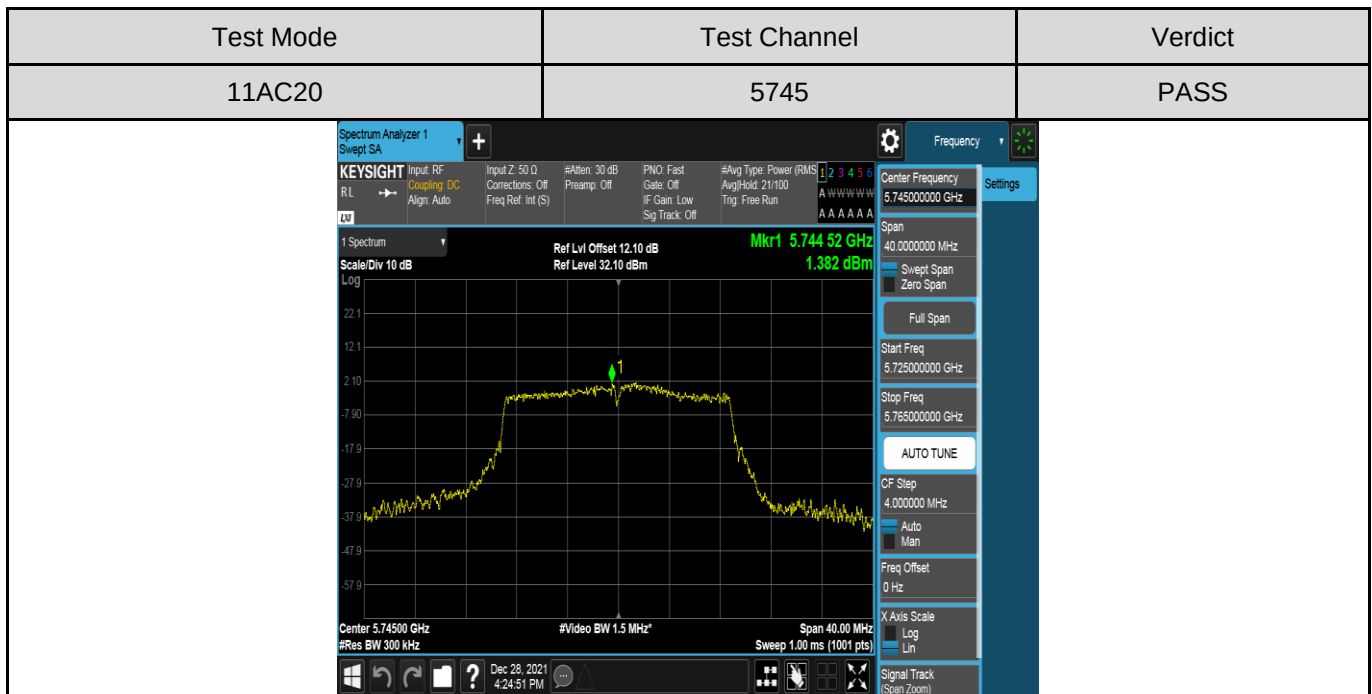
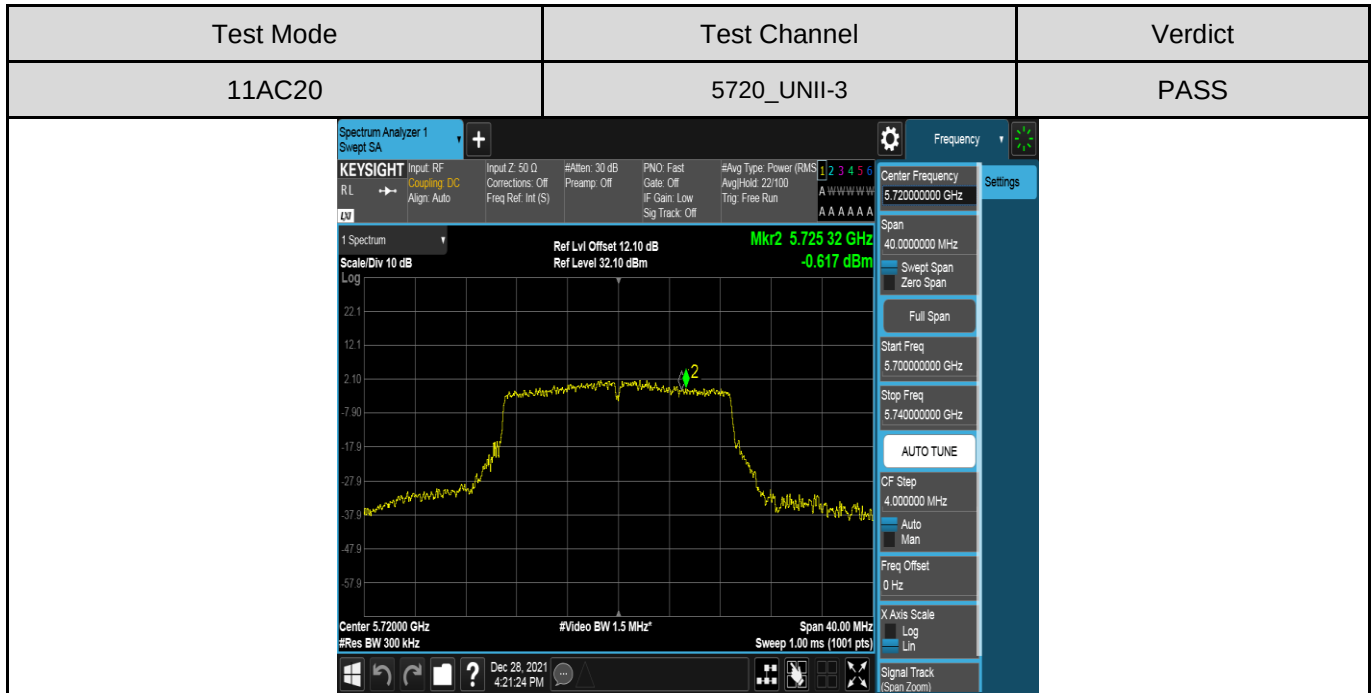
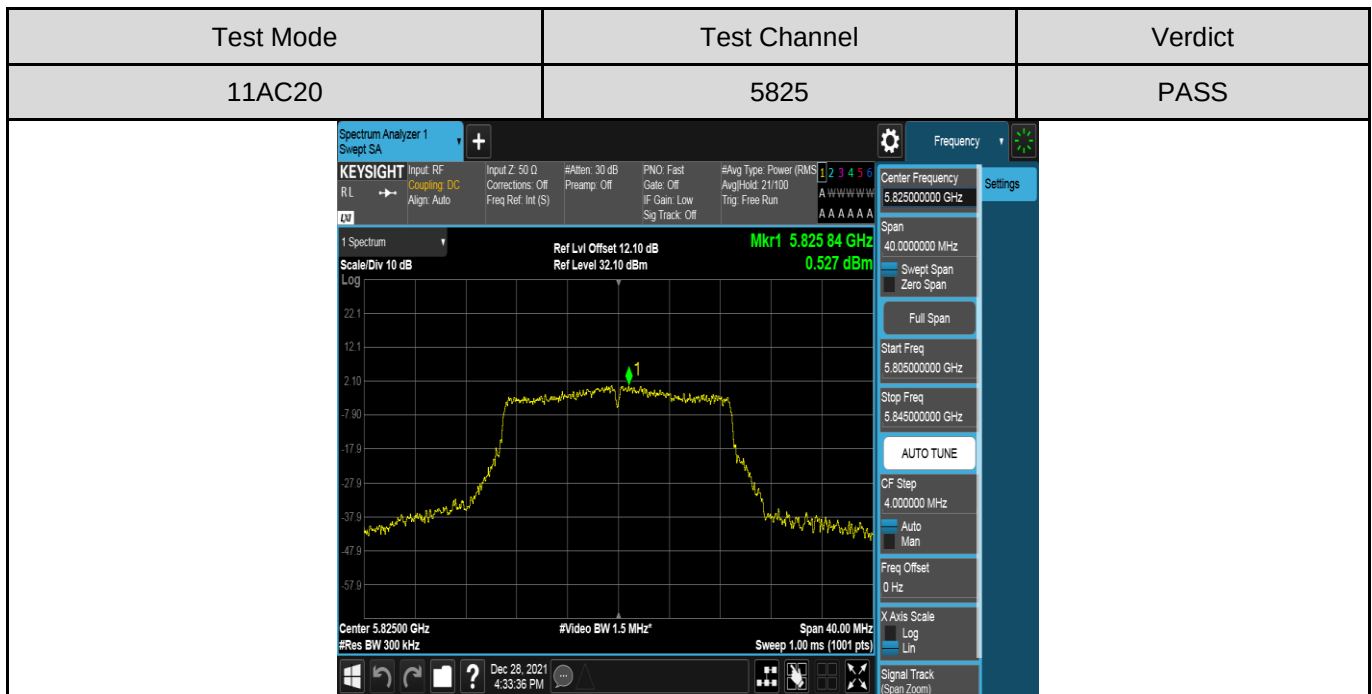
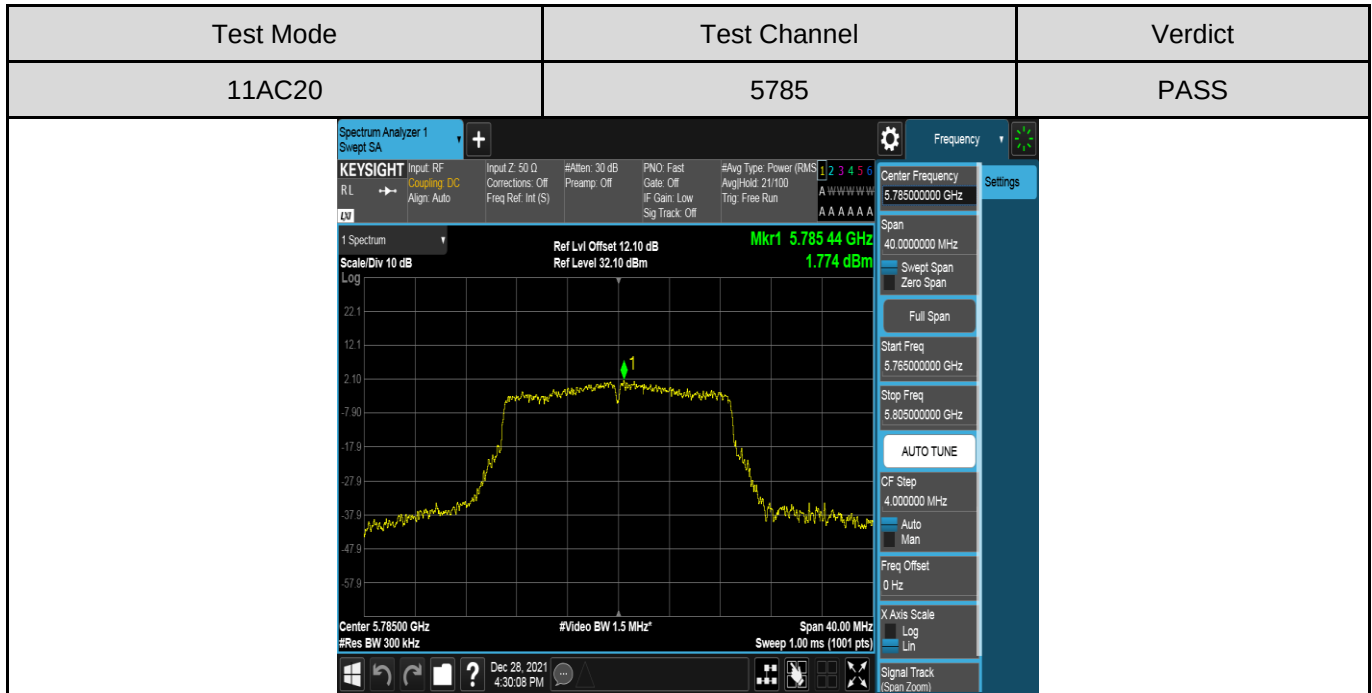


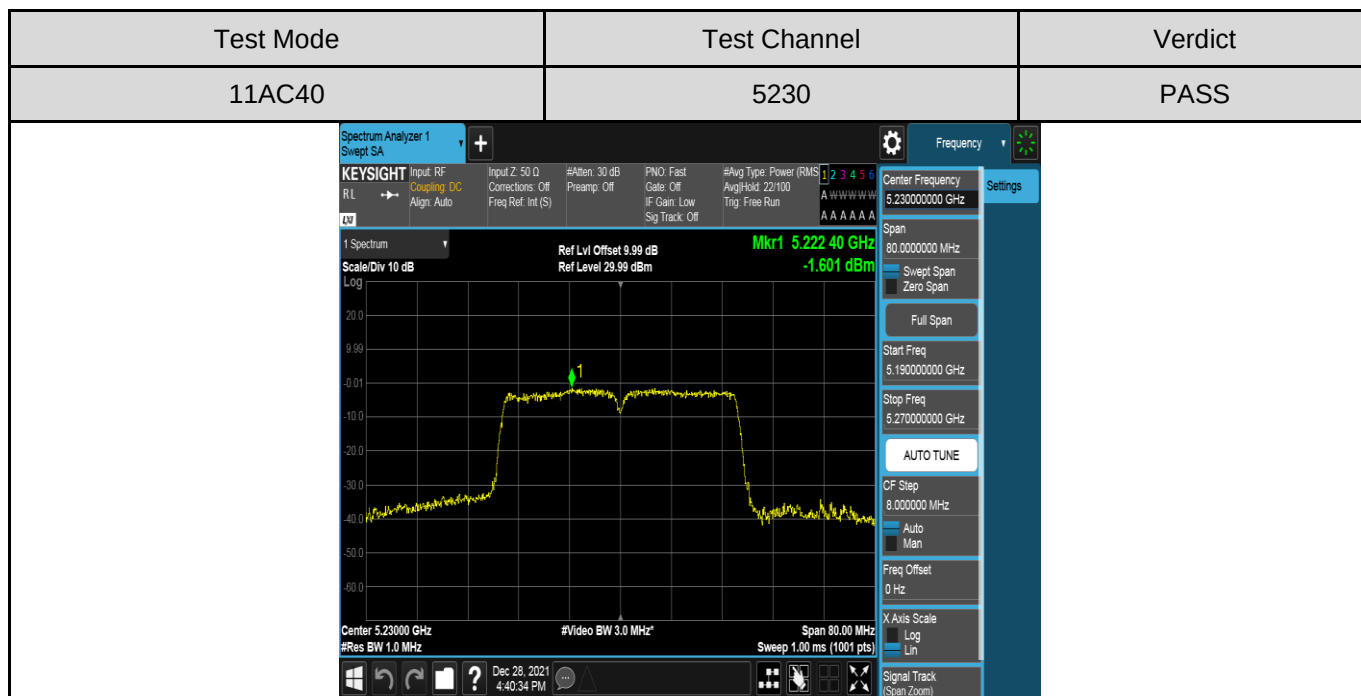
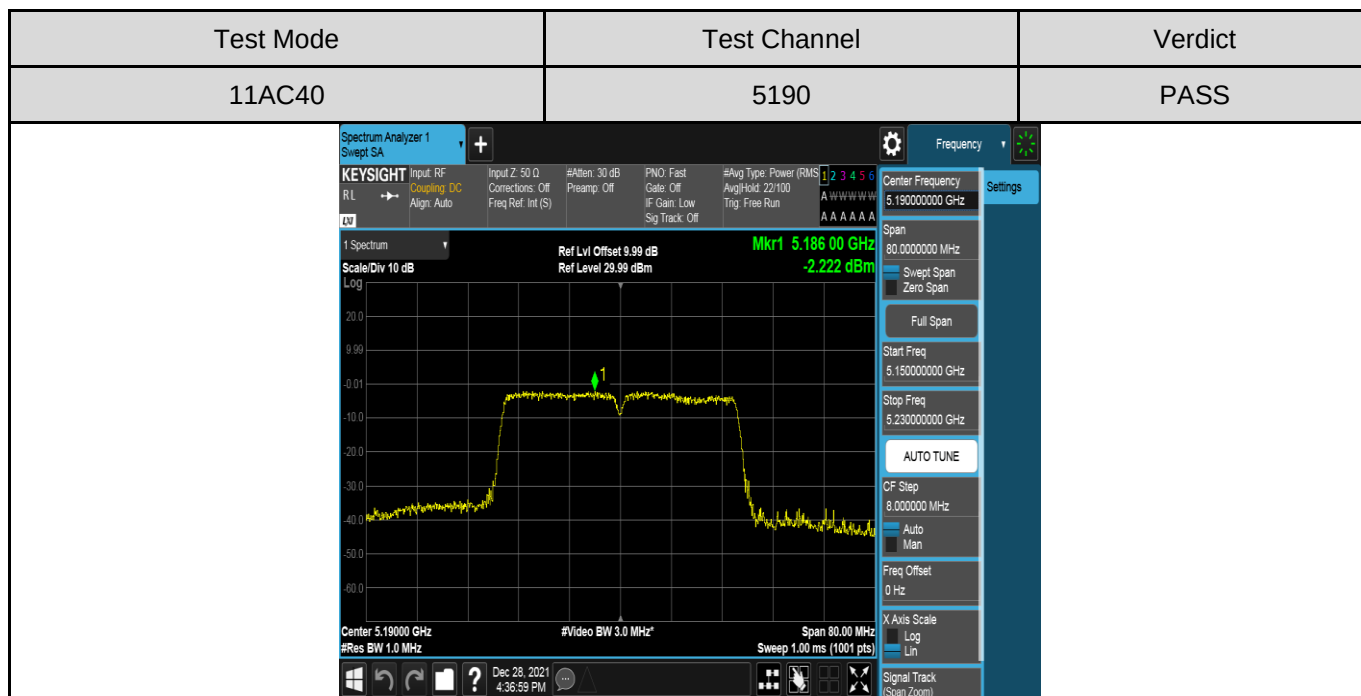


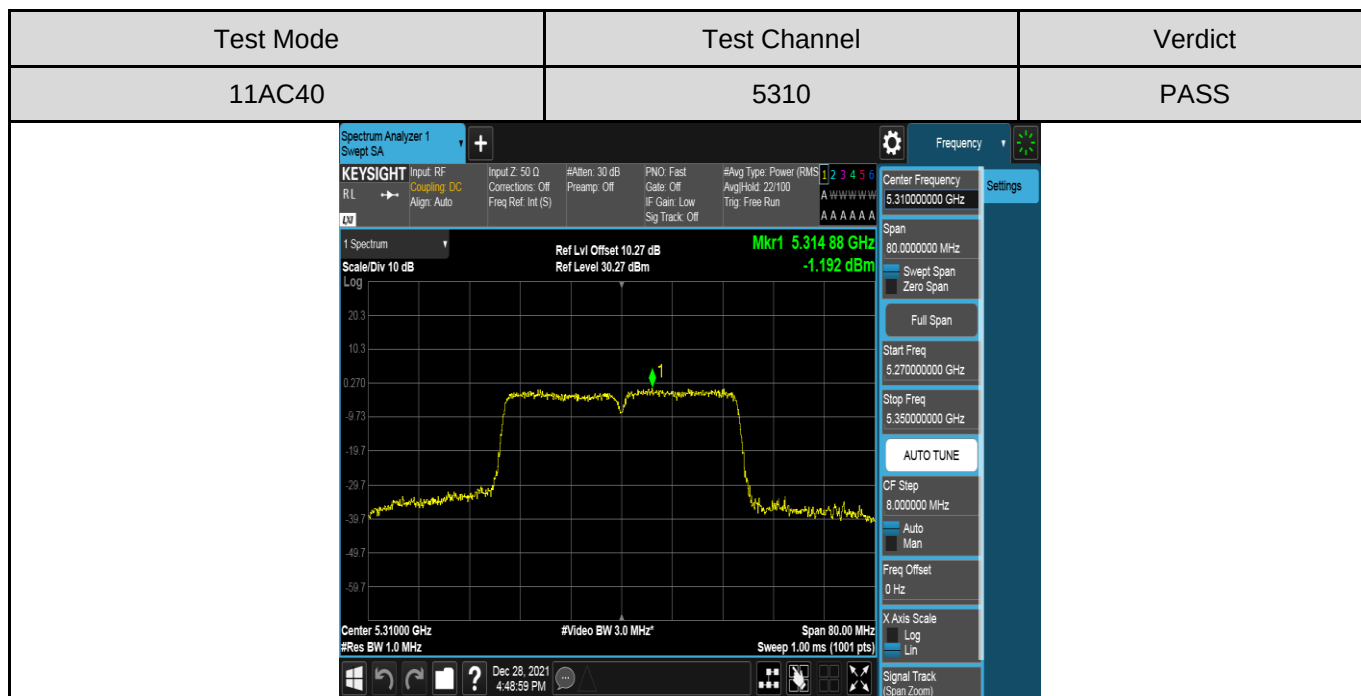
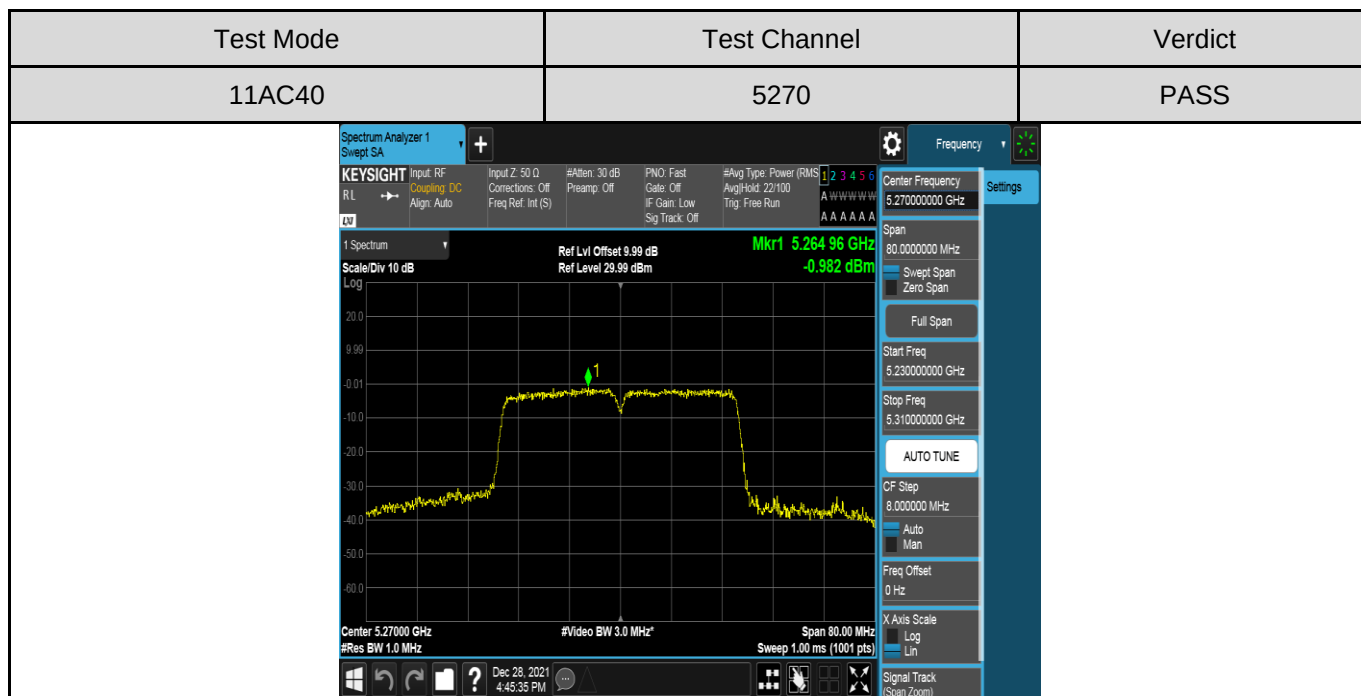
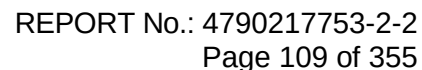
Test Mode	Test Channel	Verdict
11AC20	5700	PASS
		

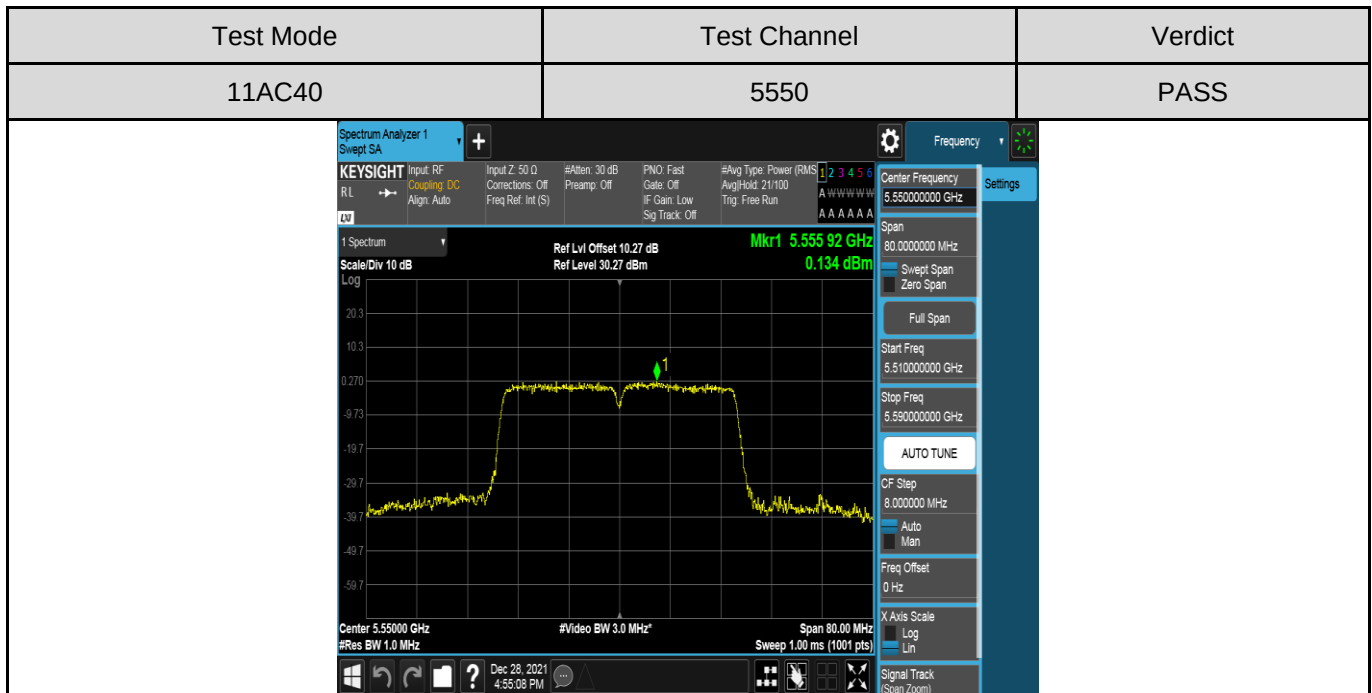
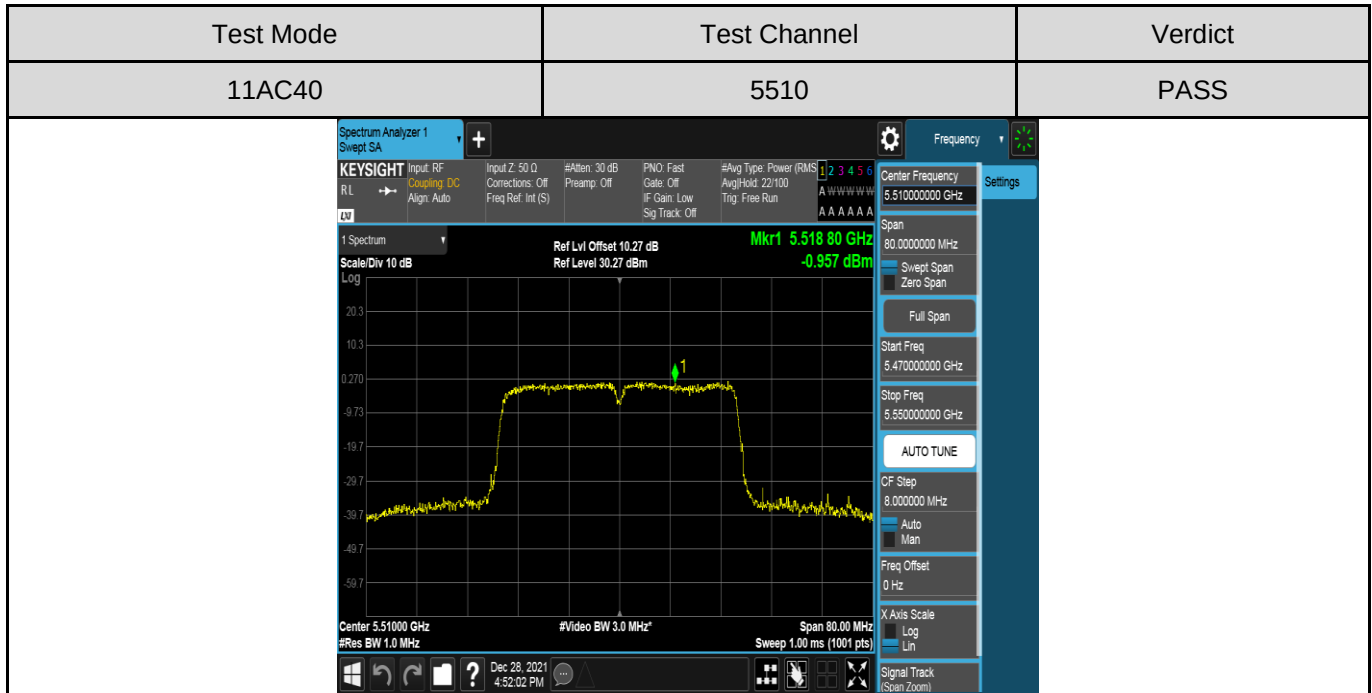
Test Mode	Test Channel	Verdict
11AC20	5720_UNII-2C	PASS
		

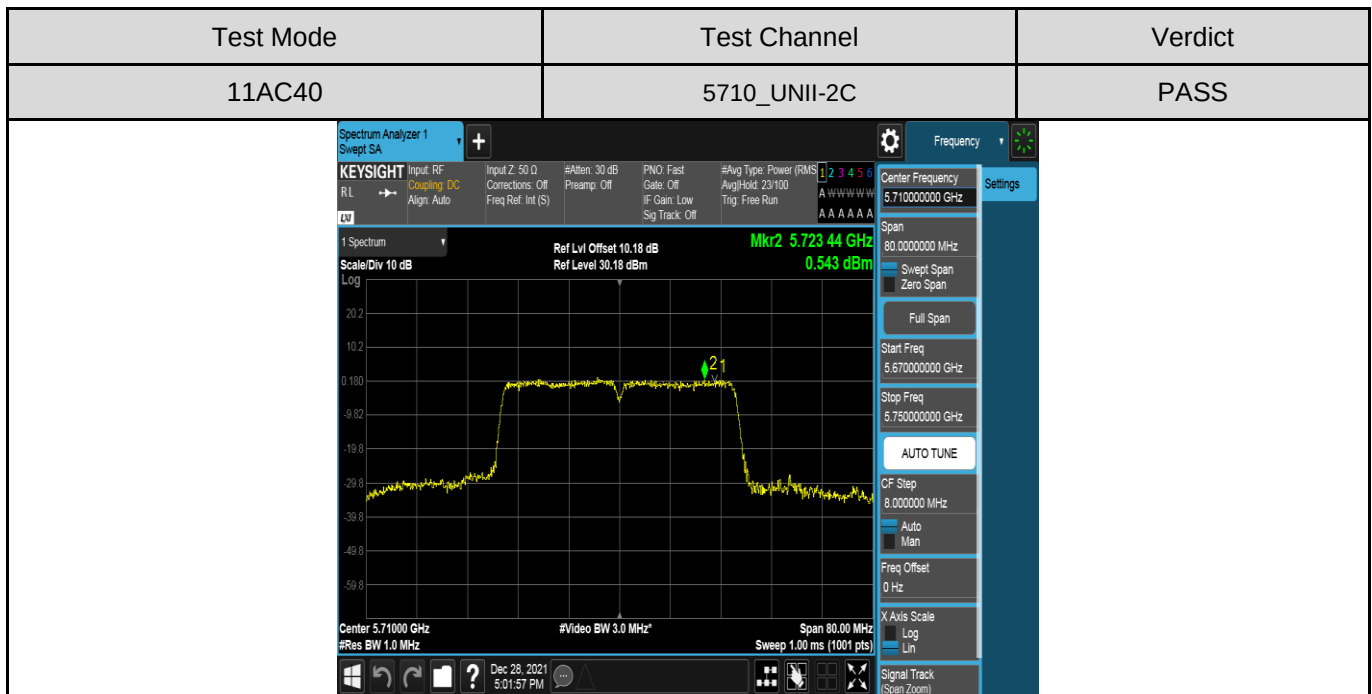
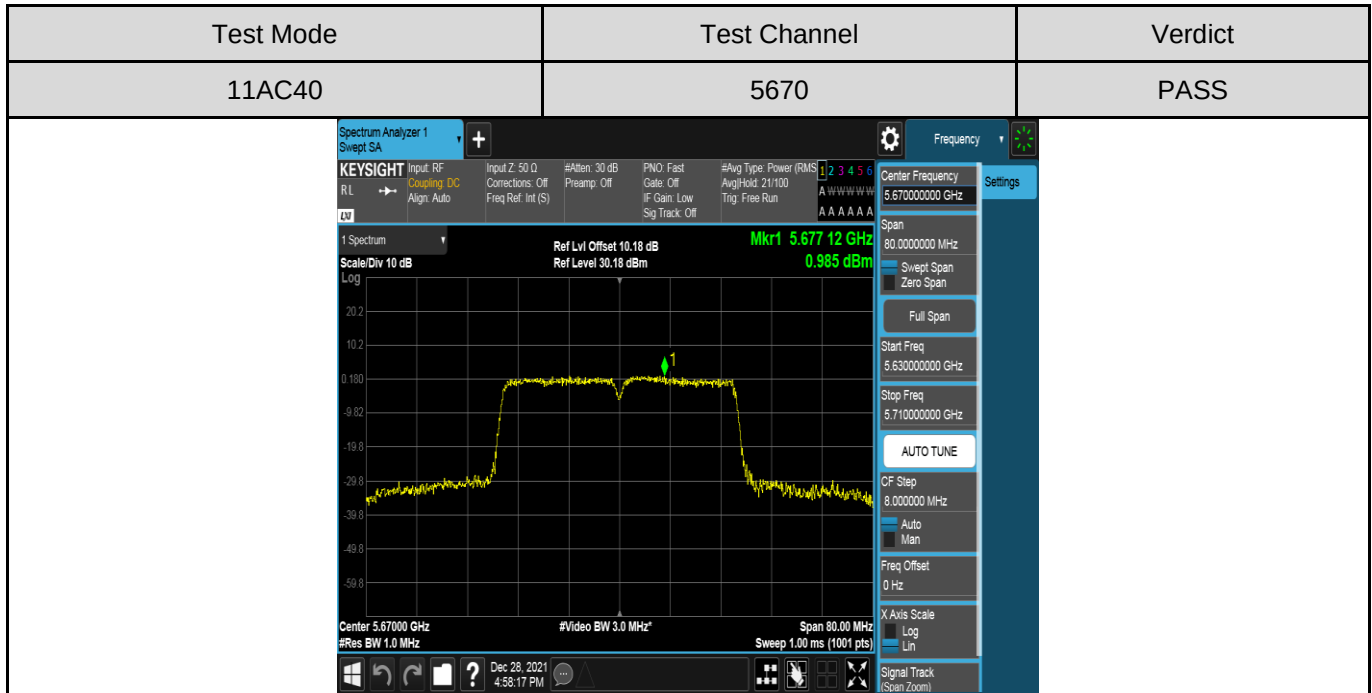


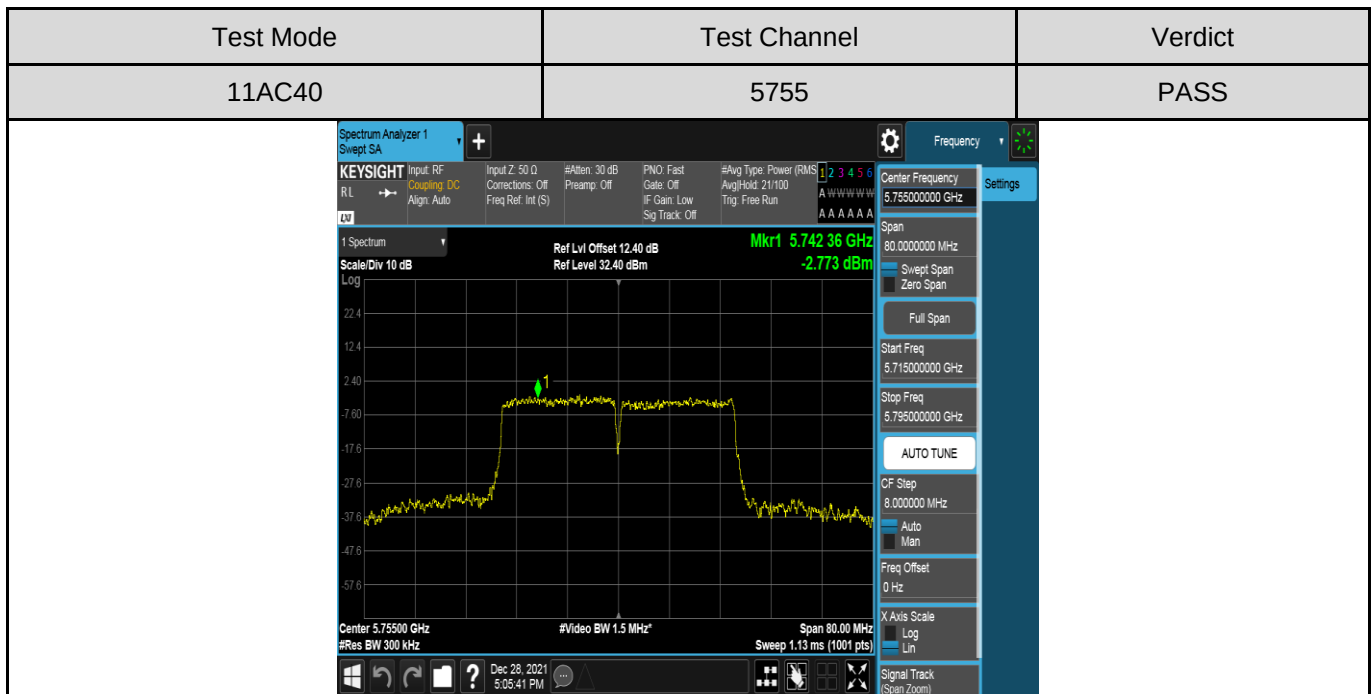
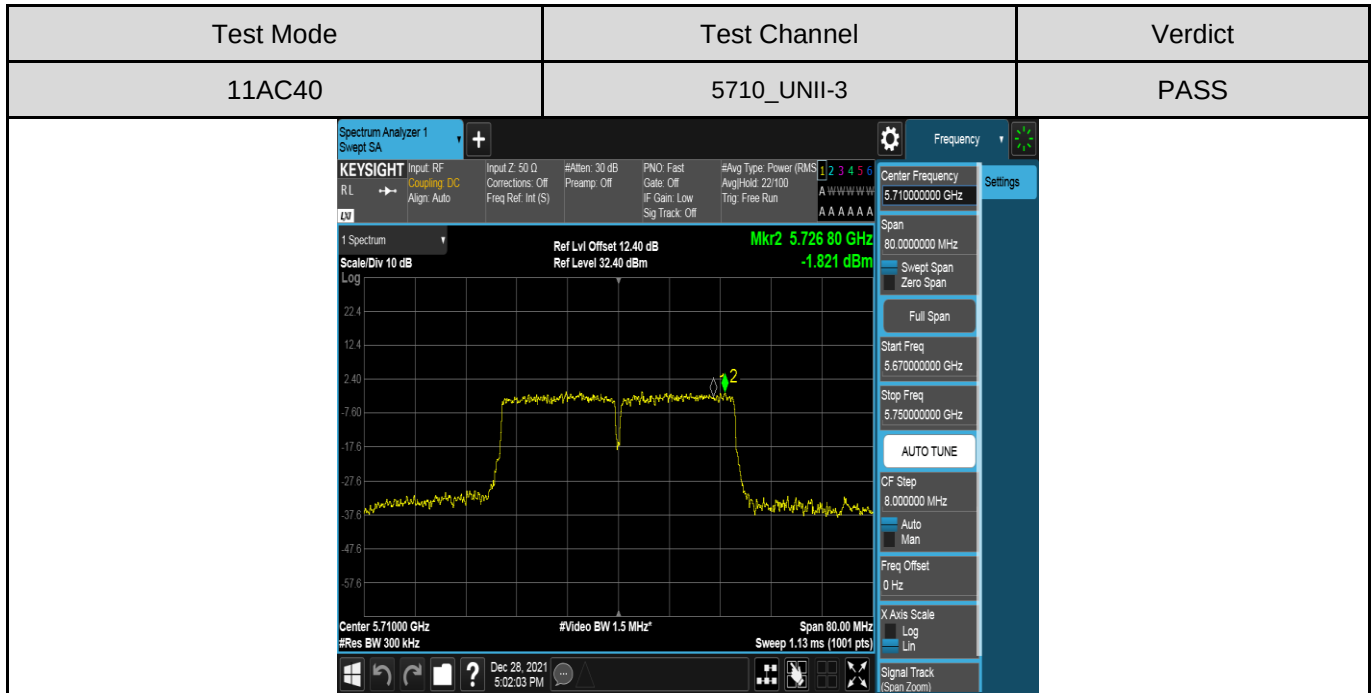


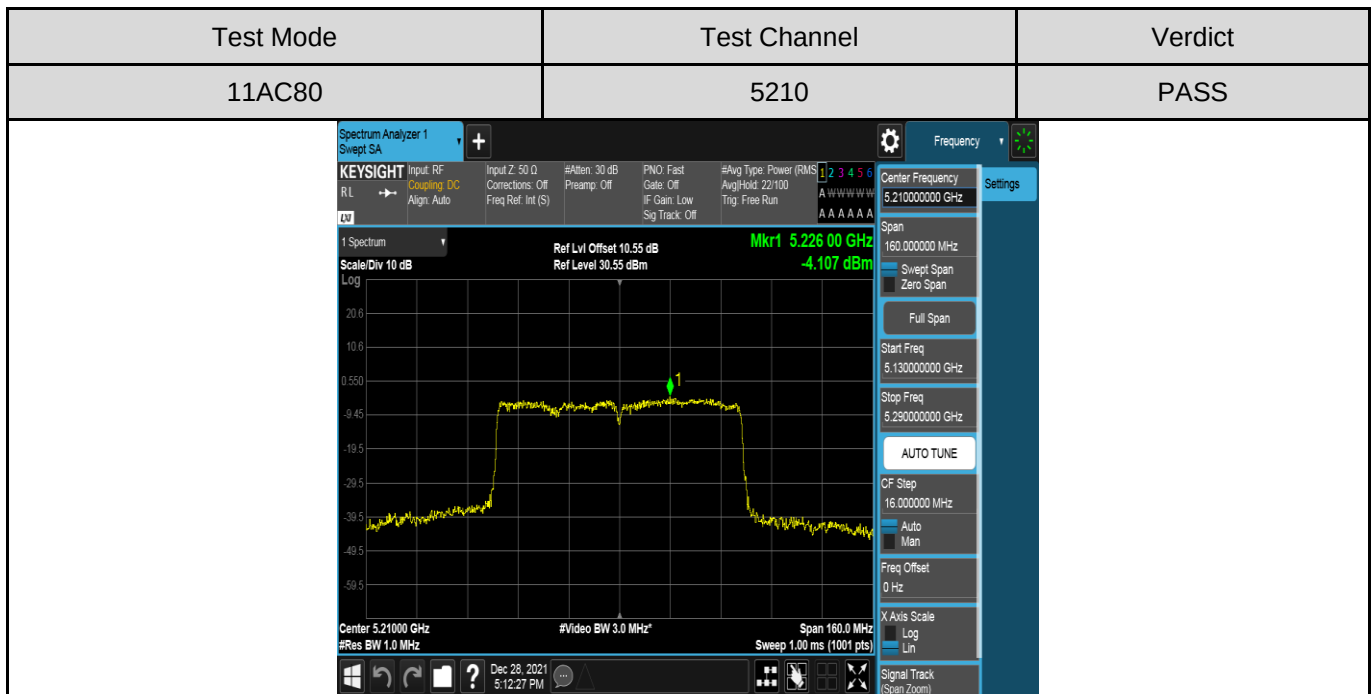
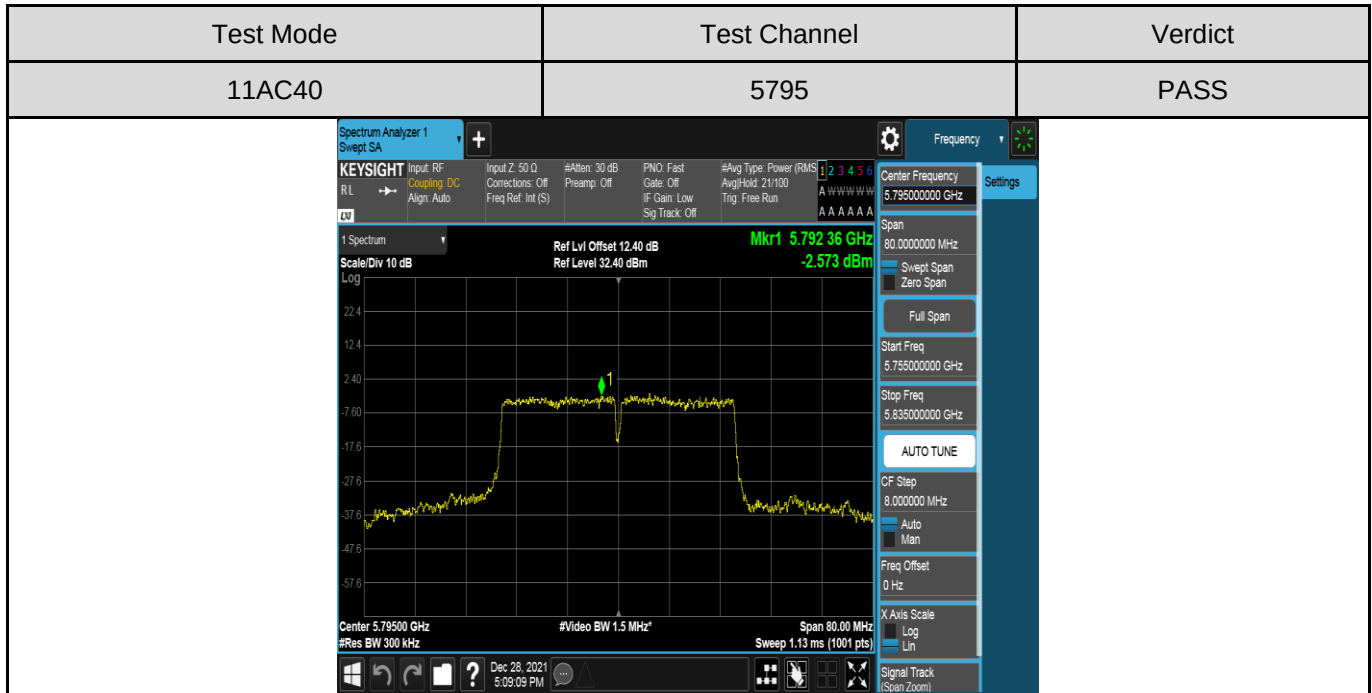


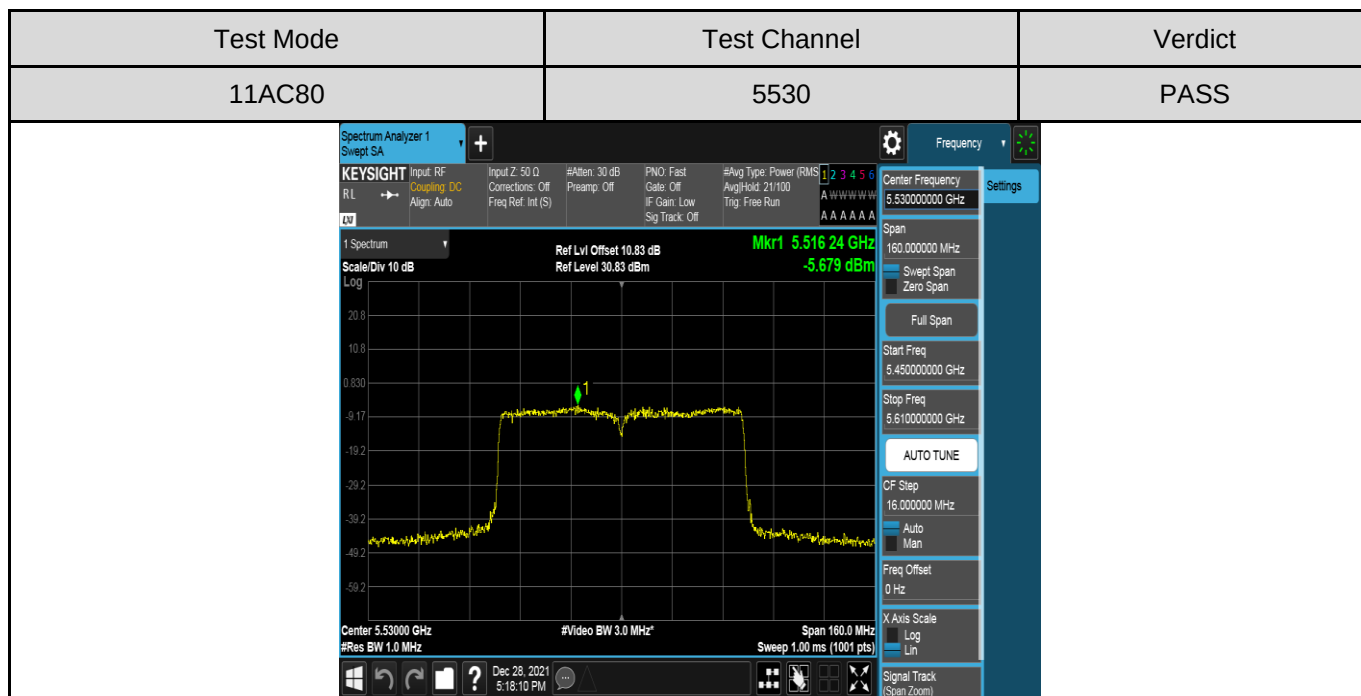
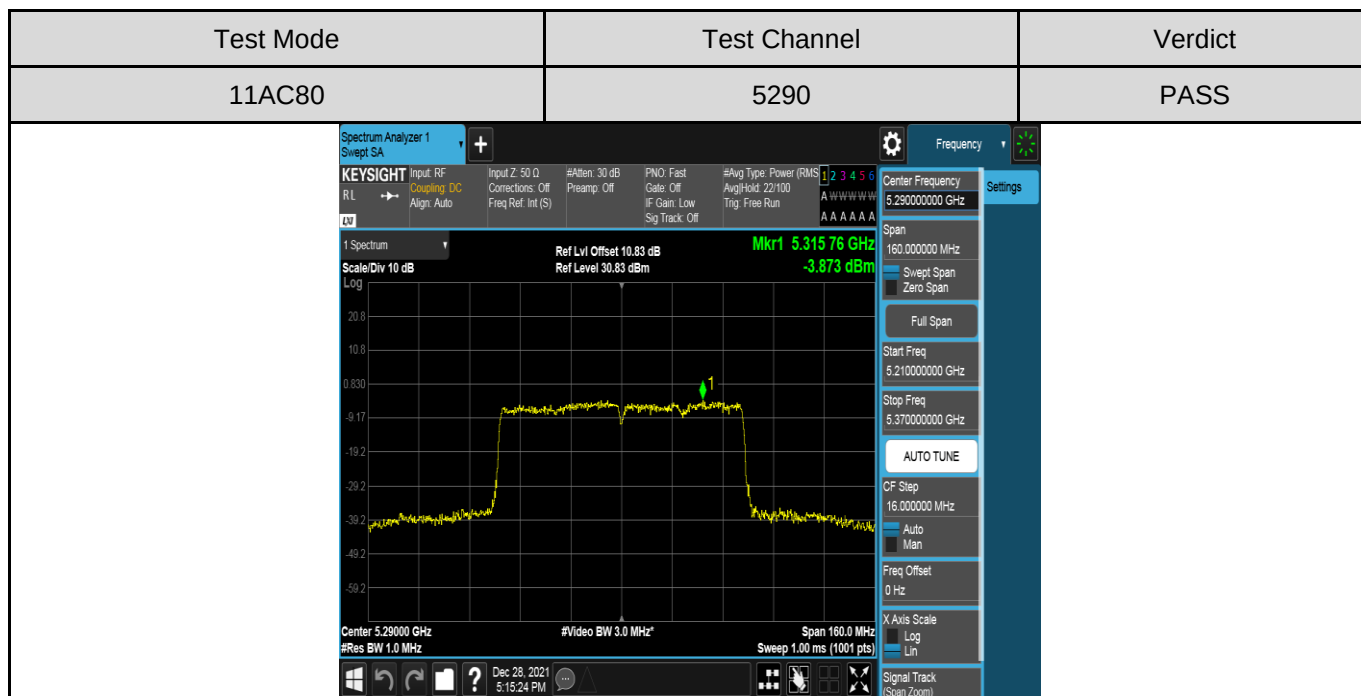
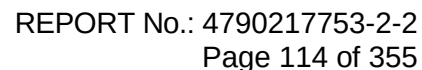




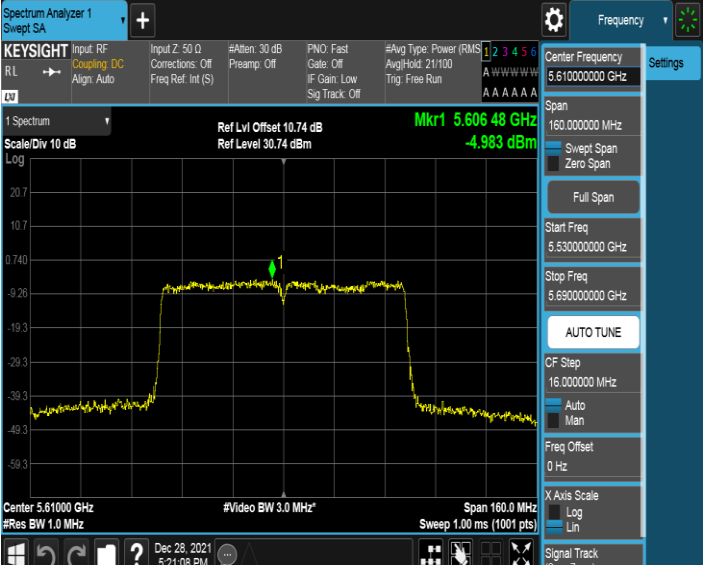


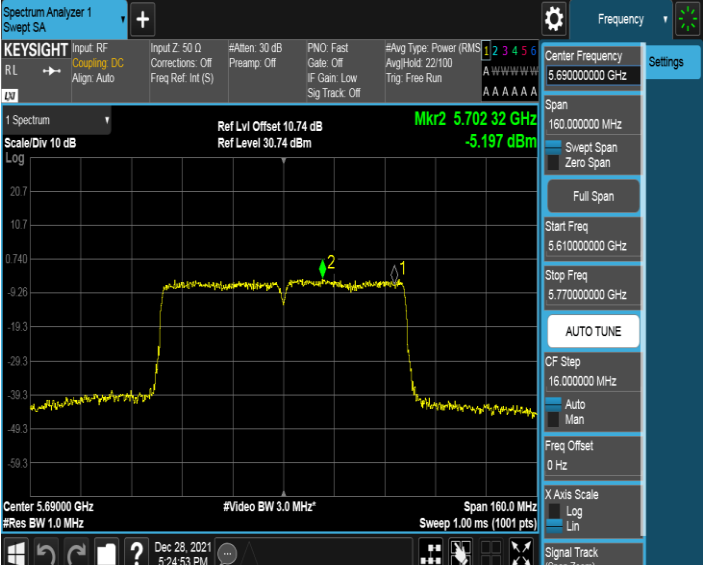


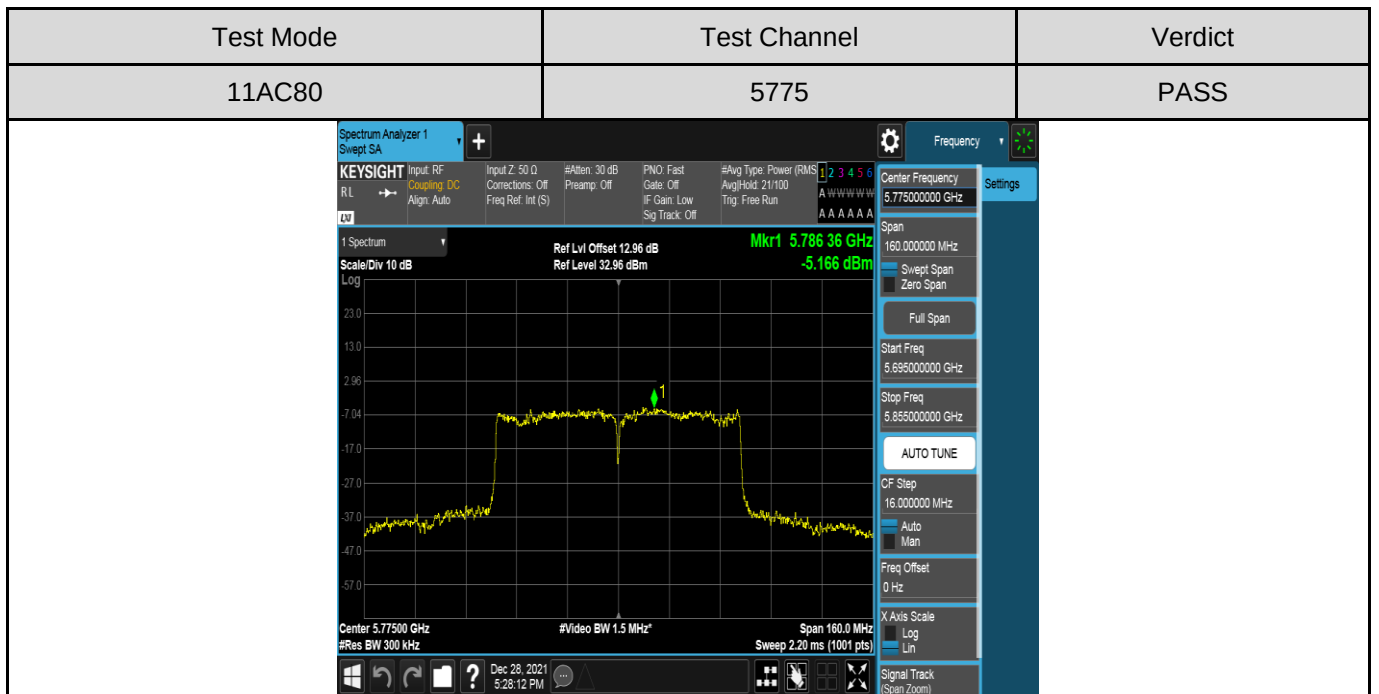
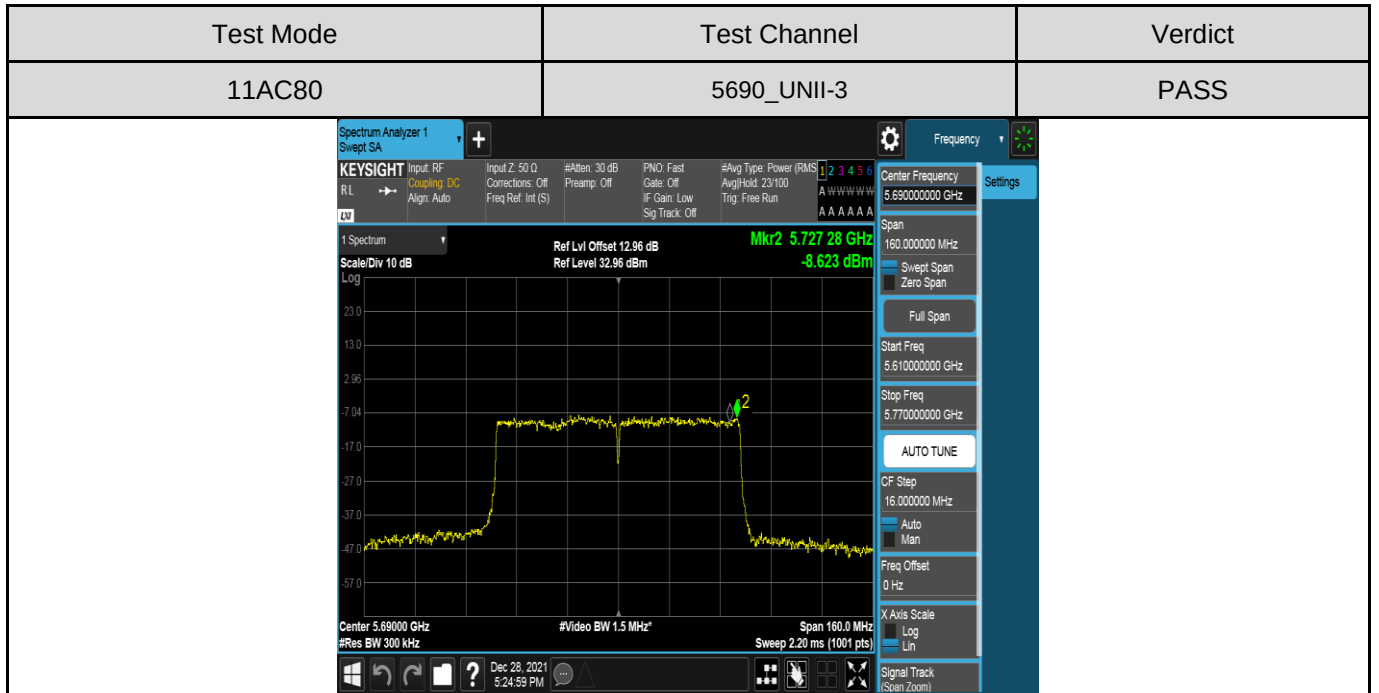






Test Mode	Test Channel	Verdict
11AC80	5610	PASS
		

Test Mode	Test Channel	Verdict
11AC80	5690_UNII-2C	PASS
		





7. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b).

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30



FCC Restricted bands of operation refer to FCC §15.205 (a):

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

Note: ¹Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

²Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b).

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz)	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK: -27 (dBm/MHz)	PK: 68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK: -27 (dBm/MHz) *1 PK: 10 (dBm/MHz) *2 PK: 15.6 (dBm/MHz) *3 PK: 27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK: 105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK: 122.2 (dBμV/m) *4

Note:

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

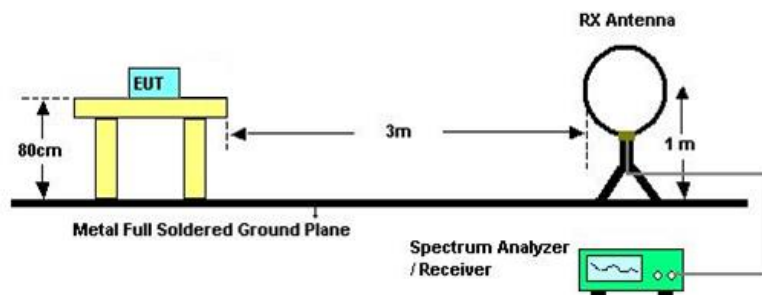
*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.

*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 SETUP AND PROCEDURE

Below 30 MHz

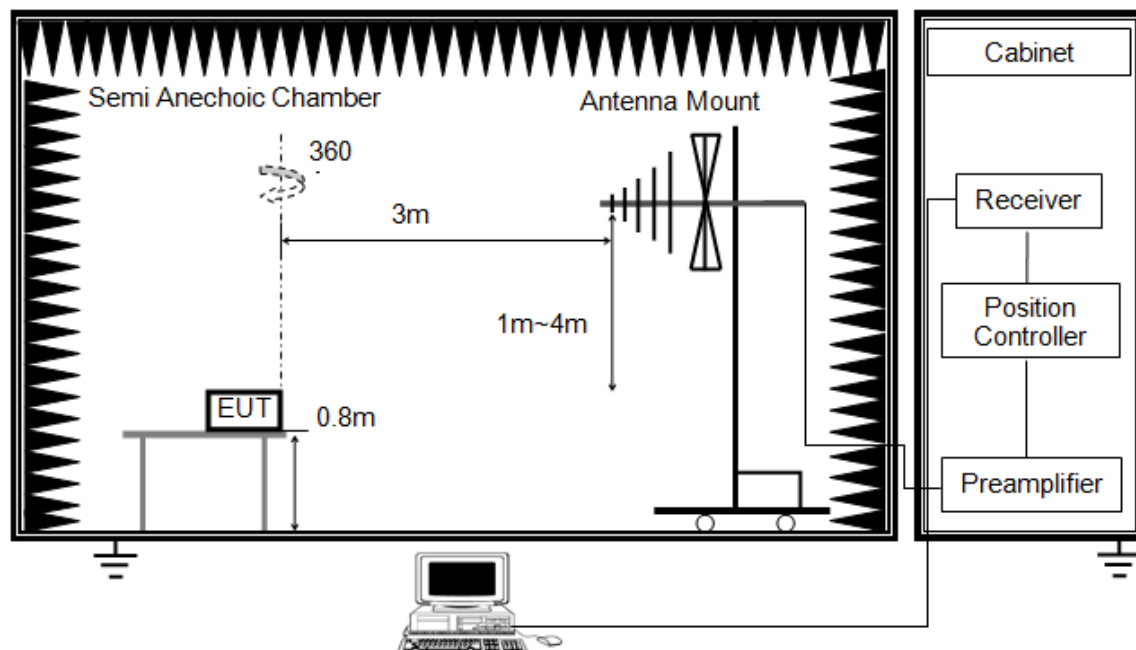


The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 clause 11.11.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω . For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to $Y-51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

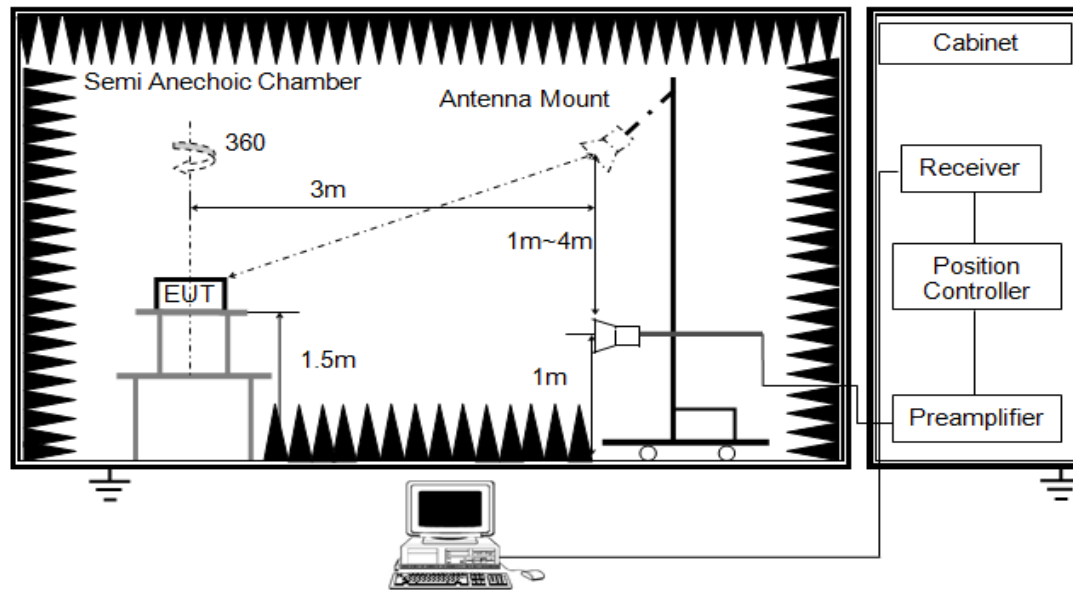


The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 clause 11.11.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1G

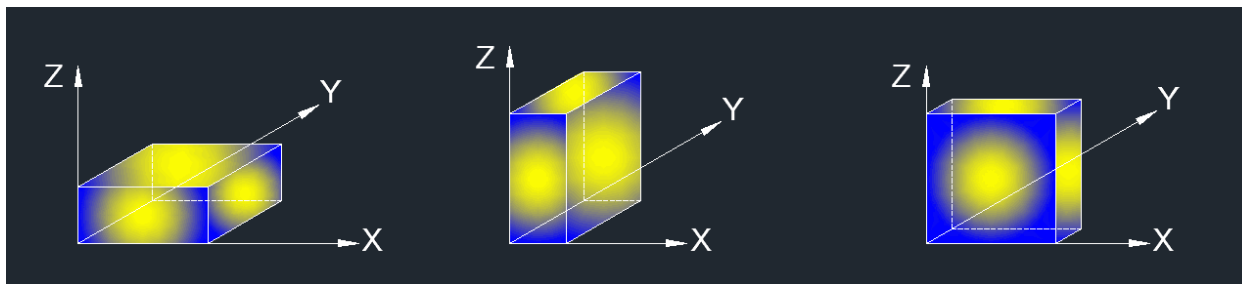


The setting of the spectrum analyzer

RBW	1MHz
VBW	PEAK: 3MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the Antenna 1re set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector. For the Duty Cycle please refer to clause 6.2. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Remark: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (Z axis) data recorded in the report.



7.1. RESTRICTED BANDEDGE

TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests
Relative Humidity	51.3%
Atmospheric Pressure:	103kPa
Temperature	19.8°C



TEST RESULT TABLE

Test Mode	Antenna	Channel	Puw(dBm)	Verdict
11A	Ant1	5180	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5745	<Limit	PASS
		5825	<Limit	PASS
11AC20MIMO	Ant1+2	5180	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5745	<Limit	PASS
		5825	<Limit	PASS
11AC40MIMO	Ant1+2	5190	<Limit	PASS
		5310	<Limit	PASS
		5510	<Limit	PASS
		5755	<Limit	PASS
		5795	<Limit	PASS
11AC80MIMO	Ant1+2	5210	<Limit	PASS
		5290	<Limit	PASS
		5530	<Limit	PASS
		5775	<Limit	PASS

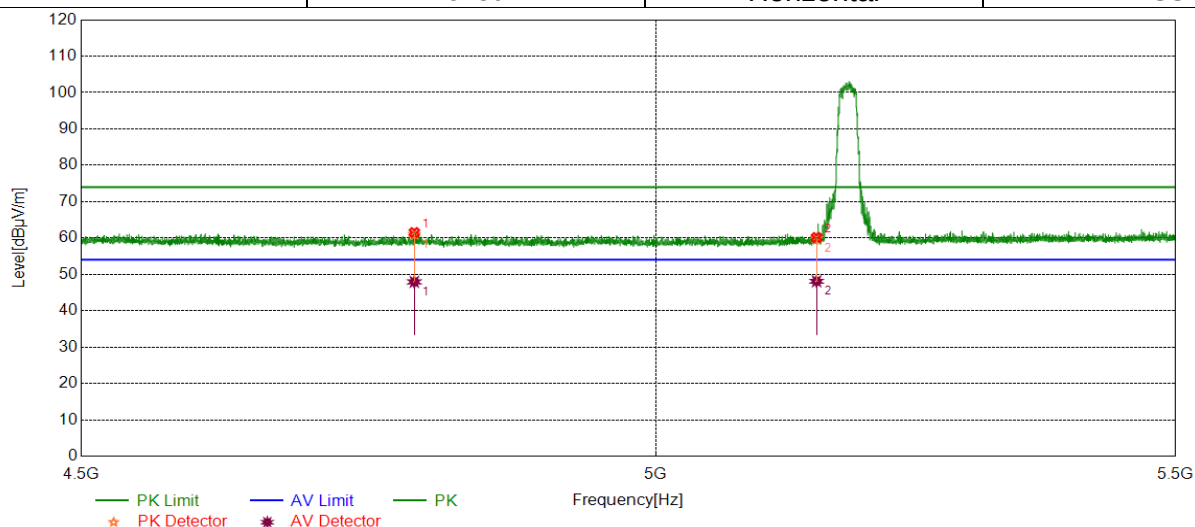
Remark:

- 1) Since 802.11ac VHT20/VHT40 modes are different from 802.11n HT20/HT40 only in control messages, so all the tests are performed on the worst case (802.11ac VHT20/802.11ac VHT40) mode between these 4 modes and only the worst data was recorded in this report.
- 2) For 802.11a mode, both of antenna 1 and antenna 2 are tested, but only the data of worse case is included in this report



TEST GRAPHS:

Test Mode	Channel	Polarization	Verdict
11A	5180	Horizontal	PASS

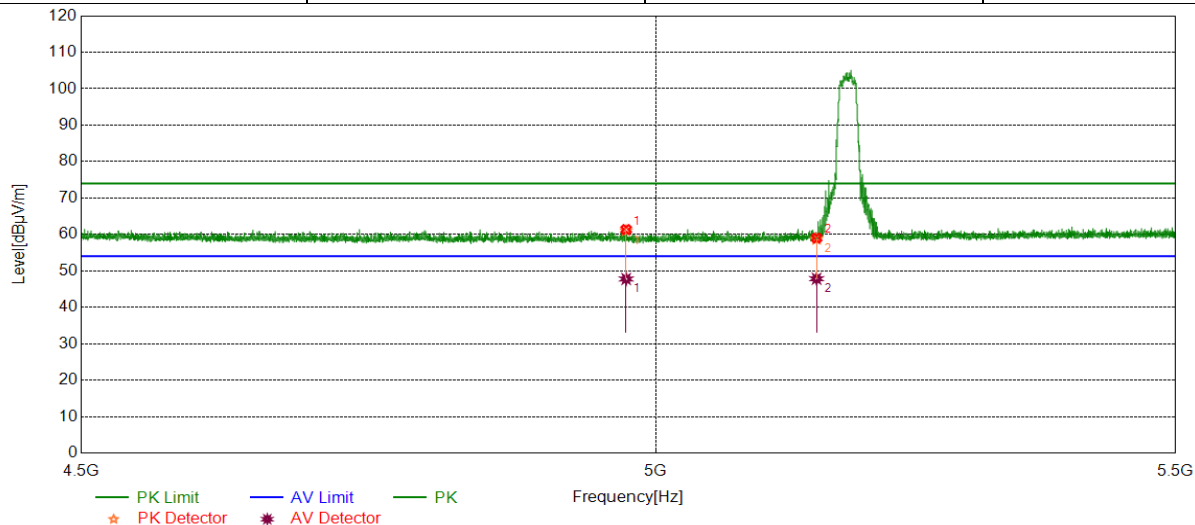


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4783.5284	41.72	19.79	61.51	74.00	-12.49	peak
		28.14	19.79	47.93	54.00	-6.07	average
2	5150.0000	40.23	19.91	60.14	74.00	-13.86	peak
		28.19	19.91	48.10	54.00	-5.90	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5180	Vertical	PASS

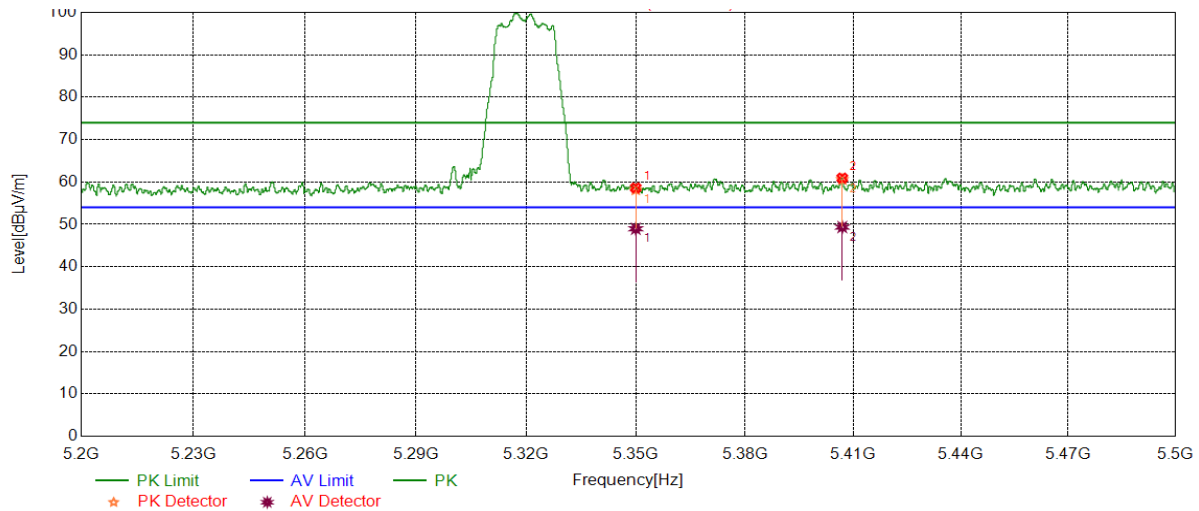


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4973.1473	41.44	19.92	61.36	74.00	-12.64	peak
		27.85	19.92	47.77	54.00	-6.23	average
2	5150.0000	39.12	19.91	59.03	74.00	-14.97	peak
		27.93	19.91	47.84	54.00	-6.16	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5320	Horizontal	PASS

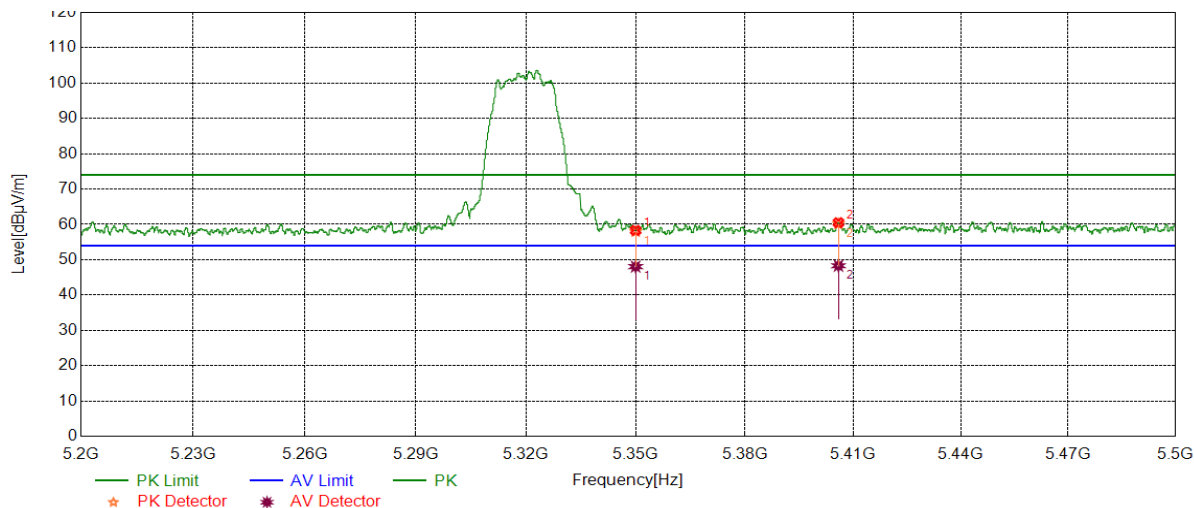


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.91	20.70	58.61	74.00	-15.39	peak
		28.26	20.70	48.96	54.00	-5.04	average
2	5406.9607	39.90	21.02	60.92	74.00	-13.08	peak
		28.33	21.02	49.35	54.00	-4.65	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5320	Vertical	PASS

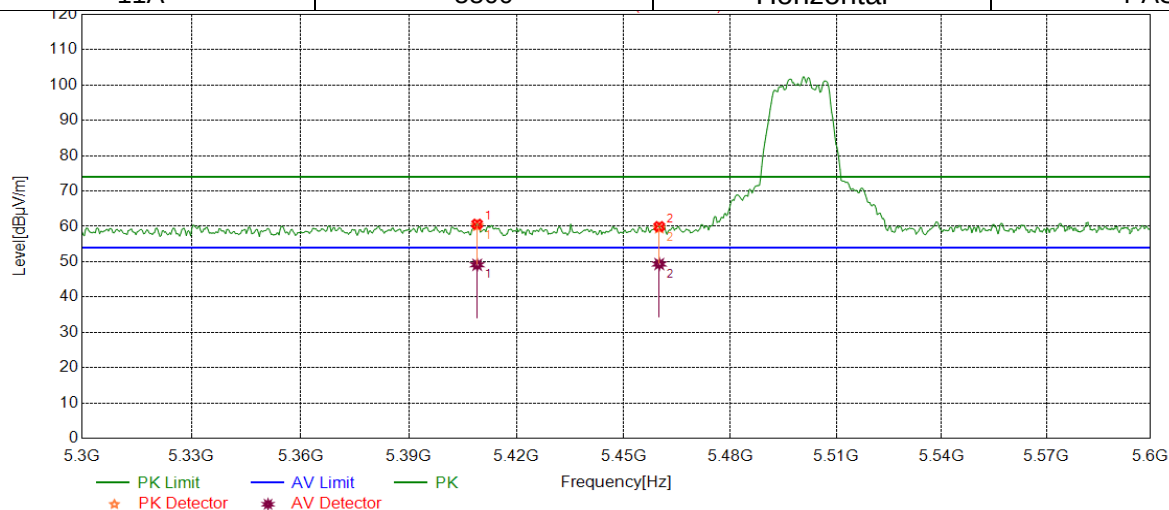


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	37.60	20.70	58.30	74.00	-15.70	peak
		27.34	20.70	48.04	54.00	-5.96	average
2	5405.9406	39.48	21.02	60.50	74.00	-13.50	peak
		27.27	21.02	48.29	54.00	-5.71	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5500	Horizontal	PASS

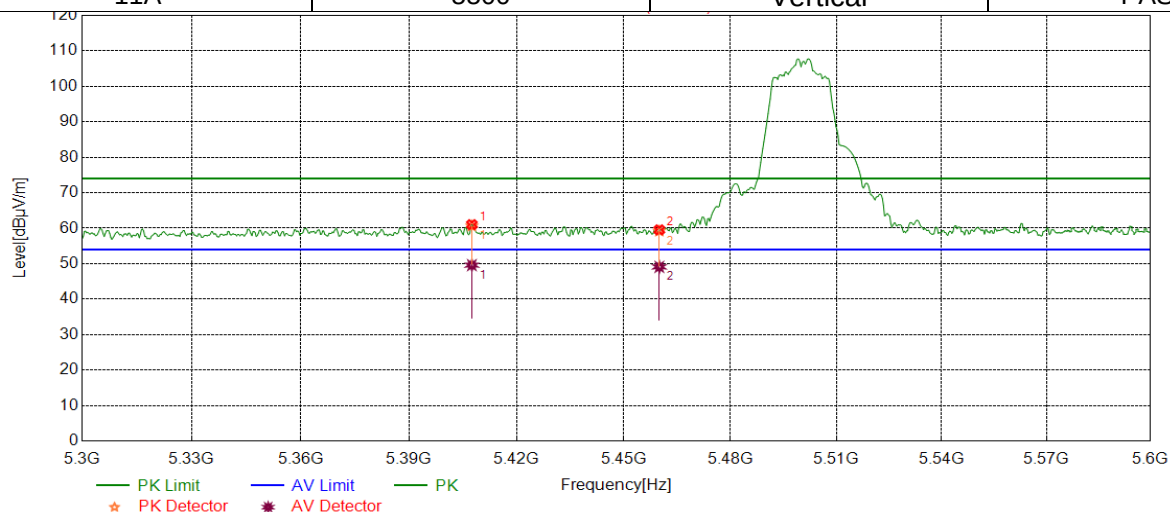


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5409.0090	39.63	21.01	60.64	74.00	-13.36	peak
		28.10	21.01	49.11	54.00	-4.89	average
2	5460.0000	38.92	21.03	59.95	74.00	-14.05	peak
		28.30	21.03	49.33	54.00	-4.67	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5500	Vertical	PASS

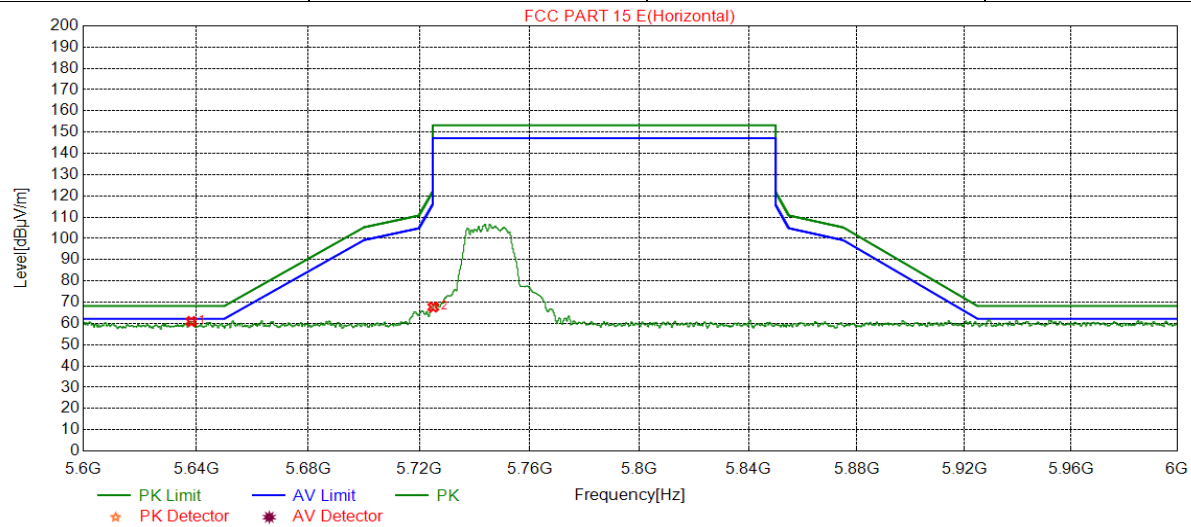


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5407.5075	40.00	21.02	61.02	74.00	-12.98	peak
		28.56	21.02	49.58	54.00	-4.42	average
2	5460.0000	38.51	21.03	59.54	74.00	-14.46	peak
		28.06	21.03	49.09	54.00	-4.91	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5745	Horizontal	PASS

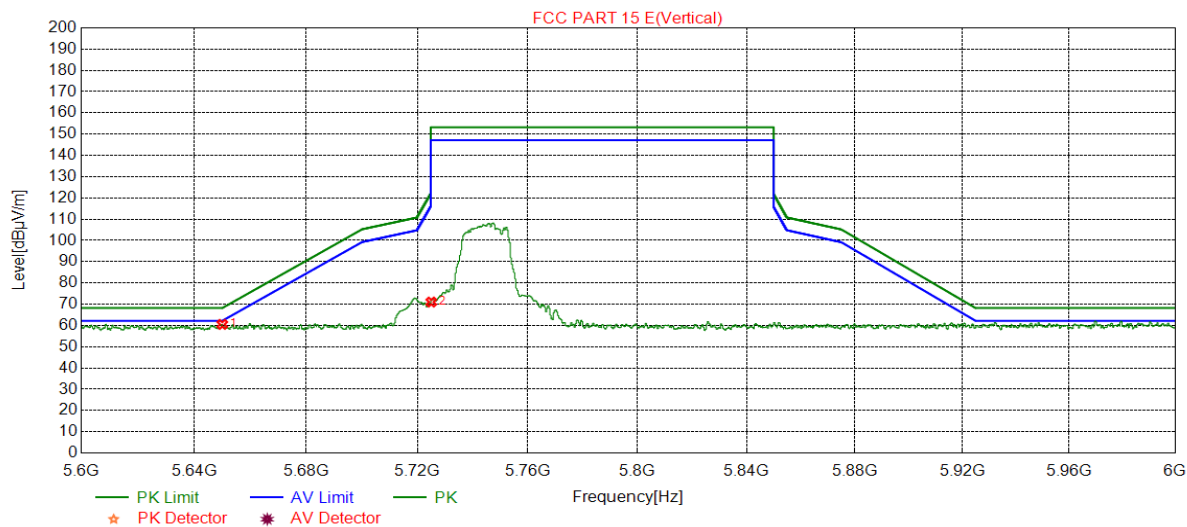


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5638.2838	39.44	21.49	60.93	68.20	-7.27	peak
2	5725.0000	46.10	21.62	67.72	122.20	-54.48	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5745	Vertical	PASS

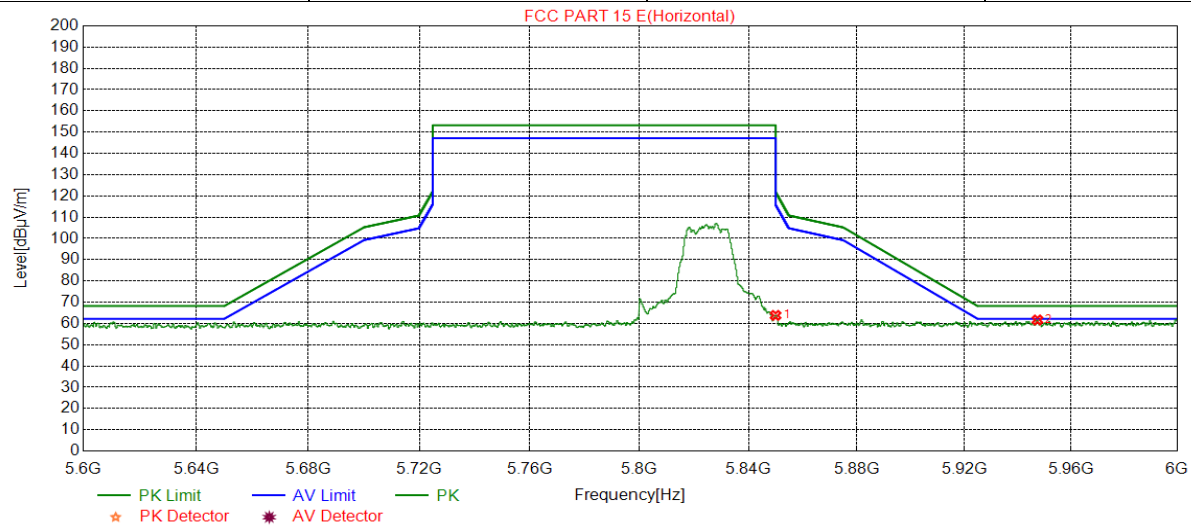


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	5650.0050	38.82	21.69	60.51	68.20	-7.69	peak
2	5725.0000	49.40	21.62	71.02	122.20	-51.18	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5825	Horizontal	PASS

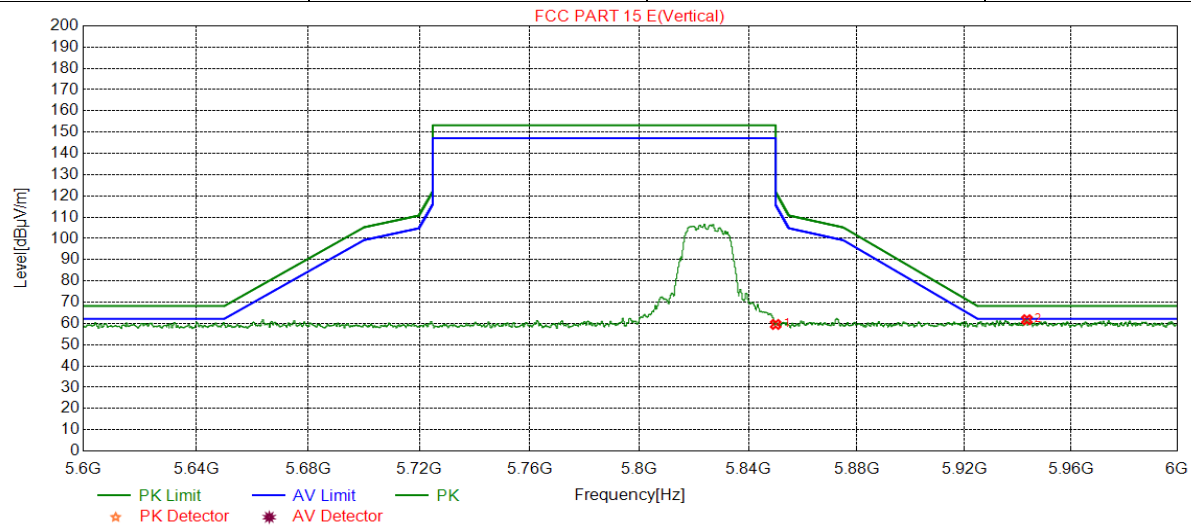


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	41.82	21.98	63.80	122.20	-58.40	peak
2	5947.4347	39.49	22.15	61.64	68.20	-6.56	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11A	5825	Vertical	PASS

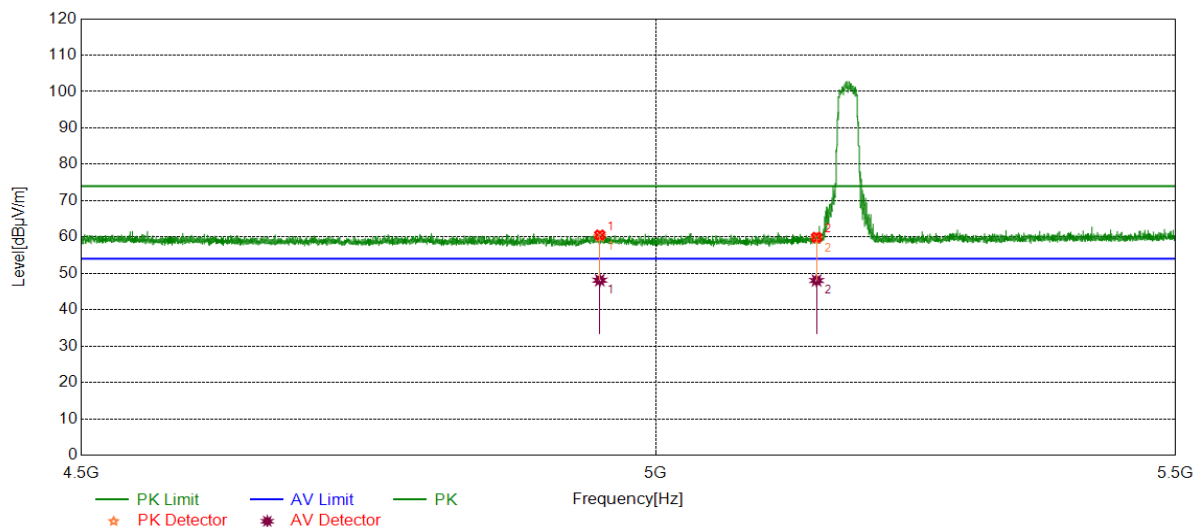


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	37.57	21.98	59.55	122.20	-62.65	peak
2	5943.5144	39.59	22.17	61.76	68.20	-6.44	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5180	Horizontal	PASS

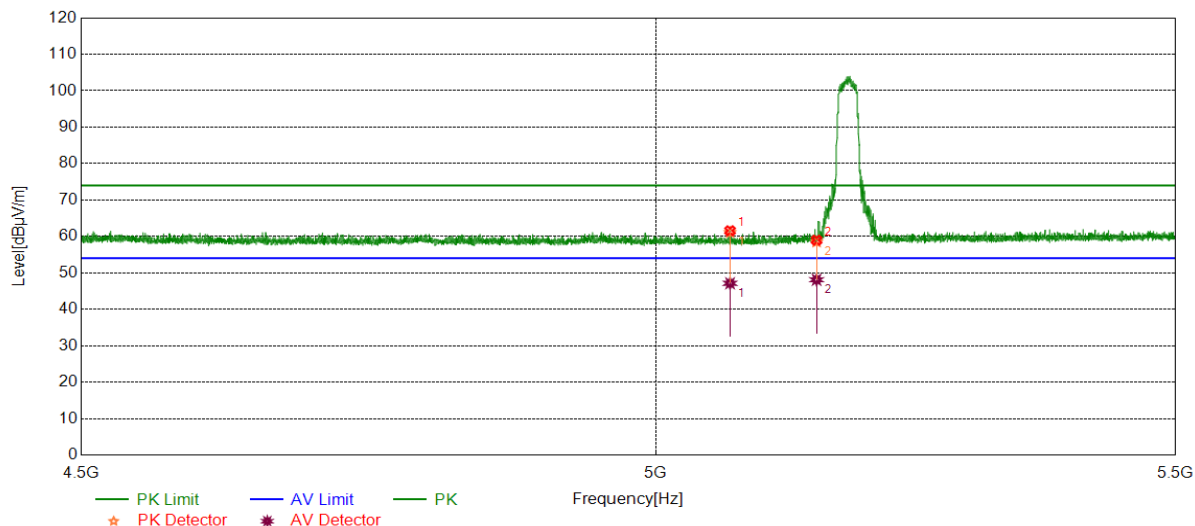


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4949.1449	40.33	20.23	60.56	74.00	-13.44	peak
		27.88	20.23	48.11	54.00	-5.89	average
2	5150.0000	40.01	19.91	59.92	74.00	-14.08	peak
		28.13	19.91	48.04	54.00	-5.96	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5180	Vertical	PASS

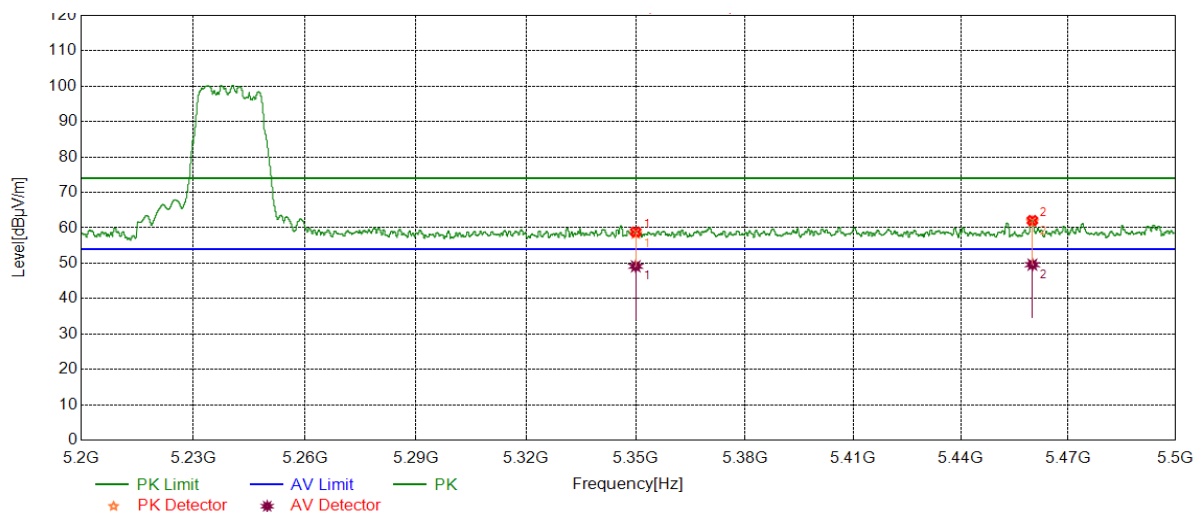


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5068.8569	41.85	19.72	61.57	74.00	-12.43	peak
		27.42	19.72	47.14	54.00	-6.86	average
2	5150.0000	39.07	19.91	58.98	74.00	-15.02	peak
		28.20	19.91	48.11	54.00	-5.89	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5320	Horizontal	PASS

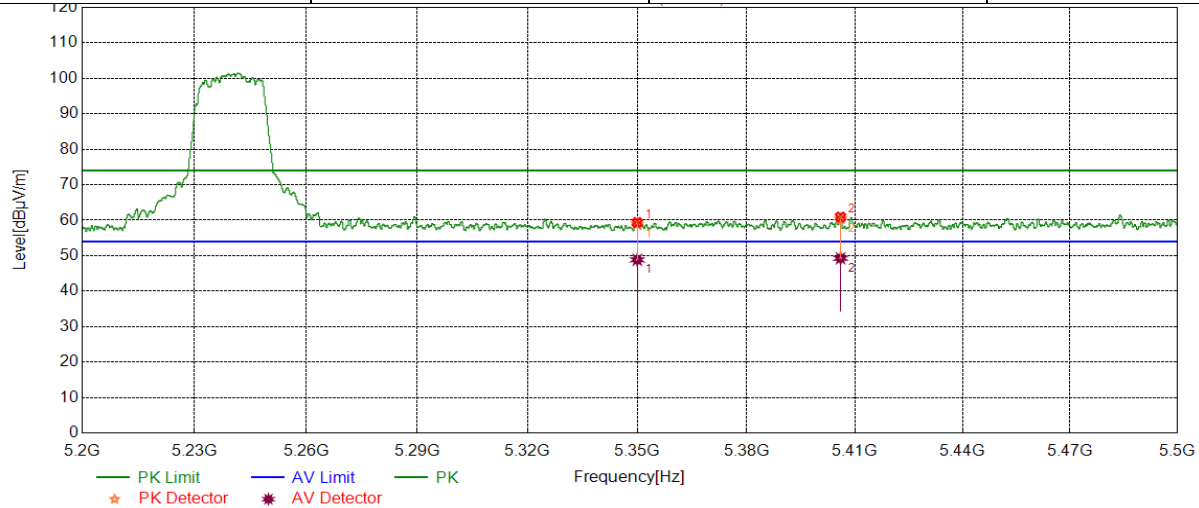


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	38.13	20.70	58.83	74.00	-15.17	peak
		28.42	20.70	49.12	54.00	-4.88	average
2	5459.9460	41.04	21.03	62.07	74.00	-11.93	peak
		28.55	21.03	49.58	54.00	-4.42	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5320	Vertical	PASS

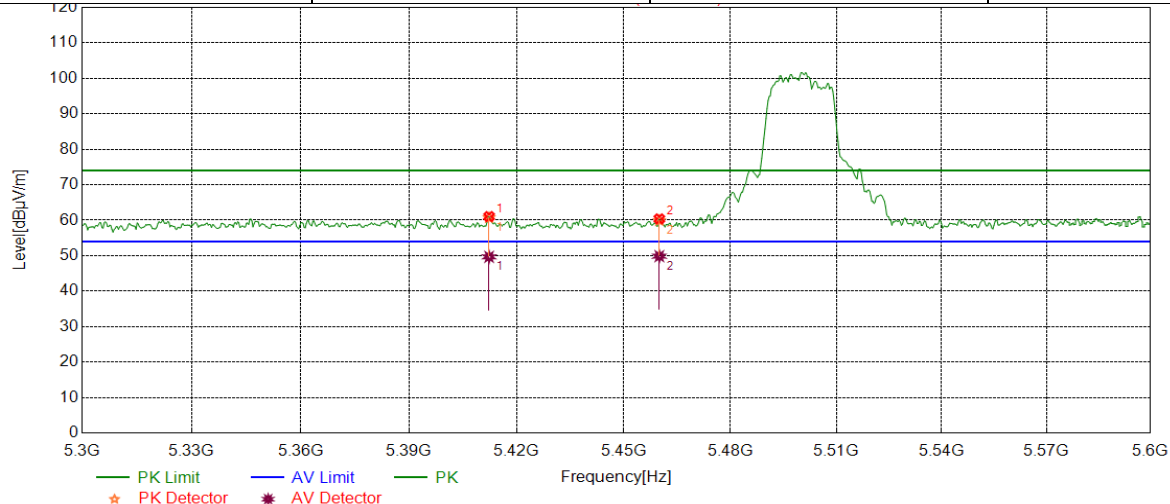


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	38.65	20.70	59.35	74.00	-14.65	peak
		28.12	20.70	48.82	54.00	-5.18	average
2	5406.0306	39.88	21.02	60.90	74.00	-13.10	peak
		28.24	21.02	49.26	54.00	-4.74	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5500	Horizontal	PASS

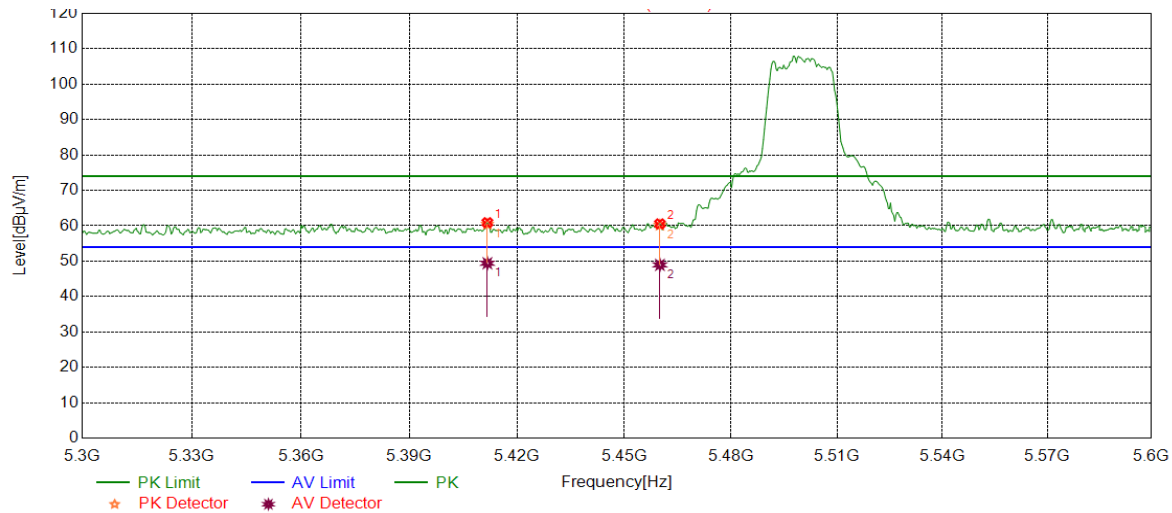


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5412.3123	40.05	20.99	61.04	74.00	-12.96	peak
		28.68	20.99	49.67	54.00	-4.33	average
2	5460.0000	39.35	21.03	60.38	74.00	-13.62	peak
		28.83	21.03	49.86	54.00	-4.14	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5500	Vertical	PASS

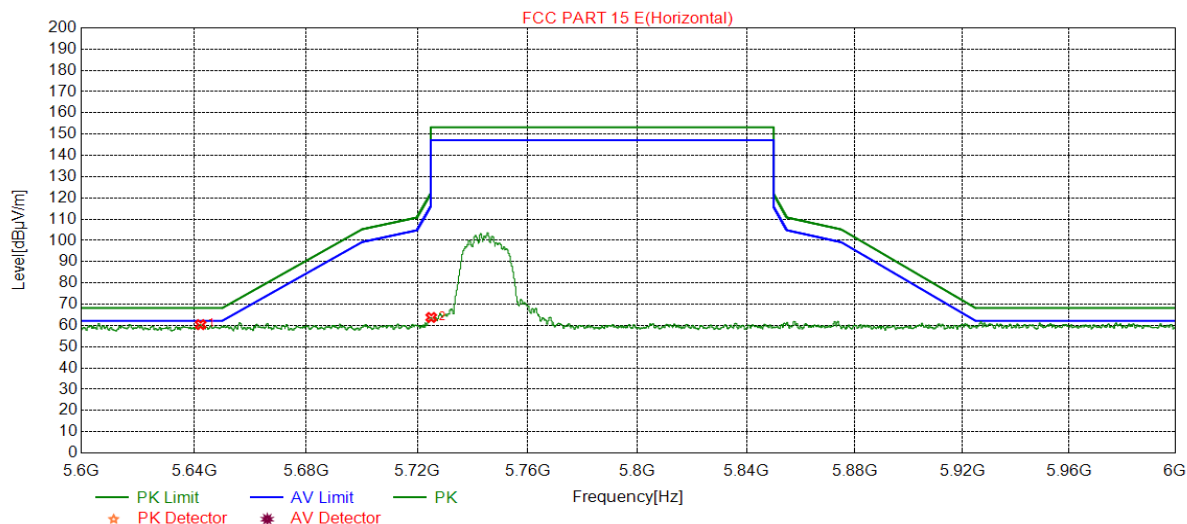


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5411.7117	39.89	21.00	60.89	74.00	-13.11	peak
		28.41	21.00	49.41	54.00	-4.59	average
2	5460.0000	39.52	21.03	60.55	74.00	-13.45	peak
		27.91	21.03	48.94	54.00	-5.06	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5745	Horizontal	PASS

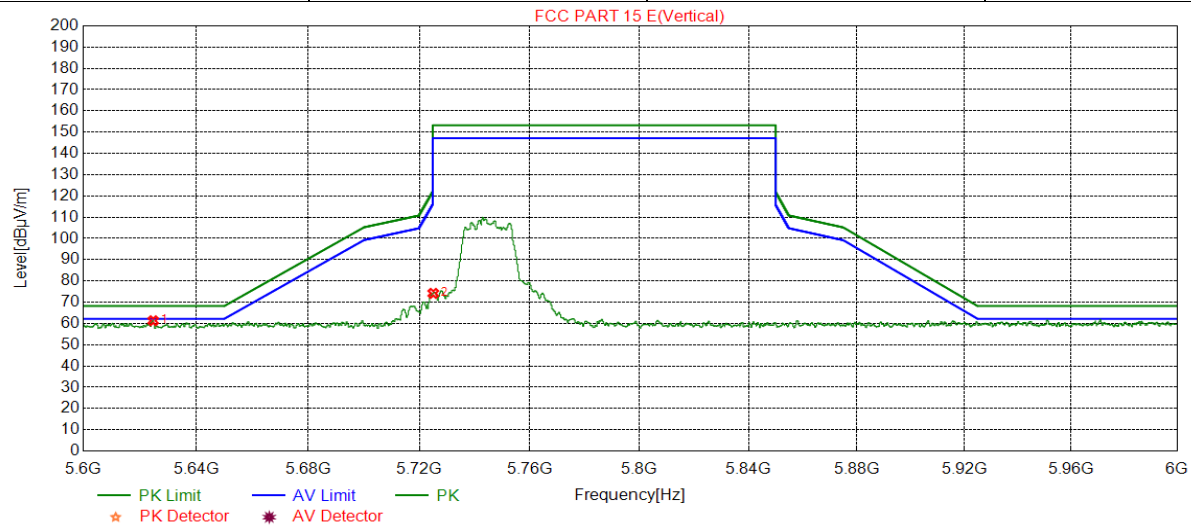


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	5642.2842	38.86	21.54	60.40	68.20	-7.80	peak
2	5725.0000	42.16	21.62	63.78	122.20	-58.42	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5745	Vertical	PASS

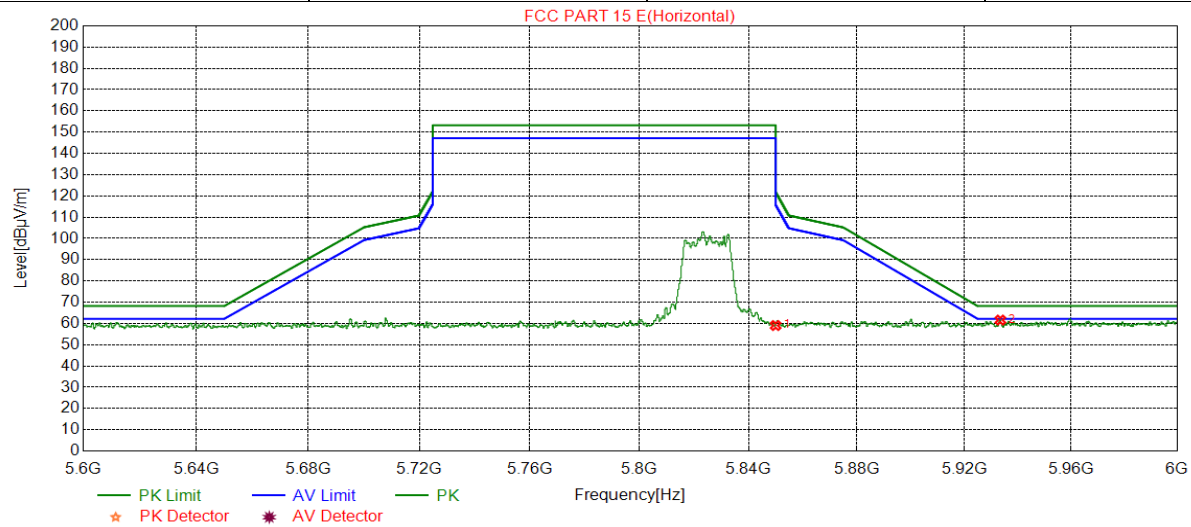


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5624.7225	39.81	21.48	61.29	68.20	-6.91	peak
2	5725.0000	52.55	21.62	74.17	122.20	-48.03	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5825	Horizontal	PASS

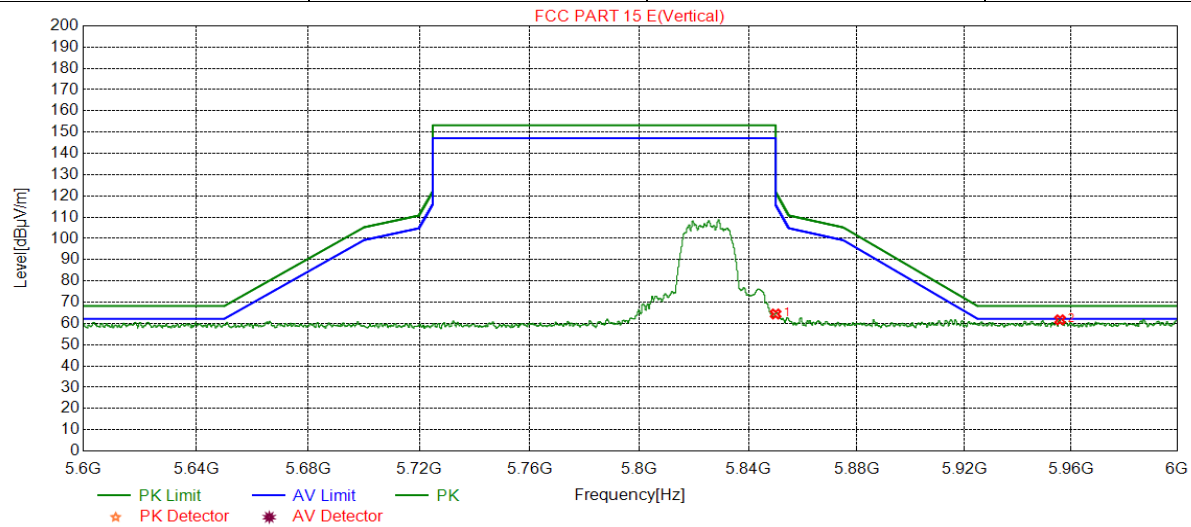


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	37.05	21.98	59.03	122.20	-63.17	peak
2	5933.5534	39.41	22.19	61.60	68.20	-6.60	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 20	5825	Vertical	PASS

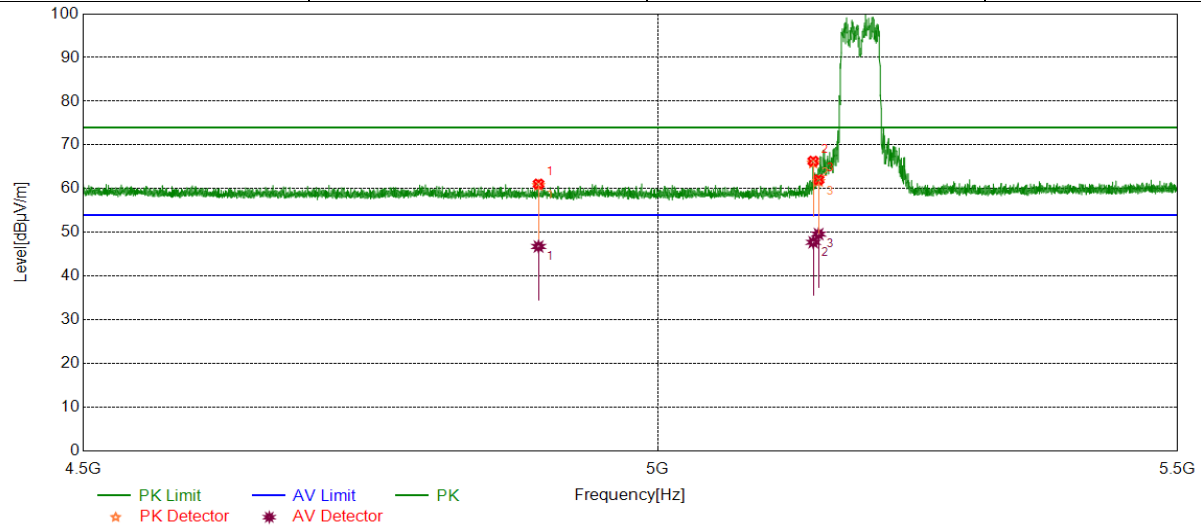


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	42.47	21.98	64.45	122.20	-57.75	peak
2	5955.9156	39.58	22.13	61.71	68.20	-6.49	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5190	Horizontal	PASS

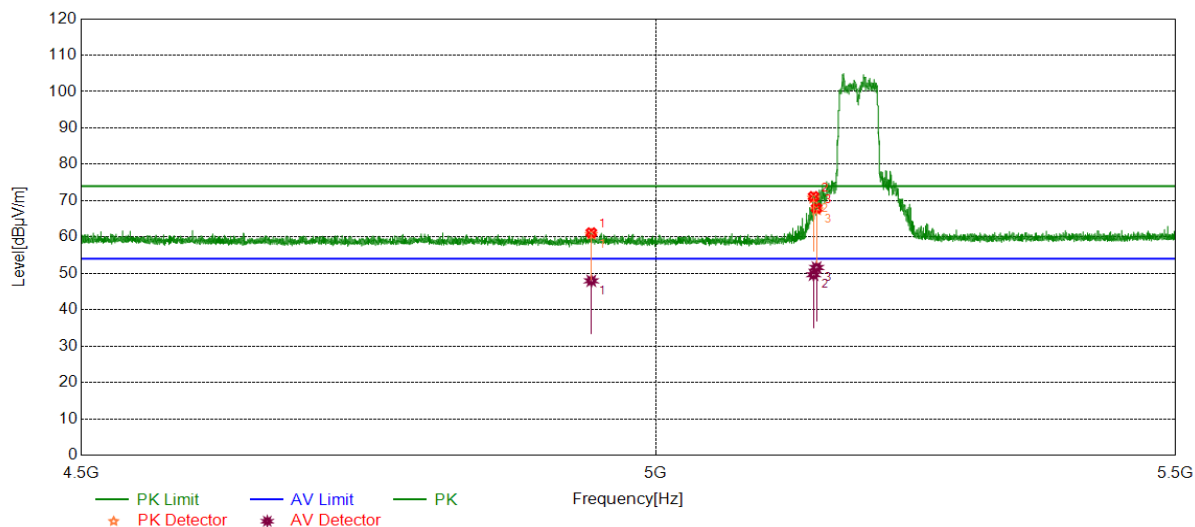


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4892.0392	41.36	19.72	61.08	74.00	-12.92	peak
		27.06	19.72	46.78	54.00	-7.22	average
2	5144.9645	46.29	20.01	66.30	74.00	-7.70	peak
		27.74	20.01	47.75	54.00	-6.25	average
3	5150.0000	42.15	19.91	62.06	74.00	-11.94	peak
		29.72	19.91	49.63	54.00	-4.37	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5190	Vertical	PASS

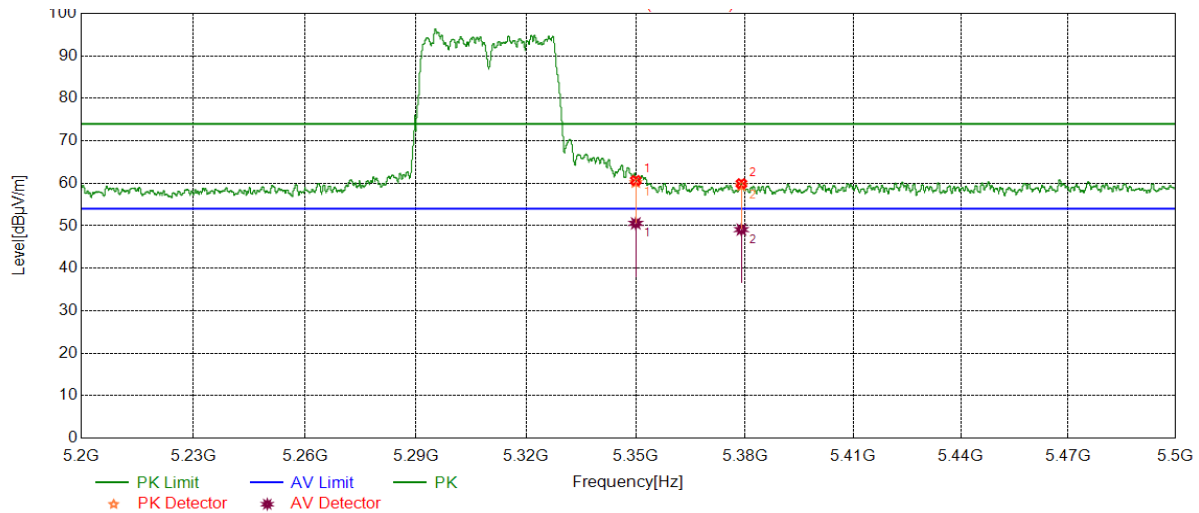


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4941.4441	40.85	20.32	61.17	74.00	-12.83	peak
		27.63	20.32	47.95	54.00	-6.05	average
2	5147.1647	51.17	19.97	71.14	74.00	-2.86	peak
		29.66	19.97	49.63	54.00	-4.37	average
3	5150.0000	48.02	19.91	67.93	74.00	-6.07	peak
		31.70	19.91	51.61	54.00	-2.39	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5310	Horizontal	PASS

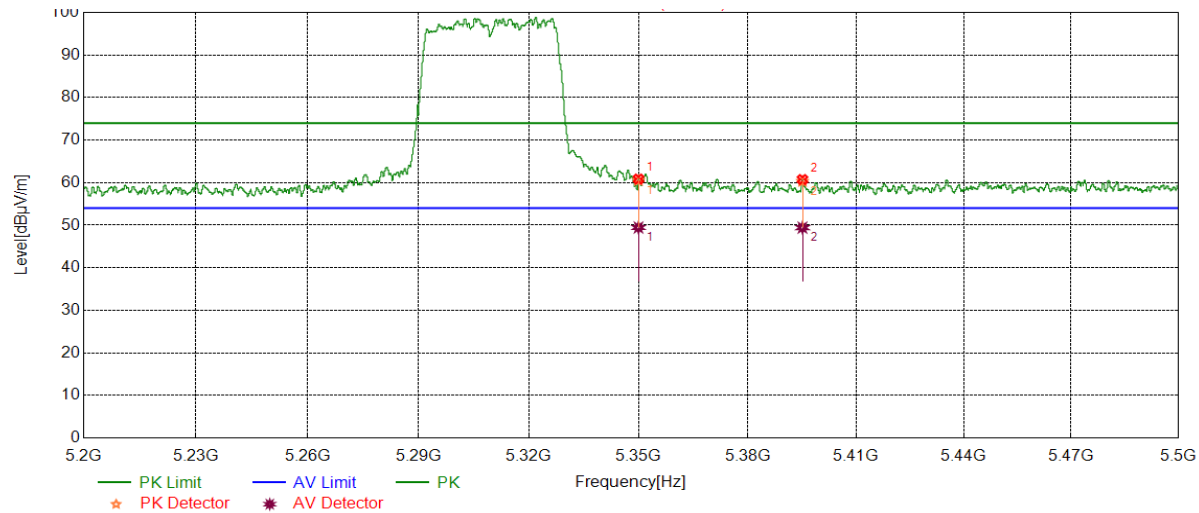


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	39.95	20.70	60.65	74.00	-13.35	peak
		29.86	20.70	50.56	54.00	-3.44	average
2	5379.0579	38.99	20.92	59.91	74.00	-14.09	peak
		28.17	20.92	49.09	54.00	-4.91	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5310	Vertical	PASS

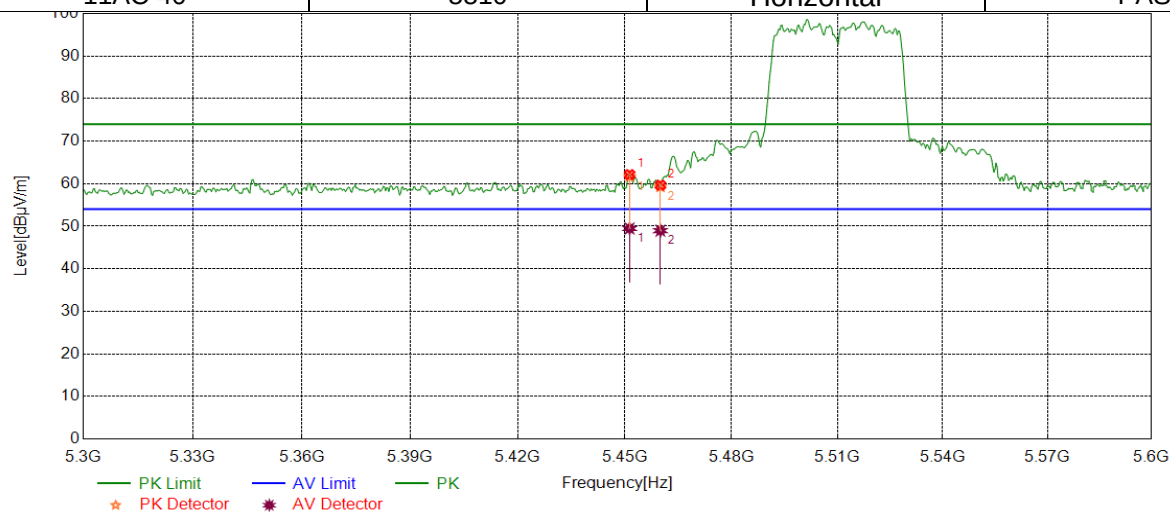


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	40.15	20.70	60.85	74.00	-13.15	peak
		28.75	20.70	49.45	54.00	-4.55	average
2	5395.1695	39.65	21.09	60.74	74.00	-13.26	peak
		28.33	21.09	49.42	54.00	-4.58	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5510	Horizontal	PASS

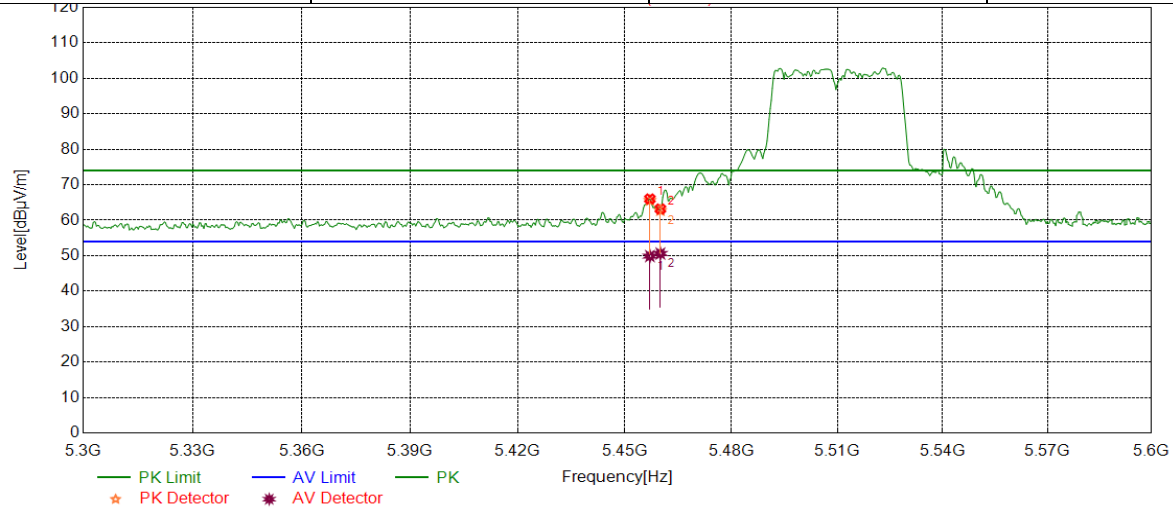


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5451.3514	41.13	21.01	62.14	74.00	-11.86	peak
		28.46	21.01	49.47	54.00	-4.53	average
2	5460.0000	38.63	21.03	59.66	74.00	-14.34	peak
		27.93	21.03	48.96	54.00	-5.04	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5510	Vertical	PASS

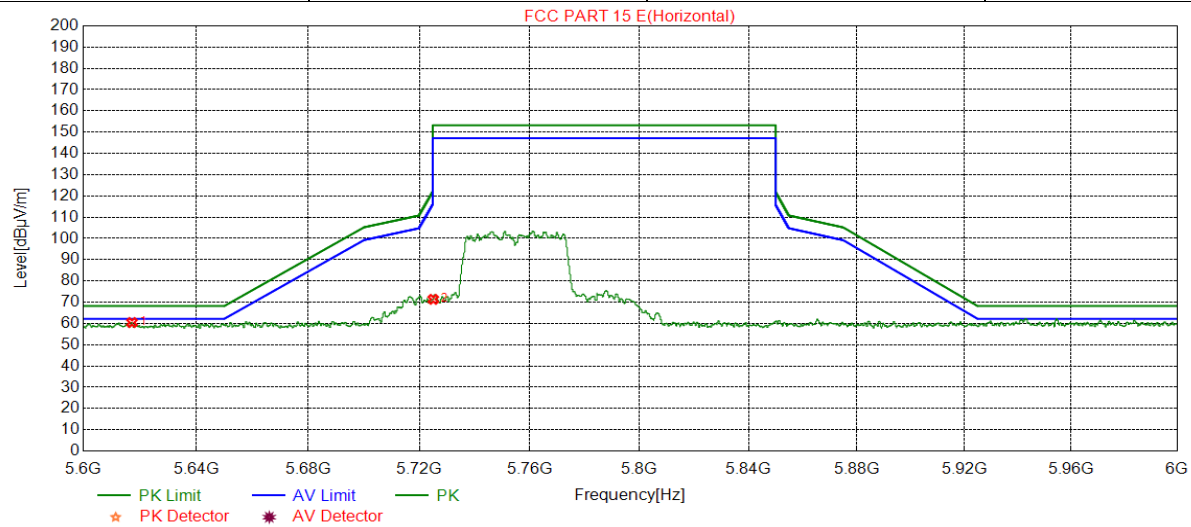


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5457.0571	44.98	21.02	66.00	74.00	-8.00	peak
		28.85	21.02	49.87	54.00	-4.13	average
2	5460.0000	42.14	21.03	63.17	74.00	-10.83	peak
		29.57	21.03	50.60	54.00	-3.40	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5755	Horizontal	PASS

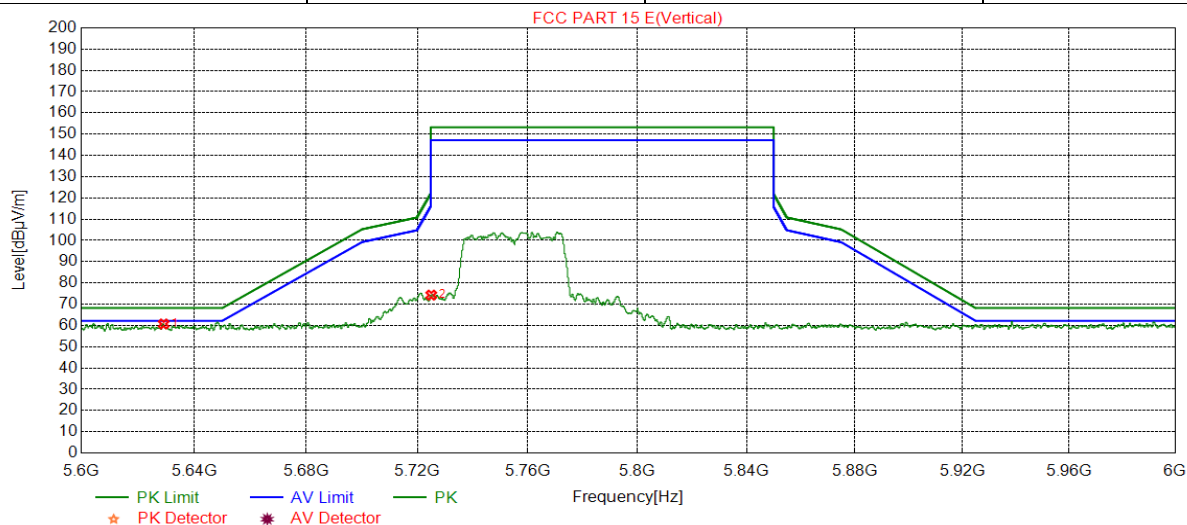


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5617.2017	38.93	21.51	60.44	68.20	-7.76	peak
2	5725.0000	49.73	21.62	71.35	122.20	-50.85	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5755	Vertical	PASS

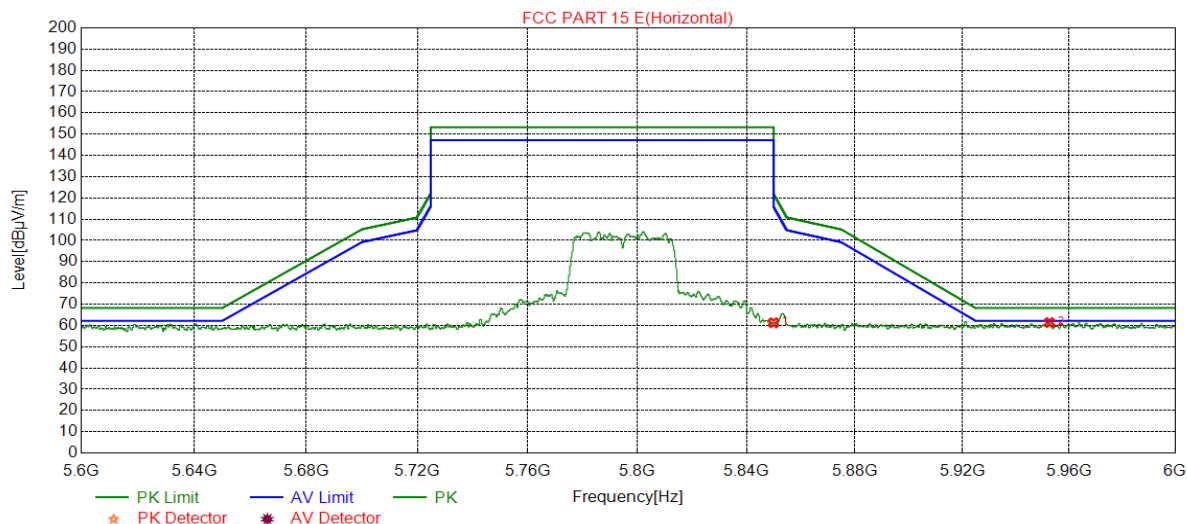


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5629.1629	39.28	21.43	60.71	68.20	-7.49	peak
2	5725.0000	52.67	21.62	74.29	122.20	-47.91	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5795	Horizontal	PASS

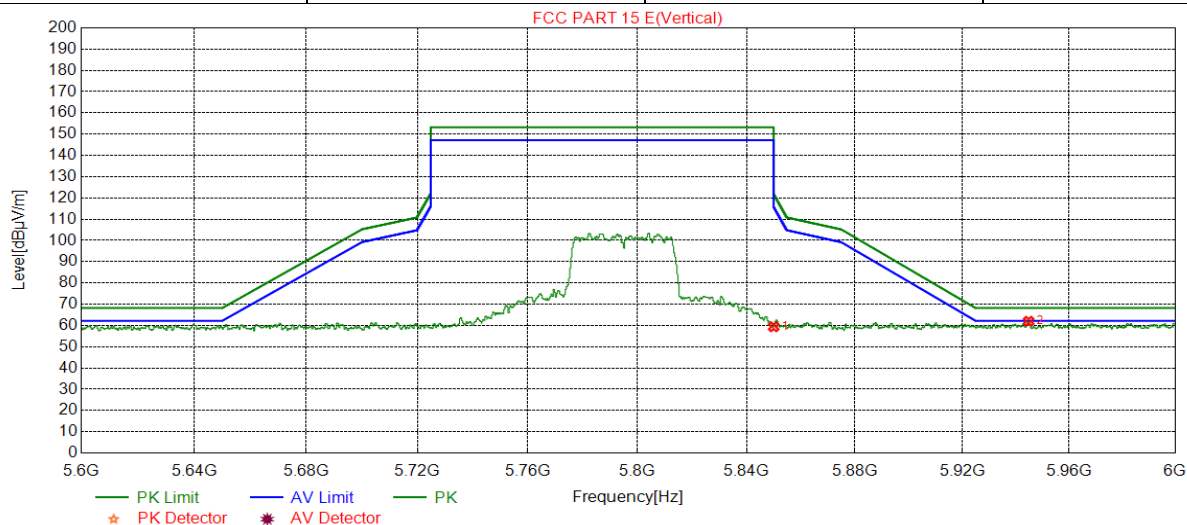


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	39.31	21.98	61.29	122.20	-60.91	peak
2	5952.7153	39.21	22.14	61.35	68.20	-6.85	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 40	5795	Vertical	PASS

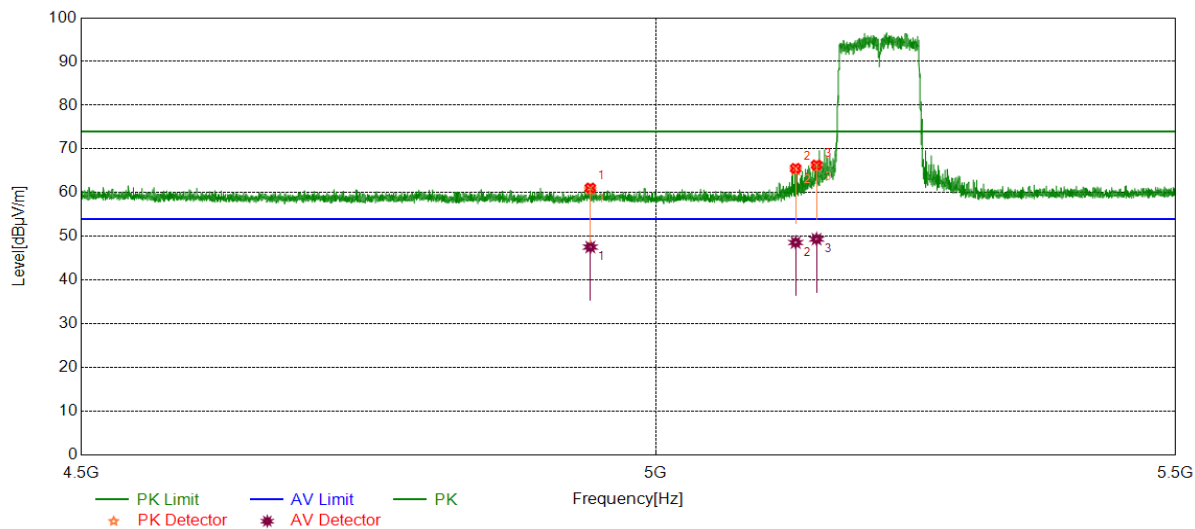


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5850.0000	37.39	21.98	59.37	122.20	-62.83	peak
2	5944.8745	39.80	22.17	61.97	68.20	-6.23	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5210	Horizontal	PASS

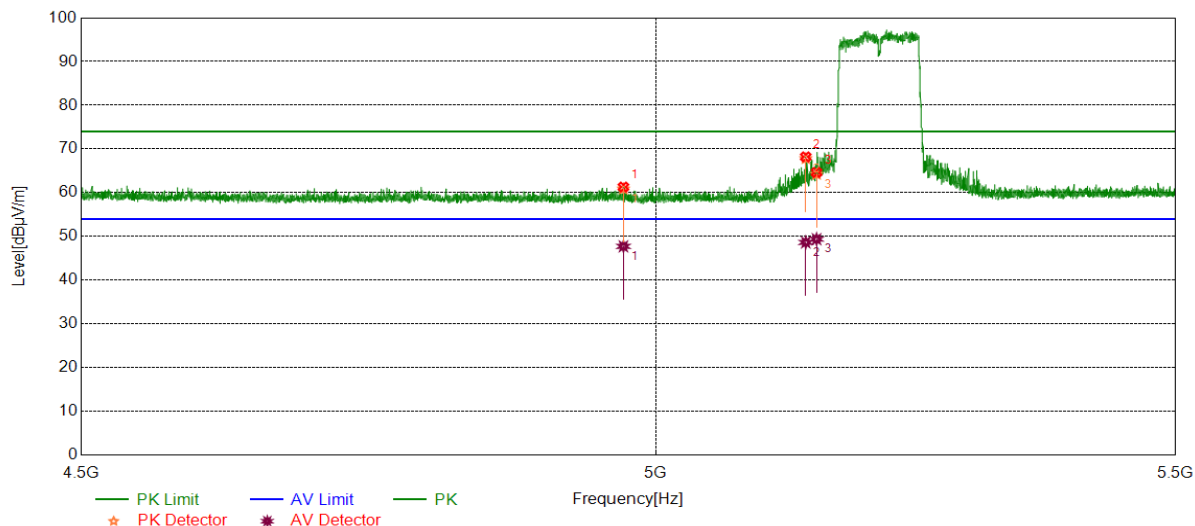


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4940.5441	40.73	20.34	61.07	74.00	-12.93	peak
		27.23	20.34	47.57	54.00	-6.43	average
2	5130.2630	45.38	20.18	65.56	74.00	-8.44	peak
		28.42	20.18	48.60	54.00	-5.40	average
3	5150.0000	46.42	19.91	66.33	74.00	-7.67	peak
		29.47	19.91	49.38	54.00	-4.62	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5210	Vertical	PASS

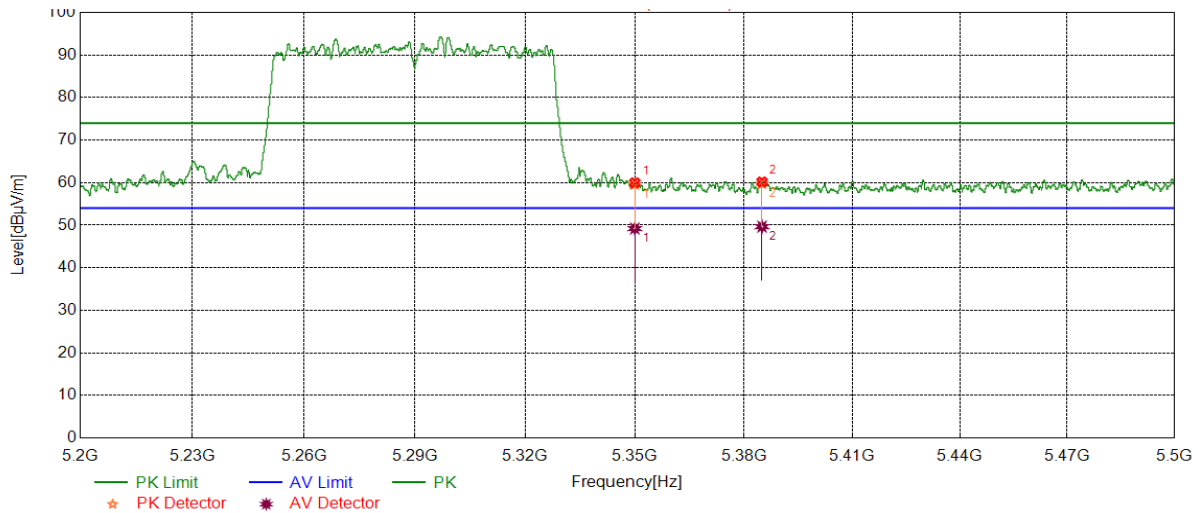


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	4970.6471	41.38	19.92	61.30	74.00	-12.70	peak
		27.81	19.92	47.73	54.00	-6.27	average
2	5139.7640	48.09	20.11	68.20	74.00	-5.80	peak
		28.52	20.11	48.63	54.00	-5.37	average
3	5150.0000	44.73	19.91	64.64	74.00	-9.36	peak
		29.46	19.91	49.37	54.00	-4.63	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5290	Horizontal	PASS

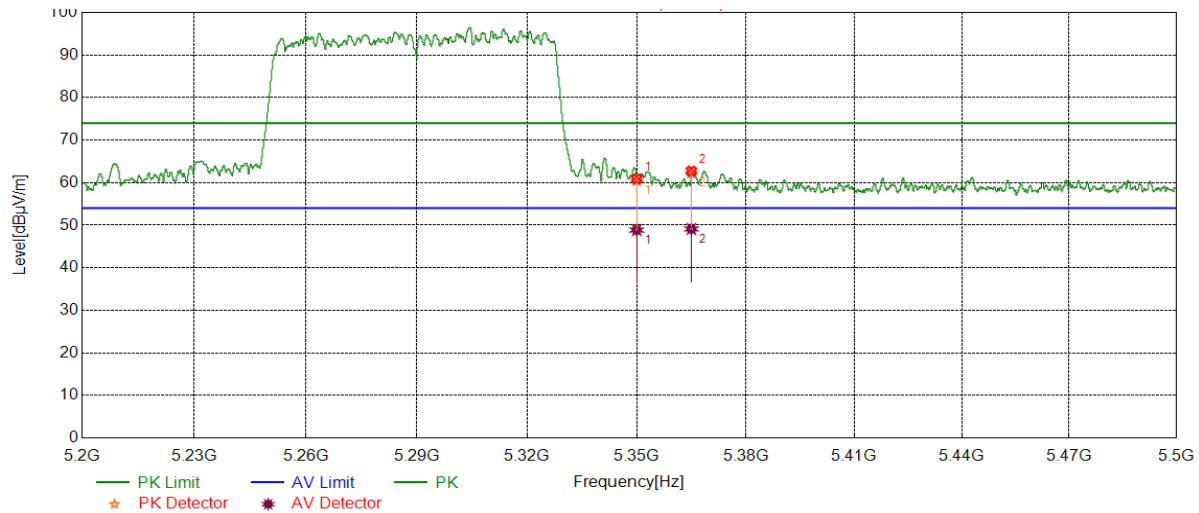


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	39.27	20.70	59.97	74.00	-14.03	peak
		28.51	20.70	49.21	54.00	-4.79	average
2	5385.0285	39.14	21.04	60.18	74.00	-13.82	peak
		28.62	21.04	49.66	54.00	-4.34	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5290	Vertical	PASS

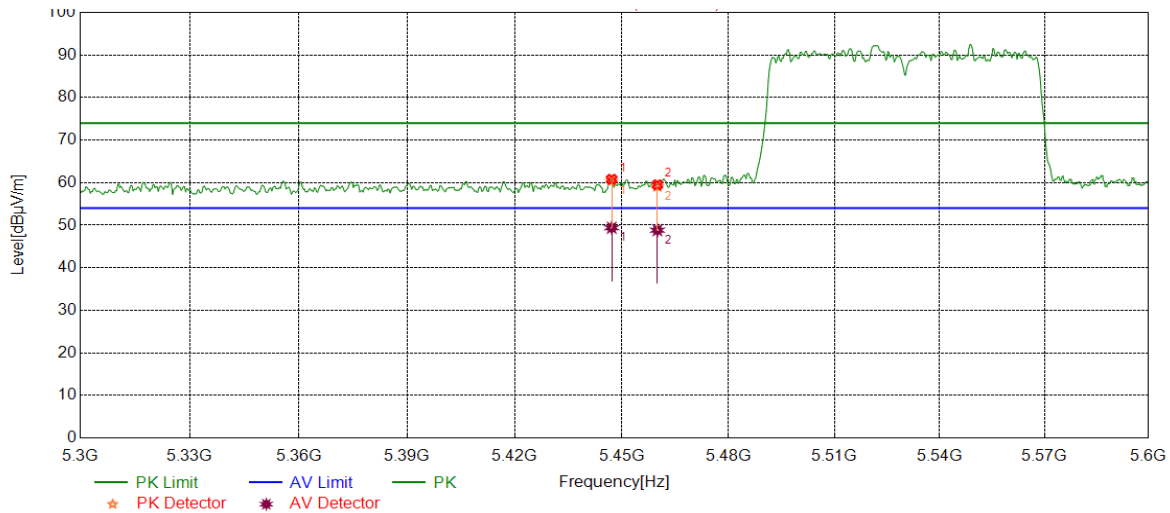


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.0000	40.18	20.70	60.88	74.00	-13.12	peak
		28.16	20.70	48.86	54.00	-5.14	average
2	5365.0165	41.88	20.84	62.72	74.00	-11.28	peak
		28.27	20.84	49.11	54.00	-4.89	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5530	Horizontal	PASS

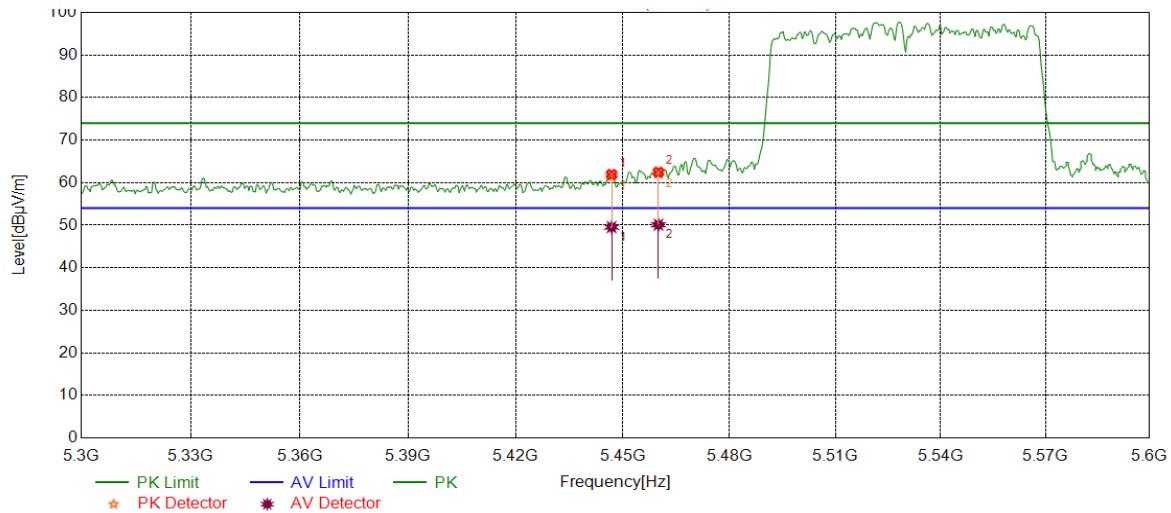


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5447.1471	39.78	21.01	60.79	74.00	-13.21	peak
		28.39	21.01	49.40	54.00	-4.60	average
2	5460.0000	38.47	21.03	59.50	74.00	-14.50	peak
		27.80	21.03	48.83	54.00	-5.17	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5530	Vertical	PASS

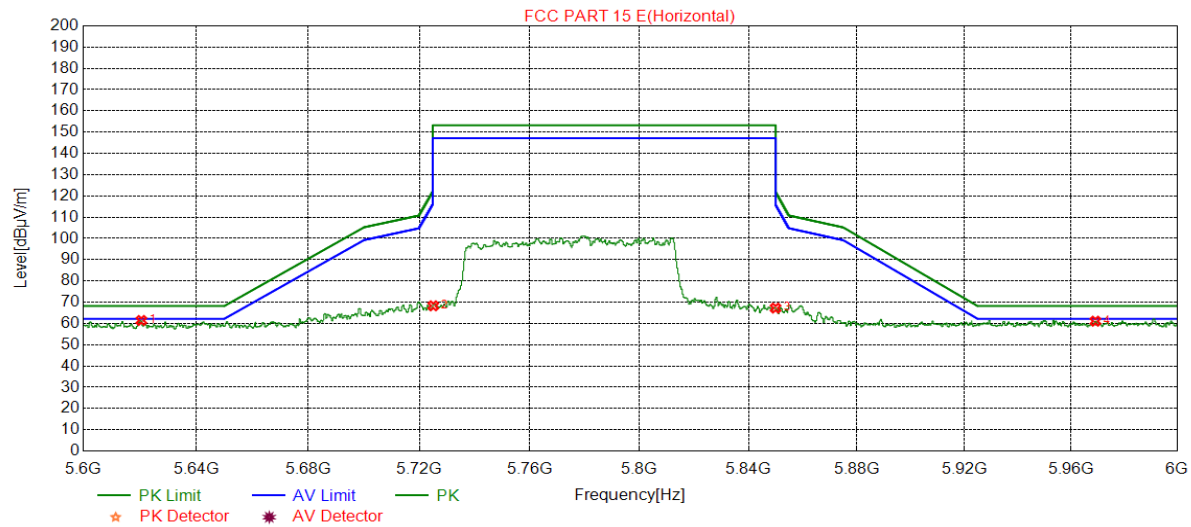


No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5446.8468	40.93	21.01	61.94	74.00	-12.06	peak
		28.54	21.01	49.55	54.00	-4.45	average
2	5460.0000	41.44	21.03	62.47	74.00	-11.53	peak
		29.08	21.03	50.11	54.00	-3.89	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5775	Horizontal	PASS

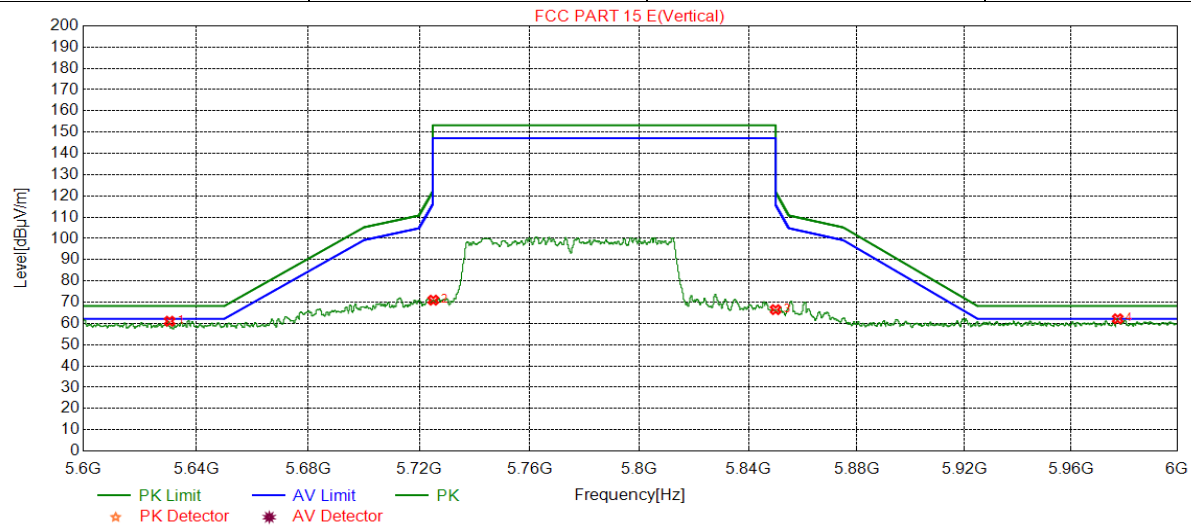


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.5221	39.89	21.53	61.42	68.20	-6.78	peak
2	5725.0000	46.69	21.62	68.31	122.20	-53.89	peak
3	5850.0000	45.26	21.98	67.24	122.20	-54.96	peak
4	5969.2369	38.77	22.31	61.08	68.20	-7.12	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



Test Mode	Channel	Polarization	Verdict
11AC 80	5775	Vertical	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	5630.5631	39.63	21.43	61.06	68.20	-7.14	peak
2	5725.0000	49.34	21.62	70.96	122.20	-51.24	peak
3	5850.0000	44.52	21.98	66.50	122.20	-55.70	peak
4	5977.6378	39.94	22.25	62.19	68.20	-6.01	peak

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
2. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
3. Measurement = Reading Level + Correct Factor.
4. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



7.2. HARMONICS AND SPURIOUS EMISSIONS

TEST RESULT TABLE

1) For 1GHz to 6.5GHz part:

Environment Parameter	Selected Values During Tests
Relative Humidity	51.3%
Atmospheric Pressure:	103kPa
Temperature	19.8°C

Test Mode	Antenna	Channel	Puw(dBm)	Verdict
11A	Ant1	5180	<Limit	PASS
		5200	<Limit	PASS
		5240	<Limit	PASS
		5260	<Limit	PASS
		5280	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5580	<Limit	PASS
		5700	<Limit	PASS
		5720	<Limit	PASS
		5745	<Limit	PASS
		5785	<Limit	PASS
		5825	<Limit	PASS
11AC20MIMO	Ant1+2	5180	<Limit	PASS
		5200	<Limit	PASS
		5240	<Limit	PASS
		5260	<Limit	PASS
		5280	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5580	<Limit	PASS
		5700	<Limit	PASS
		5720	<Limit	PASS
		5745	<Limit	PASS
		5785	<Limit	PASS
		5825	<Limit	PASS
11AC40MIMO	Ant1+2	5190	<Limit	PASS
		5230	<Limit	PASS
		5270	<Limit	PASS
		5310	<Limit	PASS
		5510	<Limit	PASS
		5550	<Limit	PASS
		5670	<Limit	PASS
		5710	<Limit	PASS
		5755	<Limit	PASS
		5795	<Limit	PASS
11AC80MIMO	Ant1+2	5210	<Limit	PASS
		5290	<Limit	PASS
		5530	<Limit	PASS
		5610	<Limit	PASS
		5670	<Limit	PASS

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		5775	<Limit	PASS
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Remark:

- 1) Since 802.11ac VHT20/VHT40 modes are different from 802.11n HT20/HT40 only in control messages, so all the tests are performed on the worst case (802.11ac VHT20/802.11ac VHT40) mode between these 4 modes and only the worst data was recorded in this report.
- 2) For 802.11a mode, both of antenna 1 and antenna 2 are tested, but only the data of worse case is included in this report

2) For 6.5GHz to 18GHz part:

Environment Parameter	Selected Values During Tests
Relative Humidity	51.3%
Atmospheric Pressure:	103kPa
Temperature	19.8°C

Test Mode	Antenna	Channel	Puw(dBm)	Verdict
11A	Ant1	5180	<Limit	PASS
		5200	<Limit	PASS
		5240	<Limit	PASS
		5260	<Limit	PASS
		5280	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5580	<Limit	PASS
		5700	<Limit	PASS
		5720	<Limit	PASS
		5745	<Limit	PASS
		5785	<Limit	PASS
		5825	<Limit	PASS
11AC20MIMO	Ant1+2	5180	<Limit	PASS
		5200	<Limit	PASS
		5240	<Limit	PASS
		5260	<Limit	PASS
		5280	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5580	<Limit	PASS
		5700	<Limit	PASS
		5720	<Limit	PASS
		5745	<Limit	PASS
		5785	<Limit	PASS
		5825	<Limit	PASS
11AC40MIMO	Ant1+2	5190	<Limit	PASS
		5230	<Limit	PASS
		5270	<Limit	PASS
		5310	<Limit	PASS
		5510	<Limit	PASS
		5550	<Limit	PASS
		5670	<Limit	PASS
		5710	<Limit	PASS
		5755	<Limit	PASS
		5795	<Limit	PASS
11AC80MIMO	Ant1+2	5210	<Limit	PASS

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		5290	<Limit	PASS
		5530	<Limit	PASS
		5610	<Limit	PASS
		5670	<Limit	PASS
		5775	<Limit	PASS

Remark:

- 1) Since 802.11ac VHT20/VHT40 modes are different from 802.11n HT20/HT40 only in control messages, so all the tests are performed on the worst case (802.11ac VHT20/802.11ac VHT40) mode between these 4 modes and only the worst data was recorded in this report.
- 2) For 802.11a mode, both of antenna 1 and antenna 2 are tested, but only the data of worse case is included in this report

- 3) For 18GHz to 26.5GHz part:

Environment Parameter	Selected Values During Tests
Relative Humidity	51.3%
Atmospheric Pressure:	103kPa
Temperature	19.8°C

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11A 40 MIMO	Antenna1+Antenna2	5670	<Limit	PASS

Remark:

- 1) Pre-testing all test modes and channels, find the 5670 channel of 802.11AC40 mode of UNII-III band which is the worst case, so only the data of this mode is included in the test report

- 4) For 26.5GHz to 40GHz part:

Environment Parameter	Selected Values During Tests
Relative Humidity	51.3%
Atmospheric Pressure:	103kPa
Temperature	19.8°C

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11A 40 MIMO	Antenna1+Antenna2	5670	<Limit	PASS

Remark:

- 1) Pre-testing all test modes and channels, find the 5670 channel of 802.11AC40 mode of UNII-III band which is the worst case, so only the data of this mode is included in the test report



5) For 30MHz to 1GHz part:

Environment Parameter	Selected Values During Tests
Relative Humidity	60.2%
Atmospheric Pressure:	102.1kPa
Temperature	18.6°C

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11A 40 MIMO	Antenna1+Antenna2	5670	<Limit	PASS

Remark:

1) Pre-testing all test modes and channels, find the 5670 channel of 802.11AC40 mode of UNII-III band which is the worst case, so only the data of this mode is included in the test report

6) For 9KHz~30MHz

Environment Parameter	Selected Values During Tests
Relative Humidity	60.2%
Atmospheric Pressure:	102.1kPa
Temperature	18.6°C

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11A 40 MIMO	Antenna1+Antenna2	5670	<Limit	PASS

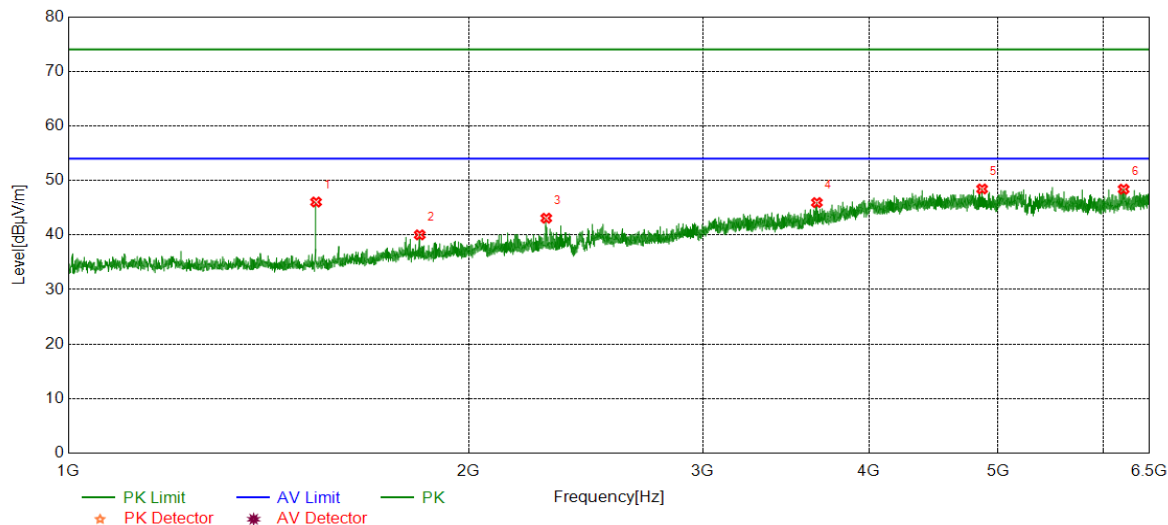
Remark:

1) Pre-testing all test modes and channels, find the 5670 channel of 802.11AC40 mode of UNII-III band which is the worst case, so only the data of this mode is included in the test report



TEST GRAPHS:
PART I: For 1GHz to 6.5GHz:

Test Mode	Channel	Polarization	Verdict
11A	5180	Horizontal	PASS



No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
1	1535.7560	51.79	-5.75	46.04	74.00	-27.96	peak
2	1837.4729	43.73	-3.71	40.02	74.00	-33.98	peak
3	2287.5479	45.02	-1.94	43.08	74.00	-30.92	peak
4	3654.1838	41.77	4.17	45.94	74.00	-28.06	peak
5	4864.1516	41.15	7.29	48.44	74.00	-25.56	peak
6	6214.1349	40.12	8.28	48.40	74.00	-25.60	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Peak: Peak detector.
5. AVG: VBW refer to section 6.2.
6. For below 6.5GHz part, filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band Reject Filter losses
The proper operation of the transmitter prior to adding the filter to the measurement chain.
7. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.