
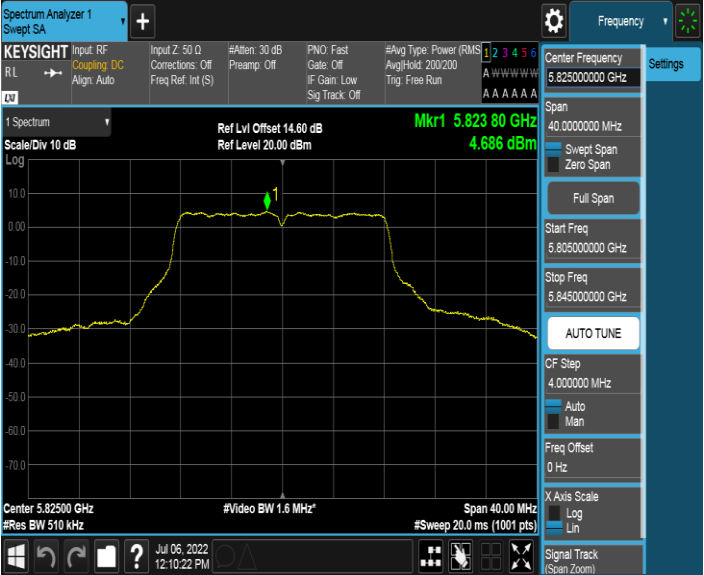




Test Mode	Test Channel	Verdict
11A	5785	PASS
		

Test Mode	Test Channel	Verdict
11A	5825	PASS
		



Test Mode	Test Channel	Verdict
11AC20	5180	PASS
<p>The screenshot displays the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.18120 GHz and a power level of 2.721 dBm. The plot is set to a scale of 10 dB and a resolution bandwidth of 3.0 MHz. The center frequency is 5.18000 GHz. The interface includes various settings and controls, such as Input Z (50 Ω), Attenuation (30 dB), and Span (40.000000 MHz).</p>		


Test Mode	Test Channel	Verdict
11AC20	5200	PASS
<p>The screenshot displays the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.20496 GHz and a power level of 3.899 dBm. The plot is set to a scale of 10 dB and a resolution bandwidth of 3.0 MHz. The center frequency is 5.20000 GHz. The interface includes various settings and controls, such as Input Z (50 Ω), Attenuation (30 dB), and Span (40.000000 MHz).</p>		

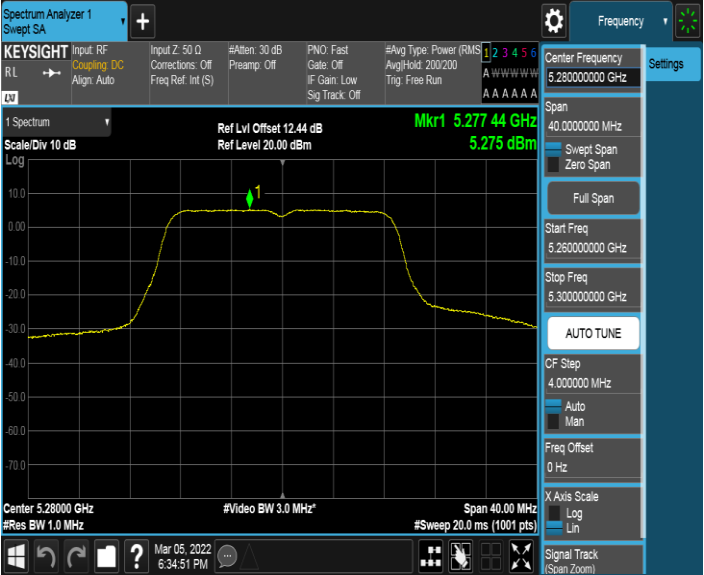


Test Mode	Test Channel	Verdict
11AC20	5220	PASS
<p>The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.22244 GHz. The power level is 4.306 dBm. The center frequency is 5.22000000 GHz. The span is 40.000000 MHz. The resolution bandwidth is 3.0 MHz. The video bandwidth is 3.0 MHz. The sweep time is 20.0 ms (1001 pts). The interface also shows various settings like Input RF, Input Z, Attenuation, PNO, and Average Type.</p>		

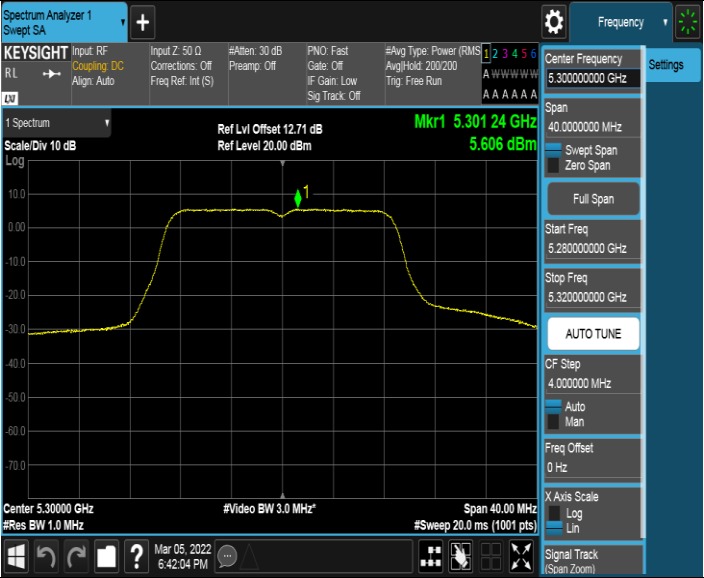
Test Mode	Test Channel	Verdict
11AC20	5240	PASS
<p>The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.23628 GHz. The power level is 4.237 dBm. The center frequency is 5.24000000 GHz. The span is 40.000000 MHz. The resolution bandwidth is 3.0 MHz. The video bandwidth is 3.0 MHz. The sweep time is 20.0 ms (1001 pts). The interface also shows various settings like Input RF, Input Z, Attenuation, PNO, and Average Type.</p>		

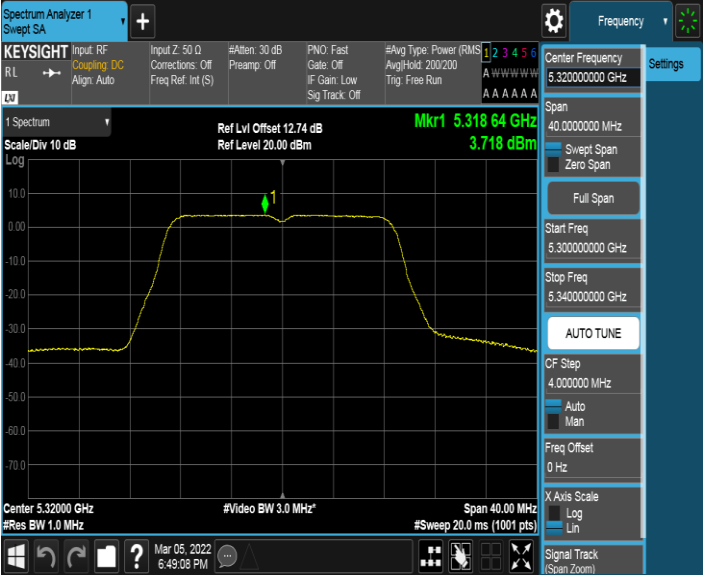


Test Mode	Test Channel	Verdict
11AC20	5260	PASS
		

Test Mode	Test Channel	Verdict
11AC20	5280	PASS
		



Test Mode	Test Channel	Verdict
11AC20	5300	PASS
		

Test Mode	Test Channel	Verdict
11AC20	5320	PASS
		



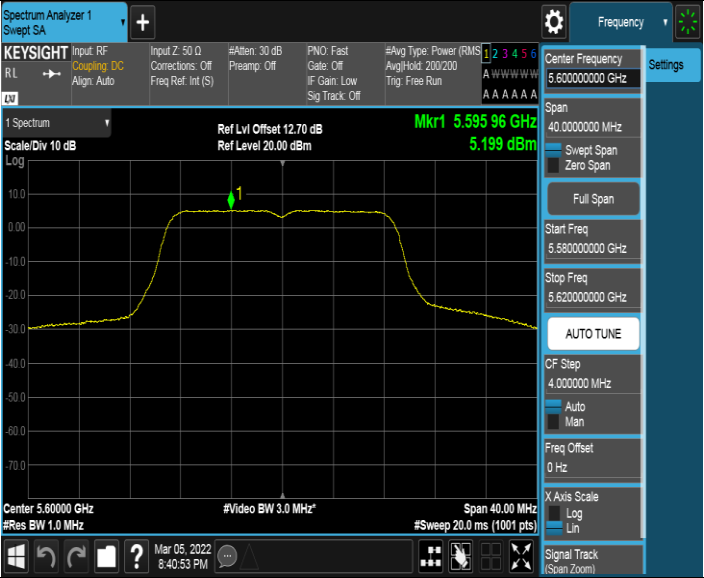
Test Mode	Test Channel	Verdict
11AC20	5500	PASS

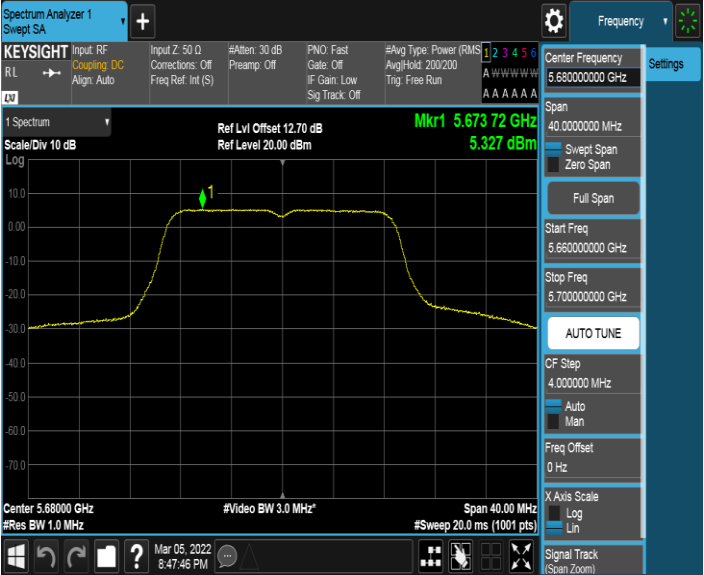
The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.50136 GHz and a power level of 1.753 dBm. The center frequency is set to 5.500000 GHz, and the span is 40.000000 MHz. The resolution bandwidth is 3.0 MHz. The interface includes various settings and controls for the analyzer.

Test Mode	Test Channel	Verdict
11AC20	5520	PASS

The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.51852 GHz and a power level of 5.168 dBm. The center frequency is set to 5.520000 GHz, and the span is 40.000000 MHz. The resolution bandwidth is 3.0 MHz. The interface includes various settings and controls for the analyzer.



Test Mode	Test Channel	Verdict
11AC20	5600	PASS
		

Test Mode	Test Channel	Verdict
11AC20	5680	PASS
		



Test Mode	Test Channel	Verdict
11AC20	5700	PASS

The screenshot shows the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a single peak at 5.69624 GHz. The peak level is 1.602 dBm. The center frequency is 5.70000000 GHz. The span is 40.000000 MHz. The resolution bandwidth is 3.0 MHz. The video bandwidth is 3.0 MHz. The sweep time is 20.0 ms (1001 pts). The reference level is 20.00 dBm and the reference level offset is 12.67 dB. The signal is a rectangular pulse centered at the center frequency.

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

The screenshot shows the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a single peak at 5.71372 GHz. The peak level is 4.863 dBm. The center frequency is 5.72000000 GHz. The span is 40.000000 MHz. The resolution bandwidth is 3.0 MHz. The video bandwidth is 3.0 MHz. The sweep time is 20.0 ms (1001 pts). The reference level is 20.00 dBm and the reference level offset is 12.67 dB. The signal is a rectangular pulse centered at the center frequency.



Test Mode	Test Channel	Verdict
11AC20	5720_UNII-3	PASS

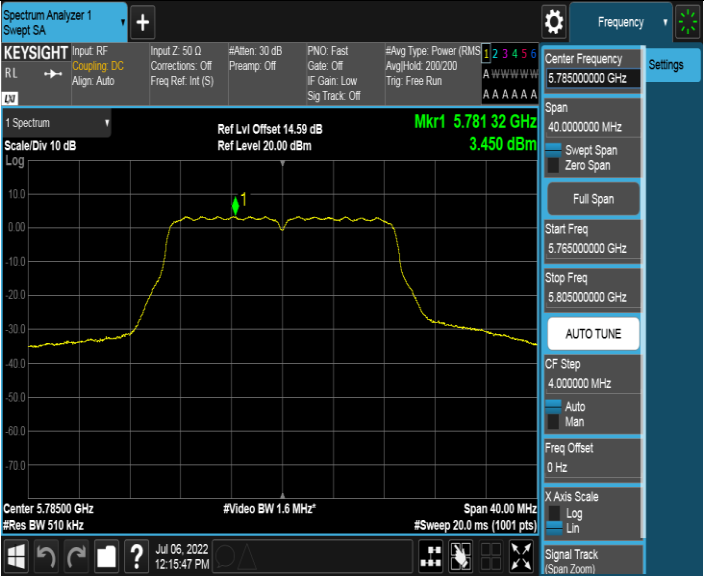
The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display is a log-scale spectrum plot with a center frequency of 5.72000 GHz and a span of 40.000 MHz. A signal is visible at 5.72620 GHz with a power level of 2.995 dBm. The interface includes various settings such as Input RF, Input Z: 50 Ω, #Atten: 30 dB, PNO: Fast, #Avg Type: Power (RMS), and Center Frequency: 5.72000000 GHz. The plot shows a signal with a peak at 5.72620 GHz and a power level of 2.995 dBm. The interface also shows the date and time: Jul 06, 2022, 12:13:31 PM.

Test Mode	Test Channel	Verdict
11AC20	5745	PASS

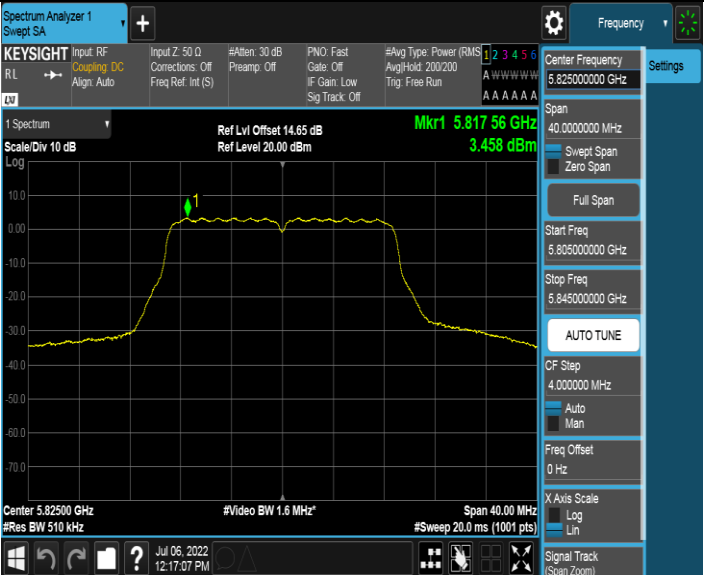
The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display is a log-scale spectrum plot with a center frequency of 5.74500 GHz and a span of 40.000 MHz. A signal is visible at 5.73868 GHz with a power level of 2.746 dBm. The interface includes various settings such as Input RF, Input Z: 50 Ω, #Atten: 30 dB, PNO: Fast, #Avg Type: Power (RMS), and Center Frequency: 5.74500000 GHz. The plot shows a signal with a peak at 5.73868 GHz and a power level of 2.746 dBm. The interface also shows the date and time: Jul 06, 2022, 12:14:43 PM.



Test Mode	Test Channel	Verdict
11AC20	5785	PASS

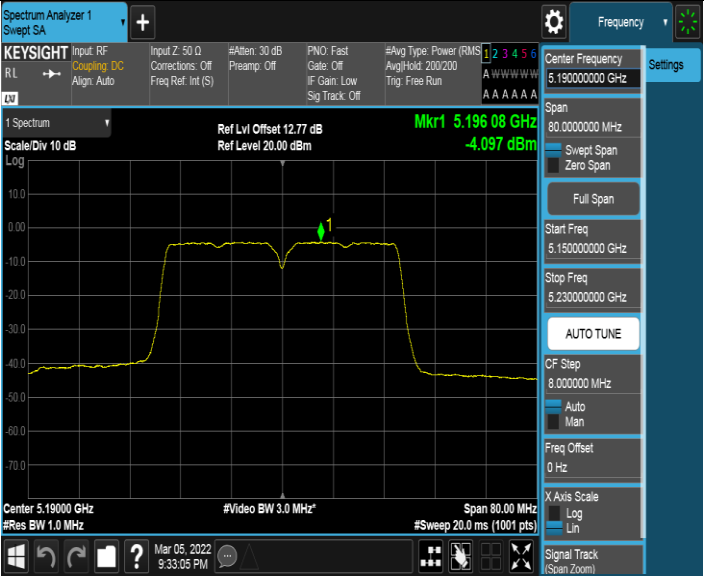


Test Mode	Test Channel	Verdict
11AC20	5825	PASS

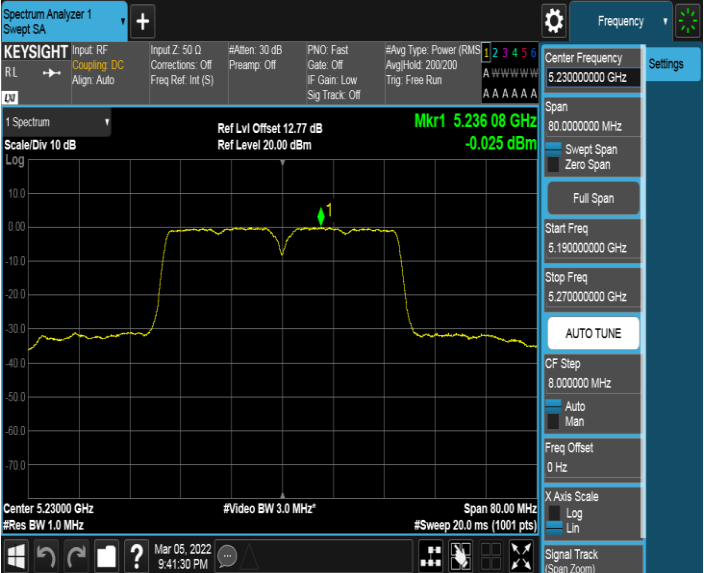




Test Mode	Test Channel	Verdict
11AC40	5190	PASS



Test Mode	Test Channel	Verdict
11AC40	5230	PASS



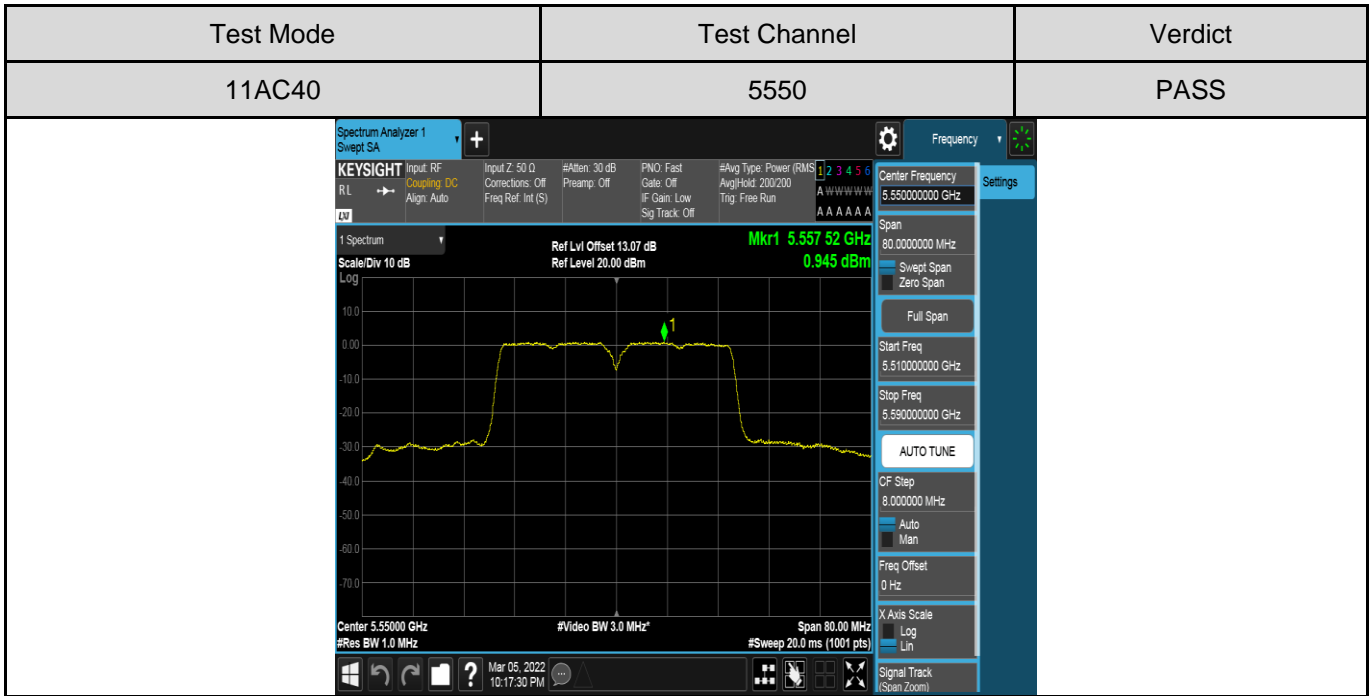
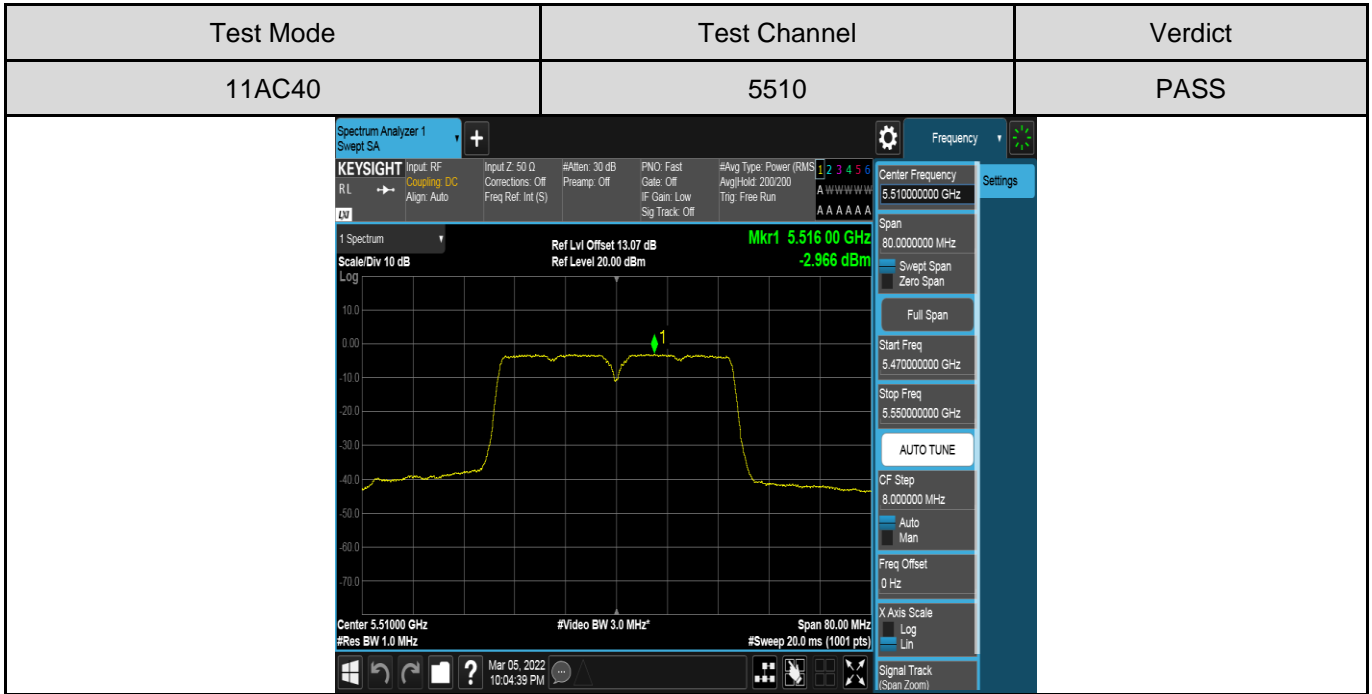


Test Mode	Test Channel	Verdict
11AC40	5270	PASS


The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.27600 GHz. The signal level is 1.363 dBm. The reference level is 20.00 dBm, and the reference level offset is 13.15 dB. The center frequency is 5.27000 GHz, and the span is 80.000000 MHz. The resolution bandwidth is 3.0 MHz. The video bandwidth is 3.0 MHz. The sweep time is 20.0 ms (1001 pts). The interface also shows various settings like Input RF, Input Z: 50 Ω, #Atten: 30 dB, PNO: Fast, #Avg Type: Power (RMS), and #Res BW: 1.0 MHz.


Test Mode	Test Channel	Verdict
11AC40	5310	PASS

The screenshot shows the Keysight Spectrum Analyzer 1 interface. The main display shows a spectrum plot with a signal peak at 5.31608 GHz. The signal level is -2.663 dBm. The reference level is 20.00 dBm, and the reference level offset is 13.07 dB. The center frequency is 5.31000 GHz, and the span is 80.000000 MHz. The resolution bandwidth is 3.0 MHz. The video bandwidth is 3.0 MHz. The sweep time is 20.0 ms (1001 pts). The interface also shows various settings like Input RF, Input Z: 50 Ω, #Atten: 30 dB, PNO: Fast, #Avg Type: Power (RMS), and #Res BW: 1.0 MHz.



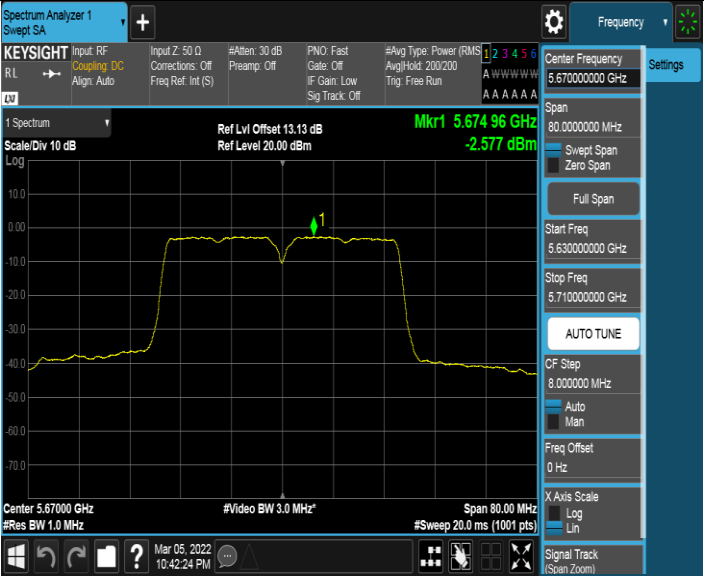


Test Mode	Test Channel	Verdict
11AC40	5590	PASS
		


Test Mode	Test Channel	Verdict
11AC40	5630	PASS
		



Test Mode	Test Channel	Verdict
11AC40	5670	PASS



Test Mode	Test Channel	Verdict
11AC40	5710_UNII-2C	PASS





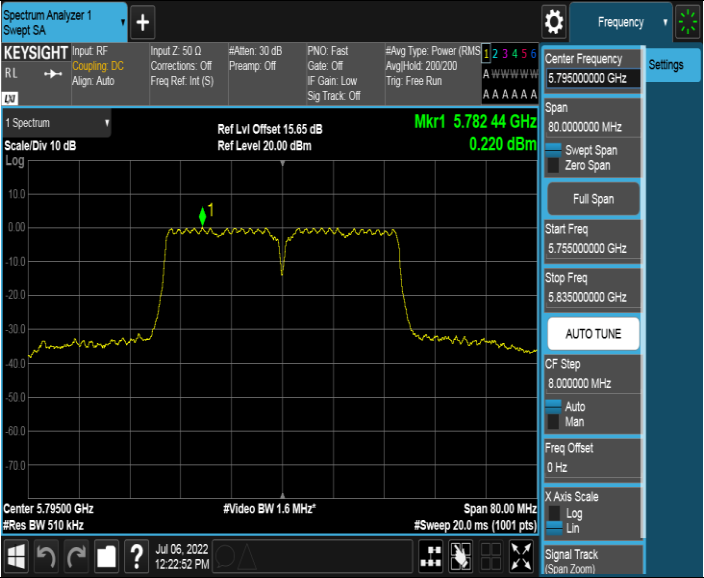
Test Mode	Test Channel	Verdict
11AC40	5710_UNII-3	PASS


The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a log-scale plot of a signal centered at 5.72504 GHz. The signal has a power level of -1.605 dBm. The plot shows a rectangular pulse shape. The interface includes various settings and controls, such as Center Frequency (5.71000000 GHz), Span (80.000000 MHz), and Resolution Bandwidth (1.6 MHz). The plot also shows a reference level of 20.00 dBm and a reference level offset of 14.92 dB. The interface includes a 'Settings' panel on the right with options for 'Full Span', 'Start Freq', 'Stop Freq', 'AUTO TUNE', 'CF Step', 'X Axis Scale', and 'Signal Track'.

Test Mode	Test Channel	Verdict
11AC40	5755	PASS

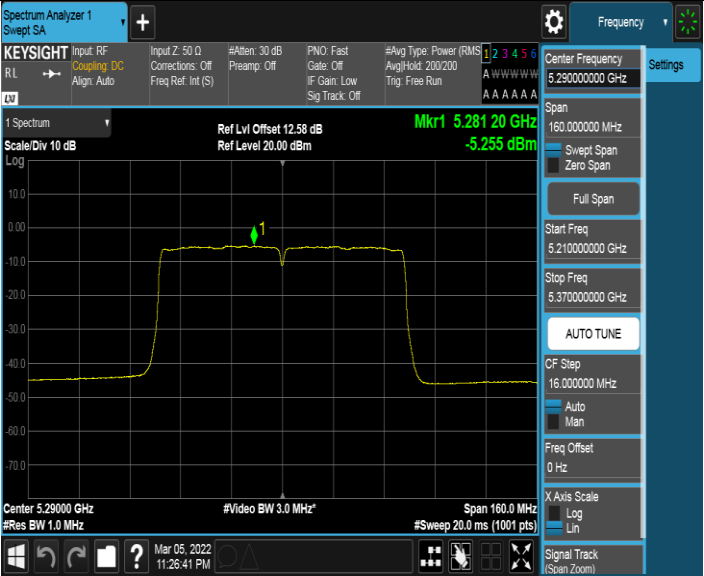
The screenshot shows a Keysight Spectrum Analyzer interface. The main display is a log-scale plot of a signal centered at 5.75004 GHz. The signal has a power level of -0.992 dBm. The plot shows a rectangular pulse shape. The interface includes various settings and controls, such as Center Frequency (5.75000000 GHz), Span (80.000000 MHz), and Resolution Bandwidth (1.6 MHz). The plot also shows a reference level of 20.00 dBm and a reference level offset of 14.92 dB. The interface includes a 'Settings' panel on the right with options for 'Full Span', 'Start Freq', 'Stop Freq', 'AUTO TUNE', 'CF Step', 'X Axis Scale', and 'Signal Track'.

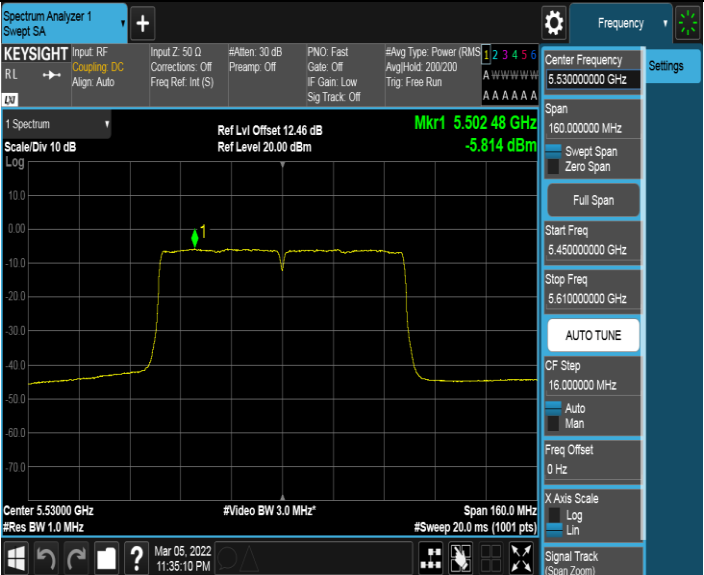


Test Mode	Test Channel	Verdict
11AC40	5795	PASS
		

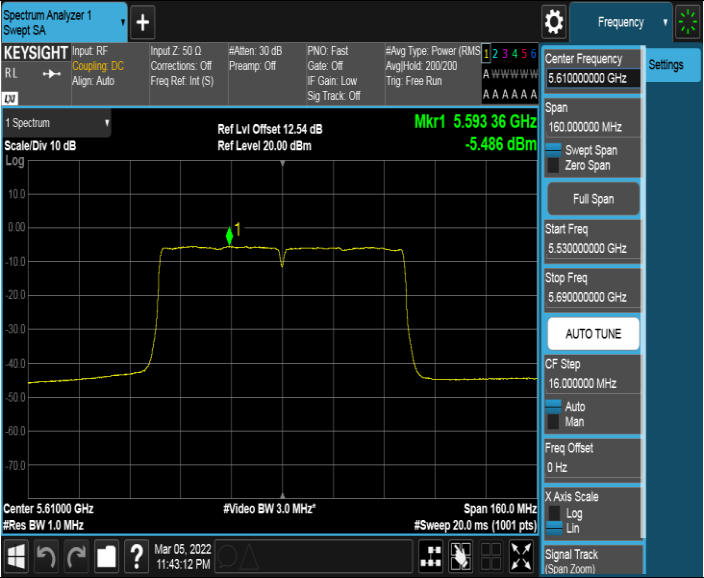
Test Mode	Test Channel	Verdict
11AC80	5210	PASS
		

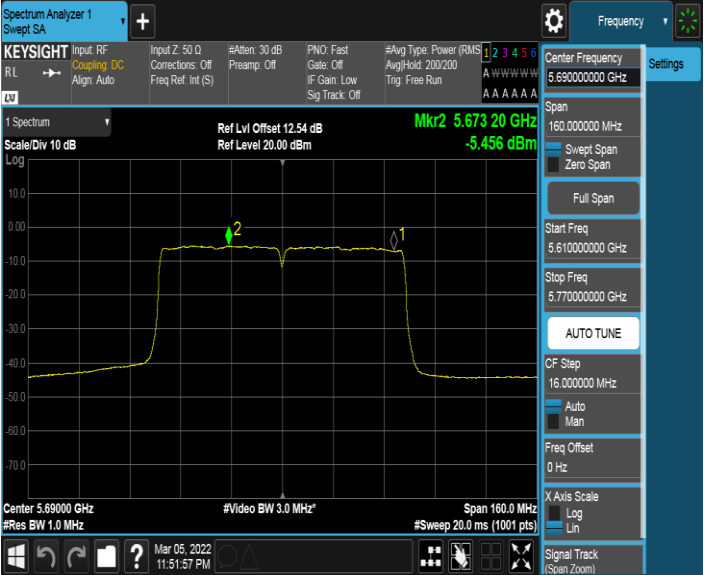


Test Mode	Test Channel	Verdict
11AC80	5290	PASS
		

Test Mode	Test Channel	Verdict
11AC80	5530	PASS
		



Test Mode	Test Channel	Verdict
11AC80	5610	PASS
		

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



Test Mode	Test Channel	Verdict
11AC80	5690_UNII-3	PASS
<p>The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a signal peak at 5.690 GHz. The power level is indicated as -7.650 dBm. The interface includes various settings such as Center Frequency (5.69000000 GHz), Span (160.000000 MHz), and Resolution Bandwidth (1.6 MHz). The plot shows a signal with a bandwidth of approximately 160 MHz centered at 5.69 GHz.</p>		

Test Mode	Test Channel	Verdict
11AC80	5775	PASS
<p>The screenshot displays the Keysight Spectrum Analyzer interface. The main display shows a spectrum plot with a signal peak at 5.775 GHz. The power level is indicated as -6.728 dBm. The interface includes various settings such as Center Frequency (5.77500000 GHz), Span (160.000000 MHz), and Resolution Bandwidth (1.6 MHz). The plot shows a signal with a bandwidth of approximately 160 MHz centered at 5.775 GHz.</p>		



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):

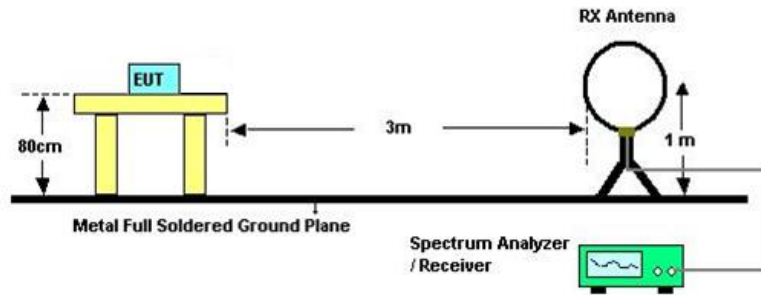
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
¹ 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	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			

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

²Above 38.6c

TEST SETUP AND PROCEDURE

Below 30 MHz

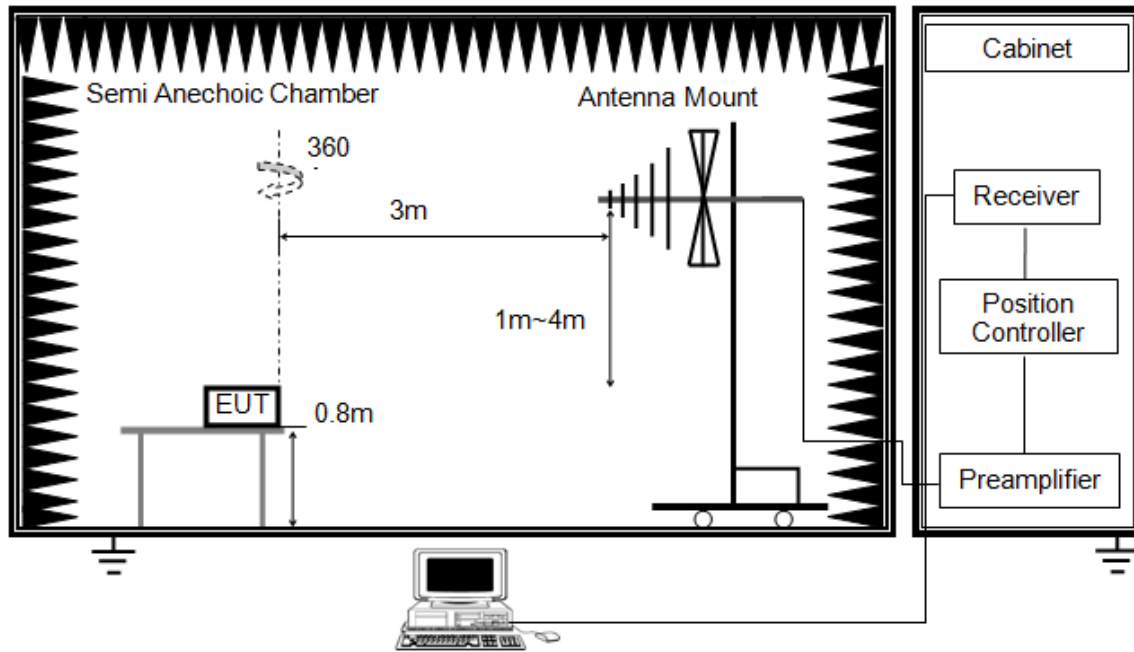


The setting of the spectrum analyser

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 and KDB 414788.
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 377 Ω . 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

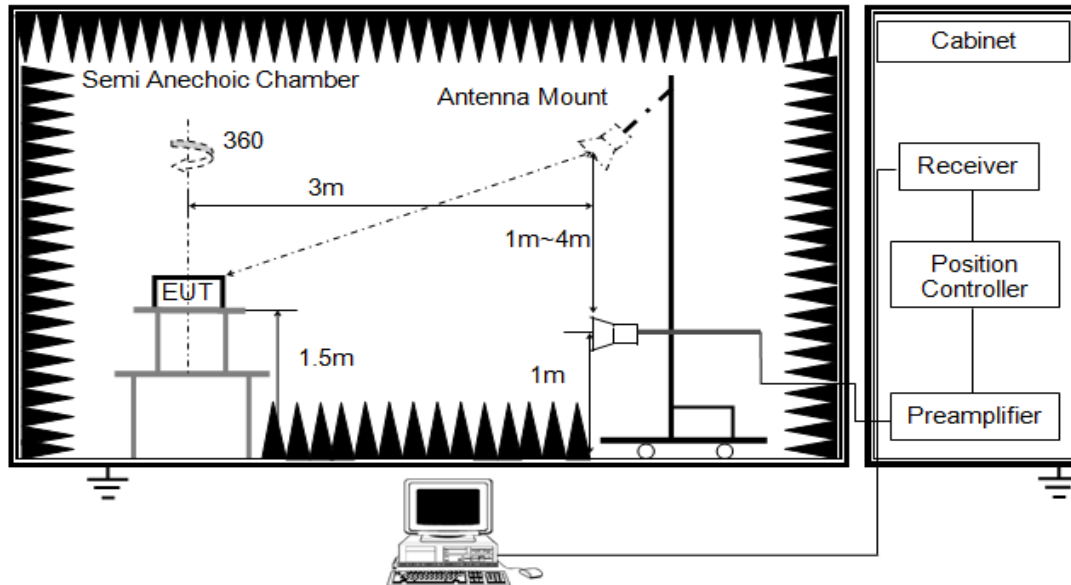


The setting of the spectrum analyser

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

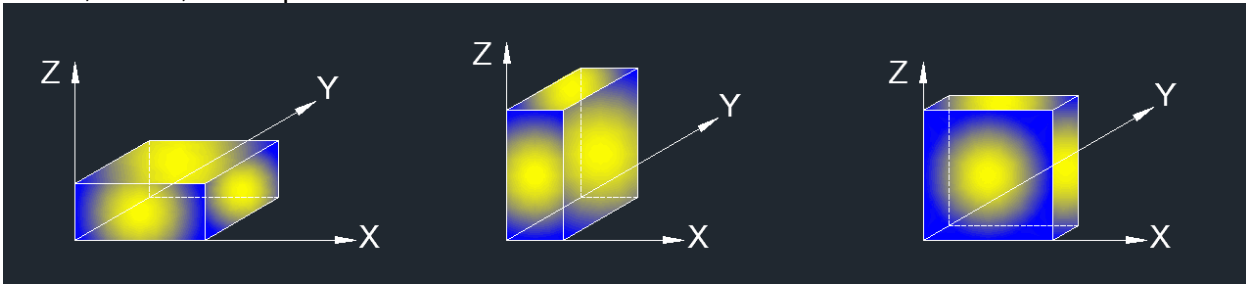


The setting of the spectrum analyzer

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see Remark 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 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.



7.1. RESTRICTED BANDEDGE

TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests
Relative Humidity	60%
Atmospheric Pressure:	100.2kPa
Temperature	25°C
Test Voltage	DC 3.3V
Test Date	03/25/2022-04/26/2022



TEST RESULT TABLE

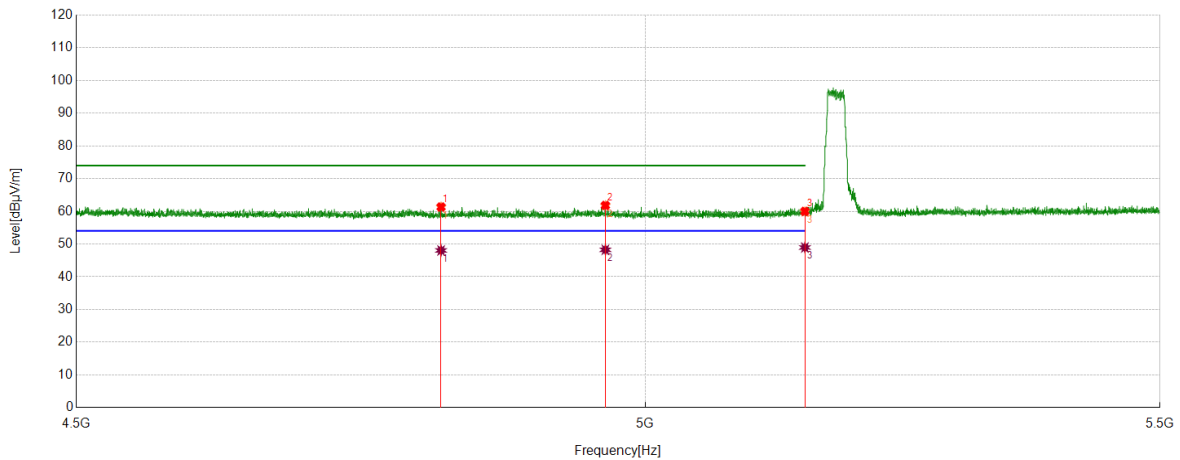
Antenna Type	Test Mode	Channel	P _u w(dBm)	Verdict
PCB Antenna & External Dipole Antenna	11A	5180	<Limit	PASS
		5200	<Limit	PASS
		5300	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5520	<Limit	PASS
		5680	<Limit	PASS
		5700	<Limit	PASS
		5745	<Limit	PASS
		5825	<Limit	PASS
	802.11ac VHT20	5180	<Limit	PASS
		5200	<Limit	PASS
		5300	<Limit	PASS
		5320	<Limit	PASS
		5500	<Limit	PASS
		5520	<Limit	PASS
		5680	<Limit	PASS
		5700	<Limit	PASS
		5745	<Limit	PASS
		5825	<Limit	PASS
	802.11ac VHT40	5190	<Limit	PASS
		5230	<Limit	PASS
		5270	<Limit	PASS
		5310	<Limit	PASS
		5510	<Limit	PASS
		5550	<Limit	PASS
		5630	<Limit	PASS
		5670	<Limit	PASS
		5755	<Limit	PASS
		5795	<Limit	PASS
	802.11ac VHT80	5210	<Limit	PASS
		5290	<Limit	PASS
		5530	<Limit	PASS
		5610	<Limit	PASS
		5775	<Limit	PASS

Note: 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.

TEST GRAPHS

Antenna Type 2: External Dipole Antenna

Test Mode	Channel	Polarization	Verdict
11A	5180	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4814.5315	41.85	19.45	61.30	74.00	-12.70	Horizontal
2	4963.2463	41.77	19.94	61.71	74.00	-12.29	Horizontal
3	5150	39.94	19.91	59.85	74.00	-14.15	Horizontal

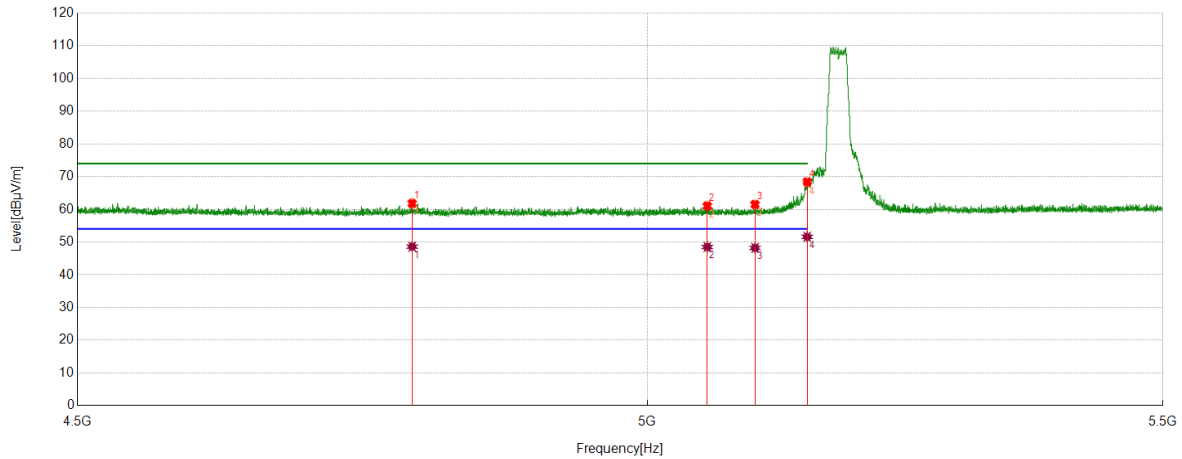
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4814.5315	28.60	19.45	48.05	54.00	-5.95	Horizontal
2	4963.2463	28.31	19.94	48.25	54.00	-5.75	Horizontal
3	5150	29.04	19.91	48.95	54.00	-5.05	Horizontal

- Remark: 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



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4787.3287	42.06	19.93	61.99	74.00	-12.01	Vertical
2	5055.7556	41.39	19.65	61.04	74.00	-12.96	Vertical
3	5100.5601	41.82	19.72	61.54	74.00	-12.46	Vertical
4	5150	48.14	19.91	68.05	74.00	-5.95	Vertical

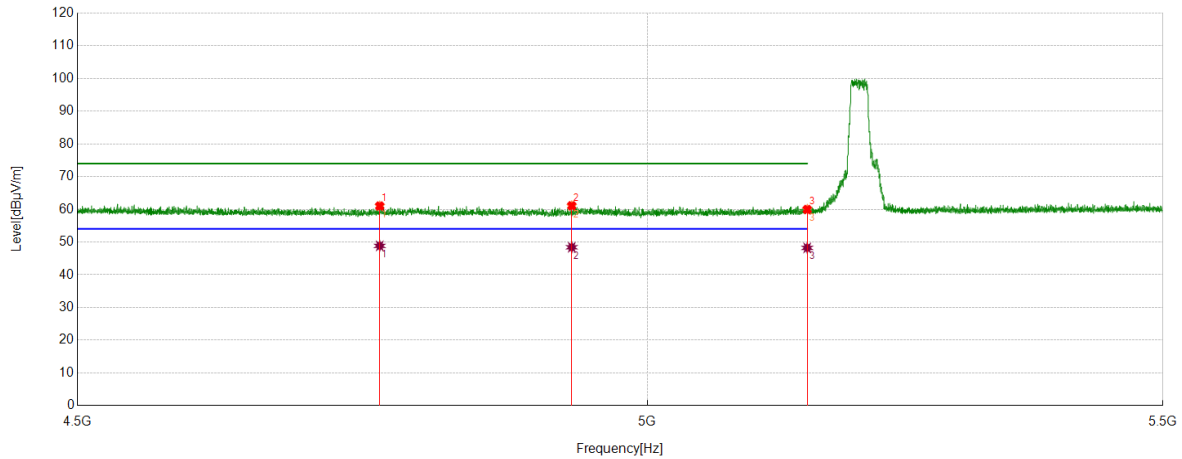
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4787.3287	28.67	19.93	48.60	54.00	-5.40	Vertical
2	5055.7556	28.83	19.65	48.48	54.00	-5.52	Vertical
3	5100.5601	28.49	19.72	48.21	54.00	-5.79	Vertical
4	5150	31.68	19.91	51.59	54.00	-2.41	Vertical

- Remark: 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	5200	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4758.7259	41.25	19.74	60.99	74.00	-13.01	Horizontal
2	4930.6431	41.2	19.81	61.01	74.00	-12.99	Horizontal
3	5150	40.04	19.91	59.95	74.00	-14.05	Horizontal

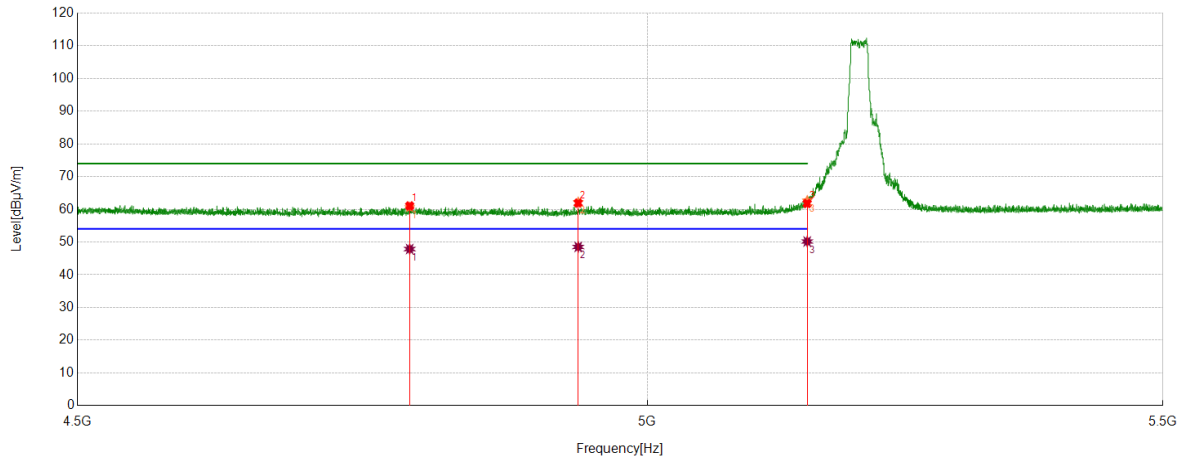
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4758.7259	29.09	19.74	48.83	54.00	-5.17	Horizontal
2	4930.6431	28.60	19.81	48.41	54.00	-5.59	Horizontal
3	5150	28.31	19.91	48.22	54.00	-5.78	Horizontal

- Remark: 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	5200	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4785.1357	40.78	19.85	60.63	74.00	-13.37	Vertical
2	4936.5437	42.05	20.15	62.20	74.00	-11.80	Vertical
3	5150	42.75	19.91	62.66	74.00	-11.34	Vertical

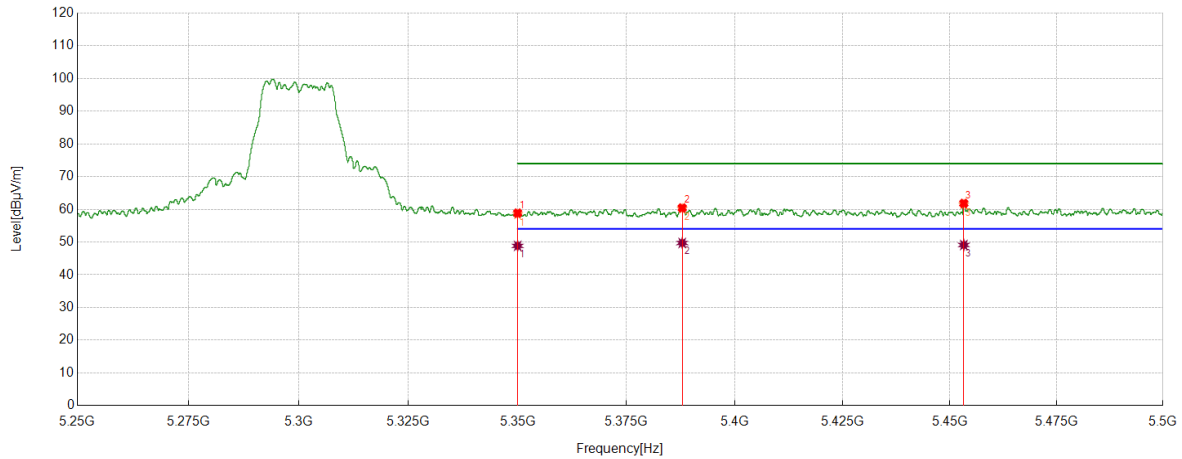
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	4785.1357	28.02	19.85	47.87	54.00	-6.13	Vertical
2	4936.5437	28.36	20.15	48.51	54.00	-5.49	Vertical
3	5150	30.26	19.91	50.17	54.00	-3.83	Vertical

- Remark: 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	5300	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	37.8	20.70	58.50	74.00	-15.50	Horizontal
2	5387.8638	39.05	21.10	60.15	74.00	-13.85	Horizontal
3	5453.2703	40.47	21.02	61.49	74.00	-12.51	Horizontal

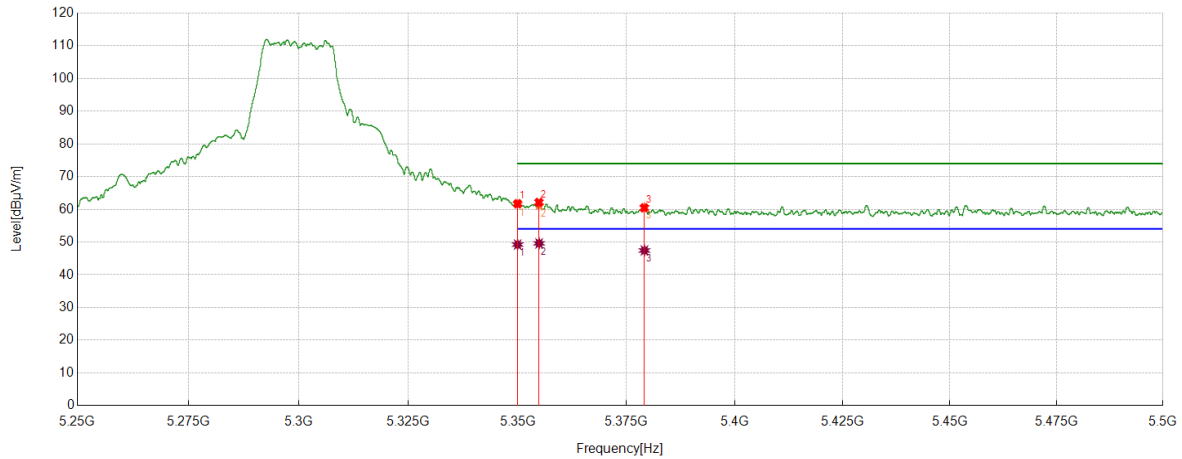
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	28.13	20.70	48.83	54.00	-5.17	Horizontal
2	5387.8638	28.62	21.10	49.72	54.00	-4.28	Horizontal
3	5453.2703	28.08	21.02	49.10	54.00	-4.90	Horizontal

- Remark: 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	5300	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	40.88	20.70	61.58	74.00	-12.42	Vertical
2	5354.9247	40.47	20.72	61.19	74.00	-12.81	Vertical
3	5379.1521	39.70	20.92	60.62	74.00	-13.38	Vertical

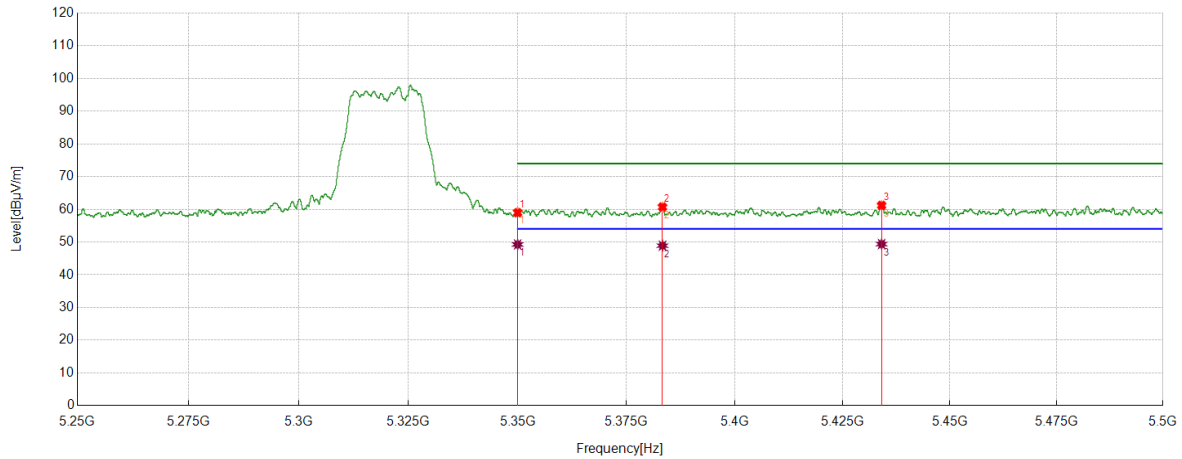
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	28.53	20.70	49.23	54.00	-4.77	Vertical
2	5354.9247	28.88	20.72	49.60	54.00	-4.40	Vertical
3	5379.1521	26.50	20.92	47.42	54.00	-6.58	Vertical

- Remark: 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



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	38.48	20.70	59.18	74.00	-14.82	Horizontal
2	5383.3133	39.72	21.00	60.72	74.00	-13.28	Horizontal
3	5434.0934	40.22	20.95	61.17	74.00	-12.83	Horizontal

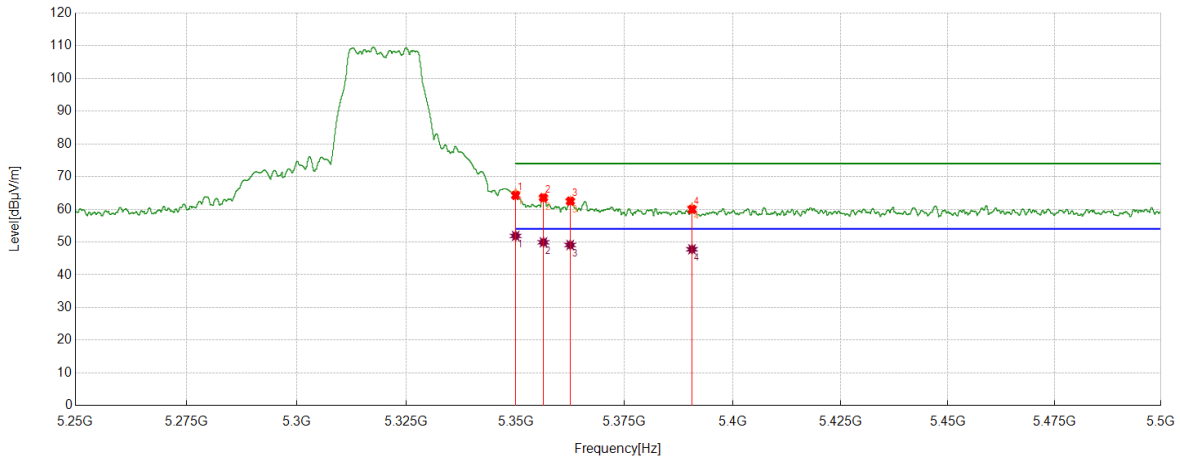
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	28.56	20.70	49.26	54.00	-4.74	Horizontal
2	5383.3133	27.90	21.00	48.90	54.00	-5.10	Horizontal
3	5434.0934	28.43	20.95	49.38	54.00	-4.62	Horizontal

- Remark: 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



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	44.19	20.70	64.89	74.00	-9.11	Vertical
2	5356.3818	42.59	20.73	63.32	74.00	-10.68	Vertical
3	5362.5263	41.74	20.80	62.54	74.00	-11.46	Vertical
4	5390.5791	39.35	21.14	60.49	74.00	-13.51	Vertical

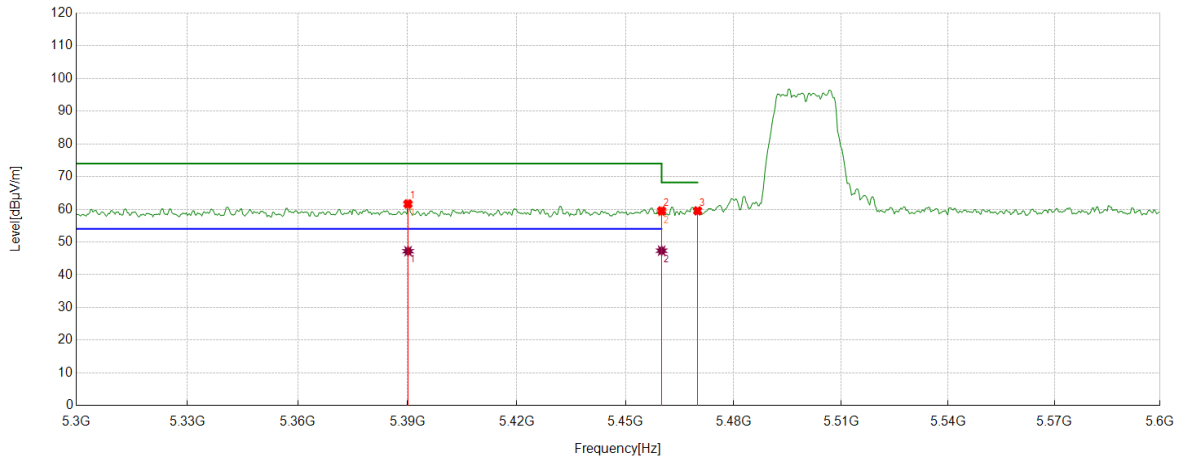
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5350	31.17	20.70	51.87	54.00	-2.13	Vertical
2	5356.3818	29.20	20.73	49.93	54.00	-4.07	Vertical
3	5362.5263	28.30	20.80	49.10	54.00	-4.90	Vertical
4	5390.5791	26.65	21.14	47.79	54.00	-6.21	Vertical

- Remark: 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



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5390.1205	40.37	21.15	61.52	74.00	-12.48	Horizontal
2	5460	38.19	21.03	59.22	74.00	-14.78	Horizontal
3	5470	38.44	21.10	59.54	68.20	-8.66	Horizontal

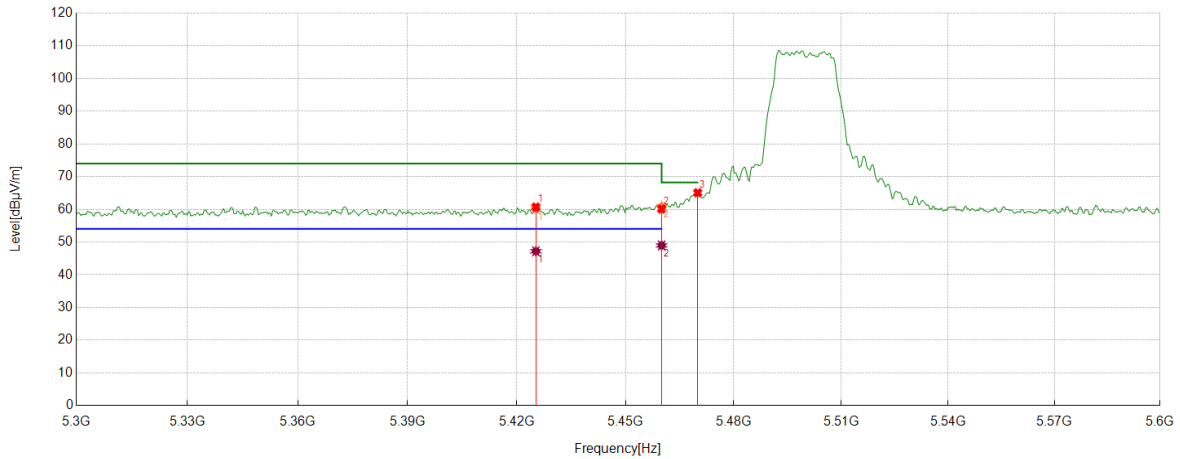
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5390.1205	26.06	21.15	47.21	54.00	-6.79	Horizontal
2	5460	26.33	21.03	47.36	54.00	-6.64	Horizontal

- Remark: 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



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5425.2418	39.25	20.92	60.17	74.00	-13.83	Vertical
2	5460	39.94	21.03	60.97	74.00	-13.03	Vertical
3	5470	43.96	21.10	65.06	68.20	-3.14	Vertical

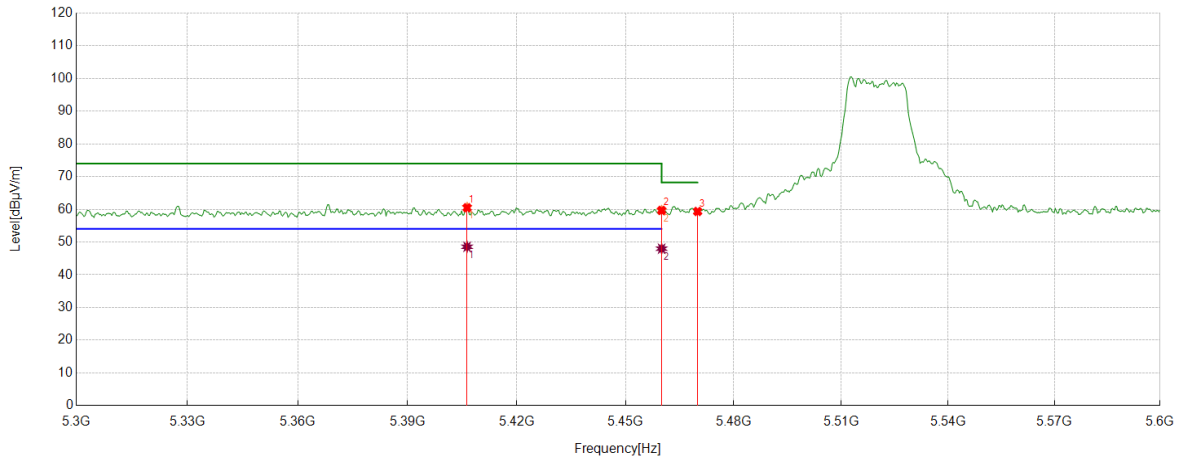
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5425.2418	26.26	20.92	47.18	54.00	-6.82	Vertical
2	5460	27.94	21.03	48.97	54.00	-5.03	Vertical

- Remark: 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	5520	Horizontal	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5406.3063	39.61	21.02	60.63	74.00	-13.37	Horizontal
2	5460	38.66	21.03	59.69	74.00	-14.31	Horizontal
3	5470	38.25	21.10	59.35	68.20	-8.85	Horizontal

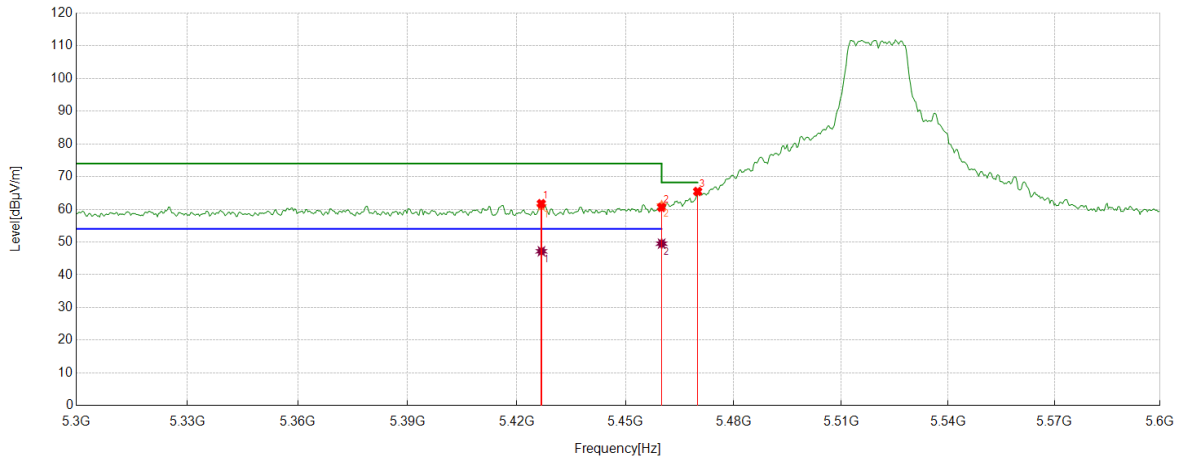
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5406.3063	27.53	21.02	48.55	54.00	-5.45	Horizontal
2	5460	26.95	21.03	47.98	54.00	-6.02	Horizontal

- Remark: 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	5520	Vertical	PASS



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5426.7645	40.07	20.92	60.99	74.00	-13.01	Vertical
2	5460	40.15	21.03	61.18	74.00	-12.82	Vertical
3	5470	44.35	21.10	65.45	68.20	-2.75	Vertical

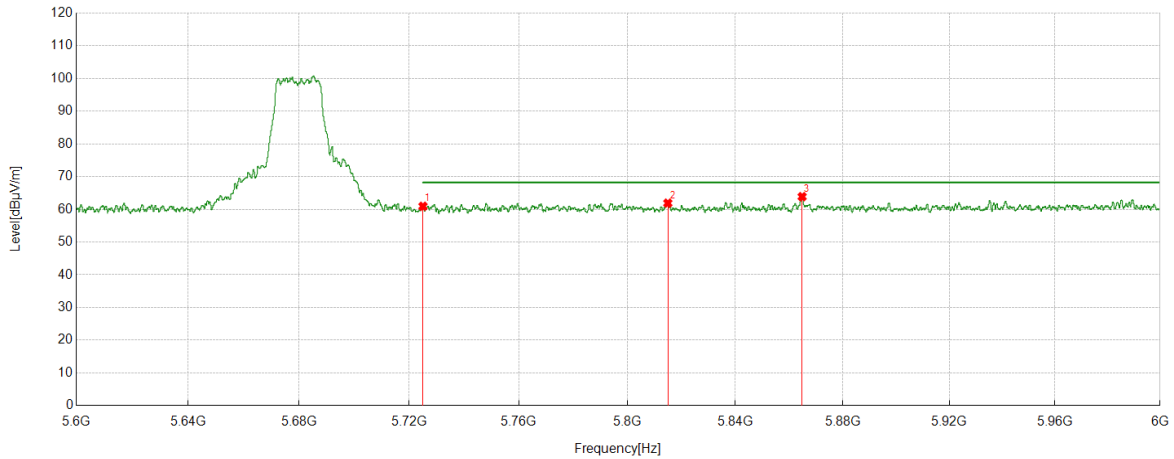
AV Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5426.7645	26.27	20.92	47.19	54.00	-6.81	Vertical
2	5460	28.49	21.03	49.52	54.00	-4.48	Vertical

- Remark: 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	5680	Horizontal	PASS



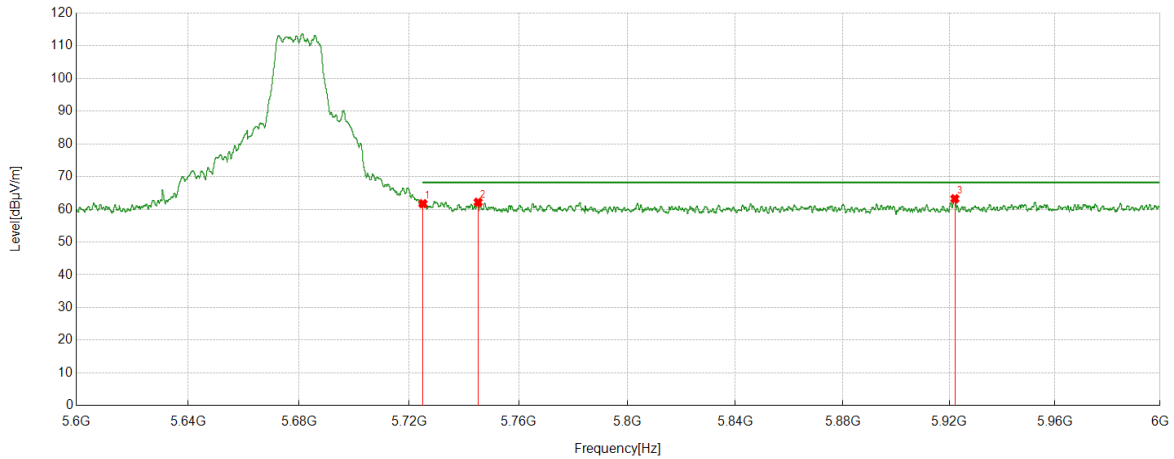
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5725	39.31	21.62	60.93	68.20	-7.27	Horizontal
2	5814.9415	40.02	21.87	61.89	68.20	-6.31	Horizontal
3	5864.8665	41.98	21.89	63.87	68.20	-4.33	Horizontal

- Remark: 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	5680	Vertical	PASS



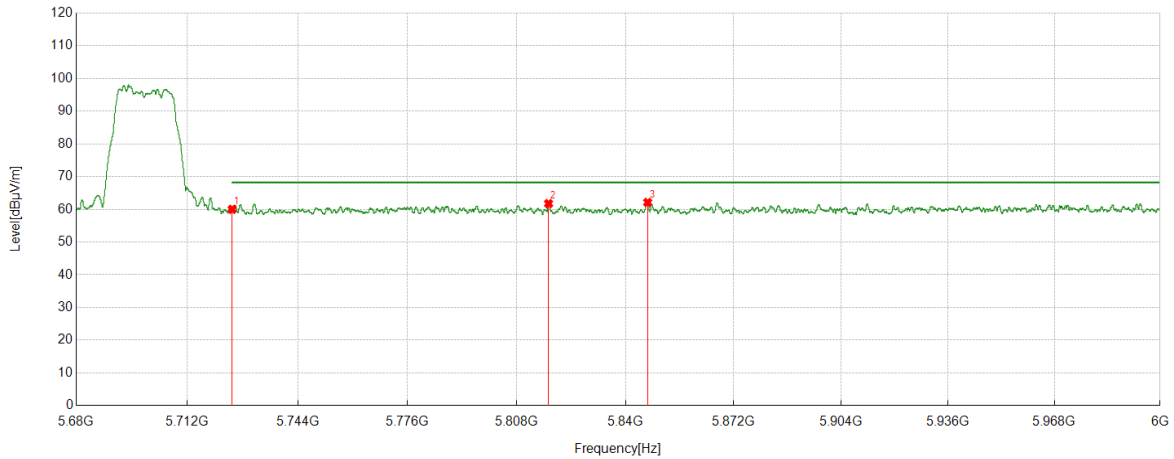
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5725	40.10	21.62	61.72	68.20	-6.48	Vertical
2	5745.1345	40.56	21.60	62.16	68.20	-6.04	Vertical
3	5922.1522	41.16	22.07	63.23	68.20	-4.97	Vertical

- Remark: 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	5700	Horizontal	PASS



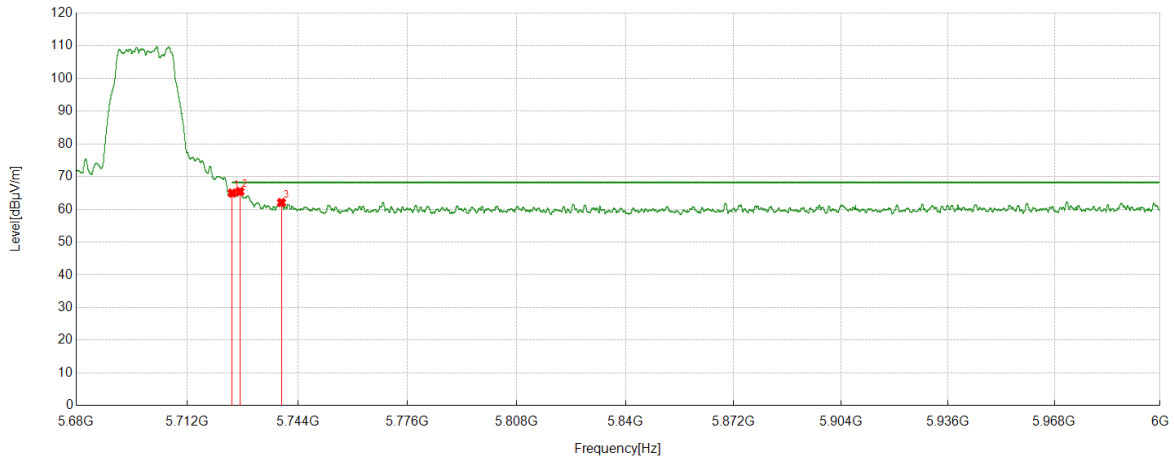
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5725	38.39	21.62	60.01	68.20	-8.19	Horizontal
2	5817.3257	39.89	21.86	61.75	68.20	-6.45	Horizontal
3	5846.5447	40.13	21.98	62.11	68.20	-6.09	Horizontal

- Remark: 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	5700	Vertical	PASS



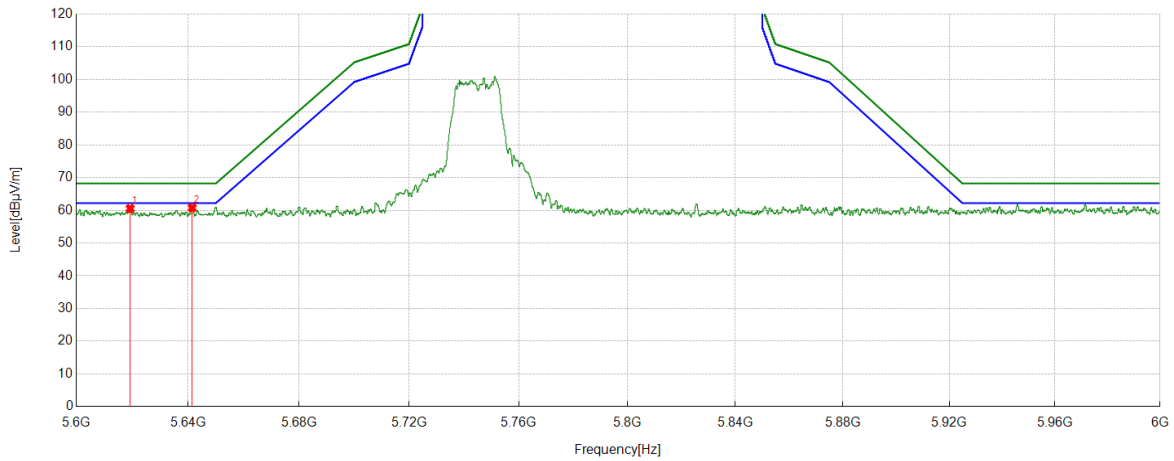
PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5725	43.35	21.62	64.97	68.20	-3.23	Vertical
2	5727.2367	43.83	21.60	65.43	68.20	-2.77	Vertical
3	5739.2699	40.48	21.59	62.07	68.20	-6.13	Vertical

- Remark: 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



PK Result:

No.	Frequency	Reading Level	Correct Factor	Result	Limit	Margin	Remark
	[MHz]	[dBuV/m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
1	5619.2819	39.02	21.53	60.55	68.20	-7.65	Horizontal
2	5641.5242	39.22	21.53	60.75	68.20	-7.45	Horizontal

- Remark: 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.