	1	1	1	1	1	1	1	0	1	1	90	90
802.11ax HE20	7	6695	6695	-69.11	1	1	1	1	1	1	1	1	1	1	100	90
			6590	-70.12	1	1	1	1	0	1	1	1	1	1	90	90
802.11ax HE160	7	6665	6665	-69.18	1	1	0	1	1	1	1	1	1	1	90	90
			6740	-73.32	1	1	1	1	1	0	1	1	1	1	90	90
802.11ax HE20	8	6995	6995	-70.08	1	1	1	1	1	1	1	1	0	1	90	90
			6910	-68.24	1	1	1	0	1	1	1	1	1	1	90	90
802.11ax HE160	8	6985	6985	-68.14	1	1	1	1	1	1	0	1	1	1	90	90
			7060	-73.19	1	1	0	1	1	1	1	1	1	1	90	90

Note : Adjusted Power : Injected AWGN + minimum antenna gain

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7.4.2 CBP_Threshold_Level

		с	ontention Base	d Protocol Thr	eshold Level Ve	erify						
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status				
			6175	-64.32	6.7	-71.02	-62	OFF				
802.11ax HE20	5	6175	6175	-65.32	6.7	-72.02	-62	Minimal				
			6175	-71.32	6.7	-78.02	-62	ON				
			6110	-69.60	6.7	-76.30	-62	OFF				
			6110	-70.60	6.7	-77.30	-62	Minimal				
								6110	-71.60	6.7	-78.30	-62
			6185	-64.48	6.7	-71.18	-62	OFF				
802.11ax HE160	5	6185	6185	-65.48	6.7	-72.18	-62	Minimal				
			6185	-68.48	6.7	-75.18	-62	ON				
			6260	-62.43	6.7	-69.13	-62	OFF				
			6260	-63.43	6.7	-70.13	-62	Minimal				
			6260	-64.43	6.7	-71.13	-62	ON				

Note1 : Adjusted Power : Injected AWGN + minimum antenna gain

Note2 : Injected AWGN level at the EUT antenna port with no additional correction for antenna gain.

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		С	contention Base	d Protocol Thr	eshold Level V	erify															
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status													
			6475	-64.49	6.6	-71.09	-62	OFF													
802.11ax HE20	6	6475	6475	6475	-65.49	6.6	-72.09	-62	Minimal												
			6475	-69.49	6.6	-76.09	-62	ON													
			6430	-68.56	6.6	-75.16	-62	OFF													
		6505	6430	-69.56	6.6	-76.16	-62	Minimal													
			6505	6505	6505	6505	6505	6505	6505	6505	6505	6430	-70.56	6.6	-77.16	-62	ON				
												6505	6505	-62.56	6.6	-69.16	-62	OFF			
802.11ax HE160	6												6505	6505	6505	6505	6505	6505	6505	6505	6505
								6505	-67.56	6.6	-74.16	-62	ON								
			6580	-61.69	6.6	-68.29	-62	OFF													
			6580	-62.69	6.6	-69.29	-62	Minimal													
			6580	-64.69	6.6	-71.29	-62	ON													

Note1 : Adjusted Power : Injected AWGN + minimum antenna gain

Note2 : Injected AWGN level at the EUT antenna port with no additional correction for antenna gain.

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		c	Contention Base	d Protocol Thr	eshold Level V	erify																
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status														
			6695	-62.01	7.1	-69.11	-62	OFF														
802.11ax HE20	7	6695	6695	6695	6695	-63.01	7.1	-70.11	-62	Minimal												
			6695	-71.01	7.1	-78.11	-62	ON														
			6590	-63.02	7.1	-70.12	-62	OFF														
		6665	6590	-64.02	7.1	-71.12	-62	Minimal														
			6665	6665	6665	6665	6665	6665	6665		6590	-65.02	7.1	-72.12	-62	ON						
										6665	-62.08	7.1	-69.18	-62	OFF							
802.11ax HE160	7									6665	6665	6665	6665	6665	6665	6665	6665	-63.08	7.1	-70.18	-62	Minimal
										6665	-67.08	7.1	-74.18	-62	ON							
			6740	-66.22	7.1	-73.32	-62	OFF														
			6740	-67.22	7.1	-74.32	-62	Minimal														
			6740	-69.22	7.1	-76.32	-62	ON														

Note1 : Adjusted Power : Injected AWGN + minimum antenna gain

Note2 : Injected AWGN level at the EUT antenna port with no additional correction for antenna gain.

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		С	ontention Base	d Protocol Thr	eshold Level V	erify															
Mode	UNII Band	Center Frequency (MHz)	Incumbent Frequency (MHz)	Injected AWGN (dBm)	Antenna Gain (dBi)	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status													
			6995	-64.08	6.0	-70.08	-62	OFF													
802.11ax HE20	8	6995	6995	6995	-65.08	6.0	-71.08	-62	Minimal												
			6995	-70.08	6.0	-76.08	-62	ON													
			6910	-62.24	6.0	-68.24	-62	OFF													
		6985	6910	-63.24	6.0	-69.24	-62	Minimal													
			6985	6985	6985	6985	6985	6985	6910	-65.24	6.0	-71.24	-62	ON							
									6985	6985	6985	6985	6985	-62.14	6.0	-68.14	-62	OFF			
802.11ax HE160	8												6985	6985	6985	6985	-63.14	6.0	-69.14	-62	Minimal
													6985	-66.14	6.0	-72.14	-62	ON			
			7060	-67.19	6.0	-73.19	-62	OFF													
			7060	-68.19	6.0	-74.19	-62	Minimal													
			7060	-69.19	6.0	-75.19	-62	ON													

Note1 : Adjusted Power : Injected AWGN + minimum antenna gain

Note2 : Injected AWGN level at the EUT antenna port with no additional correction for antenna gain.

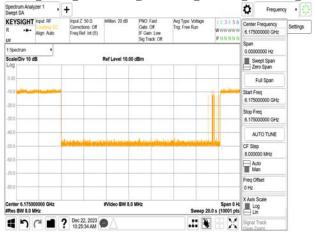
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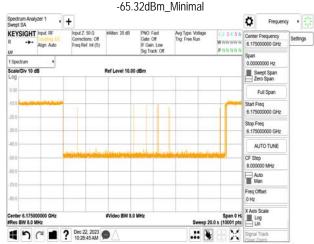
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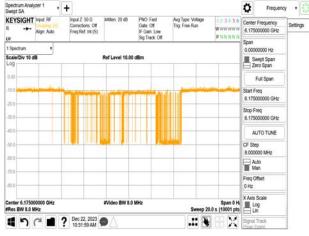
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802.11ax_20MHz_CF 6175MHz_Interference_6175MHz_



802.11ax_20MHz_CF 6175MHz_Interference_6175MHz_-71.32dBm_ON Frequency ·

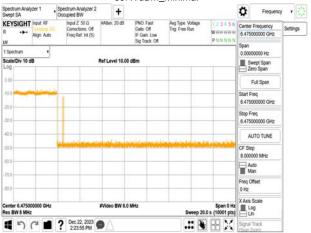


Spectrum Analyzer 1 Sweet SA Spectrum Analyzer 2 Occupied BW C Frequency . + Input Z 50 0 Corrections: Off Freq Ref: Int (S) KEYSIGHT Input RF PNO Ead Center Frequency 6.475000000 GHz Settings + Align Auto PNNNN Span 0.00000000 Hz 1 Spectrum Scale/Div 10 dB Swept Span Zero Span Full Span Start Freq 6.475000000 GHz Stop Freq 6.475000000 GHz AUTO TUNE CF Step 8.000000 MHz Auto Man Freq Offse 0 Hz X Axis Scale Span 0 Hz Sweep 20.0 s (10001 pts) . 8 475/ In DW COM Res BW 8 MHz

802.11ax_20MHz_CF 6475MHz_Interference_6475MHz_-64.49dBm_OFF



-65.49dBm_Minimal







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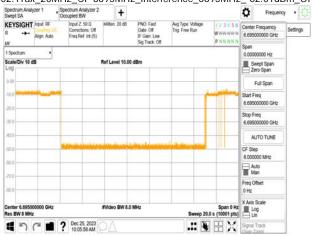
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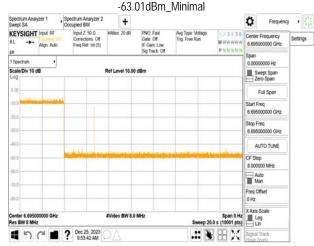
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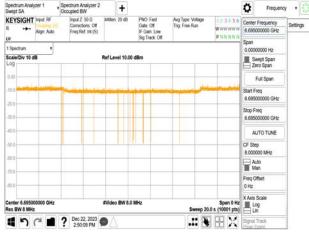
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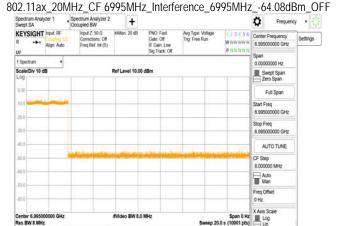


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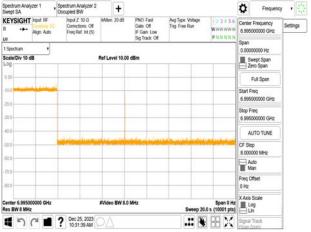
802.11ax_20MHz_CF 6695MHz_Interference_6695MHz_-71.01dBm_ON





Signal Track € 5 C ■ ? Dec 25, 2023 12:09:41 PM 802.11ax_20MHz_CF 6995MHz_Interference_6995MHz_

-65.08dBm_Minimal







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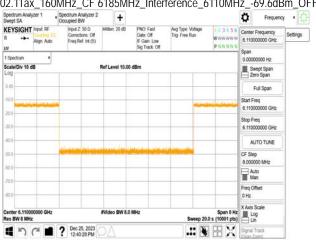
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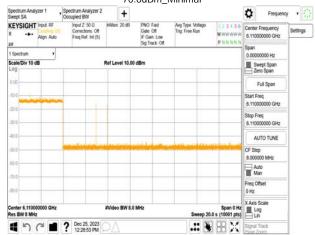
Report No.: TERF2402000429ER Page: 23 of 32



802.11ax_160MHz_CF 6185MHz_Interference_6110MHz_-69.6dBm_OFF



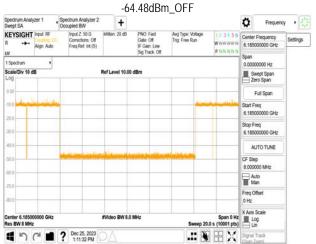
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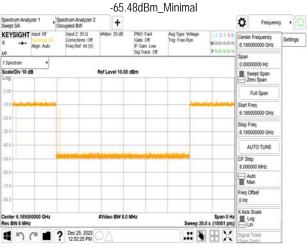
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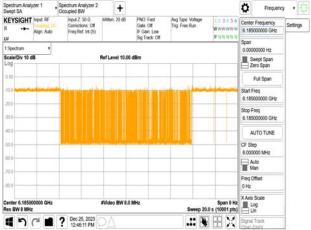
802.11ax_160MHz_CF 6185MHz_Interference_6185MHz_



802.11ax_160MHz_CF 6185MHz_Interference_6185MHz_



802.11ax 160MHz CF 6185MHz Interference 6185MHz -68.48dBm ON



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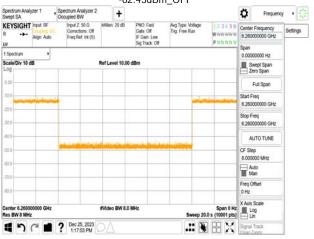
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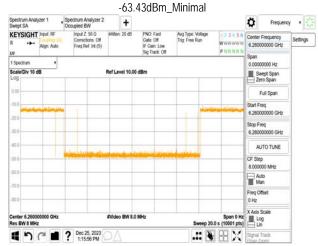
Report No.: TERF2402000429ER Page: 24 of 32



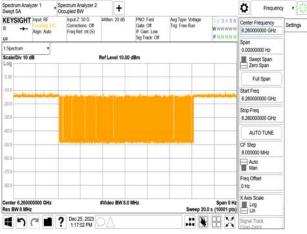
802.11ax_160MHz_CF 6185MHz_Interference_6260MHz_ -62.43dBm OFF



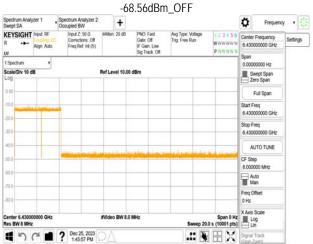
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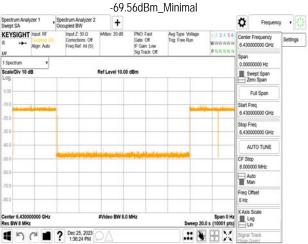
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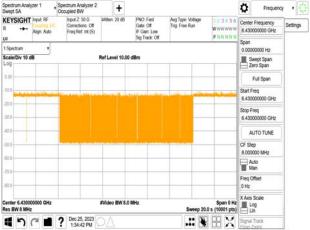
802.11ax_160MHz_CF 6505MHz_Interference_6430MHz_



802.11ax_160MHz_CF 6505MHz_Interference_6430MHz_



802.11ax_160MHz_CF 6505MHz_Interference_6430MHz_-70.56dBm_ON



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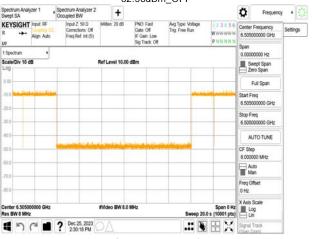
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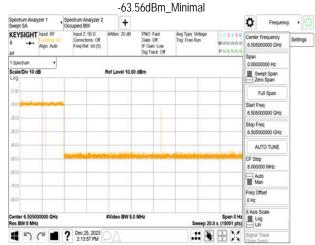
Report No.: TERF2402000429ER Page: 25 of 32



802.11ax_160MHz_CF 6505MHz_Interference_6505MHz_ -62.56dBm OFF



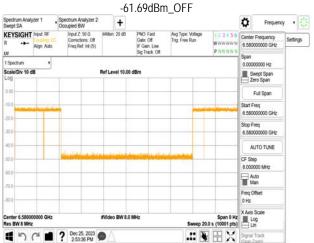
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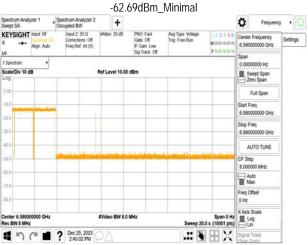
802.11ax_160MHz_CF 6505MHz_Interference_6505MHz_-67.56dBm_ON



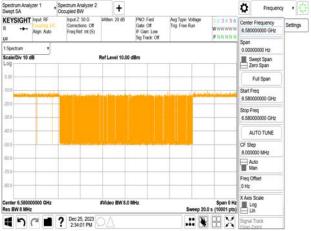
802.11ax_160MHz_CF 6505MHz_Interference_6580MHz_



802.11ax_160MHz_CF 6505MHz_Interference_6580MHz_



802.11ax_160MHz_CF 6505MHz_Interference_6580MHz_-64.69dBm_ON



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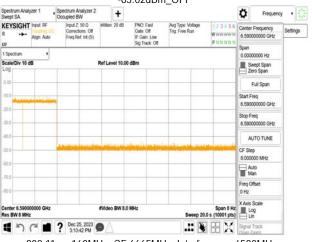
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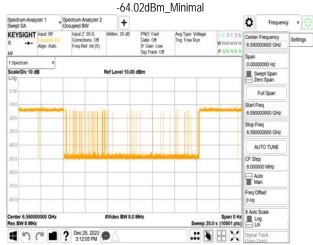
Report No.: TERF2402000429ER Page: 26 of 32



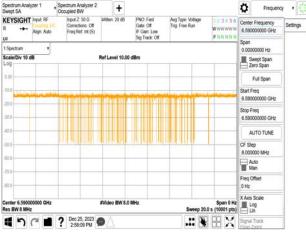
802.11ax_160MHz_CF 6665MHz_Interference_6590MHz_ -63.02dBm OFF



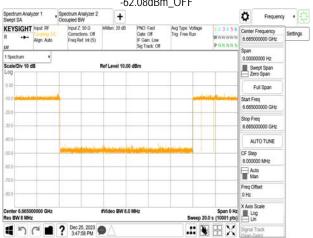
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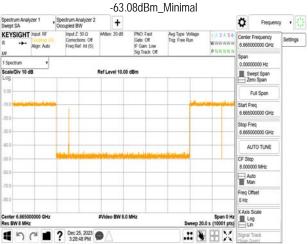
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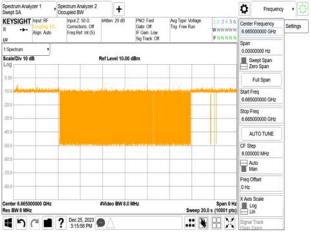
802.11ax_160MHz_CF 6665MHz_Interference_6665MHz_ -62.08dBm OFF



802.11ax_160MHz_CF 6665MHz_Interference_6665MHz_



802.11ax_160MHz_CF 6665MHz_Interference_6665MHz_-67.08dBm_ON



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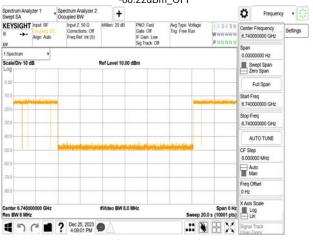
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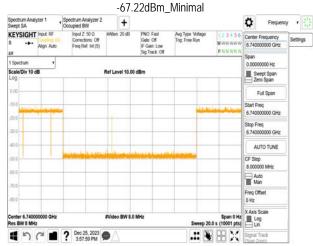
Report No.: TERF2402000429ER Page: 27 of 32



802.11ax_160MHz_CF 6665MHz_Interference_6740MHz_ -66.22dBm OFF



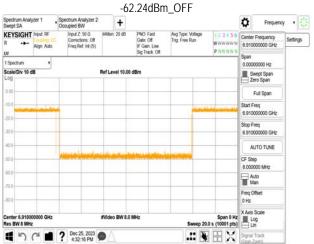
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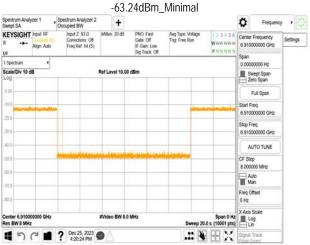
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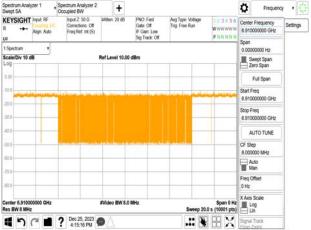
802.11ax_160MHz_CF 6985MHz_Interference_6910MHz_



802.11ax_160MHz_CF 6985MHz_Interference_6910MHz_



802.11ax_160MHz_CF 6985MHz_Interference_6910MHz_-65.24dBm_ON



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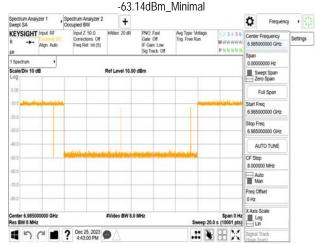
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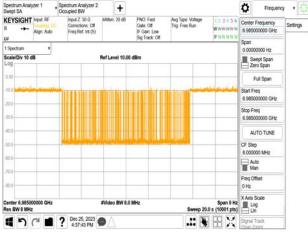
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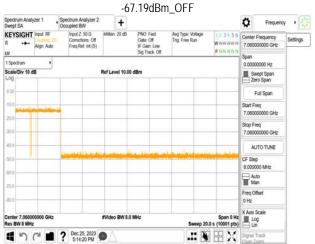
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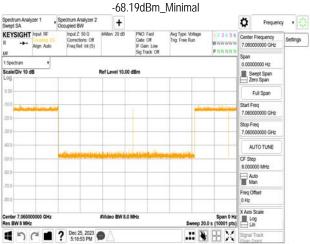
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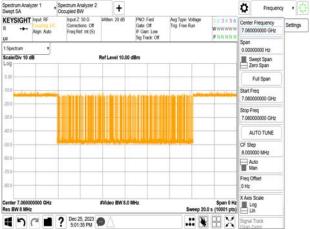
802.11ax_160MHz_CF 6985MHz_Interference_7060MHz_



802.11ax_160MHz_CF 6985MHz_Interference_7060MHz_



802.11ax_160MHz_CF 6985MHz_Interference_7060MHz_-69.19dBm_ON



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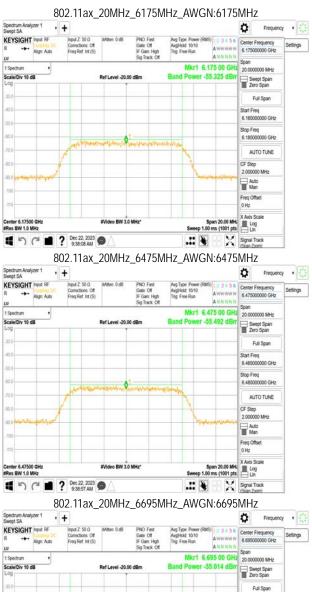
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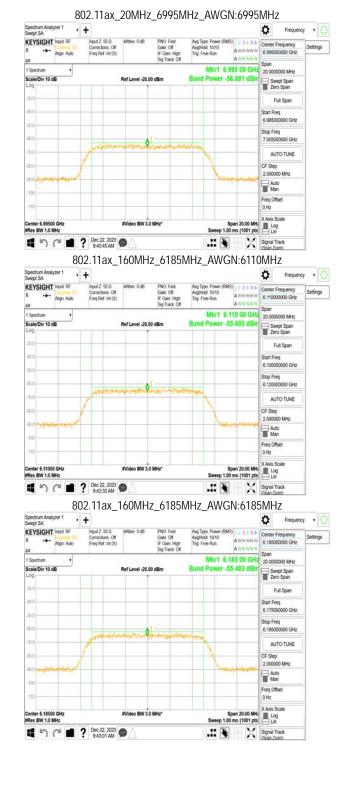
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7.4.3 Incumbent signal





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Span 20.00 MH; Sweep 1.00 ms (1001 pts

.:: 💘

Start Freq 6.6850000

Stop Freq 6.705000000 GHz

CF Step

Auto Man

Freq Offset 0 Hz

X Axis Scale

Signal Trad

2.000000 MHz

AUTO TUNE

on cu-

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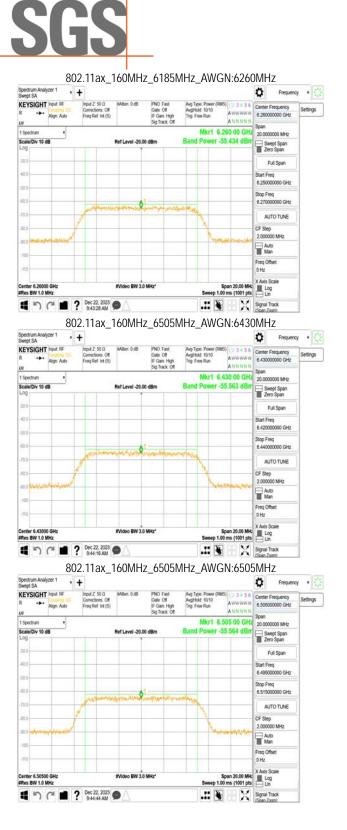
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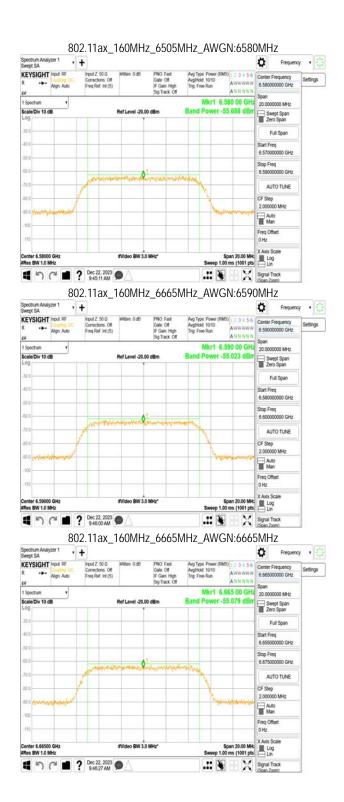
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EVideo BW 3.0 MHz

Center 6.69500 GH #Res BW 1.0 MHz r 6.69500 GH

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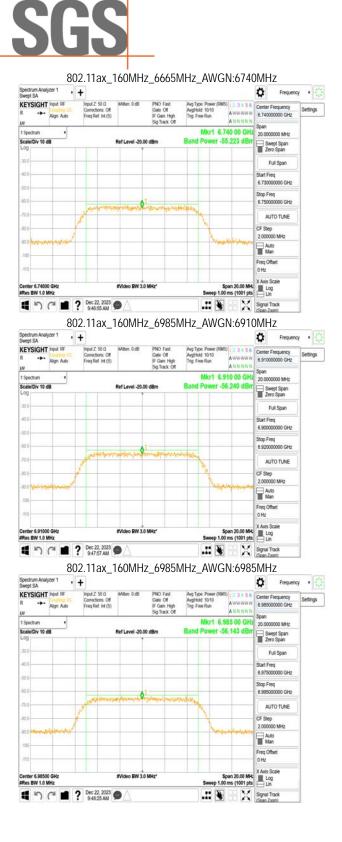
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Report No.: TERF2402000429ER Page: 31 of 32



802.11ax_160MHz_6985MHz_AWGN:7060MHz Spectrum Analyzer 1 Swept SA Frequency . Ö · + KEYSIGHT Input RF Input 7:50.0 PNO: Fast Avg Type Po Center Fr Corrections: Off Freq Ref. Int (S) 7.060000000 GHz Settings AugHold 10/10 Trig: Free Run -AWWWWW ANNNN Mkr1 7.060 00 GHz 20.000000 MHz 1 Spectrum Scale/Div 10 dB -56 186 d Rh 00 0C, lave I h Swept Span Zero Span Full Span Start Freq 7 050000 IOD CH-Stop Freq 7.0700000 no cite AUTO TUNE CF Step 2.000000 MHz Auto Man Freq Offse 0 Hz xis Scal Center 7.06000 GH #Res BW 1.0 MHz Span 20.00 MH; Sweep 1.00 ms (1001 pts 日 つ Cⁱ 日 ? Dec 22, 2023
9:48:52 AM Signal Track

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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8 PHOTOGRAPHS OF SET UP

Please refer to the attached file (Setup Photo)

9 PHOTOGRAPHS OF EUT

Please refer to the attached file (EUT Photo)

~ End of Report ~

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