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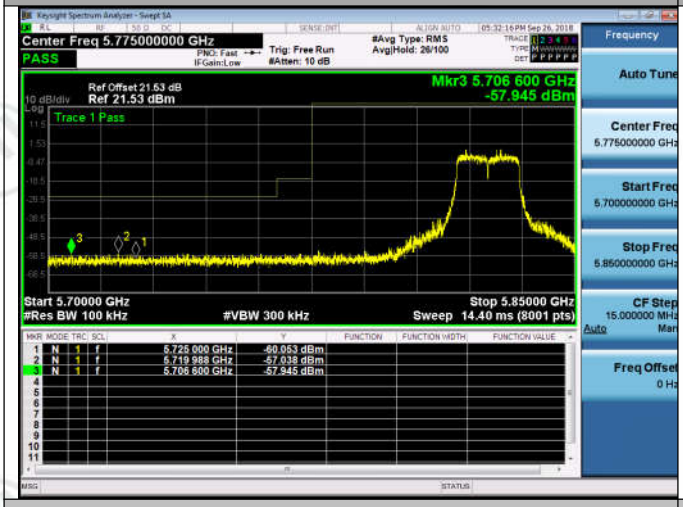	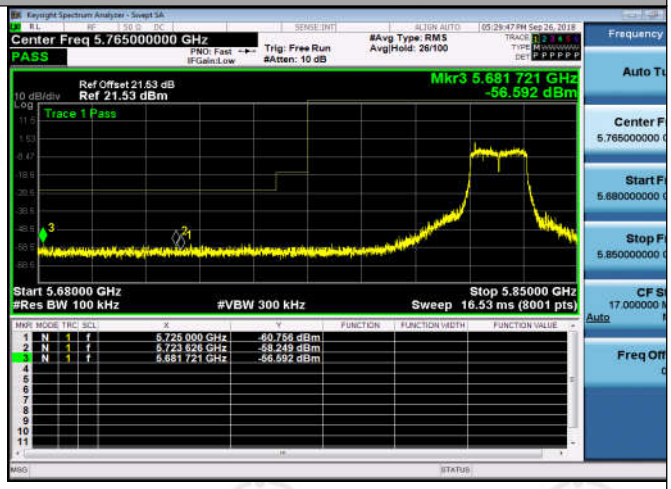
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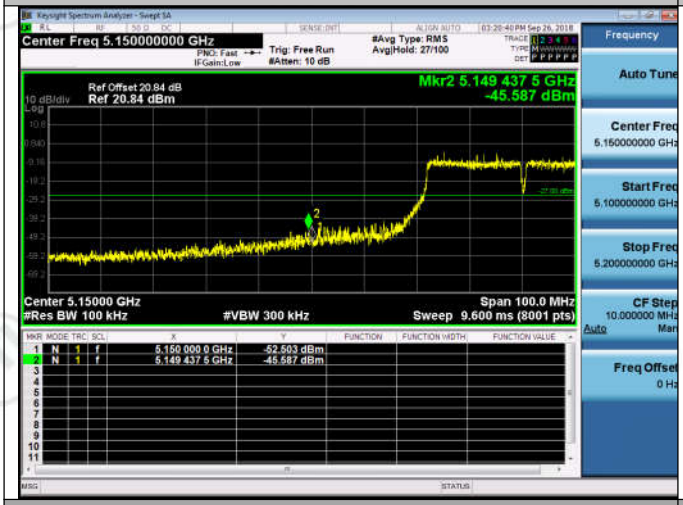	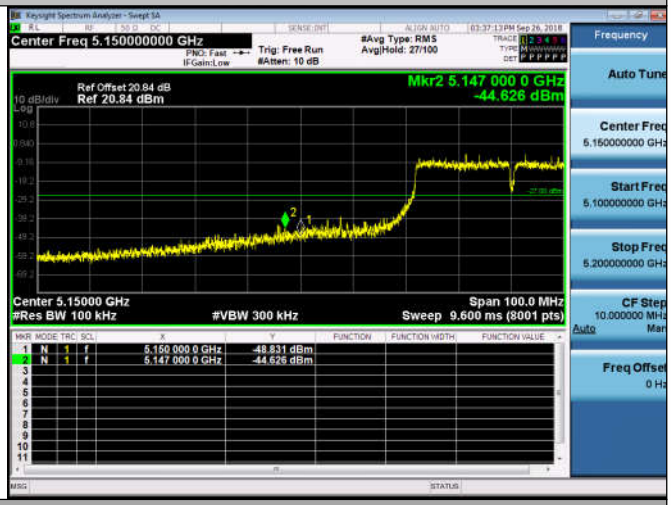
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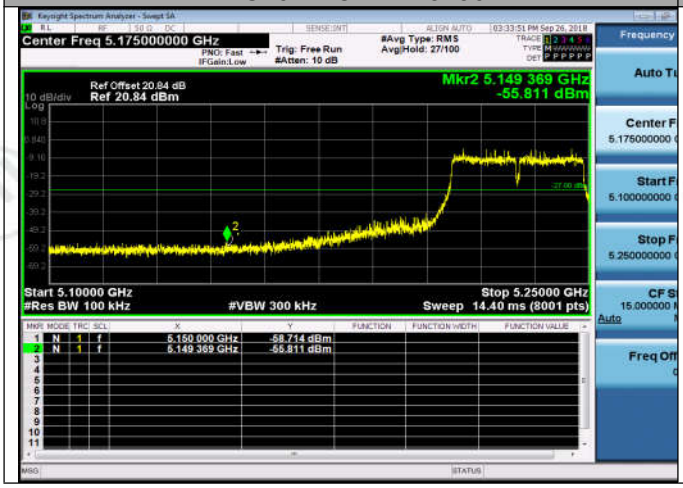	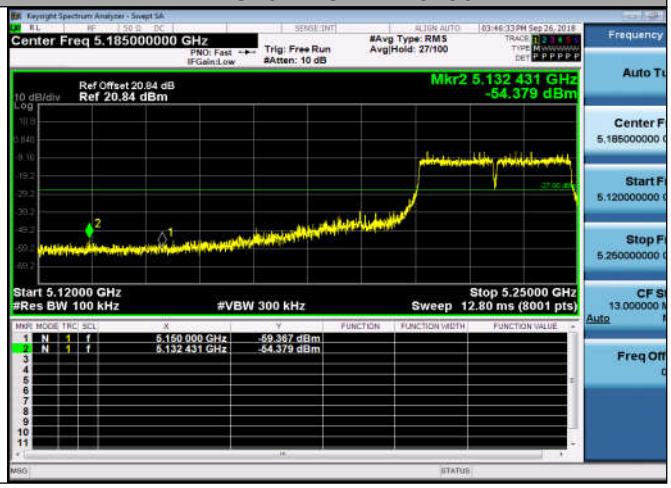

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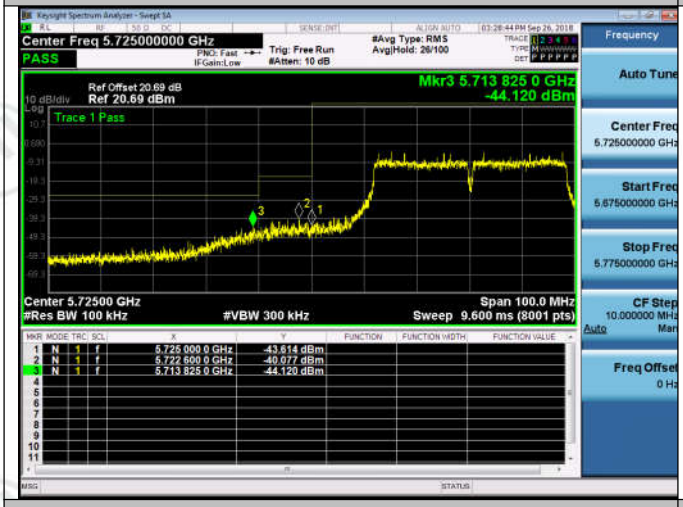	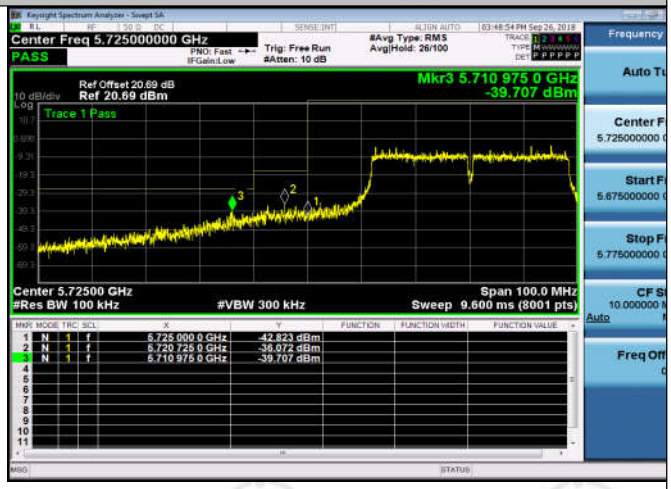
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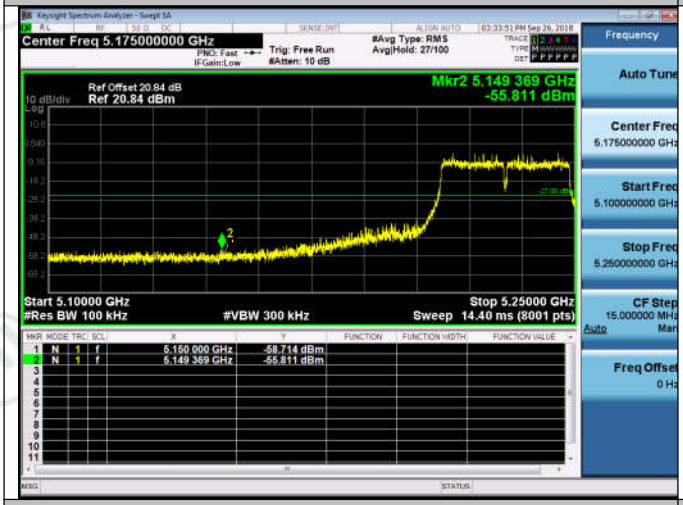	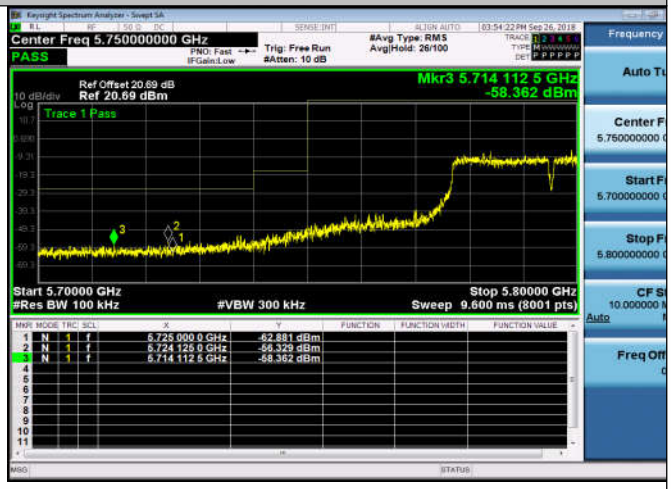
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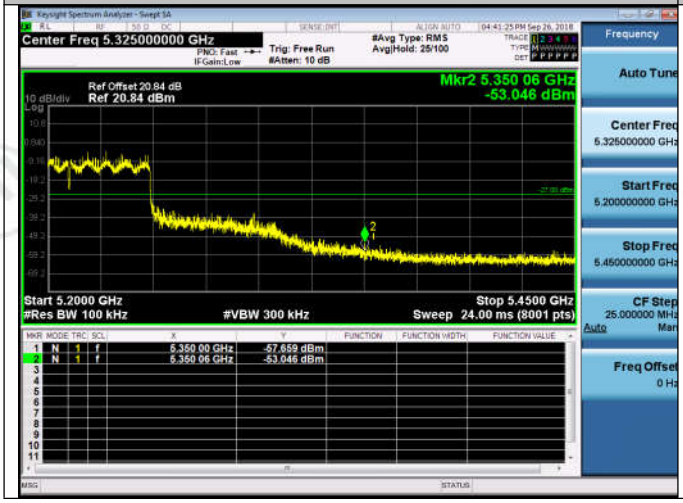	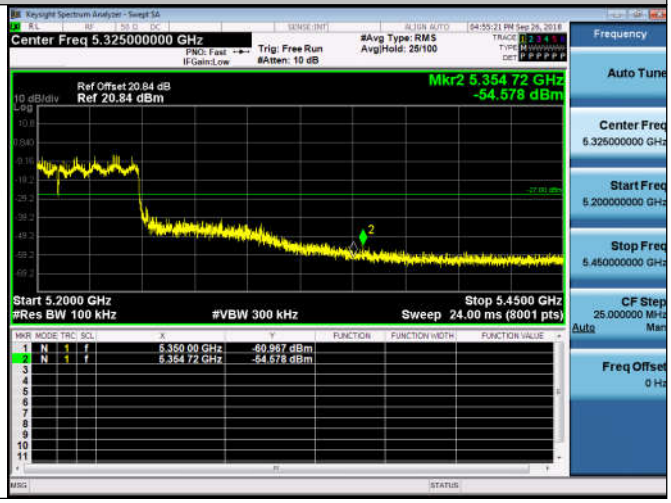

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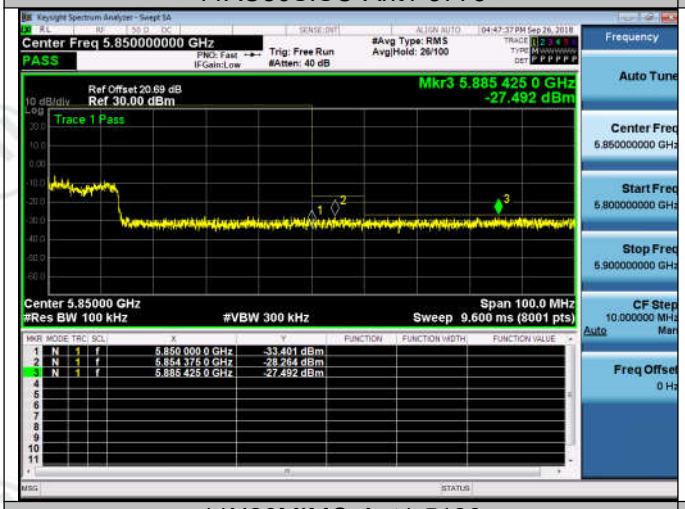	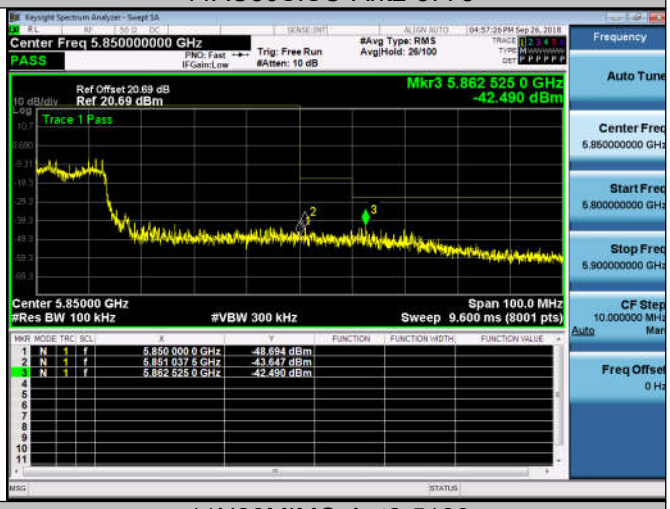
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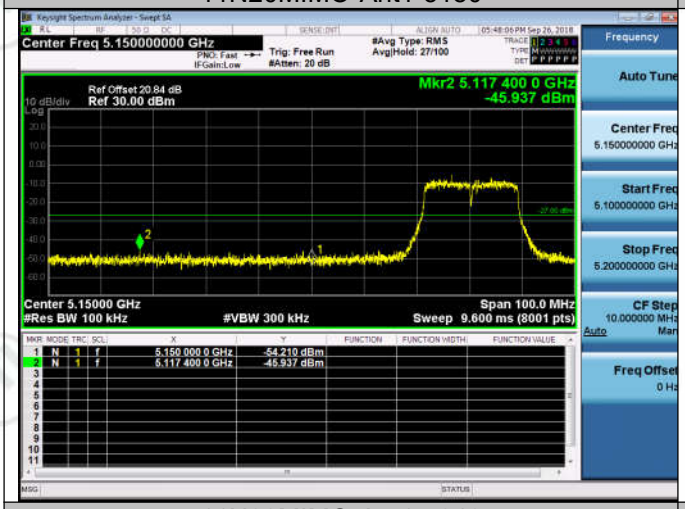	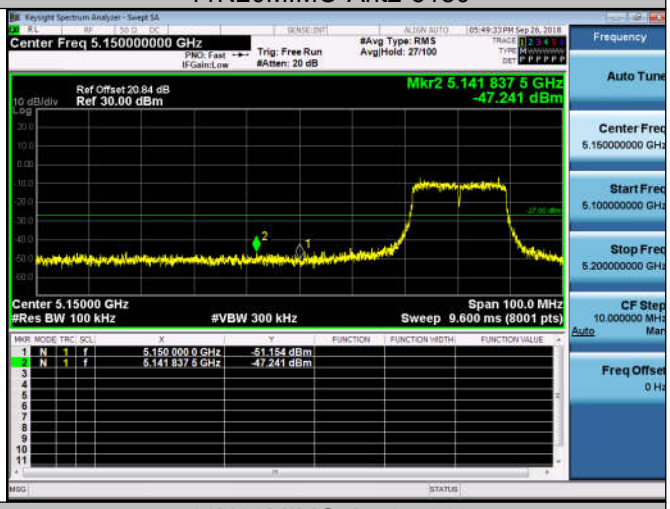
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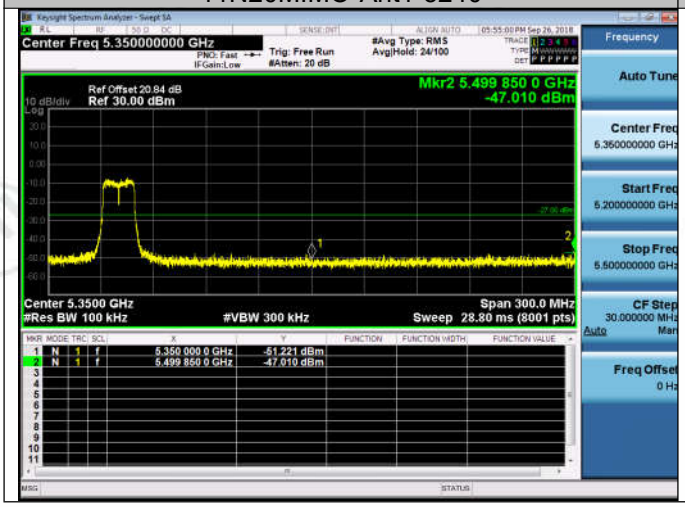	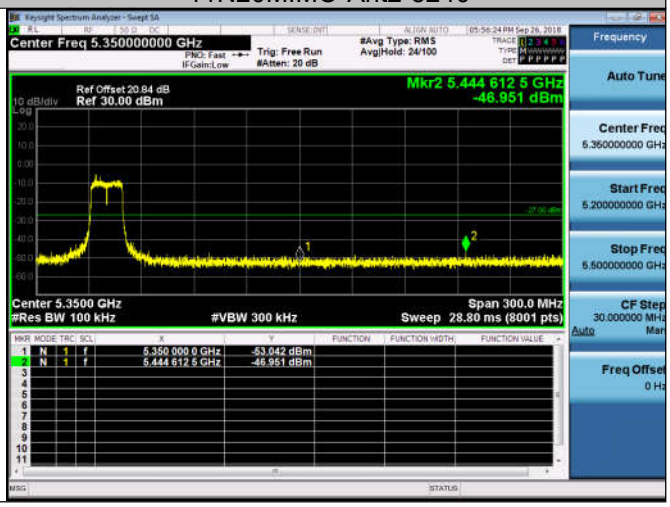

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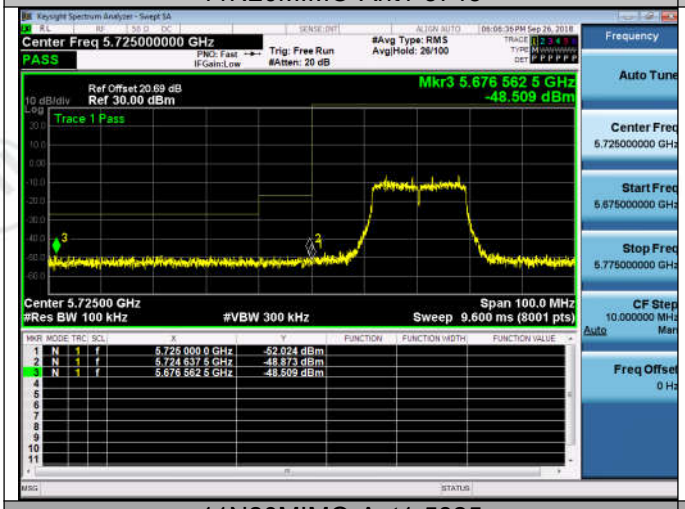	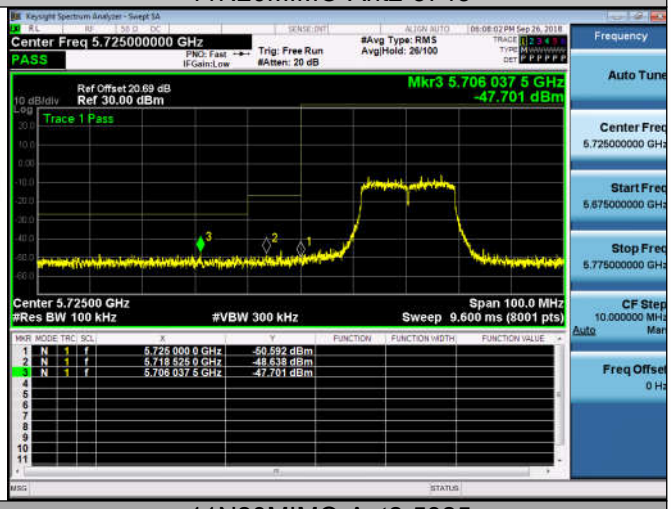
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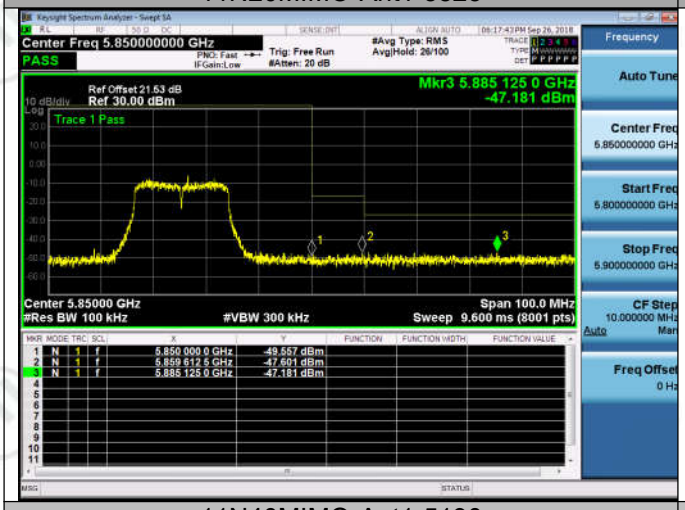	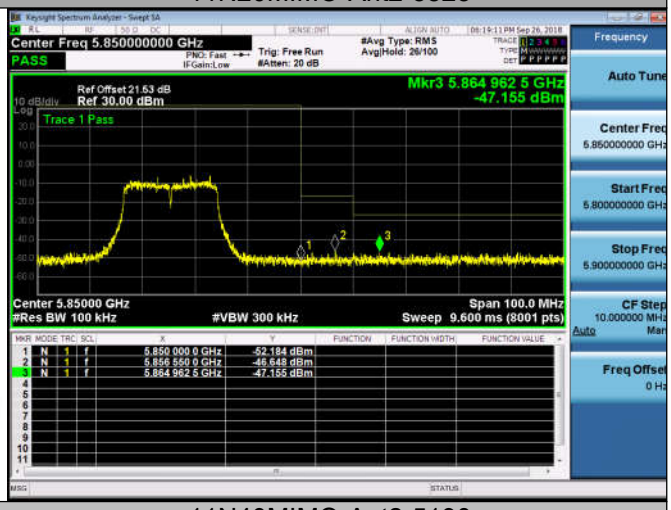
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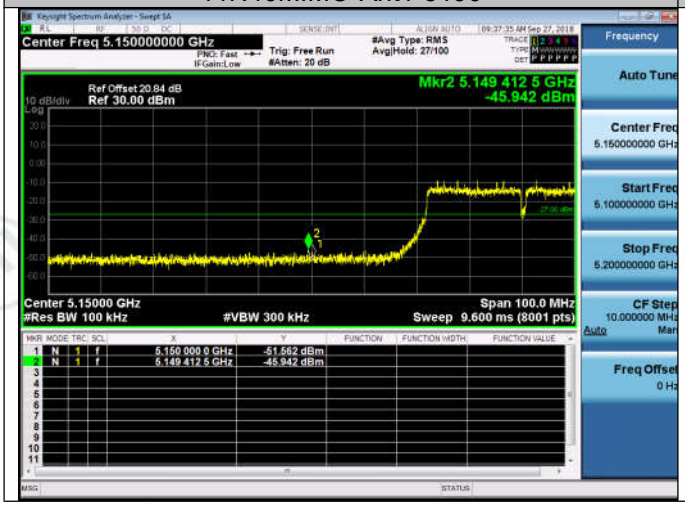	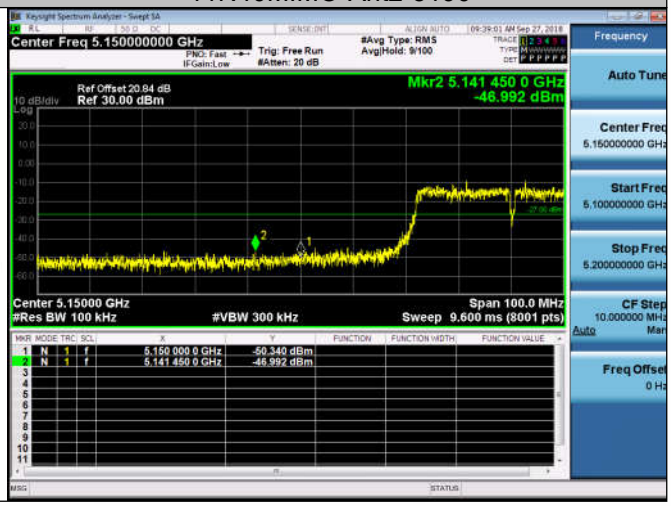

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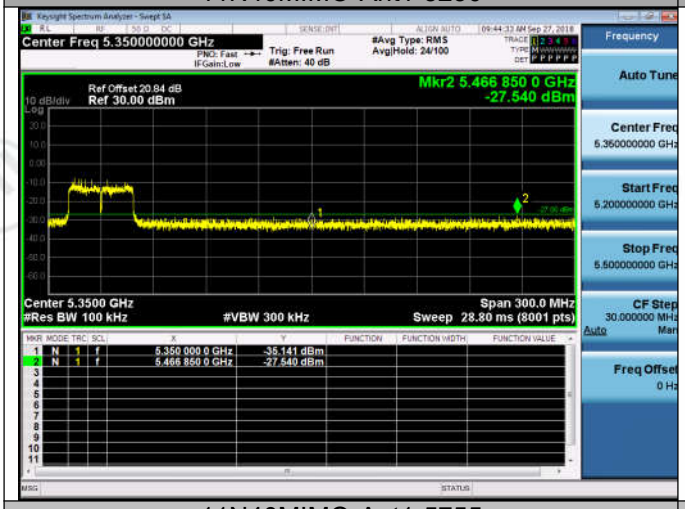	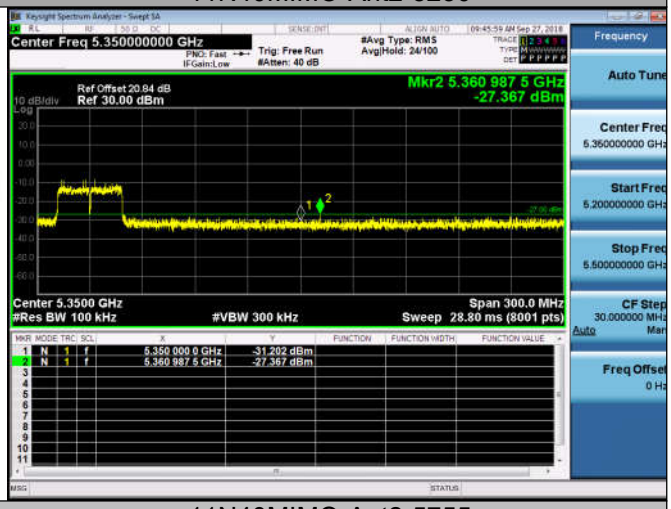
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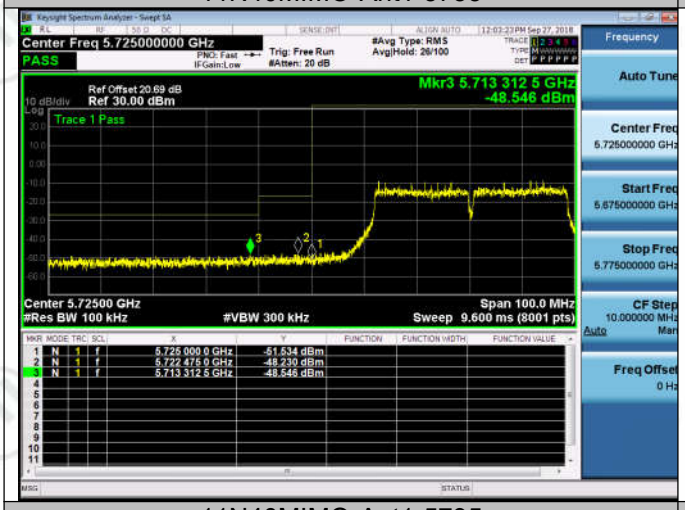	
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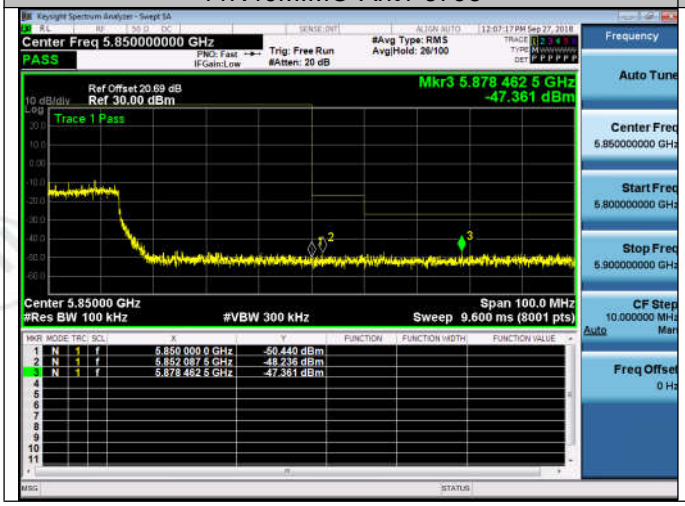	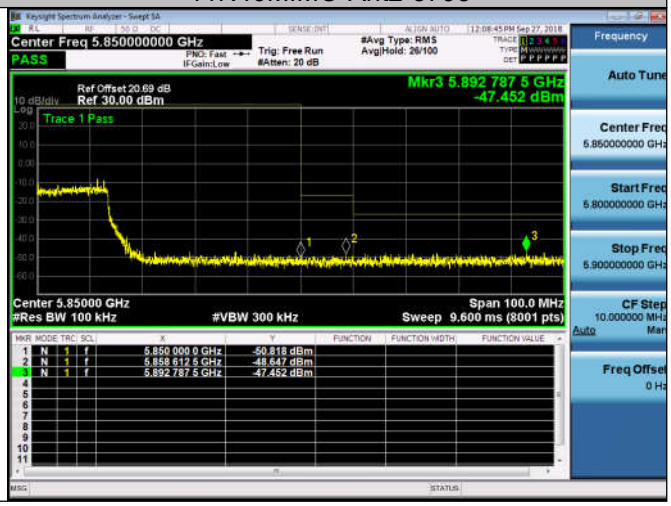

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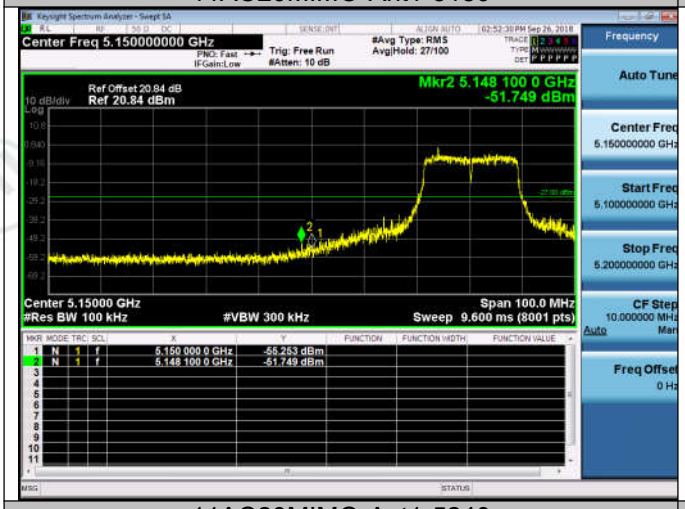	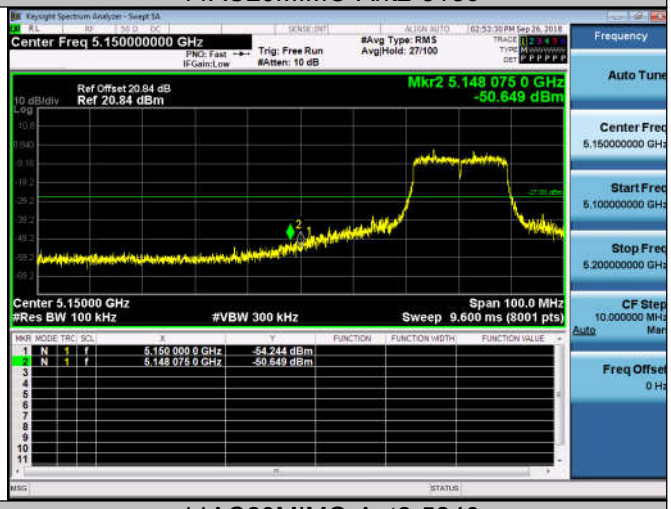
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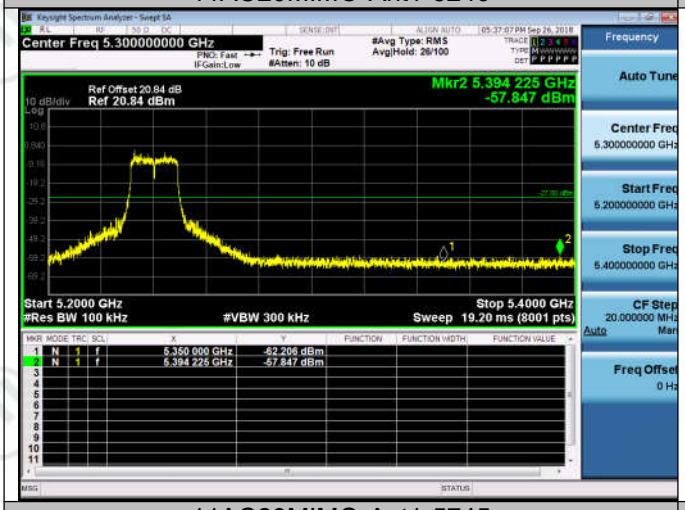	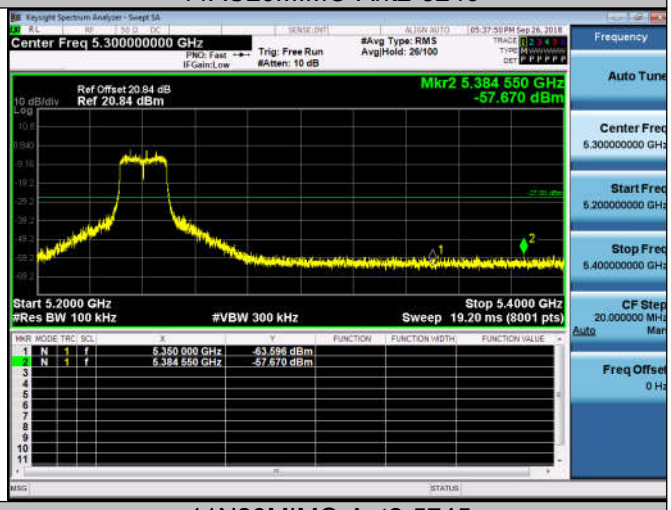
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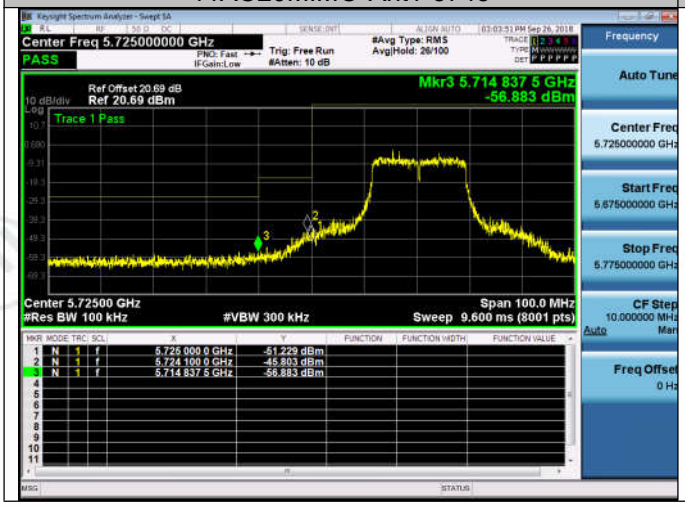	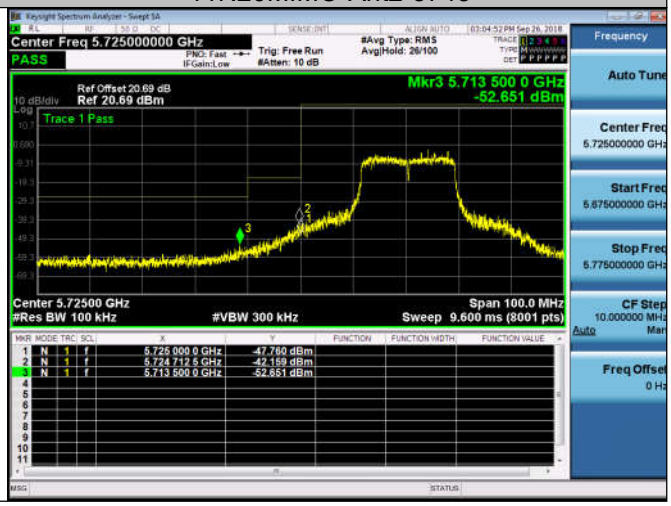

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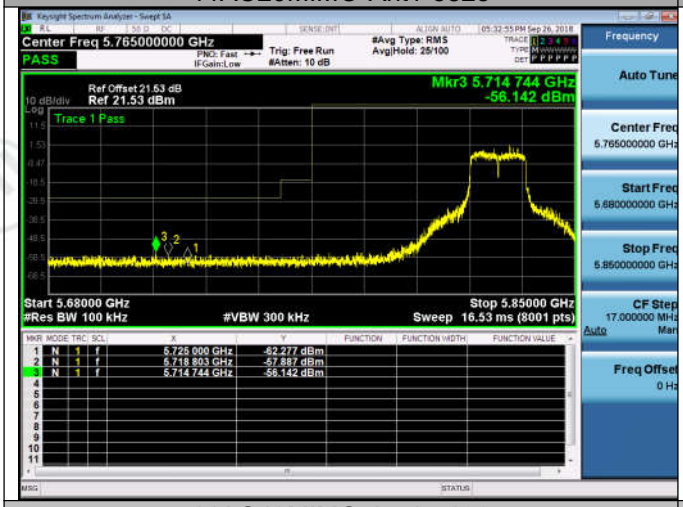

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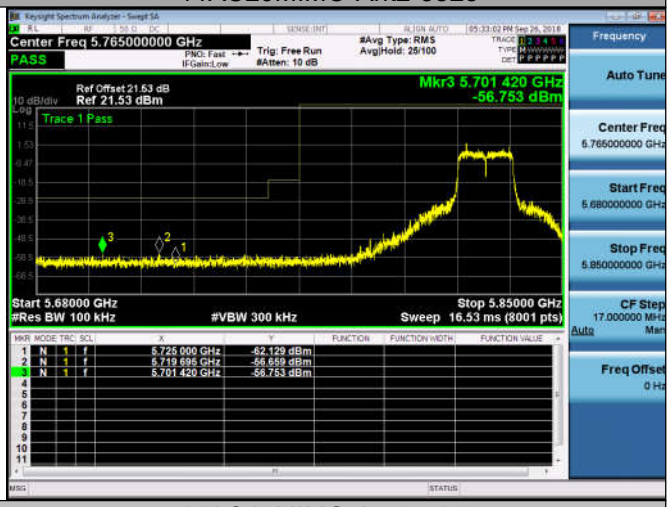

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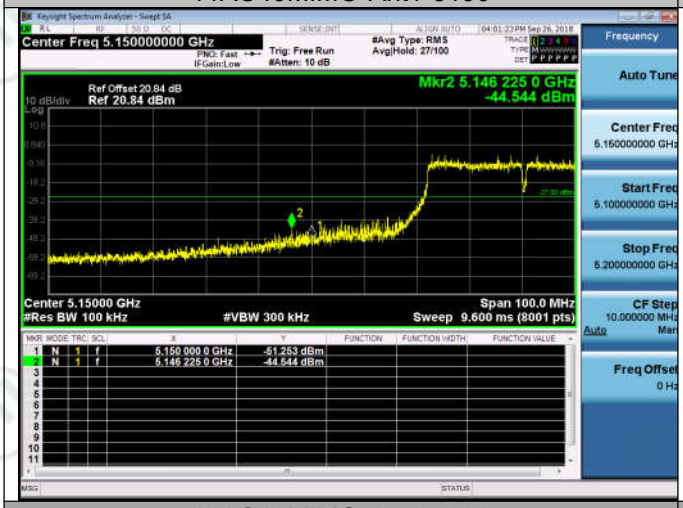

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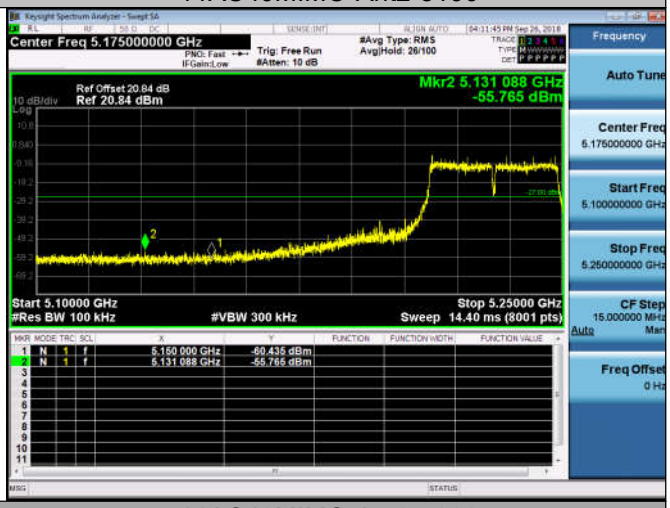

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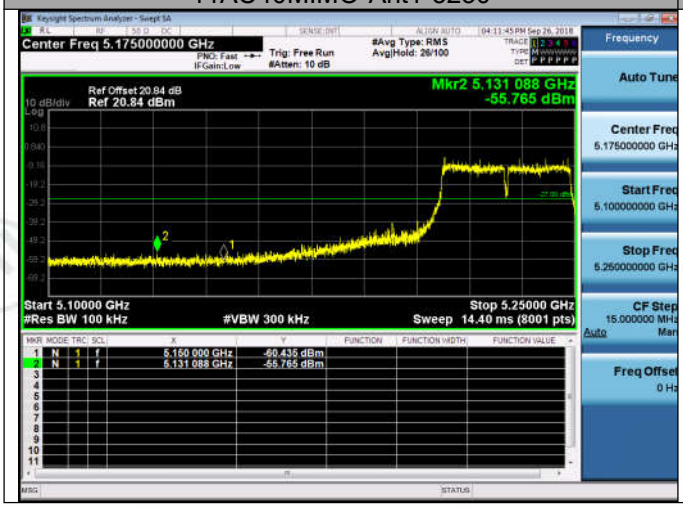

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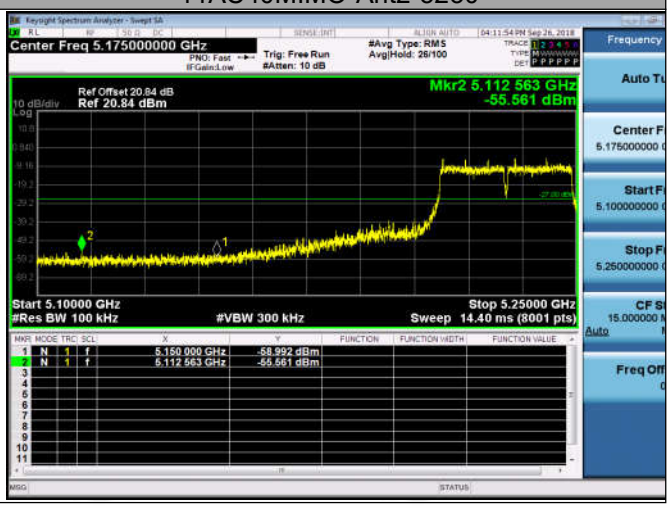

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	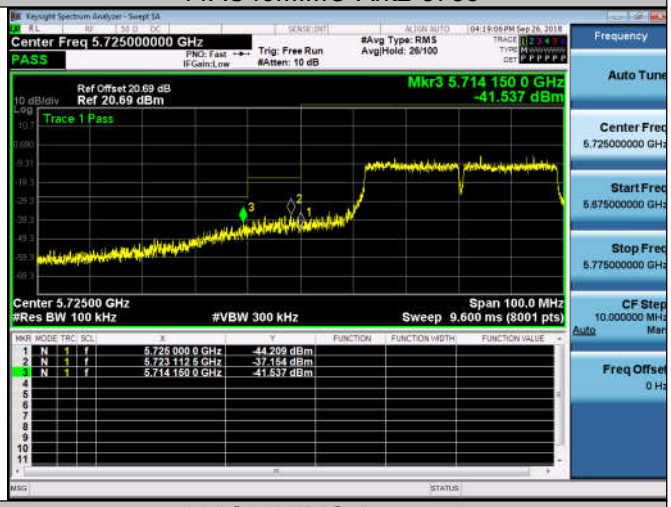
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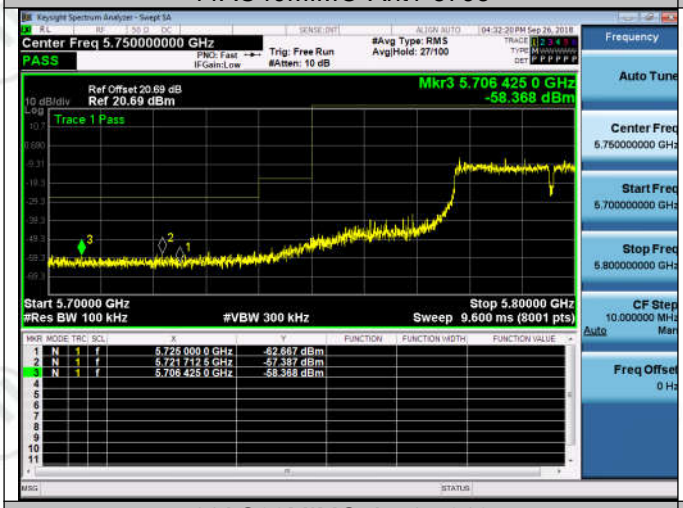	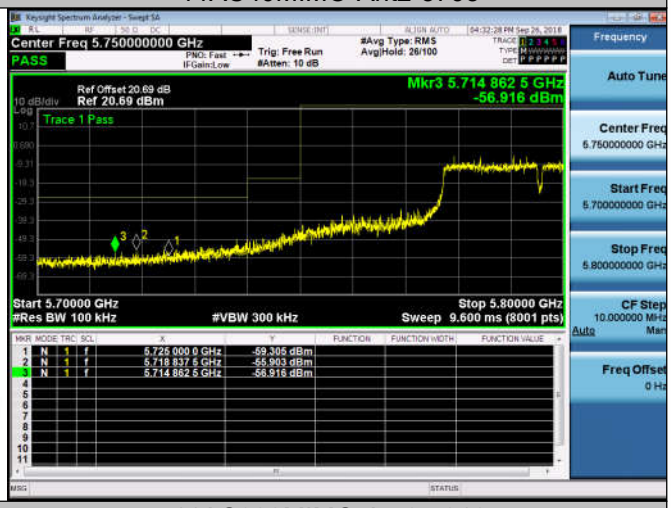
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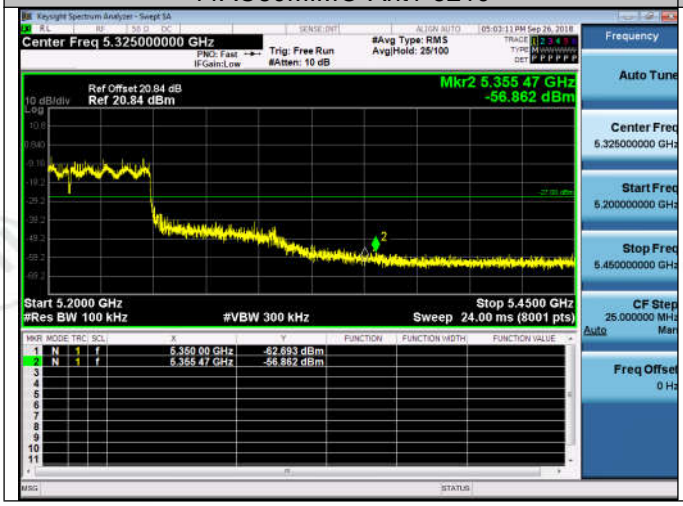	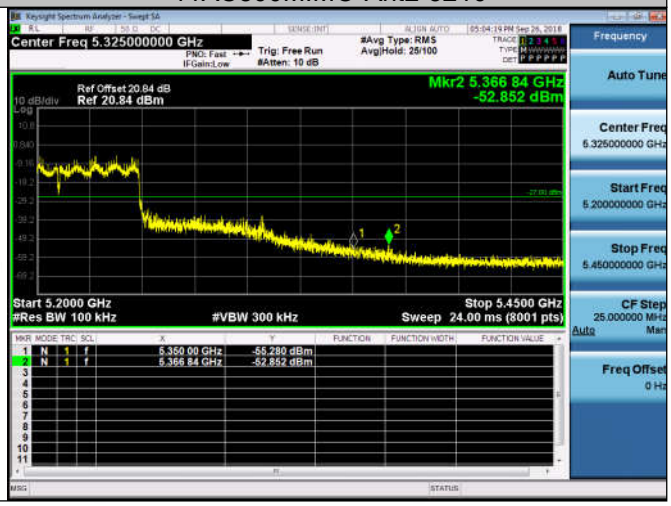

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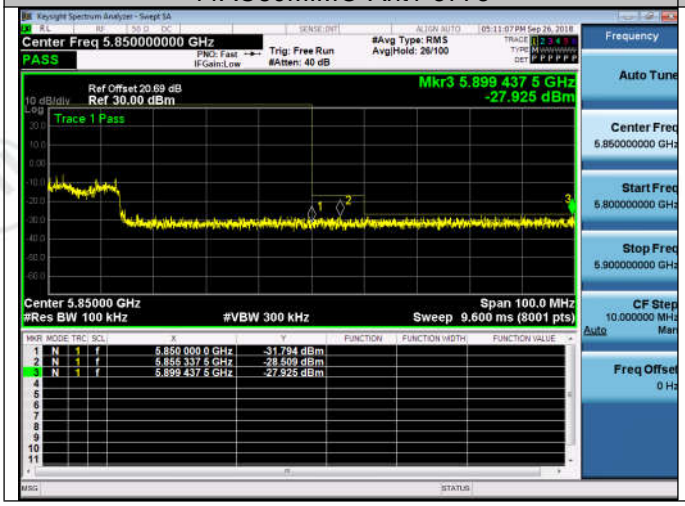
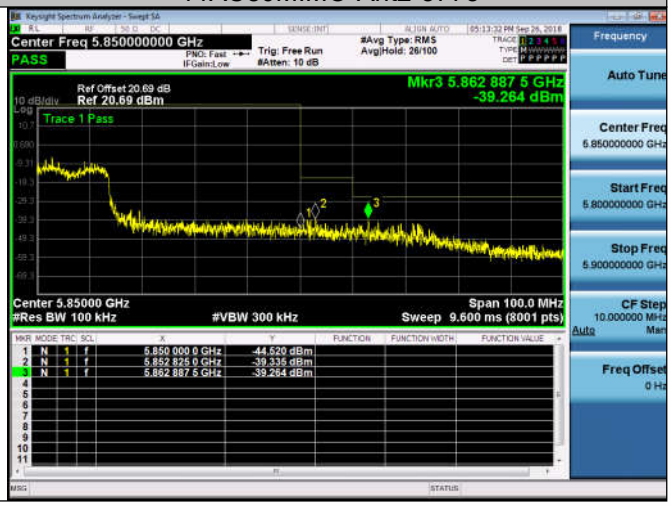
	

Appendix E): Frequency Stability

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	TN	VL	5180.1	19.305019	PASS
			TN	VN	5180.1	19.305019	PASS
			TN	VH	5180.04	7.722008	PASS
11A	Ant1	5785	TN	VL	5785.02	3.457217	PASS
			TN	VN	5785.08	13.828868	PASS
			TN	VH	5785.08	13.828868	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	60	VN	5180.06	11.583012	PASS
			50	VN	5180.02	3.861004	PASS
			40	VN	5180.04	7.722008	PASS
			30	VN	5180.1	19.305019	PASS
			20	VN	5180.02	3.861004	PASS
			10	VN	5180	0	PASS
			0	VN	5180.02	3.861004	PASS
11A	Ant1	5745	60	VN	5745.06	10.443864	PASS
			50	VN	5745.06	10.443864	PASS
			40	VN	5745.06	10.443864	PASS
			30	VN	5745.1	17.40644	PASS
			20	VN	5745.1	17.40644	PASS
			10	VN	5745.08	13.925152	PASS
			0	VN	5745.08	13.925152	PASS

Note:All the modulation and channels had been tested, but only the worst data recorded in the report.

Appendix F): Antenna Requirement

15.203 requirement:

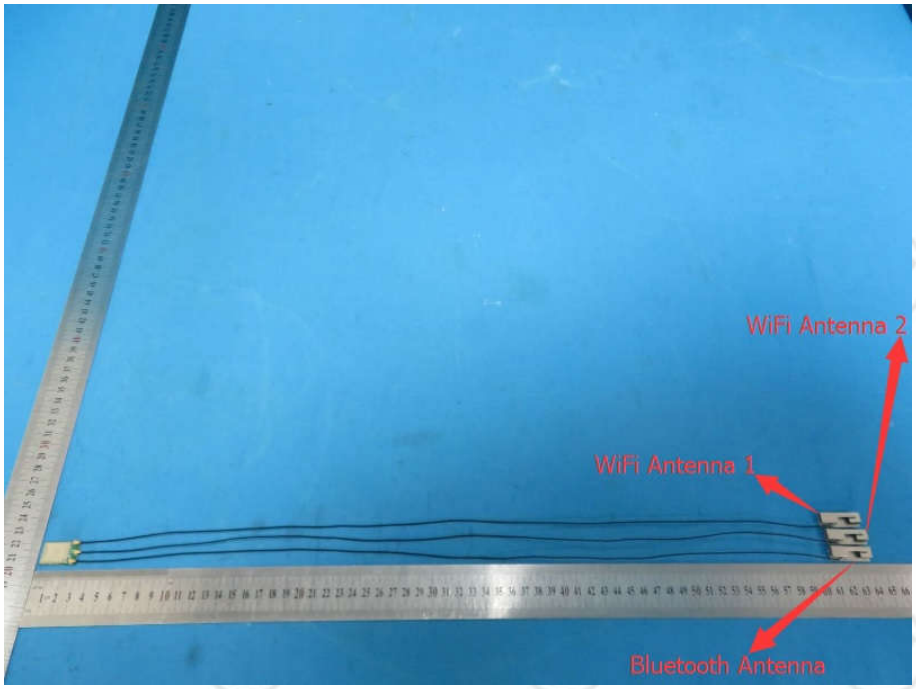
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.407(a)(1) (2) requirement:

The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:	

The antenna is PIFA Antenna and no consideration of replacement. The best case gain of the 5G WiFi antenna is 4.57dBi.



Appendix G): Operation in the absence of information to the transmit

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.
Operation in the absence of information to the transmit
When the device is not transmitting any information, the device can automatically discontinue transmission and become standby mode for power saving. The device can detect WAKE-UP signal and verify whether it shall resend or discontinue transmission.. (manufacturer declare)

Appendix H): AC Power Line Conducted Emission

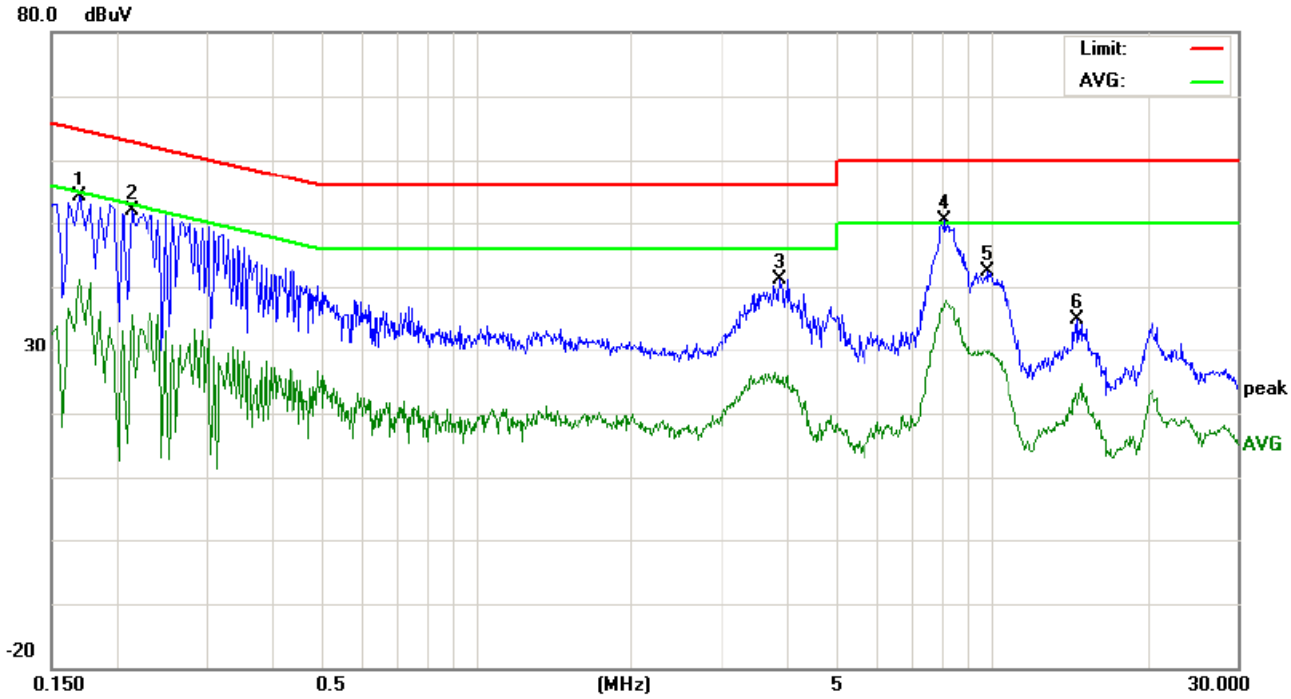
<table>
<tr><td>Test Procedure:</td><td>Test frequency range :150KHz-30MHz
1)The mains terminal disturbance voltage test was conducted in a shielded room.
2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.</td></tr>
<tr><td>Limit:</td><td>
<table>
<tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr>
<tr><th>Quasi-peak</th><th>Average</th></tr>
<tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr>
<tr><td>0.5-5</td><td>56</td><td>46</td></tr>
<tr><td>5-30</td><td>60</td><td>50</td></tr>
</table>
* The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.
NOTE : The lower limit is applicable at the transition frequency</td></tr>
</table>

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

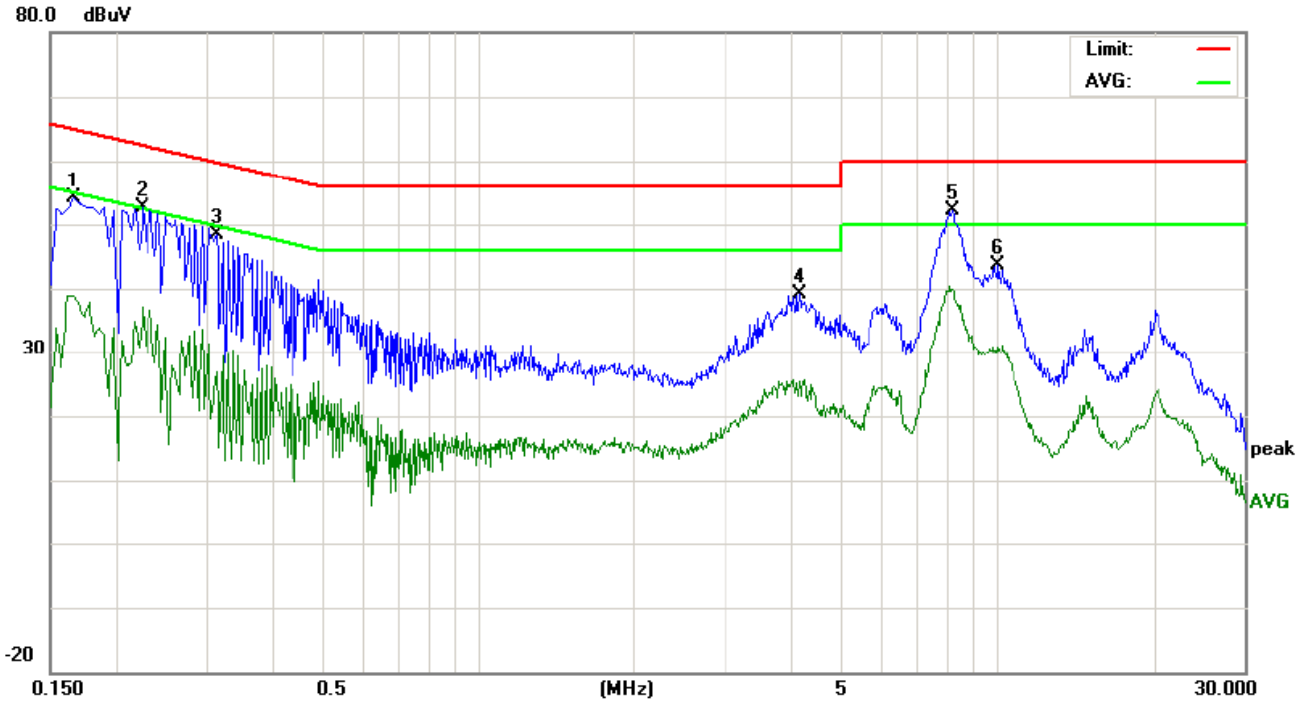
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

Live line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1700	44.44	41.56	31.31	9.74	54.18	51.30	41.05	64.96	54.96	-13.66	-13.91	P	
2	0.2140	42.21	39.87	25.98	9.72	51.93	49.59	35.70	63.04	53.04	-13.45	-17.34	P	
3	3.8820	31.58	28.54	14.98	9.66	41.24	38.20	24.64	56.00	46.00	-17.80	-21.36	P	
4	8.1420	40.77	37.84	27.34	9.68	50.45	47.52	37.02	60.00	50.00	-12.48	-12.98	P	
5	9.8220	32.67	29.65	20.01	9.78	42.45	39.43	29.79	60.00	50.00	-20.57	-20.21	P	
6	14.7100	24.83	21.36	12.06	10.00	34.83	31.36	22.06	60.00	50.00	-28.64	-27.94	P	

Neutral line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1660	44.31	41.32	29.07	9.75	54.06	51.07	38.82	65.15	55.15	-14.08	-16.33	P	
2	0.2260	42.81	39.67	27.35	9.73	52.54	49.40	37.08	62.59	52.59	-13.19	-15.51	P	
3	0.3140	38.59	35.24	17.09	9.78	48.37	45.02	26.87	59.86	49.86	-14.84	-22.99	P	
4	4.1700	29.54	26.15	15.73	9.65	39.19	35.80	25.38	56.00	46.00	-20.20	-20.62	P	
5	8.2100	42.34	39.78	30.22	9.69	52.03	49.47	39.91	60.00	50.00	-10.53	-10.09	P	
6	10.0380	33.87	30.21	20.36	9.79	43.66	40.00	30.15	60.00	50.00	-20.00	-19.85	P	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

Appendix I) Restricted bands around fundamental frequency (Radiated Emission)

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. 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 and the rotatable 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. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).
h. Test the EUT in the lowest channel , the Highest channel
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
j. Repeat above procedures until all frequencies measured was complete.

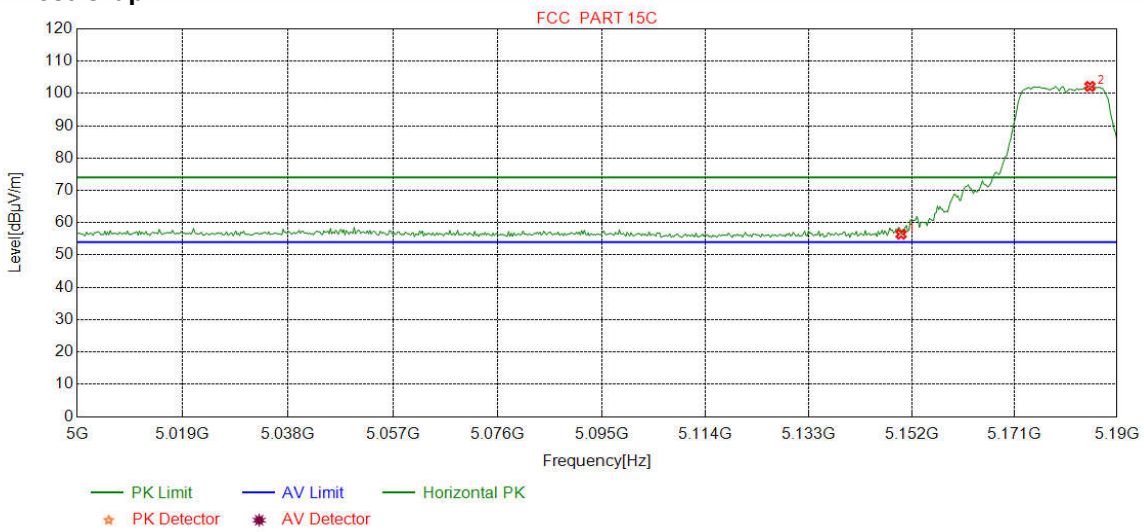
Limit:

Frequency	Limit (dBμV/m @3cm)	Remark
30MHz-88MHz	40.0	Quasi-peak Value
88MHz-216MHz	43.5	Quasi-peak Value
216MHz-960MHz	46.0	Quasi-peak Value
960MHz-1GHz	54.0	Quasi-peak Value
Above 1GHz	54.0	Average Value
	74.0	Peak Value

Test plot as follows:

Mode:	802.11 a(HT20) Transmitting	Channel:	5180

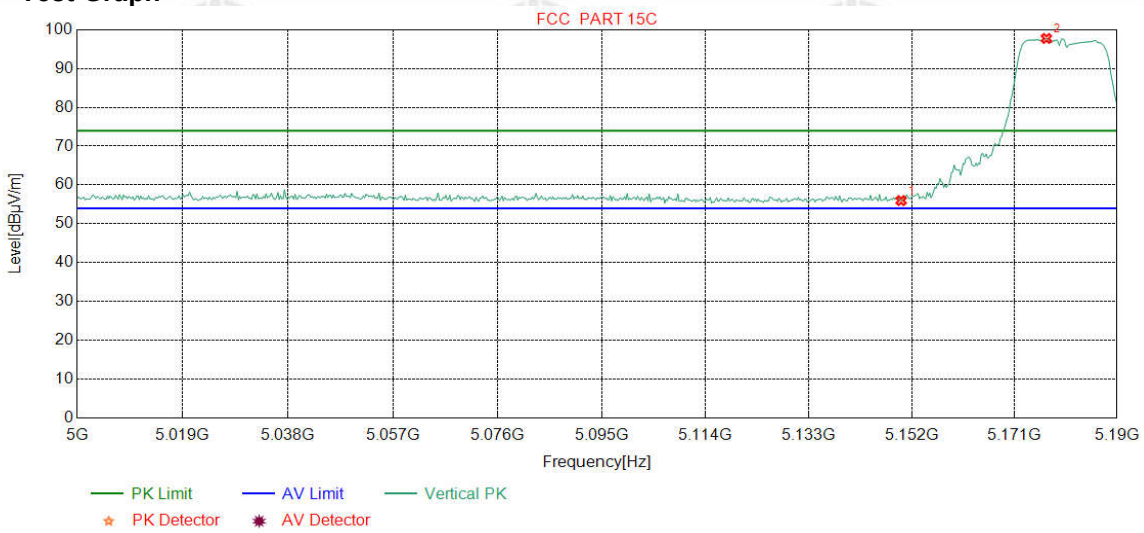
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	42.77	56.45	74.00	17.55	Pass	H	Peak
2	5185.0063	34.69	15.42	-35.95	88.03	102.19	74.00	-28.19	Pass	H	Peak

Mode:	802.11 a(HT20) Transmitting	Channel:	5180

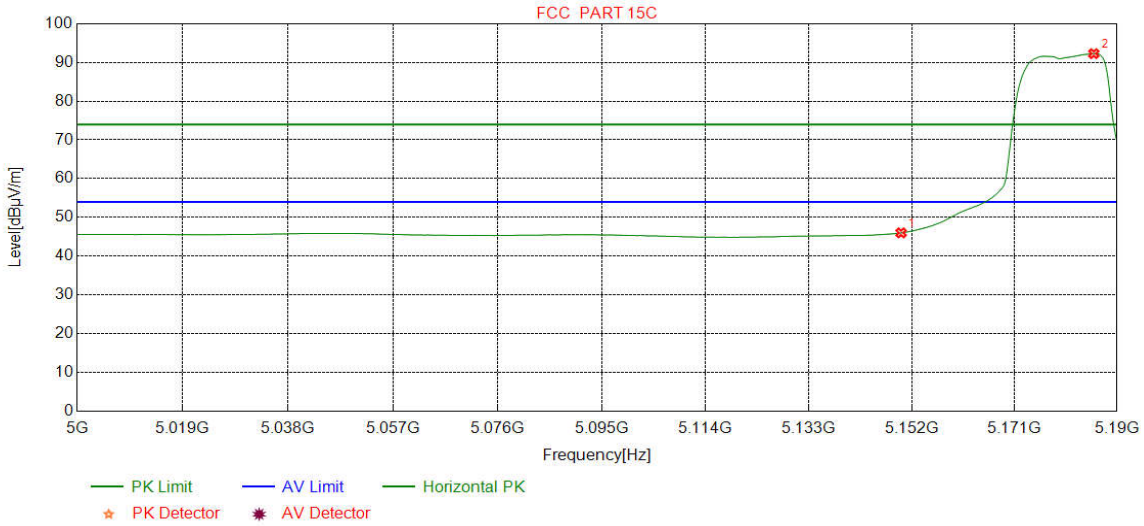
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	42.29	55.97	74.00	18.03	Pass	V	Peak
2	5176.9212	34.68	15.34	-35.97	83.73	97.78	74.00	-23.78	Pass	V	Peak

Mode:	802.11 a(HT20) Transmitting	Channel:	5180

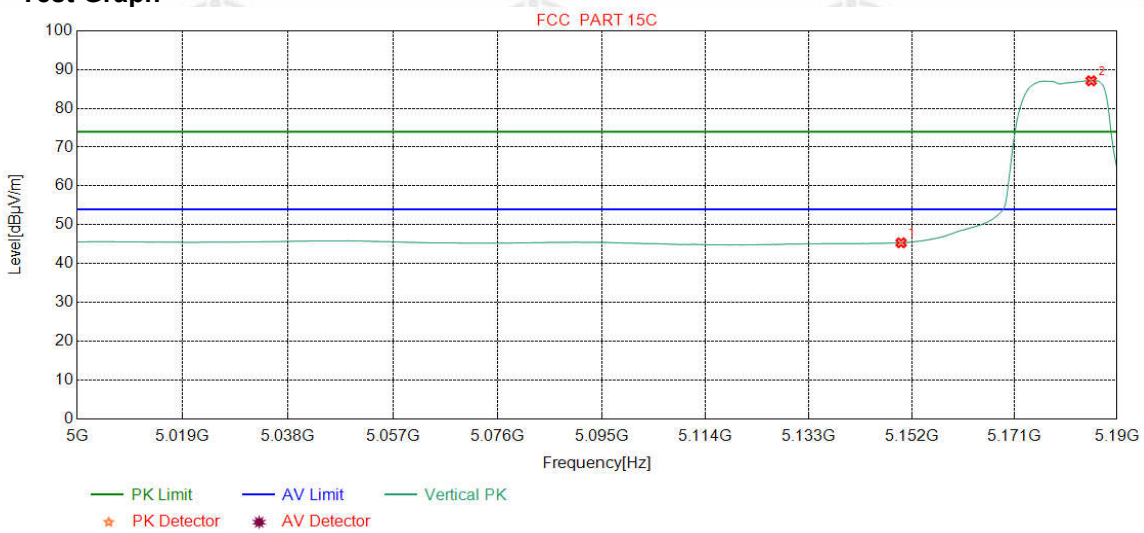
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	32.31	45.99	54.00	8.01	Pass	H	AV
2	5185.7197	34.69	15.43	-35.95	78.12	92.29	54.00	-38.29	Pass	H	AV

Mode:	802.11 a(HT20) Transmitting	Channel:	5180

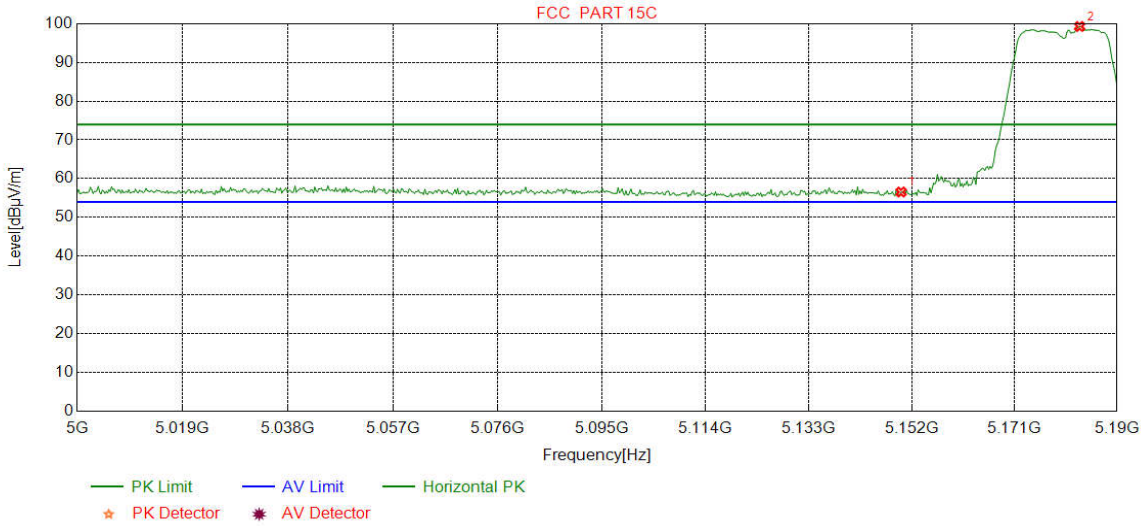
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	31.66	45.34	54.00	8.66	Pass	H	AV
2	5185.2441	34.69	15.43	-35.95	72.95	87.12	54.00	-33.12	Pass	H	AV

Mode:	802.11 n(HT20) Transmitting	Channel:	5180

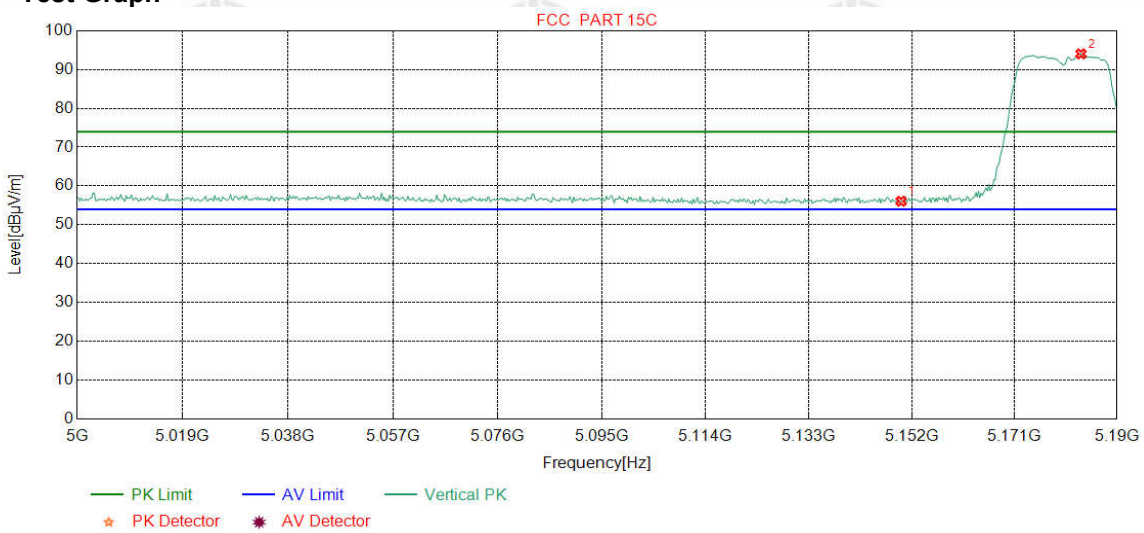
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	42.86	56.54	74.00	17.46	Pass	H	Peak
2	5183.1039	34.68	15.40	-35.94	85.17	99.31	74.00	-25.31	Pass	H	Peak

Mode:	802.11 n(HT20) Transmitting	Channel:	5180

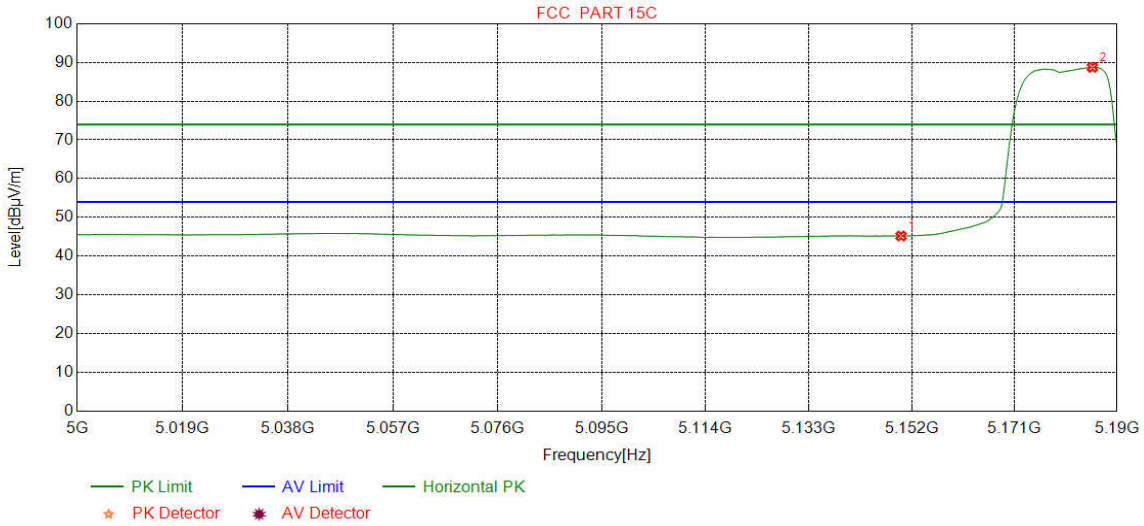
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	42.38	56.06	74.00	17.94	Pass	V	Peak
2	5183.3417	34.68	15.41	-35.95	79.93	94.07	74.00	-20.07	Pass	V	Peak

Mode:	802.11 n(HT20) Transmitting	Channel:	5180

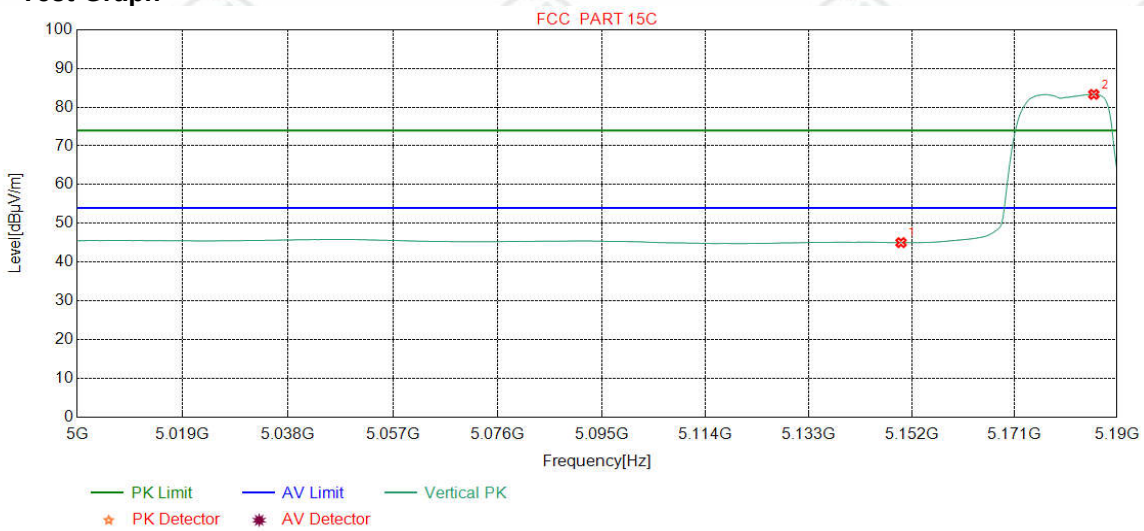
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	31.50	45.18	54.00	8.82	Pass	H	AV
2	5185.4819	34.69	15.43	-35.95	74.58	88.75	54.00	-34.75	Pass	H	AV

Mode:	802.11 n(HT20) Transmitting	Channel:	5180

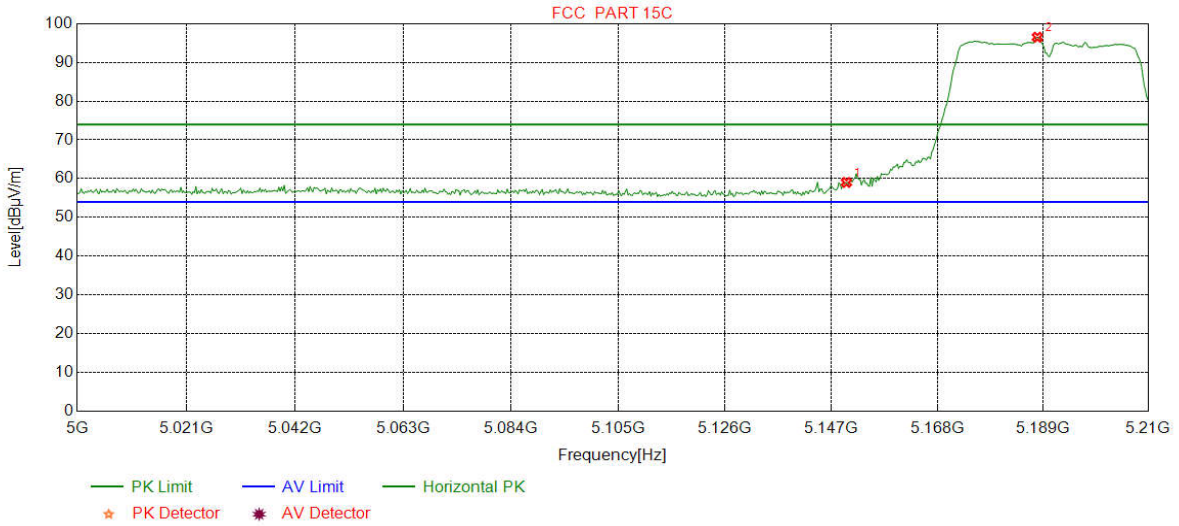
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	31.34	45.02	54.00	8.98	Pass	V	AV
2	5185.7197	34.69	15.43	-35.95	69.14	83.31	54.00	-29.31	Pass	V	AV

Mode:	802.11 n(HT40) Transmitting	Channel:	5190

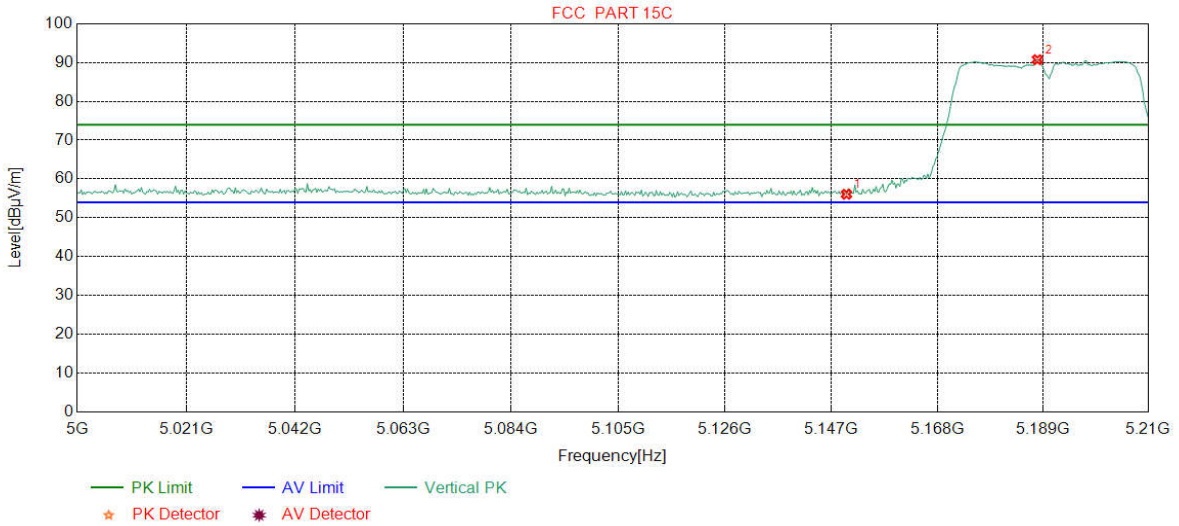
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	45.34	59.02	74.00	14.98	Pass	H	Peak
2	5187.9224	34.69	15.45	-35.94	82.33	96.53	74.00	-22.53	Pass	H	Peak

Mode:	802.11 n(HT40) Transmitting	Channel:	5190

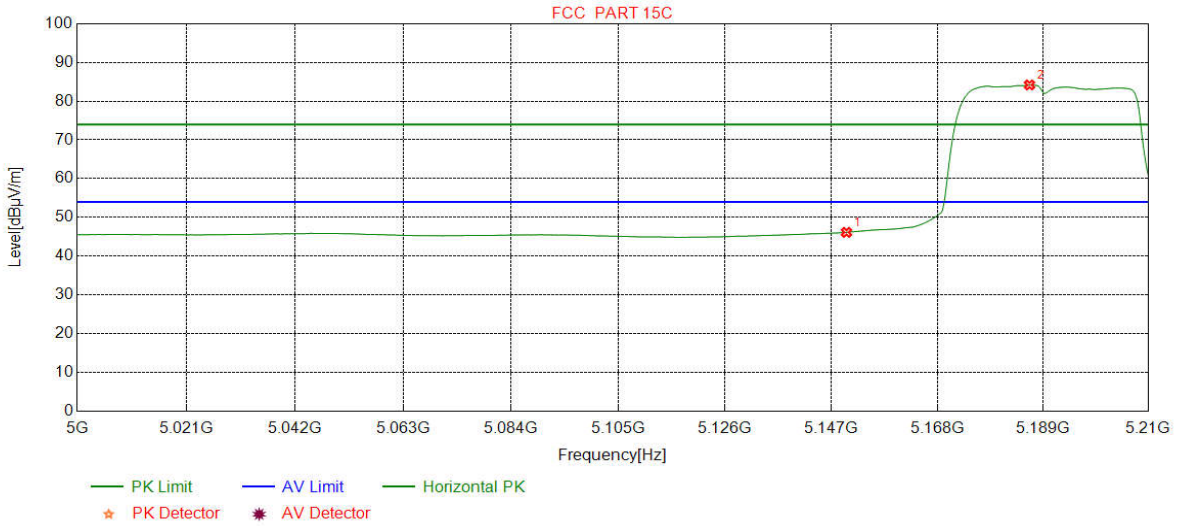
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	42.38	56.06	74.00	17.94	Pass	V	Peak
2	5187.9224	34.69	15.45	-35.94	76.56	90.76	74.00	-16.76	Pass	V	Peak

Mode:	802.11 n(HT40) Transmitting	Channel:	5190

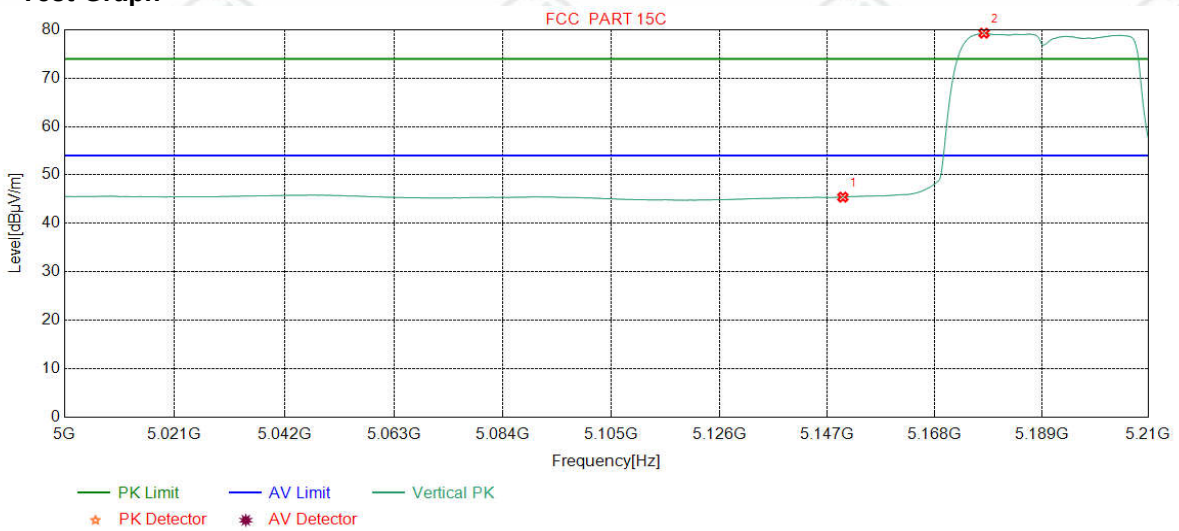
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	32.44	46.12	54.00	7.88	Pass	H	AV
2	5186.3454	34.69	15.44	-35.95	70.02	84.20	54.00	-30.20	Pass	H	AV

Mode:	802.11 n(HT40) Transmitting	Channel:	5190

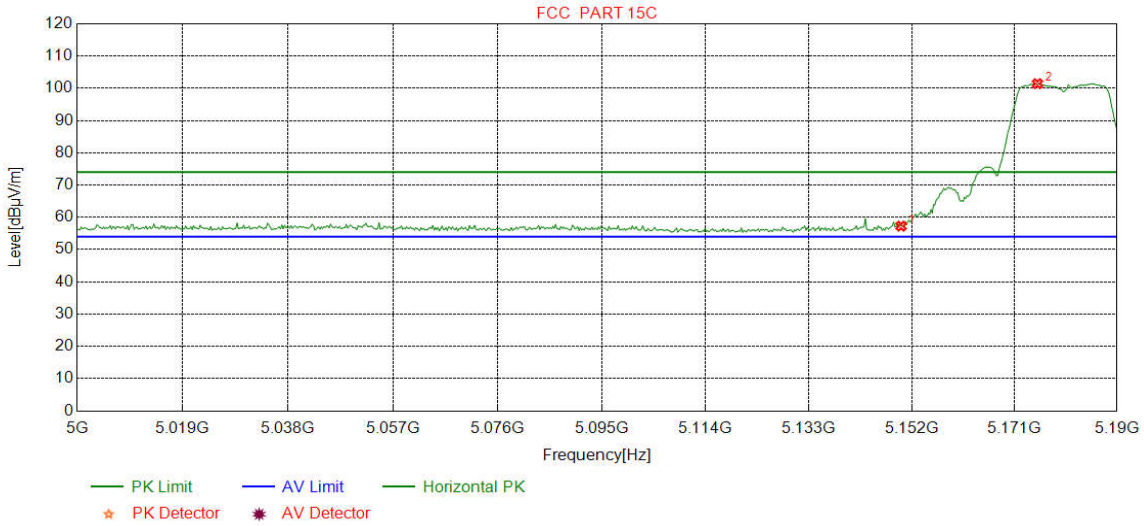
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	31.73	45.41	54.00	8.59	Pass	V	AV
2	5177.6721	34.68	15.35	-35.97	65.24	79.30	54.00	-25.30	Pass	V	AV

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180

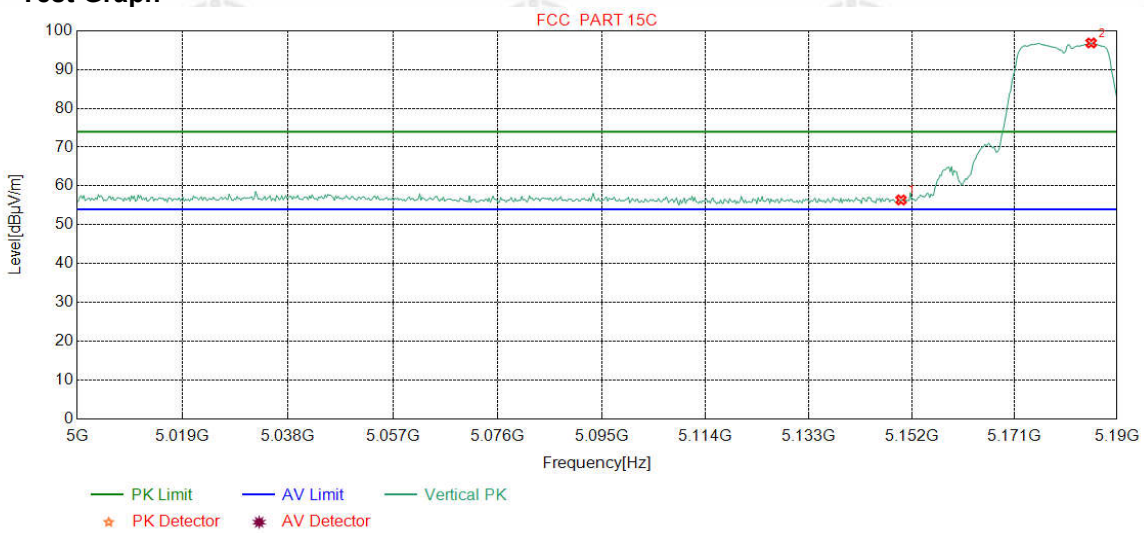
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	43.59	57.27	74.00	16.73	Pass	H	Peak
2	5175.2566	34.68	15.33	-35.98	87.41	101.4	74.00	-27.44	Pass	H	Peak

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180

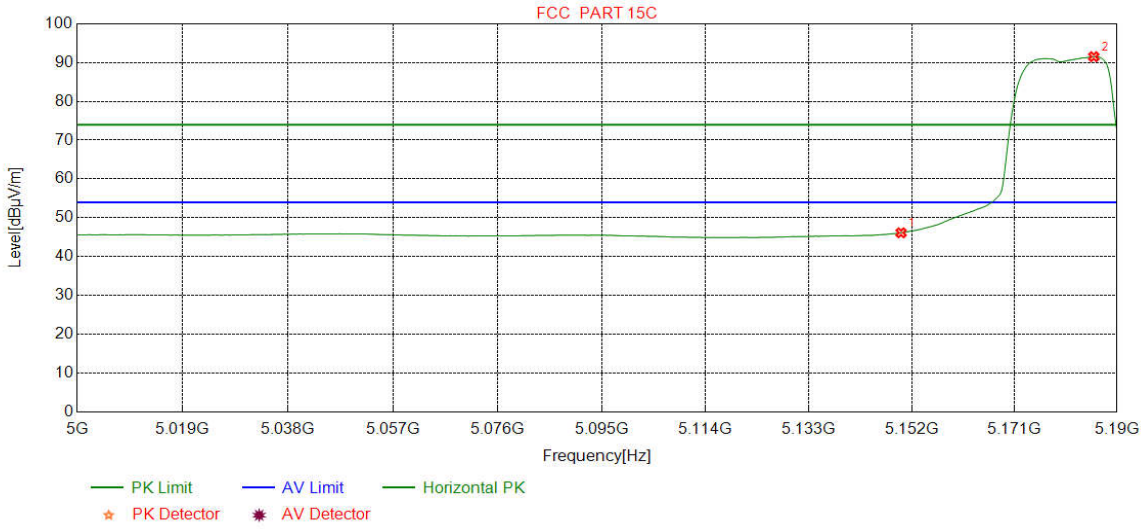
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	42.71	56.39	74.00	17.61	Pass	V	Peak
2	5185.2441	34.69	15.43	-35.95	82.70	96.87	74.00	-22.87	Pass	V	Peak

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180

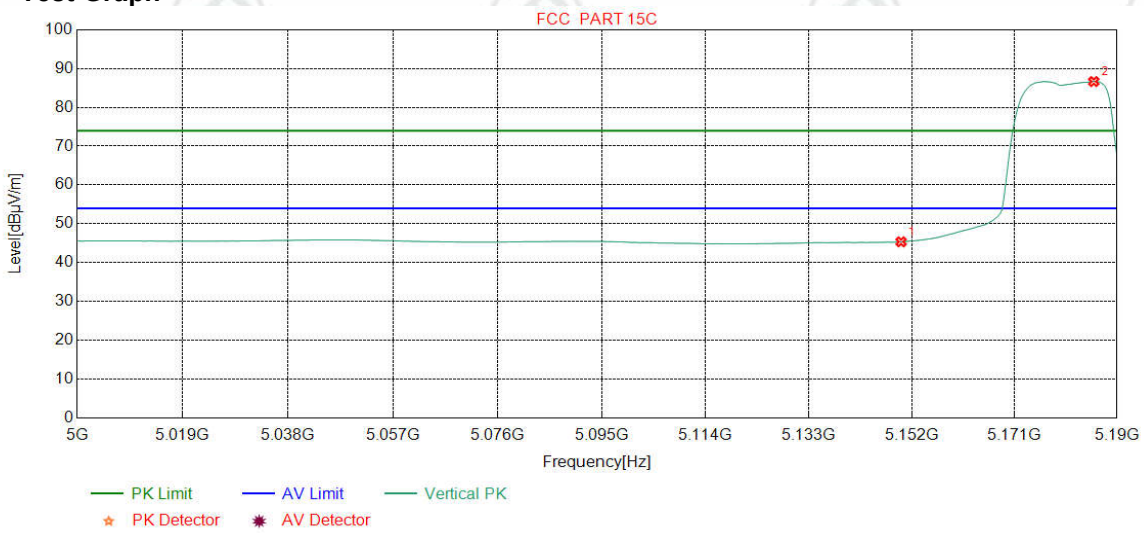
Test Grap



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	32.44	46.12	54.00	7.88	Pass	H	AV
2	5185.7197	34.69	15.43	-35.95	77.36	91.53	54.00	-37.53	Pass	H	AV

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180

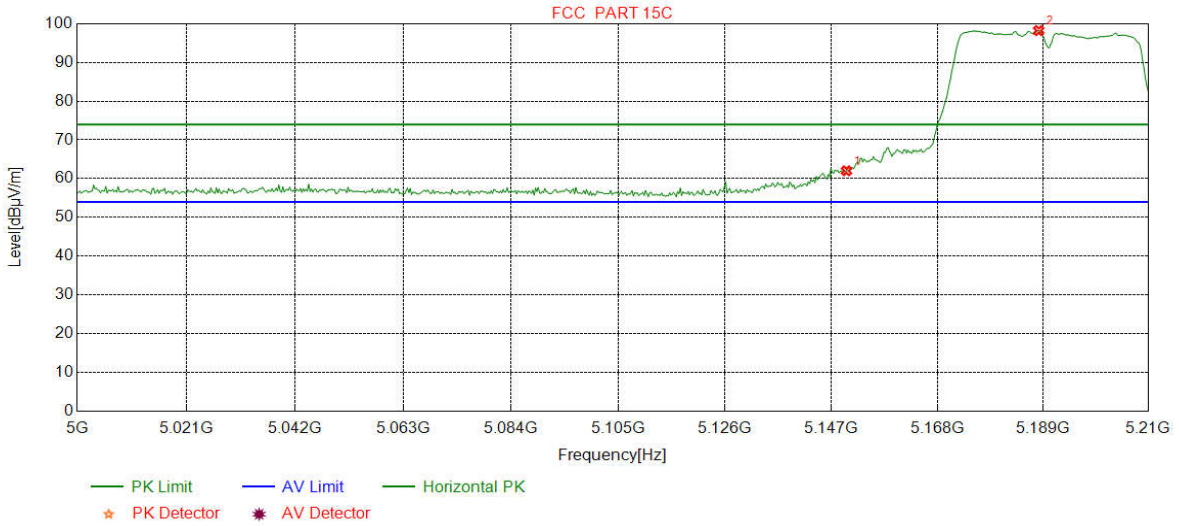
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµ V/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	31.66	45.34	54.00	8.66	Pass	V	AV
2	5185.7197	34.69	15.43	-35.95	72.49	86.66	54.00	-32.66	Pass	V	AV

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190

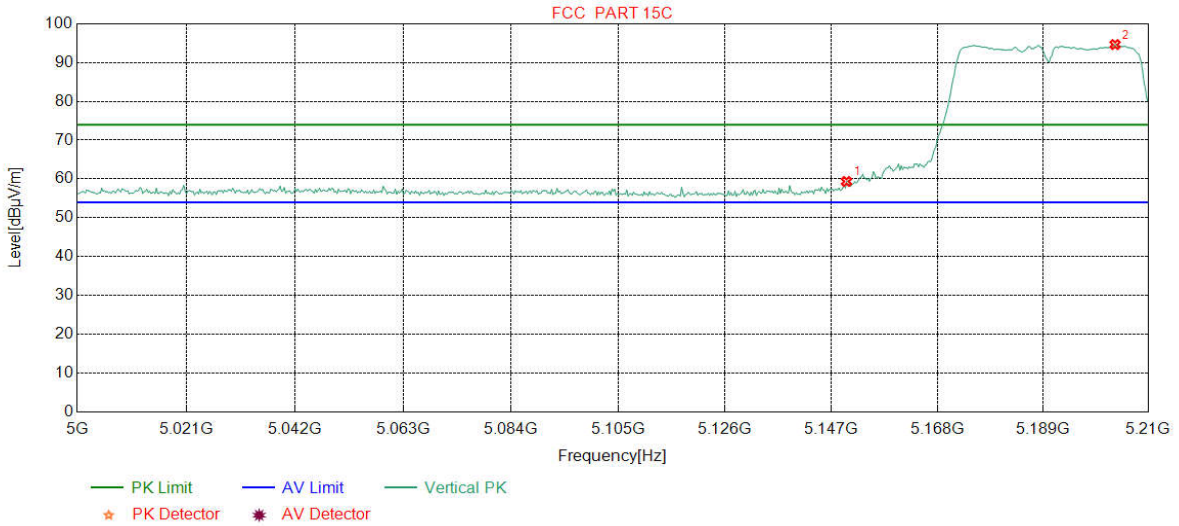
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	48.34	62.02	74.00	11.98	Pass	H	Peak
2	5188.1852	34.69	15.45	-35.93	84.03	98.24	74.00	-24.24	Pass	H	Peak

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190

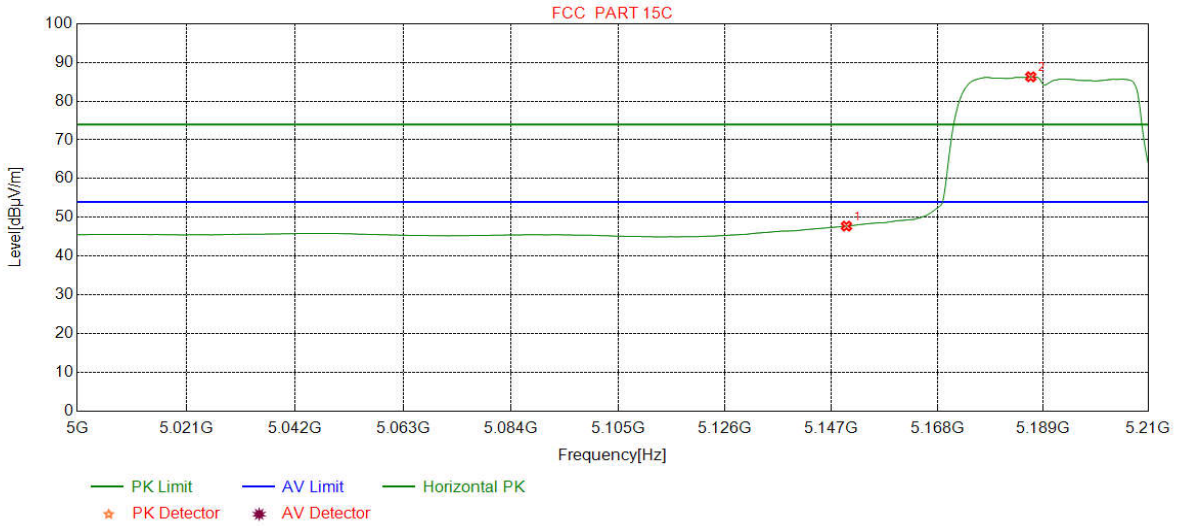
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	45.67	59.35	74.00	14.65	Pass	V	Peak
2	5203.4293	34.70	15.55	-35.89	80.29	94.65	74.00	-20.65	Pass	V	Peak

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190

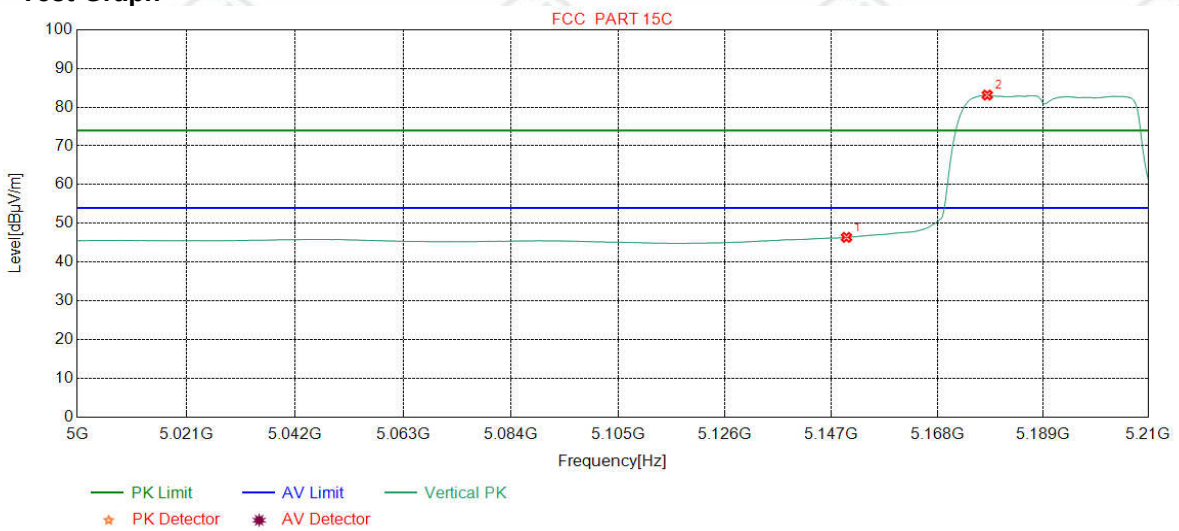
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	34.05	47.73	54.00	6.27	Pass	H	AV
2	5186.6083	34.69	15.44	-35.94	72.12	86.31	54.00	-32.31	Pass	H	AV

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190

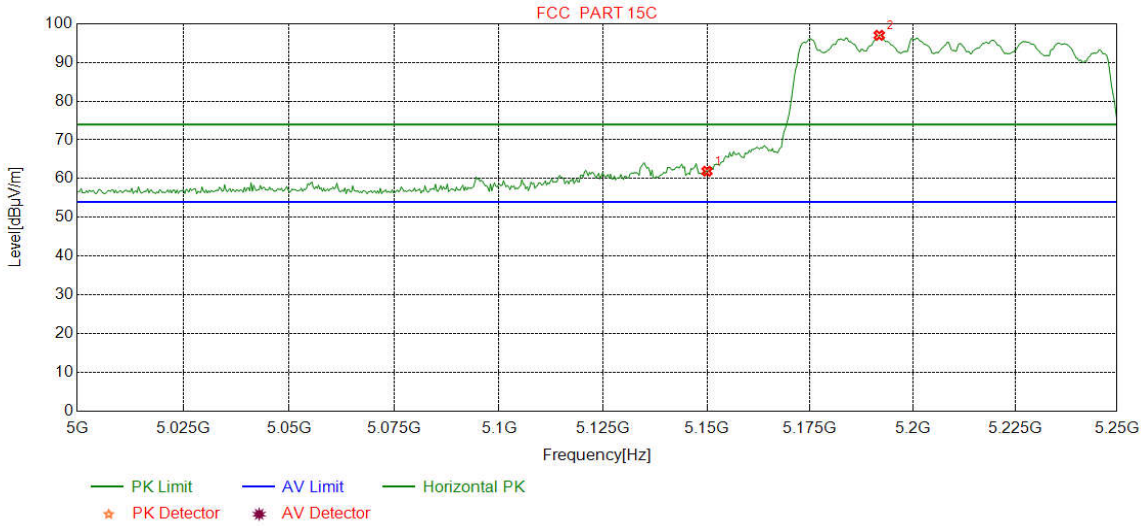
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	32.69	46.37	54.00	7.63	Pass	V	AV
2	5177.9349	34.68	15.35	-35.96	69.07	83.14	54.00	-29.14	Pass	V	AV

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210

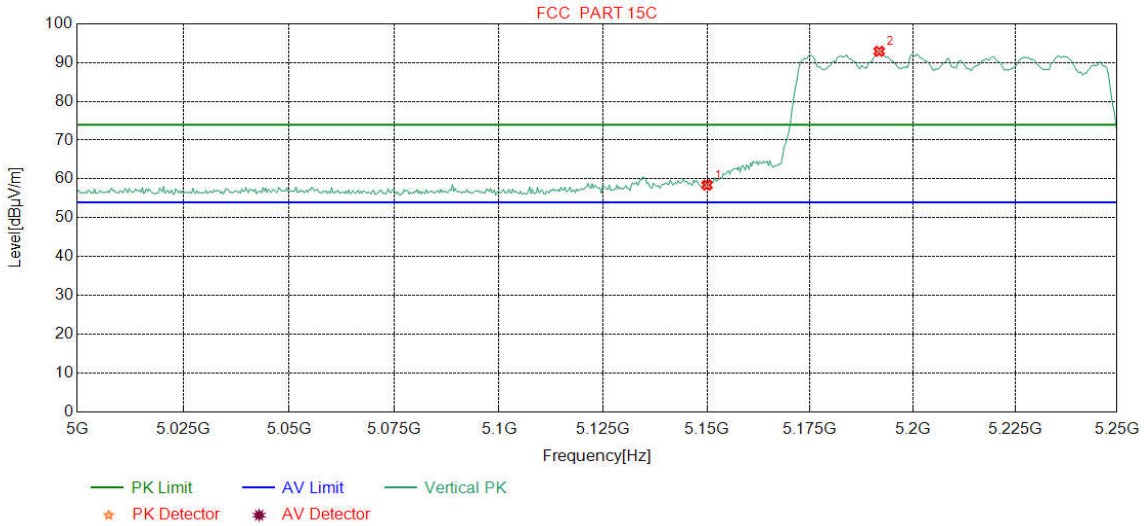
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	48.23	61.91	74.00	12.09	Pass	H	Peak
2	5191.8023	34.69	15.49	-35.92	82.76	97.02	74.00	-23.02	Pass	H	Peak

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210

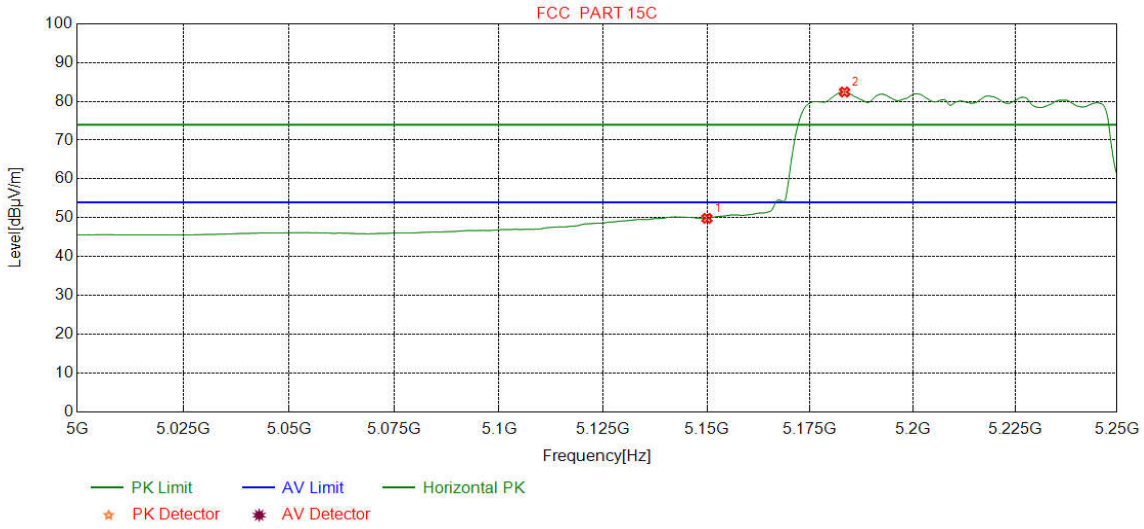
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	44.73	58.41	74.00	15.59	Pass	V	Peak
2	5191.8023	34.69	15.49	-35.92	78.65	92.91	74.00	-18.91	Pass	V	Peak

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210

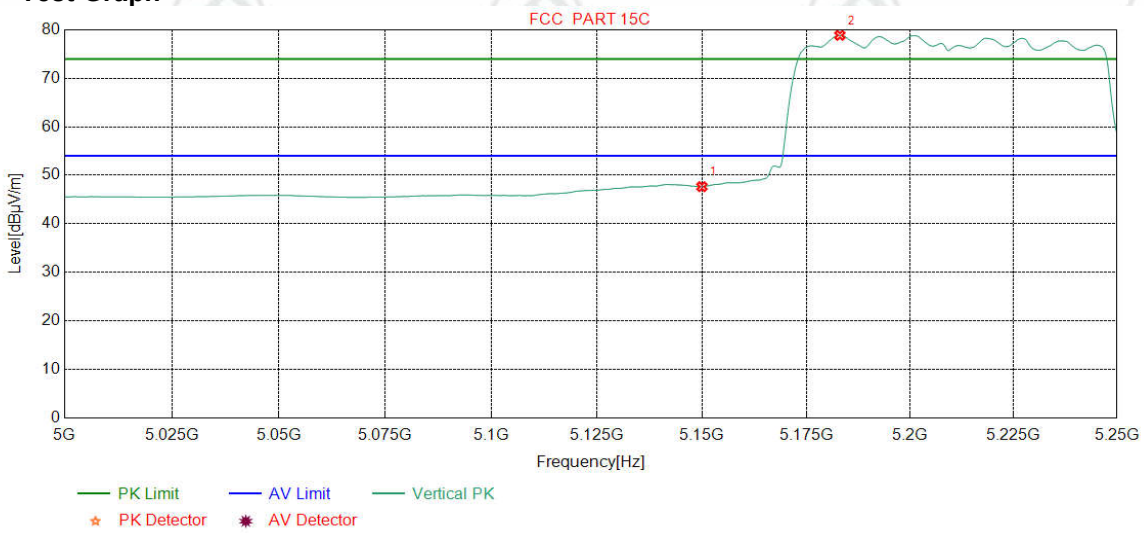
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	36.16	49.84	54.00	4.16	Pass	H	Peak
2	5183.3542	34.68	15.41	-35.95	68.29	82.43	54.00	-28.43	Pass	H	Peak

Mode:	802.11 ac(HT80) Transmitting	Channel:	5210

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity	Remark
1	5150.0000	34.65	15.08	-36.05	33.96	47.64	54.00	6.36	Pass	V	Peak
2	5183.0413	34.68	15.40	-35.94	64.72	78.86	54.00	-24.86	Pass	V	Peak

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

3) All modes and antenna are tested, and found the antenna 1 which is worst case for 802.11a/n(20M)(40M)/ac(20M)(40M)(80M),so only the worst case mode is recorded in the report.

Appendix J): Unwanted Emissions in the Restricted Bands (Radiated Emission)

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. 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 rota 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, quasi-peak or average method as specified and then reported in a data sheet.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre)
h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
j. Repeat above procedures until all frequencies measured was complete.

Limit:

Frequency	Field strength (microvolt/meter)	Limit (dBμV/cm)	Remark	Measurement distance (cm)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Test result: PASS

Test Data:
Radiated Emission below 1GHz
Band U-NII-1

Mode:		Transmitting								
Remark:		(QP)								
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	96.7494	10.48	1.14	-32.07	38.69	18.24	43.50	25.26	Pass	Horizontal
2	199.3959	10.84	1.67	-31.94	45.79	26.36	43.50	17.14	Pass	Horizontal
3	290.4001	13.01	2.03	-31.88	45.65	28.81	46.00	17.19	Pass	Horizontal
4	398.6737	15.37	2.38	-31.77	45.14	31.12	46.00	14.88	Pass	Horizontal
5	601.0562	19.01	2.96	-32.00	41.91	31.88	46.00	14.12	Pass	Horizontal
6	717.8676	20.00	3.21	-32.08	43.68	34.81	46.00	11.19	Pass	Horizontal

Mode:		Transmitting								
Remark:		(QP)								
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	52.5085	12.80	0.82	-32.10	41.03	22.55	40.00	17.45	Pass	Vertical
2	199.7840	10.88	1.67	-31.94	45.15	25.76	43.50	17.74	Pass	Vertical
3	290.2060	13.00	2.03	-31.87	40.27	23.43	46.00	22.57	Pass	Vertical
4	399.8380	15.40	2.38	-31.76	42.42	28.44	46.00	17.56	Pass	Vertical
5	598.3397	18.97	2.95	-31.98	38.88	28.82	46.00	17.18	Pass	Vertical
6	799.3639	20.89	3.39	-32.03	35.66	27.91	46.00	18.09	Pass	Vertical

Band U-NII-3

Mode:		Transmitting								
Remark:		(QP)								
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	199.9780	10.90	1.67	-31.94	47.33	27.96	43.50	15.54	Pass	Horizontal
2	239.9500	11.94	1.84	-31.90	47.21	29.09	46.00	16.91	Pass	Horizontal
3	290.0120	13.00	2.03	-31.88	45.30	28.45	46.00	17.55	Pass	Horizontal
4	481.9164	16.71	2.62	-31.90	45.74	33.17	46.00	12.83	Pass	Horizontal
5	599.5039	18.99	2.96	-31.99	42.76	32.72	46.00	13.28	Pass	Horizontal
6	719.2258	20.01	3.22	-32.08	41.65	32.80	46.00	13.20	Pass	Horizontal

Mode:		Transmitting								
Remark:		(QP)								
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity
1	52.5085	12.80	0.82	-32.10	41.52	23.04	40.00	16.96	Pass	Vertical
2	199.5899	10.86	1.67	-31.94	46.13	26.72	43.50	16.78	Pass	Vertical
3	290.0120	13.00	2.03	-31.88	43.68	26.83	46.00	19.17	Pass	Vertical
4	398.2857	15.36	2.37	-31.76	42.04	28.01	46.00	17.99	Pass	Vertical
5	599.6979	18.99	2.96	-31.99	43.23	33.19	46.00	12.81	Pass	Vertical
6	796.6473	20.86	3.38	-32.01	35.77	28.00	46.00	18.00	Pass	Vertical

Transmitter Emission 1GHz-18GHz

Band U-NII-1

Mode:		802.11a(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1949.9450	31.37	4.12	-36.85	47.83	46.47	74.00	27.53	Pass	H	Peak
2	2590.0000	32.54	4.79	-36.62	44.07	44.78	74.00	29.22	Pass	H	Peak
3	3173.8174	33.27	5.60	-36.83	46.98	49.02	74.00	24.98	Pass	H	Peak
4	8410.6607	36.56	6.70	-36.29	43.79	50.76	74.00	23.24	Pass	H	Peak
5	10360.0000	38.30	7.29	-36.75	43.88	52.72	74.00	21.28	Pass	H	Peak
6	10360.0000	38.30	7.28	-36.75	35.58	44.41	54.00	9.59	Pass	H	AV
7	15540.0000	40.98	10.10	-34.96	33.68	49.80	74.00	24.20	Pass	V	Peak
8	1986.7987	31.61	4.13	-36.76	49.34	48.32	74.00	25.68	Pass	V	Peak
9	2590.0000	32.54	4.79	-36.62	44.35	45.06	74.00	28.94	Pass	V	Peak
10	3913.6414	33.73	6.26	-36.06	44.00	47.93	74.00	26.07	Pass	V	Peak
11	7712.1808	36.52	6.37	-36.41	43.30	49.78	74.00	24.22	Pass	V	Peak
12	10360.0000	38.30	7.29	-36.75	49.22	58.06	74.00	15.94	Pass	V	Peak
13	10360.0000	38.30	7.28	-36.75	40.26	49.09	54.00	4.91	Pass	V	AV
14	15540.0000	40.98	10.10	-34.96	34.14	50.26	74.00	23.74	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1396.5897	28.30	3.33	-37.21	49.21	43.63	74.00	30.37	Pass	H	Peak
2	2600.0000	32.56	4.77	-36.64	45.16	45.85	74.00	28.15	Pass	H	Peak
3	3776.1276	33.62	6.01	-36.23	44.60	48.00	74.00	26.00	Pass	H	Peak
4	7502.1001	36.60	6.52	-36.14	42.96	49.94	74.00	24.06	Pass	H	Peak
5	10400.0000	38.36	7.54	-36.53	44.52	53.89	74.00	20.11	Pass	H	Peak
6	10400.0000	38.36	7.54	-36.53	34.43	43.66	54.00	10.34	Pass	H	AV
7	15600.0000	41.10	9.80	-34.68	30.91	47.13	74.00	26.87	Pass	H	Peak
8	1399.8900	28.30	3.33	-37.20	55.27	49.70	74.00	24.30	Pass	V	Peak
9	2600.0000	32.56	4.77	-36.64	44.38	45.07	74.00	28.93	Pass	V	Peak
10	4422.9923	34.39	6.71	-36.15	43.36	48.31	74.00	25.69	Pass	V	Peak
11	7535.0690	36.59	6.45	-36.49	43.09	49.64	74.00	24.36	Pass	V	Peak
12	10400.0000	38.36	7.54	-36.53	46.41	55.78	74.00	18.22	Pass	V	Peak
13	10400.0000	38.36	7.54	-36.53	38.19	47.42	54.00	6.58	Pass	V	AV
14	15600.0000	41.10	9.80	-34.68	31.70	47.92	74.00	26.08	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2620.0000	32.59	4.80	-36.65	44.23	44.97	74.00	29.03	Pass	H	Peak
2	3088.5589	33.24	5.52	-36.83	46.63	48.56	74.00	25.44	Pass	H	Peak
3	6574.3716	35.93	6.44	-36.19	43.18	49.36	74.00	24.64	Pass	H	Peak
4	8383.0589	36.55	6.66	-36.40	43.81	50.62	74.00	23.38	Pass	H	Peak
5	10480.0000	38.47	7.45	-36.81	45.10	54.21	74.00	19.79	Pass	H	Peak
6	10480.0000	38.47	7.45	-36.81	33.26	42.37	54.00	11.63	Pass	H	Peak
7	15720.0000	41.34	10.45	-35.52	31.68	47.95	74.00	26.05	Pass	V	Peak
8	1399.8900	28.30	3.33	-37.20	53.36	47.79	74.00	26.21	Pass	V	Peak
9	2620.0000	32.59	4.80	-36.65	43.50	44.24	74.00	29.76	Pass	V	Peak
10	3081.4081	33.23	5.51	-36.83	47.02	48.93	74.00	25.07	Pass	V	Peak
11	6973.8316	36.09	6.38	-36.22	43.27	49.52	74.00	24.48	Pass	V	Peak
12	10480.0000	38.47	7.45	-36.81	43.76	52.87	74.00	21.13	Pass	V	Peak
13	10480.0000	38.47	7.45	-36.81	35.24	44.35	54.00	9.65	Pass	V	AV
14	15720.0000	41.34	10.45	-35.52	33.85	50.12	74.00	23.88	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1397.6898	28.30	3.33	-37.21	48.51	42.93	74.00	31.07	Pass	H	Peak
2	2590.0000	32.54	4.79	-36.62	45.51	46.22	74.00	27.78	Pass	H	Peak
3	3189.2189	33.28	5.69	-36.75	46.36	48.58	74.00	25.42	Pass	H	Peak
4	8251.1834	36.50	6.42	-36.61	44.40	50.71	74.00	23.29	Pass	H	Peak
5	10360.0000	38.30	7.29	-36.75	39.79	48.63	74.00	25.37	Pass	H	Peak
6	15540.0000	40.98	10.10	-34.96	32.24	48.36	74.00	25.64	Pass	H	Peak
7	1396.5897	28.30	3.33	-37.21	52.46	46.88	74.00	27.12	Pass	V	Peak
8	2590.0000	32.54	4.79	-36.62	44.61	45.32	74.00	28.68	Pass	V	Peak
9	4255.7756	34.16	6.34	-36.29	44.10	48.31	74.00	25.69	Pass	V	Peak
10	7341.0894	36.44	6.39	-36.55	42.83	49.11	74.00	24.89	Pass	V	Peak
11	10360.0000	38.30	7.29	-36.75	44.44	53.28	74.00	20.72	Pass	V	Peak
12	10360.0000	38.30	7.28	-36.75	34.11	42.94	54.00	11.06	Pass	V	AV
13	15540.0000	40.98	10.10	-34.96	33.31	49.43	74.00	24.57	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1672.1672	29.54	3.86	-36.88	48.06	44.58	74.00	29.42	Pass	H	Peak
2	2600.0000	32.56	4.77	-36.64	44.82	45.51	74.00	28.49	Pass	H	Peak
3	4559.4059	34.50	6.86	-36.30	44.06	49.12	74.00	24.88	Pass	H	Peak
4	7504.4003	36.60	6.52	-36.17	42.76	49.71	74.00	24.29	Pass	H	Peak
5	10400.0000	38.36	7.54	-36.53	38.84	48.21	74.00	25.79	Pass	H	Peak
6	15600.0000	41.10	9.80	-34.68	31.33	47.55	74.00	26.45	Pass	H	Peak
7	2106.7107	31.85	4.53	-36.61	50.54	50.31	74.00	23.69	Pass	V	Peak
8	2600.0000	32.56	4.77	-36.64	45.67	46.36	74.00	27.64	Pass	V	Peak
9	4416.9417	34.38	6.73	-36.14	43.69	48.66	74.00	25.34	Pass	V	Peak
10	7877.7919	36.45	6.58	-36.33	43.21	49.91	74.00	24.09	Pass	V	Peak
11	10400.0000	38.36	7.54	-36.53	42.16	51.53	74.00	22.47	Pass	V	Peak
12	10400.0000	38.36	7.54	-36.53	32.51	41.74	54.00	12.26	Pass	V	AV
13	15600.0000	41.10	9.80	-34.68	31.19	47.41	74.00	26.59	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1714.5215	29.82	3.89	-36.86	47.75	44.60	74.00	29.40	Pass	H	Peak
2	2620.0000	32.59	4.80	-36.65	43.53	44.27	74.00	29.73	Pass	H	Peak
3	3991.1991	33.79	6.37	-36.22	43.65	47.59	74.00	26.41	Pass	H	Peak
4	8251.9501	36.50	6.42	-36.60	44.23	50.55	74.00	23.45	Pass	H	Peak
5	10480.0000	38.47	7.45	-36.81	39.69	48.80	74.00	25.20	Pass	H	Peak
6	15720.0000	41.34	10.45	-35.52	31.23	47.50	74.00	26.50	Pass	H	Peak
7	2042.9043	31.76	4.26	-36.79	48.28	47.51	74.00	26.49	Pass	V	Peak
8	2620.0000	32.59	4.80	-36.65	44.17	44.91	74.00	29.09	Pass	V	Peak
9	7262.1175	36.36	6.26	-36.38	43.59	49.83	74.00	24.17	Pass	V	Peak
10	8961.1641	37.61	6.85	-36.56	42.10	50.00	74.00	24.00	Pass	V	Peak
11	10480.0000	38.47	7.45	-36.81	40.72	49.83	74.00	24.17	Pass	V	Peak
12	15720.0000	41.34	10.45	-35.52	30.17	46.44	74.00	27.56	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2595.0000	32.55	4.78	-36.63	44.27	44.97	74.00	29.03	Pass	H	Peak
2	3162.2662	33.26	5.54	-36.89	46.83	48.74	74.00	25.26	Pass	H	Peak
3	7523.5682	36.59	6.47	-36.36	43.12	49.82	74.00	24.18	Pass	H	Peak
4	10380.0000	38.33	7.41	-36.63	40.99	50.10	74.00	23.90	Pass	H	Peak
5	11206.1137	38.72	7.59	-35.61	39.07	49.77	74.00	24.23	Pass	H	Peak
6	15570.0000	41.04	10.06	-34.81	33.18	49.47	74.00	24.53	Pass	H	Peak
7	2201.8702	31.98	4.39	-36.57	49.82	49.62	74.00	24.38	Pass	V	Peak
8	2595.0000	32.55	4.78	-36.63	44.98	45.68	74.00	28.32	Pass	V	Peak
9	4544.0044	34.50	6.86	-36.28	43.96	49.04	74.00	24.96	Pass	V	Peak
10	7538.1359	36.58	6.44	-36.51	43.00	49.51	74.00	24.49	Pass	V	Peak
11	10380.0000	38.33	7.41	-36.63	41.39	50.50	74.00	23.50	Pass	V	Peak
12	15570.0000	41.04	10.06	-34.81	30.73	47.02	74.00	26.98	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1194.7195	28.09	3.04	-37.65	50.02	43.50	74.00	30.50	Pass	H	Peak
2	2615.0000	32.58	4.79	-36.64	45.77	46.50	74.00	27.50	Pass	H	Peak
3	3352.0352	33.34	5.59	-36.71	46.11	48.33	74.00	25.67	Pass	H	Peak
4	7886.2257	36.45	6.61	-36.29	42.97	49.74	74.00	24.26	Pass	H	Peak
5	10460.0000	38.44	7.49	-36.77	38.52	47.68	74.00	26.32	Pass	H	Peak
6	15690.0000	41.28	10.53	-35.79	32.28	48.30	74.00	25.70	Pass	H	Peak
7	1997.2497	31.68	4.13	-36.74	49.94	49.01	74.00	24.99	Pass	V	Peak
8	2615.0000	32.58	4.79	-36.64	44.15	44.88	74.00	29.12	Pass	V	Peak
9	4703.5204	34.50	7.36	-36.26	43.12	48.72	74.00	25.28	Pass	V	Peak
10	8137.7092	36.46	6.45	-36.46	44.21	50.66	74.00	23.34	Pass	V	Peak
11	10460.0000	38.44	7.49	-36.77	41.35	50.51	74.00	23.49	Pass	V	Peak
12	15690.0000	41.28	10.53	-35.79	31.39	47.41	74.00	26.59	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2047.3047	31.77	4.27	-36.80	48.14	47.38	74.00	26.62	Pass	H	Peak
2	2590.0000	32.54	4.79	-36.62	46.19	46.90	74.00	27.10	Pass	H	Peak
3	4704.0704	34.50	7.36	-36.26	43.07	48.67	74.00	25.33	Pass	H	Peak
4	7692.2462	36.52	6.34	-36.39	43.39	49.86	74.00	24.14	Pass	H	Peak
5	10360.0000	38.30	7.29	-36.75	44.41	53.25	74.00	20.75	Pass	H	Peak
6	10360.0000	38.30	7.28	-36.75	34.13	42.96	54.00	11.04	Pass	H	AV
7	15540.0000	40.98	10.10	-34.96	31.42	47.54	74.00	26.46	Pass	H	Peak
8	1397.6898	28.30	3.33	-37.21	51.86	46.28	74.00	27.72	Pass	V	Peak
9	2590.0000	32.54	4.79	-36.62	45.22	45.93	74.00	28.07	Pass	V	Peak
10	3196.9197	33.28	5.73	-36.71	48.10	50.40	74.00	23.60	Pass	V	Peak
11	7724.4483	36.51	6.39	-36.45	43.25	49.70	74.00	24.30	Pass	V	Peak
12	10360.0000	38.30	7.29	-36.75	48.35	57.19	74.00	16.81	Pass	V	Peak
13	10360.0000	38.30	7.28	-36.75	38.80	47.63	54.00	6.37	Pass	V	AV
14	15540.0000	40.98	10.10	-34.96	32.38	48.50	74.00	25.50	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1678.7679	29.58	3.86	-36.87	47.49	44.06	74.00	29.94	Pass	H	Peak
2	2600.0000	32.56	4.77	-36.64	44.66	45.35	74.00	28.65	Pass	H	Peak
3	3508.2508	33.41	5.74	-36.56	46.78	49.37	74.00	24.63	Pass	H	Peak
4	7177.0118	36.28	6.27	-36.39	43.71	49.87	74.00	24.13	Pass	H	Peak
5	10400.0000	38.36	7.54	-36.53	44.58	53.95	74.00	20.05	Pass	H	Peak
6	10400.0000	38.36	7.54	-36.53	35.08	44.31	54.00	9.69	Pass	H	AV
7	15600.0000	41.10	9.80	-34.68	33.17	49.39	74.00	24.61	Pass	H	Peak
8	2187.0187	31.96	4.38	-36.50	50.02	49.86	74.00	24.14	Pass	V	Peak
9	2600.0000	32.56	4.77	-36.64	43.80	44.49	74.00	29.51	Pass	V	Peak
10	4382.2882	34.34	6.71	-36.23	44.13	48.95	74.00	25.05	Pass	V	Peak
11	6937.0291	36.07	6.45	-36.27	43.41	49.66	74.00	24.34	Pass	V	Peak
12	10400.0000	38.36	7.54	-36.53	47.58	56.95	74.00	17.05	Pass	V	Peak
13	10400.0000	38.36	7.54	-36.53	38.07	47.30	54.00	6.70	Pass	V	AV
14	15600.0000	41.10	9.80	-34.68	33.12	49.34	74.00	24.66	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1981.2981	31.58	4.13	-36.78	47.15	46.08	74.00	27.92	Pass	H	Peak
2	2620.0000	32.59	4.80	-36.65	44.36	45.10	74.00	28.90	Pass	H	Peak
3	7048.9699	36.15	6.15	-36.16	44.55	50.69	74.00	23.31	Pass	H	Peak
4	10480.0000	38.47	7.45	-36.81	42.82	51.93	74.00	22.07	Pass	H	Peak
5	10480.0000	38.47	7.45	-36.81	34.10	43.21	54.00	10.79	Pass	H	AV
6	13080.7387	39.57	7.92	-35.36	38.30	50.43	74.00	23.57	Pass	H	Peak
7	15720.0000	41.34	10.45	-35.52	30.18	46.45	74.00	27.55	Pass	H	Peak
8	2139.7140	31.90	4.39	-36.38	49.11	49.02	74.00	24.98	Pass	V	Peak
9	2620.0000	32.59	4.80	-36.65	44.28	45.02	74.00	28.98	Pass	V	Peak
10	4479.0979	34.47	6.67	-36.23	43.54	48.45	74.00	25.55	Pass	V	Peak
11	8958.0972	37.61	6.85	-36.57	42.30	50.19	74.00	23.81	Pass	V	Peak
12	10480.0000	38.47	7.45	-36.81	44.86	53.97	74.00	20.03	Pass	V	Peak
13	10480.0000	38.47	7.45	-36.81	33.90	43.01	54.00	10.99	Pass	V	AV
14	15720.0000	41.34	10.45	-35.52	31.29	47.56	74.00	26.44	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2217.2717	32.00	4.42	-36.66	46.64	46.40	74.00	27.60	Pass	H	Peak
2	2595.0000	32.55	4.78	-36.63	44.07	44.77	74.00	29.23	Pass	H	Peak
3	7285.1190	36.39	6.29	-36.29	43.20	49.59	74.00	24.41	Pass	H	Peak
4	9053.9369	37.69	6.74	-36.50	41.97	49.90	74.00	24.10	Pass	H	Peak
5	10380.0000	38.33	7.41	-36.63	38.83	47.94	74.00	26.06	Pass	H	Peak
6	15570.0000	41.04	10.06	-34.81	32.55	48.84	74.00	25.16	Pass	H	Peak
7	1399.3399	28.30	3.33	-37.20	55.12	49.55	74.00	24.45	Pass	V	Peak
8	2595.0000	32.55	4.78	-36.63	44.66	45.36	74.00	28.64	Pass	V	Peak
9	5486.7987	34.99	7.97	-36.16	43.17	49.97	74.00	24.03	Pass	V	Peak
10	7768.1512	36.49	6.38	-36.58	44.01	50.30	74.00	23.70	Pass	V	Peak
11	10380.0000	38.33	7.41	-36.63	40.51	49.62	74.00	24.38	Pass	V	Peak
12	15570.0000	41.04	10.06	-34.81	31.33	47.62	74.00	26.38	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1794.2794	30.34	3.85	-36.80	50.80	48.19	74.00	25.81	Pass	H	Peak
2	2615.0000	32.58	4.79	-36.64	45.05	45.78	74.00	28.22	Pass	H	Peak
3	3990.0990	33.79	6.36	-36.21	44.72	48.66	74.00	25.34	Pass	H	Peak
4	7915.3610	36.43	6.63	-36.28	43.23	50.01	74.00	23.99	Pass	H	Peak
5	10460.0000	38.44	7.49	-36.77	39.15	48.31	74.00	25.69	Pass	H	Peak
6	15690.0000	41.28	10.53	-35.79	32.52	48.54	74.00	25.46	Pass	H	Peak
7	1599.0099	29.05	3.60	-36.99	51.46	47.12	74.00	26.88	Pass	V	Peak
8	2615.0000	32.58	4.79	-36.64	44.53	45.26	74.00	28.74	Pass	V	Peak
9	3187.5688	33.28	5.68	-36.76	47.90	50.10	74.00	23.90	Pass	V	Peak
10	7480.6320	36.58	6.51	-36.21	42.62	49.50	74.00	24.50	Pass	V	Peak
11	10460.0000	38.44	7.49	-36.77	41.20	50.36	74.00	23.64	Pass	V	Peak
12	15690.0000	41.28	10.53	-35.79	31.14	47.16	74.00	26.84	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5210		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1995.0495	31.67	4.13	-36.75	49.83	48.88	74.00	25.12	Pass	H	Peak
2	2605.0000	32.57	4.78	-36.65	45.40	46.10	74.00	27.90	Pass	H	Peak
3	4255.2255	34.16	6.34	-36.29	43.77	47.98	74.00	26.02	Pass	H	Peak
4	7670.7781	36.53	6.30	-36.50	43.56	49.89	74.00	24.11	Pass	H	Peak
5	10420.0000	38.39	7.53	-36.62	41.18	50.48	74.00	23.52	Pass	H	Peak
6	15630.0000	41.16	10.41	-35.22	31.82	48.17	74.00	25.83	Pass	H	Peak
7	2605.0000	32.57	4.78	-36.65	45.60	46.30	74.00	27.70	Pass	V	Peak
8	3165.5666	33.27	5.56	-36.88	46.85	48.80	74.00	25.20	Pass	V	Peak
9	7144.8097	36.24	6.30	-36.34	43.80	50.00	74.00	24.00	Pass	V	Peak
10	10420.0000	38.39	7.53	-36.62	42.60	51.90	74.00	22.10	Pass	V	Peak
11	10420.0000	38.39	7.53	-36.62	33.00	42.30	54.00	11.70	Pass	V	AV
12	12573.9383	39.60	7.89	-35.96	38.37	49.90	74.00	24.10	Pass	V	Peak
13	15630.0000	41.16	10.41	-35.22	31.58	47.93	74.00	26.07	Pass	V	Peak

Transmitter Emission 18GHz-40GHz

Mode:		802.11a(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20720.0000	38.72	0.00	-63.22	67.80	43.30	74.00	30.70	Pass	H	Peak
2	23459.5730	39.45	0.00	-61.79	68.12	45.78	74.00	28.22	Pass	H	Peak
3	25900.0000	40.43	0.00	-59.10	62.83	44.16	74.00	29.84	Pass	H	Peak
4	31080.0000	41.34	0.00	-58.91	57.14	39.57	74.00	34.43	Pass	H	Peak
5	33693.3847	42.18	0.00	-57.85	58.83	43.16	74.00	30.84	Pass	H	Peak
6	36260.0000	43.14	0.00	-57.95	52.75	37.94	74.00	36.06	Pass	H	Peak
7	20720.0000	38.72	0.00	-63.22	67.58	43.08	74.00	30.92	Pass	V	Peak
8	24113.0057	40.23	0.00	-60.94	67.09	46.38	74.00	27.62	Pass	V	Peak
9	25900.0000	40.43	0.00	-59.10	62.73	44.06	74.00	29.94	Pass	V	Peak
10	31080.0000	41.34	0.00	-58.91	58.66	41.09	74.00	32.91	Pass	V	Peak
11	33638.3819	42.17	0.00	-57.68	59.51	44.00	74.00	30.00	Pass	V	Peak
12	36260.0000	43.14	0.00	-57.95	52.82	38.01	74.00	35.99	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20800.0000	38.69	0.00	-63.05	67.85	43.49	74.00	30.51	Pass	H	Peak
2	24021.7011	40.18	0.00	-60.66	67.38	46.90	74.00	27.10	Pass	H	Peak
3	26000.0000	40.40	0.00	-58.82	61.30	42.88	74.00	31.12	Pass	H	Peak
4	29767.2884	40.72	0.00	-60.26	61.82	42.28	74.00	31.72	Pass	H	Peak
5	31200.0000	41.43	0.00	-59.31	57.49	39.61	74.00	34.39	Pass	H	Peak
6	36400.0000	43.12	0.00	-57.71	54.70	40.11	74.00	33.89	Pass	H	Peak
7	20800.0000	38.69	0.00	-63.05	67.87	43.51	74.00	30.49	Pass	H	Peak
8	22568.5284	38.61	0.00	-62.96	69.31	44.96	74.00	29.04	Pass	V	Peak
9	26000.0000	40.40	0.00	-58.82	63.04	44.62	74.00	29.38	Pass	V	Peak
10	29776.0888	40.73	0.00	-60.28	61.76	42.21	74.00	31.79	Pass	V	Peak
11	31200.0000	41.43	0.00	-59.31	57.08	39.20	74.00	34.80	Pass	V	Peak
12	36400.0000	43.12	0.00	-57.71	55.54	40.95	74.00	33.05	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20960.0000	38.63	0.00	-63.07	67.88	43.44	74.00	30.56	Pass	H	Peak
2	23087.7544	38.96	0.00	-62.50	68.95	45.41	74.00	28.59	Pass	H	Peak
3	26200.0000	40.40	0.00	-59.99	62.85	43.26	74.00	30.74	Pass	H	Peak
4	31440.0000	41.61	0.00	-58.96	57.47	40.12	74.00	33.88	Pass	H	Peak
5	33749.4875	42.19	0.00	-58.03	60.59	44.75	74.00	29.25	Pass	H	Peak
6	36680.0000	43.10	0.00	-57.75	52.56	37.91	74.00	36.09	Pass	H	Peak
7	20960.0000	38.63	0.00	-63.07	67.43	42.99	74.00	31.01	Pass	V	Peak
8	23998.5999	40.17	0.00	-60.60	67.46	47.03	74.00	26.97	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	62.08	42.49	74.00	31.51	Pass	V	Peak
10	31440.0000	41.61	0.00	-58.96	60.12	42.77	74.00	31.23	Pass	V	Peak
11	33727.4864	42.18	0.00	-57.95	60.82	45.05	74.00	28.95	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	52.95	38.30	74.00	35.70	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20720.0000	38.72	0.00	-63.22	66.85	42.35	74.00	31.65	Pass	H	Peak
2	22690.6345	38.68	0.00	-63.04	69.69	45.33	74.00	28.67	Pass	H	Peak
3	25900.0000	40.43	0.00	-59.10	63.53	44.86	74.00	29.14	Pass	H	Peak
4	31080.0000	41.34	0.00	-58.91	59.02	41.45	74.00	32.55	Pass	H	Peak
5	33652.6826	42.17	0.00	-57.72	60.55	45.00	74.00	29.00	Pass	H	Peak
6	36260.0000	43.14	0.00	-57.95	53.76	38.95	74.00	35.05	Pass	H	Peak
7	20720.0000	38.72	0.00	-63.22	67.38	42.88	74.00	31.12	Pass	V	Peak
8	24016.2008	40.18	0.00	-60.65	66.95	46.48	74.00	27.52	Pass	V	Peak
9	25900.0000	40.43	0.00	-59.10	63.16	44.49	74.00	29.51	Pass	V	Peak
10	31080.0000	41.34	0.00	-58.91	58.60	41.03	74.00	32.97	Pass	V	Peak
11	33740.6870	42.19	0.00	-58.00	60.09	44.28	74.00	29.72	Pass	V	Peak
12	36260.0000	43.14	0.00	-57.95	54.46	39.65	74.00	34.35	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20800.0000	38.69	0.00	-63.05	67.50	43.14	74.00	30.86	Pass	H	Peak
2	24392.4196	40.38	0.00	-60.24	66.44	46.58	74.00	27.42	Pass	H	Peak
3	26000.0000	40.40	0.00	-58.82	62.73	44.31	74.00	29.69	Pass	H	Peak
4	28050.1025	39.64	0.00	-60.08	64.67	44.23	74.00	29.77	Pass	H	Peak
5	31200.0000	41.43	0.00	-59.31	58.62	40.74	74.00	33.26	Pass	H	Peak
6	36400.0000	43.12	0.00	-57.71	55.47	40.88	74.00	33.12	Pass	H	Peak
7	20800.0000	38.69	0.00	-63.05	68.25	43.89	74.00	30.11	Pass	V	Peak
8	22605.9303	38.63	0.00	-62.96	69.72	45.39	74.00	28.61	Pass	V	Peak
9	26000.0000	40.40	0.00	-58.82	61.15	42.73	74.00	31.27	Pass	V	Peak
10	28893.8447	40.23	0.00	-60.52	63.16	42.87	74.00	31.13	Pass	V	Peak
11	31200.0000	41.43	0.00	-59.31	58.62	40.74	74.00	33.26	Pass	V	Peak
12	36400.0000	43.12	0.00	-57.71	55.78	41.19	74.00	32.81	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20960.0000	38.63	0.00	-63.07	67.99	43.55	74.00	30.45	Pass	H	Peak
2	26200.0000	40.40	0.00	-59.99	63.86	44.27	74.00	29.73	Pass	H	Peak
3	29226.0613	40.42	0.00	-60.66	62.97	42.73	74.00	31.27	Pass	H	Peak
4	31440.0000	41.61	0.00	-58.96	57.14	39.79	74.00	34.21	Pass	H	Peak
5	34487.6244	42.62	0.00	-58.10	58.33	42.85	74.00	31.15	Pass	H	Peak
6	36680.0000	43.10	0.00	-57.75	52.24	37.59	74.00	36.41	Pass	H	Peak
7	20960.0000	38.63	0.00	-63.07	67.41	42.97	74.00	31.03	Pass	V	Peak
8	22664.2332	38.66	0.00	-63.01	69.72	45.37	74.00	28.63	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	62.06	42.47	74.00	31.53	Pass	V	Peak
10	28825.6413	40.18	0.00	-60.56	64.29	43.91	74.00	30.09	Pass	V	Peak
11	31440.0000	41.61	0.00	-58.96	57.10	39.75	74.00	34.25	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	52.55	37.90	74.00	36.10	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	20760.0000	38.70	0.00	-63.13	67.90	43.47	74.00	30.53	Pass	H	Peak
2	21780.8890	38.38	0.00	-63.11	70.78	46.05	74.00	27.95	Pass	H	Peak
3	25950.0000	40.42	0.00	-58.96	64.36	45.82	74.00	28.18	Pass	H	Peak
4	28824.5412	40.18	0.00	-60.57	63.75	43.36	74.00	30.64	Pass	H	Peak
5	31140.0000	41.38	0.00	-59.11	58.02	40.29	74.00	33.71	Pass	H	Peak
6	36330.0000	43.13	0.00	-57.83	54.51	39.81	74.00	34.19	Pass	H	Peak
7	20760.0000	38.70	0.00	-63.13	67.90	43.47	74.00	30.53	Pass	V	Peak
8	21780.8890	38.38	0.00	-63.11	70.78	46.05	74.00	27.95	Pass	V	Peak
9	25950.0000	40.42	0.00	-58.96	64.36	45.82	74.00	28.18	Pass	V	Peak
10	28824.5412	40.18	0.00	-60.57	63.75	43.36	74.00	30.64	Pass	V	Peak
11	31140.0000	41.38	0.00	-59.11	58.02	40.29	74.00	33.71	Pass	V	Peak
12	36330.0000	43.13	0.00	-57.83	54.51	39.81	74.00	34.19	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	20920.0000	38.65	0.00	-63.07	68.06	43.64	74.00	30.36	Pass	H	Peak
2	22233.0117	38.43	0.00	-63.09	70.76	46.10	74.00	27.90	Pass	H	Peak
3	26150.0000	40.40	0.00	-59.70	63.06	43.76	74.00	30.24	Pass	H	Peak
4	31380.0000	41.56	0.00	-59.01	59.51	42.06	74.00	31.94	Pass	H	Peak
5	34669.1335	42.77	0.00	-57.93	60.21	45.05	74.00	28.95	Pass	H	Peak
6	36610.0000	43.11	0.00	-57.32	54.25	40.04	74.00	33.96	Pass	H	Peak
7	20920.0000	38.65	0.00	-63.07	68.83	44.41	74.00	29.59	Pass	V	Peak
8	24114.1057	40.23	0.00	-60.94	67.05	46.34	74.00	27.66	Pass	V	Peak
9	26150.0000	40.40	0.00	-59.70	62.60	43.30	74.00	30.70	Pass	V	Peak
10	31380.0000	41.56	0.00	-59.01	56.63	39.18	74.00	34.82	Pass	V	Peak
11	33699.9850	42.18	0.00	-57.87	60.03	44.34	74.00	29.66	Pass	V	Peak
12	36610.0000	43.11	0.00	-57.32	52.90	38.69	74.00	35.31	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20720.0000	38.72	0.00	-63.22	68.05	43.55	74.00	30.45	Pass	H	Peak
2	22492.6246	38.57	0.00	-62.95	70.35	45.97	74.00	28.03	Pass	H	Peak
3	25900.0000	40.43	0.00	-59.10	64.08	45.41	74.00	28.59	Pass	H	Peak
4	31080.0000	41.34	0.00	-58.91	58.28	40.71	74.00	33.29	Pass	H	Peak
5	33725.2863	42.18	0.00	-57.94	60.32	44.56	74.00	29.44	Pass	H	Peak
6	36260.0000	43.14	0.00	-57.95	53.09	38.28	74.00	35.72	Pass	H	Peak
7	20720.0000	38.72	0.00	-63.22	69.25	44.75	74.00	29.25	Pass	H	Peak
8	22491.5246	38.57	0.00	-62.95	70.34	45.96	74.00	28.04	Pass	V	Peak
9	25900.0000	40.43	0.00	-59.10	63.39	44.72	74.00	29.28	Pass	V	Peak
10	31080.0000	41.34	0.00	-58.91	58.45	40.88	74.00	33.12	Pass	V	Peak
11	35420.4710	43.09	0.00	-57.93	57.88	43.04	74.00	30.96	Pass	V	Peak
12	36260.0000	43.14	0.00	-57.95	53.44	38.63	74.00	35.37	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19002.1501	38.96	0.00	-63.46	71.25	46.75	74.00	27.25	Pass	H	Peak
2	20800.0000	38.69	0.00	-63.05	67.55	43.19	74.00	30.81	Pass	H	Peak
3	23656.4828	39.71	0.00	-61.31	68.40	46.80	74.00	27.20	Pass	H	Peak
4	26000.0000	40.40	0.00	-58.82	61.26	42.84	74.00	31.16	Pass	H	Peak
5	31200.0000	41.43	0.00	-59.31	57.69	39.81	74.00	34.19	Pass	H	Peak
6	36400.0000	43.12	0.00	-57.71	54.43	39.84	74.00	34.16	Pass	H	Peak
7	20800.0000	38.69	0.00	-63.05	67.27	42.91	74.00	31.09	Pass	V	Peak
8	21821.5911	38.37	0.00	-63.15	71.74	46.96	74.00	27.04	Pass	V	Peak
9	26000.0000	40.40	0.00	-58.82	60.95	42.53	74.00	31.47	Pass	V	Peak
10	27956.5978	39.64	0.00	-60.00	64.65	44.29	74.00	29.71	Pass	V	Peak
11	31200.0000	41.43	0.00	-59.31	56.75	38.87	74.00	35.13	Pass	V	Peak
12	36400.0000	43.12	0.00	-57.71	54.70	40.11	74.00	33.89	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20960.0000	38.63	0.00	-63.07	69.14	44.70	74.00	29.30	Pass	H	Peak
2	23336.3668	39.29	0.00	-62.12	68.34	45.51	74.00	28.49	Pass	H	Peak
3	26200.0000	40.40	0.00	-59.99	63.07	43.48	74.00	30.52	Pass	H	Peak
4	31440.0000	41.61	0.00	-58.96	56.93	39.58	74.00	34.42	Pass	H	Peak
5	33713.1857	42.18	0.00	-57.91	60.40	44.67	74.00	29.33	Pass	H	Peak
6	36680.0000	43.10	0.00	-57.75	51.96	37.31	74.00	36.69	Pass	H	Peak
7	20960.0000	38.63	0.00	-63.07	69.13	44.69	74.00	29.31	Pass	V	Peak
8	22582.8291	38.62	0.00	-62.96	70.58	46.24	74.00	27.76	Pass	V	Peak
9	26200.0000	40.40	0.00	-59.99	62.32	42.73	74.00	31.27	Pass	V	Peak
10	31440.0000	41.61	0.00	-58.96	57.11	39.76	74.00	34.24	Pass	V	Peak
11	33693.3847	42.18	0.00	-57.85	59.78	44.11	74.00	29.89	Pass	V	Peak
12	36680.0000	43.10	0.00	-57.75	52.40	37.75	74.00	36.25	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20760.0000	38.70	0.00	-63.13	68.20	43.77	74.00	30.23	Pass	H	Peak
2	22957.9479	38.82	0.00	-62.60	69.65	45.87	74.00	28.13	Pass	H	Peak
3	25950.0000	40.42	0.00	-58.96	61.95	43.41	74.00	30.59	Pass	H	Peak
4	31140.0000	41.38	0.00	-59.11	57.18	39.45	74.00	34.55	Pass	H	Peak
5	33703.2852	42.18	0.00	-57.88	60.25	44.55	74.00	29.45	Pass	H	Peak
6	36330.0000	43.13	0.00	-57.83	53.73	39.03	74.00	34.97	Pass	H	Peak
7	20760.0000	38.70	0.00	-63.13	68.58	44.15	74.00	29.85	Pass	V	Peak
8	21773.1887	38.38	0.00	-63.11	70.49	45.76	74.00	28.24	Pass	V	Peak
9	25950.0000	40.42	0.00	-58.96	62.67	44.13	74.00	29.87	Pass	V	Peak
10	31140.0000	41.38	0.00	-59.11	57.39	39.66	74.00	34.34	Pass	V	Peak
11	33684.5842	42.18	0.00	-57.82	59.95	44.31	74.00	29.69	Pass	V	Peak
12	36330.0000	43.13	0.00	-57.83	53.80	39.10	74.00	34.90	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20920.0000	38.65	0.00	-63.07	68.75	44.33	74.00	29.67	Pass	H	Peak
2	22596.0298	38.63	0.00	-62.96	69.54	45.21	74.00	28.79	Pass	H	Peak
3	26150.0000	40.40	0.00	-59.70	61.38	42.08	74.00	31.92	Pass	H	Peak
4	31380.0000	41.56	0.00	-59.01	57.43	39.98	74.00	34.02	Pass	H	Peak
5	33697.7849	42.18	0.00	-57.86	59.51	43.83	74.00	30.17	Pass	H	Peak
6	36610.0000	43.11	0.00	-57.32	53.46	39.25	74.00	34.75	Pass	H	Peak
7	20920.0000	38.65	0.00	-63.07	68.05	43.63	74.00	30.37	Pass	V	Peak
8	23962.2981	40.12	0.00	-60.65	66.97	46.44	74.00	27.56	Pass	V	Peak
9	26150.0000	40.40	0.00	-59.70	61.55	42.25	74.00	31.75	Pass	V	Peak
10	31380.0000	41.56	0.00	-59.01	57.53	40.08	74.00	33.92	Pass	V	Peak
11	33655.9828	42.18	0.00	-57.74	59.74	44.18	74.00	29.82	Pass	V	Peak
12	36610.0000	43.11	0.00	-57.32	53.43	39.22	74.00	34.78	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5210		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20840.0000	38.68	0.00	-63.06	68.04	43.66	74.00	30.34	Pass	H	Peak
2	22857.8429	38.76	0.00	-62.93	70.19	46.02	74.00	27.98	Pass	H	Peak
3	26050.0000	40.40	0.00	-59.11	61.24	42.53	74.00	31.47	Pass	H	Peak
4	31260.0000	41.47	0.00	-59.21	57.05	39.31	74.00	34.69	Pass	H	Peak
5	33698.8849	42.18	0.00	-57.87	59.70	44.01	74.00	29.99	Pass	H	Peak
6	36470.0000	43.12	0.00	-57.56	55.32	40.88	74.00	33.12	Pass	H	Peak
7	20840.0000	38.68	0.00	-63.06	67.19	42.81	74.00	31.19	Pass	V	Peak
8	24071.2036	40.21	0.00	-60.82	67.52	46.91	74.00	27.09	Pass	V	Peak
9	26050.0000	40.40	0.00	-59.11	61.24	42.53	74.00	31.47	Pass	V	Peak
10	31260.0000	41.47	0.00	-59.21	56.74	39.00	74.00	35.00	Pass	V	Peak
11	33698.8849	42.18	0.00	-57.87	60.15	44.46	74.00	29.54	Pass	V	Peak
12	36470.0000	43.12	0.00	-57.56	54.98	40.54	74.00	33.46	Pass	V	Peak

Band U-NII-3

Transmitter Emission 1GHz-18GHz

Mode:		802.11a(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1399.8900	28.30	2.95	-37.20	49.18	43.23	74.00	30.77	Pass	H	Peak
2	2872.5000	33.00	4.48	-36.78	44.75	45.45	74.00	28.55	Pass	H	Peak
3	4564.9065	34.50	5.80	-36.31	43.64	47.63	74.00	26.37	Pass	H	Peak
4	7853.2569	36.46	6.50	-36.49	43.66	50.13	74.00	23.87	Pass	H	Peak
5	11490.0000	38.89	7.94	-35.44	42.17	53.56	74.00	20.44	Pass	H	Peak
6	11490.0000	38.89	7.94	-35.44	34.37	45.76	54.00	8.24	Pass	H	AV
7	17235.0000	42.44	11.22	-32.70	33.08	54.04	74.00	19.96	Pass	H	Peak
8	17235.0000	42.44	11.23	-32.70	26.46	47.43	54.00	6.57	Pass	H	AV
9	1195.8196	28.10	2.86	-37.66	51.43	44.73	74.00	29.27	Pass	V	Peak
10	2872.5000	33.00	4.48	-36.78	44.43	45.13	74.00	28.87	Pass	V	Peak
11	5738.7239	35.38	6.99	-36.13	44.04	50.28	74.00	23.72	Pass	V	Peak
12	7898.4932	36.44	6.65	-36.20	43.40	50.29	74.00	23.71	Pass	V	Peak
13	11490.0000	38.89	7.94	-35.44	47.10	58.49	74.00	15.51	Pass	V	Peak
14	11490.0000	38.89	7.94	-35.44	36.50	47.89	54.00	6.11	Pass	V	AV
15	17235.0000	42.44	11.22	-32.70	32.39	53.35	74.00	20.65	Pass	V	Peak
16	17235.0000	42.44	11.23	-32.70	26.11	47.08	54.00	6.92	Pass	V	AV

Mode:		802.11a(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1735.9736	29.96	3.29	-36.81	47.31	43.75	74.00	30.25	Pass	H	Peak
2	2892.5000	33.03	4.47	-36.66	44.10	44.94	74.00	29.06	Pass	H	Peak
3	4527.5028	34.50	5.84	-36.26	43.69	47.77	74.00	26.23	Pass	H	Peak
4	7682.2788	36.53	6.32	-36.45	43.67	50.07	74.00	23.93	Pass	H	Peak
5	11570.0000	38.96	7.70	-35.51	39.17	50.32	74.00	23.68	Pass	H	Peak
6	17355.0000	42.56	11.03	-33.38	30.71	50.92	74.00	23.08	Pass	H	Peak
7	2461.4962	32.35	4.05	-36.69	47.40	47.11	74.00	26.89	Pass	H	Peak
8	2892.5000	33.03	4.47	-36.66	44.52	45.36	74.00	28.64	Pass	V	Peak
9	4920.7921	34.50	5.97	-36.17	43.53	47.83	74.00	26.17	Pass	V	Peak
10	8425.9951	36.57	6.70	-36.34	44.06	50.99	74.00	23.01	Pass	V	Peak
11	11570.0000	38.96	7.70	-35.51	39.75	50.90	74.00	23.10	Pass	V	Peak
12	17355.0000	42.56	11.03	-33.38	30.52	50.73	74.00	23.27	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2397.6898	32.26	4.00	-36.61	47.69	47.34	74.00	26.66	Pass	H	Peak
2	2912.5000	33.06	4.50	-36.67	43.19	44.08	74.00	29.92	Pass	H	Peak
3	5173.8174	34.67	6.20	-35.98	42.86	47.75	74.00	26.25	Pass	H	Peak
4	8421.3948	36.57	6.70	-36.33	42.85	49.79	74.00	24.21	Pass	H	Peak
5	11650.0000	39.02	7.54	-35.87	39.52	50.21	74.00	23.79	Pass	H	Peak
6	17475.0000	42.68	11.90	-34.14	30.45	50.89	74.00	23.11	Pass	H	Peak
7	1397.1397	28.30	2.95	-37.21	51.51	45.55	74.00	28.45	Pass	V	Peak
8	2912.5000	33.06	4.50	-36.67	43.24	44.13	74.00	29.87	Pass	V	Peak
9	5820.1320	35.51	7.01	-36.01	43.46	49.97	74.00	24.03	Pass	V	Peak
10	10274.5516	38.18	7.23	-36.67	41.02	49.76	74.00	24.24	Pass	V	Peak
11	11650.0000	39.02	7.54	-35.87	38.76	49.45	74.00	24.55	Pass	V	Peak
12	17475.0000	42.68	11.90	-34.14	30.41	50.85	74.00	23.15	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2116.0616	31.86	3.68	-36.54	47.10	46.10	74.00	27.90	Pass	H	Peak
2	2872.5000	33.00	4.48	-36.78	45.16	45.86	74.00	28.14	Pass	H	Peak
3	4646.3146	34.50	5.75	-36.15	42.84	46.94	74.00	27.06	Pass	H	Peak
4	8414.4943	36.57	6.70	-36.31	43.88	50.84	74.00	23.16	Pass	H	Peak
5	11490.0000	38.89	7.94	-35.44	38.22	49.61	74.00	24.39	Pass	H	Peak
6	17235.0000	42.44	11.22	-32.70	32.28	53.24	74.00	20.76	Pass	H	Peak
7	17235.0000	42.44	11.23	-32.70	25.16	46.13	54.00	7.87	Pass	H	AV
8	1395.4895	28.30	2.95	-37.21	52.90	46.94	74.00	27.06	Pass	V	Peak
9	2872.5000	33.00	4.48	-36.78	44.30	45.00	74.00	29.00	Pass	V	Peak
10	3196.9197	33.28	4.71	-36.71	47.54	48.82	74.00	25.18	Pass	V	Peak
11	6120.4620	35.82	7.08	-36.27	42.62	49.25	74.00	24.75	Pass	V	Peak
12	11490.0000	38.89	7.94	-35.44	38.37	49.76	74.00	24.24	Pass	V	Peak
13	17235.0000	42.44	11.22	-32.70	29.91	50.87	74.00	23.13	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2397.1397	32.26	4.00	-36.61	47.94	47.59	74.00	26.41	Pass	H	Peak
2	2892.5000	33.03	4.47	-36.66	44.11	44.95	74.00	29.05	Pass	H	Peak
3	3400.9901	33.36	4.82	-36.64	46.79	48.33	74.00	25.67	Pass	H	Peak
4	6979.1986	36.09	6.37	-36.22	43.27	49.51	74.00	24.49	Pass	H	Peak
5	11570.0000	38.96	7.70	-35.51	37.79	48.94	74.00	25.06	Pass	H	Peak
6	17355.0000	42.56	11.03	-33.38	30.74	50.95	74.00	23.05	Pass	H	Peak
7	1199.6700	28.10	2.87	-37.64	53.11	46.44	74.00	27.56	Pass	V	Peak
8	2078.6579	31.81	3.66	-36.72	49.90	48.65	74.00	25.35	Pass	V	Peak
9	2892.5000	33.03	4.47	-36.66	44.83	45.67	74.00	28.33	Pass	V	Peak
10	7867.0578	36.45	6.54	-36.39	43.21	49.81	74.00	24.19	Pass	V	Peak
11	11570.0000	38.96	7.70	-35.51	37.37	48.52	74.00	25.48	Pass	V	Peak
12	17355.0000	42.56	11.03	-33.38	29.84	50.05	74.00	23.95	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2160.0660	31.92	3.76	-36.35	47.00	46.33	74.00	27.67	Pass	H	Peak
2	2912.5000	33.06	4.50	-36.67	43.42	44.31	74.00	29.69	Pass	H	Peak
3	5190.8691	34.69	6.25	-35.93	43.36	48.37	74.00	25.63	Pass	H	Peak
4	8031.1354	36.41	6.56	-36.53	43.52	49.96	74.00	24.04	Pass	H	Peak
5	11650.0000	39.02	7.54	-35.87	38.22	48.91	74.00	25.09	Pass	H	Peak
6	17475.0000	42.68	11.90	-34.14	33.91	54.35	74.00	19.65	Pass	H	Peak
7	17475.0000	42.68	11.89	-34.14	25.25	45.68	54.00	8.32	Pass	H	AV
8	1397.6898	28.30	2.95	-37.21	54.86	48.90	74.00	25.10	Pass	V	Peak
9	2912.5000	33.06	4.50	-36.67	43.46	44.35	74.00	29.65	Pass	V	Peak
10	3920.7921	33.74	5.47	-36.06	43.40	46.55	74.00	27.45	Pass	V	Peak
11	7906.9271	36.44	6.64	-36.23	42.42	49.27	74.00	24.73	Pass	V	Peak
12	11650.0000	39.02	7.54	-35.87	37.61	48.30	74.00	25.70	Pass	V	Peak
13	17475.0000	42.68	11.90	-34.14	30.34	50.78	74.00	23.22	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2155.1155	31.92	3.74	-36.32	46.31	45.65	74.00	28.35	Pass	H	Peak
2	2877.5000	33.00	4.48	-36.75	43.79	44.52	74.00	29.48	Pass	H	Peak
3	4432.3432	34.41	5.62	-36.18	43.60	47.45	74.00	26.55	Pass	H	Peak
4	7670.7781	36.53	6.30	-36.50	43.81	50.14	74.00	23.86	Pass	H	Peak
5	11510.0000	38.91	7.91	-35.42	35.98	47.38	74.00	26.62	Pass	H	Peak
6	17265.0000	42.47	11.27	-32.89	29.89	50.74	74.00	23.26	Pass	H	Peak
7	1397.1397	28.30	2.95	-37.21	53.01	47.05	74.00	26.95	Pass	V	Peak
8	2277.2277	32.09	4.14	-36.70	48.09	47.62	74.00	26.38	Pass	V	Peak
9	2877.5000	33.00	4.48	-36.75	44.91	45.64	74.00	28.36	Pass	V	Peak
10	7111.0741	36.21	6.33	-36.30	42.60	48.84	74.00	25.16	Pass	V	Peak
11	11510.0000	38.91	7.91	-35.42	37.15	48.55	74.00	25.45	Pass	V	Peak
12	17265.0000	42.47	11.27	-32.89	29.95	50.80	74.00	23.20	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2298.6799	32.12	4.19	-36.59	46.89	46.61	74.00	27.39	Pass	H	Peak
2	2897.5000	33.04	4.47	-36.64	45.14	46.01	74.00	27.99	Pass	H	Peak
3	5273.3773	34.77	6.29	-35.95	43.34	48.45	74.00	25.55	Pass	H	Peak
4	7735.9491	36.51	6.40	-36.50	43.73	50.14	74.00	23.86	Pass	H	Peak
5	11590.0000	38.97	7.73	-35.62	37.24	48.32	74.00	25.68	Pass	H	Peak
6	17385.0000	42.59	10.96	-33.74	30.86	50.67	74.00	23.33	Pass	H	Peak
7	1195.8196	28.10	2.86	-37.66	54.01	47.31	74.00	26.69	Pass	V	Peak
8	2897.5000	33.04	4.47	-36.64	43.99	44.86	74.00	29.14	Pass	V	Peak
9	4868.5369	34.50	6.19	-36.09	42.75	47.35	74.00	26.65	Pass	V	Peak
10	7603.3069	36.56	6.71	-37.02	43.58	49.83	74.00	24.17	Pass	V	Peak
11	11590.0000	38.97	7.73	-35.62	38.38	49.46	74.00	24.54	Pass	V	Peak
12	17385.0000	42.59	10.96	-33.74	30.00	49.81	74.00	24.19	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1989.5490	31.63	3.65	-36.76	46.62	45.14	74.00	28.86	Pass	H	Peak
2	2872.5000	33.00	4.48	-36.78	44.82	45.52	74.00	28.48	Pass	H	Peak
3	4577.5578	34.50	5.80	-36.33	42.81	46.78	74.00	27.22	Pass	H	Peak
4	7730.5820	36.51	6.40	-36.48	43.72	50.15	74.00	23.85	Pass	H	Peak
5	11490.0000	38.89	7.94	-35.44	41.34	52.73	74.00	21.27	Pass	H	Peak
6	11490.0000	38.89	7.94	-35.44	32.36	43.75	54.00	10.25	Pass	H	AV
7	17235.0000	42.44	11.22	-32.70	29.74	50.70	74.00	23.30	Pass	H	Peak
8	1397.1397	28.30	2.95	-37.21	53.25	47.29	74.00	26.71	Pass	V	Peak
9	2872.5000	33.00	4.48	-36.78	45.22	45.92	74.00	28.08	Pass	V	Peak
10	4507.7008	34.50	5.88	-36.24	43.30	47.44	74.00	26.56	Pass	V	Peak
11	8427.5285	36.57	6.70	-36.35	43.60	50.52	74.00	23.48	Pass	V	Peak
12	11490.0000	38.89	7.94	-35.44	42.74	54.13	74.00	19.87	Pass	V	Peak
13	11490.0000	38.89	7.94	-35.44	34.25	45.64	54.00	8.36	Pass	V	AV
14	17235.0000	42.44	11.22	-32.70	29.86	50.82	74.00	23.18	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1948.8449	31.36	3.64	-36.85	47.61	45.76	74.00	28.24	Pass	H	Peak
2	2892.5000	33.03	4.47	-36.66	44.73	45.57	74.00	28.43	Pass	H	Peak
3	4828.3828	34.50	6.09	-36.11	42.96	47.44	74.00	26.56	Pass	H	Peak
4	8418.3279	36.57	6.70	-36.32	43.69	50.64	74.00	23.36	Pass	H	Peak
5	11570.0000	38.96	7.70	-35.51	38.25	49.40	74.00	24.60	Pass	H	Peak
6	17355.0000	42.56	11.03	-33.38	30.27	50.48	74.00	23.52	Pass	H	Peak
7	1195.8196	28.10	2.86	-37.66	52.55	45.85	74.00	28.15	Pass	V	Peak
8	2892.5000	33.03	4.47	-36.66	43.41	44.25	74.00	29.75	Pass	V	Peak
9	4566.0066	34.50	5.80	-36.31	42.09	46.08	74.00	27.92	Pass	V	Peak
10	8895.2263	37.47	6.90	-36.41	41.90	49.86	74.00	24.14	Pass	V	Peak
11	11570.0000	38.96	7.70	-35.51	39.79	50.94	74.00	23.06	Pass	V	Peak
12	17355.0000	42.56	11.03	-33.38	29.04	49.25	74.00	24.75	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1732.6733	29.94	3.29	-36.82	47.30	43.71	74.00	30.29	Pass	H	Peak
2	2912.5000	33.06	4.50	-36.67	44.76	45.65	74.00	28.35	Pass	H	Peak
3	4553.3553	34.50	5.79	-36.28	43.00	47.01	74.00	26.99	Pass	H	Peak
4	9681.8788	37.67	6.79	-36.77	42.26	49.95	74.00	24.05	Pass	H	Peak
5	11650.0000	39.02	7.54	-35.87	40.15	50.84	74.00	23.16	Pass	H	Peak
6	17475.0000	42.68	11.90	-34.14	30.35	50.79	74.00	23.21	Pass	H	Peak
7	2108.9109	31.85	3.67	-36.59	48.51	47.44	74.00	26.56	Pass	V	Peak
8	2912.5000	33.06	4.50	-36.67	43.03	43.92	74.00	30.08	Pass	V	Peak
9	4881.1881	34.50	6.09	-36.10	42.22	46.71	74.00	27.29	Pass	V	Peak
10	8049.5366	36.42	6.57	-36.49	43.11	49.61	74.00	24.39	Pass	V	Peak
11	11650.0000	39.02	7.54	-35.87	38.95	49.64	74.00	24.36	Pass	V	Peak
12	17475.0000	42.68	11.90	-34.14	30.50	50.94	74.00	23.06	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1196.9197	28.10	2.86	-37.65	50.69	44.00	74.00	30.00	Pass	H	Peak
2	2877.5000	33.00	4.48	-36.75	43.84	44.57	74.00	29.43	Pass	H	Peak
3	4830.5831	34.50	6.11	-36.10	42.42	46.93	74.00	27.07	Pass	H	Peak
4	9060.0707	37.69	6.73	-36.52	42.13	50.03	74.00	23.97	Pass	H	Peak
5	11510.0000	38.91	7.91	-35.42	36.88	48.28	74.00	25.72	Pass	H	Peak
6	17265.0000	42.47	11.27	-32.89	29.76	50.61	74.00	23.39	Pass	H	Peak
7	1398.7899	28.30	2.95	-37.20	51.72	45.77	74.00	28.23	Pass	V	Peak
8	2253.0253	32.05	4.08	-36.82	46.97	46.28	74.00	27.72	Pass	V	Peak
9	2877.5000	33.00	4.48	-36.75	43.25	43.98	74.00	30.02	Pass	V	Peak
10	8290.2860	36.52	6.48	-36.59	43.16	49.57	74.00	24.43	Pass	V	Peak
11	11510.0000	38.91	7.91	-35.42	39.40	50.80	74.00	23.20	Pass	V	Peak
12	17265.0000	42.47	11.27	-32.89	29.46	50.31	74.00	23.69	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1967.5468	31.49	3.64	-36.81	46.81	45.13	74.00	28.87	Pass	H	Peak
2	2897.5000	33.04	4.47	-36.64	43.25	44.12	74.00	29.88	Pass	H	Peak
3	4422.4422	34.39	5.60	-36.15	43.28	47.12	74.00	26.88	Pass	H	Peak
4	8416.7945	36.57	6.70	-36.32	43.69	50.64	74.00	23.36	Pass	H	Peak
5	11590.0000	38.97	7.73	-35.62	36.64	47.72	74.00	26.28	Pass	H	Peak
6	17385.0000	42.59	10.96	-33.74	31.07	50.88	74.00	23.12	Pass	H	Peak
7	1195.8196	28.10	2.86	-37.66	53.31	46.61	74.00	27.39	Pass	V	Peak
8	2897.5000	33.04	4.47	-36.64	45.34	46.21	74.00	27.79	Pass	V	Peak
9	5087.4587	34.59	5.97	-36.21	44.00	48.35	74.00	25.65	Pass	V	Peak
10	7737.4825	36.51	6.40	-36.50	43.29	49.70	74.00	24.30	Pass	V	Peak
11	11590.0000	38.97	7.73	-35.62	38.32	49.40	74.00	24.60	Pass	V	Peak
12	17385.0000	42.59	10.96	-33.74	31.04	50.85	74.00	23.15	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1948.8449	31.36	3.64	-36.85	47.18	45.33	74.00	28.67	Pass	H	Peak
2	2887.5000	33.02	4.47	-36.69	43.45	44.25	74.00	29.75	Pass	H	Peak
3	4291.5292	34.21	5.50	-36.16	43.28	46.83	74.00	27.17	Pass	H	Peak
4	8403.7603	36.56	6.70	-36.27	43.12	50.11	74.00	23.89	Pass	H	Peak
5	11550.0000	38.94	7.67	-35.39	37.12	48.34	74.00	25.66	Pass	H	Peak
6	17325.0000	42.53	11.24	-33.49	30.44	50.72	74.00	23.28	Pass	H	Peak
7	1397.6898	28.30	2.95	-37.21	52.46	46.50	74.00	27.50	Pass	V	Peak
8	2887.5000	33.02	4.47	-36.69	43.88	44.68	74.00	29.32	Pass	V	Peak
9	5045.6546	34.55	5.94	-36.04	43.18	47.63	74.00	26.37	Pass	V	Peak
10	8420.6280	36.57	6.70	-36.33	44.04	50.98	74.00	23.02	Pass	V	Peak
11	11550.0000	38.94	7.67	-35.39	38.98	50.20	74.00	23.80	Pass	V	Peak
12	17325.0000	42.53	11.24	-33.49	29.65	49.93	74.00	24.07	Pass	V	Peak

Transmitter Emission 18GHz-40GHz

Mode:		802.11a(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	18795.3398	38.60	0.00	-63.50	73.58	48.68	74.00	25.32	Pass	H	Peak
2	22980.0000	38.83	0.00	-62.51	68.00	44.32	74.00	29.68	Pass	H	Peak
3	25963.2982	40.41	0.00	-58.92	68.21	49.70	74.00	24.30	Pass	H	Peak
4	28725.0000	40.11	0.00	-60.73	67.11	46.49	74.00	27.51	Pass	H	Peak
5	31689.0845	41.79	0.00	-58.98	68.07	50.88	74.00	23.12	Pass	H	Peak
6	34470.0000	42.61	0.00	-58.17	65.02	49.46	74.00	24.54	Pass	H	Peak
7	20806.2403	38.69	0.00	-63.05	72.43	48.07	74.00	25.93	Pass	V	Peak
8	22980.0000	38.83	0.00	-62.51	67.62	43.94	74.00	30.06	Pass	V	Peak
9	25120.6560	40.67	0.00	-59.73	69.14	50.08	74.00	23.92	Pass	V	Peak
10	28725.0000	40.11	0.00	-60.73	66.27	45.65	74.00	28.35	Pass	V	Peak
11	30452.6226	41.04	0.00	-59.75	69.10	50.39	74.00	23.61	Pass	V	Peak
12	34470.0000	42.61	0.00	-58.17	66.12	50.56	74.00	23.44	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19145.1573	38.96	0.00	-63.34	72.22	47.84	74.00	26.16	Pass	H	Peak
2	23140.0000	39.03	0.00	-62.52	68.56	45.07	74.00	28.93	Pass	H	Peak
3	24339.6170	40.35	0.00	-60.50	69.70	49.55	74.00	24.45	Pass	H	Peak
4	27737.6869	39.81	0.00	-60.07	70.29	50.03	74.00	23.97	Pass	H	Peak
5	28925.0000	40.25	0.00	-60.50	66.59	46.34	74.00	27.66	Pass	H	Peak
6	34710.0000	42.80	0.00	-58.08	65.07	49.79	74.00	24.21	Pass	H	Peak
7	21010.8505	38.62	0.00	-63.09	72.13	47.66	74.00	26.34	Pass	H	Peak
8	23140.0000	39.03	0.00	-62.52	68.09	44.60	74.00	29.40	Pass	V	Peak
9	25563.9782	40.54	0.00	-59.36	68.13	49.31	74.00	24.69	Pass	V	Peak
10	28925.0000	40.25	0.00	-60.50	66.61	46.36	74.00	27.64	Pass	V	Peak
11	30290.9145	40.98	0.00	-60.25	69.43	50.16	74.00	23.84	Pass	V	Peak
12	34710.0000	42.80	0.00	-58.08	65.35	50.07	74.00	23.93	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20317.8159	38.86	0.00	-62.89	70.95	46.92	74.00	27.08	Pass	H	Peak
2	23300.0000	39.24	0.00	-62.24	67.30	44.30	74.00	29.70	Pass	H	Peak
3	25139.3570	40.67	0.00	-59.68	68.42	49.41	74.00	24.59	Pass	H	Peak
4	29125.0000	40.37	0.00	-60.60	66.78	46.55	74.00	27.45	Pass	H	Peak
5	30942.1471	41.26	0.00	-58.73	67.46	49.99	74.00	24.01	Pass	H	Peak
6	34950.0000	43.00	0.00	-57.64	65.25	50.61	74.00	23.39	Pass	H	Peak
7	19094.5547	38.96	0.00	-63.38	72.85	48.43	74.00	25.57	Pass	V	Peak
8	23300.0000	39.24	0.00	-62.24	69.30	46.30	74.00	27.70	Pass	V	Peak
9	25683.8842	40.50	0.00	-59.29	68.74	49.95	74.00	24.05	Pass	V	Peak
10	29125.0000	40.37	0.00	-60.60	66.67	46.44	74.00	27.56	Pass	V	Peak
11	31748.4874	41.83	0.00	-59.05	67.39	50.17	74.00	23.83	Pass	V	Peak
12	34950.0000	43.00	0.00	-57.64	64.62	49.98	74.00	24.02	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19844.7922	38.97	0.00	-62.66	71.91	48.22	74.00	25.78	Pass	H	Peak
2	22980.0000	38.83	0.00	-62.51	68.24	44.56	74.00	29.44	Pass	H	Peak
3	25910.4955	40.43	0.00	-59.07	68.71	50.07	74.00	23.93	Pass	H	Peak
4	28725.0000	40.11	0.00	-60.73	66.53	45.91	74.00	28.09	Pass	H	Peak
5	31288.6644	41.49	0.00	-59.16	67.73	50.06	74.00	23.94	Pass	H	Peak
6	34470.0000	42.61	0.00	-58.17	64.05	48.49	74.00	25.51	Pass	H	Peak
7	19843.6922	38.97	0.00	-62.66	71.51	47.82	74.00	26.18	Pass	V	Peak
8	22980.0000	38.83	0.00	-62.51	67.61	43.93	74.00	30.07	Pass	V	Peak
9	26330.7165	40.39	0.00	-59.88	68.89	49.40	74.00	24.60	Pass	V	Peak
10	28725.0000	40.11	0.00	-60.73	67.06	46.44	74.00	27.56	Pass	V	Peak
11	31509.7755	41.66	0.00	-58.92	67.49	50.23	74.00	23.77	Pass	V	Peak
12	34470.0000	42.61	0.00	-58.17	64.15	48.59	74.00	25.41	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	19734.7867	38.97	0.00	-62.70	71.53	47.80	74.00	26.20	Pass	H	Peak
2	23140.0000	39.03	0.00	-62.52	68.12	44.63	74.00	29.37	Pass	H	Peak
3	26667.3334	40.39	0.00	-59.96	69.23	49.66	74.00	24.34	Pass	H	Peak
4	28925.0000	40.25	0.00	-60.50	66.44	46.19	74.00	27.81	Pass	H	Peak
5	30888.2444	41.23	0.00	-58.81	67.70	50.12	74.00	23.88	Pass	H	Peak
6	34710.0000	42.80	0.00	-58.08	64.36	49.08	74.00	24.92	Pass	H	Peak
7	19234.2617	38.96	0.00	-63.23	72.24	47.97	74.00	26.03	Pass	V	Peak
8	23140.0000	39.03	0.00	-62.52	68.75	45.26	74.00	28.74	Pass	V	Peak
9	25952.2976	40.41	0.00	-58.95	68.53	49.99	74.00	24.01	Pass	V	Peak
10	28925.0000	40.25	0.00	-60.50	66.31	46.06	74.00	27.94	Pass	V	Peak
11	30782.6391	41.19	0.00	-59.04	68.12	50.27	74.00	23.73	Pass	V	Peak
12	34710.0000	42.80	0.00	-58.08	65.58	50.30	74.00	23.70	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Magin [dB]	Result	Polarity	Remark
1	19441.0721	38.96	0.00	-62.90	72.45	48.51	74.00	25.49	Pass	H	Peak
2	23300.0000	39.24	0.00	-62.24	68.36	45.36	74.00	28.64	Pass	H	Peak
3	27776.1888	39.78	0.00	-59.98	69.09	48.89	74.00	25.11	Pass	H	Peak
4	29125.0000	40.37	0.00	-60.60	66.87	46.64	74.00	27.36	Pass	H	Peak
5	31658.2829	41.77	0.00	-58.95	67.69	50.51	74.00	23.49	Pass	H	Peak
6	34950.0000	43.00	0.00	-57.64	65.43	50.79	74.00	23.21	Pass	H	Peak
7	21206.6603	38.56	0.00	-63.20	73.17	48.53	74.00	25.47	Pass	V	Peak
8	23300.0000	39.24	0.00	-62.24	67.88	44.88	74.00	29.12	Pass	V	Peak
9	26649.7325	40.39	0.00	-59.92	68.77	49.24	74.00	24.76	Pass	V	Peak
10	29125.0000	40.37	0.00	-60.60	66.68	46.45	74.00	27.55	Pass	V	Peak
11	31708.8854	41.80	0.00	-59.00	67.58	50.38	74.00	23.62	Pass	V	Peak
12	34950.0000	43.00	0.00	-57.64	64.84	50.20	74.00	23.80	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	20410.2205	38.83	0.00	-62.91	71.66	47.58	74.00	26.42	Pass	H	Peak
2	23020.0000	38.87	0.00	-62.46	68.18	44.59	74.00	29.41	Pass	H	Peak
3	26115.1058	40.40	0.00	-59.50	69.04	49.94	74.00	24.06	Pass	H	Peak
4	28775.0000	40.14	0.00	-60.63	67.14	46.65	74.00	27.35	Pass	H	Peak
5	31333.7667	41.53	0.00	-59.09	67.90	50.34	74.00	23.66	Pass	H	Peak
6	34530.0000	42.66	0.00	-57.94	64.44	49.16	74.00	24.84	Pass	H	Peak
7	19138.5569	38.96	0.00	-63.35	72.21	47.82	74.00	26.18	Pass	V	Peak
8	23020.0000	38.87	0.00	-62.46	67.54	43.95	74.00	30.05	Pass	V	Peak
9	25972.0986	40.41	0.00	-58.90	68.22	49.73	74.00	24.27	Pass	V	Peak
10	28775.0000	40.14	0.00	-60.63	68.37	47.88	74.00	26.12	Pass	V	Peak
11	31955.2978	41.99	0.00	-58.90	67.09	50.18	74.00	23.82	Pass	V	Peak
12	34530.0000	42.66	0.00	-57.94	63.73	48.45	74.00	25.55	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19129.7565	38.96	0.00	-63.35	71.95	47.56	74.00	26.44	Pass	H	Peak
2	23180.0000	39.08	0.00	-62.54	68.37	44.91	74.00	29.09	Pass	H	Peak
3	26914.8457	40.38	0.00	-60.15	68.70	48.93	74.00	25.07	Pass	H	Peak
4	28975.0000	40.28	0.00	-60.46	66.40	46.22	74.00	27.78	Pass	H	Peak
5	30657.2329	41.13	0.00	-59.65	68.39	49.87	74.00	24.13	Pass	H	Peak
6	34770.0000	42.85	0.00	-58.31	64.47	49.01	74.00	24.99	Pass	H	Peak
7	19039.5520	38.96	0.00	-63.43	72.34	47.87	74.00	26.13	Pass	V	Peak
8	23180.0000	39.08	0.00	-62.54	68.28	44.82	74.00	29.18	Pass	V	Peak
9	26059.0030	40.40	0.00	-59.17	68.52	49.75	74.00	24.25	Pass	V	Peak
10	28975.0000	40.28	0.00	-60.46	66.66	46.48	74.00	27.52	Pass	V	Peak
11	30880.5440	41.23	0.00	-58.83	67.90	50.30	74.00	23.70	Pass	V	Peak
12	34770.0000	42.85	0.00	-58.31	65.01	49.55	74.00	24.45	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19394.8697	38.96	0.00	-62.91	71.76	47.81	74.00	26.19	Pass	H	Peak
2	22980.0000	38.83	0.00	-62.51	68.09	44.41	74.00	29.59	Pass	H	Peak
3	25794.9897	40.46	0.00	-59.37	68.97	50.06	74.00	23.94	Pass	H	Peak
4	28725.0000	40.11	0.00	-60.73	66.20	45.58	74.00	28.42	Pass	H	Peak
5	31458.0729	41.62	0.00	-58.95	67.67	50.34	74.00	23.66	Pass	H	Peak
6	34470.0000	42.61	0.00	-58.17	64.42	48.86	74.00	25.14	Pass	H	Peak
7	18548.9274	38.16	0.00	-63.89	73.97	48.24	74.00	25.76	Pass	V	Peak
8	22980.0000	38.83	0.00	-62.51	67.85	44.17	74.00	29.83	Pass	V	Peak
9	25199.8600	40.65	0.00	-59.48	68.38	49.55	74.00	24.45	Pass	V	Peak
10	28725.0000	40.11	0.00	-60.73	66.34	45.72	74.00	28.28	Pass	V	Peak
11	30913.5457	41.24	0.00	-58.77	67.94	50.41	74.00	23.59	Pass	V	Peak
12	34470.0000	42.61	0.00	-58.17	65.09	49.53	74.00	24.47	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19114.3557	38.96	0.00	-63.37	72.27	47.86	74.00	26.14	Pass	H	Peak
2	23140.0000	39.03	0.00	-62.52	67.78	44.29	74.00	29.71	Pass	H	Peak
3	25721.2861	40.49	0.00	-59.32	68.33	49.50	74.00	24.50	Pass	H	Peak
4	28925.0000	40.25	0.00	-60.50	66.55	46.30	74.00	27.70	Pass	H	Peak
5	30546.1273	41.08	0.00	-59.86	68.80	50.02	74.00	23.98	Pass	H	Peak
6	34710.0000	42.80	0.00	-58.08	64.19	48.91	74.00	25.09	Pass	H	Peak
7	19524.6762	38.97	0.00	-62.91	71.83	47.89	74.00	26.11	Pass	V	Peak
8	23140.0000	39.03	0.00	-62.52	69.21	45.72	74.00	28.28	Pass	V	Peak
9	25887.3944	40.43	0.00	-59.13	68.88	50.18	74.00	23.82	Pass	V	Peak
10	28925.0000	40.25	0.00	-60.50	66.74	46.49	74.00	27.51	Pass	V	Peak
11	31673.6837	41.78	0.00	-58.96	67.74	50.56	74.00	23.44	Pass	V	Peak
12	34710.0000	42.80	0.00	-58.08	65.90	50.62	74.00	23.38	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19523.5762	38.97	0.00	-62.91	71.73	47.79	74.00	26.21	Pass	H	Peak
2	23300.0000	39.24	0.00	-62.24	68.87	45.87	74.00	28.13	Pass	H	Peak
3	25870.8935	40.44	0.00	-59.18	68.57	49.83	74.00	24.17	Pass	H	Peak
4	29125.0000	40.37	0.00	-60.60	67.33	47.10	74.00	26.90	Pass	H	Peak
5	32089.5045	42.03	0.00	-58.75	67.39	50.67	74.00	23.33	Pass	H	Peak
6	34950.0000	43.00	0.00	-57.64	65.20	50.56	74.00	23.44	Pass	H	Peak
7	19824.9913	38.97	0.00	-62.63	71.42	47.76	74.00	26.24	Pass	V	Peak
8	23300.0000	39.24	0.00	-62.24	68.02	45.02	74.00	28.98	Pass	V	Peak
9	25244.9622	40.63	0.00	-59.57	68.30	49.36	74.00	24.64	Pass	V	Peak
10	29125.0000	40.37	0.00	-60.60	68.39	48.16	74.00	25.84	Pass	V	Peak
11	31570.2785	41.70	0.00	-58.88	67.35	50.17	74.00	23.83	Pass	V	Peak
12	34950.0000	43.00	0.00	-57.64	64.35	49.71	74.00	24.29	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	18783.2392	38.58	0.00	-63.53	73.80	48.85	74.00	25.15	Pass	H	Peak
2	23020.0000	38.87	0.00	-62.46	68.74	45.15	74.00	28.85	Pass	H	Peak
3	25560.6780	40.54	0.00	-59.37	68.24	49.41	74.00	24.59	Pass	H	Peak
4	28775.0000	40.14	0.00	-60.63	66.91	46.42	74.00	27.58	Pass	H	Peak
5	31712.1856	41.81	0.00	-59.01	67.37	50.17	74.00	23.83	Pass	H	Peak
6	34530.0000	42.66	0.00	-57.94	64.35	49.07	74.00	24.93	Pass	H	Peak
7	18753.5377	38.52	0.00	-63.58	73.01	47.95	74.00	26.05	Pass	V	Peak
8	23020.0000	38.87	0.00	-62.46	68.02	44.43	74.00	29.57	Pass	V	Peak
9	25502.3751	40.55	0.00	-59.56	69.16	50.15	74.00	23.85	Pass	V	Peak
10	28775.0000	40.14	0.00	-60.63	68.37	47.88	74.00	26.12	Pass	V	Peak
11	31835.3918	41.90	0.00	-59.07	67.70	50.53	74.00	23.47	Pass	V	Peak
12	34530.0000	42.66	0.00	-57.94	64.54	49.26	74.00	24.74	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19800.7900	38.97	0.00	-62.59	71.71	48.09	74.00	25.91	Pass	H	Peak
2	23180.0000	39.08	0.00	-62.54	68.96	45.50	74.00	28.50	Pass	H	Peak
3	26540.8270	40.39	0.00	-59.81	68.45	49.03	74.00	24.97	Pass	H	Peak
4	28975.0000	40.28	0.00	-60.46	67.35	47.17	74.00	26.83	Pass	H	Peak
5	31745.1873	41.83	0.00	-59.05	67.78	50.56	74.00	23.44	Pass	H	Peak
6	34770.0000	42.85	0.00	-58.31	64.98	49.52	74.00	24.48	Pass	H	Peak
7	19795.2898	38.97	0.00	-62.60	71.15	47.52	74.00	26.48	Pass	V	Peak
8	23180.0000	39.08	0.00	-62.54	67.87	44.41	74.00	29.59	Pass	V	Peak
9	25942.3971	40.42	0.00	-58.98	69.09	50.53	74.00	23.47	Pass	V	Peak
10	28975.0000	40.28	0.00	-60.46	67.01	46.83	74.00	27.17	Pass	V	Peak
11	31855.1928	41.91	0.00	-59.04	67.63	50.50	74.00	23.50	Pass	V	Peak
12	34770.0000	42.85	0.00	-58.31	64.26	48.80	74.00	25.20	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	19496.0748	38.96	0.00	-62.90	71.82	47.88	74.00	26.12	Pass	H	Peak
2	23100.0000	38.97	0.00	-62.50	68.27	44.74	74.00	29.26	Pass	H	Peak
3	26947.8474	40.38	0.00	-60.11	69.12	49.39	74.00	24.61	Pass	H	Peak
4	28875.0000	40.21	0.00	-60.53	67.34	47.02	74.00	26.98	Pass	H	Peak
5	31942.0971	41.98	0.00	-58.92	67.25	50.31	74.00	23.69	Pass	H	Peak
6	34650.0000	42.75	0.00	-57.86	64.00	48.89	74.00	25.11	Pass	H	Peak
7	19719.3860	38.97	0.00	-62.72	71.85	48.10	74.00	25.90	Pass	V	Peak
8	23100.0000	38.97	0.00	-62.50	67.73	44.20	74.00	29.80	Pass	V	Peak
9	25921.4961	40.42	0.00	-59.04	68.82	50.20	74.00	23.80	Pass	V	Peak
10	28875.0000	40.21	0.00	-60.53	66.46	46.14	74.00	27.86	Pass	V	Peak
11	31949.7975	41.98	0.00	-58.90	67.51	50.59	74.00	23.41	Pass	V	Peak
12	34650.0000	42.75	0.00	-57.86	65.34	50.23	74.00	23.77	Pass	V	Peak

Note:

1) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

3) Scan from 9kHz to 40GHz, the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4) All modes and antenna are tested, and found the antenna 1 which is worst case for 802.11a/n(20M)(40M)/ac(20M)(40M)(80M),so only the worst case mode is recorded in the report.

Appendix K): Unwanted Emissions that fall Outside of the Restricted Bands

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
Above 1GHz	Peak	1MHz	3MHz	Peak

Test Procedure:

a) The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. 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 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) Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel
j) Test the EUT in the lowest channel or/and 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 worse case.
i) Repeat above procedures until all frequencies measured was complete.

Limit:

Transmitter Operation Frequency(MHz)	Limit (EIRP)	Limit (dBμV/m)@3m	Measurement distance (cm)
5150-5350	-27dBm/MHz	68.2dBuV/m	3
5470-5725	-27dBm/MHz	68.2dBuV/m	3
5725-5850	-27 (dBm/MHz) *1)	68.2dBuV/m	3
	10 (dBm/MHz) *2)	105.2dBuV/m	3
	15.6 (dBm/MHz) *3)	110.8dBuV/m	3
	27 (dBm/MHz) *4)	122.2dBuV/m	3

Note:

*1) :beyond 75 MHz or more above of the band edge.

*2) :below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

*3) :below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.

*4) :from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Test result: PASS

Test Data:

Band U-NII-1

Mode:		802.11a(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1196.9197	28.10	3.04	-37.65	49.14	42.63	68.20	25.57	Pass	H	Peak
2	2046.2046	31.76	4.27	-36.79	46.48	45.72	68.20	22.48	Pass	H	Peak
3	3023.1023	33.21	5.39	-36.79	46.01	47.82	68.20	20.38	Pass	H	Peak
4	7062.7709	36.16	6.20	-36.19	42.49	48.66	68.20	19.54	Pass	H	Peak
5	9602.9069	37.64	6.64	-36.78	42.38	49.88	68.20	18.32	Pass	H	Peak
6	17054.6370	42.25	11.44	-33.61	35.71	55.79	68.20	12.41	Pass	H	Peak
7	1196.9197	28.10	3.04	-37.65	51.00	44.49	68.20	23.71	Pass	V	Peak
8	2072.6073	31.80	4.41	-36.74	46.53	46.00	68.20	22.20	Pass	V	Peak
9	3091.3091	33.24	5.52	-36.82	46.41	48.35	68.20	19.85	Pass	V	Peak
10	6310.7811	35.86	8.51	-36.21	43.11	51.27	68.20	16.93	Pass	V	Peak
11	8954.2636	37.60	6.85	-36.57	42.44	50.32	68.20	17.88	Pass	V	Peak
12	15275.8517	40.68	9.54	-34.90	35.25	50.57	68.20	17.63	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1193.6194	28.09	3.04	-37.66	48.79	42.26	68.20	25.94	Pass	H	Peak
2	2047.3047	31.77	4.27	-36.80	46.90	46.14	68.20	22.06	Pass	H	Peak
3	3025.8526	33.21	5.40	-36.79	46.46	48.28	68.20	19.92	Pass	H	Peak
4	6813.5876	36.03	6.27	-36.19	42.30	48.41	68.20	19.79	Pass	H	Peak
5	9760.0840	37.70	6.86	-36.82	43.20	50.94	68.20	17.26	Pass	H	Peak
6	16382.2255	42.21	10.53	-35.32	34.84	52.26	68.20	15.94	Pass	H	Peak
7	1129.2629	28.03	2.97	-37.80	48.01	41.21	68.20	26.99	Pass	H	Peak
8	2122.1122	31.87	4.46	-36.49	48.15	47.99	68.20	20.21	Pass	V	Peak
9	3090.2090	33.24	5.52	-36.83	45.95	47.88	68.20	20.32	Pass	V	Peak
10	6335.5336	35.87	8.62	-36.16	43.18	51.51	68.20	16.69	Pass	V	Peak
11	8926.6618	37.54	6.88	-36.49	42.29	50.22	68.20	17.98	Pass	V	Peak
12	16984.0989	42.20	11.52	-33.68	35.12	55.16	68.20	13.04	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1062.7063	27.96	2.87	-37.94	48.74	41.63	68.20	26.57	Pass	H	Peak
2	2120.4620	31.87	4.47	-36.51	46.83	46.66	68.20	21.54	Pass	H	Peak
3	3088.5589	33.24	5.52	-36.83	46.63	48.56	68.20	19.64	Pass	H	Peak
4	6161.7162	35.83	8.54	-36.21	42.55	50.71	68.20	17.49	Pass	H	Peak
5	8831.5888	37.33	6.88	-36.58	42.45	50.08	68.20	18.12	Pass	H	Peak
6	17095.2730	42.30	11.46	-33.17	34.49	55.08	68.20	13.12	Pass	H	Peak
7	1065.4565	27.97	2.87	-37.94	48.55	41.45	68.20	26.75	Pass	V	Peak
8	3081.4081	33.23	5.51	-36.83	47.02	48.93	68.20	19.27	Pass	V	Peak
9	6831.2221	36.03	6.29	-36.27	42.53	48.58	68.20	19.62	Pass	V	Peak
10	8922.0615	37.53	6.88	-36.47	42.45	50.39	68.20	17.81	Pass	V	Peak
11	12806.2538	39.60	8.07	-35.72	37.35	49.30	68.20	18.90	Pass	V	Peak
12	17008.6339	42.21	11.59	-33.48	34.77	55.09	68.20	13.11	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1063.2563	27.96	2.87	-37.94	48.54	41.43	68.20	26.77	Pass	H	Peak
2	3189.2189	33.28	5.69	-36.75	46.36	48.58	68.20	19.62	Pass	H	Peak
3	5815.1815	35.50	8.36	-36.01	43.10	50.95	68.20	17.25	Pass	H	Peak
4	8807.0538	37.28	6.94	-36.60	42.14	49.76	68.20	18.44	Pass	H	Peak
5	11151.6768	38.69	7.62	-35.65	38.86	49.52	68.20	18.68	Pass	H	Peak
6	16988.6992	42.20	11.55	-33.61	35.12	55.26	68.20	12.94	Pass	H	Peak
7	1194.7195	28.09	3.04	-37.65	50.93	44.41	68.20	23.79	Pass	V	Peak
8	1980.1980	31.57	4.13	-36.78	47.04	45.96	68.20	22.24	Pass	V	Peak
9	3028.0528	33.21	5.41	-36.80	46.92	48.74	68.20	19.46	Pass	V	Peak
10	6187.0187	35.84	8.43	-36.30	42.72	50.69	68.20	17.51	Pass	V	Peak
11	9708.7139	37.68	6.89	-36.70	42.00	49.87	68.20	18.33	Pass	V	Peak
12	17129.0086	42.33	11.18	-33.22	35.23	55.52	68.20	12.68	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1979.0979	31.56	4.13	-36.78	46.59	45.50	68.20	22.70	Pass	H	Peak
2	3079.2079	33.23	5.51	-36.84	46.03	47.93	68.20	20.27	Pass	H	Peak
3	6894.8597	36.06	6.47	-36.30	42.35	48.58	68.20	19.62	Pass	H	Peak
4	8793.2529	37.25	6.96	-36.62	42.84	50.43	68.20	17.77	Pass	H	Peak
5	10284.5190	38.20	7.21	-36.74	41.95	50.62	68.20	17.58	Pass	H	Peak
6	17102.1735	42.30	11.44	-33.12	36.03	56.65	68.20	11.55	Pass	H	Peak
7	1133.6634	28.03	2.98	-37.79	47.90	41.12	68.20	27.08	Pass	V	Peak
8	2070.4070	31.80	4.39	-36.74	48.50	47.95	68.20	20.25	Pass	V	Peak
9	3071.5072	33.23	5.50	-36.85	46.48	48.36	68.20	19.84	Pass	V	Peak
10	6382.2882	35.88	8.57	-36.27	43.42	51.60	68.20	16.60	Pass	V	Peak
11	8908.2606	37.50	6.90	-36.42	42.26	50.24	68.20	17.96	Pass	V	Peak
12	17110.6074	42.31	11.36	-33.15	35.25	55.77	68.20	12.43	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1062.7063	27.96	2.87	-37.94	48.63	41.52	68.20	26.68	Pass	H	Peak
2	1938.9439	31.30	4.14	-36.84	46.34	44.94	68.20	23.26	Pass	H	Peak
3	3101.2101	33.24	5.53	-36.81	46.19	48.15	68.20	20.05	Pass	H	Peak
4	6881.8255	36.05	6.42	-36.31	42.51	48.67	68.20	19.53	Pass	H	Peak
5	8911.3274	37.50	6.90	-36.43	42.59	50.56	68.20	17.64	Pass	H	Peak
6	17063.8376	42.26	11.45	-33.52	34.71	54.90	68.20	13.30	Pass	H	Peak
7	1151.2651	28.05	3.02	-37.76	47.91	41.22	68.20	26.98	Pass	V	Peak
8	3198.5699	33.28	5.74	-36.70	46.71	49.03	68.20	19.17	Pass	V	Peak
9	6330.5831	35.87	8.60	-36.17	42.13	50.43	68.20	17.77	Pass	V	Peak
10	8899.8267	37.48	6.91	-36.39	41.58	49.58	68.20	18.62	Pass	V	Peak
11	10476.9651	38.47	7.46	-36.81	42.39	51.51	68.20	16.69	Pass	V	Peak
12	17028.5686	42.23	11.52	-33.58	35.02	55.19	68.20	13.01	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1096.2596	28.00	2.90	-37.86	48.44	41.48	68.20	26.72	Pass	H	Peak
2	2156.7657	31.92	4.35	-36.33	46.46	46.40	68.20	21.80	Pass	H	Peak
3	7188.5126	36.29	6.27	-36.42	42.64	48.78	68.20	19.42	Pass	H	Peak
4	10221.6481	38.11	7.18	-36.47	40.91	49.73	68.20	18.47	Pass	H	Peak
5	13708.6806	39.53	8.44	-34.20	36.29	50.06	68.20	18.14	Pass	H	Peak
6	17105.2403	42.31	11.41	-33.13	34.34	54.93	68.20	13.27	Pass	H	Peak
7	1066.0066	27.97	2.87	-37.94	48.27	41.17	68.20	27.03	Pass	V	Peak
8	2082.5083	31.82	4.46	-36.71	48.04	47.61	68.20	20.59	Pass	V	Peak
9	3196.3696	33.28	5.73	-36.71	47.57	49.87	68.20	18.33	Pass	V	Peak
10	7110.3074	36.21	6.33	-36.29	42.62	48.87	68.20	19.33	Pass	V	Peak
11	9767.7512	37.71	6.86	-36.84	43.43	51.16	68.20	17.04	Pass	V	Peak
12	16987.9325	42.20	11.54	-33.62	36.80	56.92	68.20	11.28	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1045.1045	27.95	2.85	-38.01	48.48	41.27	68.20	26.93	Pass	H	Peak
2	3066.0066	33.23	5.50	-36.87	46.93	48.79	68.20	19.41	Pass	H	Peak
3	6295.9296	35.86	8.44	-36.23	42.74	50.81	68.20	17.39	Pass	H	Peak
4	7126.4084	36.23	6.31	-36.32	42.72	48.94	68.20	19.26	Pass	H	Peak
5	10415.6277	38.38	7.53	-36.60	40.99	50.30	68.20	17.90	Pass	H	Peak
6	16999.4333	42.20	11.62	-33.45	35.15	55.52	68.20	12.68	Pass	H	Peak
7	1064.9065	27.96	2.87	-37.93	49.53	42.43	68.20	25.77	Pass	V	Peak
8	3084.7085	33.23	5.51	-36.82	46.21	48.13	68.20	20.07	Pass	V	Peak
9	6730.0153	35.99	6.41	-36.21	42.03	48.22	68.20	19.98	Pass	V	Peak
10	10272.2515	38.18	7.24	-36.66	41.34	50.10	68.20	18.10	Pass	V	Peak
11	14314.3876	40.01	8.85	-33.79	37.92	52.99	68.20	15.21	Pass	V	Peak
12	17076.1051	42.28	11.45	-33.38	34.80	55.15	68.20	13.05	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5180		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1066.0066	27.97	2.87	-37.94	49.46	42.36	68.20	25.84	Pass	H	Peak
2	2047.3047	31.77	4.27	-36.80	48.14	47.38	68.20	20.82	Pass	H	Peak
3	4043.4543	33.86	6.34	-36.34	42.86	46.72	68.20	21.48	Pass	H	Peak
4	7149.4100	36.25	6.29	-36.35	43.06	49.25	68.20	18.95	Pass	H	Peak
5	10236.2157	38.13	7.23	-36.49	40.68	49.55	68.20	18.65	Pass	H	Peak
6	17102.9402	42.30	11.43	-33.12	34.91	55.52	68.20	12.68	Pass	H	Peak
7	1104.5105	28.00	2.91	-37.83	48.56	41.64	68.20	26.56	Pass	V	Peak
8	3100.1100	33.24	5.53	-36.81	45.93	47.89	68.20	20.31	Pass	V	Peak
9	6341.0341	35.87	8.65	-36.15	42.64	51.01	68.20	17.19	Pass	V	Peak
10	8906.7271	37.49	6.90	-36.41	42.09	50.07	68.20	18.13	Pass	V	Peak
11	10237.7492	38.13	7.24	-36.49	40.89	49.77	68.20	18.43	Pass	V	Peak
12	17024.7350	42.22	11.53	-33.55	34.87	55.07	68.20	13.13	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5200		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1044.0044	27.94	2.85	-38.00	48.22	41.01	68.20	27.19	Pass	H	Peak
2	3064.9065	33.23	5.49	-36.86	46.00	47.86	68.20	20.34	Pass	H	Peak
3	6348.1848	35.87	8.68	-36.13	42.56	50.98	68.20	17.22	Pass	H	Peak
4	7177.0118	36.28	6.27	-36.39	43.71	49.87	68.20	18.33	Pass	H	Peak
5	10239.2826	38.13	7.24	-36.49	41.49	50.37	68.20	17.83	Pass	H	Peak
6	17086.0724	42.29	11.45	-33.27	35.23	55.70	68.20	12.50	Pass	H	Peak
7	1064.3564	27.96	2.87	-37.93	48.48	41.38	68.20	26.82	Pass	V	Peak
8	3067.1067	33.23	5.50	-36.86	45.99	47.86	68.20	20.34	Pass	V	Peak
9	6367.4367	35.87	8.63	-36.20	42.96	51.26	68.20	16.94	Pass	V	Peak
10	8944.2963	37.58	6.86	-36.56	42.70	50.58	68.20	17.62	Pass	V	Peak
11	10539.8360	38.51	7.34	-36.63	40.05	49.27	68.20	18.93	Pass	V	Peak
12	17100.6400	42.30	11.45	-33.11	34.95	55.59	68.20	12.61	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5240		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1048.9549	27.95	2.86	-37.99	48.59	41.41	68.20	26.79	Pass	H	Peak
2	2106.7107	31.85	4.53	-36.61	46.94	46.71	68.20	21.49	Pass	H	Peak
3	3167.7668	33.27	5.57	-36.87	46.05	48.02	68.20	20.18	Pass	H	Peak
4	6894.8597	36.06	6.47	-36.30	43.45	49.68	68.20	18.52	Pass	H	Peak
5	10245.4164	38.14	7.26	-36.50	40.68	49.58	68.20	18.62	Pass	H	Peak
6	17115.9744	42.32	11.31	-33.18	34.52	54.97	68.20	13.23	Pass	H	Peak
7	1069.8570	27.97	2.88	-37.93	48.35	41.27	68.20	26.93	Pass	V	Peak
8	3088.5589	33.24	5.52	-36.83	46.41	48.34	68.20	19.86	Pass	V	Peak
9	6377.8878	35.88	8.59	-36.25	43.24	51.46	68.20	16.74	Pass	V	Peak
10	10285.2857	38.20	7.21	-36.74	41.37	50.04	68.20	18.16	Pass	V	Peak
11	13687.9792	39.51	8.46	-34.13	35.72	49.56	68.20	18.64	Pass	V	Peak
12	17106.0071	42.31	11.40	-33.13	34.46	55.04	68.20	13.16	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5190		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1025.8526	27.93	2.82	-38.10	48.59	41.24	68.20	26.96	Pass	H	Peak
2	3023.1023	33.21	5.39	-36.79	46.34	48.15	68.20	20.05	Pass	H	Peak
3	6459.2959	35.89	8.50	-36.25	43.13	51.27	68.20	16.93	Pass	H	Peak
4	8882.1921	37.44	6.89	-36.46	41.90	49.77	68.20	18.43	Pass	H	Peak
5	10225.4817	38.12	7.19	-36.48	41.31	50.14	68.20	18.06	Pass	H	Peak
6	17102.9402	42.30	11.43	-33.12	35.34	55.95	68.20	12.25	Pass	H	Peak
7	1040.7041	27.94	2.85	-38.03	48.96	41.72	68.20	26.48	Pass	V	Peak
8	2193.0693	31.97	4.38	-36.53	48.12	47.94	68.20	20.26	Pass	V	Peak
9	6360.8361	35.87	8.65	-36.17	43.06	51.41	68.20	16.79	Pass	V	Peak
10	8876.8251	37.43	6.88	-36.48	42.51	50.34	68.20	17.86	Pass	V	Peak
11	10398.7599	38.36	7.53	-36.54	40.89	50.24	68.20	17.96	Pass	V	Peak
12	17105.2403	42.31	11.41	-33.13	34.79	55.38	68.20	12.82	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5230		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1044.5545	27.94	2.85	-38.00	49.04	41.83	68.20	26.37	Pass	H	Peak
2	2131.4631	31.88	4.42	-36.42	46.63	46.51	68.20	21.69	Pass	H	Peak
3	6247.5248	35.85	8.24	-36.30	42.47	50.26	68.20	17.94	Pass	H	Peak
4	8751.8501	37.15	6.94	-36.70	42.85	50.24	68.20	17.96	Pass	H	Peak
5	10187.1458	38.06	7.11	-36.53	41.28	49.92	68.20	18.28	Pass	H	Peak
6	17098.3399	42.30	11.46	-33.13	35.04	55.67	68.20	12.53	Pass	H	Peak
7	1068.2068	27.97	2.87	-37.93	48.63	41.54	68.20	26.66	Pass	V	Peak
8	2119.3619	31.87	4.47	-36.51	46.75	46.58	68.20	21.62	Pass	V	Peak
9	3187.5688	33.28	5.68	-36.76	47.90	50.10	68.20	18.10	Pass	V	Peak
10	6148.5149	35.83	8.58	-36.18	43.08	51.31	68.20	16.89	Pass	V	Peak
11	8929.7286	37.55	6.87	-36.50	42.54	50.46	68.20	17.74	Pass	V	Peak
12	17104.4736	42.30	11.42	-33.13	35.03	55.62	68.20	12.58	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1030.8031	27.93	2.83	-38.07	48.76	41.45	68.20	26.75	Pass	H	Peak
2	2061.0561	31.79	4.34	-36.77	46.66	46.02	68.20	22.18	Pass	H	Peak
3	6480.7481	35.90	8.59	-36.24	43.68	51.93	68.20	16.27	Pass	H	Peak
4	8913.6276	37.51	6.89	-36.44	42.34	50.30	68.20	17.90	Pass	H	Peak
5	10418.6946	38.39	7.53	-36.62	41.23	50.53	68.20	17.67	Pass	H	Peak
6	17104.4736	42.30	11.42	-33.13	35.58	56.17	68.20	12.03	Pass	H	Peak
7	1046.2046	27.95	2.85	-38.00	48.39	41.19	68.20	27.01	Pass	V	Peak
8	2048.4048	31.77	4.28	-36.80	47.64	46.89	68.20	21.31	Pass	V	Peak
9	3165.5666	33.27	5.56	-36.88	46.85	48.80	68.20	19.40	Pass	V	Peak
10	6361.3861	35.87	8.65	-36.18	42.72	51.06	68.20	17.14	Pass	V	Peak
11	10217.0478	38.10	7.16	-36.46	40.94	49.74	68.20	18.46	Pass	V	Peak
12	17099.8733	42.30	11.46	-33.11	34.85	55.50	68.20	12.70	Pass	V	Peak

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Mode:		802.11a(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1069.3069	27.97	2.54	-37.93	49.13	41.71	68.20	26.49	Pass	H	Peak
2	2052.2552	31.77	3.65	-36.79	47.55	46.18	68.20	22.02	Pass	H	Peak
3	3069.3069	33.23	4.63	-36.85	46.59	47.60	68.20	20.60	Pass	H	Peak
4	6458.1958	35.89	7.20	-36.25	43.45	50.29	68.20	17.91	Pass	H	Peak
5	9766.9845	37.71	6.86	-36.84	43.45	51.18	68.20	17.02	Pass	H	Peak
6	17039.3026	42.24	11.48	-33.62	38.46	58.56	68.20	9.64	Pass	H	Peak
7	1011.5512	27.91	2.49	-38.16	48.88	41.12	68.20	27.08	Pass	V	Peak
8	3199.1199	33.28	4.71	-36.70	47.23	48.52	68.20	19.68	Pass	V	Peak
9	6438.9439	35.89	7.09	-36.28	43.94	50.64	68.20	17.56	Pass	V	Peak
10	8831.5888	37.33	6.88	-36.58	43.33	50.96	68.20	17.24	Pass	V	Peak
11	10240.8161	38.14	7.25	-36.50	42.04	50.93	68.20	17.27	Pass	V	Peak
12	17000.2000	42.20	11.62	-33.44	38.85	59.23	68.20	8.97	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1052.2552	27.95	2.51	-37.97	48.46	40.95	68.20	27.25	Pass	H	Peak
2	2070.4070	31.80	3.65	-36.74	46.58	45.29	68.20	22.91	Pass	H	Peak
3	6421.8922	35.88	7.04	-36.30	43.87	50.49	68.20	17.71	Pass	H	Peak
4	8953.4969	37.60	6.85	-36.57	42.91	50.79	68.20	17.41	Pass	H	Peak
5	10246.9498	38.15	7.27	-36.51	42.12	51.03	68.20	17.17	Pass	H	Peak
6	17106.0071	42.31	11.40	-33.13	36.86	57.44	68.20	10.76	Pass	H	Peak
7	1030.8031	27.93	2.50	-38.07	49.49	41.85	68.20	26.35	Pass	H	Peak
8	2114.9615	31.86	3.68	-36.55	46.89	45.88	68.20	22.32	Pass	V	Peak
9	6697.0465	35.98	6.41	-36.21	43.49	49.67	68.20	18.53	Pass	V	Peak
10	8856.8905	37.39	6.85	-36.56	42.64	50.32	68.20	17.88	Pass	V	Peak
11	10236.9825	38.13	7.23	-36.49	41.54	50.41	68.20	17.79	Pass	V	Peak
12	17025.5017	42.23	11.53	-33.56	37.19	57.39	68.20	10.81	Pass	V	Peak

Mode:		802.11a(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	2069.8570	31.80	3.65	-36.74	45.81	44.52	68.20	23.68	Pass	H	Peak
2	2958.1958	33.13	4.58	-36.79	45.42	46.34	68.20	21.86	Pass	H	Peak
3	6359.7360	35.87	7.08	-36.17	42.74	49.52	68.20	18.68	Pass	H	Peak
4	8791.7194	37.24	6.96	-36.62	42.19	49.77	68.20	18.43	Pass	H	Peak
5	10164.1443	38.03	7.13	-36.71	40.42	48.87	68.20	19.33	Pass	H	Peak
6	17126.7084	42.33	11.20	-33.21	34.51	54.83	68.20	13.37	Pass	H	Peak
7	1198.5699	28.10	2.87	-37.65	50.96	44.28	68.20	23.92	Pass	V	Peak
8	2049.5050	31.77	3.65	-36.80	46.04	44.66	68.20	23.54	Pass	V	Peak
9	3185.9186	33.27	4.69	-36.76	45.88	47.08	68.20	21.12	Pass	V	Peak
10	6227.1727	35.85	7.15	-36.32	41.99	48.67	68.20	19.53	Pass	V	Peak
11	8832.3555	37.33	6.88	-36.58	41.49	49.12	68.20	19.08	Pass	V	Peak
12	17056.9371	42.26	11.44	-33.59	35.03	55.14	68.20	13.06	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1196.9197	28.10	2.86	-37.65	48.93	42.24	68.20	25.96	Pass	H	Peak
2	2084.1584	31.82	3.66	-36.71	46.57	45.34	68.20	22.86	Pass	H	Peak
3	3199.6700	33.28	4.71	-36.69	45.74	47.04	68.20	21.16	Pass	H	Peak
4	8976.4984	37.65	6.84	-36.54	42.82	50.77	68.20	17.43	Pass	H	Peak
5	10273.0182	38.18	7.23	-36.66	41.40	50.15	68.20	18.05	Pass	H	Peak
6	17022.4348	42.22	11.54	-33.54	36.07	56.29	68.20	11.91	Pass	H	Peak
7	1196.9197	28.10	2.86	-37.65	48.53	41.84	68.20	26.36	Pass	V	Peak
8	3085.8086	33.23	4.62	-36.82	45.62	46.65	68.20	21.55	Pass	V	Peak
9	6382.2882	35.88	7.02	-36.27	43.19	49.82	68.20	18.38	Pass	V	Peak
10	8885.2590	37.45	6.89	-36.45	43.04	50.93	68.20	17.27	Pass	V	Peak
11	10281.4521	38.19	7.22	-36.72	40.86	49.55	68.20	18.65	Pass	V	Peak
12	16987.9325	42.20	11.54	-33.62	35.80	55.92	68.20	12.28	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1074.2574	27.97	2.55	-37.91	49.24	41.85	68.20	26.35	Pass	H	Peak
2	2132.0132	31.88	3.70	-36.41	47.08	46.25	68.20	21.95	Pass	H	Peak
3	6459.8460	35.89	7.21	-36.25	42.91	49.76	68.20	18.44	Pass	H	Peak
4	8888.3259	37.45	6.89	-36.43	42.46	50.37	68.20	17.83	Pass	H	Peak
5	10230.0820	38.12	7.21	-36.48	41.28	50.13	68.20	18.07	Pass	H	Peak
6	17043.9029	42.24	11.46	-33.64	36.98	57.04	68.20	11.16	Pass	H	Peak
7	1111.1111	28.01	2.62	-37.82	48.73	41.54	68.20	26.66	Pass	V	Peak
8	2078.6579	31.81	3.66	-36.72	49.90	48.65	68.20	19.55	Pass	V	Peak
9	6771.4181	36.01	6.34	-36.18	42.04	48.21	68.20	19.99	Pass	V	Peak
10	8877.5918	37.43	6.88	-36.48	42.84	50.67	68.20	17.53	Pass	V	Peak
11	10228.5486	38.12	7.20	-36.48	41.11	49.95	68.20	18.25	Pass	V	Peak
12	17102.1735	42.30	11.44	-33.12	36.02	56.64	68.20	11.56	Pass	V	Peak

Mode:		802.11n(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1073.7074	27.97	2.55	-37.91	48.47	41.08	68.20	27.12	Pass	H	Peak
2	2160.0660	31.92	3.76	-36.35	47.00	46.33	68.20	21.87	Pass	H	Peak
3	3188.6689	33.28	4.69	-36.75	46.67	47.89	68.20	20.31	Pass	H	Peak
4	8934.3290	37.56	6.87	-36.52	42.83	50.74	68.20	17.46	Pass	H	Peak
5	13749.3166	39.55	8.49	-34.17	37.83	51.70	68.20	16.50	Pass	H	Peak
6	16985.6324	42.20	11.53	-33.65	36.30	56.38	68.20	11.82	Pass	H	Peak
7	1070.9571	27.97	2.54	-37.92	48.32	40.91	68.20	27.29	Pass	V	Peak
8	2124.8625	31.87	3.69	-36.47	47.42	46.51	68.20	21.69	Pass	V	Peak
9	3194.7195	33.28	4.70	-36.72	46.50	47.76	68.20	20.44	Pass	V	Peak
10	8802.4535	37.27	6.95	-36.60	42.74	50.36	68.20	17.84	Pass	V	Peak
11	11716.7478	39.07	7.45	-35.58	40.94	51.88	68.20	16.32	Pass	V	Peak
12	17107.5405	42.31	11.39	-33.14	34.72	55.28	68.20	12.92	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1091.8592	27.99	2.58	-37.86	48.72	41.43	68.20	26.77	Pass	H	Peak
2	2155.1155	31.92	3.74	-36.32	46.31	45.65	68.20	22.55	Pass	H	Peak
3	3262.3762	33.30	4.98	-36.81	45.76	47.23	68.20	20.97	Pass	H	Peak
4	6932.4288	36.07	6.45	-36.27	42.67	48.92	68.20	19.28	Pass	H	Peak
5	10169.5113	38.04	7.12	-36.66	41.44	49.94	68.20	18.26	Pass	H	Peak
6	17011.7008	42.21	11.58	-33.49	36.45	56.75	68.20	11.45	Pass	H	Peak
7	1090.7591	27.99	2.58	-37.87	48.85	41.55	68.20	26.65	Pass	V	Peak
8	2277.2277	32.09	4.14	-36.70	48.09	47.62	68.20	20.58	Pass	V	Peak
9	3258.5259	33.30	5.01	-36.81	46.15	47.65	68.20	20.55	Pass	V	Peak
10	6462.0462	35.89	7.23	-36.24	42.20	49.08	68.20	19.12	Pass	V	Peak
11	10244.6496	38.14	7.26	-36.50	41.02	49.92	68.20	18.28	Pass	V	Peak
12	17101.4068	42.30	11.45	-33.12	34.22	54.85	68.20	13.35	Pass	V	Peak

Mode:		802.11n(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1154.5655	28.05	2.73	-37.75	49.21	42.24	68.20	25.96	Pass	H	Peak
2	2118.2618	31.87	3.69	-36.53	46.66	45.69	68.20	22.51	Pass	H	Peak
3	3064.9065	33.23	4.64	-36.87	46.36	47.36	68.20	20.84	Pass	H	Peak
4	8968.0645	37.63	6.84	-36.55	43.16	51.08	68.20	17.12	Pass	H	Peak
5	10213.2142	38.10	7.15	-36.46	41.52	50.31	68.20	17.89	Pass	H	Peak
6	17122.1081	42.32	11.25	-33.19	36.23	56.61	68.20	11.59	Pass	H	Peak
7	1096.2596	28.00	2.58	-37.85	48.64	41.37	68.20	26.83	Pass	V	Peak
8	3089.1089	33.24	4.62	-36.83	45.99	47.02	68.20	21.18	Pass	V	Peak
9	6485.6986	35.90	7.44	-36.24	42.58	49.68	68.20	18.52	Pass	V	Peak
10	10193.2796	38.07	7.11	-36.49	41.59	50.28	68.20	17.92	Pass	V	Peak
11	13030.1353	39.59	7.93	-35.33	39.51	51.70	68.20	16.50	Pass	V	Peak
12	17127.4752	42.33	11.20	-33.22	36.17	56.48	68.20	11.72	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5745		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1055.0055	27.96	2.52	-37.97	48.30	40.81	68.20	27.39	Pass	H	Peak
2	3150.7151	33.26	4.63	-36.95	46.47	47.41	68.20	20.79	Pass	H	Peak
3	6331.1331	35.87	7.25	-36.18	42.43	49.37	68.20	18.83	Pass	H	Peak
4	8924.3616	37.53	6.88	-36.47	43.01	50.95	68.20	17.25	Pass	H	Peak
5	12415.9944	39.55	7.95	-36.16	39.52	50.86	68.20	17.34	Pass	H	Peak
6	17107.5405	42.31	11.39	-33.14	35.55	56.11	68.20	12.09	Pass	H	Peak
7	1028.6029	27.93	2.50	-38.08	47.82	40.17	68.20	28.03	Pass	V	Peak
8	2015.9516	31.72	3.65	-36.75	46.42	45.04	68.20	23.16	Pass	V	Peak
9	3207.3707	33.28	4.76	-36.70	45.95	47.29	68.20	20.91	Pass	V	Peak
10	6967.6978	36.09	6.39	-36.23	42.27	48.52	68.20	19.68	Pass	V	Peak
11	8872.9915	37.42	6.87	-36.49	41.90	49.70	68.20	18.50	Pass	V	Peak
12	17016.3011	42.22	11.56	-33.52	34.98	55.24	68.20	12.96	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5785		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1072.0572	27.97	2.55	-37.92	49.02	41.62	68.20	26.58	Pass	H	Peak
2	2115.5116	31.86	3.68	-36.54	46.54	45.54	68.20	22.66	Pass	H	Peak
3	6901.7601	36.06	6.49	-36.29	42.89	49.15	68.20	19.05	Pass	H	Peak
4	8961.9308	37.62	6.85	-36.56	42.52	50.43	68.20	17.77	Pass	H	Peak
5	12386.8591	39.53	7.92	-36.18	40.95	52.22	68.20	15.98	Pass	H	Peak
6	17107.5405	42.31	11.39	-33.14	35.35	55.91	68.20	12.29	Pass	H	Peak
7	1157.8658	28.06	2.74	-37.75	47.72	40.77	68.20	27.43	Pass	V	Peak
8	3061.6062	33.22	4.64	-36.86	45.20	46.20	68.20	22.00	Pass	V	Peak
9	6287.1287	35.86	7.42	-36.25	41.19	48.22	68.20	19.98	Pass	V	Peak
10	8895.2263	37.47	6.90	-36.41	41.90	49.86	68.20	18.34	Pass	V	Peak
11	12464.2976	39.58	7.91	-36.19	38.94	50.24	68.20	17.96	Pass	V	Peak
12	17010.9341	42.21	11.58	-33.49	35.22	55.52	68.20	12.68	Pass	V	Peak

Mode:		802.11ac(HT20) Transmitting			Channel:				5825		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1091.8592	27.99	2.58	-37.86	47.72	40.43	68.20	27.77	Pass	H	Peak
2	2092.9593	31.83	3.66	-36.68	46.02	44.83	68.20	23.37	Pass	H	Peak
3	6928.5952	36.07	6.46	-36.28	41.18	47.43	68.20	20.77	Pass	H	Peak
4	8820.8547	37.31	6.91	-36.60	41.79	49.41	68.20	18.79	Pass	H	Peak
5	10279.9187	38.19	7.22	-36.71	41.23	49.93	68.20	18.27	Pass	H	Peak
6	16990.2327	42.20	11.56	-33.59	35.47	55.64	68.20	12.56	Pass	H	Peak
7	1030.2530	27.93	2.50	-38.07	47.88	40.24	68.20	27.96	Pass	V	Peak
8	3054.4554	33.22	4.65	-36.88	45.20	46.19	68.20	22.01	Pass	V	Peak
9	8793.2529	37.25	6.96	-36.62	41.81	49.40	68.20	18.80	Pass	V	Peak
10	10255.3837	38.16	7.27	-36.55	39.98	48.86	68.20	19.34	Pass	V	Peak
11	13738.5826	39.54	8.48	-34.18	37.53	51.37	68.20	16.83	Pass	V	Peak
12	17007.8672	42.21	11.59	-33.48	35.51	55.83	68.20	12.37	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5755		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1068.7569	27.97	2.54	-37.93	48.11	40.69	68.20	27.51	Pass	H	Peak
2	2051.1551	31.77	3.65	-36.79	45.87	44.50	68.20	23.70	Pass	H	Peak
3	3084.7085	33.23	4.62	-36.83	46.31	47.33	68.20	20.87	Pass	H	Peak
4	6497.2497	35.90	7.54	-36.23	42.04	49.25	68.20	18.95	Pass	H	Peak
5	10371.9248	38.32	7.36	-36.69	40.76	49.75	68.20	18.45	Pass	H	Peak
6	17102.9402	42.30	11.43	-33.12	35.54	56.15	68.20	12.05	Pass	H	Peak
7	1069.3069	27.97	2.54	-37.93	47.10	39.68	68.20	28.52	Pass	V	Peak
8	2115.5116	31.86	3.68	-36.54	47.02	46.02	68.20	22.18	Pass	V	Peak
9	6473.5974	35.89	7.33	-36.23	41.33	48.32	68.20	19.88	Pass	V	Peak
10	8929.7286	37.55	6.87	-36.50	41.19	49.11	68.20	19.09	Pass	V	Peak
11	10250.7834	38.15	7.28	-36.52	39.97	48.88	68.20	19.32	Pass	V	Peak
12	17019.3680	42.22	11.55	-33.53	35.04	55.28	68.20	12.92	Pass	V	Peak

Mode:		802.11ac(HT40) Transmitting			Channel:				5795		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1092.9593	27.99	2.58	-37.86	48.68	41.39	68.20	26.81	Pass	H	Peak
2	2139.7140	31.90	3.72	-36.37	46.17	45.42	68.20	22.78	Pass	H	Peak
3	3122.6623	33.25	4.62	-36.88	46.14	47.13	68.20	21.07	Pass	H	Peak
4	6715.4477	35.99	6.42	-36.22	41.75	47.94	68.20	20.26	Pass	H	Peak
5	8828.5219	37.32	6.89	-36.58	41.63	49.26	68.20	18.94	Pass	H	Peak
6	17032.4022	42.23	11.50	-33.58	35.64	55.79	68.20	12.41	Pass	H	Peak
7	1114.4114	28.01	2.63	-37.82	48.28	41.10	68.20	27.10	Pass	V	Peak
8	2085.2585	31.82	3.66	-36.70	48.17	46.95	68.20	21.25	Pass	V	Peak
9	6342.6843	35.87	7.16	-36.14	42.90	49.79	68.20	18.41	Pass	V	Peak
10	8912.0941	37.51	6.90	-36.44	42.47	50.44	68.20	17.76	Pass	V	Peak
11	10391.8595	38.35	7.49	-36.58	41.35	50.61	68.20	17.59	Pass	V	Peak
12	17004.8003	42.20	11.60	-33.45	35.44	55.79	68.20	12.41	Pass	V	Peak

Mode:		802.11ac(HT80) Transmitting			Channel:				5775		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Preamp gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Magin [dB]	Result	Polarity	Remark
1	1074.2574	27.97	2.55	-37.91	48.47	41.08	68.20	27.12	Pass	H	Peak
2	1910.3410	31.11	3.54	-36.79	46.45	44.31	68.20	23.89	Pass	H	Peak
3	6907.8939	36.06	6.48	-36.28	42.39	48.65	68.20	19.55	Pass	H	Peak
4	8871.4581	37.42	6.87	-36.50	42.40	50.19	68.20	18.01	Pass	H	Peak
5	10218.5812	38.11	7.17	-36.47	40.95	49.76	68.20	18.44	Pass	H	Peak
6	17119.0413	42.32	11.28	-33.19	35.73	56.14	68.20	12.06	Pass	H	Peak
7	1070.4070	27.97	2.54	-37.92	48.07	40.66	68.20	27.54	Pass	V	Peak
8	3078.6579	33.23	4.63	-36.84	46.65	47.67	68.20	20.53	Pass	V	Peak
9	6892.5595	36.06	6.46	-36.30	43.56	49.78	68.20	18.42	Pass	V	Peak
10	8837.7225	37.34	6.87	-36.58	42.60	50.23	68.20	17.97	Pass	V	Peak
11	10326.6884	38.26	7.20	-36.83	41.72	50.35	68.20	17.85	Pass	V	Peak
12	17043.1362	42.24	11.46	-33.63	35.90	55.97	68.20	12.23	Pass	V	Peak

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

2) Through Pre-scan transmitting mode with all kind of modulation and data rate, find the MCS0 is the worst case of 802.11a; MCS0 is the worst case of 802.11n(20M)(40M); MCS0 is the worst case of 802.11ac(20M)(40M)(80M); and then Only the worst case is recorded in the report.

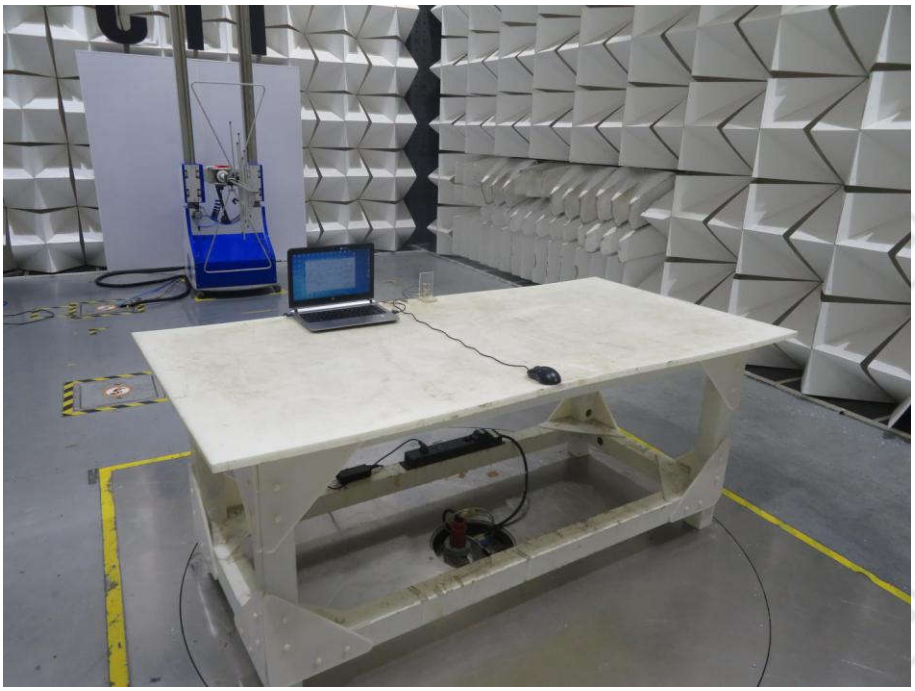
3) Scan from 9kHz to 40GHz, the disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4) All modes and antenna are tested, and found the antenna 1 which is worst case for 802.11a/n(20M)(40M)/802.11ac(20M)(40M)(80M),and then only the worst case mode is recorded in the report.

PHOTOGRAPHS OF TEST SETUP

Test model No.: WCT1BR2701T

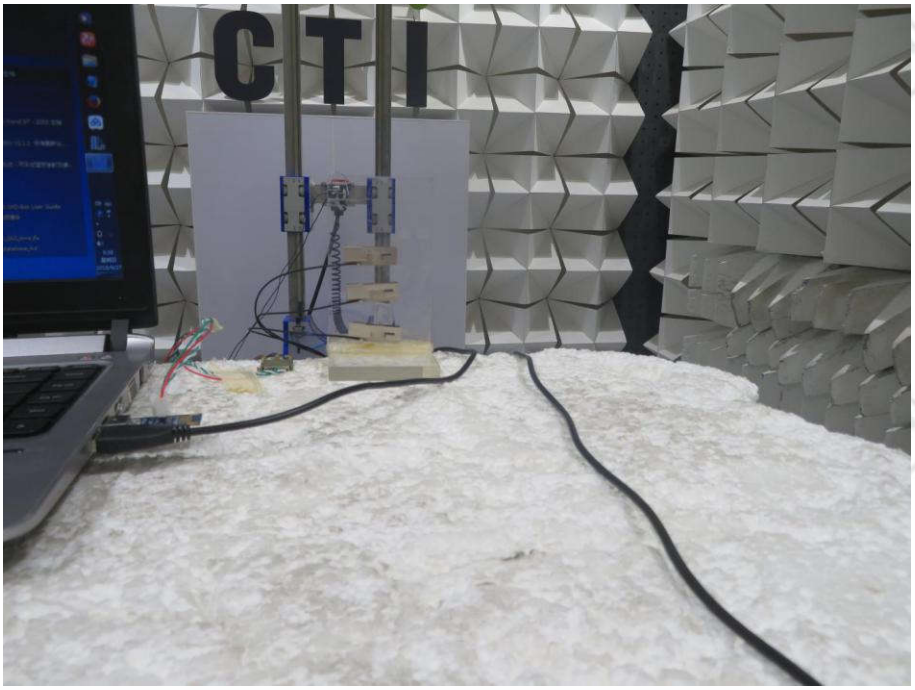
Radiated spurious emission Test Setup-1(Below 30MHz)



Radiated spurious emission Test Setup-2(30MHz-1GHz)

Radiated spurious emission Test Setup-3(1GHz- 18GHz)

Radiated spurious emission Test Setup-4(Above 18GHz)



Radiated spurious emission Test Setup-5(Close-up)

Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No.EED32K00249901 for EUT external and internal photos.

*** End of Report ***