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## 01 Conducted output power for inter-band CA

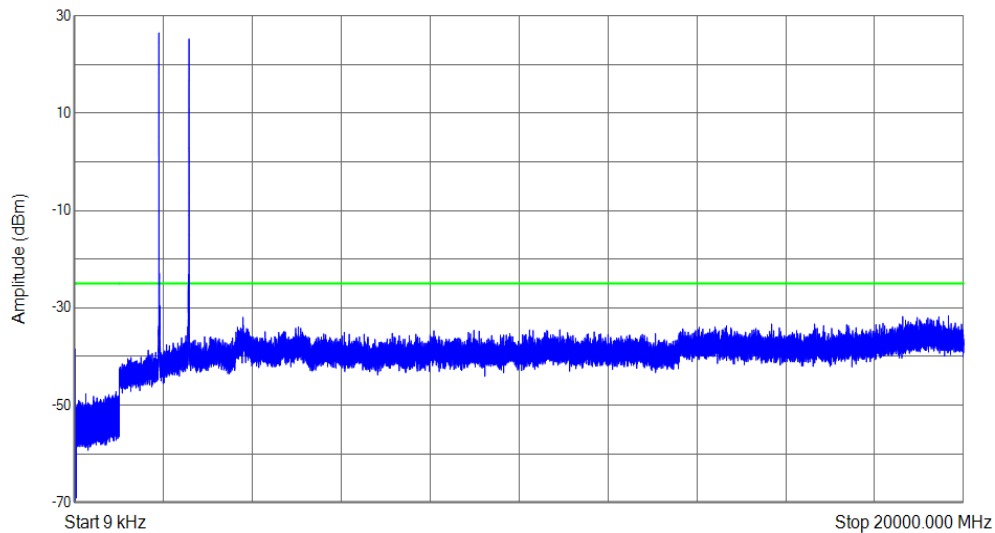
| Band      | PCC<br>BW<br>(MHz) | PCC<br>Ch | PCC<br>RB | SCC<br>BW<br>(MHz) | SCC<br>Ch | SCC<br>RB | Modulation | Power<br>(dBm) | Gain(dB) | EIRP<br>(dBm) | EIRP<br>(mW) | ERP<br>Limit<br>(mW) | Verdict |
|-----------|--------------------|-----------|-----------|--------------------|-----------|-----------|------------|----------------|----------|---------------|--------------|----------------------|---------|
| 2A-7<br>A | 5                  | 625       | 1@0       | 5                  | 277<br>5  | 1@24      | QPSK       | 22.81          | 0        | 22.81         | 191.0<br>8   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 625       | 1@24      | 5                  | 277<br>5  | 1@0       | QPSK       | 24.17          | 0        | 24.17         | 261.1<br>8   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 625       | 25@0      | 5                  | 277<br>5  | 25@0      | QPSK       | 23.46          | 0        | 23.46         | 221.6<br>6   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 625       | 1@0       | 5                  | 277<br>5  | 1@24      | 16QAM      | 22.69          | 0        | 22.69         | 185.6<br>6   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 625       | 1@24      | 5                  | 277<br>5  | 1@0       | 16QAM      | 24.00          | 0        | 24.00         | 251.0<br>7   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 625       | 25@0      | 5                  | 277<br>5  | 25@0      | 16QAM      | 23.42          | 0        | 23.42         | 219.7<br>0   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 117<br>5  | 1@0       | 5                  | 342<br>5  | 1@24      | QPSK       | 22.52          | 0        | 22.52         | 178.7<br>7   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 117<br>5  | 1@24      | 5                  | 342<br>5  | 1@0       | QPSK       | 22.94          | 0        | 22.94         | 196.6<br>7   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 117<br>5  | 25@0      | 5                  | 342<br>5  | 25@0      | QPSK       | 23.17          | 0        | 23.17         | 207.5<br>0   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 117<br>5  | 1@0       | 5                  | 342<br>5  | 1@24      | 16QAM      | 22.61          | 0        | 22.61         | 182.2<br>8   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 117<br>5  | 1@24      | 5                  | 342<br>5  | 1@0       | 16QAM      | 23.04          | 0        | 23.04         | 201.2<br>0   | 2000                 | PASS    |
| 2A-7<br>A | 5                  | 117<br>5  | 25@0      | 5                  | 342<br>5  | 25@0      | 16QAM      | 23.16          | 0        | 23.16         | 207.2<br>3   | 2000                 | PASS    |
| 2A-7<br>A | 20                 | 700       | 1@0       | 20                 | 285<br>0  | 1@99      | QPSK       | 22.97          | 0        | 22.97         | 198.2<br>5   | 2000                 | PASS    |
| 2A-7<br>A | 20                 | 700       | 1@99      | 20                 | 285<br>0  | 1@0       | QPSK       | 23.81          | 0        | 23.81         | 240.6<br>2   | 2000                 | PASS    |
| 2A-7<br>A | 20                 | 700       | 100@<br>0 | 20                 | 285<br>0  | 100@<br>0 | QPSK       | 23.89          | 0        | 23.89         | 244.9<br>8   | 2000                 | PASS    |
| 2A-7<br>A | 20                 | 700       | 1@0       | 20                 | 285<br>0  | 1@99      | 16QAM      | 22.36          | 0        | 22.36         | 172.2<br>6   | 2000                 | PASS    |
| 2A-7<br>A | 20                 | 700       | 1@99      | 20                 | 285<br>0  | 1@0       | 16QAM      | 23.01          | 0        | 23.01         | 199.8<br>4   | 2000                 | PASS    |
| 2A-7<br>A | 20                 | 700       | 100@<br>0 | 20                 | 285<br>0  | 100@<br>0 | 16QAM      | 23.89          | 0        | 23.89         | 245.0<br>5   | 2000                 | PASS    |
| 2A-7      | 20                 | 110       | 1@0       | 20                 | 335       | 1@99      | QPSK       | 24.23          | 0        | 24.23         | 264.6        | 2000                 | PASS    |

|      |    |     |      |    |     |      |       |       |   |       |       |      |      |
|------|----|-----|------|----|-----|------|-------|-------|---|-------|-------|------|------|
| A    |    | 0   |      |    | 0   |      |       |       |   |       | 7     |      |      |
| 2A-7 | 20 | 110 | 1@99 | 20 | 335 | 1@0  | QPSK  | 22.62 | 0 | 22.62 | 182.9 | 2000 | PASS |
| A    |    | 0   |      |    | 0   |      |       |       |   |       | 8     |      |      |
| 2A-7 | 20 | 110 | 100@ | 20 | 335 | 100@ | QPSK  | 23.98 | 0 | 23.98 | 250.2 | 2000 | PASS |
| A    |    | 0   | 0    |    | 0   | 0    |       |       |   |       | 7     |      |      |
| 2A-7 | 20 | 110 | 1@0  | 20 | 335 | 1@99 | 16QAM | 23.98 | 0 | 23.98 | 249.8 | 2000 | PASS |
| A    |    | 0   |      |    | 0   |      |       |       |   |       | 3     |      |      |
| 2A-7 | 20 | 110 | 1@99 | 20 | 335 | 1@0  | 16QAM | 22.43 | 0 | 22.43 | 175.0 | 2000 | PASS |
| A    |    | 0   |      |    | 0   |      |       |       |   |       | 4     |      |      |
| 2A-7 | 20 | 110 | 100@ | 20 | 335 | 100@ | 16QAM | 23.98 | 0 | 23.98 | 249.9 | 2000 | PASS |
| A    |    | 0   | 0    |    | 0   | 0    |       |       |   |       | 6     |      |      |

## 06 Out-of-band emissions for inter-band CA

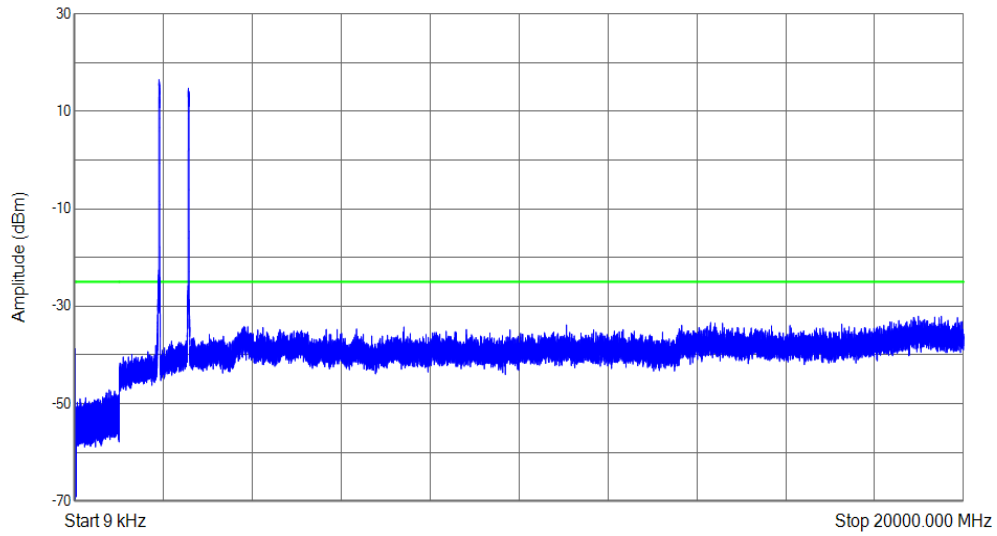
| Band  | PCC<br>BW<br>(MHz) | PCC<br>Ch | PCC<br>RB | SCC<br>BW<br>(MHz) | SCC<br>Ch | SCC<br>RB | Modulation | Spur<br>Freq<br>(MHz) | Spur<br>Level<br>(dBm) | Limit<br>(dBm) | Verdict |
|-------|--------------------|-----------|-----------|--------------------|-----------|-----------|------------|-----------------------|------------------------|----------------|---------|
| 2A-7A | 5                  | 625       | 1@0       | 5                  | 2775      | 1@24      | QPSK       | 19078.50              | -30.28                 | -25            | PASS    |
| 2A-7A | 5                  | 625       | 25@0      | 5                  | 2775      | 25@0      | QPSK       | 18994.90              | -31.42                 | -25            | PASS    |
| 2A-7A | 5                  | 625       | 1@0       | 5                  | 2775      | 1@24      | 16QAM      | 18887.23              | -31.68                 | -25            | PASS    |
| 2A-7A | 5                  | 625       | 25@0      | 5                  | 2775      | 25@0      | 16QAM      | 19931.60              | -32.22                 | -25            | PASS    |
| 2A-7A | 5                  | 1175      | 1@0       | 5                  | 3425      | 1@24      | QPSK       | 3810.73               | -30.14                 | -25            | PASS    |
| 2A-7A | 5                  | 1175      | 25@0      | 5                  | 3425      | 25@0      | QPSK       | 3817.70               | -30.47                 | -25            | PASS    |
| 2A-7A | 5                  | 1175      | 1@0       | 5                  | 3425      | 1@24      | 16QAM      | 3810.73               | -29.64                 | -25            | PASS    |
| 2A-7A | 5                  | 1175      | 25@0      | 5                  | 3425      | 25@0      | 16QAM      | 19103.20              | -31.23                 | -25            | PASS    |
| 2A-7A | 20                 | 700       | 1@0       | 20                 | 2850      | 1@99      | QPSK       | 18568.03              | -31.55                 | -25            | PASS    |
| 2A-7A | 20                 | 700       | 100@0     | 20                 | 2850      | 100@0     | QPSK       | 19937.93              | -31.76                 | -25            | PASS    |
| 2A-7A | 20                 | 700       | 1@0       | 20                 | 2850      | 1@99      | 16QAM      | 19205.17              | -31.23                 | -25            | PASS    |
| 2A-7A | 20                 | 700       | 100@0     | 20                 | 2850      | 100@0     | 16QAM      | 18811.87              | -31.24                 | -25            | PASS    |
| 2A-7A | 20                 | 1100      | 1@0       | 20                 | 3350      | 1@99      | QPSK       | 18980.33              | -31.73                 | -25            | PASS    |
| 2A-7A | 20                 | 1100      | 100@0     | 20                 | 3350      | 100@0     | QPSK       | 18758.03              | -31.48                 | -25            | PASS    |
| 2A-7A | 20                 | 1100      | 1@0       | 20                 | 3350      | 1@99      | 16QAM      | 19659.90              | -31.65                 | -25            | PASS    |
| 2A-7A | 20                 | 1100      | 100@0     | 20                 | 3350      | 100@0     | 16QAM      | 18980.97              | -32.07                 | -25            | PASS    |

**2A-7A 16QAM PCC BW=20MHz Ch=1100 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99**



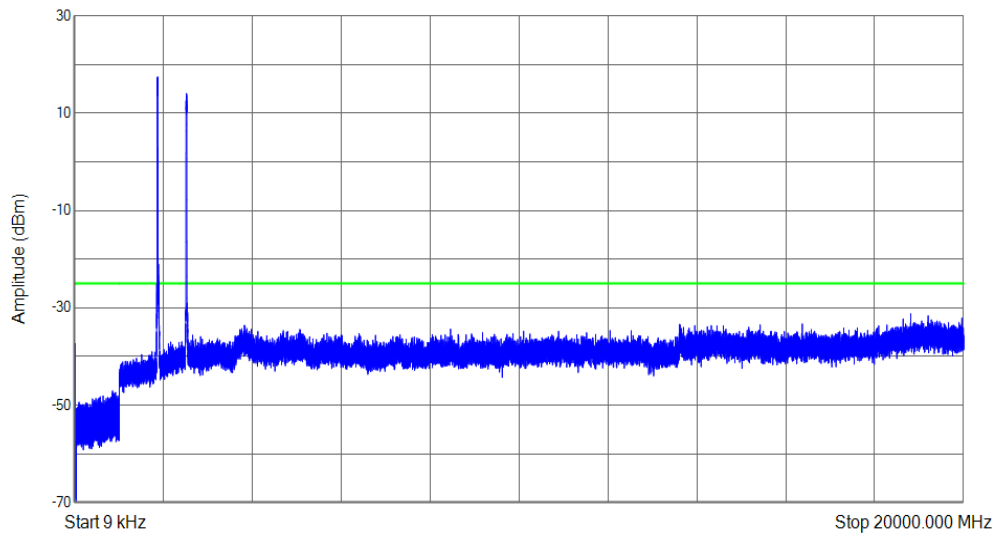
| Range | Start<br>(MHz) | Stop<br>(MHz) | RBW<br>(kHz) | Spur Freq<br>(MHz) | Spur Level<br>(dBm) | Limit<br>(dBm) |
|-------|----------------|---------------|--------------|--------------------|---------------------|----------------|
| 1     | 0.009          | 0.15          | 1            | 0.01               | -38.54              | -25            |
| 2     | 0.15           | 30            | 10           | 0.16               | -49.03              | -25            |
| 3     | 30             | 1000          | 100          | 926.09             | -47.2               | -25            |
| 4     | 1000           | 20000         | 1000         | 19659.9            | -31.65              | -25            |

**2A-7A 16QAM PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0**



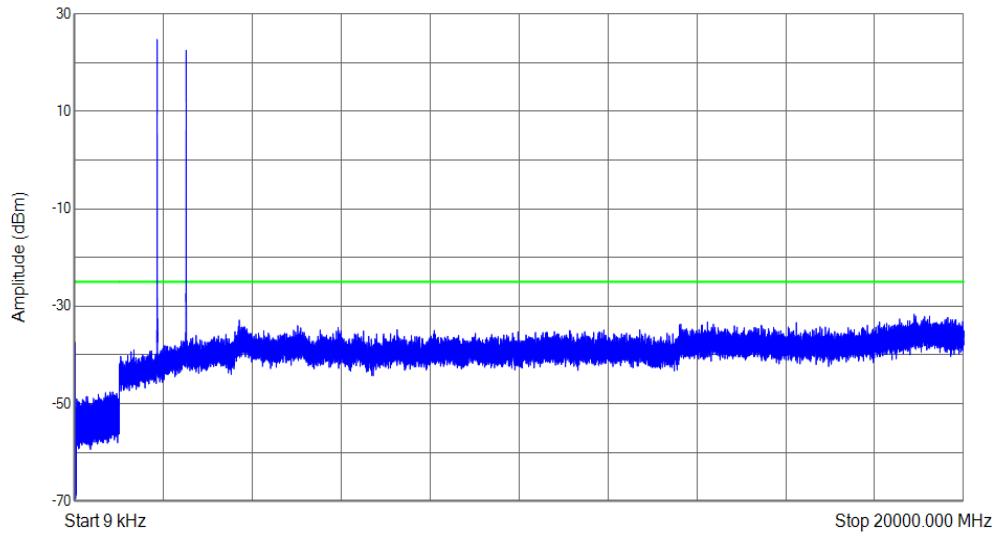
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -38.73           | -25         |
| 2     | 0.15        | 30         | 10        | 0.17            | -46.24           | -25         |
| 3     | 30          | 1000       | 100       | 774.02          | -47.17           | -25         |
| 4     | 1000        | 20000      | 1000      | 18980.97        | -32.07           | -25         |

**2A-7A 16QAM PCC BW=20MHz Ch=700 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0**



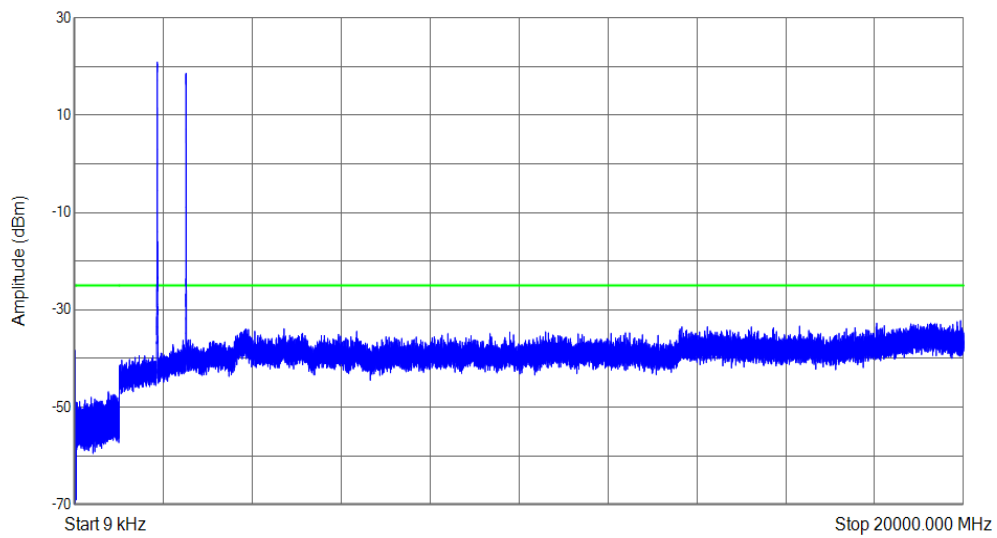
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.35           | -25         |
| 2     | 0.15        | 30         | 10        | 0.15            | -49.31           | -25         |
| 3     | 30          | 1000       | 100       | 848.39          | -47.07           | -25         |
| 4     | 1000        | 20000      | 1000      | 18811.87        | -31.24           | -25         |

**2A-7A 16QAM PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24**



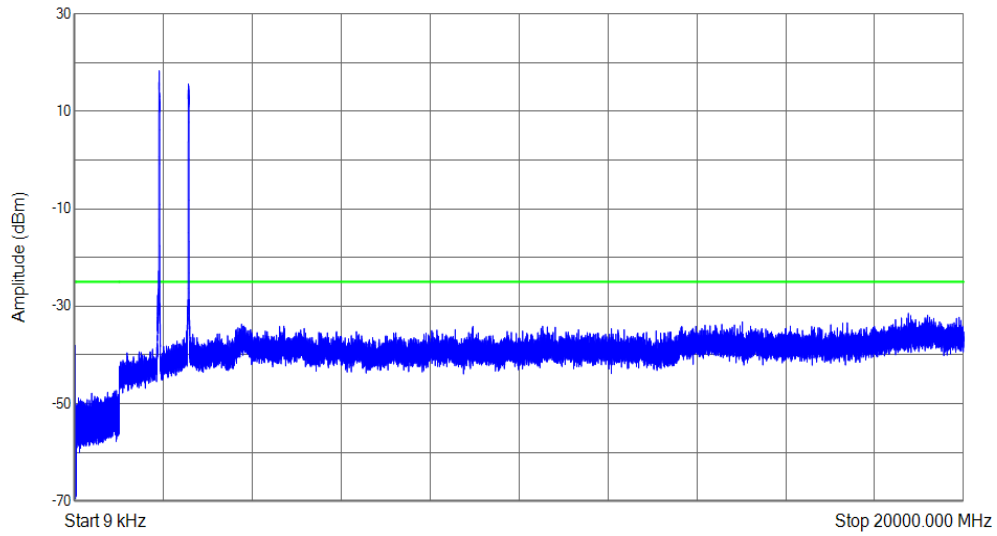
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.49           | -25         |
| 2     | 0.15        | 30         | 10        | 0.16            | -47.66           | -25         |
| 3     | 30          | 1000       | 100       | 794             | -47.61           | -25         |
| 4     | 1000        | 20000      | 1000      | 18887.23        | -31.68           | -25         |

**2A-7A 16QAM PCC BW=5MHz Ch=625 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0**



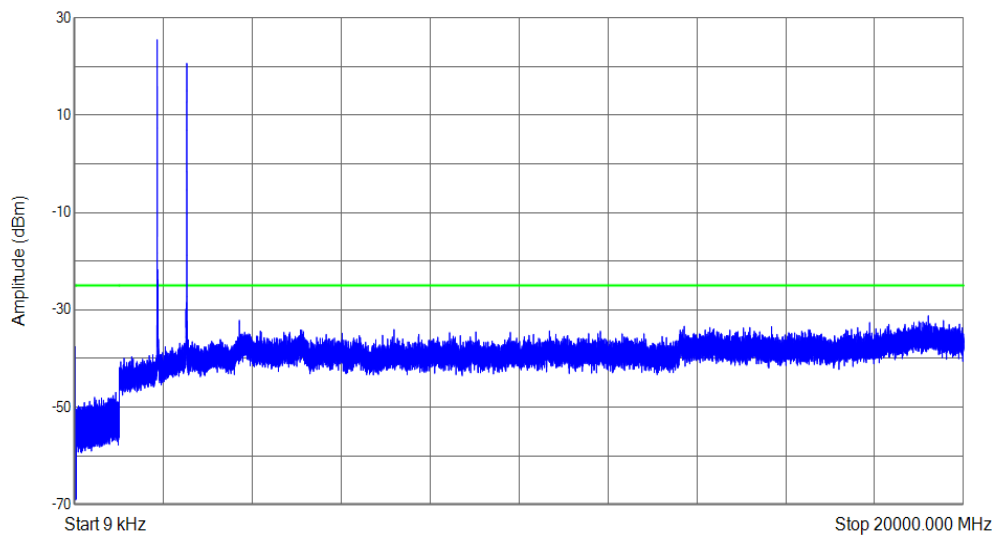
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -38.4            | -25         |
| 2     | 0.15        | 30         | 10        | 0.16            | -48.72           | -25         |
| 3     | 30          | 1000       | 100       | 754.04          | -46.84           | -25         |
| 4     | 1000        | 20000      | 1000      | 19931.6         | -32.22           | -25         |

**2A-7A QPSK PCC BW=20MHz Ch=1100 RB=100@0,SCC BW=20MHz Ch=3350 RB=100@0**



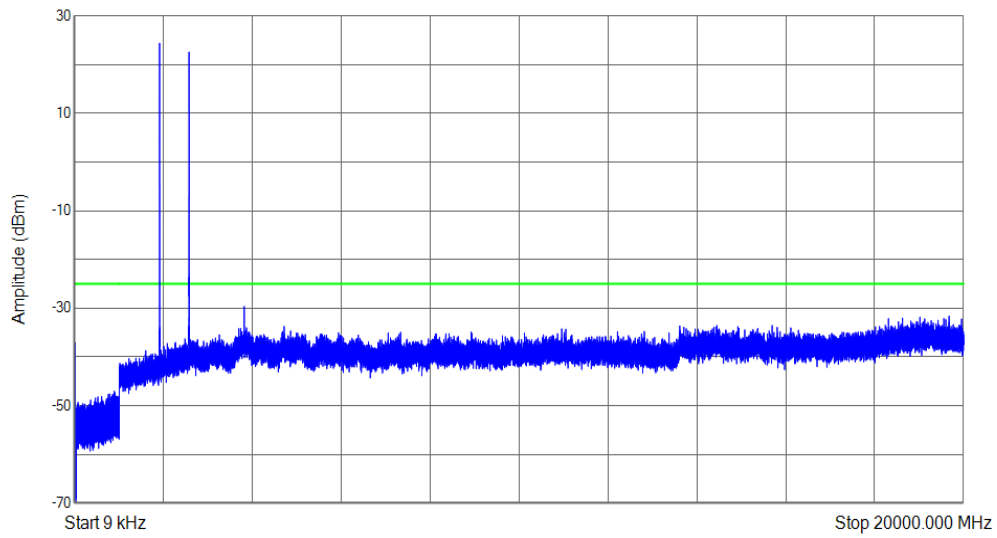
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -38.13           | -25         |
| 2     | 0.15        | 30         | 10        | 0.15            | -47.87           | -25         |
| 3     | 30          | 1000       | 100       | 935.66          | -47.32           | -25         |
| 4     | 1000        | 20000      | 1000      | 18758.03        | -31.48           | -25         |

**2A-7A 16QAM PCC BW=20MHz Ch=700 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99**



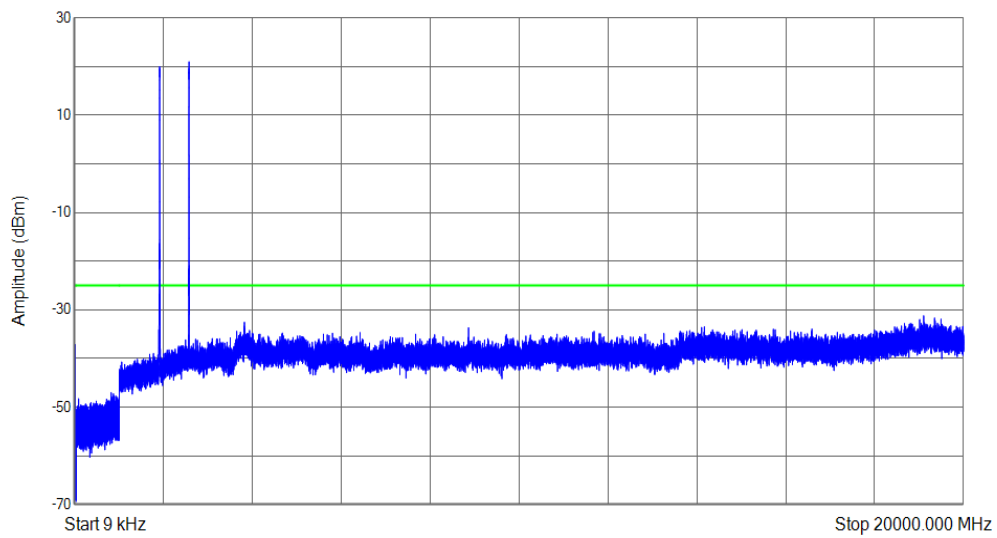
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.63           | -25         |
| 2     | 0.15        | 30         | 10        | 0.15            | -48.07           | -25         |
| 3     | 30          | 1000       | 100       | 921.88          | -46.97           | -25         |
| 4     | 1000        | 20000      | 1000      | 19205.17        | -31.23           | -25         |

**2A-7A 16QAM PCC BW=5MHz Ch=1175 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24**



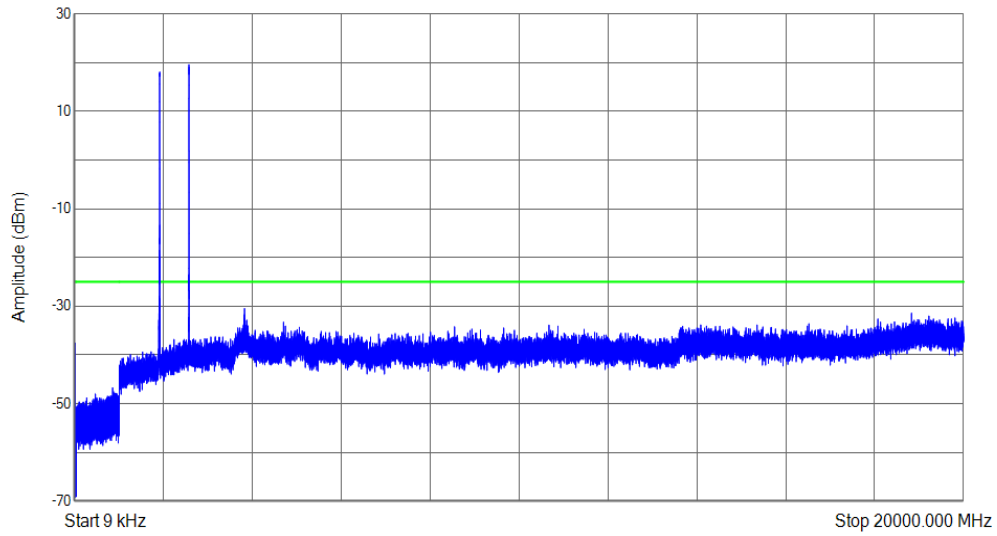
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.15           | -25         |
| 2     | 0.15        | 30         | 10        | 0.15            | -48.45           | -25         |
| 3     | 30          | 1000       | 100       | 884.54          | -47.03           | -25         |
| 4     | 1000        | 20000      | 1000      | 3810.73         | -29.64           | -25         |

**2A-7A 16QAM PCC BW=5MHz Ch=1175 RB=25@0,SCC BW=5MHz Ch=3425 RB=25@0**



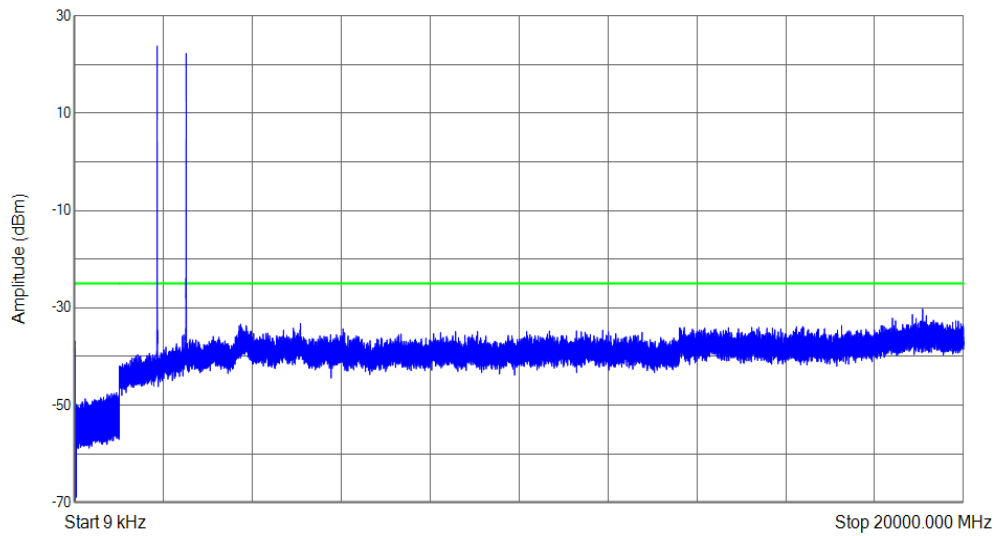
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.22           | -25         |
| 2     | 0.15        | 30         | 10        | 0.16            | -48.96           | -25         |
| 3     | 30          | 1000       | 100       | 816.54          | -47.03           | -25         |
| 4     | 1000        | 20000      | 1000      | 19103.2         | -31.23           | -25         |

**2A-7A QPSK PCC BW=5MHz Ch=1175 RB=25@0,SCC BW=5MHz Ch=3425 RB=25@0**



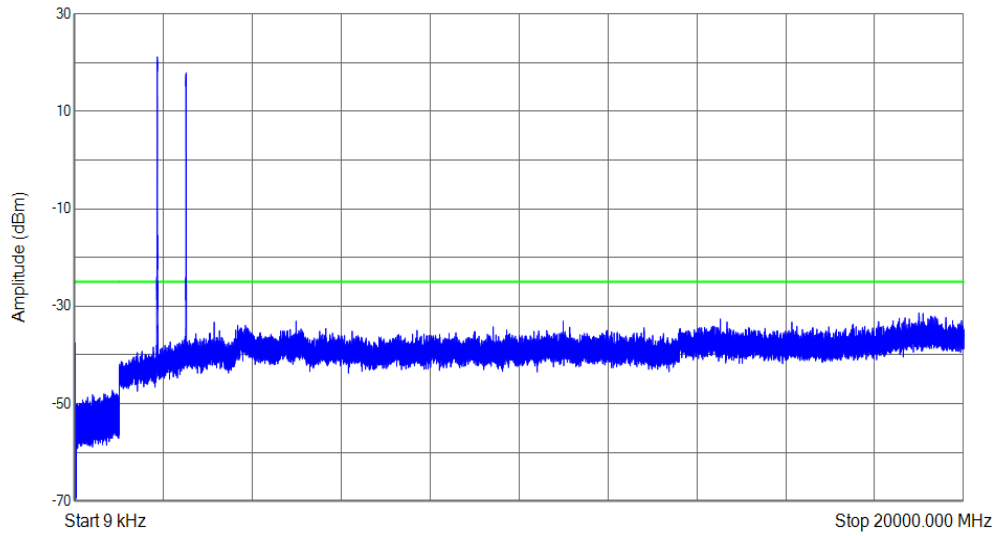
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.61           | -25         |
| 2     | 0.15        | 30         | 10        | 0.18            | -49.12           | -25         |
| 3     | 30          | 1000       | 100       | 851.33          | -46.74           | -25         |
| 4     | 1000        | 20000      | 1000      | 3817.7          | -30.47           | -25         |

**2A-7A QPSK PCC BW=5MHz Ch=625 RB=1@0,SCC BW=5MHz Ch=2775 RB=1@24**



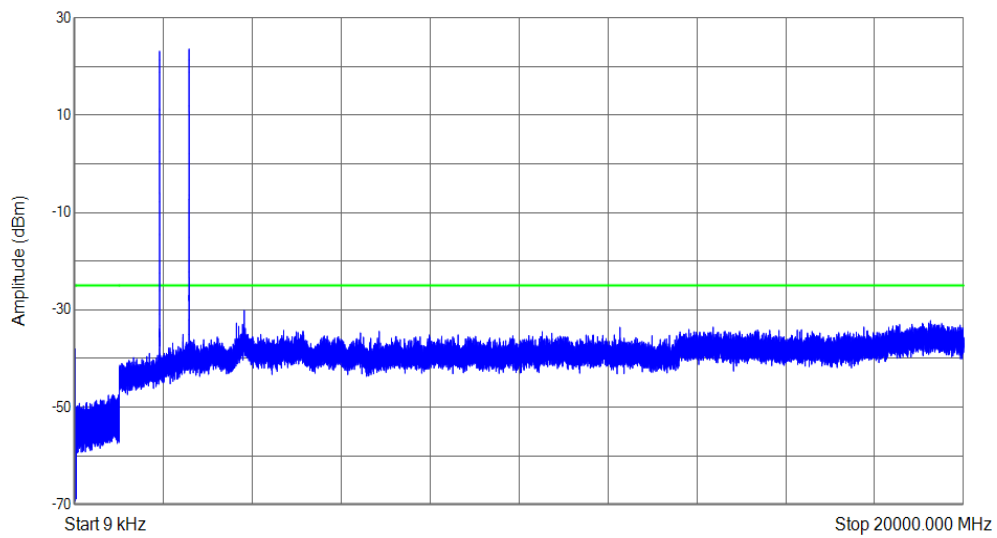
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -36.89           | -25         |
| 2     | 0.15        | 30         | 10        | 0.17            | -48.48           | -25         |
| 3     | 30          | 1000       | 100       | 936.69          | -47.43           | -25         |
| 4     | 1000        | 20000      | 1000      | 19078.5         | -30.28           | -25         |

**2A-7A QPSK PCC BW=5MHz Ch=625 RB=25@0,SCC BW=5MHz Ch=2775 RB=25@0**



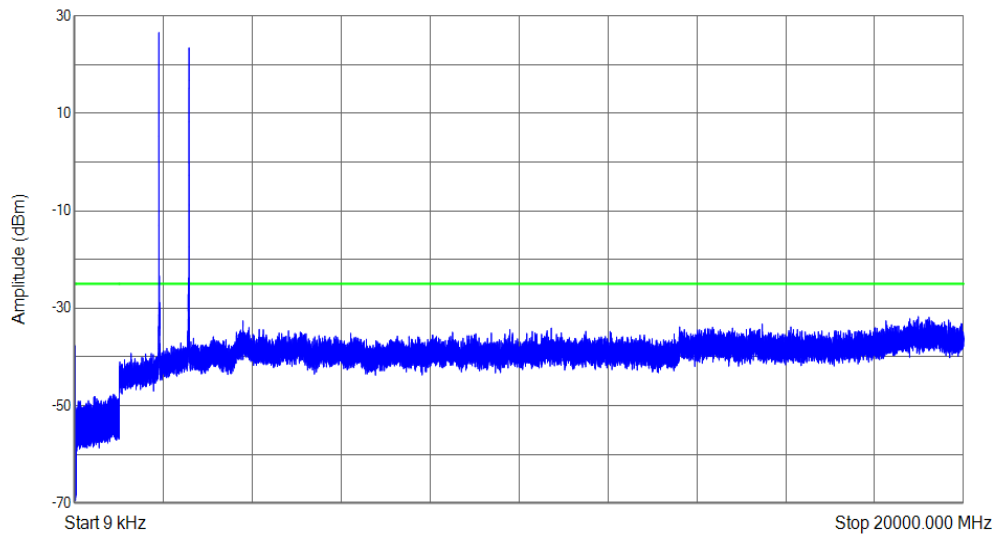
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.62           | -25         |
| 2     | 0.15        | 30         | 10        | 0.17            | -48.84           | -25         |
| 3     | 30          | 1000       | 100       | 843.28          | -47.27           | -25         |
| 4     | 1000        | 20000      | 1000      | 18994.9         | -31.42           | -25         |

**2A-7A QPSK PCC BW=5MHz Ch=1175 RB=1@0,SCC BW=5MHz Ch=3425 RB=1@24**



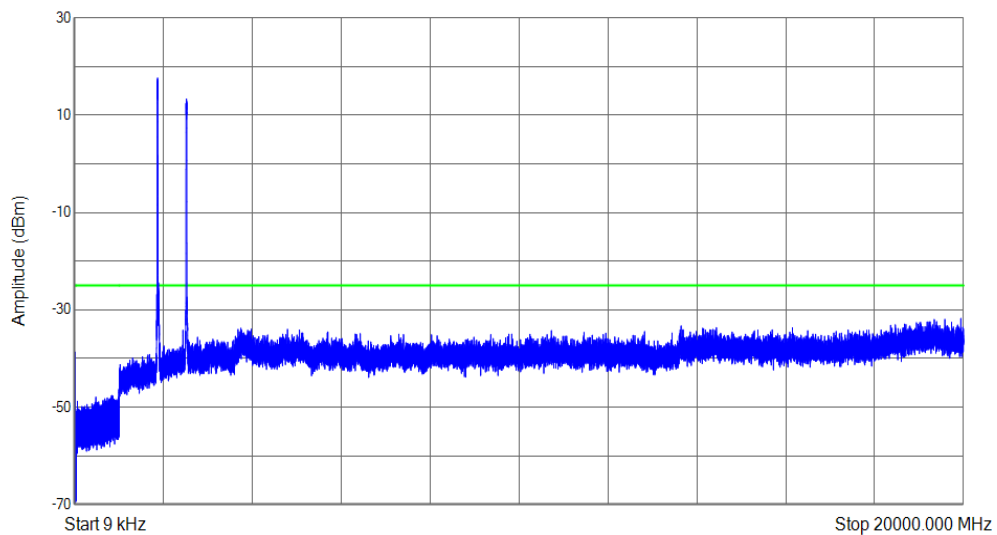
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -38.05           | -25         |
| 2     | 0.15        | 30         | 10        | 0.15            | -46.99           | -25         |
| 3     | 30          | 1000       | 100       | 857.35          | -47.41           | -25         |
| 4     | 1000        | 20000      | 1000      | 3810.73         | -30.14           | -25         |

**2A-7A QPSK PCC BW=20MHz Ch=1100 RB=1@0,SCC BW=20MHz Ch=3350 RB=1@99**



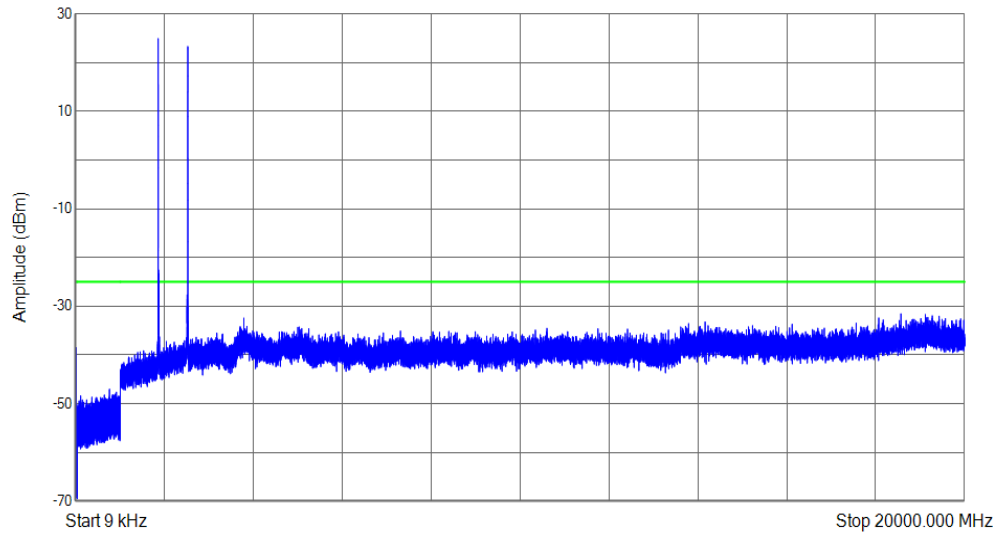
| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -37.74           | -25         |
| 2     | 0.15        | 30         | 10        | 0.17            | -49.48           | -25         |
| 3     | 30          | 1000       | 100       | 868.34          | -47.67           | -25         |
| 4     | 1000        | 20000      | 1000      | 18980.33        | -31.73           | -25         |

**2A-7A QPSK PCC BW=20MHz Ch=700 RB=100@0,SCC BW=20MHz Ch=2850 RB=100@0**



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -38.69           | -25         |
| 2     | 0.15        | 30         | 10        | 0.16            | -49.12           | -25         |
| 3     | 30          | 1000       | 100       | 988.23          | -46.37           | -25         |
| 4     | 1000        | 20000      | 1000      | 19937.93        | -31.76           | -25         |

**2A-7A QPSK PCC BW=20MHz Ch=700 RB=1@0,SCC BW=20MHz Ch=2850 RB=1@99**



| Range | Start (MHz) | Stop (MHz) | RBW (kHz) | Spur Freq (MHz) | Spur Level (dBm) | Limit (dBm) |
|-------|-------------|------------|-----------|-----------------|------------------|-------------|
| 1     | 0.009       | 0.15       | 1         | 0.01            | -38.57           | -25         |
| 2     | 0.15        | 30         | 10        | 0.16            | -47.81           | -25         |
| 3     | 30          | 1000       | 100       | 755.92          | -47.05           | -25         |
| 4     | 1000        | 20000      | 1000      | 18568.03        | -31.55           | -25         |