

# ELECTROMAGNETIC EMISSIONS **COMPLIANCE REPORT**



Applicant: Manufacturer:	Askey Computer Corporation 10F, No. 119, Jiankang Rd., Zhonghe Dist., New Taipei City, Taiwan Askey Computer Corporation 10F, No. 119, Jiankang Rd., Zhonghe Dist., New Taipei City, Taiwan
Product Name:	5G NR Sub 6 WiFi 7 Router
Brand Name:	Verizon
Model No.:	ASK-NCM1100
Model Difference:	N/A
Report Number:	TERF2308001924E2
FCC ID	H8N-ASK-NCM1100
Date of EUT Received:	August 4, 2023
Date of Test:	August 4, 2023 $\sim$ November 9, 2023
Issue Date:	December 19, 2023

Vit, Pei

Approved By

Vito Pei

### 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.

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 NumberRevisionDescriptionIssue DateRevised By						
TERF2308001924E2	00	Original.	November 13, 2023	Susan Lin		
TERF2308001924E2	01	Update page 22, 26 and chapter 13.3	December 1, 2023	Susan Lin	*	
TERF2308001924E2	02	Update page 21, 22, 25 and 26	December 8, 2023	Susan Lin	*	
TERF2308001924E2	03	Update page 27	December 19, 2023	Susan Lin	*	

## 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:	5G NR Sub 6 WiFi 7 Router
Brand Name:	Verizon
Model No.:	ASK-NCM1100
Model Difference:	N/A
Hardware Version:	Rev4
Firmware Version:	SDK 2.0.6
EUT Series No.:	ACD33200170
Power Supply:	12V
Test Software (Name/Version):	MT7990 QA 0.0.2.99

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## 1.2 Modulation & Data Rate

# Mode: CDD

	64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11a,11n
	256QAM, 64QAM, 16QAM, QPSK, BPSK
Madulation tupo	for OFDM in 802.11ac
Modulation type:	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK
	for OFDMA in 802.11ax
	4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11be
	802.11 a: 6 - 54 Mbps
	802.11 n_20MHz: up to 288.8 Mbps
	802.11 n_40MHz: up to 600 Mbps
	802.11 ac_80MHz: up to 1733.2 Mbps
Transition Rate:	802.11 ac_160MHz: up to 3466.8 Mbps
Industrion rate.	802.11 be_20MHz: up to 688.2 Mbps
	802.11 be_40MHz: up to 1376.5 Mbps
	802.11 be_80MHz: up to 2882.4 Mbps
	802.11 be_160MHz: up to 5764.8 Mbps
	802.11 be_320MHz: up to 11529.6 Mbps

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### Mode: Beamforming

	64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11a,11n
	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11ac
Modulation type:	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11ax
	4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11be
	802.11 a: 6 - 54 Mbps
	802.11 n_20MHz: up to 288.8 Mbps
	802.11 n_40MHz: up to 600 Mbps
	802.11 ac_20MHz: up to 346.8 Mbps
	802.11 ac_40MHz: up to 800 Mbps
	802.11 ac_80MHz: up to 1733.2 Mbps
	802.11 ac_160MHz: up to 3466.8 Mbps
Transition Rate:	802.11 ax_20MHz: up to 573.6 Mbps
Transition Rate.	802.11 ax_40MHz: up to 1147.2 Mbps
	802.11 ax_80MHz: up to 2402 Mbps
	802.11 ax_160MHz: up to 4804 Mbps
	802.11 be_20MHz: up to 688.2 Mbps
	802.11 be_40MHz: up to 1376.5 Mbps
	802.11 be_80MHz: up to 2882.4 Mbps
	802.11 be_160MHz: up to 5764.8 Mbps
	802.11 be_320MHz: up to 11529.6 Mbps

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## 1.3 Antenna Designation

Antenna Type	Antenna No.	Freq. (MHz)	Peak Antenna Gain (dBi)
		5925~6425	4.53
	Antenna 21	6425~6525	3.57
	Antenna 21	6525~6875	4.28
		6875~7125	2.53
		5925~6425	5.74
	Antenna 22	6425~6525	4.54
	Antenna 22	6525~6875	4.65
PCB		6875~7125	3.36
100	Antenna 23	5925~6425	5.01
		6425~6525	3.40
		6525~6875	3.39
		6875~7125	3.91
		5925~6425	4.13
	Antenna 24	6425~6525	4.08
	Antenna 24	6525~6875	4.26
		6875~7125	5.52

### Note:

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

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# 1.4 Rated Power Mode: CDD

### WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
	5955~6415	24	15.19 dBm
a n_HT	6435~6515	5	14.05 dBm
ac_VHT 20MHz	6535~6875	18	14.32 dBm
	6895~7095	11	14.81 dBm
	5965~6405	12	16.57 dBm
n_HT ac_VHT	6445~6525	3	17.48 dBm
40MHz	6565~6845	8	17.24 dBm
	6885~7085	6	16.78 dBm
	5985~6385	6	20.48 dBm
ac_VHT 80MHz	6465	1	20.45 dBm
	6545~6865	5	20.68 dBm
	6945~7025	2	20.30 dBm
	6025~6345	3	22.49 dBm
	6505	1	22.41 dBm
ac_VHT 160MHz	6665~6825	2	22.23 dBm
	6985	1	21.47 dBm

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### WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
	5955~6415	24	15.37 dBm
ax_HE	6435~6515	5	14.21 dBm
be_EHT 20MHz	6535~6875	18	14.60 dBm
	6895~7095	11	15.05 dBm
	5965~6405	12	17.01 dBm
ax_HE	6445~6525	3	17.18 dBm
be_EHT 40MHz	6565~6845	8	17.33 dBm
	6885~7085	6	17.64 dBm
	5985~6385	6	20.64 dBm
ax_HE	6465	1	20.53 dBm
be_EHT 80MHz	6545~6865	5	20.68 dBm
	6945~7025	2	19.81 dBm
	6025~6345	3	23.14 dBm
ax_HE	6505	1	21.56 dBm
be_EHT 160MHz	6665~6825	2	23.01 dBm
	6985	1	22.21 dBm
	6105~6265	3	25.05 dBm
	6425	1	23.98 dBm
be_EHT 320MHz	6585~6745	2	25.08 dBm
	6905	1	23.86 dBm

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Mode: Beamforming WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
	5955~6415	24	16.19 dBm
n_HT	6435~6515	5	16.18 dBm
ac_VHT 20MHz	6535~6875	18	16.32 dBm
	6895~7095	11	16.10 dBm
	5965~6405	12	19.07 dBm
n_HT	6445~6525	3	19.26 dBm
ac_VHT 40MHz	6565~6845	8	19.18 dBm
	6885~7085	6	19.02 dBm
	5985~6385	6	21.47 dBm
	6465	1	21.27 dBm
ac_VHT 80MHz	6545~6865	5	22.28 dBm
	6945~7025	2	21.85 dBm
	6025~6345	3	24.39 dBm
ac_VHT 160MHz	6505	1	24.93 dBm
	6665~6825	2	25.40 dBm
	6985	1	24.34 dBm

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### WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
	5955~6415	24	15.93 dBm
ax_HE	6435~6515	5	14.15 dBm
be_EHT 20MHz	6535~6875	18	14.49 dBm
	6895~7095	11	14.29 dBm
	5965~6405	12	16.55 dBm
ax_HE be_EHT	6445~6525	3	16.94 dBm
40MHz	6565~6845	8	16.52 dBm
	6885~7085	6	19.28 dBm
	5985~6385	6	21.40 dBm
ax_HE	6465	1	19.81 dBm
be_EHT 80MHz	6545~6865	5	20.24 dBm
	6945~7025	2	19.24 dBm
	6025~6345	3	24.38 dBm
ax_HE	6505	1	22.87 dBm
be_EHT 160MHz	6665~6825	2	22.58 dBm
	6985	1	21.80 dBm
	6105~6265	3	27.16 dBm
	6425	1	25.74 dBm
be_EHT 320MHz	6585~6745	2	25.09 dBm
	6905	1	25.22 dBm

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### Test Methodology of Applied Standards 1.5

FCC Part 15, Subpart E §15.407

FCC KDB 987594 D02 U-NII 6 GHz EMC Measurement v02r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10:2013

### **Test Facility** 1.6

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion number	IC CAB identifier		
		SAC 1				
		SAC 2	-			
		SAC 3				
	No 124 We Kung Bood New Toingi	Conduction 1				
	No.134, Wu Kung Road, New Taipei	Conducted 1	TW0027			
	Industrial Park, Wuku District, New Taipei City, Taiwan.	Conducted 2	1 1 1 0 0 2 7			
	Taiper City, Taiwan.	Conducted 3		TW3702		
		Conducted 4				
		Conducted 5				
SGS Taiwan Ltd.		Conducted 6				
Central RF Lab.	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C				
(TAF code 3702)		SAC C				
		SAC D				
		SAC G				
		Conducted A				
		Conducted B	TW0028			
		Conducted C				
		Conducted D				
		Conducted E				
		Conducted F				
Conducted G						
<b>Note:</b> Test site name is remarked on the equipment list in each section of this report as an indica- tion where measurements occurred in specific test site and address.						

#### 1.7 **Special Accessories**

There are no special accessories used while test was conducted.

### **Equipment Modifications** 1.8

There was no modification incorporated into the EUT.

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# 2 SYSTEM TEST CONFIGURATION

### 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.

### **EUT Exercise** 2.2

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 **Conducted Emissions**

The EUT is a placed on a table which is 0.8 m above ground plane. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz. The CISPR Quasi-Peak and Average detector mode is employed. The two LISNs provide 50uH/50 ohm of coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

### 2.3.2 **Conducted Test (RF)**

The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer with attenuator to protect the instrumentation. If a second antenna port is available, it is tested at one operating frequency, with other port(s) appropriately terminated, to verify it has similar output characteristics as the fully tested port.

#### 2.3.3 **Radiated Emissions**

The EUT is a placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

### 2.3.4 **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.

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### 2.4 **Measurement Results Explanation Example**

### 2.4.1 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

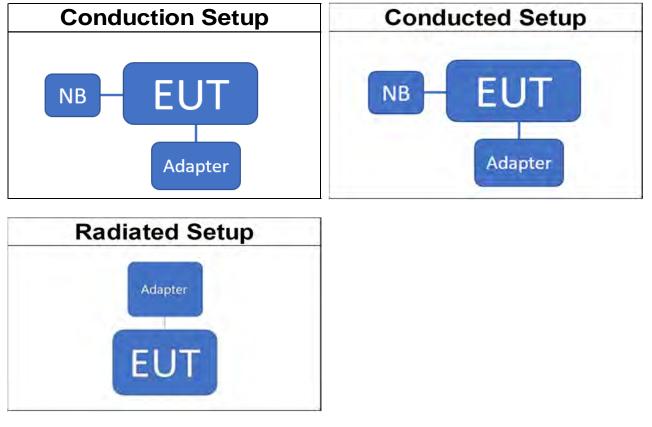
Radiated emission below 30MHz is measured in a 9m\*6m\*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### 2.4.2 For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

### **Test Configuration** 2.5



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# 2.6 Control Unit(s)

#### 2.6.1 **Conduction setup**

AC Power-Line Conducted Emission Test Site: Conduction C						
EQUIPMENT TYPE MFR MODEL NUMBER SERIAL NUMBER LAST CAL. CAL DUE.						
Notebook Lenovo T470 P0001293 N/A N/A						

#### 2.6.2 **Conducted Setup**

Conducted Emission Test Site: Conducted F						
EQUIPMENT TYPE MFR MODEL NUMBER SERIAL NUMBER LAST CAL. CAL DUE.						
Notebook	Lenovo	L480	P0002332	N/A	N/A	

#### 2.6.3 **Radiated Setup**

Radiated Emission Test Site: SAC G							
EQUIPMENT TYPE	QUIPMENT TYPE MFR MODEL NUMBER SERIAL NUMBER LAST CAL. CAL DUE.						
Adapter	MASS POWER	S065-1B120500VU	N/A	N/A	N/A		
NotebookLenovoT440pP0000665N/AN/A							

#### 2.6.4 **CBP Setup**

Conducted Emission Test Site: Conducted B							
EQUIPMENT TYPE	MFR	LAST CAL.	CAL DUE.				
Companion EUT	ASKEY	N/A	N/A	N/A	N/A		
Test Software	SGS Taiwan	Radio Test Software	Ver.23.10.23	N/A	N/A		
Notebook	Lenovo	T14	P0002852	N/A	N/A		
Notebook	Lenovo	T14	P0002721	N/A	N/A		
Notebook	Lenovo	1205	N/A	N/A	N/A		

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# **3 SUMMARY OF TEST RESULT**

FCC Rules	Description Of Test	Result
§15.207	AC Power Line Conducted Emission	Compliant
§15.407(a)(10) §2.1049	Emission Bandwidth	Compliant
§15.407(a)(4~8)	Maximum Conducted Output Power	Compliant
§15.407(a)(4~8)	Power Spectral Density	Compliant
§15.407(b)(6)	In-band emission	Compliant
§15.205 §15.209 §15.407(b)(5),(b)(8), (b)(9)	Undesirable Radiated Emissions	Compliant
§15.407(d)(6)	contention-based protocol	Compliant
§15.407(a)(7)(8)	Test Demonstration of Proper Power Adjustment based on Associated AP	NA Device only assocoates wih indoor AP
§15.407(c)	Transmission in case of Absence of Information	Compliant
§15.203	Antenna Requirement	Compliant

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### **DESCRIPTION OF TEST MODES** 4

### 4.1 **Operating Frequencies**

### UNII-5 5925~6425 MHz

	20N	1Hz		40	MHz
СН	Freq. (MHz)	СН	Freq. (MHz)	СН	Fr (M
1	5955	49	6195	3	59
5	5975	53	6215	11	60
9	5995	57	6235	19	60
13	6015	61	6255	27	60
17	6035	65	6275	35	61
21	6055	69	6295	43	61
25	6075	73	6315	51	62
29	6095	77	6335	59	62
33	6115	81	6355	67	62
37	6135	85	6375	75	63
41	6155	89	6395	83	63
45	6175	93	6415	91	64

ЛНz	80	80MHz		
Freq. (MHz)	СН	Freq. (MHz)		
5965	7	5985		
6005	23	6065		
6045	39	6145		
6085	55	6225		
6125	71	6305		
6165	87	6385		
6205				
6245				
6285				
6325				
6365				

320MHz				
СН	Freq. (MHz)			
31	6105			
63	6265			
95	6425			

160MHz

CH

15

47

79

Freq

(MHz)

6025

6185

6345

### UNII-6 6425~6525 MHz

20MHz			40MHz		
СН	Freq. (MHz)		СН	Freq. (MHz)	
97	6435		99	6445	
101	6455		107	6485	
105	6475		115	6525	
109	6495				
113	6515				

UNII-8 6875~7125 MHz

40MHz

Freq

(MHz)

6885

6925

6965

7005

7045

7085

	80MHz			
	СН	Freq. (MHz)		C
	103	6465		1
				_

160MHz				
СН	Freq. (MHz)			
111	6505			

UNII-7 6525~6875 MHz							
	20N	1Hz			40	MHz	
СН	Freq. (MHz)	СН	Freq. (MHz)		СН	Freq. (MHz)	
117	6535	153	6715		123	6565	
121	6555	157	6735		131	6605	
125	6575	161	6755		139	6645	
129	6595	165	6775		147	6685	
133	6615	169	6795		155	6725	
137	6635	173	6815		163	6765	
141	6655	177	6835		171	6805	
145	6675	181	6855		179	6845	
149	6695	185	6875				

łz	80	MHz
req.	СН	Fre
/Hz)		(Mł
565	119	65
605	135	66
645	151	67
685	167	67
725	183	68
765		
805		

80	MHz	10
CH	Freq. (MHz)	СН
19	6545	143
35	6625	175
51	6705	
67	6785	
83	6865	
		32

Cŀ

12

15

160	MHz	20	MHz	40
ЭН	Freq. (MHz)	СН	Freq. (MHz)	СН
43	6665	189	6895	187
75	6825	193	6915	195
		197	6935	203
		201	6955	211
		205	6975	219
320	MHz	209	6995	227
ЭН	Freq.	213	7015	
	(MHz)	217	7035	
27	6585	221	7055	
59	6745	225	7075	
		229	7095	

	80	MHz	160	)(
)	СН	Freq. (MHz)	СН	(
	199	6945	207	
	215	7025		

160	)MHz				
СН	Freq. (MHz)				
207	6985				

320MHz						
СН	Freq. (MHz)					
191	6905					

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### The Worst Test Modes and Channel Details 4.2

- 1. The EUT has been tested under operating condition.
- 2. Test program used to control the EUT for staying in continuous transmitting mode is programmed.
- 3. Investigation has been done on all the possible configurations for searching the worst case.

The given UE is pre-scanned among below modes.

Modulation		Transmission Chain								Tra	Single ansmission Spatial	Tr	Multiple Transmission Spatial	
v	802.11 a	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3		1TX	۷	4TX	
v	802.11 n	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3		1TX	۷	4TX	
v	802.11 ac	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3		1TX	۷	4TX	
v	802.11 ax	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3		1TX	۷	4TX	
v	802.11 be	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3		1TX	۷	4TX	

# Mode: CDD

# Mode: Beamforming

N	lodulation			Trai	nsmiss	sion	•			Multiple ansmission Spatial		
v	802.11 a	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3	1TX	v	4TX
v	802.11 n	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3	1TX	v	4TX
v	802.11 ac	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3	1TX	v	4TX
v	802.11 ax	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3	1TX	۷	4TX
v	802.11 be	۷	Ch0	۷	Ch1	۷	Ch2	۷	Ch3	1TX	۷	4TX

4. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

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### Mode: CDD

			CONDUCTE	D TEST		
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
	5955~6415	1 to 93	1,45,93		· · ·	
802.11a	6435~6515 97 to 113 97,105,113	OFDM	6	4TX		
002.114	6535~6875	117 to 185	117,149,181,185	OT DIVI	0	41/
	6895~7095	189 to 229	189,209			
	5955~6415	1 to 93	1,45,93			
802.11n_HT20	6435~6515 97 to 113	97 to 113	97,105,113	OFDM	MCS0	4TX
002.1111_11120	6535~6875	117 to 185	117,149,181,185	OI DIVI		
	6895~7095	189 to 229	189,209			
	5965~6405	3 to 91	3,43,91			4TX
802.11n_HT40	6445~6525	99 to 115	99,107,115	OFDM	MCS0	
002.1111_11140	6565~6845	123 to 179	123,147,179	OTDIM		
	6885~7085	187 to 227	187,195,211,227			
	5985~6385	7 to 87	7,39,87			
802.11ac_VHT80	6465	111	103	OFDM	MCS0	4TX
002.11dc_011100	6545~6865	119 to 183	119,135,151,167,183	OI DIVI	WC30	417
	6945~7025	199 to 215	199,215			
	6025~6345	15 to 79	15,47,79			
802.11ac_VHT160	6505	111	111	OFDM	MCS0	4TX
002.1100_0111100	6665~6825	143 to 175	143,175	OI DIVI	WC30	41 A
	6985	207	207			

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			CONDUCTE	D TEST	1	1	
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	MRU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
	5955~6415	1 to 93	1,45,93			(10003)	T OKT
	6435~6515	97 to 113	97,105,113				
802.11be_EHT20	6535~6875	117 to 185	117,149,181,185	OFDMA	FULL RU	MCS0	4TX
	6895~7095	189 to 229	189,209	-			
	5965~6405	3 to 91	3,43,91				
802.11be_EHT40	6445~6525	99 to 115	99,107,115	OFDMA	FULL RU	MCS0	4TX
002.1100_211110	6565~6845	123 to 179	123,147,179	OT BRINT	1 OLL ING	mooo	117
	6885~7085	187 to 227	187,195,211,227				
	5985~6385	7 to 87	7,39,87			MCS0	
000 11ha EUT00	6465	111	103		FULL RU		4TX
802.11be_EHT80	6545~6865	119 to 183	119,135,151,167,183	OFDMA			
	6945~7025	199 to 215	199,215				
	6025~6345	15 to 79	15,47,79				4TX
	6505	111	111		FULL RU		
802.11be_EHT160	6665~6825	143 to 175	143,175	OFDMA		MCSO	
	6985	207	207	•			
	6105~6265	31 to 63	31,63				
802.11be_EHT320	6425	95	95	05014		MCSO	4TX
	6585~6745	127 to 159	127,159	OFDMA	FULL RU		
	6905	191	191				

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		TRANSMIT	RADIATED EMISS	ION TEST (BEI	LOW 1 GHz)	
MODE	FREQUENCY	AVAILABLE	TESTED	MODULATION	DATA RATE	ANTENNA
WODL	BAND (MHz)	CHANNEL	CHANNEL	WODULATION	(Mbps)	PORT
	5955~6415	1 to 93	45			
802.11a	6435~6515	97 to 113	105	OFDM	6	4TX
002.118	6535~6875	117 to 185	181	OFDIM		
	6895~7095	189 to 229	229			
	6105~6265	31 to 63	31			
802.11be EHT320	6425	95	95	OFDMA	MCS0	4TX
802.11De_EH1320	6585~6745	127 to 159	127	OT DIVIA		
	6905	191	191			

		TRANSMIT	RADIATED EMISSI	ON TEST (ABC	OVE 1 GHz)	
MODE	FREQUENCY	AVAILABLE TESTED		MODULATION	DATA RATE	ANTENNA
MODE	BAND (MHz)	CHANNEL	CHANNEL	MODULATION	(Mbps)	PORT
	5955~6415	1 to 93	1,45,93			
802.11a	6435~6515	97 to 113	97,105,113	OFDM	6	4TX
002.114	6535~6875	117 to 185	117,149,181,185	OT DIVI	0	41/
	6895~7095	189 to 229	189,209,229			
	5955~6415	1 to 93	1,45,93			
802.11n_HT20	6435~6515	97 to 113	97,105,113	OFDM	MCS0	4TX
002.1111_11120	6535~6875	117 to 185	117,149,181,185	OT DIVI		
	6895~7095	189 to 229	189,209,229			
	5965~6405	3 to 91	3,43,91			4TX
802.11n_HT40	6445~6525	99 to 115	99,107,115	OFDM	MCS0	
002.1111_11140	6565~6845	123 to 179	123,147,179	OT DIVI		
	6885~7085	187 to 227	187,195,211,227			
	5985~6385	7 to 87	7,39,87			
802.11ac_VHT80	6465	103	103	OFDM	MCS0	4TX
002.11ac_011100	6545~6865	119 to 183	119,135,151,167,183	OT DIVI		41/
	6945~7025	199 to 215	199,215			
	6025~6345	15 to 79	15,47,79			
802.11ac_VHT160	6505	111	111	OFDM	MCS0	4TX
002.11ac_v111100	6665~6825	143 to 175	143,175		IVICOU	41X
	6985	207	207			

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	TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)								
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT		
	5955~6415	1 to 93	1,45,93						
802.11be_EHT20	6435~6515	97 to 113	97,105,113	OFDMA		MCS0			
OUZ.IIDE_EHIZU	6535~6875	117 to 185	117,149,181,185	OFDIVIA	FULL RU	IVICSU	4TX		
	6895~7095	189 to 229	189,209,229						
	5965~6405	3 to 91	3,43,91						
000 11ha EUT40	6445~6525	99 to 115	99,107,115			MCCO	4714		
802.11be_EHT40	6565~6845	123 to 179	123,147,179	OFDMA	FULL RU	MCS0	4TX		
	6885~7085	187 to 227	187,195,211,227						
	5985~6385	7 to 87	7,39,87						
	6465	103	103	-		MCS0	(7)(		
802.11be_EHT80	6545~6865	119 to 183	119,135,151,167,183	OFDMA	FULL RU		4TX		
	6945~7025	199 to 215	199,215	-					
	6025~6345	15 to 79	15,47,79		FULL RU	MCS0	4TX		
802.11be_EHT160	6505	111	111						
002.The_LTTT00	6665~6825	143 to 175	143,175	OFDMA					
	6985	207	207						
	6105~6265	31 to 63	31,63						
000.116 - 51/7000	6425	95	95	OFDMA		MOCO	47.9		
802.11be_EHT320	6585~6745	127 to 159	127,159	- OFDMA	FULL RU	MCS0	4TX		
	6905	191	191						

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# Mode: Beamforming

			CONDUCTE	D TEST		
MODE	FREQUENCY	AVAILABLE	TESTED	MODULATION	DATA RATE	ANTENNA
MODE	BAND (MHz)	CHANNEL	CHANNEL	WODULATION	(Mbps)	PORT
	5955~6415	1 to 93	1,45,93			
802.11n HT20	6435~6515	97 to 113	97,105,113	OFDM	MCS0	4TX
002.1111_11120	6535~6875	117 to 185	117,149,181,185	OI DIVI	INC 50	41 A
	6895~7095	189 to 229	189,209			
	5965~6405	3 to 91	3,43,91			4TX
802.11n_HT40	6445~6525	99 to 115	99,107,115	OFDM	MCS0	
002.1111_0140	6565~6845	123 to 179	123,147,179			41 A
	6885~7085	187 to 227	187,195,211,227			
	5985~6385	7 to 87	7,39,87			
802.11ac VHT80	6465	111	103	OFDM	MCS0	4TX
002.11ac_v11100	6545~6865	119 to 183	119,135,151,167,183	OI DIVI	INC 50	41 A
	6945~7025	199 to 215	199,215			
	6025~6345	15 to 79	15,47,79			
802.11ac_VHT160	6505	111	111	OFDM	MCS0	4TX
	6665~6825	143 to 175	143,175			
	6985	207	207			

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			CONDUCTE	DTEST			
MODE		AVAILABLE	TESTED	MODULATION	MRU	DATA RATE	ANTENNA
	BAND (MHz)	CHANNEL	CHANNEL		CONFIGURATION	(Mbps)	PORT
	5955~6415	1 to 93	1,45,93				4TX
802.11be_EHT20	6435~6515	97 to 113	97,105,113	- OFDMA	FULL RU	MCS0	
002.11DC_L11120	6535~6875	117 to 185	117,149,181,185		TOLENO	MCSU	417
	6895~7095	189 to 229	189,209				
	5965~6405	3 to 91	3,43,91				
802.11be_EHT40	6445~6525	99 to 115	99,107,115	OFDMA	FULL RU	MCS0	4TX
	6565~6845	123 to 179	123,147,179	-			
	6885~7085	187 to 227	187,195,211,227				
	5985~6385	7 to 87	7,39,87		FULL RU		
802.11be_EHT80	6465	111	103	OFDMA		MCS0	4TX
_	6545~6865	119 to 183	119,135,151,167,183				
	6945~7025	199 to 215	199,215				
	6025~6345	15 to 79	15,47,79	- OFDMA	FULL RU	MCSO	4TX
	6505	111	111				
802.11be_EHT160	6665~6825	143 to 175	143,175				
	6985	207	207	•			
	6105~6265	31 to 63	31,63				
802.11be_EHT320	6425	95	95			MCS0	4TX
	6585~6745	127 to 159	127,159	OFDMA	FULL RU		
	6905	191	191				

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	TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)								
MODE	FREQUENCY	QUENCY AVAILABLE TESTED		MODULATION	DATA RATE	ANTENNA			
MODE	BAND (MHz)	CHANNEL	CHANNEL	WODULATION	(Mbps)	PORT			
	5955~6415	1 to 93	45						
802.11n_HT20	6435~6515	97 to 113	105	OFDM	MCS0	4TX			
002.1111_11120	6535~6875	117 to 185	181						
	6895~7095	189 to 229	229						
	6105~6265	31 to 63	31						
802.11be_EHT320	6425	95	95	OFDMA	MCS0	4TX			
	6585~6745	127 to 159	127	OFDIVIA	IVIC SU				
	6905	191	191						

	TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)									
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT				
	5955~6415	1 to 93	1,45,93		х т.т.,					
000 11- 11700	6435~6515	97 to 113	97,105,113		MCCO	471/				
802.11n_HT20	6535~6875	117 to 185	117,149,181,185	OFDM	MCSO	4TX				
	6895~7095	189 to 229	189,209,229							
	5965~6405	3 to 91	3,43,91		MCS0	4TX				
802.11n_HT40	6445~6525	99 to 115	99,107,115	OFDM						
002.1111_0140	6565~6845	123 to 179	123,147,179	UFDIVI						
	6885~7085	187 to 227	187,195,211,227							
	5985~6385	7 to 87	7,39,87		MCS0	4TX				
802.11ac_VHT80	6465	103	103	OFDM						
002.1186_011100	6545~6865	119 to 183	119,135,151,167,183	OT DIVI	IVICOU	41 A				
	6945~7025	199 to 215	199,215							
	6025~6345	15 to 79	15,47,79							
802.11ac_VHT160 66	6505	111	111	OFDM	MCS0	4TX				
	6665~6825	143 to 175	143,175			4 I X				
	6985	207	207							

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TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)								
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT	
	5955~6415	1 to 93	1,45,93					
002 11bo EUT20	6435~6515	97 to 113	97,105,113			MCSO		
802.11be_EHT20	6535~6875	117 to 185	117,149,181,185	OFDMA	FULL RU	MCS0	4TX	
	6895~7095	189 to 229	189,209,229					
	5965~6405	3 to 91	3,43,91					
	6445~6525	99 to 115	99,107,115	OFDMA		Maga		
802.11be_EHT40	6565~6845	123 to 179	123,147,179		FULL RU	MCS0	4TX	
	6885~7085	187 to 227	187,195,211,227					
	5985~6385	7 to 87	7,39,87					
	6465	103	103			MCS0	(T)(	
802.11be_EHT80	6545~6865	119 to 183	119,135,151,167,183	OFDMA	FULL RU		4TX	
	6945~7025	199 to 215	199,215					
	6025~6345	15 to 79	15,47,79		FULL RU	MCS0	4TX	
802.11be_EHT160	6505	111	111					
002.11be_L111100	6665~6825	143 to 175	143,175	OFDMA				
	6985	207	207					
	6105~6265	31 to 63	31,63					
802.11be_EHT320	6425	95	95	OFFINA		Moco	177	
	6585~6745	127 to 159	127,159	OFDMA	FULL RU	MCS0	4TX	
	6905	191	191					

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### Note:

1. The field strength of radiated emission was measured as the EUT positioned in different or thogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

2. The EUT does not support Partial RU.

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### **MEASUREMENT UNCERTAINTY** 5

Test Items	Uncertainty			
AC Power Line Conducted Emission	+/-	2.32	dB	
Output Power measurement	+/-	1	dB	
Emission Bandwidth	+/-	1.53	Hz	
Undesignable radiated emission measure- ment	+/-	1.68	dB	
Peak Power Density	+/-	2.16	dB	
Temperature	+/-	0.7	°C	
Humidity	+/-	3	%	
DC / AC Power Source	+/-	1	%	

Radiated Spurious Emission Measurement Uncertainty						
	+/-	2.8	dB	9kHz~30MHz		
Polarization: Vertical	+/-	4.82	dB	30MHz - 1000MHz		
Polarization: vertical	+/-	4.37	dB	1GHz - 18GHz		
	+/-	4.21	dB	18GHz - 40GHz		
	+/-	2.8	dB	9kHz~30MHz		
Polarization: Horizontal	+/-	4.54	dB	30MHz - 1000MHz		
Polarization: Horizontal	+/-	4.37	dB	1GHz - 18GHz		
	+/-	4.21	dB	18GHz - 40GHz		

# 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

# 6.1 Emission from AC power line

	AC Power-Line Conducted Emission Test Site: Conduction C							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
LISN	SCHWARZBECK Mess-Elektronik	NSLK8127	974	06/19/2023	06/18/2024			
EMI Test Receiver	R&S	ESCI	101342	04/24/2023	04/23/2024			
Coaxial Cable	EC Lab	RF-HY-CAB-250	RF-HY-CAB-250-01	03/27/2023	03/26/2024			
Pulse Limiter	EC Lab	VTSD 9561F-N	485	03/27/2023	03/26/2024			
Test Software	audix	e3	E3 20923 SGS Ver.9 ( C )	N.C.R	N.C.R			

### **Conducted Measurement** 6.2

	Conducted Emission Test Site: Conducted F							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/29/2023	06/28/2024			
Power Meter	Anritsu	ML2496A	1326001	08/22/2023	08/21/2024			
Power Sensor	Anritsu	MA2411B	1315048	08/22/2023	08/21/2024			
Power Sensor	Anritsu	MA2411B	1315049	08/22/2023	08/21/2024			
Power Meter	Anritsu	ML2496A	2138005	09/25/2023	09/24/2024			
Power Sensor	Anritsu	MA2411B	1911395	09/25/2023	09/24/2024			
Power Sensor	Anritsu	MA2411B	1911396	09/25/2023	09/24/2024			
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R			
Attenuator	Marvelous	MVE2213-10	RF06	11/16/2022	11/15/2023			
Attenuator	Woken	WATT-218FS-10	RF16	11/16/2022	11/15/2023			
Attenuator	Woken	WATT-218FS-10	RF22	11/16/2022	11/15/2023			
Attenuator	Woken	WATT-218FS-10	RF23	11/16/2022	11/15/2023			
DC Block	PASTERNACK	PE8210	RF153	11/16/2022	11/15/2023			
Coaxial Cables	Woken	00100A1F2A196C	RF53	11/16/2022	11/15/2023			

# 6.3 Contention based protocol measurement

	Conducted Emission Test Site: Conducted B							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
EMI Test Receiver	Anritsu	N9038A	MY52260216	11/28/2022	11/27/2023			
Signal Generator	KEYSIGHT	N5182B	MY59100873	03/02/2023	03/01/2024			
Freqency Extender	Keysight	N5182BX07	MY59360223	03/02/2023	03/01/2024			
Attenuator	KEYSIGHT	11716C	8494B TH60075458+8496 B TH60075263	11/16/2022	11/15/2023			
Power Divider	Titan	T0510E2W118Q	22015159	11/16/2022	11/15/2023			
Power Divider	Titan	T0510E2W118Q	22015160	11/16/2022	11/15/2023			
Power Divider	Titan	T0510E4W118Q	22015175	11/16/2022	11/15/2023			

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#### **Radiated Measurement** 6.4

	Radiated Emission Test Site: SAC G							
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.			
Broadband Antenna	SCHWARZBECK	VULB 9168	1206	01/17/2023	01/16/2024			
Horn Antenna	Schwarzbeck	BBHA9170	184	12/30/2022	12/29/2023			
Horn Antenna	RF SPIN	DRH18-E	210105A18E	04/18/2023	04/17/2024			
Loop Antenna	ETS.LINDGREN	6502	14303	05/23/2023	05/22/2024			
3m Site NSA	SGS	966 chamber G	N/A	03/30/2023	03/29/2024			
Spectrum Analyzer	KEYSIGHT	N9010A	MY51440113	07/17/2023	07/16/2024			
Pre-Amplifier	EMC Instruments	EMC18405SEE	980881	10/27/2022	10/26/2023			
Pre-Amplifier	EMC Instruments	EMC18405SEE	980881	10/25/2023	10/24/2024			
Pre-Amplifier	EMC Instruments	EMC330N	980781	03/15/2023	03/14/2024			
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2023	03/14/2024			
Coaxial Cable	EMC Instruments	EMCCFD400-NM- NM-8000-5000- 2000	210216 ` 210217 ` 210218	03/15/2023	03/14/2024			
Coaxial Cable	EMC Instruments	EMC104-SM-SM- 8000-5000-5000	210219 \ 210220 \ 210221	03/15/2023	03/14/2024			

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

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### CONDUCTED EMISSION TEST 7

### **Standard Applicable** 7.1

Frequency range within 150 kHz to 30 MHz shall not exceed the Limit table as below.

Frequency range	Limits (dBuV)			
MHz	Quasi-peak	Average		
0.15 to 0.50	66 to 56	56 to 46		
0.50 to 5	56	46		
5 to 30	60	50		
Note				

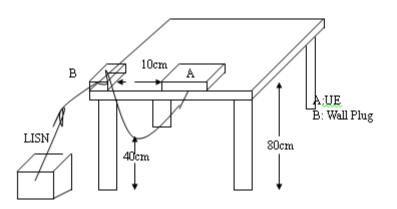
1. The lower limit shall apply at the transition frequencies

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

# 7.2 EUT Setup:

- 1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10:2013.
- 2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
- 3. The LISN was connected with 120Vac/60Hz power source.

# 7.3 Test Setup



### 7.4 **Measurement Procedure**

- 1. The EUT was placed on a table which is 0.8m above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.

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3. Repeat above procedures until all phases of power being supplied by given UE are completed.

#### 7.5 Measurement Result

Note: Refer to next page for measurement data and plots. Note2: The \* reveals the worst-case results that closest to the limit.

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# **AC POWER LINE CONDUCTED EMISSION TEST DATA**

Report Number	:TERF2308001924E2	Test Site	:Conduction	С	
Test Mode	:6E	Test Date	:2023-10-11		
Power	:120V60Hz	Temp./Humi.	: <b>22.5°∁/54%</b>	)	
Probe	:L1	Engineer	:Temo Chen		
80 Level (	dBuV)				
70.0					
60.0					
50.0	5				
40.0	My I I			+	
30.0	W W W	and a market	IN MANYANI		
20.0	Marine Marine Marine Marine	Manager Man		Marking -	
10.0					
0.15	0.5 1 Frequ	2 5 ency (MHz)	10	20 30	
Freq.	Detector Spectrum	Factor A	ctual	Limit	Margin
	Mode Reading Level		FS		10
MHz	PK/QP/AV dBµV	dB d	BμV	dBµV	dB
0.166	Average 22.40	10.65 3	3.05	55.15	-22.10
0.166	QP 41.30		1.95	65.15	-13.20
0.178	Average 21.60	10.65 3	2.25	54.59	-22.34
0.178	QP 39.30	10.65 4	9.95	64.59	-14.64
0.254	Peak 35.73	10.64 4	6.37	61.63	-15.26
0.288	Peak 31.21	10.64 4	1.85	60.57	-18.72
0.619	Peak 28.06	10.64 3	8.69	56.00	-17.31
17.571	Peak 19.79	11.12 3	0.91	60.00	-29.09

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Report Number	:TERF2308001924E2	Test Site	:Conductior	n C	
Test Mode	:6E	Test Date	:2023-10-11		
Power	:120V60Hz	Temp./Humi.	:22.5°C/54%	, 0	
Probe	:N	Engineer	:Temo Cher	n	
80 Level ( 70.0 60.0 50.0	dBuV)				
40.0 30.0	Marine were and a second	we have been and a second	and when the second	<u></u>	
20.0				m	
0.15	0.5 1 Freque	2 5 ncy (MHz)	10	20 30	
Freq.	Detector Spectrum Mode Reading Level		ctual FS	Limit	Margin
MHz	PK/QP/AV dBµV	dB d	BμV	dBµV	dB
0.181	Average 22.00	10.65 3	2.65	54.45	-21.79
0.181	QP 39.40	10.65 5	0.05	64.45	-14.39
0.194	Average 19.50	10.65 3	0.15	53.88	-23.73
0.194	QP 36.10	10.65 4	6.75	63.88	-17.13
0.222	Peak 37.24	10.64 4	7.89	62.76	-14.87
0.258	Peak 32.25	10.64 4	2.88	61.49	-18.60
0.614	Peak 26.60	10.62 3	7.23	56.00	-18.77
17.721	Peak 20.97	11.12 3	2.10	60.00	-27.90

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# 8 EMISSION BANDWIDTH

# 8.1 Standard Applicable

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

# 8.2 Measurement Procedure

- 1. Place the EUT on the table and set it in transmitting mode.
- 2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules.
- 3. Remove the antenna from the EUT and then connect a low loss RF cable from the Antenna port to the spectrum analyzer.
  - 3.a. 26dB Band width Measurement: Set the spectrum analyzer as 1% of emission BW Sweep=auto,
    Detector = Peak,
    Trace Mode = Max Hold,
    Manually readjust RBW until the RBW/EBW ratio is 1% based on EBW as observed on the result of pre-sequence measurement.
  - 3.b. Mark the peak frequency and –26dB (upper and lower) frequency.
- 4. Repeat the procedures as list above until all test default channels (low, middle, and high) are completed.
- For 99% Bandwidth: Set the spectrum analyzer as RBW=1%, VBW = 3\*RBW, Span = large enough to capture all products of the modulation process, Detector=Sample, Sweep=auto.
- 6. Turn on the 99% bandwidth function, max reading.
- 7. Repeat above procedures until all frequency of interest measured was complete.

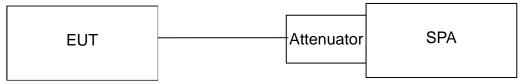
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## 8.3 Test Setup



#### 8.4 **Measurement Result**

#### 8.4.1 **Bandwidth**

## Mode: CDD

### 802.11a\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.401	18.400
45	6175	16.423	18.400
93	6415	16.450	18.310
97	6435	16.426	18.450
105	6475	16.428	18.460
113	6515	16.433	18.480
117	6535	16.446	18.420
149	6695	16.471	18.420
181	6855	16.420	18.500
185	6875(U-NII 7)	8.211	9.195
185	6875(U-NII 8)	8.211	9.195
189	6895	16.413	18.360
209	6995	16.434	18.440
229	7095	16.410	18.310

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#### 802.11a\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.422	18.430
45	6175	16.440	18.300
93	6415	16.411	18.310
97	6435	16.423	18.170
105	6475	16.412	18.510
113	6515	16.432	18.320
117	6535	16.428	18.160
149	6695	16.428	18.320
181	6855	16.439	18.380
185	6875(U-NII 7)	8.220	9.210
185	6875(U-NII 8)	8.220	9.210
189	6895	16.443	18.380
209	6995	16.458	18.530
229	7095	16.428	18.280

#### 802.11a\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.431	18.320
45	6175	16.397	18.300
93	6415	16.444	18.290
97	6435	16.447	18.250
105	6475	16.426	18.280
113	6515	16.432	18.230
117	6535	16.444	18.420
149	6695	16.434	18.420
181	6855	16.440	18.440
185	6875(U-NII 7)	8.200	9.165
185	6875(U-NII 8)	8.200	9.165
189	6895	16.428	18.340
209	6995	16.433	18.240
229	7095	16.416	18.420

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#### 802.11a\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	16.408	18.300
45	6175	16.420	18.410
93	6415	16.415	18.340
97	6435	16.428	18.300
105	6475	16.432	18.390
113	6515	16.406	18.340
117	6535	16.429	18.360
149	6695	16.425	18.360
181	6855	16.411	18.260
185	6875(U-NII 7)	8.201	9.230
185	6875(U-NII 8)	8.201	9.230
189	6895	16.424	18.360
209	6995	16.424	18.290
229	7095	16.433	18.310

#### 802.11n\_HT20\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.588	19.000
45	6175	17.579	19.010
93	6415	17.573	18.970
97	6435	17.555	18.940
105	6475	17.567	18.990
113	6515	17.566	18.880
117	6535	17.562	19.020
149	6695	17.570	18.980
181	6855	17.565	19.060
185	6875(U-NII 7)	8.788	9.535
185	6875(U-NII 8)	8.788	9.535
189	6895	17.578	18.920
209	6995	17.552	19.090
229	7095	17.577	18.960

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#### 802.11n\_HT20\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.598	18.970
45	6175	17.589	18.990
93	6415	17.603	18.990
97	6435	17.590	18.910
105	6475	17.586	18.960
113	6515	17.595	18.990
117	6535	17.571	18.880
149	6695	17.574	18.930
181	6855	17.583	19.020
185	6875(U-NII 7)	8.793	9.455
185	6875(U-NII 8)	8.793	9.455
189	6895	17.587	18.910
209	6995	17.566	19.100
229	7095	17.593	18.940

#### 802.11n\_HT20\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.574	19.000
45	6175	17.587	18.970
93	6415	17.573	18.970
97	6435	17.576	19.100
105	6475	17.576	18.890
113	6515	17.570	18.970
117	6535	17.578	18.980
149	6695	17.580	19.070
181	6855	17.591	18.970
185	6875(U-NII 7)	8.782	9.465
185	6875(U-NII 8)	8.782	9.465
189	6895	17.588	18.940
209	6995	17.594	18.920
229	7095	17.584	18.960

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#### 802.11n\_HT20\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	17.562	19.040
45	6175	17.573	19.040
93	6415	17.579	18.950
97	6435	17.585	18.940
105	6475	17.586	18.920
113	6515	17.567	18.930
117	6535	17.570	18.970
149	6695	17.567	18.990
181	6855	17.587	19.040
185	6875(U-NII 7)	8.789	9.470
185	6875(U-NII 8)	8.789	9.470
189	6895	17.566	18.980
209	6995	17.589	18.960
229	7095	17.560	18.960

#### 802.11n\_HT40\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.124	38.580
43	6165	36.105	38.530
91	6405	36.130	38.530
99	6445	36.093	38.570
107	6485	36.121	38.660
115	6525(U-NII 6)	18.057	19.250
115	6525(U-NII 7)	18.057	19.250
123	6565	36.161	38.560
147	6685	36.132	38.580
179	6845	36.158	38.540
187	6885(U-NII 7)	8.106	9.335
187	6885(U-NII 8)	28.106	29.335
195	6925	36.104	38.540
211	7005	36.091	38.750
227	7085	36.143	38.430

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#### 802.11n\_HT40\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.166	38.380
43	6165	36.128	38.340
91	6405	36.163	38.470
99	6445	36.176	38.290
107	6485	36.103	38.280
115	6525(U-NII 6)	18.041	19.185
115	6525(U-NII 7)	18.041	19.185
123	6565	36.172	38.380
147	6685	36.086	38.400
179	6845	36.125	38.290
187	6885(U-NII 7)	8.070	9.145
187	6885(U-NII 8)	28.070	29.145
195	6925	36.101	38.390
211	7005	36.160	38.280
227	7085	36.143	38.170

### 802.11n\_HT40\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.051	38.270
43	6165	36.143	38.360
91	6405	36.079	38.440
99	6445	36.130	38.530
107	6485	36.116	38.500
115	6525(U-NII 6)	18.047	19.165
115	6525(U-NII 7)	18.047	19.165
123	6565	36.107	38.380
147	6685	36.125	38.370
179	6845	36.122	38.410
187	6885(U-NII 7)	8.049	9.155
187	6885(U-NII 8)	28.049	29.155
195	6925	36.189	38.460
211	7005	36.151	38.310
227	7085	36.134	38.450

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#### 802.11n \_HT40\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	36.177	38.360
43	6165	36.141	38.450
91	6405	36.118	38.320
99	6445	36.132	38.470
107	6485	36.163	38.350
115	6525(U-NII 6)	18.037	19.225
115	6525(U-NII 7)	18.037	19.225
123	6565	36.212	38.410
147	6685	36.122	38.340
179	6845	36.144	38.400
187	6885(U-NII 7)	8.052	9.255
187	6885(U-NII 8)	28.052	29.255
195	6925	36.091	38.350
211	7005	36.145	38.280
227	7085	36.176	38.560

802.11ac\_VHT80\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.70	79.210
39	6145	75.62	78.980
87	6385	75.65	79.270
103	6465	75.65	79.140
119	6545(U-NII 6)	17.83	19.655
119	6545(U-NII 7)	57.83	59.655
135	6625	75.62	79.390
151	6705	75.73	79.400
167	6785	75.60	79.170
183	6865(U-NII 7)	47.85	49.625
183	6865(U-NII 8)	27.85	29.625
199	6945	75.54	79.130
215	7025	75.60	79.200

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#### 802.11ac\_VHT80\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.75	79.100
39	6145	75.51	79.090
87	6385	75.62	79.110
103	6465	75.59	79.140
119	6545(U-NII 6)	17.81	19.495
119	6545(U-NII 7)	57.81	59.495
135	6625	75.54	79.000
151	6705	75.73	79.310
167	6785	75.53	79.100
183	6865(U-NII 7)	47.87	49.555
183	6865(U-NII 8)	27.87	29.555
199	6945	75.68	79.050
215	7025	75.56	79.120

### 802.11ac\_VHT80\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.49	78.920
39	6145	75.90	79.190
87	6385	75.57	78.900
103	6465	75.62	79.030
119	6545(U-NII 6)	17.78	19.515
119	6545(U-NII 7)	57.78	59.515
135	6625	75.74	79.160
151	6705	75.69	79.060
167	6785	75.64	79.170
183	6865(U-NII 7)	47.83	49.435
183	6865(U-NII 8)	27.83	29.435
199	6945	75.73	79.080
215	7025	75.81	79.080

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### 802.11ac \_VHT80\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	75.61	78.890
39	6145	75.63	79.040
87	6385	75.75	79.040
103	6465	75.67	78.920
119	6545(U-NII 6)	17.81	19.555
119	6545(U-NII 7)	57.81	59.555
135	6625	75.68	78.980
151	6705	75.80	79.130
167	6785	75.68	78.920
183	6865(U-NII 7)	47.86	49.535
183	6865(U-NII 8)	27.86	29.535
199	6945	75.58	79.160
215	7025	75.61	79.030

### 802.11ac\_VHT160\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	154.80	160.490
47	6185	154.90	160.630
79	6345	155.25	160.710
111	6505(U-NII 6)	97.57	100.295
111	6505(U-NII 7)	57.57	60.295
143	6665	154.70	160.460
175	6825(U-NII 7)	127.35	130.170
175	6825(U-NII 8)	27.35	30.170
207	6985	154.42	160.410

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### 802.11ac\_VHT160\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	154.69	160.570
47	6185	155.13	160.530
79	6345	155.43	160.590
111	6505(U-NII 6)	97.63	100.305
111	6505(U-NII 7)	57.63	60.305
143	6665	154.79	160.410
175	6825(U-NII 7)	127.35	130.285
175	6825(U-NII 8)	27.35	30.285
207	6985	154.46	160.410

802.11ac\_VHT160\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	154.80	160.480
47	6185	154.76	160.570
79	6345	154.54	160.260
111	6505(U-NII 6)	97.39	100.270
111	6505(U-NII 7)	57.39	60.270
143	6665	154.97	160.750
175	6825(U-NII 7)	127.60	130.355
175	6825(U-NII 8)	27.60	30.355
207	6985	154.96	160.520

### 802.11ac \_VHT160\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	155.08	160.590
47	6185	154.85	160.650
79	6345	154.64	160.610
111	6505(U-NII 6)	97.48	100.350
111	6505(U-NII 7)	57.48	60.350
143	6665	154.87	160.630
175	6825(U-NII 7)	127.46	130.340
175	6825(U-NII 8)	27.46	30.340
207	6985	154.98	160.660

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### 802.11be\_EHT20\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.935	19.910
45	6175	18.942	19.880
93	6415	18.948	19.840
97	6435	18.906	19.880
105	6475	18.902	19.770
113	6515	18.919	19.800
117	6535	18.901	19.860
149	6695	18.926	19.850
181	6855	18.928	19.890
185	6875(U-NII 7)	9.462	9.925
185	6875(U-NII 8)	9.462	9.925
189	6895	18.951	19.870
209	6995	18.911	19.830
229	7095	18.925	19.850

#### 802.11be\_EHT20\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.930	19.850
45	6175	18.920	19.880
93	6415	18.947	19.800
97	6435	18.945	19.900
105	6475	18.942	19.860
113	6515	18.948	19.890
117	6535	18.960	19.860
149	6695	18.945	19.910
181	6855	18.924	19.780
185	6875(U-NII 7)	9.461	9.960
185	6875(U-NII 8)	9.461	9.960
189	6895	18.938	19.970
209	6995	18.907	19.880
229	7095	18.925	19.840

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#### 802.11be\_EHT20\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.923	19.800
45	6175	18.928	19.850
93	6415	18.916	19.910
97	6435	18.929	19.890
105	6475	18.933	19.790
113	6515	18.881	19.850
117	6535	18.940	19.790
149	6695	18.920	19.900
181	6855	18.952	19.820
185	6875(U-NII 7)	9.475	9.950
185	6875(U-NII 8)	9.475	9.950
189	6895	18.949	19.840
209	6995	18.896	19.830
229	7095	18.931	19.820

#### 802.11be\_EHT20\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
1	5955	18.949	19.890
45	6175	18.936	19.850
93	6415	18.925	19.850
97	6435	18.916	19.820
105	6475	18.932	19.890
113	6515	18.935	19.840
117	6535	18.932	19.930
149	6695	18.925	19.840
181	6855	18.909	19.720
185	6875(U-NII 7)	9.449	9.910
185	6875(U-NII 8)	9.449	9.910
189	6895	18.922	19.850
209	6995	18.938	19.900
229	7095	18.921	19.880

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#### 802.11be\_EHT40\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.869	39.520
43	6165	37.868	39.550
91	6405	37.835	39.630
99	6445	37.812	39.530
107	6485	37.871	39.750
115	6525(U-NII 6)	18.879	19.680
115	6525(U-NII 7)	18.879	19.680
123	6565	37.708	39.390
147	6685	37.812	39.460
179	6845	37.773	39.470
187	6885(U-NII 7)	8.898	9.765
187	6885(U-NII 8)	28.898	29.765
195	6925	37.787	39.390
211	7005	37.783	39.570
227	7085	37.845	39.420

### 802.11be\_EHT40\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.845	39.550
43	6165	37.860	39.660
91	6405	37.785	39.410
99	6445	37.788	39.550
107	6485	37.808	39.380
115	6525(U-NII 6)	18.924	19.725
115	6525(U-NII 7)	18.924	19.725
123	6565	37.748	39.480
147	6685	37.848	39.490
179	6845	37.801	39.340
187	6885(U-NII 7)	8.891	9.800
187	6885(U-NII 8)	28.891	29.800
195	6925	37.767	39.600
211	7005	37.837	39.640
227	7085	37.828	39.490

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#### 802.11be\_EHT40\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.688	39.420
43	6165	37.790	39.320
91	6405	37.833	39.400
99	6445	37.839	39.610
107	6485	37.772	39.390
115	6525(U-NII 6)	18.888	19.685
115	6525(U-NII 7)	18.888	19.685
123	6565	37.809	39.440
147	6685	37.831	39.320
179	6845	37.829	39.640
187	6885(U-NII 7)	8.873	9.790
187	6885(U-NII 8)	28.873	29.790
195	6925	37.743	39.400
211	7005	37.856	39.430
227	7085	37.851	39.600

### 802.11be\_EHT40\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
3	5965	37.810	39.570
43	6165	37.747	39.640
91	6405	37.824	39.410
99	6445	37.767	39.560
107	6485	37.784	39.610
115	6525(U-NII 6)	18.900	19.820
115	6525(U-NII 7)	18.900	19.820
123	6565	37.822	39.470
147	6685	37.758	39.500
179	6845	37.857	39.440
187	6885(U-NII 7)	8.873	9.660
187	6885(U-NII 8)	28.873	29.660
195	6925	37.829	39.280
211	7005	37.811	39.460
227	7085	37.896	39.450

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#### 802.11be\_EHT80\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.28	80.090
39	6145	77.29	80.030
87	6385	77.42	80.210
103	6465	77.36	80.070
119	6545(U-NII 6)	18.69	20.010
119	6545(U-NII 7)	58.69	60.010
135	6625	77.30	80.010
151	6705	77.43	80.050
167	6785	77.38	80.090
183	6865(U-NII 7)	48.72	50.105
183	6865(U-NII 8)	28.72	30.105
199	6945	77.30	80.150
215	7025	77.38	80.170

### 802.11be\_EHT80\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.33	80.080
39	6145	77.42	80.070
87	6385	77.46	80.290
103	6465	77.52	80.160
119	6545(U-NII 6)	18.70	20.055
119	6545(U-NII 7)	58.70	60.055
135	6625	77.26	80.060
151	6705	77.51	80.130
167	6785	77.34	80.110
183	6865(U-NII 7)	48.77	50.095
183	6865(U-NII 8)	28.77	30.095
199	6945	77.35	80.130
215	7025	77.30	80.010

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### 802.11be\_EHT80\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.27	80.090
39	6145	77.52	80.020
87	6385	77.35	80.070
103	6465	77.35	80.160
119	6545(U-NII 6)	18.70	20.100
119	6545(U-NII 7)	58.70	60.100
135	6625	77.46	80.170
151	6705	77.42	80.010
167	6785	77.38	80.100
183	6865(U-NII 7)	48.73	50.030
183	6865(U-NII 8)	28.73	30.030
199	6945	77.37	80.030
215	7025	77.37	80.120

### 802.11be\_EHT80\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
7	5985	77.28	80.220
39	6145	77.54	80.140
87	6385	77.51	80.300
103	6465	77.35	80.130
119	6545(U-NII 6)	18.69	20.070
119	6545(U-NII 7)	58.69	60.070
135	6625	77.33	80.110
151	6705	77.53	80.220
167	6785	77.30	80.210
183	6865(U-NII 7)	48.72	50.060
183	6865(U-NII 8)	28.72	30.060
199	6945	77.44	80.210
215	7025	77.37	80.100

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### 802.11be\_EHT160\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.73	162.380
47	6185	156.84	162.250
79	6345	157.06	162.550
111	6505(U-NII 6)	98.53	101.215
111	6505(U-NII 7)	58.53	61.215
143	6665	156.68	162.170
175	6825(U-NII 7)	128.19	131.225
175	6825(U-NII 8)	28.19	31.225
207	6985	156.17	162.130

802.11be\_EHT160\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.76	162.340
47	6185	156.86	162.520
79	6345	157.10	162.730
111	6505(U-NII 6)	98.53	101.170
111	6505(U-NII 7)	58.53	61.170
143	6665	156.57	162.540
175	6825(U-NII 7)	128.32	131.180
175	6825(U-NII 8)	28.32	31.180
207	6985	156.00	162.020

### 802.11be\_EHT160\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.74	162.280
47	6185	156.50	162.350
79	6345	156.40	162.140
111	6505(U-NII 6)	98.35	101.230
111	6505(U-NII 7)	58.35	61.230
143	6665	156.69	162.530
175	6825(U-NII 7)	128.32	131.215
175	6825(U-NII 8)	28.32	31.215
207	6985	156.75	162.270

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### 802.11be\_EHT160\_Ch3

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
15	6025	156.76	162.210
47	6185	156.20	162.230
79	6345	156.54	162.260
111	6505(U-NII 6)	98.16	101.095
111	6505(U-NII 7)	58.16	61.095
143	6665	156.39	162.150
175	6825(U-NII 7)	128.14	131.245
175	6825(U-NII 8)	28.14	31.245
207	6985	156.61	162.350

802.11be\_EHT320\_Ch0

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.31	326.700
63	6185	315.13	326.300
95	6425(U-NII 5)	157.73	163.250
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	57.73	63.250
127	6585(U-NII 6)	97.25	103.065
127	6585(U-NII 7)	217.25	223.065
159	6745(U-NII 7)	287.22	292.925
159	6745(U-NII 8)	27.22	32.925
191	6905(U-NII 7)	127.17	133.230
191	6905(U-NII 8)	187.17	193.230

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### 802.11be\_EHT320\_Ch1

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.55	326.260
63	6185	315.07	326.100
95	6425(U-NII 5)	157.88	163.480
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	57.88	63.480
127	6585(U-NII 6)	97.14	103.135
127	6585(U-NII 7)	217.14	223.135
159	6745(U-NII 7)	287.27	293.090
159	6745(U-NII 8)	27.27	33.090
191	6905(U-NII 7)	126.68	133.400
191	6905(U-NII 8)	186.68	193.400

#### 802.11be\_EHT320\_Ch2

СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.36	326.560
63	6185	315.05	326.510
95	6425(U-NII 5)	156.98	163.190
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	56.98	63.190
127	6585(U-NII 6)	97.33	103.170
127	6585(U-NII 7)	217.33	223.170
159	6745(U-NII 7)	287.48	293.205
159	6745(U-NII 8)	27.48	33.205
191	6905(U-NII 7)	127.25	133.020
191	6905(U-NII 8)	187.25	193.020

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### 802.11be\_EHT320\_Ch3

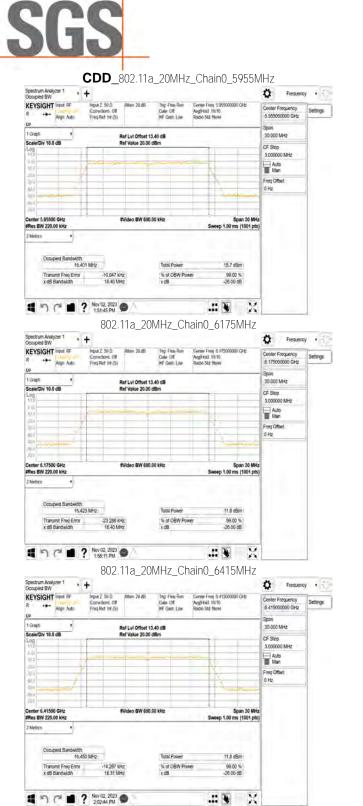
СН	Frequency (MHz)	99% BW (MHz)	26dB BW (MHz)
31	6105	314.90	326.260
63	6185	314.96	326.360
95	6425(U-NII 5)	157.23	163.205
95	6425(U-NII 6)	100.00	100.000
95	6425(U-NII 7)	57.23	63.205
127	6585(U-NII 6)	97.30	103.160
127	6585(U-NII 7)	217.30	223.160
159	6745(U-NII 7)	287.48	293.190
159	6745(U-NII 8)	27.48	33.190
191	6905(U-NII 7)	126.86	133.000
191	6905(U-NII 8)	186.86	193.000

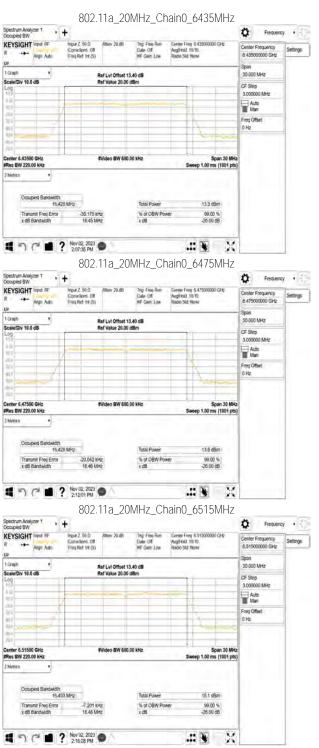
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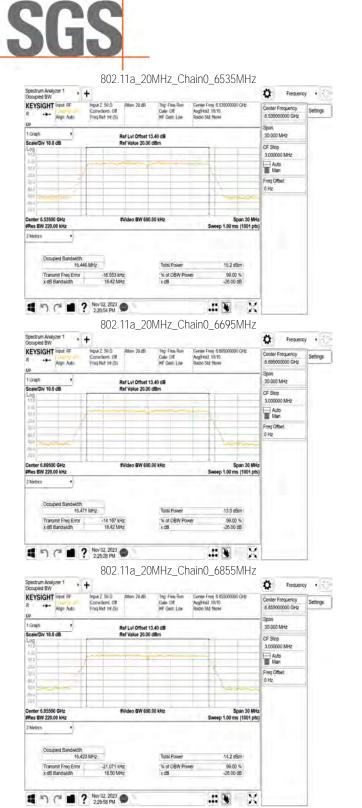
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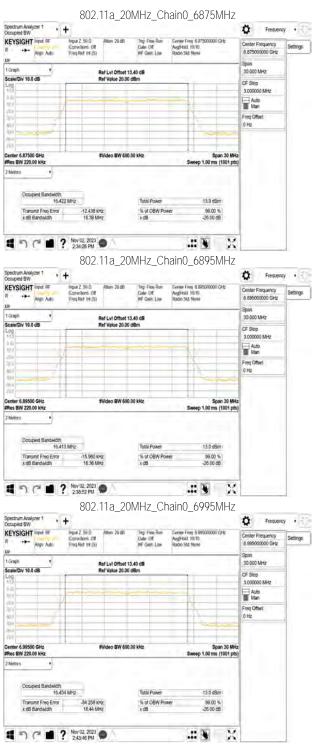
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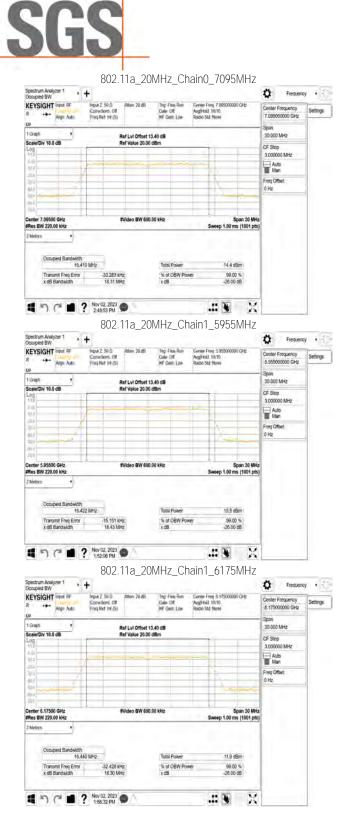
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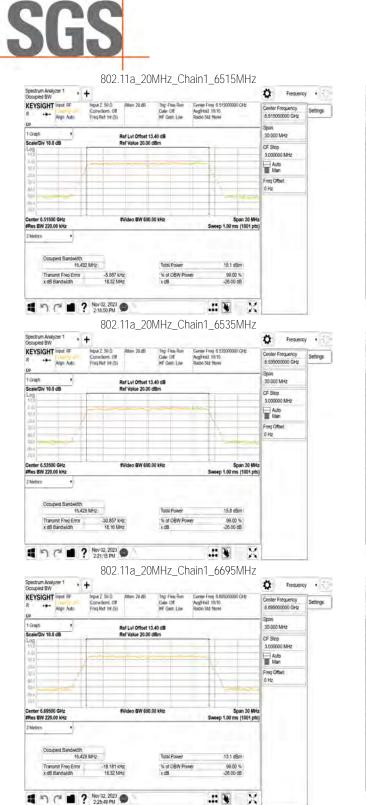
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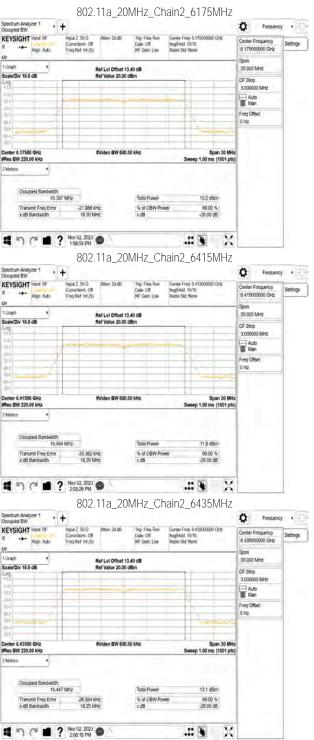
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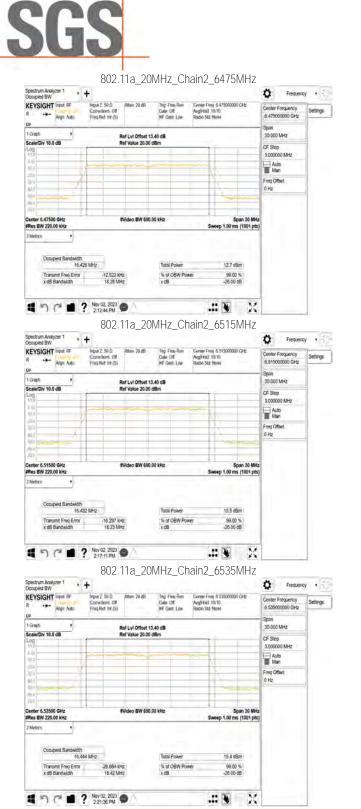
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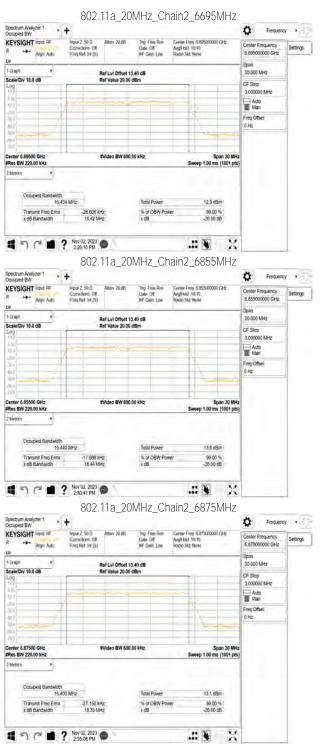
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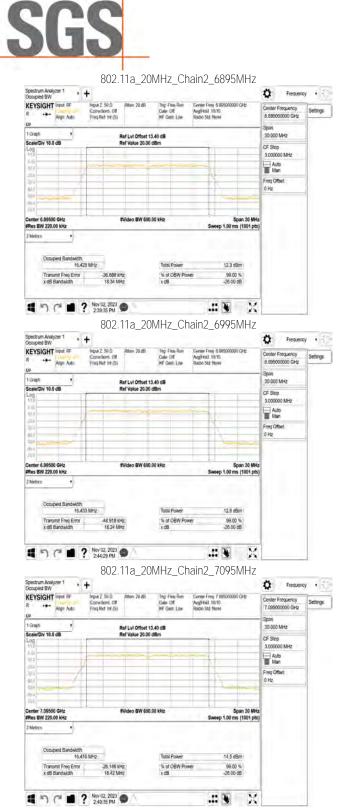
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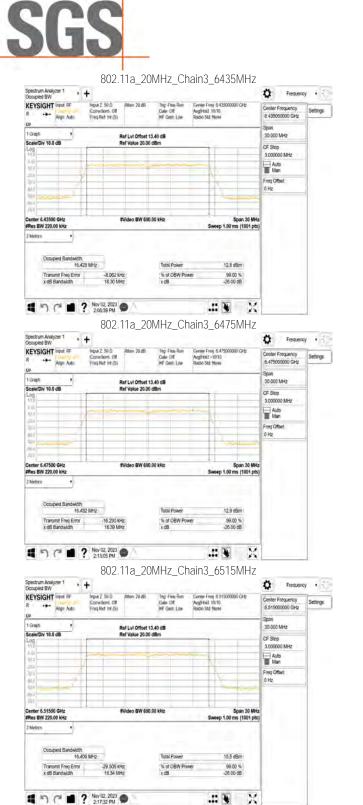
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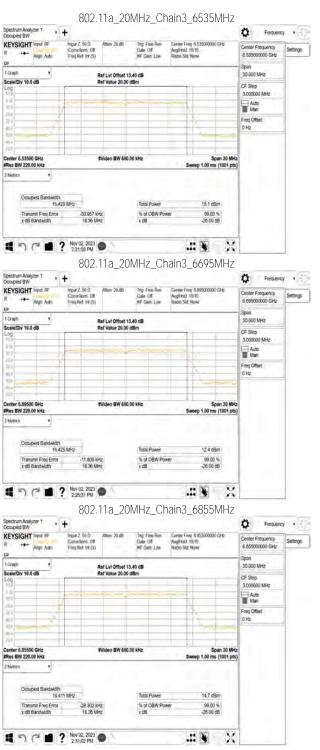
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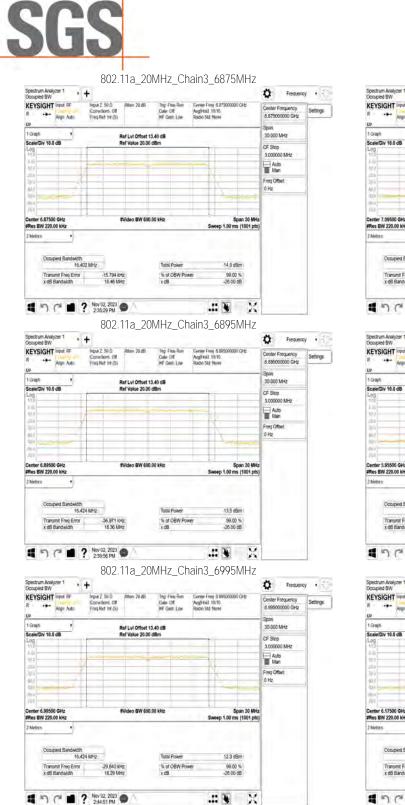
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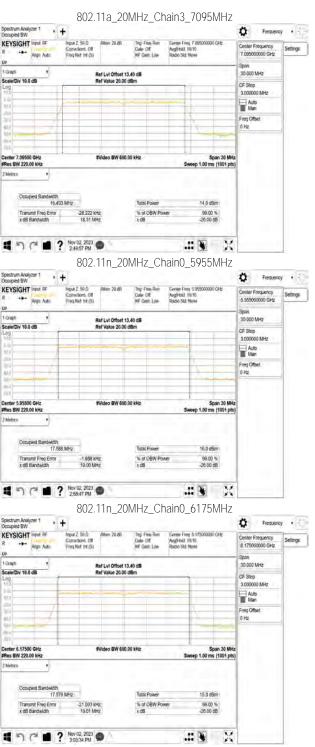
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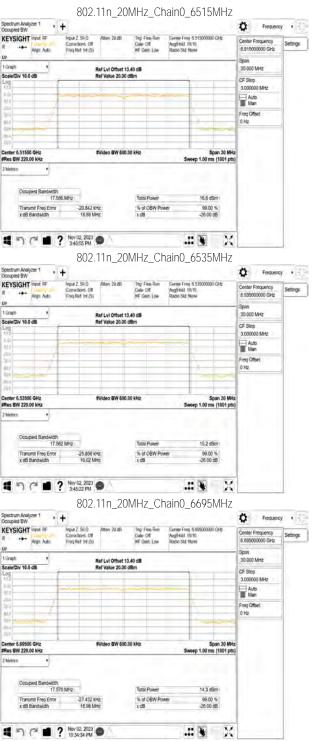
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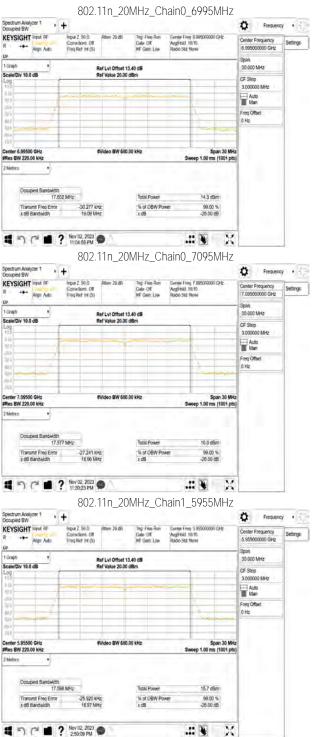
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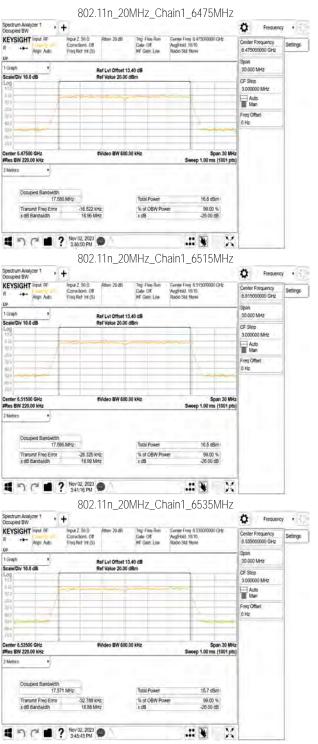
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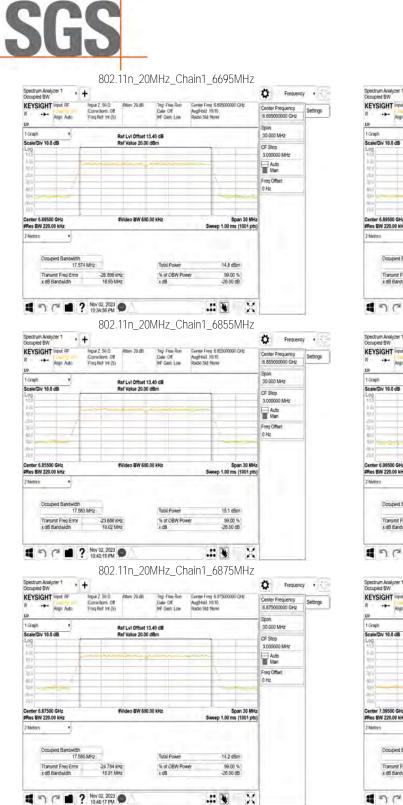
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Anger Autor	Input Z 50 0. Attain 20 Controllions: Off Frog Ref. Int (5)	0.48 Trig Free Run Gale Off INF Quin: Low	Center Filmy & 8250000 Avg/Hok1 10/10 Radio Sk1 None	0 GH2	Center Frequency 6.855000000 GHz	Setting
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		fset 13,40 dB			Span 30.000 MHz	
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AlerDin 15.0 dB	Ref Value EVideo B	W 680.00 KHz	Sweep 1.00 n 16.1 c	is (1001 pts) Bim	Auto Man Freq Offset 0 Hz	

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pectrum Analyzer 1 + koupled BW	+				C Frequent	y :
EYSIGHT input RF	Inguit Z. 50 0. Attain 20 Connictions: Off Freq Ref. Int (5)	dB Trig Free Run Gale Off INF Gain Low	Center Free 6.43500000 AvgHold 10/10 Radio Std None	CH4	Center Frequency 6 435000000 GHz	Settor
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inter 6.47500 GHz les BW 220.00 kHz	#Video BV	V 680.00 KHz	Sweep 1.00 ms	an 30 MHz (1001 pts)		
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enter 6.51500 GHz Res BW 220.00 kHz	#Video BV	V 680.00 kHz	Sweep 1.00 ms	an 30 MHz		
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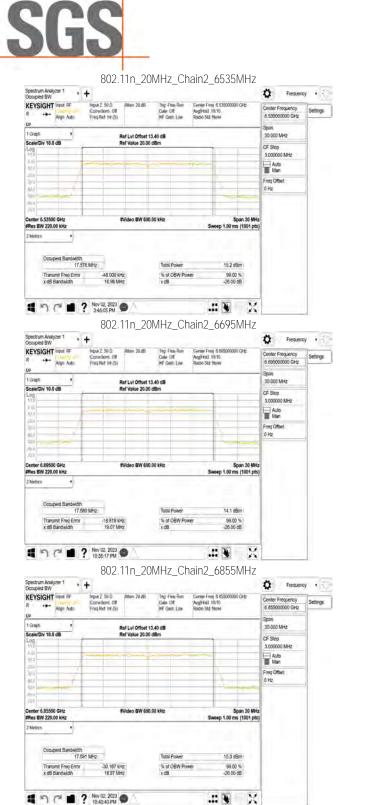
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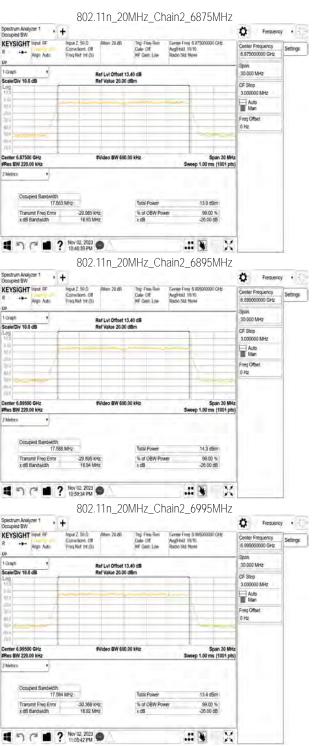
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# Report No.: TERF2308001924E2 Page: 71 of 865



802.11n\_20MHz\_Chain3\_6415MHz Frequency . Ö Thig Free Run Gale Off INF Gain: Low #7 50 0 Atlany 20,451 Center From 6 41500 Convictions: Off Frog Ref. Int (5) Center Frequency 6 415000000 GHz AvgHold 10 Settings ipan 30.000 MHz Ref Lvi Offset 13,40 dB Ref Value 20,00 dBm CF Step 3.000000 MHz Auto Man Freq Offsel 0 Hz FVideo BW 680.00 kHz Span 30 MHz Sweep 1.00 ms (1001 pts) Total Power 15.4 dBm % of OBW Power x dB -33.002 MHz 18.85 MHz 99.00 % -26.00 dB 1 5 C 1 ? Nov 02, 2023 .:: 👻 X 802.11n\_20MHz\_Chain3\_6435MHz ø Frequency + Atlany 20 dB Thg Free Run Gale Off INF Gain: Low Center Free 6 43500000 CHb Center Frequency 6 435000000 GHz Convictions: Off Freq Ref. Int (5) Settings AvgHold 10/10 Ratio Sat Nose Ref Lvi Offset 13.40 dB Ref Value 20.00 dBm 30,000 MHz CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz Span 30 M Sweep 1.00 ms (1001 p D RW 640 00 kH Total Power 15.4 dBm -36.685 KHz 18.94 MHz % of DBW Power x dB 99.00 % -26.00 dB 1 5 C 1 2 1 1 2 Nov 02, 2023 X .# 👻 802.11n 20MHz Chain3 6475MHz Frequency i ø Thig Free Run Gale Off INF Gain Low Input Z 50 0 Convictions: Off Freq Ref. Int (5) Atlany 20 dB Center Film 6 4750 AvgHold 10/10 Radio Std Note Center Frequency 6.475000000 GHz Settings 30.000 MHz Ref Lvt Offset 13.40 dB Ref Value 20.00 dBm CF Step 3.000000 MHz Auto Man Freq Offset 0 Hz EVideo RW 640 00 kHz Snan 30 MH Sweep 1.00 ms (1001 pts Total Power 16.3 dBm % of DBW Power x dB 99.00 % -26.00 dB 1 5 C 1 2 Nov 02, 2023 .# 👻 X

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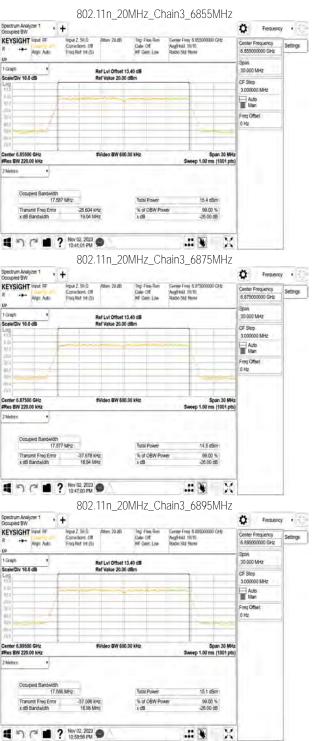
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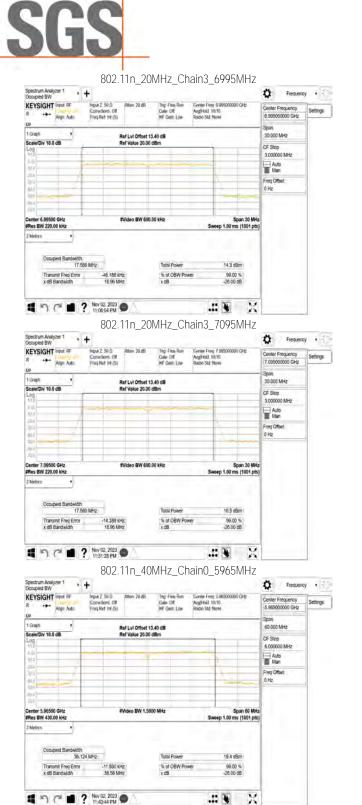
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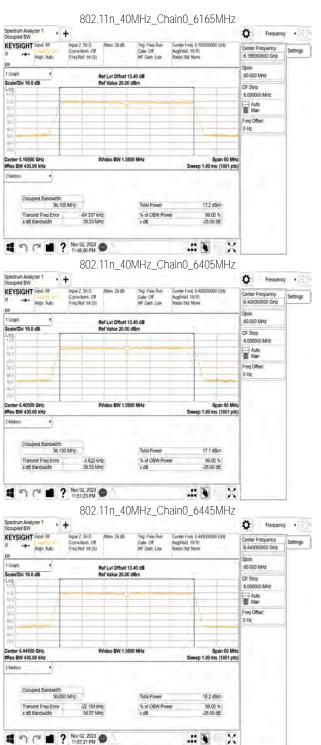
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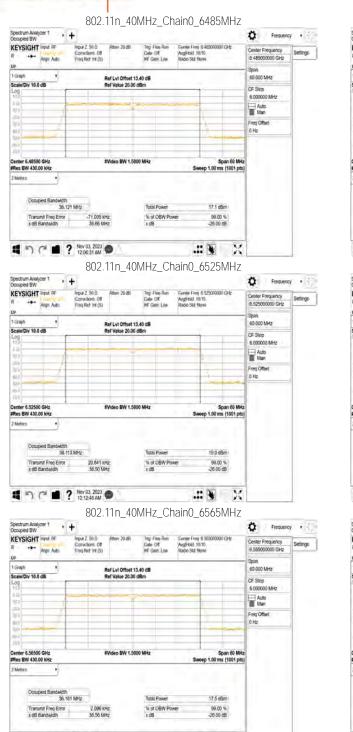
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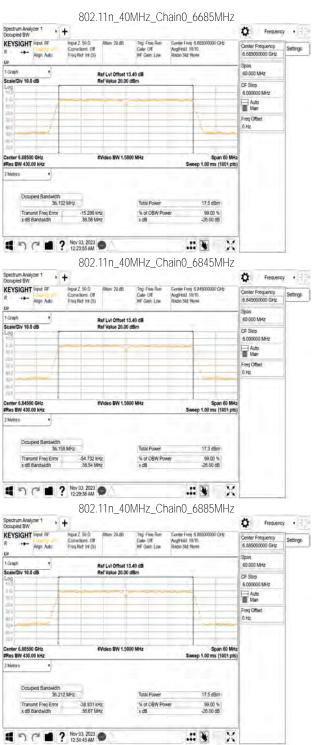
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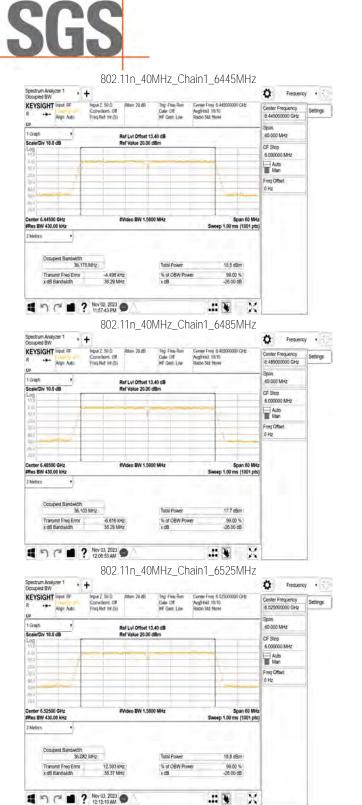
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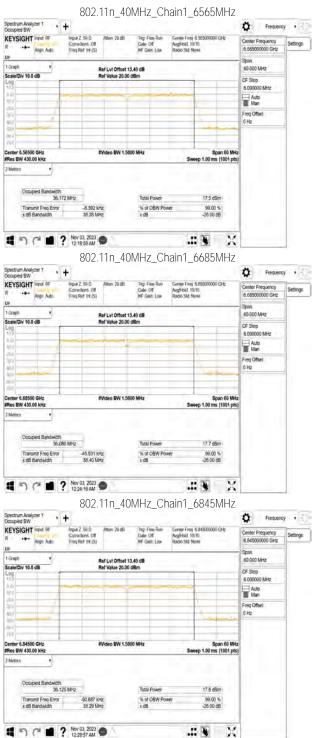
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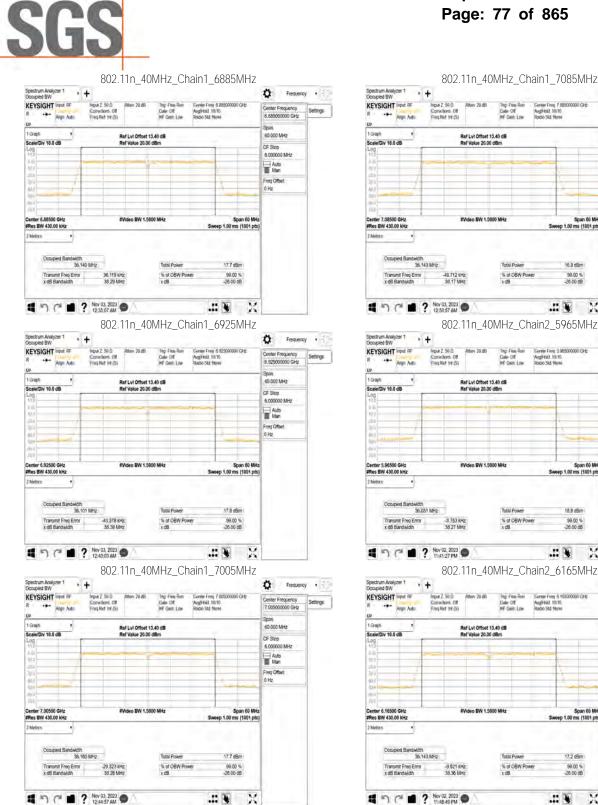
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Frequency : Ö Trig Free Run Gale Off INF Gain Low Center Frequency Settings AvgHold 10 pan 80.000 MHz Ref Lvi Offset 13.40 dB Ref Value 20.00 dBm CF Step 6.000000 MHz Auto Man Freq Offsei 0 Hz #Video BW 1.5000 MH Span 60 M Sweep 1.00 ms (1001 pts Total Power 16.9 dBm % of OBW Power x dB 99.00 % -26.00 dB .:: 👻 X 802.11n\_40MHz\_Chain2\_5965MHz ø Frequency . The Free Run Gale Off INF Gain: Low 000 CEE Center Frequency 5.965000000 GHz Settings AvgHold 10/10 Radio Sat Nose 60.000 MHz Ref Lvi Offset 13.40 dB Ref Value 20.00 dBm CF Step 6.000000 MHz Auto Man Freq Offset 0 Hz Span 60 Mi Sweep 1.00 ms (1001 pt #Video BW 1.5000 MHz Total Power 18.8 dBm % of OBW Power x dB 99.00 % -26.00 dB X # 👻 802.11n 40MHz Chain2 6165MHz Frequency i ø Trig Free Run Gale Off INF Gain: Low Center Freq 61 AvgHok1 10/10 Radio Skt Nore requency Settings 60.000 MHz Ref Lvt Offset 13.40 dB Ref Value 20.00 dBm CF Step 6.000000 MHz Auto Freq Offse 0 Hz #Video BW 1,5000 MHz Span 60 MH Sweep 1.00 ms (1001 pts Total Power 17.2 dBm % of OBW Power x dB 99.00 % -26.00 dB

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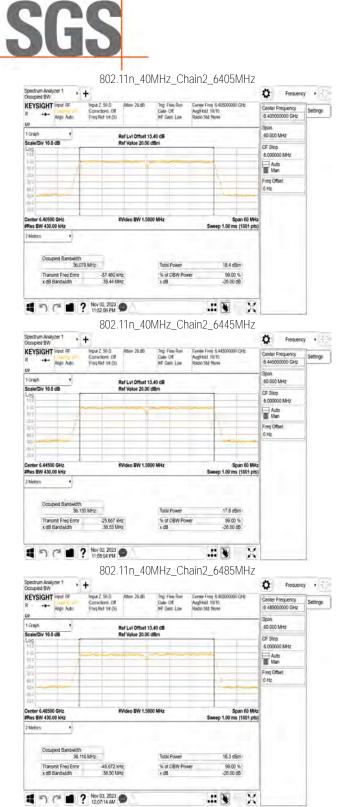
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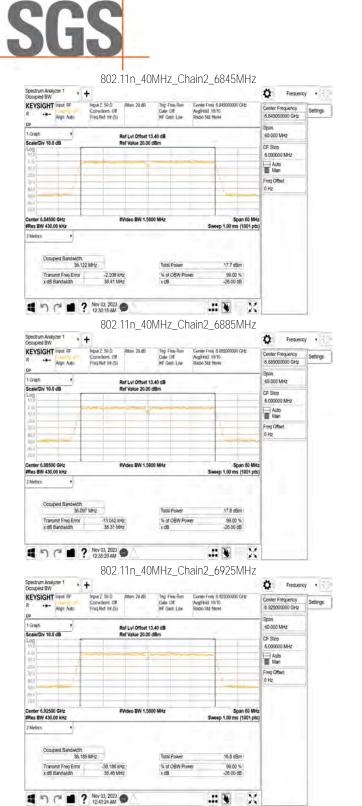
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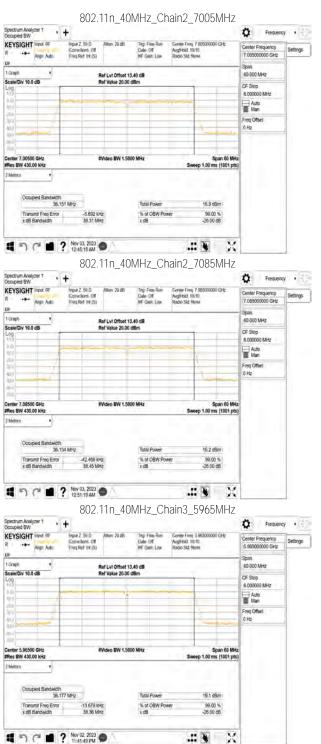
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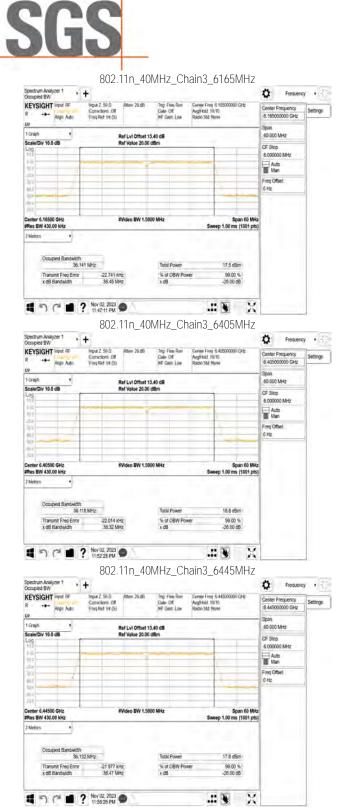
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Spectrum Analyzer 1 V Occupied BW	+			C Feet	uency .
EYSIGHT input RF	Input Z. 50 0. Atter Convictions: Off Freq Ref. Int (5)	n 20.68 Trig Free Run Gale Off MF Gain Low	Center Filmy & 455000000 AvgHold: 10/10 Radio Skit None	CH2 Center Frequence 6 485000000 G	
DR 1 Graph y				Span 60.000 MHz	
scale/Div 10.0 dB	Ref Li Ref Vi	il Offset 13,40 dB slue 20.00 dBm		CE Step	-
0g				6.000000 MHz	
100		1		Auto	
100 T				Freq Offset	
40.0			-	0 Hz	_
pð.					
enter 6.48500 GHz	#Vide	o BW 1.5000 MHz	S	an 60 MHz	
Res BW 430.00 kHz Metrics		No Martin	Sweep 1.00 ms	(1001 pts)	
Occupied Bandwidth					
36.1 Transmit Freg Error	63 MHz	Total Power % of OBW Po	16.7 dB wer 99.00		
x dB Bandwidth	.38.35 MHz	x dB	-25.00 (		
1901	Nov 03, 2023	Δ	.:: 👻	M	
		n_40MHz_Ct		MH7	
pectrum Analyzer 1 +	+		101113_00201		uercy i
EYSIGHT input AF		n 20 dB Thig Free Run	Center Freq 6 52500000	CHI2 Center Frequenc	V. Commen
Angri Auto:	Convictions: Off Frog Ref. Int (5)	Gale Of INF Gain: Low	AvgHold 10/10. Risto Std Nove	6.525000000 G	
an Graph y		in the second		Span	
Scale/Div 10.0 dB	Ref V	I Offset 13,40 dB alue 20.00 dBm		60.000 MHz	
00				6.00000 MHz	
100		1		Auto Man	
(0.0)				Freq Offset	_
40.0			1	0 Hz	
(p. d)				Particular.	
Center 6.52500 GHz	#Vide	o BW 1.5000 MHz		an 60 MHz	
Res BW 430.00 kHz			Sweep 1.00 ms	(1001 pts)	
r mentes					
Occupied Bandwidth			10.0 -0		
Transmit Freg Error	-57.236 KHz	Total Power % of OBW Po	18.9 dB wer 99.00	and the second se	
x dB Bandwidth	38.45 MHz	x d8	-26.00 (		
	? Nov 03, 2023	A	.:: 👻	X	
				Course &	- 1
spectrum Analyzer 1	<b>*</b>	n_40MHz_Ch	18103_65651		uercy i
CEYSIGHT input RF	and a second sec	ny 20 dB Trig Fran Rum	Center Freq 6 36500000	China Canada	-
Angn Auto:	Convolions: Off Frog Ref. Int (5)	Gale Off INF Gain: Low	Avg14ob1 10/10 Radio Stat None	Center Frequenc 6.565000000 G	
Graph y	RefL	Offset 13,40 dB		60.000 MHz	
Scale/Div 10.0 dB	Ref Vi	alue 20.00 dBm	-	CF Step	
100 6 (ii)	1-	_		6.000000 MHz	-
15.0				Auto Man	
10 E			-	Freq Offset	
46.0			1	0 Hz	_
(0.0)					
Center 6.56500 GHz	\$Vide	o BW 1.5000 MHz	S	an 60 MHz	
Res BW 430.00 kHz	-199		Sweep 1.00 ms		
2 Metrics •					
Occupied Bandwidth	12 MHz	Total Power	17.5 dB	mi (	
				10 m	
Transmit Freq Error x dB Bandwidth	-23.041 KHz -38.41 MHz	% of OBW Po x dB	wer 99.00 -26.00		

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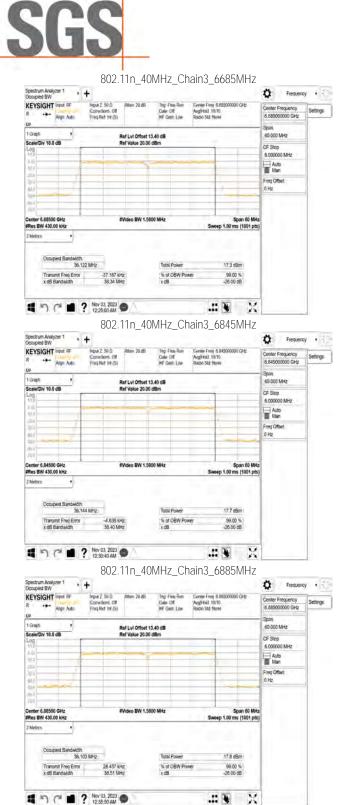
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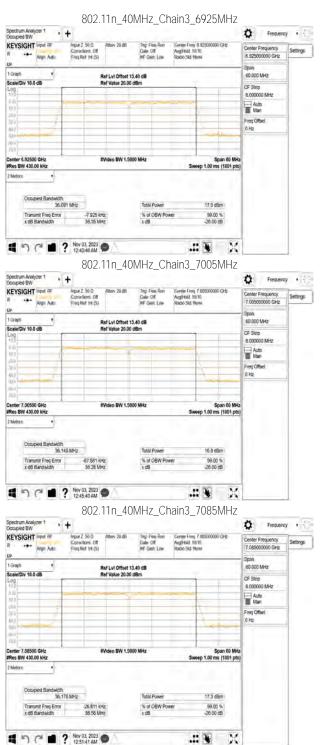
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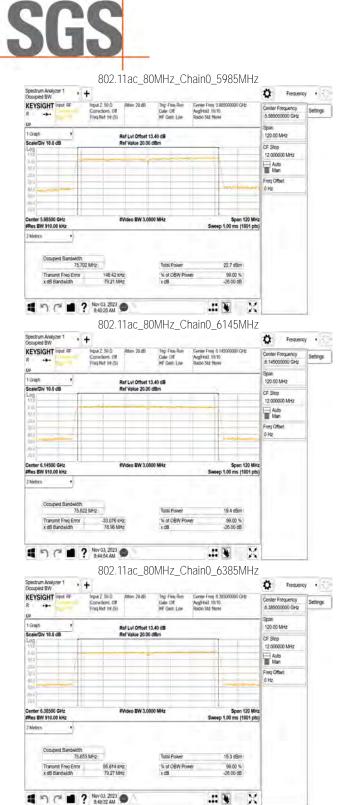
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802.11ac\_80MHz\_Chain0\_6465MHz Spectrum Analyzer 1 + Frequency . Ö Thig Free Run Gale Off INF Gain Low KEYSIGHT Input AF #7 50 0 Attany 20,65 Garrier From 6 4650 Convictions: Off Frog Ref. Int (5) Frequency nonno raw AvgHold 10 Settings -6 165 UR. 1.Graph Ref Lvi Offset 13,40 dB Ref Value 20.00 dBm 120.00 MH Contaring to 0.40 CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz Center 6.46500 GHz Res BW 910.00 kHz #Video BW 3.0000 MH Span 120 MHz rep 1.00 ms (1001 pts) Occupied Bandwidth 75.653 MHz Total Power 21.6 dBm Transmit Freq Error x dB Bandwidth % of OBW Power x dB -57.298 KHz 99.00 % -25.00 dB 1 ) (\* 1 ? Nov 03, 2023 .# 👻 X 802.11ac\_80MHz\_Chain0\_6545MHz Spectrum Analyzer 1 Occupied BW ø Frequency + 1 + KEYSIGHT input AP Atlany 20 dB Thg Free Run Gale Off INF Gain: Low at 7 50 0 Cerner Frey 6 54500000 CHb Center Frequency 6.545000000 GHz Convictions: Off Freq Ref. Int (5) Settings AvgHold 10/10 Ratio Sat Nove 120.00 MHz Ref Lvi Offset 13.40 dB Ref Value 20.00 dBm Scale/Div 10.0 dB CF Step 12.000000 MHz Auto Man Freq Offsel 0 Hz Center 6.54500 GH #Res BW 910.00 ki 6 BW 3.0000 MH Span 120 M Hep 1.00 ms (1001 p Metres Occupied Bandwidth 75.653 MHz Total Power 22.3 dBm % of DBW Power x dB Transmit Freq Error x dB Bandwidth 117.89 KHz 79.31 MHz 99.00 % -26.00 dB 1 ) C 1 ? Nov 03, 2023 X .:: ¥ 802.11ac 80MHz Chain0 6625MHz Spectrum Analyzer 1 Occupied BW 1+ ø Frequency i Center Film 6.62 AvgHold 10/10 Radio Sta None KEYSIGHT Input AF Input Z 50 0 Convictions: Off Freq Ref. Int (5) Trig Free Burr Gale Off INF Gain: Low inv 20 dB Center Frequency 6.625000000 million Settings -120.00 MHz Ref Lvt Offset 13,40 dB Ref Value 20.00 dBm Scale/Div 10.0 dB CF Step 12.000000 MHz Auto Man Freq Offse 0 Hz # 6 62500 GH #Video EW 3 0000 MHz Shan 120 Mi #Res BW 910.00 kH Sweep 1.00 ms (10 Occupied Bandwidth 75.615 MHz Total Power 20.8 dBm Transmit Freq Error x dB Bandwicth % of OBW Power x dB 99.00 % -26.00 dB -68.300 KHz 79.39 MHz 1 ) C 1 ? Nov 03, 2023 # 👻 X

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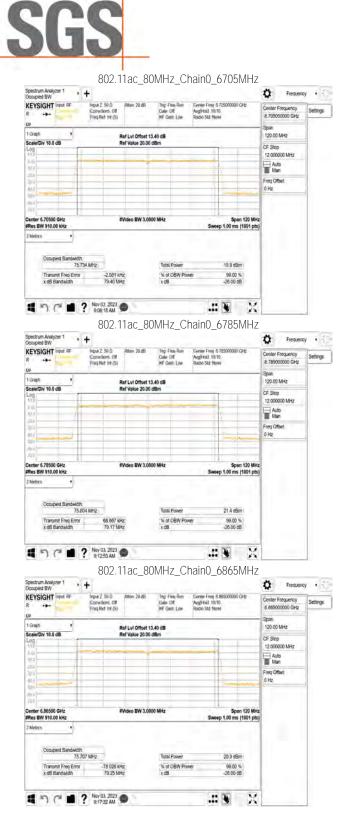
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Spectrum Analyzer 1 +	802.11ac_			1. A	Ö Frequenc	
KEYSIGHT Input RF	Ingue Z. 50.0 Atten 20 Conscions: Off Frog Ref. Int (5)	dB Thg Free Run Gale Off INF Gain: Low	Center Frey 6.94500000 AvgHold 10/10 Radio Sid Note	GHZ	Center Frequency 6.945000000 GHz	Settings
Graph y	Per Lui Off	set 13.40 dB		-	Span 120.00 MHz	1
Scale/Div 10.0 dB	Ref Value 2			_	CF Step	1
1/10 0.10	-				12.000000 MHz	
157 - / / / / / / / / / / / / / / / / / /					Man	
1000 1/ 400				_	Freq Offset 0 Hz	
EDen and an and a second secon						2
10.0						
enter 6.94500 GHz Res BW 910.00 kHz	#Video BW	3.0000 MHz	Sweep 1.00 ms	in 120 MHz (1001 pts)		
Metrics •						
Occupied Bandwidth						
75.5351		Total Power	19.8 dB			
Transmit Freq Error x dB Bandwidth	76.998 KHz 79.13 MHz	W of DBW Po x dB	wer 99.00 -25.00 0			
4 5 C 1 ?	Nov 03, 2023		.# 🗑	X		
	802 11ac	80MHz C	hain0_7025	Second and		
pectrum Analyzer 1		_00101112_0	10110_7023		C Frequenc	
EYSIGHT input RF	Input Z 50 0 Atteny 20		Gerner Fing 7 02500000	CH2	Center Frequency	-
	Convolues: Of Freq Ret Int (5)	Gale Of INF Gain: Low	AvgHold 10/10 Radio Stat None	÷.,	7.025000000 GHz	Settings
Graph y Scale/Div 10.0 dB	Ref Lvi Off	set 13,40 dB			120.00 MHz	
-09 110	nel value i		1		CF Step 12.000000 MHz	
6 (k) 10 0					Auto	1
100				-	Freq Offset	
40.0					0 Hz	
10.0						1
Center 7.02500 GHz	#Video BW	3.0000 MHz	Spr	n 120 MHz		
Res BW 910.00 kHz		Variation -	Sweep 1.00 ms	(1001 pts)		
Occupied Bandwidth 75.601		Total Power	21.2 dB			
Transmit Freq Error	-142.01 KHz	% of OBW Po				
x dB Bandwidth	79.20 MHz	x d8	-26.00 0	18		
	Nov 03, 2023		75	M		
	9.27:28 AM		.:: 👻	Ä		
	802.11ac_	_80MHz_C	hain1_5985	MHz		
pectrum Analyzer 1 +					C Frequenc	a i i
teroidini .	Input Z 50 0. Attes 20 Conscions: Off	Gale Of	Cerner Film 5.985000000 (AvgHold 10/10.	CHE	Center Frequency	Settings
99 - F	Freq Ref Int (5)	WF Gen: Low	Rudo Sta None		5.98500000 GHz Span	-
i Graph y	Ref Lvt Off	set 13.40 dB			120.00 MHz	
Scale/Div 10.0 dB	Ref Value 2	20.00 dBm		_	CF Step 12.000000 MHz	-
6(0)		****			Auto	
15.0				-	Man	
40.0			Junio	-	Freq Offset 0 Hz	
lips)						1
Center 5.98500 GHz	EVideo Bill	3.0000 MHz		in 120 MHz		1
Res BW 910.00 kHz	11000 011		Sweep 1.00 ms	(1001 pts)		
Metrics						
Occupied Bandwidth						1
	LELY.	Total Power	22.9 dB	mi		1
75.7481		A Souther of		£1		
75.748 f Transmit Freq Error x dB Bandwidth	104.22 kHz 79.10 MHz	W of OBW Po x dB	wer 99.00 -26.00 c			
Transmit Freq Error x dB Banowidh	104.22 KHz					

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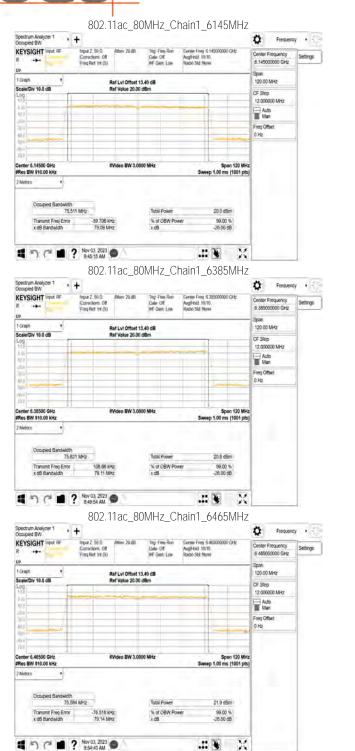
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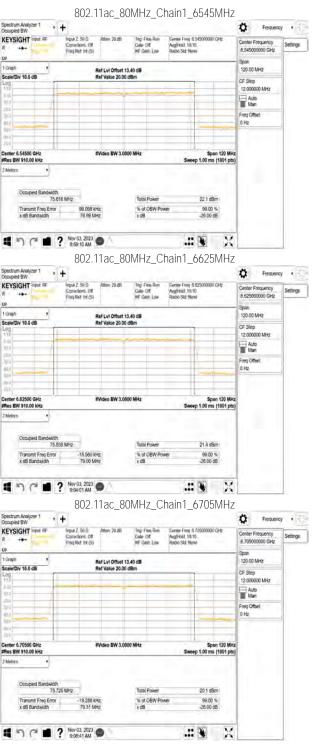
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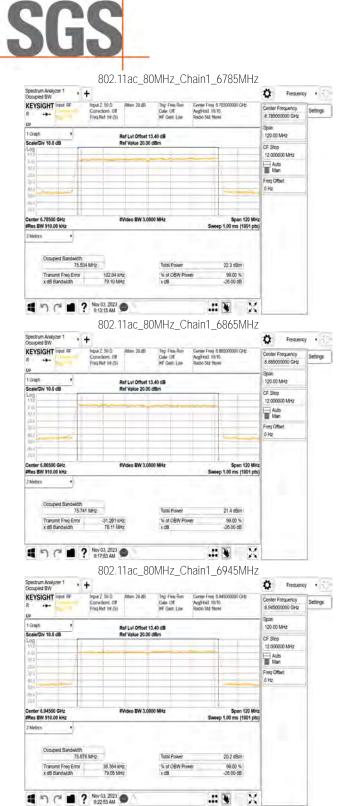
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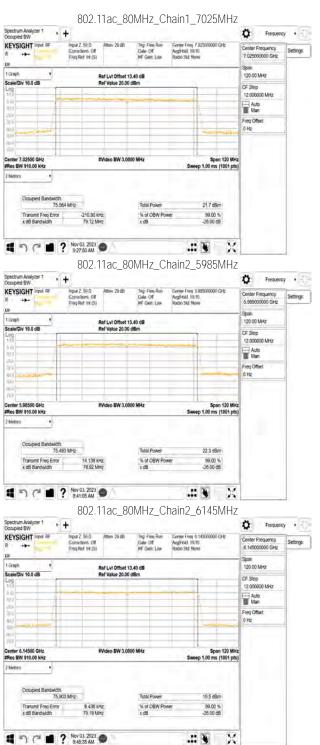
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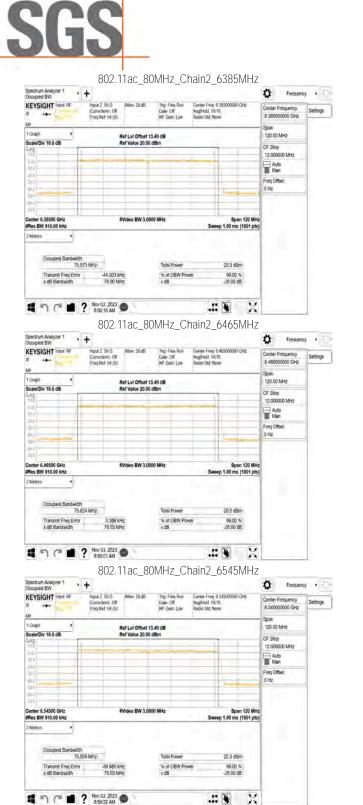
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CEYSIGHT input RF	+			C Frequen	ey i
	Input Z 50 0. Attain 20 Controllors: Off Freq Ref. Int (5)	0.48 Thg Files Run Galle Off IMF Gain: Low	Center Film 6.825000000 CHz AvgHobi 10:10 Radio Stat None	Center Frequency 6 525000000 GHz	Setting
graph y		fiset 13.40 dB		Span 120.00 MHz	
cale/Div 10.0 dB		20.00 dBm		CF Step	-
-09 110				12.000000 MHz	
0.0		1		Auto Man	
50 90				Freq Offset	1
Dis				0 Hz	1
0.0					
enter 6.62500 GHz	#Video Bi	W 3.0000 MHz	Span 120 MHz		
Kes BW 910.00 kHz Metrics			Sweep 1.00 ms (1001 pts)		
Occupied Bandwidth 75.7 Transmit Freq Error x dB Bandwidth	-25.386 kHz 79.16 MHz	Total Power % of DBW Power % dB	20.9 dBm # 99.00 % -26.00 dB		
4 n C 4	Nov 03. 2023		.# 🕱 🗙		
		_80MHz_Ch	ain2_6705MHz		-1.
bectrum Analyzer 1 coupled BW	and a second second second			Frequent	ey i
EYSIGHT input RF	Input Z 50 0. Attiny 20 Conscions: Off Frog Ret: Int (5)	Calle Off Galle Off MF Gain: Low	Cerner Frey & 72500000 CHz AvgHold 10/10 Radio Ski Nove	Center Frequency 6.705000000 GHz	Setting
Graph y	34.13			Span	1
cale/Div 10.0 dB		fiset 13,40 dB 20.00 dBm		120.00 MHz	
09				CF Step 12.000000 MHz	
100		-		Auto Man	
10.0				Freq Offset	
10.0		-	1	0 Hz	
ip o					
141					
	#Video Bi	W 3.0000 MHz	Span 120 MHz	81	
enter 6.70500 GHz Res BW 910.00 kHz	#Video Bi	W 3.0000 MHz	Span 120 MHz Sweep 1.00 ms (1001 pts)		
Center 6.70500 GHz Res BW 910.00 kHz	#Video Bi	W 3.0000 MHz	Span 120 MHz Sweep 1.00 ms (1001 pts)		
Center 6.70500 GHz Res BW 910.00 kHz Metrics +	#Video Bi	W 3.0000 MHz	Span 120 MHz Sweep 1,00 ms (1001 pts)		
Conter 6.70500 GHz Res BW 910.00 KHz Metros • Occupied Bandwidth 75.60	54 MHz	Tatal Power	Sweep 1.00 ms (1001 pts) 20 0 dBmi		
Res BW 910.00 KHz Netros •			Sweep 1.00 ms (1001 pts) 20 0 dBmi		
enter 6.70500 GHz Res BW 910.00 kHz Metros • Occupied Blandwidth 75.68 Transmit Freq Error	94 MHz 50.646 kHz	Total Power	Sweep 1.00 ms (1001 pta) 20.0 dBm 90.00 %		
Conter 6.70500 GHz Res BW 910.00 kHz Metrics • Occupied Blandwidth 75.68 Transmit Free Error	94 MHz 58,846 kHz 79,06 MHz	Total Power	Sweep 1.00 ms (1001 pts) 20 0 dBm 9 39.00 % -25.00 dB		
enter 6.70500 GHz Res BW 910.00 kHz Metros • Occupied Blandwidth 75.68 Transmit Freq Error	64 MHz 58,846 KHz 79,66 MHz ? Nov 03, 2023	Tatal Power 1% of OBW Power 1x 08	Sweep 1.00 ms (1001 pts) 200 dBm w 9900 % -26.00 dB		
Anter 6.70500 GH2 Res BW 91.00 Mt2 Metrice Cocupied Bandwidth 75.61 Transmit Freq Error x dB Bandwidth	50 846 640 79.00 8490 20002 244 802.112c	Tatal Power 1% of OBW Power 1x 08	Sweep 1.00 ms (1001 pts) 20 0 dBm 9 39.00 % -25.00 dB		
enter 6 17650 GHz Ne BW H10.00 Hz Meles: Cocaped Sensettin Transmit Free Error x dd Banowich Transmit Free Error x dd Banowich	50.846 640 50.846 640 79.06 Met 2 Nov 03.2023 2 Nov 03.2023 8022.111ac	Tabl Power W of DBW Power K dB _80MHz_Ch	200 dBm 9900 % 200 dBm 9000 % 200 dBm 900 % 200 dBm 200		ey •
enter 6 20500 GH2 Nes BW 1910.00 HH2 Messes Coopeed Bandwith 75.60 Transmer Revail Transmer Revail Revail Coopeed Bundwith 75.60 Transmer Revail Coopeed Bundwith Revail Coopeed Bundwith Revail Coope	50 846 640 79.00 8490 20002 244 802.112c	Tabl Power N of OBW Power K etB	Sweep 1.00 ms (1001 pts) 200 dBm w 9900 % -26.00 dB	Center Frequency 6.78500000 GHz	-
enter 6 17650 GH2 Ne BW H10.00 H2 Melles: Cocapee Bunceston 75 60 Tranum Fing Error x de Bannelon (Cocapee Bunceston x de Bannelon (Cocapee Bunceston (Cocapee Bunceston (Cocape	58 MAY2 58 545 DYC 75 75 50 MW 800 02, 2023 802, 11 ac, + + 90 47, 50 0 Conviders of Frog Ref In (5)	Table Power 14 of OBW Power 14 of B 80MHz_Ch 248 Of Low Of 149 Oen Low	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Frequency     Span	-
enter 6 17650 045 Ne SW 1910.00 Miz Couped Senderson 75.61 Traumer Freq Error x d0 Sanowith REVSIGHT Invo RF REVSIGHT Invo RF Sano Sano Sanowith S	96 Merz         95 846 Intra 79 506 Merz           196 200 Merz         79 506 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         800 2.11 0.00 Merz           196 200 Merz         700 Merz           196 200 Merz         800 Merz </td <td>Tats Power % of OBM Power x dB </td> <td>Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB    </td> <td>Center Frequency 6.78500000 GHz</td> <td>-</td>	Tats Power % of OBM Power x dB 	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Center Frequency 6.78500000 GHz	-
enter 6 17650 GH2 No BW H10.00 H2 Neters Coaped Surveyson 75.65 Tranum Fing Error x dd Bannelistin Coaped Surveyson X dd Bannelistin (Coaped Surveyson 75.65 Tranum Fing Error x dd Bannelistin (Coaped Surveyson 76.65 (Coaped Surveyson 76	96 Merz         95 846 Intra 79 506 Merz           196 200 Merz         79 506 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         800 2.11 0.00 Merz           196 200 Merz         700 Merz           196 200 Merz         800 Merz </td <td>Tats Power % of OBM Power x dB </td> <td>Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB    </td> <td>Presuper Center Frequency a rasoccologica Span 120.00 MHz CF Step 120.0000 MHz</td> <td>-</td>	Tats Power % of OBM Power x dB 	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Presuper Center Frequency a rasoccologica Span 120.00 MHz CF Step 120.0000 MHz	-
enter 6 17650 GH2 No BW H10.00 Hiz Neters Coaped Simology Tranum Fing Error x dd Bannak3m Coaped Simology Tranum Fing Error x dd Bannak3m Coaped Simology Coaped Simology	96 Merz         95 846 Intra 79 506 Merz           196 200 Merz         79 506 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         800 2.11 0.00 Merz           196 200 Merz         700 Merz           196 200 Merz         800 Merz </td <td>Tats Power % of OBM Power x dB </td> <td>Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB    </td> <td>Center Frequency 6 78500000 GHz Span 120 00 MHz CF Step</td> <td>-</td>	Tats Power % of OBM Power x dB 	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Center Frequency 6 78500000 GHz Span 120 00 MHz CF Step	-
enter 6 17650 GH2 No BW H10.00 H2 Notice: Cocaped Simology Cocaped Simology Transmit Free Error x dd Bannakith Peter Simology Peter Simolo	96 Merz         95 846 Intra 79 506 Merz           196 200 Merz         79 506 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         800 2.11 0.00 Merz           196 200 Merz         700 Merz           196 200 Merz         800 Merz </td <td>Tats Power % of OBM Power x dB </td> <td>Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB    </td> <td>Frequency     Arabox Mire     Frequency     Arabox Mire     Filter     Arabo     Arabo     Arabo     Arabo     Arabo     Arabo     Freq Offset</td> <td>-</td>	Tats Power % of OBM Power x dB 	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Frequency     Arabox Mire     Frequency     Arabox Mire     Filter     Arabo     Arabo     Arabo     Arabo     Arabo     Arabo     Freq Offset	-
enter 6 17650 GH2 No BW HULDO HIZ No BW HULDO HIZ Very Bundethin Tanunt Free Error x of Banowith Capitol III (California) Capitol III (California) California California) California Californ	96 Merz         95 846 Intra 79 506 Merz           196 200 Merz         79 506 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         800 2.11 0.00 Merz           196 200 Merz         700 Merz           196 200 Merz         800 Merz </td <td>Tats Power % of OBM Power x dB </td> <td>Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB    </td> <td>Center Frequency 6.78500000 GHz Span 12.000 MHz CF Step 12.0000 MHz Man</td> <td>-</td>	Tats Power % of OBM Power x dB 	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Center Frequency 6.78500000 GHz Span 12.000 MHz CF Step 12.0000 MHz Man	-
enter 6 17650 GH2 No BW HULDO HIZ No BW HULDO HIZ No BW HULDO HIZ Cooped Sandwich Transmit Free Enter I cooped Sandwich Transmit Free Enter I cooped Sandwich (Cooped Sandwich Transmit Free Enter I cooped Sandwich (Cooped Sandwich I cooped Sandwich (Cooped Sa	96 Merz         95 846 Intra 79 506 Merz           196 200 Merz         79 506 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         90 000 Merz           196 200 Merz         100 Merz </td <td>Tats Power % of OBM Power x dB </td> <td>Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB    </td> <td>Frequency     A 78500000 GHz     Span     120 00 MHz     GF Step     Add     Add     Add     Freq Offset</td> <td>-</td>	Tats Power % of OBM Power x dB 	Saweep 1.00 ms (1001 pts)     200 eBm     90.0 %     -2600 eB	Frequency     A 78500000 GHz     Span     120 00 MHz     GF Step     Add     Add     Add     Freq Offset	-
Arther & 7/5500 GHz     Kes BW H10.00 Hz     Kes BW H10.00 Hz     Kes BW H10.00 Hz     Kes BW H10.00 Hz     Cocaped Senderst     Tranum Free Emergence     Tranum Free Emergence     Kes Blancestan     Cocaped Senderst      Kes Blancestan     Cocaped Senderst      Kes Blancestan     To cocaped Senderst      Kes Blancestan     Kes	99 44 442 99 246 145 79 26 1492 2 Nov 03, 2023 2 Nov 04 2 Nov 0	Tats Power % of OBM Power x dB 	200 dBm 200	Enter Frequency 5 Tresuency 5	-
Cocuped Bandwith Cocuped Bandwith Cocuped Bandwith Tanamit Free Error x dB Bandwith Tanamit Free Error x dB Bandwith CEVEIGHT Input RF Selentith 16.0 dB Cocuped BW CEVEIGHT Input RF Selentith 16.0 dB Cocuped BW CEVEIGHT Input RF Selentith 16.0 dB Cocuped BW Selentith 16.0 dB Selentith 16.0 dB	99 44 442 99 246 145 79 26 1492 2 Nov 03, 2023 2 Nov 04 2 Nov 0	Task Power (% or OBW Power 1 edd 800MHz_CCh 0dd Ing Free Run Calle Of East Of Rose Run Calle Of Rose Tasking Gill 2000 dBm	300 dBm	Enter Frequency 5 Tresuency 5	-
Andre A 70500 OH2 Res BW 1910.00 H/2 Merece Cocuped Sandwich 75.61 Transmit Free Enry x oB Banowich (CEVSIGHT Income HF CEVSIGHT INCOME HE CEVSIGHT INCOME HE	99 44 442 99 246 145 79 26 1492 2 Nov 03, 2023 2 Nov 04 2 Nov 0	Task Power (% or OBW Power 1 edd 800MHz_CCh 0dd Ing Free Run Calle Of East Of Rose Run Calle Of Rose Tasking Gill 2000 dBm	200 dBm 200	Enter Frequency 5 Tresuency 5	-
	84 Marz         95 346 lore; 79 506 lore;           78 506 lore;         78 506 lore;           800:22 AM         802.11 ac;           +         400:23 and           -         800:21 lore;           -         800:20 lore;           - <t< td=""><td>Tats Power w of OW Power x dB </td><td>200 0 68m 200 0 68m 300 0 68 200 0 68 200</td><td>Enter Frequency 5 Tresuency 5 Tresuency 5</td><td>sy .</td></t<>	Tats Power w of OW Power x dB 	200 0 68m 200 0 68m 300 0 68 200	Enter Frequency 5 Tresuency 5	sy .
Anther 6,70500 GHz Res BW 1910,00 Hz Messa Cocuped Sanchers Transmit Free Env x dB Banchers 2000 Cell Cocuped Sanchers 2000 Cell Cocuped Sanchers 2000	M Marz         95.846 brc; 79.506 Marz           98.045 brc; 79.506 Marz         79.506 Marz           802.11 ac; 100 ac         0           +         marz           -         802.11 ac; 100 Ref Int (5)           -         Ammy 20 Ref Los 0 Ref Value           -         Ref Los 0 Ref Value           -         Ref Los 0 Ref Value           -         Ref Los 0 Ref Value	Tabl Power W of OBM Power X dB X dB	Saweep 1.00 ms (1001 pts)     200 dBm     20 dBm	Enter Frequency 5 Tresuency 5	-
Anther 6,70500 GHz Res BW 1910,00 Hz Coopeel Binetwork Coopeel Binetwork Coopeel Binetwork Res BW 1910,00 Hz Coopeel Binetwork Res BW 1910,00 Hz Res BW 1910,00 Hz Res BW 1910,00 Hz Coopeel Binetwork Res BW 1910,00 Hz Res BW 1910,	95 MAY2 95 345 INC: 79:06 MAY2 2 Nov 03, 2023 2 Nov 03, 2023 8002.111ac Hoga Z 59:0 Ref Value Ref Value Ref Value EWders B	Tasis Power (% or OBW Power 1 offi BOMHZ_CCh Data of an Low Tasis Total Controls 0 officer 13.40 officer 20.00 officer W 3.0000 MHz Tasis Power	3000 etsim 2000 e	Enter Frequency 5 Tresuency 5	-

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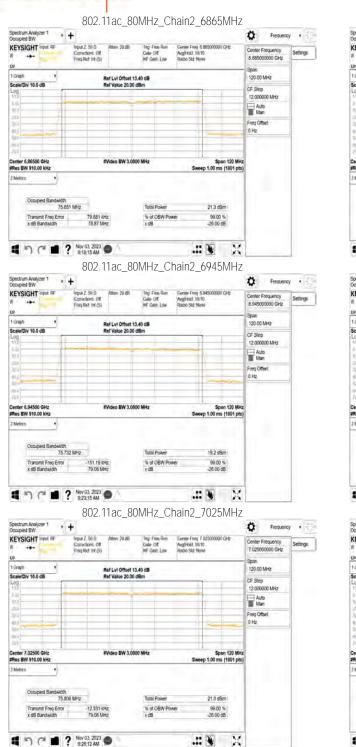
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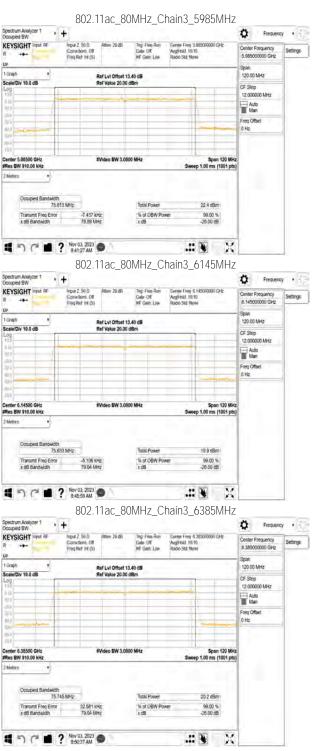
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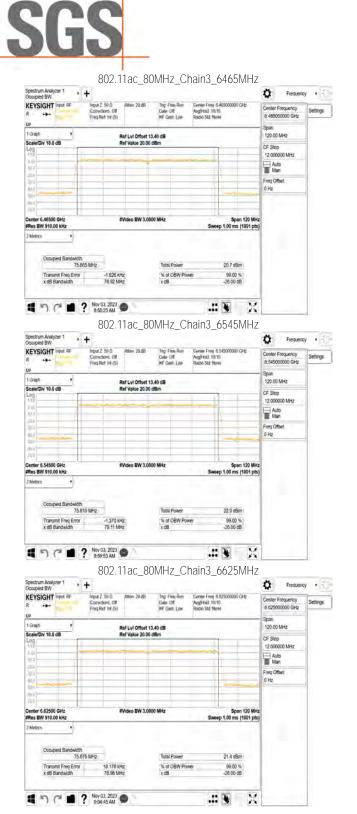
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Spectrum Analyzer 1	802.11ac_			2. 001011Z	Ö Frequen	y i
CEYSIGHT Input RF	Input Z. 50 Q. Atten 20 Controllors: Off	dB Trig Free Run Gale Of	n Germer Finge & WegtHold 10/1	725000000 CHI2	Center Frequency	Settings
t +++ ₽	Frog Ref. Int (5)	INF CHIN: LOW	Rudio Stat Not	6	6.70500000 GHz	-
Graph		tset 13.40 dB			Span 120.00 MHz	
cale/Div 10.0 dB	Ref Value	20.00 dBm	-	1	CF Step 12.000000 MHz	
1(h) 50		1			F- Auto	1
50 /					Freq Offset	
10.0					0 Hz	
Dol .		_				
enter 6.70500 GHz	#Video BV	V 3.0000 MHz		Span 120 MHz		
Res BW 910.00 kHz			Swoe	p 1.00 ms (1001 pts)		
Metrics				1.11		
Occupied Bandwidth						
75.796 Transmit Freq Error	16.251 kHz	Total Power		19.6 dBm		
x dB Bandwidth	79.13 MHz	x dB	- Contra	-26.00 dB		
	No. of Address of		-1-25	-		
	Nov 03, 2023 9:09:24 AM			X X		
	802.11ac_	80MHz (	Chain3_0	6785MHz		
pectrum Analyzer 1 + -			-		C Frequen	y . :
EYSIGHT input AF	Input Z. 50.0 Atten 20		n - Gernier Freig 6	785000000 CHtz	Center Frequency	Settings
+ <b>+</b> +	Convictions: Off Freq Ref. Int (5)	Gale Of INF Gain: Low	AvgHold 10/1 Radio Stat Not	0. H	6.785000000 GHz	Jourde
Graph Y	BelluiO	fset 13.40 dB	_		Span 120.00 MHz	
cale/Div 10.0 dB		20.00 dBm		_	CF Step	-
10					12.000000 MHz	
157				1	Auto Man	
40.0		_		-	Freq Offset 0 Hz	
(Da)				June -	10.00	1
10				1 1 1 1		
Center 6.78500 GHz Res BW 910.00 kHz	#Video BV	V 3.0000 MHz	Swoe	Span 120 MHz p 1.00 ms (1001 pts)		
Metrics •						
Occupied Bandwidth						
75.679		Total Power		21.8 dBm		
Transmit Freq Error x dB Bandwidth	40.406 kHz 78.92 MHz	W of OBW I	Power	99.00 % -26.00 dB		
1 n c 1 ?	Nov 03, 2023		.::	X X		
	802.11ac	80MHz (	hain?			-1
pectrum Analyzer 1				J0031011 12	Ö Frequen	
CEYSIGHT input RF	Input Z. 50 0 Attimy 20	dB Thig Free Au	n Gerner Freg G	865000000 CHtz	Center Frequency	-
	Convolues: Off Freq Ref. Int (5)	Gale Off INF Quin: Low	AvgHold 10/1	0.	6.86500000 GHz	Settings
graph y	Taria in	Cold from	_		Span	1
cale/Div 10.0 dB	Ref Lvi Of Ref Value	fset 13,40 dB 20.00 dBm			120 00 MHz CF Step	4
09					12.000000 MHz	
150			1 1		Auto Man	
				7	Freq Offset	
Dil					0 Hz	5
	#Video BV	V 3.0000 MHz		Span 120 MHz p 1.00 ms (1001 pts)		
run enter 6.86500 GHz			2404	e sou me (sous pts)		
ron Center 6.86500 GHz Res BW 910.00 kHz						
Anno Anno Anno Anno Anno Anno Anno Anno				1.11		
Center 6.86500 GHz Res BW 910.00 kHz Metrics •	MHz	Total Potent		21.2 (8=)		
enter 6.86500 GHz Res BW 910.00 KHz Metros Occupied Bandwidth 75 715 Transmit Freq Error	-9.269 KHz	Tatal Power % of OBW I		21.2 dBm 99.00 %		
enter 6.86500 GHz Res BW 910.00 kHz Metrics • Occupied Bandwidth 75.715						

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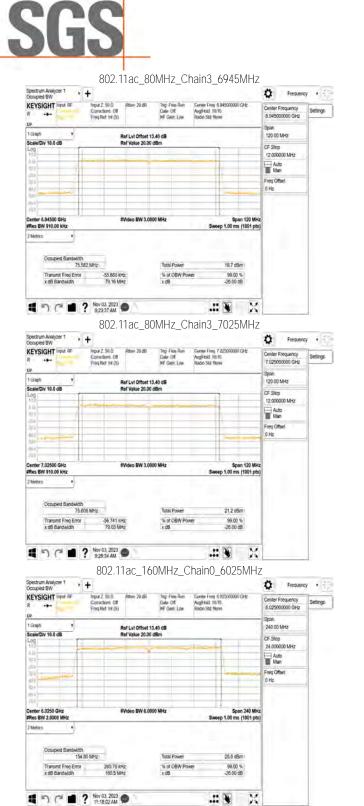
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Spectrum Analyzer 1 Occupied BW		100	_		6185MHz	Ö Frequen	cy .
KEYSIGHT input RF	Input Z 50 0 Controllors: Off Frog Ref. Int (5)	Athenv 20 dB	Thig Free Run Gale Off INF Quin Low	Center Famp 6 AvgHold 10/1 Radio Std Non	185000000 GHz 1	Center Frequency 6.18500000 GHz	Settings
n Graph y		I Lvi Offset 13.		-		Span 240.00 MHz	
Scale/Div 10.0 dB	R	f Value 20.00 d	Bm			CF Step 24.000000 MHz	
100						Auto Man	1
jun bu	_				2	Freq Offset	
0.0 De						0 Hz	1
(p.) [4]							
enter 6.1850 GHz Res BW 2.0000 MHz	*	ideo BW 6.000	0 MHz	Swee	Span 240 MHz p 1.00 ms (1001 pts)		
Mettics							
Occupied Bandwidth			-				
Transmit Freq Error	260.99 KHz		Total Power % of OBW Po	ver	22.9 dBm 99.00 %		
x dB Bandwidth	160.6 MH		x d8		-26.00 dB		
	Nov 03, 2023	<u>۸</u>			W M		
	11.12.40746	ac 14	<u> ЛИЦ- (</u>		2 / 10 6345MHz	,	1
pectrum Analyzer 1	+	ac_100		nano_	0343101112	Ö Frequest	
CEYSIGHT Input RF	Input Z 50 0	Athenv 20 dB	Thig Free Run	Germer Freig 6 WegtHold 10/10	345000000 GHz	Center Frequency	Settings
t +∎+ 9	Convictions: Off Freq Ref. Int (5)		Gale Off INF Gain: Low	Rado Sid Non		6.345000000 GHz	Serings
Graph		I Lvi Offset 13.				Span 240.00 MHz	
Scale/Div 10.0 dB	R	f Value 20.00 d	18m)	-		CF Step 24.000000 MHz	
6 (6) 15 0				1		Auto Man	1
30.0						Freq Offset	
40.0						0 Hz	1
10 Å							
Center 6.3450 GHz Res BW 2.0000 MHz		ideo BW 6.000	0 MHz	Swee	Span 240 MHz p 1.00 ms (1001 pts)		
2 Metros •							
Occupied Bandwidth	S MHz		Total Power		24.0 dBm		
Transmit Freq Error	37.577 640		% of OBW Po	ver	99.00 %		
x dB Bandwidth	160.7 MH		3.08		-26.00 dB		
1001	Nov 03, 2023				X X		
		ac 160	MH7 (		6505MHz	,	4
spectrum Analyzer 1	+	ac_ro		nuno_	0000101112	Ö Frequest	
CEYSIGHT Input RF	Input Z 50.0 Conscions: Off	Athenv 20 dB	Trig Free Run Gale Of	Germer Freq 6 Wegt-takt 10/10	505000000 CHI2	Center Frequency	Settings
₹ + <b>+</b> + 09	Freq Ret Int (5)		INF Crem: Low	Rido Sid Non	· · · · ·	6.50500000 GHz	
Graph		I Lvi Offset 13				240.00 MHz	
Scale/Div 10.0 dB	R	f Value 20.00 d	iom			CF Step 24.000000 MHz	1
6 (6) 10 0			1			Auto Man	1
30 Å					1	Freq Offset	
40.0 Ibre Ap.à						0 Hz	-
Center 6.5050 GHz Res BW 2.0000 MHz	5	ideo BW 6.000	UMHZ	Swee	Span 240 MHz p 1.00 ms (1001 pts)		
2 Metrics							
Occupied Bandwidth			-				
Transmit Freq Error	66.034 KHz		Total Power % of OBW Po	ver	25.0 dBm 99.00 %		
	160.6 MHz		3.08		~26.00 dB		
x dB Bandwidth							
	Nov 03, 2023			.::	NO V		

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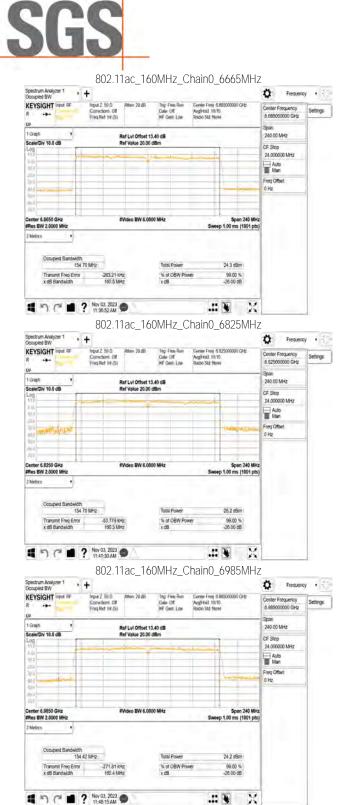
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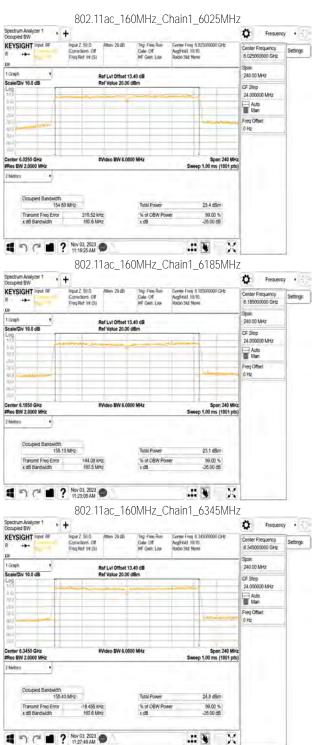
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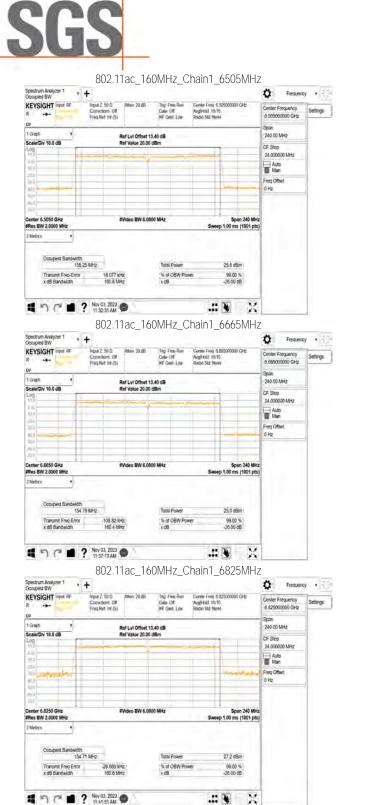
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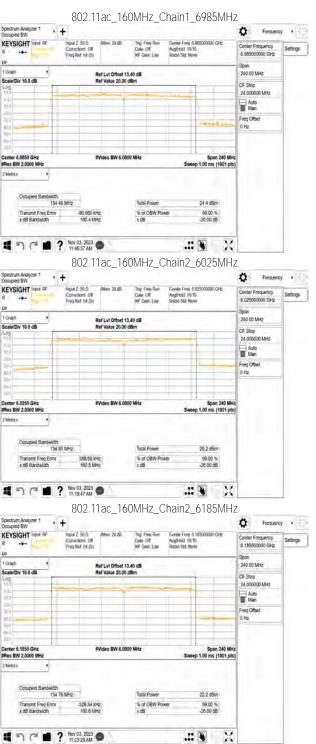
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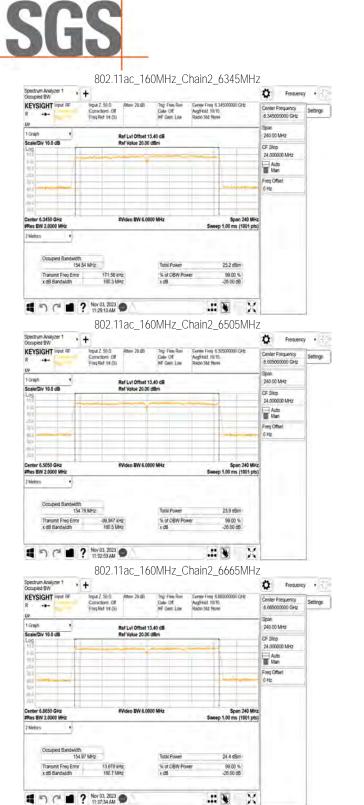
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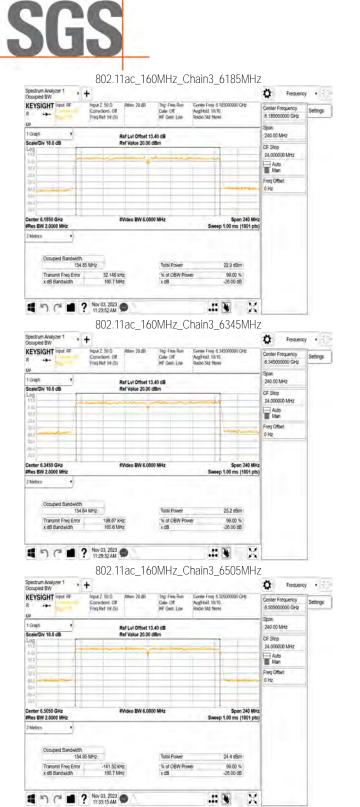
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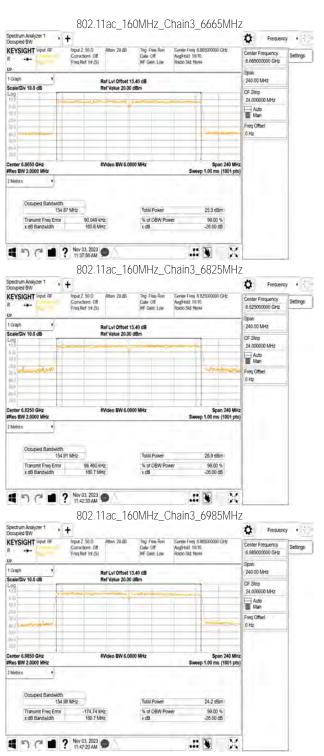
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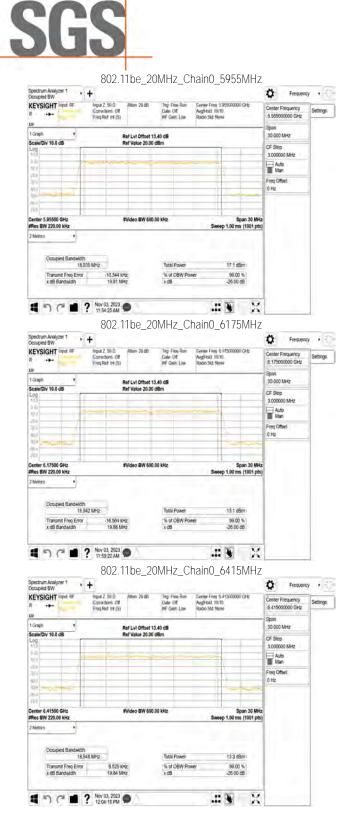
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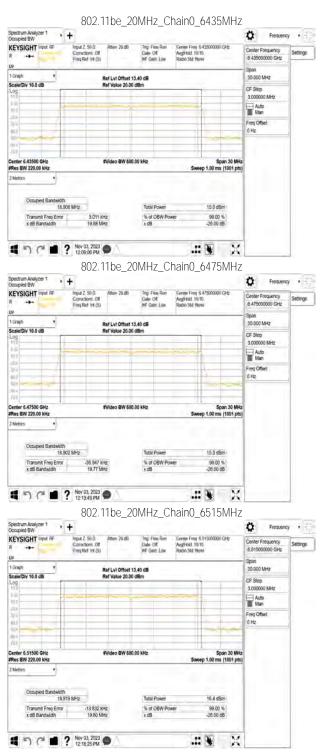
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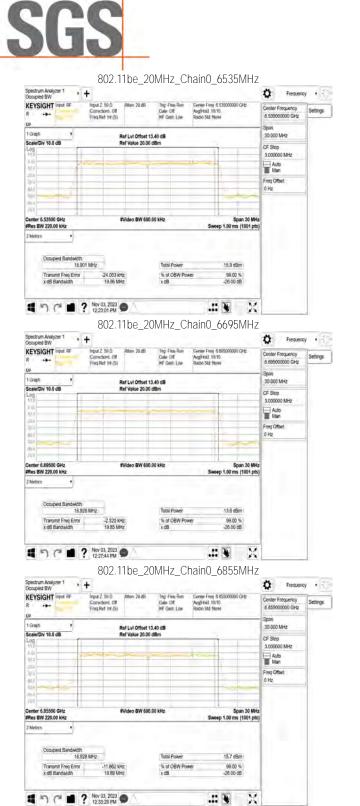
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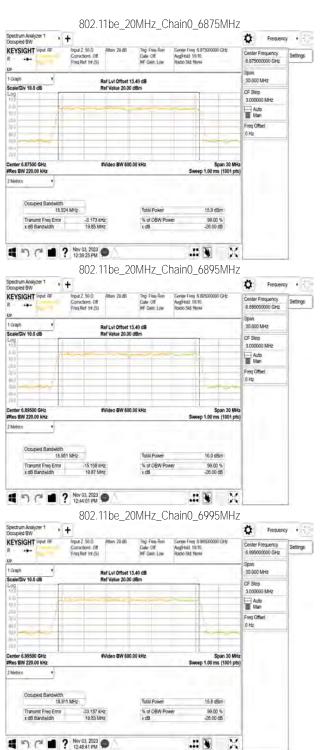
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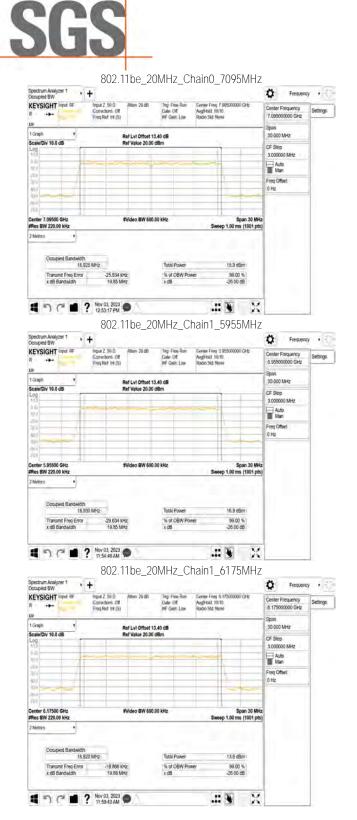
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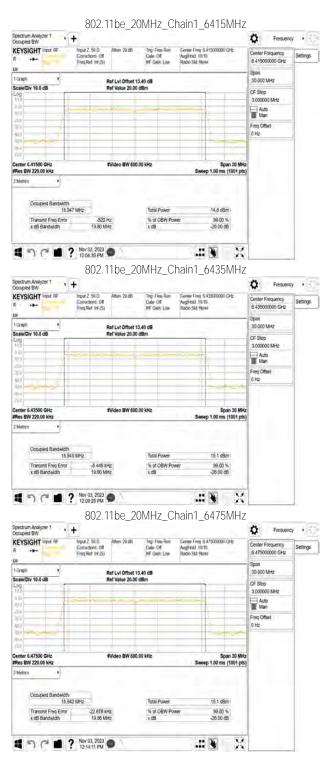
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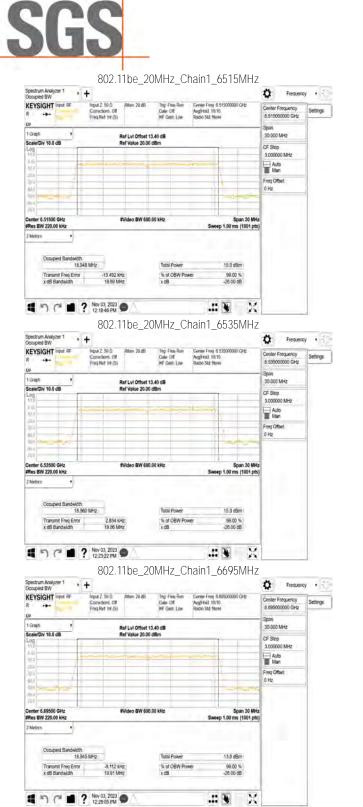
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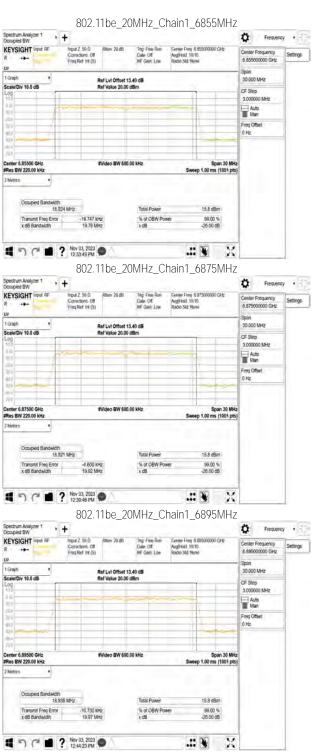
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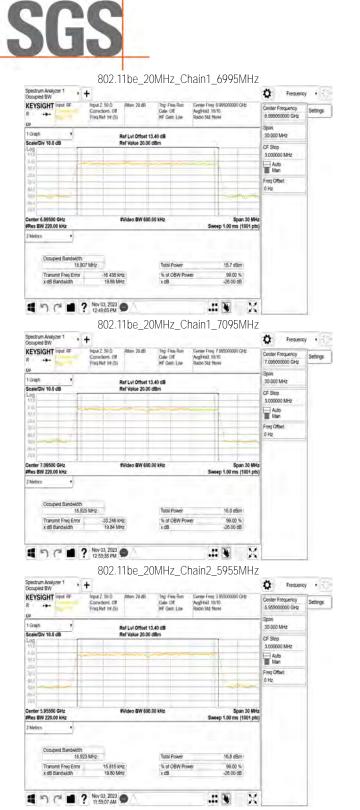
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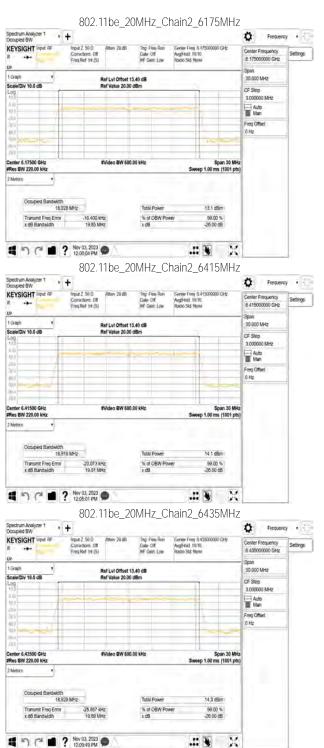
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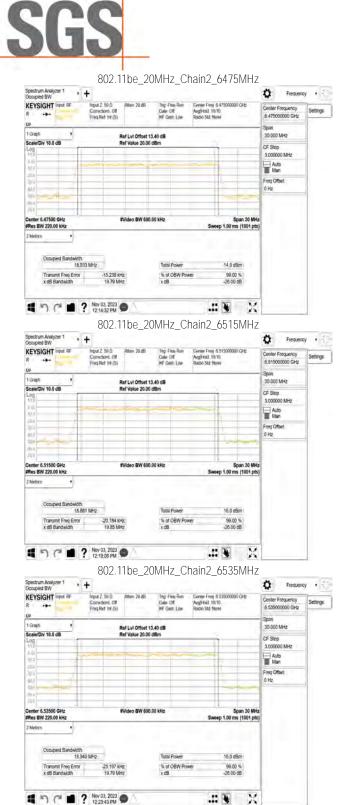
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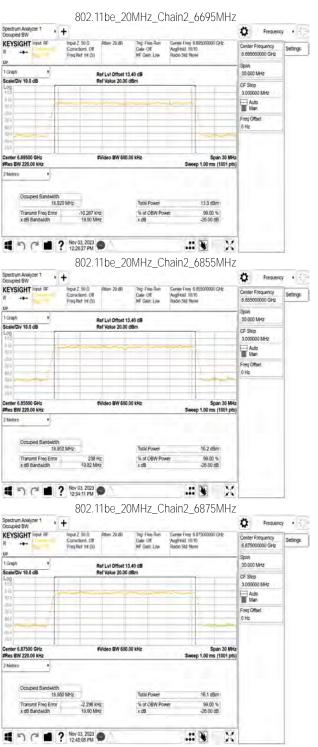
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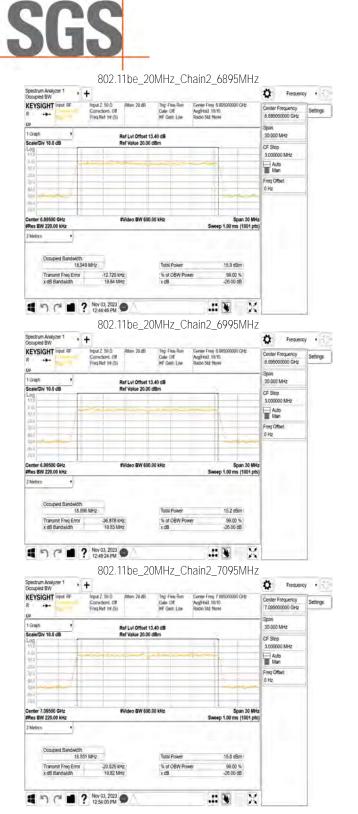
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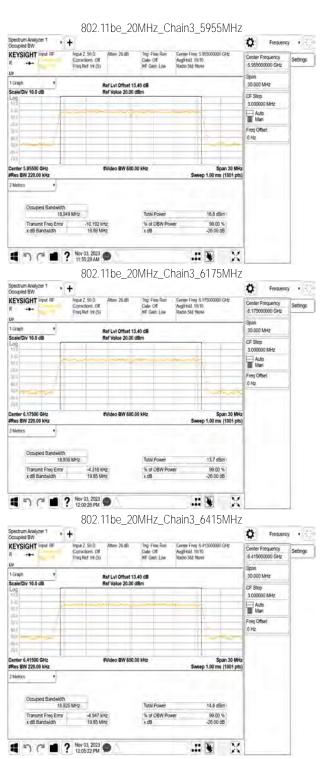
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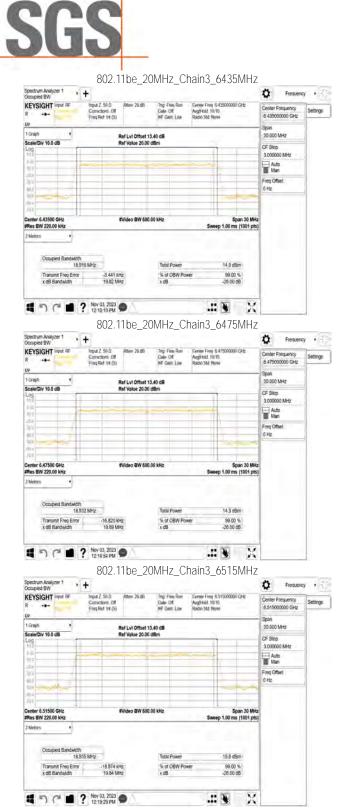
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KEYSIGHT input RF	+			C Freques	ey i i
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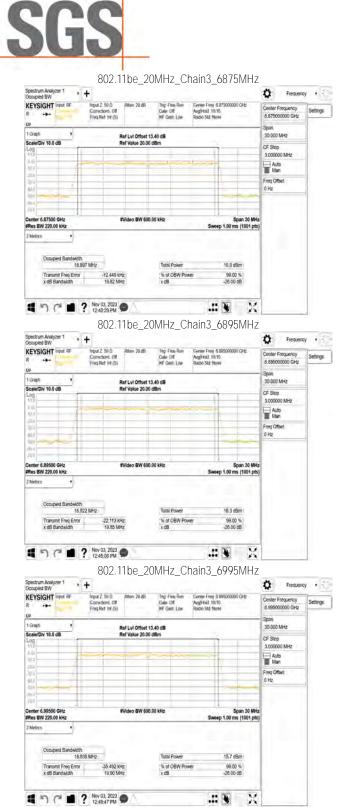
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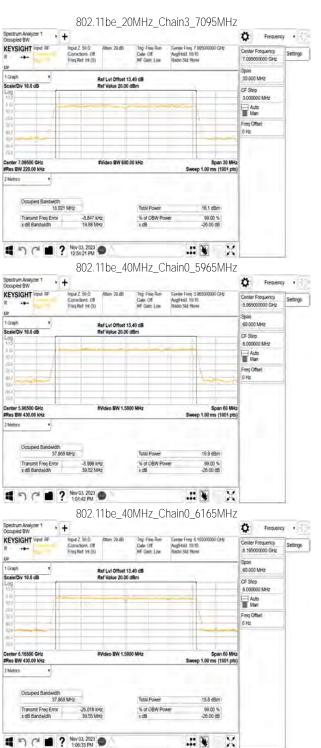
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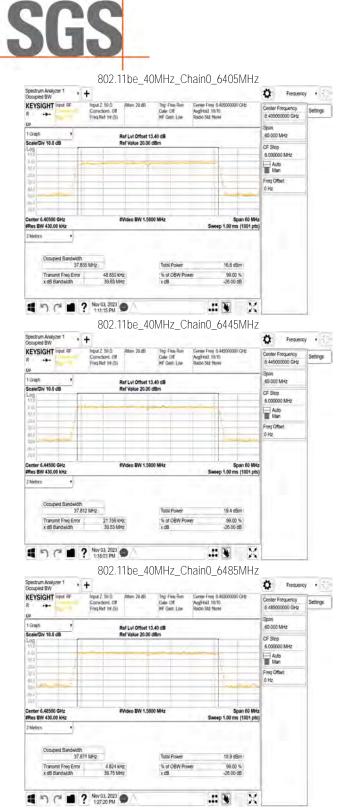
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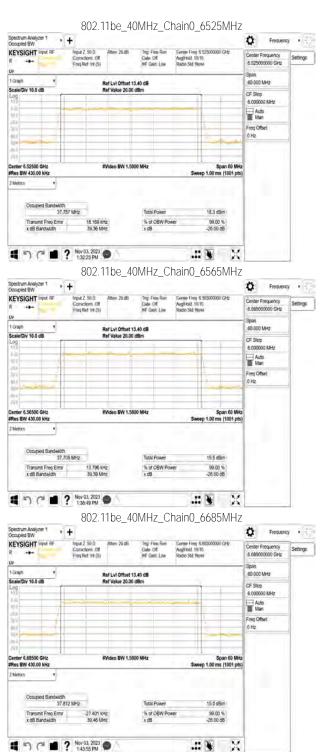
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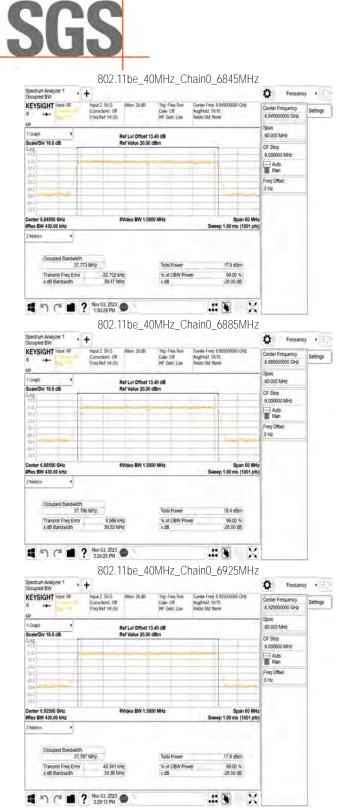
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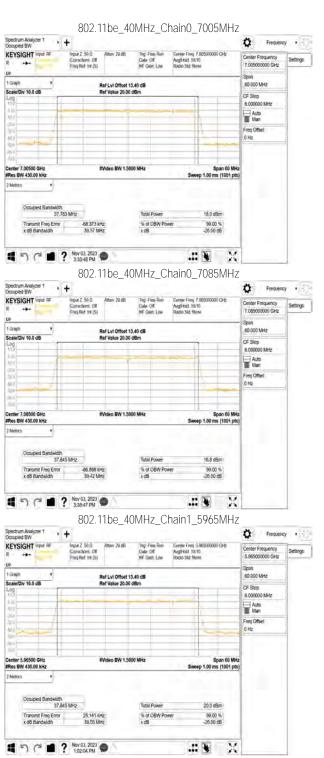
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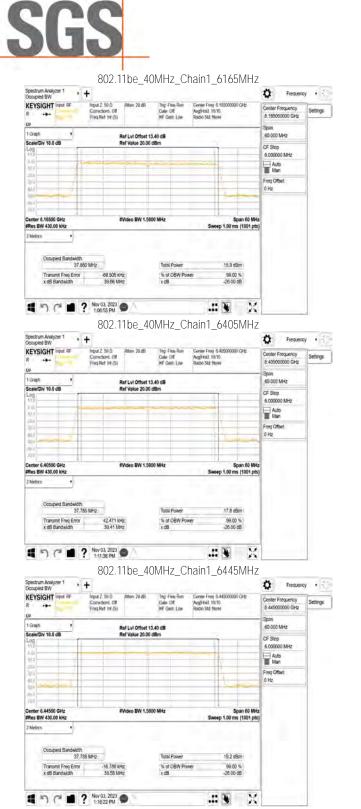
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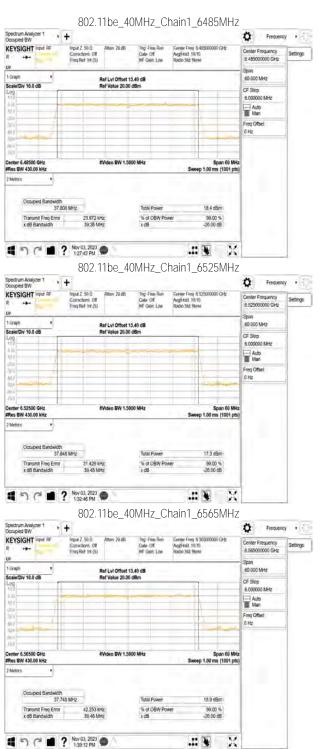
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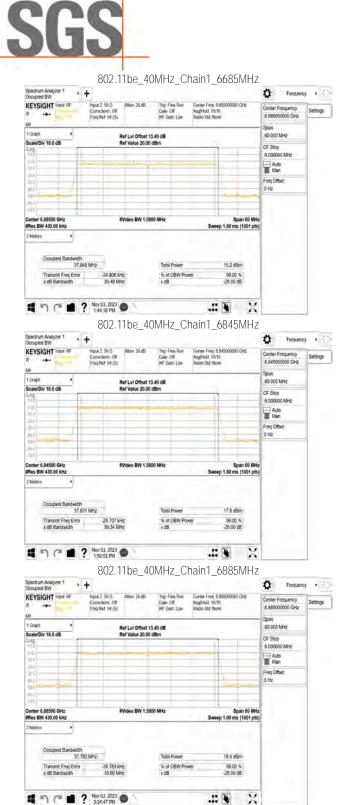
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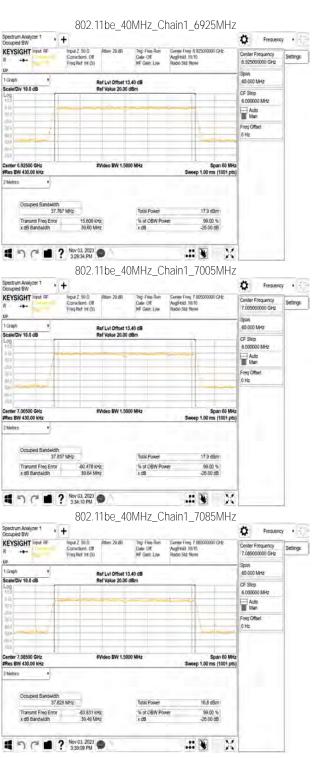
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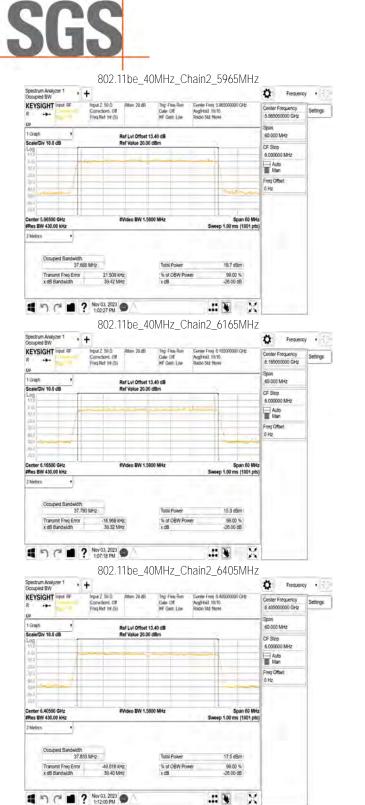
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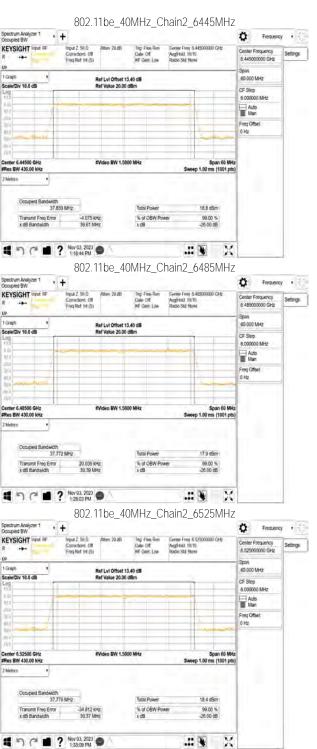
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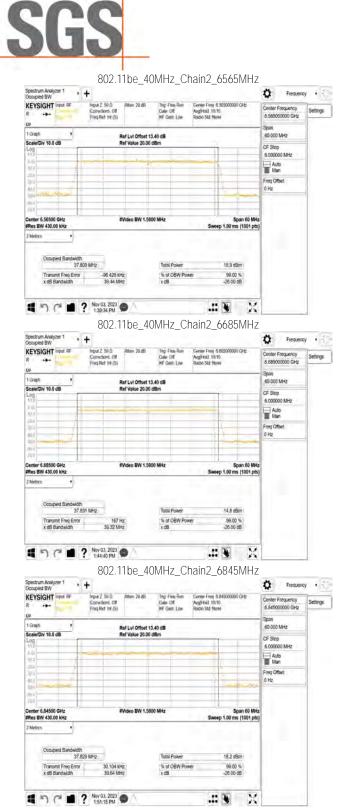
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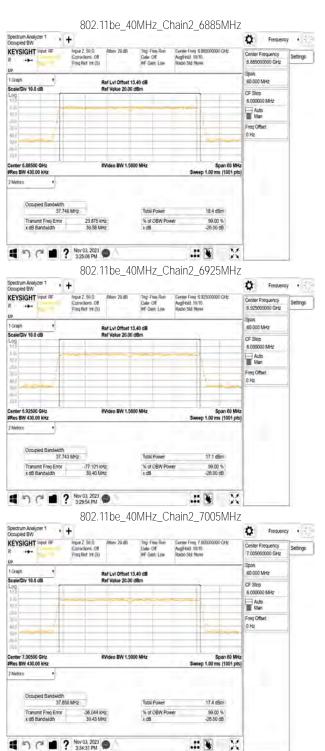
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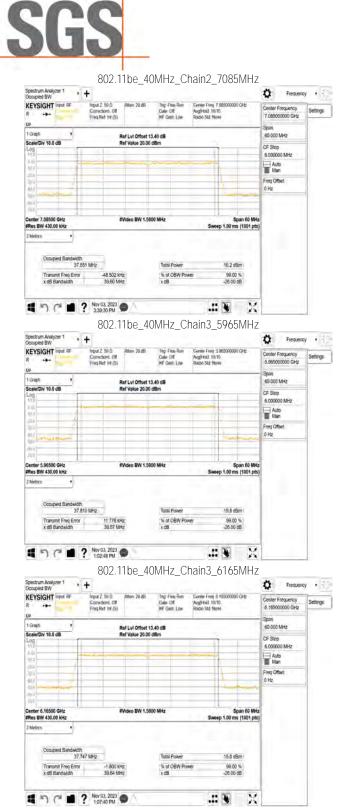
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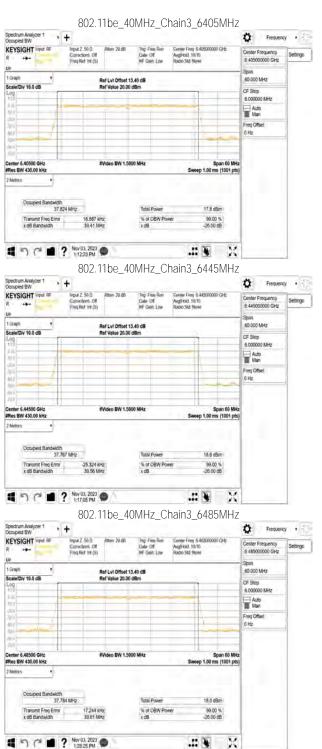
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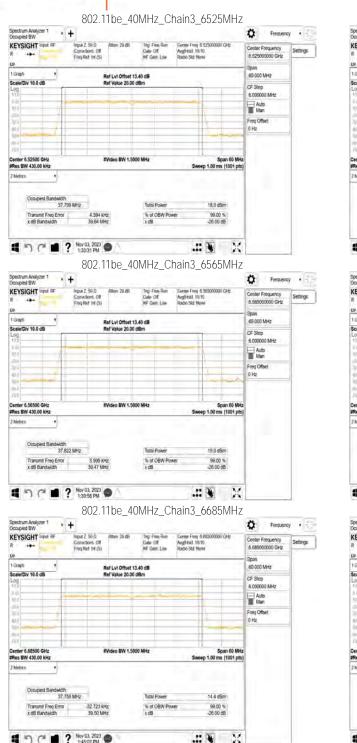
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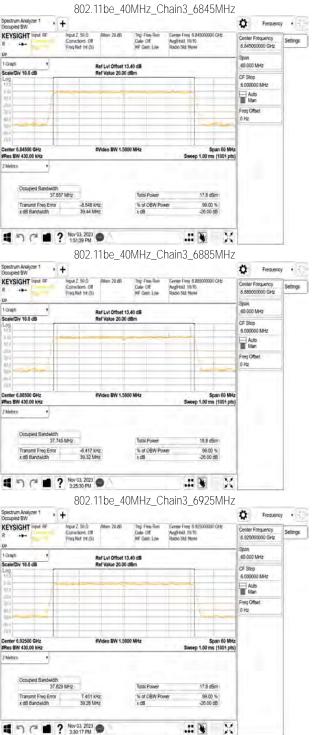
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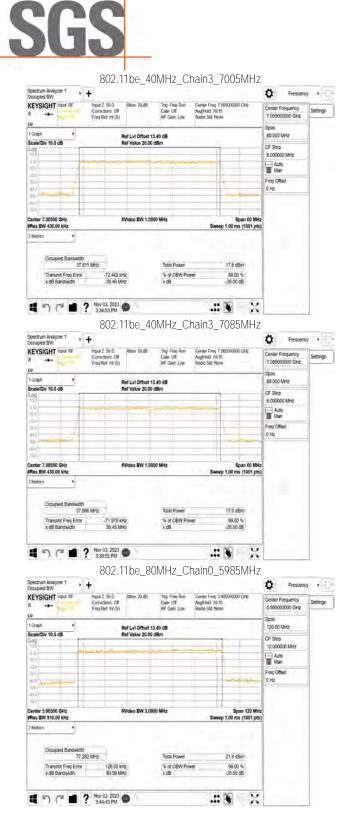
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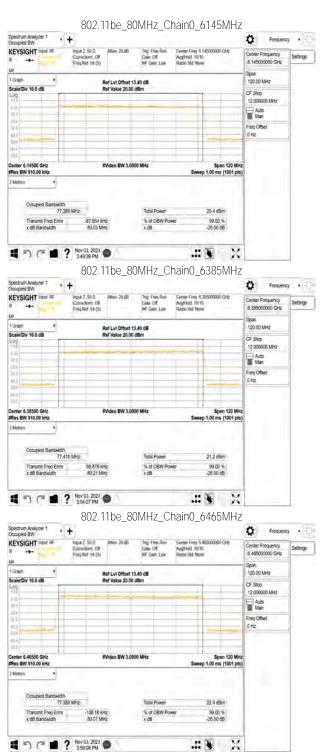
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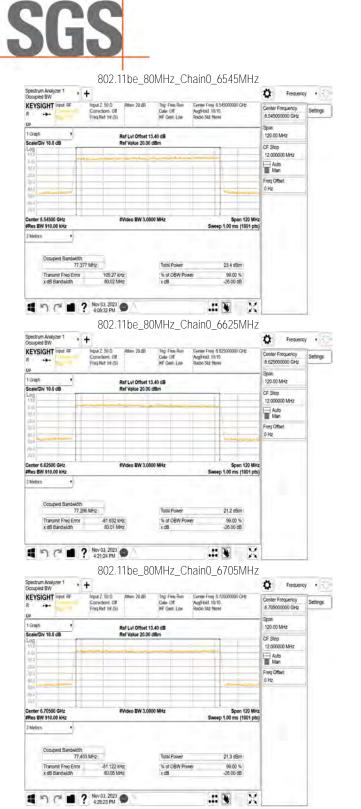
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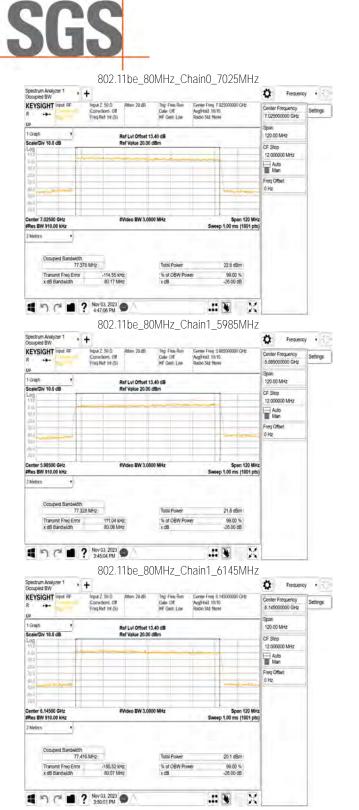
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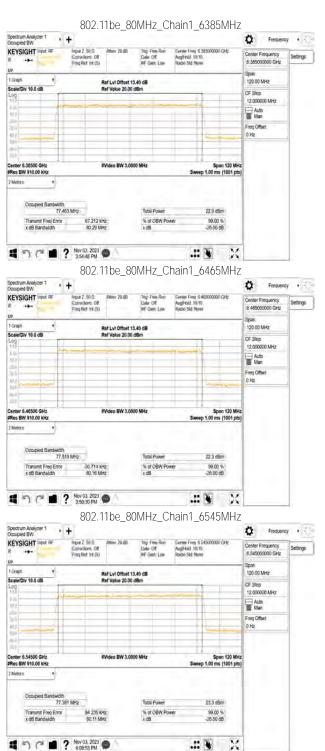
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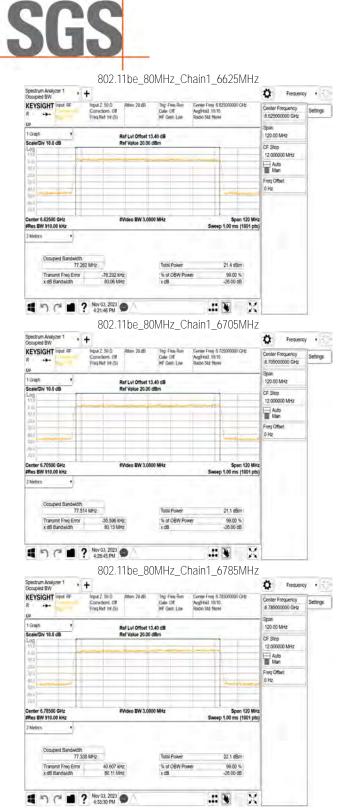
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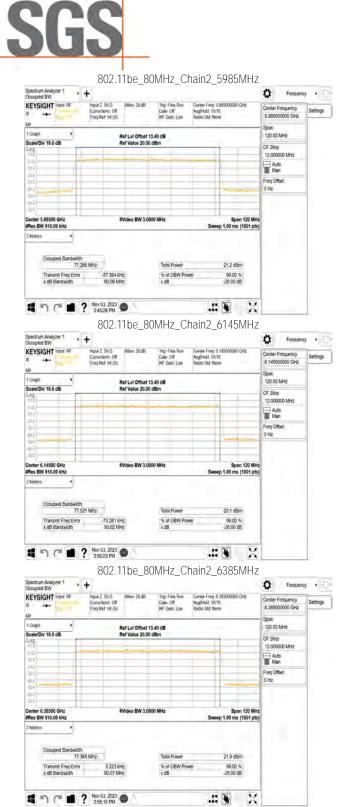
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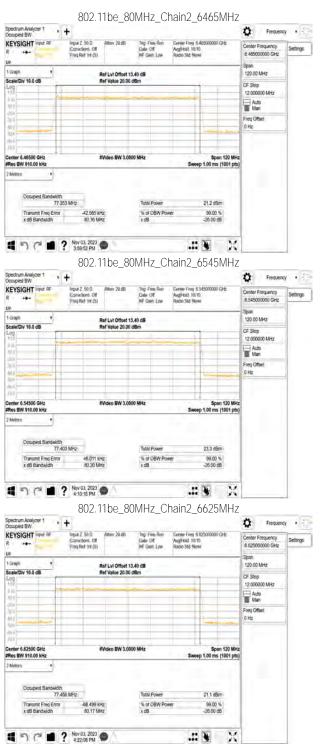
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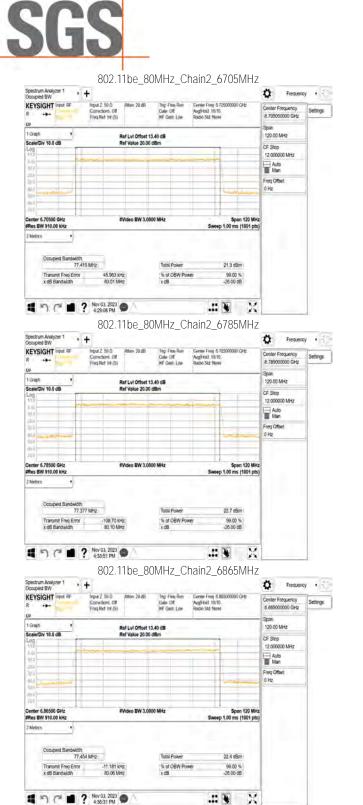
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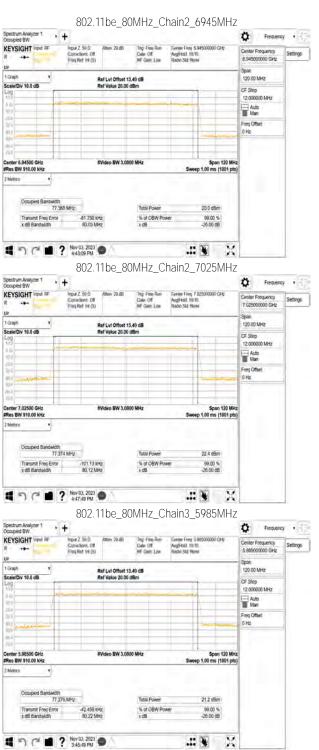
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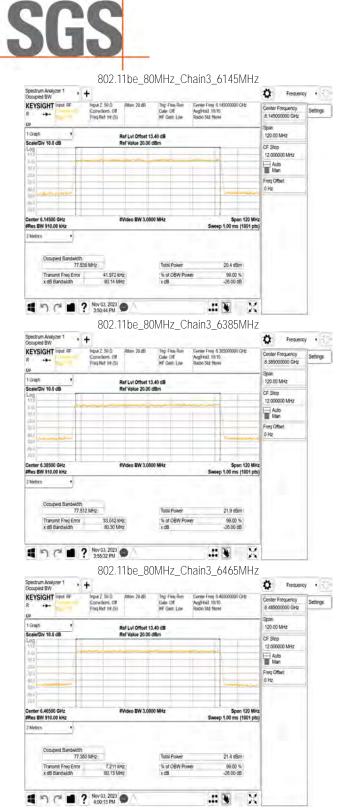
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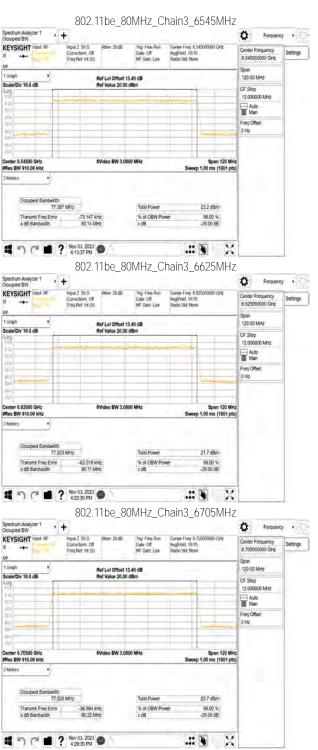
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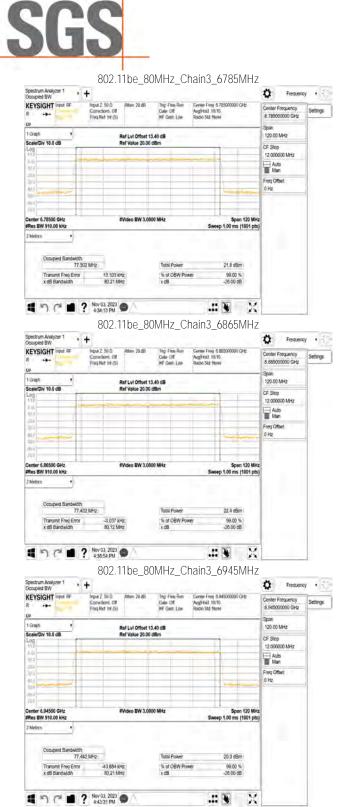
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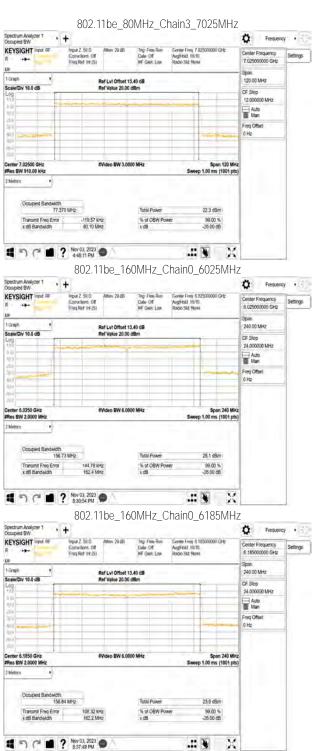
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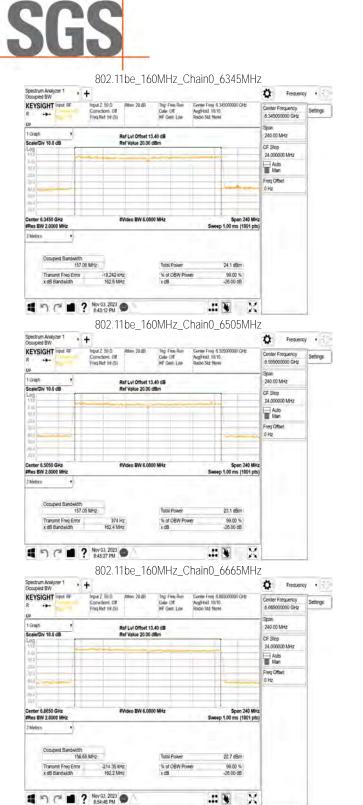
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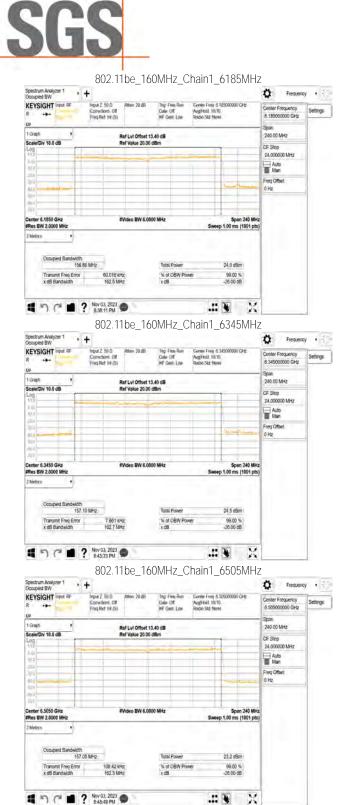
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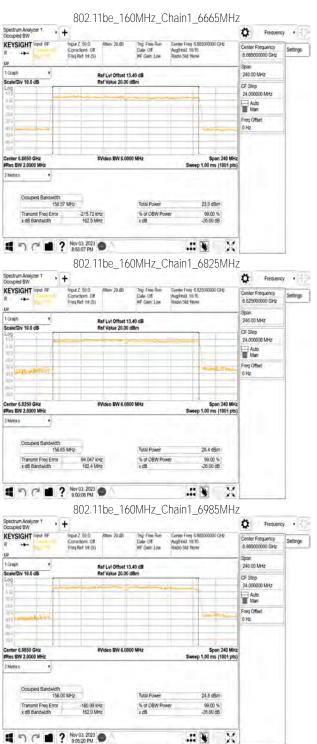
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## Report No.: TERF2308001924E2 Page: 120 of 865





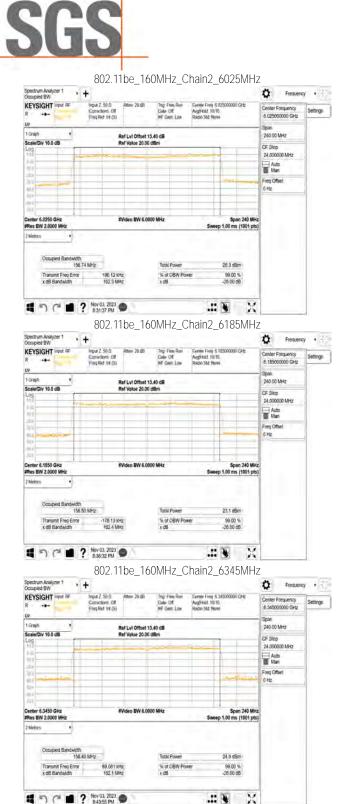
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Spectrum Analyzer 1	(T) (	_160MHz_C			C Frequent	y i
EYSIGHT input RF	Inguit Z. 50 0. Attiny 20 Convoltants: Off Filog Ref. Int (5)	dB Thig Free Run Galle Off MF Quin: Low	Center Freq 6 50500 AvgHold 10/10 Radio Ski None	0000 CH2	Center Frequency 6.50500000 GHz	Settings
Graph y	Ref Lvi Of	Ref Lvi Offset 13.40 dB				
Scale/Div 10.0 dB	Ref Value	20.00 dBm		_	CF Step	-
100			-	-	24.000000 MHz	
10.0					Man	
10.0 Carace - Ing an					Freq Offset 0 Hz	
De De						
enter 6.5050 GHz	Milder Di	V 6.0000 MHz		Span 240 MHz		
Res BW 2.0000 MHz	and br	C.OUVO MITZ	Sweep 1.0	0 ms (1001 pts)		
Mettes						
Occupied Bandwidt	h	1000				
156 Transmit Freq Error	3.69 MHz	Total Power % of OBW Pow		6 dBm		
x dB Bandwidth	162.5 MHz	x dB	-20	.00 dB		
1 7 C 1	? Nov 03, 2023	-	.:: 🖲	X		
	802.11be_	160MHz_C	hain2_66	65MHz	,	
pectrum Analyzer 1 , coupled BW	+				C Frequen	y
EYSIGHT input RF	Input Z 50.0 Atten 20 Convolors Off	dB Trig Free Run Gale Of	Centre Freq 6.85500 Avg/Hold 10/10.	0000 CHI2	Center Frequency	Settings
· · · ·	Flog Ret Int (5)	INF Own: Low	Radio Sad None		6.665000000 GHz	
Graph Y	Ref Lvt Or	fset 13.40 dB	-	- 11	Span 240.00 MHz	
cale/Div 10.0 dB	Ref Value	20.00 dBm		-	CF Step	1
0.00				-	24.000000 MHz	
10 a)- mm					Man	
40.0				-	Freq Offset 0 Hz	
(p.e)						7
enter 6.6650 GHz	Winter BV	V 6.0000 MHz		Span 240 MHz		
Res BW 2.0000 MHz			Sweep 1.0	0 ms (1001 pts)		
Mettics						
Occupied Bandwidt	h	0.00				
156 Transmit Freq Error	183 04 KHz	Total Power		8 dBm (		
x dB Bandwidth	162.5 MHz	x dB		.00 dB		
	· ·····					
170	? Nov 03, 2023		.:: 3	X		
	802.11be_	160MHz_C	hain2_68	325MHz		
pectrum Analyzer 1 v	+				C Frequent	y + -
EYSIGHT input RF	Input Z 50.0 Atless 20 Conscions: Off	dB Trig Free Run Gale Off	Center Famy 6 82500 WygHold 10/10	0000 GHz	Center Frequency	Settings
t +++ ₽	Freq Ret Int (5)	INF Own: Low	Radio Stat None		6.625000000 GHz	
Graph y	Ref Lvt Of	tset 13,40 dB			Span 240.00 MHz	
cale/Div 10.0 dB	Ref Value	20.00 dBm	- 11		CF Step	-
6 (G)					24.000000 MHz	
159) (Die				-	Man	
40.0					Freq Offset 0 Hz	
De De						
61	ALL ALL MA	V 6.0000 MHz	1	Span 240 MHz		
anter 6 8250 Clus	evideo BV		Sweep 1.0	5pan 240 MHz 0 ms (1001 pts)		
Res BW 2.0000 MHz						
Res BW 2.0000 MHz						
Res BW 2,0000 MHz Metrics 1						
Occupied Bandwidt 156	5.64 MHz	Tatal Power		3 dBm i		
Res BW 2,0000 MHz Metrics	5.64 MHz	Tatal Power % of DBW Pow x dB	er 9	3 dBm 9.00 %		
Res BW 2.0000 MHz Metrics • Occupied Bandwidt 150 Transmit Freq Error	10.220 KHz	% of OBW Pow	er 9	9.00 %		
es BW 2.0000 MHz Artixes	10.220 KHz	% of OBW Pow	er 9	9.00 % 00 dB		

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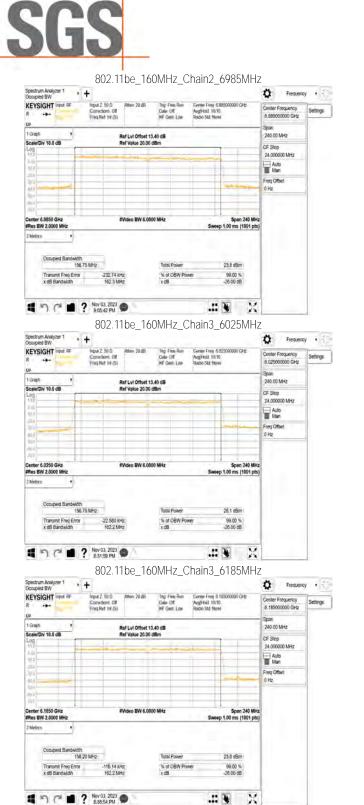
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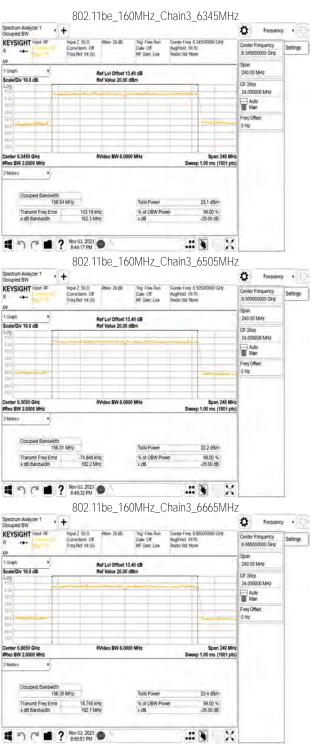
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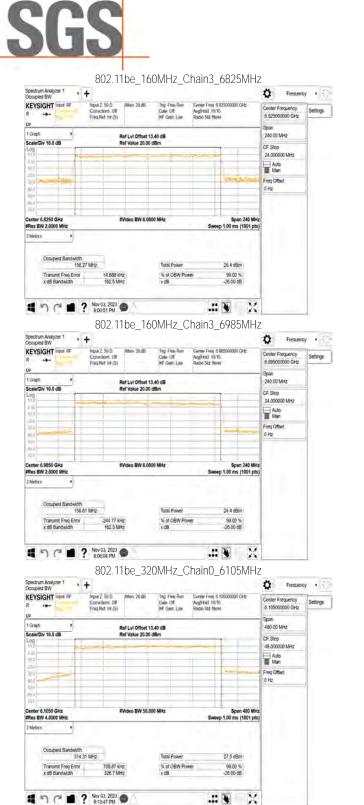
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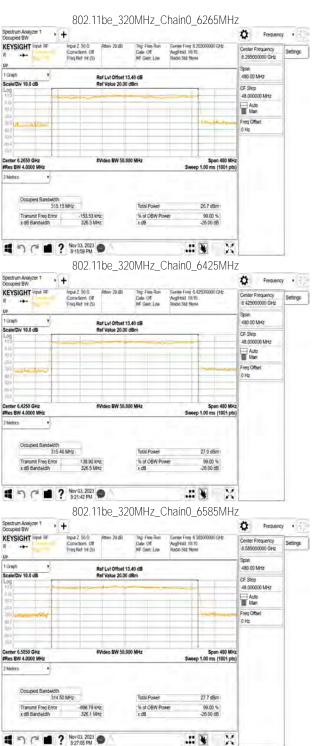
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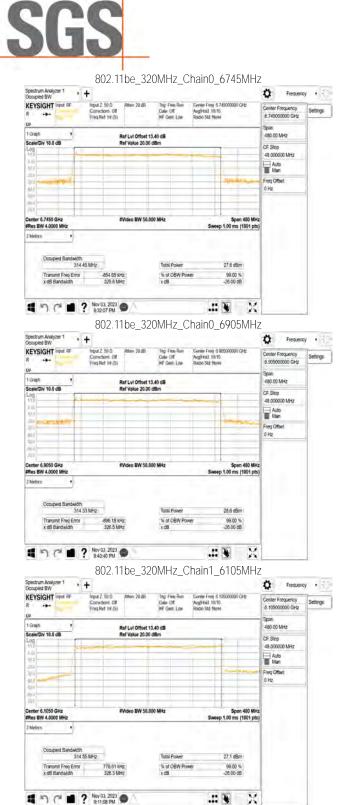
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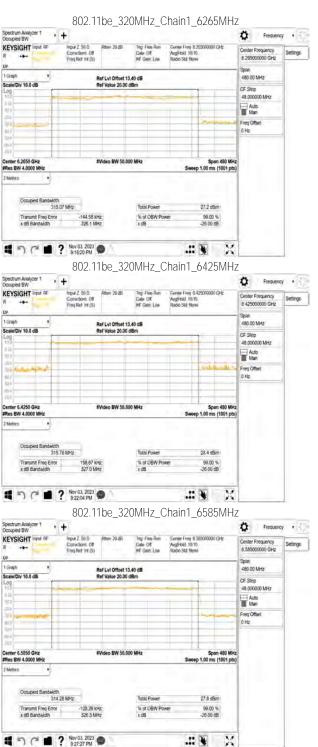
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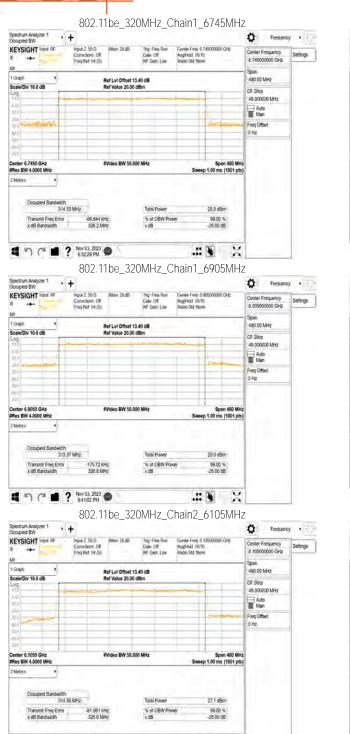
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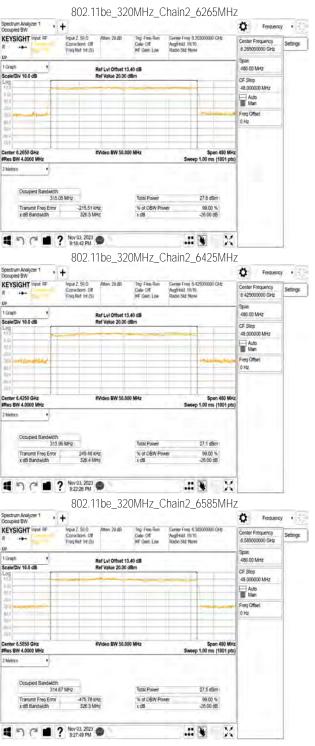
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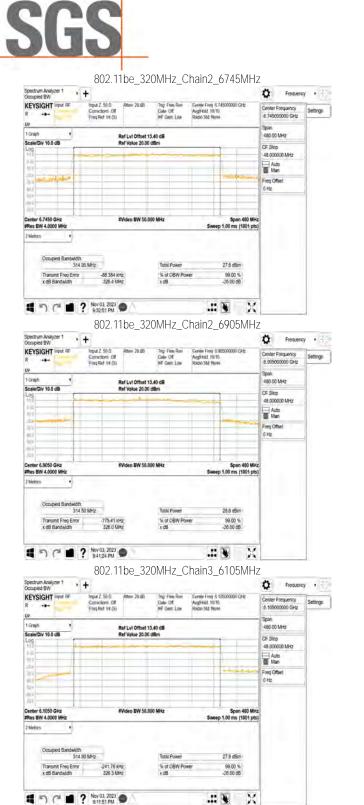
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Spectrum Analyzer 1	+				C Frequent	ey
CEYSIGHT input RF	Input Z 50 0 / Connelions: Off Frog Riet Int (5)	Idlaw 20.03 Trig Filos Rum Gale Off IMF Gain: Low	Cerner Freq 8.25500000 C Avg14bit 10/10 Radio Sitt None	Hz	Center Frequency 6 26500000 GHz	Settings
graph y		Lvi Offset 13.40 dB		-	Span 480.00 MHz	1
ale/Div 10.0 dB	CF Step	4				
09 10				-	48.000000 MHz	
Die Contraction					Man	
0.0			1000		Freq Offset 0 Hz	
26						-
1				-		
inter 6.2650 GHz les BW 4.0000 MHz	ŧV	deo BW 50.000 MHz	Sweep 1.00 ms (	480 MHz 1001 pts)		
Metrics •						
Occupied Bandwid7 314	1.96 MHz	Total Power	27.2 dBm			
Transmit Freq Error x dB Bandwidth	15.398 KHz 326.4 MHz		wer 99.00 %			
1000	? Nov 03, 2023	A.	.:: 🗑	X		
		ha 220MU⇒ (		the second second		4
ectrum Analyzer 1		be_320MHz_(	Judii 13_0425	IVIFIZ	1.	
EYSIGHT input RF	+ Input Z 59.0 /	Mary 20.03 Trig Free Run	Genter Freig 6.42500000 C	ile i	C Frequent	9.1
++	Convictions Of Freq Ref. Int (5)	Gale Of HF Gain: Low	AvgHold 10/10 Rado Std Nove		Center Frequency 6 425000000 GHz Span	Settings
Grași) y		Lvi Offset 13,40 dB		11	480.00 MHz	
cale/Div 10.0 dB	Re	Value 20.00 dBm		-	CF Step 48.000000 MHz	
0				-	Auto	
50- D.0					Freq Offset	
pu) de de la competi						
					0 Hz	
Die Die					0 Hz	1
De De 1		den BW 50.000 MHz	Spar	430 MHz	0 Hz	-
enter 6.4250 GHz Res BW 4.0000 MHz	54	dec BW 50.000 MHz	Spar Sweep 1,00 ms (	480 MHz 1001 pts)	0 H2	
enter 6.4250 GHz Res BW 4.0000 MHz Metrics: Y	57	deo BW 50.000 MHz	Span Sweep 1.00 ms (	480 MHz 1001 pts)	0 H2	
enter 6.4250 GHz Res BW 4.0000 MHz Metros			Sweep 1.00 ms (	1001 pts)	0 H2	
enter 6.4250 GHz Res BW 4.0000 MHz Metros • Occupied Bandwidt 314		Total Power	Sweep 1,00 ms ( 27.8 dB=	1001 pts)	0.12	đ
enter 6.4250 GHz Res BW 4.0000 MHz Mettos •	1. IAG MHz	Total Power	Sweep 1,00 ms ( 27.8 dB=	1001 pts)	0 Hz	8
All of the second secon	1 46 MHz 88.846 KHz 326.4 MHz	Tatal Power % of DBW Po 1 dB	Sweep 1.00 ms ( 27.8 dBm wer 99.00 % -26.00 dB	1001 pts)	0 Hz	đ
All of the second secon	1 46 MHz 88.846 KHz	Tatal Power % of DBW Po 1 dB	Sweep 1.00 ms ( 27.8 dBm wer 99.00 %	1001 pts)	0 Hz	d.
All the second s	46 MHz 526 A MHz 326 A MHz 9 Nov 03, 2023 9 22-48 PM	Tatal Power % of DBW Po 1 dB	Sweep 1.00 ms ( 27.8 dBm 9800 % -26.00 dB	1001 pts)		
Anton Constant Consta	46 MHz 526 A MHz 326 A MHz 9 Nov 03, 2023 9 22-48 PM	Tatai Power 14 or OBW Po 2 dtl	Sweep 1.00 ms ( 27.8 dBm 9800 % -26.00 dB	1001 pts)		
Antonia Construction of the second of the se	46 MH2 98 546 HH2 326 4 MH2 <b>?</b> Nov 03, 2023 922-45 PM 802, 111 + Imped 2 50 0	Tatai Power 14 or OBW Po 2 dtl	5weep 1.00 ms ( 27 8 dBm 9000 % 	X MHz	Center Frequency	cy •
Inter 6,4250 OH: es 6W 4,000 MHz Mittess Occuped Bundwatt 314 Tranumt Freq Error x dB Bandwatth Couped Bundwatth	46 MH2 88 546 bH2 325 4 MH2 9 Nov 03, 2023 822-46 PM 802, 111 +	Tatsi Power Ni or DBW Po in dB be_320MHz_(	9000 1.00 ms ( 27 8 dBa 900 1 -2500 dB -2500 dB	X MHz	Center Frequency 555500000 Give	1
Antiparties of the second seco	46 MH2 58 546 542 3254 MH2 9 Nov 03, 3023 92248 PM 802.111 + Nov 03, 2023 92248 PM 802.111 + Nov 03, 2023 82248 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - - - - - - - - - - - - -	Tatal Power in or DBW Po in dB be_320MHz_( tauw 20 dB Tag File Ban Tag File Ban	5weep 1.00 ms ( 27 å dis- 9000 s -26.00 dis 	X MHz	Center Frequency	1
enter 6 A250 OH2 enter 6 A250 OH2 Metrics	46 MH2 58 546 542 3254 MH2 9 Nov 03, 3023 92248 PM 802.111 + Nov 03, 2023 92248 PM 802.111 + Nov 03, 2023 82248 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - - - - - - - - - - - - -	Tatsi Power 'N of DBW Pic in dB be_320MHz_( taue 20 dB Tray Fires Burn Calle Of Inf Gam Low	27 å dis- 27 å dis- 3000 fr -26,000 dis- 26,000 dis- 26,0000 dis- 26,000 dis- 26,000 dis- 26,000 dis- 26,000 dis-	X MHz	Center Frequency 555500000 GHz Sigan 480 00 MHz C5 Step	1
construct AL250 OH2     so BM 4.0000 MH2     Memory     Cocapied Bindwidt     Transmit Freq Error     x dB Bandwidth     Transmit Freq Error     x dB Bandwidth     Cocapied Bind     Cocap	46 MH2 58 546 542 3254 MH2 9 Nov 03, 3023 92248 PM 802.111 + Nov 03, 2023 92248 PM 802.111 + Nov 03, 2023 82248 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - - - - - - - - - - - - -	Tatal Power in or DBW Po in dB be_320MHz_( tauw 20 dB Tag File Ban Tag File Ban	27 å dis- 27 å dis- 3000 fr -26,000 dis- 26,000 dis- 26,0000 dis- 26,000 dis- 26,000 dis- 26,000 dis- 26,000 dis-	X MHz	Frequency     Center Firequency     Span     480.00046     Center Firequency     Span     480.00046     Center     Step     48.000000 MHz	1
Cocupied Bundward     Standard     Cocupied Bundward     Standard     Transmit Freq Enror     xed Bundward     Transmit Freq Enror     xed Bundward     to C      Cocupied Bundward     Standard     To C      Cocupied Bundward     Standard     Stand	46 MH2 58 546 542 3254 MH2 9 Nov 03, 3023 92248 PM 802.111 + Nov 03, 2023 92248 PM 802.111 + Nov 03, 2023 82248 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - - - - - - - - - - - - -	Tatal Power in or DBW Po in dB be_320MHz_( tauw 20 dB Tag File Ban Tag File Ban	27 å dis- 27 å dis- 3000 fr -26,000 dis- 26,000 dis- 26,0000 dis- 26,000 dis- 26,000 dis- 26,000 dis- 26,000 dis-	X MHz	Frequency States Conter Frequency 6.55000000 GHz Span 4.00 00 Metr CC Step 4.0000 Metr Adda Maar	1
enter 6 A250 OH2 enter 6 A250 OH2 Meters 4 A300 M42 Meters 314 Transmit Freg Error x oB Banowish Cocuped Bandwish 11 Transmit Freg Error x oB Banowish EYSIGHT Inoue AF EYSIGHT Inoue AF Coran C	46 MH2 58 546 542 3254 MH2 9 Nov 03, 3023 92248 PM 802.111 + Nov 03, 2023 92248 PM 802.111 + Nov 03, 2023 82248 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - Nov 03, 2023 82548 PM 802.111 - - - - - - - - - - - - -	Tatal Power in or DBW Po in dB be_320MHz_( tauw 20 dB Tag File Ban Tag File Ban	27 å dis- 27 å dis- 3000 fr -26,000 dis- 26,000 dis- 26,0000 dis- 26,000 dis- 26,000 dis- 26,000 dis- 26,000 dis-	X MHz	Frequency     Center Firequency     Span     480.00000 MHz     48.000000 MHz	1
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#### MAXIMUM OUTPUT POWER 9

# 9.1 Standard Applicable

#### 9.1.1 **Duty Cycle**

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

#### 9.1.2 **Output Power**

§15.407(a)

(4) For a standard power access point and fixed client device operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.

For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

- (5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (6) For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.
- (8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

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	EUT CATEGORY	Equipment Class	§15.407(a)
	Standard Access Point	6SD	EIRP < 36dBm and antenna angle above 30 degrees < 21dBm EIRP for outdoor use
V	indoor Access Point	6ID	EIRP < 30dBm
	Subordinate Device	6PP	EIRP < 30dBm
	Fixed Client	6FC	EIRP < 36dBm and antenna angle above 30 degrees < 21dBm EIRP for outdoor use
	Indoor Client	6XD	EIRP < 24dBm
	Standard Client	6FX	EIRP < 30dBm no more than 6 dB below its associated standard power access point's authorized trans-mit power
	Dual Client	6CD	Compliance both indoor clinet and standard client limit

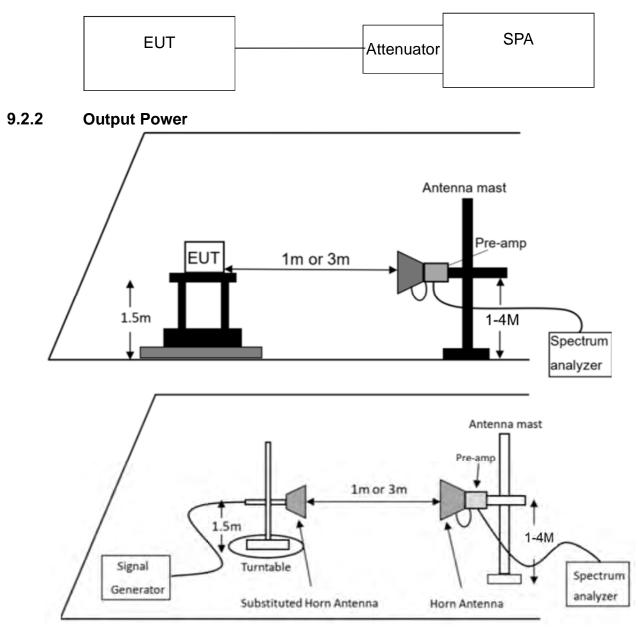
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#### 9.2 Test Setup

### 9.2.1 Duty Cycle



#### 9.3 Measurement Procedure

#### 9.3.1 Duty Cycle

- 1. Set span = Zero
- 2. RBW = 8MHz
- 3. VBW = 8MHz,
- 4. Detector = Peak

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