

RF TEST REPORT

FCC ID: 2BCFY-ERO1BEMPRO

Test Report No.....: RF250516014-01-005

Product(s) Name.....: Wireless Home Gateway

Model(s).....: ERO1BEM PRO

Trade Mark.....: HEIGHTS

Applicant.....: HEIGHTS TELECOM T LTD

Address.....: Ha-Sakhlav 6,7680900 Iruş, Israel

Receipt Date.....: 2025.06.20

Test Date.....: 2025.06.20~2025.09.11

Issued Date.....: 2025.09.12

Standards.....: 47 CFR FCC Part 15, Subpart E(Section 15.407);
ANSI C63.10:2013

Testing Laboratory.....: Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
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<i>Jason Huang</i>	<i>Black Ding</i>	<i>Tim Zhang</i>	

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History of this test report

Original Report Issue Date: 2025.09.12

- ☒ No additional attachment
- ☐ Additional attachments were issued following record

Attachment No.	Issue Date	Description



1. General Information

1.1 Applicant

HEIGHTS TELECOM T LTD

Ha-Sakhlav 6,7680900 Iru, Israel

1.2 Manufacturer

Heights Telecom Switzerland SA

Boulevard Georges-Favon, 43

1204 – Geneva

Switzerland

1.3 Basic Description of Equipment Under Test

Test sample no.	POC250516014-S001	
Equipment Name	Wireless Home Gateway	
Test Model	ERO1BEM PRO	
Trade Mark	HEIGHTS	
Power Supply	DC 12V from adapter	
Adapter information	Model: SOY-1200250US-459 Input: 100-240V~50/60Hz 0.9A Max. Output: 12.0V===2.5A 30.0W	
Operate temperature	0°C-40°C	
EUT Stage	○ Product Unit	● Final-Sample
Frequency Range	For 802.11a: 5955 ~ 7115MHz For 802.11ax-HE20: 5955 ~ 7115MHz For 802.11ax-HE40: 5965 ~ 7085MHz For 802.11ax-HE80: 5985 ~ 7025MHz For 802.11ax-HE160: 5985 ~ 7025MHz For 802.11be-HE20: 5955 ~ 7115MHz For 802.11be -HE40: 5965 ~ 7085MHz For 802.11be -HE80: 5985 ~ 7025MHz For 802.11be -HE160: 5985 ~ 7025MHz For 802.11be -HE320: 5985 ~ 7025MHz	
Modulation	OFDM, OFDMA	
Data Rate (Mbps)	IEEE 802.11a mode : 6/9/12/18/24/36/48/54 IEEE 802.11ax mode : up to 4803.9 IEEE 802.11be mode : up to 11529.6	
Type of Device	Master device	
Antenna gain	Ant1: 4.24 dBi, Ant2: 4.92 dBi, Ant3: 4.84 dBi, Ant4: 4.35 dBi	
Directional gain	1.16dBi(from the antenna report)	
Beamforming Function	Beamforming gain: 6.57dB	

1.4 Working Frequencies

802.11a, 802.11ax-HE20, 802.11be-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
01	5955 MHz	05	5975 MHz	09	5995 MHz
13	6015 MHz	17	6035 MHz	21	6055 MHz
25	6075 MHz	29	6095 MHz	33	6115 MHz
37	6135 MHz	41	6155 MHz	45	6175 MHz
49	6195 MHz	53	6215 MHz	57	6235 MHz
61	6255 MHz	65	6275 MHz	69	6295 MHz
73	6315 MHz	77	6335 MHz	81	6355 MHz
85	6375 MHz	89	6395 MHz	93	6415 MHz
97	6435 MHz	101	6455 MHz	105	6475 MHz
109	5495 MHz	113	6515 MHz	117	6535 MHz
121	6555 MHz	125	6575 MHz	129	6595 MHz
133	6615 MHz	137	6635 MHz	141	6655 MHz
145	6675 MHz	149	6695 MHz	153	6715 MHz
157	6735 MHz	161	6755 MHz	165	6775 MHz
169	6795 MHz	173	6815 MHz	177	6835 MHz
181	6855 MHz	185	6875 MHz	189	6895 MHz
193	6915 MHz	197	6935 MHz	201	6955 MHz
205	6975 MHz	209	6995 MHz	213	7015 MHz
217	7035 MHz	221	7055 MHz	225	7075 MHz
229	7095 MHz	233	7115 MHz	--	--

802.11ax-HE40, 802.11be-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
03	5965 MHz	11	6005 MHz	19	6045 MHz
27	6085 MHz	35	6125 MHz	43	6165 MHz
51	6205 MHz	59	6245 MHz	67	6285 MHz
75	6325 MHz	83	6365 MHz	91	6405 MHz
99	6445 MHz	107	6485 MHz	115	6525 MHz
123	6565 MHz	131	6605 MHz	139	6645 MHz
147	6685 MHz	155	6725 MHz	163	6765 MHz
171	6805 MHz	179	6845 MHz	187	6885 MHz
195	6925 MHz	203	6965 MHz	211	7005 MHz
219	7045 MHz	227	7085 MHz	--	--

802.11ax-HE80, 802.11be-HE80

Channel	Frequency	Channel	Frequency	Channel	Frequency
07	5985 MHz	23	6065 MHz	39	6145 MHz
55	6225 MHz	71	6305 MHz	87	6385 MHz
103	6465 MHz	119	6545 MHz	135	6625 MHz
151	6705 MHz	167	6785 MHz	183	6865 MHz
199	6945 MHz	215	7025 MHz	--	--

802.11ax-HE160, 802.11be-HE160

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

802.11be-HE320

Channel	Frequency	Channel	Frequency	Channel	Frequency
31	6105 MHz	63	6265 MHz	129	6585 MHz
159	6745 MHz	191	6905 MHz	--	--

2. Summary of Test Results

2.1 Summary of Test Items

FCC Section(s)	Test project	Test method	Verdict
15.407(a)	26dB & 99% Bandwidth	Conducted	Pass
15.407(b)(7)	In-Band Emission		Pass
15.407(a)(5), (a)(6)	Transmitter power		Pass
15.407(a)(5), (a)(6)	Peak Power Spectral Density (E.I.R.P)		Pass
15.407(d)(6)	Contention-Based Protocol		Pass
15.407(g)	Frequency Stability		Pass
15.407(b)(6) 15.205 15.209	Unwanted Emissions	Radiated	Pass
15.207	AC Conducted Emissions	Line Conducted	Pass
15.203	Antenna Requirements	/	Note4

Remark:

- The analyzer plots shown in this section were all taken with a correction table loaded into the analyzer. The correction table was used to account for the losses of the cables and attenuators used as part of the system to connect the EUT to the analyzer at all frequencies of interest.
- Output power test was verified over all data rates of each mode, and then choose the maximum power output (low data rate) for final test of each channel.
- For radiated emission test, every axis (X, Y, Z) was also verified. The test results shown in the following sections represent the worst-case emissions.
- The EUT have 4 PCB antennas arrangement which was permanently attached.
- EUT supports one configuration only in 802.11ax, 802.11be full RU mode.

2.2 Standards or specification

47 CFR FCC Part 15, Subpart E

KDB 662911 D01 Multiple Transmitter Output v02r01

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB987594 D01 U-NII 6GHz General Requirements v03r01

KDB 414788 D01 Radiated Test Site v01r01

ANSI C63.10:2013

2.3 Test Instruments

No.	Name of Equipment	Manufacturer	Model Number	Serial Number	Inventory No.	Last Calibration	Due Calibration
Radiated Emission							
1	Test receiver	Rohde&Schwarz	ESU	100184	JLE011	2025/3/1	2026/2/28
2	Log periodic antenna	Schwarzbeck	VULB 9168	1151	JLE012	2025/4/12	2026/4/11
3	Low frequency amplifier	/	LNA 0920N	2014	JLE023	2025/3/1	2026/2/28
4	High frequency amplifier	Schwarzbeck	BBV 9718	9718-284	JLE024	2025/3/1	2026/2/28
5	Horn Antenna	SCHWARZBECK	BBHA 9120 D	02670	JLE028	2025/4/12	2026/4/11
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE021	2025/4/15	2026/4/14
7	Horn Antenna	SCHWARZBECK	BBHA 9170	9170#685	JLE029	2024/7/15	2027/7/14
8	Loop Antenna	SCHWARZBECK	FMZB1519B	00029	JLE030	2024/7/15	2027/7/14
9	Broadband preamplifier	Schwarzbeck	BBV9721	9721-019	JLE025	2025/3/1	2026/2/28
10	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
Conducted Emission							
1	LISN	Rohde&Schwarz	ENV216	100075	JLE002	2025/3/1	2026/2/28
2	ISN	Schwarzbeck	CATE 5 8158	#171	JLE003	2025/2/21	2026/2/20
3	ISN	Schwarzbeck	CAT 3 8158	00187	JLE032	2025/2/21	2026/2/20
4	Test receiver	Rohde&Schwarz	ESCI	100718	JLE010	2025/3/1	2026/2/28
5	Pulse limiter	Rohde&Schwarz	ESH3-Z2	102299	JLE047	2025/3/1	2026/2/28
6	Temp&Humidity Recorder	Meideshi	JR900	/	JLE020	2025/4/15	2026/4/14
7	Test software	Farad Technology Co., Ltd	EZ-EMC Ver.TW-03A2				
RF Conducted Emissions							
1	MXA Signal Analyzer	Keysight	N9021B	MY60080169	JLE050	2025/3/1	2026/2/28
2	RF Control Unit	dsusoft	JS0806-2	21G8060449	JLE053	2025/3/1	2026/2/28
3	power supply unit	dsusoft	JS0806-4ADC	N/A	JLE055	2025/3/1	2026/2/28
4	VXG Signal Generator	Keysight	M9384B	MY61270787	JLE051	2025/6/10	2026/6/09
5	EXG Analog Signal Generator	Keysight	N5173B	MY59101282	JLE052	2025/3/1	2026/2/28
6	Wideband Radio Communication Tester	Rohde&Schwarz	CMW500	1201.0002K5 0-116064-Dt	JLE054	2025/3/1	2026/2/28
7	Test software	dsusoft	JS1120-3 Ver.3.2.22.0				

2.4 Test Mode

The EUT was supplied by and it was run in TX mode that was controlled by Master provided RF testing program. The worst case test result was showed in the report.

Mode 1: Transmit by 802.11a (6)
Mode 1: Transmit by 802.11be-HE20(MCS0)
Mode 2: Transmit by 802.11be-HE40(MCS0)
Mode 3: Transmit by 802.11be-HE80(MCS0)
Mode 3: Transmit by 802.11be-HE160 (MCS0)
Mode 3: Transmit by 802.11be-HE320 (MCS0)

Note:

Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160. The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to test.

2.5 Test Condition

Applicable to	Environmental conditions	Input Power	Tested by
26dB & 99% Bandwidth	23.4~25.3°C, 51~59% RH	DC 12V	Freedom Zhuo
In-Band Emission	23.4~25.3°C, 51~59% RH	DC 12V	Freedom Zhuo
Contention-Based Protocol	23.4~25.3°C, 51~59% RH	DC 12V	Freedom Zhuo
Frequency Stability	23.4~25.3°C, 51~59% RH	DC 12V	Freedom Zhuo
Transmitter power	23.4~25.3°C, 51~59% RH	DC 12V	Freedom Zhuo
Peak Power Spectral Density	23.4~25.3°C, 51~59% RH	DC 12V	Freedom Zhuo
Unwanted Emissions	23.8-24.6°C, 51-57% RH	AC 120V/60Hz	Lemon He
AC Conducted Emissions	23.2-24.5°C, 52-55% RH	AC 120V/60Hz	Keith Huang

Note: Adapter supply voltage AC 120V/60Hz.

The applicant declare the operating environment of EUT as below:

Normal conditions: DC 12V, 0~40°C

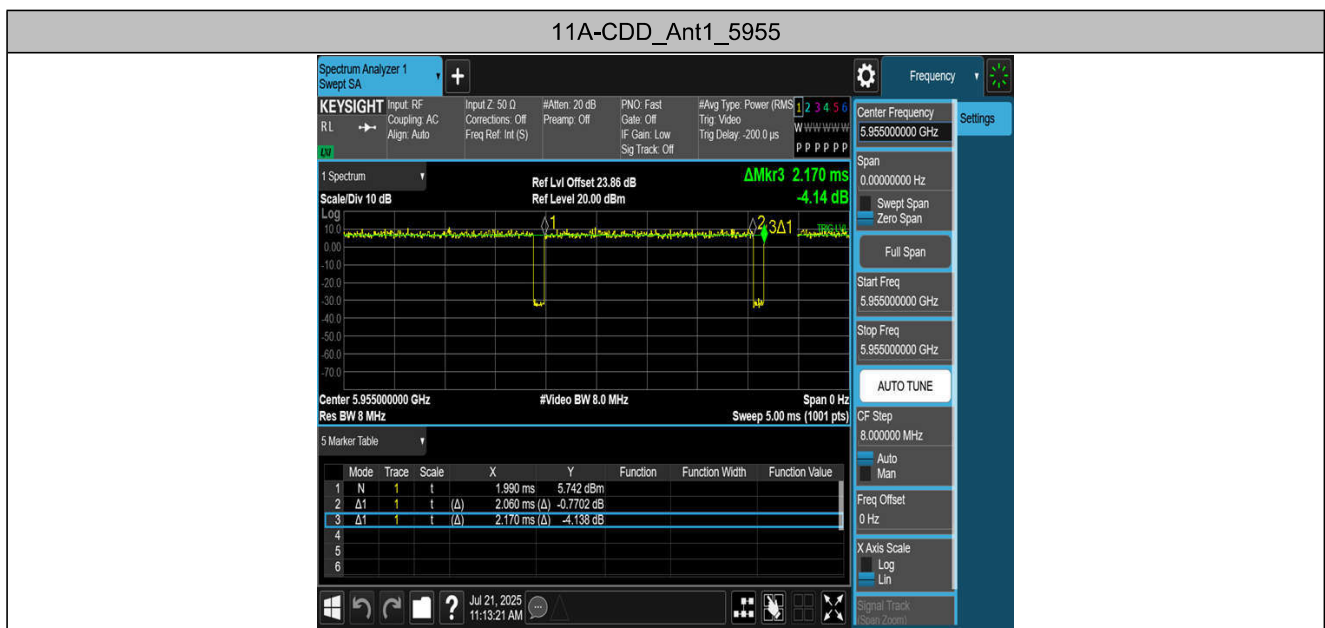
2.6 Duty Cycle of Test Signal

If duty cycle is $\geq 98\%$, duty factor is not required.

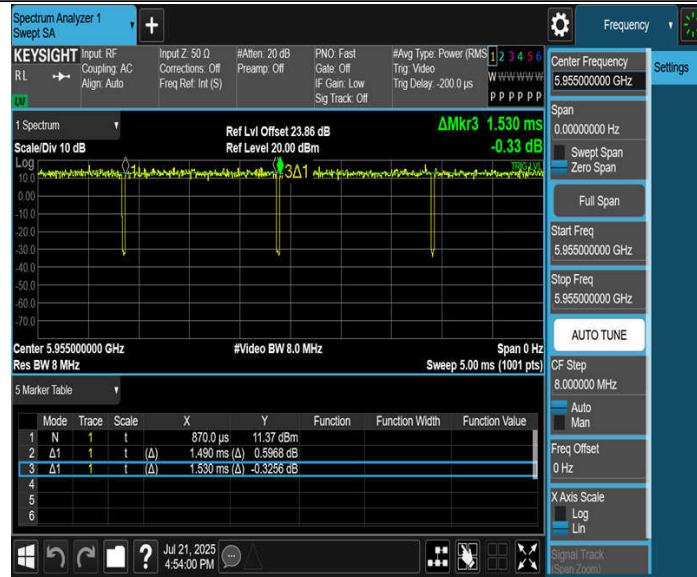
If duty cycle is $< 98\%$, duty factor shall be considered.

All the duty factor of other test mode have been considered.

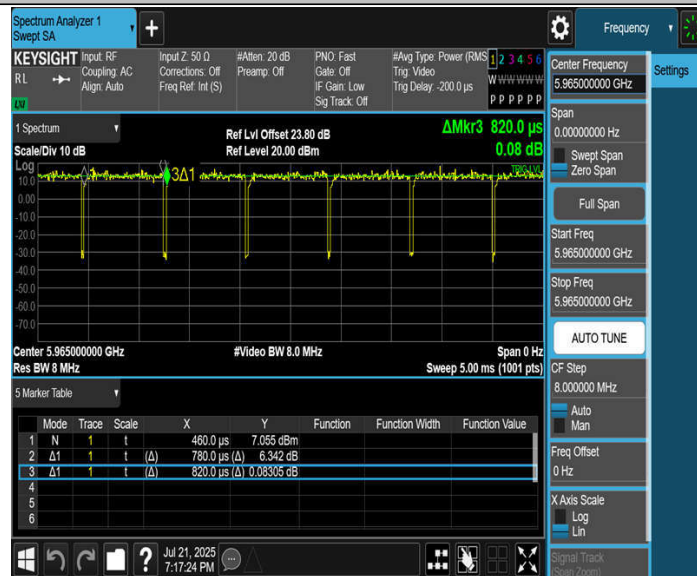
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A-CDD	Ant1	5955	2.06	2.17	94.93
11BE20MIMO	Ant1	5955	1.49	1.53	97.39
11BE40MIMO	Ant1	5965	0.78	0.82	95.12
11BE80MIMO	Ant1	5985	0.41	0.44	93.18
11BE160MIMO	Ant1	6025	0.24	0.27	88.89
11BE320MIMO	Ant1	6105	0.15	0.19	78.95



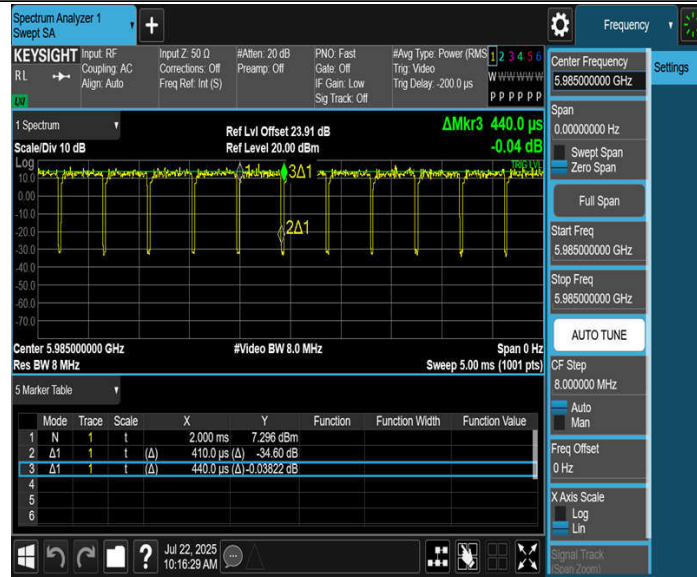
11BE20MIMO_Ant1_5955



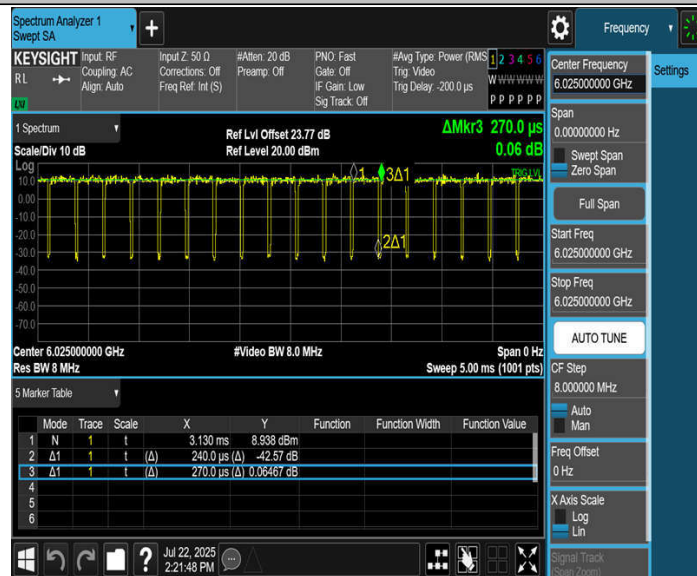
11BE40MIMO_Ant1_5965



11BE80MIMO_Ant1_5985



11BE160MIMO_Ant1_6025



2.7 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Uncertainty	
Parameter	Uncertainty
Occupied Channel Bandwidth	$\pm 102\text{kHz}$
Power Spectral Density	$\pm 0.243\text{dB}$
Conducted Spurious Emission	$\pm 0.743\text{dB}$
RF power conducted	$\pm 1.328\text{dB}$
Conducted emission(9kHz~30MHz) AC main	$\pm 2.68\text{dB}$
Radiated emission(9kHz~30MHz)	$\pm 3.50\text{dB}$
Radiated emission (30MHz~1GHz)	$\pm 4.20\text{dB}$
Radiated emission (1GHz~18GHz)	$\pm 5.10\text{dB}$
Radiated emission (18GHz~40GHz)	$\pm 5.26\text{dB}$

2.8 Test Location

Company:	Shenzhen Haiyun Standard Technical Co., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
CAB identifier:	CN0145
A2LA Certificate Number:	6823.01
Telephone:	0755-26024411

2.9 Deviation from Standards

No.	Equipment	Model	Manufacturer	Series No
1	PC	M4500T	Thinkpad	M032004854IT
2	Notebook	L450	Think	/
3	Notebook	L450	Think	/

3. Test Procedure And Results

3.1 26dB & 99% Bandwidth Measurement

3.1.1 Limit

The upper and lower frequency limits of the transmitter 99 % emission power bandwidth shall at all times remain within the operating frequency limits.

Some transmitter categories require a specific limit for emission bandwidth. In such cases, the emission bandwidth shall be established by testing in accordance with the relevant specified Standard.

3.1.2 Test Procedure

KDB 789033 D02v02r01- Section II)C)1) (26dB Bandwidth)

KDB 789033 D02v02r01- Section II)D) (99% Bandwidth)

3.1.3 Test Setup

26dB Bandwidth

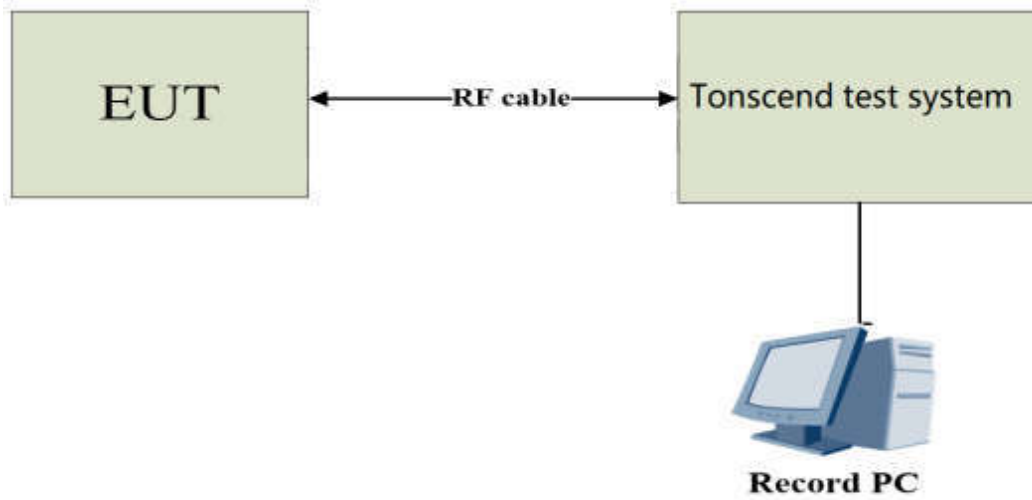
1. The analyzers' automatic bandwidth measurement capability was used to perform the 26dB bandwidth
2. RBW = approximately 1% of the emission bandwidth.
3. VBW > RBW
4. Detector = Peak.
5. Trace mode = max hold.
6. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.

Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

99% Bandwidth

1. Set center frequency to the nominal EUT channel center frequency.
2. RBW = 1% to 5% of the OBW
3. VBW $\geq$ 3 RBW
4. Span = 1.5 times to 5 times the OBW
5. Detector = peak
6. Trace mode = max hold
7. Allow the trace to stabilize
8. Use the 99% power bandwidth function of the instrument.

3.1.4 Test Setup



3.1.5 Test Result

Emission Bandwidth

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5955	21.720	5944.080	5965.800	---	---
	Ant2	5955	21.440	5944.280	5965.720	---	---
	Ant3	5955	21.480	5944.200	5965.680	---	---
	Ant4	5955	21.600	5944.160	5965.760	---	---
	Ant1	6175	21.600	6164.280	6185.880	---	---
	Ant2	6175	21.520	6164.200	6185.720	---	---
	Ant3	6175	21.440	6164.240	6185.680	---	---
	Ant4	6175	21.640	6164.080	6185.720	---	---
	Ant1	6415	21.720	6404.200	6425.920	---	---
	Ant2	6415	21.480	6404.200	6425.680	---	---
	Ant3	6415	21.360	6404.320	6425.680	---	---
	Ant4	6415	21.520	6404.200	6425.720	---	---
	Ant1	6435	21.520	6424.240	6445.760	---	---
	Ant2	6435	21.520	6424.200	6445.720	---	---
	Ant3	6435	21.560	6424.280	6445.840	---	---
	Ant4	6435	21.640	6424.080	6445.720	---	---
	Ant1	6475	21.480	6464.240	6485.720	---	---
	Ant2	6475	21.480	6464.240	6485.720	---	---
	Ant3	6475	21.480	6464.200	6485.680	---	---
	Ant4	6475	21.640	6464.040	6485.680	---	---
	Ant1	6515	21.600	6504.080	6525.680	---	---
	Ant2	6515	21.440	6504.160	6525.600	---	---

	Ant3	6515	21.440	6504.280	6525.720	---	---
	Ant4	6515	21.440	6504.240	6525.680	---	---
	Ant1	6535	21.600	6524.080	6545.680	---	---
	Ant2	6535	21.520	6524.120	6545.640	---	---
	Ant3	6535	21.520	6524.280	6545.800	---	---
	Ant4	6535	21.440	6524.200	6545.640	---	---
	Ant1	6695	21.720	6684.200	6705.920	---	---
	Ant2	6695	21.400	6684.200	6705.600	---	---
	Ant3	6695	21.680	6684.160	6705.840	---	---
	Ant4	6695	21.600	6684.080	6705.680	---	---
	Ant1	6855	21.680	6844.240	6865.920	---	---
	Ant2	6855	21.520	6844.200	6865.720	---	---
	Ant3	6855	21.440	6844.200	6865.640	---	---
	Ant4	6855	21.440	6844.240	6865.680	---	---
	Ant1	6875	21.480	6864.240	6885.720	---	---
	Ant2	6875	21.640	6864.120	6885.760	---	---
	Ant3	6875	21.520	6864.200	6885.720	---	---
	Ant4	6875	21.520	6864.200	6885.720	---	---
	Ant1	6895	21.440	6884.200	6905.640	---	---
	Ant2	6895	21.480	6884.160	6905.640	---	---
	Ant3	6895	21.440	6884.240	6905.680	---	---
	Ant4	6895	21.520	6884.240	6905.760	---	---
	Ant1	6995	21.480	6984.240	7005.720	---	---
	Ant2	6995	21.600	6984.240	7005.840	---	---
	Ant3	6995	21.600	6984.160	7005.760	---	---
	Ant4	6995	21.760	6984.000	7005.760	---	---
	Ant1	7115	21.520	7104.200	7125.720	---	---
	Ant2	7115	21.680	7104.120	7125.800	---	---
	Ant3	7115	21.640	7104.120	7125.760	---	---
	Ant4	7115	21.440	7104.240	7125.680	---	---
11BE20MIMO	Ant1	5955	21.640	5944.120	5965.760	---	---
	Ant2	5955	21.520	5944.280	5965.800	---	---
	Ant3	5955	21.560	5944.320	5965.880	---	---
	Ant4	5955	21.680	5944.120	5965.800	---	---
	Ant1	6175	21.880	6164.040	6185.920	---	---
	Ant2	6175	21.720	6164.120	6185.840	---	---
	Ant3	6175	21.600	6164.160	6185.760	---	---
	Ant4	6175	21.560	6164.240	6185.800	---	---
	Ant1	6415	21.800	6404.040	6425.840	---	---
	Ant2	6415	21.520	6404.160	6425.680	---	---
	Ant3	6415	21.600	6404.120	6425.720	---	---
	Ant4	6415	21.680	6404.160	6425.840	---	---
	Ant1	6435	21.720	6424.160	6445.880	---	---

	Ant2	6435	21.400	6424.240	6445.640	---	---
	Ant3	6435	21.560	6424.280	6445.840	---	---
	Ant4	6435	21.760	6424.040	6445.800	---	---
	Ant1	6475	21.680	6464.120	6485.800	---	---
	Ant2	6475	21.520	6464.200	6485.720	---	---
	Ant3	6475	21.600	6464.160	6485.760	---	---
	Ant4	6475	21.680	6464.160	6485.840	---	---
	Ant1	6515	21.800	6504.000	6525.800	---	---
	Ant2	6515	21.400	6504.160	6525.560	---	---
	Ant3	6515	21.640	6504.160	6525.800	---	---
	Ant4	6515	21.680	6504.120	6525.800	---	---
	Ant1	6535	21.920	6524.000	6545.920	---	---
	Ant2	6535	21.440	6524.240	6545.680	---	---
	Ant3	6535	21.680	6524.200	6545.880	---	---
	Ant4	6535	21.600	6524.200	6545.800	---	---
	Ant1	6695	21.680	6684.120	6705.800	---	---
	Ant2	6695	21.440	6684.280	6705.720	---	---
	Ant3	6695	21.560	6684.280	6705.840	---	---
	Ant4	6695	21.680	6684.160	6705.840	---	---
	Ant1	6855	21.680	6844.160	6865.840	---	---
	Ant2	6855	21.600	6844.200	6865.800	---	---
	Ant3	6855	21.800	6844.080	6865.880	---	---
	Ant4	6855	21.640	6844.160	6865.800	---	---
	Ant1	6875	21.800	6864.160	6885.960	---	---
	Ant2	6875	21.520	6864.240	6885.760	---	---
	Ant3	6875	21.520	6864.200	6885.720	---	---
	Ant4	6875	21.720	6864.120	6885.840	---	---
	Ant1	6895	21.600	6884.120	6905.720	---	---
	Ant2	6895	21.640	6884.160	6905.800	---	---
	Ant3	6895	21.440	6884.280	6905.720	---	---
	Ant4	6895	21.600	6884.160	6905.760	---	---
	Ant1	6995	21.680	6984.080	7005.760	---	---
	Ant2	6995	21.680	6984.120	7005.800	---	---
	Ant3	6995	21.520	6984.240	7005.760	---	---
	Ant4	6995	21.800	6984.040	7005.840	---	---
	Ant1	7115	21.880	7104.120	7126.000	---	---
	Ant2	7115	21.880	7104.000	7125.880	---	---
	Ant3	7115	21.480	7104.280	7125.760	---	---
	Ant4	7115	21.640	7104.160	7125.800	---	---
11BE40MIMO	Ant1	5965	41.040	5944.440	5985.480	---	---
	Ant2	5965	40.320	5944.920	5985.240	---	---
	Ant3	5965	40.400	5944.840	5985.240	---	---
	Ant4	5965	40.240	5944.920	5985.160	---	---

	Ant1	6165	40.880	6144.520	6185.400	---	---
	Ant2	6165	40.400	6144.840	6185.240	---	---
	Ant3	6165	40.320	6144.840	6185.160	---	---
	Ant4	6165	40.560	6144.760	6185.320	---	---
	Ant1	6405	41.120	6384.360	6425.480	---	---
	Ant2	6405	40.160	6384.840	6425.000	---	---
	Ant3	6405	40.400	6384.760	6425.160	---	---
	Ant4	6405	40.480	6384.680	6425.160	---	---
	Ant1	6445	41.120	6424.360	6465.480	---	---
	Ant2	6445	40.160	6424.840	6465.000	---	---
	Ant3	6445	40.640	6424.600	6465.240	---	---
	Ant4	6445	40.240	6424.840	6465.080	---	---
	Ant1	6485	40.960	6464.440	6505.400	---	---
	Ant2	6485	40.160	6464.840	6505.000	---	---
	Ant3	6485	40.480	6464.680	6505.160	---	---
	Ant4	6485	40.480	6464.600	6505.080	---	---
	Ant1	6525	41.040	6504.440	6545.480	---	---
	Ant2	6525	40.400	6504.840	6545.240	---	---
	Ant3	6525	40.400	6504.760	6545.160	---	---
	Ant4	6525	40.400	6504.680	6545.080	---	---
	Ant1	6565	41.040	6544.360	6585.400	---	---
	Ant2	6565	40.240	6544.840	6585.080	---	---
	Ant3	6565	40.000	6545.000	6585.000	---	---
	Ant4	6565	40.400	6544.680	6585.080	---	---
	Ant1	6685	41.040	6664.360	6705.400	---	---
	Ant2	6685	40.400	6664.680	6705.080	---	---
	Ant3	6685	40.320	6664.760	6705.080	---	---
	Ant4	6685	40.480	6664.760	6705.240	---	---
	Ant1	6845	40.880	6824.520	6865.400	---	---
	Ant2	6845	40.640	6824.680	6865.320	---	---
	Ant3	6845	40.560	6824.680	6865.240	---	---
	Ant4	6845	40.400	6824.680	6865.080	---	---
	Ant1	6885	40.960	6864.440	6905.400	---	---
	Ant2	6885	40.720	6864.680	6905.400	---	---
	Ant3	6885	40.400	6864.760	6905.160	---	---
	Ant4	6885	40.640	6864.600	6905.240	---	---
	Ant1	6925	41.040	6904.360	6945.400	---	---
	Ant2	6925	40.480	6904.680	6945.160	---	---
	Ant3	6925	40.480	6904.680	6945.160	---	---
	Ant4	6925	40.480	6904.680	6945.160	---	---
	Ant1	6965	40.960	6944.440	6985.400	---	---
	Ant2	6965	40.240	6944.840	6985.080	---	---
	Ant3	6965	40.240	6944.840	6985.080	---	---

	Ant4	6965	40.400	6944.760	6985.160	---	---
	Ant1	7085	41.040	7064.360	7105.400	---	---
	Ant2	7085	40.400	7064.760	7105.160	---	---
	Ant3	7085	40.080	7064.920	7105.000	---	---
	Ant4	7085	40.560	7064.600	7105.160	---	---
11BE80MIMO	Ant1	5985	82.080	5944.200	6026.280	---	---
	Ant2	5985	81.440	5944.360	6025.800	---	---
	Ant3	5985	81.280	5944.200	6025.480	---	---
	Ant4	5985	81.600	5944.360	6025.960	---	---
	Ant1	6145	82.080	6104.200	6186.280	---	---
	Ant2	6145	81.440	6104.360	6185.800	---	---
	Ant3	6145	81.440	6104.200	6185.640	---	---
	Ant4	6145	81.600	6104.360	6185.960	---	---
	Ant1	6385	81.760	6344.360	6426.120	---	---
	Ant2	6385	81.600	6344.040	6425.640	---	---
	Ant3	6385	81.440	6344.360	6425.800	---	---
	Ant4	6385	81.440	6344.360	6425.800	---	---
	Ant1	6465	81.920	6424.200	6506.120	---	---
	Ant2	6465	81.280	6424.200	6505.480	---	---
	Ant3	6465	81.440	6424.360	6505.800	---	---
	Ant4	6465	81.440	6424.360	6505.800	---	---
	Ant1	6545	81.920	6504.360	6586.280	---	---
	Ant2	6545	81.120	6504.360	6585.480	---	---
	Ant3	6545	81.120	6504.520	6585.640	---	---
	Ant4	6545	81.600	6504.040	6585.640	---	---
	Ant1	6625	81.920	6584.200	6666.120	---	---
	Ant2	6625	81.280	6584.200	6665.480	---	---
	Ant3	6625	81.280	6583.880	6665.160	---	---
	Ant4	6625	81.760	6584.040	6665.800	---	---
	Ant1	6705	81.920	6664.200	6746.120	---	---
	Ant2	6705	81.280	6664.520	6745.800	---	---
	Ant3	6705	81.600	6664.200	6745.800	---	---
	Ant4	6705	81.600	6664.200	6745.800	---	---
	Ant1	6785	82.080	6744.040	6826.120	---	---
	Ant2	6785	81.600	6744.200	6825.800	---	---
	Ant3	6785	81.280	6744.520	6825.800	---	---
	Ant4	6785	82.240	6743.720	6825.960	---	---
	Ant1	6865	82.080	6824.040	6906.120	---	---
	Ant2	6865	80.960	6824.520	6905.480	---	---
	Ant3	6865	81.120	6824.520	6905.640	---	---
	Ant4	6865	81.440	6824.360	6905.800	---	---
	Ant1	6945	81.920	6904.200	6986.120	---	---
	Ant2	6945	81.600	6904.040	6985.640	---	---

	Ant3	6945	81.440	6904.360	6985.800	---	---
	Ant4	6945	81.600	6904.360	6985.960	---	---
	Ant1	7025	81.760	6984.200	7065.960	---	---
	Ant2	7025	81.600	6984.040	7065.640	---	---
	Ant3	7025	81.760	6984.040	7065.800	---	---
	Ant4	7025	81.920	6984.040	7065.960	---	---
11BE160MIMO	Ant1	6025	163.520	5943.400	6106.920	---	---
	Ant2	6025	162.880	5943.720	6106.600	---	---
	Ant3	6025	163.520	5943.080	6106.600	---	---
	Ant4	6025	163.200	5943.720	6106.920	---	---
	Ant1	6185	163.840	6103.400	6267.240	---	---
	Ant2	6185	163.200	6103.400	6266.600	---	---
	Ant3	6185	163.200	6103.080	6266.280	---	---
	Ant4	6185	163.200	6103.400	6266.600	---	---
	Ant1	6345	163.200	6263.400	6426.600	---	---
	Ant2	6345	164.480	6262.120	6426.600	---	---
	Ant3	6345	163.200	6263.400	6426.600	---	---
	Ant4	6345	163.840	6263.080	6426.920	---	---
	Ant1	6505	165.120	6422.760	6587.880	---	---
	Ant2	6505	163.840	6423.080	6586.920	---	---
	Ant3	6505	162.880	6423.720	6586.600	---	---
	Ant4	6505	163.520	6423.080	6586.600	---	---
	Ant1	6665	163.840	6583.080	6746.920	---	---
	Ant2	6665	163.200	6583.080	6746.280	---	---
	Ant3	6665	163.520	6582.760	6746.280	---	---
	Ant4	6665	163.200	6583.400	6746.600	---	---
	Ant1	6825	163.520	6743.400	6906.920	---	---
	Ant2	6825	163.840	6742.760	6906.600	---	---
	Ant3	6825	163.840	6743.080	6906.920	---	---
	Ant4	6825	163.200	6743.080	6906.280	---	---
	Ant1	6985	163.520	6903.080	7066.600	---	---
	Ant2	6985	164.160	6902.760	7066.920	---	---
	Ant3	6985	163.520	6903.080	7066.600	---	---
	Ant4	6985	163.200	6903.400	7066.600	---	---
11BE320MIMO	Ant1	6105	330.880	5941.160	6272.040	---	---
	Ant2	6105	328.960	5941.160	6270.120	---	---
	Ant3	6105	331.520	5940.520	6272.040	---	---
	Ant4	6105	327.040	5942.440	6269.480	---	---
	Ant1	6265	328.320	6100.520	6428.840	---	---
	Ant2	6265	327.680	6100.520	6428.200	---	---
	Ant3	6265	328.320	6100.520	6428.840	---	---
	Ant4	6265	327.040	6101.160	6428.200	---	---
	Ant1	6585	329.600	6419.880	6749.480	---	---

	Ant2	6585	326.400	6421.160	6747.560	---	---
	Ant3	6585	327.040	6421.160	6748.200	---	---
	Ant4	6585	327.680	6420.520	6748.200	---	---
	Ant1	6745	329.600	6579.880	6909.480	---	---
	Ant2	6745	328.960	6579.880	6908.840	---	---
	Ant3	6745	329.600	6579.240	6908.840	---	---
	Ant4	6745	327.680	6580.520	6908.200	---	---
	Ant1	6905	330.240	6739.240	7069.480	---	---
	Ant2	6905	327.680	6740.520	7068.200	---	---
	Ant3	6905	344.320	6741.160	7085.480	---	---
	Ant4	6905	345.600	6740.520	7086.120	---	---

Test Graphs

11A-CDD_Ant1_5955



11A-CDD_Ant2_5955



11A-CDD_Ant3_5955



11A-CDD_Ant4_5955



11A-CDD_Ant1_6175



11A-CDD_Ant2_6175



11A-CDD_Ant3_6175



11A-CDD_Ant4_6175



11A-CDD_Ant1_6415



11A-CDD_Ant2_6415

