

## 4.5 Power Spectral Density

#### 4.5.1 Test Specification

## 4.5.2 Test Instruments

RF Test Room					
Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 20, 2024	Feb. 19, 2025
Spectrum analyzer	Agilent	N9020A	HKE-117	Feb. 20, 2024	Feb. 19, 2025
RF cable	Times	1-40G	HKE-034	Feb. 20, 2024	Feb. 19, 2025
RF automatic control unit	Tonscend	JS0806-2	HKE-060	Feb. 20, 2024	Feb. 19, 2025
RF Test Software	Tonscend	JS1120-3 Version 3.5.39	HKE-083	N/A	N/A

**Note:** The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

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#### 4.5.3 Test Data

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ANT. 1

**Configuration Band IV (5725 - 5850 MHz)**

Mode	Test channel	Level [dBm/510kHz]	10log(500/510)	Power Spectral Density	Limit (dBm/500kHz)	Result
802.11a	CH149	1.96	-0.086	1.874	30	PASS
802.11a	CH157	2.47	-0.086	2.384	30	PASS
802.11a	CH165	2.88	-0.086	2.794	30	PASS
802.11n(HT20)	CH149	1.85	-0.086	1.764	30	PASS
802.11n(HT20)	CH157	1.38	-0.086	1.294	30	PASS
802.11n(HT20)	CH165	1.78	-0.086	1.694	30	PASS
802.11n(HT40)	CH151	-1.81	-0.086	-1.896	30	PASS
802.11n(HT40)	CH159	-1.01	-0.086	-1.096	30	PASS
802.11ac(HT20)	CH149	1.78	-0.086	1.694	30	PASS
802.11ac(HT20)	CH157	3.87	-0.086	3.784	30	PASS
802.11ac(HT20)	CH165	2.91	-0.086	2.824	30	PASS
802.11ac(HT40)	CH151	-0.48	-0.086	-0.566	30	PASS
802.11ac(HT40)	CH159	0.68	-0.086	0.594	30	PASS
802.11ac(HT80)	CH155	-0.39	-0.086	-0.476	30	PASS

**Note: 1. Power Spectral Density= Level [dBm/510kHz]+ (10log(Limit RBW/Test RBW))****2. Instrument attenuation and cable loss See test diagram****Test plots as follows:**

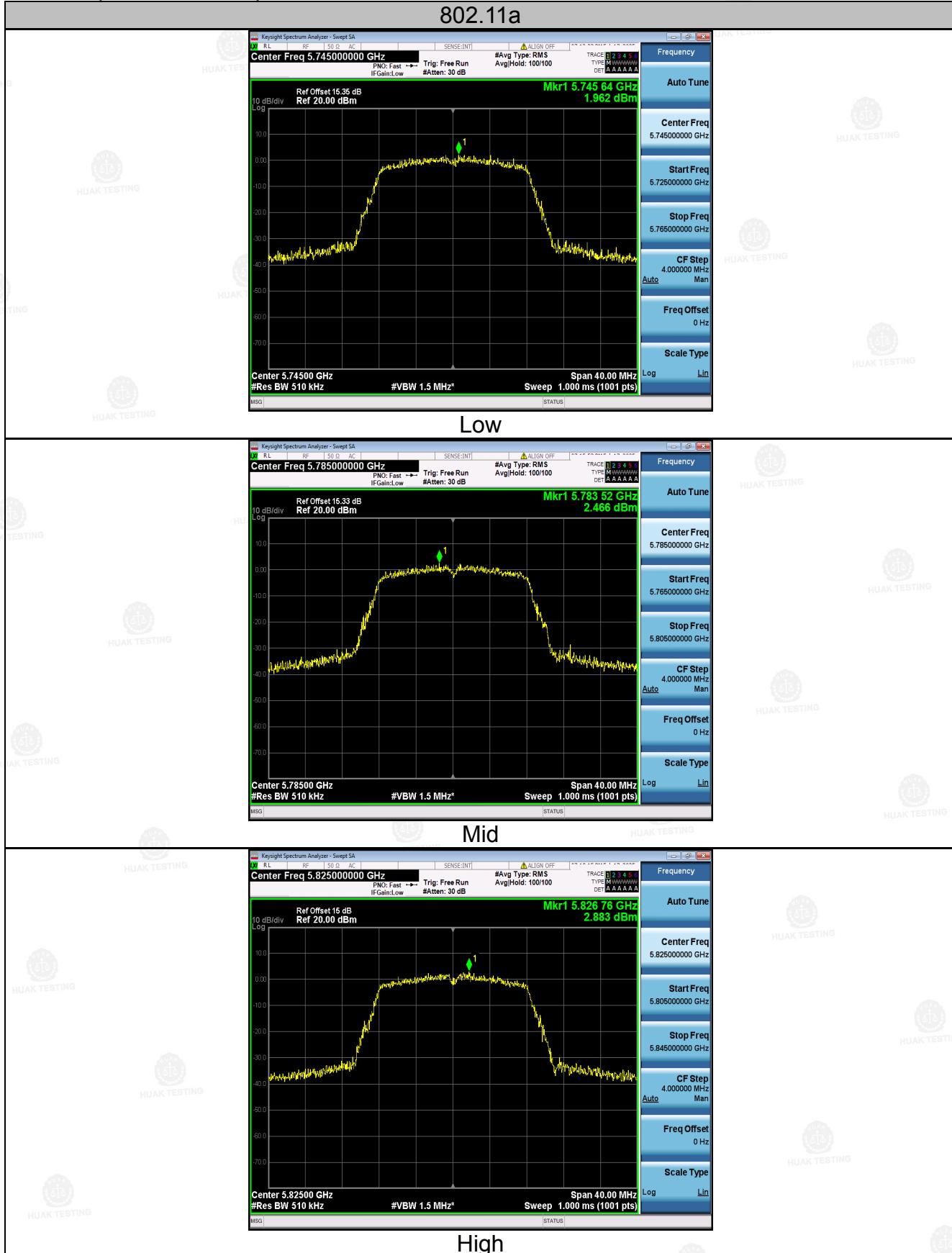
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## Band IV (5725 – 5850MHz)

802.11a



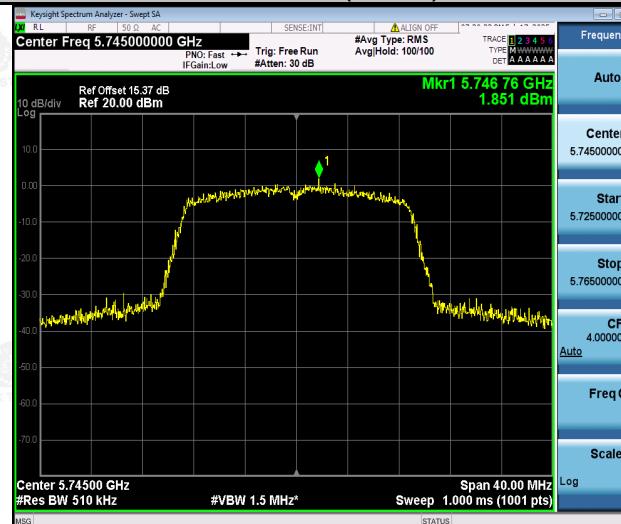
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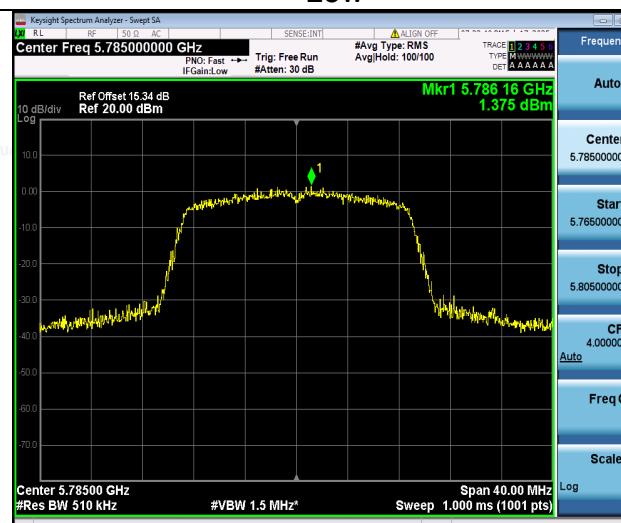
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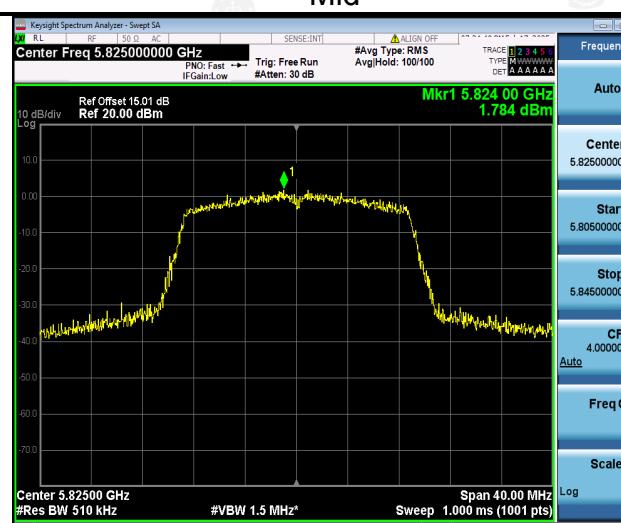
## 802.11n(HT20)



LOW



Mid



High

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## 802.11n(HT40)



LOW



High

## 802.11ac(HT20)

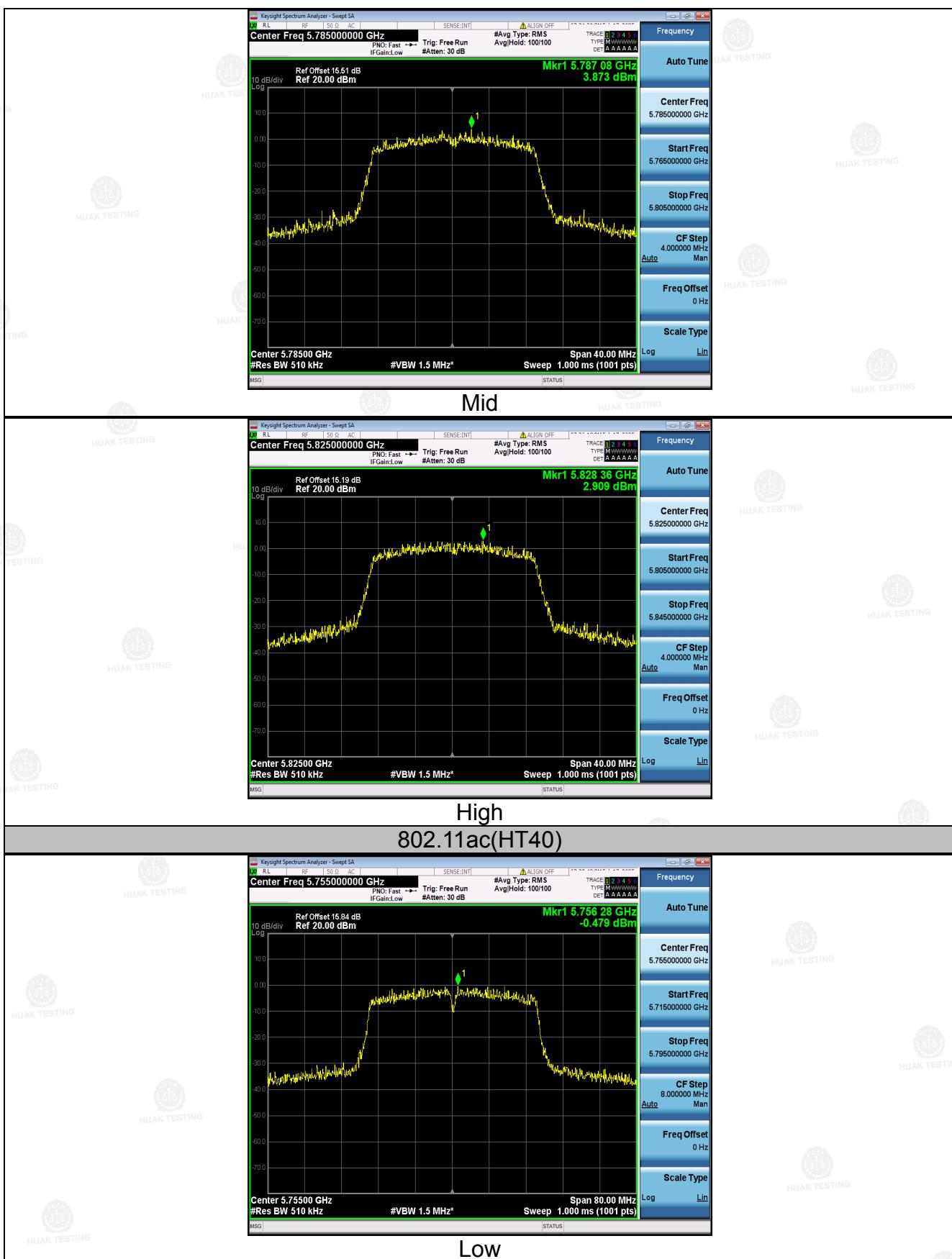


LOW

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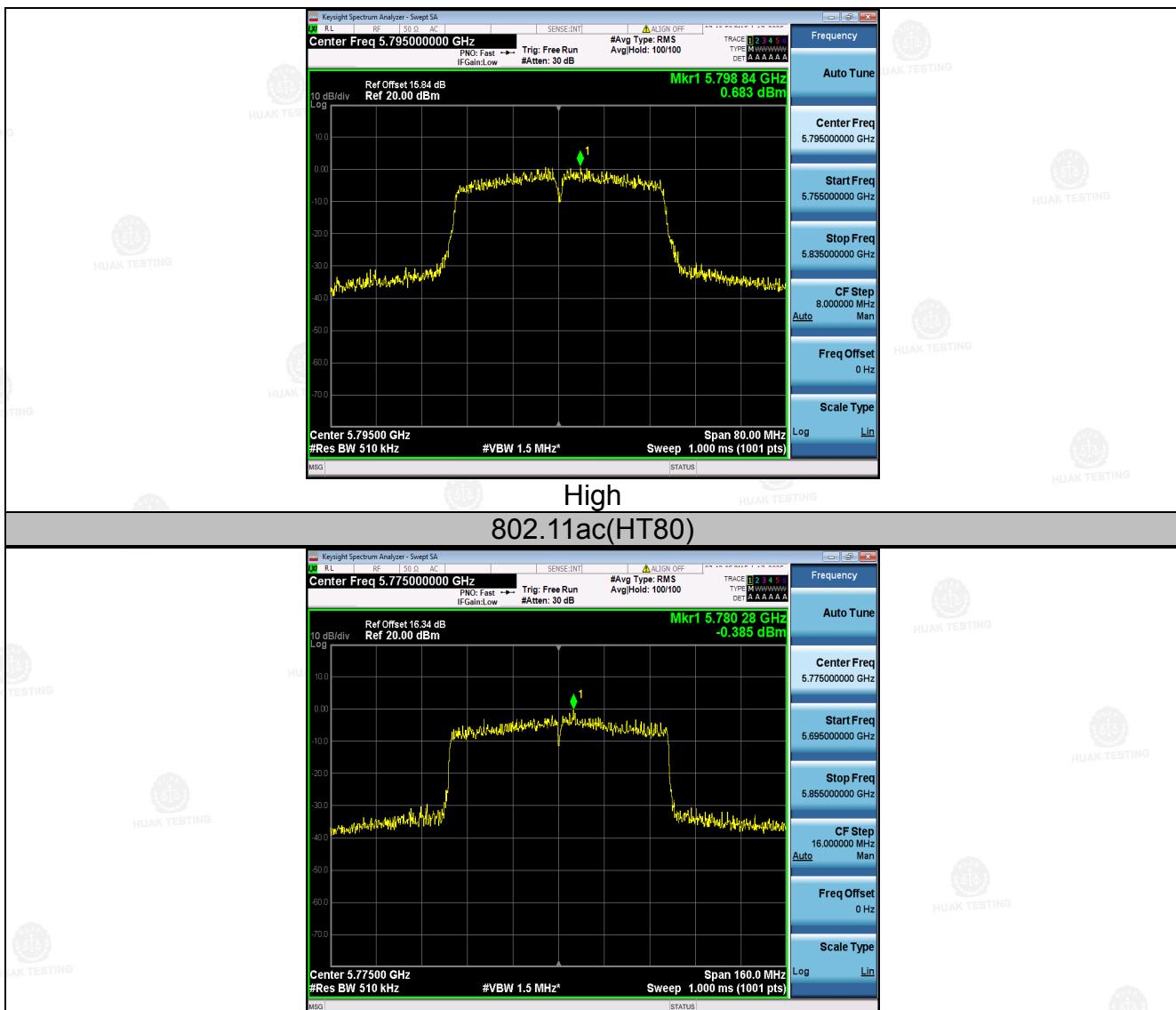
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## Band IV (5725 – 5850MHz)

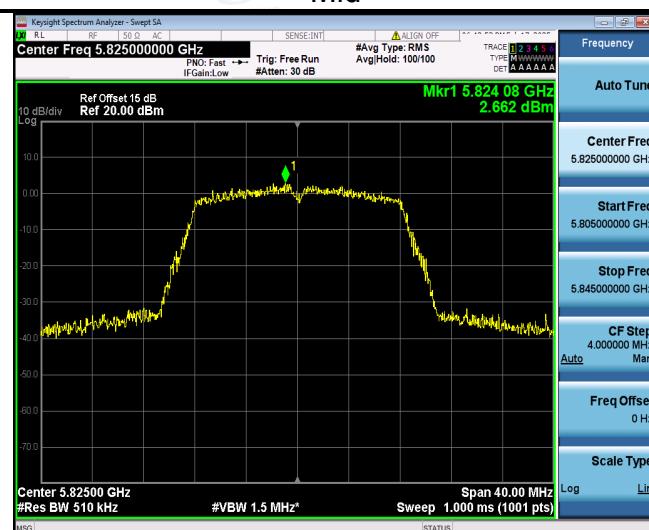
802.11a



Low



Mid



High

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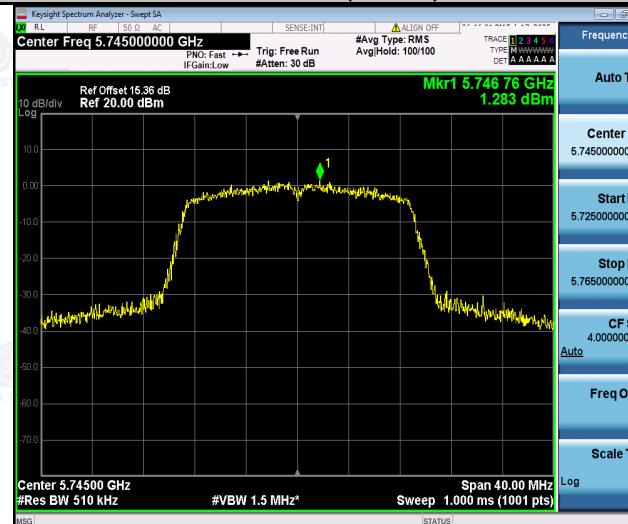
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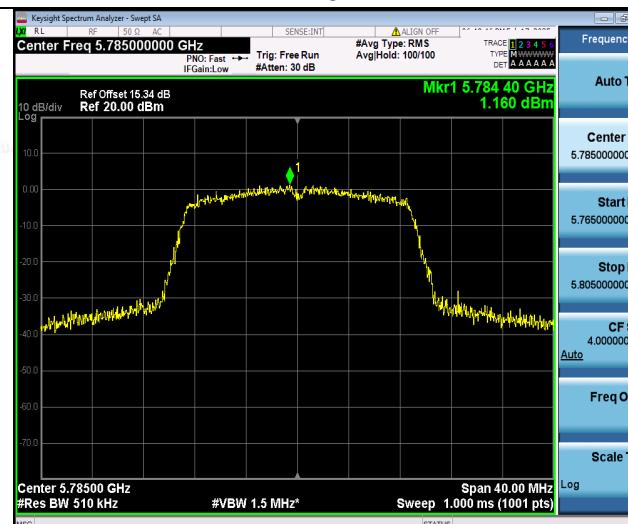
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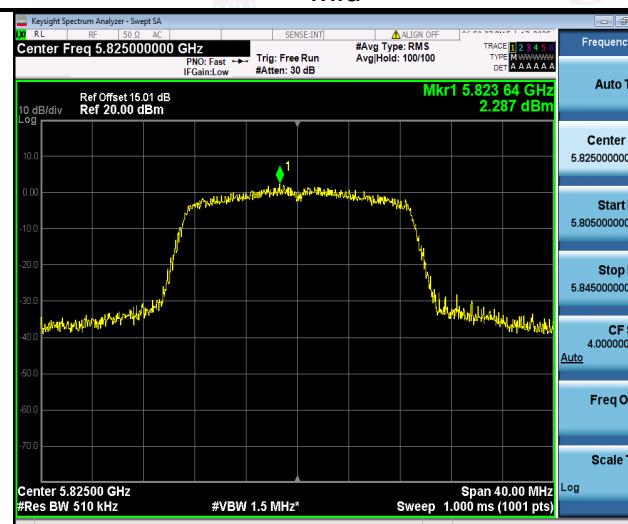
## 802.11n(HT20)



LOW



Mid



High

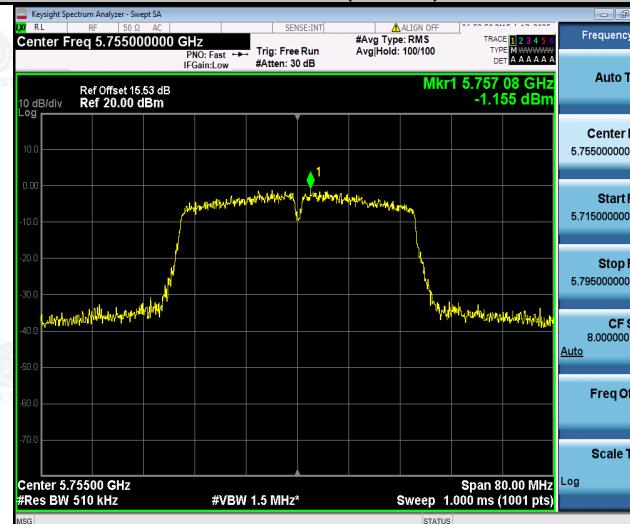
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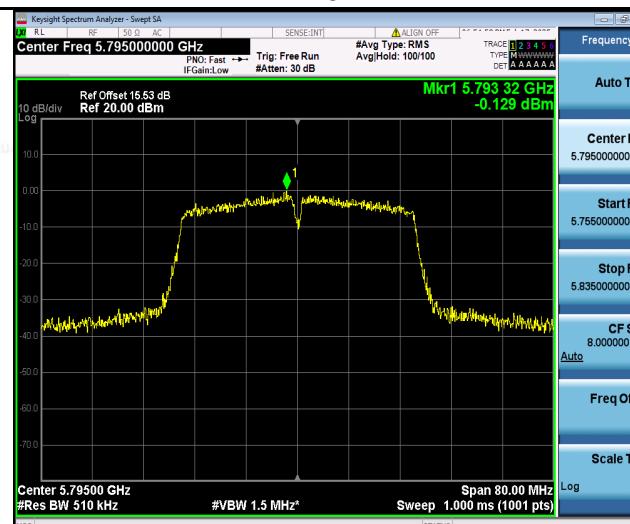
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## 802.11n(HT40)

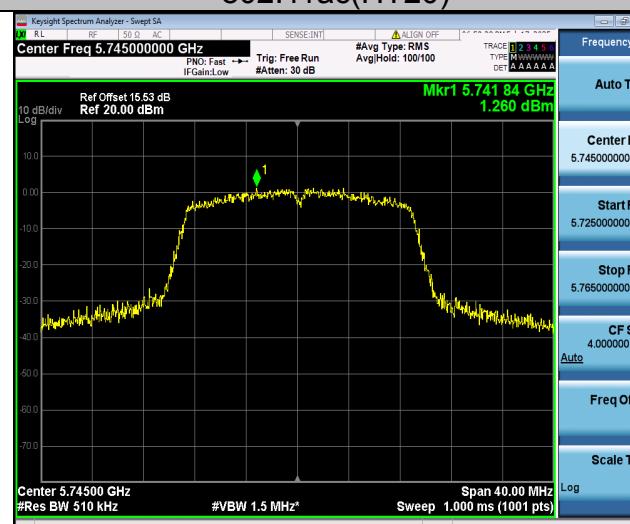


LOW



High

## 802.11ac(HT20)

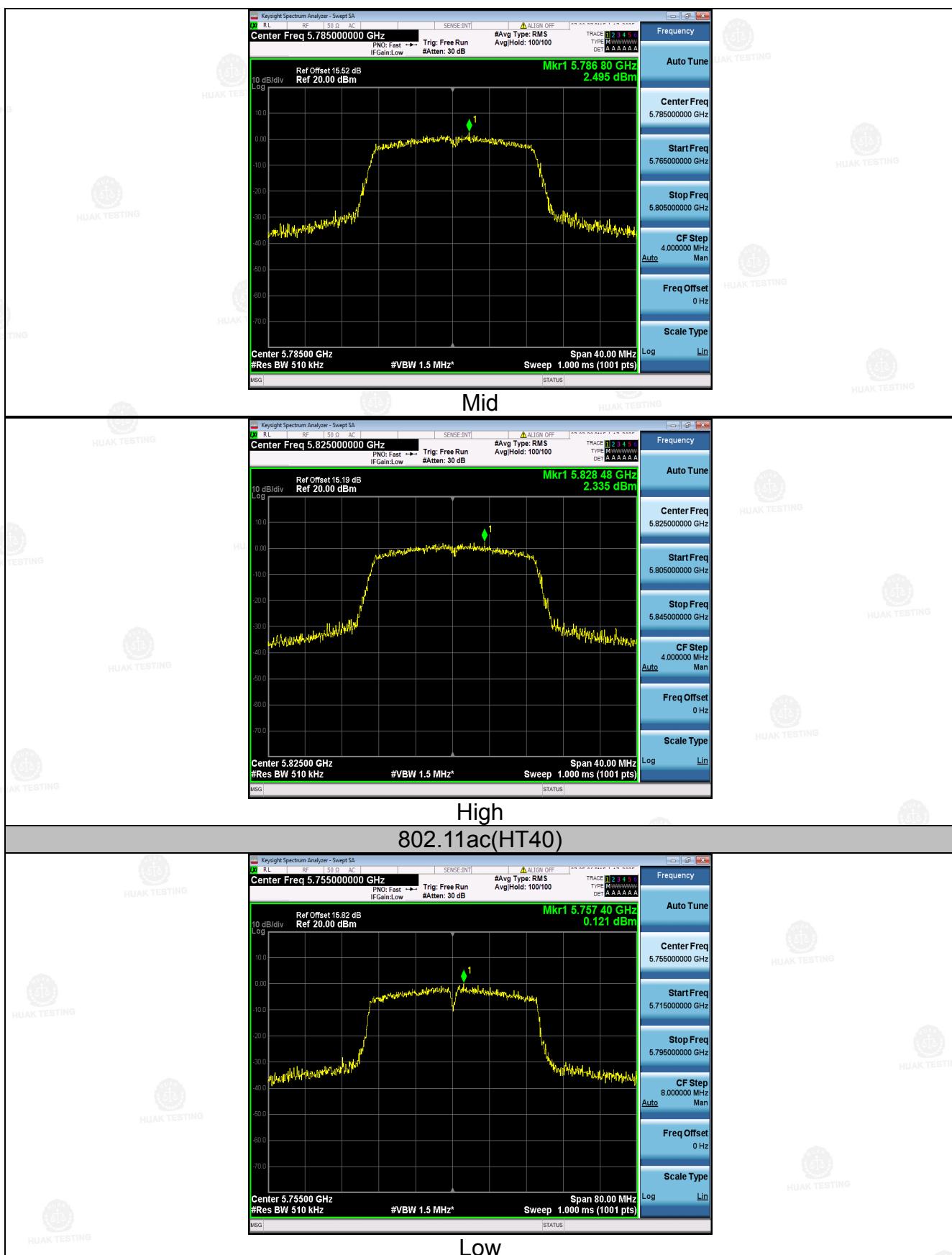


LOW

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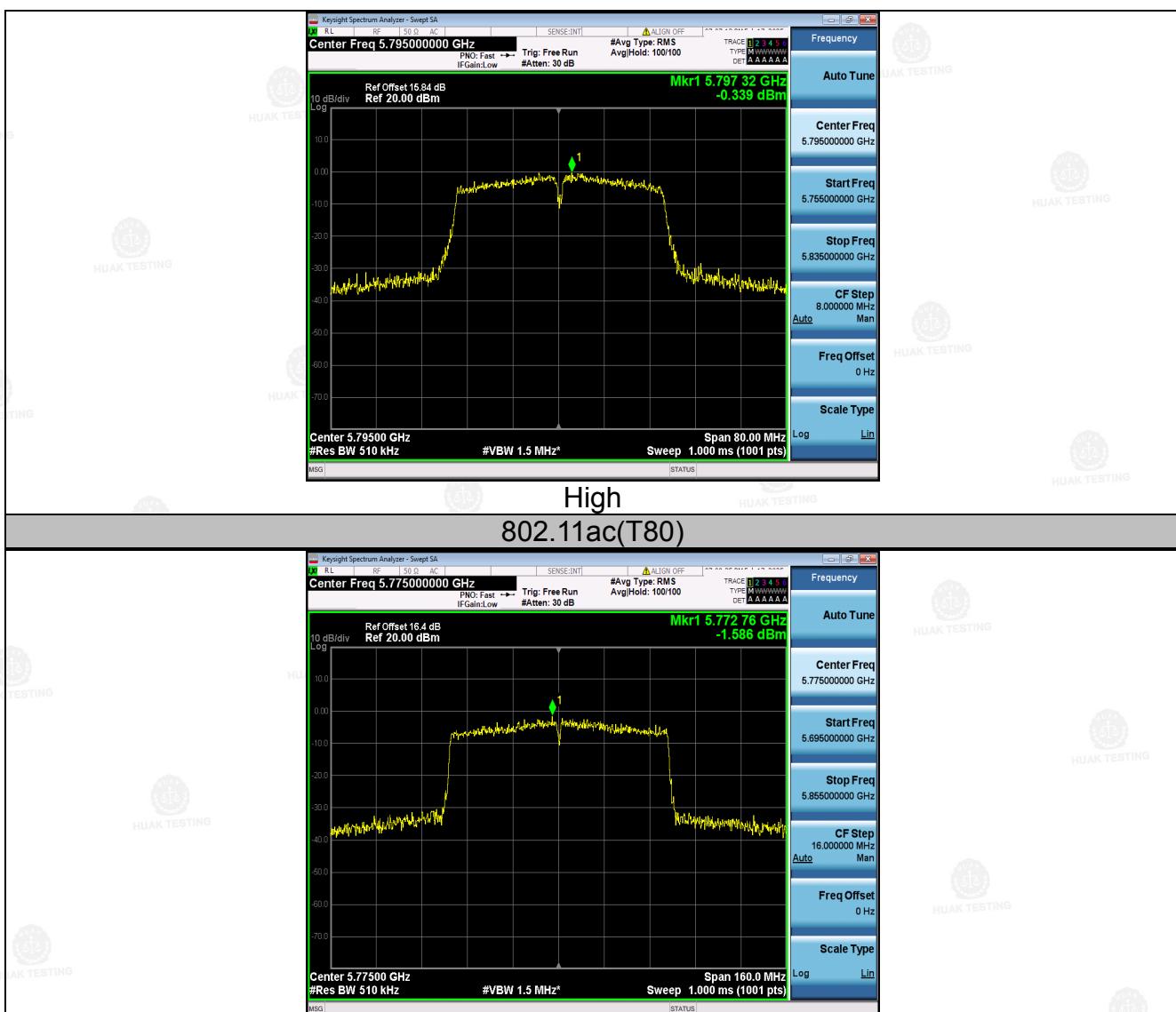
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**For MIMO antenna port 1+antenna port 2**

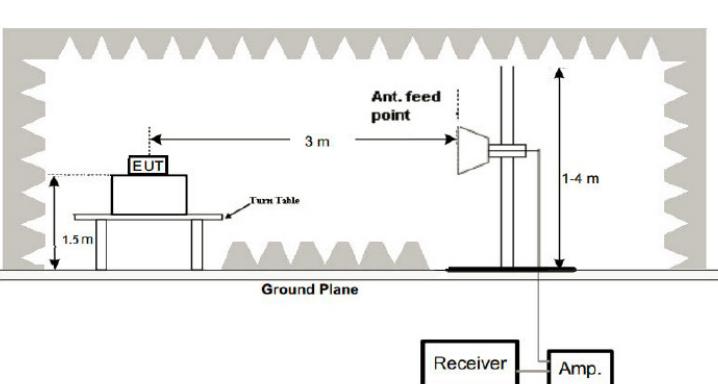
**Configuration Band IV (5725 - 5850 MHz)**

Mode	Test Channel	Power Density (dBm)	Limit (dBm)	Result
802.11n(HT20)	CH149	4.50	27.86	PASS
802.11n(HT20)	CH157	4.20	27.86	PASS
802.11n(HT20)	CH161	4.97	27.86	PASS
802.11n(HT40)	CH151	1.45	27.86	PASS
802.11n(HT40)	CH159	2.38	27.86	PASS
802.11ac(HT20)	CH149	4.45	27.86	PASS
802.11ac(HT20)	CH157	6.16	27.86	PASS
802.11ac(HT20)	CH161	5.56	27.86	PASS
802.11ac(HT40)	CH151	2.75	27.86	PASS
802.11ac(HT40)	CH159	3.12	27.86	PASS
802.11ac(HT80)	CH155	1.98	27.86	PASS
	<p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. According to KDB 662911, Result power = <math>10\log(10^{(\text{ant1}/10)} + 10^{(\text{ant2}/10)})</math>.</li> <li>2. Result unit: W, The end result is converted to units of dBm.</li> </ol> <p>Limit=30dBm-(direction gain-6dBi)= 27.86dBm</p>			

**Note:** This product supports antenna 1 and antenna 2 launch, but only support 802.11 n/ac/ax for MIMO mode, not support 802.11 a for MIMO mode.

## 4.6 Band Edge

#### 4.6.1 Test Specification

<b>Test Requirement:</b>	FCC CFR47 Part 15E Section 15.407
<b>Test Method:</b>	ANSI C63.10: 2020
<b>Limit:</b>	<p>(1) For transmitters operating in the 5.725-5.85 GHz band:</p> <p>(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>The limit of frequency below 1GHz and which fall in restricted bands should complies 15.209.</p>
<b>Test Setup:</b>	
<b>Test Mode:</b>	Transmitting mode with modulation



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<b>Test Procedure:</b>	<p>1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</p> <p>2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</p> <p>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</p> <p>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</p> <p>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</p> <p>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi peak or average method as specified and then reported in a data sheet.</p>
<b>Test Result:</b>	PASS



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## 4.6.2 Test Instruments

Radiated Emission Test Site (966)					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Spectrum analyzer	Agilent	N9020A	HKE-025	Feb. 20, 2024	Feb. 19, 2025
Spectrum analyzer	Agilent	N9020A	HKE-117	Feb. 20, 2024	Feb. 19, 2025
Spectrum analyzer	R&S	FSV3044	HKE-126	Feb. 20, 2024	Feb. 19, 2025
Preamplifier	EMCI	EMC051845S	HKE-006	Feb. 20, 2024	Feb. 19, 2025
Preamplifier	Schwarzbeck	BBV 9743	HKE-016	Feb. 20, 2024	Feb. 19, 2025
Preamplifier	A.H. Systems	SAS-574	HKE-182	Feb. 20, 2024	Feb. 19, 2025
6dB Attenuator	Pasternack	6db	HKE-184	Feb. 20, 2024	Feb. 19, 2025
EMI Test Receiver	Rohde & Schwarz	ESR-7	HKE-010	Feb. 20, 2024	Feb. 19, 2025
Broadband Antenna	Schwarzbeck	VULB9168	HKE-167	Feb. 21, 2024	Feb. 20, 2026
Loop Antenna	COM-POWER	AL-130R	HKE-014	Feb. 21, 2024	Feb. 20, 2026
Horn Antenna	Schwarzbeck	9120D	HKE-013	Feb. 21, 2024	Feb. 20, 2026
EMI Test Software	Tonscend	JS32-RE 5.0.0	HKE-082	N/A	N/A
RSE Test Software	Tonscend	JS36-RSE 5.0.0	HKE-184	N/A	N/A

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### 4.6.3 Test Data

All modes of operation were investigated and the worst-case emissions of ANT.2 are reported.

Operation Mode: 802.11a Mode with 5.8G TX CH Low

## Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	53.19	-2.06	51.13	68.2	-17.07	peak
5700	87.24	-1.96	85.28	105.2	-19.92	peak
5720	95.33	-2.87	92.46	110.8	-18.34	peak
5725	109.86	-2.14	107.72	122.2	-14.48	peak

## Vertical::

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
5650	58.07	-2.06	56.01	68.2	-12.19	peak
5700	87.52	-1.96	85.56	105.2	-19.64	peak
5720	94.14	-2.87	91.27	110.8	-19.53	peak
5725	110.08	-2.14	107.94	122.2	-14.26	peak

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	109.93	-1.97	107.96	122.2	-14.24	peak
5855	94.24	-2.13	92.11	110.8	-18.69	peak
5875	86.13	-2.65	83.48	105.2	-21.72	peak
5925	51.26	-2.28	48.98	68.2	-19.22	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	103.45	-1.97	101.48	122.2	-20.72	peak
5855	93.22	-2.13	91.09	110.8	-19.71	peak
5875	87.16	-2.65	84.51	105.2	-20.69	peak
5925	54.39	-2.28	52.11	68.2	-16.09	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	109.88	-1.97	107.91	122.2	-14.29	peak
5855	93.24	-2.13	91.11	110.8	-19.69	peak
5875	97.19	-2.65	94.54	105.2	-10.66	peak
5925	53.13	-2.28	50.85	68.2	-17.35	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	107.86	-1.97	105.89	122.2	-16.31	peak
5855	94.07	-2.13	91.94	110.8	-18.86	peak
5875	88.94	-2.65	86.29	105.2	-18.91	peak
5925	56.25	-2.28	53.97	68.2	-14.23	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	58.13	-2.06	56.07	68.2	-12.13	peak
5700	91.52	-1.96	89.56	105.2	-15.64	peak
5720	93.09	-2.87	90.22	110.8	-20.58	peak
5725	110.97	-2.14	108.83	122.2	-13.37	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	58.83	-2.06	56.77	68.2	-11.43	peak
5700	91.44	-1.96	89.48	105.2	-15.72	peak
5720	98.51	-2.87	95.64	110.8	-15.16	peak
5725	111.07	-2.14	108.93	122.2	-13.27	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**HUAK TESTING**

HUAK TESTING

**Operation Mode: TX CH High with 5.8G**

Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	106.19	-1.97	104.22	122.2	-17.98	peak
5855	92.25	-2.13	90.12	110.8	-20.68	peak
5875	88.73	-2.65	86.08	105.2	-19.12	peak
5925	53.96	-2.28	51.68	68.2	-16.52	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	106.78	-1.97	104.81	122.2	-17.39	peak
5855	92.51	-2.13	90.38	110.8	-20.42	peak
5875	87.37	-2.65	84.72	105.2	-20.48	peak
5925	53.09	-2.28	50.81	68.2	-17.39	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**HUAK TESTING**

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	56.45	-2.06	54.39	68.2	-13.81	peak
5700	87.13	-1.96	85.17	105.2	-20.03	peak
5720	95.26	-2.87	92.39	110.8	-18.41	peak
5725	108.76	-2.14	106.62	122.2	-15.58	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	59.82	-2.06	57.76	68.2	-10.44	peak
5700	90.15	-1.96	88.19	105.2	-17.01	peak
5720	94.93	-2.87	92.06	110.8	-18.74	peak
5725	110.18	-2.14	108.04	122.2	-14.16	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	110.92	-1.97	108.95	122.2	-13.25	peak
5855	94.14	-2.13	92.01	110.8	-18.79	peak
5875	88.28	-2.65	85.63	105.2	-19.57	peak
5925	53.46	-2.28	51.18	68.2	-17.02	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	109.93	-1.97	107.96	122.2	-14.24	peak
5855	93.42	-2.13	91.29	110.8	-19.51	peak
5875	87.12	-2.65	84.47	105.2	-20.73	peak
5925	55.38	-2.28	53.1	68.2	-15.1	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	57.55	-2.06	55.49	68.2	-12.71	peak
5700	88.19	-1.96	86.23	105.2	-18.97	peak
5720	92.02	-2.87	89.15	110.8	-21.65	peak
5725	109.73	-2.14	107.59	122.2	-14.61	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	55.82	-2.06	53.76	68.2	-14.44	peak
5700	87.51	-1.96	85.55	105.2	-19.65	peak
5720	93.49	-2.87	90.62	110.8	-20.18	peak
5725	110.23	-2.14	108.09	122.2	-14.11	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	112.96	-1.97	110.99	122.2	-11.21	peak
5855	92.17	-2.13	90.04	110.8	-20.76	peak
5875	87.29	-2.65	84.64	105.2	-20.56	peak
5925	56.06	-2.28	53.78	68.2	-14.42	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	112.84	-1.97	110.87	122.2	-11.33	peak
5855	92.22	-2.13	90.09	110.8	-20.71	peak
5875	88.09	-2.65	85.44	105.2	-19.76	peak
5925	58.75	-2.28	56.47	68.2	-11.73	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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Operation Mode: 802.11ac80 Mode with 5.8G TX CH Low

Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	56.94	-2.06	54.88	68.2	-13.32	peak
5700	88.12	-1.96	86.16	105.2	-19.04	peak
5720	93.29	-2.87	90.42	110.8	-20.38	peak
5725	108.02	-2.14	105.88	122.2	-16.32	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5650	57.83	-2.06	55.77	68.2	-12.43	peak
5700	89.17	-1.96	87.21	105.2	-17.99	peak
5720	94.58	-2.87	91.71	110.8	-19.09	peak
5725	111.36	-2.14	109.22	122.2	-12.98	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**Horizontal:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	113.54	-1.97	111.57	122.2	-10.63	peak
5855	92.09	-2.13	89.96	110.8	-20.84	peak
5875	88.41	-2.65	85.76	105.2	-19.44	peak
5925	55.07	-2.28	52.79	68.2	-15.41	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
5850	109.95	-1.97	107.98	122.2	-14.22	peak
5855	93.26	-2.13	91.13	110.8	-19.67	peak
5875	88.51	-2.65	85.86	105.2	-19.34	peak
5925	55.24	-2.28	52.96	68.2	-15.24	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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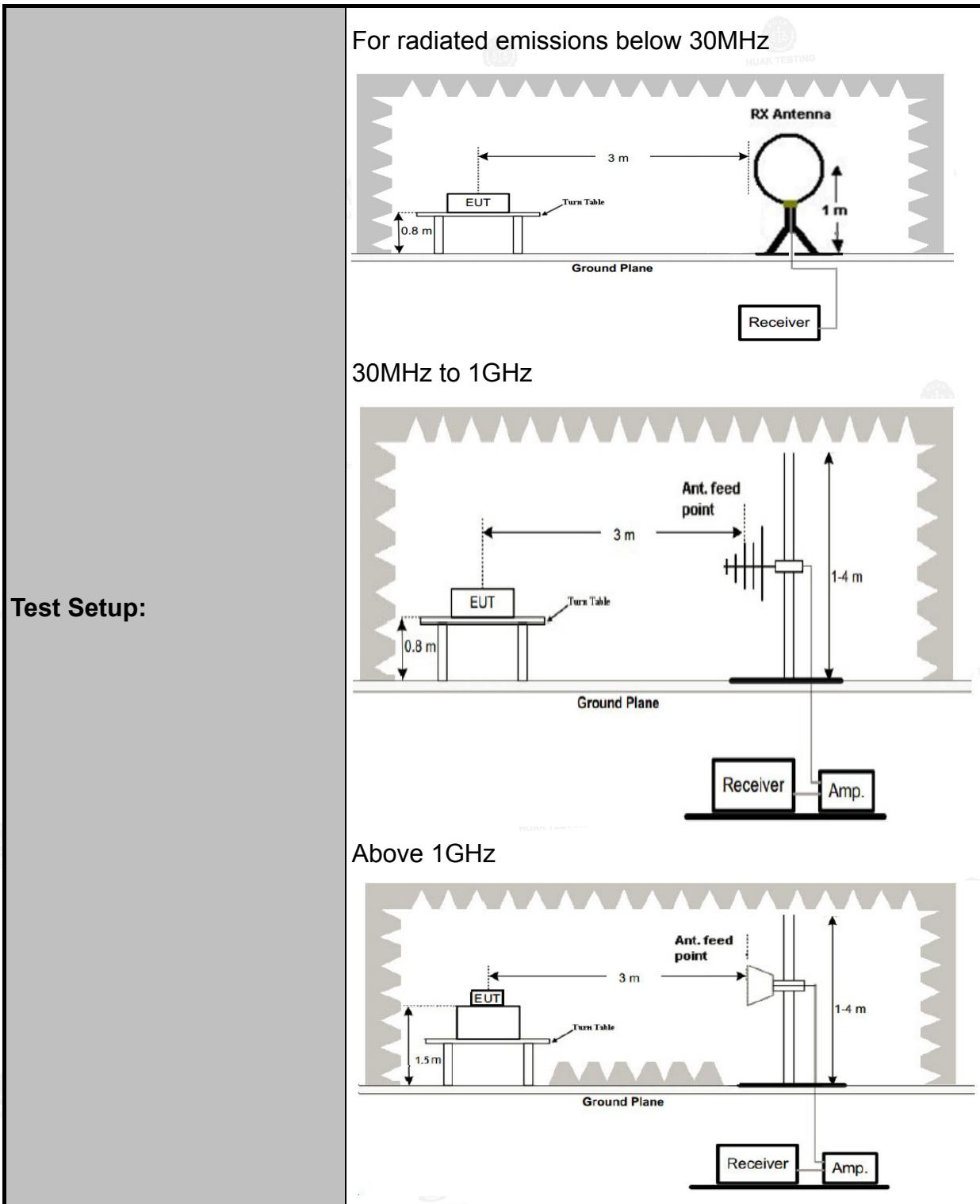
## HUAK TESTING

## 4.7 Spurious Emission

#### 4.7.1 Test Specification

<b>Test Requirement:</b>	FCC CFR47 Part 15 Section 15.407 & 15.209 & 15.205				
<b>Test Method:</b>	KDB 789033 D02 v02r01				
<b>Frequency Range:</b>	9kHz to 40GHz				
<b>Measurement Distance:</b>	3 m				
<b>Antenna Polarization:</b>	Horizontal & Vertical				
<b>Operation Mode:</b>	Transmitting mode with modulation				
<b>Receiver Setup:</b>	Frequency	Detector	RBW	VBW	Remark
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value
	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
		Peak	1MHz	10Hz	Average Value
<b>Limit:</b>	(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz. (4) For transmitters operating in the 5.725-5.85 GHz band: (i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. The limit of frequency below 1GHz and which fall in restricted bands should complies 15.209.				

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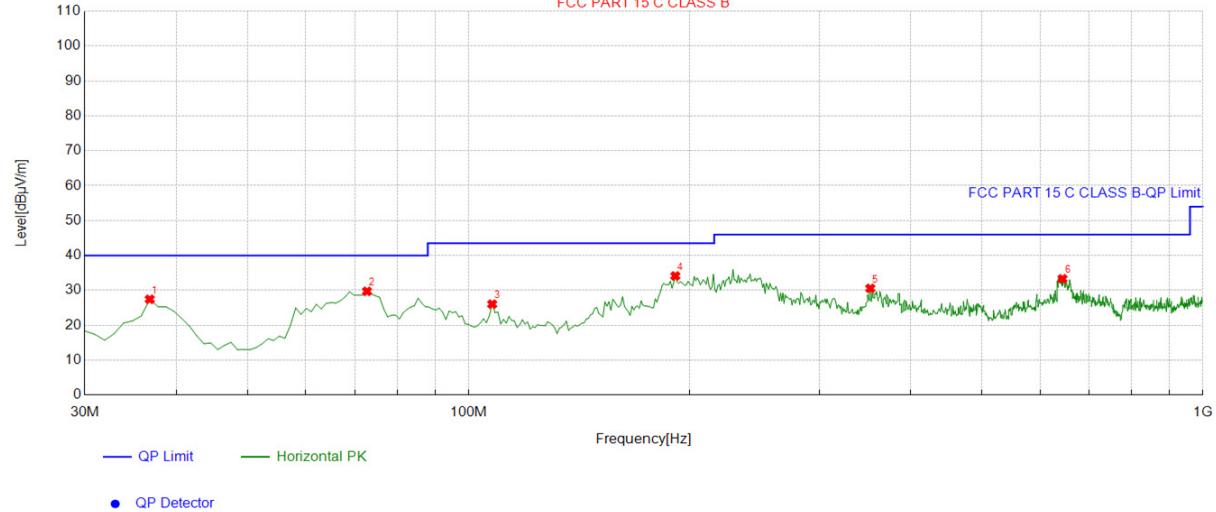


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**Horizontal**



#### Suspected List

NO.	Freq. [MHz]	Factor [dB]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.796797	-14.57	42.02	27.45	40.00	12.55	100	135	Horizontal
2	72.722723	-17.59	47.32	29.73	40.00	10.27	100	338	Horizontal
3	107.67767	-14.18	40.24	26.06	43.50	17.44	100	298	Horizontal
4	191.18118	-15.86	49.99	34.13	43.50	9.37	100	12	Horizontal
5	352.36236	-10.13	40.71	30.58	46.00	15.42	100	144	Horizontal
6	643.65365	-4.95	38.27	33.32	46.00	12.68	100	46	Horizontal

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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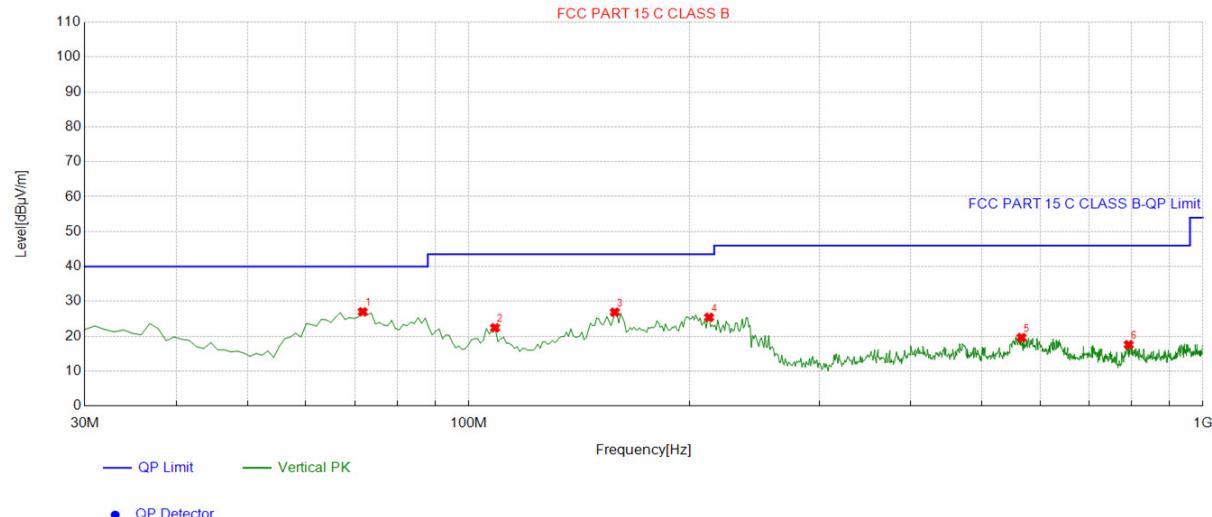
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## Vertical



### Suspected List

NO.	Freq. [MHz]	Factor [dB]	Reading [dB $\mu$ V/m]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	71.751752	-17.38	44.38	27.00	40.00	13.00	100	311	Vertical
2	108.64864	-14.02	36.45	22.43	43.50	21.07	100	258	Vertical
3	158.16816	-17.83	44.73	26.90	43.50	16.60	100	151	Vertical
4	212.54254	-14.82	40.24	25.42	43.50	18.08	100	189	Vertical
5	565.97597	-6.15	25.78	19.63	46.00	26.37	100	177	Vertical
6	792.21221	-3.25	20.84	17.59	46.00	28.41	100	139	Vertical

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

### Harmonics and Spurious Emissions

#### Frequency Range (9 kHz-30MHz)

Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Limit@3m (dB $\mu$ V/m)
--	--	--
--	--	--
--	--	--
--	--	--

**Note:** 1. Emission Level=Reading+ Cable loss-Antenna factor-Amp factor

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement

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Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3368	53.18	-4.59	48.59	68.2	-19.61	peak
11096	49.26	4.21	53.47	74	-20.53	peak
11096	38.58	4.21	42.79	54	-11.21	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3368	58.53	-4.59	53.94	68.2	-14.26	peak
11096	48.35	4.21	52.56	74	-21.44	peak
11096	36.02	4.21	40.23	54	-13.77	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**HUAK TESTING**

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Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	58.17	-4.59	53.58	68.2	-14.62	peak
10523	51.26	4.21	55.47	68.2	-12.73	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	57.83	-4.59	53.24	68.2	-14.96	peak
10523	52.54	4.21	56.75	68.2	-11.45	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
2705	57.92	-4.59	53.33	74	-20.67	peak
2705	49.86	-4.59	45.27	54	-8.73	AVG
11717	54.07	4.84	58.91	74	-15.09	peak
11717	36.53	4.84	41.37	54	-12.63	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
2705	59.24	-4.59	54.65	74	-19.35	peak
2705	44.18	-4.59	39.59	54	-14.41	AVG
11717	50.29	4.84	55.13	74	-18.87	peak
11717	38.15	4.84	42.99	54	-11.01	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not record in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dB $\mu$ V/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dB $\mu$ V/m(PK Value) <54 dB $\mu$ V/m(AV Limit), the Average Detected not need to completed.

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**HUAK TESTING**

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Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	61.05	-4.59	56.46	68.2	-11.74	peak
11096	57.93	4.21	62.14	74	-11.86	peak
11096	40.28	4.21	44.49	54	-9.51	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	63.72	-4.59	59.13	68.2	-9.07	peak
11096	55.32	4.21	59.53	74	-14.47	peak
11096	37.56	4.21	41.77	54	-12.23	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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MID CH157

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	62.12	-4.59	57.53	68.2	-10.67	peak
10523	53.17	4.21	57.38	68.2	-10.82	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	56.85	-4.59	52.26	68.2	-15.94	peak
10523	54.74	4.21	58.95	68.2	-9.25	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**HUAK TESTING**

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**HIGH CH165****Horizontal:**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
2705	59.33	-4.59	54.74	74	-19.26	peak
2705	48.71	-4.59	44.12	54	-9.88	AVG
11717	56.27	4.84	61.11	74	-12.89	peak
11717	38.15	4.84	42.99	54	-11.01	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
2705	60.89	-4.59	56.3	74	-17.7	peak
2705	47.07	-4.59	42.48	54	-11.52	AVG
11717	52.25	4.84	57.09	74	-16.91	peak
11717	37.17	4.84	42.01	54	-11.99	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Remark:**

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not record in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dB $\mu$ V/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dB $\mu$ V/m(PK Value) <54 dB $\mu$ V/m(AV Limit), the Average Detected not need to completed.

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Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	62.24	-4.59	57.65	68.2	-10.55	peak
11096	57.18	4.21	61.39	74	-12.61	peak
11096	39.56	4.21	43.77	54	-10.23	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	63.37	-4.59	58.78	68.2	-9.42	peak
11096	56.74	4.21	60.95	74	-13.05	peak
11096	38.12	4.21	42.33	54	-11.67	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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**HUAK TESTING**

HUAK TESTING

**HIGH CH159****Horizontal:**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	58.15	-4.59	53.56	68.2	-14.64	peak
10523	52.51	4.21	56.72	68.2	-11.48	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	57.36	-4.59	52.77	68.2	-15.43	peak
10523	51.18	4.21	55.39	68.2	-12.81	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Remark:**

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not record in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dB $\mu$ V/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dB $\mu$ V/m(PK Value) <54 dB $\mu$ V/m(AV Limit), the Average Detected not need to completed.



## HUAK TESTING

### 5.8G 802.11ac20 Mode

All modes of operation were investigated and the worst-case of MIMO are reported.  
LOW CH 149

LOW CH 149

### Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	61.57	-4.59	56.98	68.2	-11.22	peak
11096	53.46	4.21	57.67	74	-16.33	peak
11096	34.27	4.21	38.48	54	-15.52	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3368	61.82	-4.59	57.23	68.2	-10.97	peak
11096	57.15	4.21	61.36	74	-12.64	peak
11096	37.24	4.21	41.45	54	-12.55	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit



## HUAK TESTING

MID CH157

## Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	58.24	-4.59	53.65	68.2	-14.55	peak
10523	53.92	4.21	58.13	68.2	-10.07	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level - limit

### Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	59.83	-4.59	55.24	68.2	-12.96	peak
10523	52.94	4.21	57.15	68.2	-11.05	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit

**HUAK TESTING**

HUAK TESTING

**HIGH CH165****Horizontal:**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
2705	61.15	-4.59	56.56	74	-17.44	peak
2705	47.36	-4.59	42.77	54	-11.23	AVG
11717	55.73	4.84	60.57	74	-13.43	peak
11717	38.82	4.84	43.66	54	-10.34	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Vertical:**

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
2705	59.12	-4.59	54.53	74	-19.47	peak
2705	47.43	-4.59	42.84	54	-11.16	AVG
11717	52.89	4.84	57.73	74	-16.27	peak
11717	38.61	4.84	43.45	54	-10.55	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

**Remark:**

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not record in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dB $\mu$ V/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dB $\mu$ V/m(PK Value) <54 dB $\mu$ V/m(AV Limit), the Average Detected not need to completed.

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Horizontal:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	61.25	-4.59	56.66	68.2	-11.54	peak
11096	57.73	4.21	61.94	74	-12.06	peak
11096	36.92	4.21	41.13	54	-12.87	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency (MHz)	Meter Reading (dB $\mu$ V)	Factor (dB)	Emission Level (dB $\mu$ V/m)	Limits (dB $\mu$ V/m)	Margin (dB)	Detector Type
3368	61.14	-4.59	56.55	68.2	-11.65	peak
11096	57.08	4.21	61.29	74	-12.71	peak
11096	39.48	4.21	43.69	54	-10.31	AVG

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

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HIGH CH159

Horizontal:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	58.25	-4.59	53.66	68.2	-14.54	peak
10523	52.36	4.21	56.57	68.2	-11.63	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Vertical:

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Detector Type
(MHz)	(dB $\mu$ V)	(dB)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	
3172	57.77	-4.59	53.18	68.2	-15.02	peak
10523	51.46	4.21	55.67	68.2	-12.53	peak

Remark: Factor = Cable loss + Antenna factor + Attenuator – Preamplifier; Level = Reading + Factor; Margin = Level-Limit.

Remark:

- (1) Measuring frequencies from 1 GHz to the 40 GHz.
- (2) "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency.
- (3) \* denotes emission frequency which appearing within the Restricted Bands specified in provision of 15.205, then the general radiated emission limits in 15.209 apply.
- (4) The emissions are attenuated more than 20dB below the permissible limits are not record in the report.
- (5) The IF bandwidth of EMI Test Receiver between 30MHz to 1GHz was 120KHz, 1 MHz for measuring above 1 GHz, below 30MHz was 10KHz.
- (6) When the test results of Peak Detected below the limits of Average Detected, the Average Detected is not need completed. For example: Top Channel at Fundamental 73.16dB $\mu$ V/m(PK Value) <93.98(AV Limit), at harmonic 53.20 dB $\mu$ V/m(PK Value) <54 dB $\mu$ V/m(AV Limit), the Average Detected not need to completed.

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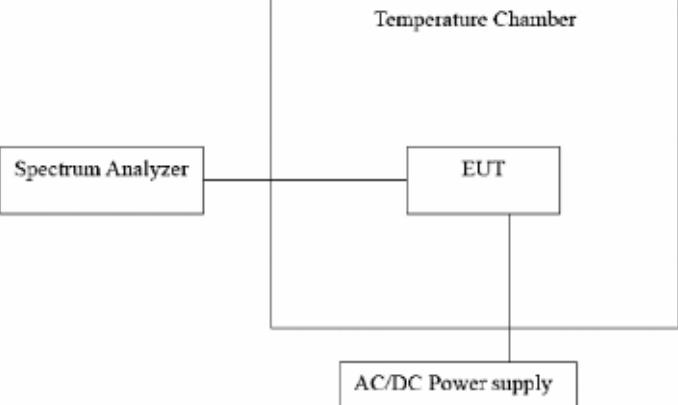
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## 4.8 Frequency Stability Measurement

#### 4.8.1 Test Specification

<b>Test Requirement:</b>	FCC Part15 Section 15.407(g)
<b>Test Method:</b>	ANSI C63.10: 2020
<b>Limit:</b>	The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.
<b>Test Setup:</b>	 <pre> graph LR     SA[Spectrum Analyzer] --- EUT[EUT]     EUT --- ACDC[AC/DC Power supply]     ACDC --- EUT     EUT --- TC[Temperature Chamber]   </pre>
<b>Test Procedure:</b>	<ol style="list-style-type: none"> <li>The EUT was placed inside the environmental test chamber and powered by nominal AC/DC voltage.</li> <li>Turn the EUT on and couple its output to a spectrum analyzer.</li> <li>Turn the EUT off and set the chamber to the highest temperature specified.</li> <li>Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize.</li> <li>Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.</li> <li>The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.</li> </ol>
<b>Test Result:</b>	PASS
<b>Remark:</b>	N/A

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## HUAK TESTING

## Test Result as follows:

Mode	Voltage (V)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
5.8G Band	10.2V	5744.987	-13	5824.974	-26
	12.0V	5745.033	33	5825.019	19
	13.8V	5745.011	11	5824.986	-14

Mode	Temperature (°C)	FHL (5745MHz)	Deviation (KHz)	FHH (5825MHz)	Deviation (KHz)
5.8G Band	-30	5744.985	-15	5824.984	-16
	-20	5744.979	-21	5824.978	-22
	-10	5744.985	-15	5825.031	31
	0	5745.012	12	5825.015	15
	10	5744.981	-19	5825.023	23
	20	5745.024	24	5824.988	-12
	30	5744.963	-37	5825.015	15
	40	5744.971	-29	5825.008	8
	50	5745.025	25	5825.012	12

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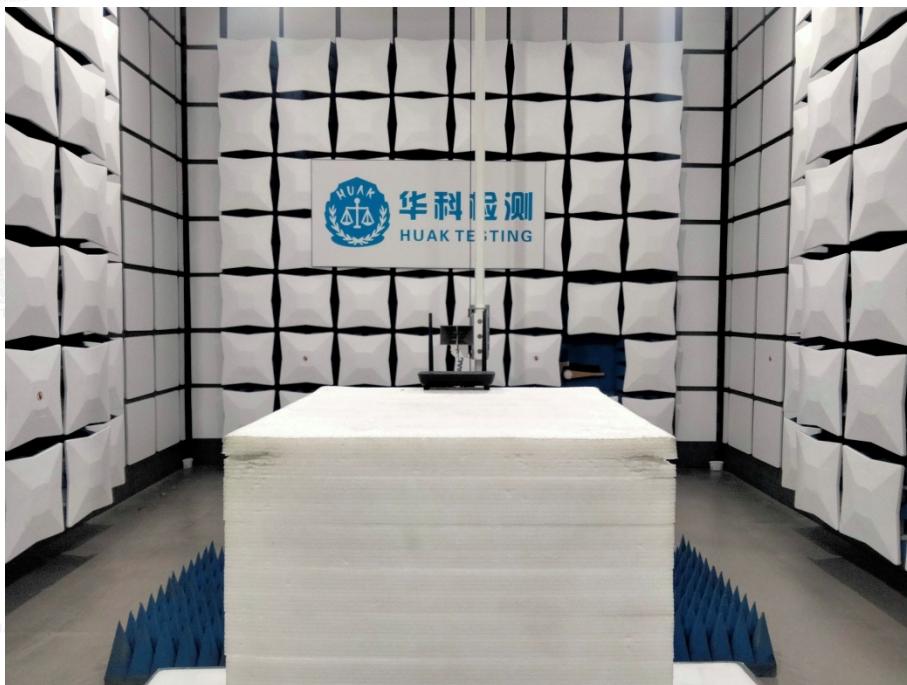
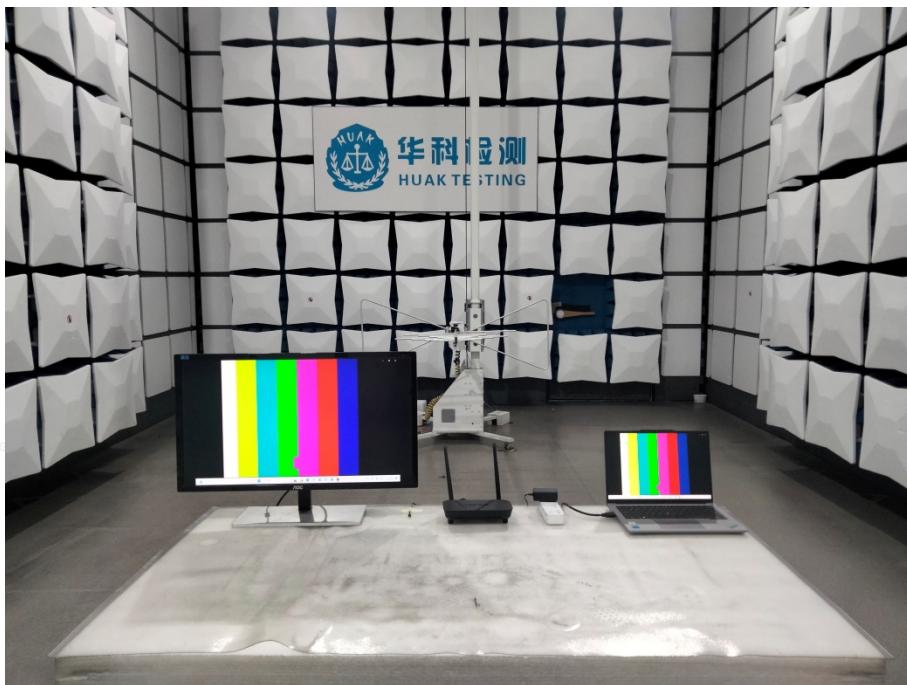


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## 5. Photographs of Test Setup

### Radiated Emission





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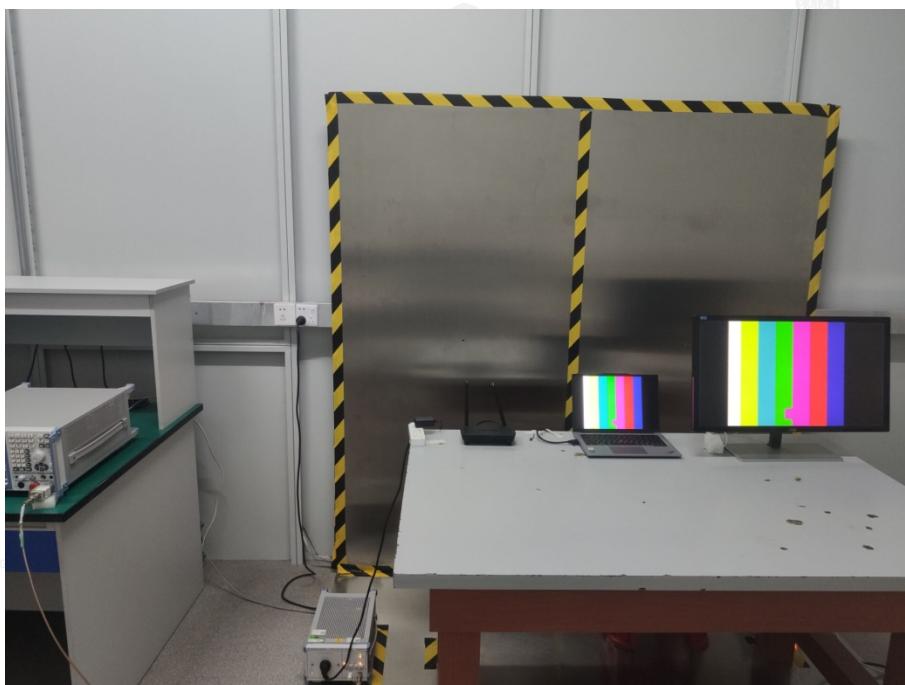
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### AC Conducted Emission

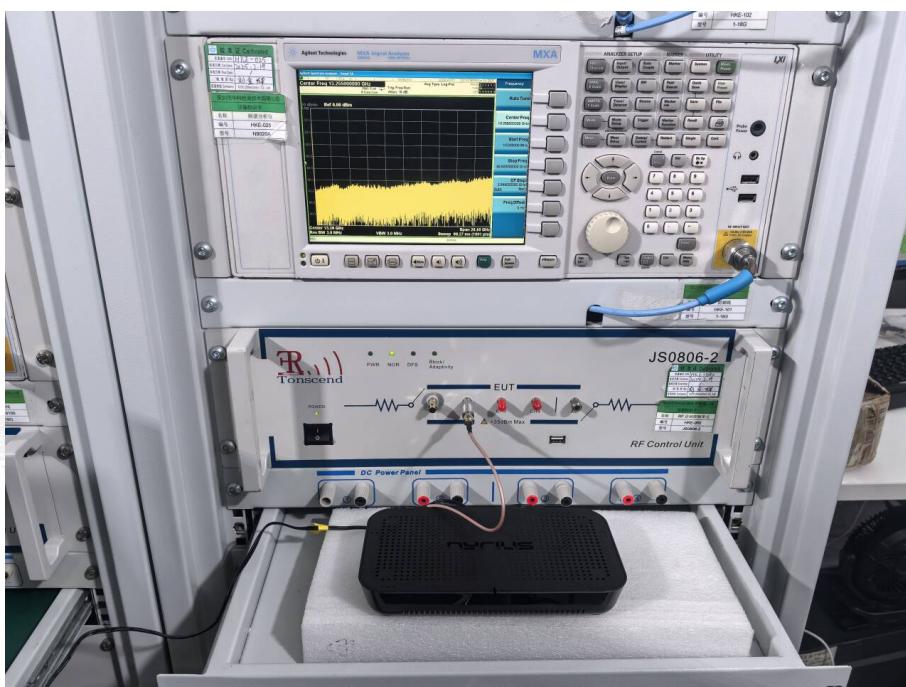


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## RF Conducted Emission



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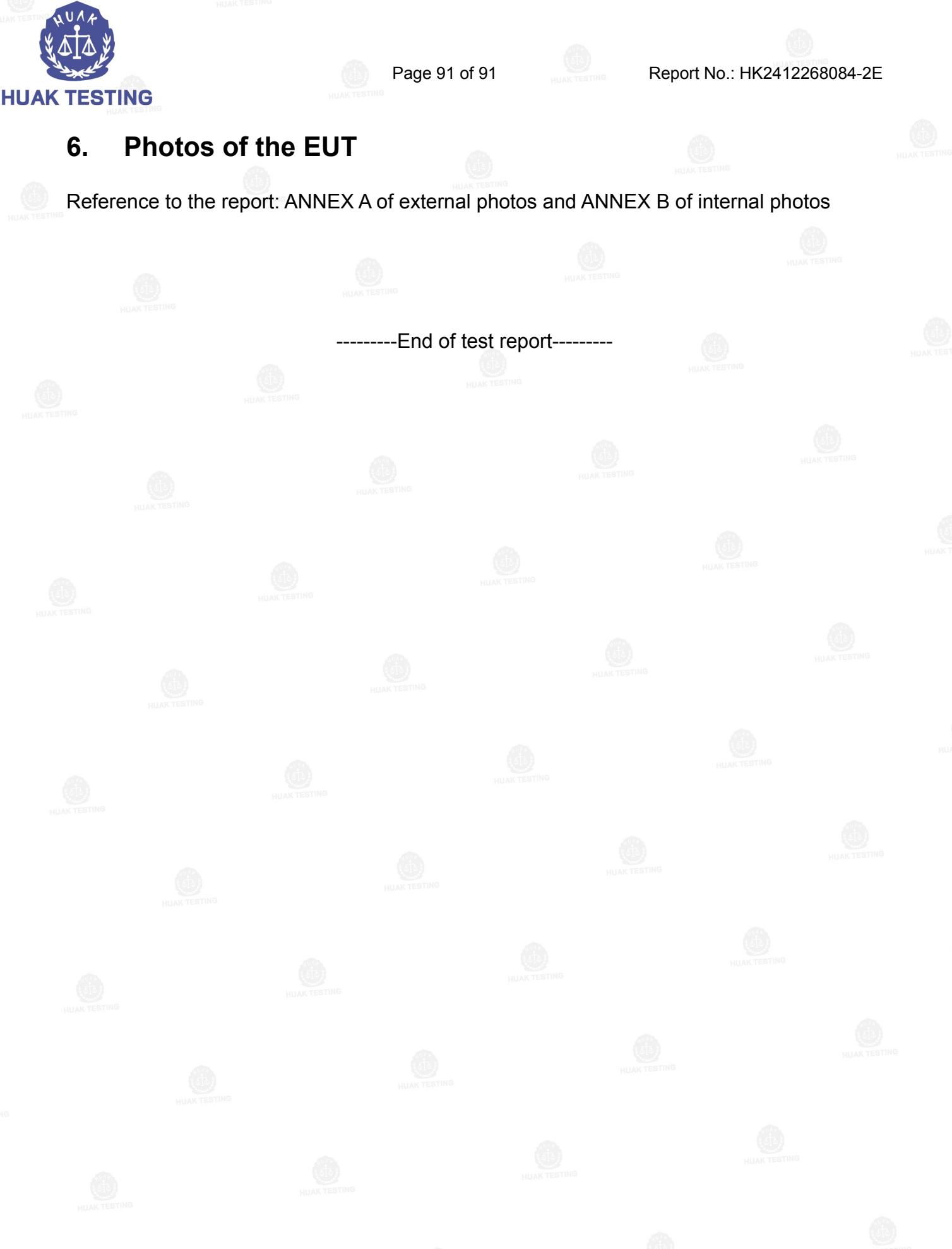
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## 6. Photos of the EUT

Reference to the report: ANNEX A of external photos and ANNEX B of internal photos

-----End of test report-----



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