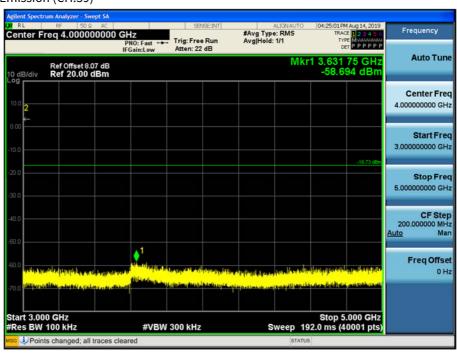
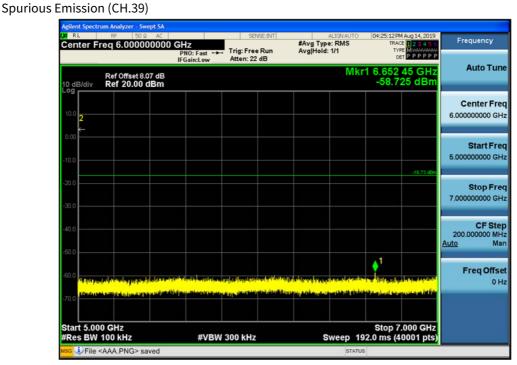


Test Plots(GFSK)- 3 GHz - 5 GHz Spurious Emission (CH.39)



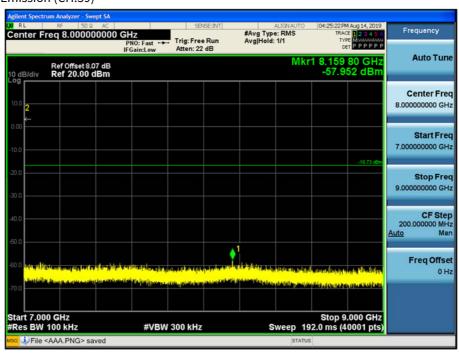
Test Plots (GFSK)- 5 GHz - 7 GHz



F-TP22-03 (Rev. 01) Page 66 of 87

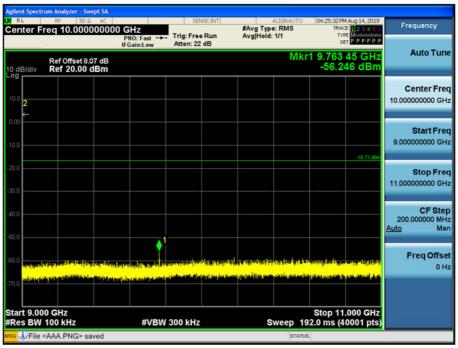


Test Plots(GFSK)- 7 GHz - 9 GHz Spurious Emission (CH.39)



Test Plots(GFSK)- 9 GHz - 11 GHz

Spurious Emission (CH.39)

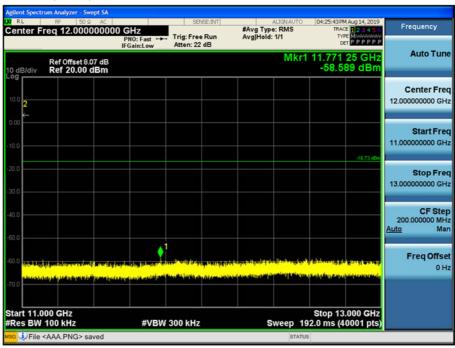


F-TP22-03 (Rev. 01) Page 67 of 87



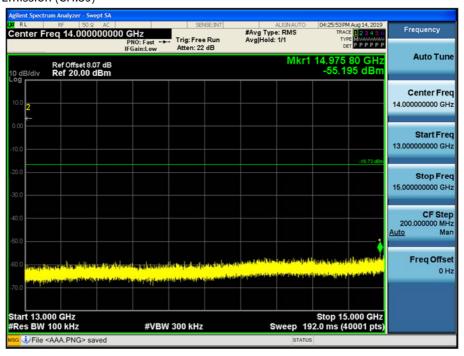
Test Plots(GFSK) 11 GHz - 13 GHz

Spurious Emission (CH.39)



Test Plots (GFSK)- 13 GHz - 15 GHz

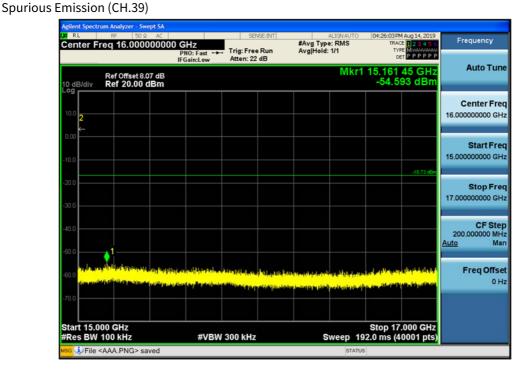
Spurious Emission (CH.39)



F-TP22-03 (Rev. 01) Page 68 of 87

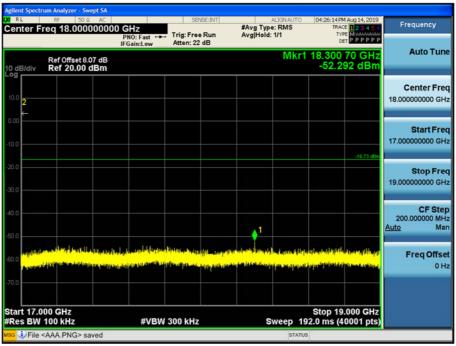


Test Plots(GFSK)– 15 GHz - 17 GHz



Test Plots(GFSK)- 17 GHz - 19 GHz

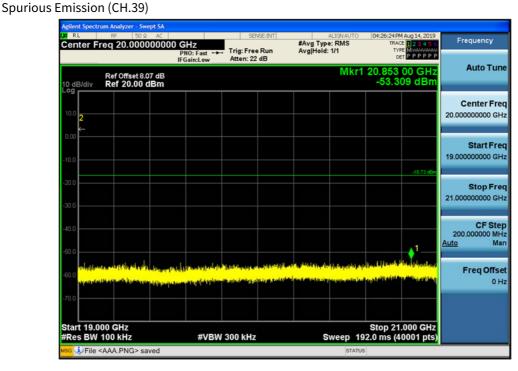
Spurious Emission (CH.39)



F-TP22-03 (Rev. 01) Page 69 of 87

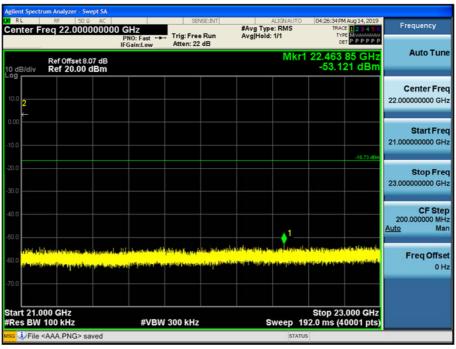


Test Plots (GFSK)- 19 GHz - 21 GHz



Test Plots (GFSK)- 21 GHz - 23 GHz

Spurious Emission (CH.39)



F-TP22-03 (Rev. 01) Page 70 of 87



Test Plots (GFSK)- 23 GHz - 25 GHz

Spurious Emission (CH.39)



F-TP22-03 (Rev. 01) Page 71 of 87



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 = $40*\log$ (specific distance / test distance) (dB)
- 3. Limit line = specific Limits (dBuV) + Distance extrapolation factor
- 4. Radiated test is performed with hopping off.
- 5. The test results for below 30 MHz is correlated to an open site.

 The result on OFS is about 2 dB higher than semi-anechoic chamber(10 m chamber)

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.

F-TP22-03 (Rev. 01) Page 72 of 87



Frequency Range : Above 1 GHz
Operation Mode: CH Low(GFSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4804 | 35.55 | 2.17 | V | 37.72 | 73.98 | 36.26 | PK |
| 4804 | 34.26 | 2.17 | V | 36.43 | 53.98 | 17.55 | AV |
| 7206 | 42.00 | 8.97 | V | 50.97 | 73.98 | 23.01 | PK |
| 7206 | 28.45 | 8.97 | V | 37.42 | 53.98 | 16.56 | AV |
| 4804 | 35.63 | 2.17 | Н | 37.8 | 73.98 | 36.18 | PK |
| 4804 | 34.55 | 2.17 | Н | 36.72 | 53.98 | 17.26 | AV |
| 7206 | 42.07 | 8.97 | Н | 51.04 | 73.98 | 22.94 | PK |
| 7206 | 28.55 | 8.97 | Н | 37.52 | 53.98 | 16.46 | AV |

Operation Mode: CH Low(8DPSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4804 | 44.56 | 2.17 | V | 46.73 | 73.98 | 27.25 | PK |
| 4804 | 33.12 | 2.17 | V | 35.29 | 53.98 | 18.69 | AV |
| 7206 | 42.05 | 8.97 | V | 51.02 | 73.98 | 22.96 | PK |
| 7206 | 28.31 | 8.97 | V | 37.28 | 53.98 | 16.70 | AV |
| 4804 | 45.87 | 2.17 | Н | 48.04 | 73.98 | 25.94 | PK |
| 4804 | 34.30 | 2.17 | Н | 36.47 | 53.98 | 17.51 | AV |
| 7206 | 42.26 | 8.97 | Н | 51.23 | 73.98 | 22.75 | PK |
| 7206 | 28.57 | 8.97 | Н | 37.54 | 53.98 | 16.44 | AV |

Operation Mode: CH Low(π/4DQPSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4804 | 44.98 | 2.17 | V | 47.15 | 73.98 | 26.83 | PK |
| 4804 | 34.32 | 2.17 | V | 36.49 | 53.98 | 17.49 | AV |
| 7206 | 42.09 | 8.97 | V | 51.06 | 73.98 | 22.92 | PK |
| 7206 | 28.42 | 8.97 | V | 37.39 | 53.98 | 16.59 | AV |
| 4804 | 45.99 | 2.17 | Н | 48.16 | 73.98 | 25.82 | PK |
| 4804 | 34.41 | 2.17 | Н | 36.58 | 53.98 | 17.40 | AV |
| 7206 | 42.38 | 8.97 | Н | 51.35 | 73.98 | 22.63 | PK |
| 7206 | 28.51 | 8.97 | Н | 37.48 | 53.98 | 16.50 | AV |

F-TP22-03 (Rev. 01) Page 73 of 87



Operation Mode: CH Mid(GFSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4882 | 43.26 | 2.68 | V | 45.94 | 73.98 | 28.04 | PK |
| 4882 | 29.47 | 2.68 | V | 32.15 | 53.98 | 21.83 | AV |
| 7323 | 43.11 | 9.03 | V | 52.14 | 73.98 | 21.84 | PK |
| 7323 | 28.49 | 9.03 | V | 37.52 | 53.98 | 16.46 | AV |
| 4882 | 43.53 | 2.68 | Н | 46.21 | 73.98 | 27.77 | PK |
| 4882 | 31.29 | 2.68 | Н | 33.97 | 53.98 | 20.01 | AV |
| 7323 | 43.15 | 9.03 | Н | 52.18 | 73.98 | 21.80 | PK |
| 7323 | 28.50 | 9.03 | Н | 37.53 | 53.98 | 16.45 | AV |

Operation Mode: CH Mid(8DPSK)

| Гиодилован | Dooding | AN ICL AMD C | ANT DOL | Total | Limait | Marain | |
|------------|---------|--------------|----------|----------|----------|--------|--------|
| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4882 | 43.66 | 2.68 | V | 46.34 | 73.98 | 27.64 | PK |
| 4882 | 30.42 | 2.68 | V | 33.1 | 53.98 | 20.88 | AV |
| 7323 | 40.99 | 9.03 | V | 50.02 | 73.98 | 23.96 | PK |
| 7323 | 28.14 | 9.03 | V | 37.17 | 53.98 | 16.81 | AV |
| 4882 | 44.12 | 2.68 | Н | 46.8 | 73.98 | 27.18 | PK |
| 4882 | 31.41 | 2.68 | Н | 34.09 | 53.98 | 19.89 | AV |
| 7323 | 41.97 | 9.03 | Н | 51 | 73.98 | 22.98 | PK |
| 7323 | 28.42 | 9.03 | Н | 37.45 | 53.98 | 16.53 | AV |

Operation Mode: CH Mid(π/4DQPSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4882 | 42.47 | 2.68 | V | 45.15 | 73.98 | 28.83 | PK |
| 4882 | 31.33 | 2.68 | V | 34.01 | 53.98 | 19.97 | AV |
| 7323 | 41.59 | 9.03 | V | 50.62 | 73.98 | 23.36 | PK |
| 7323 | 28.11 | 9.03 | V | 37.14 | 53.98 | 16.84 | AV |
| 4882 | 43.58 | 2.68 | Н | 46.26 | 73.98 | 27.72 | PK |
| 4882 | 31.36 | 2.68 | Н | 34.04 | 53.98 | 19.94 | AV |
| 7323 | 42.49 | 9.03 | Н | 51.52 | 73.98 | 22.46 | PK |
| 7323 | 28.58 | 9.03 | Н | 37.61 | 53.98 | 16.37 | AV |

F-TP22-03 (Rev. 01) Page 74 of 87



Operation Mode: CH High(GFSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4960 | 30.00 | 1.54 | V | 31.54 | 53.98 | 22.44 | AV |
| 4960 | 43.74 | 1.54 | Н | 45.28 | 73.98 | 28.70 | PK |
| 4960 | 30.63 | 1.54 | Н | 32.17 | 53.98 | 21.81 | AV |
| 7440 | 41.21 | 9.82 | Н | 51.03 | 73.98 | 22.95 | PK |
| 7440 | 27.70 | 9.82 | Н | 37.52 | 53.98 | 16.46 | AV |

Operation Mode: CH High(8DPSK)

| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
|-----------|---------|--------------|----------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4960 | 43.95 | 1.54 | V | 45.49 | 73.98 | 28.49 | PK |
| 4960 | 30.58 | 1.54 | V | 32.12 | 53.98 | 21.86 | AV |
| 7440 | 40.78 | 9.82 | V | 50.6 | 73.98 | 23.38 | PK |
| 7440 | 27.65 | 9.82 | V | 37.47 | 53.98 | 16.51 | AV |
| 4960 | 44.53 | 1.54 | Н | 46.07 | 73.98 | 27.91 | PK |
| 4960 | 30.61 | 1.54 | Н | 32.15 | 53.98 | 21.83 | AV |
| 7440 | 40.81 | 9.82 | Н | 50.63 | 73.98 | 23.35 | PK |
| 7440 | 27.71 | 9.82 | Н | 37.53 | 53.98 | 16.45 | AV |

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

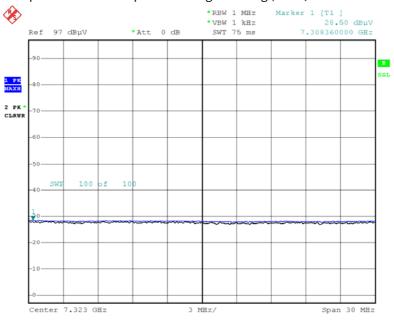
| ition Mode. C | | ·= &· •···/ | | | | | |
|---------------|---------|--------------|----------|----------|----------|--------|--------|
| Frequency | Reading | AN.+CL-AMP G | ANT. POL | Total | Limit | Margin | |
| [MHz] | dBuV | [dB] | [H/V] | [dBuV/m] | [dBuV/m] | [dB] | Detect |
| 4960 | 43.29 | 1.54 | V | 44.83 | 73.98 | 29.15 | PK |
| 4960 | 30.17 | 1.54 | V | 31.71 | 53.98 | 22.27 | AV |
| 7440 | 41.07 | 9.82 | V | 50.89 | 73.98 | 23.09 | PK |
| 7440 | 27.20 | 9.82 | V | 37.02 | 53.98 | 16.96 | AV |
| 4960 | 44.28 | 1.54 | Н | 45.82 | 73.98 | 28.16 | PK |
| 4960 | 30.67 | 1.54 | Н | 32.21 | 53.98 | 21.77 | AV |
| 7440 | 41.70 | 9.82 | Н | 51.52 | 73.98 | 22.46 | PK |
| 7440 | 27.73 | 9.82 | Н | 37.55 | 53.98 | 16.43 | AV |

F-TP22-03 (Rev. 01) Page 75 of 87



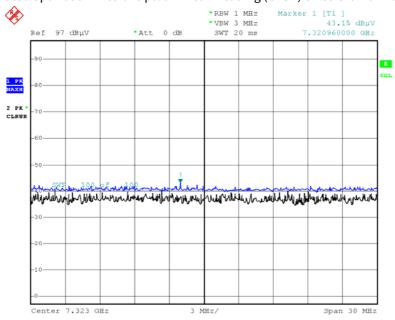
RESULT PLOTS (Worst case : H)

Radiated Spurious Emissions plot – Average Reading (GFSK, Ch.39 3rd Harmonic)



Date: 30.AUG.2019 10:19:20

Radiated Spurious Emissions plot - Peak Reading (GFSK, Ch.39 3rd Harmonic)

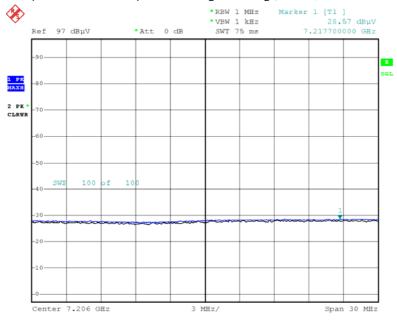


Date: 30.AUG.2019 10:19:47

F-TP22-03 (Rev. 01) Page 76 of 87

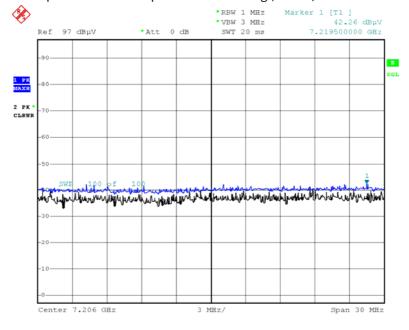


Radiated Spurious Emissions plot - Average Reading (8DPSK, Ch.0 3rd Harmonic)



Date: 30.AUG.2019 10:33:33

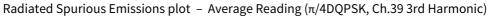
Radiated Spurious Emissions plot - Peak Reading (8DPSK, Ch.0 3rd Harmonic)

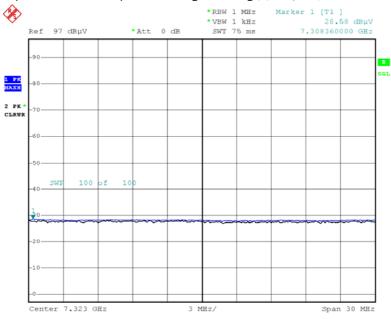


Date: 30.AUG.2019 10:33:44

F-TP22-03 (Rev. 01) Page 77 of 87

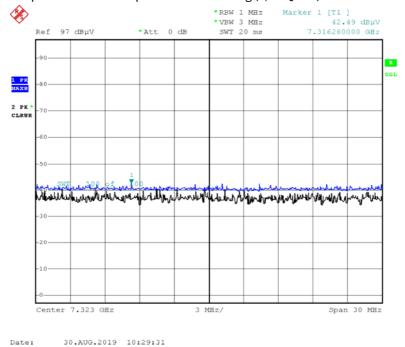






Date: 30.AUG.2019 10:29:12

Radiated Spurious Emissions plot – Peak Reading (π/4DQPSK, Ch.39 3rd Harmonic)



Note:

Plot of worst case are only reported.

F-TP22-03 (Rev. 01) Page 78 of 87



10.6.3 RADIATED RESTRICTED BAND EDGES

Operation Mode Normal(GFSK)

Operating Frequency 2402 MHz, 2480 MHz

Channel No CH 0, CH 78

| Frequency | Reading | ፠ A.F.+CL | | Duty Cycle Correction | | Limit | Margin | Detect |
|-----------|---------|-----------|-------|--------------------------|----------|-------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | | [dBuV/m] | | [dB] | [dB] |
| 2390.0 | 48.78 | 0.22 | Н | 0 | 49.00 | 73.98 | 24.98 | PK |
| 2390.0 | 35.82 | 0.22 | Н | -24.73 | 11.31 | 53.98 | 42.67 | AV |
| 2390.0 | 50.08 | 0.22 | V | 0 | 50.30 | 73.98 | 23.68 | PK |
| 2390.0 | 35.81 | 0.22 | V | -24.73 | 11.30 | 53.98 | 42.68 | AV |
| 2483.5 | 63.71 | 0.65 | Н | 0 | 64.36 | 73.98 | 9.62 | PK |
| 2483.5 | 52.43 | 0.65 | Н | -24.73 | 28.35 | 53.98 | 25.63 | AV |
| 2483.5 | 56.49 | 0.65 | V | 0 | 57.14 | 73.98 | 16.84 | PK |
| 2483.5 | 52.88 | 0.65 | V | -24.73 | 28.80 | 53.98 | 25.18 | AV |

Operation Mode EDR(8DPSK)

Operating Frequency 2402 MHz, 2480 MHz

Channel No CH 0, CH 78

| Fraguancy | Reading | ፠ A.F.+CL | ANT. POL | Duty Cycle Correction | | Limit | Margin | Detect |
|--------------------|---------|-------------------|----------|--------------------------|-------|----------|----------------|--------|
| Frequency [MHz] | dBuV | % A.F.+CL [dB] | [H/V] | | | [dBuV/m] | Margin [dB] | [dB] |
| 2390.0 | 48.99 | 0.22 | Н | 0 | 49.21 | 73.98 | 24.77 | PK |
| 2390.0 | 35.77 | 0.22 | Н | -24.73 | 11.26 | 53.98 | 42.72 | AV |
| 2390.0 | 47.68 | 0.22 | V | 0 | 47.90 | 73.98 | 26.08 | PK |
| 2390.0 | 35.75 | 0.22 | V | -24.73 | 11.24 | 53.98 | 42.74 | AV |
| 2483.5 | 54.95 | 0.65 | Н | 0 | 55.60 | 73.98 | 18.38 | PK |
| 2483.5 | 49.75 | 0.65 | Н | -24.73 | 25.67 | 53.98 | 28.31 | AV |
| 2483.5 | 53.87 | 0.65 | V | 0 | 54.52 | 73.98 | 19.46 | PK |
| 2483.5 | 48.69 | 0.65 | V | -24.73 | 24.61 | 53.98 | 29.37 | AV |

F-TP22-03 (Rev. 01) Page 79 of 87



Operation Mode

Operating Frequency

Channel No

 $EDR(\pi/4DQPSK)$

2402 MHz, 2480 MHz

CH 0, CH 78

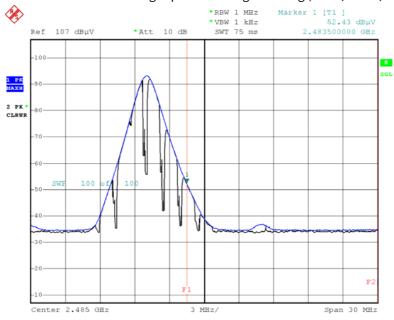
| Frequency | Reading | ፠ A.F.+CL | | Duty Cycle Correction | | Limit | Margin | Detect |
|-----------|---------|-----------|-------|--------------------------|----------|----------|--------|--------|
| [MHz] | dBuV | [dB] | [H/V] | [dB] | [dBuV/m] | [dBuV/m] | [dB] | [dB] |
| 2390.0 | 48.76 | 0.22 | Н | 0 | 48.98 | 73.98 | 25.00 | PK |
| 2390.0 | 35.97 | 0.22 | Н | -24.73 | 11.46 | 53.98 | 42.52 | AV |
| 2390.0 | 48.66 | 0.22 | V | 0 | 48.88 | 73.98 | 25.10 | PK |
| 2390.0 | 34.59 | 0.22 | V | -24.73 | 10.08 | 53.98 | 43.90 | AV |
| 2483.5 | 54.79 | 0.65 | Н | 0 | 55.44 | 73.98 | 18.54 | PK |
| 2483.5 | 49.28 | 0.65 | Н | -24.73 | 25.20 | 53.98 | 28.78 | AV |
| 2483.5 | 53.98 | 0.65 | V | 0 | 54.63 | 73.98 | 19.35 | PK |
| 2483.5 | 48.51 | 0.65 | V | -24.73 | 24.43 | 53.98 | 29.55 | AV |

F-TP22-03 (Rev. 01) Page 80 of 87



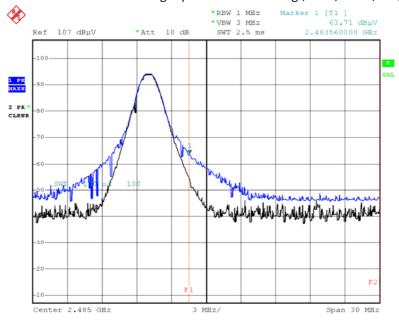
RESULT PLOTS

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



Date: 2.SEP.2019 09:45:43

Radiated Restricted Band Edges plot - Peak Reading (GFSK, Ch.78, X-H)

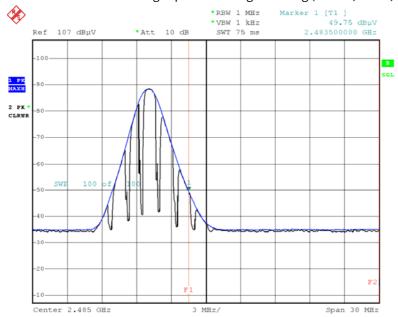


Date: 2.SEP.2019 09:46:16

F-TP22-03 (Rev. 01) Page 81 of 87

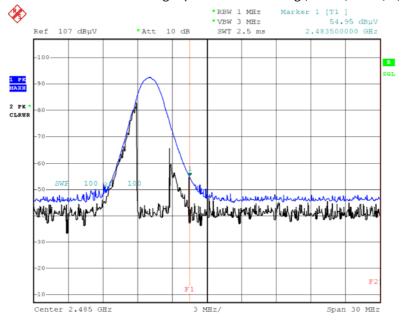


Radiated Restricted Band Edges plot - Average Reading (8DPSK, Ch.78, H)



Date: 30.AUG.2019 10:02:03

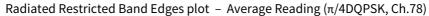
Radiated Restricted Band Edges plot - Peak Reading (8DPSK, Ch.78, H)

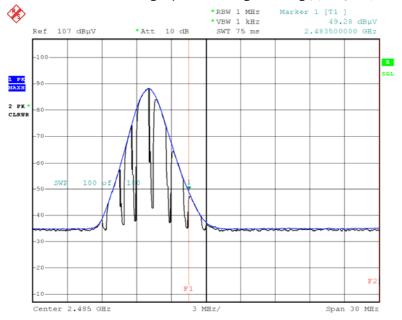


Date: 30.AUG.2019 10:02:14

F-TP22-03 (Rev. 01) Page 82 of 87

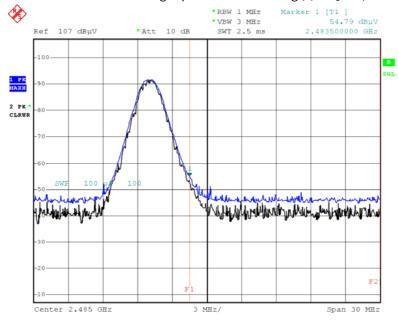






Date: 30.AUG.2019 09:56:25

Radiated Restricted Band Edges plot – Peak Reading (π/4DQPSK, Ch.78)



Date: 30.AUG.2019 09:56:34

Note:

Plot of worst case are only reported.

F-TP22-03 (Rev. 01) Page 83 of 87



10.7 RECEIVER SPURIOUS EMISSIONS

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.

Frequency Range: Above 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 | | | | | | | |

F-TP22-03 (Rev. 01) Page 84 of 87



11. LIST OF TEST EQUIPMENT

Conducted Test

| Manufacturer | Model / Equipment | Calibration Date | Calibration Interval | Serial No. |
|--------------------|--|---------------------|-------------------------|------------|
| Rohde & Schwarz | ENV216 / LISN | 12/12/2018 | 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 | 11/20/2018 | Annual | MY49431210 |
| Agilent | N1911A / Power Meter | 04/10/2019 | Annual | MY45100523 |
| Agilent | N1921A / Power Sensor | 04/10/2019 | Annual | MY52260025 |
| Agilent | 87300B / Directional Coupler | 11/20/2018 | Annual | 3116A03621 |
| Hewlett Packard | 11667B / Power Splitter | 05/24/2019 | Annual | 5001 |
| 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 |
| Rohde & Schwarz | CBT / Bluetooth Tester | 05/16/2019 | Annual | 100422 |

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.

F-TP22-03 (Rev. 01) Page 85 of 87



Radiated Test

| 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 9160 / Hybrid Antenna | 08/09/2019 | Biennial | 3368 |
| Schwarzbeck | BBHA 9120D / Horn Antenna | 11/21/2017 | Biennial | 9120D-1191 |
| Schwarzbeck | BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz) | 12/04/2017 | Biennial | BBHA9170541 |
| Rohde & Schwarz | FSP(9 kHz ~ 30 GHz) / Spectrum Analyzer | 09/19/2018 | Annual | 836650/016 |
| Rohde & Schwarz | FSV40-N / Spectrum Analyzer | 09/19/2018 | 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 |
| WEINSCHEL | 56-10 / Attenuator(10 dB) | 10/10/2018 | 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.

F-TP22-03 (Rev. 01) Page 86 of 87



12. ANNEX A_ TEST SETUP PHOTO

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

| No. | Description |
|-----|---------------------|
| 1 | HCT-RF-1909-FI002-P |

F-TP22-03 (Rev. 01) Page 87 of 87