RF TEST REPORT

For

Shenzhen Weiwo Innovation Technology Co., Ltd.
Product Name: Neideso Dash Cam
Test Model(s).: N700

Report Reference No.	:	**POCE240229001RF001**
FCC ID	:	**2BFJA-N700**
Applicant's Name	:	Shenzhen Weiwo Innovation Technology Co., Ltd.
Address	:	Room 504, Building 4, Manjinghua Yiluan Building, N0.230 Xixiang Avenue, Longteng Community, Xixiang Street, Bao'an District, Shenzhen, P.R.China
Testing Laboratory	:	Shenzhen POCE Technology Co., Ltd.
Address	:	101-102 Building H5 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China
Test Specification Standard	:	**47 CFR Part 15E** **KDB 789033 D02 General U-NII Test Procedures New Rules v02r01**
Date of Receipt	:	February 29, 2024
Date of Test	:	February 29, 2024 to March 13, 2024
Data of Issue	:	March 13, 2024
Result	:	**Pass**

Revision History Of Report

Version	Description	REPORT No.	Issue Date
V1.0	Original	POCE240229001RF001	March 13, 2024

NOTE1:

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

Compiled by:	Supervised by:	Approved by:
Keren Huang	Stone Yin	Tom Chen
Keren Huang / Test Engineer	Stone Yin / Project Engineer	Tom Chen / Manager

CONTENTS

1 TEST SUMMARY

1.1 Test Standards

The tests were performed according to following standards:

47 CFR Part 15E: Unlicensed National Information Infrastructure Devices

1.2 Summary of Test Result

Item	Method	Requirement	Result
Duty Cycle	ANSI C63.10-2013 section 12.2 (b)	/	Pass
Maximum conducted output power	ANSI C63.10-2013, section 12.3	47 CFR Part 15.407(a)(3)(i)	Pass
Power spectral density	ANSI C63.10-2013, section 12.5	47 CFR Part 15.407(a)(3)(i)	Pass
Emission bandwidth and occupied bandwidth	ANSI C63.10-2013, section 6.9 & 12.4 KDB 789033 D02, Clause C.2	47 CFR Part 15.407(e)	Pass
Band edge emissions (Radiated)	ANSI C63.10-2013, section 12.7.4, 12.7.6, 12.7.7	47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass
Undesirable emission limits (below 1GHz)	ANSI C63.10-2013, section 12.7.4, 12.7.5	47 CFR Part 15.407(b)(9)	Pass
Undesirable emission limits (above 1GHz)	ANSI C63.10-2013, section 12.7.4, 12.7.6, 12.7.7	47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)	Pass

Note: 1.N/A -this device(EUT) is not applicable to this testing item
2. RF-conducted test results including cable loss.

2 GENERAL INFORMATION

2.1 Client Information

Applicant's Name	:	Shenzhen Weiwo Innovation Technology Co., Ltd.
Address	:	Room 504, Building 4, Manjinghua Yiluan Building, N0.230 Xixiang Avenue, Longteng Community, Xixiang Street, Bao'an District, Shenzhen, P.R.China
Manufacturer	:	SHENZHEN WEIYIKE ELECTRONIC CO., LTD.
Address	:	ROOM 503, BUILDING 4, MANJINGHUA YILUAN BUILDING, NO. 230 XIXIANG AVENUE, LONGTENG COMMUNITY, XIXIANG STREET, BAO'AN DISTRICT, SHENZHEN, GUANGDONG, 518000 P.R.CHINA

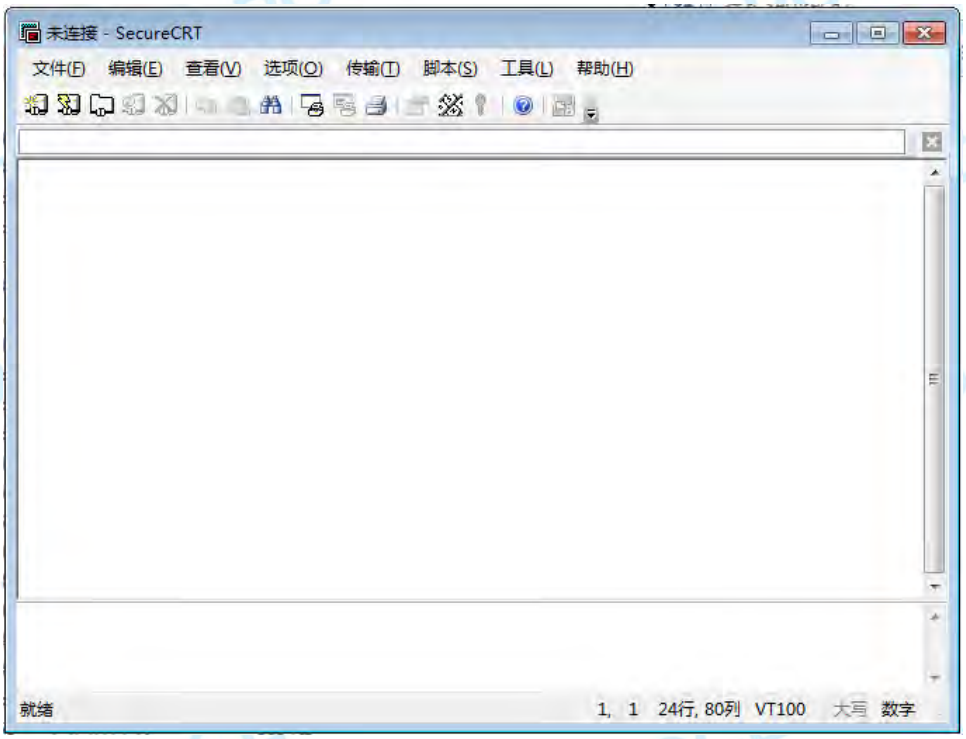
2.2 Description of Device (EUT)

Product Name:	Neideso Dash Cam
Model/Type reference:	N700
Series Model:	N100, N300, N500, N600, N900
Model Difference:	The difference between models is that the built-in software version is different, and other hardware components are the same, such as PCB, BOM, and other electrical structures. Therefore, the test model is N700
Trade Mark:	Neideso
Product Description:	Neideso Dash Cam
Power Supply:	DC5.0V from car-adapter(DC12V--24V)
Operation Frequency:	802.11a/n(HT20): U-NII Band 3: 5745MHz to 5825MHz; 802.11n(HT40): U-NII Band 3: 5755MHz to 5795MHz;
Number of Channels:	802.11a/n(HT20): U-NII Band 3: 5; 802.11n(HT40): U-NII Band 3: 2;
Modulation Type:	802.11a: OFDM(BPSK, QPSK, 16QAM, 64QAM); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM);
Antenna Type:	PCB ANTENNA
Antenna Gain"	2.27dBi
Hardware Version:	V1.0
Software Version:	/

2.3 Description of Test Modes

No	Title	Description
TM1	802.11a mode	Keep the EUT in continuously transmitting mode with 802.11a modulation type. All data rates has been tested and found the data rate @ 6Mbps is the worst case. Only the data of worst case is recorded in the report.
TM2	802.11n(HT20) mode	Keep the EUT in continuously transmitting mode with 802.11n modulation type. All bandwidth and data rates has been tested and found the data rate @ MCS7 is the worst case. Only the data of worst case is recorded in the report.
TM3	802.11n(HT40) mode	Keep the EUT in continuously transmitting mode with 802.11n-40MHz modulation type. All bandwidth and data rates has been

		tested and found the data rate @ MCS7 is the worst case. Only the data of worst case is recorded in the report.

Description
☒Special software is used. ☐Through engineering command into the engineering mode. engineering command: *#*#3646633#*#* ☐Other method:
Special software: 

2.4 Description of Support Units

Title	Manufacturer	Model No.	Serial No.
Car-adapter	/	DC12—24 to DC5V	/
Battery	CAMEL	DC12V	/

2.5 Equipments Used During The Test

Duty Cycle
Maximum conducted output power
Power spectral density
Emission bandwidth and occupied bandwidth

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
RF Test Software	TACHOY	RTS-01	V2.0.0.0	/	/
Power divider	MIDEWEST	PWD-2533	SMA-79	2023-05-11	2026-05-10
DC power	HP	66311B	38444359	/	/
Power Meter	Keysight	E4416A	MY5303506	2022-12-10	2023-12-09
RF Sensor Unit	TACHOY	TR1029-2	000001	/	/
Vector signal generator	Keysight	N5181A	MY48180415	2023-11-09	2024-11-08
Signal generator	Keysight	N5182A	MY50143455	2023-11-09	2024-11-08
Spectrum Analyzer	Keysight	N9020A	MY53420323	2023-12-12	2024-12-11

Band edge emissions (Radiated)
Undesirable emission limits (below 1GHz)
Undesirable emission limits (above 1GHz)

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
EMI Test software	Farad	EZ -EMC	V1.1.42	/	/
Positioning Controller	/	MF-7802	/	/	/
Amplifier(18-40G)	COM-POWER	AH-1840	10100008-1	2022-04-05	2025-04-04
Horn antenna	COM-POWER	AH-1840 (18-40G)	10100008	2023-04-05	2025-04-04
Loop antenna	ZHINAN	ZN30900C	ZN30900C	2021-07-05	2024-07-04
Cable(LF)#2	Schwarzbeck	/	/	2024-02-19	2025-02-18
Cable(LF)#1	Schwarzbeck	/	/	2024-02-19	2025-02-18
Cable(HF)#2	Schwarzbeck	AK9515E	96250	2024-02-19	2025-02-18
Cable(HF)#1	Schwarzbeck	SYV-50-3-1	/	2024-02-19	2025-02-18
Power amplifier(LF)	Schwarzbeck	BBV9743	9743-151	2023-06-13	2024-06-12
Power amplifier(HF)	Schwarzbeck	BBV9718	9718-282	2023-06-13	2024-06-12
Spectrum Analyzer	R&S	FSP30	1321.3008K40 -101729-jR	2023-06-14	2024-06-13
Horn Antenna	Sunol Sciences	DRH-118	A091114	2023-05-13	2025-05-12
Broadband Antenna	Sunol Sciences	JB6 Antenna	A090414	2023-05-21	2025-05-20
Test Receiver	R&S	ESCI	102109	2023-06-13	2024-06-12

2.6 Statement Of The Measurement Uncertainty

Test Item	Measurement Uncertainty
Conducted Disturbance (0.15~30MHz)	±3.41dB
Occupied Bandwidth	±3.63%
RF conducted power	±0.733dB
Duty cycle	±3.1%
Conducted Spurious emissions	±1.98dB
Radiated Emission (Above 1GHz)	±5.46dB
Radiated Emission (Below 1GHz)	±5.79dB
Note: (1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

2.7 Authorizations

Company Name:	Shenzhen POCE Technology Co., Ltd.
Address:	101-102 Building H5 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China
Phone Number:	+86-13267178997
Fax Number:	86-755-29113252

Identification of the Responsible Testing Location

Company Name:	Shenzhen POCE Technology Co., Ltd.
Address:	101-102 Building H5 & 1/F., Building H, Hongfa Science & Technology Park, Tangtou, Shiyan, Bao'an District, Shenzhen, Guangdong, China
Phone Number:	+86-13267178997
Fax Number:	86-755-29113252
FCC Registration Number:	0032847402
Designation Number:	CN1342
Test Firm Registration No.:	778666
A2LA Certificate Number:	6270.01

2.8 Announcement

(1) The test report reference to the report template version v1.0.

(2) The test report is invalid if not marked with the signatures of the persons responsible for preparing, reviewing and approving the test report.

(3) The test report is invalid if there is any evidence and/or falsification.

(4) This document may not be altered or revised in any way unless done so by POCE and all revisions are duly noted in the revisions section.

(5) Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.

(6) We hereby declare that the laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant. the laboratory is not responsible for the accuracy of the information provided by the client. When the information provided by the customer may affect the effectiveness of the results, the responsibility lies with the customer, and the laboratory does not assume any responsibility.

3 Radio Spectrum Matter Test Results (RF)

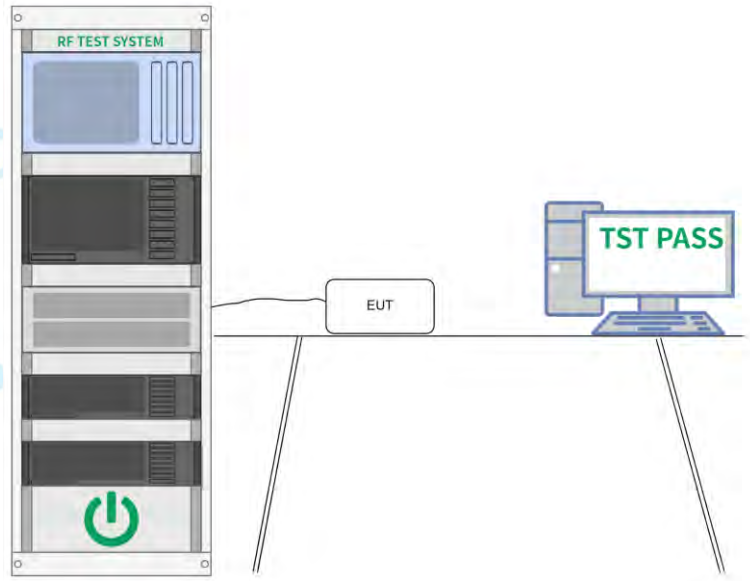
3.1 Duty Cycle

Test Requirement:	All measurements are to be performed with the EUT transmitting at 100% duty cycle at its maximum power control level; however, if 100% duty cycle cannot be achieved, measurements of duty cycle, x, and maximum-power transmission duration, T, are required for each tested mode of operation.
Test Limit:	No limits, only for report use.
Test Method:	ANSI C63.10-2013 section 12.2 (b)
Procedure:	i) Set the center frequency of the instrument to the center frequency of the transmission. ii) Set RBW >= EBW if possible; otherwise, set RBW to the largest available value. iii) Set VBW >= RBW. iv) Set detector = peak. v) The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in item a1) of 12.2, and the number of sweep points across duration T exceeds 100.

3.1.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1, TM2, TM3				

3.1.2 Test Setup Diagram:



3.1.3 Test Data:

Please Refer to Appendix for Details.

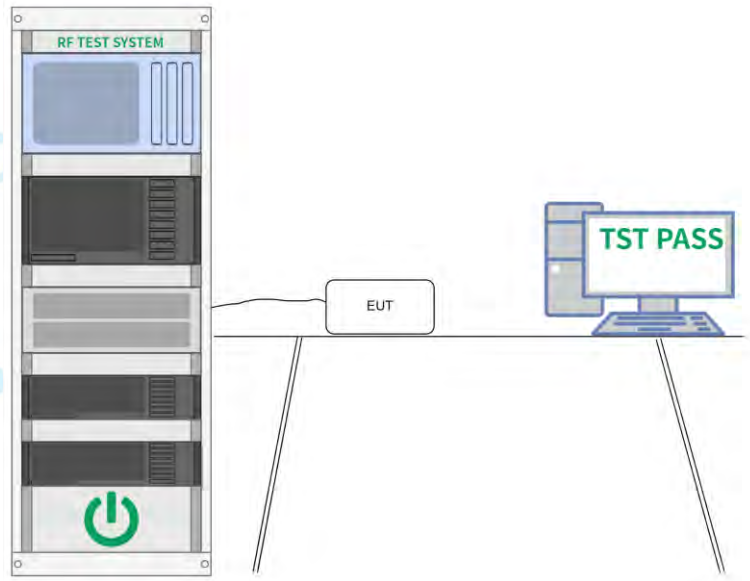
3.2 Maximum conducted output power

Test Requirement:	47 CFR Part 15.407(a)(3)(i)
Test Limit:	For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power 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.
Test Method:	ANSI C63.10-2013, section 12.3
Procedure:	Refer to ANSI C63.10-2013 section 12.3

3.2.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1, TM2, TM3				

3.2.2 Test Setup Diagram:



3.2.3 Test Data:

Please Refer to Appendix for Details.

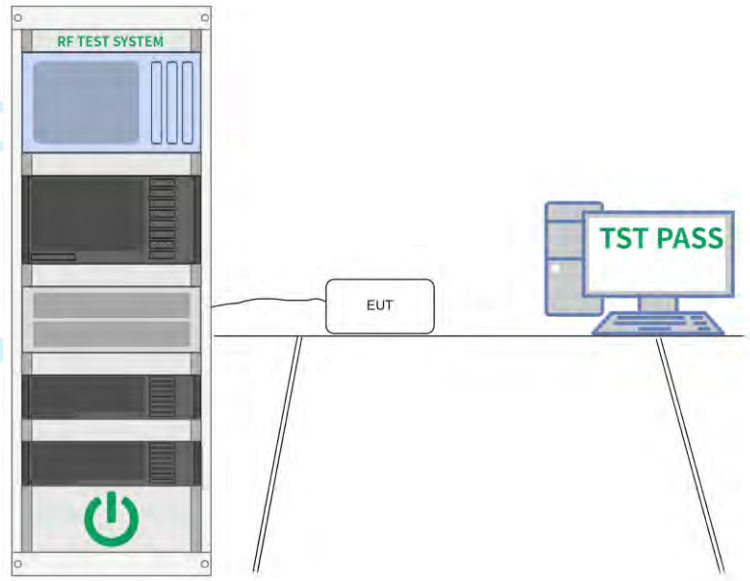
3.3 Power spectral density

Test Requirement:	47 CFR Part 15.407(a)(3)(i)
Test Limit:	For the band 5.725-5.850 GHz, 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, 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.
Test Method:	ANSI C63.10-2013, section 12.5
Procedure:	Refer to ANSI C63.10-2013, section 12.5

3.3.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1, TM2, TM3				

3.3.2 Test Setup Diagram:



3.3.3 Test Data:

Please Refer to Appendix for Details.

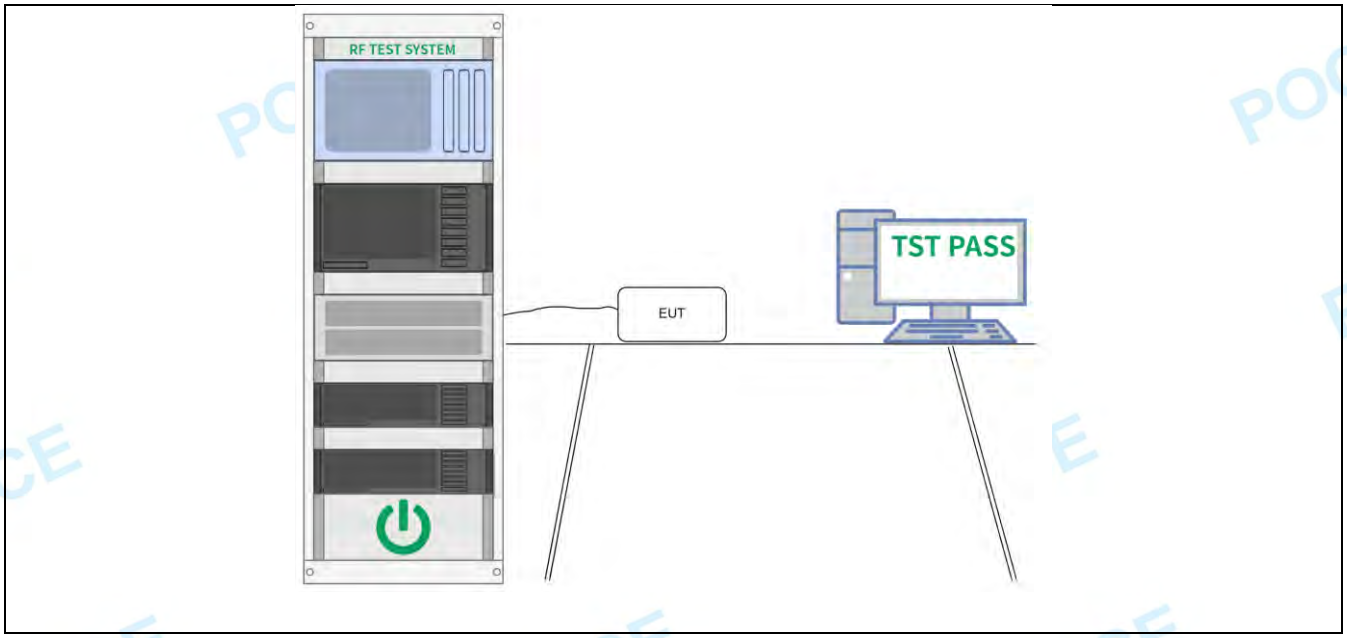
3.4 Emission bandwidth and occupied bandwidth

Test Requirement:	U-NII 3, U-NII 4: 47 CFR Part 15.407(e)
Test Limit:	U-NII 3, U-NII 4: Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.
Test Method:	ANSI C63.10-2013, section 6.9 & 12.4 KDB 789033 D02, Clause C.2
Procedure:	Occupied bandwidth: a) The instrument center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be between 1.5 times and 5.0 times the OBW. b) The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW, and VBW shall be approximately three times the RBW, unless otherwise specified by the applicable requirement. c) Set the reference level of the instrument as required, keeping the signal from exceeding the maximum input mixer level for linear operation. In general, the peak of the spectral envelope shall be more than [10 log (OBW/RBW)] below the reference level. Specific guidance is given in 4.1.5.2. d) Step a) through step c) might require iteration to adjust within the specified range. e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. f) Use the 99% power bandwidth function of the instrument (if available) and report the measured bandwidth. g) If the instrument does not have a 99% power bandwidth function, then the trace data points are recovered and directly summed in linear power terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% power bandwidth is the difference between these two frequencies. h) The occupied bandwidth shall be reported by providing plot(s) of the measuring instrument display; the plot axes and the scale units per division shall be clearly labeled. Tabular data may be reported in addition to the plot(s). 6 dB emission bandwidth: a) Set RBW = 100 kHz. b) Set the video bandwidth (VBW) ≥ 3 >= RBW. c) Detector = Peak. d) Trace mode = max hold. e) Sweep = auto couple. f) Allow the trace to stabilize. g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1, TM2, TM3				

3.4.2 Test Setup Diagram:



3.4.3 Test Data:

Please Refer to Appendix for Details.

3.5 Band edge emissions (Radiated)

Test Requirement:	47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)
Test Limit:	For transmitters operating solely in the 5.725-5.850 GHz band: 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.

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2]Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300

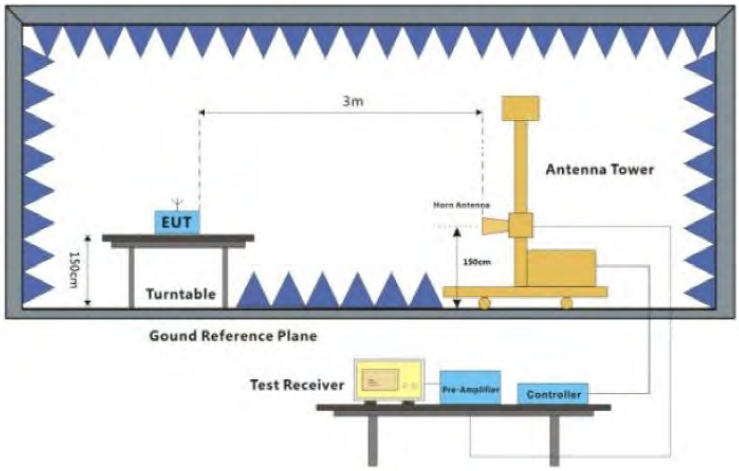
	0.490-1.705 | 24000/F(kHz) | 30 1.705-30.0 | 30 | 30 30-88 | 100 ** | 3 88-216 | 150 ** | 3 216-960 | 200 ** | 3 Above 960 | 500 | 3 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
Test Method:	ANSI C63.10-2013, section 12.7.4, 12.7.6, 12.7.7
Procedure:	Above 1GHz: a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. 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. d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. 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 or average method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. i. Repeat above procedures until all frequencies measured was complete. Remark: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report. 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been

	displayed.

3.5.1 E.U.T. Operation:

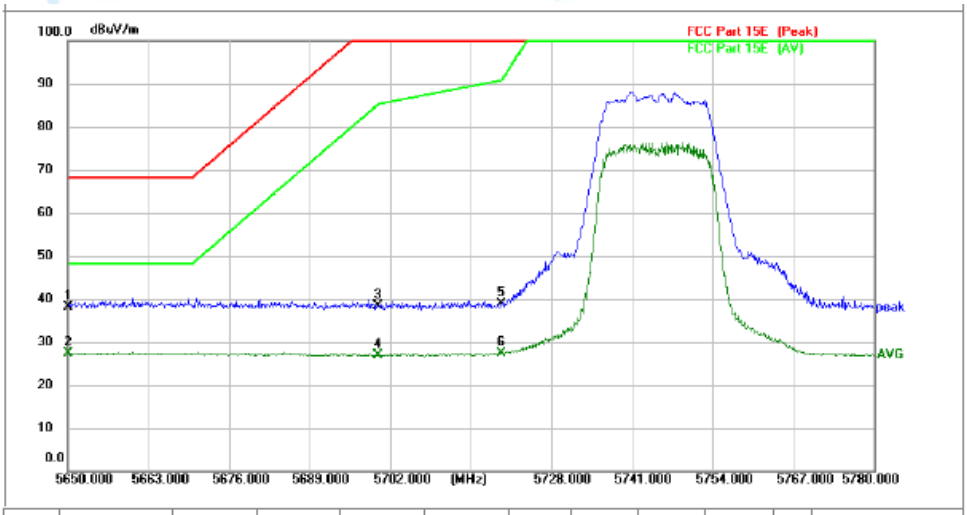
Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1, TM2, TM3				

3.5.2 Test Setup Diagram:



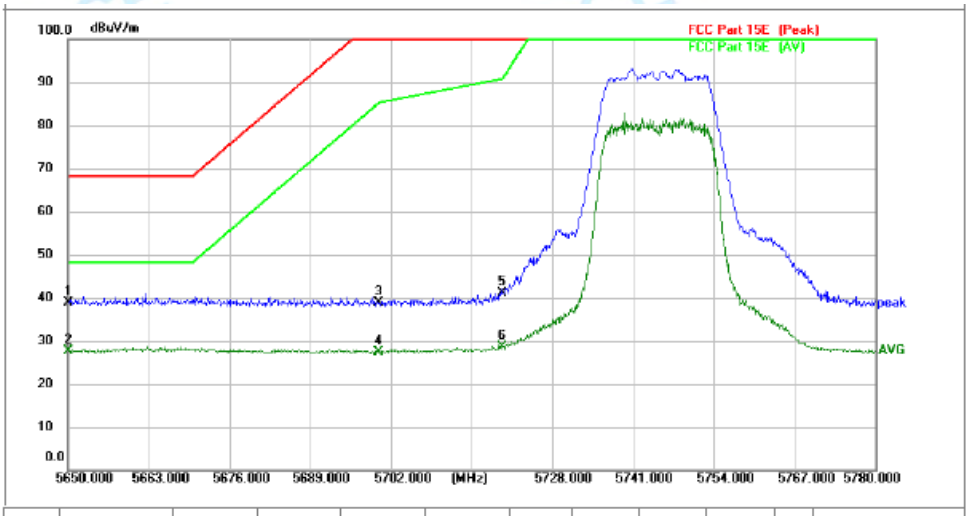
3.5.3 Test Data:

TM1 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: L



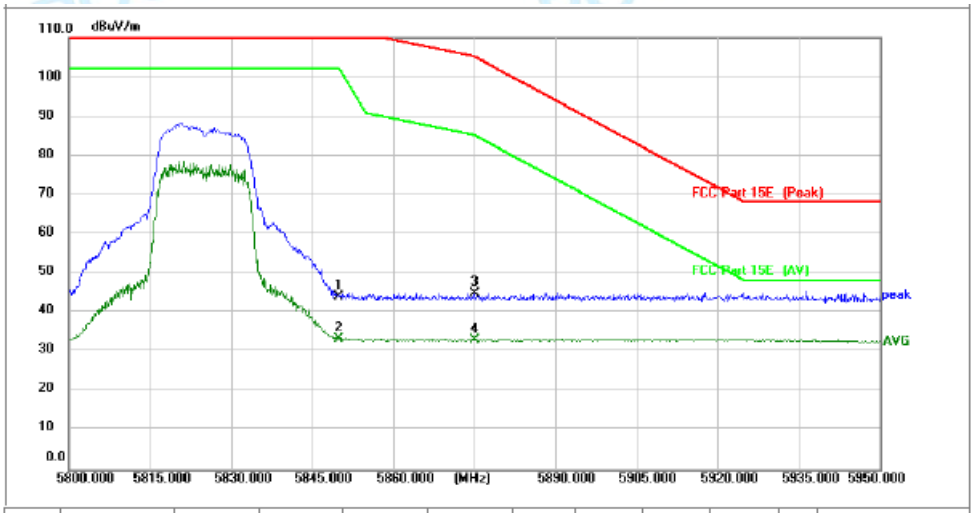
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5650.000	37.18	0.89	38.07	68.20	-30.13	peak			P	
2 *	5650.000	26.58	0.89	27.47	48.20	-20.73	AVG			P	
3	5700.000	37.36	0.95	38.31	105.20	-66.89	peak			P	
4	5700.000	26.01	0.95	26.96	85.20	-58.24	AVG			P	
5	5720.000	37.96	0.97	38.93	110.80	-71.87	peak			P	
6	5720.000	26.48	0.97	27.45	90.80	-63.35	AVG			P	

TM1 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: L



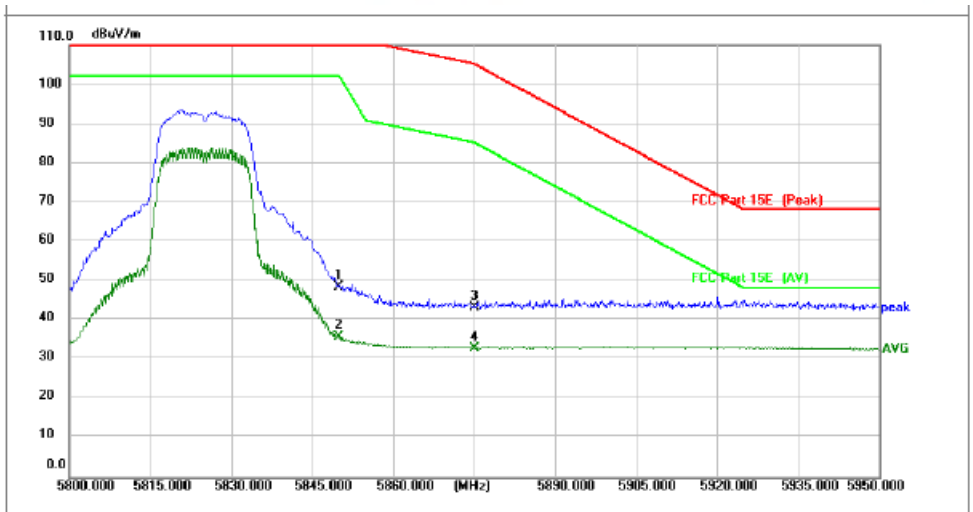
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5650.000	38.00	0.77	38.77	68.20	-29.43	peak	150		P	
2 *	5650.000	26.89	0.77	27.66	48.20	-20.54	AVG	150		P	
3	5700.000	38.06	0.80	38.86	105.20	-66.34	peak	150		P	
4	5700.000	26.66	0.80	27.46	85.20	-57.74	AVG	150		P	
5	5720.000	40.37	0.81	41.18	110.80	-69.62	peak	150		P	
6	5720.000	27.82	0.81	28.63	90.80	-62.17	AVG	150		P	

TM1 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: H



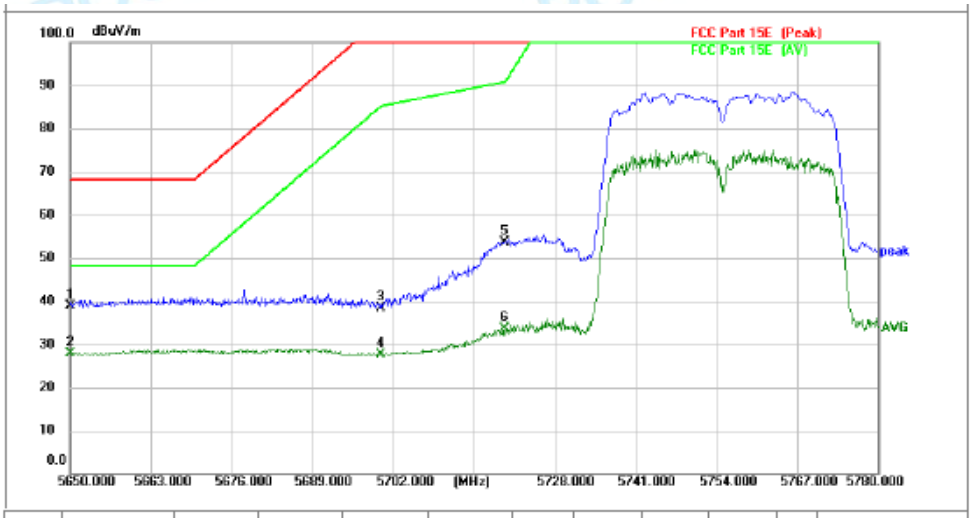
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5850.000	43.20	0.91	44.11	122.20	-78.09	peak	150		P	
2	5850.000	32.64	0.91	33.55	102.20	-68.65	AVG	150		P	
3	5875.000	43.99	0.92	44.91	105.20	-60.29	peak	150		P	
4 *	5875.000	32.09	0.92	33.01	85.20	-52.19	AVG	150		P	

TM1 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: H



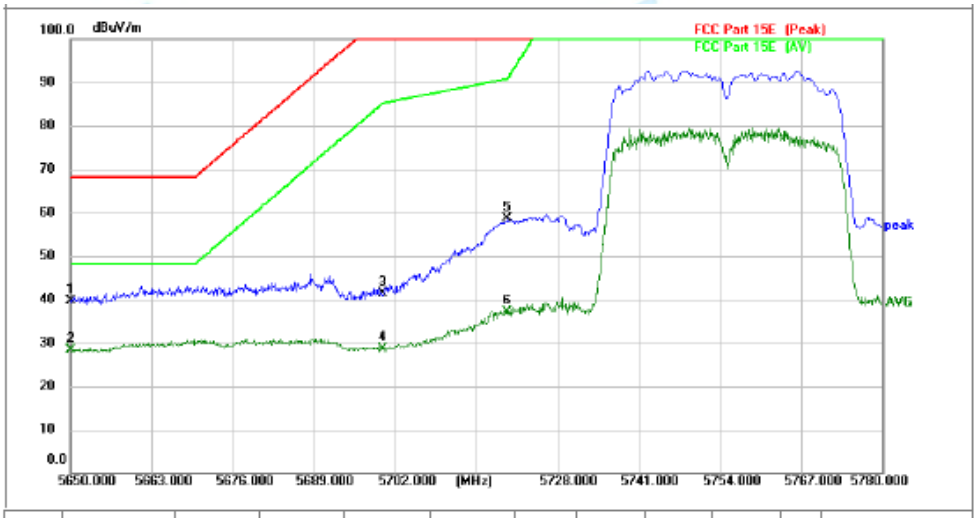
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5850.000	47.62	0.91	48.53	122.20	-73.67	peak	150		P	
2	5850.000	35.03	0.91	35.94	102.20	-66.26	AVG	150		P	
3	5875.000	42.34	0.92	43.26	105.20	-61.94	peak	150		P	
4 *	5875.000	32.08	0.92	33.00	85.20	-52.20	AVG	150		P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 40 / CH: L



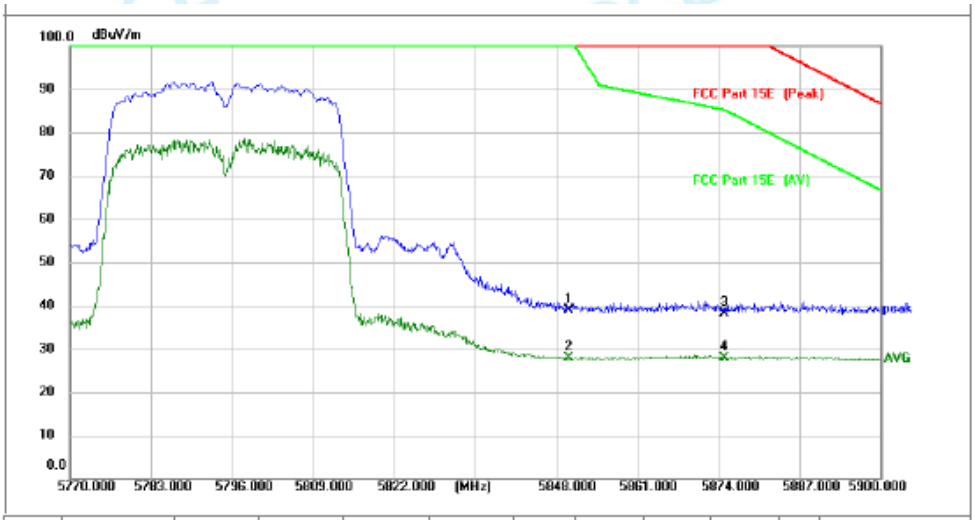
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5650.000	38.03	0.77	38.80	68.20	-29.40	peak	149		P	
2 *	5650.000	27.08	0.77	27.85	48.20	-20.35	AVG	149		P	
3	5700.000	37.70	0.80	38.50	105.20	-66.70	peak	149		P	
4	5700.000	26.88	0.80	27.68	85.20	-57.52	AVG	149		P	
5	5720.000	52.87	0.81	53.68	110.80	-57.12	peak	149		P	
6	5720.000	32.76	0.81	33.57	90.80	-57.23	AVG	149		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 40 / CH: L



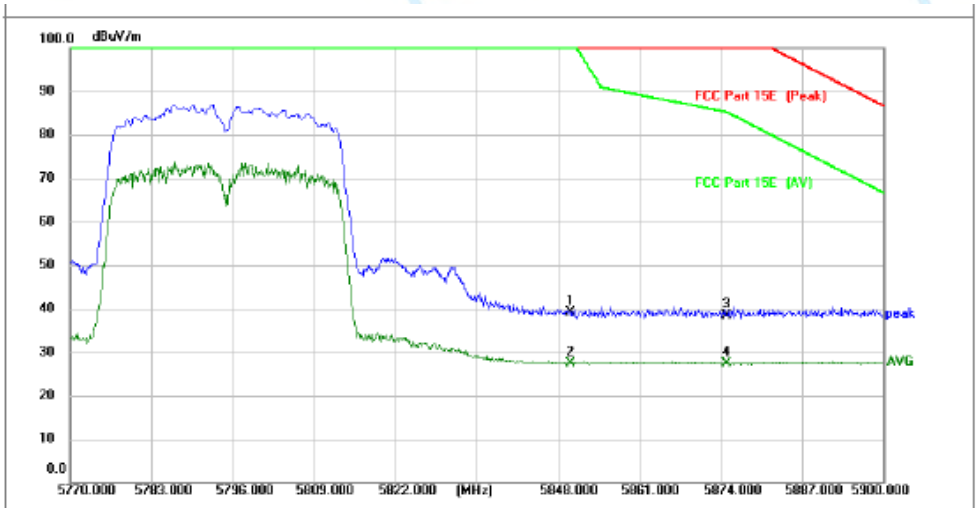
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5650.000	38.92	0.77	39.69	68.20	-28.51	peak			P	
2 *	5650.000	27.65	0.77	28.42	48.20	-19.78	AVG			P	
3	5700.000	40.67	0.80	41.47	105.20	-63.73	peak			P	
4	5700.000	27.94	0.80	28.74	85.20	-56.46	AVG			P	
5	5720.000	57.83	0.81	58.64	110.80	-52.16	peak			P	
6	5720.000	36.33	0.81	37.14	90.80	-53.66	AVG			P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 40 / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5850.000	37.67	1.13	38.80	122.20	-83.40	peak	149		P	
2	5850.000	26.84	1.13	27.97	102.20	-74.23	AVG	149		P	
3	5875.000	37.06	1.15	38.21	105.20	-66.99	peak	149		P	
4 *	5875.000	26.63	1.15	27.78	85.20	-57.42	AVG	149		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 40 / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	5850.000	38.12	0.91	39.03	122.20	-83.17	peak			P	
2	5850.000	26.56	0.91	27.47	102.20	-74.73	AVG			P	
3	5875.000	37.42	0.92	38.34	105.20	-66.86	peak			P	
4 *	5875.000	26.36	0.92	27.28	85.20	-57.92	AVG			P	

Mesurement Level = Reading level + Correct Factor, Margin= Level - Limit

3.6 Undesirable emission limits (below 1GHz)

<table>
<tr><td>Test Requirement:</td><td>47 CFR Part 15.407(b)(9)</td></tr>
<tr><td>Test Limit:</td><td>Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:
<table>
<tr><td>Frequency (MHz)</td><td>Field strength (microvolts/meter)</td><td>Measurement distance (meters)</td></tr>
<tr><td>0.009-0.490</td><td>2400/F(kHz)</td><td>300</td></tr>
<tr><td>0.490-1.705</td><td>24000/F(kHz)</td><td>30</td></tr>
<tr><td>1.705-30.0</td><td>30</td><td>30</td></tr>
<tr><td>30-88</td><td>100 **</td><td>3</td></tr>
<tr><td>88-216</td><td>150 **</td><td>3</td></tr>
<tr><td>216-960</td><td>200 **</td><td>3</td></tr>
<tr><td>Above 960</td><td>500</td><td>3</td></tr>
</table>
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241.
In the emission table above, the tighter limit applies at the band edges.
The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.</td></tr>
<tr><td>Test Method:</td><td>ANSI C63.10-2013, section 12.7.4, 12.7.5</td></tr>
<tr><td>Procedure:</td><td>Below 1GHz:
a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. 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.
d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. 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 quasi-peak method as specified and then reported in a data sheet.
g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
i. Repeat above procedures until all frequencies measured was complete.
Remark:
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor</td></tr>
</table>

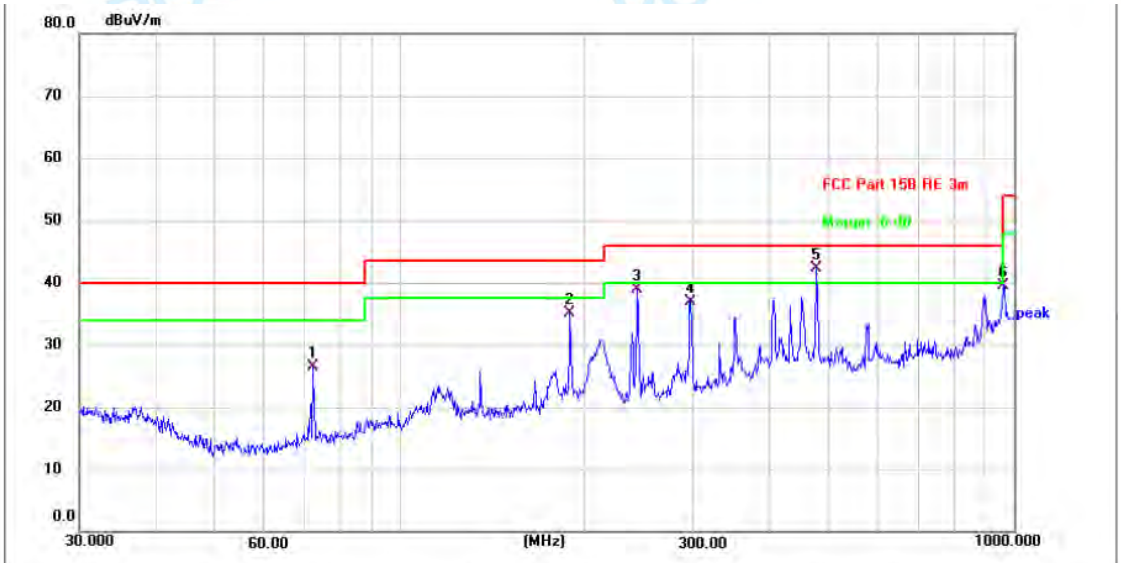
	2. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. Above 1GHz: a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. 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. d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. 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 or average method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. i. Repeat above procedures until all frequencies measured was complete. Remark: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report. 4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

3.6.1 E.U.T. Operation:

Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1(worse case)				

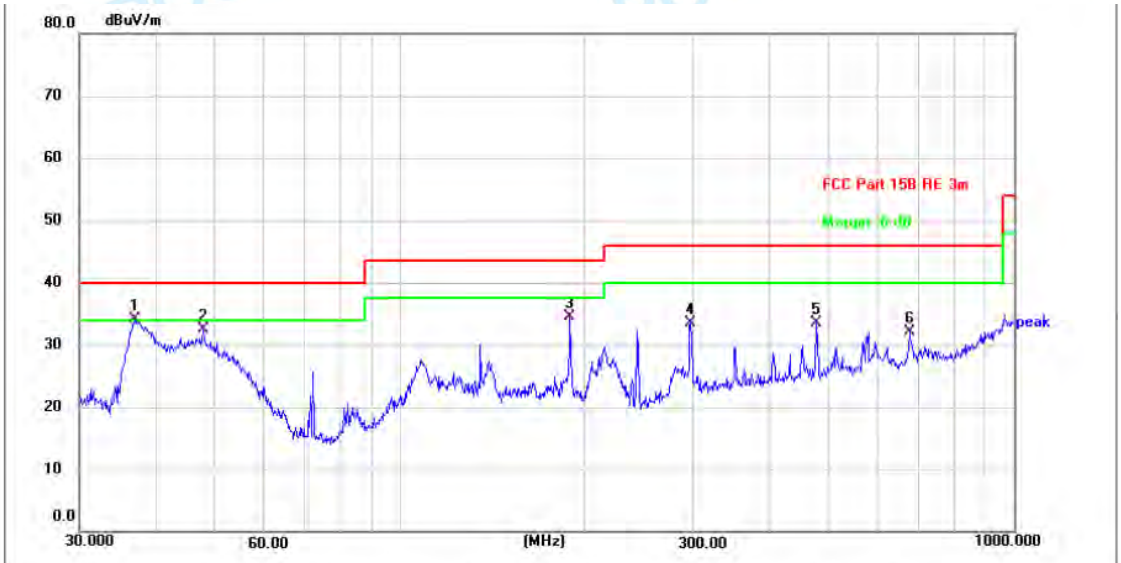
3.6.2 Test Data:

TM1 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	72.0843	34.85	-8.40	26.45	40.00	-13.55	QP	100		P	
2	189.0743	38.20	-3.03	35.17	43.50	-8.33	QP	100		P	
3	243.3772	41.19	-2.24	38.95	46.00	-7.05	QP	100		P	
4	297.2241	36.46	0.53	36.99	46.00	-9.01	QP	100		P	
5 *	475.4991	40.79	1.52	42.31	46.00	-3.69	QP	100		P	
6	958.7943	30.26	9.34	39.60	46.00	-6.40	QP	100		P	

TM1 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: L



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	37.0248	38.83	-4.76	34.07	40.00	-5.93	QP	100		P	
2	47.8260	41.39	-8.93	32.46	40.00	-7.54	QP	100		P	
3	189.0743	37.62	-3.03	34.59	43.50	-8.91	QP	100		P	
4	297.2241	33.63	-0.22	33.41	46.00	-12.59	QP	100		P	
5	475.4991	31.91	1.52	33.43	46.00	-12.57	QP	100		P	
6	675.2080	27.65	4.40	32.05	46.00	-13.95	QP	100		P	

3.7 Undesirable emission limits (above 1GHz)

Test Requirement:	47 CFR Part 15.407(b)(4) 47 CFR Part 15.407(b)(10)
Test Limit:	For transmitters operating solely in the 5.725-5.850 GHz band: 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.

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2]Above 38.6

The field strength of emissions appearing within these frequency bands shall not exceed the limits shown in § 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in § 15.209shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in § 15.209shall be demonstrated based on the average value of the measured emissions. The provisions in § 15.35apply to these measurements.

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)

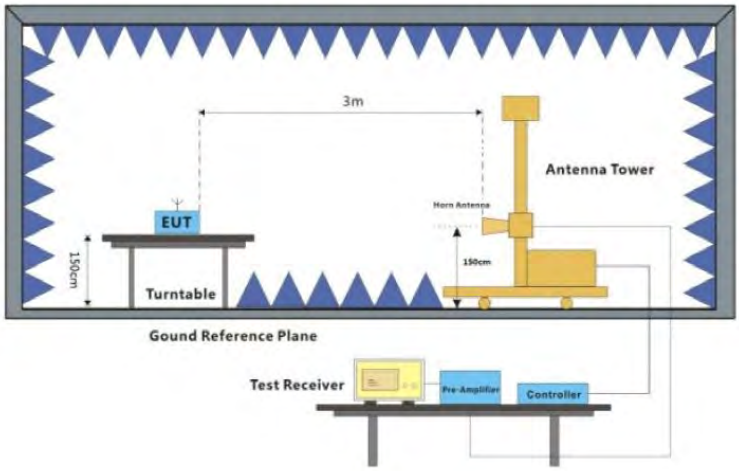
	0.009-0.490 | 2400/F(kHz) | 300 0.490-1.705 | 24000/F(kHz) | 30 1.705-30.0 | 30 | 30 30-88 | 100 ** | 3 88-216 | 150 ** | 3 216-960 | 200 ** | 3 Above 960 | 500 | 3 ** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241. In the emission table above, the tighter limit applies at the band edges. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
Test Method:	ANSI C63.10-2013, section 12.7.4, 12.7.6, 12.7.7
Procedure:	Above 1GHz: a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. 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. d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. 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 or average method as specified and then reported in a data sheet. g. Test the EUT in the lowest channel, the middle channel, the Highest channel. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case. i. Repeat above procedures until all frequencies measured was complete. Remark: 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor 2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported. 3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report. 4. The disturbance above 18GHz were very low and the harmonics were the

	highest point could be found when testing, so only the above harmonics had been displayed.

3.7.1 E.U.T. Operation:

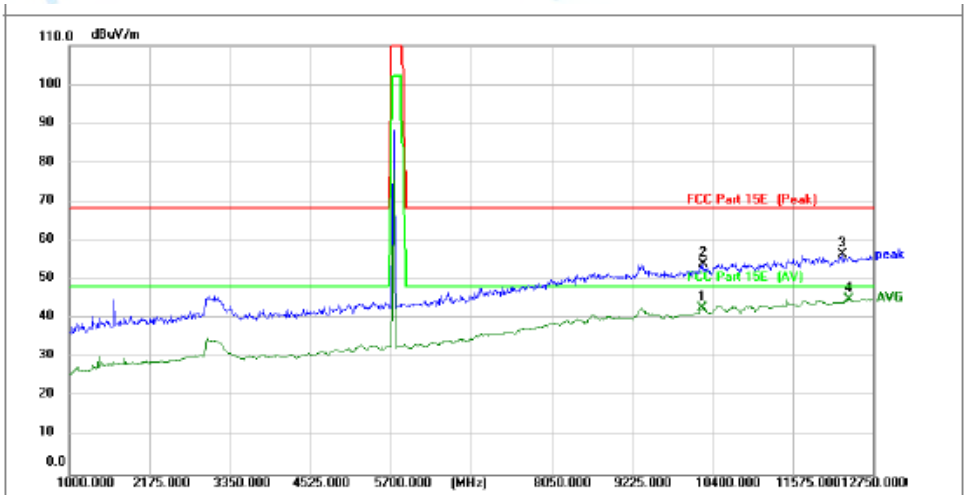
Operating Environment:					
Temperature:	22.5 °C	Humidity:	49.3 %	Atmospheric Pressure:	101 kPa
Pretest mode:	TM1, TM2, TM3				
Final test mode:	TM1, TM2, TM3				

3.7.2 Test Setup Diagram:



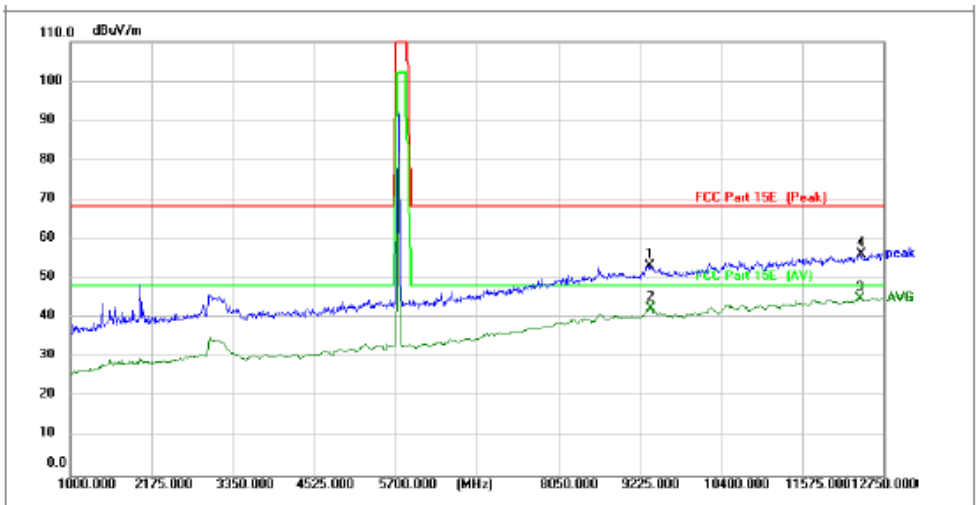
3.7.3 Test Data:

TM1 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: L



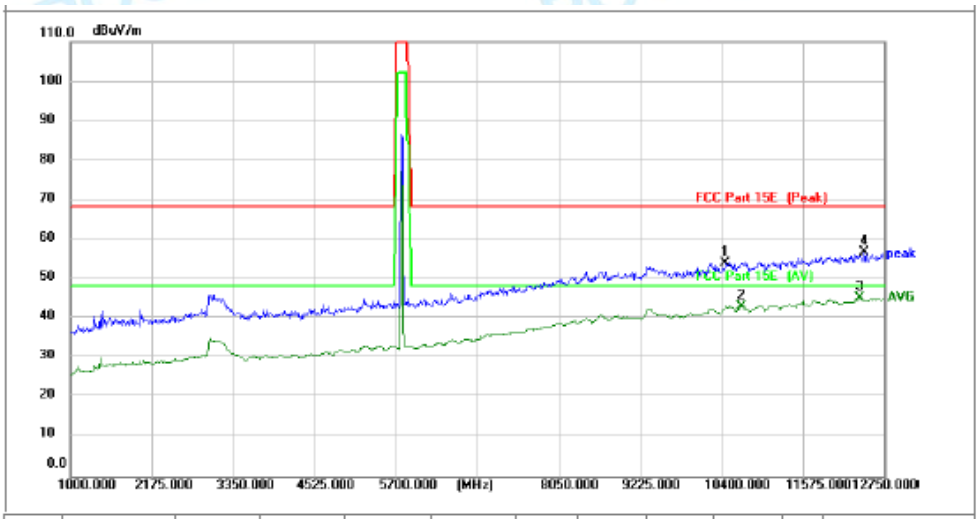
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10247.250	34.20	8.55	42.75	48.20	-5.45	AVG	150		P	
2	10259.000	45.53	8.56	54.09	68.20	-14.11	peak	150		P	
3	12303.500	45.77	10.62	56.39	68.20	-11.81	peak	150		P	
4 *	12397.500	34.22	10.82	45.04	48.20	-3.16	AVG	150		P	

TM1 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: L



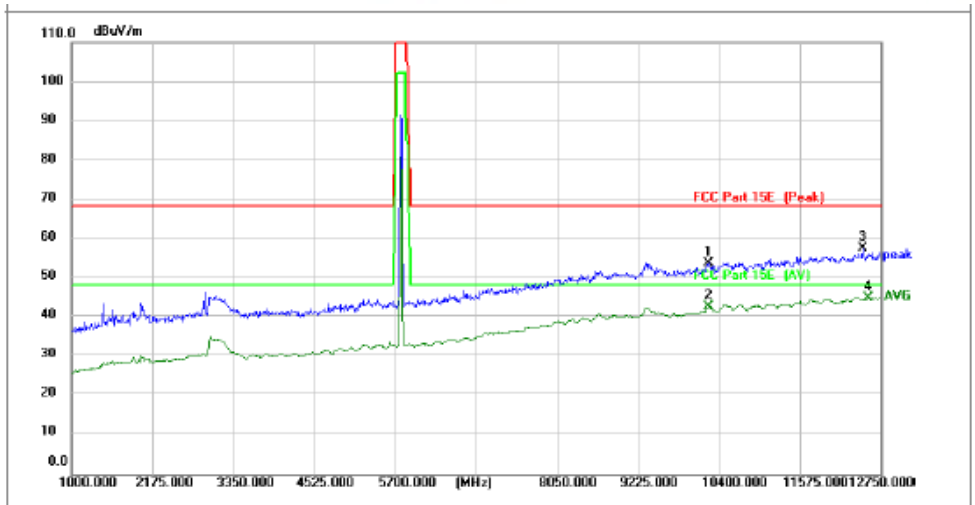
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9377.750	45.18	8.07	53.25	68.20	-14.95	peak	150		P	
2	9389.500	34.37	8.08	42.45	48.20	-5.75	AVG	150		P	
3 *	12409.250	34.22	10.84	45.06	48.20	-3.14	AVG	150		P	
4	12421.000	45.46	10.87	56.33	68.20	-11.87	peak	150		P	

TM1 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: M



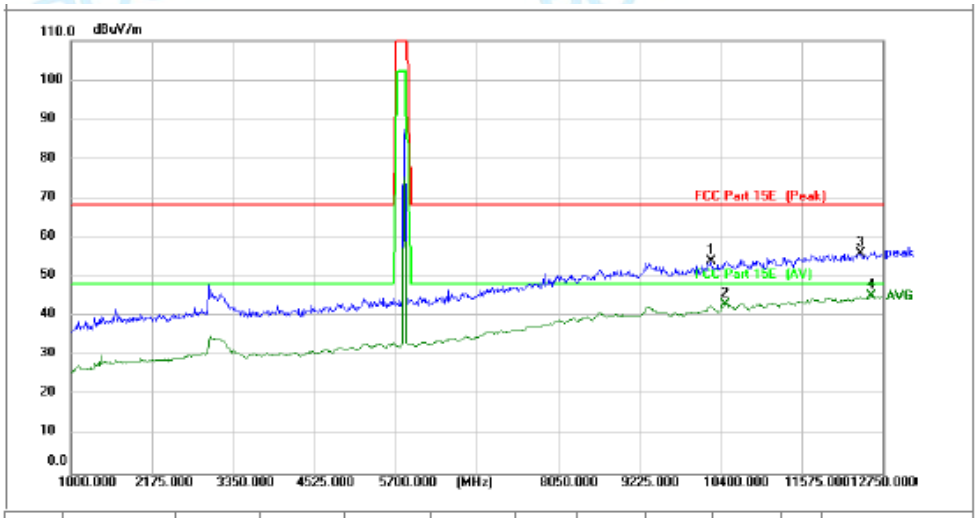
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10458.750	45.14	8.92	54.06	68.20	-14.14	peak	150		P	
2	10682.000	34.00	9.13	43.13	48.20	-5.07	AVG	150		P	
3 *	12397.500	34.54	10.82	45.36	48.20	-2.84	AVG	150		P	
4	12456.250	45.94	10.94	56.88	68.20	-11.32	peak	150		P	

TM1 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: M



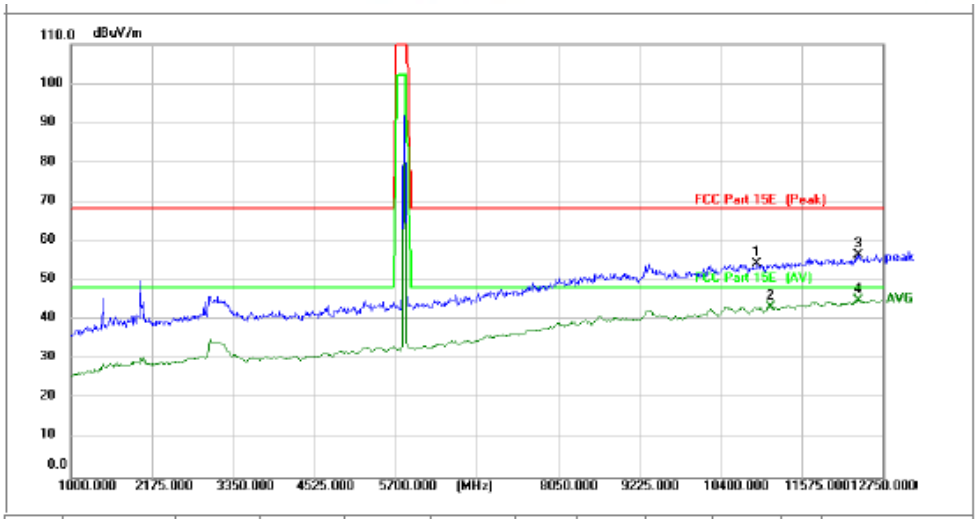
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10247.250	45.30	8.47	53.77	68.20	-14.43	peak	150		P	
2	10247.250	34.17	8.47	42.64	48.20	-5.56	AVG	150		P	
3	12491.500	46.47	11.17	57.64	68.20	-10.56	peak	150		P	
4 *	12562.000	33.68	11.28	44.96	48.20	-3.24	AVG	150		P	

TM1 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: H



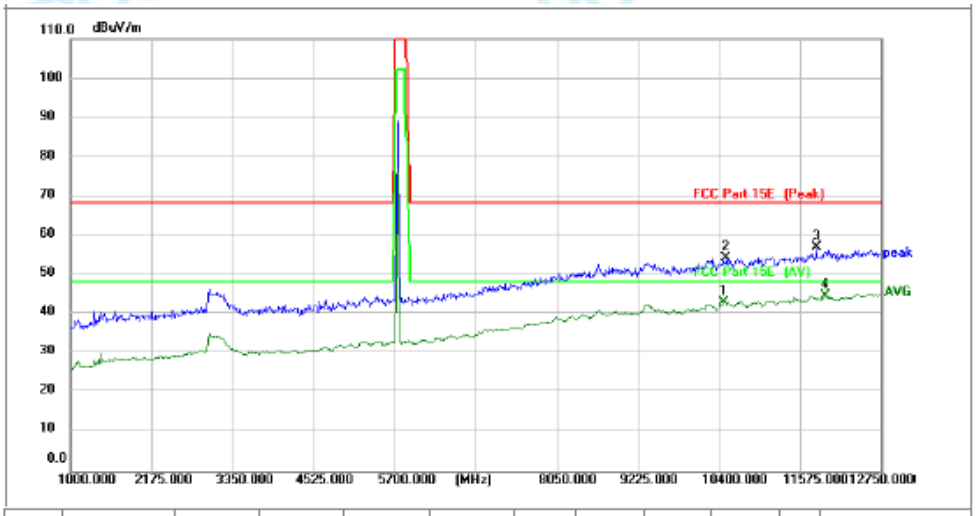
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10259.000	45.36	8.56	53.92	68.20	-14.28	peak	150		P	
2	10470.500	34.14	8.95	43.09	48.20	-5.11	AVG	150		P	
3	12421.000	45.17	10.87	56.04	68.20	-12.16	peak	150		P	
4 *	12585.500	34.00	11.16	45.16	48.20	-3.04	AVG	150		P	

TM1 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: H



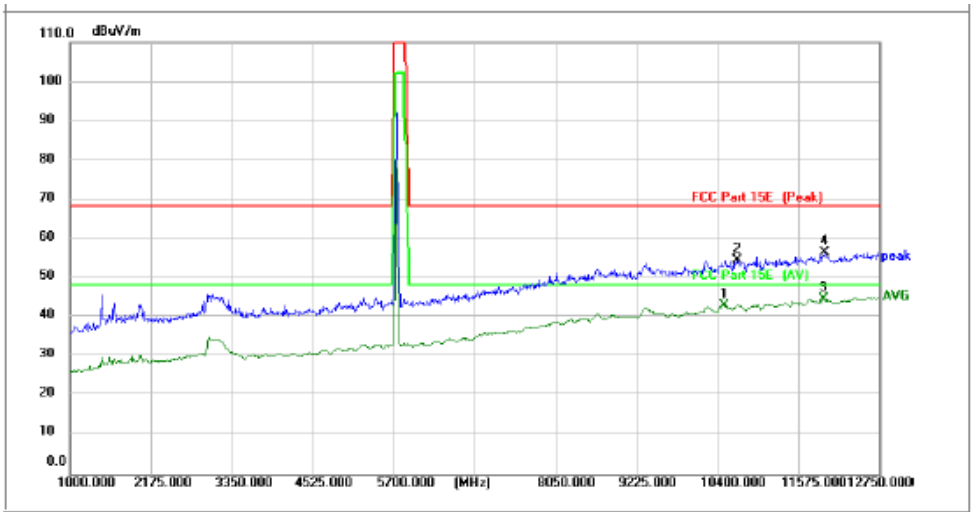
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10928.750	45.29	8.97	54.26	68.20	-13.94	peak	150		P	
2	11128.500	34.23	9.19	43.42	48.20	-4.78	AVG	150		P	
3	12397.500	45.38	11.00	56.38	68.20	-11.82	peak	150		P	
4 *	12397.500	34.02	11.00	45.02	48.20	-3.18	AVG	150		P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: L



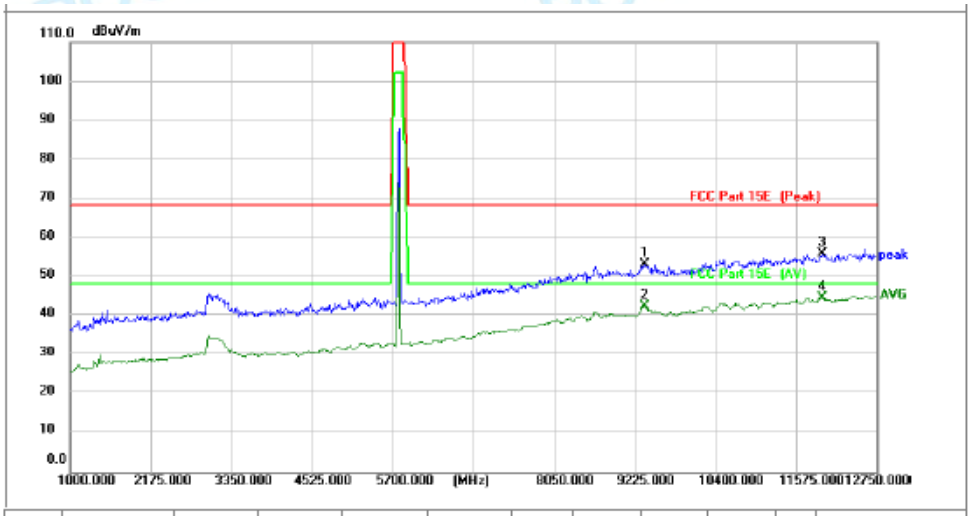
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10470.500	34.07	8.95	43.02	68.20	-5.18	AVG	150		P	
2	10505.750	45.37	9.01	54.38	68.20	-13.82	peak	150		P	
3	11810.000	47.07	9.88	56.95	68.20	-11.25	peak	150		P	
4 *	11939.250	34.66	9.97	44.63	68.20	-3.57	AVG	150		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: L



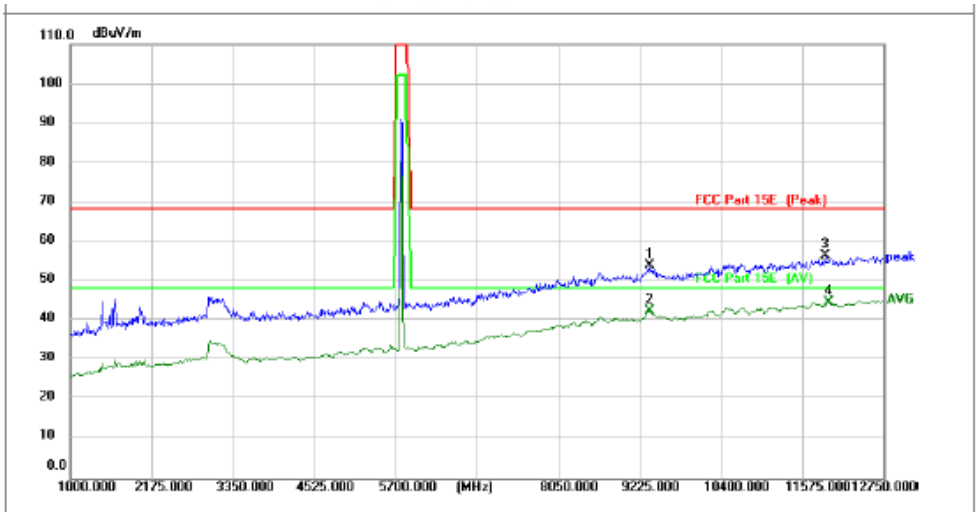
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	10505.750	34.38	8.66	43.04	68.20	-5.16	AVG	150		P	
2	10693.750	45.75	8.80	54.55	68.20	-13.65	peak	150		P	
3 *	11939.250	34.46	10.23	44.69	68.20	-3.51	AVG	150		P	
4	11951.000	46.19	10.24	56.43	68.20	-11.77	peak	150		P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: M



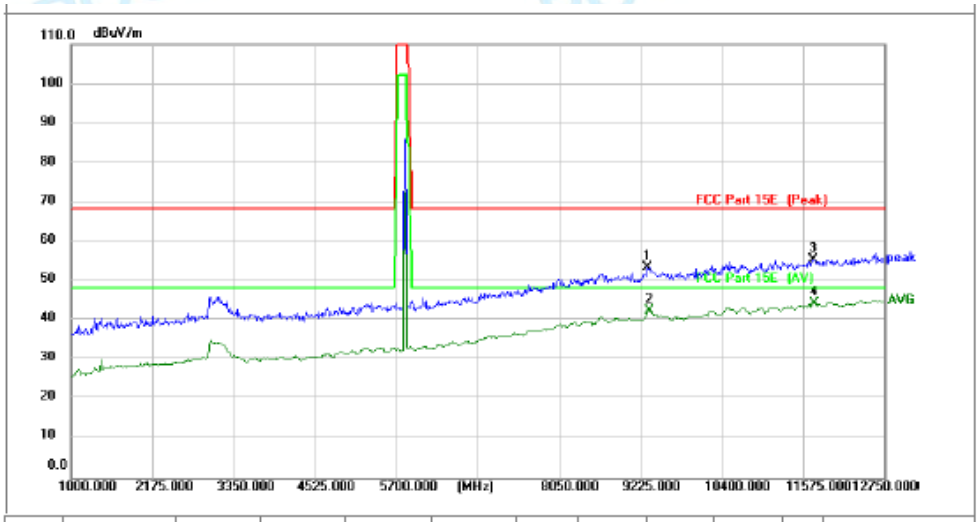
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9377.750	45.24	8.07	53.31	68.20	-14.89	peak	150		P	
2	9377.750	34.44	8.07	42.51	48.20	-5.69	AVG	150		P	
3	11951.000	46.06	9.97	56.03	68.20	-12.17	peak	150		P	
4 *	11962.750	34.66	9.99	44.65	48.20	-3.55	AVG	150		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: M



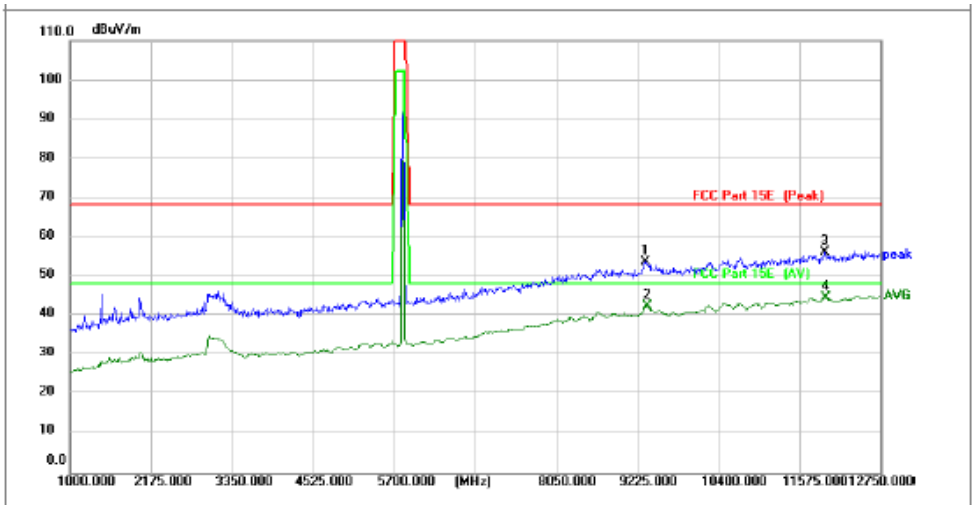
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9366.000	46.06	7.85	53.91	68.20	-14.29	peak	150		P	
2	9377.750	34.54	7.86	42.40	48.20	-5.80	AVG	150		P	
3	11904.000	46.29	10.18	56.47	68.20	-11.73	peak	150		P	
4 *	11962.750	34.32	10.26	44.58	48.20	-3.62	AVG	150		P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 20 / CH: H



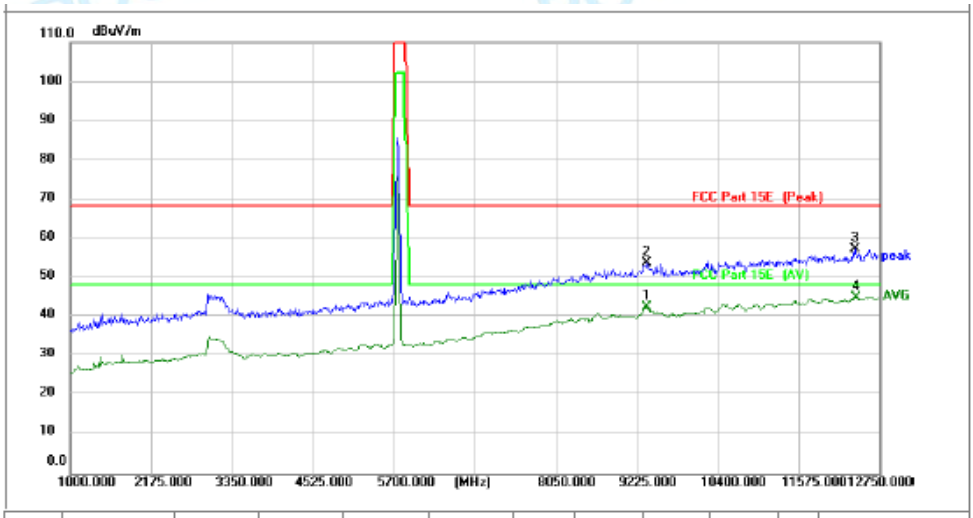
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9330.750	45.56	8.06	53.62	68.20	-14.58	peak	150		P	
2	9354.250	34.50	8.06	42.56	48.20	-5.64	AVG	150		P	
3	11716.000	45.73	9.82	55.55	68.20	-12.65	peak	150		P	
4 *	11739.500	34.60	9.84	44.44	48.20	-3.76	AVG	150		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 20 / CH: H



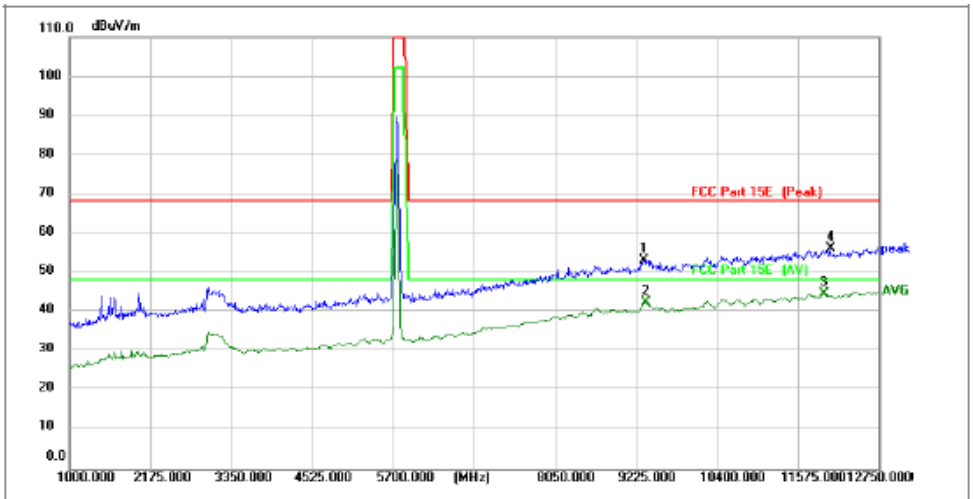
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9342.500	45.88	7.84	53.72	68.20	-14.48	peak	150		P	
2	9366.000	34.68	7.85	42.53	48.20	-5.67	AVG	150		P	
3	11939.250	45.92	10.23	56.15	68.20	-12.05	peak	150		P	
4 *	11962.750	34.39	10.26	44.65	48.20	-3.55	AVG	150		P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 40 / CH: L



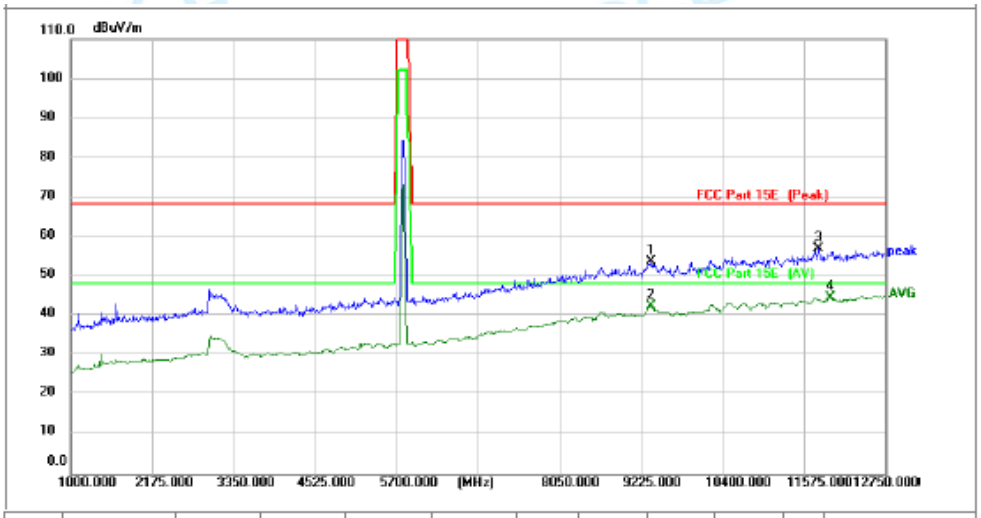
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9366.000	34.54	8.07	42.61	48.20	-5.59	AVG	150		P	
2	9377.750	45.56	8.07	53.63	68.20	-14.57	peak	150		P	
3	12397.500	46.60	10.82	57.42	68.20	-10.78	peak	150		P	
4 *	12409.250	34.24	10.84	45.08	48.20	-3.12	AVG	150		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 40 / CH: L



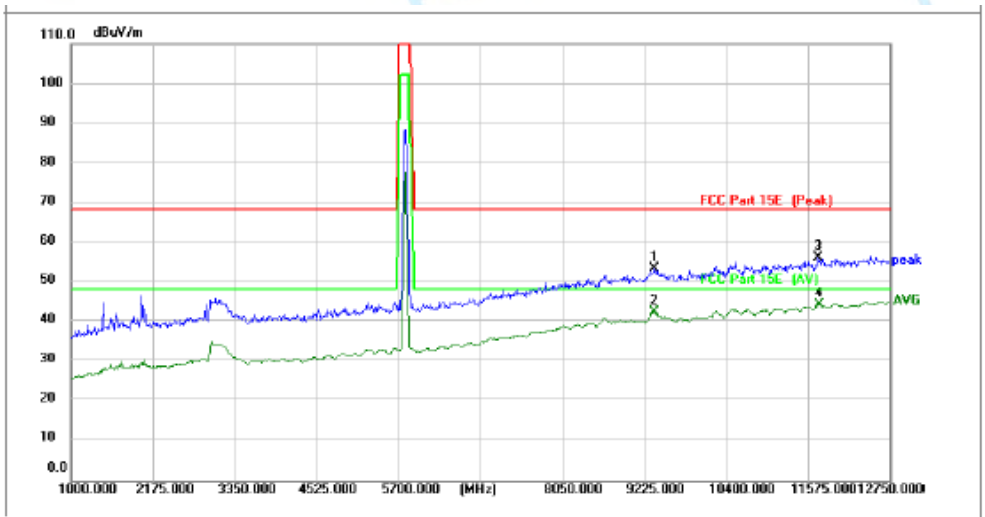
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9342.500	45.51	7.84	53.35	68.20	-14.85	peak	150		P	
2	9366.000	34.63	7.85	42.48	48.20	-5.72	AVG	150		P	
3 *	11962.750	34.36	10.26	44.62	48.20	-3.58	AVG	150		P	
4	12045.000	45.80	10.38	56.18	68.20	-12.02	peak	150		P	

TM2 / Polarization: Horizontal / Band: 5725-5850 MHz / BW: 40 / CH: H



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9377.750	45.67	8.07	53.74	68.20	-14.46	peak	150		P	
2	9377.750	34.41	8.07	42.48	48.20	-5.72	AVG	150		P	
3	11786.500	47.20	9.85	57.05	68.20	-11.15	peak	150		P	
4 *	11962.750	34.67	9.99	44.66	48.20	-3.54	AVG	150		P	

TM2 / Polarization: Vertical / Band: 5725-5850 MHz / BW: 40 / CH: H



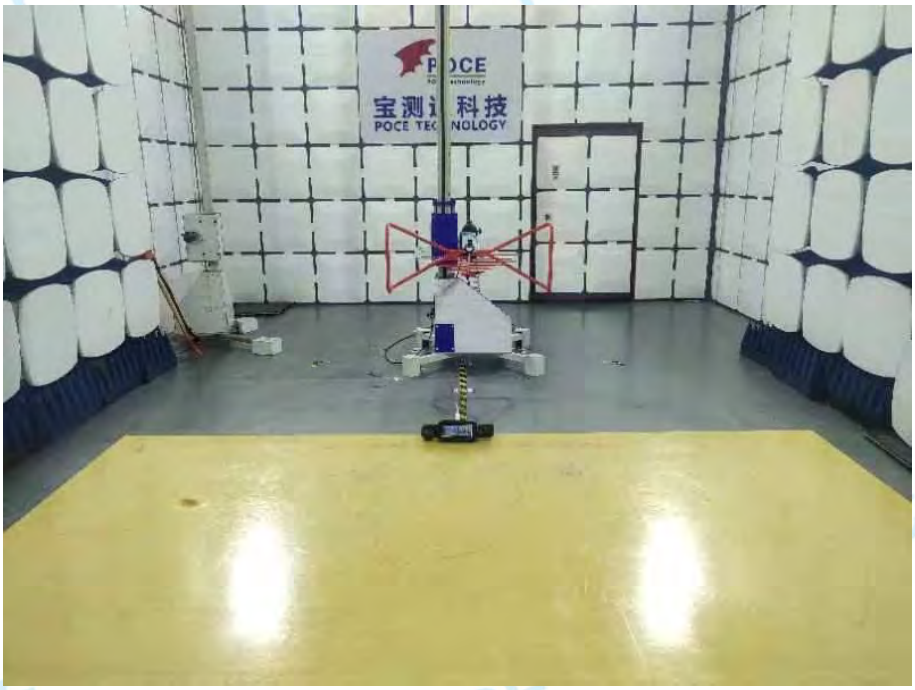
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	9366.000	45.52	7.85	53.37	68.20	-14.83	peak	150		P	
2	9366.000	34.65	7.85	42.50	48.20	-5.70	AVG	150		P	
3	11727.750	46.30	9.96	56.26	68.20	-11.94	peak	150		P	
4 *	11739.500	34.56	9.98	44.54	48.20	-3.66	AVG	150		P	

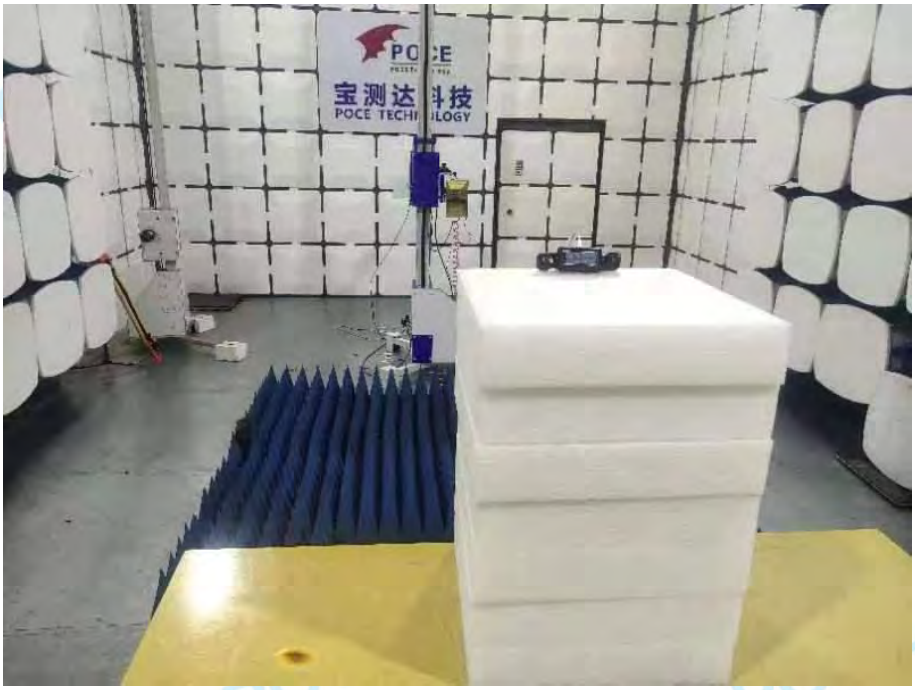
Remark: Margin = Level - Limit

Correction Factor= Antenna Factor + Cable loss – Pre-amplifier

Level=Test receiver reading + correction factor

4 TEST SETUP PHOTOS

Undesirable emission limits (below 1GHz)


Undesirable emission limits (above 1GHz)


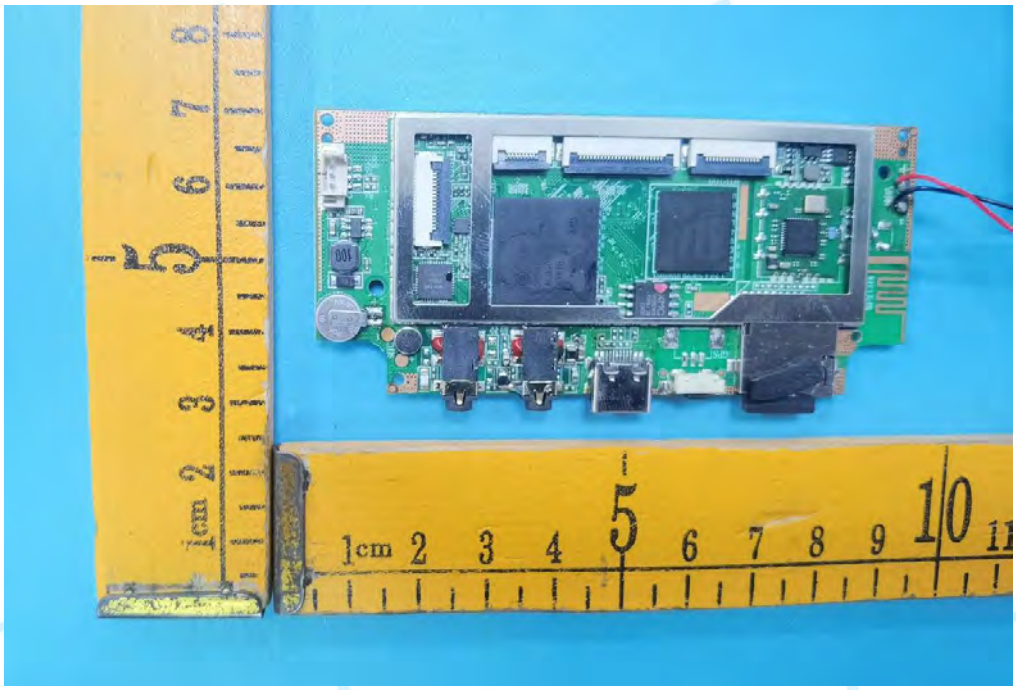
5 PHOTOS OF THE EUT

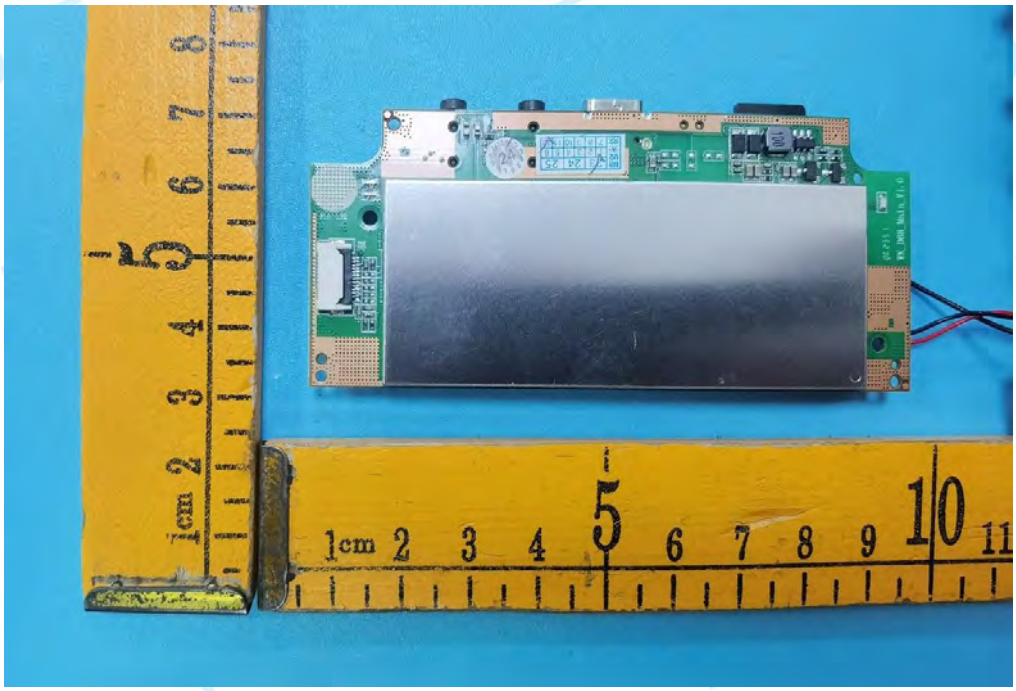
External

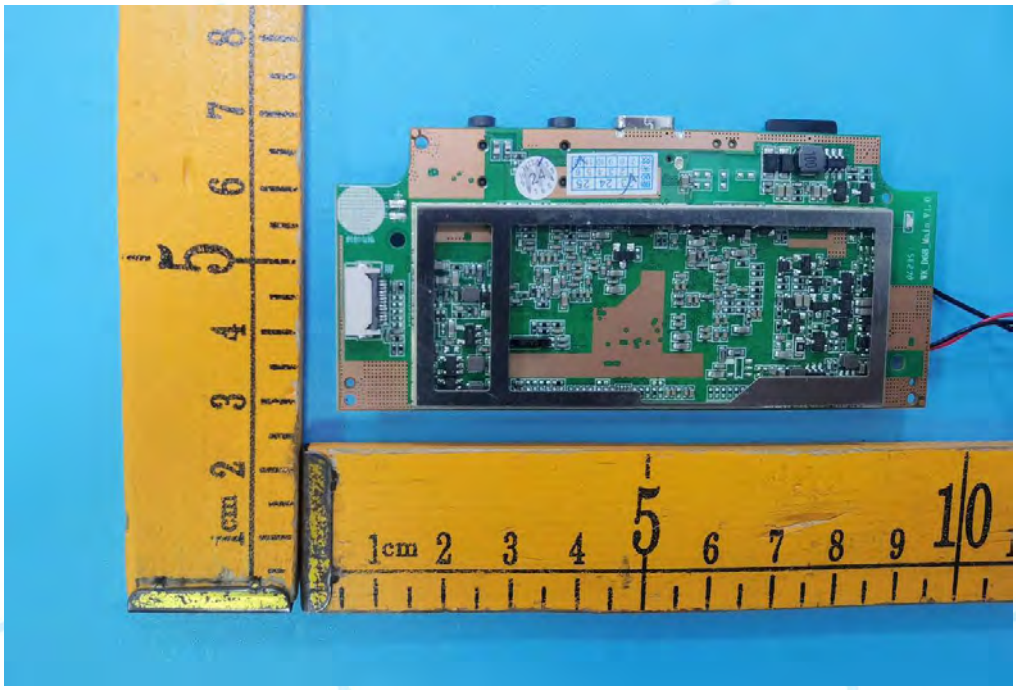


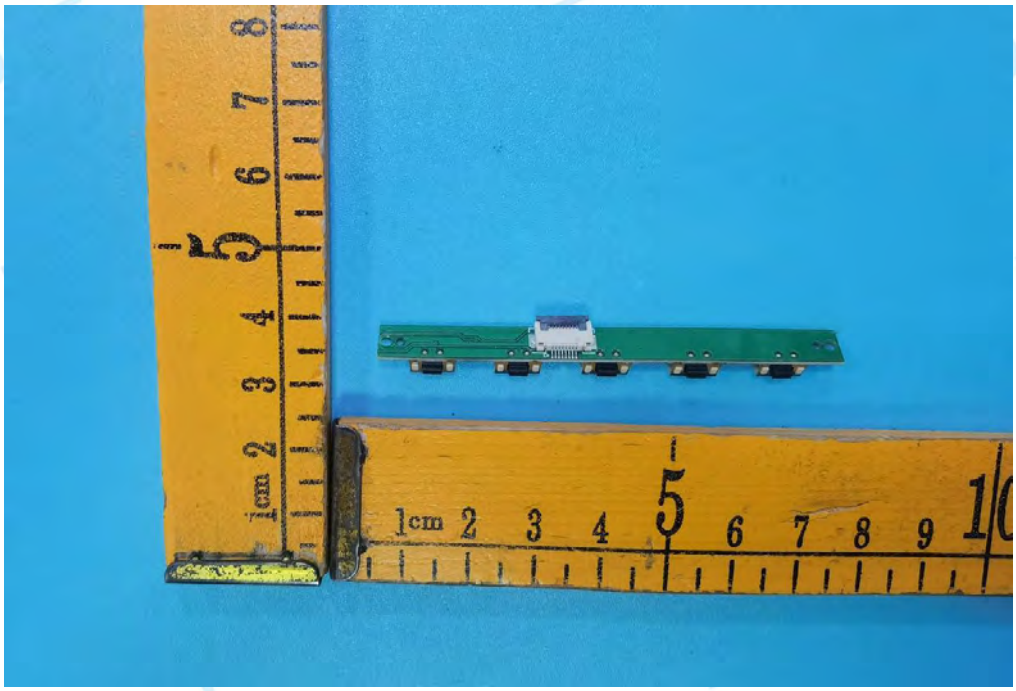
GPS
Rear
Power
Reset

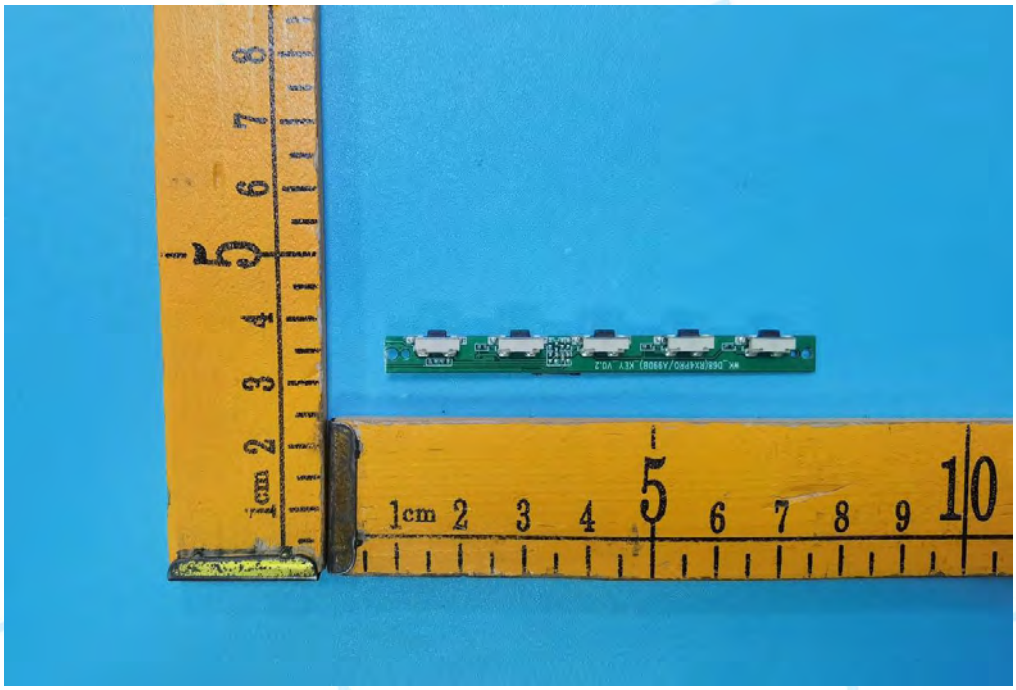
Internal

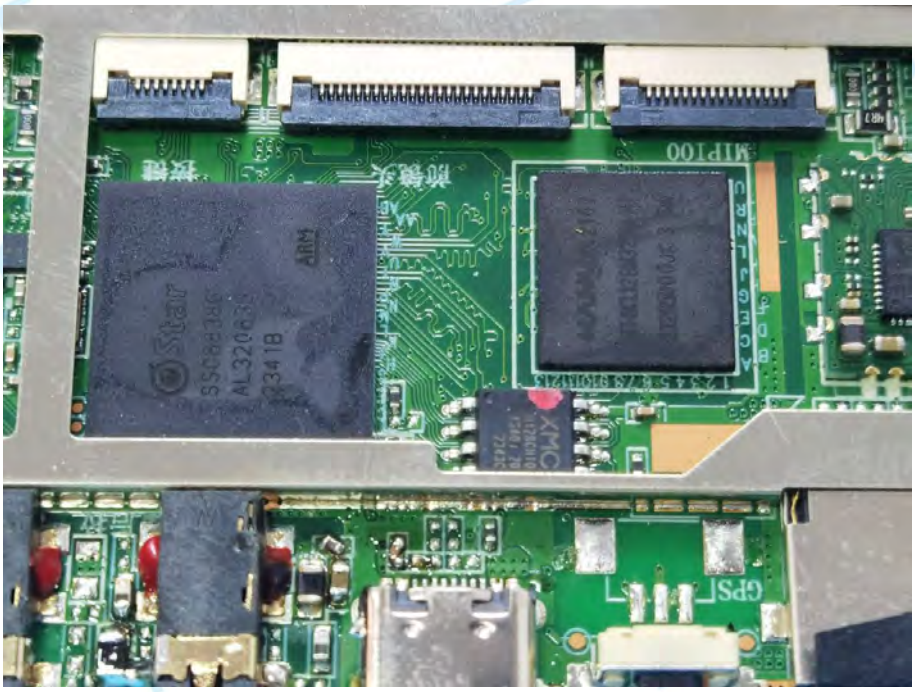


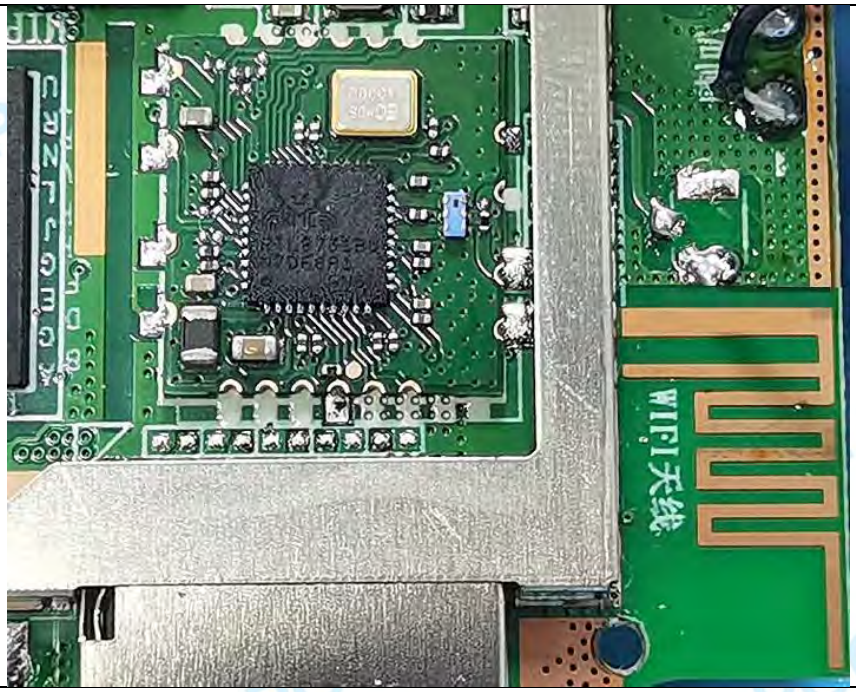







1cm 2 3 4 5 6 7 8 9 10


MIPI100
ARM
GPS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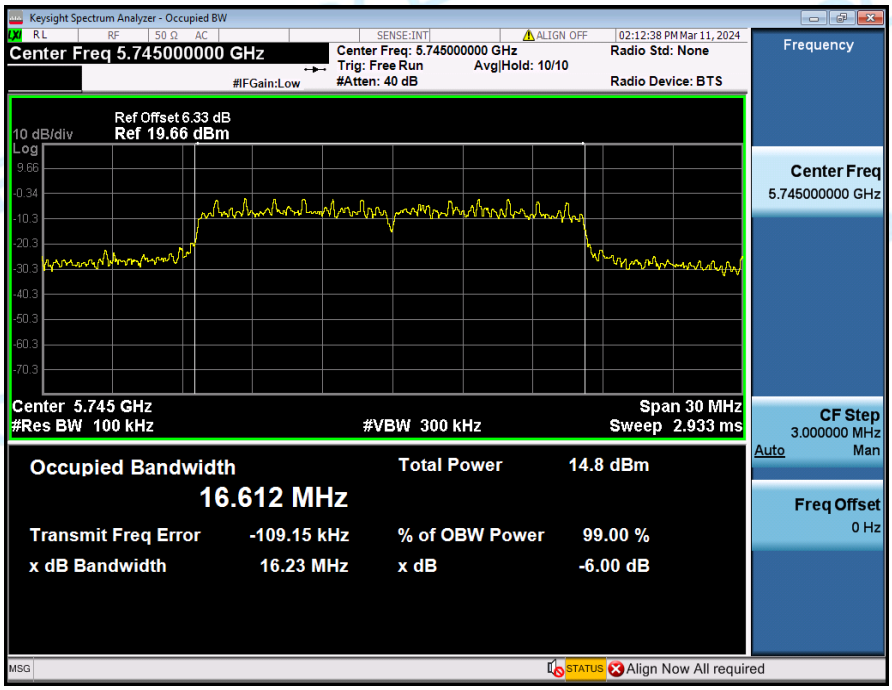
Appendix

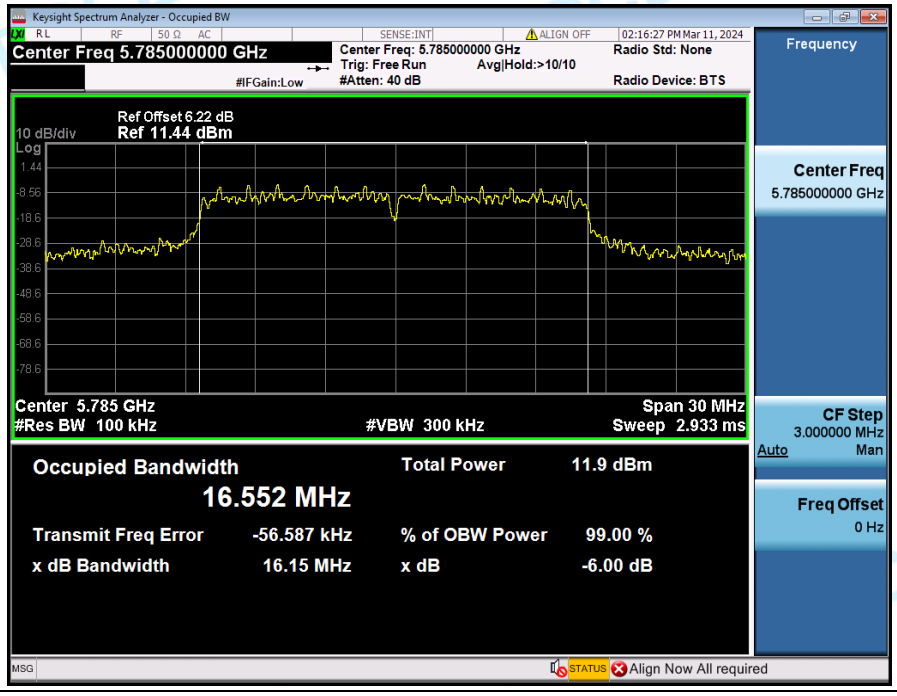
1. -6dB Emission Bandwidth

Condition	Antenna	Mode	Frequency(MHz)	-6dB_Emission_Bandwidth (MHz)	Limit(MHz)	Result
NVNT	ANT1	LCH	5745.00	16.226	0.500	Pass
NVNT	ANT1	MCH	5785.00	16.155	0.500	Pass
NVNT	ANT1	HCH	5825.00	16.002	0.500	Pass
NVNT	ANT1	LCH	5745.00	16.287	0.500	Pass
NVNT	ANT1	MCH	5785.00	16.293	0.500	Pass
NVNT	ANT1	HCH	5825.00	15.480	0.500	Pass
NVNT	ANT1	LCH	5755.00	35.125	0.500	Pass
NVNT	ANT1	HCH	5795.00	35.144	0.500	Pass

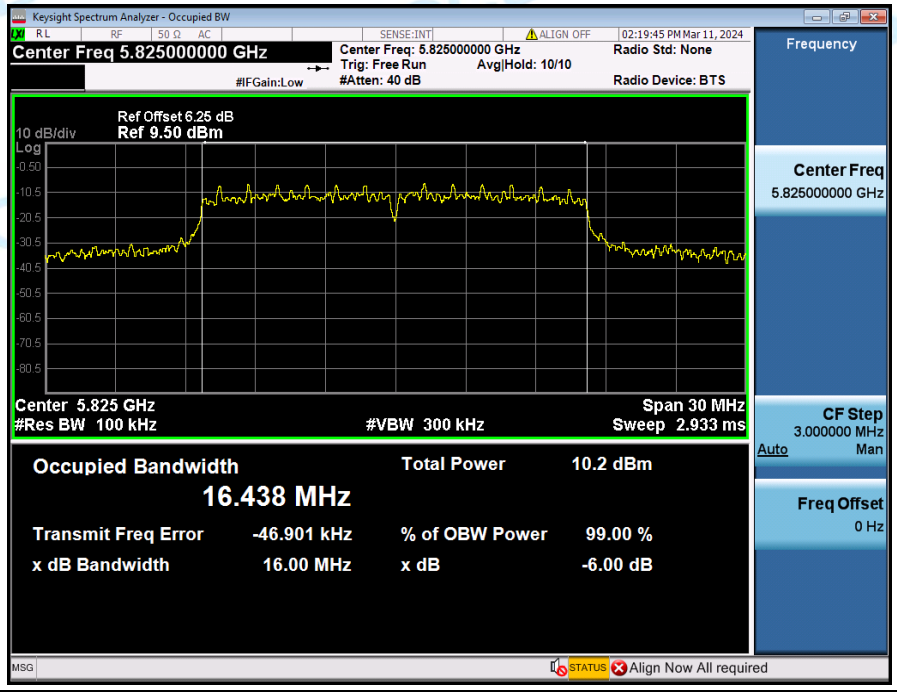
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5745_20M



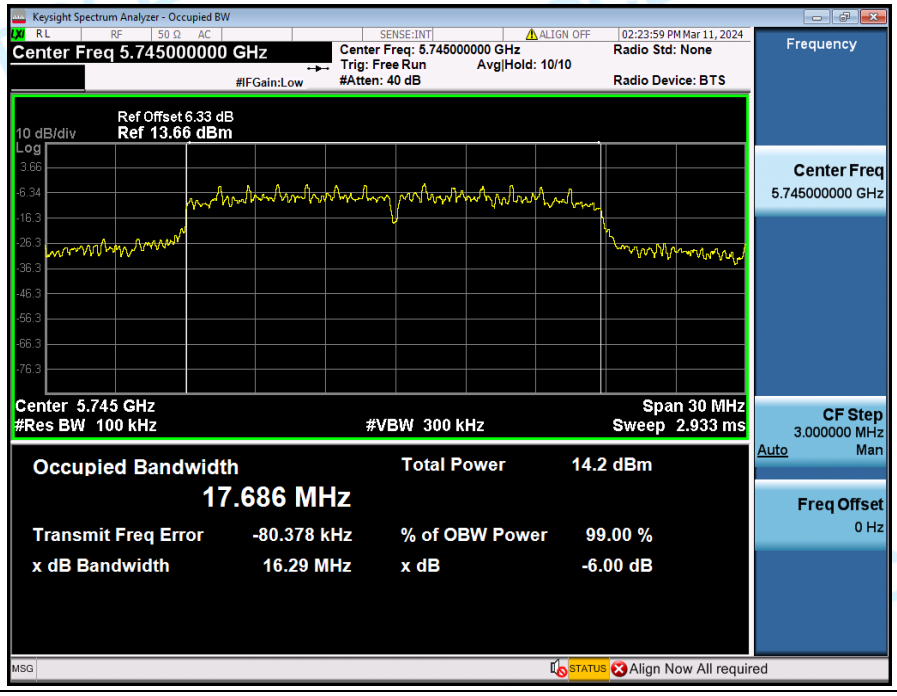
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5785_20M



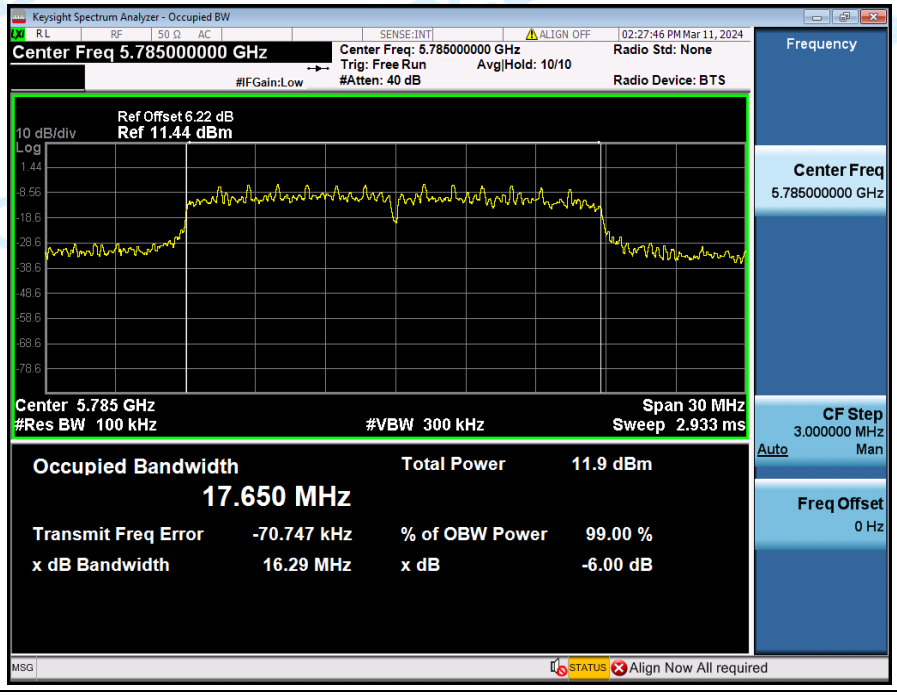
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11a_5825_20M



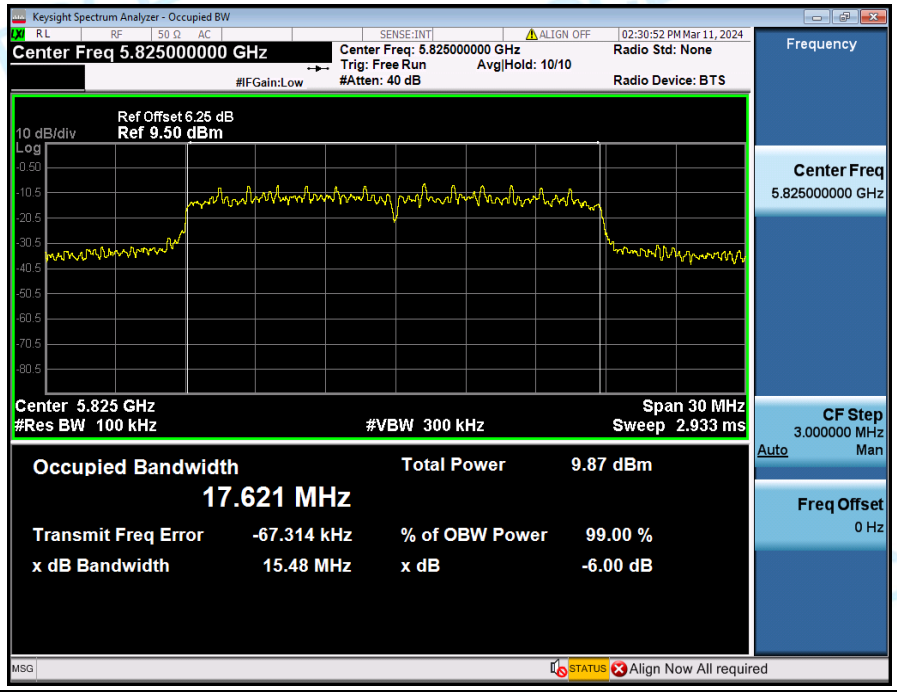
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5745_20M



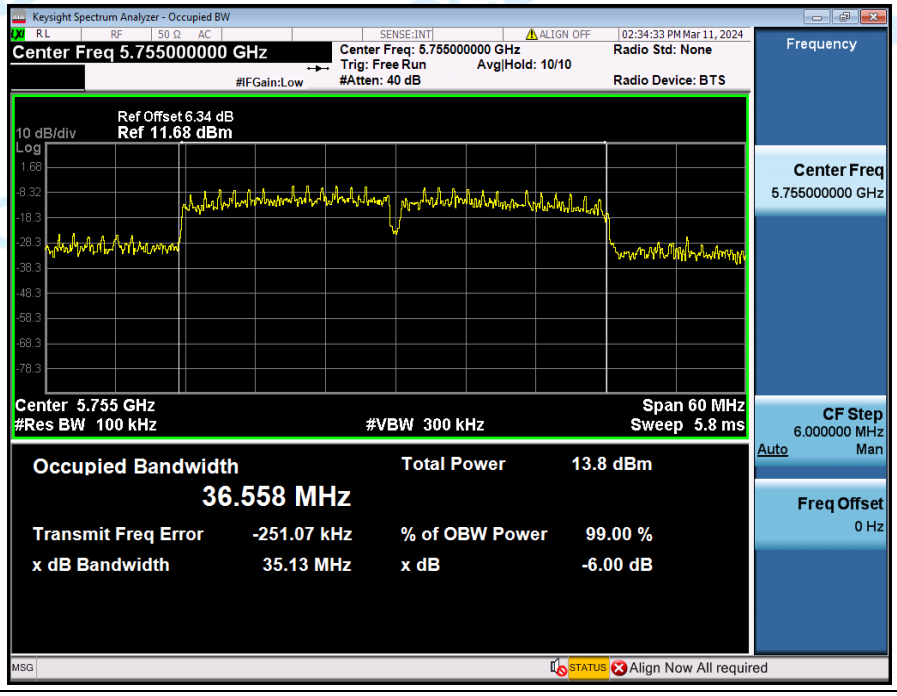
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5785_20M



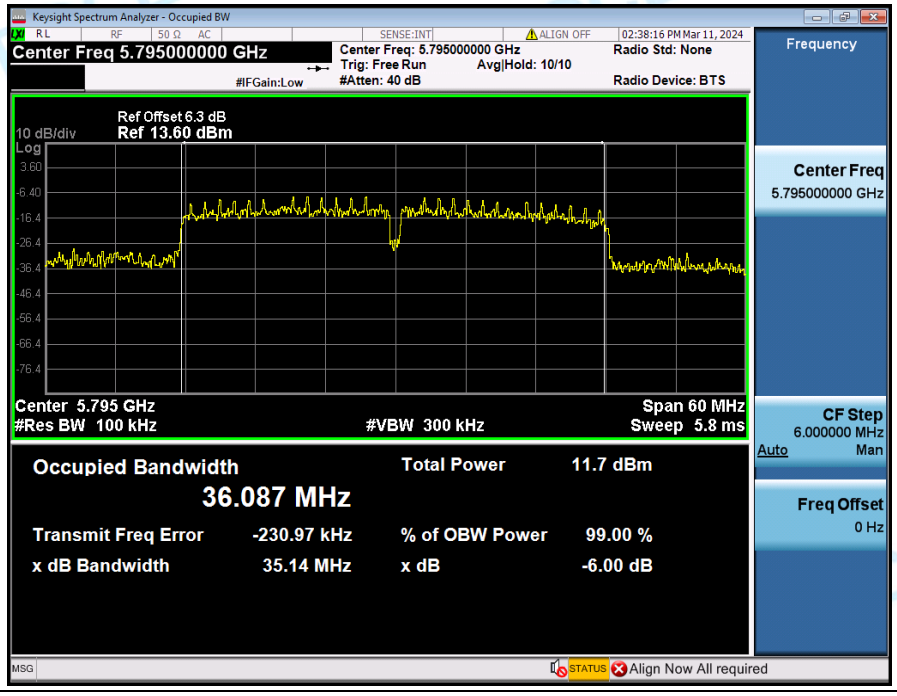
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT20)_5825_20M



-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5755_40M



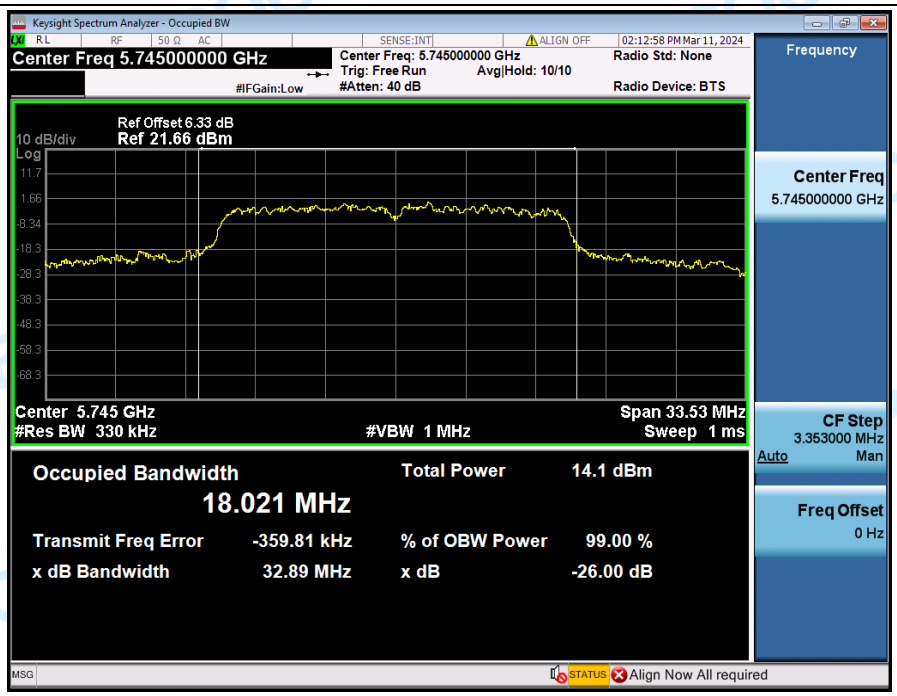
-6dB_Emission_Bandwidth_NVNT_ANT1_802_11n(HT40)_5795_40M



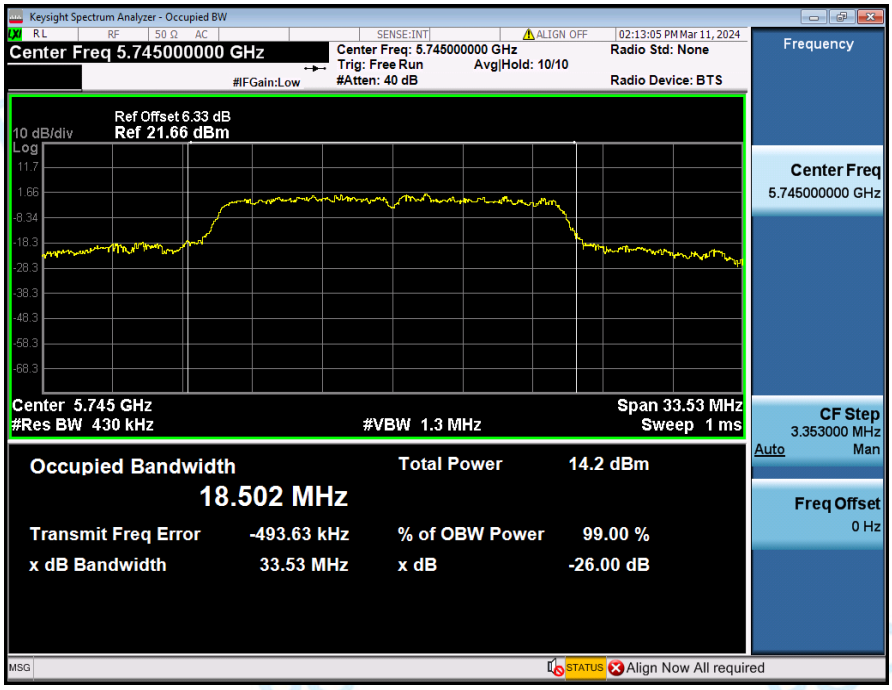
2. -26dB and 99% Emission Bandwidth

Condition	Antenna	Modulation	Frequency(MHz)	-26dB_Emission_Bandwidth(MHz)	Occupied Bandwidth(MHz)
NVNT	ANT1	802.11a	5745.00	33.53	18.02
NVNT	ANT1	802.11a	5785.00	33.02	17.33
NVNT	ANT1	802.11a	5825.00	33.12	17.03
NVNT	ANT1	802.11n(HT20)	5745.00	35.44	18.52
NVNT	ANT1	802.11n(HT20)	5785.00	35.33	18.46
NVNT	ANT1	802.11n(HT20)	5825.00	34.22	18.06
NVNT	ANT1	802.11n(HT40)	5755.00	72.32	44.49
NVNT	ANT1	802.11n(HT40)	5795.00	71.87	41.43

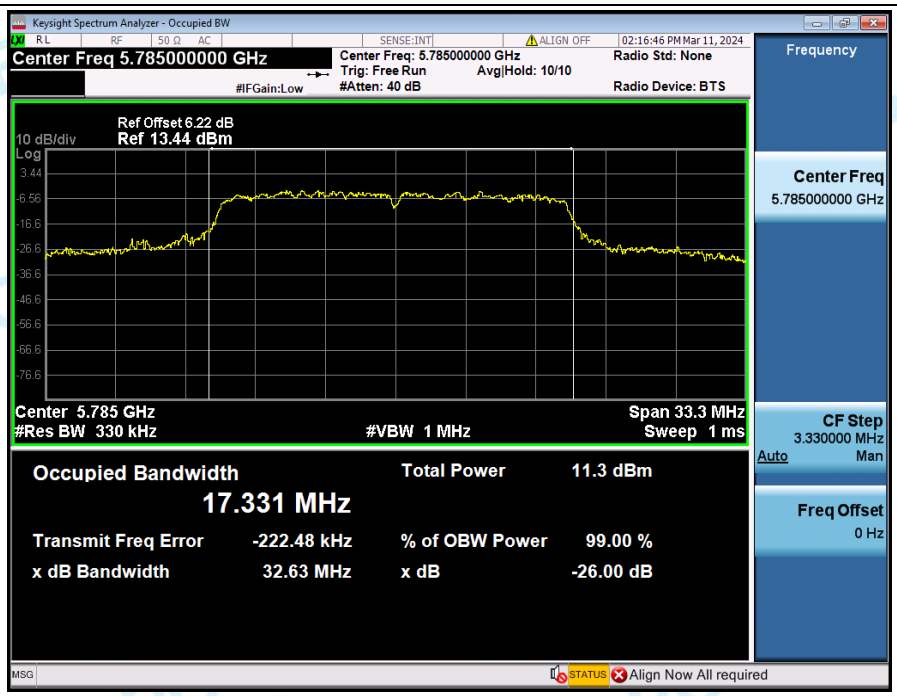
99%_OCB_NVNT_ANT1_802_11a_5745



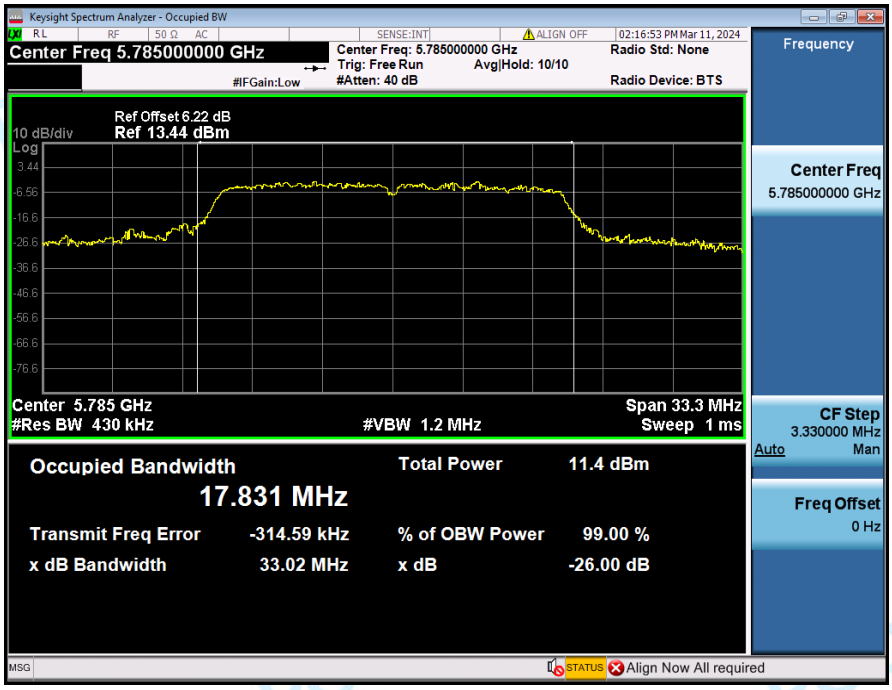
-26BW_NVNT_ANT1_802_11a_5745



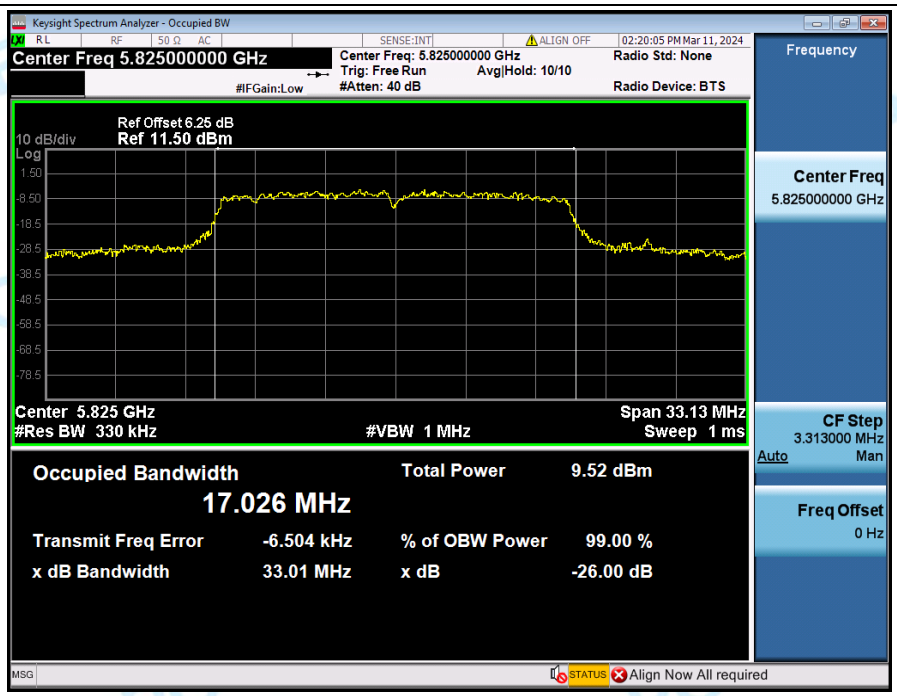
99%_OCB_NVNT_ANT1_802_11a_5785



-26BW_NVNT_ANT1_802_11a_5785



99%_OCB_NVNT_ANT1_802_11a_5825



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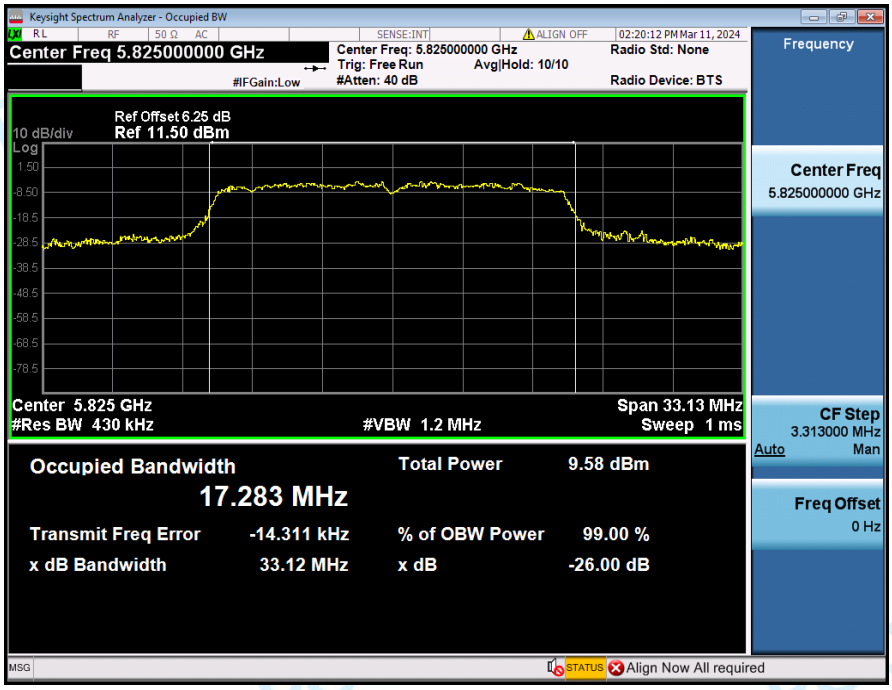
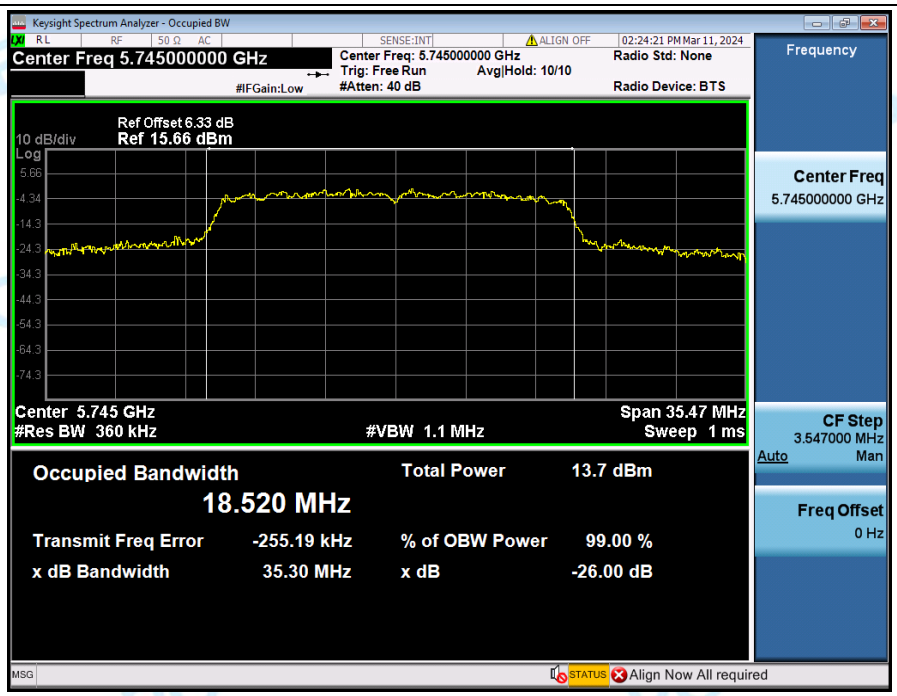


99%_OCB_NVNT_ANT1_802_11n(HT20)_5745



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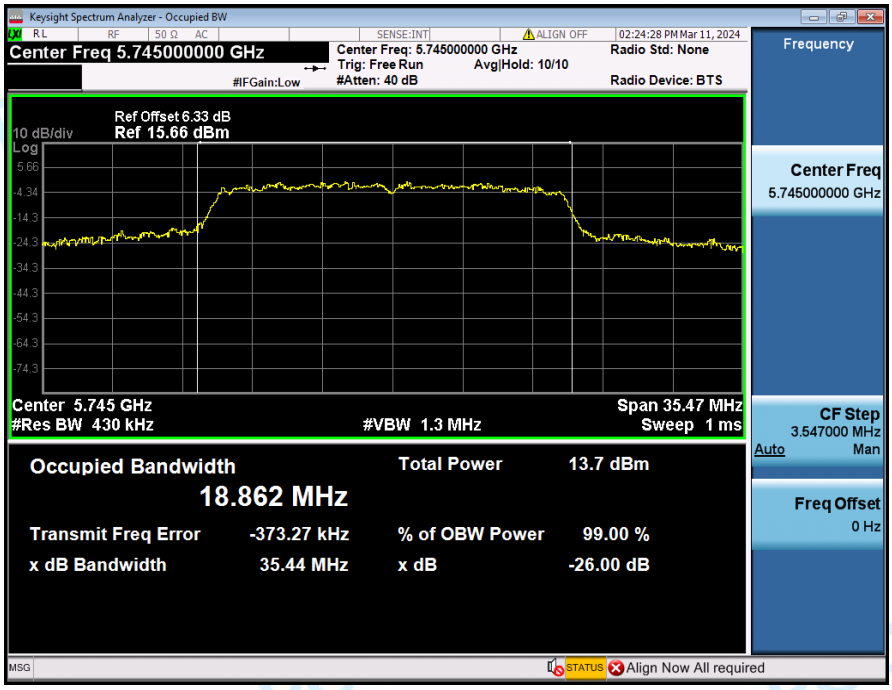
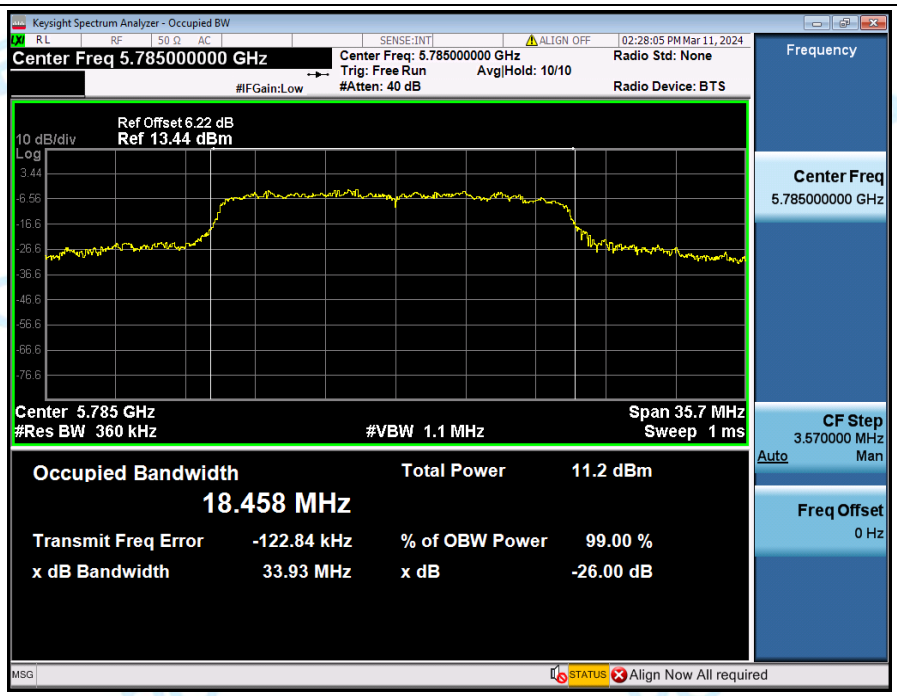


99%_OCB_NVNT_ANT1_802_11n(HT20)_5785



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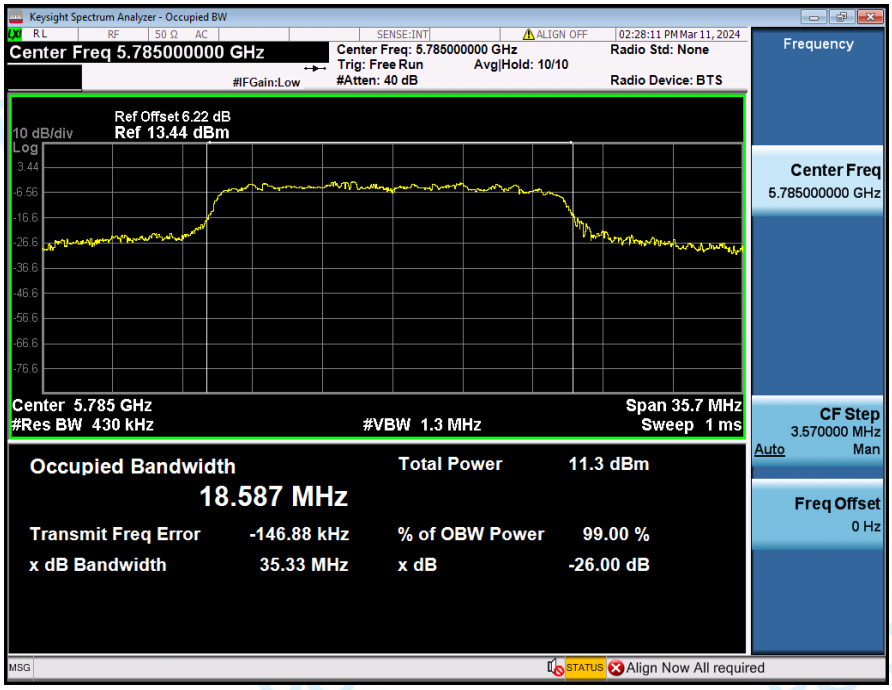
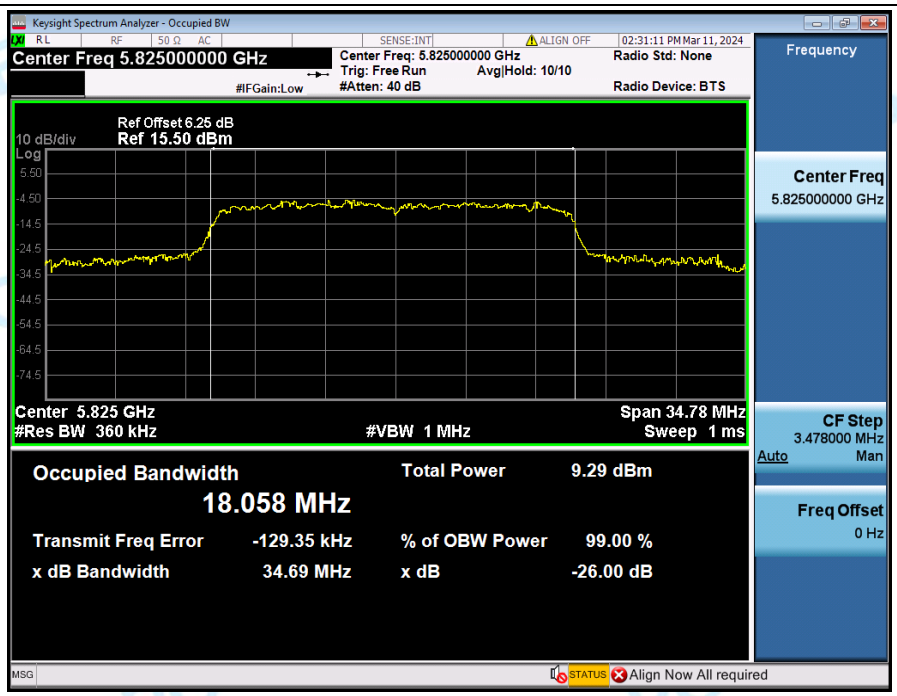
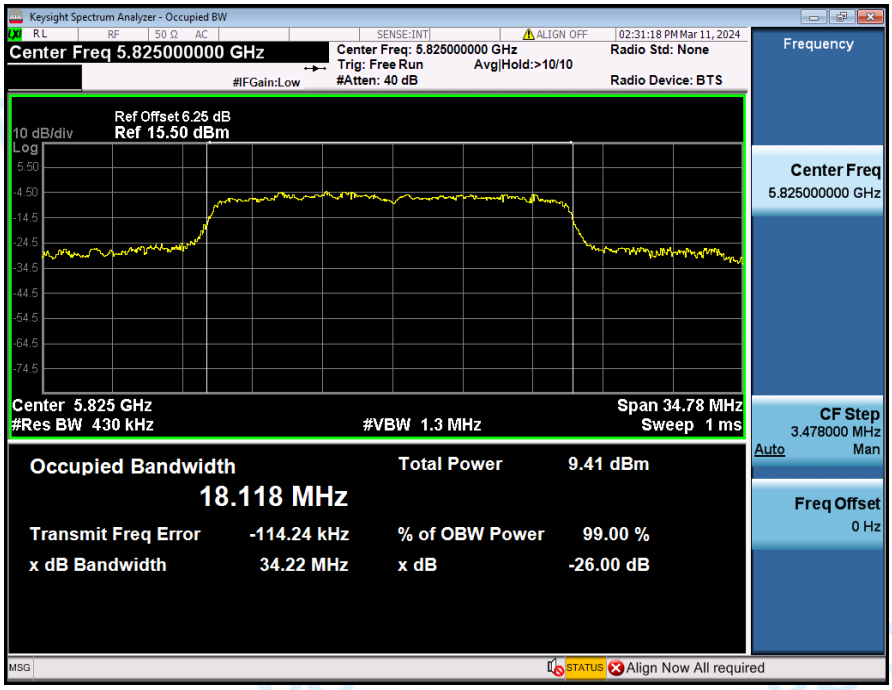


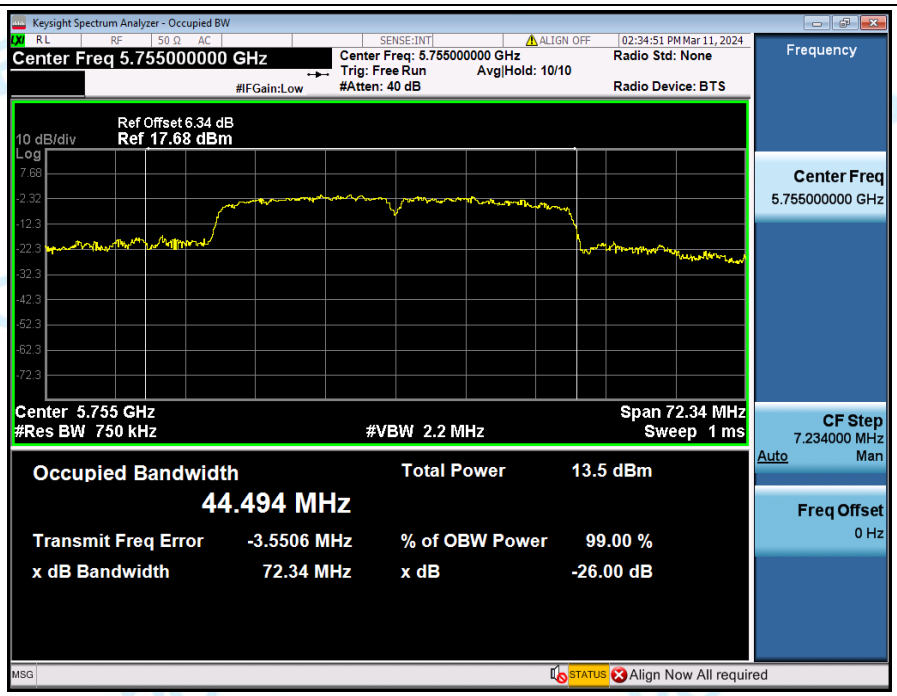
99%_OCB_NVNT_ANT1_802_11n(HT20)_5825



-26BW_NVNT_ANT1_802_11n(HT20)_5825



99%_OCB_NVNT_ANT1_802_11n(HT40)_5755



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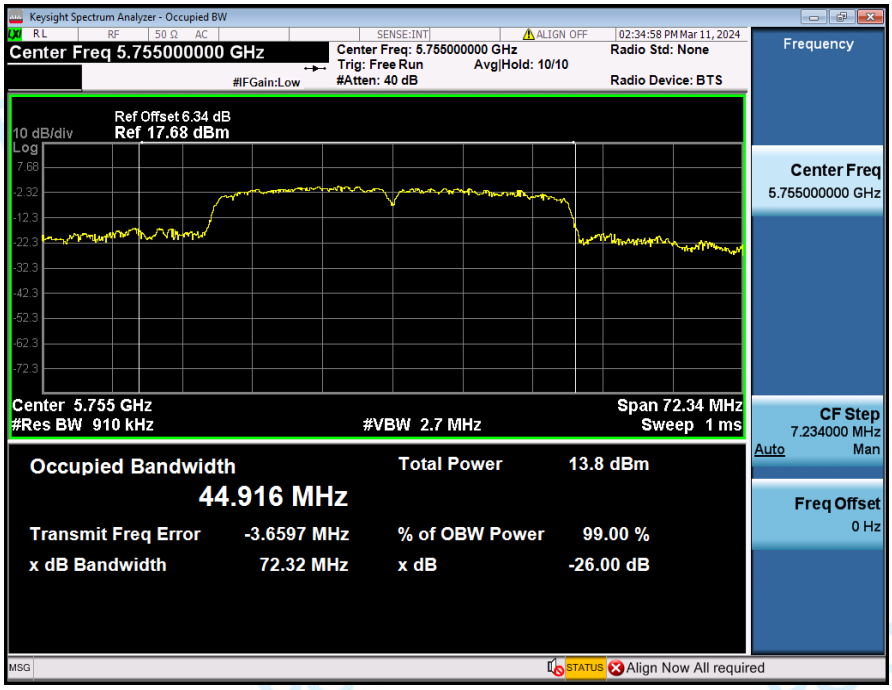
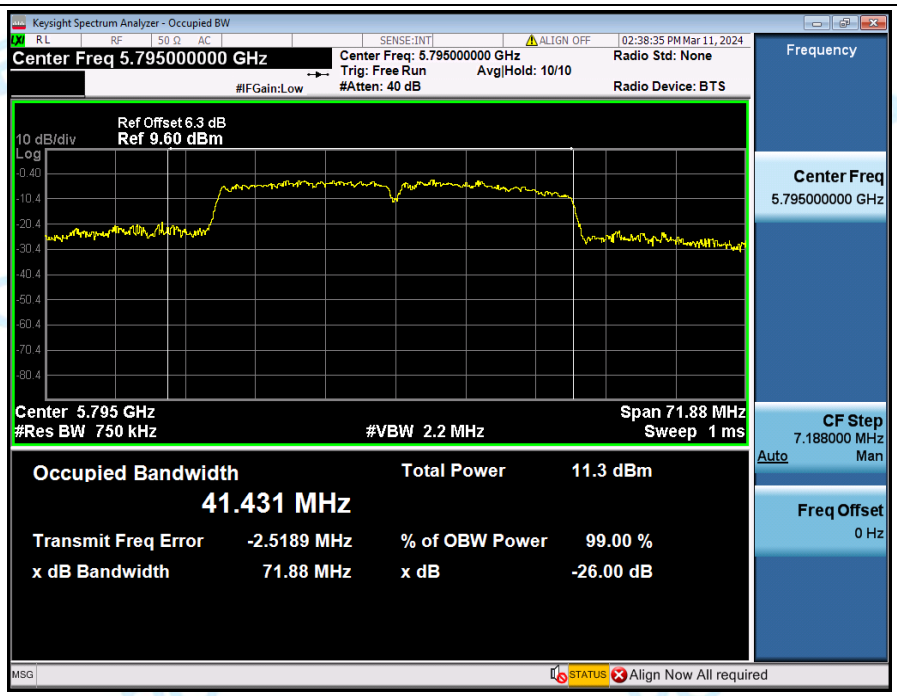
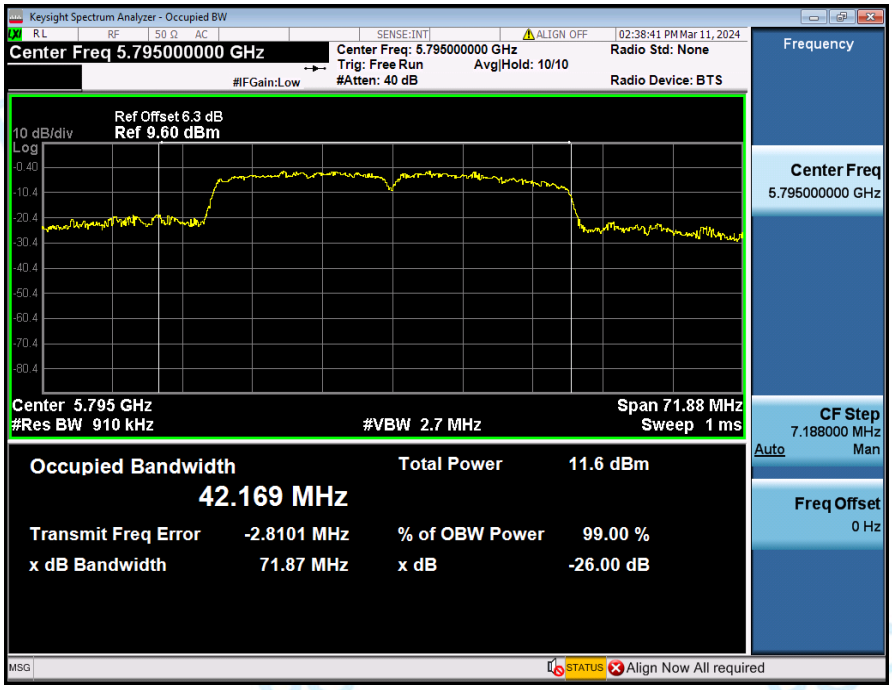


99%_OCB_NVNT_ANT1_802_11n(HT40)_5795



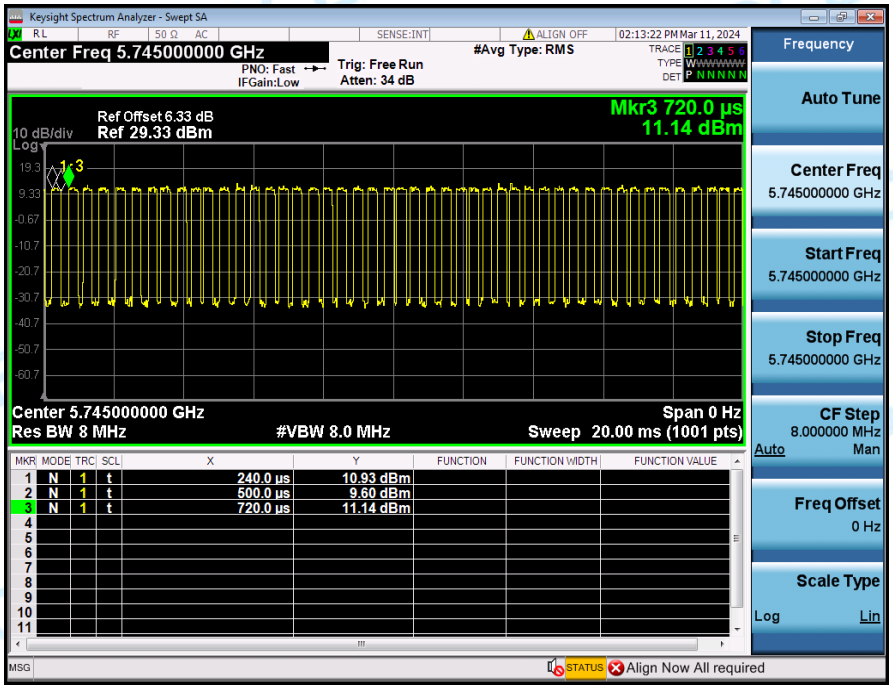
-26BW_NVNT_ANT1_802_11n(HT40)_5795

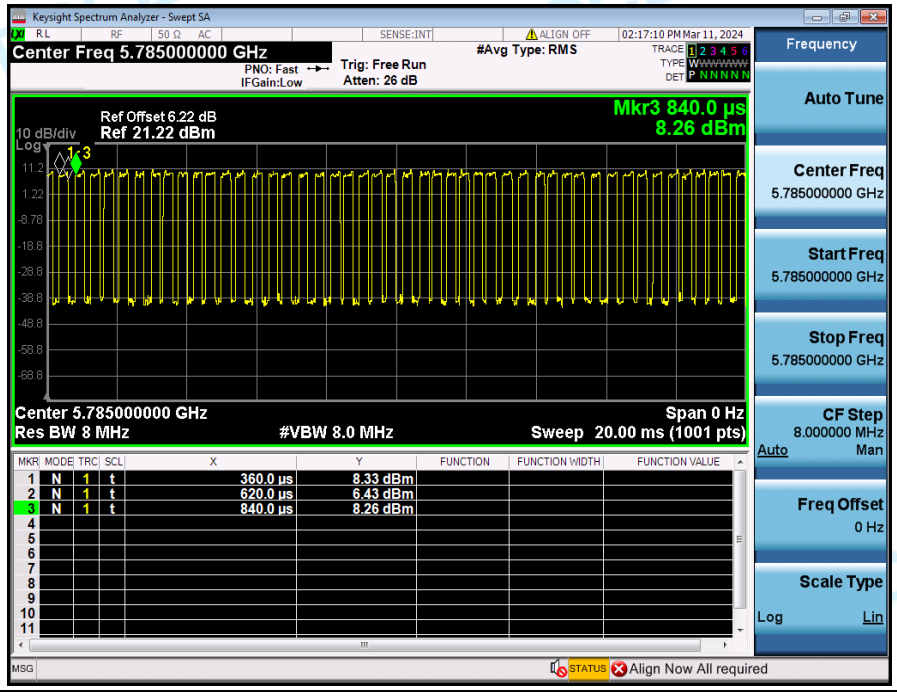

Keysight Spectrum Analyzer - Occupied BW
RL
RF
50 Ω AC
SENSE:INT
ALIGN OFF
02:38:41 PM Mar 11, 2024
Center Freq 5.795000000 GHz
Center Freq: 5.795000000 GHz
Trig: Free Run
Avg|Hold: 10/10
#IFGain:Low
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 6.3 dB
10 dB/div
Ref 9.60 dBm
Log
-0.40
-10.4
-20.4
-30.4
-40.4
-50.4
-60.4
-70.4
-80.4
Center Freq
5.795000000 GHz
Center 5.795 GHz
#Res BW 910 kHz
#VBW 2.7 MHz
Span 71.88 MHz
Sweep 1 ms
CF Step
7.188000 MHz
Auto
Man
Occupied Bandwidth
42.169 MHz
Total Power
11.6 dBm
Transmit Freq Error
-2.8101 MHz
% of OBW Power
99.00 %
x dB Bandwidth
71.87 MHz
x dB
-26.00 dB
Freq Offset
0 Hz
MSG
STATUS
Align Now All required

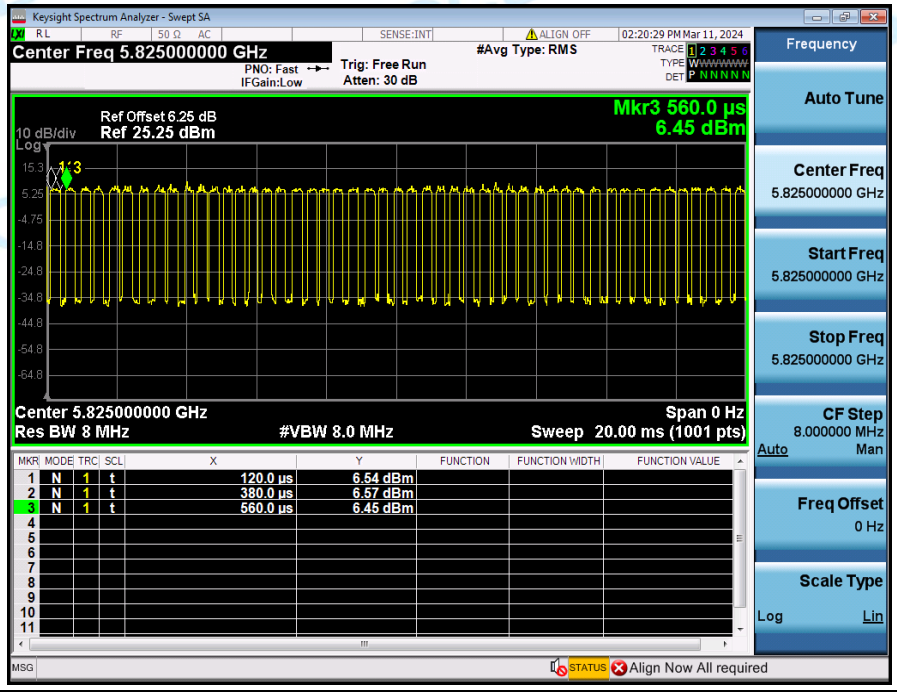
3. Duty Cycle

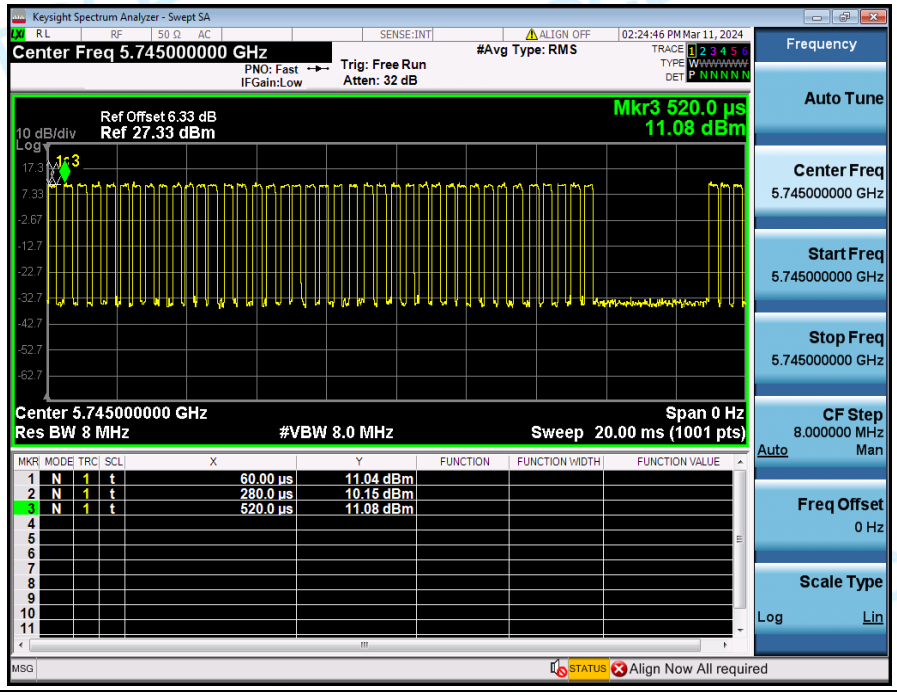
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty_factor
NVNT	ANT1	802.11a	5745.00	54.17	2.66
NVNT	ANT1	802.11a	5785.00	54.17	2.66
NVNT	ANT1	802.11a	5825.00	59.09	2.28
NVNT	ANT1	802.11n(HT20)	5745.00	47.83	3.20
NVNT	ANT1	802.11n(HT20)	5785.00	47.83	3.20
NVNT	ANT1	802.11n(HT20)	5825.00	47.83	3.20
NVNT	ANT1	802.11n(HT40)	5755.00	40.00	3.98
NVNT	ANT1	802.11n(HT40)	5795.00	35.29	4.52

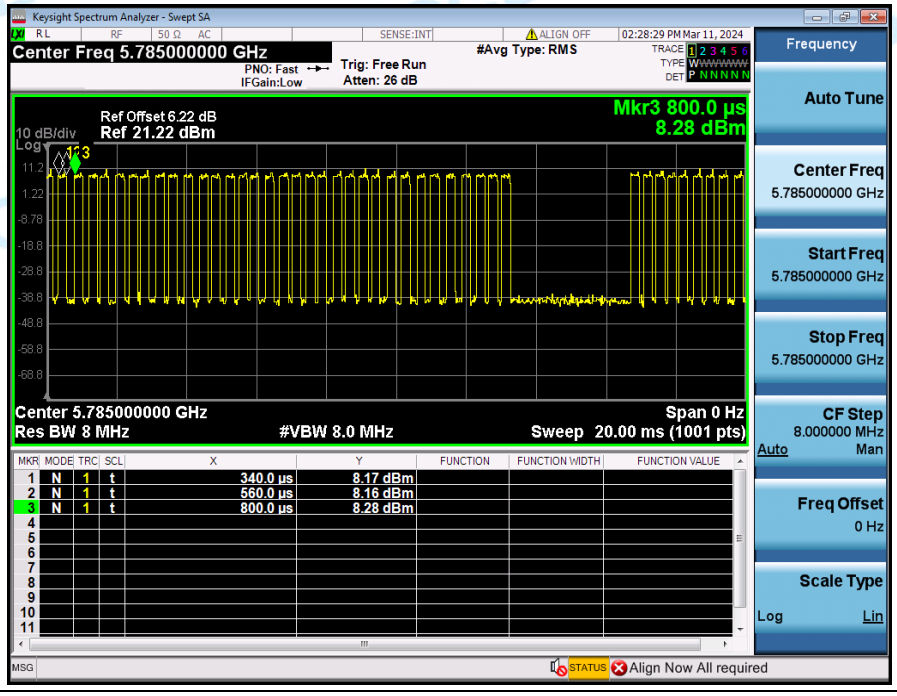
Duty_Cycle_NVNT_ANT1_802_11a_5745

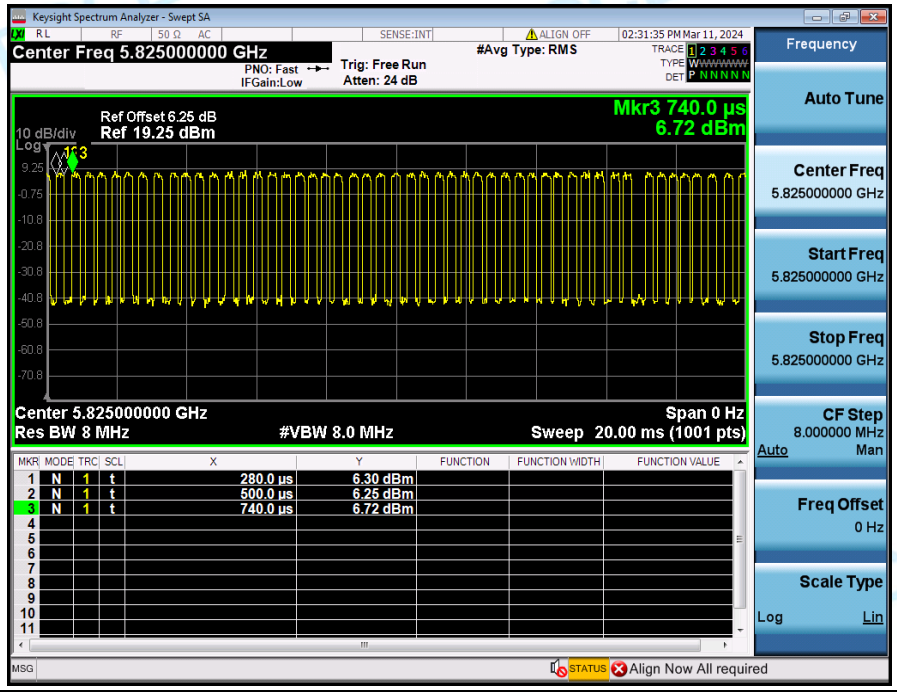


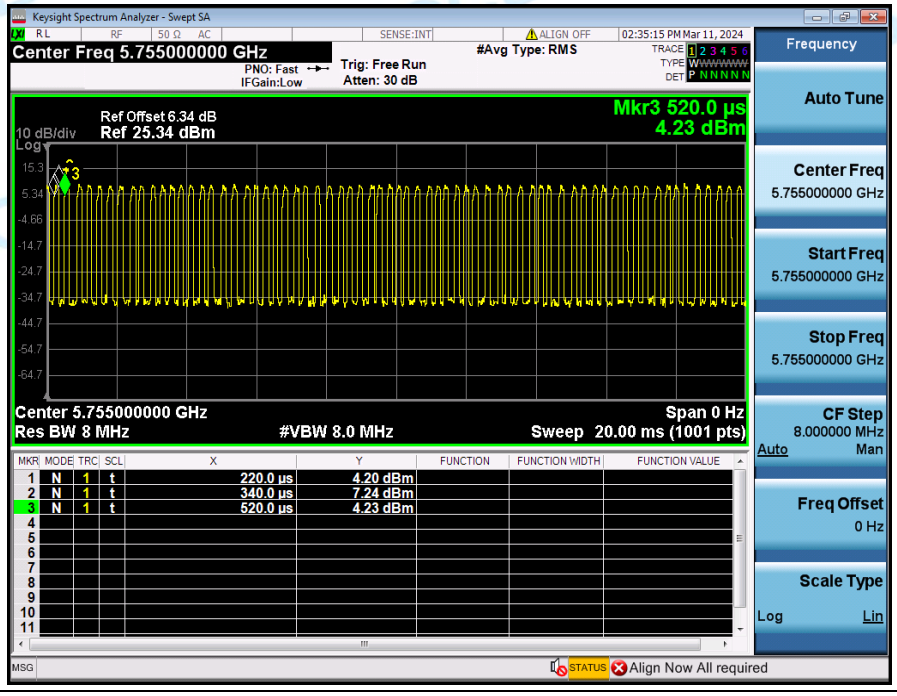
Duty_Cycle_NVNT_ANT1_802_11a_5785


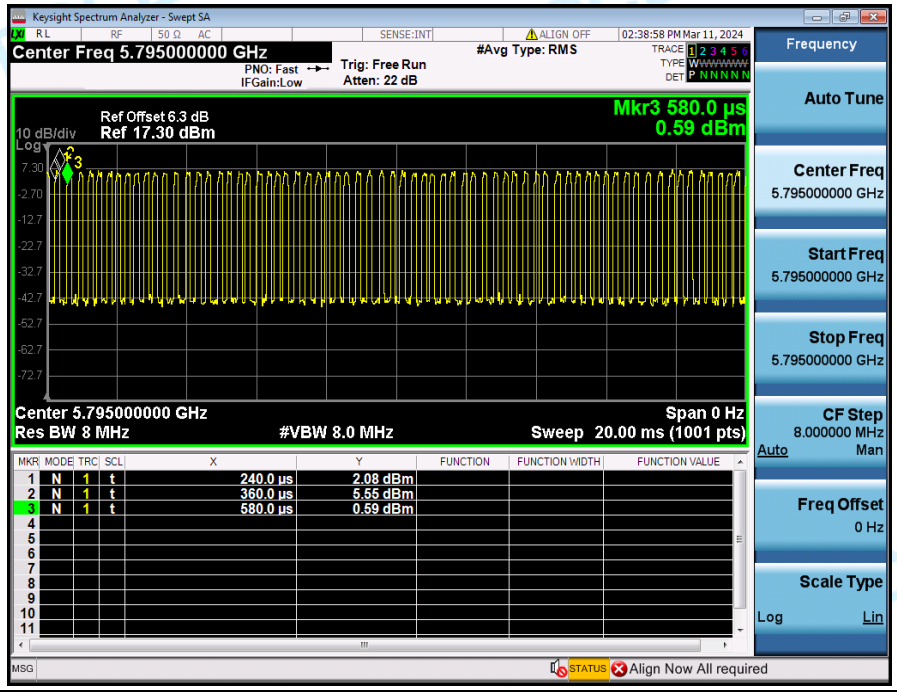
Duty_Cycle_NVNT_ANT1_802_11a_5825


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5745


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5785


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_5825


Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5755


Duty_Cycle_NVNT_ANT1_802_11n(HT40)_5795


4. Maximum Conducted Output Power

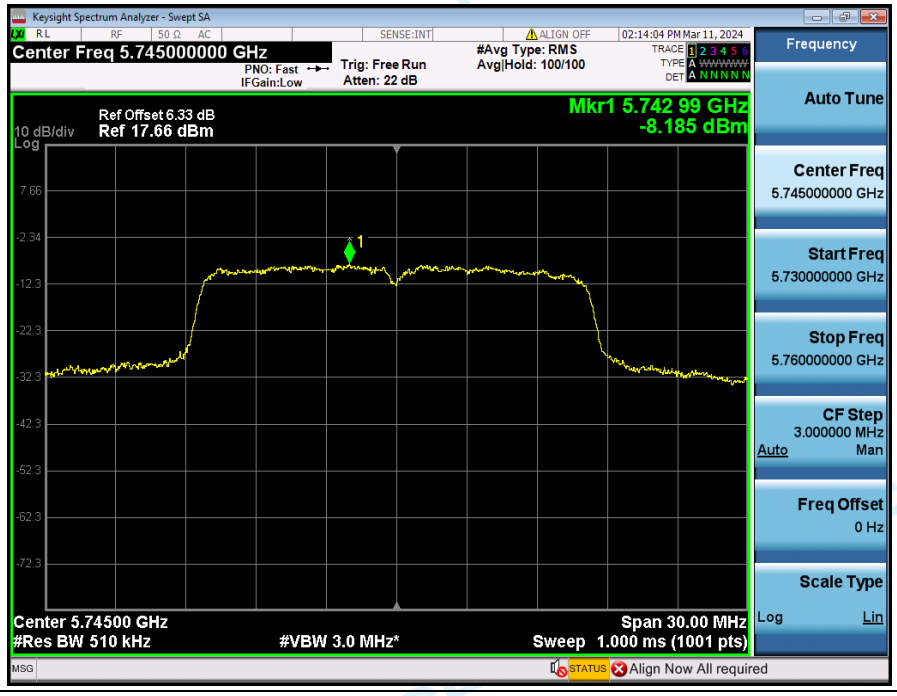
Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	5.20	2.66	7.86	30	Pass
NVNT	ANT1	802.11a	5785.00	2.42	2.66	5.08	30	Pass
NVNT	ANT1	802.11a	5825.00	0.76	2.28	3.04	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	4.71	3.20	7.91	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	2.18	3.20	5.38	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	0.50	3.20	3.70	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	3.03	3.98	7.01	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	0.94	4.52	5.46	30	Pass

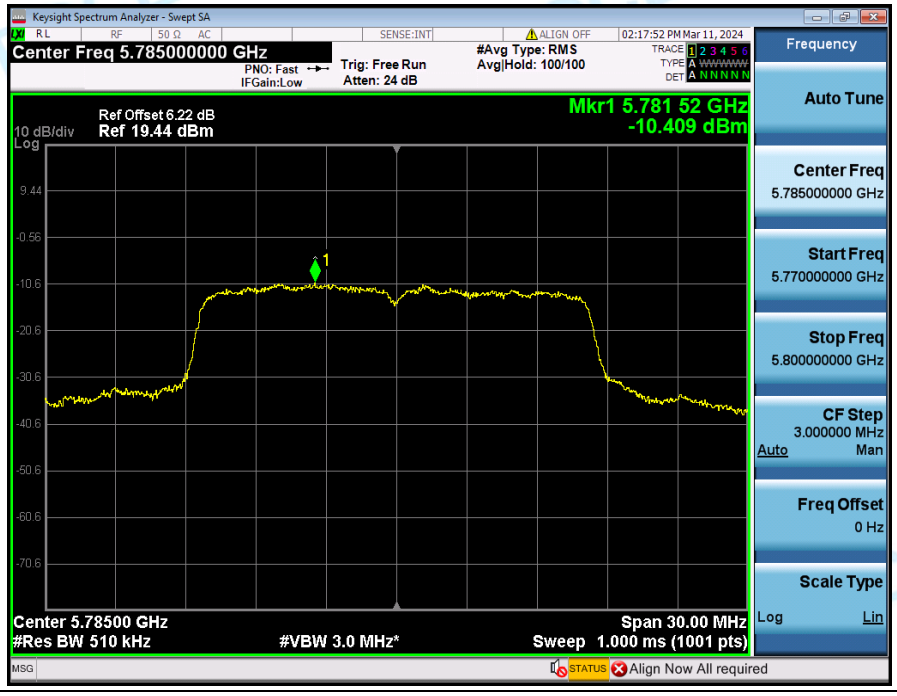
5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD_SA (dBm/RBW)	Duty factor (dB)	RB factor (dB)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
NVNT	ANT1	802.11a	5745.00	-8.185	2.66	-0.086	-5.611	30	Pass
NVNT	ANT1	802.11a	5785.00	-10.409	2.66	-0.086	-7.835	30	Pass
NVNT	ANT1	802.11a	5825.00	-12.136	2.28	-0.086	-9.942	30	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	-8.736	3.20	-0.086	-5.622	30	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	-10.919	3.20	-0.086	-7.805	30	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	-12.585	3.20	-0.086	-9.471	30	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	-12.654	3.98	-0.086	-8.76	30	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	-14.597	4.52	-0.086	-10.163	30	Pass

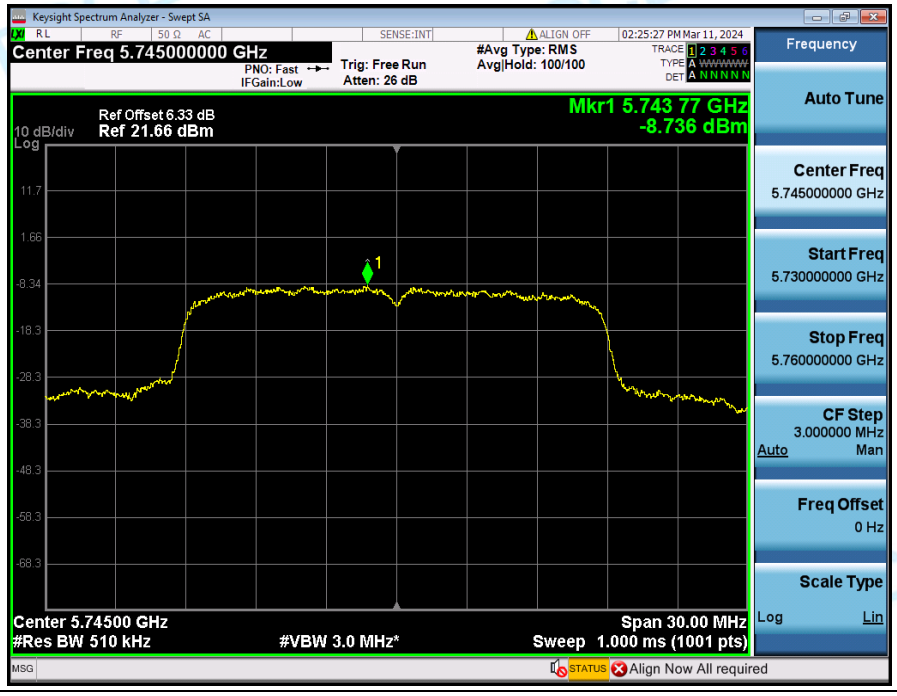
RB factor=10*log(500/510)=-0.086dB; PSD (dBm/500kHz)= PSD_SA + Duty factor + RB factor

Power_Spectral_Density_NVNT_ANT1_802_11a_5745

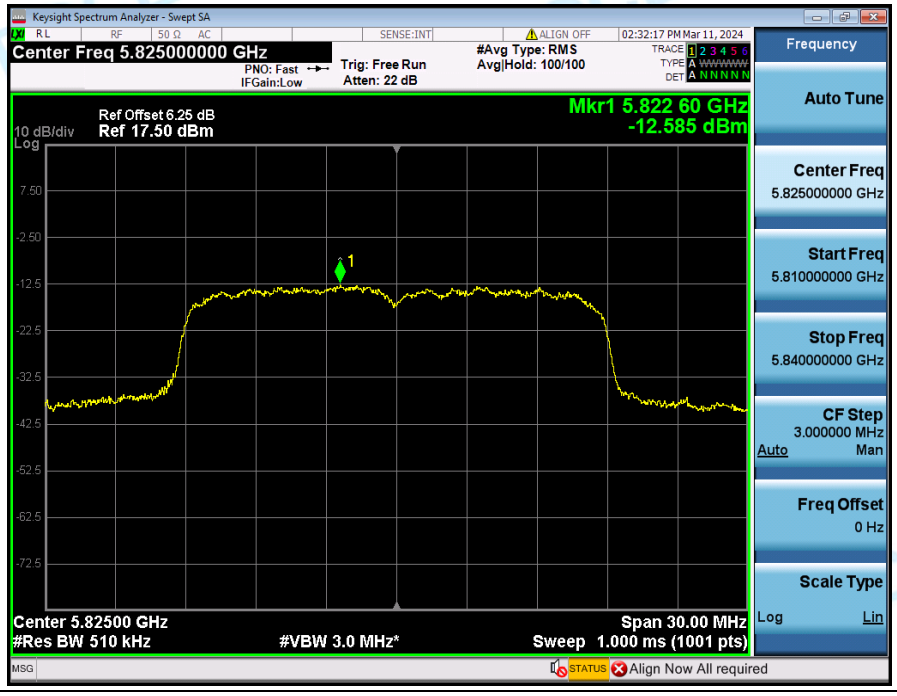


Power_Spectral_Density_NVNT_ANT1_802_11a_5785


Power_Spectral_Density_NVNT_ANT1_802_11a_5825


Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5745


Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5785


Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_5825


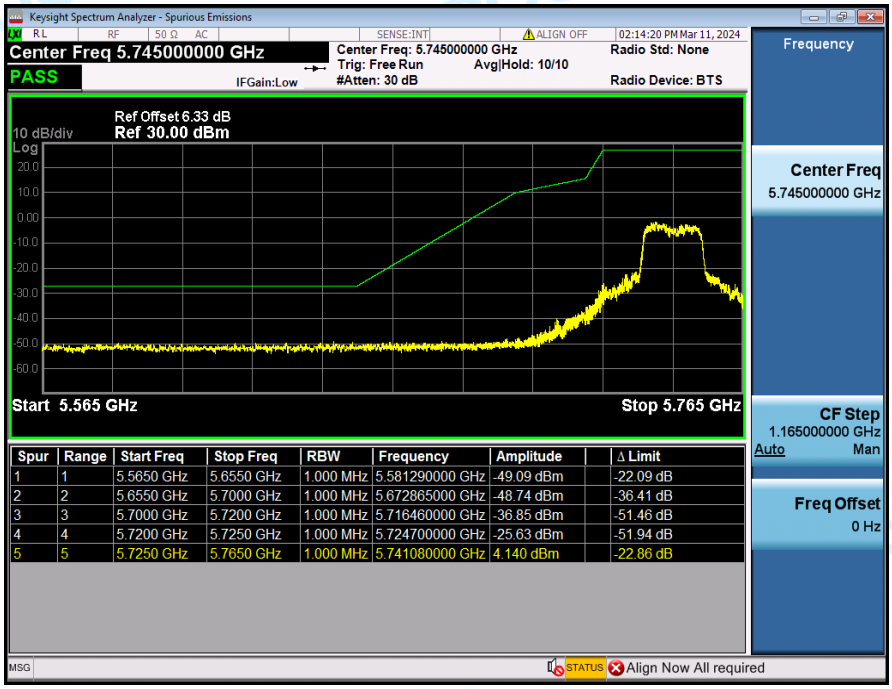
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5755


Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_5795

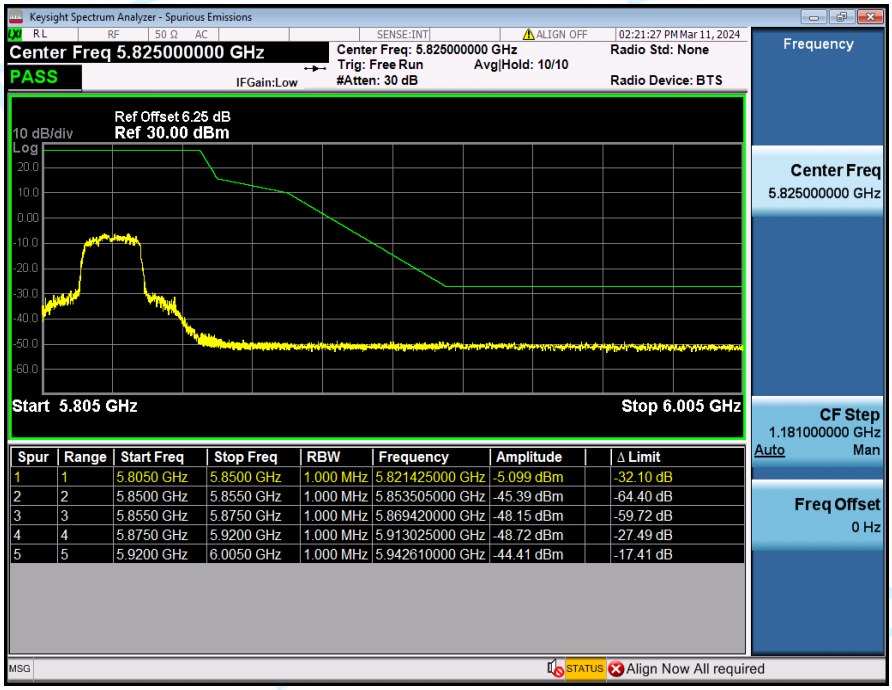

6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Frequency Area(MHz)	Frequency(MHz)	Amplitude(dBm)	Limit(dBm)	Result
NVNT	ANT1	802.11a	LCH	5565-5655	5581.290	-49.09	-27.00	Pass
NVNT	ANT1	802.11a	LCH	5655-5700	5672.865	-48.74	-12.31	Pass
NVNT	ANT1	802.11a	LCH	5700-5720	5716.460	-36.85	14.61	Pass
NVNT	ANT1	802.11a	LCH	5720-5725	5724.700	-25.63	26.32	Pass
NVNT	ANT1	802.11a	HCH	5850-5855	5853.505	-45.39	19.01	Pass
NVNT	ANT1	802.11a	HCH	5855-5875	5869.420	-48.15	11.56	Pass
NVNT	ANT1	802.11a	HCH	5875-5920	5913.025	-48.72	-21.26	Pass
NVNT	ANT1	802.11a	HCH	5920-6005	5942.610	-44.41	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5565-5655	5635.740	-49.22	-27.00	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5655-5700	5656.395	-48.85	-25.85	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5700-5720	5717.900	-36.41	15.01	Pass
NVNT	ANT1	802.11n(HT20)	LCH	5720-5725	5723.295	-28.88	23.11	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5850-5855	5852.055	-44.56	22.31	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5855-5875	5869.920	-47.05	11.42	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5875-5920	5911.855	-48.63	-20.30	Pass
NVNT	ANT1	802.11n(HT20)	HCH	5920-6005	5975.165	-44.52	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5595-5655	5650.920	-48.99	-27.00	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5655-5700	5692.440	-43.41	3.78	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5700-5720	5718.800	-27.33	15.26	Pass
NVNT	ANT1	802.11n(HT40)	LCH	5720-5725	5721.720	-24.91	19.52	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5850-5855	5852.300	-46.02	21.76	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5855-5875	5864.020	-47.94	13.07	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5875-5920	5917.300	-48.55	-24.78	Pass
NVNT	ANT1	802.11n(HT40)	HCH	5920-5955	5926.685	-43.75	-27.00	Pass

Bandedge_NVNT_ANT1_802_11a_5745

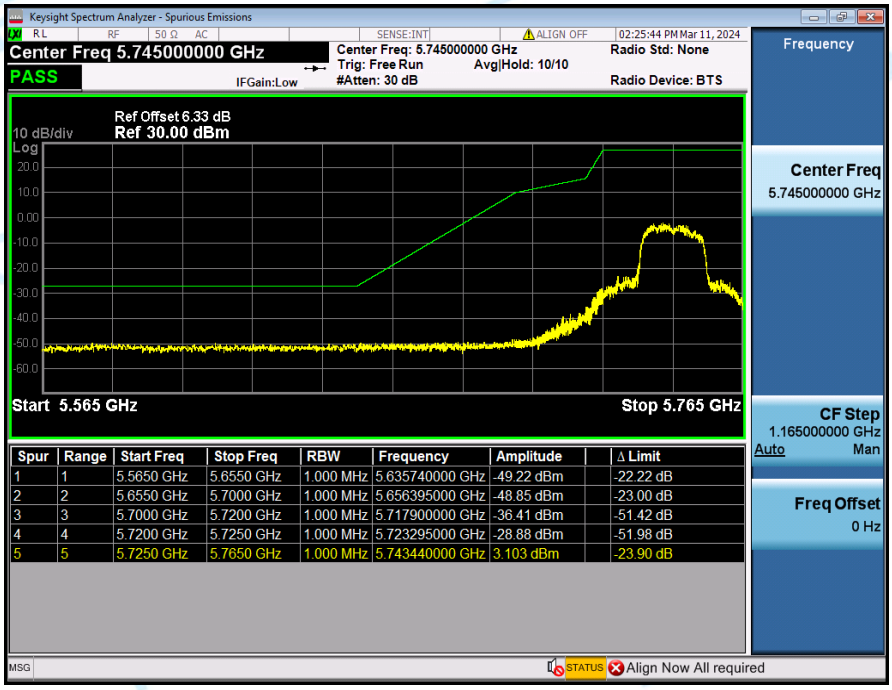


Bandedge_NVNT_ANT1_802_11a_5825



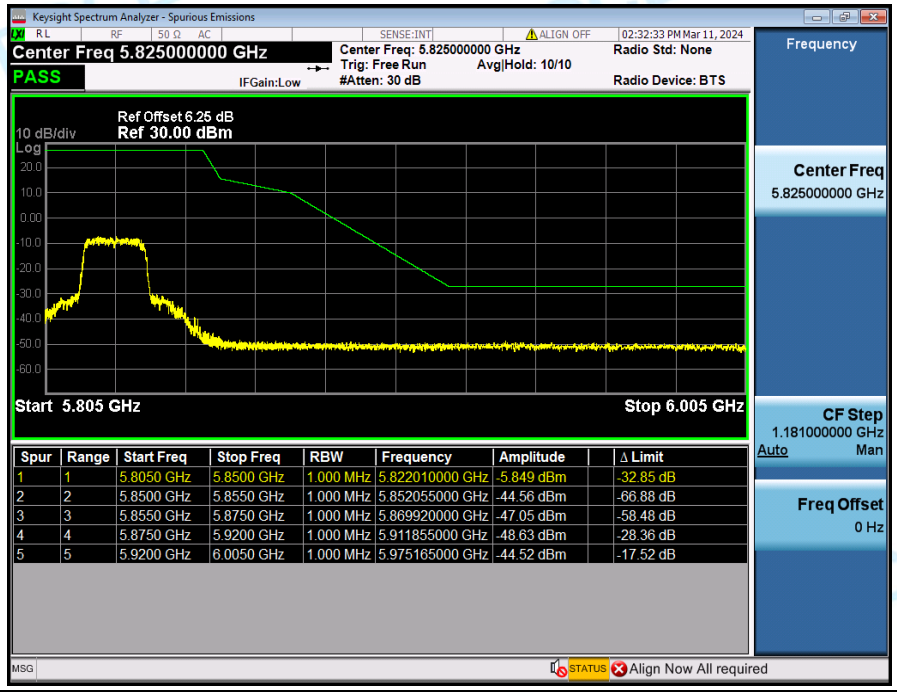
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.8050 GHz	5.8500 GHz	1.000 MHz	5.821425000 GHz	-5.099 dBm	-32.10 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.853505000 GHz	-45.39 dBm	-64.40 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.869420000 GHz	-48.15 dBm	-59.72 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.913025000 GHz	-48.72 dBm	-27.49 dB
5	5	5.9200 GHz	6.0050 GHz	1.000 MHz	5.942610000 GHz	-44.41 dBm	-17.41 dB

Bandedge_NVNT_ANT1_802_11n(HT20)_5745

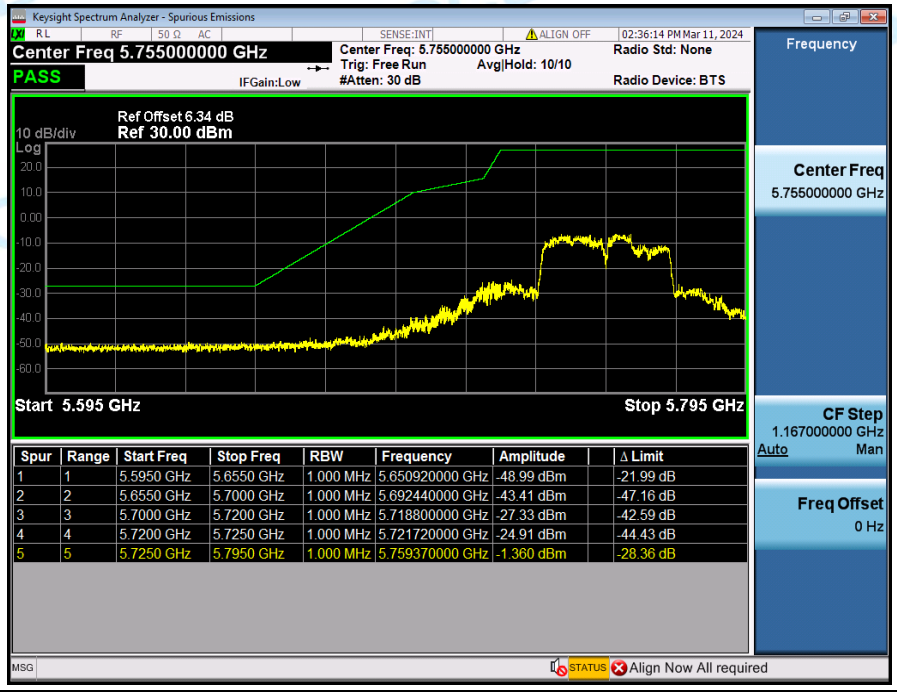


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.5650 GHz	5.6550 GHz	1.000 MHz	5.635740000 GHz	-49.22 dBm	-22.22 dB
2	2	5.6550 GHz	5.7000 GHz	1.000 MHz	5.656395000 GHz	-48.85 dBm	-23.00 dB
3	3	5.7000 GHz	5.7200 GHz	1.000 MHz	5.717900000 GHz	-36.41 dBm	-51.42 dB
4	4	5.7200 GHz	5.7250 GHz	1.000 MHz	5.723295000 GHz	-28.88 dBm	-51.98 dB
5	5	5.7250 GHz	5.7650 GHz	1.000 MHz	5.743440000 GHz	3.103 dBm	-23.90 dB

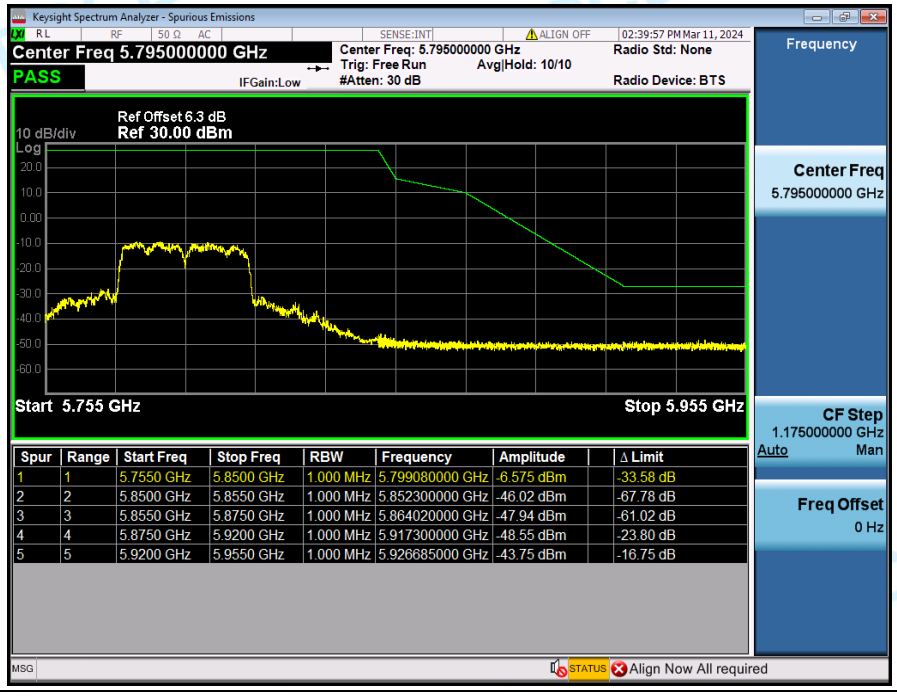
Bandedge_NVNT_ANT1_802_11n(HT20)_5825



Bandedge_NVNT_ANT1_802_11n(HT40)_5755



Bandedge_NVNT_ANT1_802_11n(HT40)_5795

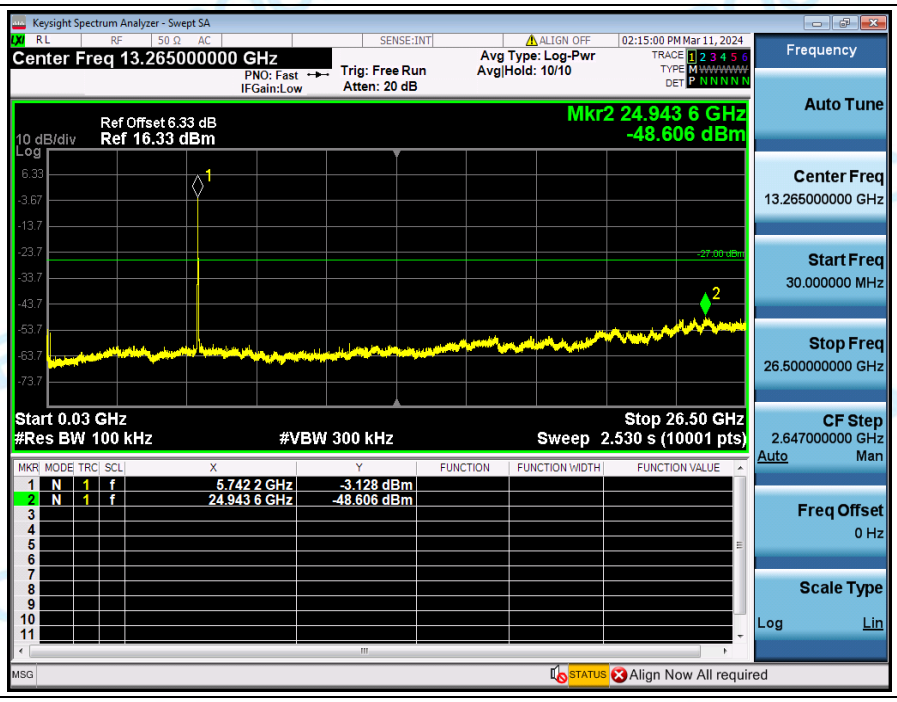


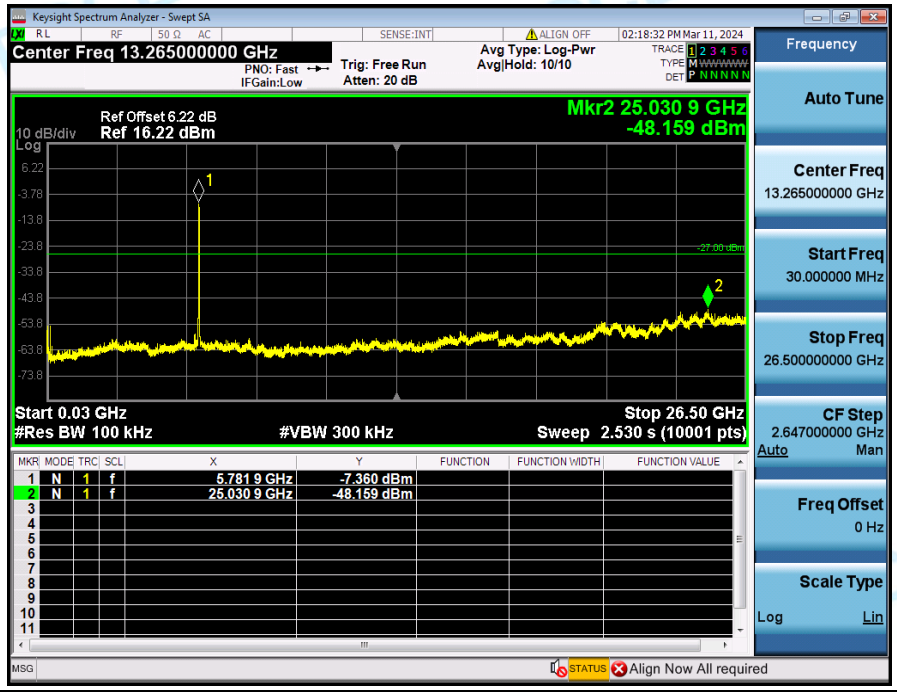
Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	5.7550 GHz	5.8500 GHz	1.000 MHz	5.799080000 GHz	-6.575 dBm	-33.58 dB
2	2	5.8500 GHz	5.8550 GHz	1.000 MHz	5.852300000 GHz	-46.02 dBm	-67.78 dB
3	3	5.8550 GHz	5.8750 GHz	1.000 MHz	5.864020000 GHz	-47.94 dBm	-61.02 dB
4	4	5.8750 GHz	5.9200 GHz	1.000 MHz	5.917300000 GHz	-48.55 dBm	-23.80 dB
5	5	5.9200 GHz	5.9550 GHz	1.000 MHz	5.926685000 GHz	-43.75 dBm	-16.75 dB

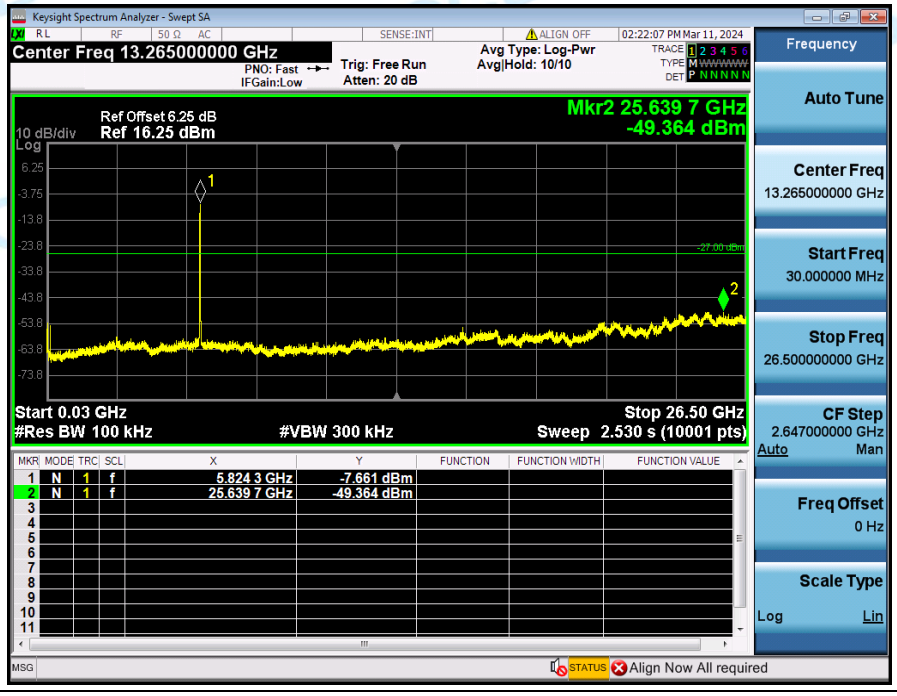
7. Spurious Emission

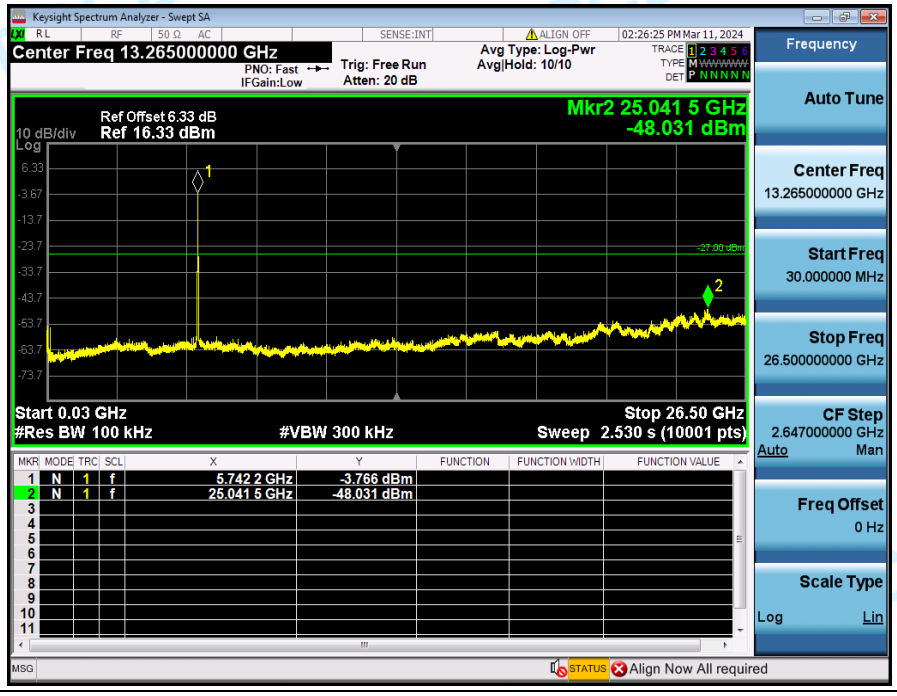
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark Frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11a	5745.00	24943.56	-48.61	-27	Pass
NVNT	ANT1	802.11a	5785.00	25030.92	-48.16	-27	Pass
NVNT	ANT1	802.11a	5825.00	25639.72	-49.36	-27	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	25041.50	-48.03	-27	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	24967.39	-48.20	-27	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	26214.12	-48.52	-27	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	24922.39	-47.95	-27	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	25607.96	-48.55	-27	Pass

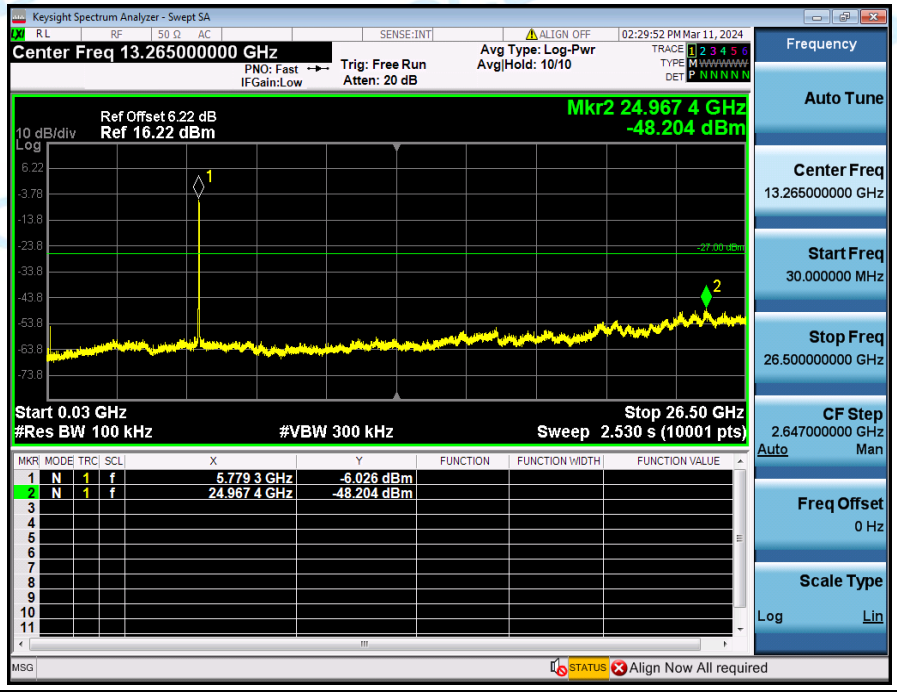
Spurious_Emission_NVNT_ANT1_802_11a_5745

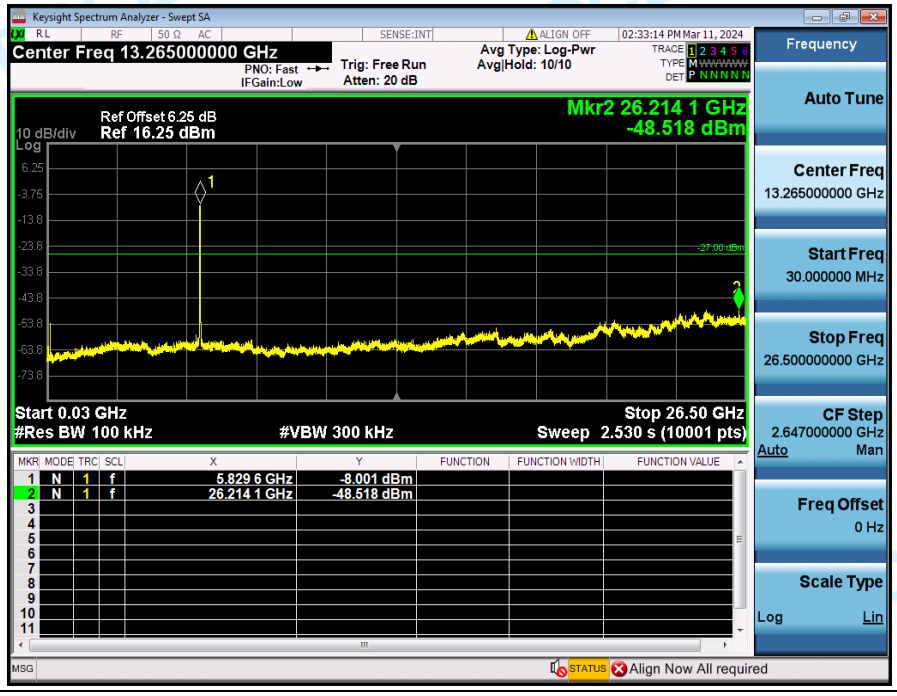


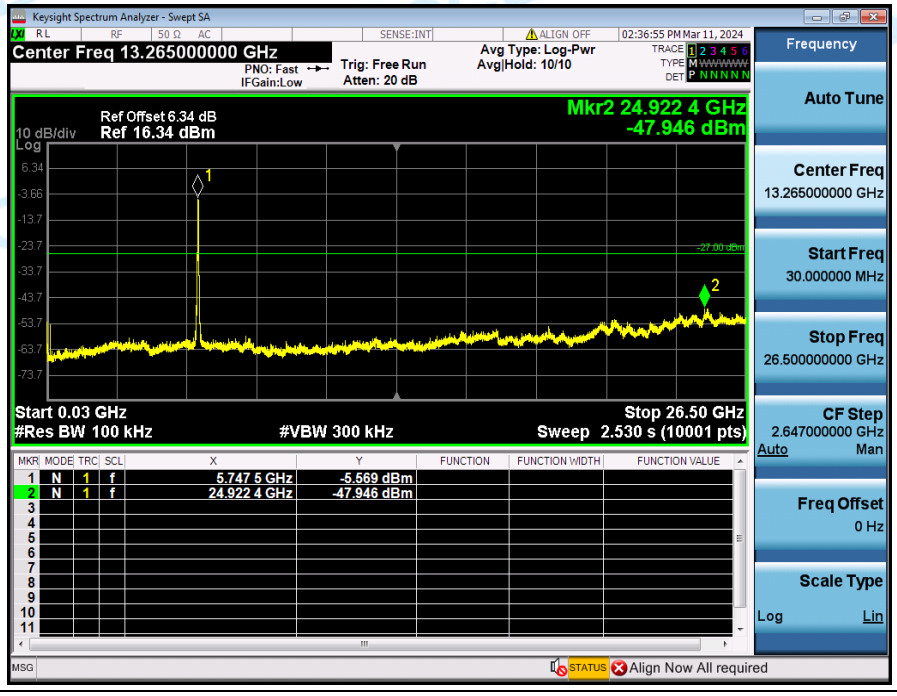
Spurious_Emission_NVNT_ANT1_802_11a_5785


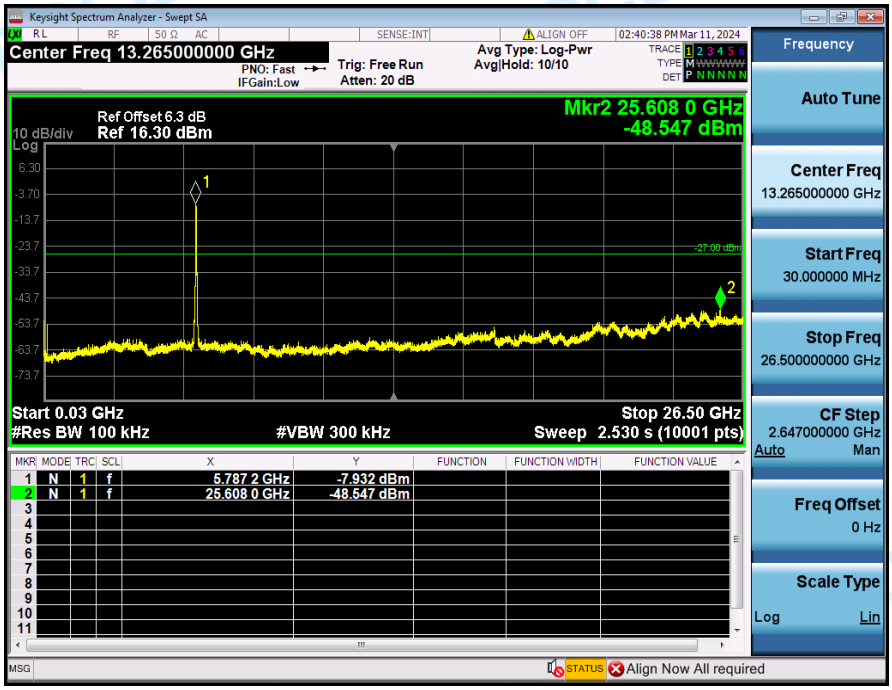
Spurious_Emission_NVNT_ANT1_802_11a_5825


Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5745


Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5785


Spurious_Emission_NVNT_ANT1_802_11n(HT20)_5825


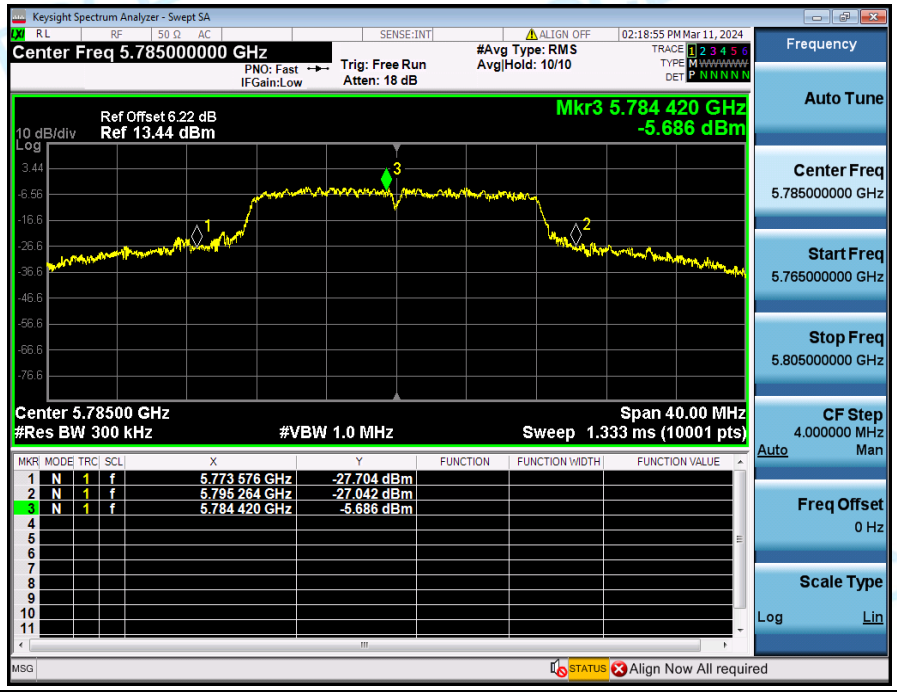
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5755


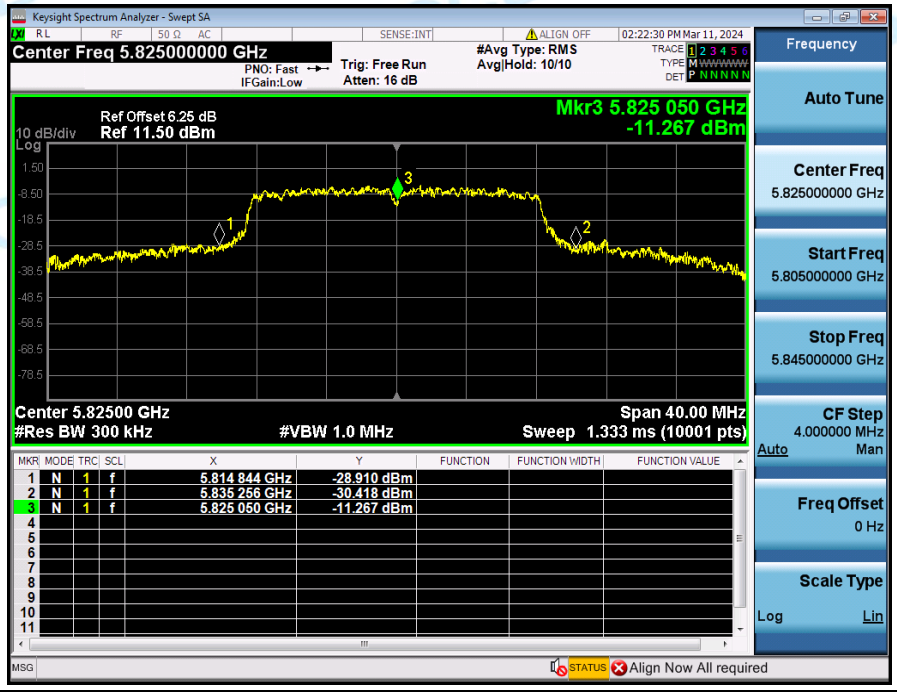
Spurious_Emission_NVNT_ANT1_802_11n(HT40)_5795


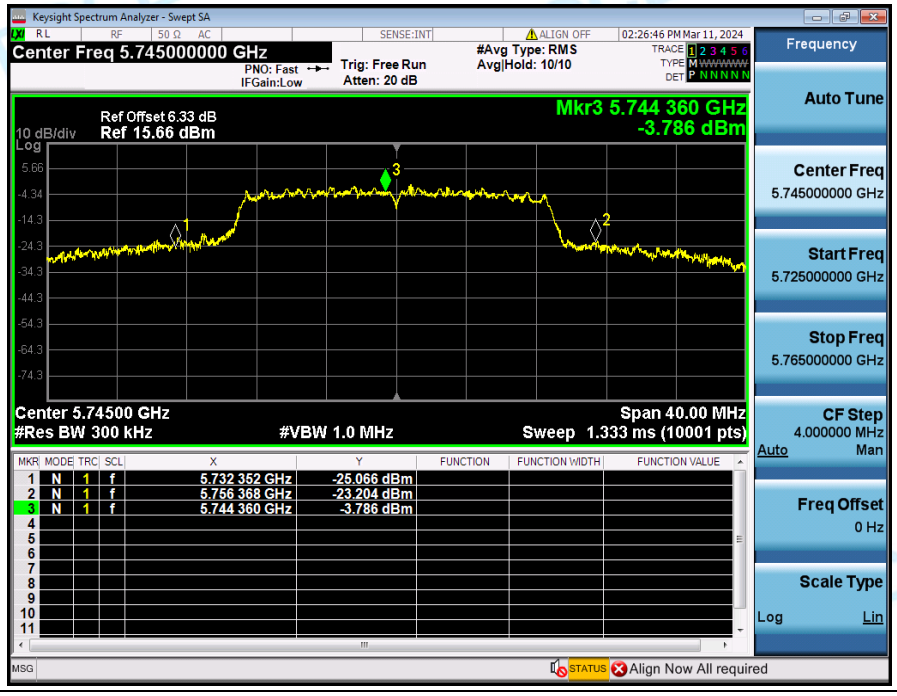
8. Frequency Stability

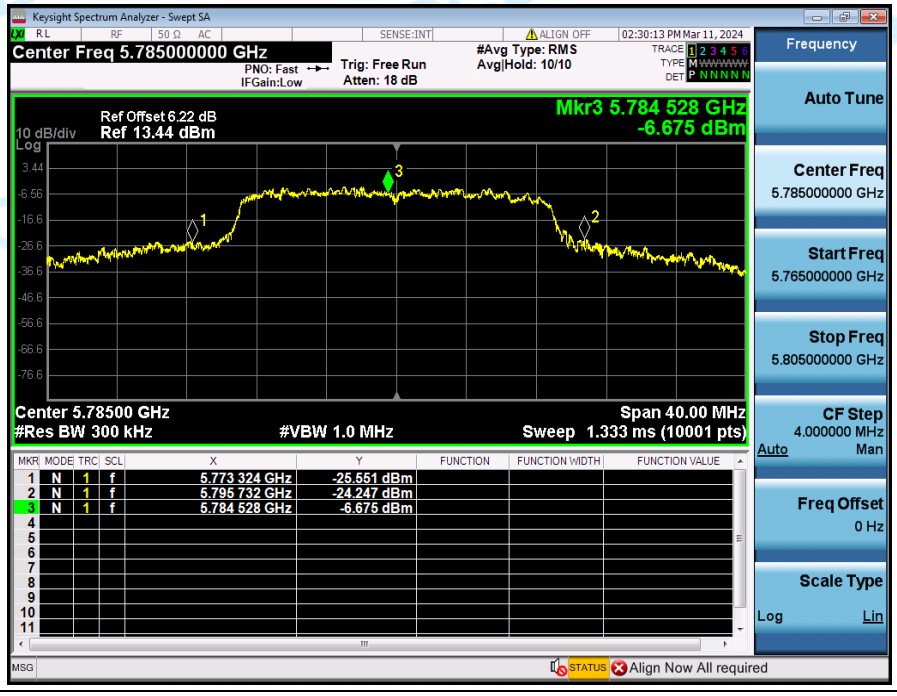
Condition	Antenna	Modulation	Frequency (MHz)	Fc(MHz)	Fl(MHz)	Fh(MHz)	Limit(MHz)	Result
NVNT	ANT1	802.11a	5745.00	5744.344	5732.172	5756.516	5725~5850	Pass
NVNT	ANT1	802.11a	5785.00	5784.420	5773.576	5795.264	5725~5850	Pass
NVNT	ANT1	802.11a	5825.00	5825.050	5814.844	5835.256	5725~5850	Pass
NVNT	ANT1	802.11n(HT20)	5745.00	5744.360	5732.352	5756.368	5725~5850	Pass
NVNT	ANT1	802.11n(HT20)	5785.00	5784.528	5773.324	5795.732	5725~5850	Pass
NVNT	ANT1	802.11n(HT20)	5825.00	5825.090	5814.460	5835.720	5725~5850	Pass
NVNT	ANT1	802.11n(HT40)	5755.00	5752.344	5725.544	5780.144	5725~5850	Pass
NVNT	ANT1	802.11n(HT40)	5795.00	5792.324	5766.952	5817.696	5725~5850	Pass

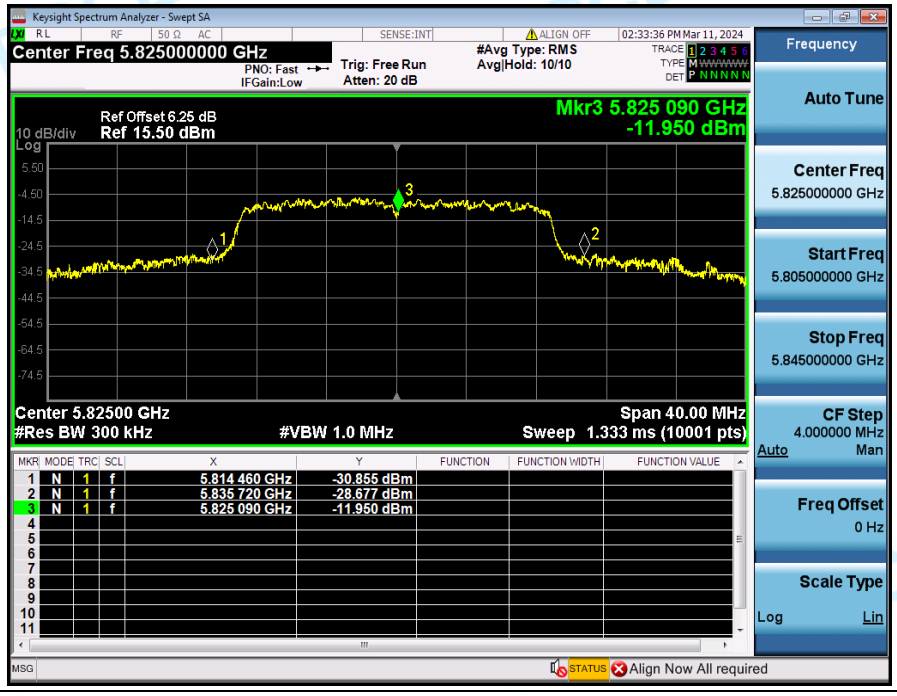
Frequency_Stability_NVNT_ANT1_802_11a_5745

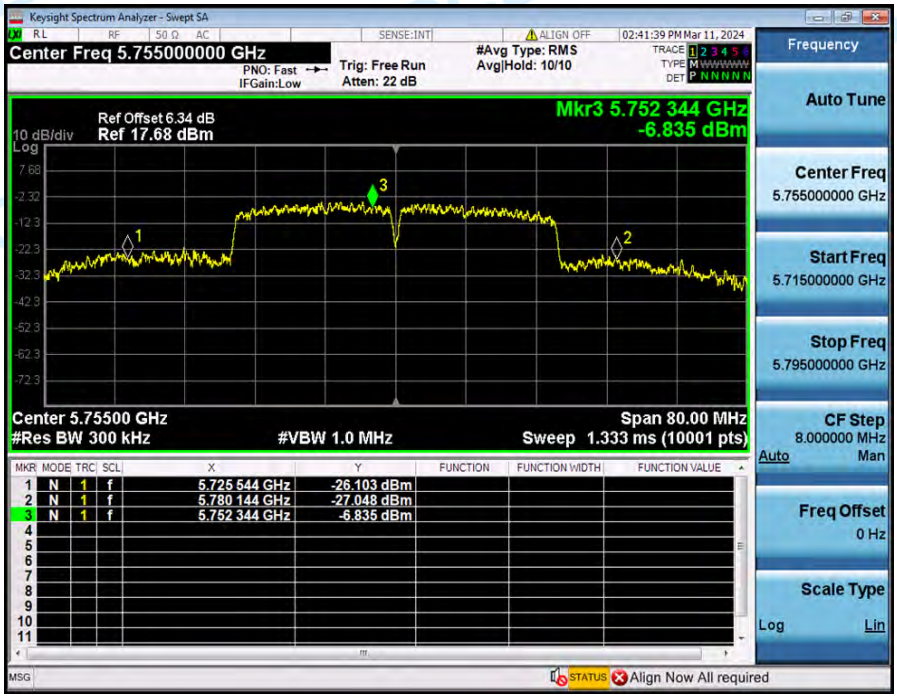
Frequency_Stability_NVNT_ANT1_802_11a_5785


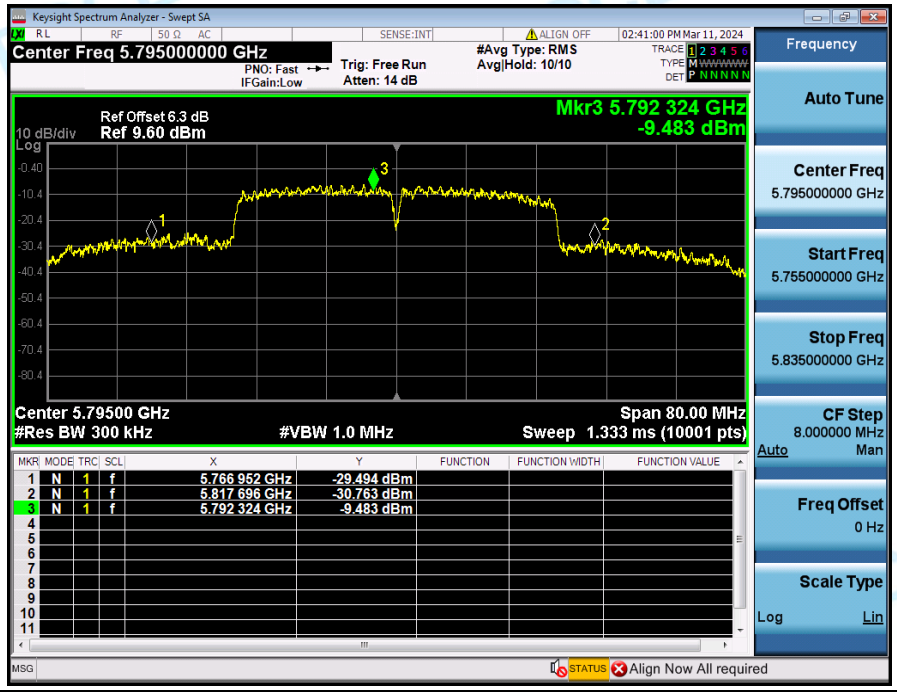
Frequency_Stability_NVNT_ANT1_802_11a_5825


Frequency_Stability_NVNT_ANT1_802_11n(HT20)_5745


Frequency_Stability_NVNT_ANT1_802_11n(HT20)_5785


Frequency_Stability_NVNT_ANT1_802_11n(HT20)_5825


Frequency_Stability_NVNT_ANT1_802_11n(HT40)_5755


Frequency_Stability_NVNT_ANT1_802_11n(HT40)_5795


********** End of Report **********