TEST REPORT

Applicant	Amazon.com Services Inc.
Address	410 Terry Avenue North Seattle, United States, WA 98109

Manufacturer or Supplier	TCL Technoly Electronics(Huizhou) Co., Ltd.
Address	Section 37, Zhongkai High-tech Development Zone, Huizhou City, Guang Dong Province, China, 516006.
Product	Echo Wall Clock ME
Brand Name	Amazon
Model	C8G55Z
Additional Model & Model Difference	KL6G3L, see section 3.1
Date of tests	Oct. 12, 2019 ~ Oct. 26, 2019

The submitted sample of the above equipment has been tested partially for according to the requirements of the following standards:

☒ **FCC Part 15, Subpart C, Section 15.247**
For transmitter radiated emission, conducted output power test items

CONCLUSION: The submitted sample was found to COMPLY with the test requirement

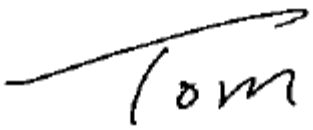
Tested by Tom Chen Project Engineer / EMC Department	Approved by Glyn He Assistant Manager/ EMC Department
	 Date: Nov. 13, 2019

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TABLE OF CONTENTS

RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
RF180829N012-1	Original release	Dec. 04, 2018
RF191012N030-1	Based on the original report RF180829N012-1, added a new model and reduced power setting and changed product name. It needs to be retested transmitter radiated emission, conducted output power test items.	Nov. 13, 2019

1 SUMMARY OF TEST RESULTS

The EUT has been tested according to the following specifications:

APPLIED STANDARD: FCC Part 15, Subpart C			
STANDARD SECTION	**TEST TYPE AND LIMIT**	**RESULT**	**REMARK**
15.247(b)	Conducted Output power	PASS	Meet the requirement of limit.
15.247(d)& 15.209	Transmitter Radiated Emission	PASS	Meet the requirement of limit.
Note: All other RF test data refer to the report RF180829N012-1.			

2 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

MEASUREMENT	FREQUENCY	UNCERTAINTY
Radiated emissions	9KHz ~ 30MHz	2.90dB
	30MHz ~ 1GMHz	3.76dB
	1GHz ~ 18GHz	4.84dB
	18GHz ~ 40GHz	4.96dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3 GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

PRODUCT	Echo Wall Clock ME
MODEL NO.	C8G55Z
ADDITIONAL MODEL	KL6G3L
FCC ID	UUU-8459
POWER SUPPLY	DC 6V (1.5V*AA*4) from Battery
MODULATION TECHNOLOGY	FHSS
MODULATION TYPE	GFSK, π/4 DQPSK, 8DPSK
OPERATING FREQUENCY	2402MHz~2480MHz
NUMBER OF CHANNEL	79
PEAK OUTPUT POWER	3.228mW (Max. Measured)
ANTENNA TYPE	PCB Antenna, 2.89dBi Gain
I/O PORTS	Refer to user's manual
CABLE SUPPLIED	N/A

NOTES:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
3. Please refer to the EUT photo document (Reference No.: 191012N030) for detailed product photo.
4. Additional model KL6G3L is identical with the test model C8G55Z except the appearance and model number for marketing purpose.

3.2 DESCRIPTION OF TEST MODES

79 channels are provided to this EUT:

CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)	CHANNEL	FREQ. (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477
16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		

3.2.1. CONFIGURATION OF SYSTEM UNDER TEST

Please see section 5 photograph of the test configuration for reference.

3.2.2. TEST MODE APPLICABILITY AND TESTED CHANNEL DETAIL

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and antenna ports The worst case was found when positioned on X axis for radiated emission. Following channel(s) was (were) selected for the final test as listed below:

EUT CONFIGURE MODE	APPLICABLE TO				DESCRIPTION
	RE<1G	RE≥1G	PLC	APCM	
A	√	√	-	√	Powered By New Battery

Where **RE<1G:** Radiated Emission below 1GHz **RE≥1G:** Radiated Emission above 1GHz
PLC: Power Line Conducted Emission **APCM:** Antenna Port Conducted Measurement

NOTE: No need to concern of Conducted Emission due to the EUT is powered by battery.

RADIATED EMISSION TEST (BELOW 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	PACKET TYPE
0 to 78	39	FHSS	GFSK	DH5

For the test results, only the worst case was shown in test report.

RADIATED EMISSION TEST (ABOVE 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, XYZ axis, antenna ports (if EUT with antenna diversity architecture) and packet type.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	PACKET TYPE
0 to 78	0, 39, 78	FHSS	GFSK	DH5
0 to 78	0, 39, 78	FHSS	8DPSK	3DH5

ANTENNA PORT CONDUCTED MEASUREMENT:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, antenna ports (if EUT with antenna diversity architecture), and packet types.

☒ Following channel(s) was (were) selected for the final test as listed below.

AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	PACKET TYPE
0 to 78	0, 39, 78	FHSS	GFSK	DH5
0 to 78	0, 39, 78	FHSS	8DPSK	3DH5

TEST CONDITION:

APPLICABLE TO	ENVIRONMENTAL CONDITIONS	TEST VOLTAGE (SYSTEM)	TESTED BY
RE<1G	25deg. C, 55%RH	DC 6V from New Battery	Walker
RE≥1G	25deg. C, 55%RH	DC 6V from New Battery	Walker
PLC	-	-	-
APCM	25deg. C, 60%RH	DC 6V from New Battery	Robert Cheng

3.3 GENERAL DESCRIPTION OF APPLIED STANDARDS

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C, Section 15.247
KDB 558074 D01 15.247 Meas Guidance v05r02
ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.

3.4 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit without any other necessary accessory or support units.

4 TEST TYPES AND RESULTS

4.1. RADIATED EMISSION AND BANDEDGE MEASUREMENT

4.1.1 LIMITS OF RADIATED EMISSION AND BANDEDGE MEASUREMENT

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a). Other emissions shall be at least 20dB below the highest level of the desired power.

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

NOTES:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), 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 under any condition of modulation.

4.1.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESU40	100449	Mar. 12,19	Mar. 11,20
Signal and Spectrum Analyzer	Rohde&Schwarz	FSV7	102331	May 22,19	May 21,20
Active Loop Antenna (9KHz -30MHz)	SCHWARZBECK	FMZB 1519B	1519B-045	May 28,19	May 27,20
Amplifier (9KHz -1GHz)	Burgeon	BPA-530	100210	Apr. 21,19	Apr. 20,20
Bilog Antenna (20MHz -2GHz)	Teseq	CBL 6111D	30643	Jun. 23,19	Jun. 22,20
Horn Antenna (1GHz -18GHz)	ETS -Lindgren	3117	00062558	Jun. 23,19	Jun. 22,20
Horn Antenna (18GHz -40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170242	May 05,19	May 04,20
3m Semi-anechoic Chamber	ETS-LINDGREN	9m*6m*6m	NSEMC003	Apr. 21,19	Apr. 20,20
Test Software	ADT	ADT_Radiated _V7.6.15.9.2	N/A	N/A	N/A
Broadband Preamplifier (1GHz~18GHz)	SCHWARZBECK	BBV9718	305	Apr. 21,19	Apr. 20,20
Pre-Amplifier (18GHz-40GHz)	EMCI	EMC 184045	980102	Nov. 09,18	Nov. 08,19
Test Software	ADT	ADT_Radiated _V7.6.15.9.2	N/A	N/A	N/A
BLUETOOTH TESTER	Rohde&Schwarz	CBT32	100811	May 20,19	May 19,20

NOTES:

1. The test was performed in 966 Chamber.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
3. The horn antenna is used only for the measurement of emission frequency above1GHz if tested.
4. The FCC Site Registration No. is 749762.

4.1.3 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 1.5 meters(above 1GHz) and 0.8 meters(below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. For below 1GHz was used bilog antenna, and above 1GHz was used horn antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1m above the ground.

g. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, For battery operated equipment, the equipment tests shall be perform using fresh batteries. The turntable was rotated to maximize the emission level.

NOTES:

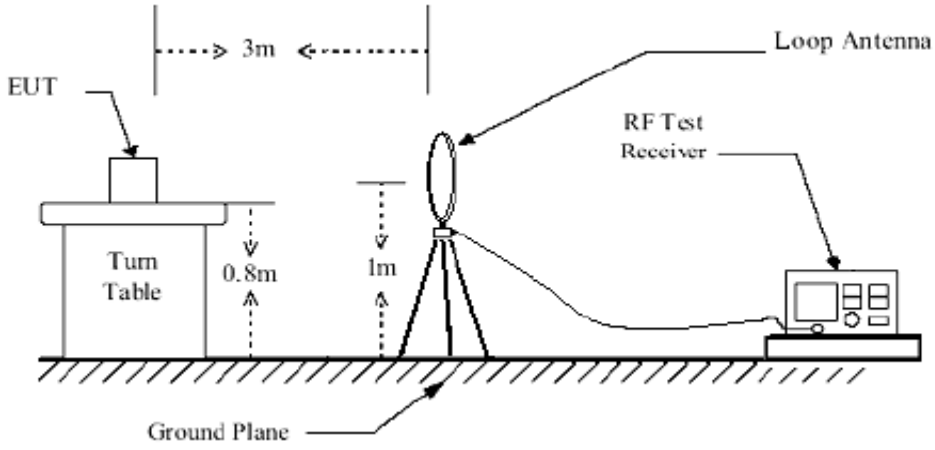
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz(Duty cycle > 98%) for Average detection (AV) at frequency above 1GHz.
4. All modes of operation were investigated and the worst-case emissions are reported.
5. The testing of the EUT was performed on all 3 orthogonal axes; the worst-case test configuration was reported on the file test setup photo.

4.1.4 DEVIATION FROM TEST STANDARD

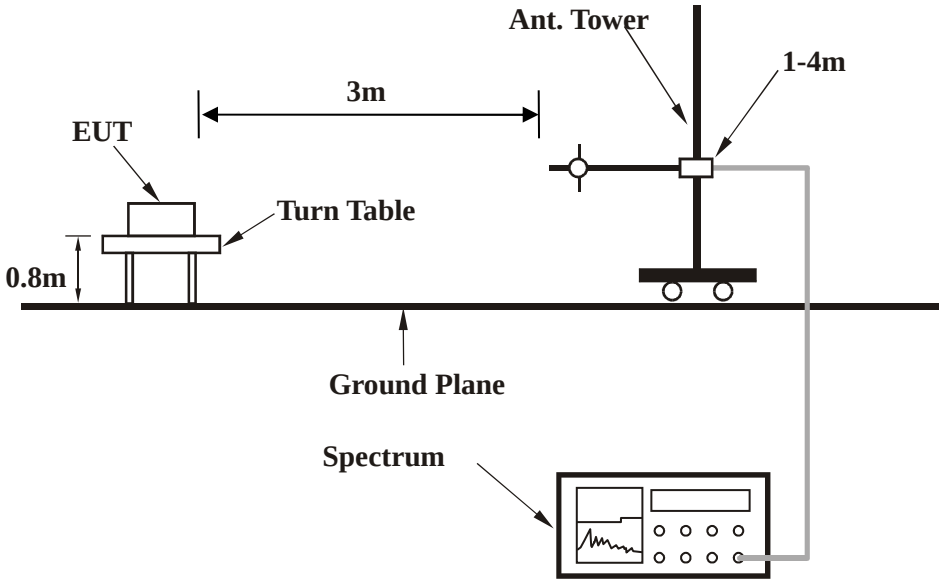
No deviation.

4.1.5 TEST SETUP

Below 30MHz test setup

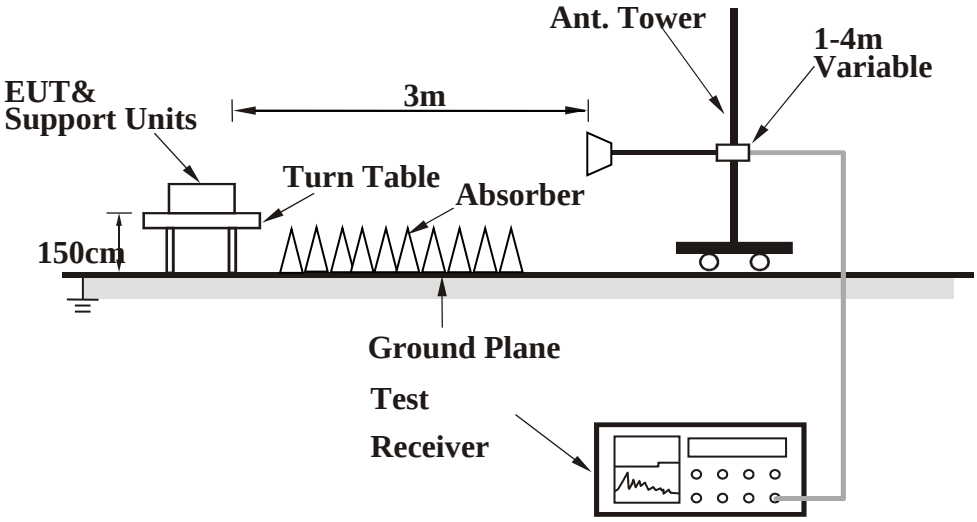


Below 1GHz test setup



Note: For the actual test configuration, please refer to the attached file (Test Setup Photo).

Above 1GHz test setup



Note: For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT OPERATING CONDITIONS

a. Set the EUT under full load condition and placed them on a testing table.

b. Set the transmitter part of EUT under transmission condition continuously at specific channel frequency.

c. The necessary accessories enable the EUT in full functions.

4.1.7 TEST RESULTS

BELOW 1GHz WORST-CASE DATA:

GFSK DH5

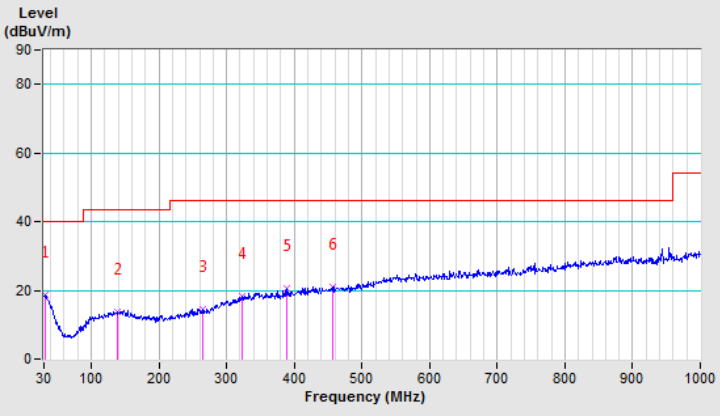
For KL6G3L

CHANNEL	Channel 39	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 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	**31.94**	**18.72 QP**	**40.00**	**-21.28**	**1.00 H**	**235**	**30.80**	**-12.08**
2	137.67	13.81 QP	43.50	-29.69	1.00 H	48	29.76	-15.95
3	263.77	14.53 QP	46.00	-31.47	1.00 H	125	29.47	-14.94
4	321.97	18.42 QP	46.00	-27.58	1.00 H	85	29.42	-11.00
5	388.90	20.49 QP	46.00	-25.51	1.00 H	325	30.14	-9.65
6	457.77	21.06 QP	46.00	-24.94	1.00 H	178	29.53	-8.47

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.

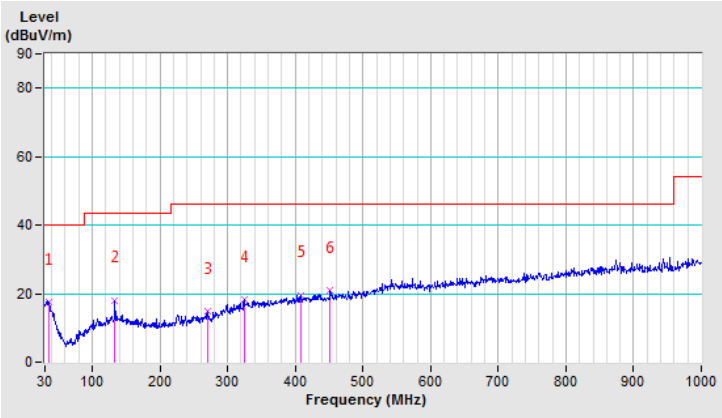


CHANNEL	Channel 39	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 1GHz		

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	34.85	17.53 QP	40.00	-22.47	1.00 V	251	30.07	-12.54
2	132.82	18.08 QP	43.50	-25.42	1.00 V	69	34.25	-16.17
3	269.59	15.02 QP	46.00	-30.98	1.00 V	125	29.74	-14.72
4	323.91	18.23 QP	46.00	-27.77	1.00 V	158	29.26	-11.03
5	409.27	19.63 QP	46.00	-26.37	1.00 V	226	28.70	-9.07
6	451.95	20.84 QP	46.00	-25.16	1.00 V	234	29.22	-8.38

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.



ABOVE 1GHz DATA

BT_GFSK

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	42.86 PK	74.00	-31.14	1.00 H	242	40.02	2.84
2	2390.00	32.28 AV	54.00	-21.72	1.00 H	242	29.44	2.84
3	*2402.00	100.38 PK			1.00 H	242	97.49	2.89
4	*2402.00	99.94 AV			1.00 H	242	97.05	2.89
5	4804.00	49.37 PK	74.00	-24.63	1.00 H	309	44.11	5.26
6	4804.00	44.77 AV	54.00	-9.23	1.00 H	309	39.51	5.26
7	#7206.00	53.39 PK	74.00	-20.61	1.00 H	291	44.10	9.29
8	#7206.00	44.25 AV	54.00	-9.75	1.00 H	291	34.96	9.29
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	2390.00	43.52 PK	74.00	-30.48	1.00 V	24	40.68	2.84
2	2390.00	32.33 AV	54.00	-21.67	1.00 V	24	29.49	2.84
3	*2402.00	92.78 PK			1.00 V	24	89.89	2.89
4	*2402.00	92.30 AV			1.00 V	24	89.41	2.89
5	4804.00	47.03 PK	74.00	-26.97	1.00 V	8	41.77	5.26
6	4804.00	40.45 AV	54.00	-13.55	1.00 V	8	35.19	5.26
7	#7206.00	54.90 PK	74.00	-19.10	1.00 V	100	45.61	9.29
8	#7206.00	49.48 AV	54.00	-4.52	1.00 V	100	40.19	9.29

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2441.00	97.03 PK			1.00 H	241	94.00	3.03
2	*2441.00	96.30 AV			1.00 H	241	93.27	3.03
3	4882.00	54.23 PK	74.00	-19.77	1.00 H	44	48.85	5.38
4	4882.00	50.49 AV	54.00	-3.51	1.00 H	44	45.11	5.38
5	7323.00	52.45 PK	74.00	-21.55	1.00 H	304	43.09	9.36
6	7323.00	43.53 AV	54.00	-10.47	1.00 H	304	34.17	9.36
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	*2441.00	92.15 PK			1.00 V	258	89.12	3.03
2	*2441.00	91.65 AV			1.00 V	258	88.62	3.03
3	4882.00	52.05 PK	74.00	-21.95	1.00 V	43	46.67	5.38
4	4882.00	44.72 AV	54.00	-9.28	1.00 V	43	39.34	5.38
5	7323.00	55.46 PK	74.00	-18.54	1.00 V	102	46.10	9.36
6	7323.00	50.89 AV	54.00	-3.11	1.00 V	102	41.53	9.36

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 78	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2480.00	100.42 PK			1.00 H	239	97.25	3.17
2	*2480.00	99.44 AV			1.00 H	239	96.27	3.17
3	2483.50	51.13 PK	74.00	-22.87	1.00 H	239	47.94	3.19
4	2483.50	40.33 AV	54.00	-13.67	1.00 H	239	37.14	3.19
5	4960.00	50.98 PK	74.00	-23.02	1.00 H	61	45.48	5.50
6	4960.00	45.75 AV	54.00	-8.25	1.00 H	61	40.25	5.50
7	7440.00	52.31 PK	74.00	-21.69	1.00 H	65	42.89	9.42
8	7440.00	44.52 AV	54.00	-9.48	1.00 H	65	35.10	9.42
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	*2480.00	93.63 PK			1.00 V	164	90.46	3.17
2	*2480.00	92.79 AV			1.00 V	164	89.62	3.17
3	2483.50	47.36 PK	74.00	-26.64	1.00 V	164	44.17	3.19
4	2483.50	36.22 AV	54.00	-17.78	1.00 V	164	33.03	3.19
5	4960.00	49.70 PK	74.00	-24.30	1.00 V	19	44.20	5.50
6	4960.00	42.32 AV	54.00	-11.68	1.00 V	19	36.82	5.50
7	7440.00	54.62 PK	74.00	-19.38	1.00 V	79	45.20	9.42
8	7440.00	48.75 AV	54.00	-5.25	1.00 V	79	39.33	9.42

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

BT_8DPSK

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 25GHz		

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	2390.00	43.53 PK	74.00	-30.47	1.00 H	242	40.69	2.84
2	2390.00	34.05 AV	54.00	-19.95	1.00 H	242	31.21	2.84
3	*2402.00	100.94 PK			1.00 H	242	98.05	2.89
4	*2402.00	97.19 AV			1.00 H	242	94.30	2.89
5	4804.00	55.11 PK	74.00	-18.89	1.00 H	326	49.85	5.26
6	4804.00	50.53 AV	54.00	-3.47	1.00 H	326	45.27	5.26
7	#7206.00	52.85 PK	74.00	-21.15	1.00 H	212	43.56	9.29
8	#7206.00	43.18 AV	54.00	-10.82	1.00 H	212	33.89	9.29
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	2390.00	44.87 PK	74.00	-29.13	1.00 V	195	42.03	2.84
2	2390.00	32.47 AV	54.00	-21.53	1.00 V	195	29.63	2.84
3	*2402.00	93.26 PK			1.00 V	195	90.37	2.89
4	*2402.00	89.55 AV			1.00 V	195	86.66	2.89
5	4804.00	52.36 PK	74.00	-21.64	1.00 V	13	47.10	5.26
6	4804.00	45.56 AV	54.00	-8.44	1.00 V	13	40.30	5.26
7	#7206.00	54.05 PK	74.00	-19.95	1.00 V	242	44.76	9.29
8	#7206.00	48.67 AV	54.00	-5.33	1.00 V	242	39.38	9.29

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2441.00	98.35 PK			1.00 H	254	95.32	3.03
2	*2441.00	94.68 AV			1.00 H	254	91.65	3.03
3	4882.00	57.87 PK	74.00	-16.13	1.00 H	336	52.49	5.38
4	**4882.00**	**51.98 AV**	**54.00**	**-2.02**	**1.00 H**	**336**	**46.60**	**5.38**
5	7323.00	51.79 PK	74.00	-22.21	1.00 H	315	42.43	9.36
6	7323.00	41.06 AV	54.00	-12.94	1.00 H	315	31.70	9.36
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	*2441.00	92.19 PK			1.00 V	200	89.16	3.03
2	*2441.00	88.24 AV			1.00 V	200	85.21	3.03
3	4882.00	52.77 PK	74.00	-21.23	1.00 V	79	47.39	5.38
4	4882.00	45.95 AV	54.00	-8.05	1.00 V	79	40.57	5.38
5	7323.00	53.44 PK	74.00	-20.56	4.00 V	122	44.08	9.36
6	7323.00	44.69 AV	54.00	-9.31	4.00 V	122	35.33	9.36

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 78	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2480.00	98.98 PK			1.00 H	239	95.81	3.17
2	*2480.00	94.77 AV			1.00 H	239	91.60	3.17
3	2483.50	51.95 PK	74.00	-22.05	1.00 H	241	48.76	3.19
4	2483.50	40.36 AV	54.00	-13.64	1.00 H	241	37.17	3.19
5	4960.00	58.09 PK	74.00	-15.91	1.00 H	49	52.59	5.50
6	4960.00	51.91 AV	54.00	-2.09	1.00 H	49	46.41	5.50
7	7440.00	52.37 PK	74.00	-21.63	1.00 H	95	42.95	9.42
8	7440.00	42.05 AV	54.00	-11.95	1.00 H	95	32.63	9.42
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	*2480.00	91.36 PK			1.00 V	252	88.19	3.17
2	*2480.00	87.06 AV			1.00 V	252	83.89	3.17
3	2483.50	49.06 PK	74.00	-24.94	1.00 V	252	45.87	3.19
4	2483.50	39.41 AV	54.00	-14.59	1.00 V	252	36.22	3.19
5	4960.00	52.79 PK	74.00	-21.21	1.00 V	6	47.29	5.50
6	4960.00	45.26 AV	54.00	-8.74	1.00 V	6	39.76	5.50
7	7440.00	53.88 PK	74.00	-20.12	1.00 V	215	44.46	9.42
8	7440.00	45.53 AV	54.00	-8.47	1.00 V	215	36.11	9.42

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

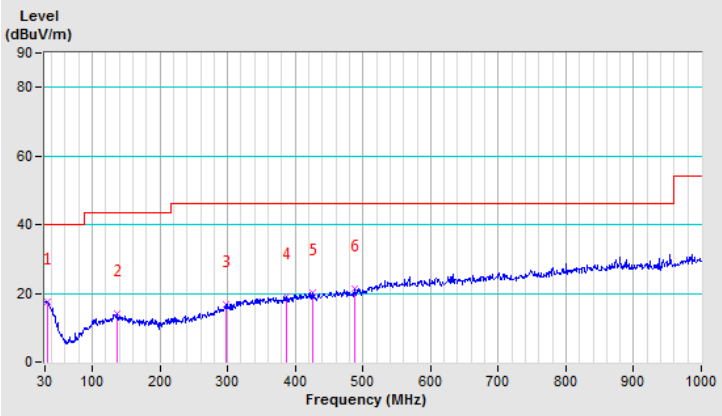
For C8G55Z

CHANNEL	Channel 39	**DETECTOR FUNCTION**	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 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	33.88	17.47 QP	40.00	-22.53	1.00 H	235	29.70	-12.23
2	135.73	13.99 QP	43.50	-29.51	1.00 H	48	30.13	-16.14
3	297.72	16.78 QP	46.00	-29.22	1.00 H	125	29.37	-12.59
4	386.96	19.03 QP	46.00	-26.97	1.00 H	85	28.74	-9.71
5	425.76	20.22 QP	46.00	-25.78	1.00 H	325	29.15	-8.93
6	486.87	21.39 QP	46.00	-24.61	1.00 H	178	29.25	-7.86

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.

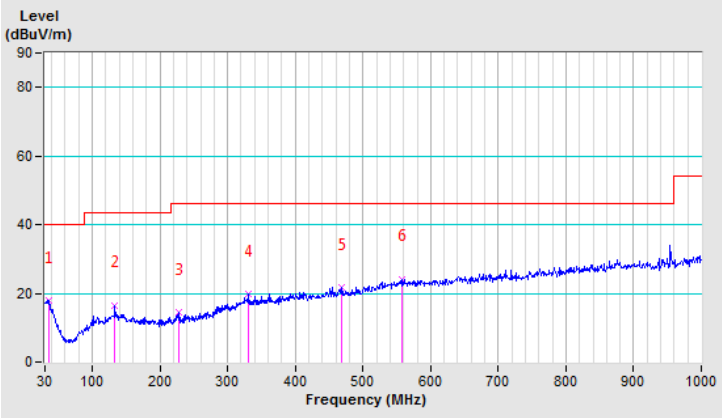


CHANNEL	Channel 39	DETECTOR FUNCTION	Quasi-Peak (QP)
FREQUENCY RANGE	9KHz ~ 1GHz		

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	35.82	17.93 QP	40.00	-22.07	1.00 V	122	30.81	-12.88
2	132.82	16.57 QP	43.50	-26.93	1.00 V	22	32.74	-16.17
3	226.91	14.45 QP	46.00	-31.55	1.00 V	0	31.10	-16.65
4	330.70	19.91 QP	46.00	-26.09	1.00 V	350	31.04	-11.13
5	467.47	21.84 QP	46.00	-24.16	1.00 V	68	30.16	-8.32
6	**558.65**	**24.18 QP**	**46.00**	**-21.82**	**1.00 V**	**0**	**29.62**	**-5.44**

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.



ABOVE 1GHz DATA

BT_GFSK

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	45.36 PK	74.00	-28.64	1.00 H	229	42.52	2.84
2	2390.00	34.11 AV	54.00	-19.89	1.00 H	229	31.27	2.84
3	*2402.00	101.75 PK			1.00 H	229	98.86	2.89
4	*2402.00	101.32 AV			1.00 H	229	98.43	2.89
5	4804.00	56.02 PK	74.00	-17.98	1.00 H	107	50.76	5.26
6	4804.00	50.13 AV	54.00	-3.87	1.00 H	107	44.87	5.26
7	#7206.00	53.41 PK	74.00	-20.59	1.00 H	63	44.12	9.29
8	#7206.00	41.77 AV	54.00	-12.23	1.00 H	63	32.48	9.29
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	2390.00	42.50 PK	74.00	-31.50	1.00 V	229	39.66	2.84
2	2390.00	33.71 AV	54.00	-20.29	1.00 V	229	30.87	2.84
3	*2402.00	96.76 PK			1.00 V	229	93.87	2.89
4	*2402.00	96.12 AV			1.00 V	229	93.23	2.89
5	4804.00	53.62 PK	74.00	-20.38	1.00 V	52	48.36	5.26
6	4804.00	43.99 AV	54.00	-10.01	1.00 V	52	38.73	5.26
7	#7206.00	55.89 PK	74.00	-18.11	1.00 V	13	46.60	9.29
8	#7206.00	49.03 AV	54.00	-4.97	1.00 V	13	39.74	9.29

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2441.00	99.29 PK			1.00 H	251	96.26	3.03
2	*2441.00	98.74 AV			1.00 H	251	95.71	3.03
3	4882.00	54.46 PK	74.00	-19.54	1.00 H	18	49.08	5.38
4	4882.00	50.27 AV	54.00	-3.73	1.00 H	18	44.89	5.38
5	7323.00	52.75 PK	74.00	-21.25	1.00 H	99	43.39	9.36
6	7323.00	42.13 AV	54.00	-11.87	1.00 H	99	32.77	9.36
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	*2441.00	94.47 PK			1.00 V	20	91.44	3.03
2	*2441.00	93.85 AV			1.00 V	20	90.82	3.03
3	4882.00	53.66 PK	74.00	-20.34	1.00 V	85	48.28	5.38
4	4882.00	47.09 AV	54.00	-6.91	1.00 V	85	41.71	5.38
5	7323.00	55.03 PK	74.00	-18.97	1.00 V	45	45.67	9.36
6	7323.00	49.55 AV	54.00	-4.45	1.00 V	45	40.19	9.36

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 78	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2480.00	100.12 PK			1.00 H	239	96.95	3.17
2	*2480.00	99.25 AV			1.00 H	239	96.08	3.17
3	2483.50	52.36 PK	74.00	-21.64	1.00 H	239	49.17	3.19
4	2483.50	41.96 AV	54.00	-12.04	1.00 H	239	38.77	3.19
5	4960.00	53.23 PK	74.00	-20.77	1.00 H	13	47.73	5.50
6	4960.00	48.87 AV	54.00	-5.13	1.00 H	13	43.37	5.50
7	7440.00	52.55 PK	74.00	-21.45	1.00 H	133	43.13	9.42
8	7440.00	43.27 AV	54.00	-10.73	1.00 H	133	33.85	9.42
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	*2480.00	92.57 PK			1.00 V	13	89.40	3.17
2	*2480.00	91.94 AV			1.00 V	13	88.77	3.17
3	2483.50	50.75 PK	74.00	-23.25	1.00 V	13	47.56	3.19
4	2483.50	40.87 AV	54.00	-13.13	1.00 V	13	37.68	3.19
5	4960.00	48.05 PK	74.00	-25.95	1.00 V	45	42.55	5.50
6	4960.00	42.24 AV	54.00	-11.76	1.00 V	45	36.74	5.50
7	7440.00	56.15 PK	74.00	-17.85	1.00 V	135	46.73	9.42
8	7440.00	49.05 AV	54.00	-4.95	1.00 V	135	39.63	9.42

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

BT_8DPSK

CHANNEL	TX Channel 0	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	2390.00	51.26 PK	74.00	-22.74	1.00 H	231	48.42	2.84
2	2390.00	35.02 AV	54.00	-18.98	1.00 H	231	32.18	2.84
3	*2402.00	102.41 PK			1.00 H	231	99.52	2.89
4	*2402.00	98.73 AV			1.00 H	231	95.84	2.89
5	4804.00	53.86 PK	74.00	-20.14	1.00 H	0	48.60	5.26
6	4804.00	48.97 AV	54.00	-5.03	1.00 H	0	43.71	5.26
7	#7206.00	52.19 PK	74.00	-21.81	1.00 H	315	42.90	9.29
8	#7206.00	43.61 AV	54.00	-10.39	1.00 H	315	34.32	9.29
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	2390.00	46.24 PK	74.00	-27.76	1.00 V	230	43.40	2.84
2	2390.00	32.89 AV	54.00	-21.11	1.00 V	230	30.05	2.84
3	*2402.00	96.45 PK			1.00 V	230	93.56	2.89
4	*2402.00	92.66 AV			1.00 V	230	89.77	2.89
5	4804.00	52.76 PK	74.00	-21.24	1.00 V	217	47.50	5.26
6	4804.00	46.20 AV	54.00	-7.80	1.00 V	217	40.94	5.26
7	#7206.00	53.47 PK	74.00	-20.53	1.00 V	106	44.18	9.29
8	#7206.00	45.63 AV	54.00	-8.37	1.00 V	106	36.34	9.29

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.
6. " # ": The radiated frequency is out of the restricted band.

CHANNEL	TX Channel 39	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2441.00	99.87 PK			1.00 H	225	96.84	3.03
2	*2441.00	96.32 AV			1.00 H	225	93.29	3.03
3	4882.00	55.57 PK	74.00	-18.43	1.00 H	5	50.19	5.38
4	4882.00	50.92 AV	54.00	-3.08	1.00 H	5	45.54	5.38
5	7323.00	51.73 PK	74.00	-22.27	1.00 H	265	42.37	9.36
6	7323.00	40.99 AV	54.00	-13.01	1.00 H	265	31.63	9.36
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	*2441.00	94.93 PK			1.00 V	0	91.90	3.03
2	*2441.00	91.04 AV			1.00 V	0	88.01	3.03
3	4882.00	52.93 PK	74.00	-21.07	1.00 V	45	47.55	5.38
4	4882.00	44.58 AV	54.00	-9.42	1.00 V	45	39.20	5.38
5	7323.00	53.20 PK	74.00	-20.80	1.00 V	119	43.84	9.36
6	7323.00	44.26 AV	54.00	-9.74	1.00 V	119	34.90	9.36

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).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

CHANNEL	TX Channel 78	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 25GHz		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	*2480.00	97.05 PK			1.00 H	6	93.88	3.17
2	*2480.00	93.82 AV			1.00 H	6	90.65	3.17
3	2483.50	50.13 PK	74.00	-23.87	1.00 H	6	46.94	3.19
4	2483.50	40.69 AV	54.00	-13.31	1.00 H	6	37.50	3.19
5	4960.00	57.43 PK	74.00	-16.57	1.00 H	342	51.93	5.50
6	**4960.00**	**51.93 AV**	**54.00**	**-2.07**	**1.00 H**	**342**	**46.43**	**5.50**
7	7440.00	52.03 PK	74.00	-21.97	1.00 H	330	42.61	9.42
8	7440.00	41.95 AV	54.00	-12.05	1.00 H	330	32.53	9.42
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	*2480.00	92.47 PK			1.00 V	355	89.30	3.17
2	*2480.00	89.35 AV			1.00 V	355	86.18	3.17
3	2483.50	48.39 PK	74.00	-25.61	1.00 V	355	45.20	3.19
4	2483.50	37.69 AV	54.00	-16.31	1.00 V	355	34.50	3.19
5	4960.00	53.05 PK	74.00	-20.95	1.00 V	344	47.55	5.50
6	4960.00	47.02 AV	54.00	-6.98	1.00 V	344	41.52	5.50
7	7440.00	54.90 PK	74.00	-19.10	1.00 V	100	45.48	9.42
8	7440.00	45.40 AV	54.00	-8.60	1.00 V	100	35.98	9.42

REMARKS:

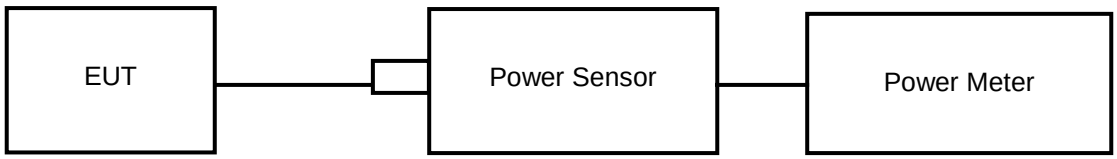
1. Emission level (dBuV/m) = Raw Value (dBuV) + Correction Factor (dB/m).
2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB).
3. The emission levels of other frequencies were less than 20dB margin against the limit.
4. Margin value = Emission level – Limit value.
5. " * ": Fundamental frequency.

4.2 CONDUCTED OUTPUT POWER

4.2.1 LIMITS OF CONDUCTED OUTPUT POWER MEASUREMENT

The Maximum Output Power Measurement is 125mW.

4.2.2 TEST SETUP



10dB ATTENUATION PAD

4.2.3 TEST INSTRUMENTS

Refer to section 4.2.3 to get information of above instrument.

4.2.4 TEST PROCEDURES

A peak power sensor was used on the output port of the EUT. A peak power meter was used to read the response of the peak power sensor. Record the peak power level.

4.2.5 DEVIATION FROM TEST STANDARD

No deviation.

4.2.6 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

4.2.7 TEST RESULTS

MAXIMUM PEAK OUTPUT POWER

GFSK

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT (mW)	PASS/FAIL
0	2402	4.85	3.055	125	PASS
39	2441	4.71	2.958	125	PASS
78	2480	4.64	2.911	125	PASS

8DPSK

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER (dBm)	PEAK POWER (mW)	PEAK POWER LIMIT (mW)	PASS/FAIL
0	2402	**5.09**	**3.228**	125	PASS
39	2441	4.98	3.148	125	PASS
78	2480	5.08	3.221	125	PASS

AVERAGE OUTPUT POWER(FOR REFERENCE)

GFSK

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	AVERAGE POWER (mW)
0	2402	3.58	2.280
39	2441	3.55	2.265
78	2480	3.51	2.244

8DPSK

CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (dBm)	AVERAGE POWER (mW)
0	2402	2.02	1.592
39	2441	1.81	1.517
78	2480	1.78	1.507

5 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).

6 APPENDIX A - MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.

---END---