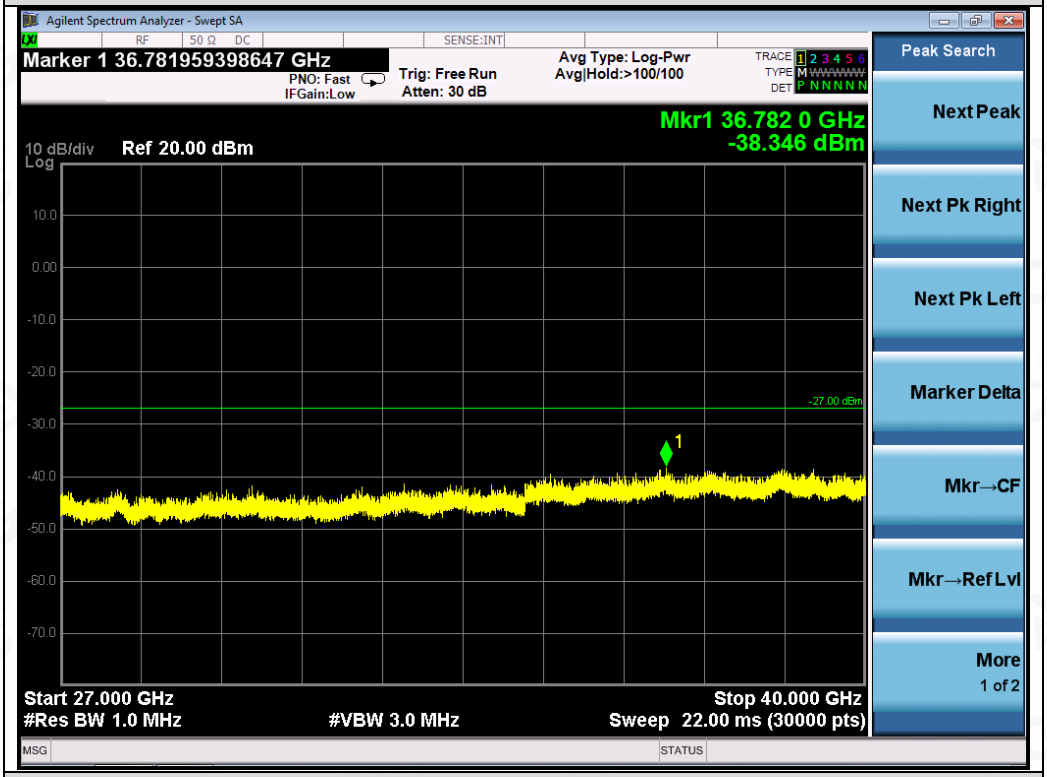
Test_Graph_802.11n20_ANT1_5825_MCS0_Frequency Band4



Test_Graph_802.11n20_ANT1_5825_MCS0_Frequency Band5

Note: All the 10MHz/20MHz bandwidth modulation had been tested. All the antennas have been pre-tested, and all modes of each antenna are tested. The antenna 1(10MHz bandwidth) in OFDM with data rate 6 modulation and antenna 1 802.11a mode is the worst case and recorded in the test report. For OFDM(10MHz bandwidth) with data MCS0 modulation and 802.11n mode, the worst case Antenna 1 has more than 3dB margins, so the MIMO mode also compliance the limit.

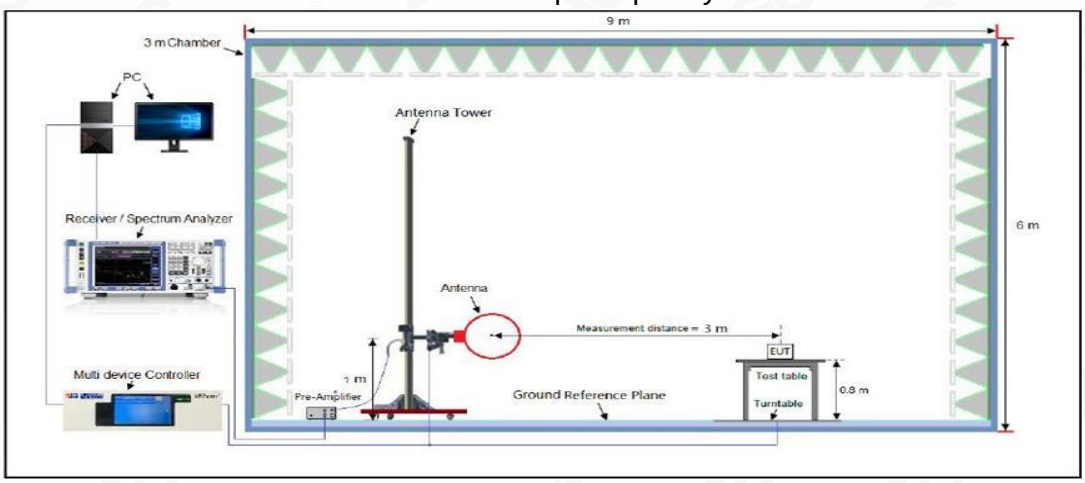
11. RADIATED EMISSION

11.1. MEASUREMENT PROCEDURE

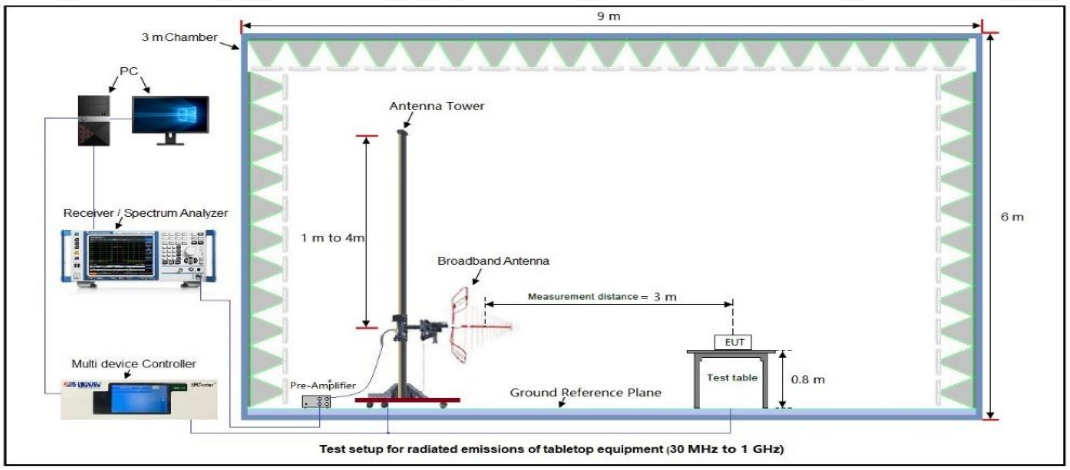
1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz RBW and 3M VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
8. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.

11.2. TEST SETUP

Radiated Emission Test-Setup Frequency Below 30MHz

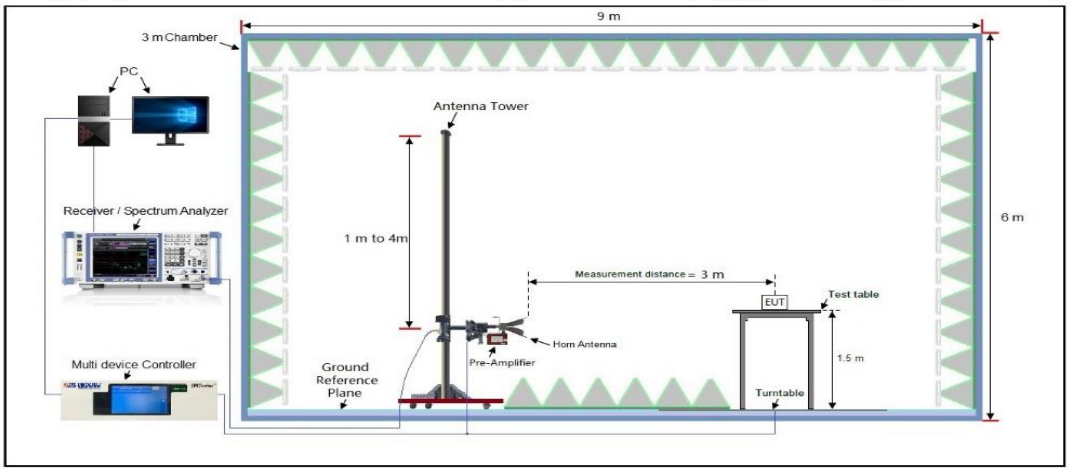


RADIATED EMISSION TEST SETUP 30MHz-1000MHz



Test setup for radiated emissions of tabletop equipment (30 MHz to 1 GHz)

RADIATED EMISSION TEST SETUP ABOVE 1000MHz



11.3. LIMITS AND MEASUREMENT RESULT

15.209(a) Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

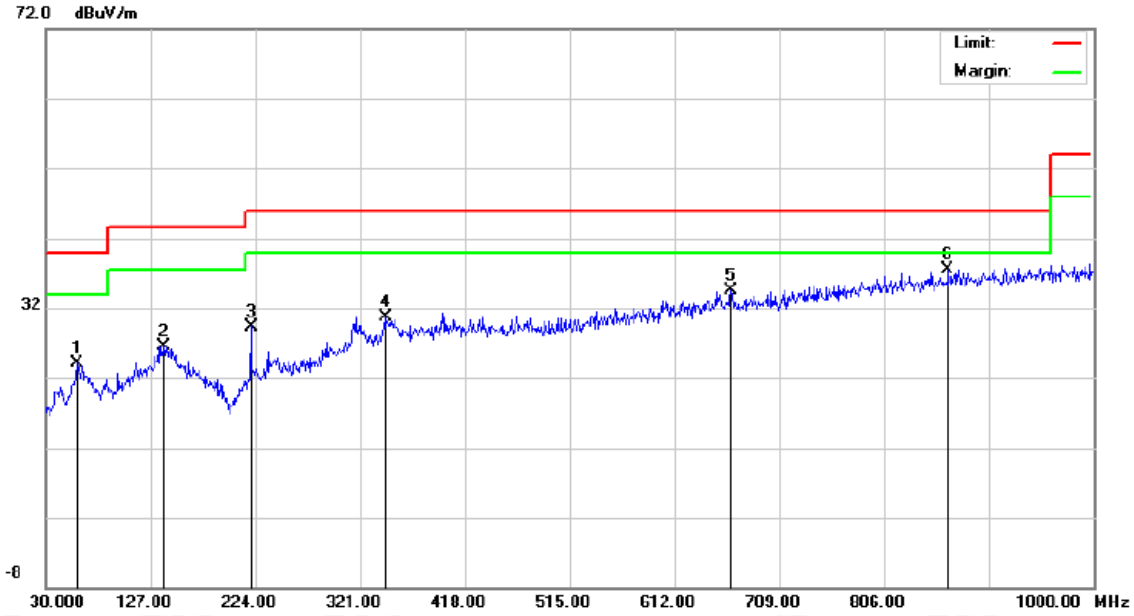
11.4. TEST RESULT

Radiated emission below 30MHz

The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

Radiated emission from 30MHz to 1000MHz

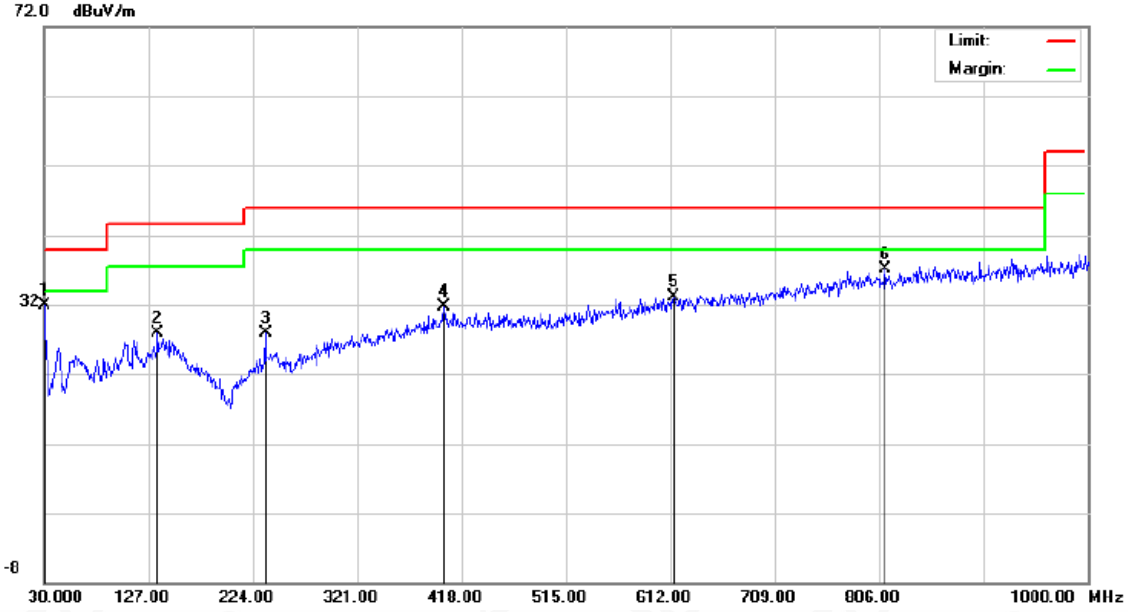
EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25℃	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		59.1000	6.55	17.50	24.05	40.00	-15.95	peak
2		139.6100	5.43	21.17	26.60	43.50	-16.90	peak
3		220.1200	12.15	17.25	29.40	46.00	-16.60	peak
4		344.2800	7.73	23.02	30.75	46.00	-15.25	peak
5		664.3800	6.71	27.72	34.43	46.00	-11.57	peak
6	*	865.1700	6.30	31.25	37.55	46.00	-8.45	peak

RESULT: PASS

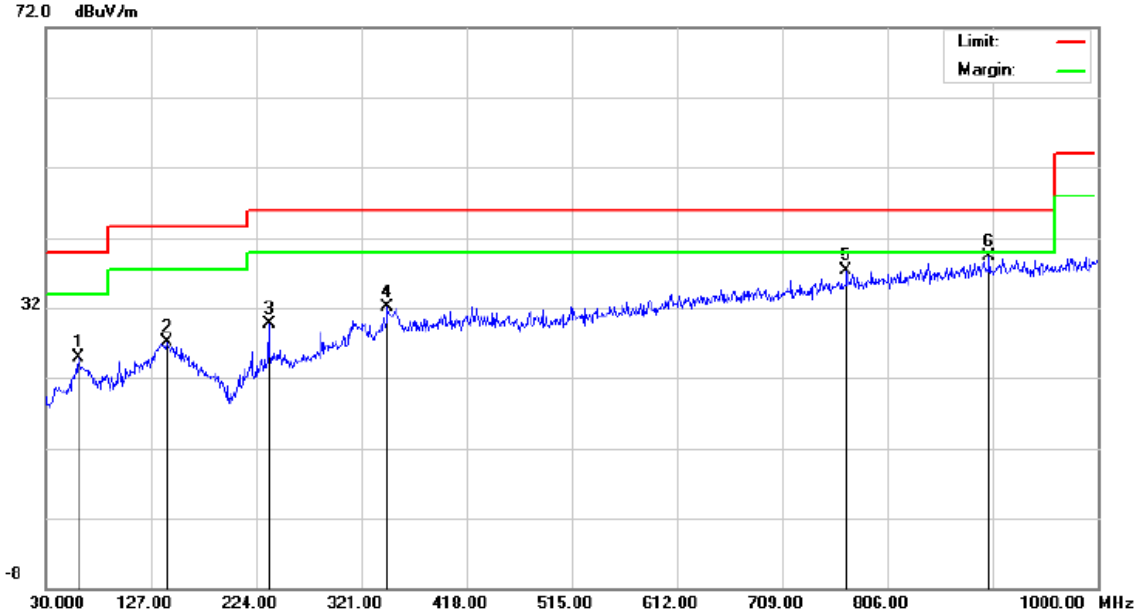
EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	30.0000	19.75	12.17	31.92	40.00	-8.08	peak
2		135.7300	7.42	20.53	27.95	43.50	-15.55	peak
3		235.6400	9.63	18.35	27.98	46.00	-18.02	peak
4		401.5100	6.71	24.98	31.69	46.00	-14.31	peak
5		614.9099	5.88	27.13	33.01	46.00	-12.99	peak
6		811.8200	6.55	30.56	37.11	46.00	-8.89	peak

RESULT: PASS

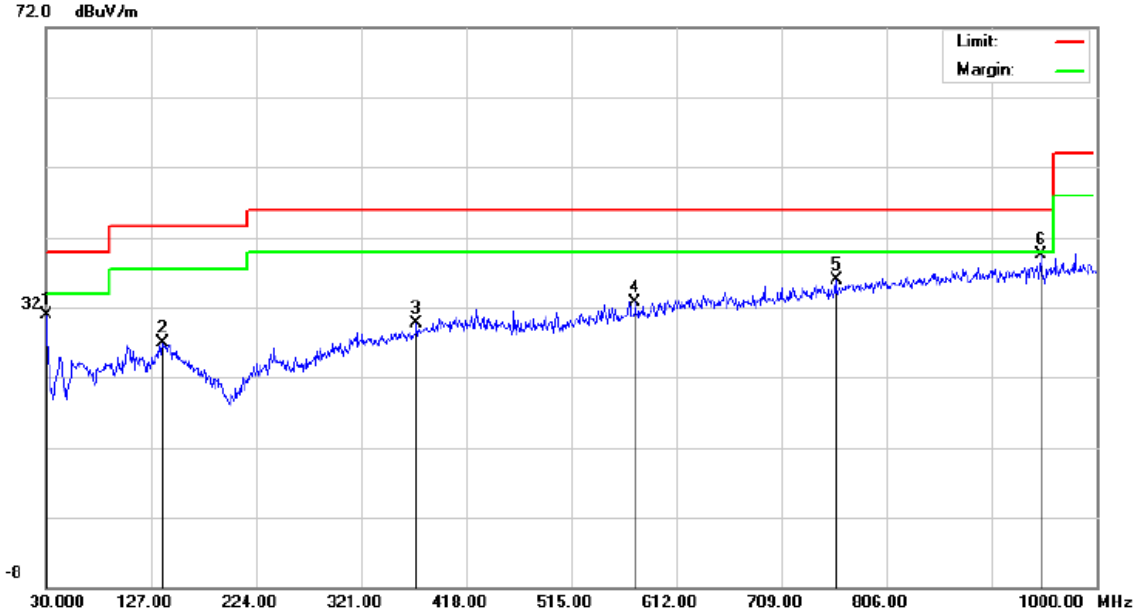
EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25℃	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		60.0700	7.03	17.86	24.89	40.00	-15.11	peak
2		141.5500	6.01	21.07	27.08	43.50	-16.42	peak
3		235.6400	11.30	18.35	29.65	46.00	-16.35	peak
4		345.2500	8.97	23.06	32.03	46.00	-13.97	peak
5		768.1700	7.55	29.69	37.24	46.00	-8.76	peak
6	*	900.0900	7.58	31.70	39.28	46.00	-6.72	peak

RESULT: PASS

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		30.0000	18.65	12.17	30.82	40.00	-9.18	peak
2		137.6700	6.07	20.85	26.92	43.50	-16.58	peak
3		372.4100	5.79	24.01	29.80	46.00	-16.20	peak
4		574.1700	6.25	26.44	32.69	46.00	-13.31	peak
5		759.4400	6.41	29.49	35.90	46.00	-10.10	peak
6	*	948.5900	7.42	32.12	39.54	46.00	-6.46	peak

RESULT: PASS

Note: All the 10MHz/20MHz bandwidth modulation had been tested. All the antennas have been pre-tested, and all modes of each antenna are tested. The antenna 1 in 802.11a mode at 5180MHz and 5745MHz modulation is the worst case and recorded in the test report.

Factor = Antenna Factor + Cable loss - Amplifier gain, Margin= Limit-Level.

The “Factor” value can be calculated automatically by software of measurement system.

Radiated emission above 1GHz

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25℃	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal/Vertical

RADIATED EMISSION ABOVE 1GHZ–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10360.042	46.38	9.14	55.52	68.20	-12.68	peak
15540.063	40.57	10.22	50.79	74.00	-23.21	peak
15540.063	31.68	10.22	41.90	54.00	-12.10	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10360.042	46.23	9.14	55.37	68.20	-12.83	peak
15540.063	41.37	10.22	51.59	74.00	-22.41	peak
15540.063	30.56	10.22	40.78	54.00	-13.22	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5200MHz	Antenna	Horizontal/Vertical

RADIATED EMISSION ABOVE 1GHZ–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10400.042	47.35	9.14	56.49	68.20	-11.71	peak
15600.063	42.16	10.22	52.38	74.00	-21.62	peak
15600.063	33.07	10.22	43.29	54.00	-10.71	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10400.042	46.37	9.14	55.51	68.20	-12.69	peak
15600.063	40.57	10.22	50.79	74.00	-23.21	peak
15600.063	31.49	10.22	41.71	54.00	-12.29	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5240MHz	Antenna	Horizontal/Vertical

RADIATED EMISSION ABOVE 1GHZ–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10480.042	48.35	9.27	57.62	68.20	-10.58	peak
15720.063	42.19	10.38	52.57	74.00	-21.43	peak
15720.063	65.24	10.38	75.62	54.00	21.62	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
10480.042	46.37	9.27	55.64	68.20	-12.56	peak
15720.063	42.16	10.38	52.54	74.00	-21.46	peak
15720.063	31.57	10.38	41.95	54.00	-12.05	AVG
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5745MHz	Antenna	Horizontal/Vertical

RADIATED EMISSION ABOVE 1GHZ–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11490.042	46.38	9.42	55.80	74.00	-18.20	peak
11490.042	37.51	9.42	46.93	54.00	-7.07	AVG
17235.063	40.23	10.51	50.74	68.20	-17.46	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11490.042	46.23	9.42	55.65	74.00	-18.35	peak
11490.042	36.57	9.42	45.99	54.00	-8.01	AVG
17235.063	40.28	10.51	50.79	68.20	-17.41	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5785MHz	Antenna	Horizontal/Vertical

RADIATED EMISSION ABOVE 1GHZ–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11570.042	46.23	9.42	55.65	74.00	-18.35	peak
11570.042	36.87	9.42	46.29	54.00	-7.71	AVG
17355.063	41.29	10.51	51.80	68.20	-16.40	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11570.042	46.51	9.42	55.93	74.00	-18.07	peak
11570.042	35.27	9.42	44.69	54.00	-9.31	AVG
17355.063	42.19	10.51	52.70	68.20	-15.50	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	60%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5825MHz	Antenna	Horizontal/Vertical

RADIATED EMISSION ABOVE 1GHZ–Horizontal

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11650.042	47.59	9.62	52.98	74.00	-21.02	peak
11650.042	38.53	9.62	45.05	54.00	-8.95	AVG
17475.063	42.57	10.75	47.61	68.20	-26.39	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RADIATED EMISSION ABOVE 1GHZ–Vertical

Frequency (MHz)	Meter Reading (dBμV)	Factor (dB)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Value Type
11650.042	46.38	9.62	53.55	74.00	-20.45	peak
11650.042	36.95	9.62	47.64	54.00	-6.36	AVG
17475.063	41.05	10.75	48.61	68.20	-25.39	peak
Remark:						
Factor = Antenna Factor + Cable Loss – Pre-amplifier.						

RESULT: PASS

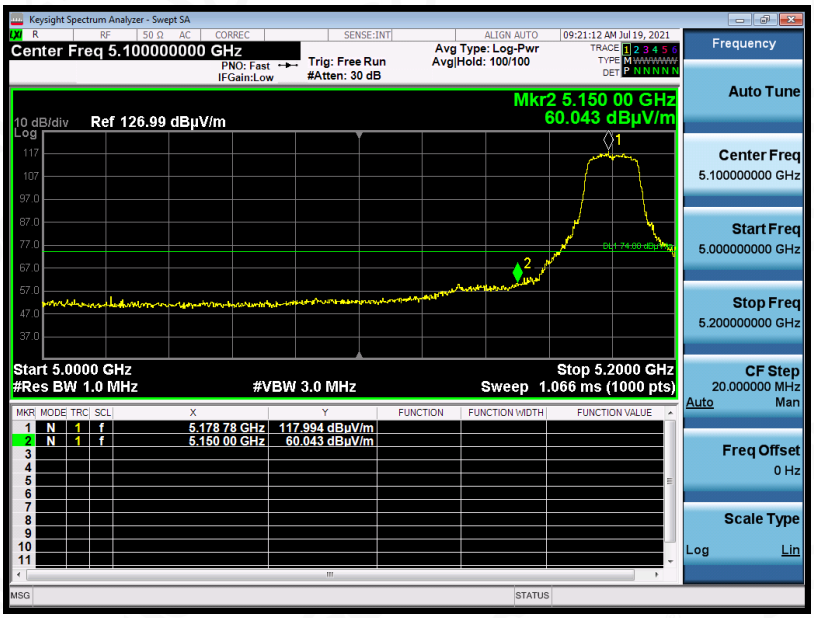
Note:

1. All the 10MHz/20MHz bandwidth modulation had been tested. All the antennas have been pre-tested, and all modes of each antenna are tested. The antenna 1 in 802.11a20 mode is the worst case and recorded in the test report.
2. Other frequencies radiation emission from 1GHz to 40GHz at least have 20dB margin and not recorded in the test report.
3. Factor = Antenna Factor + Cable loss - Amplifier gain, Margin= Emission Level-Limit.
4. The “Factor” value can be calculated automatically by software of measurement system.

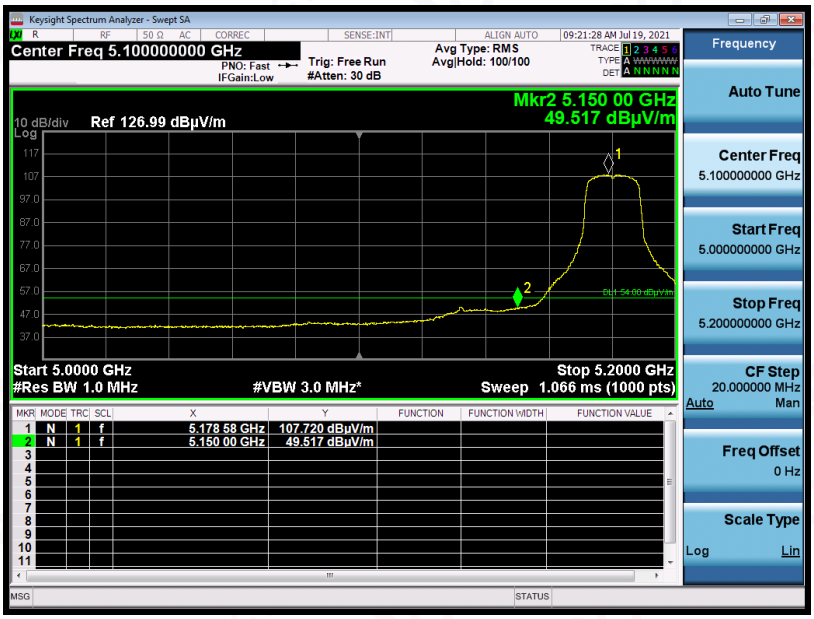
Test result for band edge emission at restricted bands

EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Horizontal

Test Graph for Peak Measurement

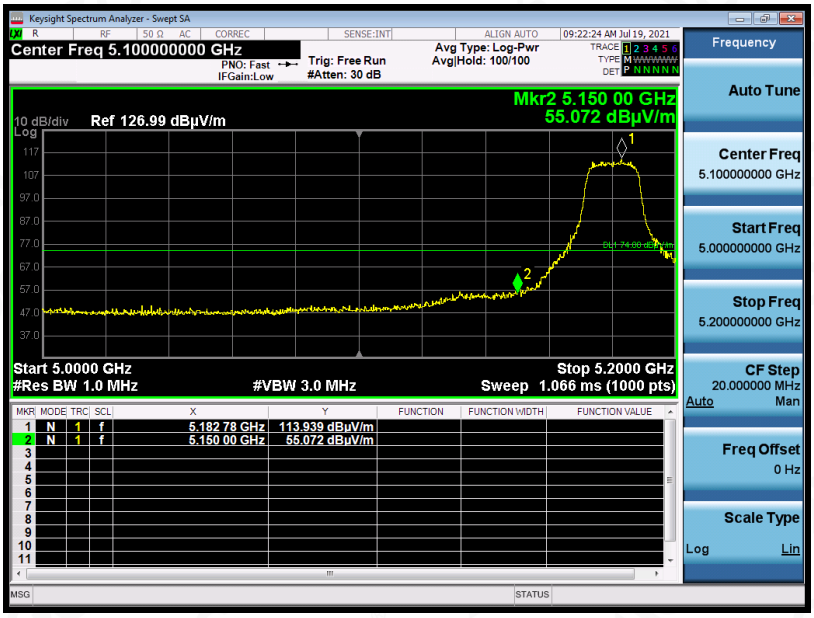


Test Graph for Average Measurement

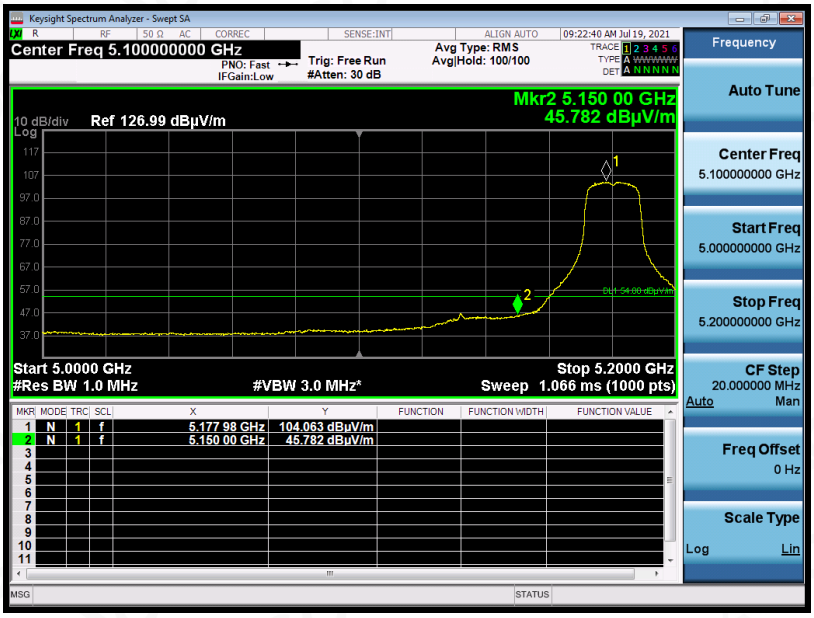


EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25°C	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11a20 5180MHz	Antenna	Vertical

Test Graph for Peak Measurement

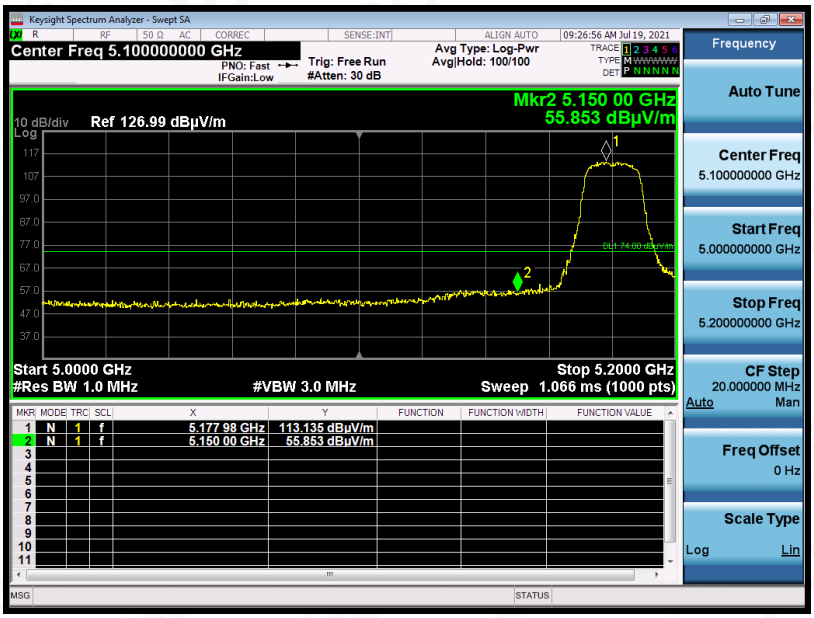


Test Graph for Average Measurement

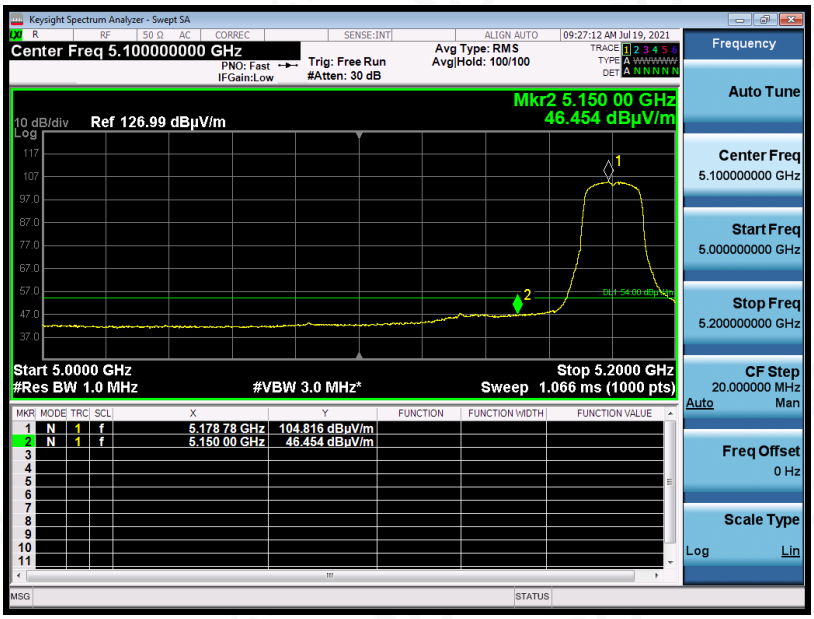


EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 5180MHz	Antenna	Horizontal

Test Graph for Peak Measurement

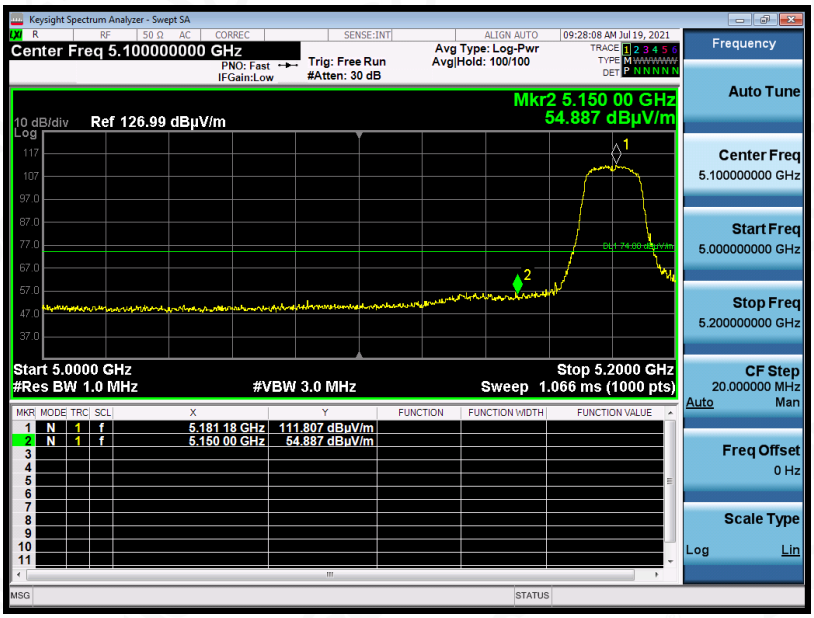


Test Graph for Average Measurement

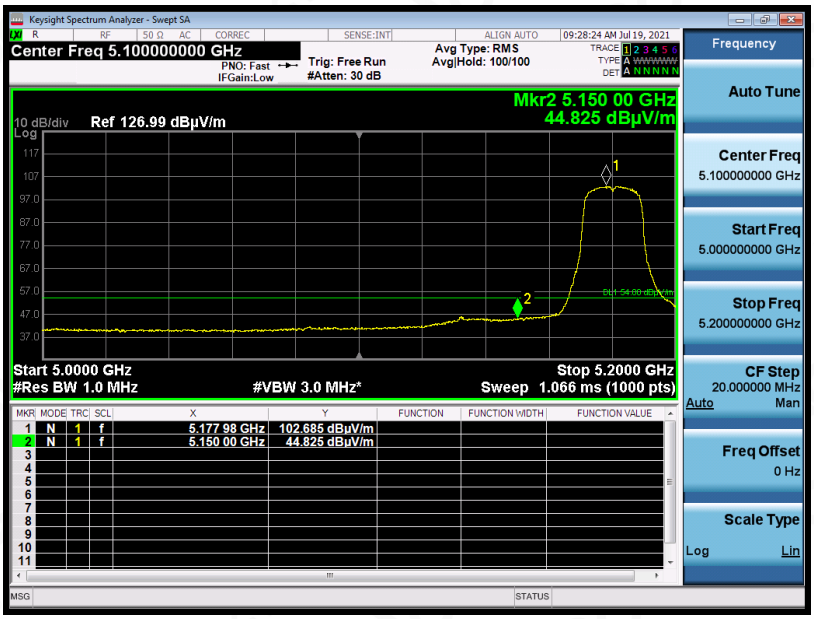


EUT	PARROT SKYCONTROLLER 4	Model Name	MPP4
Temperature	25℃	Relative Humidity	55.4%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n20 5180MHz	Antenna	Vertical

Test Graph for Peak Measurement



Test Graph for Average Measurement



RESULT: PASS

Note:

1. All the 10MHz/20MHz bandwidth modulation had been tested. All the antennas have been pre-tested, and all modes of each antenna are tested. The antenna 1 in 802.11a mode is the worst case and recorded in the test report.
2. The 802.11n mode, antenna 1+2 is the worst case and recorded in the report.
3. The factor had been edited in the “Input Correction” of the Spectrum Analyzer.
4. Only the data of band edge emission at the restricted band 4.5GHz-5.15GHz and 5.35GHz-5.46GHz record in the report. Other restricted band 7.25GHz-7.77GHz were considered as ambient noise. No recording in the test report.
5. The sideband standard of Band 4 frequency band is not defined, the transmitted signal does not fall in the restricted band, and the edge signal is far away from the edge of other restricted bands, and it is not recorded in the report.

12. LINE CONDUCTED EMISSION TEST

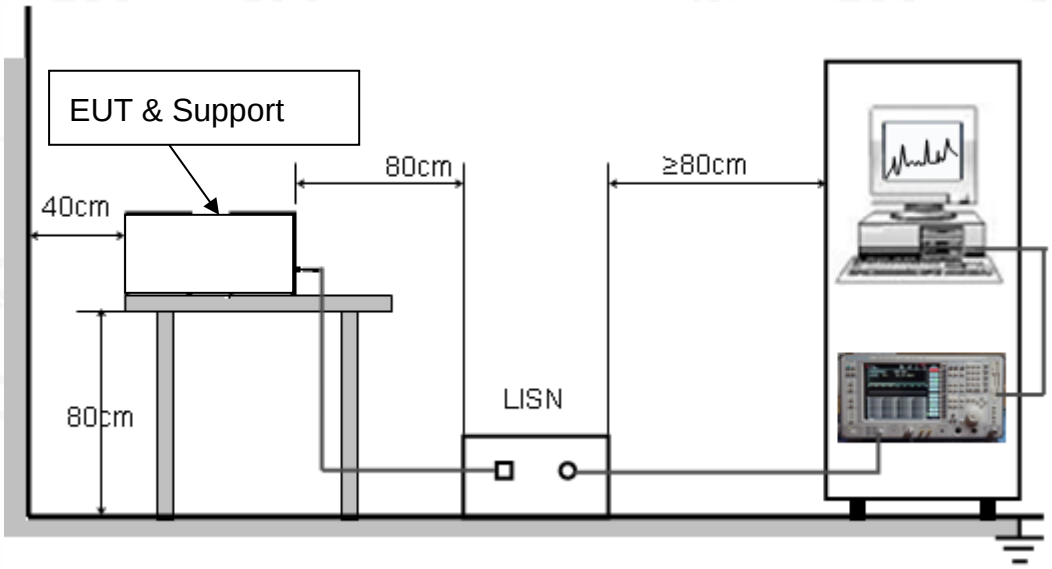
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

Frequency	Maximum RF Line Voltage	
	Q.P (dBμV)	Average (dBμV)
150kHz~500kHz	66-56	56-46
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Note:

1. The lower limit shall apply at the transition frequency.
2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz.

12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



12.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. All support equipment received AC120V/60Hz power from a LISN, if any.
5. The EUT received charging voltage by adapter which received 120V/60Hzpower by a LISN.
6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 Ohm load; the second scan had Line 1 connected to a 50 Ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.
9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

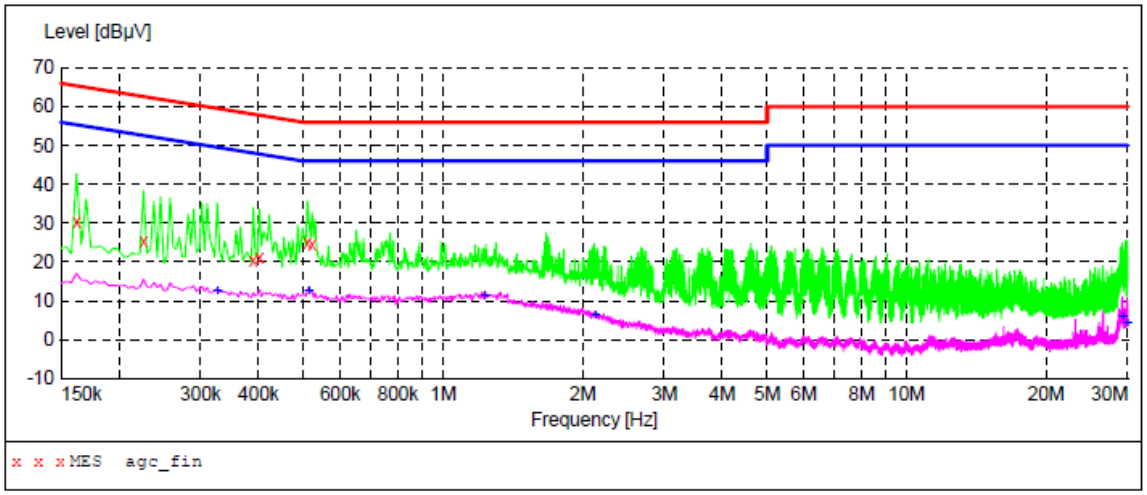
12.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
3. The test data of the worst case was reported on the Summary Data page.

12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

5.15-5.25 GHz

LINE CONDUCTED EMISSION TEST-L



MEASUREMENT RESULT: "agc_fin"

2021/4/25 21:45

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.162000	30.50	12.4	65	34.9	QP	L1
0.226000	25.50	12.4	63	37.1	QP	L1
0.390000	20.20	12.4	58	37.9	QP	L1
0.402000	21.10	12.4	58	36.7	QP	L1
0.510000	24.90	12.4	56	31.1	QP	L1
0.522000	24.70	12.4	56	31.3	QP	L1

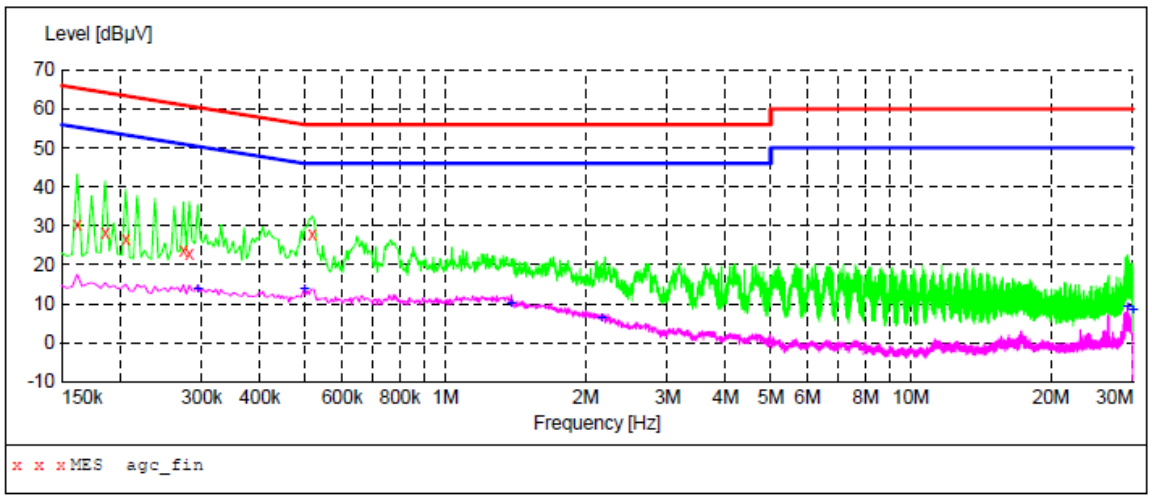
MEASUREMENT RESULT: "agc_fin2"

2021/4/25 21:45

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.326000	12.60	12.4	50	37.0	AV	L1
0.514000	12.70	12.4	46	33.3	AV	L1
1.230000	11.30	12.4	46	34.7	AV	L1
2.130000	6.20	12.5	46	39.8	AV	L1
29.214000	5.70	15.5	50	44.3	AV	L1
29.890000	4.20	15.6	50	45.8	AV	L1

RESULT: PASS

LINE CONDUCTED EMISSION TEST-N



MEASUREMENT RESULT: "agc_fin"

2021/4/25 22:05

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.162000	30.50	12.4	65	34.9	QP	N
0.186000	28.40	12.4	64	35.8	QP	N
0.206000	26.70	12.4	63	36.7	QP	N
0.274000	23.50	12.4	61	37.5	QP	N
0.282000	22.90	12.4	61	37.9	QP	N
0.518000	27.80	12.4	56	28.2	QP	N

MEASUREMENT RESULT: "agc_fin2"

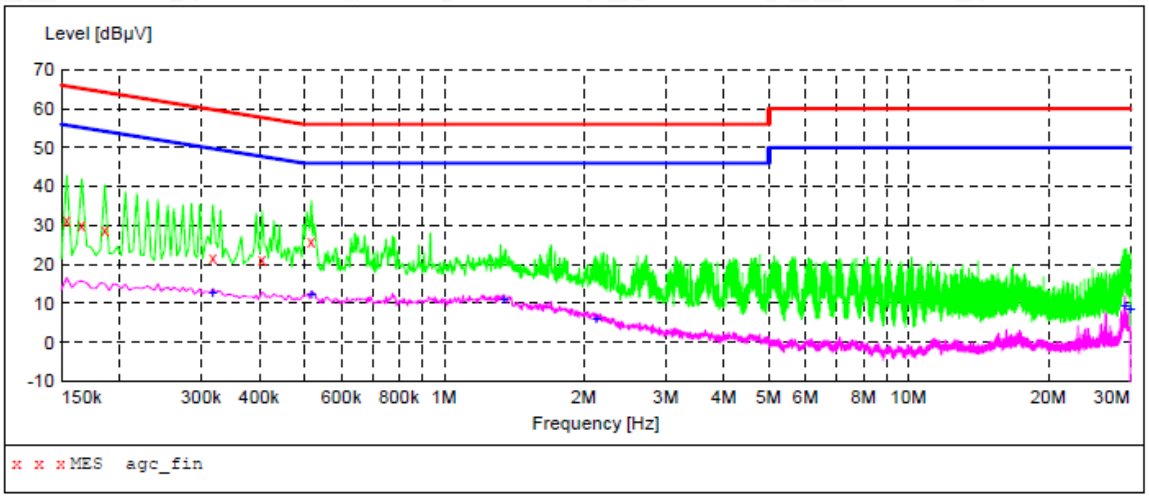
2021/4/25 22:05

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.294000	13.60	12.4	50	36.8	AV	N
0.498000	13.60	12.4	46	32.4	AV	N
1.386000	9.90	12.5	46	36.1	AV	N
2.166000	6.30	12.5	46	39.7	AV	N
29.238000	9.30	15.5	50	40.7	AV	N
29.970000	8.20	15.6	50	41.8	AV	N

RESULT: PASS

5.745-5.825 GHz

LINE CONDUCTED EMISSION TEST-L



MEASUREMENT RESULT: "agc_fin"

2021/4/25 21:50

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.154000	31.40	12.4	66	34.4	QP	L1
0.166000	30.20	12.4	65	35.0	QP	L1
0.186000	29.00	12.4	64	35.2	QP	L1
0.318000	21.90	12.4	60	37.9	QP	L1
0.406000	21.30	12.4	58	36.4	QP	L1
0.518000	25.90	12.4	56	30.1	QP	L1

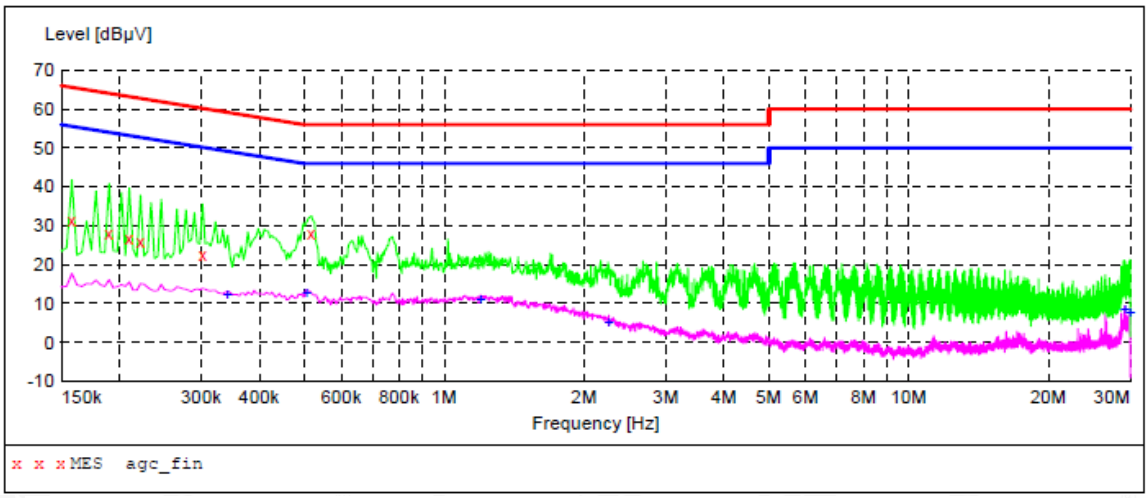
MEASUREMENT RESULT: "agc_fin2"

2021/4/25 21:50

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.318000	13.00	12.4	50	36.8	AV	L1
0.518000	12.60	12.4	46	33.4	AV	L1
1.346000	11.30	12.5	46	34.7	AV	L1
2.126000	6.20	12.5	46	39.8	AV	L1
29.234000	9.50	15.5	50	40.5	AV	L1
29.970000	8.60	15.6	50	41.4	AV	L1

RESULT: PASS

LINE CONDUCTED EMISSION TEST-N



MEASUREMENT RESULT: "agc_fin"

2021/4/25 22:00

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.158000	31.40	12.4	66	34.2	QP	N
0.190000	28.20	12.4	64	35.8	QP	N
0.210000	26.60	12.4	63	36.6	QP	N
0.222000	25.90	12.4	63	36.8	QP	N
0.302000	22.70	12.4	60	37.5	QP	N
0.518000	27.80	12.4	56	28.2	QP	N

MEASUREMENT RESULT: "agc_fin2"

2021/4/25 22:00

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line
0.342000	12.60	12.4	49	36.6	AV	N
0.506000	12.80	12.4	46	33.2	AV	N
1.198000	11.40	12.4	46	34.6	AV	N
2.262000	5.50	12.5	46	40.5	AV	N
29.238000	8.70	15.5	50	41.3	AV	N
29.970000	7.70	15.6	50	42.3	AV	N

RESULT: PASS

Note: 802.11a/n (10MHz/20MHz) bandwidth modulation has been tested, all antennas have been pre-tested, and all antenna modes have been tested. Antenna 1 in 802.11a20 mode is the worst case and is recorded in the test report.

APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC02115210402AP03

APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC02115210402AP03

----END OF REPORT----

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1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").

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3.The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.

4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.

5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.

6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.

7.Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.

8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.

9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.