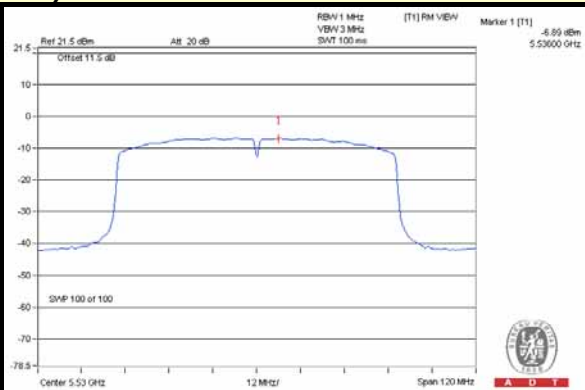
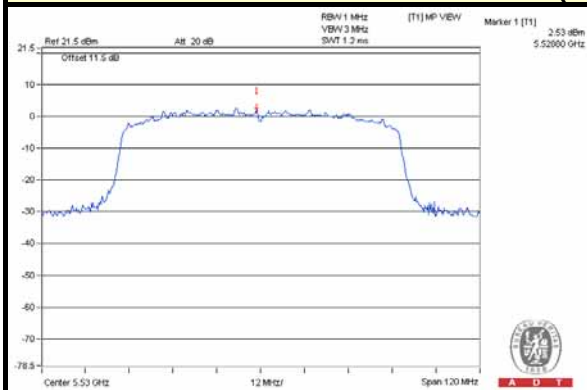
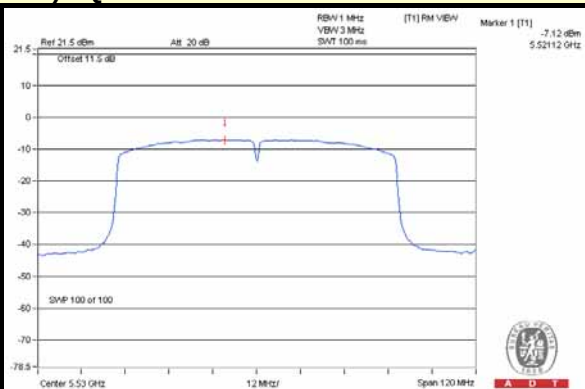
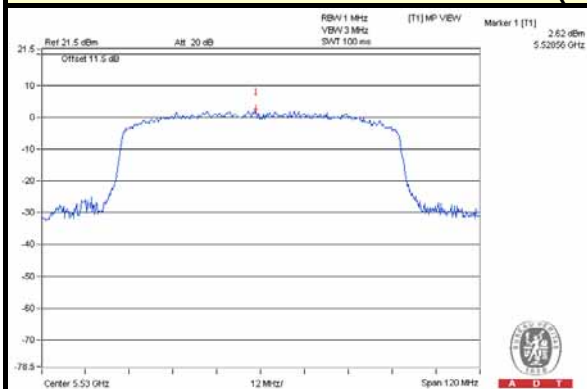


SPECTRUM PLOT OF WORST VALUE

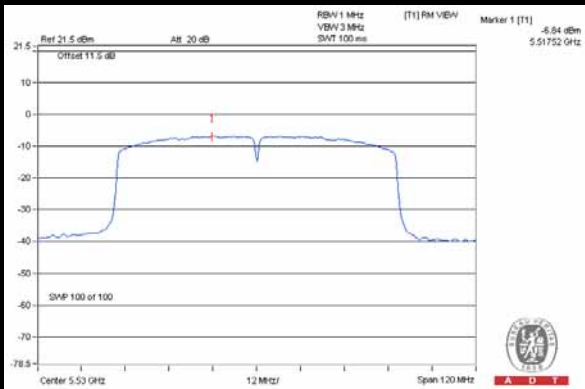
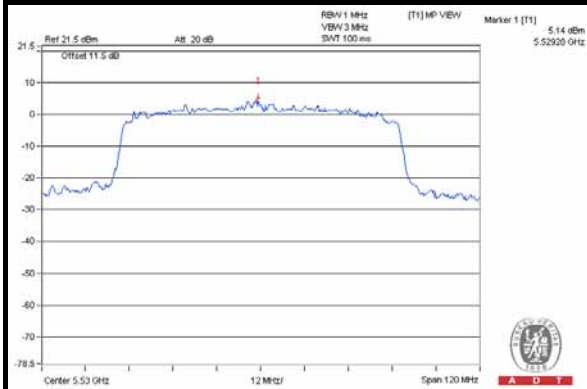
802.11ac (VHT80) / BPSK



802.11ac (VHT80) / QPSK

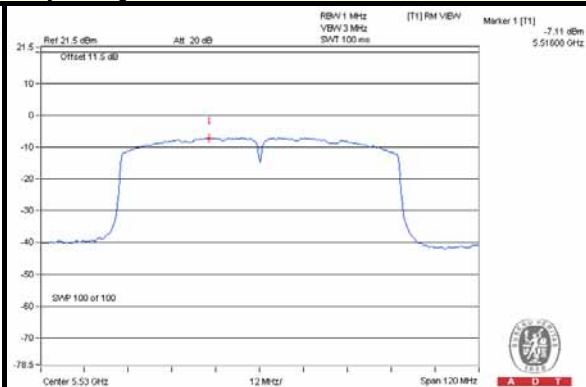
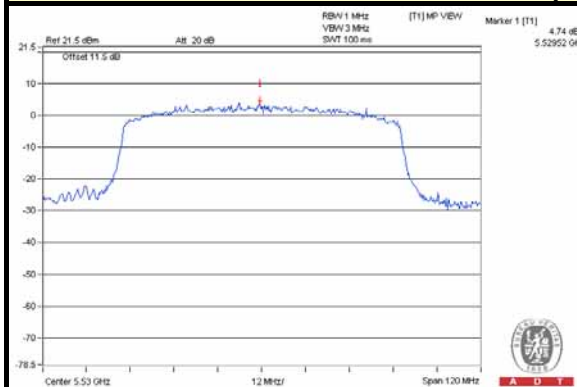


802.11ac (VHT80) / 16QAM

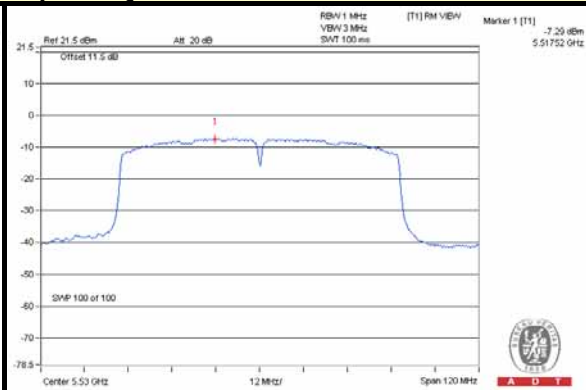
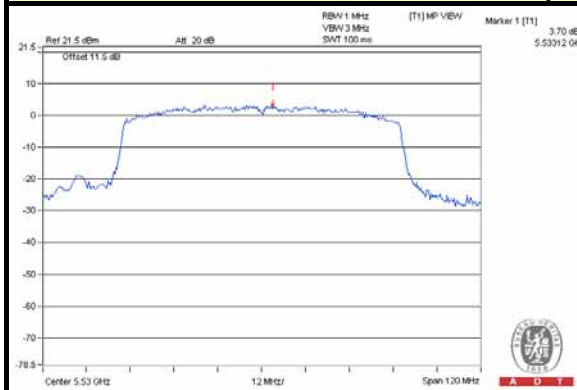


SPECTRUM PLOT OF WORST VALUE

802.11ac (VHT80) / 64QAM



802.11ac (VHT80) / 256QAM



4.4 OCCUPIED BANDWIDTH MEASUREMENT

4.4.1 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
SPECTRUM ANALYZER R&S	FSV 40	100964	July 15, 2013	July 14, 2014

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. Tested date : May 09, 2014

4.4.2 TEST PROCEDURE

1. Set RBW $\geq 1\%$ of the emission bandwidth.
2. Set the VBW $> 3 \times$ RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Record the 99% emission bandwidth.

4.4.3 TEST SETUP



4.4.4 EUT OPERATING CONDITIONS

The software(QCRT Version3.0 22.0) provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.4.5 TEST RESULTS (MODE 1)

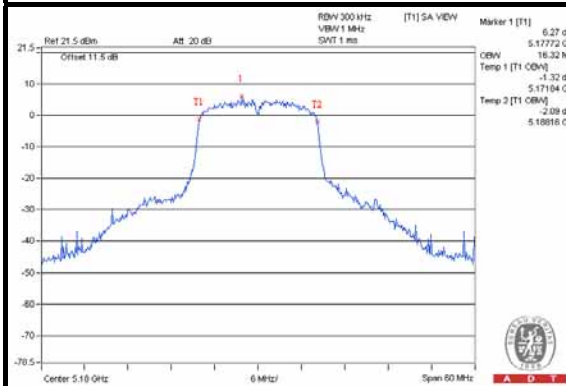
802.11a

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)
36	5180	16.32
40	5200	16.32
48	5240	16.32
52	5260	16.32
60	5300	16.52
64	5320	16.32
100	5500	16.92
116	5580	16.32
132	5660	16.32
140	5700	16.32
144 (UNII-2c Band)	5720	13.16
144 (UNII-3 Band)	5720	3.16

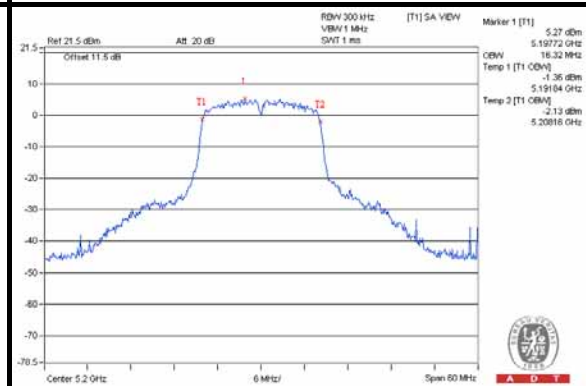


A D T

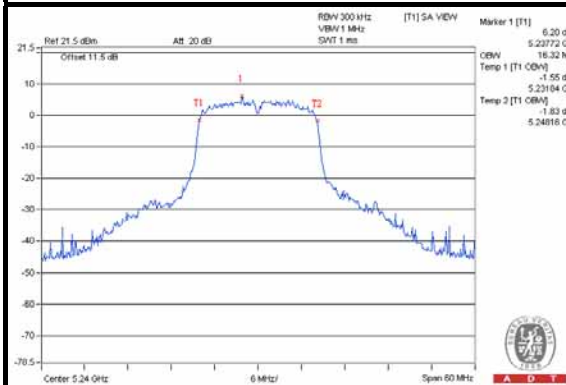
CH36



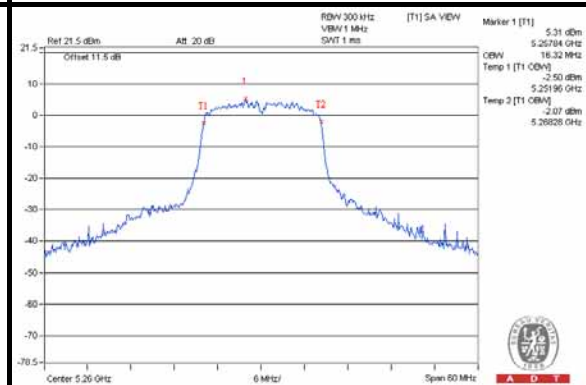
CH40



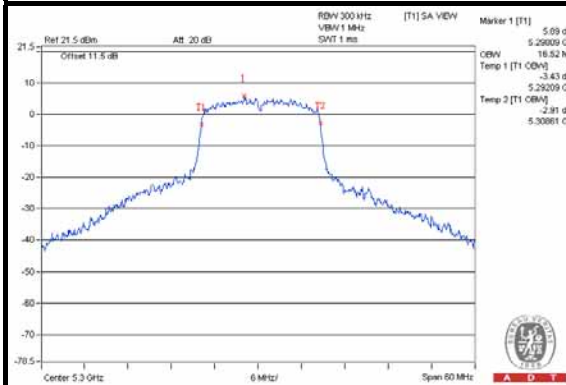
CH48



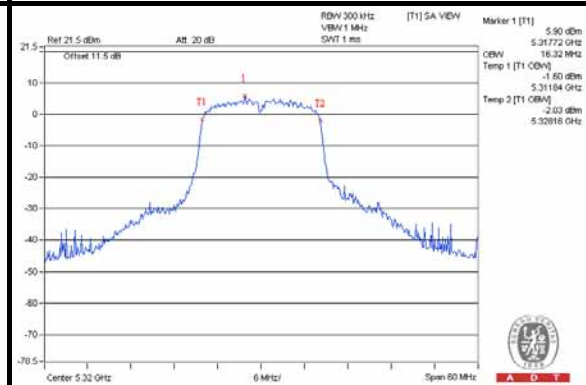
CH52



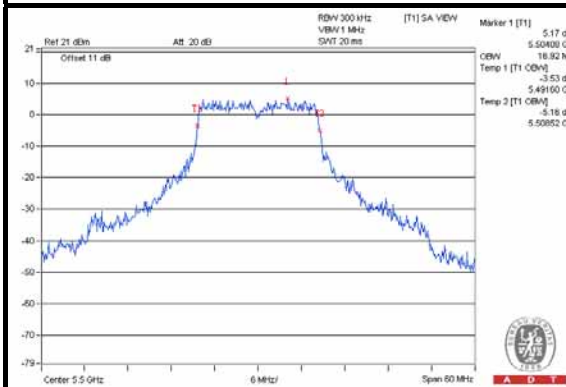
CH60



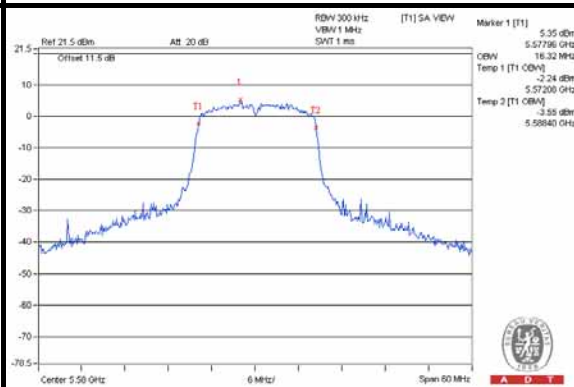
CH64



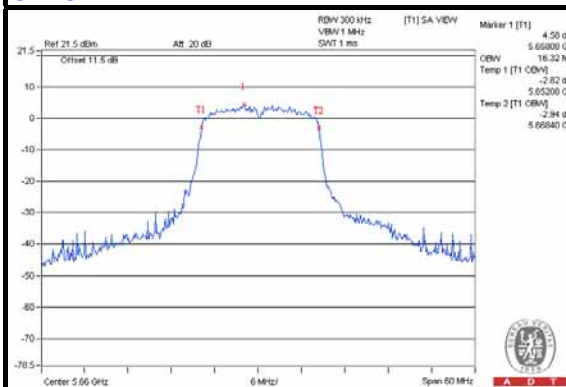
CH100



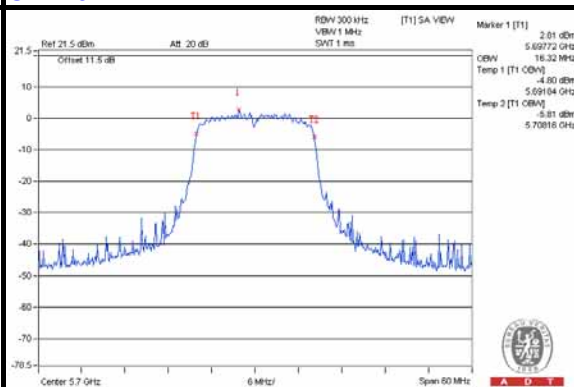
CH116



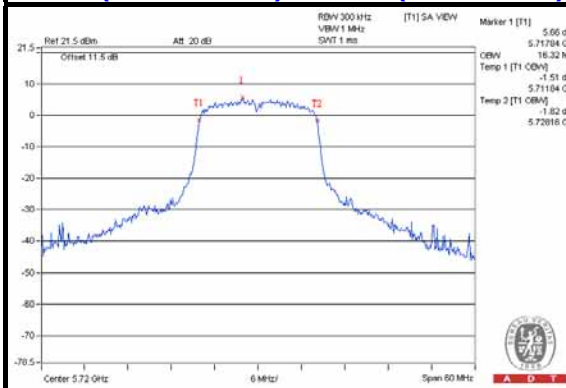
CH132



CH140



CH144 (UNII-2c Band) / CH144 (UNII-3 Band)



NOTE:

For CH144 (UNII-2c Band) = 5725 - Temp 1

For CH144 (UNII-3 Band) = 5725 + OBW - CH144 (UNII-2c Band) BW

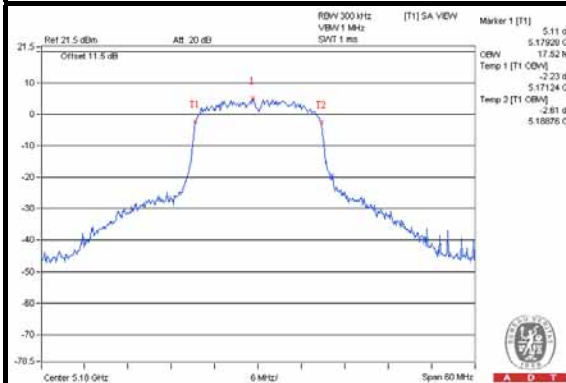
802.11ac (VHT20)

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)
36	5180	17.52
40	5200	17.40
48	5240	17.40
52	5260	17.40
60	5300	17.40
64	5320	17.52
100	5500	17.40
116	5580	17.52
132	5660	17.40
140	5700	17.40
144 (UNII-2c Band)	5720	13.64
144 (UNII-3 Band)	5720	3.76

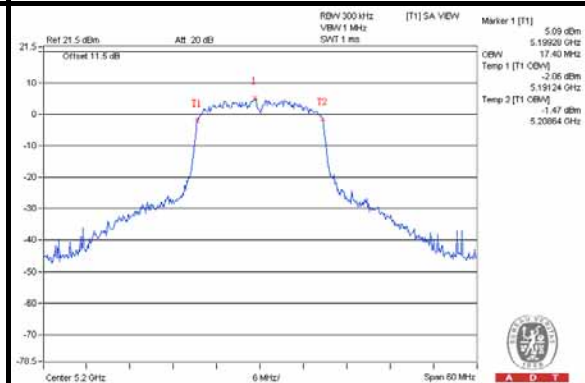


A D T

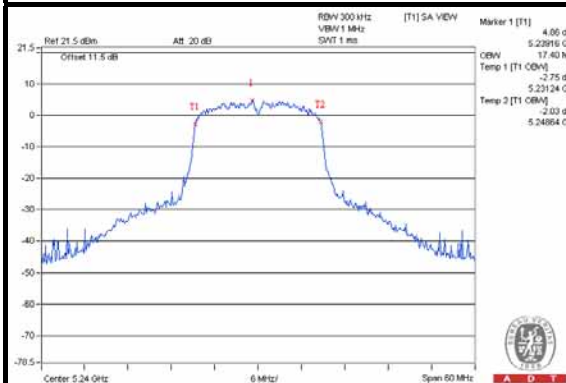
CH36



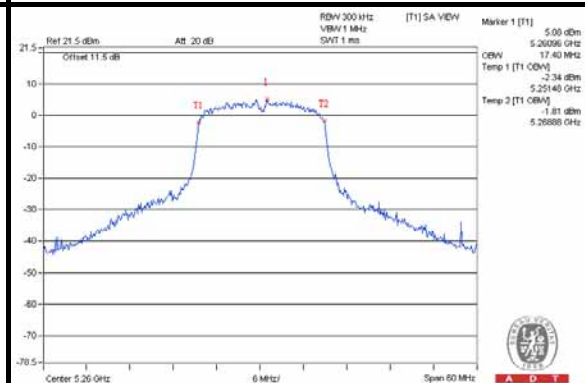
CH40



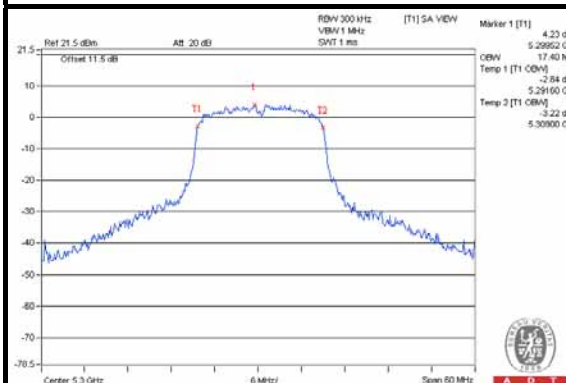
CH48



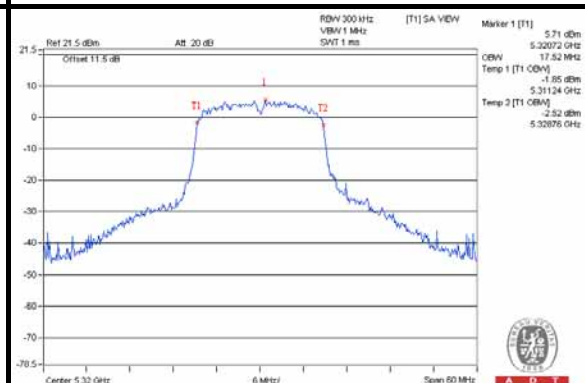
CH52



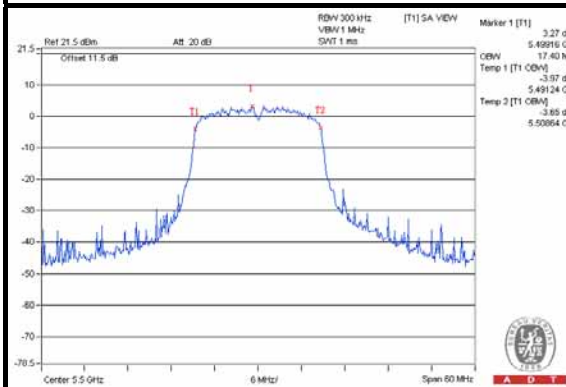
CH60



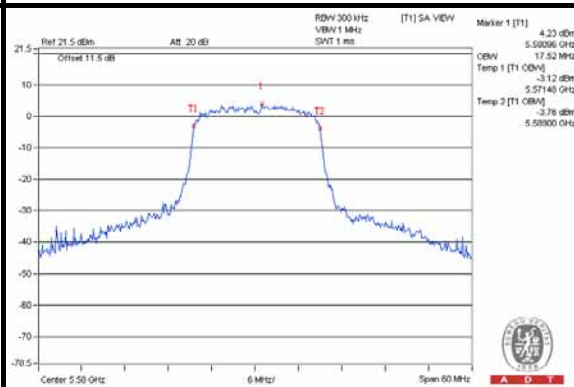
CH64



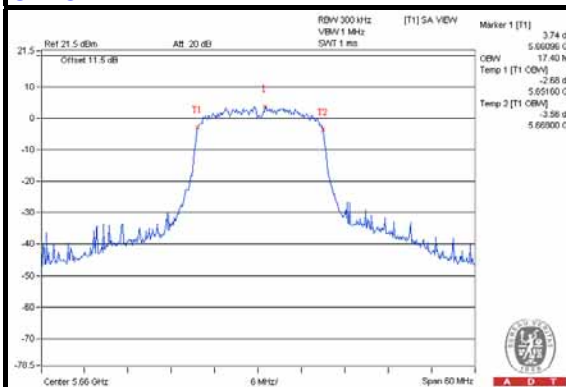
CH100



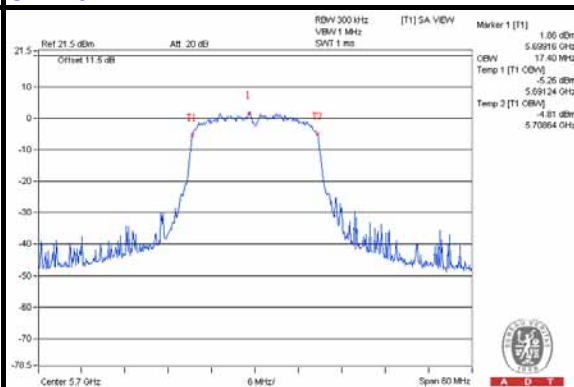
CH116



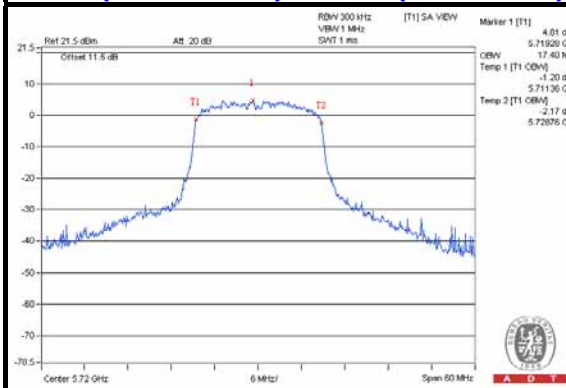
CH132



CH140



CH144 (UNII-2c Band) / CH144 (UNII-3 Band)



NOTE:

For CH144 (UNII-2c Band) = 5725 - Temp 1

For CH144 (UNII-3 Band) = 5725 + OBW - CH144 (UNII-2c Band) BW

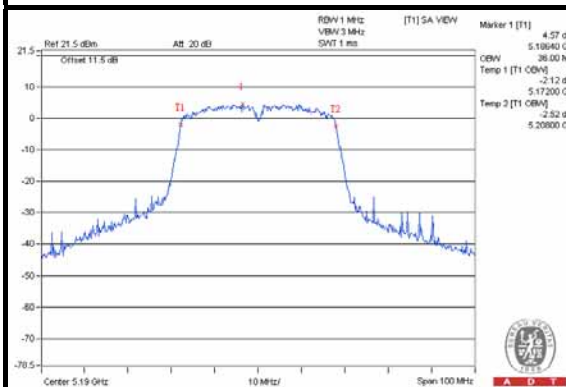
802.11ac (VHT40)

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)
38	5190	36.00
46	5230	36.00
54	5270	36.00
62	5310	36.00
102	5510	36.00
110	5550	36.00
134	5670	36.00
142 (UNII-2c Band)	5710	33.00
142 (UNII-3 Band)	5710	3.00

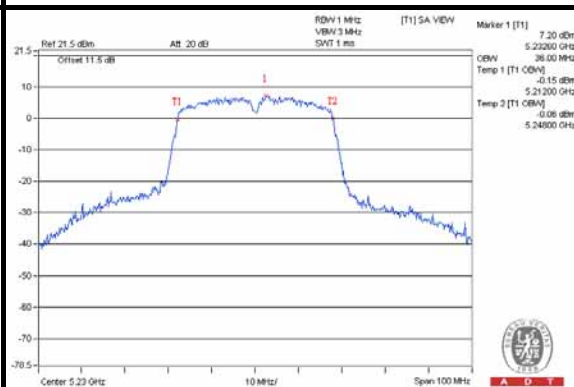


A D T

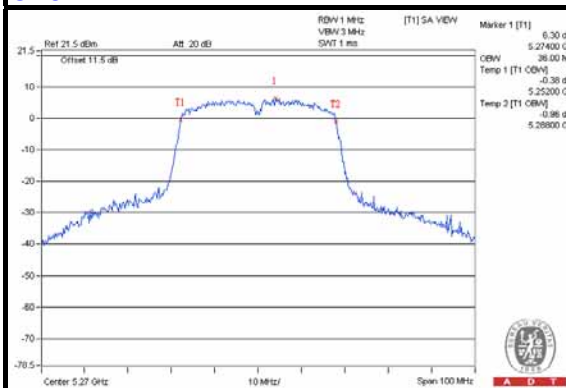
CH38



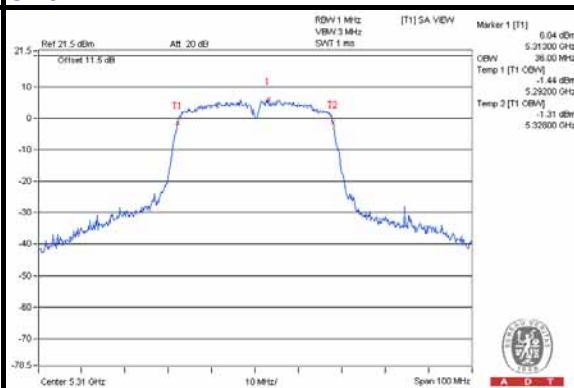
CH46



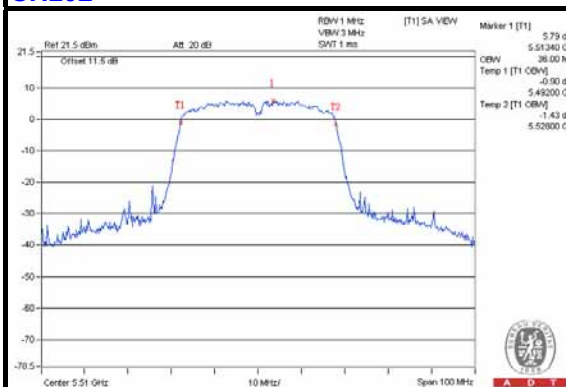
CH54



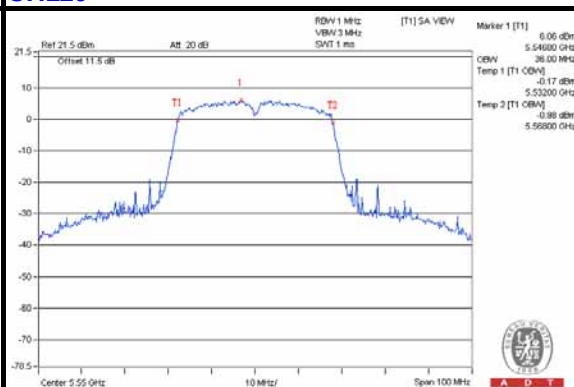
CH62



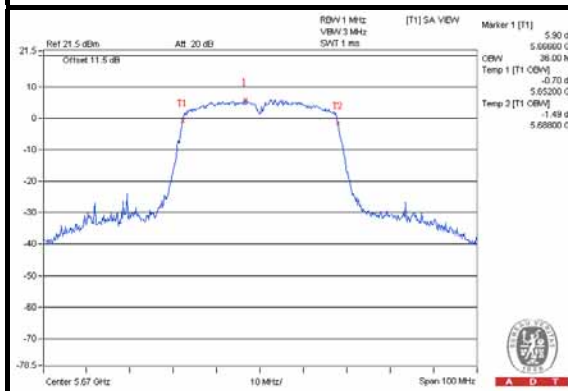
CH102



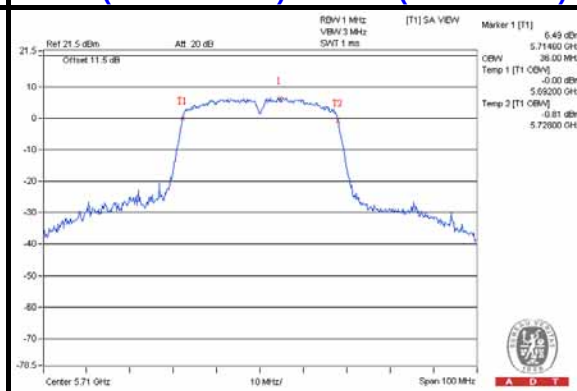
CH110



CH134



CH142 (UNII-2c Band) / CH142 (UNII-3 Band)



NOTE:

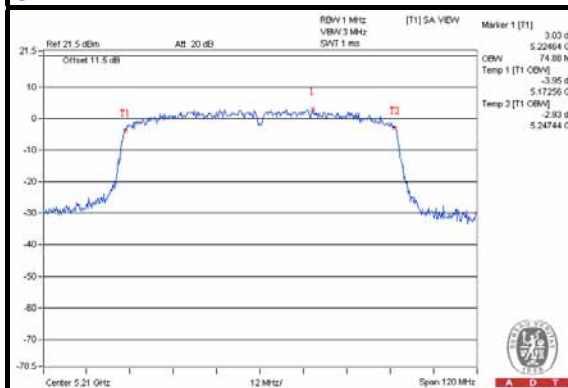
For CH142 (UNII-2c Band) = 5725 - Temp 1

For CH142 (UNII-3 Band) = 5725 + OBW - CH142 (UNII-2c Band) BW

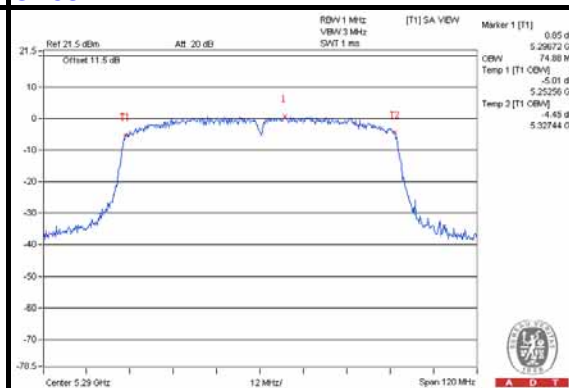
802.11ac (VHT80)

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)
42	5210	74.88
58	5290	74.88
106	5530	74.88
138 (UNII-2c Band)	5690	72.76
138 (UNII-3 Band)	5690	2.44

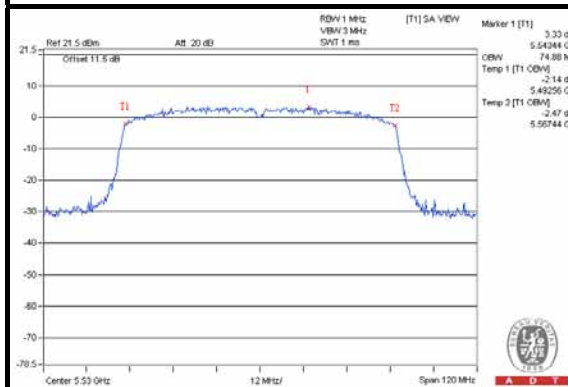
CH42



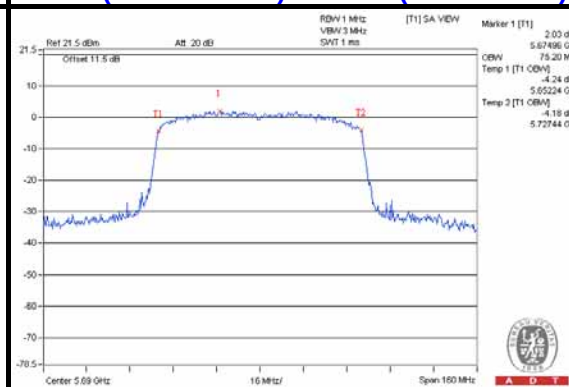
CH58



CH106



CH138 (UNII-2c Band) / CH138 (UNII-3 Band)



NOTE:

For CH138 (UNII-2c Band) = 5725 - Temp 1

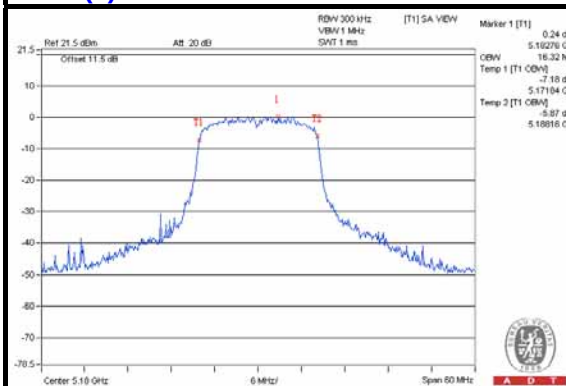
For CH138 (UNII-3 Band) = 5725 + OBW - CH138 (UNII-2c Band) BW

4.4.1 TEST RESULTS (MODE 2)

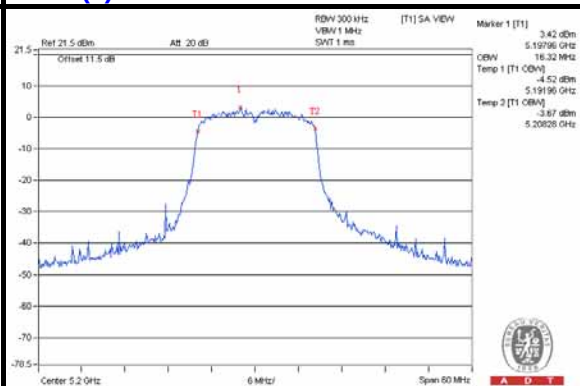
802.11a

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)	
		CHAIN(0)	CHAIN(1)
36	5180	16.32	16.32
40	5200	16.32	16.32
48	5240	16.32	16.32
52	5260	16.32	16.32
60	5300	16.52	16.32
64	5320	16.32	16.32
100	5500	16.32	16.32
116	5580	16.32	16.44
132	5660	16.32	16.44
140	5700	16.32	16.32
144 (UNII-2c Band)	5720	13.16	13.16
144 (UNII-3 Band)	5720	3.16	3.16

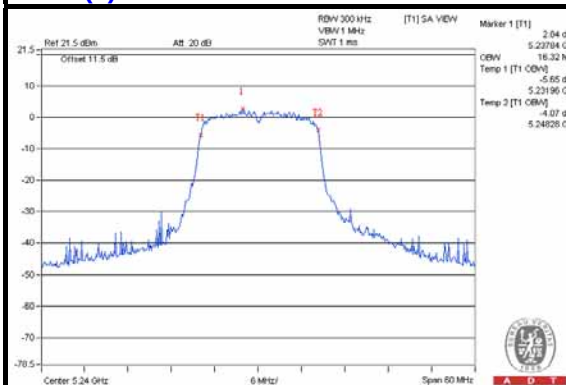
Chain(0) : CH36



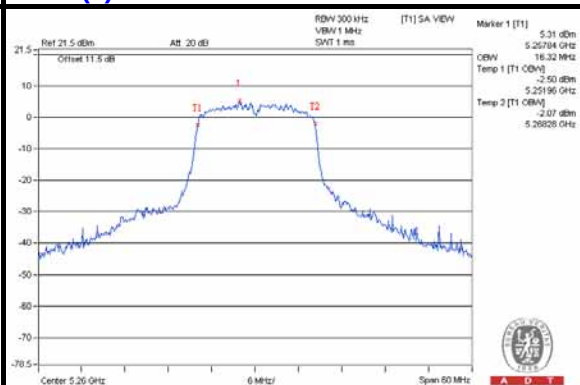
Chain(0) : CH40



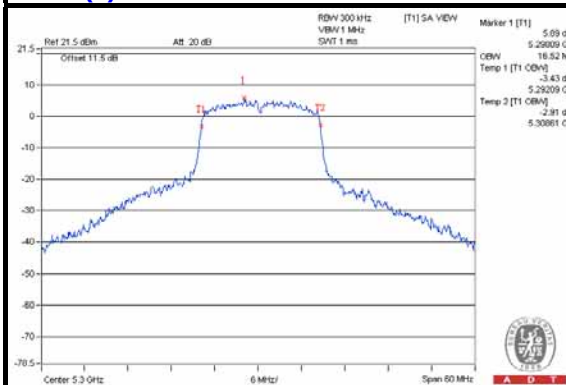
Chain(0) : CH48



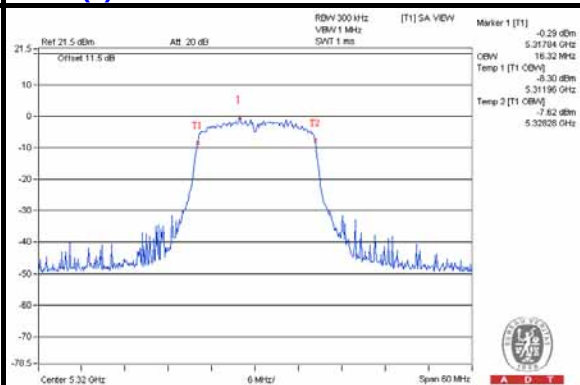
Chain(0) : CH52



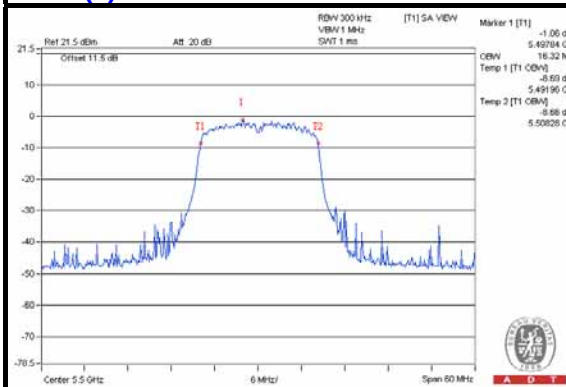
Chain(0) : CH60



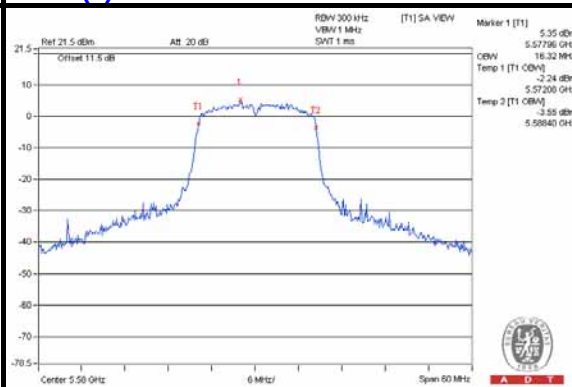
Chain(0) : CH64



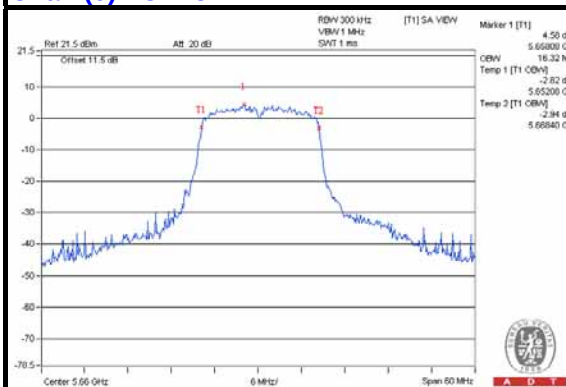
Chain(0) : CH100



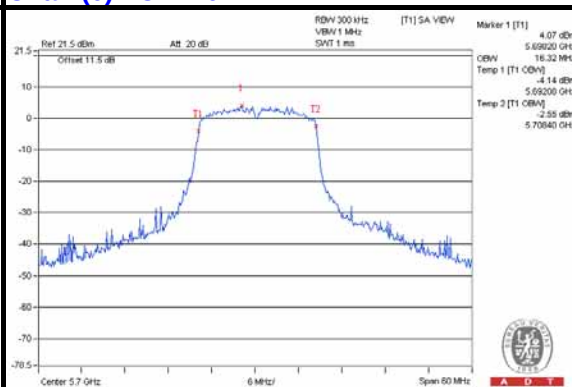
Chain(0) : CH116



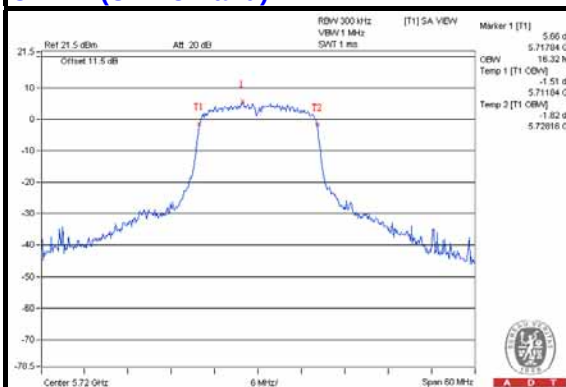
Chain(0) : CH132



Chain(0) : CH140



Chain(0) : CH144 (UNII-2c Band) / Chain(0) : CH144 (UNII-3 Band)

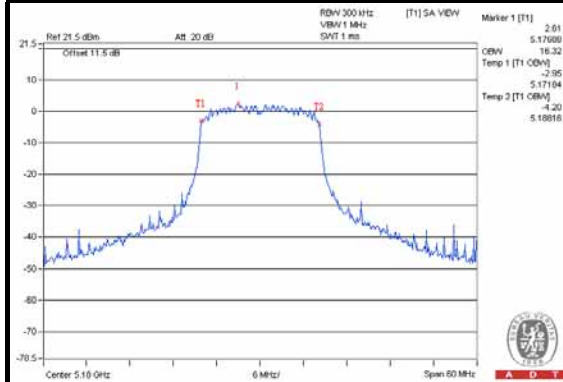


NOTE:

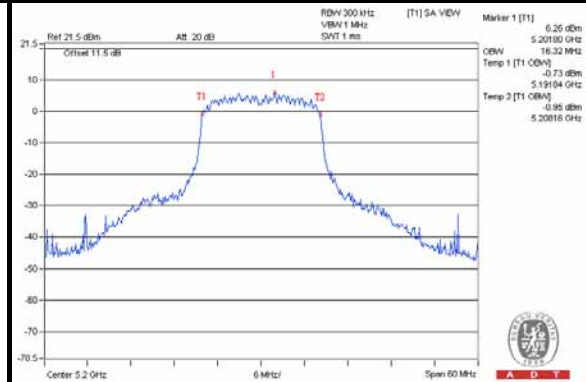
For CH144 (UNII-2c Band) = 5725 - Temp 1

For CH144 (UNII-3 Band) = 5725 + OBW - CH144 (UNII-2c Band) BW

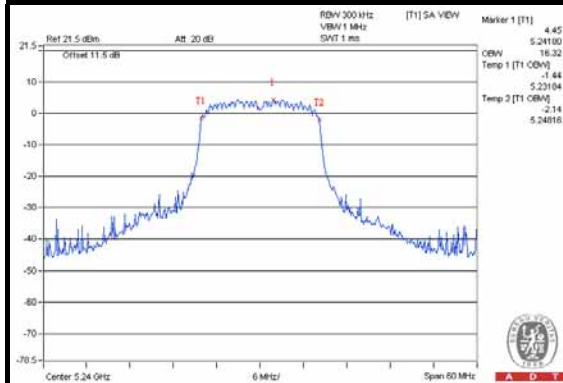
Chain(1) : CH36



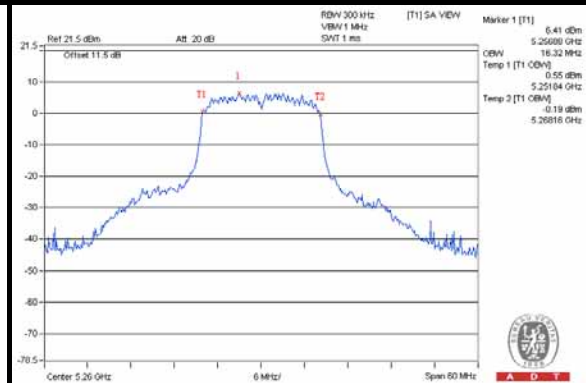
Chain(1) : CH40



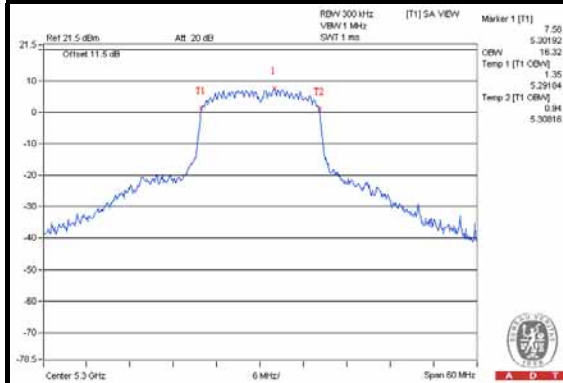
Chain(1) : CH48



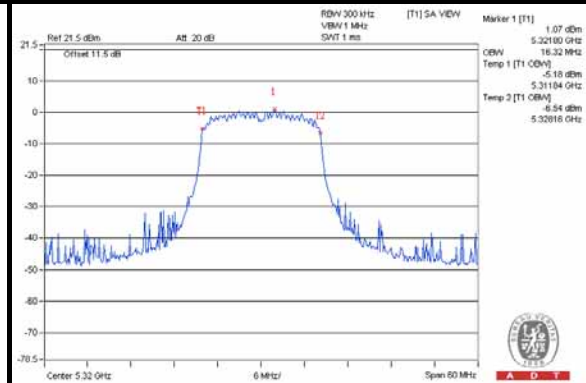
Chain(1) : CH52



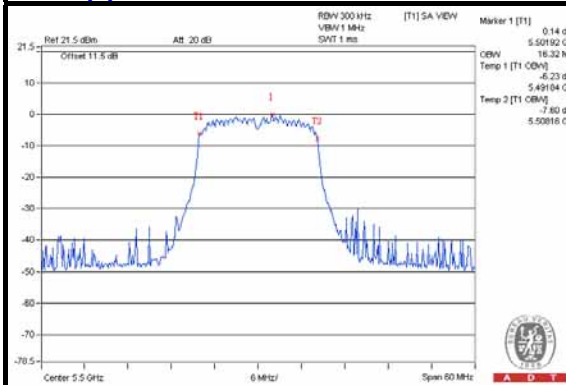
Chain(1) : CH60



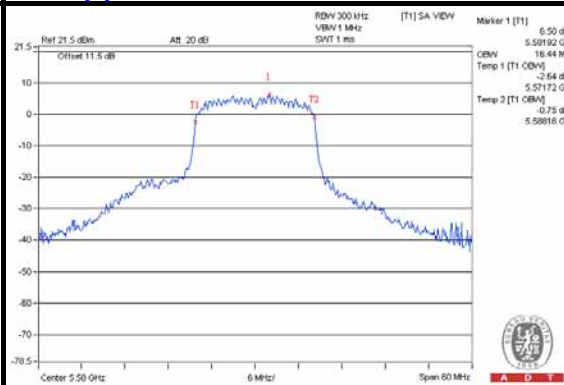
Chain(1) : CH64



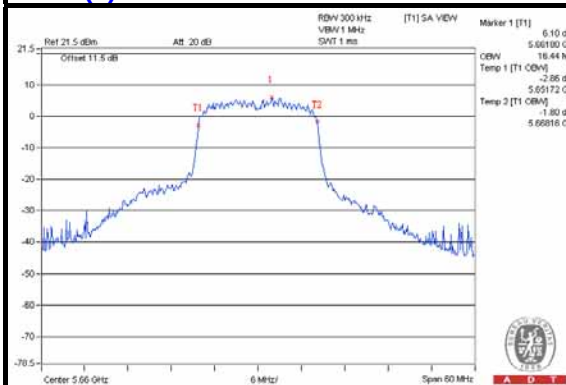
Chain(1) : CH100



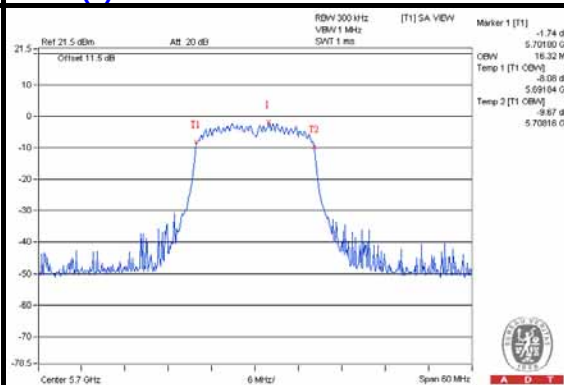
Chain(1) : CH116



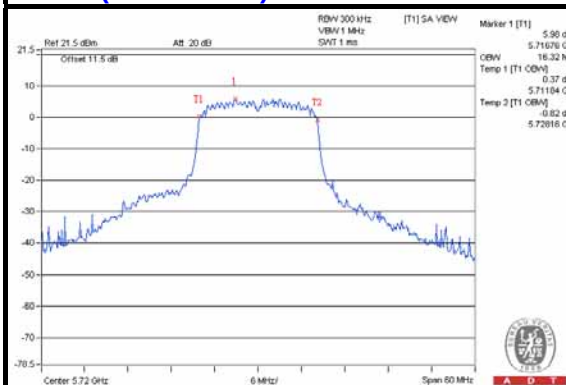
Chain(1) : CH132



Chain(1) : CH140



Chain(1) : CH144 (UNII-2c Band) / Chain(1) : CH144 (UNII-3 Band)



NOTE:

For CH144 (UNII-2c Band) = 5725 - Temp 1

For CH144 (UNII-3 Band) = 5725 + OBW - CH144 (UNII-2c Band) BW

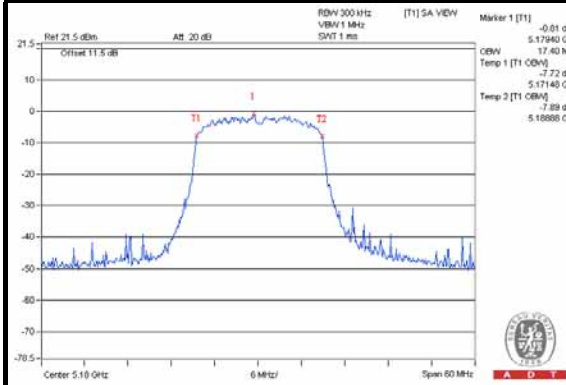
802.11ac (VHT20)

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)	
		CHAIN(0)	CHAIN(1)
36	5180	17.40	17.40
40	5200	17.40	17.52
48	5240	17.40	17.40
52	5260	17.40	17.52
60	5300	17.40	17.40
64	5320	17.40	17.40
100	5500	17.40	17.40
116	5580	17.52	17.40
132	5660	17.40	17.40
140	5700	17.40	17.40
144 (UNII-2c Band)	5720	13.64	13.76
144 (UNII-3 Band)	5720	3.76	3.64

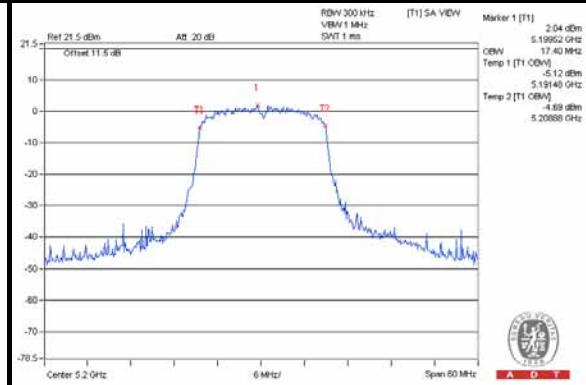


A D T

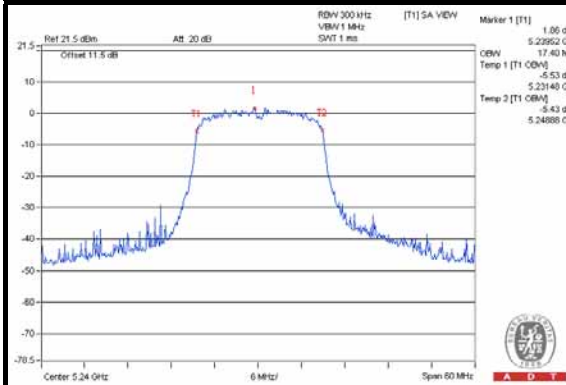
Chain(0) : CH36



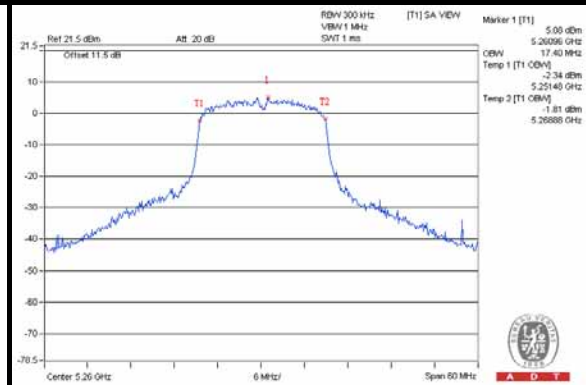
Chain(0) : CH40



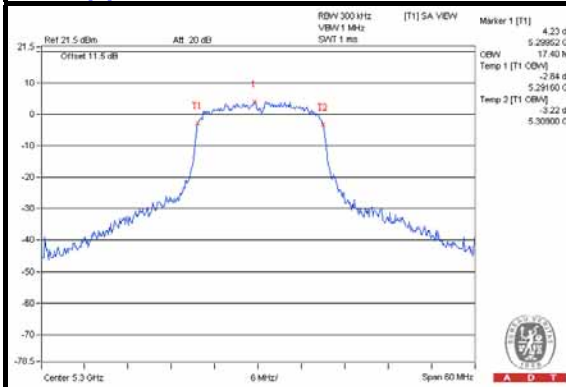
Chain(0) : CH48



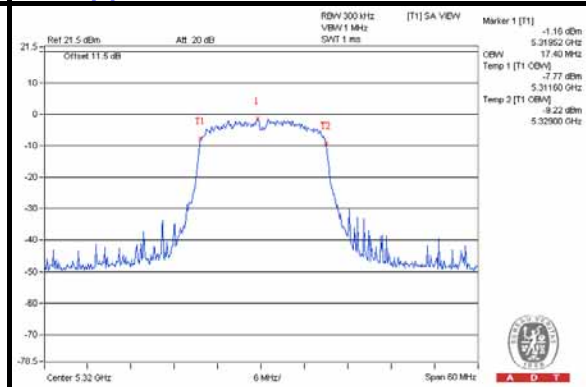
Chain(0) : CH52



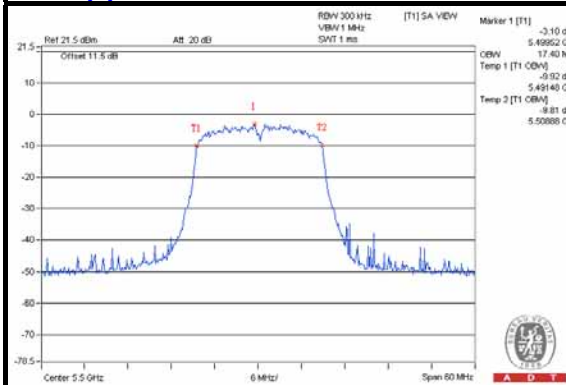
Chain(0) : CH60



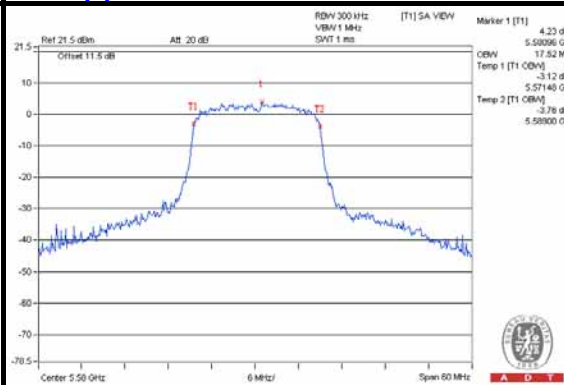
Chain(0) : CH64



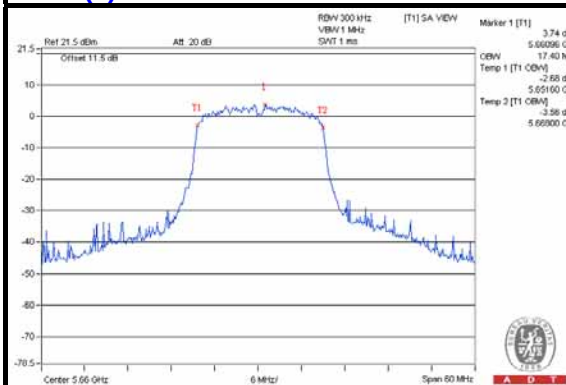
Chain(0) : CH100



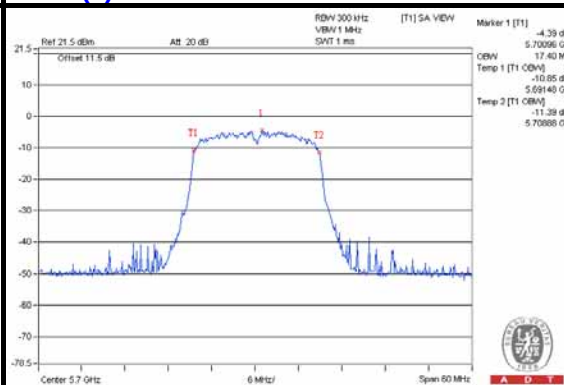
Chain(0) : CH116



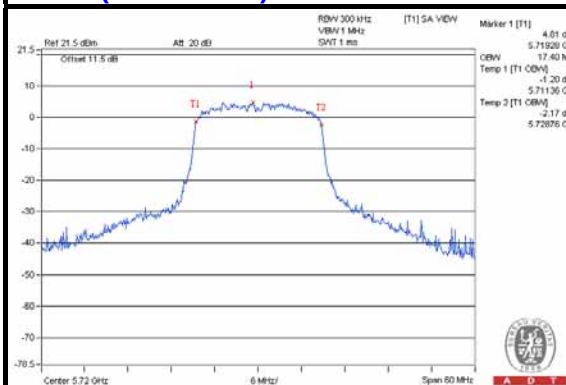
Chain(0) : CH132



Chain(0) : CH140



Chain(0) : CH144 (UNII-2c Band) / Chain(0) : CH144 (UNII-3 Band)

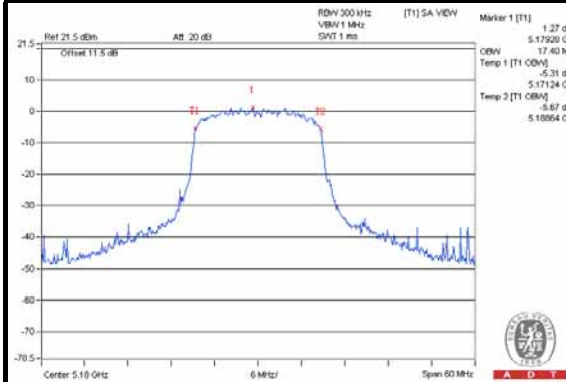


NOTE:

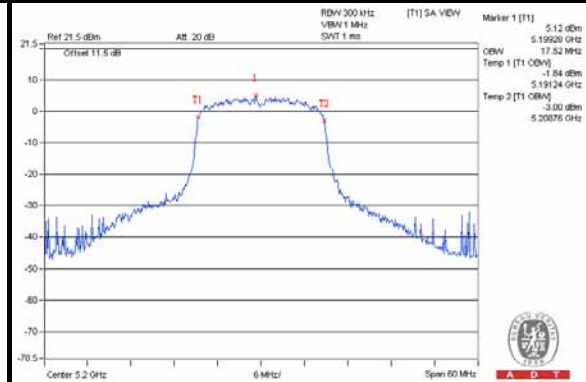
For CH144 (UNII-2c Band) = 5725 - Temp 1

For CH144 (UNII-3 Band) = 5725 + OBW - CH144 (UNII-2c Band) BW

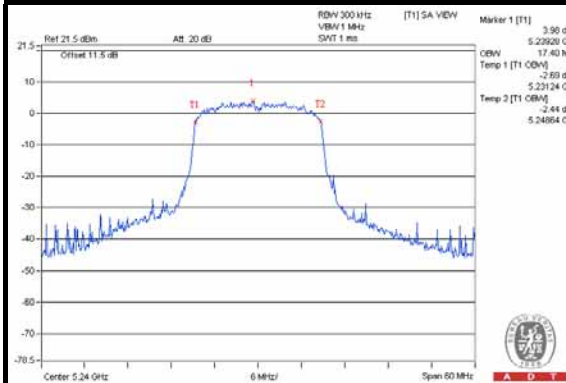
Chain(1) : CH36



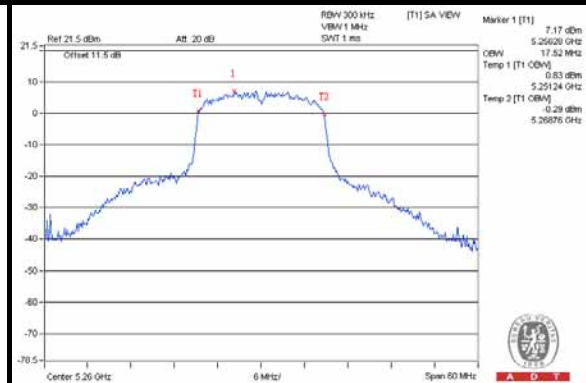
Chain(1) : CH40



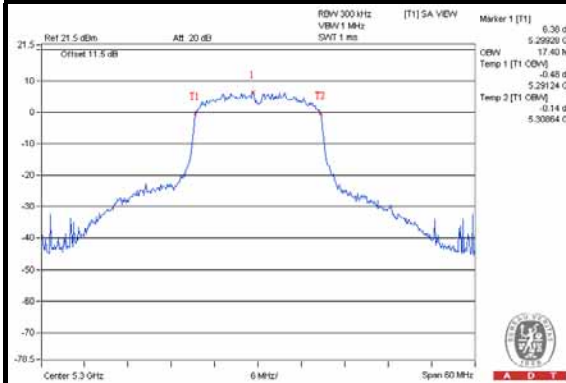
Chain(1) : CH48



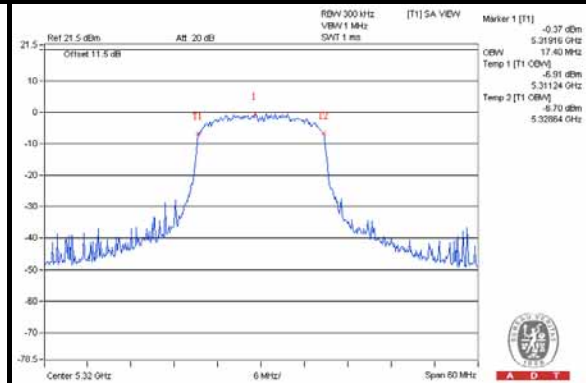
Chain(1) : CH52



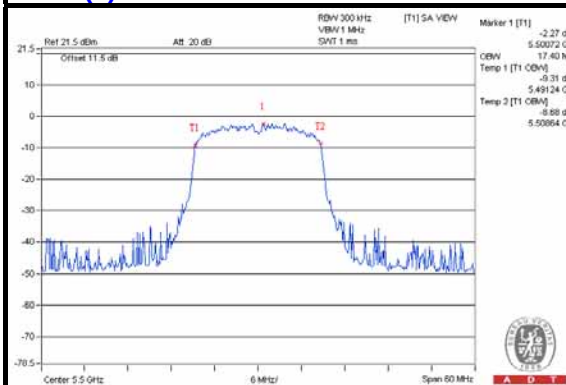
Chain(1) : CH60



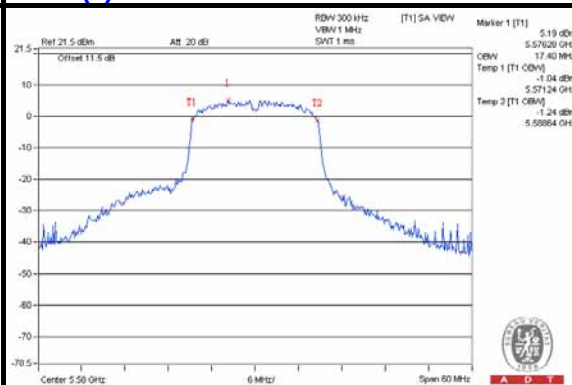
Chain(1) : CH64



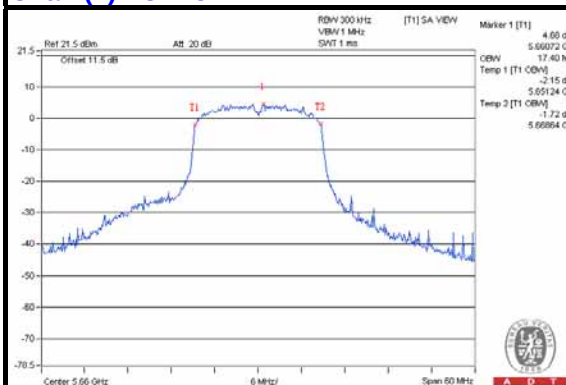
Chain(1) : CH100



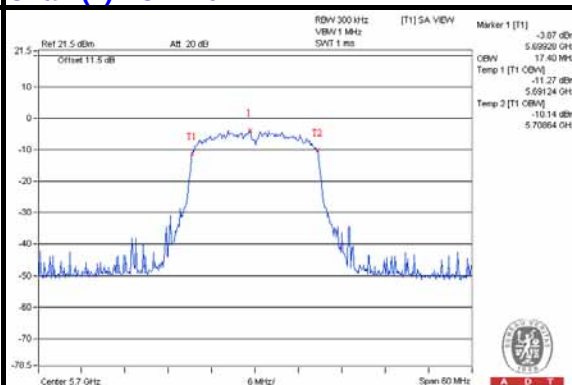
Chain(1) : CH116



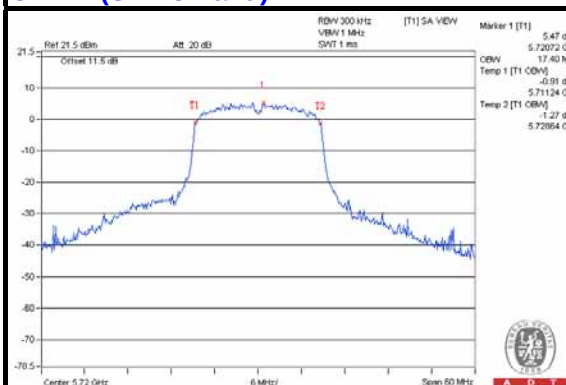
Chain(1) : CH132



Chain(1) : CH140



Chain(1) : CH144 (UNII-2c Band) / Chain(1) : CH144 (UNII-3 Band)



NOTE:

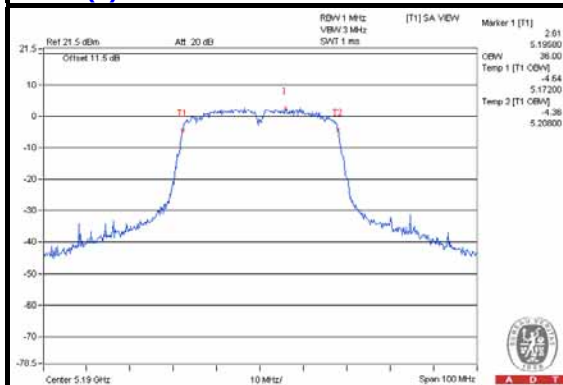
For CH144 (UNII-2c Band) = 5725 - Temp 1

For CH144 (UNII-3 Band) = 5725 + OBW - CH144 (UNII-2c Band) BW

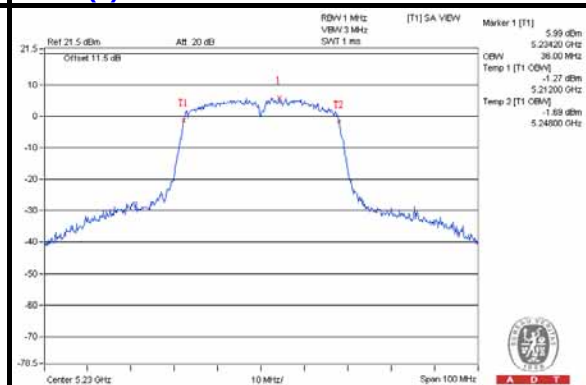
802.11ac (VHT40)

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)	
		CHAIN(0)	CHAIN(1)
38	5190	36.00	36.00
46	5230	36.00	36.00
54	5270	36.00	36.00
62	5310	36.00	36.00
102	5510	36.00	36.00
110	5550	36.00	36.20
134	5670	36.00	35.80
142 (UNII-2c Band)	5710	33.00	33.00
142 (UNII-3 Band)	5710	3.00	3.00

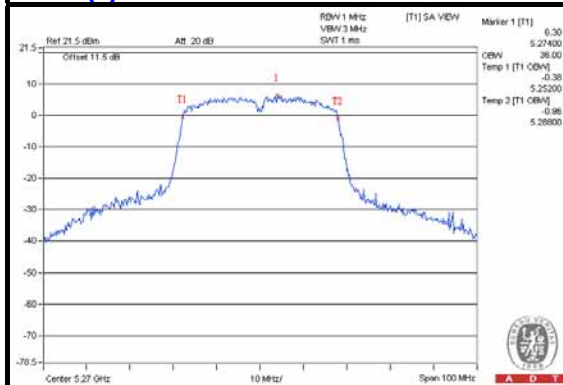
Chain(0) : CH38



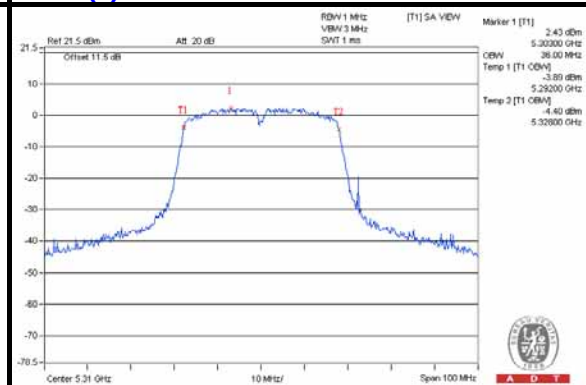
Chain(0) : CH46



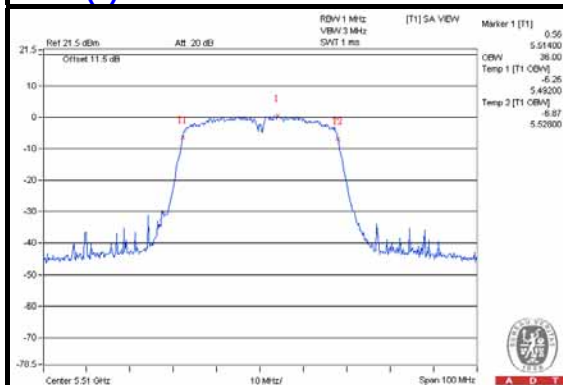
Chain(0) : CH54



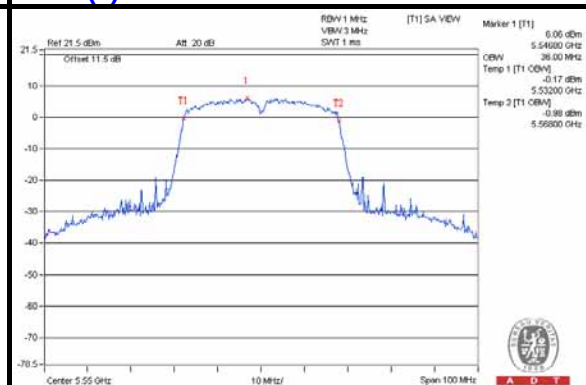
Chain(0) : CH62



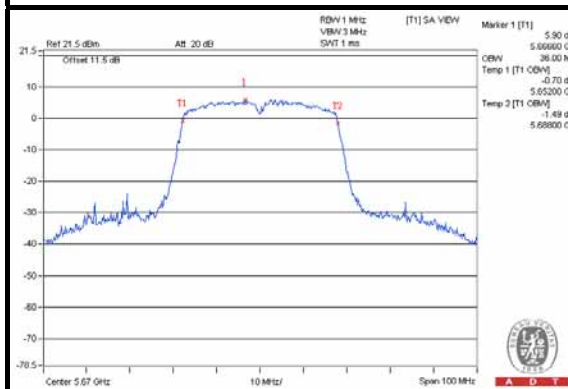
Chain(0) : CH102



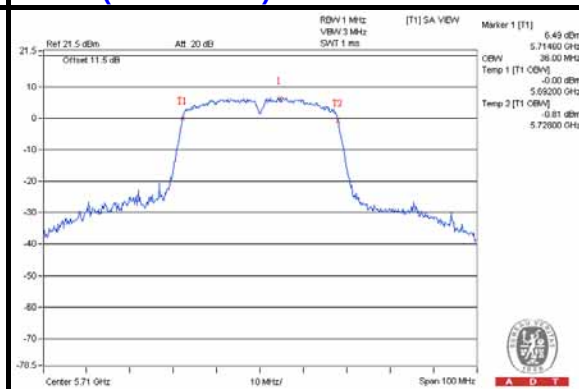
Chain(0) : CH110



Chain(0) : CH134



Chain(0) : CH142 (UNII-2c Band) / Chain(0) : CH142 (UNII-3 Band)

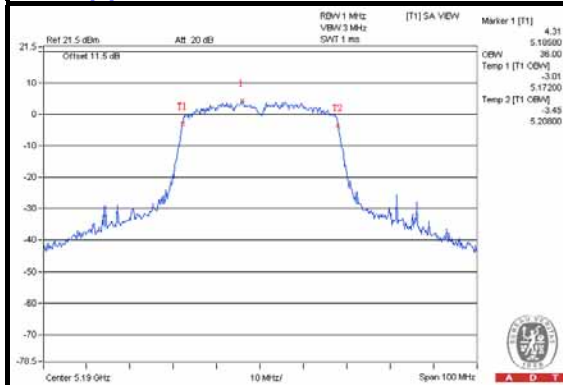


NOTE:

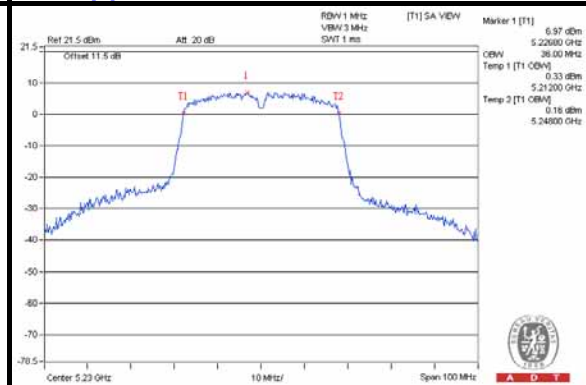
For CH142 (UNII-2c Band) = 5725 - Temp 1

For CH142 (UNII-3 Band) = 5725 + OBW - CH142 (UNII-2c Band) BW

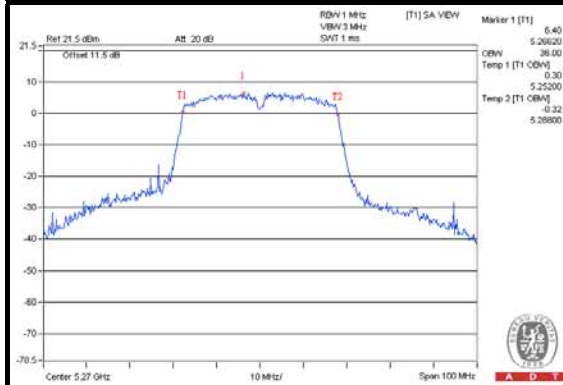
Chain(1) : CH38



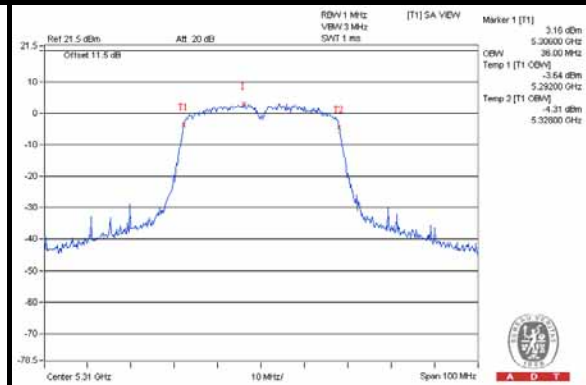
Chain(1) : CH46



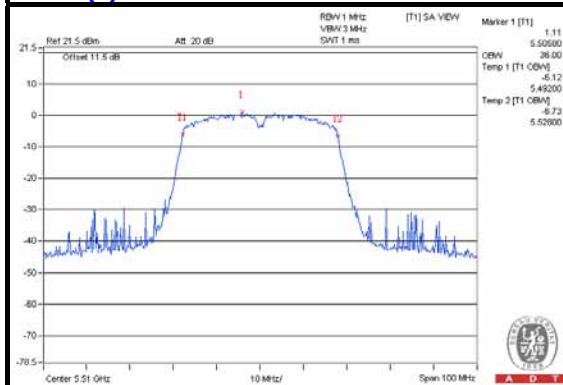
Chain(0) : CH54



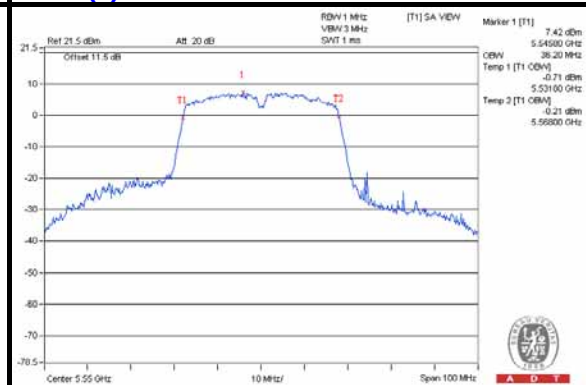
Chain(0) : CH62



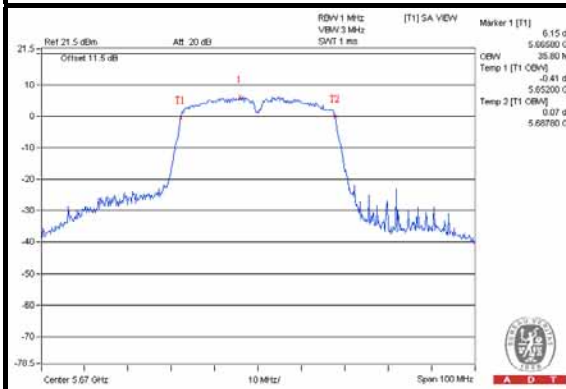
Chain(1) : CH102



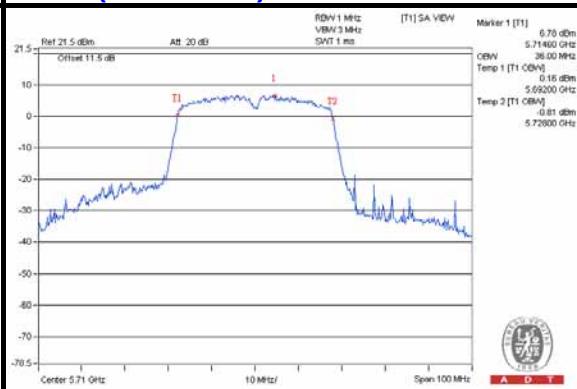
Chain(1) : CH110



Chain(1) : CH134



Chain(1) : CH142 (UNII-2c Band) / Chain(1) : CH142 (UNII-3 Band)



NOTE:

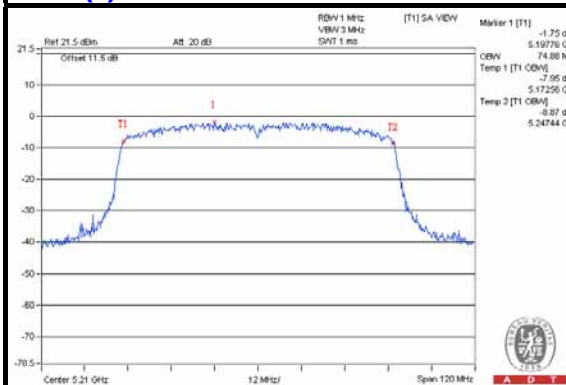
For CH142 (UNII-2c Band) = 5725 - Temp 1

For CH142 (UNII-3 Band) = 5725 + OBW - CH142 (UNII-2c Band) BW

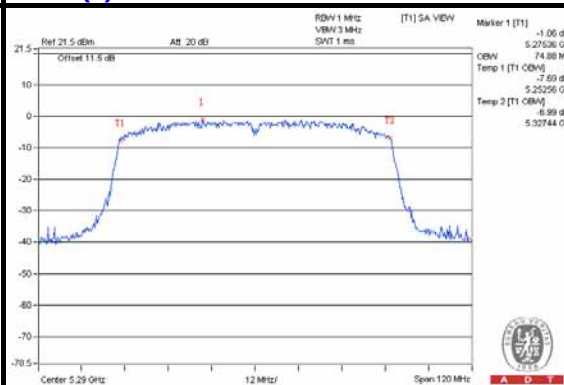
802.11ac (VHT80)

CHANNEL	CHANNEL FREQUENCY (MHz)	OCCUPIED BANDWIDTH (MHz)	
		CHAIN(0)	CHAIN(1)
42	5210	74.88	74.88
58	5290	74.88	74.88
106	5530	74.64	74.64
138 (UNII-2c Band)	5690	72.76	72.76
138 (UNII-3 Band)	5690	2.44	2.44

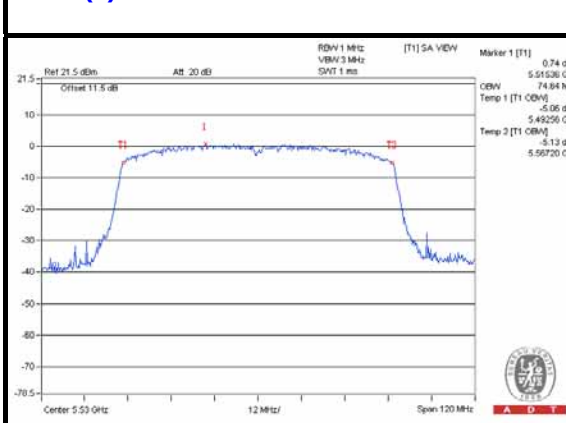
Chain(0) : CH42



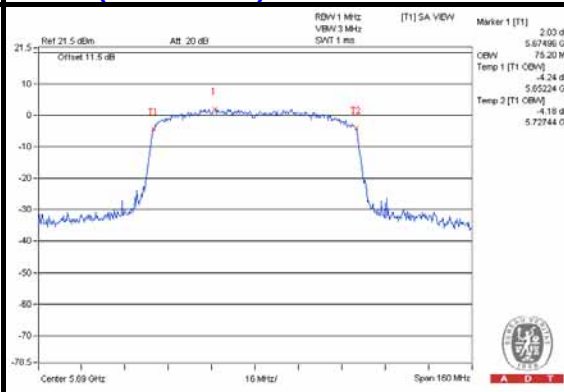
Chain(0) : CH58



Chain(0) : CH106



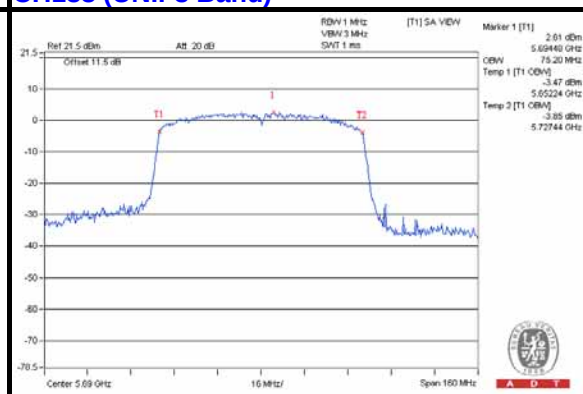
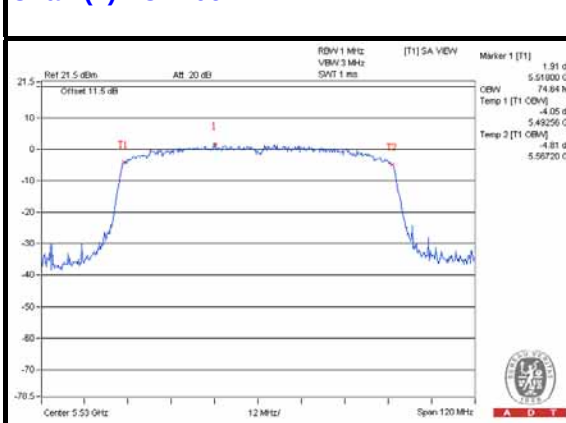
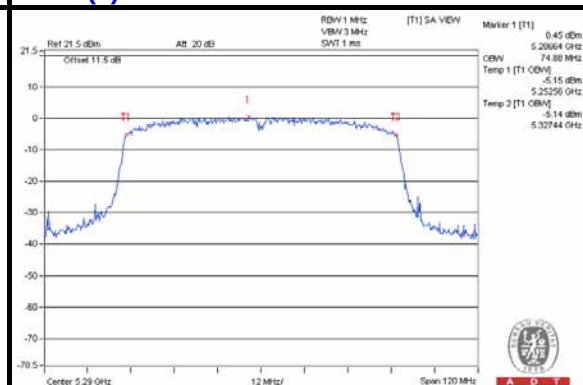
Chain(0) : CH138 (UNII-2c Band) / Chain(0) : CH138 (UNII-3 Band)



NOTE:

For CH138 (UNII-2c Band) = 5725 - Temp 1

For CH138 (UNII-3 Band) = 5725 + OBW - CH138 (UNII-2c Band) BW



NOTE:

For CH138 (UNII-2c Band) = 5725 - Temp 1

For CH138 (UNII-3 Band) = 5725 + OBW - CH138 (UNII-2c Band) BW

4.5 UNWANTED EMISSION MEASUREMENT(RADIATED VERSUS CONDUCTED)

4.5.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

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

NOTE:

- The lower limit shall apply at the transition frequencies.
- Emission level (dBuV/m) = 20 log Emission level (uV/m).
- For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB.

4.5.2 LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

APPLICABLE TO	LIMIT	
√	FIELD STRENGTH AT 3m (dBμV/m)	
	PK	AV
	74	54
	EIRP LIMIT (dBm)	EQUIVALENT FIELD STRENGTH AT 3m (dBμV/m)
	PK	PK
	-27	68.3

NOTE:

- The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts).}$$



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4.5.3 TEST INSTRUMENTS

For MODE 1 802.11a above 1GHz test:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
MXE EMI Receiver Agilent	N9038A	MY50010156	Jan. 15, 2014	Jan. 14, 2015
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-04	Nov. 13, 2013	Nov. 12, 2014
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-361	Feb. 27, 2014	Feb. 26, 2015
RF Cable	NA	CHHCAB_001	Oct. 06, 2013	Oct. 05, 2014
Spectrum Analyzer R&S	FSV40	100964	July 15, 2013	July 14, 2014
Horn_Antenna AISI	AIH.8018	0000220091110	Dec. 06, 2013	Dec. 05, 2014
Pre-Amplifier Agilent	8449B	3008A01923	Oct. 29, 2013	Oct. 28, 2014
RF Cable	NA	RF104-205 RF104-207 RF104-202	Dec. 12, 2013	Dec. 11, 2014
Spectrum Analyzer Agilent	E4446A	MY48250253	Aug. 28, 2013	Aug. 27, 2014
Pre-Amplifier SPACEK LABS	SLKKa-48-6	9K16	Nov. 13, 2013	Nov. 12, 2014
Horn_Antenna SCHWARZBECK	BBHA 9170	9170-424	Oct. 08, 2013	Oct. 07, 2014
Software	ADT_Radiated _V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in 966 Chamber No. H.
4. The FCC Site Registration No. is 797305.
5. The CANADA Site Registration No. is IC 7450H-3.
6. Tested Date: May 08, 2014



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For other test items:

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED DATE	CALIBRATED UNTIL
MXE EMI Receiver Agilent	N9038A	MY51210105	Jan. 21, 2014	Jan. 20, 2015
Pre-Amplifier Mini-Circuits	ZFL-1000VH2 B	AMP-ZFL-03	Nov. 13, 2013	Nov. 12, 2014
Trilog Broadband Antenna SCHWARZBECK	VULB 9168	9168-360	Feb. 26, 2014	Feb. 25, 2015
RF Cable	NA	CHGCAB_001	Oct. 05, 2013	Oct. 04, 2014
Spectrum Analyzer R&S	FSV40	100964	July 15, 2013	July 14, 2014
Horn_Antenna AISI	AIH.8018	0000320091110	Nov. 18, 2013	Nov. 17, 2014
Pre-Amplifier Agilent	8449B	3008A02578	June 25, 2013	June 24, 2014
RF Cable	NA	RF104-201 RF104-203 RF104-204	Dec. 12, 2013	Dec. 11, 2014
Spectrum Analyzer Agilent	E4446A	MY48250253	Aug. 28, 2013	Aug. 27, 2014
Pre-Amplifier SPACEK LABS	SLKKa-48-6	9K16	Nov. 13, 2013	Nov. 12, 2014
Horn_Antenna SCHWARZBECK	BBHA 9170	9170-424	Oct. 08, 2013	Oct. 07, 2014
Software	ADT_Radiated _V8.7.07	NA	NA	NA
Antenna Tower & Turn Table CT	NA	NA	NA	NA

Note:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
2. The horn antenna, preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
3. The test was performed in 966 Chamber No. G.
4. The FCC Site Registration No. is 966073.
5. The VCCI Site Registration No. is G-137.
6. The CANADA Site Registration No. is IC 7450H-2.
7. Tested Date: Apr. 02 and May 08, 2014

4.5.4 TEST PROCEDURES

Following FCC KDB 789033 D01 General UNII Test Procedures:

Radiated versus Conducted Measurements.

The unwanted emission limits in both the restricted and non-restricted bands are based on antenna-port conducted measurements in conjunction with cabinet emissions tests are permitted to demonstrate compliance.

The following steps was performed:

- a. Cabinet emissions measurements. Radiated measurement was performed to ensure that cabinet emissions are below the emission limits. For the cabinet-emission measurements the antenna was replaced by a termination matching the nominal impedance of the antenna.
- b. Conducted tests was performed using equipment that matches the nominal impedance of the antenna assembly used with the EUT
- c. EIRP calculation. A value representative of an upper bound on out-of-band antenna gain (in dBi) shall be added to the measured antenna-port conducted emission power to compute EIRP within the specified measurement bandwidth. (For emissions in the restricted bands, additional calculations are required to convert EIRP to field strength at the specified distance.) The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater
- d. EIRP adjustments for multiple outputs. (Follow the procedures specified in FCC KDB Publication 662911)
- e. For all of Radiation emission test
 - e-1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meters chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
 - e-2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - e-3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - e-4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
 - e-5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
 - e-6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle $< 98\%$) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.

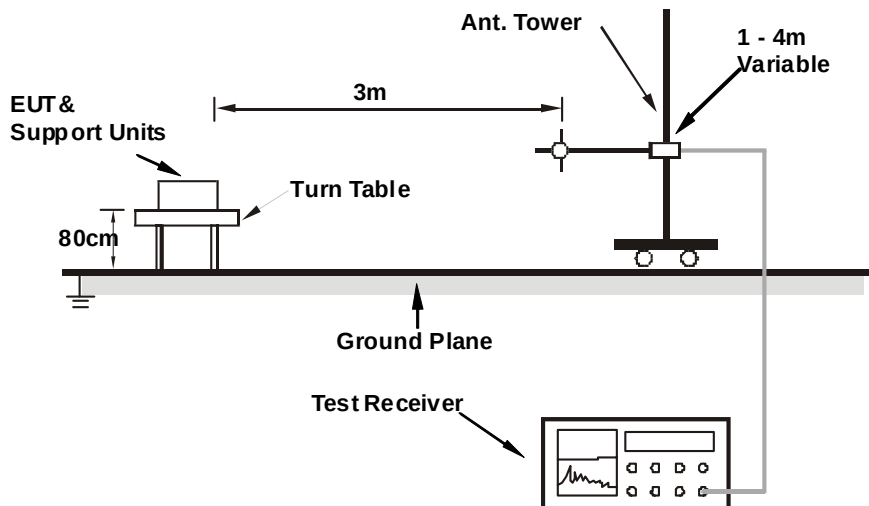
4.5.5 DEVIATION FROM TEST STANDARD

No deviation

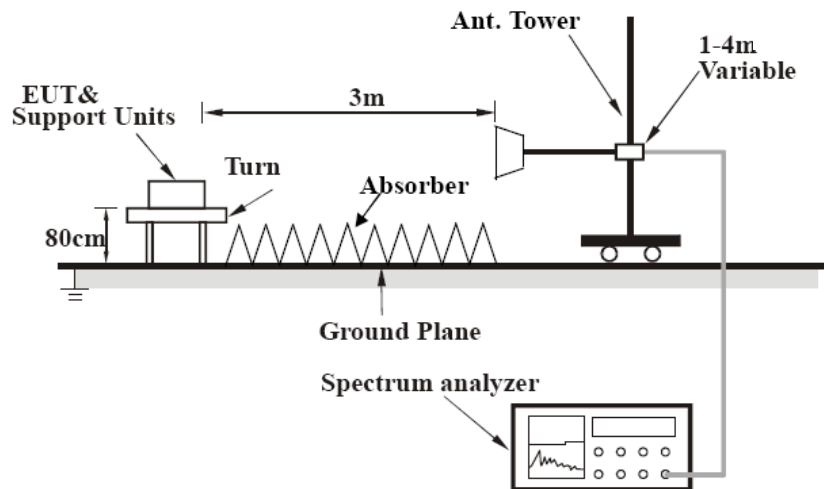
4.5.6 TEST SETUP

For radiated configuration:

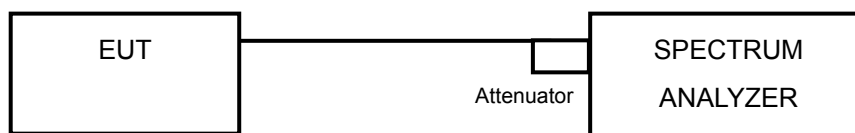
<Frequency Range below 1GHz>



<Frequency Range above 1GHz>



For conducted configuration:



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

4.5.7 EUT OPERATING CONDITION

1. Connect the EUT with the support unit 1 (Notebook Computer) which is placed on a testing table.
2. The communication partner run test program “QCRT Version3.0 22.0” to enable EUT under transmission/receiving condition continuously at specific channel frequency.

4.5.8 TEST RESULTS (MODE 1, RADIATED MEASUREMENT)

Radiated versus Conducted Measurement	
☐ Conducted measurement	☒ Radiated measurement
<u>For Radiated measurement:</u> The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation) <u>For Conducted measurement:</u> The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).	



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Radiated test was done with 50ohm terminator on antenna port

ABOVE 1GHz DATA

802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	54.2 PK	74.0	-19.8	1.78 H	121	40.27	13.93
2	#10360.00	43.5 AV	54.0	-10.5	1.78 H	121	29.57	13.93
3	15540.00	61.2 PK	74.0	-12.8	1.46 H	215	42.02	19.18
4	15540.00	49.9 AV	54.0	-4.1	1.46 H	215	30.72	19.18
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	52.3 PK	74.0	-21.7	1.15 V	234	38.37	13.93
2	#10360.00	41.9 AV	54.0	-12.1	1.15 V	234	27.97	13.93
3	15540.00	61.5 PK	74.0	-12.5	1.19 V	199	42.32	19.18
4	15540.00	51.0 AV	54.0	-3.0	1.19 V	199	31.82	19.18

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



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CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	54.0 PK	74.0	-20.0	1.77 H	159	40.12	13.88
2	#10400.00	43.3 AV	54.0	-10.7	1.77 H	159	29.42	13.88
3	15600.00	61.8 PK	74.0	-12.2	1.43 H	211	42.71	19.09
4	15600.00	50.7 AV	54.0	-3.3	1.43 H	211	31.61	19.09

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	52.3 PK	74.0	-21.7	1.25 V	225	38.42	13.88
2	#10400.00	41.9 AV	54.0	-12.1	1.25 V	225	28.02	13.88
3	15600.00	60.9 PK	74.0	-13.1	1.14 V	209	41.81	19.09
4	15600.00	50.6 AV	54.0	-3.4	1.14 V	209	31.51	19.09

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	53.8 PK	74.0	-20.2	1.68 H	161	39.59	14.21
2	#10480.00	43.1 AV	54.0	-10.9	1.68 H	161	28.89	14.21
3	15720.00	60.7 PK	74.0	-13.3	1.42 H	213	41.54	19.16
4	15720.00	49.6 AV	54.0	-4.4	1.42 H	213	30.44	19.16

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	53.0 PK	74.0	-21.0	1.23 V	235	38.79	14.21
2	#10480.00	42.2 AV	54.0	-11.8	1.23 V	235	27.99	14.21
3	15720.00	60.8 PK	74.0	-13.2	1.18 V	211	41.64	19.16
4	15720.00	50.3 AV	54.0	-3.7	1.18 V	211	31.14	19.16

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	54.4 PK	74.0	-19.6	1.71 H	170	40.05	14.35
2	#10520.00	43.4 AV	54.0	-10.6	1.71 H	170	29.05	14.35
3	15780.00	61.8 PK	74.0	-12.2	1.46 H	192	42.69	19.11
4	15780.00	50.7 AV	54.0	-3.3	1.46 H	192	31.59	19.11

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	54.0 PK	74.0	-20.0	1.15 V	241	39.65	14.35
2	#10520.00	42.9 AV	54.0	-11.1	1.15 V	241	28.55	14.35
3	15780.00	61.4 PK	74.0	-12.6	1.15 V	218	42.29	19.11
4	15780.00	50.7 AV	54.0	-3.3	1.15 V	218	31.59	19.11

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	54.1 PK	74.0	-19.9	1.74 H	124	39.54	14.56
2	10600.00	43.1 AV	54.0	-10.9	1.74 H	124	28.54	14.56
3	15900.00	61.9 PK	74.0	-12.1	1.49 H	195	43.18	18.72
4	15900.00	50.3 AV	54.0	-3.7	1.49 H	195	31.58	18.72

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	54.0 PK	74.0	-20.0	1.17 V	233	39.44	14.56
2	10600.00	42.7 AV	54.0	-11.3	1.17 V	233	28.14	14.56
3	15900.00	61.9 PK	74.0	-12.1	1.24 V	194	43.18	18.72
4	15900.00	51.3 AV	54.0	-2.7	1.24 V	194	32.58	18.72

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	54.7 PK	74.0	-19.3	1.67 H	130	40.03	14.67
2	10640.00	43.8 AV	54.0	-10.2	1.67 H	130	29.13	14.67
3	15960.00	60.4 PK	74.0	-13.6	1.49 H	207	41.73	18.67
4	15960.00	49.5 AV	54.0	-4.5	1.49 H	207	30.83	18.67

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	52.2 PK	74.0	-21.8	1.05 V	239	37.53	14.67
2	10640.00	41.8 AV	54.0	-12.2	1.05 V	239	27.13	14.67
3	15960.00	60.9 PK	74.0	-13.1	1.14 V	205	42.23	18.67
4	15960.00	50.1 AV	54.0	-3.9	1.14 V	205	31.43	18.67

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	54.1 PK	74.0	-19.9	1.75 H	143	39.33	14.77
2	11000.00	43.1 AV	54.0	-10.9	1.75 H	143	28.33	14.77
3	#16500.00	61.3 PK	74.0	-12.7	1.48 H	198	39.62	21.68
4	#16500.00	50.2 AV	54.0	-3.8	1.48 H	198	28.52	21.68

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	53.4 PK	74.0	-20.6	1.21 V	253	38.63	14.77
2	11000.00	42.2 AV	54.0	-11.8	1.21 V	253	27.43	14.77
3	#16500.00	61.3 PK	74.0	-12.7	1.13 V	206	39.62	21.68
4	#16500.00	50.3 AV	54.0	-3.7	1.13 V	206	28.62	21.68

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	53.6 PK	74.0	-20.4	1.76 H	159	38.93	14.67
2	11160.00	43.2 AV	54.0	-10.8	1.76 H	159	28.53	14.67
3	#16740.00	61.9 PK	74.0	-12.1	1.34 H	197	38.99	22.91
4	#16740.00	50.7 AV	54.0	-3.3	1.34 H	197	27.79	22.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	53.7 PK	74.0	-20.3	1.12 V	236	39.03	14.67
2	11160.00	42.6 AV	54.0	-11.4	1.12 V	236	27.93	14.67
3	#16740.00	61.6 PK	74.0	-12.4	1.20 V	199	38.69	22.91
4	#16740.00	50.7 AV	54.0	-3.3	1.20 V	199	27.79	22.91

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 132	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	54.0 PK	74.0	-20.0	1.70 H	137	39.33	14.67
2	11320.00	42.9 AV	54.0	-11.1	1.70 H	137	28.23	14.67
3	#16980.00	61.5 PK	74.0	-12.5	1.49 H	218	38.19	23.31
4	#16980.00	50.3 AV	54.0	-3.7	1.49 H	218	26.99	23.31

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	53.9 PK	74.0	-20.1	1.21 V	242	39.23	14.67
2	11320.00	43.0 AV	54.0	-11.0	1.21 V	242	28.33	14.67
3	#16980.00	61.3 PK	74.0	-12.7	1.17 V	213	37.99	23.31
4	#16980.00	50.7 AV	54.0	-3.3	1.17 V	213	27.39	23.31

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	53.8 PK	74.0	-20.2	1.68 H	154	38.85	14.95
2	11400.00	42.8 AV	54.0	-11.2	1.68 H	154	27.85	14.95
3	#17100.00	60.8 PK	74.0	-13.2	1.47 H	204	35.95	24.85
4	#17100.00	49.6 AV	54.0	-4.4	1.47 H	204	24.75	24.85
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	53.4 PK	74.0	-20.6	1.19 V	225	38.45	14.95
2	11400.00	42.4 AV	54.0	-11.6	1.19 V	225	27.45	14.95
3	#17100.00	61.4 PK	74.0	-12.6	1.22 V	211	36.55	24.85
4	#17100.00	50.4 AV	54.0	-3.6	1.22 V	211	25.55	24.85

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	54.1 PK	74.0	-19.9	1.77 H	134	39.24	14.86
2	11440.00	43.1 AV	54.0	-10.9	1.77 H	134	28.24	14.86
3	#17160.00	61.3 PK	74.0	-12.7	1.51 H	194	35.84	25.46
4	#17160.00	50.3 AV	54.0	-3.7	1.51 H	194	24.84	25.46

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	53.6 PK	74.0	-20.4	1.19 V	231	38.74	14.86
2	11440.00	42.8 AV	54.0	-11.2	1.19 V	231	27.94	14.86
3	#17160.00	62.1 PK	74.0	-11.9	1.21 V	199	36.64	25.46
4	#17160.00	51.2 AV	54.0	-2.8	1.21 V	199	25.74	25.46

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	54.2 PK	74.0	-19.8	1.63 H	140	39.32	14.88
2	#10360.00	43.0 AV	54.0	-11.0	1.63 H	140	28.12	14.88
3	15540.00	61.6 PK	74.0	-12.4	1.36 H	174	40.75	20.85
4	15540.00	50.4 AV	54.0	-3.6	1.36 H	174	29.55	20.85
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	53.3 PK	74.0	-20.7	1.24 V	238	38.42	14.88
2	#10360.00	42.5 AV	54.0	-11.5	1.24 V	238	27.62	14.88
3	15540.00	61.2 PK	74.0	-12.8	1.23 V	210	40.35	20.85
4	15540.00	51.2 AV	54.0	-2.8	1.23 V	210	30.35	20.85

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	54.1 PK	74.0	-19.9	1.72 H	161	38.87	15.23
2	#10400.00	43.4 AV	54.0	-10.6	1.72 H	161	28.17	15.23
3	15600.00	61.2 PK	74.0	-12.8	1.50 H	174	40.32	20.88
4	15600.00	50.3 AV	54.0	-3.7	1.50 H	174	29.42	20.88

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	53.2 PK	74.0	-20.8	1.25 V	224	37.97	15.23
2	#10400.00	42.6 AV	54.0	-11.4	1.25 V	224	27.37	15.23
3	15600.00	60.4 PK	74.0	-13.6	1.17 V	214	39.52	20.88
4	15600.00	50.1 AV	54.0	-3.9	1.17 V	214	29.22	20.88

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	54.3 PK	74.0	-19.7	1.57 H	131	39.09	15.21
2	#10480.00	43.3 AV	54.0	-10.7	1.57 H	131	28.09	15.21
3	15720.00	60.9 PK	74.0	-13.1	1.44 H	194	40.03	20.87
4	15720.00	50.7 AV	54.0	-3.3	1.44 H	194	29.83	20.87

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	53.6 PK	74.0	-20.4	1.21 V	230	38.39	15.21
2	#10480.00	42.7 AV	54.0	-11.3	1.21 V	230	27.49	15.21
3	15720.00	61.5 PK	74.0	-12.5	1.28 V	215	40.63	20.87
4	15720.00	51.0 AV	54.0	-3.0	1.28 V	215	30.13	20.87

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	54.6 PK	74.0	-19.4	1.73 H	151	39.34	15.26
2	#10520.00	43.4 AV	54.0	-10.6	1.73 H	151	28.14	15.26
3	15780.00	61.0 PK	74.0	-13.0	1.39 H	198	40.25	20.75
4	15780.00	50.5 AV	54.0	-3.5	1.39 H	198	29.75	20.75
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	53.0 PK	74.0	-21.0	1.25 V	242	37.74	15.26
2	#10520.00	42.2 AV	54.0	-11.8	1.25 V	242	26.94	15.26
3	15780.00	61.6 PK	74.0	-12.4	1.22 V	199	40.85	20.75
4	15780.00	50.8 AV	54.0	-3.2	1.22 V	199	30.05	20.75

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	54.5 PK	74.0	-19.5	1.73 H	166	38.97	15.53
2	10600.00	43.4 AV	54.0	-10.6	1.73 H	166	27.87	15.53
3	15900.00	61.1 PK	74.0	-12.9	1.49 H	175	39.80	21.30
4	15900.00	50.4 AV	54.0	-3.6	1.49 H	175	29.10	21.30

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	53.0 PK	74.0	-21.0	1.16 V	234	37.47	15.53
2	10600.00	42.3 AV	54.0	-11.7	1.16 V	234	26.77	15.53
3	15900.00	61.2 PK	74.0	-12.8	1.14 V	211	39.90	21.30
4	15900.00	50.9 AV	54.0	-3.1	1.14 V	211	29.60	21.30

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	54.7 PK	74.0	-19.3	1.73 H	141	39.16	15.54
2	10640.00	43.3 AV	54.0	-10.7	1.73 H	141	27.76	15.54
3	15960.00	61.0 PK	74.0	-13.0	1.47 H	181	40.18	20.82
4	15960.00	50.1 AV	54.0	-3.9	1.47 H	181	29.28	20.82
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	53.5 PK	74.0	-20.5	1.27 V	225	37.96	15.54
2	10640.00	43.0 AV	54.0	-11.0	1.27 V	225	27.46	15.54
3	15960.00	60.8 PK	74.0	-13.2	1.21 V	193	39.98	20.82
4	15960.00	50.2 AV	54.0	-3.8	1.21 V	193	29.38	20.82

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	54.5 PK	74.0	-19.5	1.76 H	166	37.55	16.95
2	11000.00	43.1 AV	54.0	-10.9	1.76 H	166	26.15	16.95
3	#16500.00	61.6 PK	74.0	-12.4	1.45 H	201	38.56	23.04
4	#16500.00	50.8 AV	54.0	-3.2	1.45 H	201	27.76	23.04

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	53.3 PK	74.0	-20.7	1.23 V	222	36.35	16.95
2	11000.00	42.6 AV	54.0	-11.4	1.23 V	222	25.65	16.95
3	#16500.00	61.2 PK	74.0	-12.8	1.27 V	219	38.16	23.04
4	#16500.00	50.8 AV	54.0	-3.2	1.27 V	219	27.76	23.04

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	54.0 PK	74.0	-20.0	1.76 H	124	37.79	16.21
2	11160.00	42.7 AV	54.0	-11.3	1.76 H	124	26.49	16.21
3	#16740.00	60.9 PK	74.0	-13.1	1.39 H	182	37.22	23.68
4	#16740.00	50.0 AV	54.0	-4.0	1.39 H	182	26.32	23.68

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	53.4 PK	74.0	-20.6	1.19 V	218	37.19	16.21
2	11160.00	42.3 AV	54.0	-11.7	1.19 V	218	26.09	16.21
3	#16740.00	61.4 PK	74.0	-12.6	1.27 V	178	37.72	23.68
4	#16740.00	50.7 AV	54.0	-3.3	1.27 V	178	27.02	23.68

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 132	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	55.1 PK	74.0	-18.9	1.67 H	149	38.18	16.92
2	11320.00	43.6 AV	54.0	-10.4	1.67 H	149	26.68	16.92
3	#16980.00	60.7 PK	74.0	-13.3	1.47 H	197	36.50	24.20
4	#16980.00	49.8 AV	54.0	-4.2	1.47 H	197	25.60	24.20
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	52.7 PK	74.0	-21.3	1.21 V	244	35.78	16.92
2	11320.00	42.6 AV	54.0	-11.4	1.21 V	244	25.68	16.92
3	#16980.00	61.6 PK	74.0	-12.4	1.19 V	221	37.40	24.20
4	#16980.00	50.9 AV	54.0	-3.1	1.19 V	221	26.70	24.20

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	54.7 PK	74.0	-19.3	1.72 H	137	37.95	16.75
2	11400.00	43.7 AV	54.0	-10.3	1.72 H	137	26.95	16.75
3	#17100.00	61.1 PK	74.0	-12.9	1.52 H	181	36.04	25.06
4	#17100.00	50.4 AV	54.0	-3.6	1.52 H	181	25.34	25.06

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	53.1 PK	74.0	-20.9	1.29 V	205	36.35	16.75
2	11400.00	42.0 AV	54.0	-12.0	1.29 V	205	25.25	16.75
3	#17100.00	61.1 PK	74.0	-12.9	1.25 V	221	36.04	25.06
4	#17100.00	50.4 AV	54.0	-3.6	1.25 V	221	25.34	25.06

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	53.0 PK	74.0	-21.0	1.68 H	166	36.33	16.67
2	11440.00	42.1 AV	54.0	-11.9	1.68 H	166	25.43	16.67
3	#17160.00	61.6 PK	74.0	-12.4	1.48 H	183	36.41	25.19
4	#17160.00	50.7 AV	54.0	-3.3	1.48 H	183	25.51	25.19

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	53.7 PK	74.0	-20.3	1.28 V	236	37.03	16.67
2	11440.00	42.7 AV	54.0	-11.3	1.28 V	236	26.03	16.67
3	#17160.00	62.2 PK	74.0	-11.8	1.21 V	201	37.01	25.19
4	#17160.00	51.5 AV	54.0	-2.5	1.21 V	201	26.31	25.19

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

802.11ac (VHT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	53.9 PK	74.0	-20.1	1.75 H	124	38.84	15.06
2	#10380.00	43.0 AV	54.0	-11.0	1.75 H	124	27.94	15.06
3	15570.00	60.8 PK	74.0	-13.2	1.48 H	191	39.94	20.86
4	15570.00	50.0 AV	54.0	-4.0	1.48 H	191	29.14	20.86
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	53.6 PK	74.0	-20.4	1.25 V	215	38.54	15.06
2	#10380.00	43.0 AV	54.0	-11.0	1.25 V	215	27.94	15.06
3	15570.00	61.1 PK	74.0	-12.9	1.24 V	182	40.24	20.86
4	15570.00	50.4 AV	54.0	-3.6	1.24 V	182	29.54	20.86

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	54.3 PK	74.0	-19.7	1.71 H	166	39.09	15.21
2	#10460.00	43.4 AV	54.0	-10.6	1.71 H	166	28.19	15.21
3	15690.00	60.5 PK	74.0	-13.5	1.42 H	201	39.59	20.91
4	15690.00	49.9 AV	54.0	-4.1	1.42 H	201	28.99	20.91

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	53.8 PK	74.0	-20.2	1.24 V	227	38.59	15.21
2	#10460.00	43.2 AV	54.0	-10.8	1.24 V	227	27.99	15.21
3	15690.00	60.9 PK	74.0	-13.1	1.26 V	183	39.99	20.91
4	15690.00	50.6 AV	54.0	-3.4	1.26 V	183	29.69	20.91

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	53.6 PK	74.0	-20.4	1.73 H	125	38.27	15.33
2	#10540.00	42.9 AV	54.0	-11.1	1.73 H	125	27.57	15.33
3	15810.00	61.4 PK	74.0	-12.6	1.46 H	208	40.64	20.76
4	15810.00	50.8 AV	54.0	-3.2	1.46 H	208	30.04	20.76

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	53.0 PK	74.0	-21.0	1.23 V	215	37.67	15.33
2	#10540.00	42.3 AV	54.0	-11.7	1.23 V	215	26.97	15.33
3	15810.00	61.3 PK	74.0	-12.7	1.19 V	215	40.54	20.76
4	15810.00	51.1 AV	54.0	-2.9	1.19 V	215	30.34	20.76

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	54.5 PK	74.0	-19.5	1.68 H	158	38.97	15.53
2	10620.00	43.0 AV	54.0	-11.0	1.68 H	158	27.47	15.53
3	15930.00	61.1 PK	74.0	-12.9	1.43 H	178	40.03	21.07
4	15930.00	50.1 AV	54.0	-3.9	1.43 H	178	29.03	21.07

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	53.5 PK	74.0	-20.5	1.20 V	225	37.97	15.53
2	10620.00	43.2 AV	54.0	-10.8	1.20 V	225	27.67	15.53
3	15930.00	61.7 PK	74.0	-12.3	1.16 V	213	40.63	21.07
4	15930.00	50.8 AV	54.0	-3.2	1.16 V	213	29.73	21.07

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 102	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	54.1 PK	74.0	-19.9	1.60 H	144	37.29	16.81
2	11020.00	42.8 AV	54.0	-11.2	1.60 H	144	25.99	16.81
3	#16530.00	61.1 PK	74.0	-12.9	1.49 H	184	37.94	23.16
4	#16530.00	50.3 AV	54.0	-3.7	1.49 H	184	27.14	23.16

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11020.00	53.2 PK	74.0	-20.8	1.27 V	215	36.39	16.81
2	11020.00	42.7 AV	54.0	-11.3	1.27 V	215	25.89	16.81
3	#16530.00	61.2 PK	74.0	-12.8	1.16 V	203	38.04	23.16
4	#16530.00	50.5 AV	54.0	-3.5	1.16 V	203	27.34	23.16

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11100.00	54.5 PK	74.0	-19.5	1.72 H	140	38.18	16.32
2	11100.00	43.2 AV	54.0	-10.8	1.72 H	140	26.88	16.32
3	#16650.00	60.8 PK	74.0	-13.2	1.43 H	167	37.35	23.45
4	#16650.00	50.1 AV	54.0	-3.9	1.43 H	167	26.65	23.45

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11100.00	53.9 PK	74.0	-20.1	1.27 V	211	37.58	16.32
2	11100.00	42.9 AV	54.0	-11.1	1.27 V	211	26.58	16.32
3	#16650.00	61.1 PK	74.0	-12.9	1.24 V	196	37.65	23.45
4	#16650.00	50.8 AV	54.0	-3.2	1.24 V	196	27.35	23.45

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11340.00	55.1 PK	74.0	-18.9	1.74 H	139	38.22	16.88
2	11340.00	43.8 AV	54.0	-10.2	1.74 H	139	26.92	16.88
3	#17010.00	61.7 PK	74.0	-12.3	1.50 H	191	37.45	24.25
4	#17010.00	50.7 AV	54.0	-3.3	1.50 H	191	26.45	24.25

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11340.00	53.6 PK	74.0	-20.4	1.19 V	210	36.72	16.88
2	11340.00	42.7 AV	54.0	-11.3	1.19 V	210	25.82	16.88
3	#17010.00	61.2 PK	74.0	-12.8	1.26 V	225	36.95	24.25
4	#17010.00	50.6 AV	54.0	-3.4	1.26 V	225	26.35	24.25

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11420.00	54.2 PK	74.0	-19.8	1.67 H	138	37.49	16.71
2	11420.00	43.1 AV	54.0	-10.9	1.67 H	138	26.39	16.71
3	#17130.00	61.4 PK	74.0	-12.6	1.45 H	192	36.27	25.13
4	#17130.00	50.3 AV	54.0	-3.7	1.45 H	192	25.17	25.13

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11420.00	53.7 PK	74.0	-20.3	1.20 V	238	36.99	16.71
2	11420.00	43.1 AV	54.0	-10.9	1.20 V	238	26.39	16.71
3	#17130.00	61.6 PK	74.0	-12.4	1.27 V	220	36.47	25.13
4	#17130.00	50.8 AV	54.0	-3.2	1.27 V	220	25.67	25.13

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

802.11ac (VHT80)

CHANNEL	TX Channel 42	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10420.00	54.1 PK	74.0	-19.9	1.67 H	152	3.34	50.76
2	#10420.00	43.2 AV	54.0	-10.8	1.67 H	152	-7.56	50.76
3	15630.00	61.4 PK	74.0	-12.6	1.45 H	227	5.42	55.98
4	15630.00	50.1 AV	54.0	-3.9	1.45 H	227	-5.88	55.98
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10420.00	54.2 PK	74.0	-19.8	1.18 V	232	3.44	50.76
2	#10420.00	43.8 AV	54.0	-10.2	1.18 V	232	-6.96	50.76
3	15630.00	61.4 PK	74.0	-12.6	1.13 V	194	5.42	55.98
4	15630.00	50.6 AV	54.0	-3.4	1.13 V	194	-5.38	55.98

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 58	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10580.00	54.7 PK	74.0	-19.3	1.68 H	158	39.24	15.46
2	#10580.00	43.5 AV	54.0	-10.5	1.68 H	158	28.04	15.46
3	15870.00	60.0 PK	74.0	-14.0	1.40 H	208	38.89	21.11
4	15870.00	49.6 AV	54.0	-4.4	1.40 H	208	28.49	21.11

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10580.00	53.4 PK	74.0	-20.6	1.23 V	221	37.94	15.46
2	#10580.00	42.7 AV	54.0	-11.3	1.23 V	221	27.24	15.46
3	15870.00	60.9 PK	74.0	-13.1	1.19 V	205	39.79	21.11
4	15870.00	50.5 AV	54.0	-3.5	1.19 V	205	29.39	21.11

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11060.00	53.4 PK	74.0	-20.6	1.69 H	171	36.83	16.57
2	11060.00	42.4 AV	54.0	-11.6	1.69 H	171	25.83	16.57
3	#16590.00	61.6 PK	74.0	-12.4	1.34 H	213	38.19	23.41
4	#16590.00	50.5 AV	54.0	-3.5	1.34 H	213	27.09	23.41

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11060.00	54.0 PK	74.0	-20.0	1.20 V	224	37.43	16.57
2	11060.00	43.2 AV	54.0	-10.8	1.20 V	224	26.63	16.57
3	#16590.00	61.5 PK	74.0	-12.5	1.21 V	158	38.09	23.41
4	#16590.00	50.5 AV	54.0	-3.5	1.21 V	158	27.09	23.41

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11380.00	54.1 PK	74.0	-19.9	1.67 H	121	37.31	16.79
2	11380.00	42.9 AV	54.0	-11.1	1.67 H	121	26.11	16.79
3	#17070.00	60.4 PK	74.0	-13.6	1.50 H	193	35.61	24.79
4	#17070.00	49.9 AV	54.0	-4.1	1.50 H	193	25.11	24.79
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11380.00	53.2 PK	74.0	-20.8	1.27 V	227	36.41	16.79
2	11380.00	42.0 AV	54.0	-12.0	1.27 V	227	25.21	16.79
3	#17070.00	61.6 PK	74.0	-12.4	1.22 V	205	36.81	24.79
4	#17070.00	51.2 AV	54.0	-2.8	1.22 V	205	26.41	24.79

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.

4.5.9 TEST RESULTS (MODE 2, RADIATED MEASUREMENT)

Radiated versus Conducted Measurement	
☐ Conducted measurement	☒ Radiated measurement
<u>For Radiated measurement:</u> The level of unwanted emissions was measured when radiated by the cabinet or structure of the equipment with the antenna connector(s) terminated by a specified load (cabinet radiation) <u>For Conducted measurement:</u> The level of unwanted emissions was measured as their power in a specified load (conducted spurious emissions).	

BELOW 1GHz WORST-CASE DATA

802.11a

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	Below 1GHz		

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	54.11	25.3 QP	40.0	-14.7	2.00 H	93	38.86	-13.55
2	166.04	35.2 QP	43.5	-8.3	2.00 H	118	48.71	-13.49
3	233.22	38.1 QP	46.0	-7.9	1.00 H	11	53.60	-15.46
4	428.38	33.5 QP	46.0	-12.5	2.00 H	66	42.22	-8.75
5	666.47	31.6 QP	46.0	-14.4	1.00 H	42	35.63	-3.99
6	770.69	33.6 QP	46.0	-12.4	2.00 H	107	35.27	-1.63
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	49.40	22.9 QP	40.0	-17.1	1.00 V	32	36.44	-13.52
2	166.58	24.5 QP	43.5	-19.0	2.00 V	202	38.06	-13.52
3	311.74	26.2 QP	46.0	-19.8	1.50 V	181	38.22	-11.98
4	428.33	26.6 QP	46.0	-19.4	2.00 V	133	35.31	-8.75
5	663.85	32.2 QP	46.0	-13.8	1.50 V	130	36.22	-4.03
6	906.64	40.5 QP	46.0	-5.5	1.50 V	116	40.23	0.23

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



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ABOVE 1GHz DATA

802.11a

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	54.5 PK	74.0	-19.5	1.73 H	159	39.62	14.88
2	#10360.00	43.5 AV	54.0	-10.5	1.73 H	159	28.62	14.88
3	15540.00	61.8 PK	74.0	-12.2	1.48 H	205	40.95	20.85
4	15540.00	50.5 AV	54.0	-3.5	1.48 H	205	29.65	20.85
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	53.9 PK	74.0	-20.1	1.20 V	240	39.02	14.88
2	#10360.00	42.9 AV	54.0	-11.1	1.20 V	240	28.02	14.88
3	15540.00	61.6 PK	74.0	-12.4	1.20 V	205	40.75	20.85
4	15540.00	50.8 AV	54.0	-3.2	1.20 V	205	29.95	20.85

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	54.4 PK	74.0	-19.6	1.71 H	153	39.17	15.23
2	#10400.00	43.8 AV	54.0	-10.2	1.71 H	153	28.57	15.23
3	15600.00	60.7 PK	74.0	-13.3	1.49 H	210	39.82	20.88
4	15600.00	49.9 AV	54.0	-4.1	1.49 H	210	29.02	20.88
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	54.0 PK	74.0	-20.0	1.11 V	250	38.77	15.23
2	#10400.00	43.3 AV	54.0	-10.7	1.11 V	250	28.07	15.23
3	15600.00	59.8 PK	74.0	-14.2	1.19 V	200	38.92	20.88
4	15600.00	49.6 AV	54.0	-4.4	1.19 V	200	28.72	20.88

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	54.9 PK	74.0	-19.1	1.73 H	145	39.69	15.21
2	#10480.00	44.3 AV	54.0	-9.7	1.73 H	145	29.09	15.21
3	15720.00	61.3 PK	74.0	-12.7	1.52 H	203	40.43	20.87
4	15720.00	50.5 AV	54.0	-3.5	1.52 H	203	29.63	20.87
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	54.5 PK	74.0	-19.5	1.14 V	254	39.29	15.21
2	#10480.00	43.6 AV	54.0	-10.4	1.14 V	254	28.39	15.21
3	15720.00	60.9 PK	74.0	-13.1	1.07 V	229	40.03	20.87
4	15720.00	50.4 AV	54.0	-3.6	1.07 V	229	29.53	20.87

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	54.1 PK	74.0	-19.9	1.79 H	150	38.84	15.26
2	#10520.00	43.2 AV	54.0	-10.8	1.79 H	150	27.94	15.26
3	15780.00	60.9 PK	74.0	-13.1	1.53 H	196	40.15	20.75
4	15780.00	50.0 AV	54.0	-4.0	1.53 H	196	29.25	20.75

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	54.7 PK	74.0	-19.3	1.15 V	248	39.44	15.26
2	#10520.00	43.5 AV	54.0	-10.5	1.15 V	248	28.24	15.26
3	15780.00	60.8 PK	74.0	-13.2	1.17 V	230	40.05	20.75
4	15780.00	49.9 AV	54.0	-4.1	1.17 V	230	29.15	20.75

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	54.8 PK	74.0	-19.2	1.75 H	156	39.27	15.53
2	10600.00	43.9 AV	54.0	-10.1	1.75 H	156	28.37	15.53
3	15900.00	61.3 PK	74.0	-12.7	1.51 H	211	40.00	21.30
4	15900.00	50.3 AV	54.0	-3.7	1.51 H	211	29.00	21.30

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	54.8 PK	74.0	-19.2	1.21 V	264	39.27	15.53
2	10600.00	43.7 AV	54.0	-10.3	1.21 V	264	28.17	15.53
3	15900.00	61.2 PK	74.0	-12.8	1.16 V	224	39.90	21.30
4	15900.00	50.5 AV	54.0	-3.5	1.16 V	224	29.20	21.30

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	55.3 PK	74.0	-18.7	1.70 H	145	39.76	15.54
2	10640.00	44.2 AV	54.0	-9.8	1.70 H	145	28.66	15.54
3	15960.00	61.6 PK	74.0	-12.4	1.48 H	223	40.78	20.82
4	15960.00	50.7 AV	54.0	-3.3	1.48 H	223	29.88	20.82

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	54.4 PK	74.0	-19.6	1.14 V	255	38.86	15.54
2	10640.00	43.4 AV	54.0	-10.6	1.14 V	255	27.86	15.54
3	15960.00	60.5 PK	74.0	-13.5	1.13 V	235	39.68	20.82
4	15960.00	50.0 AV	54.0	-4.0	1.13 V	235	29.18	20.82

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	54.5 PK	74.0	-19.5	1.77 H	158	37.55	16.95
2	11000.00	43.4 AV	54.0	-10.6	1.77 H	158	26.45	16.95
3	#16500.00	61.1 PK	74.0	-12.9	1.48 H	222	38.06	23.04
4	#16500.00	50.2 AV	54.0	-3.8	1.48 H	222	27.16	23.04

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	54.7 PK	74.0	-19.3	1.15 V	268	37.75	16.95
2	11000.00	43.7 AV	54.0	-10.3	1.15 V	268	26.75	16.95
3	#16500.00	59.5 PK	74.0	-14.5	1.22 V	227	36.46	23.04
4	#16500.00	49.2 AV	54.0	-4.8	1.22 V	227	26.16	23.04

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	54.8 PK	74.0	-19.2	1.70 H	148	38.59	16.21
2	11160.00	43.6 AV	54.0	-10.4	1.70 H	148	27.39	16.21
3	#16740.00	60.1 PK	74.0	-13.9	1.55 H	185	36.42	23.68
4	#16740.00	49.2 AV	54.0	-4.8	1.55 H	185	25.52	23.68
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	54.6 PK	74.0	-19.4	1.18 V	275	38.39	16.21
2	11160.00	43.5 AV	54.0	-10.5	1.18 V	275	27.29	16.21
3	#16740.00	60.8 PK	74.0	-13.2	1.16 V	186	37.12	23.68
4	#16740.00	50.3 AV	54.0	-3.7	1.16 V	186	26.62	23.68

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 132	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	54.4 PK	74.0	-19.6	1.72 H	140	37.48	16.92
2	11320.00	43.7 AV	54.0	-10.3	1.72 H	140	26.78	16.92
3	#16980.00	60.6 PK	74.0	-13.4	1.45 H	223	36.40	24.20
4	#16980.00	49.9 AV	54.0	-4.1	1.45 H	223	25.70	24.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	54.4 PK	74.0	-19.6	1.20 V	225	37.48	16.92
2	11320.00	43.8 AV	54.0	-10.2	1.20 V	225	26.88	16.92
3	#16980.00	61.1 PK	74.0	-12.9	1.06 V	210	36.90	24.20
4	#16980.00	50.3 AV	54.0	-3.7	1.06 V	210	26.10	24.20

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	54.1 PK	74.0	-19.9	1.73 H	157	37.35	16.75
2	11400.00	43.9 AV	54.0	-10.1	1.73 H	157	27.15	16.75
3	#17100.00	61.6 PK	74.0	-12.4	1.51 H	218	36.54	25.06
4	#17100.00	50.5 AV	54.0	-3.5	1.51 H	218	25.44	25.06

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	53.7 PK	74.0	-20.3	1.26 V	239	36.95	16.75
2	11400.00	43.0 AV	54.0	-11.0	1.26 V	239	26.25	16.75
3	#17100.00	61.2 PK	74.0	-12.8	1.18 V	202	36.14	25.06
4	#17100.00	50.6 AV	54.0	-3.4	1.18 V	202	25.54	25.06

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	54.3 PK	74.0	-19.7	1.80 H	159	37.63	16.67
2	11440.00	43.4 AV	54.0	-10.6	1.80 H	159	26.73	16.67
3	#17160.00	61.3 PK	74.0	-12.7	1.47 H	190	36.11	25.19
4	#17160.00	50.2 AV	54.0	-3.8	1.47 H	190	25.01	25.19

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	54.1 PK	74.0	-19.9	1.18 V	243	37.43	16.67
2	11440.00	43.2 AV	54.0	-10.8	1.18 V	243	26.53	16.67
3	#17160.00	61.2 PK	74.0	-12.8	1.22 V	208	36.01	25.19
4	#17160.00	50.6 AV	54.0	-3.4	1.22 V	208	25.41	25.19

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

802.11ac (VHT20)

CHANNEL	TX Channel 36	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	53.6 PK	74.0	-20.4	1.68 H	167	38.72	14.88
2	#10360.00	42.8 AV	54.0	-11.2	1.68 H	167	27.92	14.88
3	15540.00	62.2 PK	74.0	-11.8	1.43 H	216	41.35	20.85
4	15540.00	50.7 AV	54.0	-3.3	1.43 H	216	29.85	20.85
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10360.00	54.0 PK	74.0	-20.0	1.19 V	247	39.12	14.88
2	#10360.00	43.4 AV	54.0	-10.6	1.19 V	247	28.52	14.88
3	15540.00	61.2 PK	74.0	-12.8	1.21 V	191	40.35	20.85
4	15540.00	50.4 AV	54.0	-3.6	1.21 V	191	29.55	20.85

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 40	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	52.9 PK	74.0	-21.1	1.65 H	155	37.67	15.23
2	#10400.00	41.9 AV	54.0	-12.1	1.65 H	155	26.67	15.23
3	15600.00	62.5 PK	74.0	-11.5	1.41 H	212	41.62	20.88
4	15600.00	51.0 AV	54.0	-3.0	1.41 H	212	30.12	20.88

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10400.00	53.4 PK	74.0	-20.6	1.17 V	238	38.17	15.23
2	#10400.00	42.6 AV	54.0	-11.4	1.17 V	238	27.37	15.23
3	15600.00	60.8 PK	74.0	-13.2	1.15 V	191	39.92	20.88
4	15600.00	50.5 AV	54.0	-3.5	1.15 V	191	29.62	20.88

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 48	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	54.0 PK	74.0	-20.0	1.62 H	147	38.79	15.21
2	#10480.00	43.0 AV	54.0	-11.0	1.62 H	147	27.79	15.21
3	15720.00	61.8 PK	74.0	-12.2	1.46 H	205	40.93	20.87
4	15720.00	50.4 AV	54.0	-3.6	1.46 H	205	29.53	20.87

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10480.00	54.2 PK	74.0	-19.8	1.21 V	231	38.99	15.21
2	#10480.00	43.4 AV	54.0	-10.6	1.21 V	231	28.19	15.21
3	15720.00	61.5 PK	74.0	-12.5	1.16 V	173	40.63	20.87
4	15720.00	50.9 AV	54.0	-3.1	1.16 V	173	30.03	20.87

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 52	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	53.3 PK	74.0	-20.7	1.65 H	137	38.04	15.26
2	#10520.00	42.5 AV	54.0	-11.5	1.65 H	137	27.24	15.26
3	15780.00	62.4 PK	74.0	-11.6	1.44 H	230	41.65	20.75
4	15780.00	51.2 AV	54.0	-2.8	1.44 H	230	30.45	20.75

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10520.00	53.3 PK	74.0	-20.7	1.16 V	251	38.04	15.26
2	#10520.00	42.7 AV	54.0	-11.3	1.16 V	251	27.44	15.26
3	15780.00	61.0 PK	74.0	-13.0	1.10 V	182	40.25	20.75
4	15780.00	50.1 AV	54.0	-3.9	1.10 V	182	29.35	20.75

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 60	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	54.1 PK	74.0	-19.9	1.72 H	170	38.57	15.53
2	10600.00	43.2 AV	54.0	-10.8	1.72 H	170	27.67	15.53
3	15900.00	61.3 PK	74.0	-12.7	1.41 H	214	40.00	21.30
4	15900.00	49.8 AV	54.0	-4.2	1.41 H	214	28.50	21.30

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10600.00	53.5 PK	74.0	-20.5	1.18 V	235	37.97	15.53
2	10600.00	43.3 AV	54.0	-10.7	1.18 V	235	27.77	15.53
3	15900.00	61.0 PK	74.0	-13.0	1.26 V	180	39.70	21.30
4	15900.00	50.1 AV	54.0	-3.9	1.26 V	180	28.80	21.30

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 64	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	52.7 PK	74.0	-21.3	1.66 H	163	37.16	15.54
2	10640.00	42.5 AV	54.0	-11.5	1.66 H	163	26.96	15.54
3	15960.00	62.3 PK	74.0	-11.7	1.35 H	214	41.48	20.82
4	15960.00	51.0 AV	54.0	-3.0	1.35 H	214	30.18	20.82

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10640.00	54.2 PK	74.0	-19.8	1.19 V	234	38.66	15.54
2	10640.00	43.4 AV	54.0	-10.6	1.19 V	234	27.86	15.54
3	15960.00	61.5 PK	74.0	-12.5	1.20 V	183	40.68	20.82
4	15960.00	50.7 AV	54.0	-3.3	1.20 V	183	29.88	20.82

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value



A D T

CHANNEL	TX Channel 100	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	53.4 PK	74.0	-20.6	1.65 H	156	36.45	16.95
2	11000.00	42.9 AV	54.0	-11.1	1.65 H	156	25.95	16.95
3	#16500.00	61.6 PK	74.0	-12.4	1.43 H	186	38.56	23.04
4	#16500.00	50.5 AV	54.0	-3.5	1.43 H	186	27.46	23.04

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11000.00	54.1 PK	74.0	-19.9	1.11 V	233	37.15	16.95
2	11000.00	43.5 AV	54.0	-10.5	1.11 V	233	26.55	16.95
3	#16500.00	61.7 PK	74.0	-12.3	1.08 V	191	38.66	23.04
4	#16500.00	50.9 AV	54.0	-3.1	1.08 V	191	27.86	23.04

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 116	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	52.7 PK	74.0	-21.3	1.71 H	160	36.49	16.21
2	11160.00	42.4 AV	54.0	-11.6	1.71 H	160	26.19	16.21
3	#16740.00	61.8 PK	74.0	-12.2	1.40 H	225	38.12	23.68
4	#16740.00	50.4 AV	54.0	-3.6	1.40 H	225	26.72	23.68

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11160.00	53.4 PK	74.0	-20.6	1.23 V	211	37.19	16.21
2	11160.00	42.8 AV	54.0	-11.2	1.23 V	211	26.59	16.21
3	#16740.00	61.3 PK	74.0	-12.7	1.22 V	174	37.62	23.68
4	#16740.00	50.8 AV	54.0	-3.2	1.22 V	174	27.12	23.68

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 132	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	53.8 PK	74.0	-20.2	1.72 H	176	36.88	16.92
2	11320.00	43.0 AV	54.0	-11.0	1.72 H	176	26.08	16.92
3	#16980.00	62.6 PK	74.0	-11.4	1.42 H	203	38.40	24.20
4	#16980.00	51.1 AV	54.0	-2.9	1.42 H	203	26.90	24.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11320.00	53.4 PK	74.0	-20.6	1.17 V	234	36.48	16.92
2	11320.00	43.1 AV	54.0	-10.9	1.17 V	234	26.18	16.92
3	#16980.00	60.8 PK	74.0	-13.2	1.22 V	175	36.60	24.20
4	#16980.00	50.0 AV	54.0	-4.0	1.22 V	175	25.80	24.20

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	52.7 PK	74.0	-21.3	1.65 H	142	35.95	16.75
2	11400.00	42.6 AV	54.0	-11.4	1.65 H	142	25.85	16.75
3	#17100.00	61.6 PK	74.0	-12.4	1.45 H	210	36.54	25.06
4	#17100.00	50.5 AV	54.0	-3.5	1.45 H	210	25.44	25.06
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11400.00	52.9 PK	74.0	-21.1	1.21 V	243	36.15	16.75
2	11400.00	42.5 AV	54.0	-11.5	1.21 V	243	25.75	16.75
3	#17100.00	60.1 PK	74.0	-13.9	1.21 V	199	35.04	25.06
4	#17100.00	49.7 AV	54.0	-4.3	1.21 V	199	24.64	25.06

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 144	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	53.6 PK	74.0	-20.4	1.63 H	153	36.93	16.67
2	11440.00	42.8 AV	54.0	-11.2	1.63 H	153	26.13	16.67
3	#17160.00	62.4 PK	74.0	-11.6	1.36 H	221	37.21	25.19
4	#17160.00	50.8 AV	54.0	-3.2	1.36 H	221	25.61	25.19

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	11440.00	54.6 PK	74.0	-19.4	1.07 V	243	37.93	16.67
2	11440.00	43.8 AV	54.0	-10.2	1.07 V	243	27.13	16.67
3	#17160.00	60.0 PK	74.0	-14.0	1.21 V	192	34.81	25.19
4	#17160.00	49.7 AV	54.0	-4.3	1.21 V	192	24.51	25.19

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

802.11ac (VHT40)

CHANNEL	TX Channel 38	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	53.8 PK	74.0	-20.2	1.63 H	158	38.74	15.06
2	#10380.00	42.8 AV	54.0	-11.2	1.63 H	158	27.74	15.06
3	15570.00	61.3 PK	74.0	-12.7	1.33 H	206	40.44	20.86
4	15570.00	50.0 AV	54.0	-4.0	1.33 H	206	29.14	20.86
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10380.00	53.9 PK	74.0	-20.1	1.11 V	253	38.84	15.06
2	#10380.00	43.5 AV	54.0	-10.5	1.11 V	253	28.44	15.06
3	15570.00	61.7 PK	74.0	-12.3	1.15 V	193	40.84	20.86
4	15570.00	50.9 AV	54.0	-3.1	1.15 V	193	30.04	20.86

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 46	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	53.0 PK	74.0	-21.0	1.71 H	173	37.79	15.21
2	#10460.00	42.4 AV	54.0	-11.6	1.71 H	173	27.19	15.21
3	15690.00	62.4 PK	74.0	-11.6	1.42 H	214	41.49	20.91
4	15690.00	51.1 AV	54.0	-2.9	1.42 H	214	30.19	20.91
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10460.00	53.7 PK	74.0	-20.3	1.16 V	229	38.49	15.21
2	#10460.00	43.3 AV	54.0	-10.7	1.16 V	229	28.09	15.21
3	15690.00	61.2 PK	74.0	-12.8	1.06 V	200	40.29	20.91
4	15690.00	50.5 AV	54.0	-3.5	1.06 V	200	29.59	20.91

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 54	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	53.1 PK	74.0	-20.9	1.73 H	170	37.77	15.33
2	#10540.00	42.5 AV	54.0	-11.5	1.73 H	170	27.17	15.33
3	15810.00	62.0 PK	74.0	-12.0	1.37 H	212	41.24	20.76
4	15810.00	50.6 AV	54.0	-3.4	1.37 H	212	29.84	20.76
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	#10540.00	53.3 PK	74.0	-20.7	1.20 V	258	37.97	15.33
2	#10540.00	43.0 AV	54.0	-11.0	1.20 V	258	27.67	15.33
3	15810.00	60.9 PK	74.0	-13.1	1.24 V	193	40.14	20.76
4	15810.00	50.3 AV	54.0	-3.7	1.24 V	193	29.54	20.76

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value
5. " # ": The radiated frequency is out of the restricted band.



A D T

CHANNEL	TX Channel 62	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	53.9 PK	74.0	-20.1	1.72 H	150	38.37	15.53
2	10620.00	42.9 AV	54.0	-11.1	1.72 H	150	27.37	15.53
3	15930.00	62.4 PK	74.0	-11.6	1.33 H	213	41.33	21.07
4	15930.00	51.1 AV	54.0	-2.9	1.33 H	213	30.03	21.07

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	FREQ. (MHz)	EMISSION LEVEL (dBuV/m)	LIMIT (dBuV/m)	MARGIN (dB)	ANTENNA HEIGHT (m)	TABLE ANGLE (Degree)	RAW VALUE (dBuV)	CORRECTION FACTOR (dB/m)
1	10620.00	54.1 PK	74.0	-19.9	1.13 V	258	38.57	15.53
2	10620.00	43.7 AV	54.0	-10.3	1.13 V	258	28.17	15.53
3	15930.00	61.0 PK	74.0	-13.0	1.25 V	193	39.93	21.07
4	15930.00	50.5 AV	54.0	-3.5	1.25 V	193	29.43	21.07

REMARKS:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission Level – Limit value