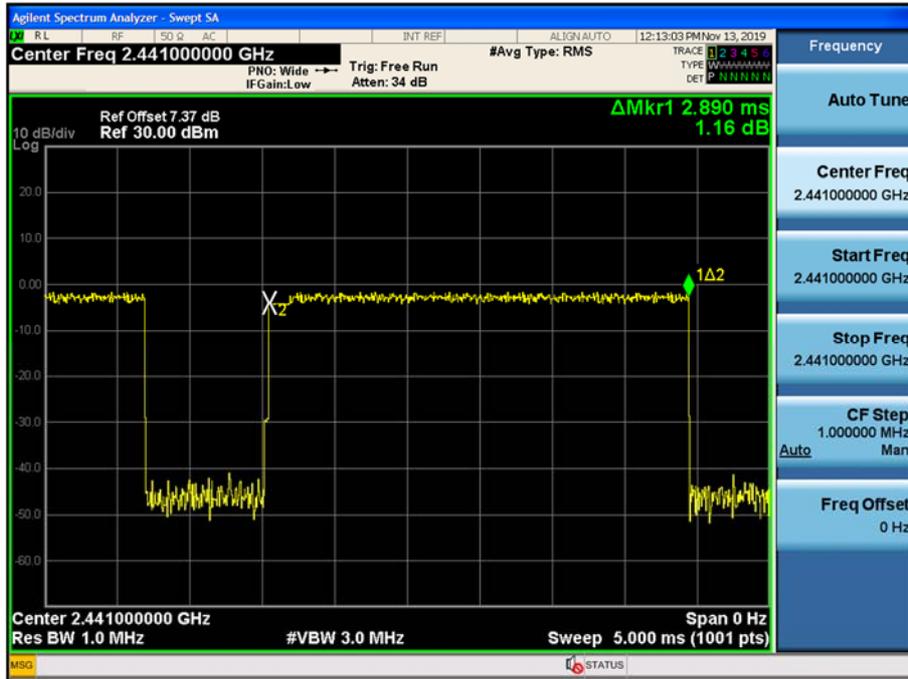


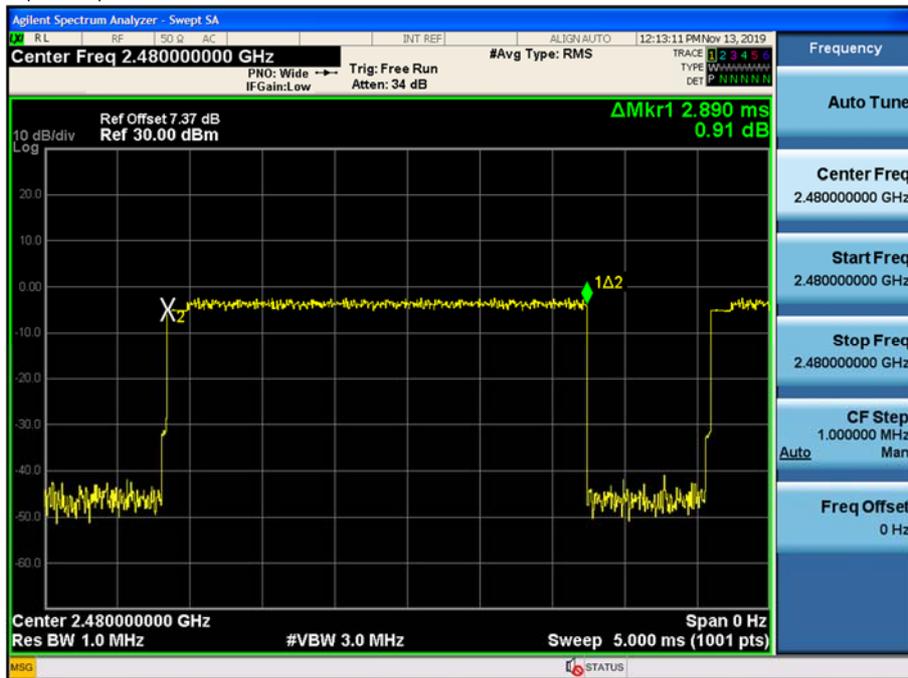
Test Plots (8DPSK)

Dwell Time (CH.39)



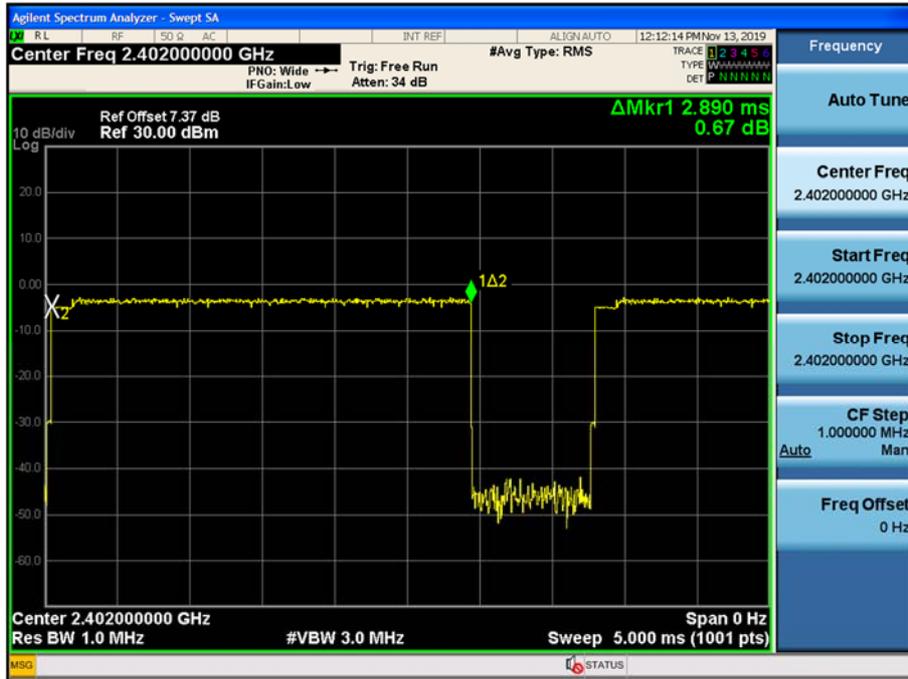
Test Plots (8DPSK)

Dwell Time (CH.78)

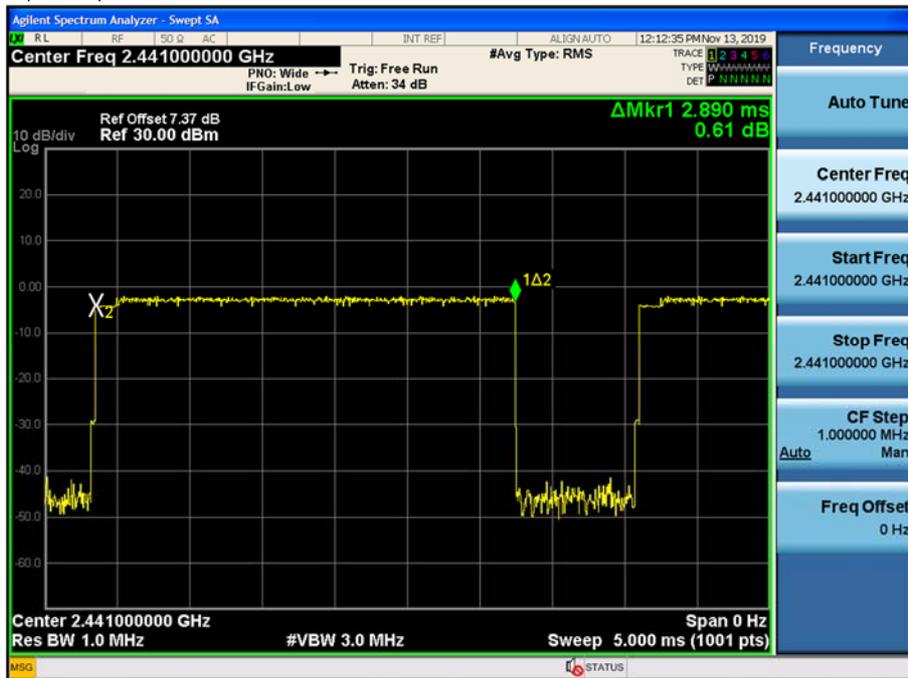


Test Plots ( $\pi/4$ DQPSK)

Dwell Time (CH.0)

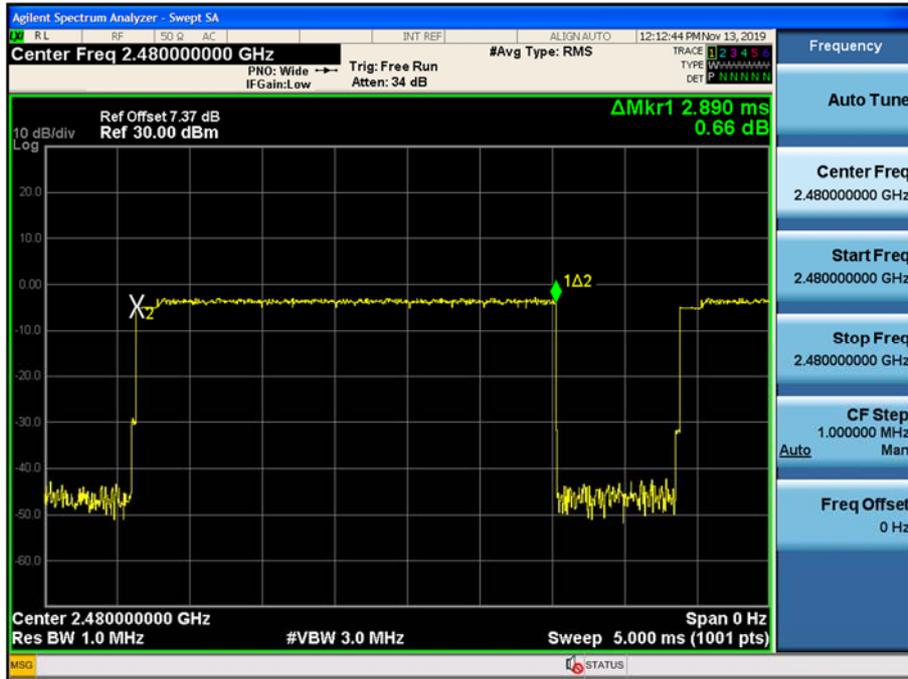

 Test Plots ( $\pi/4$ DQPSK)

Dwell Time (CH.39)



Test Plots ( $\pi/4$ DQPSK)

Dwell Time (CH.78)



## 10.6 SPURIOUS EMISSIONS

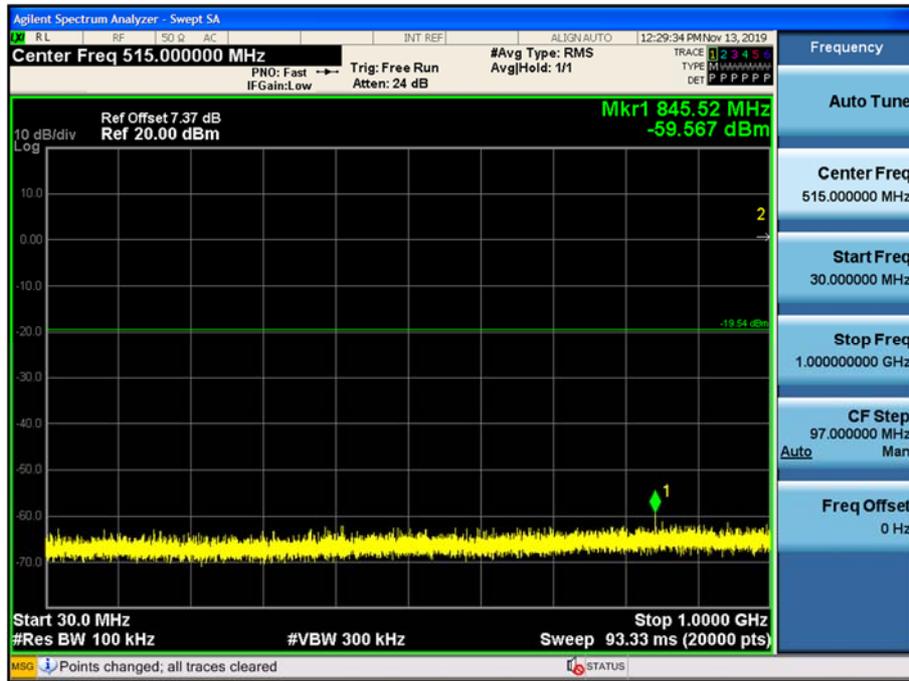
### 10.6.1 CONDUCTED SPURIOUS EMISSIONS

Test Result : please refer to the plot below.

In order to simplify the report, attached plots were only the worst case channel and data rate.

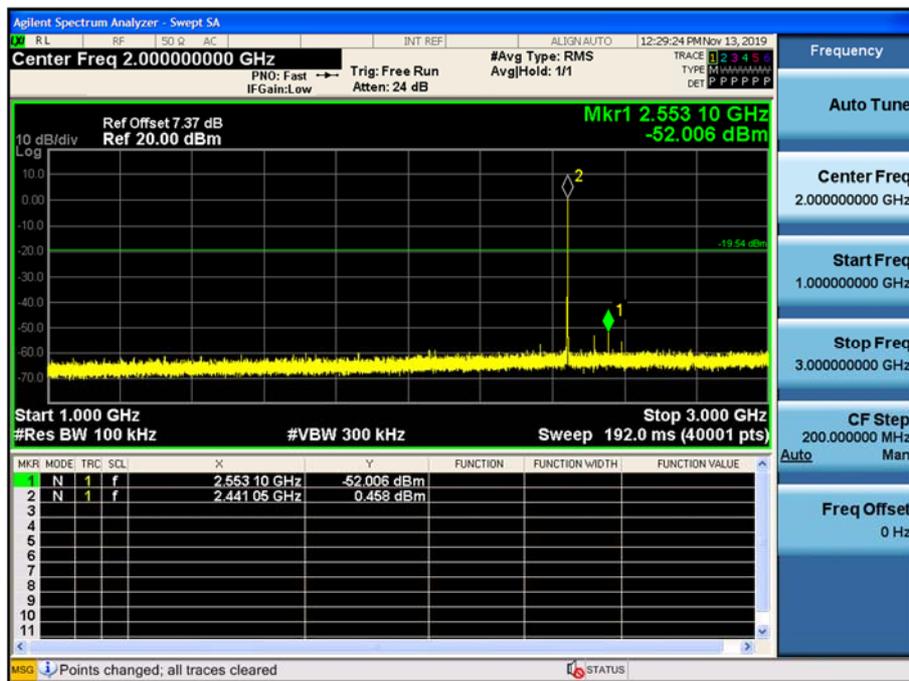
Test Plots (GFSK)- 30 MHz - 1 GHz

Spurious Emission (CH.39)



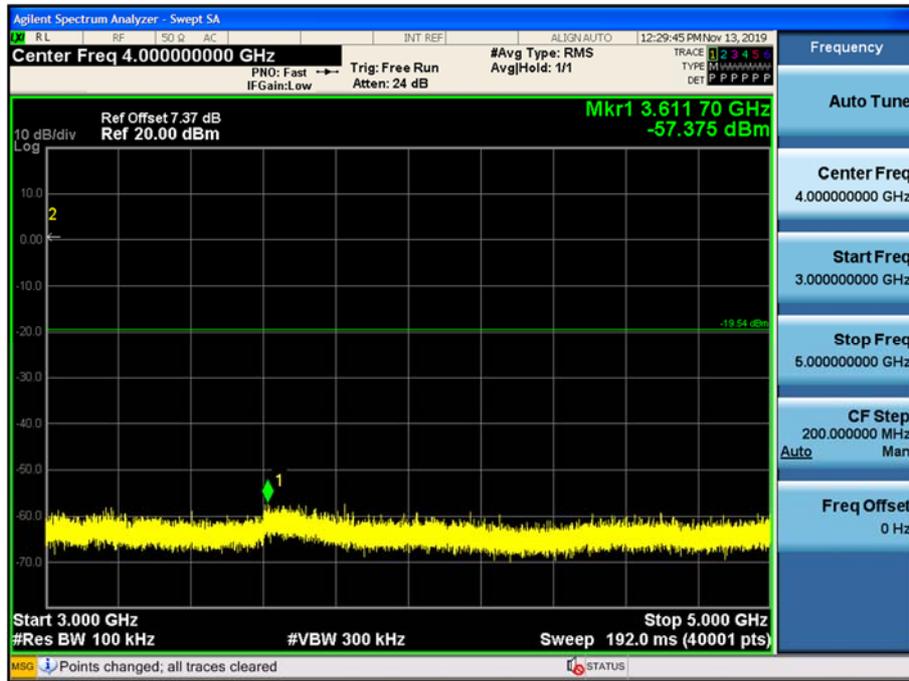
Test Plots (GFSK)- 1 GHz – 3 GHz

Spurious Emission (CH.39)



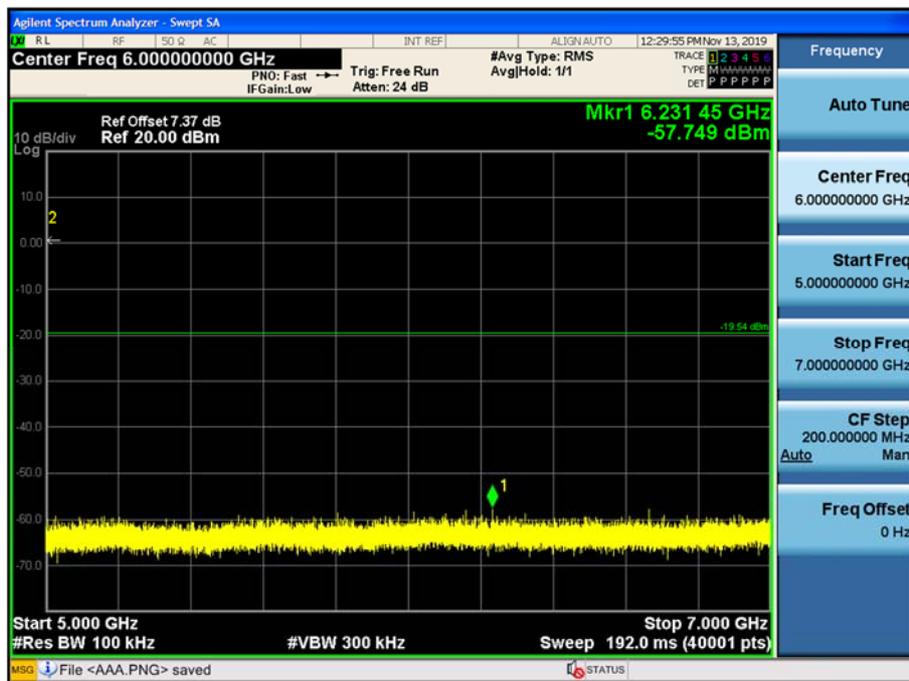
Test Plots(GFSK) - 3 GHz - 5 GHz

Spurious Emission (CH.39)



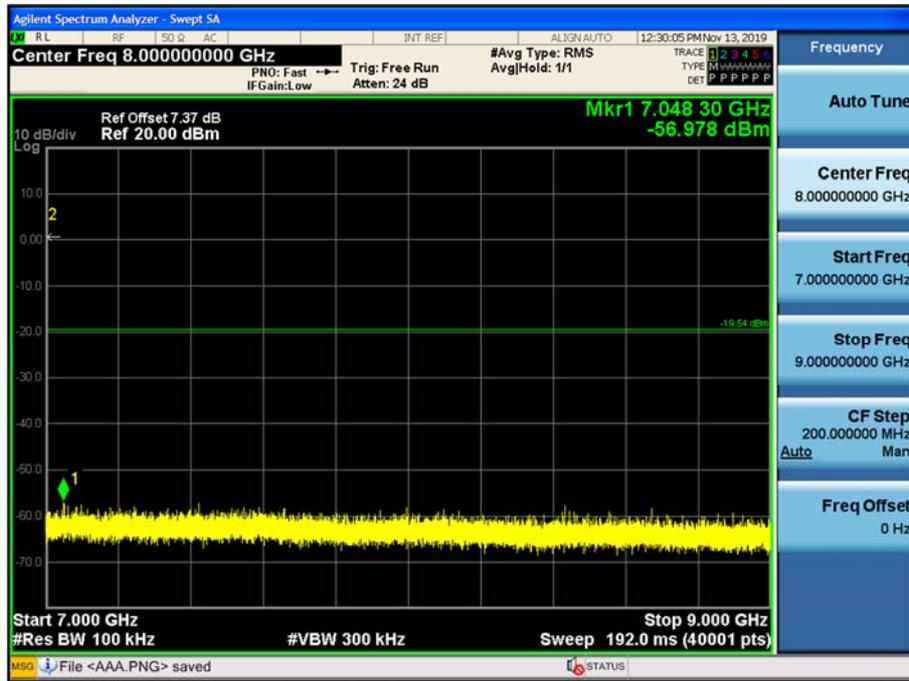
Test Plots (GFSK)- 5 GHz - 7 GHz

Spurious Emission (CH.39)



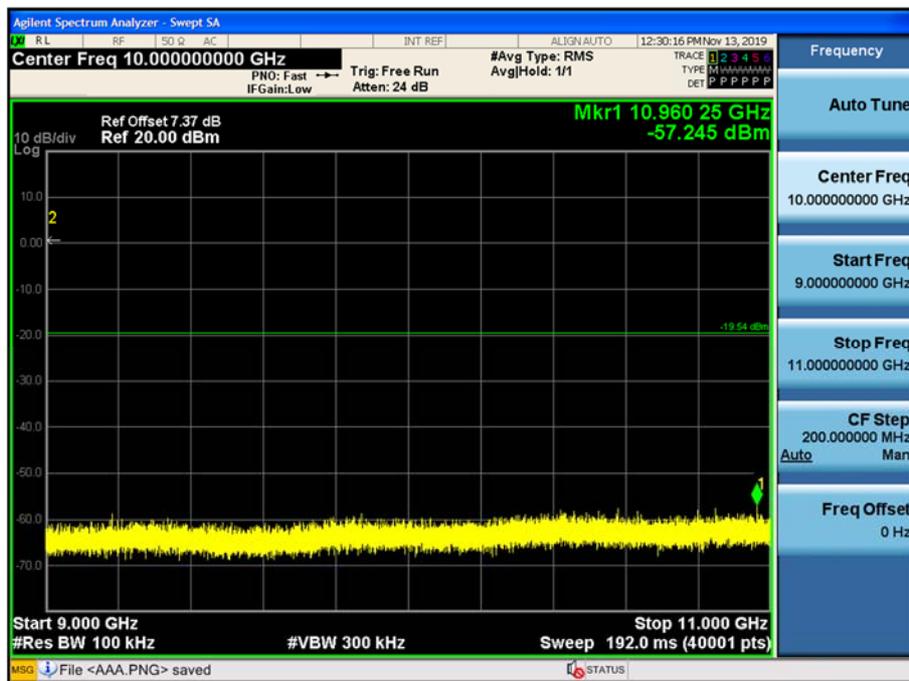
Test Plots(GFSK)- 7 GHz - 9 GHz

Spurious Emission (CH.39)



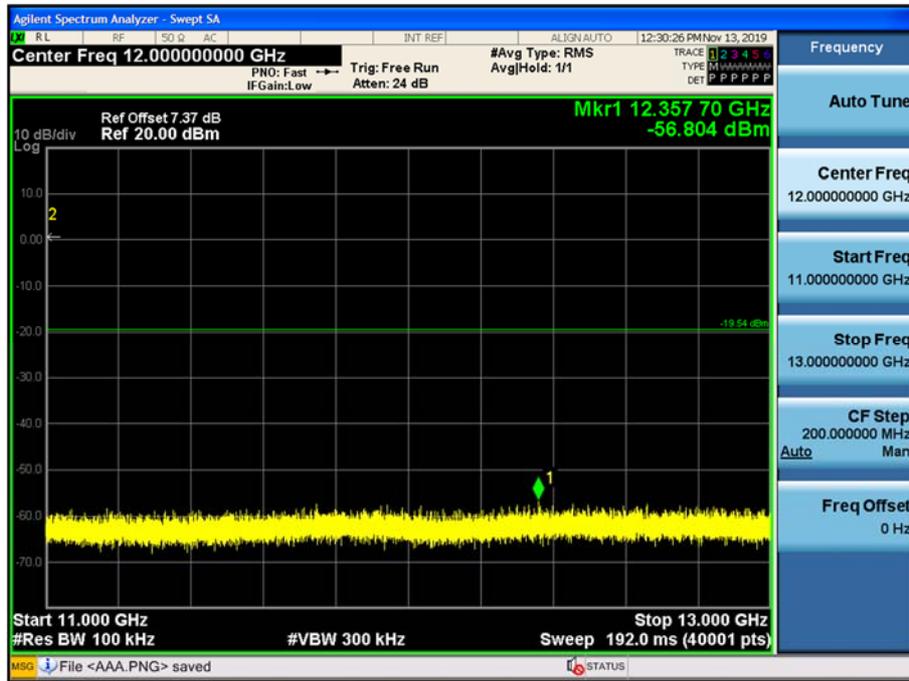
Test Plots(GFSK)- 9 GHz - 11 GHz

Spurious Emission (CH.39)



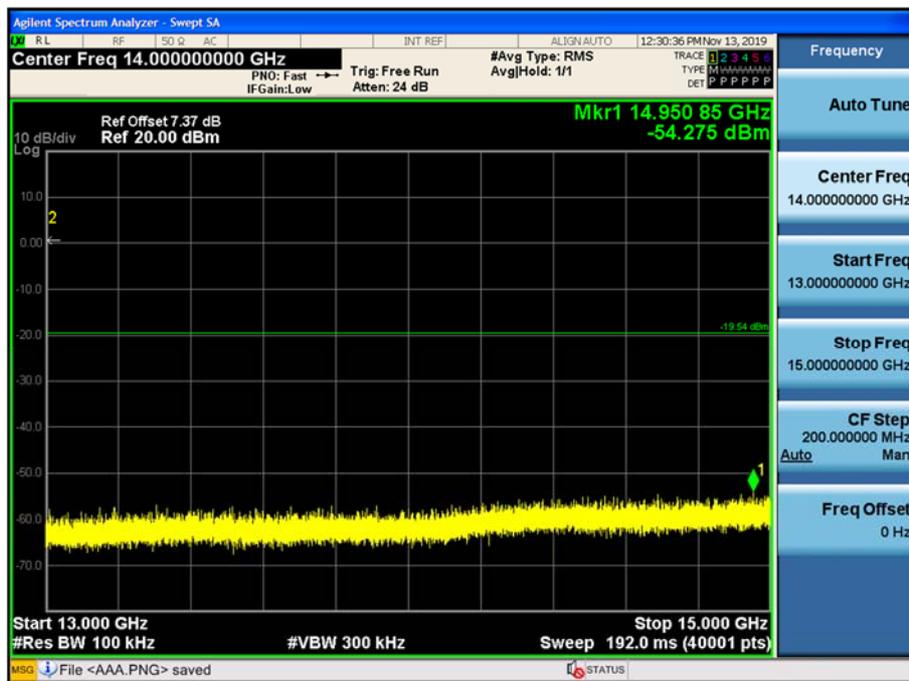
Test Plots(GFSK) 11 GHz - 13 GHz

Spurious Emission (CH.39)



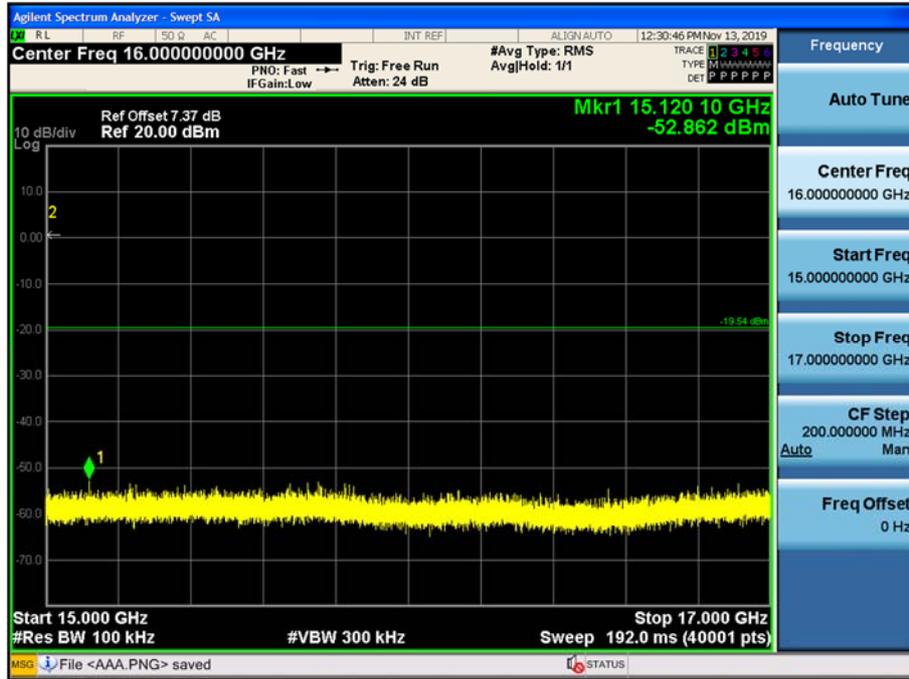
Test Plots (GFSK)- 13 GHz – 15 GHz

Spurious Emission (CH.39)



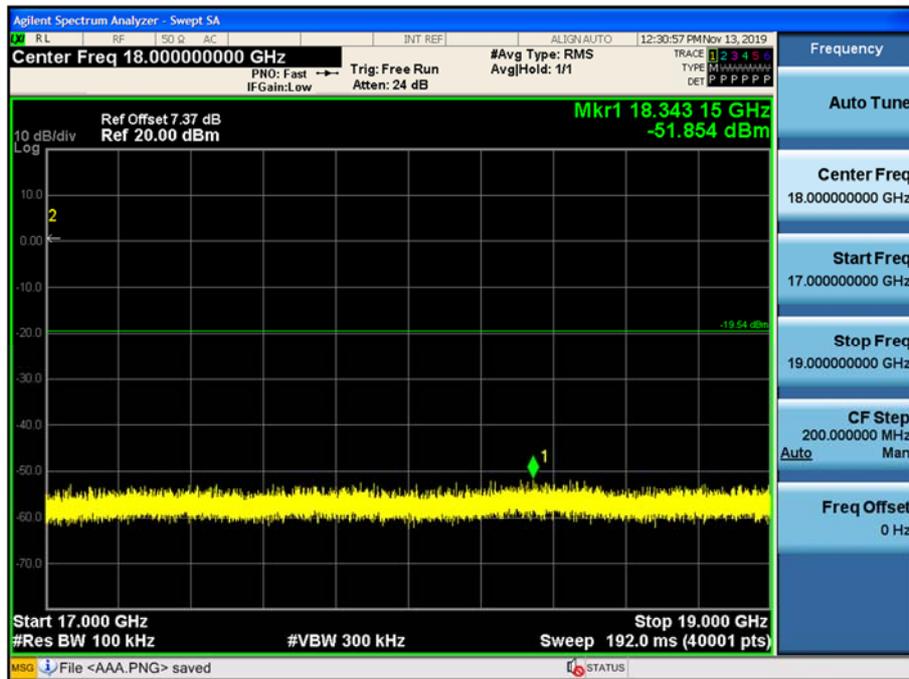
Test Plots(GFSK)- 15 GHz - 17 GHz

Spurious Emission (CH.39)



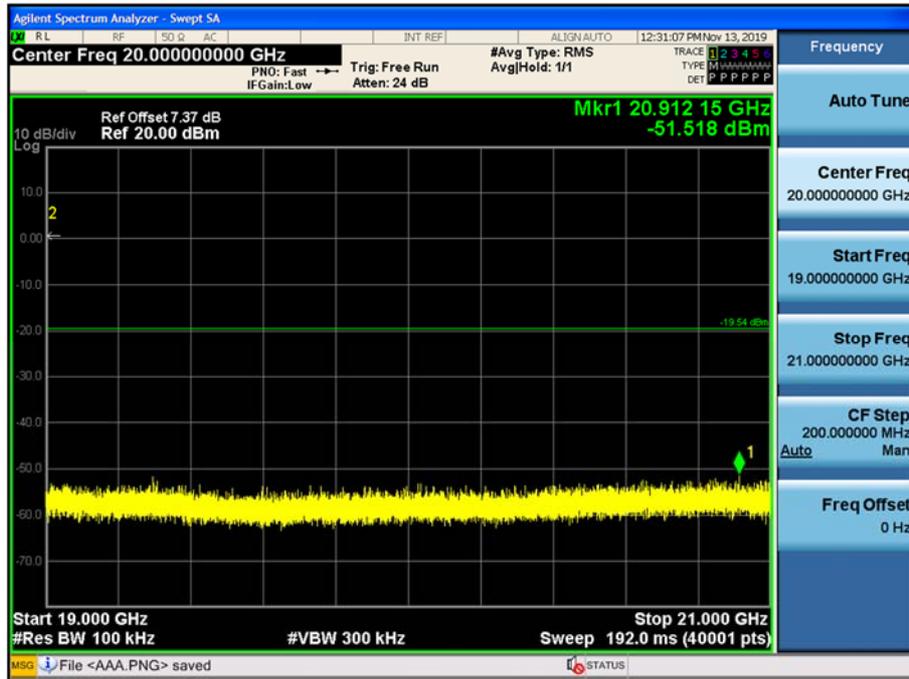
Test Plots(GFSK)- 17 GHz - 19 GHz

Spurious Emission (CH.39)



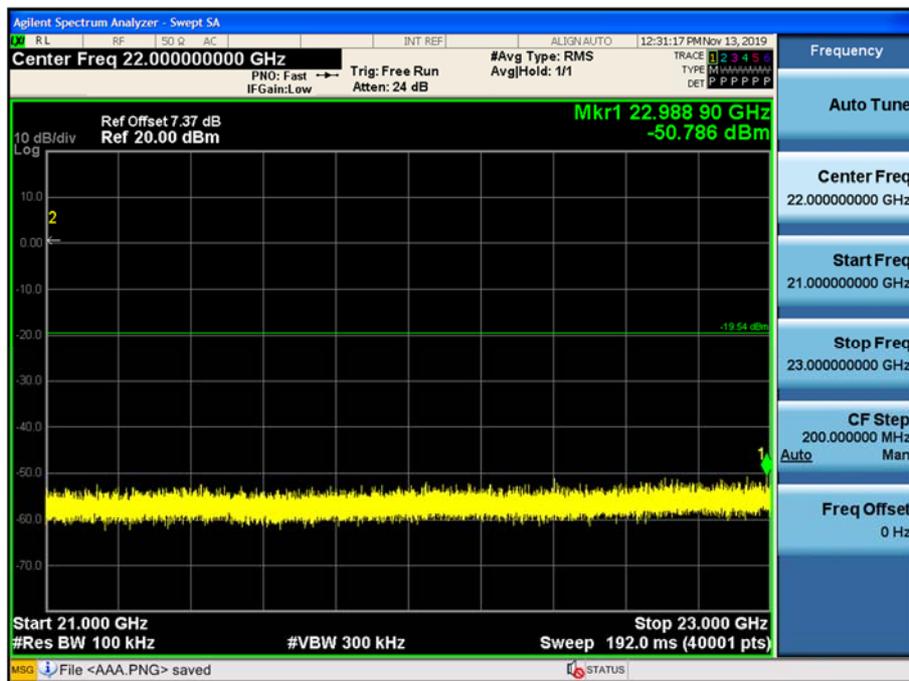
Test Plots (GFSK)- 19 GHz - 21 GHz

Spurious Emission (CH.39)



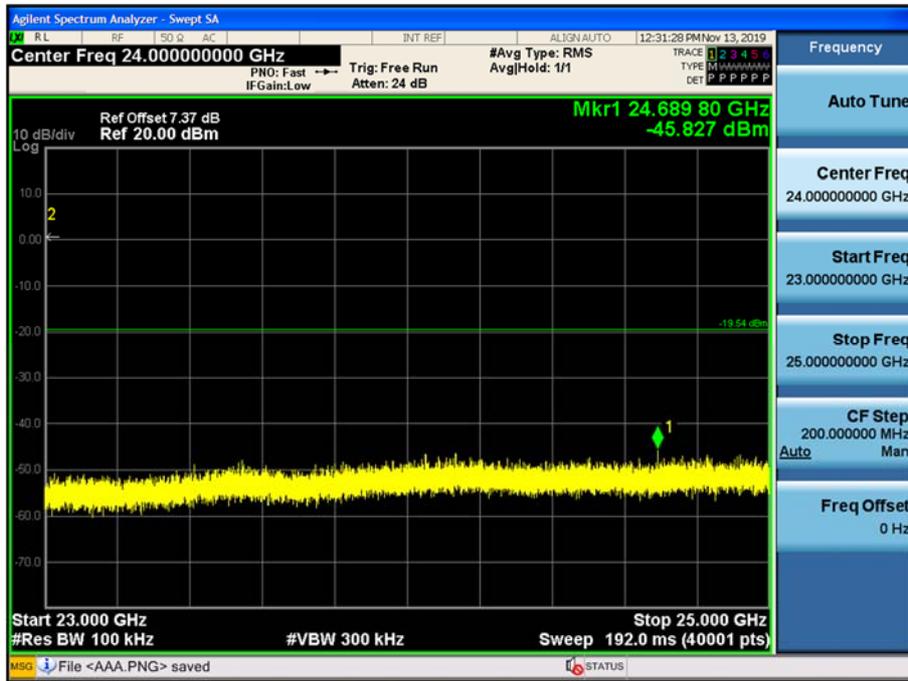
Test Plots (GFSK)- 21 GHz - 23 GHz

Spurious Emission (CH.39)



Test Plots (GFSK)- 23 GHz - 25 GHz

Spurious Emission (CH.39)



### 10.6.2 RADIATED SPURIOUS EMISSIONS

**Frequency Range : 9 kHz – 30MHz**

| Frequency               | Reading | Ant. factor | Cable loss | Ant. POL | Total  | Limit  | Margin |
|-------------------------|---------|-------------|------------|----------|--------|--------|--------|
| MHz                     | dBuV/m  | dBm/m       | dBm        | (H/V)    | dBuV/m | dBuV/m | dB     |
| No Critical peaks found |         |             |            |          |        |        |        |

**Note:**

1. The reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.
2. Distance extrapolation factor =  $40 \times \log(\text{specific distance} / \text{test distance})$  (dB)
3. Limit line = specific Limits (dBuV) + Distance extrapolation factor
4. Radiated test is performed with hopping off.

**Frequency Range : Below 1 GHz**

| Frequency               | Reading | Ant. factor | Cable loss | Ant. POL | Total  | Limit  | Margin |
|-------------------------|---------|-------------|------------|----------|--------|--------|--------|
| MHz                     | dBuV/m  | dBm/m       | dBm        | (H/V)    | dBuV/m | dBuV/m | dB     |
| No Critical peaks found |         |             |            |          |        |        |        |

**Note:**

1. Radiated emissions measured in frequency range from 30 MHz to 1000 MHz were made with an instrument using Quasi peak detector mode.
2. Radiated test is performed with hopping off.

**Frequency Range : Above 1 GHz**

Operation Mode: CH Low(GFSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4804            | 45.77          | 2.17              | V          | 47.94          | 73.98          | 26.04       | PK               |
| 4804            | 31.41          | 2.17              | V          | 33.58          | 53.98          | 20.40       | AV               |
| 7206            | 41.80          | 8.97              | V          | 50.77          | 73.98          | 23.21       | PK               |
| 7206            | 28.12          | 8.97              | V          | 37.09          | 53.98          | 16.89       | AV               |
| 4804            | 45.11          | 2.17              | H          | 47.28          | 73.98          | 26.70       | PK               |
| 4804            | 31.44          | 2.17              | H          | 33.61          | 53.98          | 20.37       | AV               |
| 7206            | 41.92          | 8.97              | H          | 50.89          | 73.98          | 23.09       | PK               |
| 7206            | 28.25          | 8.97              | H          | 37.22          | 53.98          | 16.76       | AV               |

Operation Mode: CH Mid(GFSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4882            | 43.29          | 2.68              | V          | 45.97          | 73.98          | 28.01       | PK               |
| 4882            | 29.39          | 2.68              | V          | 32.07          | 53.98          | 21.91       | AV               |
| 7323            | 41.54          | 9.03              | V          | 50.57          | 73.98          | 23.41       | PK               |
| 7323            | 27.85          | 9.03              | V          | 36.88          | 53.98          | 17.10       | AV               |
| 4882            | 43.37          | 2.68              | H          | 46.05          | 73.98          | 27.93       | PK               |
| 4882            | 29.42          | 2.68              | H          | 32.1           | 53.98          | 21.88       | AV               |
| 7323            | 41.56          | 9.03              | H          | 50.59          | 73.98          | 23.39       | PK               |
| 7323            | 27.89          | 9.03              | H          | 36.92          | 53.98          | 17.06       | AV               |

Operation Mode: CH High(GFSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4960            | 43.14          | 1.54              | V          | 44.68          | 73.98          | 29.30       | PK               |
| 4960            | 29.45          | 1.54              | V          | 30.99          | 53.98          | 22.99       | AV               |
| 7440            | 41.17          | 9.82              | V          | 50.99          | 73.98          | 22.99       | PK               |
| 7440            | 27.11          | 9.82              | V          | 36.93          | 53.98          | 17.05       | AV               |
| 4960            | 43.15          | 1.54              | H          | 44.69          | 73.98          | 29.29       | PK               |
| 4960            | 29.75          | 1.54              | H          | 31.29          | 53.98          | 22.69       | AV               |
| 7440            | 41.24          | 9.82              | H          | 51.06          | 73.98          | 22.92       | PK               |
| 7440            | 27.12          | 9.82              | H          | 36.94          | 53.98          | 17.04       | AV               |

Operation Mode: CH Low( $\pi/4$ DQPSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4804            | 44.75          | 2.17              | V          | 46.92          | 73.98          | 27.06       | PK               |
| 4804            | 31.19          | 2.17              | V          | 33.36          | 53.98          | 20.62       | AV               |
| 7206            | 41.52          | 8.97              | V          | 50.49          | 73.98          | 23.49       | PK               |
| 7206            | 27.98          | 8.97              | V          | 36.95          | 53.98          | 17.03       | AV               |
| 4804            | 44.92          | 2.17              | H          | 47.09          | 73.98          | 26.89       | PK               |
| 4804            | 31.10          | 2.17              | H          | 33.27          | 53.98          | 20.71       | AV               |
| 7206            | 41.75          | 8.97              | H          | 50.72          | 73.98          | 23.26       | PK               |
| 7206            | 28.13          | 8.97              | H          | 37.1           | 53.98          | 16.88       | AV               |

 Operation Mode: CH Mid( $\pi/4$ DQPSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4882            | 43.02          | 2.68              | V          | 45.7           | 73.98          | 28.28       | PK               |
| 4882            | 29.27          | 2.68              | V          | 31.95          | 53.98          | 22.03       | AV               |
| 7323            | 41.24          | 9.03              | V          | 50.27          | 73.98          | 23.71       | PK               |
| 7323            | 27.84          | 9.03              | V          | 36.87          | 53.98          | 17.11       | AV               |
| 4882            | 43.06          | 2.68              | H          | 45.74          | 73.98          | 28.24       | PK               |
| 4882            | 29.31          | 2.68              | H          | 31.99          | 53.98          | 21.99       | AV               |
| 7323            | 41.27          | 9.03              | H          | 50.3           | 73.98          | 23.68       | PK               |
| 7323            | 27.86          | 9.03              | H          | 36.89          | 53.98          | 17.09       | AV               |

 Operation Mode: CH High( $\pi/4$ DQPSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4960            | 43.27          | 1.54              | V          | 44.81          | 73.98          | 29.17       | PK               |
| 4960            | 29.47          | 1.54              | V          | 31.01          | 53.98          | 22.97       | AV               |
| 7440            | 41.16          | 9.82              | V          | 50.98          | 73.98          | 23.00       | PK               |
| 7440            | 27.11          | 9.82              | V          | 36.93          | 53.98          | 17.05       | AV               |
| 4960            | 43.39          | 1.54              | H          | 44.93          | 73.98          | 29.05       | PK               |
| 4960            | 29.55          | 1.54              | H          | 31.09          | 53.98          | 22.89       | AV               |
| 7440            | 41.14          | 9.82              | H          | 50.96          | 73.98          | 23.02       | PK               |

|      |       |      |   |       |       |       |    |
|------|-------|------|---|-------|-------|-------|----|
| 7440 | 27.10 | 9.82 | H | 36.92 | 53.98 | 17.06 | AV |
|------|-------|------|---|-------|-------|-------|----|

Operation Mode: CH Low(8DPSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4804            | 45.01          | 2.17              | V          | 47.18          | 73.98          | 26.80       | PK               |
| 4804            | 30.92          | 2.17              | V          | 33.09          | 53.98          | 20.89       | AV               |
| 7206            | 41.57          | 8.97              | V          | 50.54          | 73.98          | 23.44       | PK               |
| 7206            | 28.11          | 8.97              | V          | 37.08          | 53.98          | 16.90       | AV               |
| 4804            | 45.05          | 2.17              | H          | 47.22          | 73.98          | 26.76       | PK               |
| 4804            | 30.93          | 2.17              | H          | 33.1           | 53.98          | 20.88       | AV               |
| 7206            | 41.69          | 8.97              | H          | 50.66          | 73.98          | 23.32       | PK               |
| 7206            | 28.12          | 8.97              | H          | 37.09          | 53.98          | 16.89       | AV               |

Operation Mode: CH Mid(8DPSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4882            | 43.17          | 2.68              | V          | 45.85          | 73.98          | 28.13       | PK               |
| 4882            | 29.11          | 2.68              | V          | 31.79          | 53.98          | 22.19       | AV               |
| 7323            | 41.28          | 9.03              | V          | 50.31          | 73.98          | 23.67       | PK               |
| 7323            | 27.43          | 9.03              | V          | 36.46          | 53.98          | 17.52       | AV               |
| 4882            | 43.40          | 2.68              | H          | 46.08          | 73.98          | 27.90       | PK               |
| 4882            | 29.17          | 2.68              | H          | 31.85          | 53.98          | 22.13       | AV               |
| 7323            | 41.34          | 9.03              | H          | 50.37          | 73.98          | 23.61       | PK               |
| 7323            | 27.49          | 9.03              | H          | 36.52          | 53.98          | 17.46       | AV               |

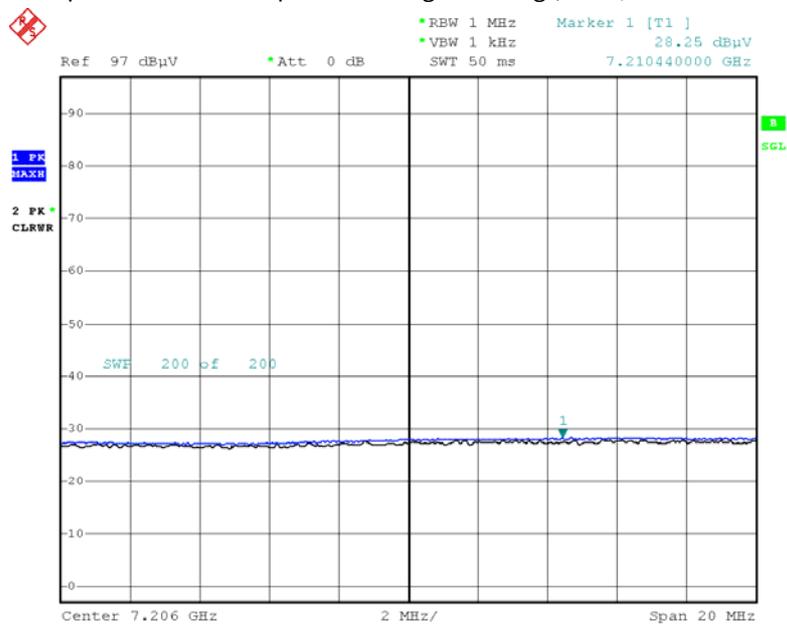
Operation Mode: CH High(8DPSK)

| Frequency [MHz] | Reading [dBuV] | AN.+CL-AMP G [dB] | Pol. [H/V] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|-------------------|------------|----------------|----------------|-------------|------------------|
| 4960            | 43.02          | 1.54              | V          | 44.56          | 73.98          | 29.42       | PK               |
| 4960            | 29.48          | 1.54              | V          | 31.02          | 53.98          | 22.96       | AV               |
| 7440            | 40.61          | 9.82              | V          | 50.43          | 73.98          | 23.55       | PK               |
| 7440            | 26.84          | 9.82              | V          | 36.66          | 53.98          | 17.32       | AV               |
| 4960            | 43.08          | 1.54              | H          | 44.62          | 73.98          | 29.36       | PK               |

|      |       |      |   |       |       |       |    |
|------|-------|------|---|-------|-------|-------|----|
| 4960 | 29.58 | 1.54 | H | 31.12 | 53.98 | 22.86 | AV |
| 7440 | 40.67 | 9.82 | H | 50.49 | 73.98 | 23.49 | PK |
| 7440 | 26.86 | 9.82 | H | 36.68 | 53.98 | 17.30 | AV |

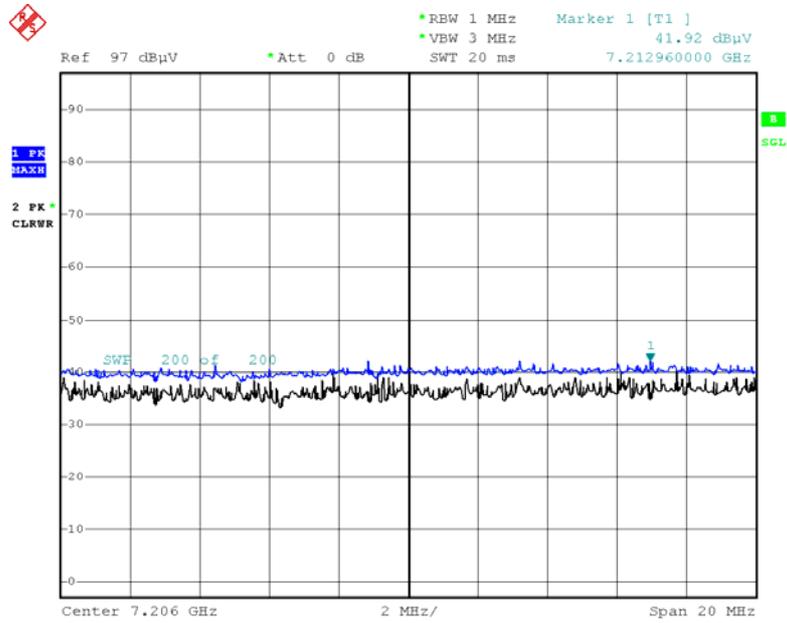
**RESULT PLOTS (Worst case : X-H)**

Radiated Spurious Emissions plot – Average Reading (GFSK, Ch.0 3rd Harmonic)



Date: 11.DEC.2019 02:07:00

Radiated Spurious Emissions plot – Peak Reading (GFSK, Ch.0 3rd Harmonic)



Date: 11.DEC.2019 02:07:16

**Note:**

Plot of worst case are only reported.

### 10.6.3 RADIATED RESTRICTED BAND EDGES

|                     |                    |
|---------------------|--------------------|
| Operation Mode      | Normal(GFSK)       |
| Operating Frequency | 2402 MHz, 2480 MHz |
| Channel No          | CH 0, CH 78        |

| Frequency [MHz] | Reading [dBuV] | ※ A.F.+CL [dB] | Pol. [H/V] | Duty Cycle Correction [dB] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|----------------|------------|----------------------------|----------------|----------------|-------------|------------------|
| 2390.0          | 48.57          | 0.22           | H          | 0                          | 48.79          | 73.98          | 25.19       | PK               |
| 2390.0          | 35.85          | 0.22           | H          | -24.73                     | 11.34          | 53.98          | 42.64       | AV               |
| 2390.0          | 48.89          | 0.22           | V          | 0                          | 49.11          | 73.98          | 24.87       | PK               |
| 2390.0          | 36.05          | 0.22           | V          | -24.73                     | 11.54          | 53.98          | 42.44       | AV               |
| 2483.5          | 53.21          | 0.65           | H          | 0                          | 53.86          | 73.98          | 20.12       | PK               |
| 2483.5          | 48.78          | 0.65           | H          | -24.73                     | 24.70          | 53.98          | 29.28       | AV               |
| 2483.5          | 54.76          | 0.65           | V          | 0                          | 55.41          | 73.98          | 18.57       | PK               |
| 2483.5          | 50.93          | 0.65           | V          | -24.73                     | 26.85          | 53.98          | 27.13       | AV               |

|                     |                     |
|---------------------|---------------------|
| Operation Mode      | EDR( $\pi$ /4DQPSK) |
| Operating Frequency | 2402 MHz, 2480 MHz  |
| Channel No          | CH 0, CH 78         |

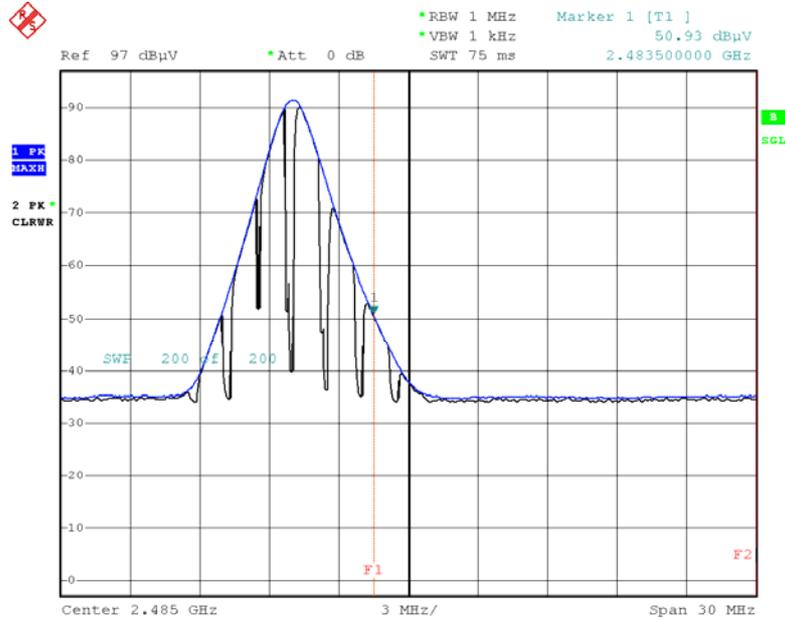
| Frequency [MHz] | Reading [dBuV] | ※ A.F.+CL [dB] | Pol. [H/V] | Duty Cycle Correction [dB] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|----------------|------------|----------------------------|----------------|----------------|-------------|------------------|
| 2390.0          | 47.87          | 0.22           | H          | 0                          | 48.09          | 73.98          | 25.89       | PK               |
| 2390.0          | 35.08          | 0.22           | H          | -24.73                     | 10.57          | 53.98          | 43.41       | AV               |
| 2390.0          | 47.91          | 0.22           | V          | 0                          | 48.13          | 73.98          | 25.85       | PK               |
| 2390.0          | 35.11          | 0.22           | V          | -24.73                     | 10.60          | 53.98          | 43.38       | AV               |
| 2483.5          | 50.43          | 0.65           | H          | 0                          | 51.08          | 73.98          | 22.90       | PK               |
| 2483.5          | 44.36          | 0.65           | H          | -24.73                     | 20.28          | 53.98          | 33.70       | AV               |
| 2483.5          | 51.22          | 0.65           | V          | 0                          | 51.87          | 73.98          | 22.11       | PK               |
| 2483.5          | 45.50          | 0.65           | V          | -24.73                     | 21.42          | 53.98          | 32.56       | AV               |

|                     |                    |
|---------------------|--------------------|
| Operation Mode      | EDR(8DPSK)         |
| Operating Frequency | 2402 MHz, 2480 MHz |
| Channel No          | CH 0, CH 78        |

| Frequency [MHz] | Reading [dBuV] | ※ A.F.+CL [dB] | Pol. [H/V] | Duty Cycle Correction [dB] | Total [dBuV/m] | Limit [dBuV/m] | Margin [dB] | Measurement Type |
|-----------------|----------------|----------------|------------|----------------------------|----------------|----------------|-------------|------------------|
| 2390.0          | 47.98          | 0.22           | H          | 0                          | 48.20          | 73.98          | 25.78       | PK               |
| 2390.0          | 35.10          | 0.22           | H          | -24.73                     | 10.59          | 53.98          | 43.39       | AV               |
| 2390.0          | 48.18          | 0.22           | V          | 0                          | 48.40          | 73.98          | 25.58       | PK               |
| 2390.0          | 35.14          | 0.22           | V          | -24.73                     | 10.63          | 53.98          | 43.35       | AV               |
| 2483.5          | 50.58          | 0.65           | H          | 0                          | 51.23          | 73.98          | 22.75       | PK               |
| 2483.5          | 44.28          | 0.65           | H          | -24.73                     | 20.20          | 53.98          | 33.78       | AV               |
| 2483.5          | 51.97          | 0.65           | V          | 0                          | 52.62          | 73.98          | 21.36       | PK               |
| 2483.5          | 45.48          | 0.65           | V          | -24.73                     | 21.40          | 53.98          | 32.58       | AV               |

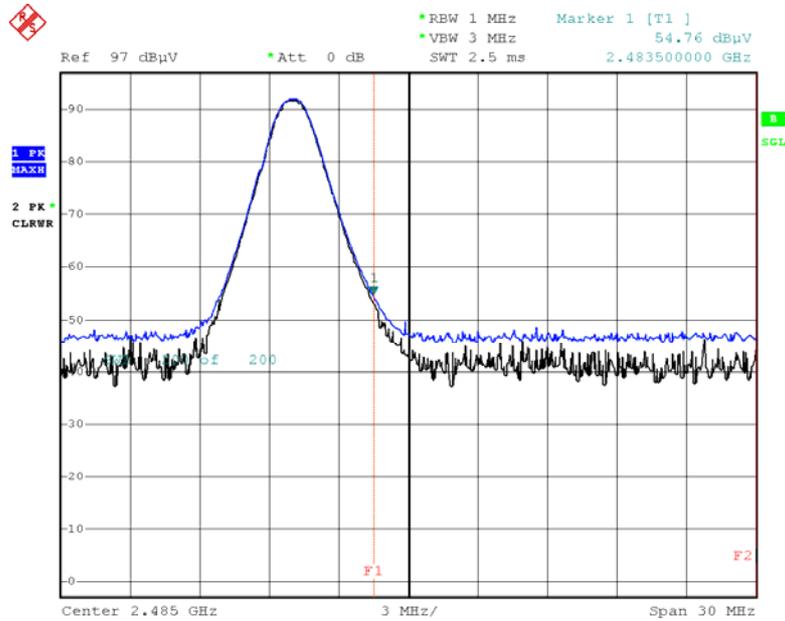
**RESULT PLOTS (Worst case : X-V)**

Radiated Restricted Band Edges plot – Average Reading (GFSK, Ch.78)



Date: 11.DEC.2019 01:11:38

Radiated Restricted Band Edges plot – Peak Reading (GFSK, Ch.78)



Date: 11.DEC.2019 01:12:00

**Note:**

Plot of worst case are only reported.

## 11. LIST OF TEST EQUIPMENT

### Conducted Test

| Manufacturer    | Model / Equipment                            | Calibration Date | Calibration Interval | Serial No. |
|-----------------|--|------------------|----------------------|------------|
| Rohde & Schwarz | ENV216 / LISN                                | 09/11/2019       | Annual               | 102245     |
| Rohde & Schwarz | ESCI / Test Receiver                         | 06/18/2019       | Annual               | 100033     |
| ESPAC           | SU-642 / Temperature Chamber                 | 03/12/2019       | Annual               | 0093008124 |
| Agilent         | N9020A / Signal Analyzer                     | 05/23/2019       | Annual               | MY51110085 |
| Agilent         | N9030A / Signal Analyzer                     | 01/10/2019       | Annual               | MY49431210 |
| Rohde & Schwarz | OSP 120 / Power Measurement Set              | 07/24/2019       | Annual               | 101231     |
| Agilent         | N1911A / Power Meter                         | 04/10/2019       | Annual               | MY45100523 |
| Agilent         | N1921A / Power Sensor                        | 04/10/2019       | Annual               | MY52260025 |
| Agilent         | 87300B / Directional Coupler                 | 11/11/2019       | Annual               | 3116A03621 |
| Hewlett Packard | 11667B / Power Splitter                      | 05/24/2019       | Annual               | 05001      |
| Hewlett Packard | E3632A / DC Power Supply                     | 06/18/2019       | Annual               | KR75303960 |
| Agilent         | 8493C / Attenuator(10 dB)                    | 07/02/2019       | Annual               | 07560      |
| Rohde & Schwarz | EMC32 / Software                             | N/A              | N/A                  | N/A        |
| HCT CO., LTD.   | FCC WLAN&BT&BLE Conducted Test Software v3.0 | N/A              | N/A                  | N/A        |

### Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

**Radiated Test**

| Manufacturer           | Model / Equipment                                       | Calibration Date | Calibration Interval | Serial No.  |
|------------------------|---|------------------|----------------------|-------------|
| Innco system           | CO3000 / Controller(Antenna mast)                       | N/A              | N/A                  | CO3000-4p   |
| Innco system           | MA4640/800-XP-EP / Antenna Position Tower               | N/A              | N/A                  | N/A         |
| Emco                   | 2090 / Controller                                       | N/A              | N/A                  | 060520      |
| Ets                    | Turn Table  | N/A              | N/A                  | N/A         |
| Rohde & Schwarz        | Loop Antenna  | 01/18/2019       | Biennial             | 1513-175    |
| Schwarzbeck            | VULB 9168 / Hybrid Antenna                              | 08/31/2018       | Biennial             | 00895       |
| Schwarzbeck            | BBHA 9120D / Horn Antenna                               | 11/18/2019       | Biennial             | 9120D-1191  |
| Schwarzbeck            | BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz)                | 11/29/2019       | Biennial             | BBHA9170541 |
| Rohde & Schwarz        | FSP(9 kHz ~ 30 GHz) / Spectrum Analyzer                 | 09/11/2019       | Annual               | 836650/016  |
| Rohde & Schwarz        | FSV40-N / Spectrum Analyzer                             | 09/26/2019       | Annual               | 101068-SZ   |
| Wainwright Instruments | WHKX10-2700-3000-18000-40SS / High Pass Filter          | 01/03/2019       | Annual               | 4           |
| Wainwright Instruments | WHKX8-6090-7000-18000-40SS / High Pass Filter           | 01/03/2019       | Annual               | 5           |
| Wainwright Instruments | WRCJV2400/2483.5-2370/2520-60/12SS / Band Reject Filter | 06/19/2019       | Annual               | 2           |
| Wainwright Instruments | WRCJV5100/5850-40/50-8EEK / Band Reject Filter          | 01/03/2019       | Annual               | 2           |
| Api tech.              | 18B-03 / Attenuator (3 dB)                              | 06/04/2019       | Annual               | 2           |
| WEINSCHL               | 56-10 / Attenuator(10 dB)                               | 10/08/2019       | Annual               | 72316       |
| CERNEX                 | CBLU1183540B-01/Broadband Bench Top LNA                 | 01/03/2019       | Annual               | 28549       |
| CERNEX                 | CBL06185030 / Broadband Low Noise Amplifier             | 01/03/2019       | Annual               | 24615       |
| CERNEX                 | CBL18265035 / Power Amplifier                           | 01/03/2019       | Annual               | 22966       |
| CERNEX                 | CBL26405040 / Power Amplifier                           | 06/18/2019       | Annual               | 25956       |
| TESCOM                 | TC-3000C / Bluetooth Tester                             | 03/26/2019       | Annual               | 3000C000276 |

**Note:**

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

## 12. ANNEX A\_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

| No. | Description         |
|-----|---------------------|
| 1   | HCT-RF-1912-FC019-P |