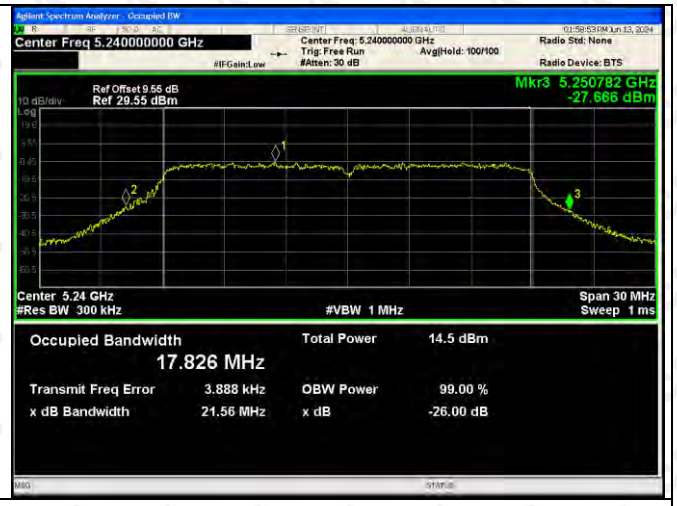
802.11ac(VH40)-5190



802.11ac(VH40)-5230

802.11ac(VH80)-5210

802.11n(HT20)-5180

802.11n(HT20)-5200

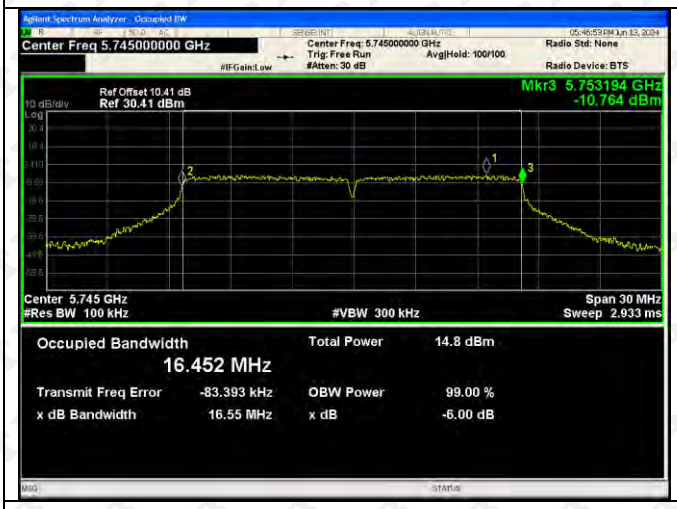
802.11n(HT20)-5240

802.11n(HT40)-5190

802.11n(HT40)-5230

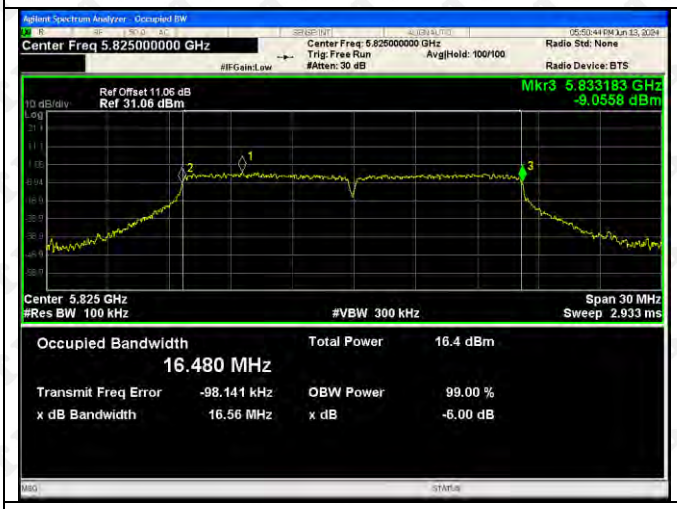
5745-5825MHz
ANT 1:

802.11a-5745

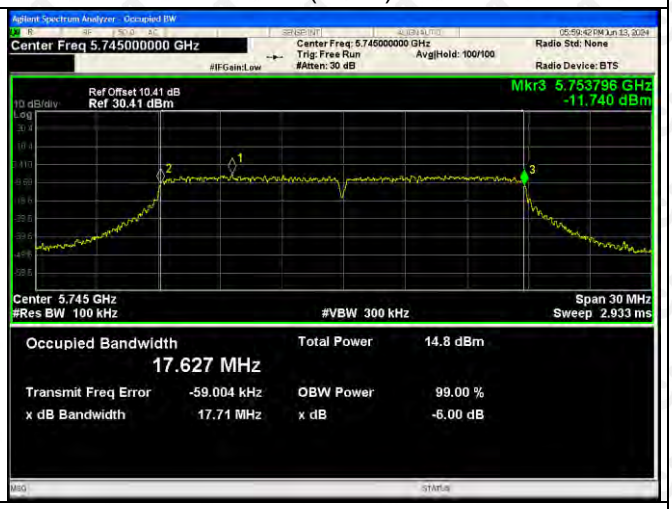


802.11a-5785

802.11a-5825

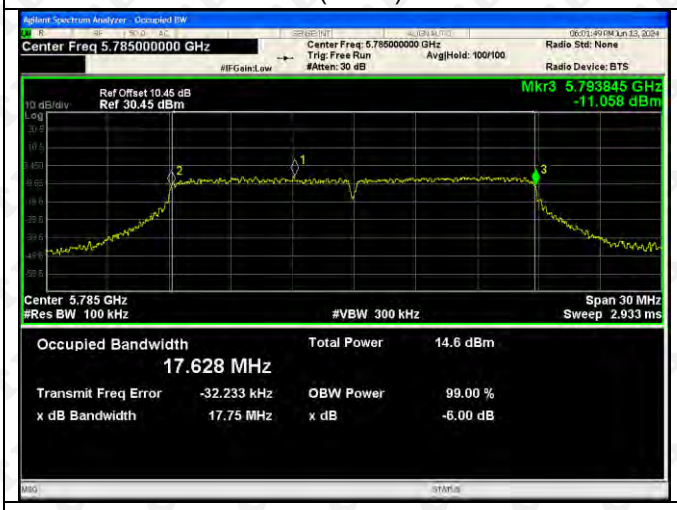


802.11ac(VH20)-5745

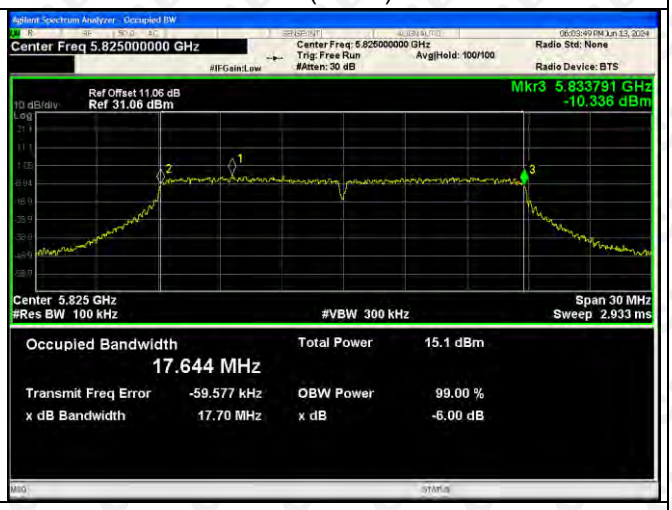


802.11ac(VH20)-5785

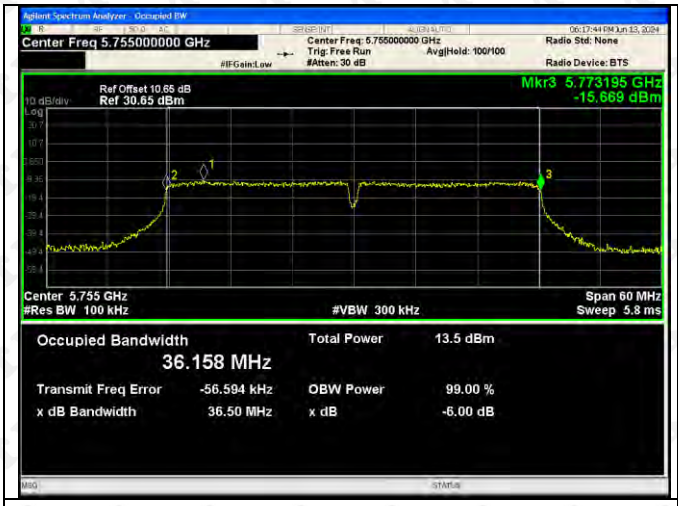
802.11ac(VH20)-5825



802.11ac(VH40)-5755

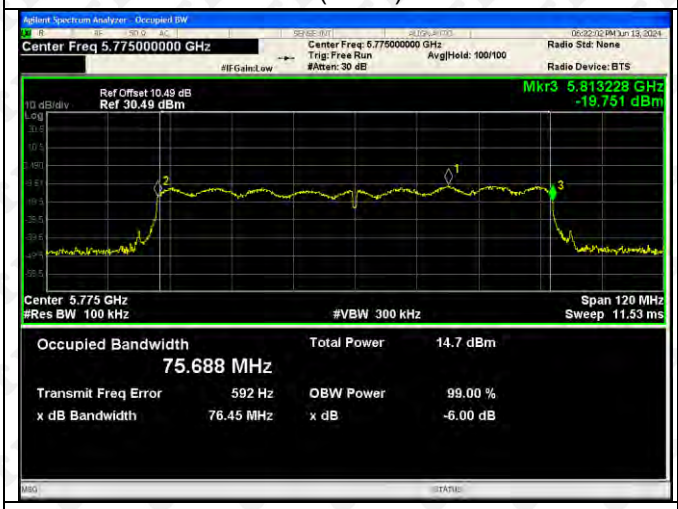


802.11ac(VH40)-5795

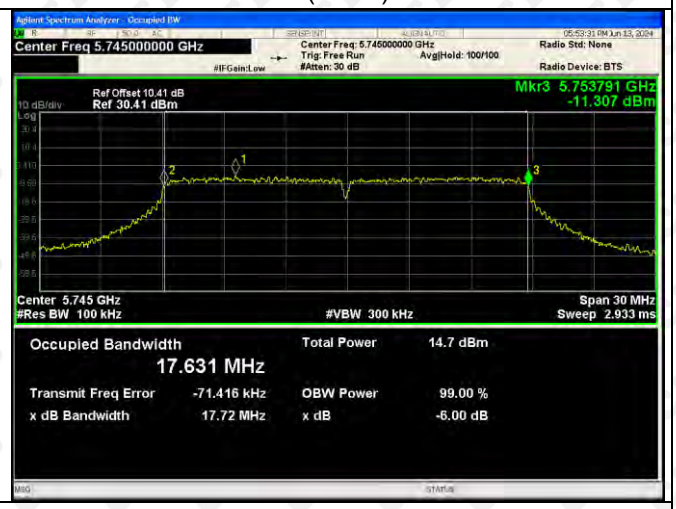


802.11ac(VH80)-5775

802.11n(HT20)-5745



802.11n(HT20)-5785



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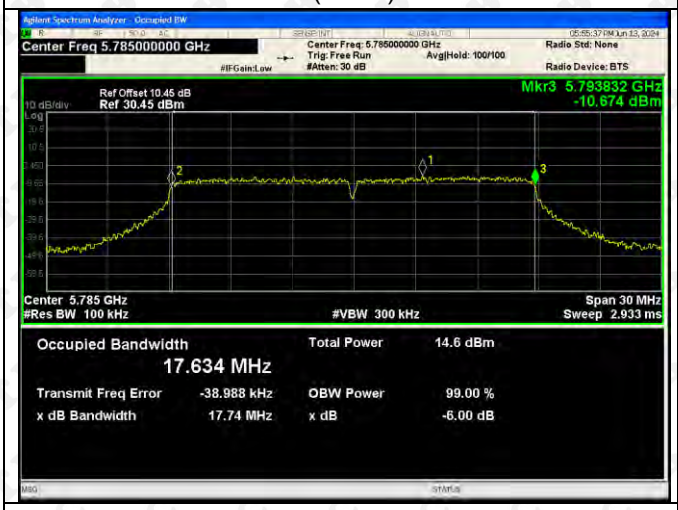
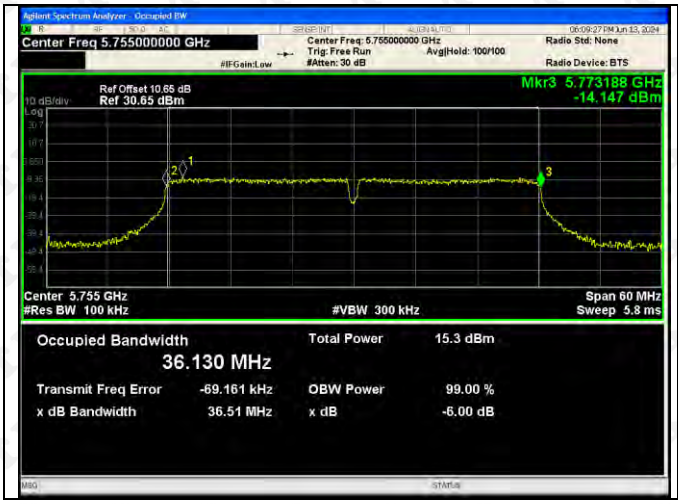
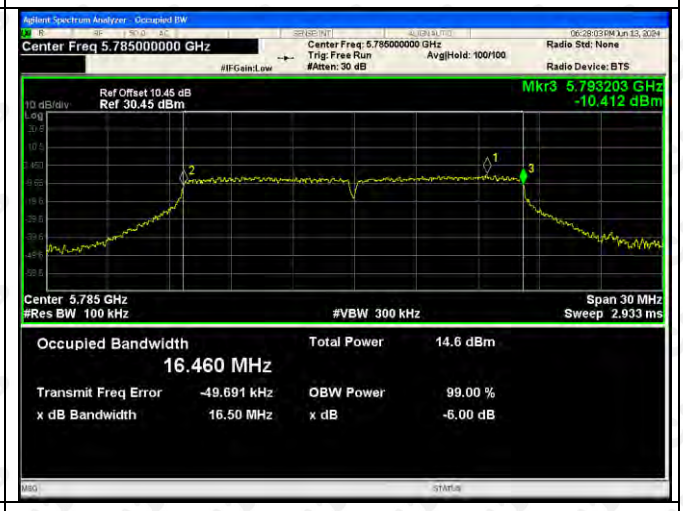
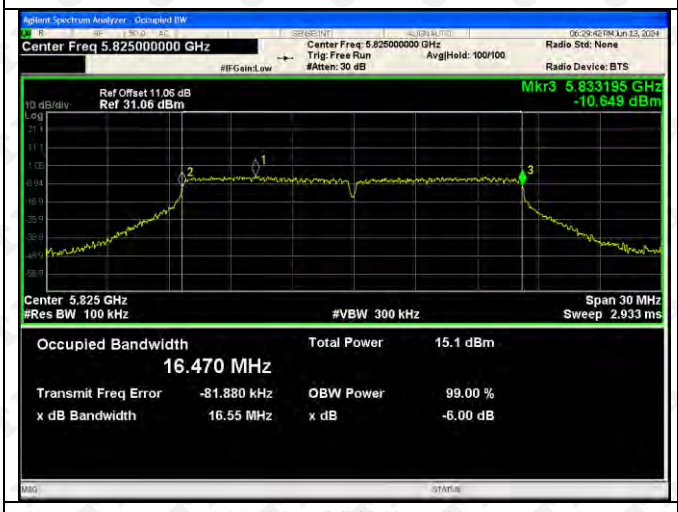
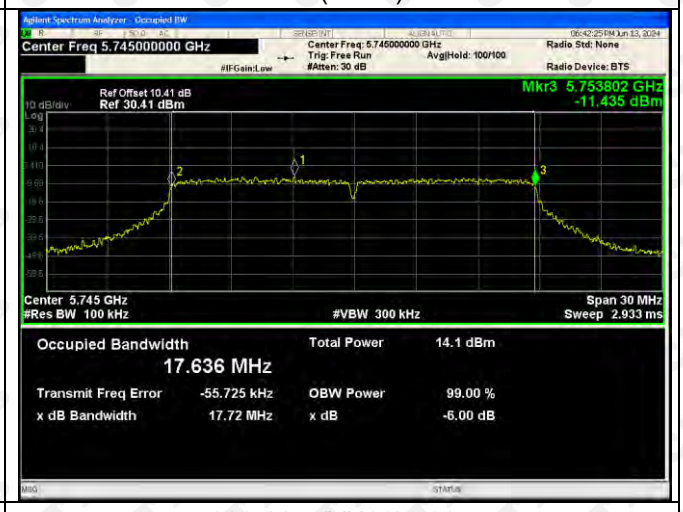


5802.11n(HT40)-5755

802.11n(HT40)-5795

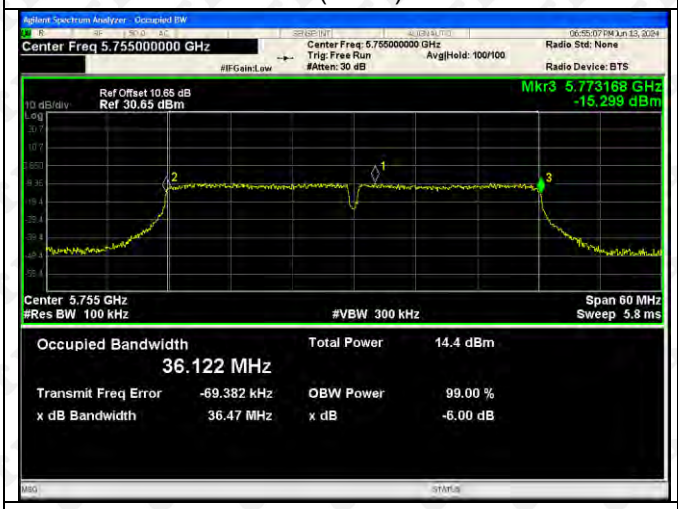


ANT2:

802.11a-5745	802.11a-5785
	
802.11a-5825	802.11ac(VH20)-5745
	
802.11ac(VH20)-5785	802.11ac(VH20)-5825

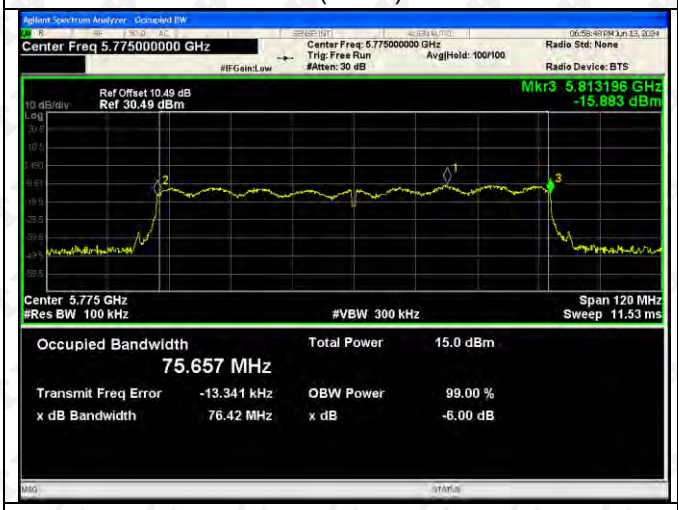
802.11ac(VH40)-5755

802.11ac(VH40)-5795

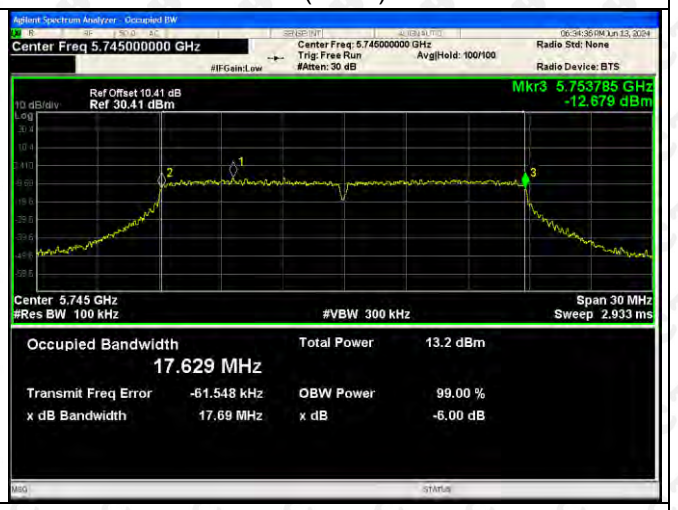


802.11ac(VH80)-5775

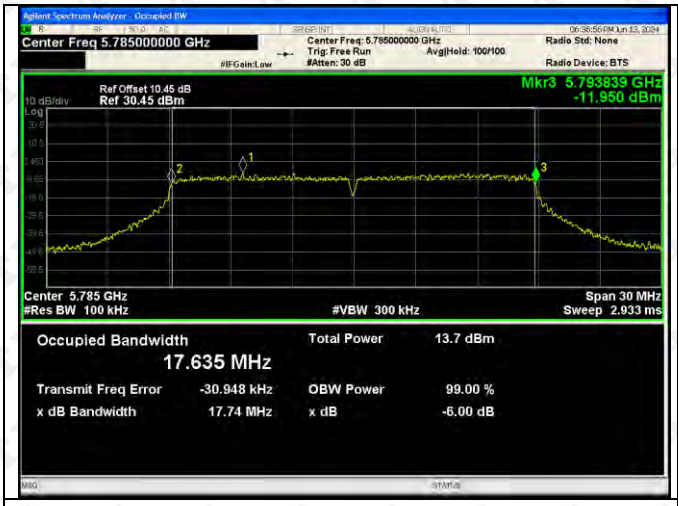
802.11n(HT20)-5745



802.11n(HT20)-5785

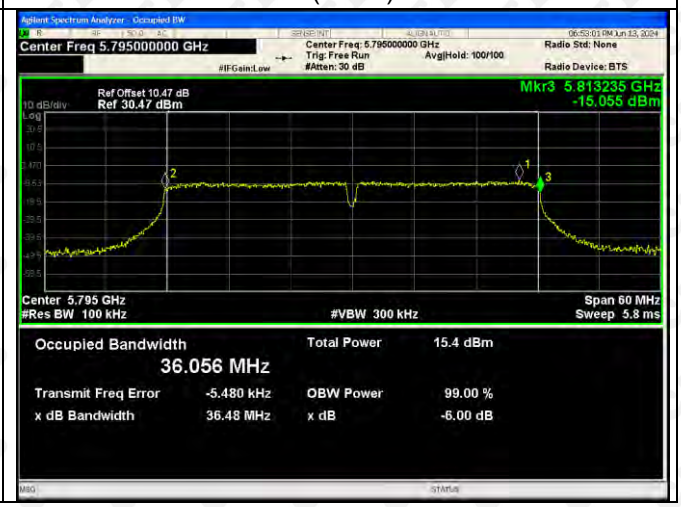


802.11n(HT20)-5825



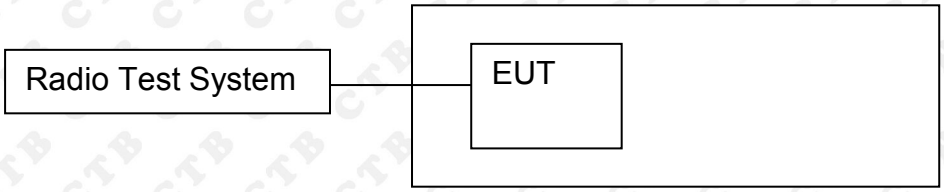
5802.11n(HT40)-5755

802.11n(HT40)-5795



11. POWER SPECTRAL DENSITY

11.1 Block Diagram Of Test Setup



11.2 Limit

(1) For the band 5.15-5.25 GHz.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

11.3 Test procedure

According to KDB789033 D02v02r01 sectionE, the following is the measurement procedure.

For devices operating in the bands 5.15−5.25 GHz, 5.25−5.35 GHz, and 5.47−5.725 GHz, the preceding procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in Section 15.407(a)(5). For devices operating in the band 5.725−5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:
a) Set RBW ≥ 1/*T*, where *T* is defined in II.B.I.a).

b) Set VBW ≥ 3 RBW.

c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500 kHz/RBW) to the

measured result, whereas RBW (<500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10 log (1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.
Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the II.F.5.c) and II.F.5.d), since RBW=100 kHz is available on nearly all spectrum analyzers.

11.4 Test Result

ANT 1+ANT2

Test mode	Test Channel (MHz)	PSD [dBm/MHz] ANT 1	PSD [dBm/MHz] ANT 2	PSD [dBm/MHz] Total	Limit (dBm/MHz)	Result
802.11a	5180	-3.169	-2.187	/	11	Pass
	5200	-7.757	-1.84	/	11	Pass
	5240	-6.155	-1.874	/	11	Pass
802.11ac(VH20)	5180	-8.633	-3.942	-2.672	11	Pass
	5200	-8.469	-3.829	-2.546	11	Pass
	5240	-7.349	-2.936	-1.594	11	Pass
802.11ac(VH40)	5190	-6.715	-6.435	-3.562	11	Pass
	5230	-6.850	-6.072	-3.433	11	Pass
802.11n(VH20)	5180	-12.474	-9.012	-7.396	11	Pass
	5200	-8.342	-2.923	-1.827	11	Pass
	5240	-7.841	-3.421	-2.081	11	Pass
802.11n(VH40)	5190	-7.462	-2.349	-1.183	11	Pass
	5230	-8.115	-6.871	-4.438	11	Pass
802.11ac(VH80)	5230	-8.027	-5.637	-3.659	11	Pass

Test mode	Test Channel (MHz)	PSD [dBm/MHz] ANT 1	PSD [dBm/MHz] ANT 2	PSD [dBm/MHz] Total	Limit (dBm)	Result
802.11a	5745	-4.947	-5.647	/	30	Pass
	5785	-3.354	-4.688	/	30	Pass
	5825	-3.319	-4.455	/	30	Pass
802.11ac(VH20)	5745	-4.936	-5.779	-2.327	30	Pass
	5785	-4.658	-5.143	-1.883	30	Pass
	5825	-4.499	-4.916	-1.692	30	Pass
802.11ac(VH40)	5755	-9.312	-8.438	-5.843	30	Pass
	5795	-8.297	-7.795	-5.028	30	Pass
802.11n(VH20)	5775	-10.361	-9.996	-7.164	30	Pass
	5745	-5.222	-6.692	-2.885	30	Pass
	5785	-4.696	-5.787	-2.197	30	Pass
802.11n(VH40)	5825	-3.530	-5.347	-1.334	30	Pass
	5755	-7.974	-8.231	-5.090	30	Pass
802.11ac(VH80)	5795	-7.468	-7.520	-4.484	30	Pass

5180-5240MHz
ANT 1

802.11a-5180

802.11a-5200

802.11a-5240

802.11ac(VH20)-5180

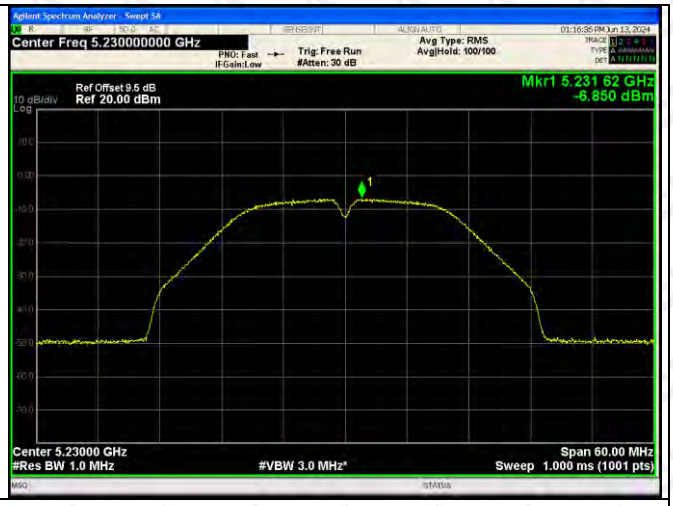
802.11ac(VH20)-5200

802.11ac(VH20)-5240

802.11ac(VH40)-5190

802.11ac(VH40)-5230

802.11ac(VH80)-5210



802.11n(HT20)-5180

802.11n(HT20)-5200

802.11n(HT20)-5240

802.11n(HT40)-5190

802.11n(HT40)-5230

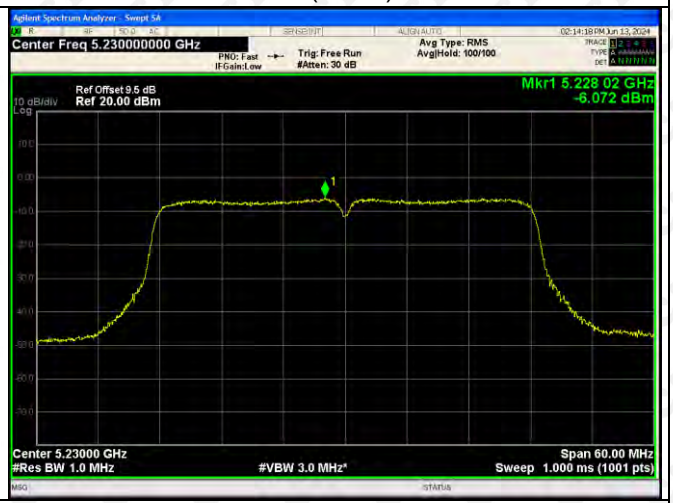
ANT2

802.11a-5180	802.11a-5200
	
802.11a-5240	802.11ac(VH20)-5180
	
802.11ac(VH20)-5200	802.11ac(VH20)-5240

802.11ac(VH40)-5190

802.11ac(VH40)-5230

802.11ac(VH80)-5210



802.11n(HT20)-5180

802.11n(HT20)-5200

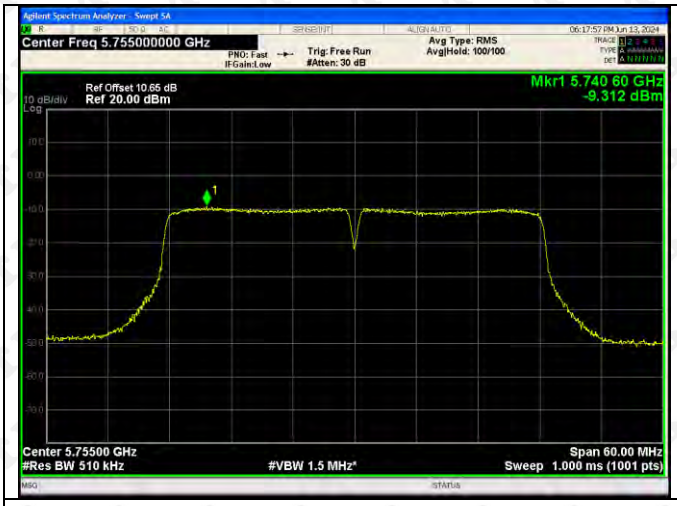
802.11n(HT20)-5240

802.11n(HT40)-5190

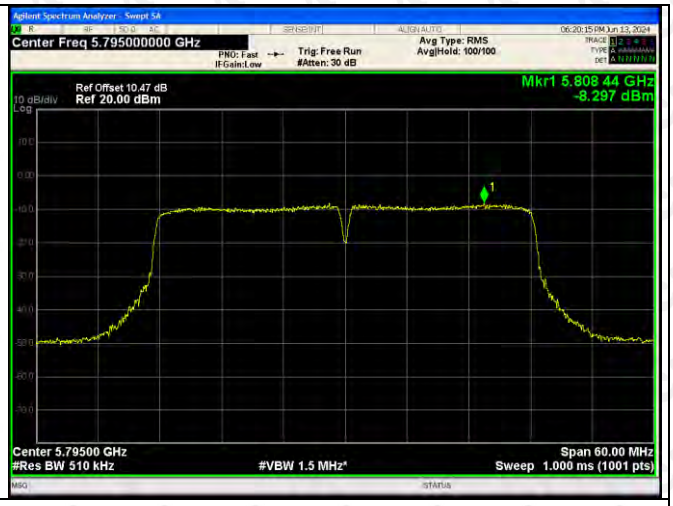
802.11n(HT40)-5230

5745-5825MHz
ANT 1:

802.11a-5745	802.11a-5785
	
802.11a-5825	802.11ac(VH20)-5745
	
802.11ac(VH20)-5785	802.11ac(VH20)-5825
	
802.11ac(VH40)-5755	802.11ac(VH40)-5795



802.11ac(VH80)-5775



802.11n(HT20)-5745

802.11n(HT20)-5785

802.11n(HT20)-5825

5802.11n(HT40)-5755

802.11n(HT40)-5795

ANT2:

802.11a-5745	802.11a-5785
	
802.11a-5825	802.11ac(VH20)-5745
	
802.11ac(VH20)-5785	802.11ac(VH20)-5825

802.11ac(VH40)-5755

802.11ac(VH40)-5795

802.11ac(VH80)-5775

802.11n(HT20)-5745

802.11n(HT20)-5785

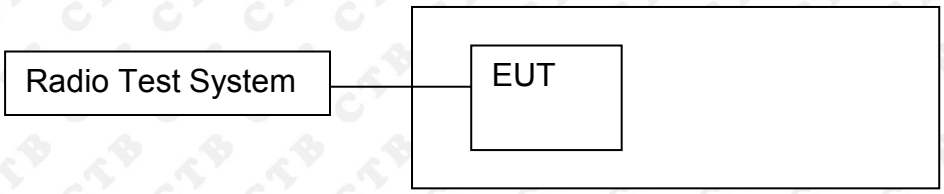
802.11n(HT20)-5825

5802.11n(HT40)-5755

802.11n(HT40)-5795

12. FREQUENCY STABILITY

12.1 Block Diagram Of Test Setup



12.2 Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

12.3 Test procedure

1. The EUT was placed inside temperature chamber and powered and powered by nominal DC voltage.

2. Set EUT as normal operation.

3. Turn the EUT on and couple its output to spectrum.

4. Turn the EUT off and set the chamber to the highest temperature specified.

5. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT and measure the operating frequency.

6. Repeat step with the temperature chamber set to the lowest temperature.

12.4 Test Result

ANT1:

TX Frequency (5150-5250MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5180.0956	5180	0.0956	18.4639
		V max (V)	20.90	5180.0291	5180	0.0291	5.6094
		V min (V)	17.10	5180.0971	5180	0.0971	18.7511
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5180.0251	5180	0.0251	4.8449
		T (°C)	10	5180.0103	5180	0.0103	1.9978
		T (°C)	20	5180.0516	5180	0.0516	9.9676
		T (°C)	30	5180.0115	5180	0.0115	2.2114
		T (°C)	40	5180.0228	5180	0.0228	4.4081
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5200.0481	5200	0.0481	9.2541
		V max (V)	20.90	5200.0075	5200	0.0075	1.4393
		V min (V)	17.10	5200.0083	5200	0.0083	1.5888
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5200.0266	5200	0.0266	5.1076
		T (°C)	10	5200.0387	5200	0.0387	7.4463
		T (°C)	20	5200.0155	5200	0.0155	2.9739
		T (°C)	30	5200.0003	5200	0.0003	0.0606
		T (°C)	40	5200.0251	5200	0.0251	4.8285
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5240.0523	5240	0.0523	9.9889
		V max (V)	20.90	5240.0283	5240	0.0283	5.3986
		V min (V)	17.10	5240.0338	5240	0.0338	6.4499
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5240.0280	5240	0.0280	5.3499
		T (°C)	10	5240.0243	5240	0.0243	4.6359
		T (°C)	20	5240.0529	5240	0.0529	10.0972
		T (°C)	30	5240.0330	5240	0.0330	6.3015
		T (°C)	40	5240.0266	5240	0.0266	5.0741
Limits				±20ppm			
Result				Complies			

ANT2:

TX Frequency (5150-5250MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5180.0381	5180	0.0381	7.3558
		V max (V)	20.90	5180.0834	5180	0.0834	16.1025
		V min (V)	17.10	5180.0813	5180	0.0813	15.6928
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5180MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5180.0061	5180	0.0061	1.1869
		T (°C)	10	5180.0306	5180	0.0306	5.9077
		T (°C)	20	5180.0069	5180	0.0069	1.3384
		T (°C)	30	5180.0434	5180	0.0434	8.3756
		T (°C)	40	5180.0866	5180	0.0866	16.7180
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5200.0493	5200	0.0493	9.4836
		V max (V)	20.90	5200.0062	5200	0.0062	1.1999
		V min (V)	17.10	5200.0675	5200	0.0675	12.9865
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5200MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5200.0336	5200	0.0336	6.4576
		T (°C)	10	5200.0262	5200	0.0262	5.0434
		T (°C)	20	5200.0856	5200	0.0856	16.4554
		T (°C)	30	5200.0686	5200	0.0686	13.1922
		T (°C)	40	5200.0163	5200	0.0163	3.1279
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5240.0308	5240	0.0308	5.8815
		V max (V)	20.90	5240.0052	5240	0.0052	0.9860
		V min (V)	17.10	5240.0081	5240	0.0081	1.5437
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5240MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5240.0587	5240	0.0587	11.2040
		T (°C)	10	5240.0068	5240	0.0068	1.2929
		T (°C)	20	5240.0365	5240	0.0365	6.9728
		T (°C)	30	5240.0741	5240	0.0741	14.1390
		T (°C)	40	5240.0910	5240	0.0910	17.3711
Limits				±20ppm			
Result				Complies			

ANT1:

TX Frequency (5725-5850MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5745.0058	5745	0.0058	1.0046
		V max (V)	20.90	5745.0641	5745	0.0641	11.1617
		V min (V)	17.10	5745.0058	5745	0.0058	1.0046
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5745.0478	5745	0.0478	8.3159
		T (°C)	10	5745.0094	5745	0.0094	1.6370
		T (°C)	20	5745.0697	5745	0.0697	12.1241
		T (°C)	30	5745.0615	5745	0.0615	10.6993
		T (°C)	40	5745.0216	5745	0.0216	3.7533
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5785.0903	5785	0.0903	15.6158
		V max (V)	20.90	5785.0927	5785	0.0927	16.0311
		V min (V)	17.10	5785.0689	5785	0.0689	11.9101
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5785.0007	5785	0.0007	0.1223
		T (°C)	10	5785.0588	5785	0.0588	10.1623
		T (°C)	20	5785.0905	5785	0.0905	15.6503
		T (°C)	30	5785.0172	5785	0.0172	2.9667
		T (°C)	40	5785.0705	5785	0.0705	12.1846
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5825.0095	5825	0.0095	1.6351
		V max (V)	20.90	5825.0385	5825	0.0385	6.6052
		V min (V)	17.10	5825.0713	5825	0.0713	12.2345
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5825.0620	5825	0.0620	10.6415
		T (°C)	10	5825.0710	5825	0.0710	12.1872
		T (°C)	20	5825.0159	5825	0.0159	2.7221
		T (°C)	30	5825.0333	5825	0.0333	5.7082
		T (°C)	40	5825.0293	5825	0.0293	5.0238
Limits				±20ppm			
Result				Complies			

ANT2:

TX Frequency (5725-5850MHz)

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5745.0384	5745	0.0384	6.6796
		V max (V)	20.90	5745.0176	5745	0.0176	3.0551
		V min (V)	17.10	5745.0619	5745	0.0619	10.7693
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5745MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5745.0426	5745	0.0426	7.4168
		T (°C)	10	5745.0658	5745	0.0658	11.4534
		T (°C)	20	5745.0130	5745	0.0130	2.2590
		T (°C)	30	5745.0573	5745	0.0573	9.9694
		T (°C)	40	5745.0463	5745	0.0463	8.0566
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5785.0704	5785	0.0704	12.1680
		V max (V)	20.90	5785.0840	5785	0.0840	14.5151
		V min (V)	17.10	5785.0775	5785	0.0775	13.3973
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5785MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5785.0834	5785	0.0834	14.4125
		T (°C)	10	5785.0198	5785	0.0198	3.4310
		T (°C)	20	5785.0027	5785	0.0027	0.4712
		T (°C)	30	5785.0349	5785	0.0349	6.0282
		T (°C)	40	5785.0735	5785	0.0735	12.7134
Limits				±20ppm			
Result				Complies			

Voltage vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
T nom (°C)	20	V nom (V)	19.00	5825.0846	5825	0.0846	14.5190
		V max (V)	20.90	5825.0704	5825	0.0704	12.0943
		V min (V)	17.10	5825.0087	5825	0.0087	1.4883
Limits				±20ppm			
Result				Complies			

Temperature vs. Frequency Stability

TEST CONDITIONS				Reference Frequency：5825MHz			
				f	fc	Max. Deviation (MHz)	Max. Deviation (ppm)
V nom (V)	19	T (°C)	0	5825.0288	5825	0.0288	4.9469
		T (°C)	10	5825.0507	5825	0.0507	8.7034
		T (°C)	20	5825.0154	5825	0.0154	2.6404
		T (°C)	30	5825.0112	5825	0.0112	1.9208
		T (°C)	40	5825.0005	5825	0.0005	0.0865
Limits				±20ppm			
Result				Complies			

13. OPERATION IN THE ABSENCE OF INFORMATION TO THE TRANSMIT

13.1 Requirement

15.407(c) requirement:
The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signal ling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

13.2 Test Results

Operation in the absence of information to the transmit:

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling
signal of ASK message transmitting from remote device and verify whether it shall resend or
discontinue transmission. (manufacturer declare)

14. ANTENNA REQUIREMENT

15.203 requirement:
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
15.247(b) (4) requirement:
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

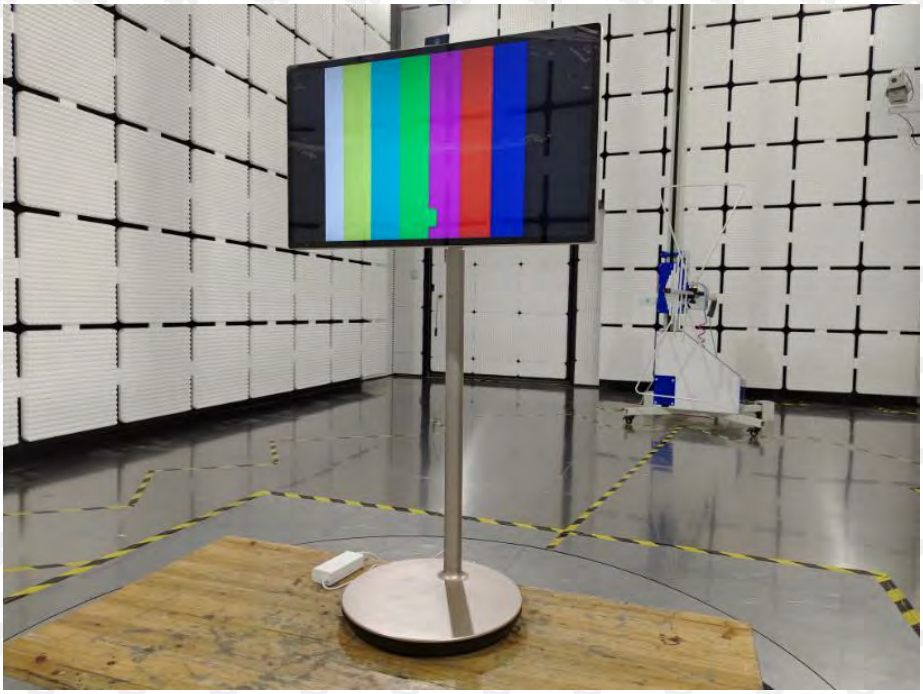
EUT Antenna:

The antenna is Internal antenna and no consideration of replacement. The best case gain of the antenna is WiFi (5.2G):Ant1: 3.66dBi, Ant2: -0.18dBi, WiFi (5.8G):Ant1: 4.01dBi, Ant2: -1.85dBi.

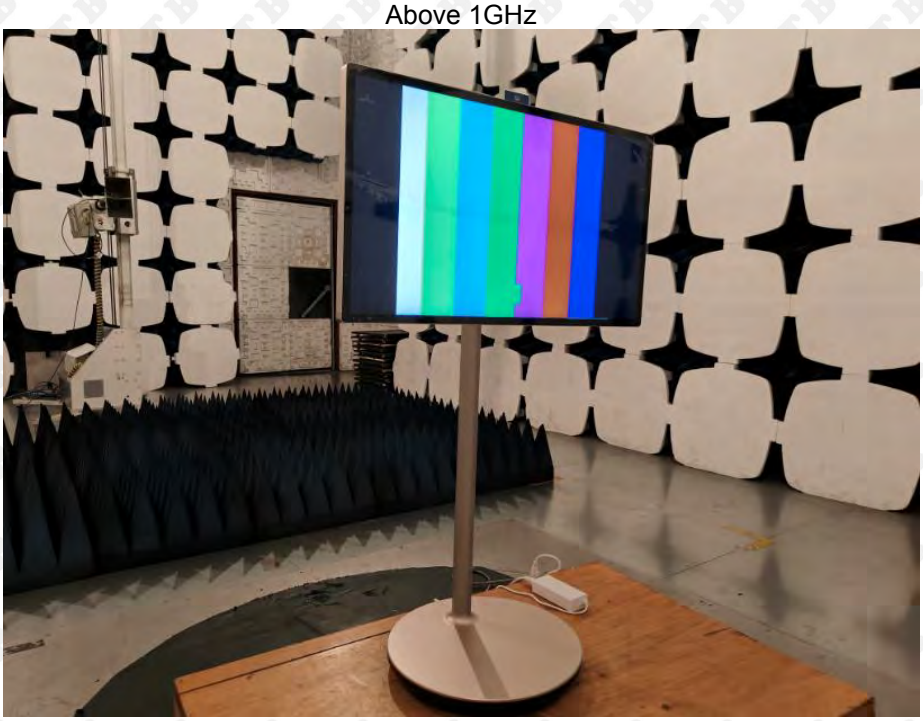
15. EUT TEST SETUP PHOTOGRAPHS

Spurious emissions

Below 1GHz



Above 1GHz



Conducted Emission

※※※※※ **END OF REPORT** ※※※※※