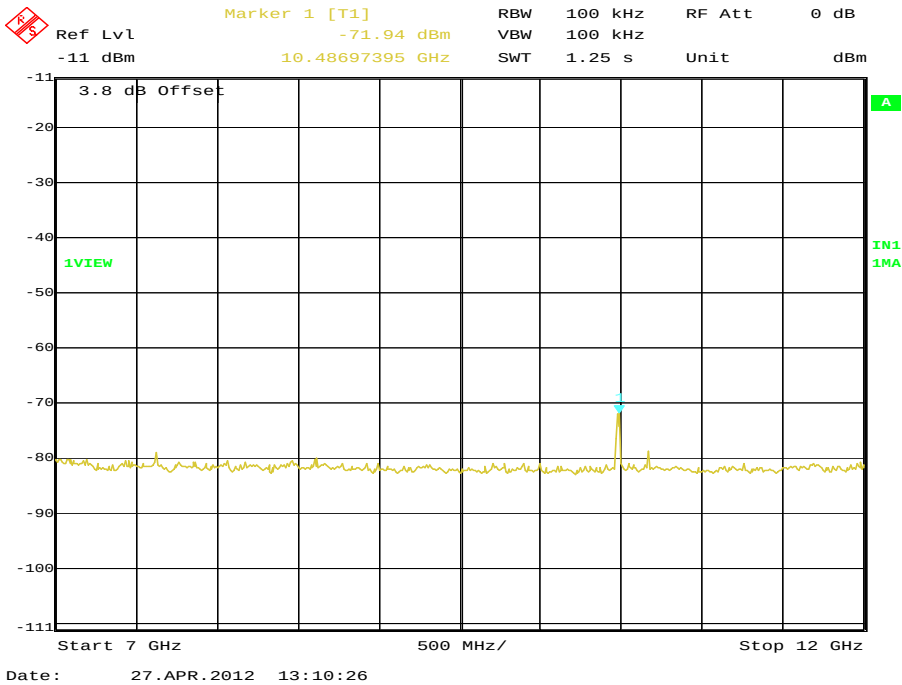


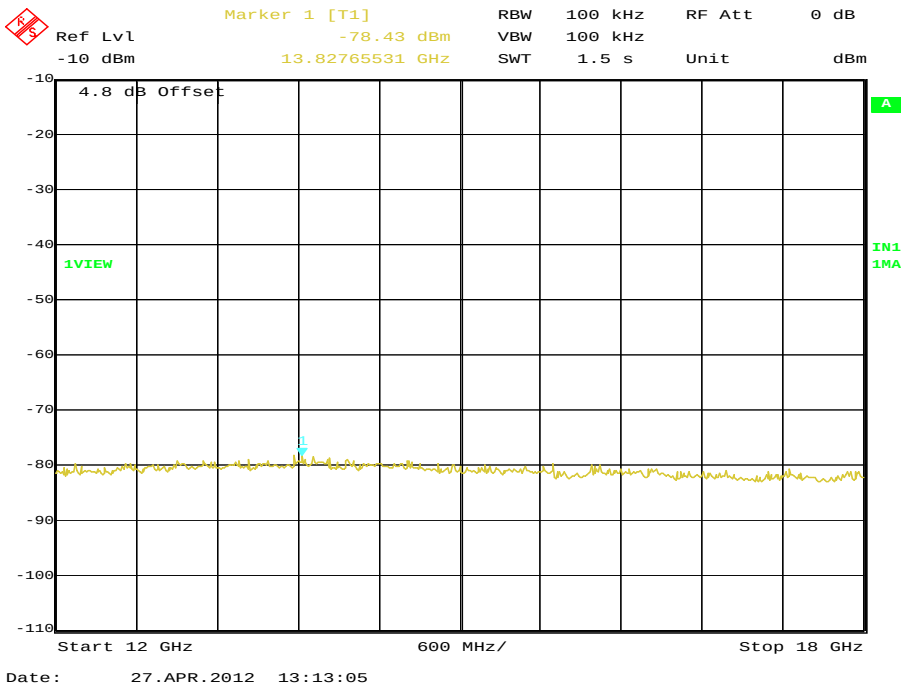


Product Service

7 GHz to 12 GHz



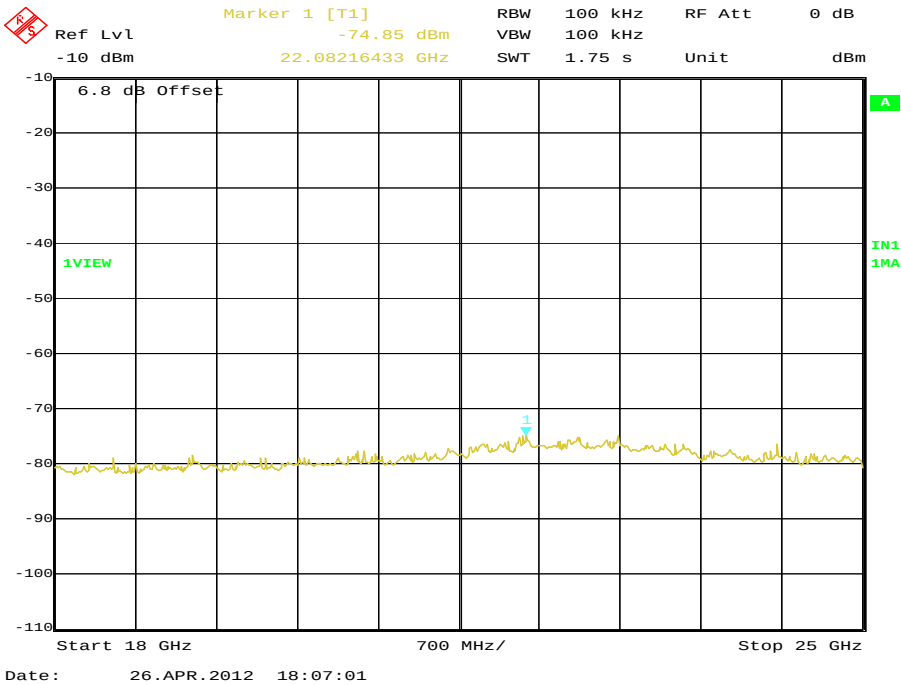
12 GHz to 18 GHz



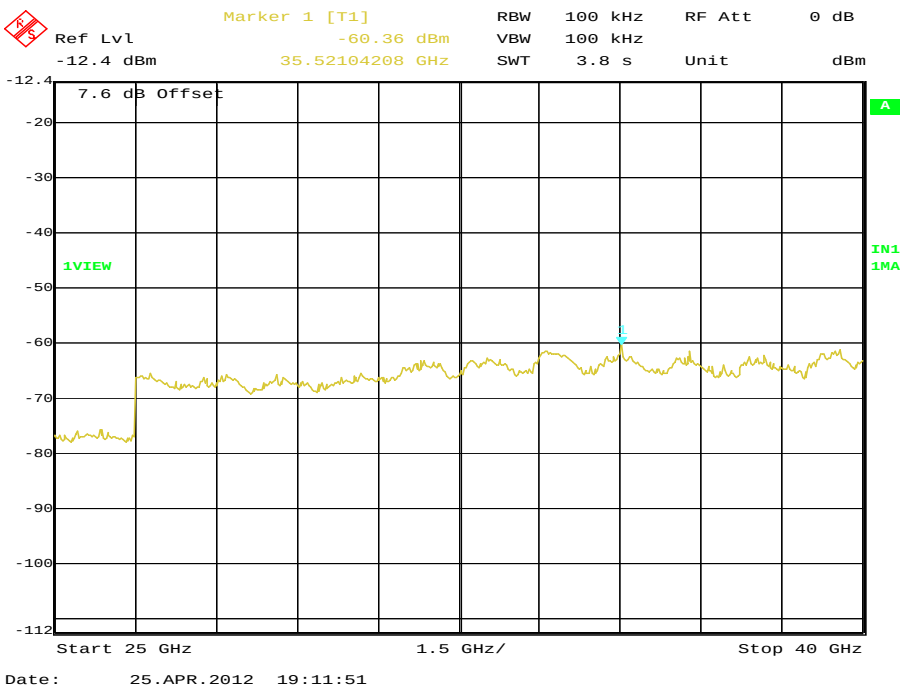


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz



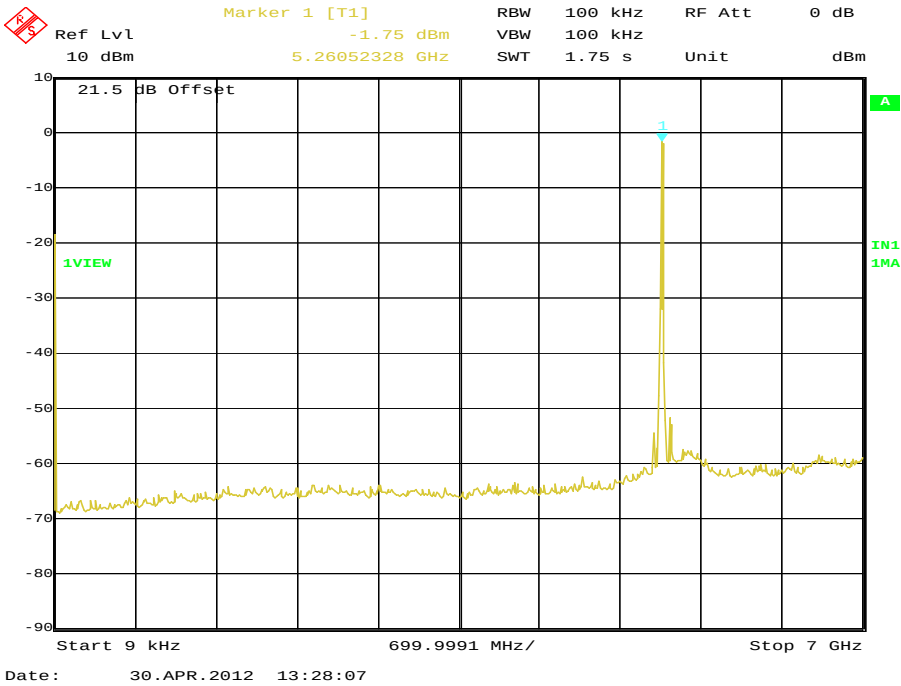


Product Service

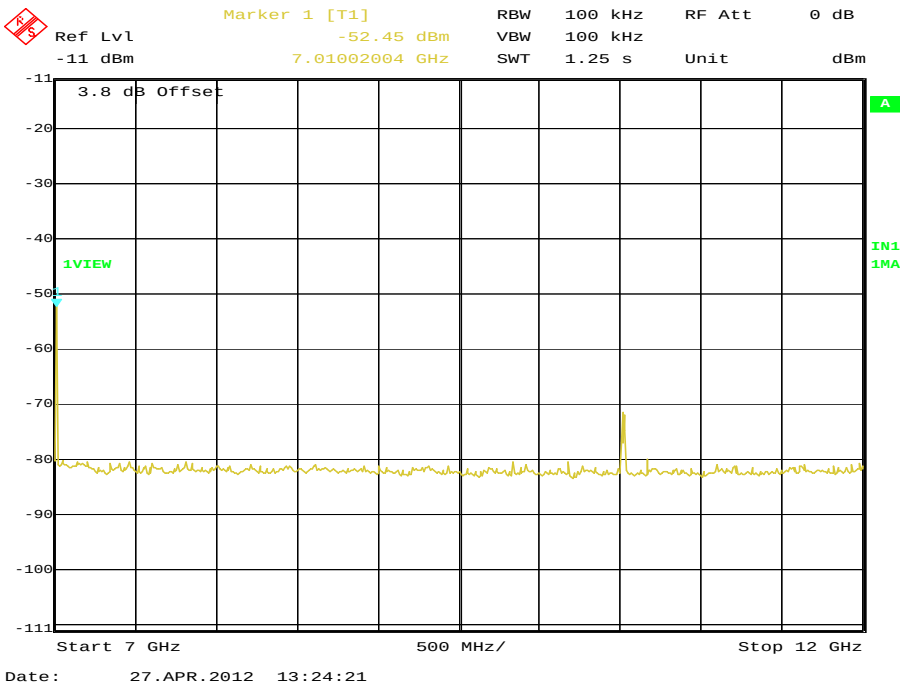
Frequency Band 2

5260 MHz

9 kHz to 7 GHz



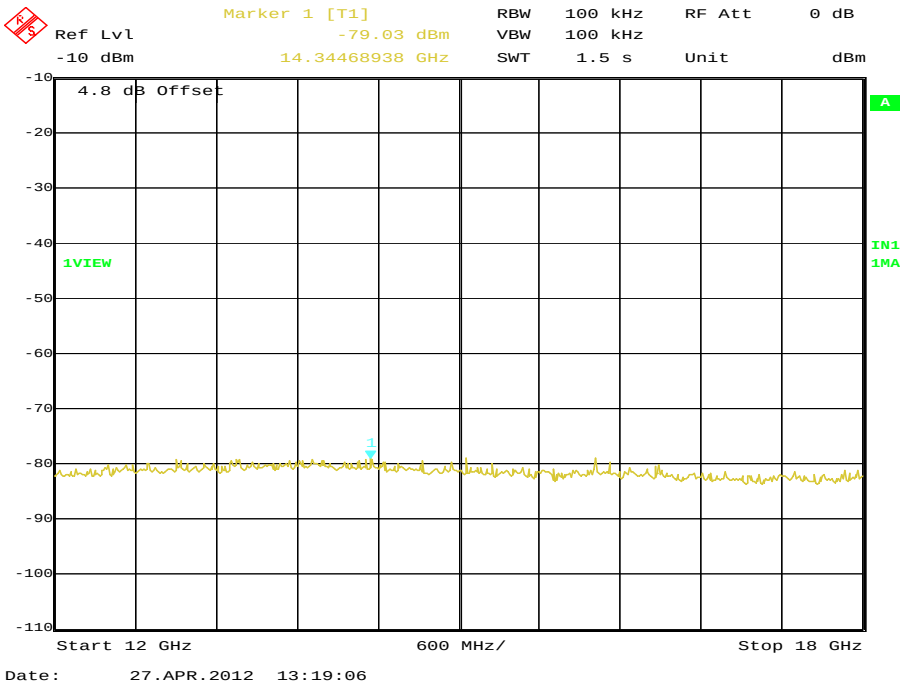
7 GHz to 12 GHz



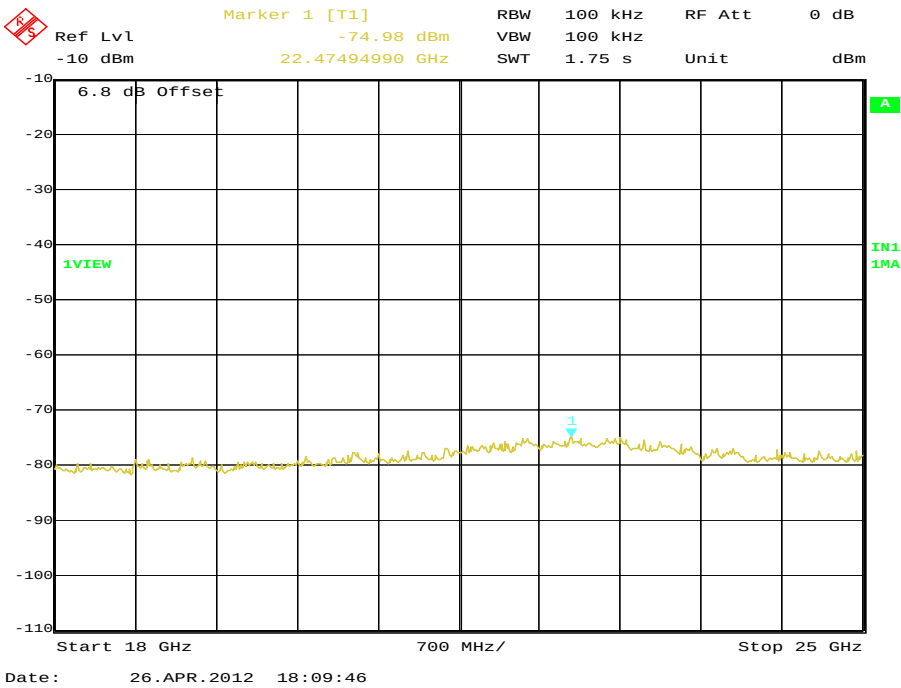


Product Service

12 GHz to 18 GHz



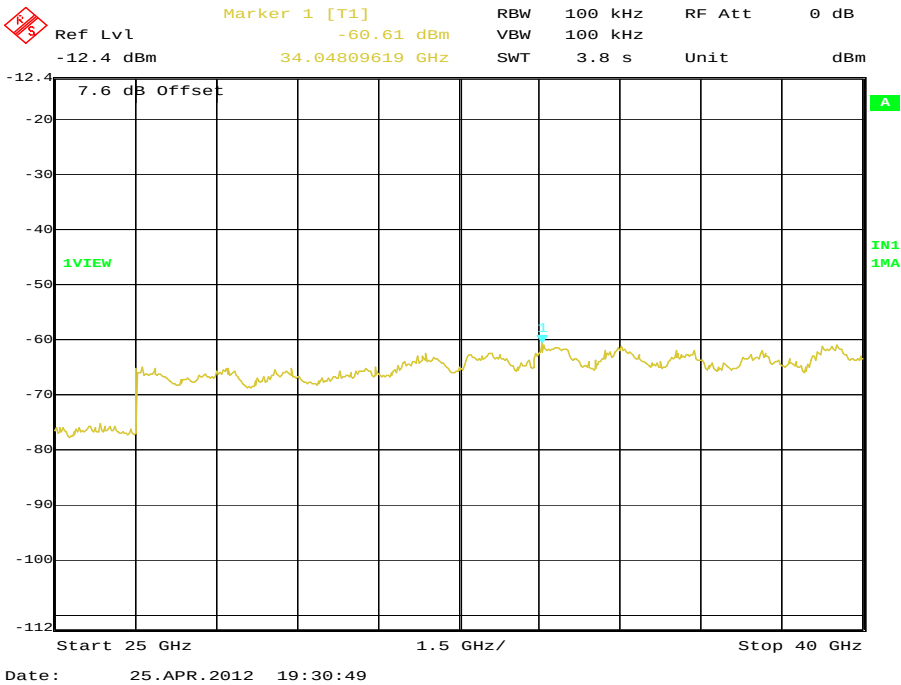
18 GHz to 25 GHz





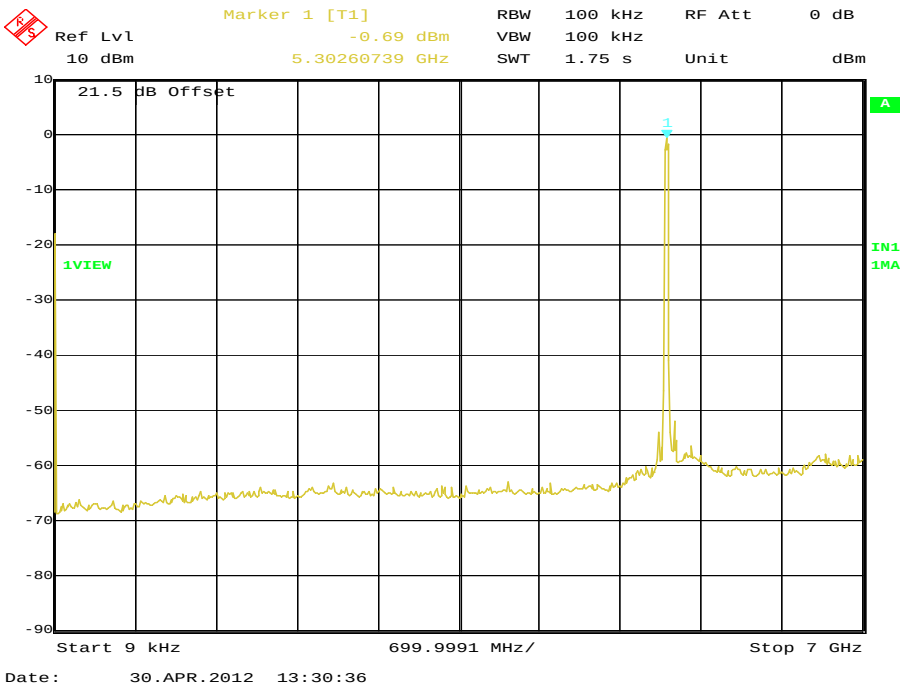
Product Service

25 GHz to 40 GHz



5300 MHz

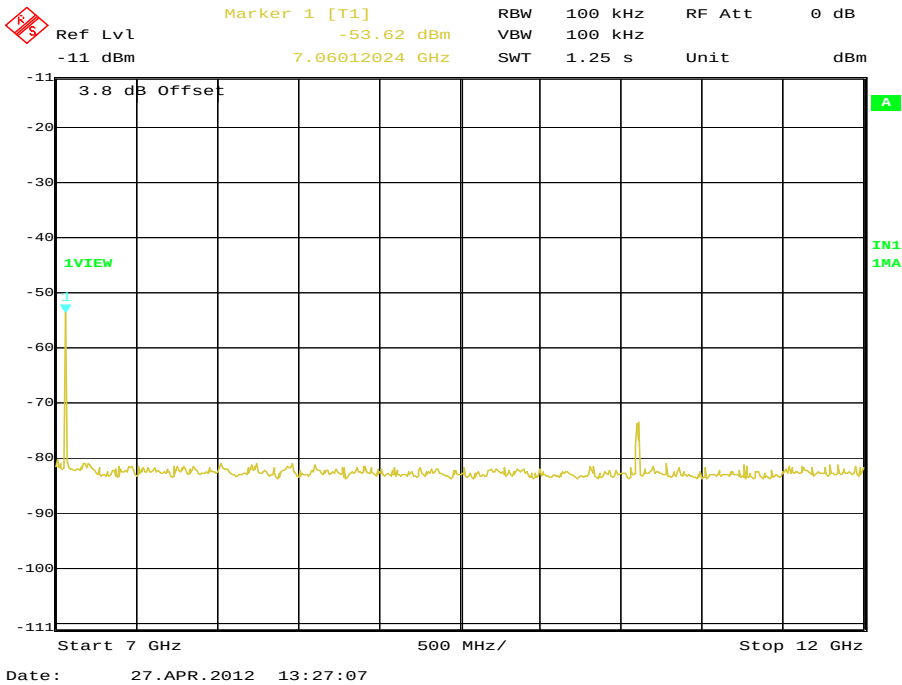
9 kHz to 7 GHz



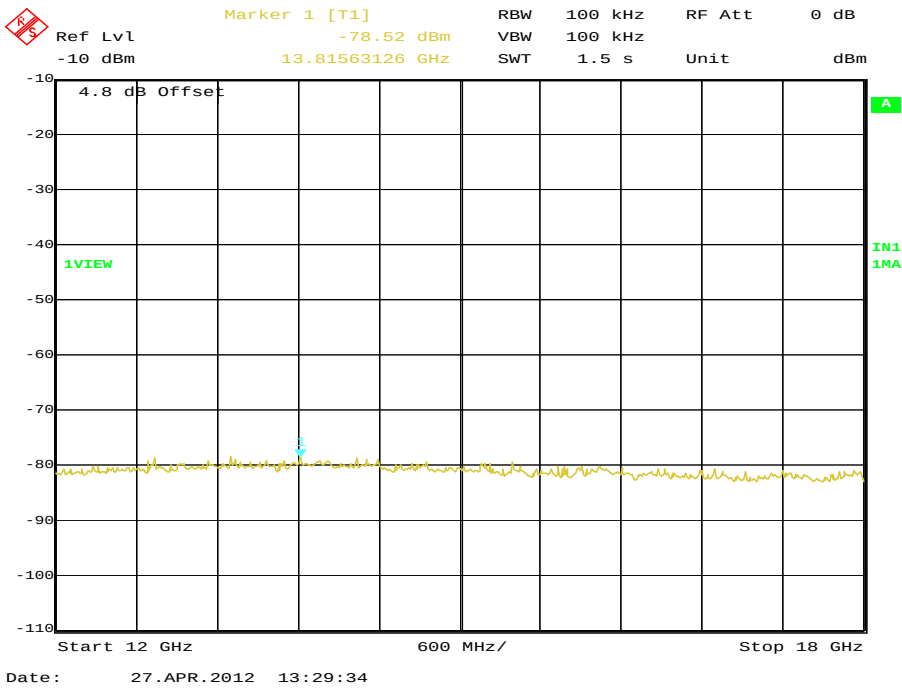


Product Service

7 GHz to 12 GHz



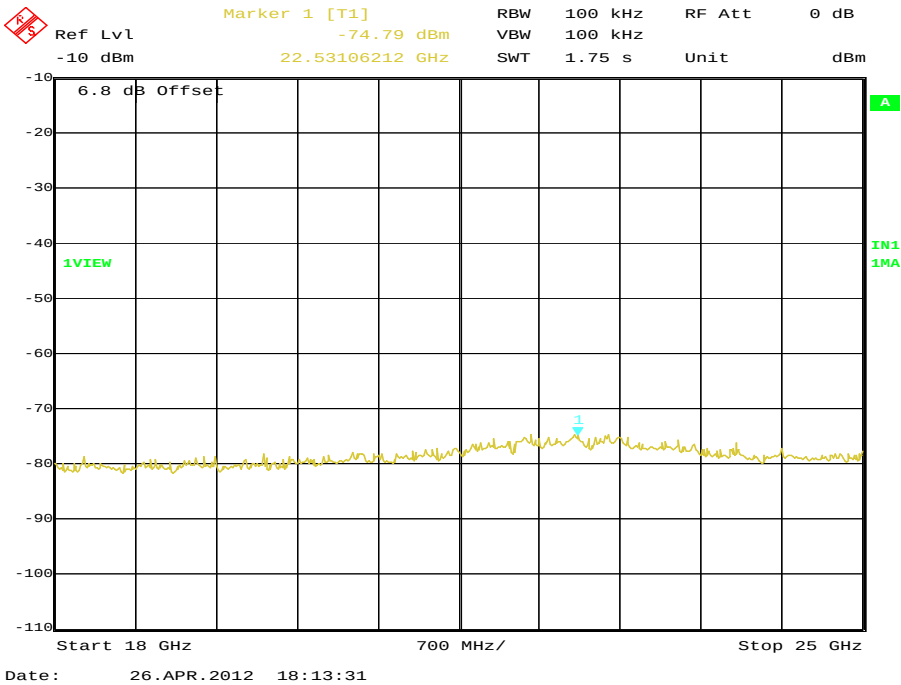
12 GHz to 18 GHz



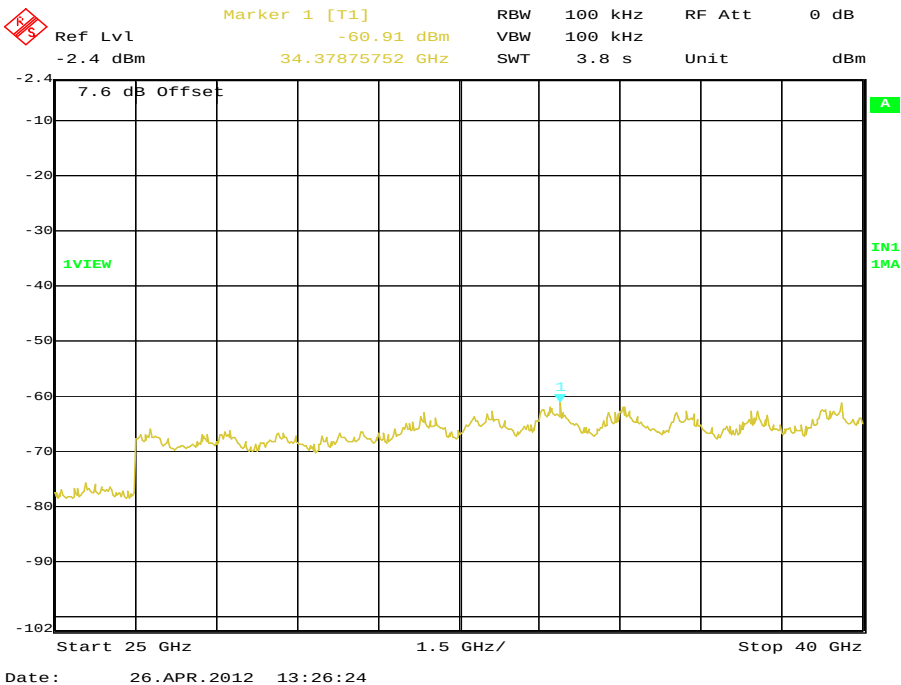


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

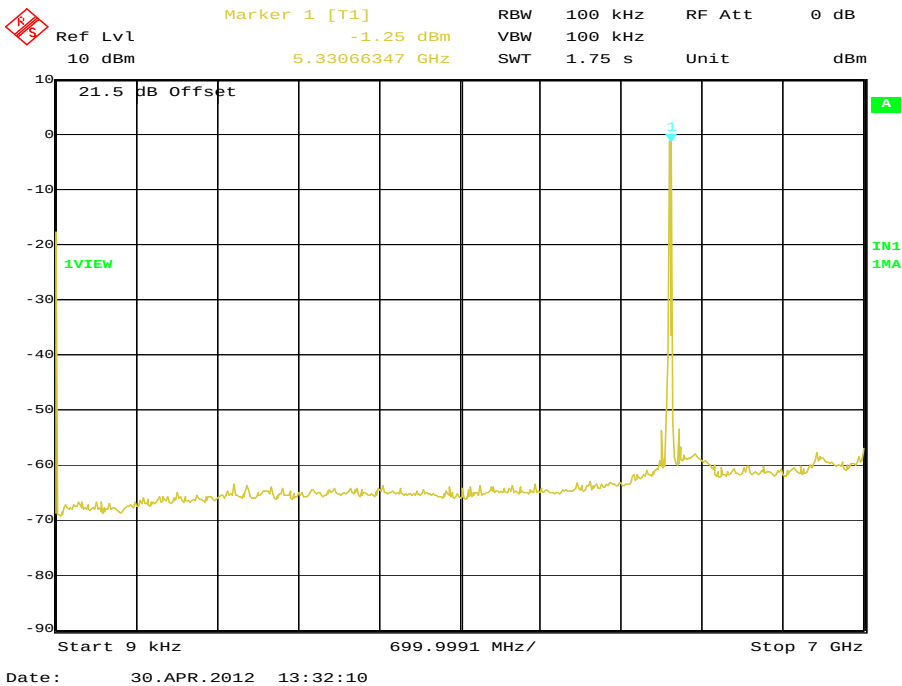




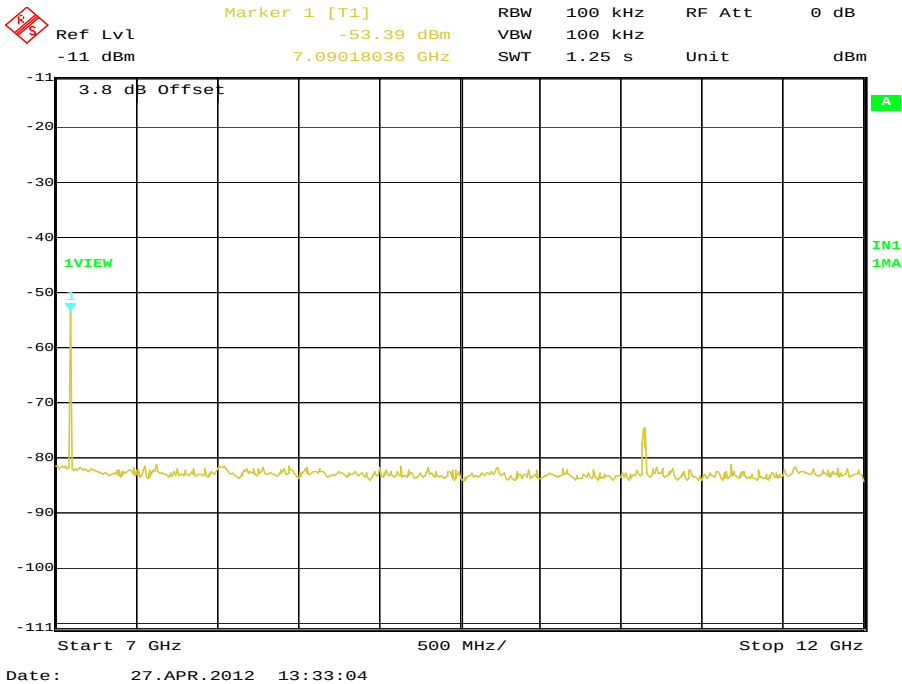
Product Service

5320 MHz

9 kHz to 7 GHz



7 GHz to 12 GHz

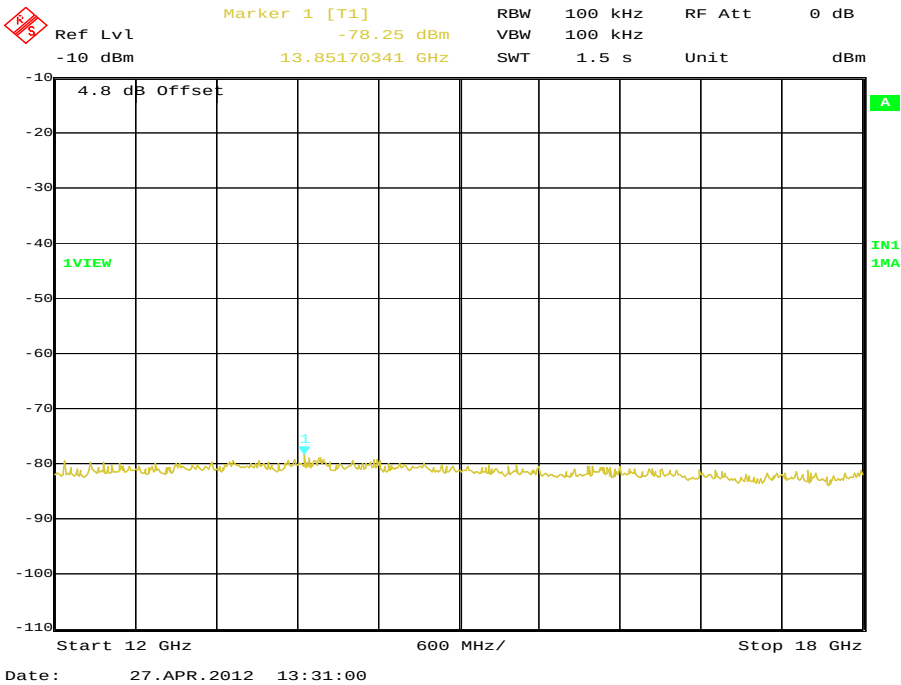




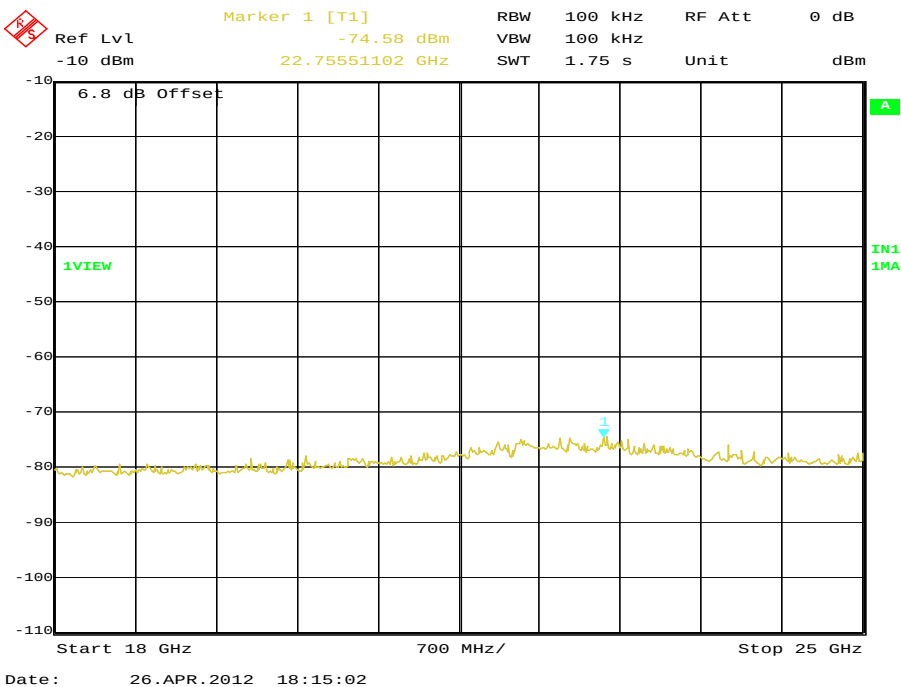


Product Service

12 GHz to 18 GHz



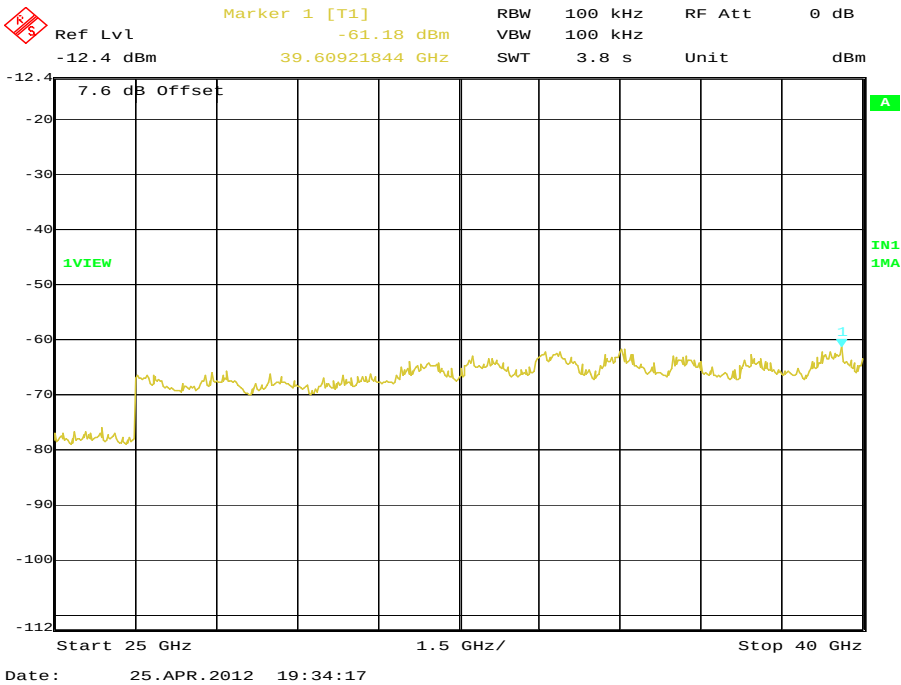
18 GHz to 25 GHz





Product Service

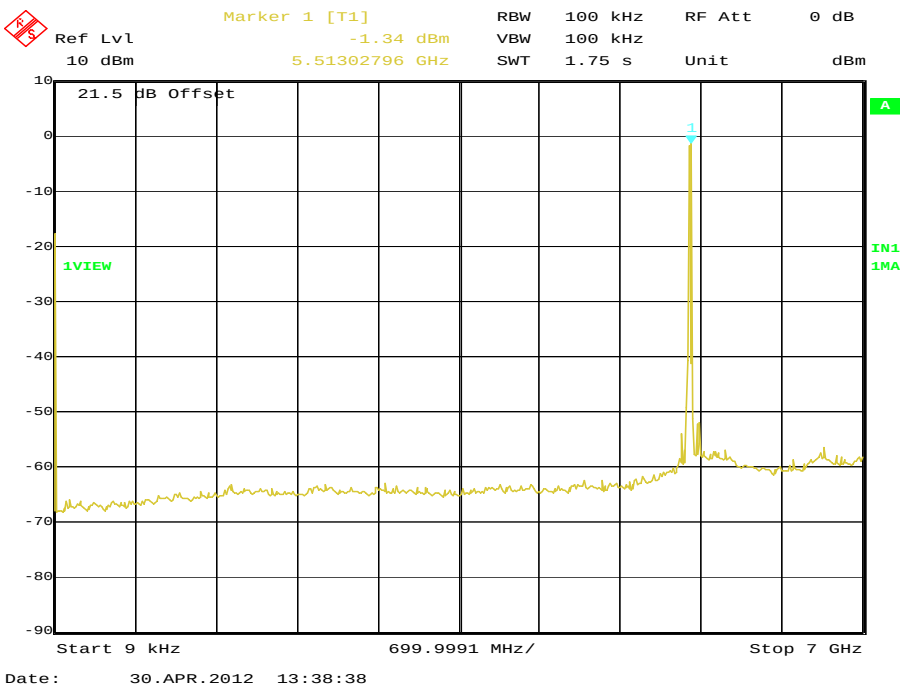
25 GHz to 40 GHz



Frequency Band 3

5500 MHz

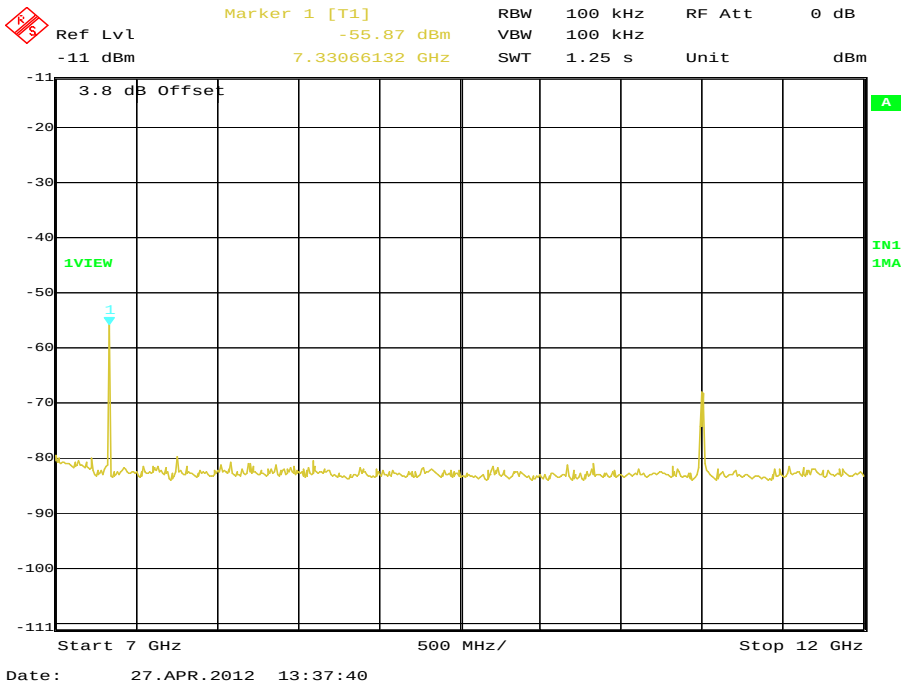
9 kHz to 7 GHz



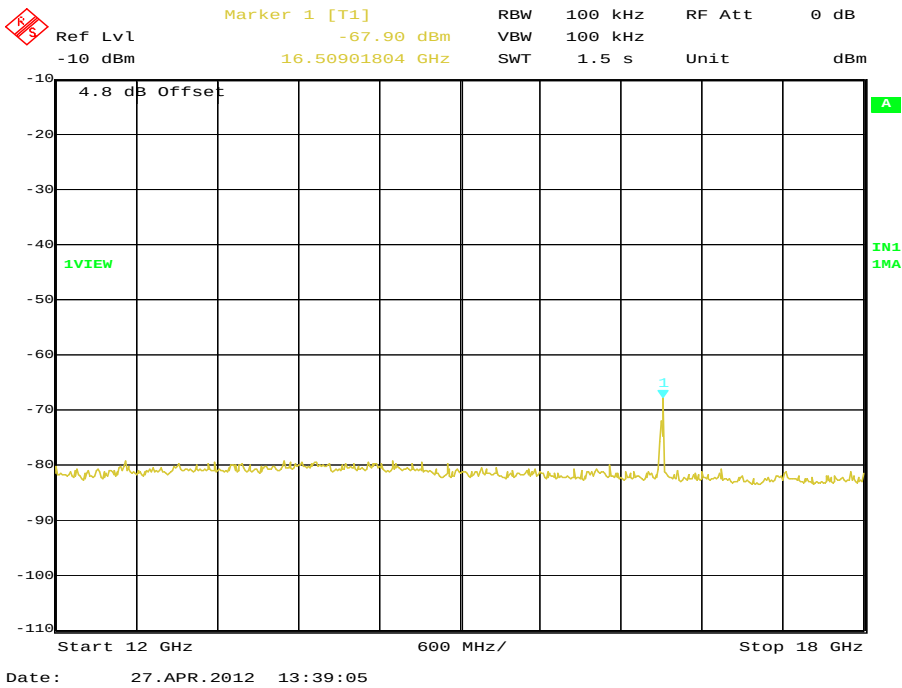


Product Service

7 GHz to 12 GHz



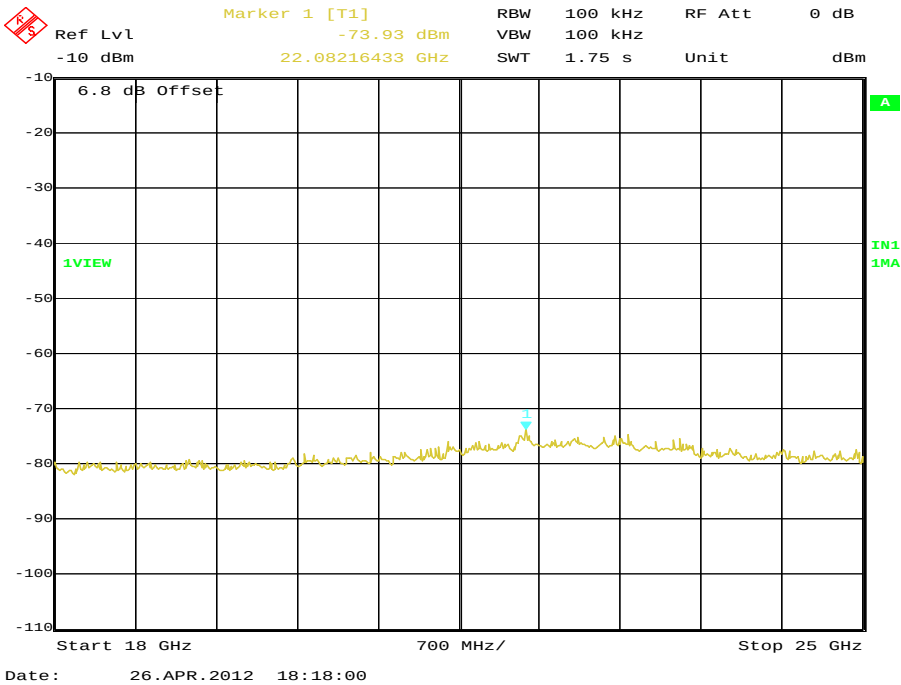
12 GHz to 18 GHz



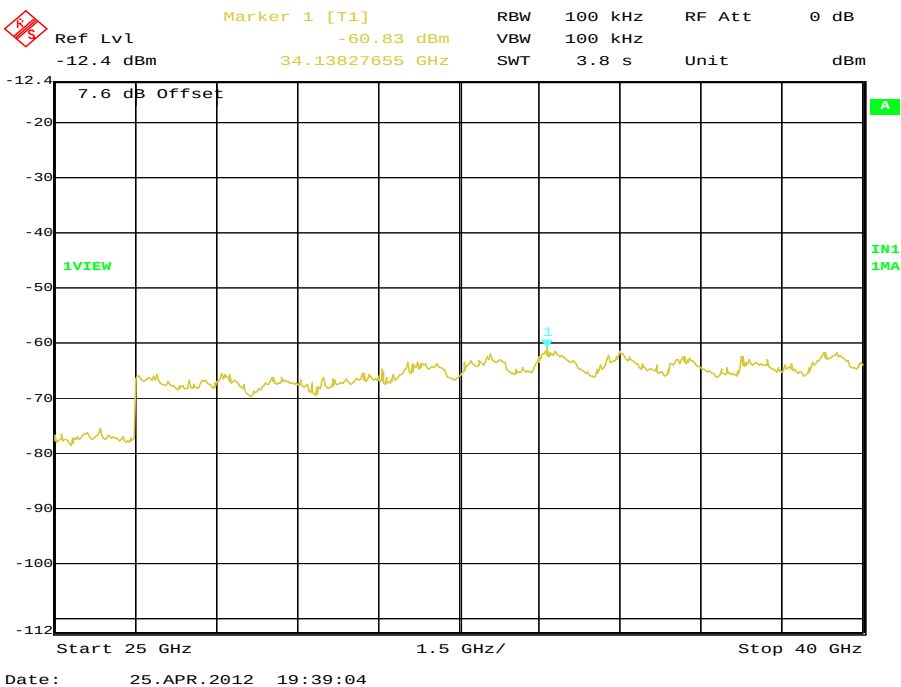


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

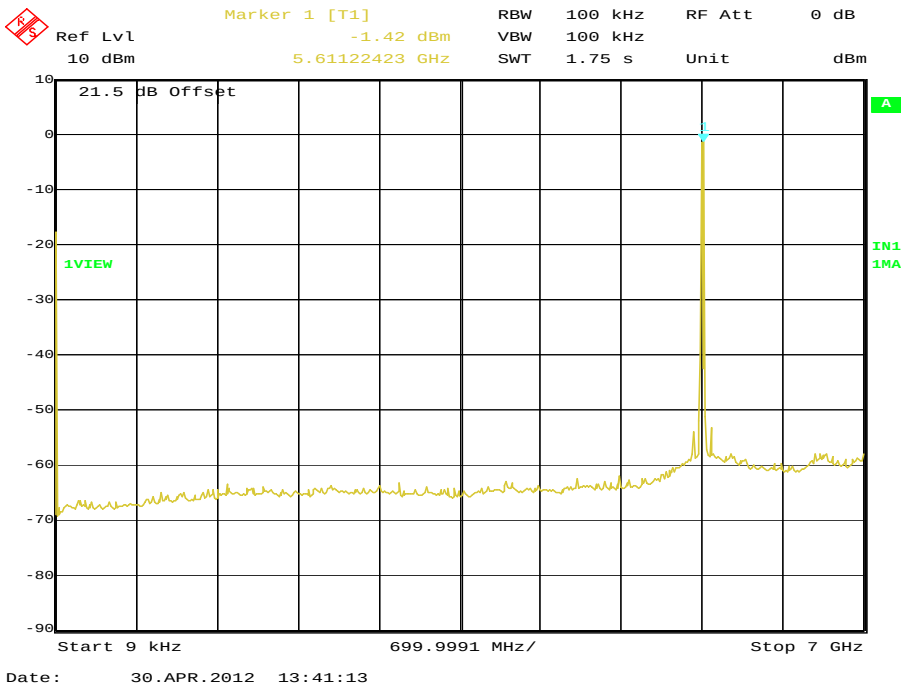




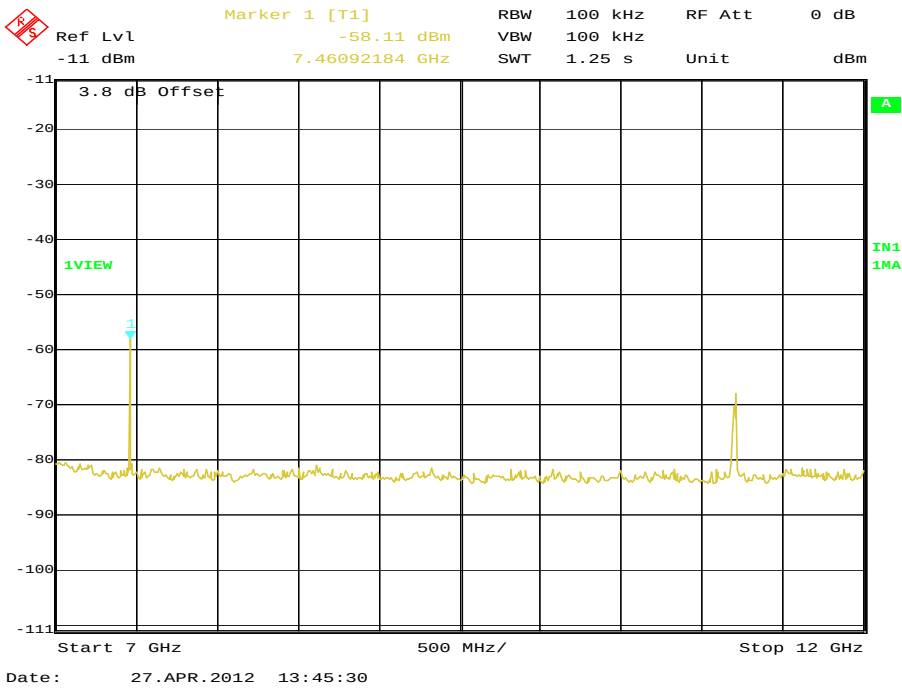
Product Service

5600 MHz

9 kHz to 7 GHz



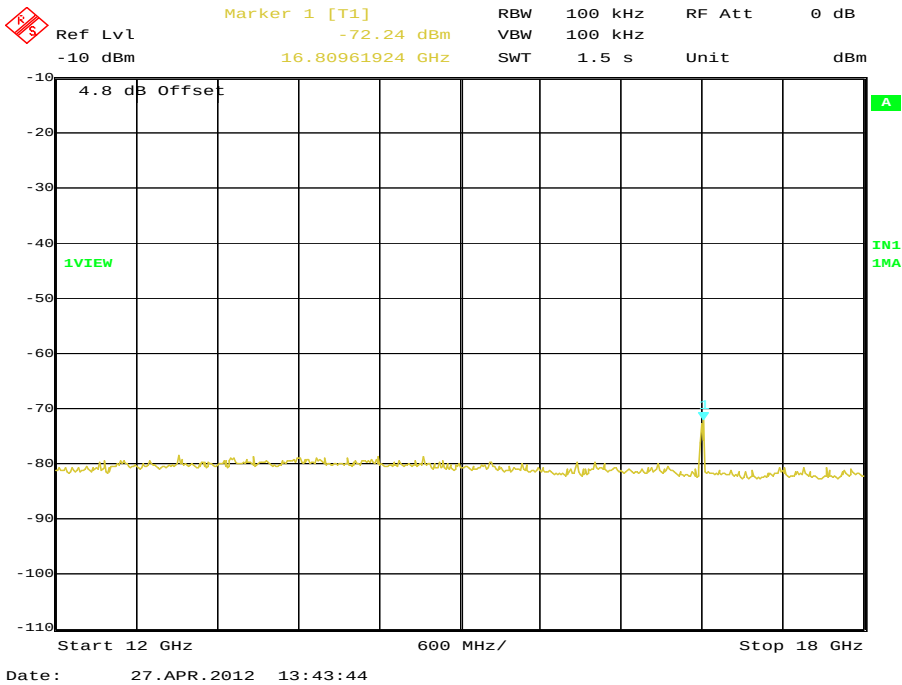
7 GHz to 12 GHz



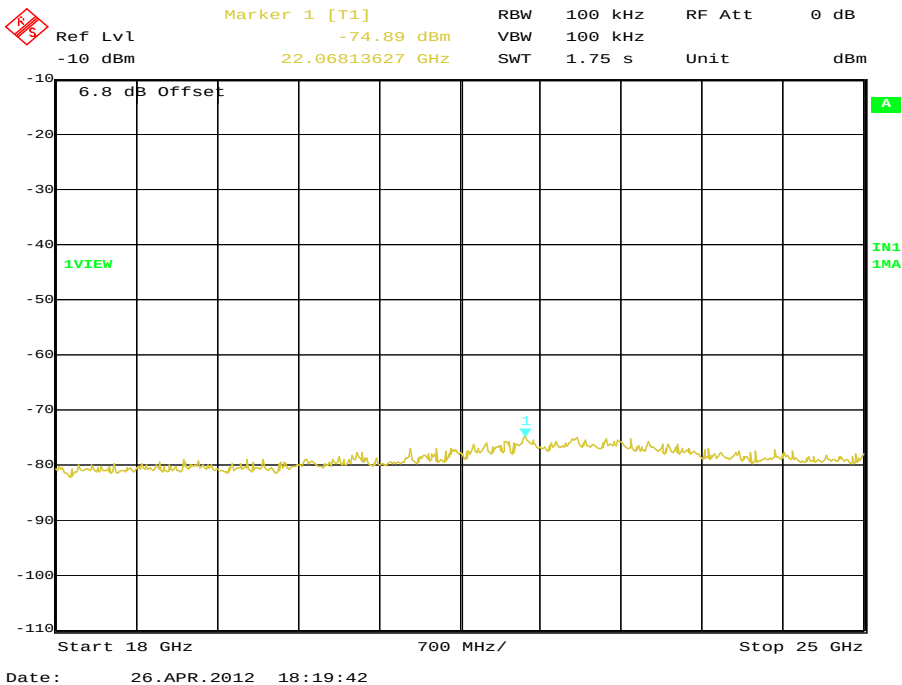


Product Service

12 GHz to 18 GHz



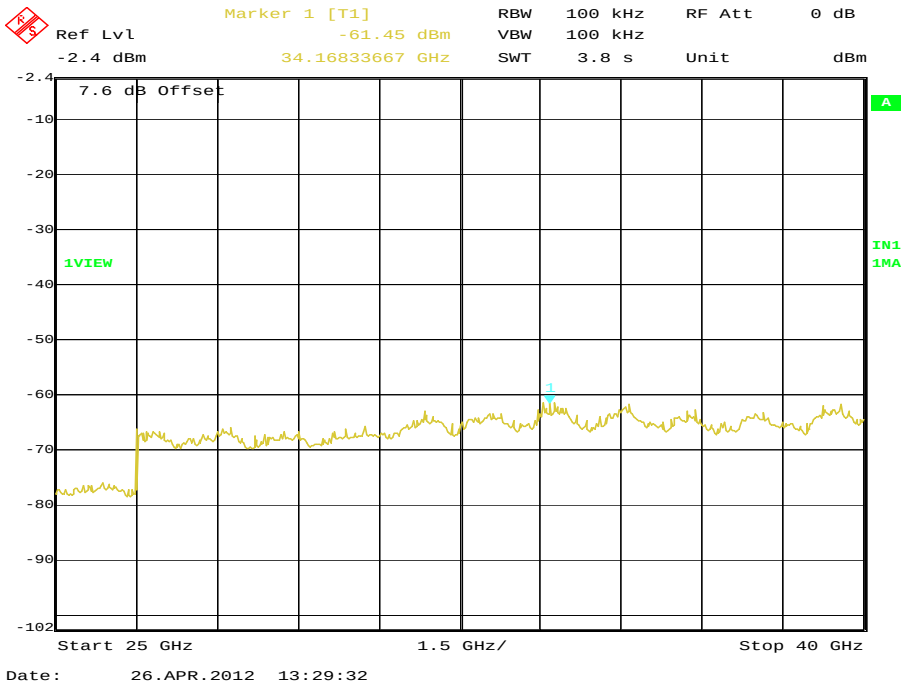
18 GHz to 25 GHz





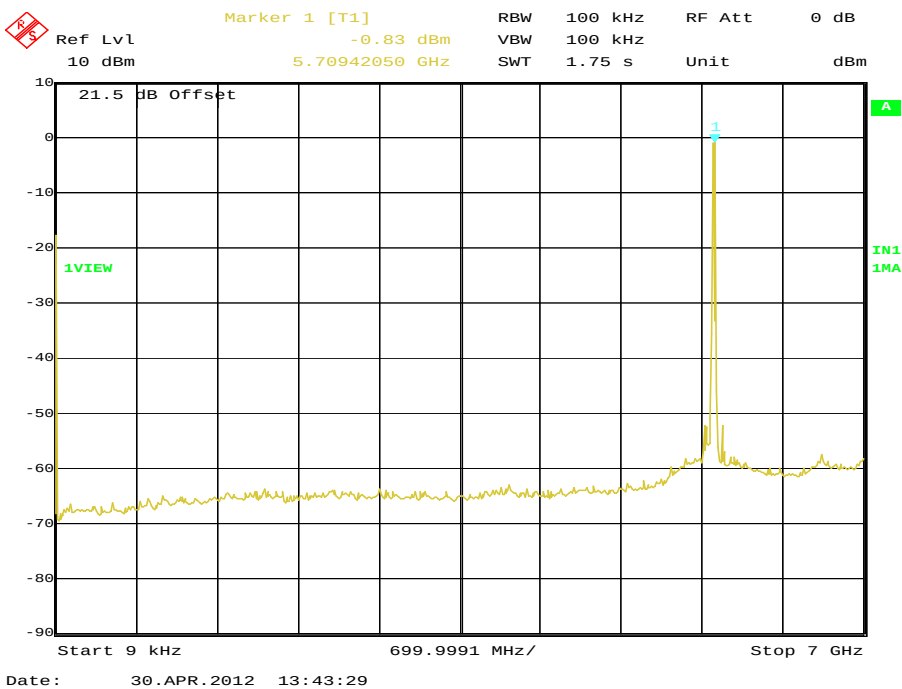
Product Service

25 GHz to 40 GHz



5700 MHz

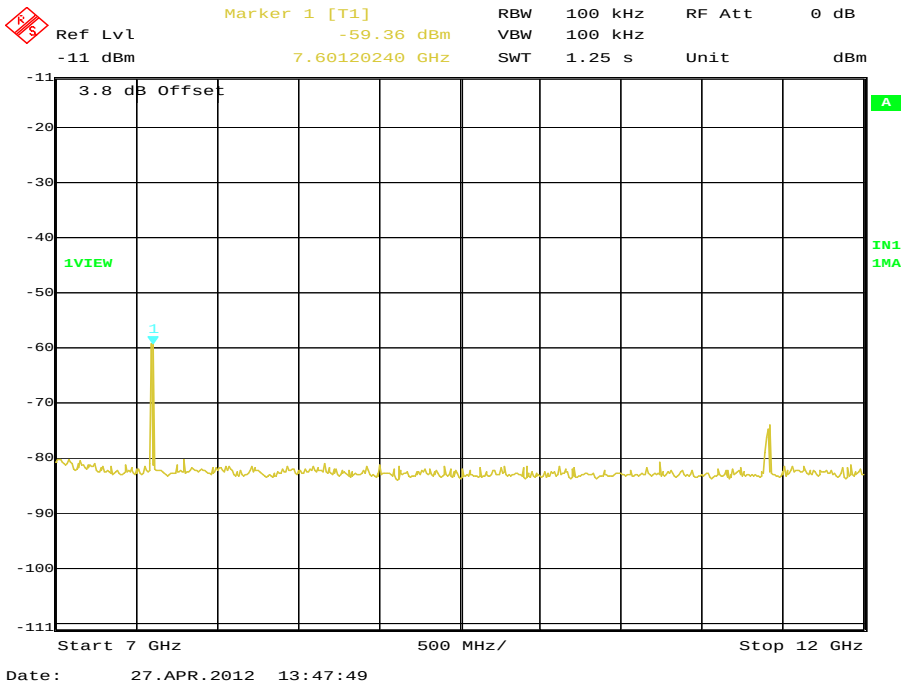
9 kHz to 7 GHz



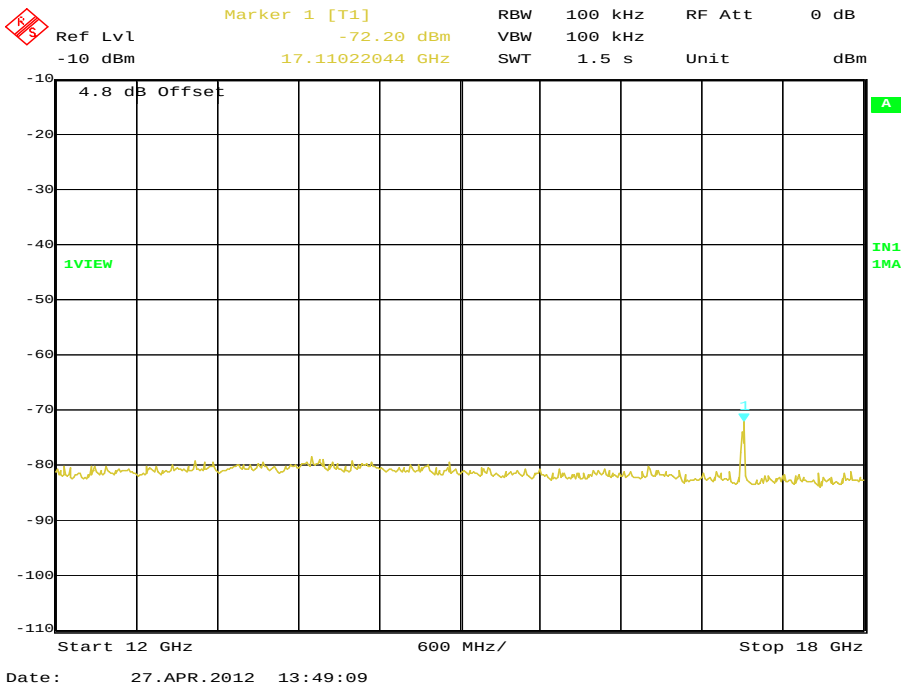


Product Service

7 GHz to 12 GHz



12 GHz to 18 GHz

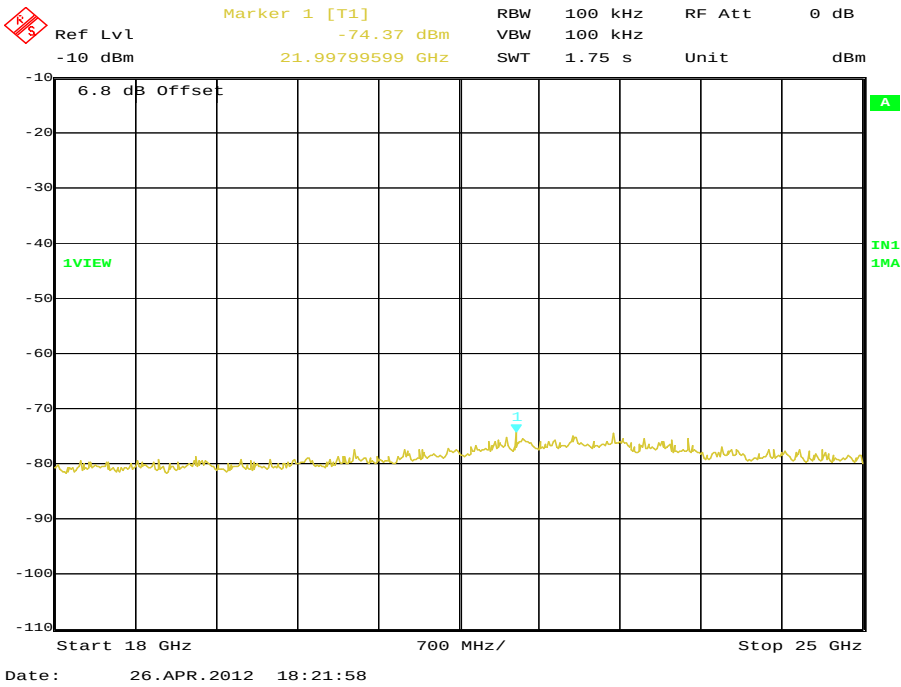




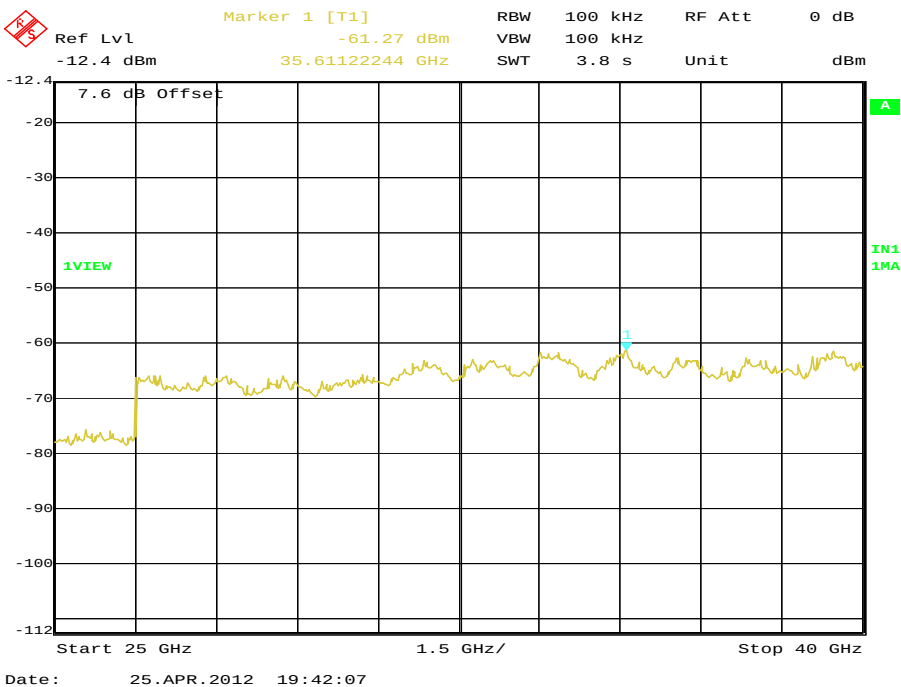


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz



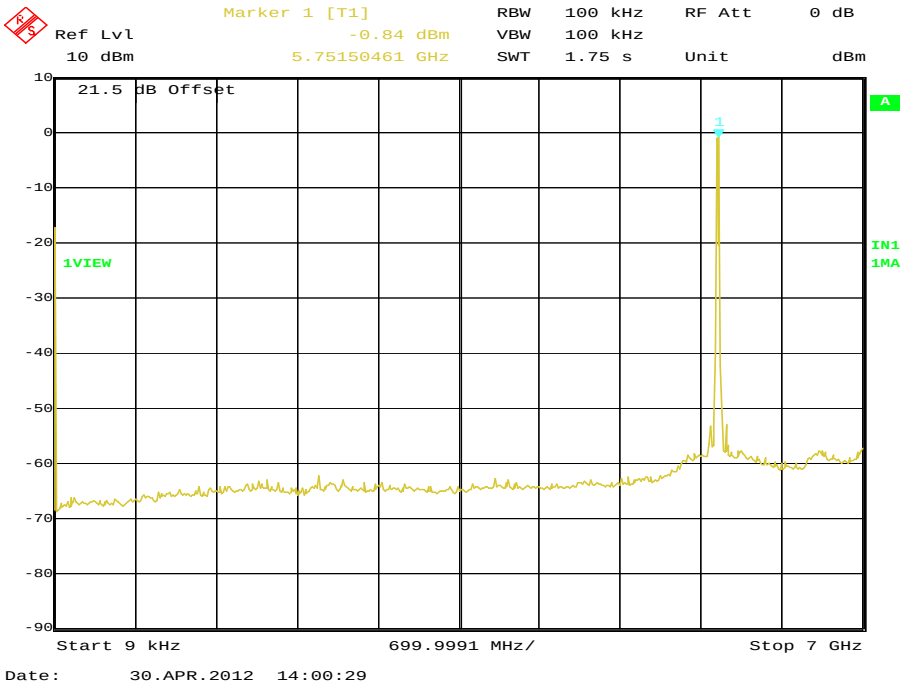


Product Service

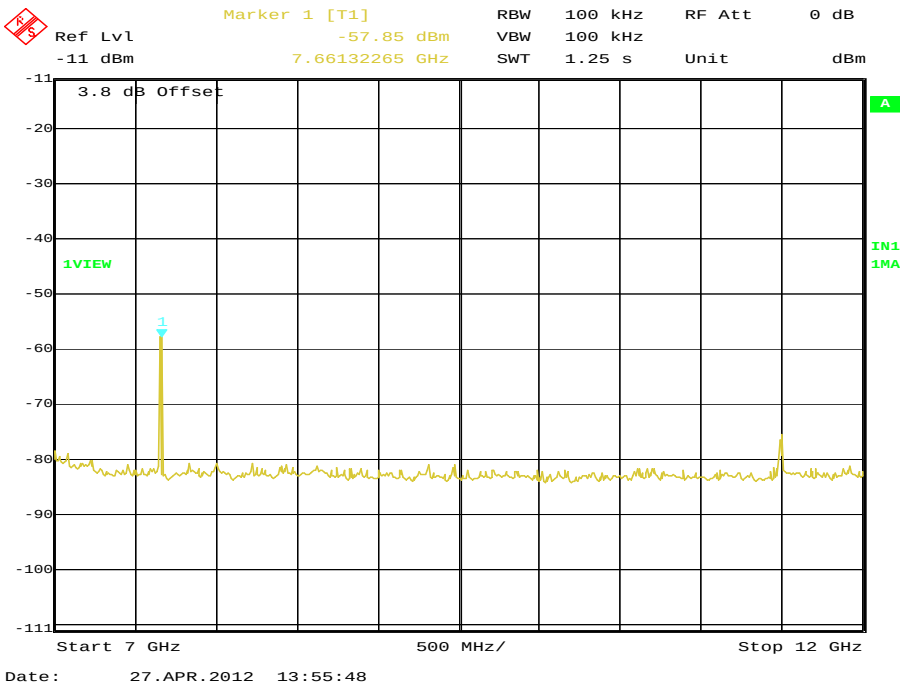
Frequency Band 4

5745 MHz

9 kHz to 7 GHz



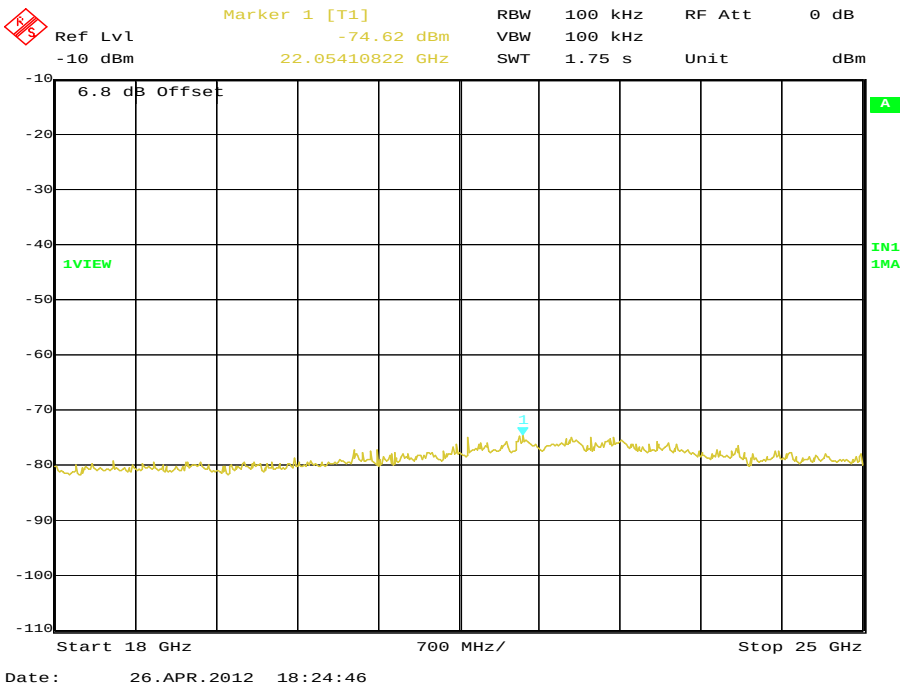
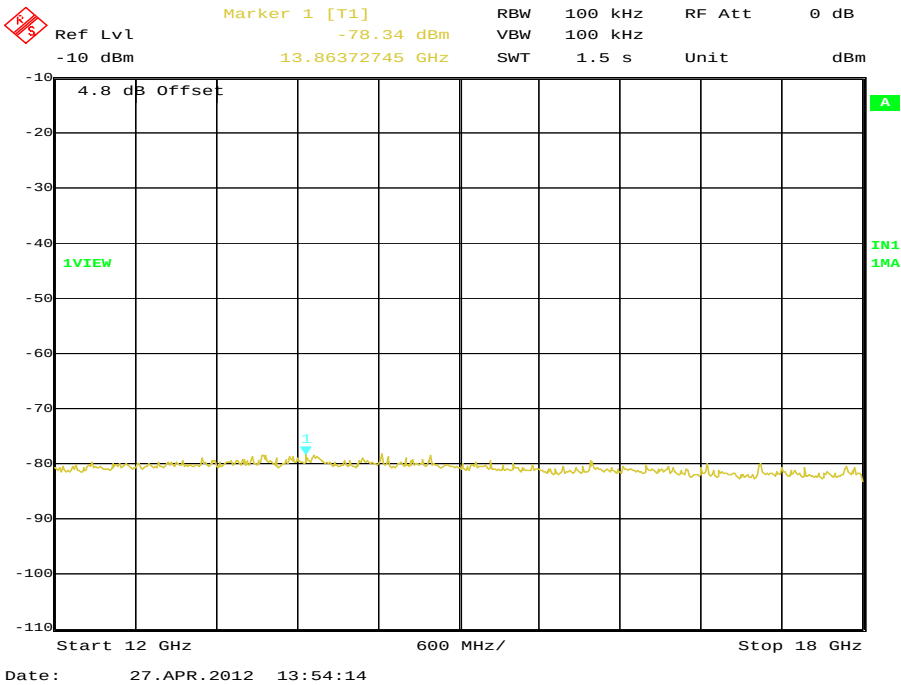
7 GHz to 12 GHz





Product Service

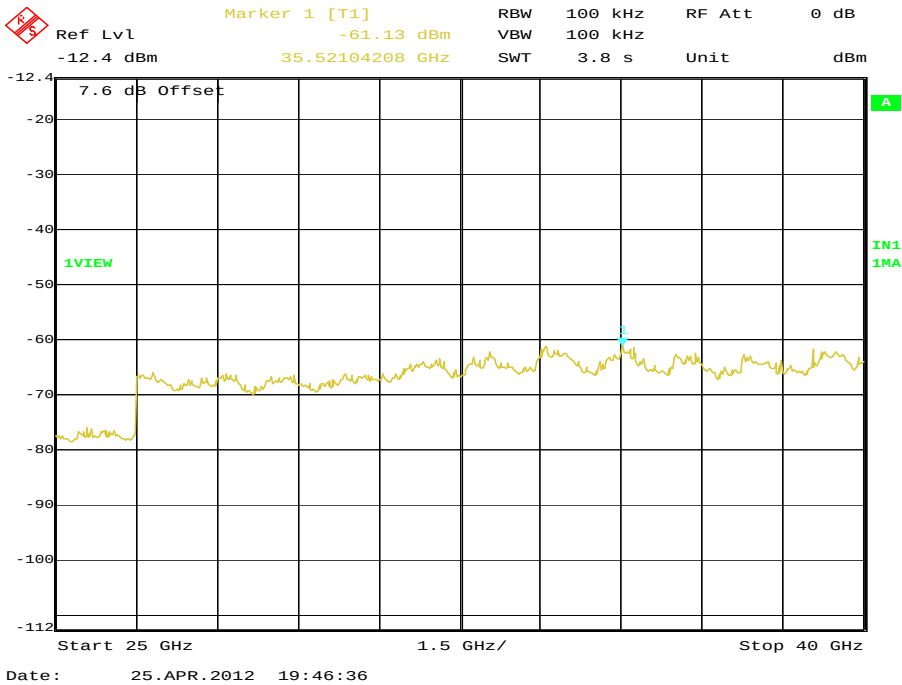
12 GHz to 18 GHz





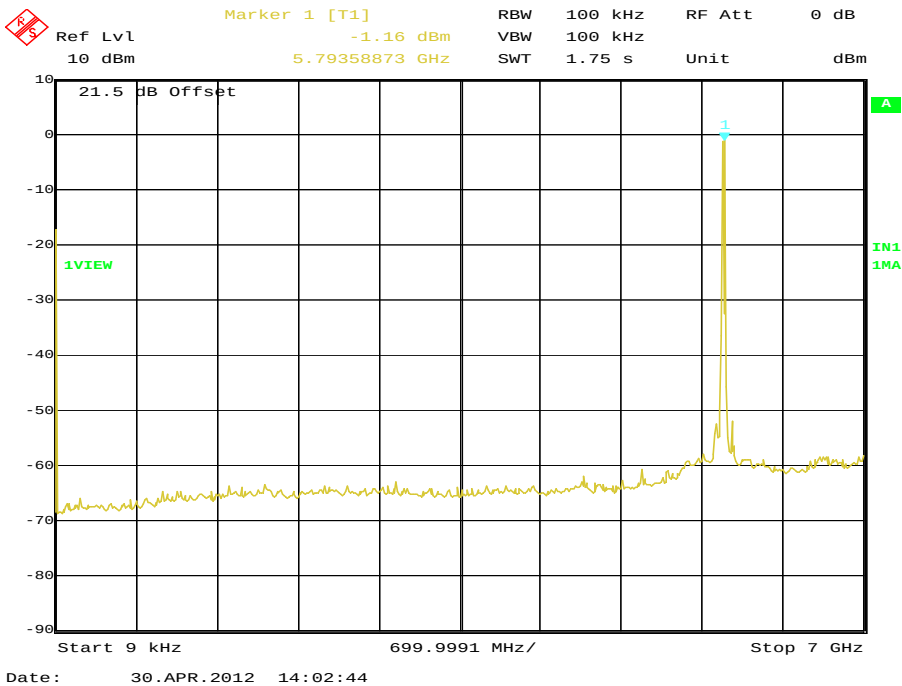
Product Service

25 GHz to 40 GHz



5785 MHz

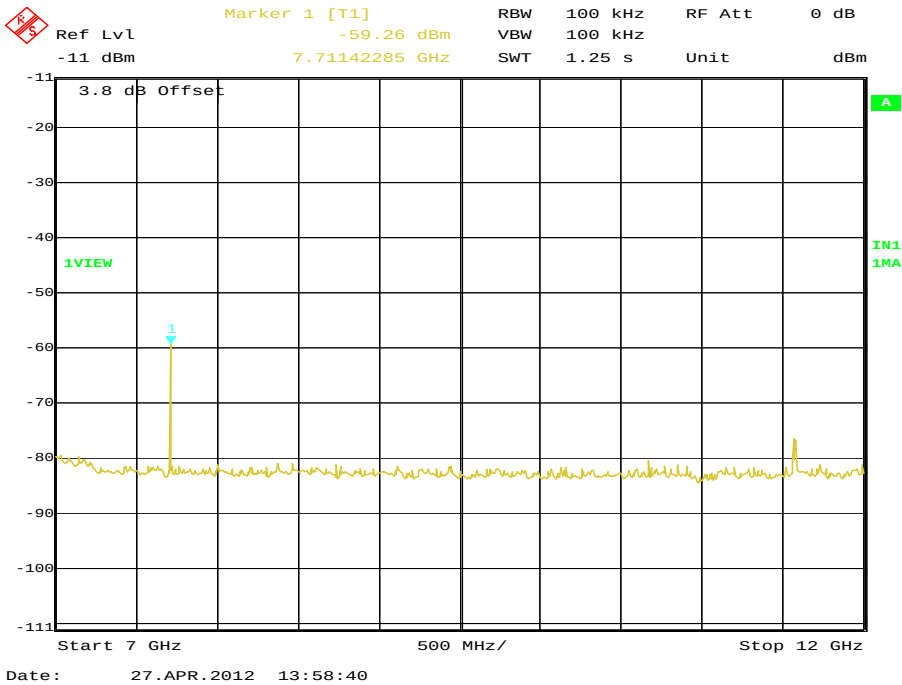
9 kHz to 7 GHz



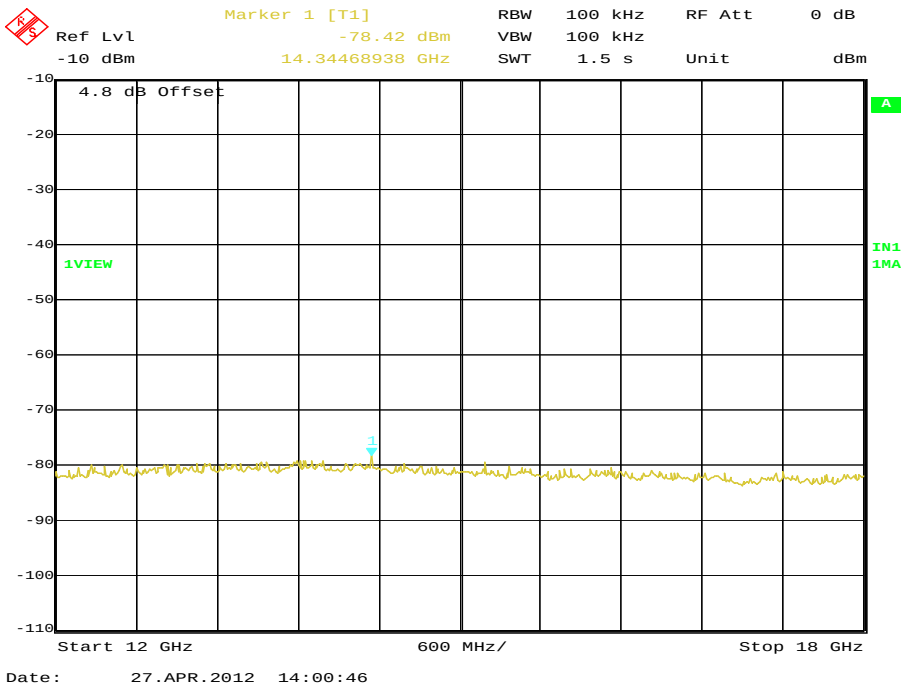


Product Service

7 GHz to 12 GHz



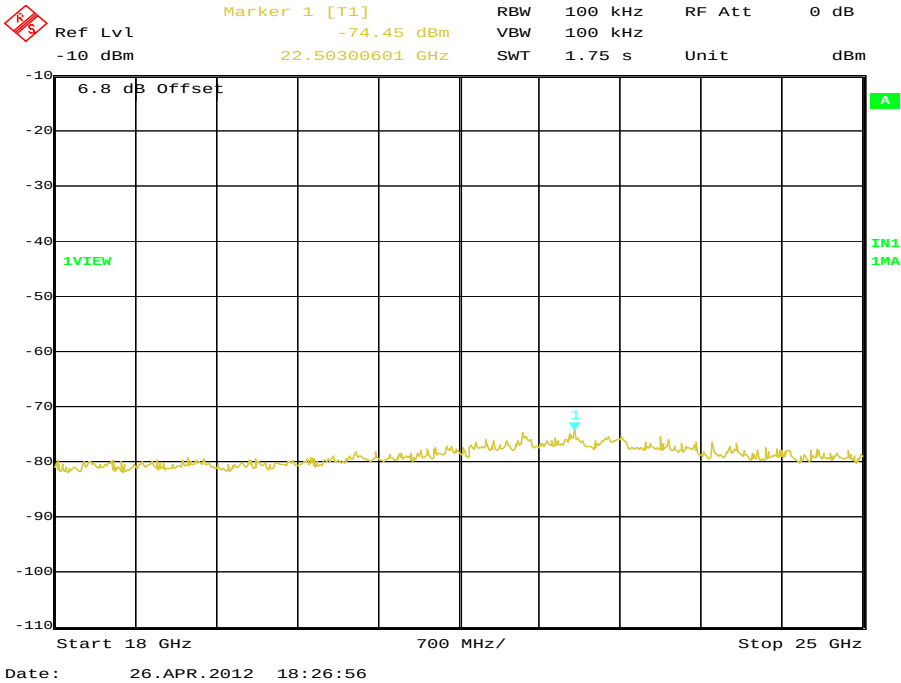
12 GHz to 18 GHz



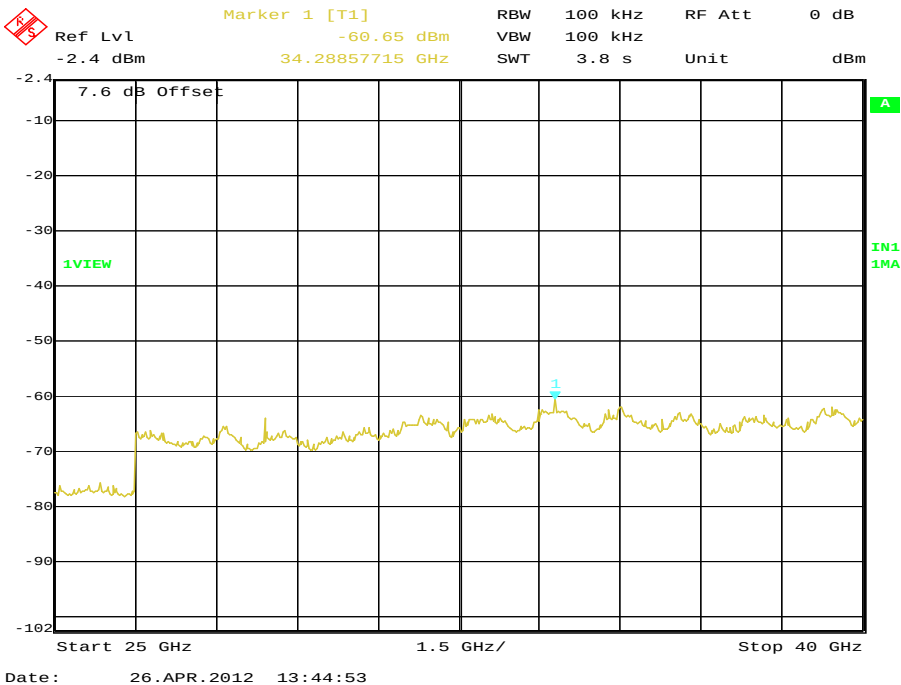


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

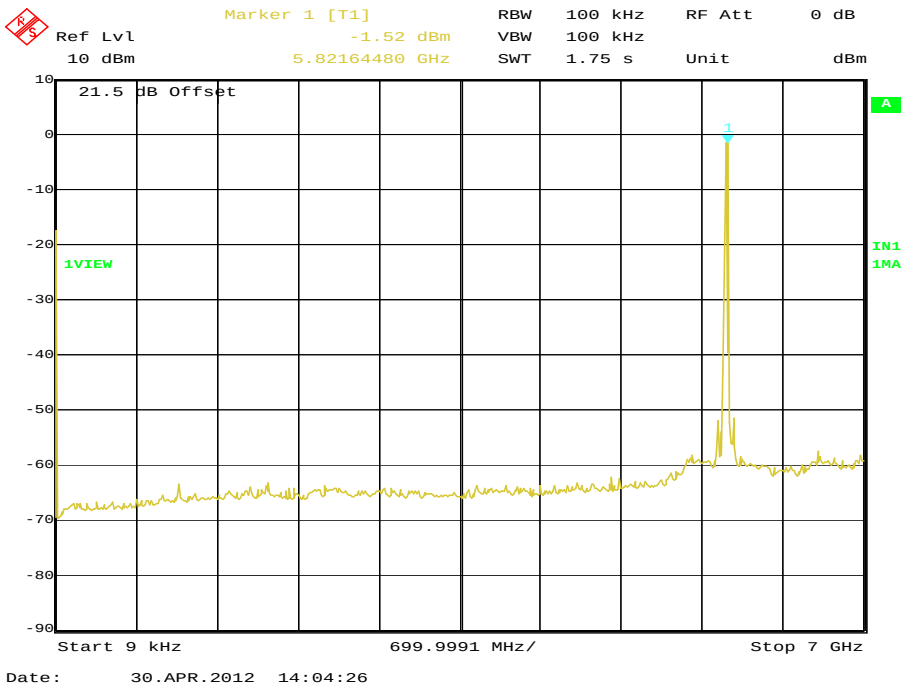




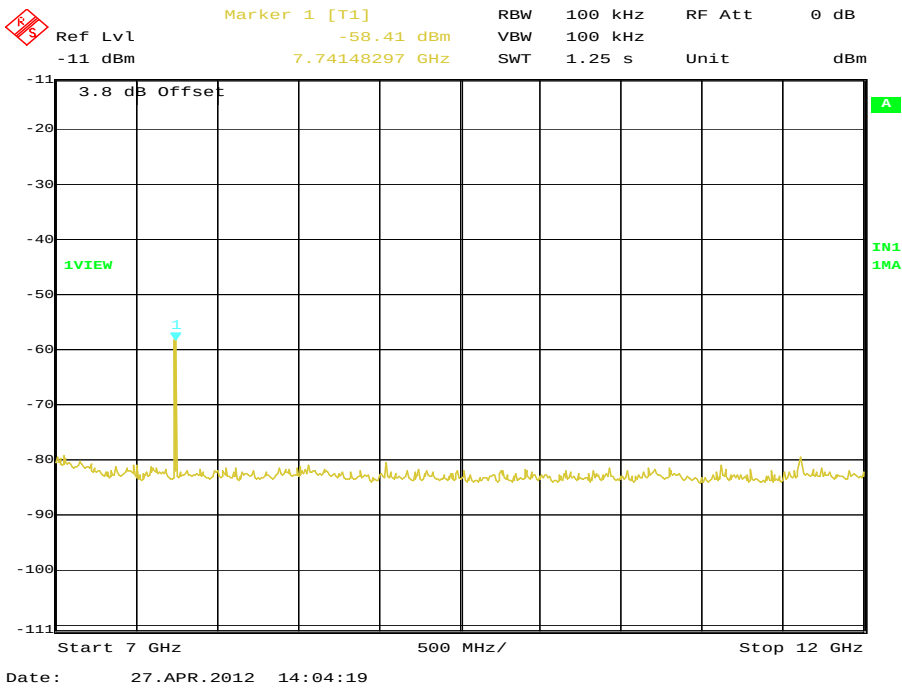
Product Service

5805 MHz

9 kHz to 7 GHz



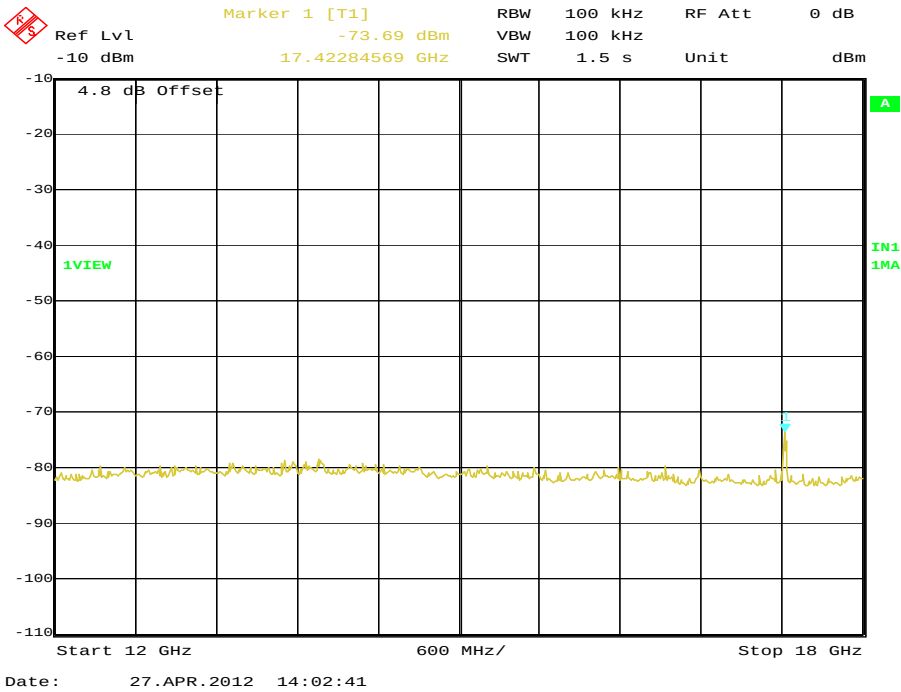
7 GHz to 12 GHz



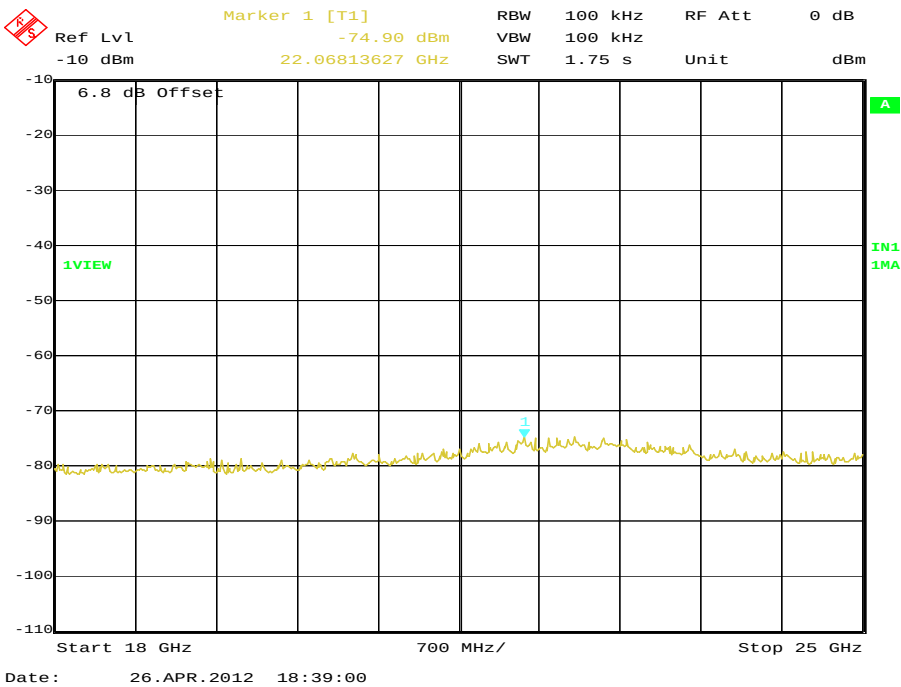


Product Service

12 GHz to 18 GHz



18 GHz to 25 GHz

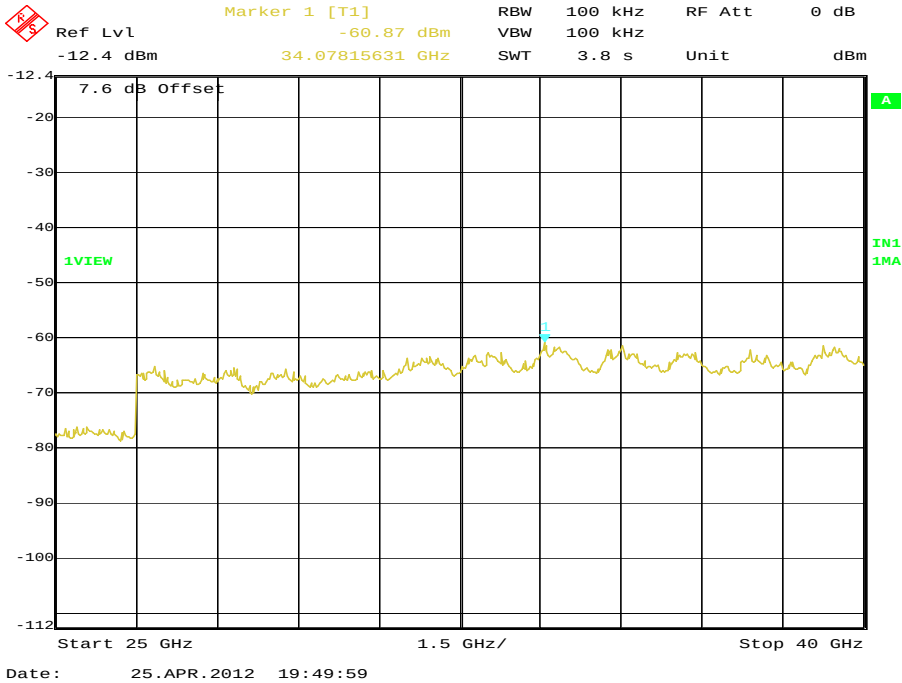






Product Service

25 GHz to 40 GHz



Limit Clause

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval the attenuation required shall be 30 dB instead of 20 dB.



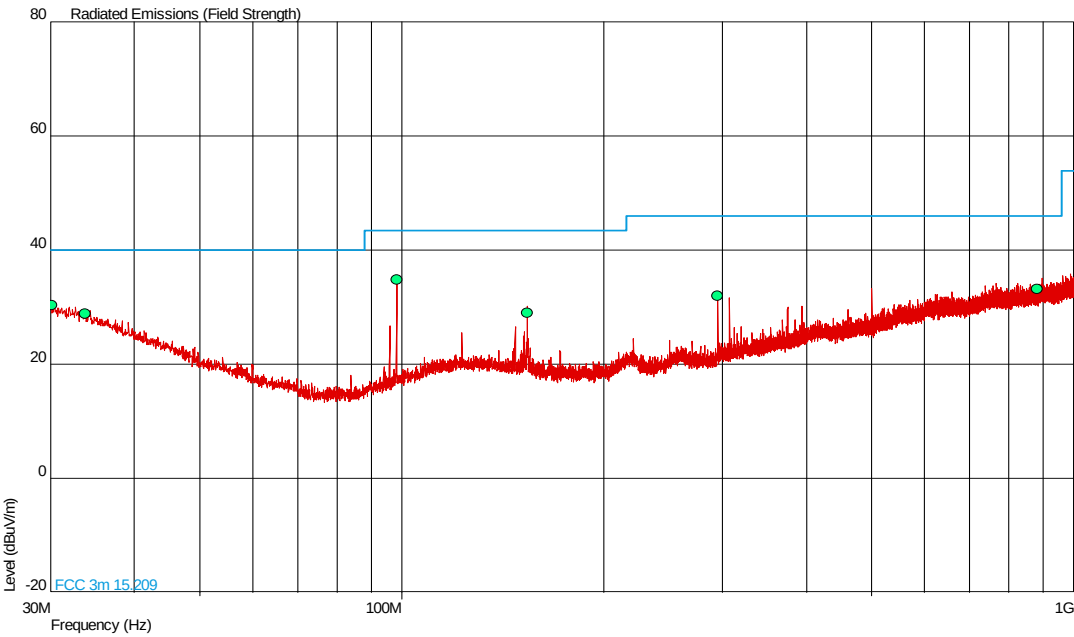
Product Service

Spurious Radiated Emissions

Frequency Band 1

5180 MHz

30 MHz to 1 GHz

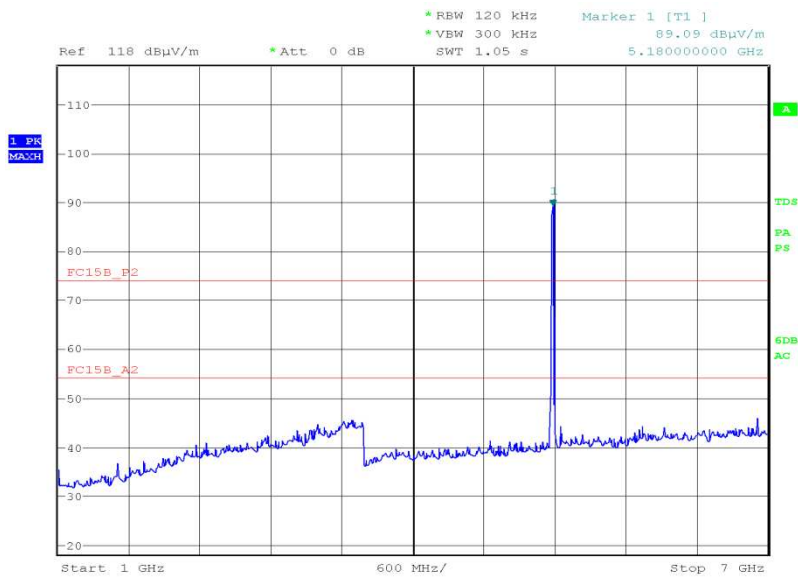


| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity   |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|------------|
| 30.200          | 30.4              | 33.1            | 40.0              | 100             | -9.6               | 66.9             | 260         | 1.00      | Vertical   |
| 33.838          | 28.9              | 27.9            | 40.0              | 100             | -11.1              | 72.1             | 233         | 1.00      | Horizontal |
| 98.294          | 34.9              | 55.6            | 43.5              | 150             | -8.6               | 94.4             | 267         | 1.00      | Vertical   |
| 153.574         | 29.0              | 28.2            | 43.5              | 150             | -14.5              | 121.8            | 75          | 1.00      | Vertical   |
| 294.901         | 32.0              | 39.8            | 46.0              | 200             | -14.0              | 160.2            | 186         | 1.00      | Horizontal |
| 880.860         | 33.2              | 45.7            | 46.0              | 200             | -12.8              | 154.3            | 198         | 2.10      | Vertical   |



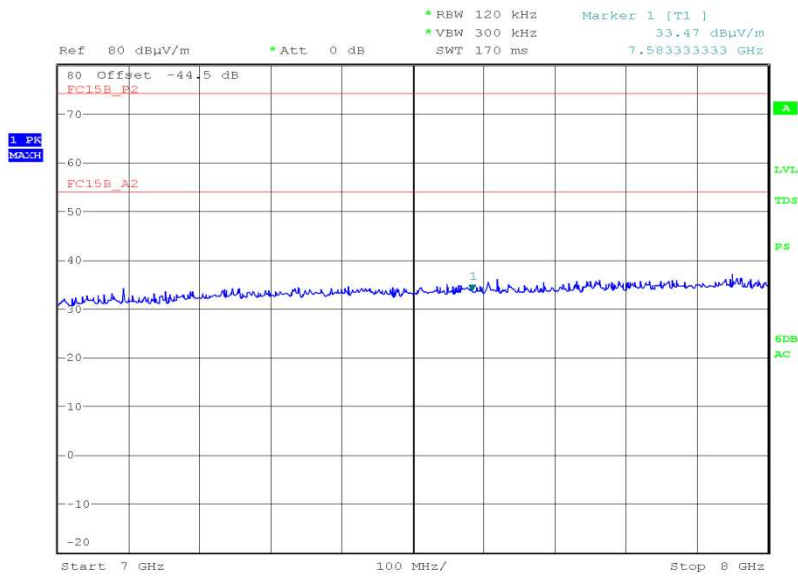
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 19:05:48

7 GHz to 8 GHz

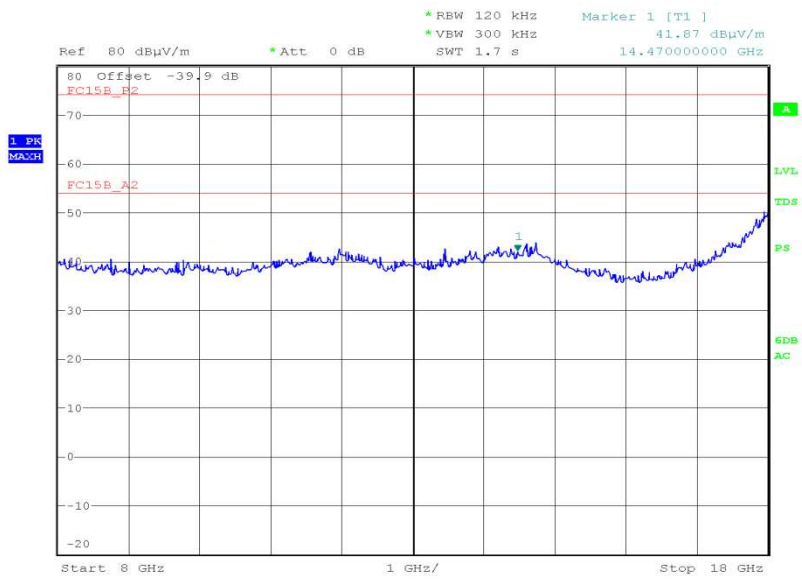


Date: 14.MAR.2012 19:01:54



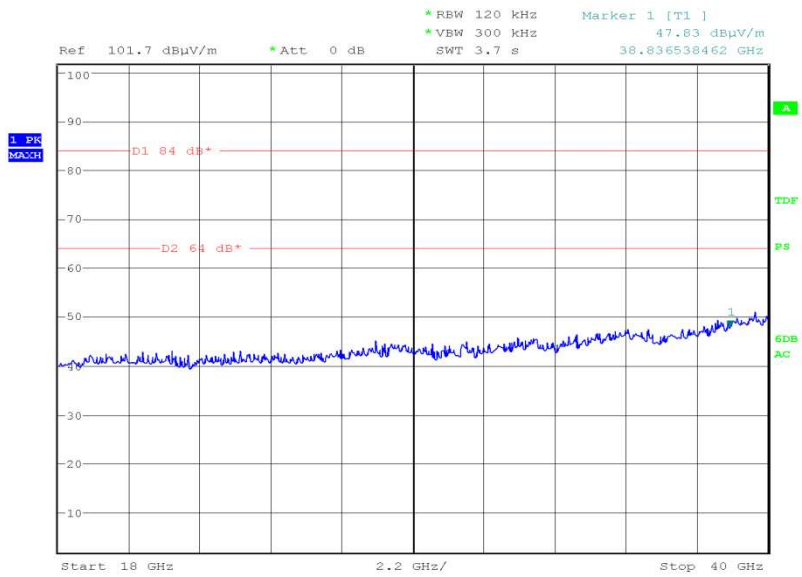
Product Service

8 GHz to 18 GHz



Date: 15.MAR.2012 00:11:09

18 GHz to 40 GHz



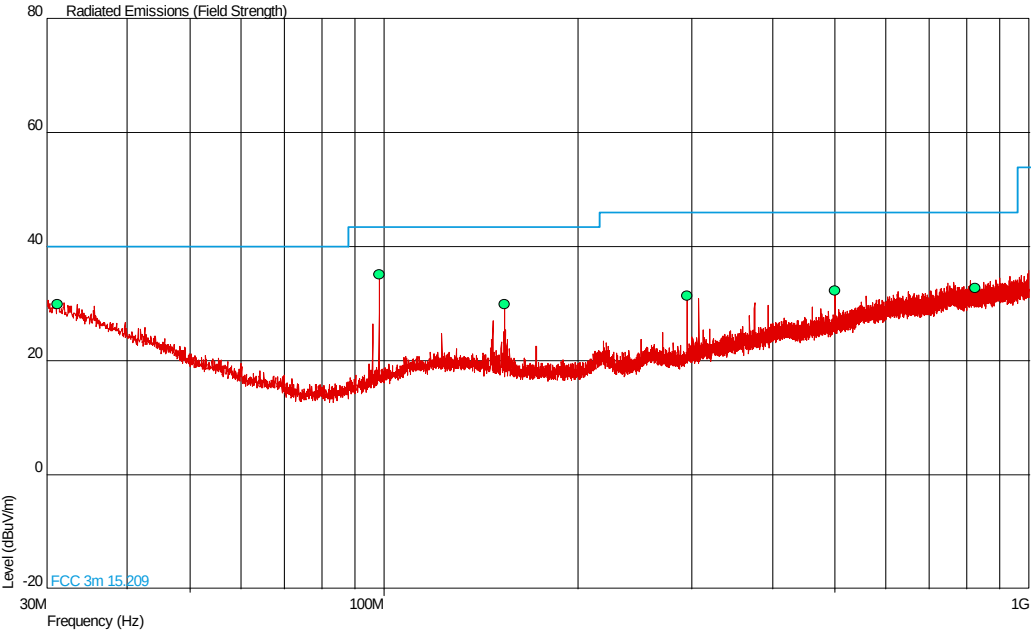
Date: 3.APR.2012 21:33:26



Product Service

5220 MHz

30 MHz to 1 GHz

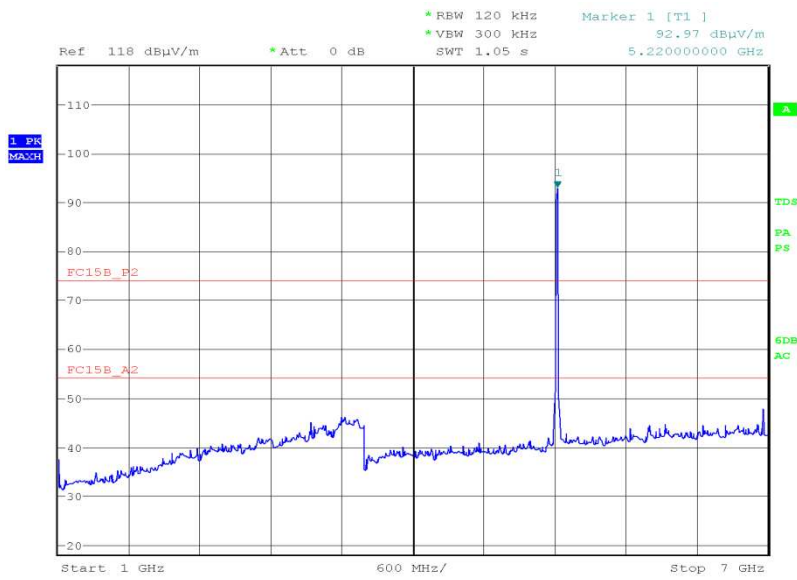


| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity   |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|------------|
| 31.131          | 30.0              | 31.6            | 40.0              | 100             | -10.0              | 68.4             | 130         | 1.00      | Vertical   |
| 98.309          | 35.1              | 56.9            | 43.5              | 150             | -8.4               | 93.1             | 255         | 1.37      | Vertical   |
| 153.593         | 29.9              | 31.3            | 43.5              | 150             | -13.6              | 118.7            | 73          | 1.00      | Vertical   |
| 294.932         | 31.4              | 37.2            | 46.0              | 200             | -14.6              | 162.8            | 200         | 1.00      | Horizontal |
| 500.006         | 32.3              | 41.2            | 46.0              | 200             | -13.7              | 158.8            | 353         | 1.37      | Vertical   |
| 824.367         | 32.7              | 43.2            | 46.0              | 200             | -13.3              | 156.8            | 52          | 1.00      | Horizontal |



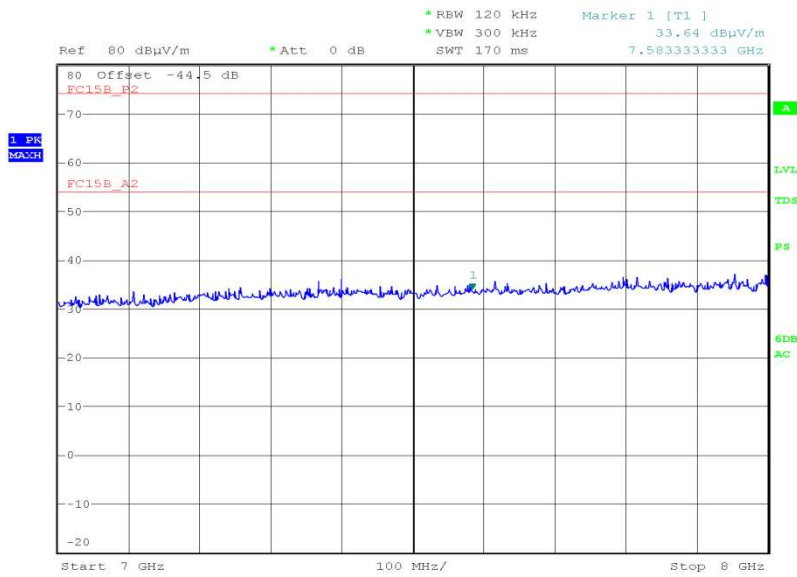
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 19:10:02

7 GHz to 8 GHz

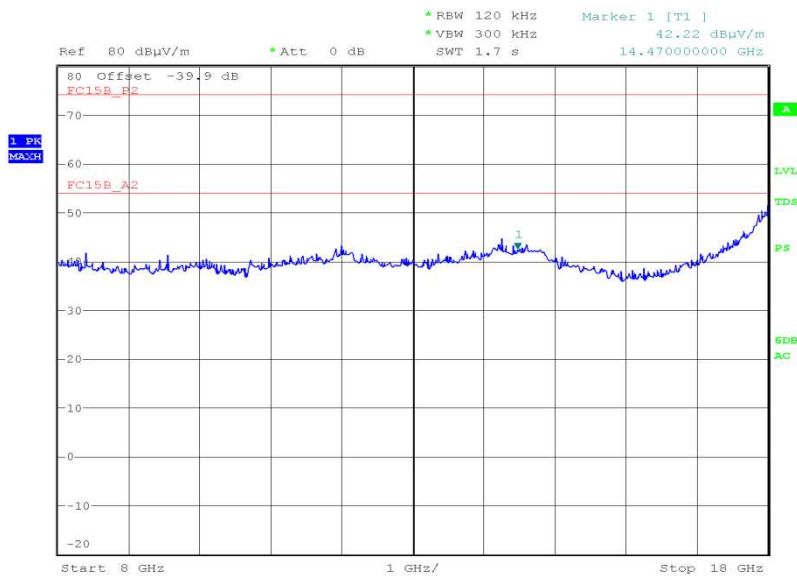


Date: 14.MAR.2012 19:06:05



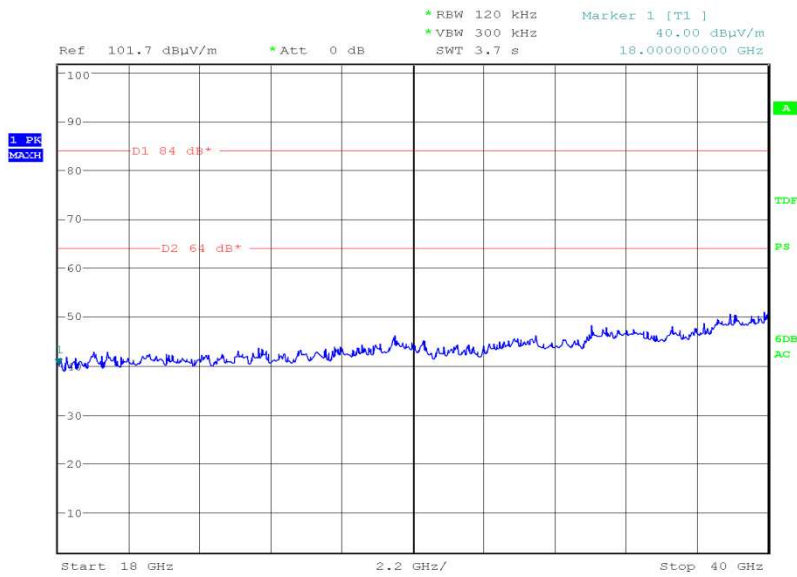
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:59:44

18 GHz to 40 GHz



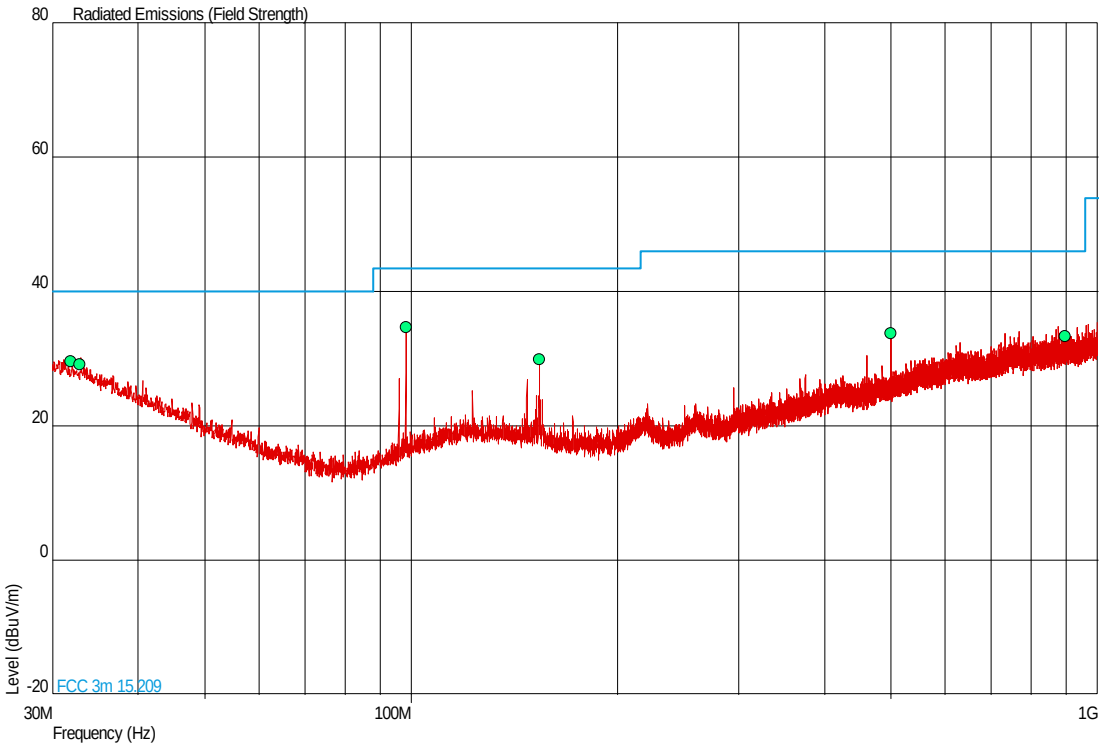
Date: 3.APR.2012 21:46:33



Product Service

5240 MHz

30 MHz to 1 GHz



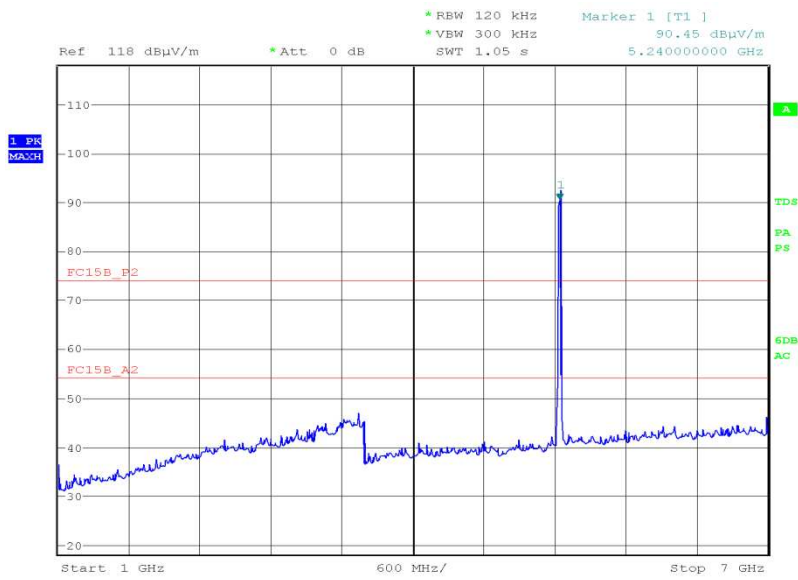
| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 31.934          | 29.6              | 30.2            | 40.0              | 100             | -10.4              | 69.8             | 349         | 2.09      | Vertical |
| 32.908          | 29.3              | 29.2            | 40.0              | 100             | -10.7              | 70.8             | 299         | 1.00      | Vertical |
| 98.307          | 34.7              | 54.3            | 43.5              | 150             | -8.8               | 95.7             | 287         | 1.00      | Vertical |
| 153.608         | 29.9              | 31.3            | 43.5              | 150             | -13.6              | 118.7            | 79          | 1.00      | Vertical |
| 500.058         | 33.8              | 49.0            | 46.0              | 200             | -12.2              | 151.0            | 352         | 1.00      | Vertical |
| 895.410         | 33.4              | 46.8            | 46.0              | 200             | -12.6              | 153.2            | 0           | 1.00      | Vertical |





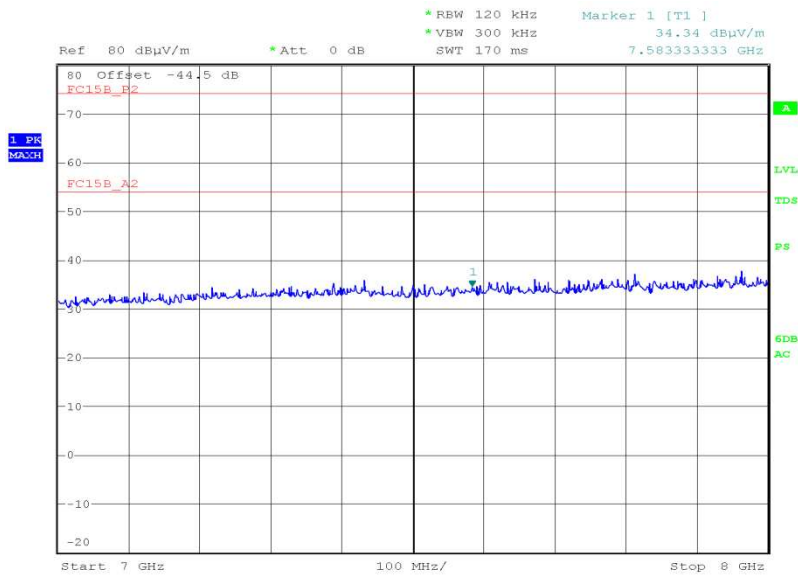
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 23:09:51

7 GHz to 8 GHz

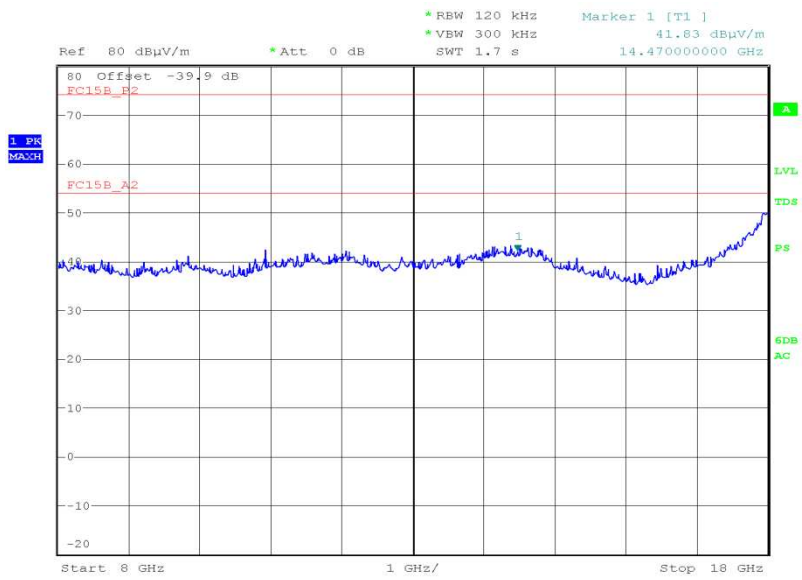


Date: 14.MAR.2012 19:18:55



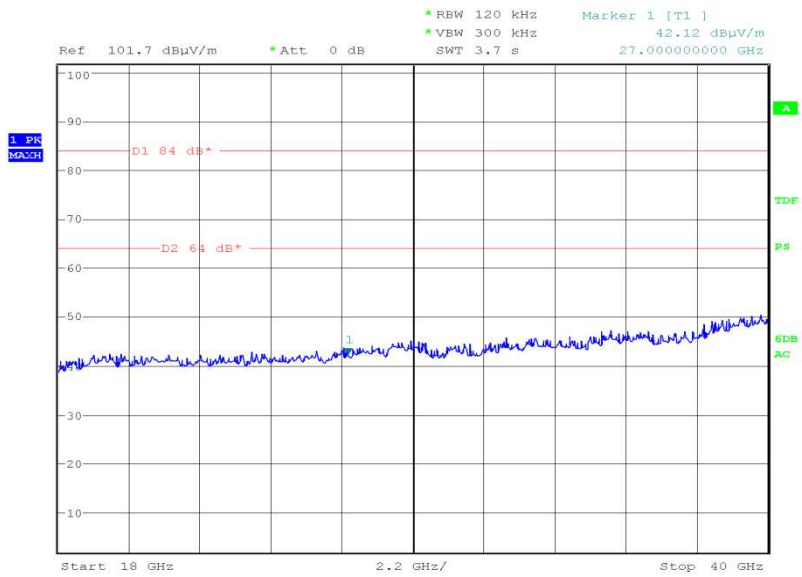
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:50:00

18 GHz to 40 GHz



Date: 3.APR.2012 21:54:23

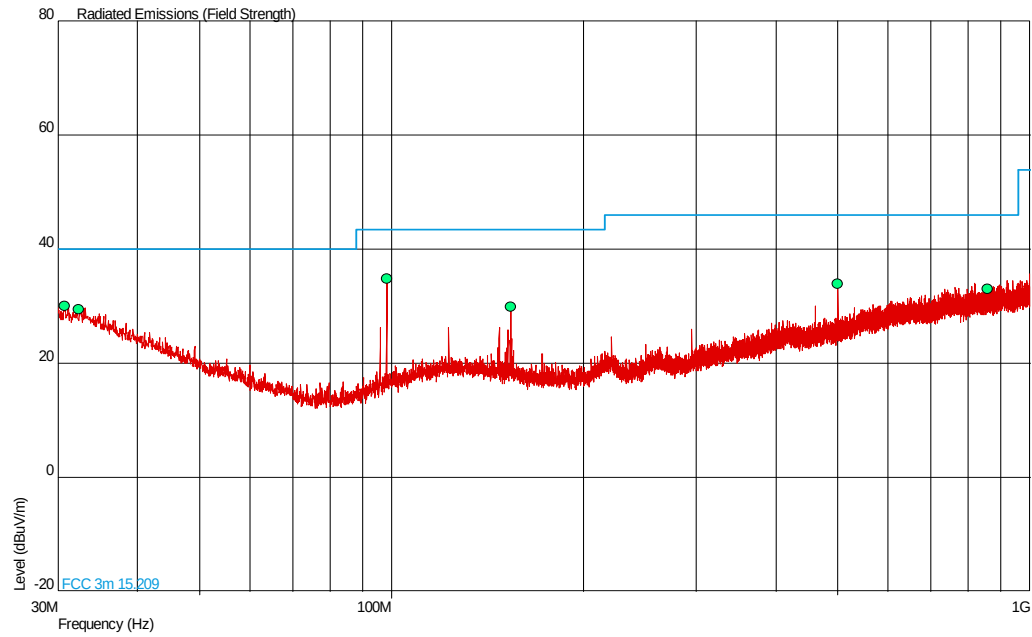


Product Service

Frequency Band 2

5260 MHz

30 MHz to 1 GHz

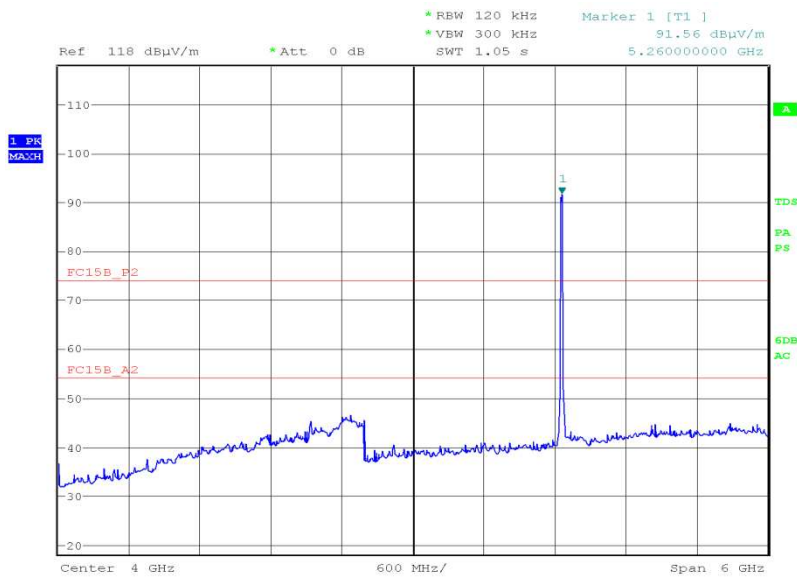


| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.771          | 30.1              | 32.0            | 40.0              | 100             | -9.9               | 68.0             | 20          | 1.00      | Vertical |
| 32.393          | 29.4              | 29.5            | 40.0              | 100             | -10.6              | 70.5             | 246         | 1.00      | Vertical |
| 98.304          | 34.9              | 55.6            | 43.5              | 150             | -8.6               | 94.4             | 279         | 1.25      | Vertical |
| 153.611         | 29.9              | 31.3            | 43.5              | 150             | -13.6              | 118.7            | 83          | 1.00      | Vertical |
| 500.037         | 34.0              | 50.1            | 46.0              | 200             | -12.0              | 149.9            | 169         | 1.00      | Vertical |
| 859.154         | 33.1              | 45.2            | 46.0              | 200             | -12.9              | 154.8            | 234         | 1.00      | Vertical |



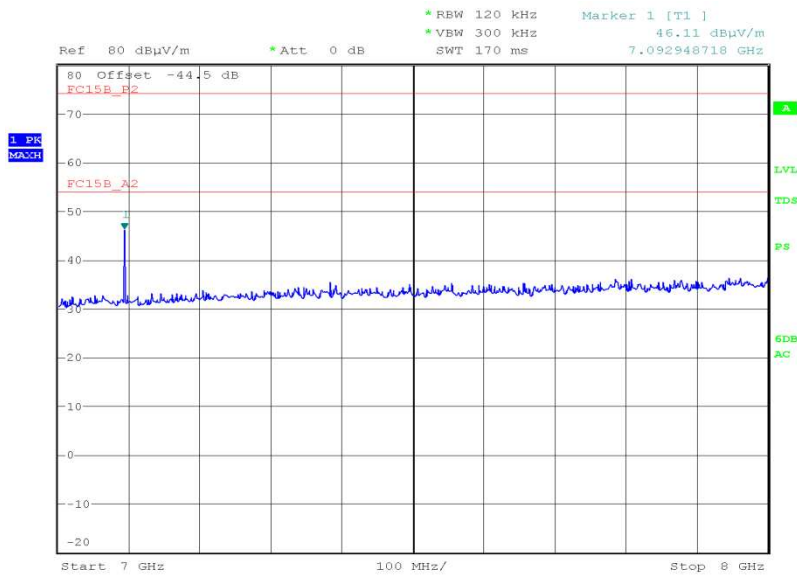
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 19:53:50

7 GHz to 8 GHz

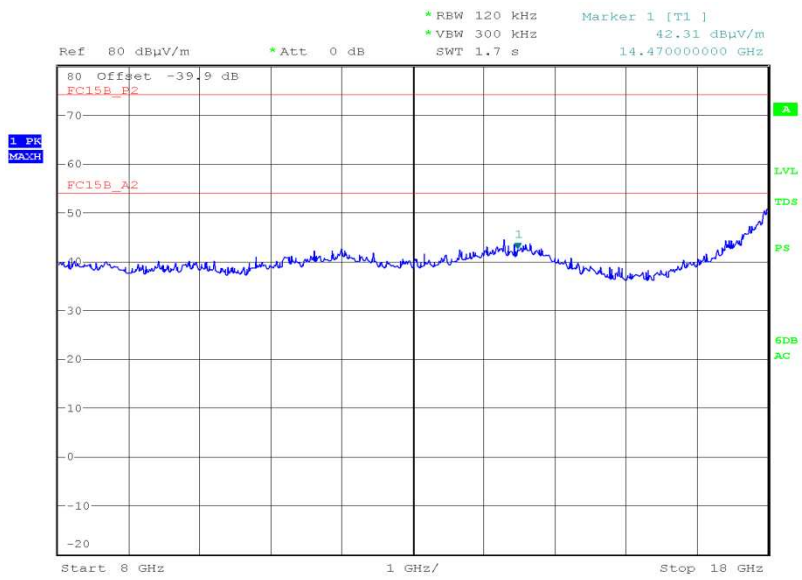


Date: 14.MAR.2012 19:24:43



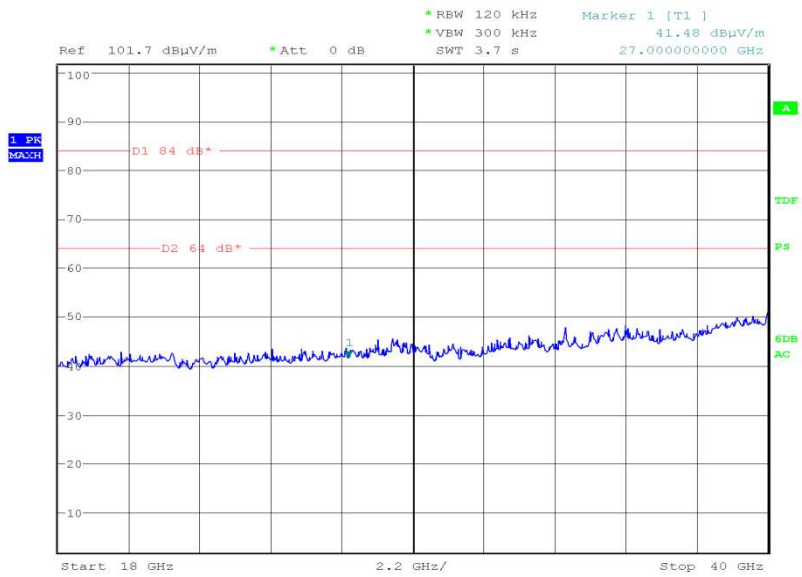
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:40:22

18 GHz to 40 GHz



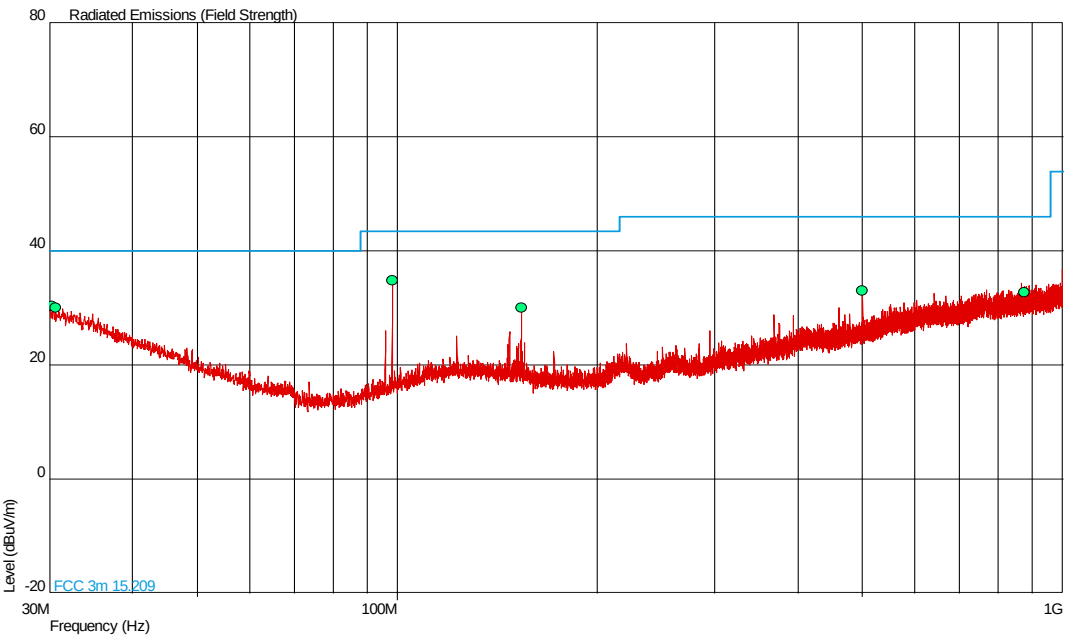
Date: 3.APR.2012 22:03:51



Product Service

5300 MHz

30 MHz to 1 GHz



| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.236          | 30.4              | 33.1            | 40.0              | 100             | -9.6               | 66.9             | 194         | 1.00      | Vertical |
| 30.654          | 30.1              | 32.0            | 40.0              | 100             | -9.9               | 68.0             | 230         | 2.08      | Vertical |
| 98.315          | 34.9              | 55.6            | 43.5              | 150             | -8.6               | 94.4             | 251         | 1.40      | Vertical |
| 153.598         | 30.0              | 31.6            | 43.5              | 150             | -13.5              | 118.4            | 76          | 1.00      | Vertical |
| 500.014         | 33.1              | 45.2            | 46.0              | 200             | -12.9              | 154.8            | 351         | 1.00      | Vertical |
| 874.841         | 32.8              | 43.7            | 46.0              | 200             | -13.2              | 156.3            | 352         | 1.00      | Vertical |

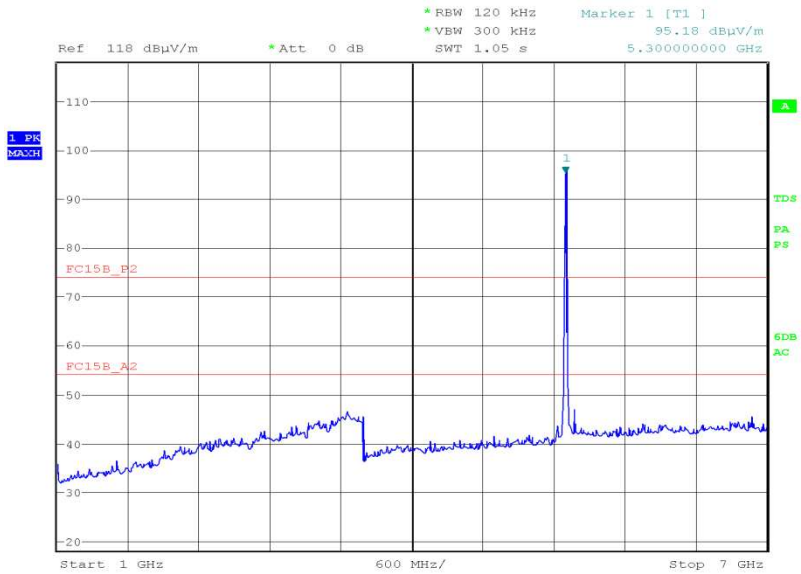


Product Service

1GHz to 40GHz

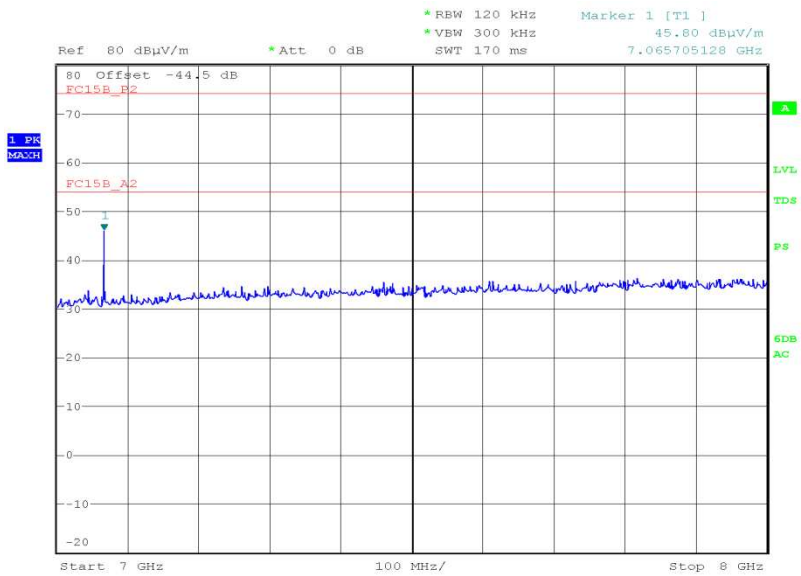
| Frequency (GHz) | Antenna Polarisation | Antenna Height (cm) | EUT Arc (degrees) | Final Peak (dBµV/m) | Final Average (dBµV/m) |
|-----------------|----------------------|---------------------|-------------------|---------------------|------------------------|
| 5.372           | Vertical             | 100                 | 345               | 54.52               | 45.82                  |

1 GHz to 7 GHz



Date: 13.MAR.2012 20:50:00

7 GHz to 8 GHz

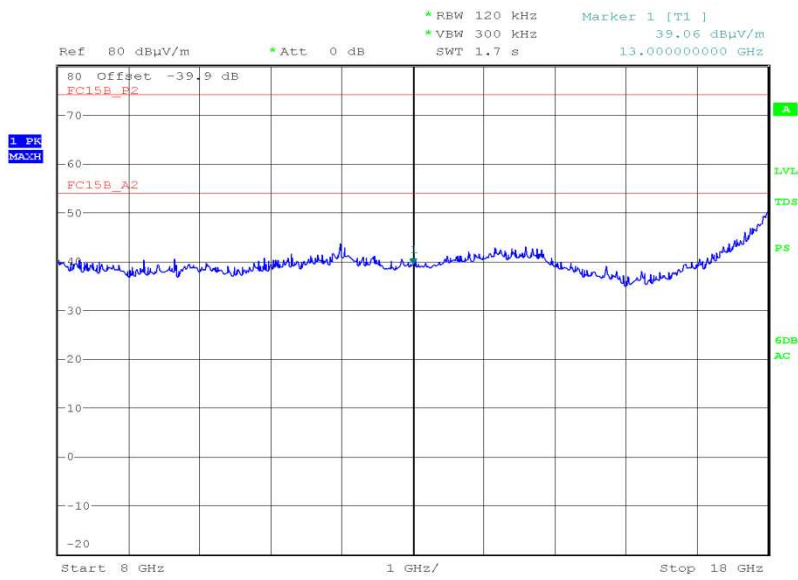


Date: 14.MAR.2012 19:32:18



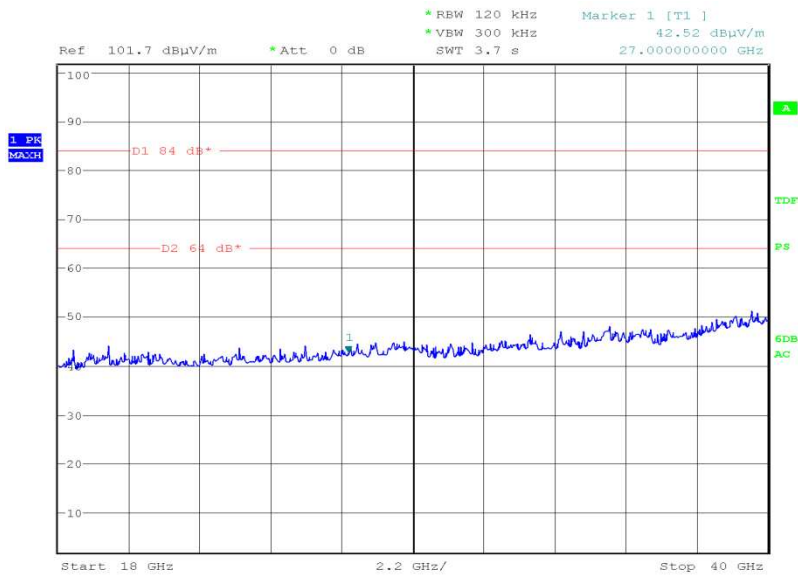
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:42:53

18 GHz to 40 GHz



Date: 3.APR.2012 22:11:46

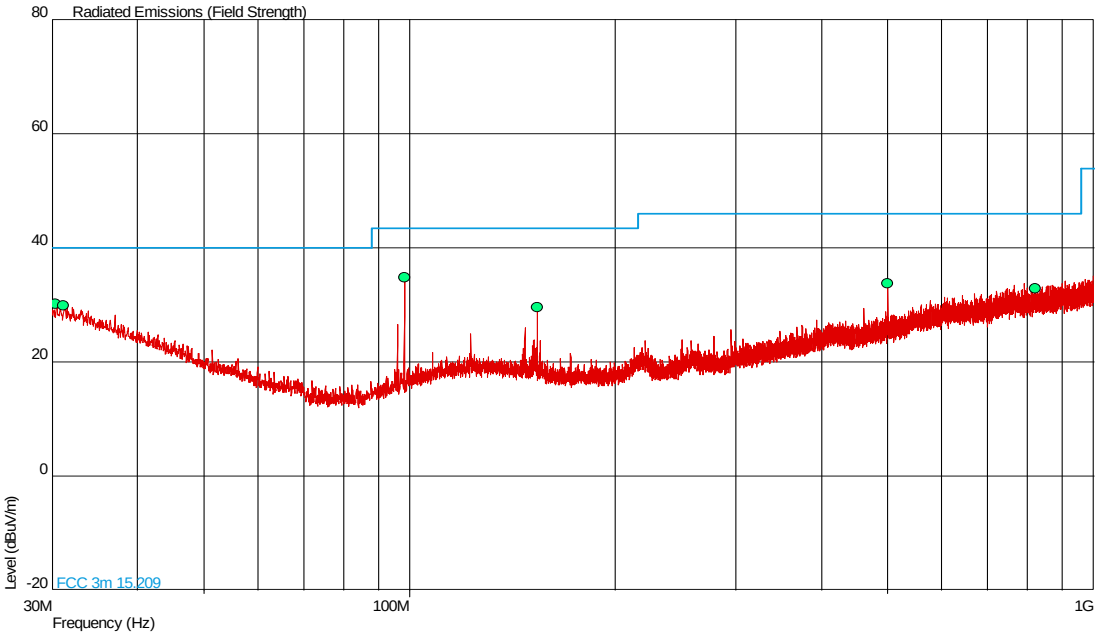




Product Service

5320 MHz

30 MHz to 1 GHz



| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.387          | 30.2              | 32.4            | 40.0              | 100             | -9.8               | 67.6             | 207         | 1.00      | Vertical |
| 31.140          | 30.0              | 31.6            | 40.0              | 100             | -10.0              | 68.4             | 154         | 1.00      | Vertical |
| 98.304          | 34.9              | 55.6            | 43.5              | 150             | -8.6               | 94.4             | 272         | 1.00      | Vertical |
| 153.586         | 29.6              | 30.2            | 43.5              | 150             | -13.9              | 119.8            | 66          | 1.00      | Vertical |
| 500.030         | 33.7              | 48.4            | 46.0              | 200             | -12.3              | 151.6            | 349         | 1.37      | Vertical |
| 820.497         | 32.9              | 44.2            | 46.0              | 200             | -13.1              | 155.8            | 106         | 1.00      | Vertical |

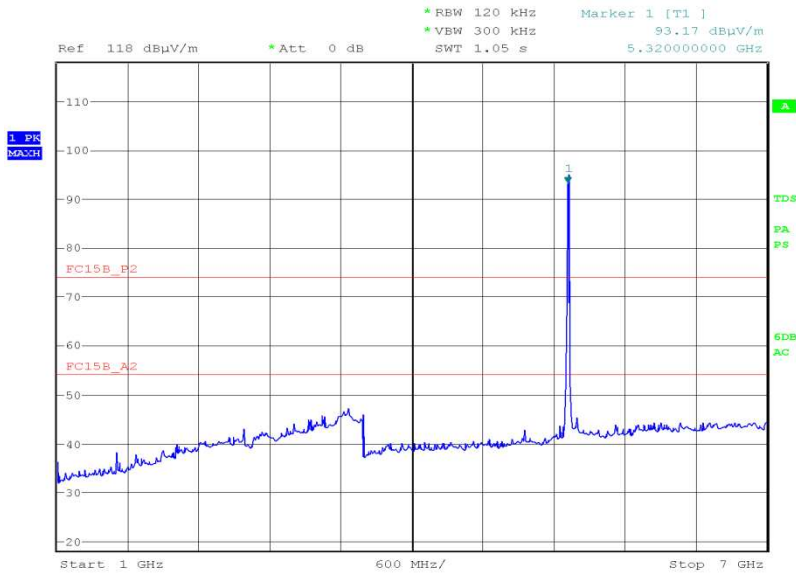


Product Service

1GHz to 40GHz

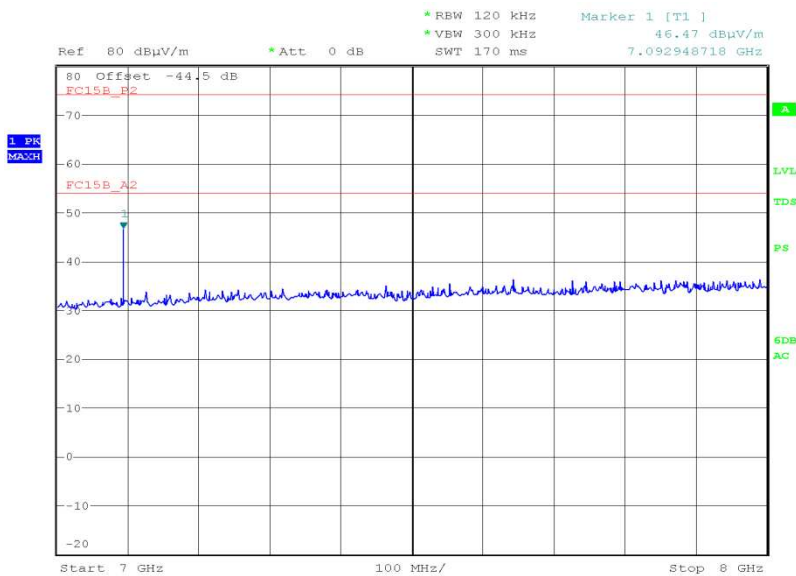
| Frequency (GHz) | Antenna Polarisation | Antenna Height (cm) | EUT Arc (degrees) | Final Peak (dBµV/m) | Final Average (dBµV/m) |
|-----------------|----------------------|---------------------|-------------------|---------------------|------------------------|
| 5.392           | Vertical             | 100                 | 006               | 52.69               | 45.96                  |

1 GHz to 7 GHz



Date: 13.MAR.2012 20:52:49

7 GHz to 8 GHz

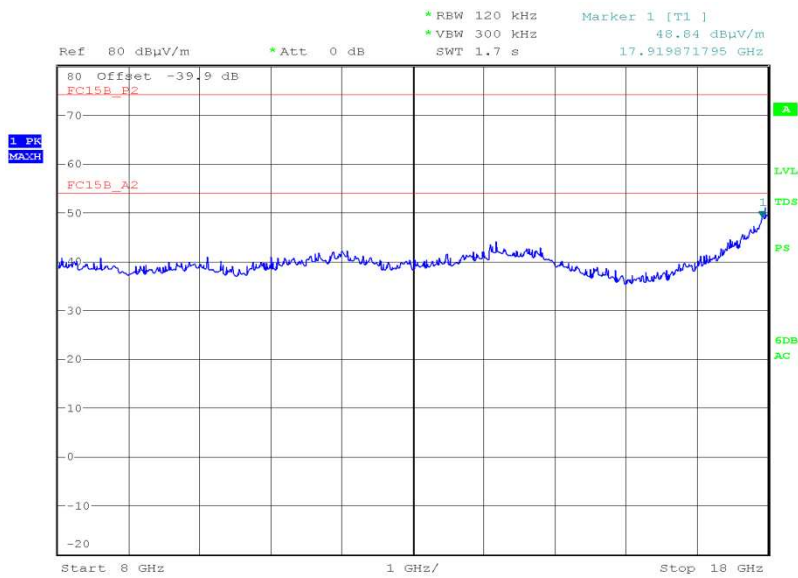


Date: 14.MAR.2012 19:42:38



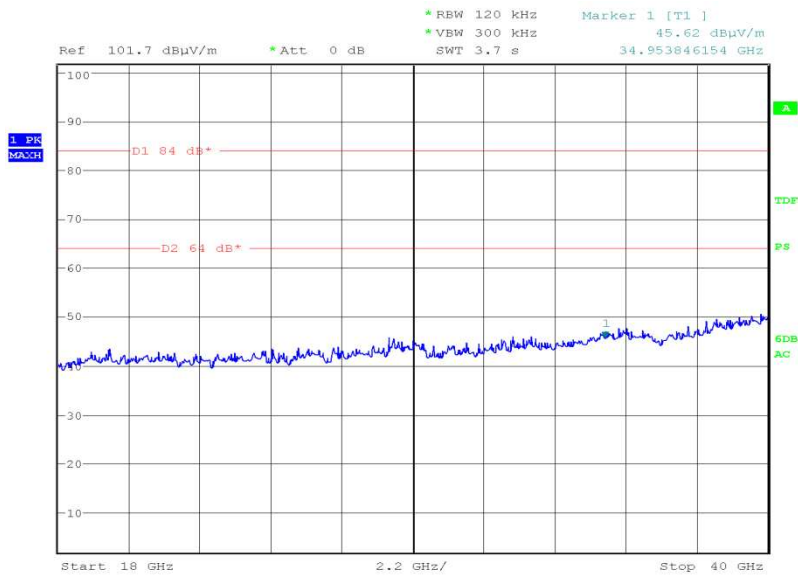
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:43:29

18 GHz to 40 GHz



Date: 3.APR.2012 22:19:42

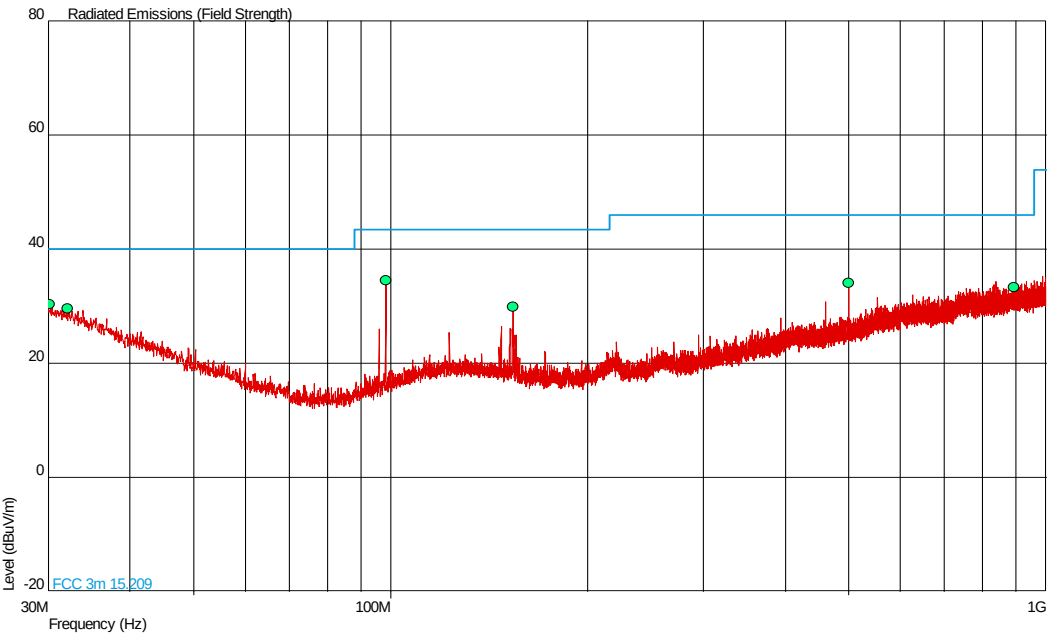


Product Service

Frequency Band 3

5500 MHz

30 MHz to 1 GHz



| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.145          | 30.4              | 33.1            | 40.0              | 100             | -9.6               | 66.9             | 174         | 1.00      | Vertical |
| 32.144          | 29.6              | 30.2            | 40.0              | 100             | -10.4              | 69.8             | 150         | 1.00      | Vertical |
| 98.307          | 34.6              | 53.7            | 43.5              | 150             | -8.9               | 96.3             | 259         | 1.69      | Vertical |
| 153.613         | 29.9              | 31.3            | 43.5              | 150             | -13.6              | 118.7            | 74          | 1.03      | Vertical |
| 500.047         | 34.0              | 50.1            | 46.0              | 200             | -12.0              | 149.9            | 354         | 1.00      | Vertical |
| 894.587         | 33.4              | 46.8            | 46.0              | 200             | -12.6              | 153.2            | 161         | 1.00      | Vertical |

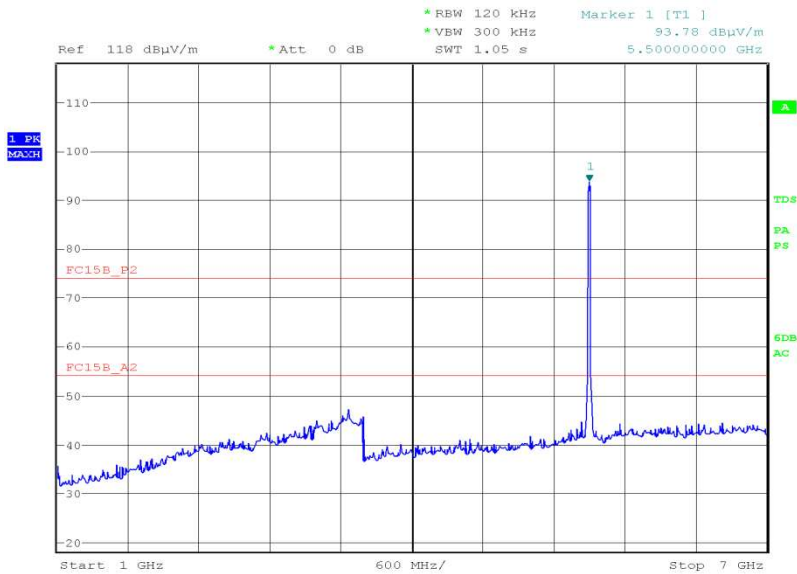


Product Service

1GHz to 40GHz

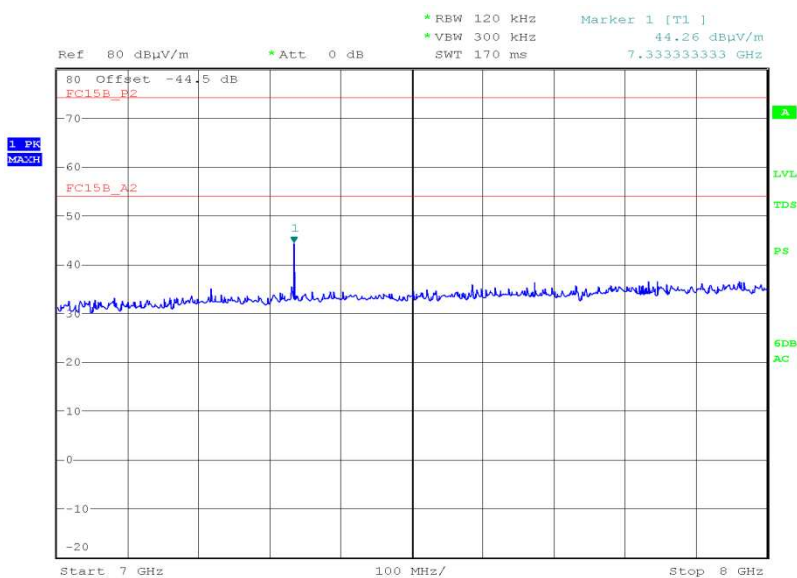
| Frequency (GHz) | Antenna Polarisation | Antenna Height (cm) | EUT Arc (degrees) | Final Peak (dBµV/m) | Final Average (dBµV/m) |
|-----------------|----------------------|---------------------|-------------------|---------------------|------------------------|
| 5.427           | Vertical             | 100                 | 006               | 54.67               | 43.03                  |
| 7.333           | Vertical             | 100                 | 086               | 51.06               | 45.94                  |

1 GHz to 7 GHz



Date: 13.MAR.2012 21:31:04

7 GHz to 8 GHz

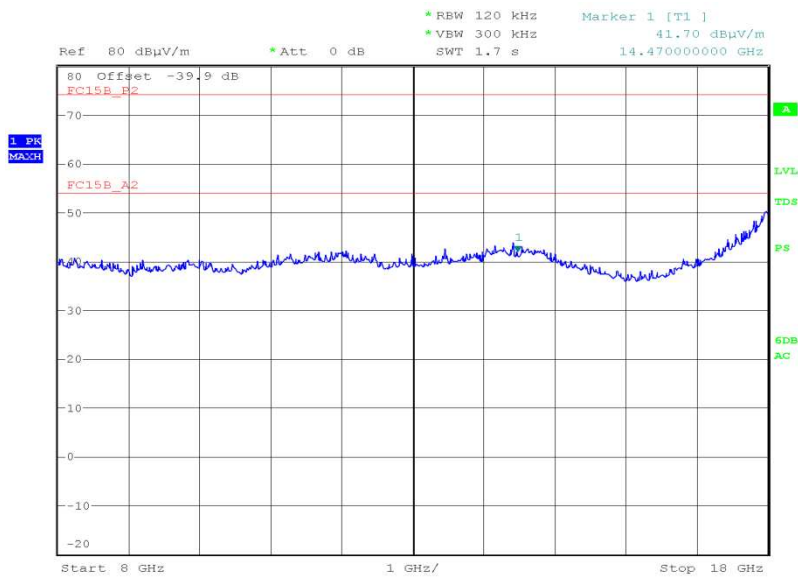


Date: 14.MAR.2012 19:54:46



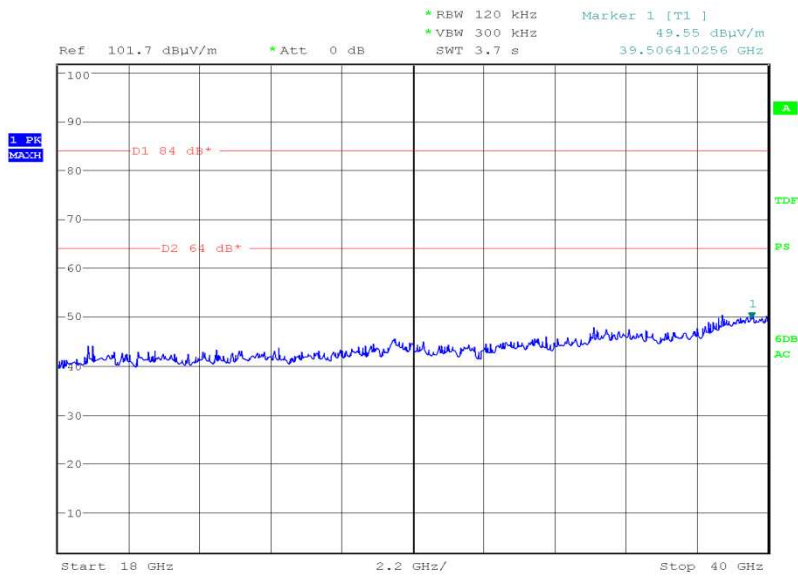
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:10:35

18 GHz to 40 GHz



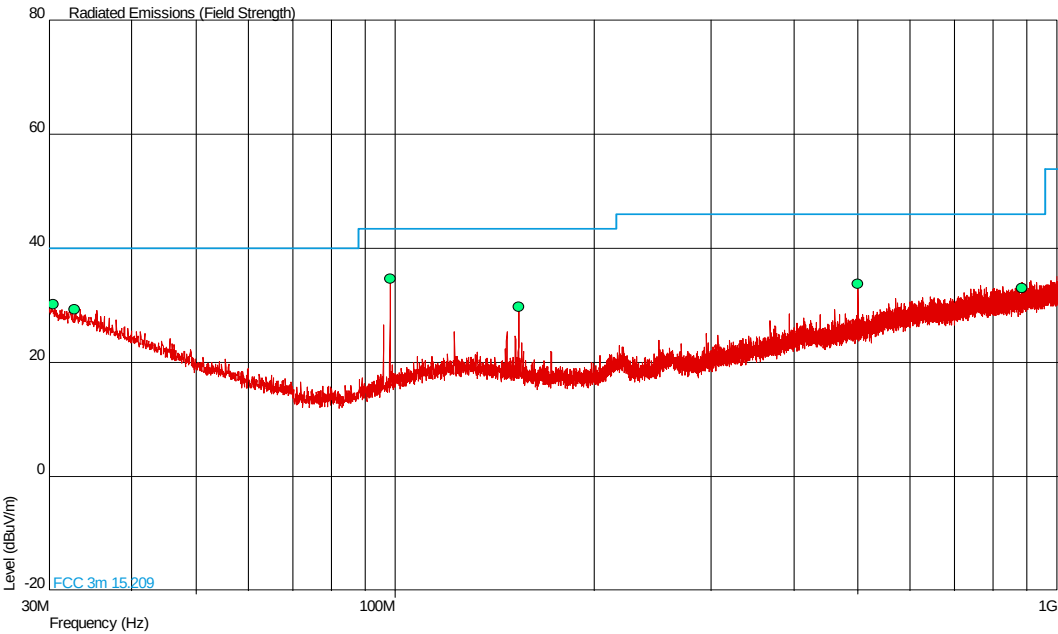
Date: 3.APR.2012 22:31:43



Product Service

5600 MHz

30 MHz to 1 GHz



| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.414          | 30.2              | 32.4            | 40.0              | 100             | -9.8               | 67.6             | 292         | 2.28      | Vertical |
| 32.762          | 29.4              | 29.5            | 40.0              | 100             | -10.6              | 70.5             | 304         | 1.00      | Vertical |
| 98.304          | 34.7              | 54.3            | 43.5              | 150             | -8.8               | 95.7             | 244         | 1.00      | Vertical |
| 153.611         | 29.7              | 30.5            | 43.5              | 150             | -13.8              | 119.5            | 86          | 1.00      | Vertical |
| 500.029         | 33.8              | 49.0            | 46.0              | 200             | -12.2              | 151.0            | 174         | 1.00      | Vertical |
| 883.622         | 33.0              | 44.7            | 46.0              | 200             | -13.0              | 155.3            | 43          | 1.00      | Vertical |

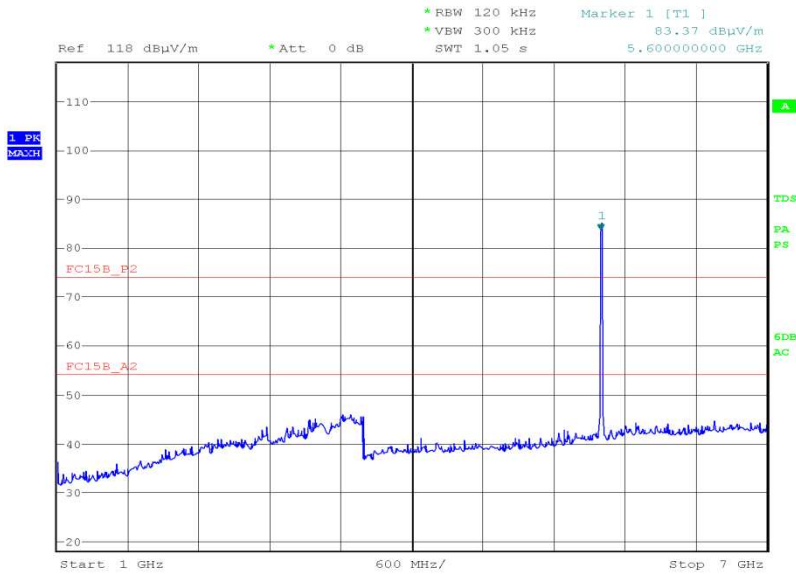


Product Service

1GHz to 40GHz

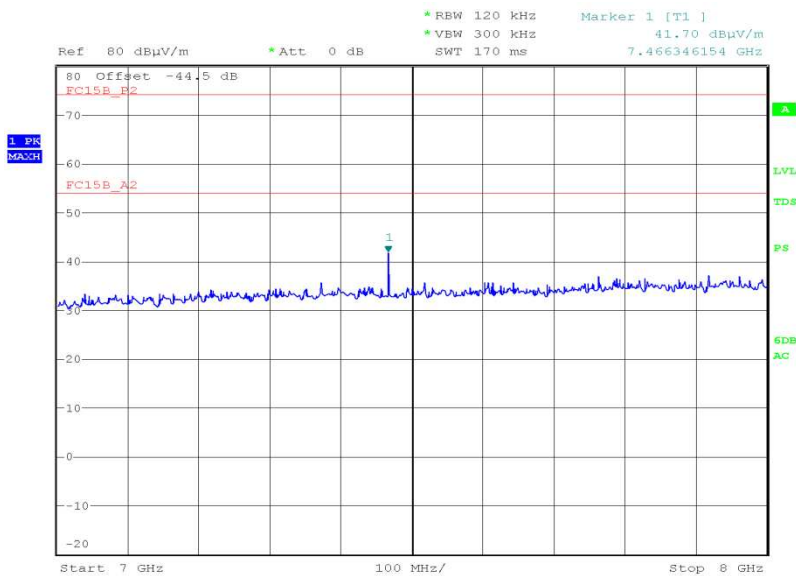
| Frequency (GHz) | Antenna Polarisation | Antenna Height (cm) | EUT Arc (degrees) | Final Peak (dBµV/m) | Final Average (dBµV/m) |
|-----------------|----------------------|---------------------|-------------------|---------------------|------------------------|
| 7.466           | Vertical             | 101                 | 048               | 50.33               | 44.08                  |

1 GHz to 7 GHz



Date: 13.MAR.2012 21:48:56

7 GHz to 8 GHz



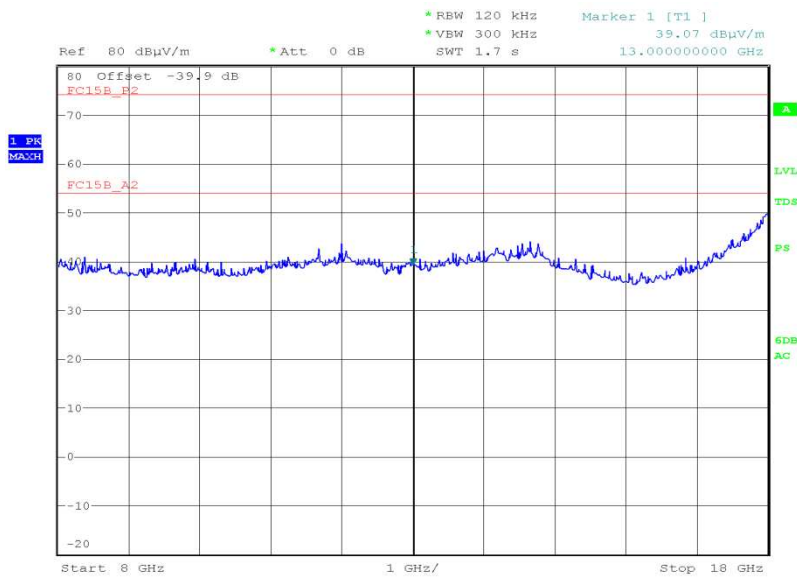
Date: 14.MAR.2012 20:08:08





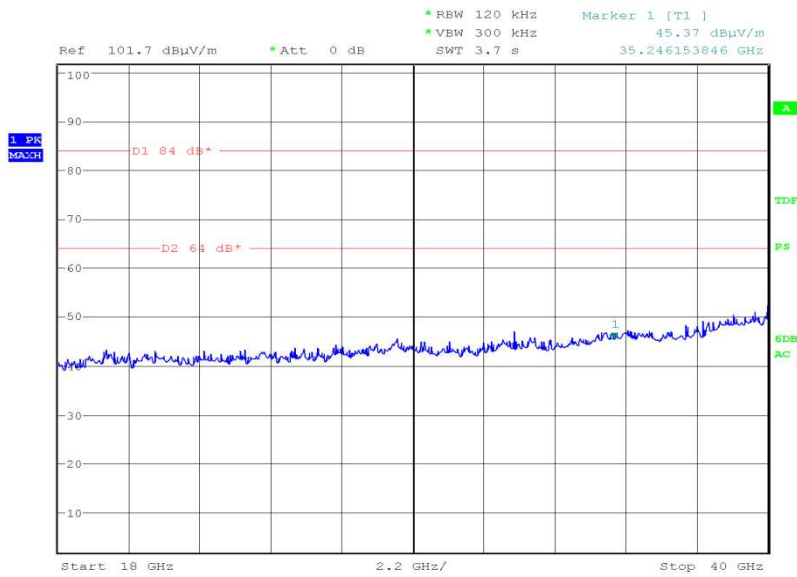
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 23:15:37

18 GHz to 40 GHz



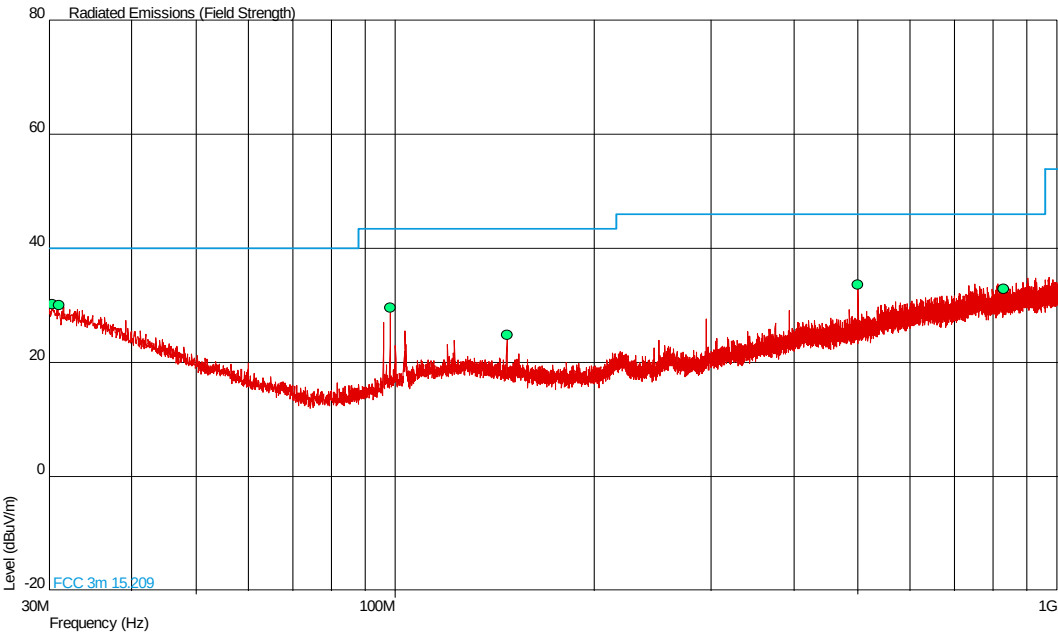
Date: 3.APR.2012 22:39:17



Product Service

5700 MHz

30 MHz to 1 GHz



| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.369          | 30.2              | 32.4            | 40.0              | 100             | -9.8               | 67.6             | 360         | 1.00      | Vertical |
| 31.064          | 30.0              | 31.6            | 40.0              | 100             | -10.0              | 68.4             | 44          | 2.03      | Vertical |
| 98.298          | 29.6              | 30.2            | 43.5              | 150             | -13.9              | 119.8            | 270         | 1.00      | Vertical |
| 147.454         | 24.8              | 17.4            | 43.5              | 150             | -18.7              | 132.6            | 52          | 1.00      | Vertical |
| 500.054         | 33.7              | 48.4            | 46.0              | 200             | -12.3              | 151.6            | 187         | 1.18      | Vertical |
| 828.963         | 32.9              | 44.2            | 46.0              | 200             | -13.1              | 155.8            | 0           | 1.00      | Vertical |

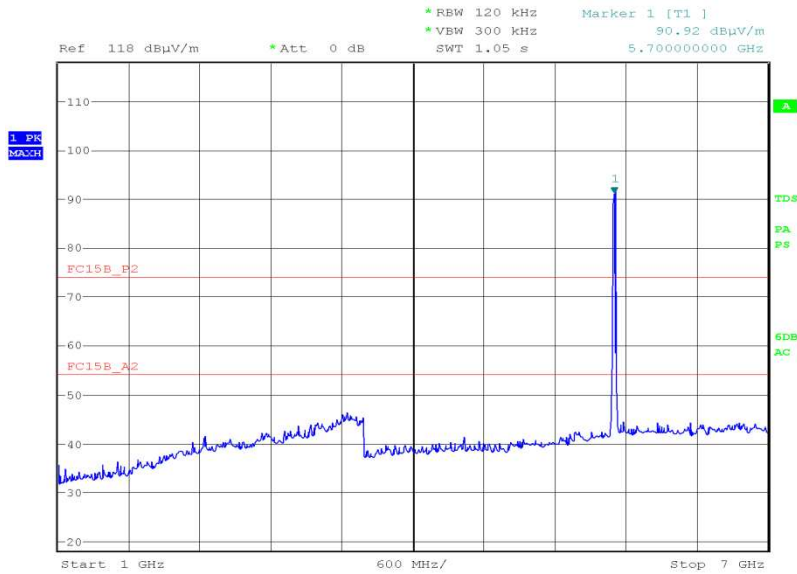


Product Service

1GHz to 40GHz

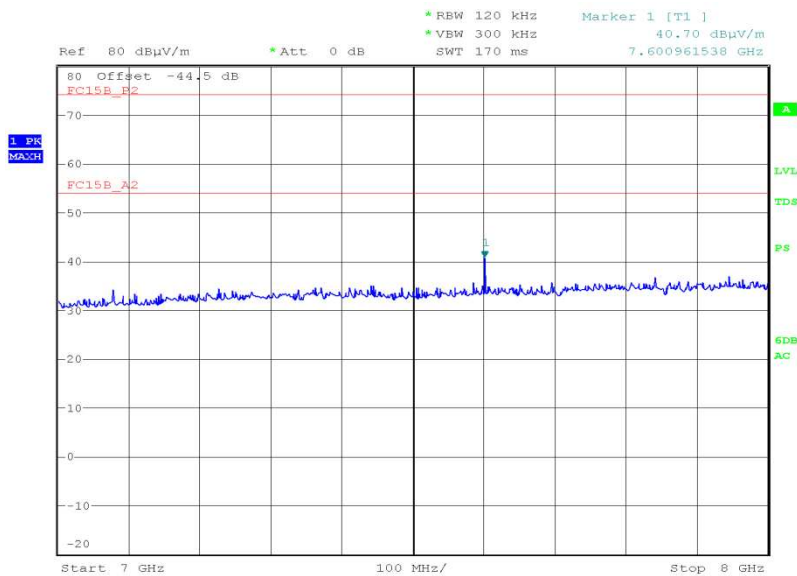
| Frequency (GHz) | Antenna Polarisation | Antenna Height (cm) | EUT Arc (degrees) | Final Peak (dBµV/m) | Final Average (dBµV/m) |
|-----------------|----------------------|---------------------|-------------------|---------------------|------------------------|
| 7.600           | Vertical             | 100                 | 066               | 48.13               | 38.25                  |

1 GHz to 7 GHz



Date: 13.MAR.2012 21:50:43

7 GHz to 8 GHz

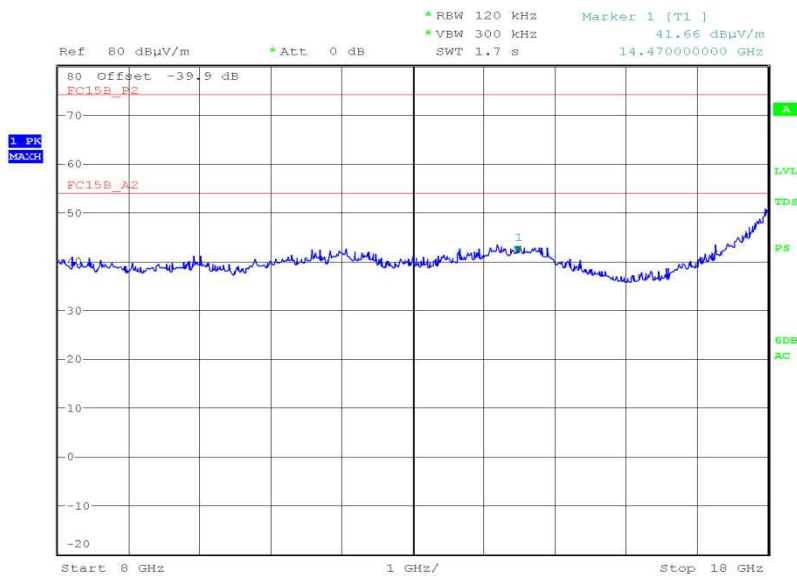


Date: 14.MAR.2012 20:25:05



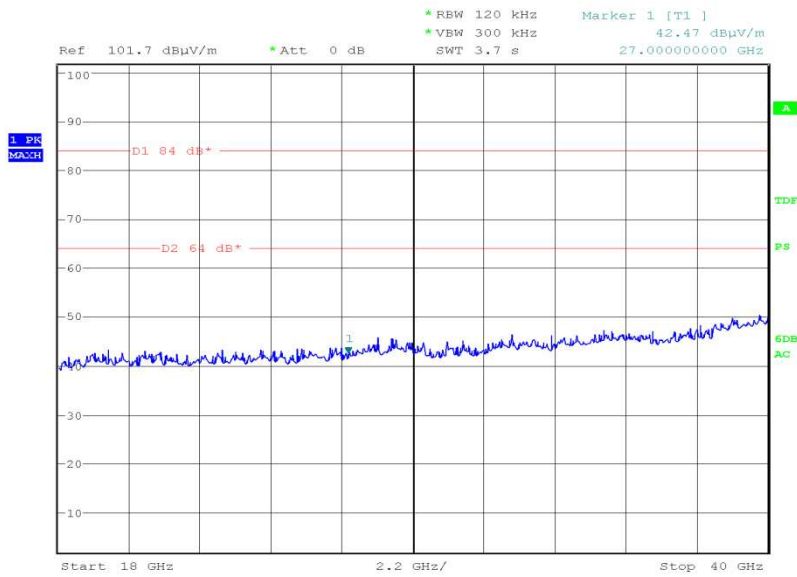
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 22:44:56

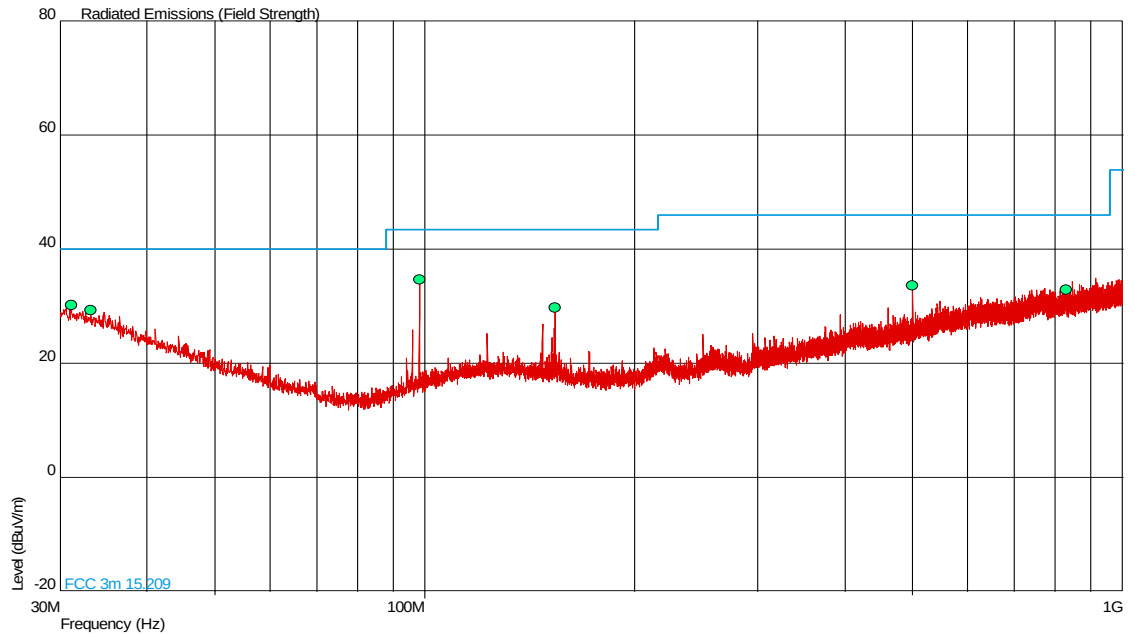
18 GHz to 40 GHz



Date: 3.APR.2012 22:49:31



Product Service

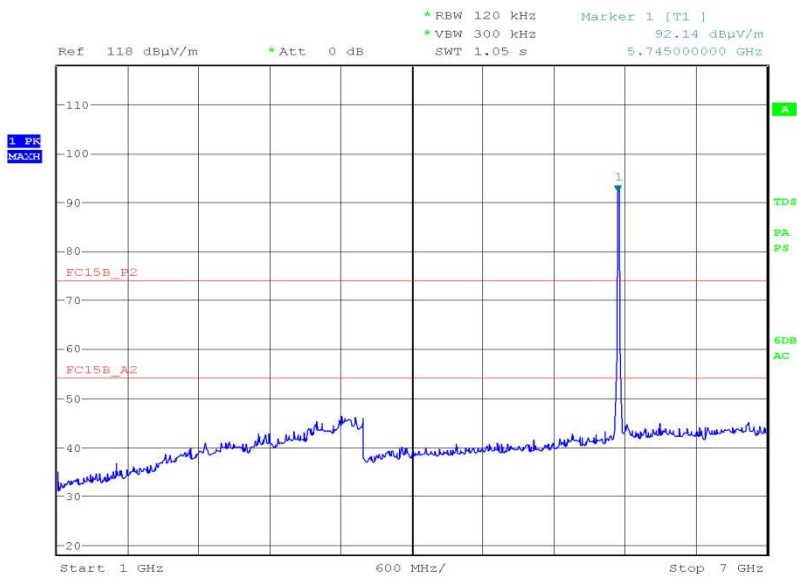
Frequency Band 45745 MHz30 MHz to 1 GHz

| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 31.213          | 30.2              | 32.4            | 40.0              | 100             | -9.8               | 67.6             | 7           | 1.00      | Vertical |
| 33.202          | 29.3              | 29.2            | 40.0              | 100             | -10.7              | 70.8             | 258         | 1.00      | Vertical |
| 98.297          | 34.7              | 54.3            | 43.5              | 150             | -8.8               | 95.7             | 262         | 1.08      | Vertical |
| 153.603         | 29.8              | 30.9            | 43.5              | 150             | -13.7              | 119.1            | 88          | 1.00      | Vertical |
| 500.030         | 33.7              | 48.4            | 46.0              | 200             | -12.3              | 151.6            | 356         | 1.03      | Vertical |
| 829.399         | 32.9              | 44.2            | 46.0              | 200             | -13.1              | 155.8            | 282         | 1.00      | Vertical |



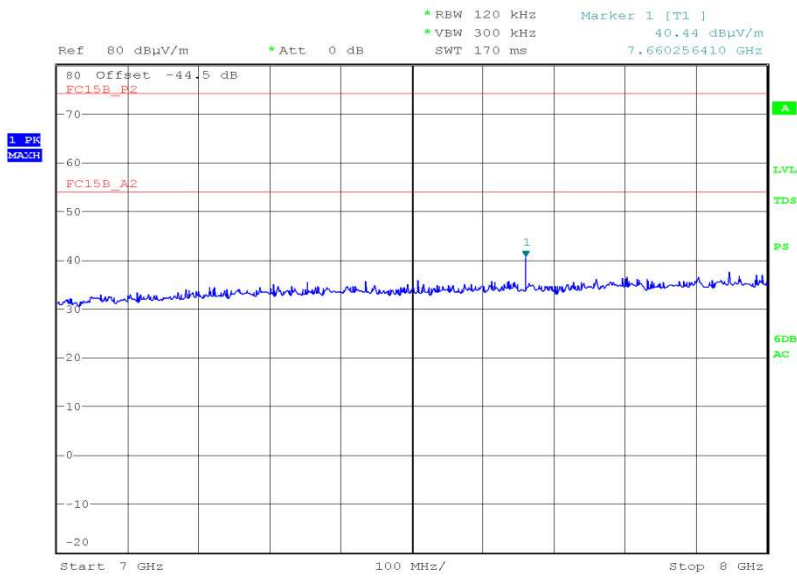
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 23:11:50

7 GHz to 8 GHz

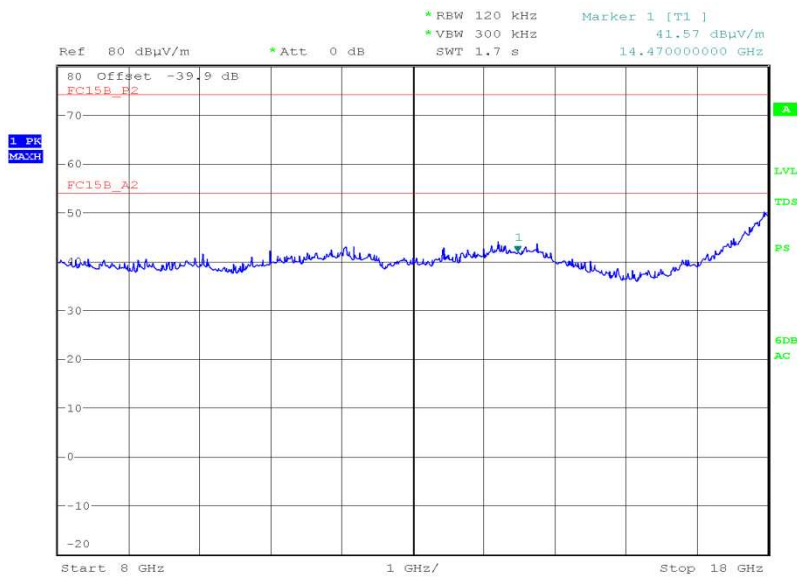


Date: 14.MAR.2012 20:34:30



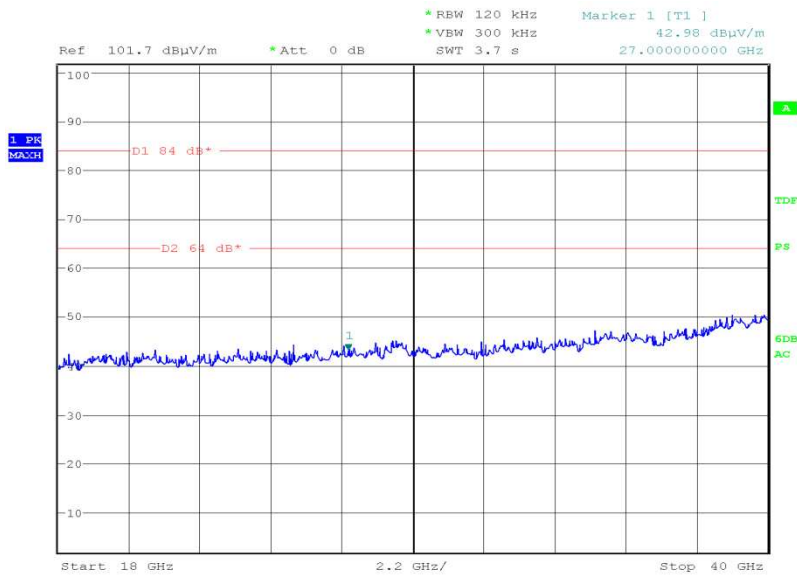
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 22:24:45

18 GHz to 40 GHz



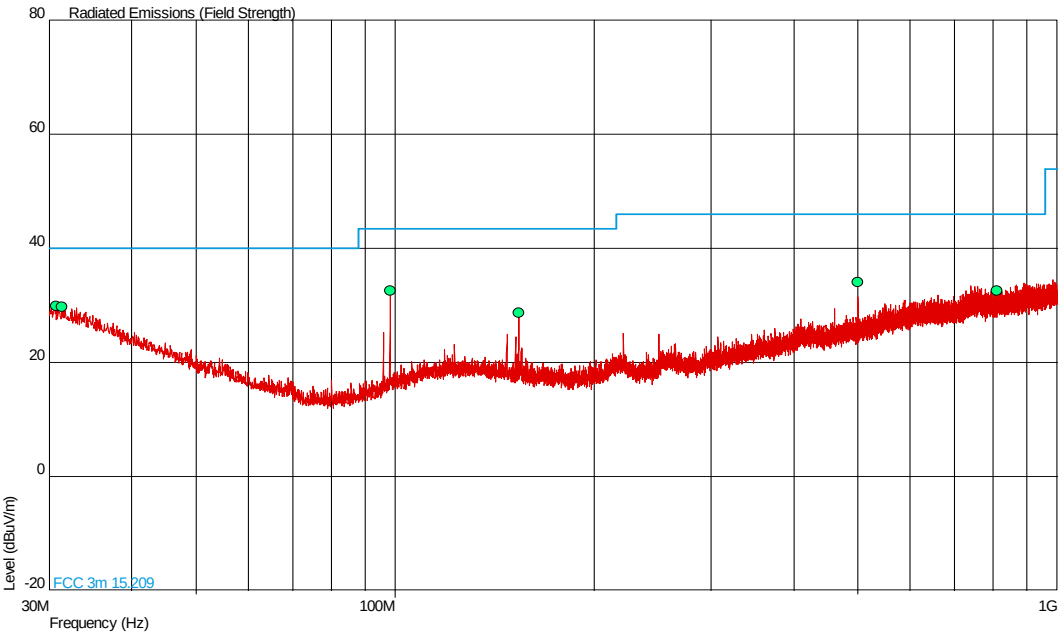
Date: 3.APR.2012 22:56:34



Product Service

5785 MHz

30 MHz to 1 GHz



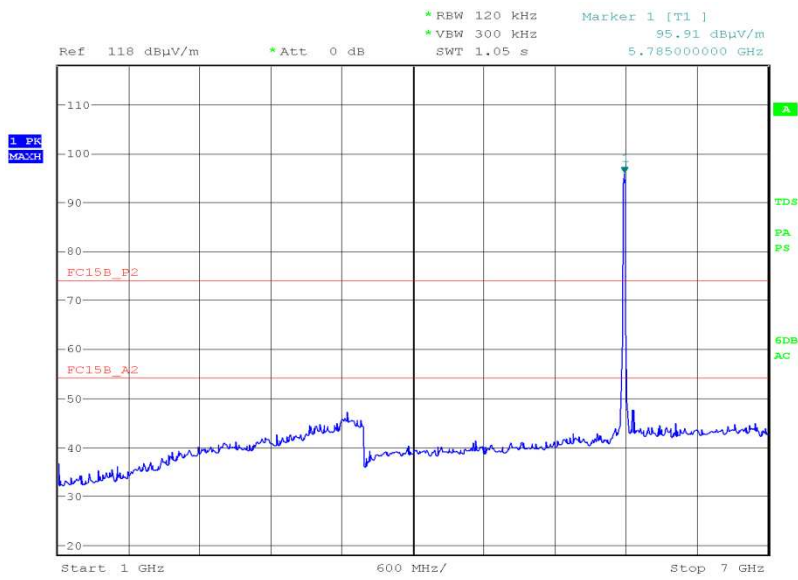
| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.743          | 30.0              | 31.6            | 40.0              | 100             | -10.0              | 68.4             | 357         | 1.00      | Vertical |
| 31.365          | 29.8              | 30.9            | 40.0              | 100             | -10.2              | 69.1             | 79          | 1.00      | Vertical |
| 98.296          | 32.6              | 42.7            | 43.5              | 150             | -10.9              | 107.0            | 8           | 1.00      | Vertical |
| 153.598         | 28.7              | 27.2            | 43.5              | 150             | -14.8              | 122.4            | 88          | 1.97      | Vertical |
| 500.038         | 34.1              | 50.7            | 46.0              | 200             | -11.9              | 148.8            | 153         | 1.68      | Vertical |
| 811.724         | 32.6              | 42.7            | 46.0              | 200             | -13.4              | 156.9            | 170         | 1.25      | Vertical |





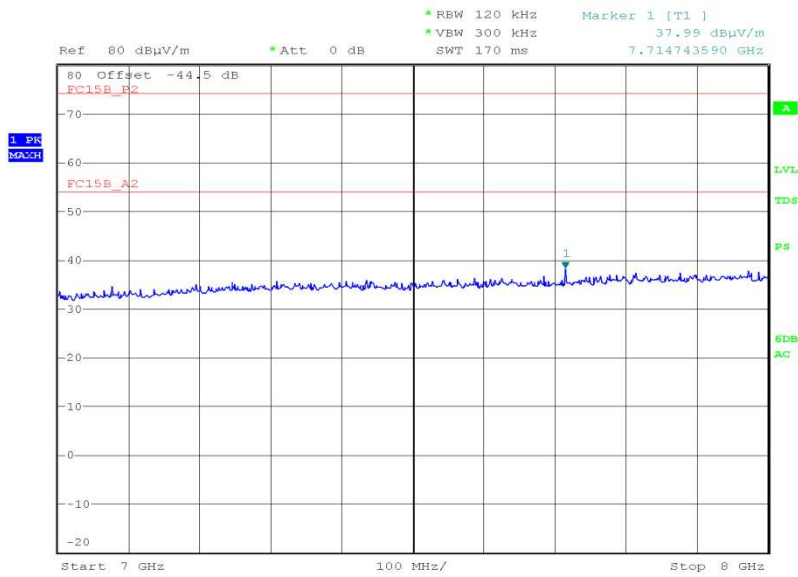
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 22:19:46

7 GHz to 8 GHz

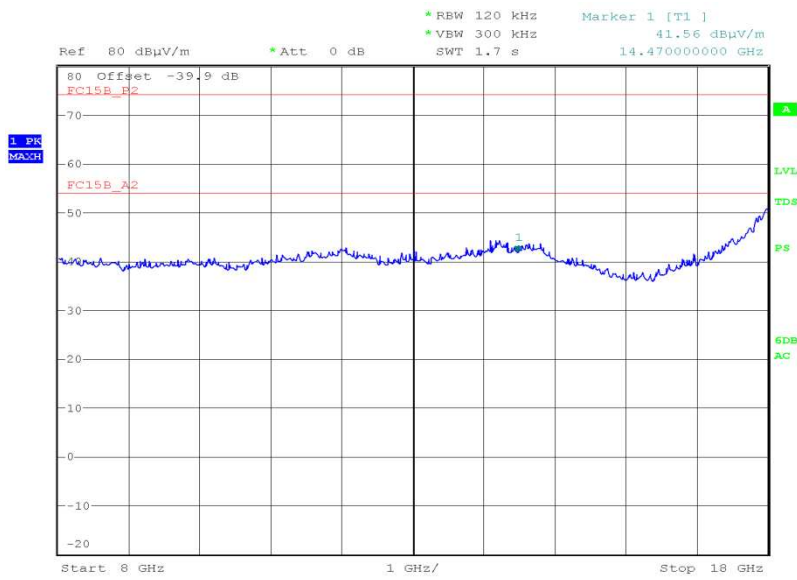


Date: 14.MAR.2012 21:02:32



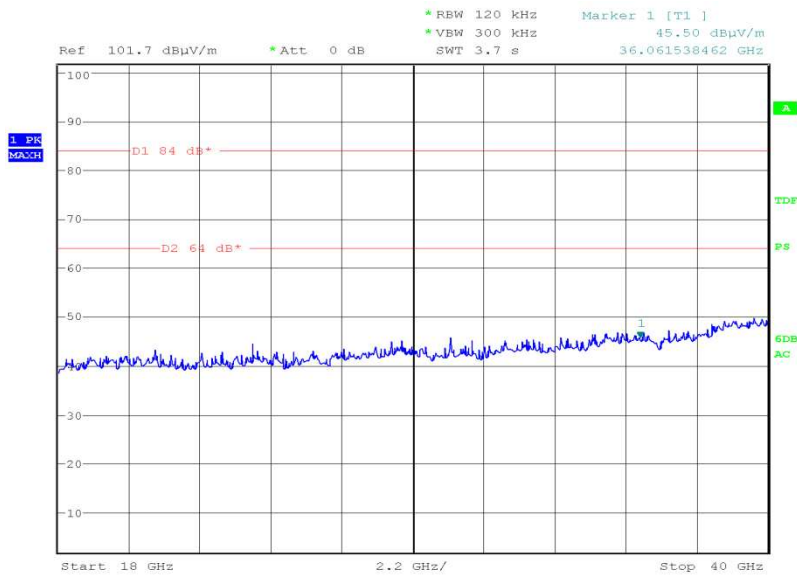
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 22:11:49

18 GHz to 40 GHz



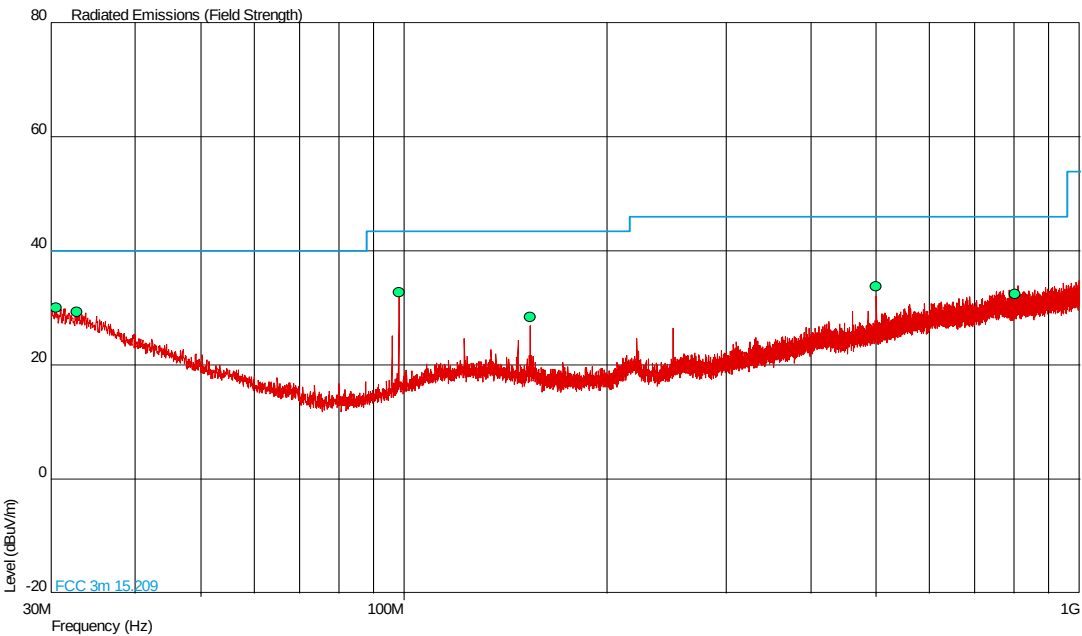
Date: 3.APR.2012 23:05:09



Product Service

5805 MHz

30 MHz to 1 GHz

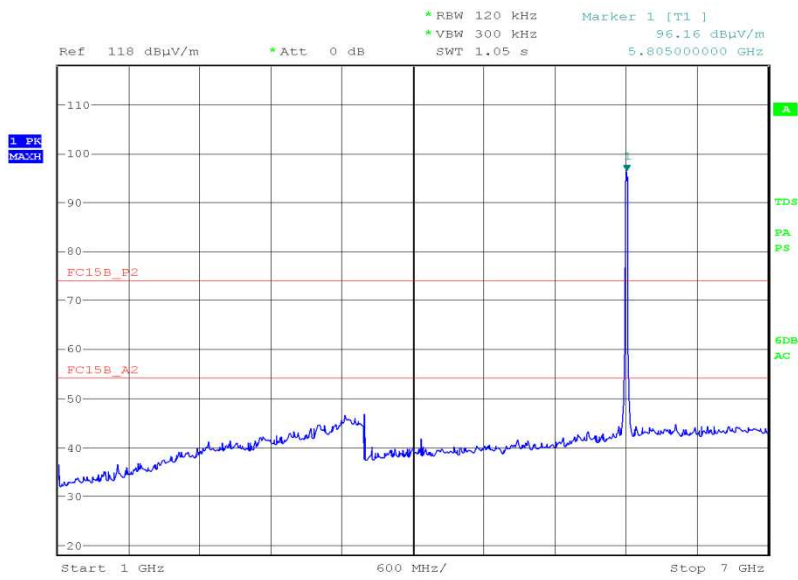


| Frequency (MHz) | QP Level (dBµV/m) | QP Level (µV/m) | QP Limit (dBµV/m) | QP Limit (µV/m) | QP Margin (dBµV/m) | QP Margin (µV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.526          | 30.1              | 32.0            | 40.0              | 100             | -9.9               | 68.0             | 95          | 1.00      | Vertical |
| 32.759          | 29.3              | 29.2            | 40.0              | 100             | -10.7              | 70.8             | 165         | 1.00      | Vertical |
| 98.304          | 32.8              | 43.7            | 43.5              | 150             | -10.7              | 106.3            | 360         | 1.00      | Vertical |
| 153.615         | 28.4              | 26.3            | 43.5              | 150             | -15.1              | 123.7            | 107         | 1.70      | Vertical |
| 500.062         | 33.8              | 49.0            | 46.0              | 200             | -12.2              | 151.0            | 167         | 1.69      | Vertical |
| 803.485         | 32.5              | 42.2            | 46.0              | 200             | -13.5              | 157.8            | 359         | 1.00      | Vertical |



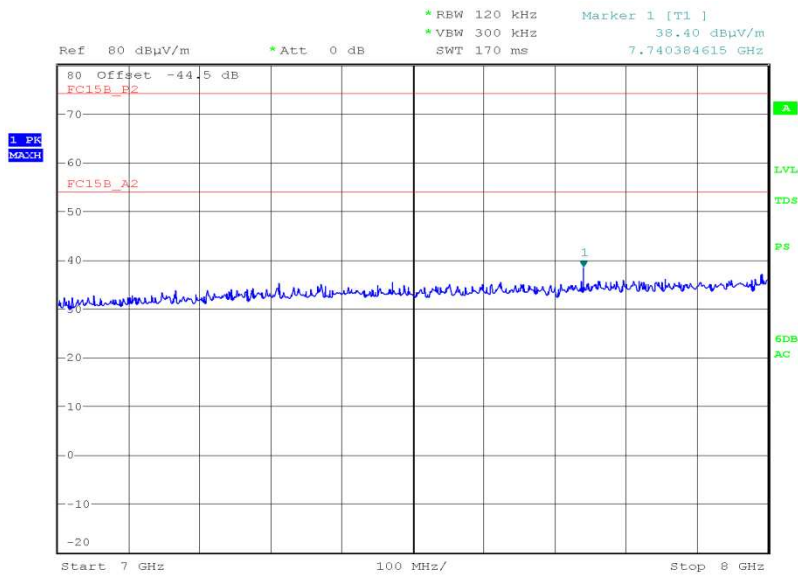
Product Service

1 GHz to 7 GHz



Date: 13.MAR.2012 22:40:20

7 GHz to 8 GHz

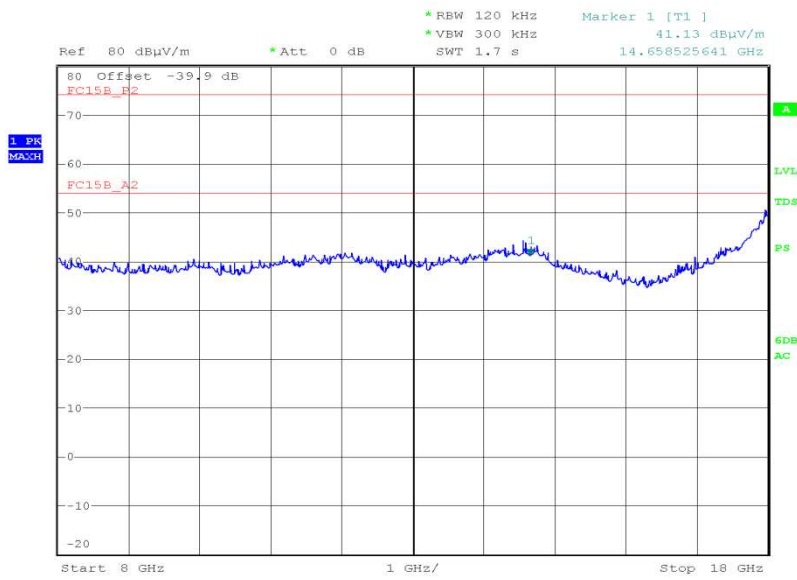


Date: 14.MAR.2012 21:08:22



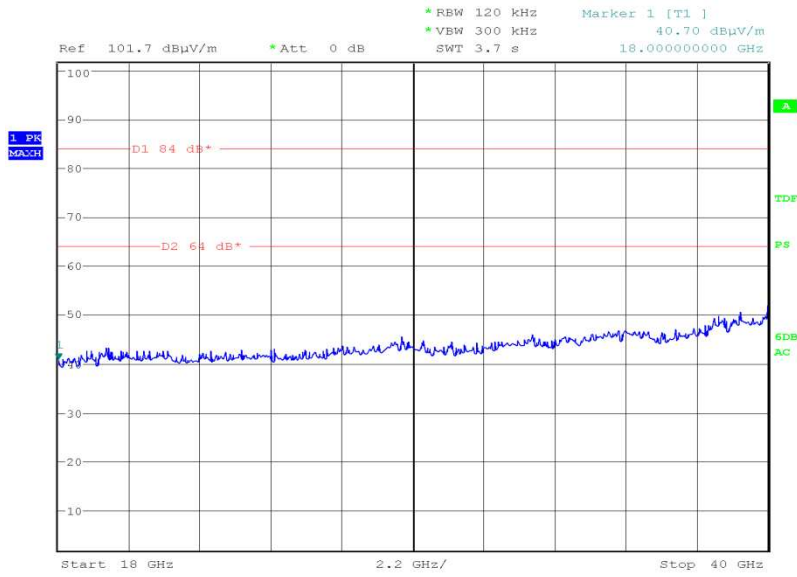
Product Service

8 GHz to 18 GHz



Date: 14.MAR.2012 21:53:52

18 GHz to 40 GHz



Date: 3.APR.2012 23:11:03

Limit

| Peak (dB $\mu$ V/m) | Average (dB $\mu$ V/m) |
|---------------------|------------------------|
| 74.0                | 54.0                   |

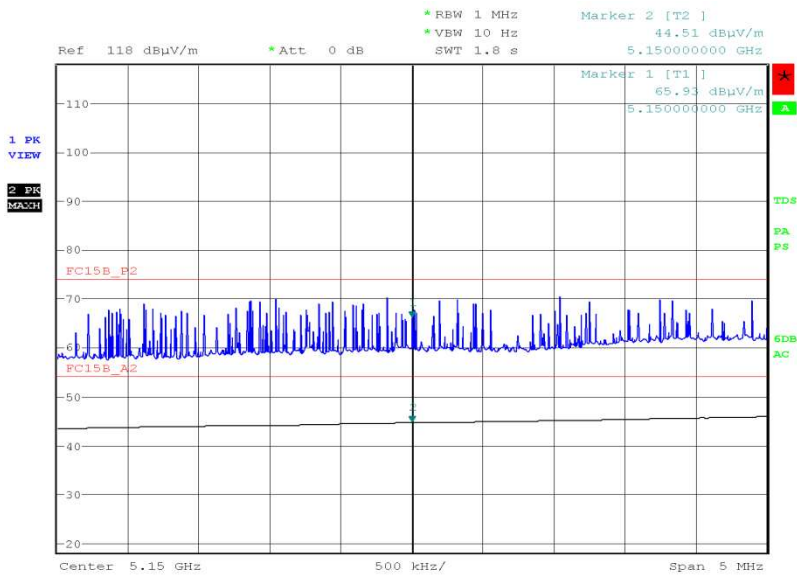


Product Service

Band Edge Emissions

5180 MHz

| Polarisation | Final Peak (dBμV/m) | Final Average (dBμV/m) |
|--------------|---------------------|------------------------|
| Horizontal   | 65.93               | 44.51                  |



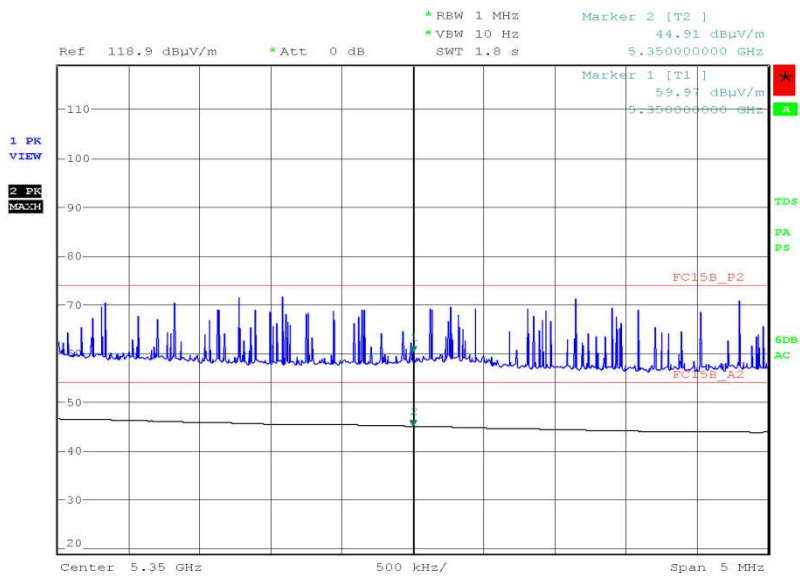
Date: 7.MAR.2012 17:58:11



Product Service

5320 MHz

| Polarisation | Final Peak (dBμV/m) | Final Average (dBμV/m) |
|--------------|---------------------|------------------------|
| Horizontal   | 59.97               | 44.91                  |



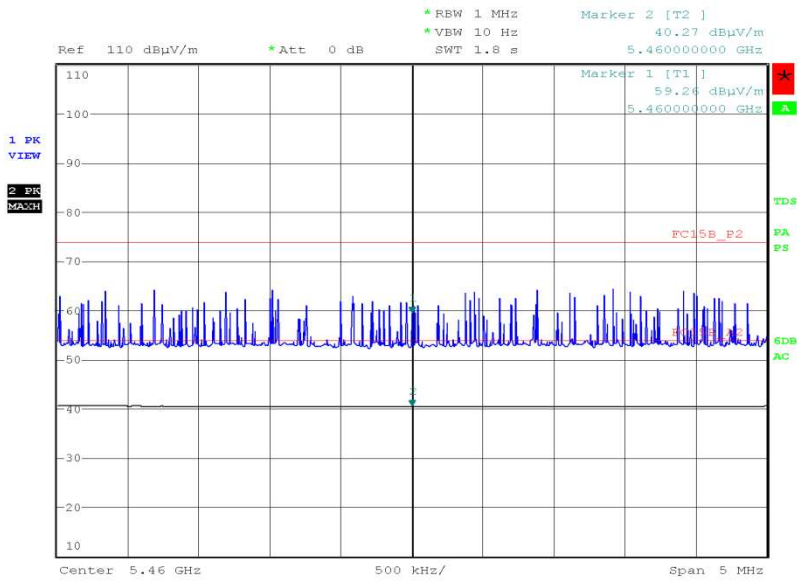
Date: 7.MAR.2012 18:26:39



Product Service

5500 MHz

| Polarisation | Final Peak (dBµV/m) | Final Average (dBµV/m) |
|--------------|---------------------|------------------------|
| Horizontal   | 59.26               | 40.27                  |



Date: 7.MAR.2012 18:40:34

Limit

| Peak (dBµV/m) | Average (dBµV/m) |
|---------------|------------------|
| 74.0          | 54.0             |

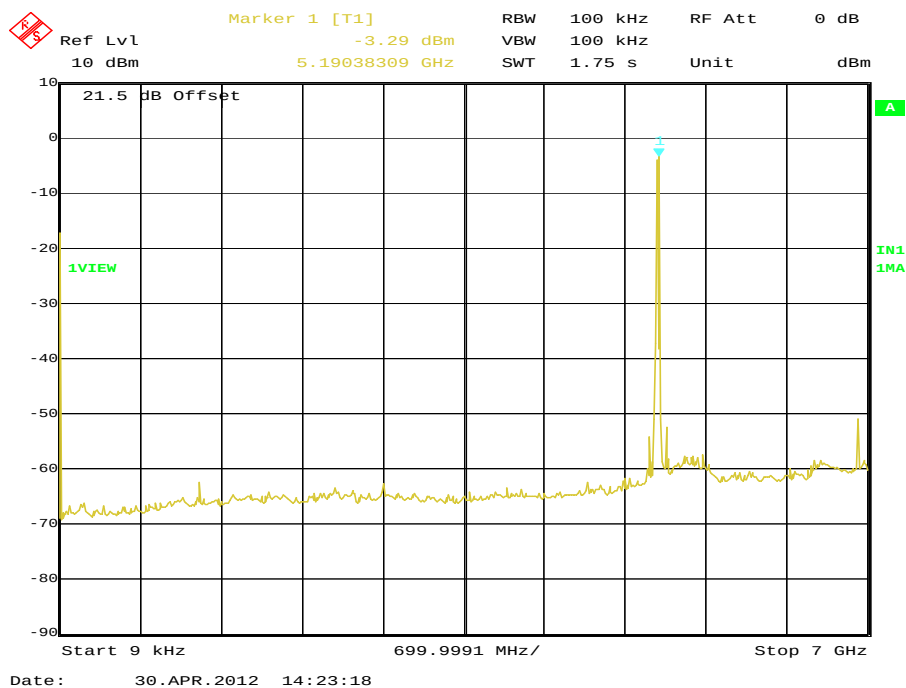




Product Service

802.11(n) - 5 GHz – Conducted

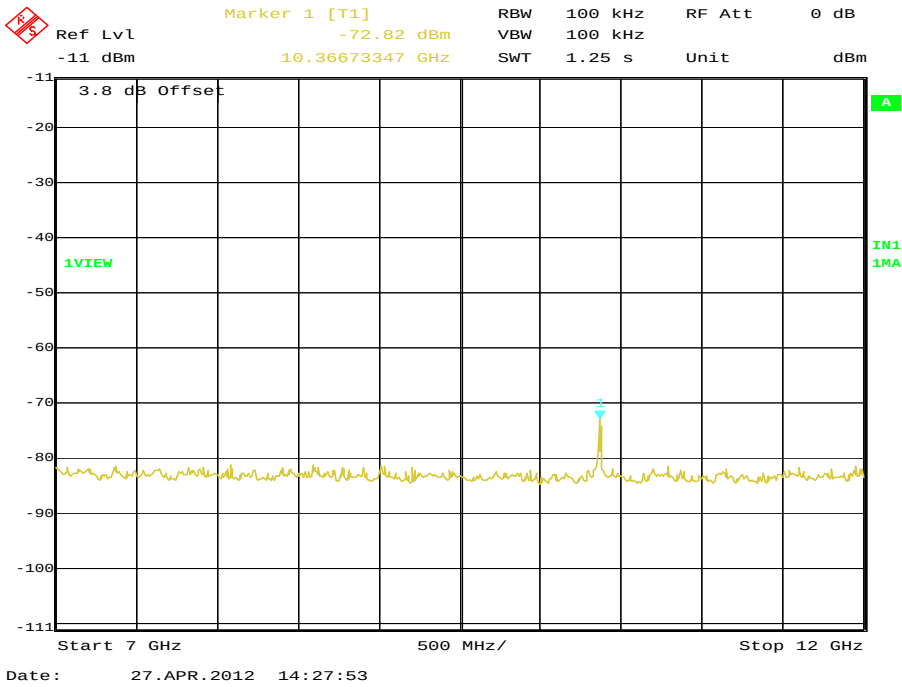
4V, 3.3V, 1.2V DC Supply

Spurious Conducted EmissionsFrequency Band 121.70 Mbps5180 MHz9 kHz to 7 GHz

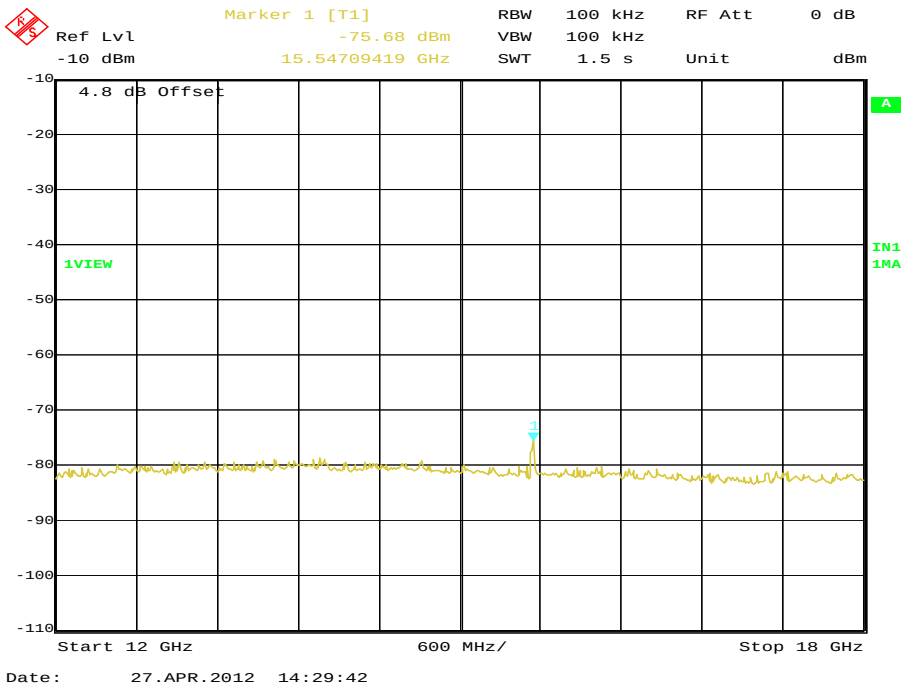


Product Service

7 GHz to 12 GHz



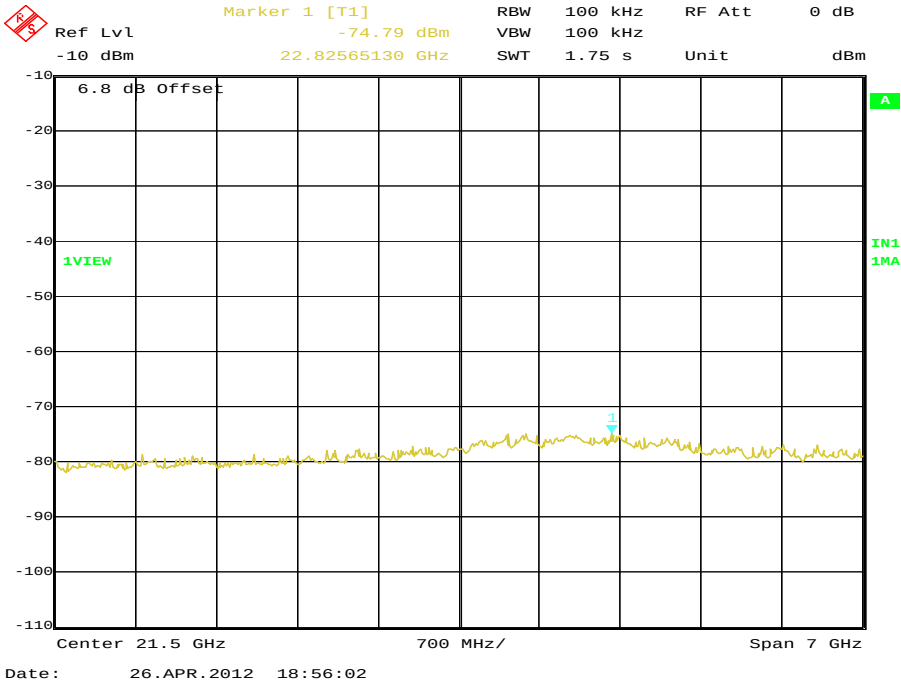
12 GHz to 18 GHz



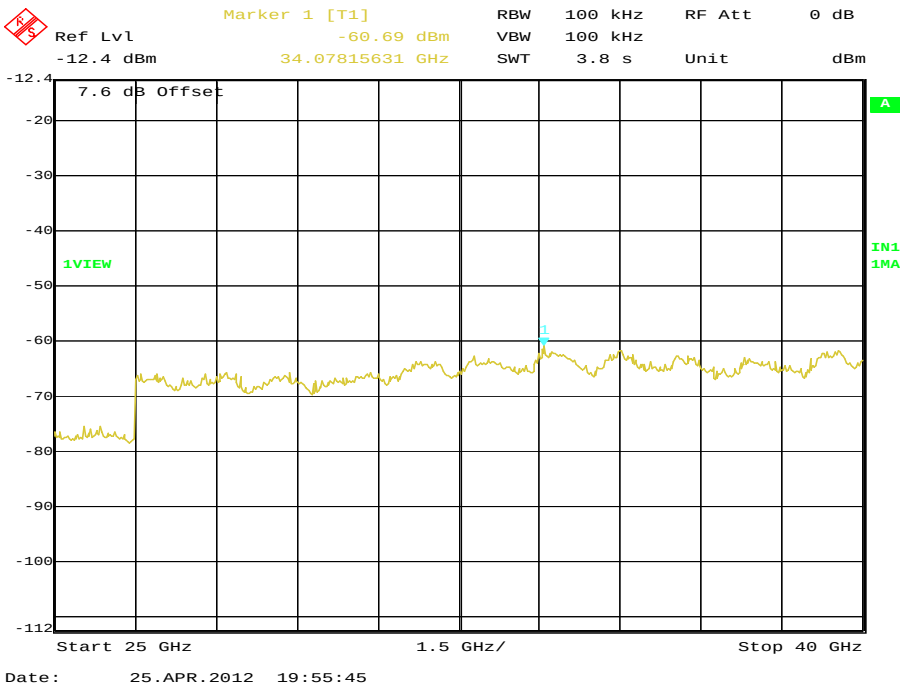


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

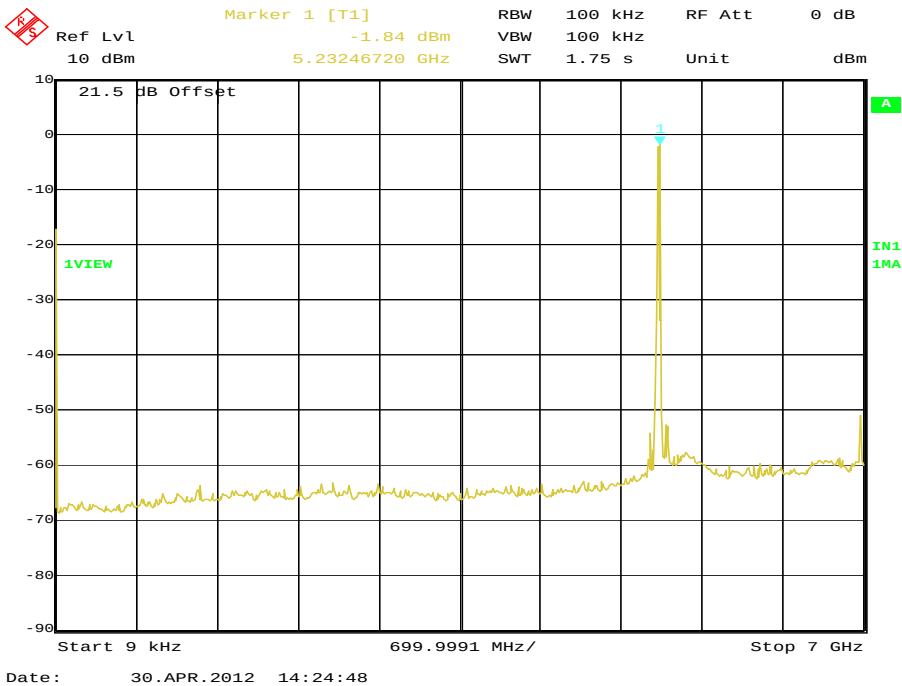




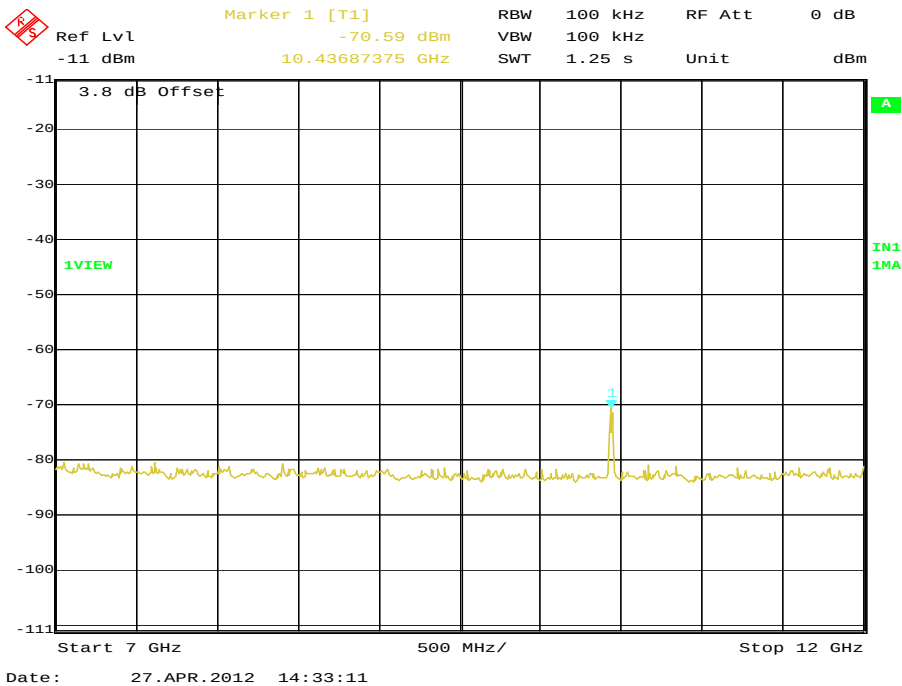
Product Service

5220 MHz

9 kHz to 7 GHz



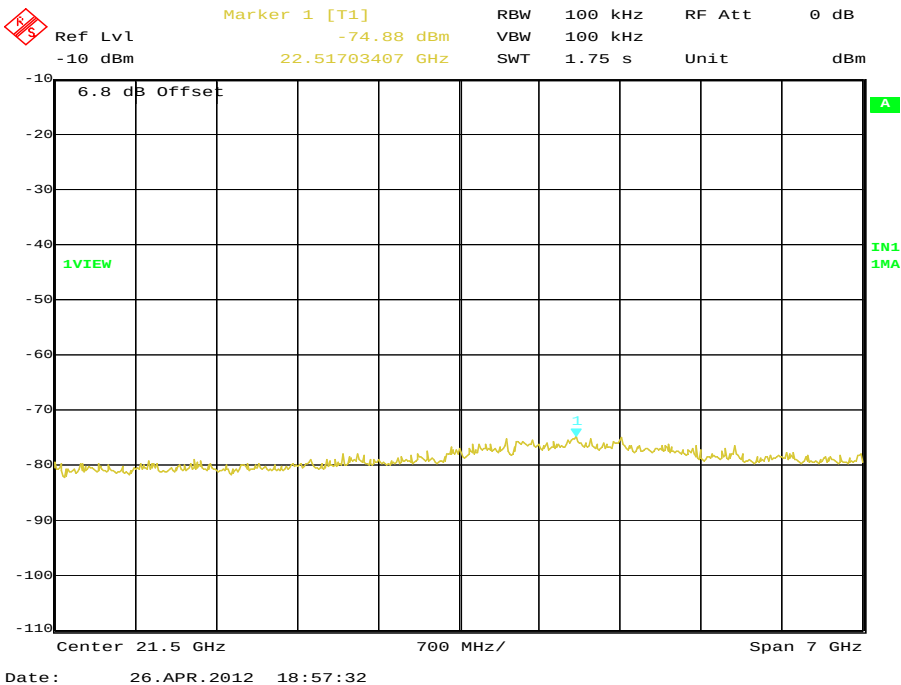
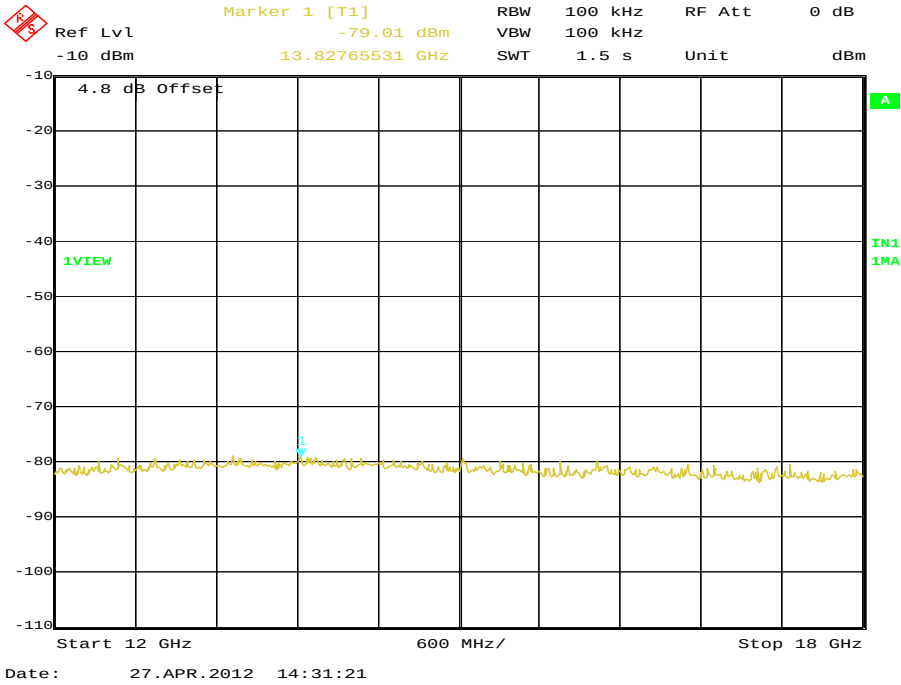
7 GHz to 12 GHz





Product Service

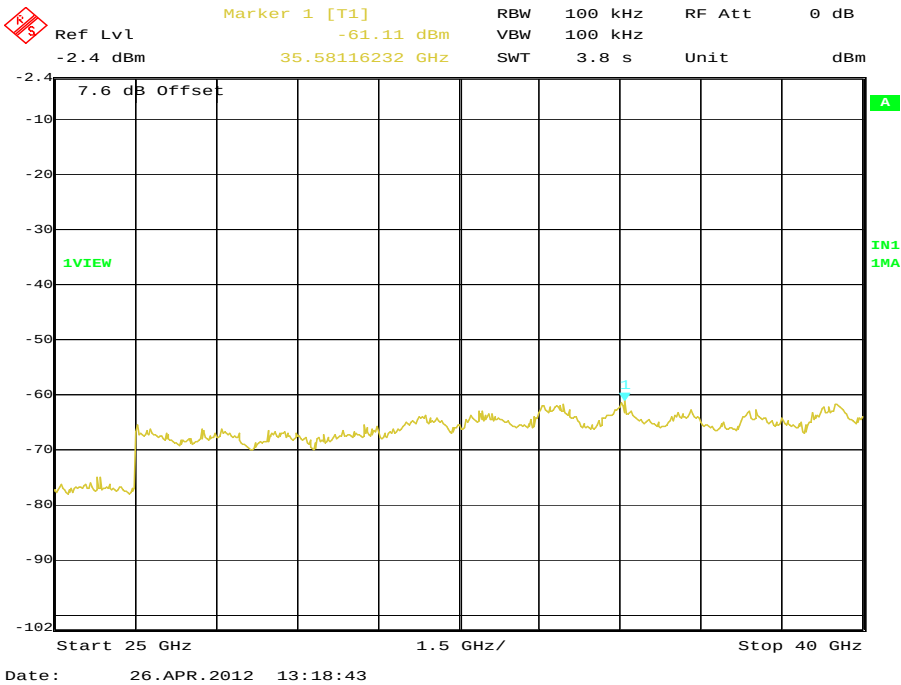
12 GHz to 18 GHz





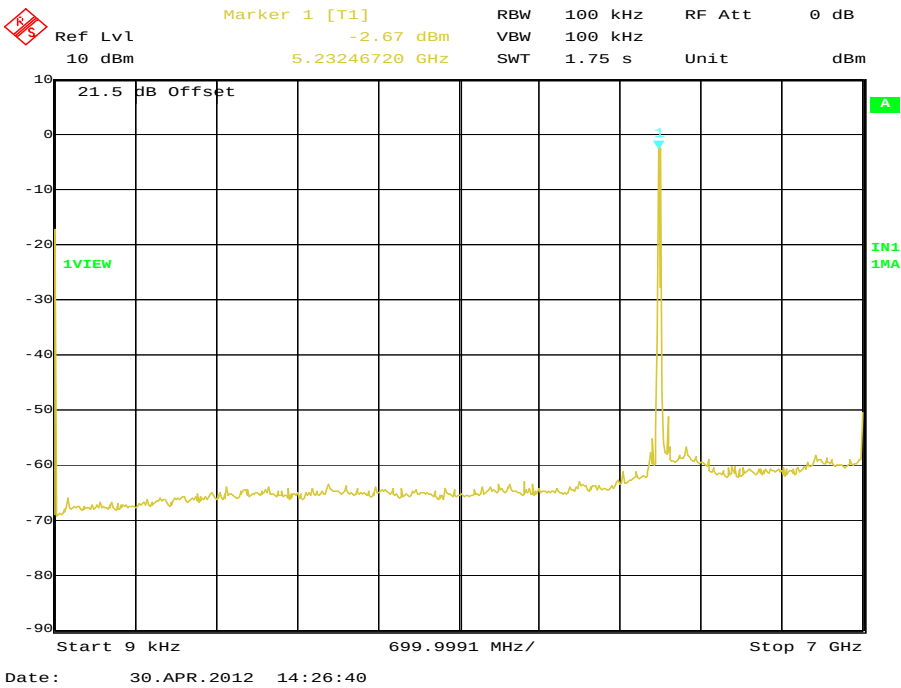
Product Service

25 GHz to 40 GHz



5240 MHz

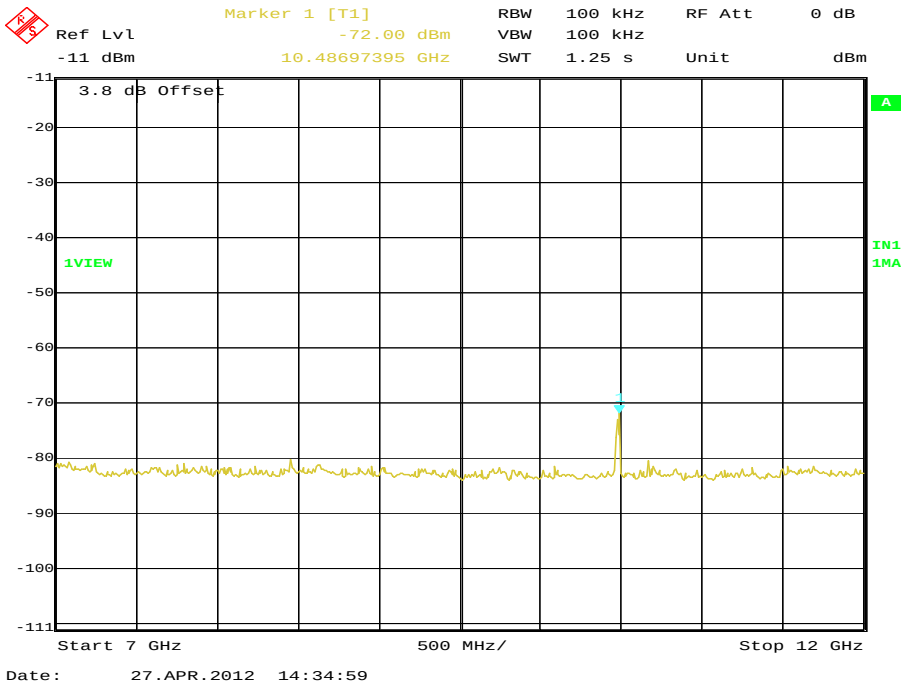
9 kHz to 7 GHz



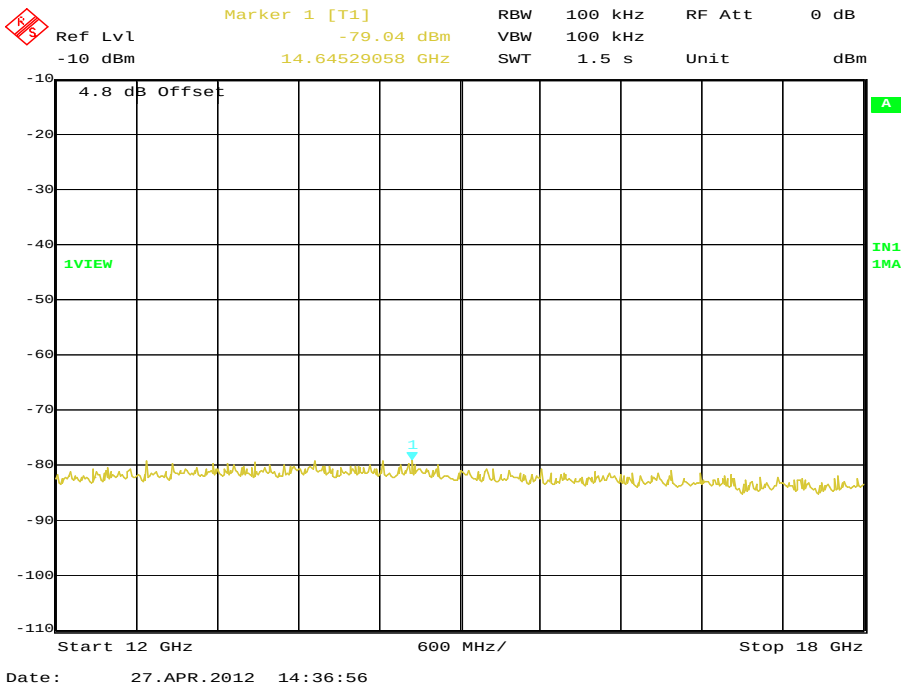


Product Service

7 GHz to 12 GHz



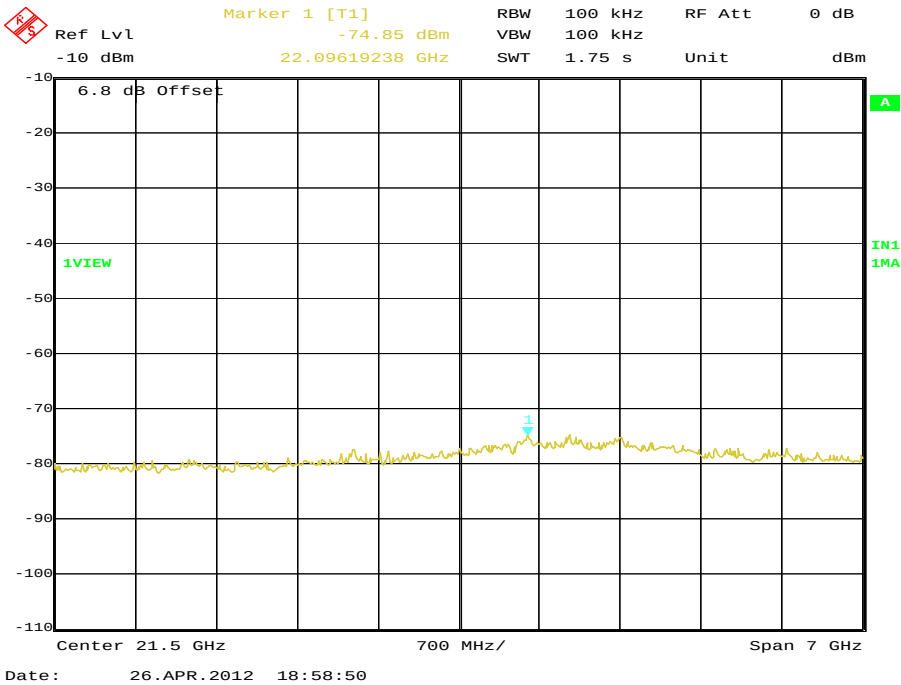
12 GHz to 18 GHz



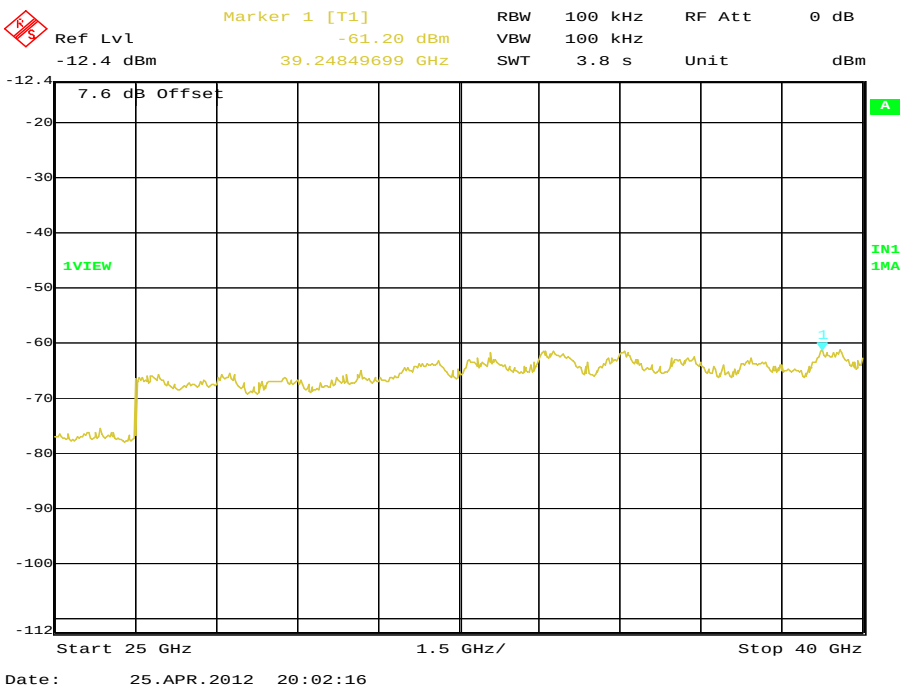


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz





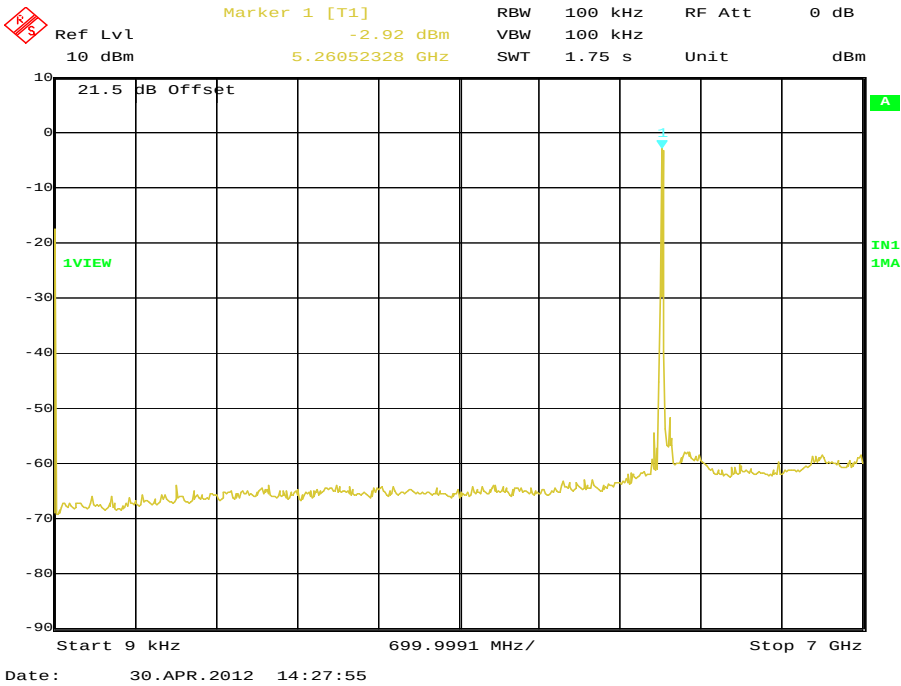


Product Service

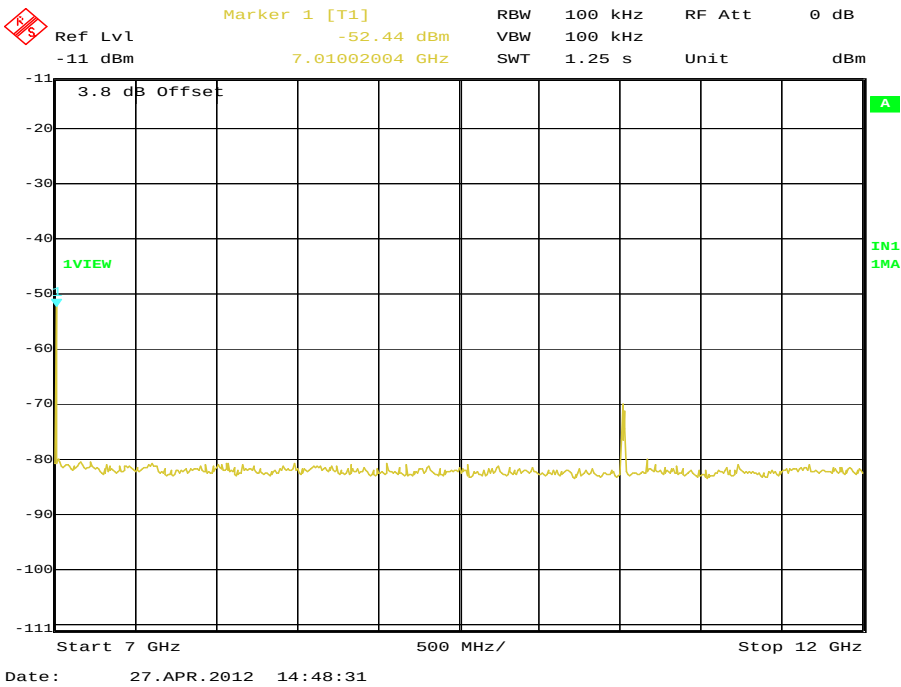
Frequency Band 2

5260 MHz

9 kHz to 7 GHz

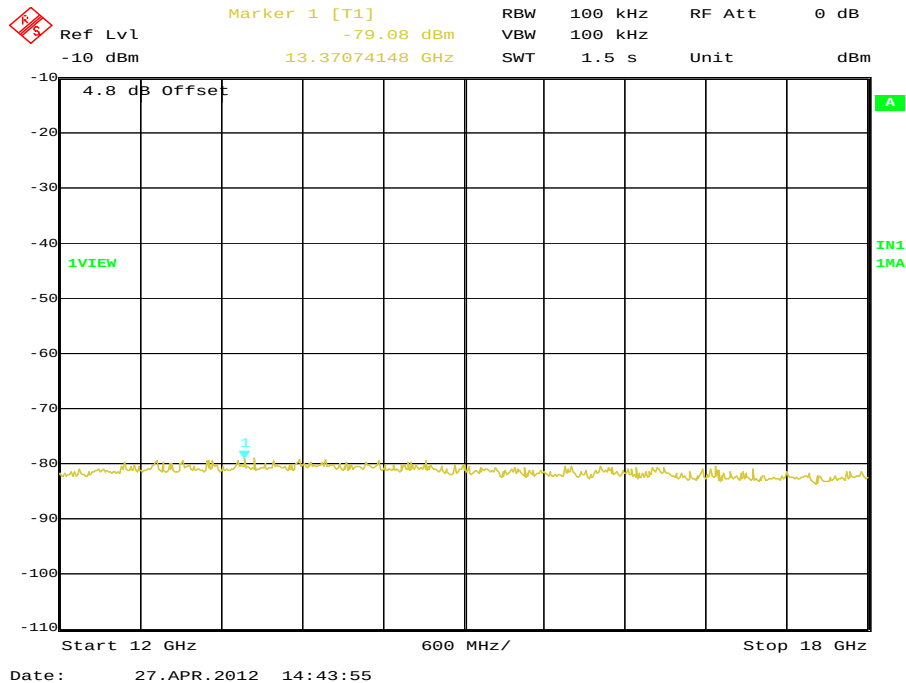
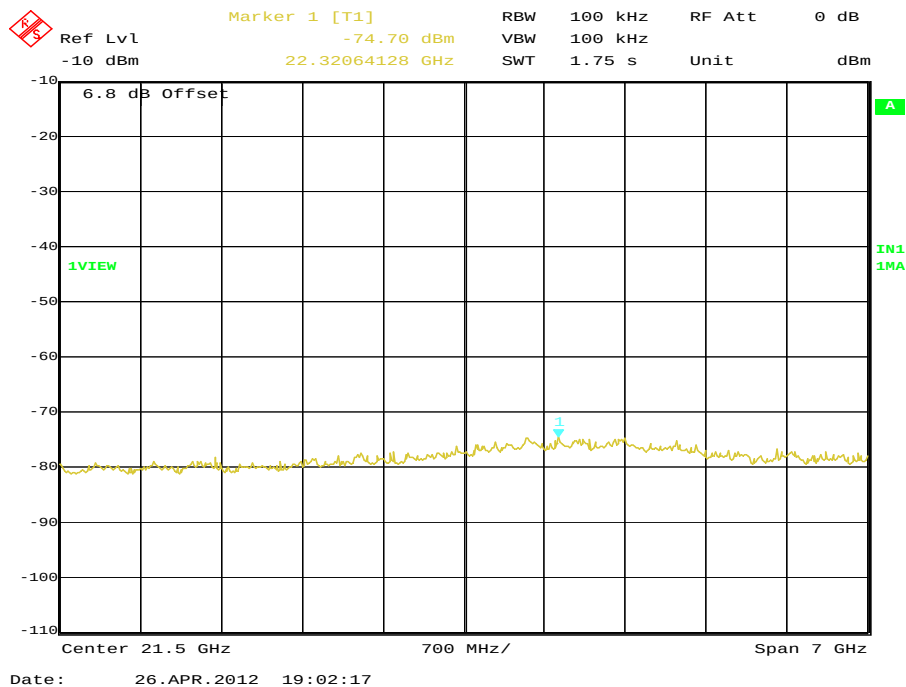


7 GHz to 12 GHz





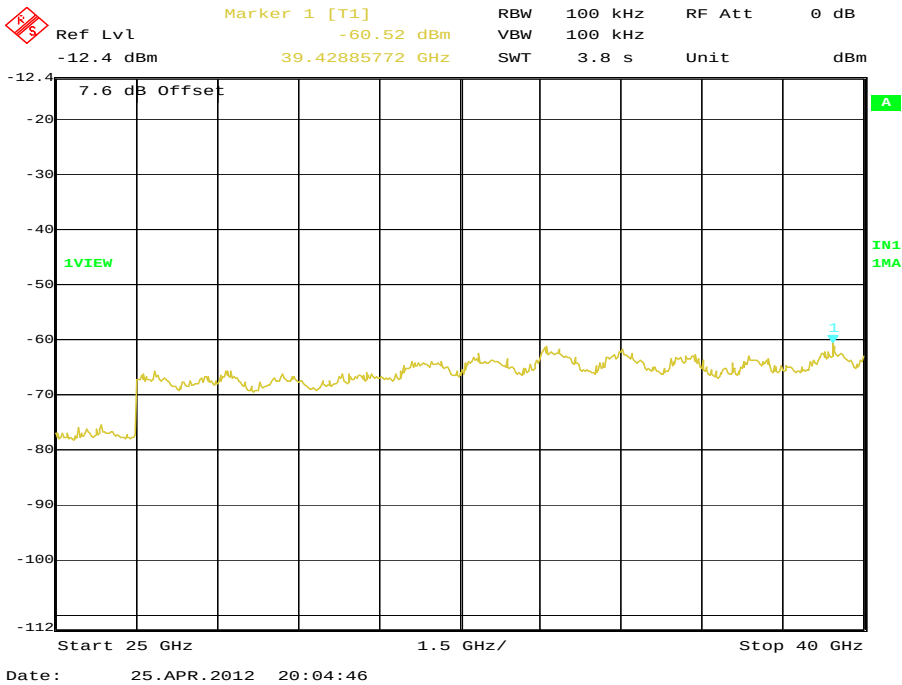
Product Service

12 GHz to 18 GHz18 GHz to 25 GHz



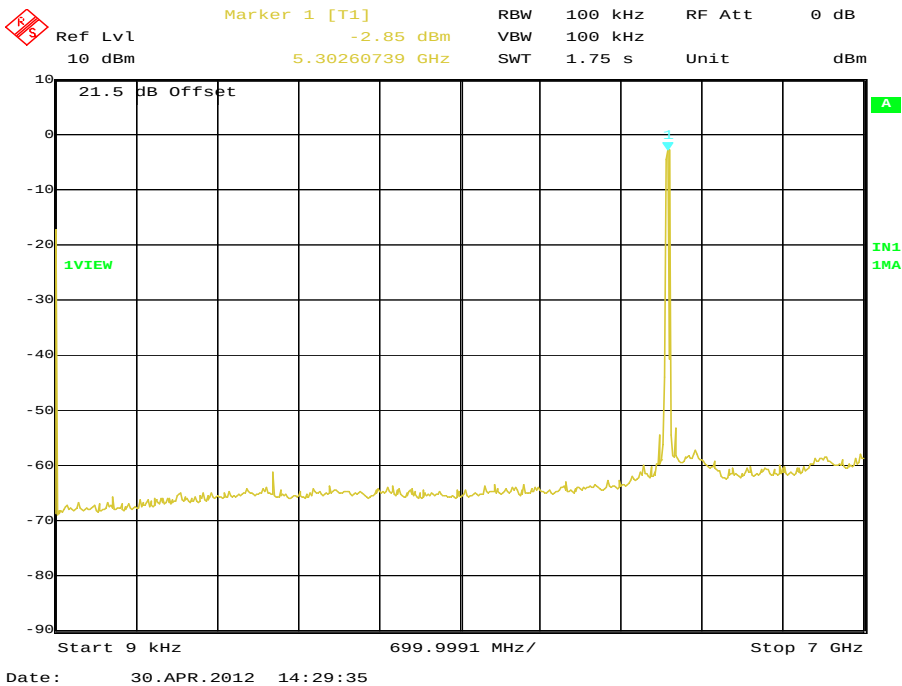
Product Service

25 GHz to 40 GHz



5300 MHz

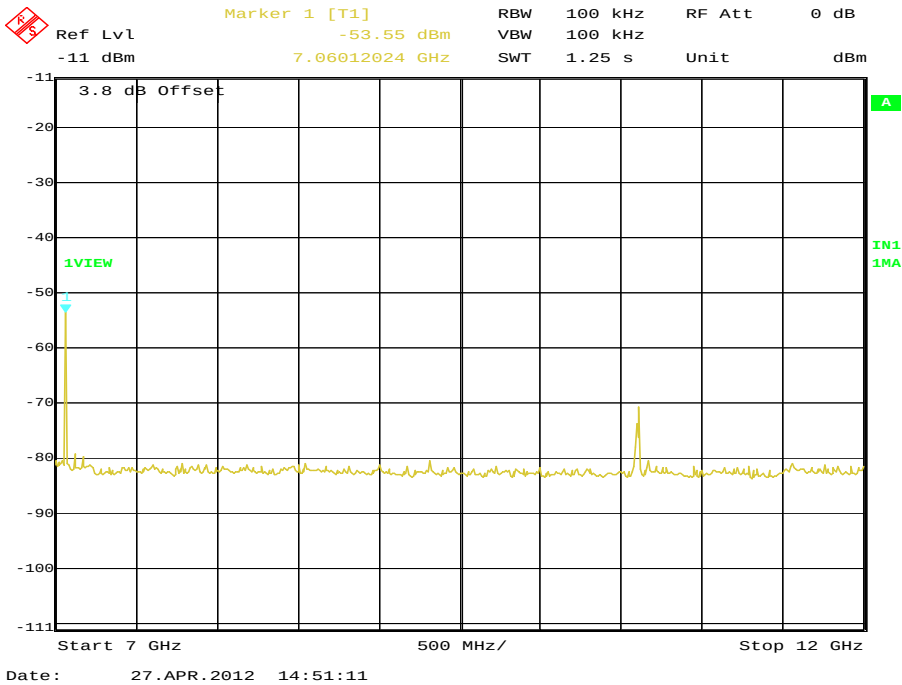
9 kHz to 7 GHz



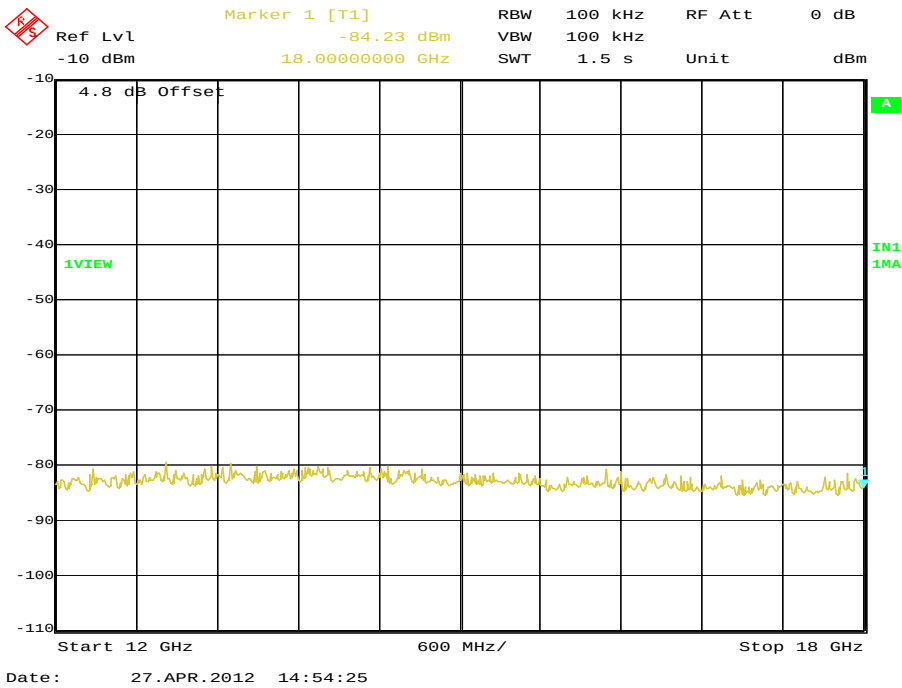


Product Service

7 GHz to 12 GHz



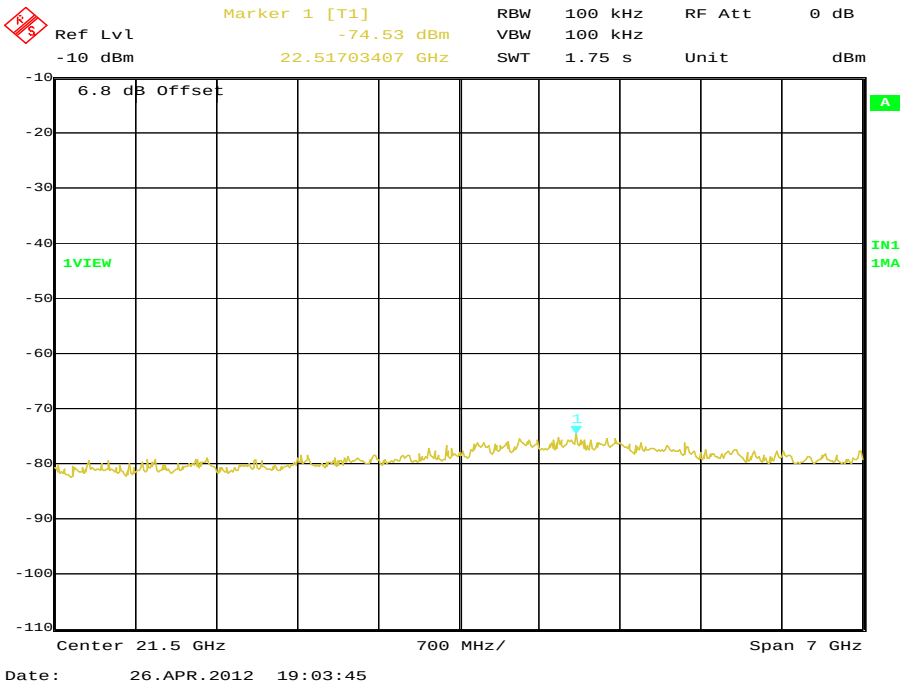
12 GHz to 18 GHz



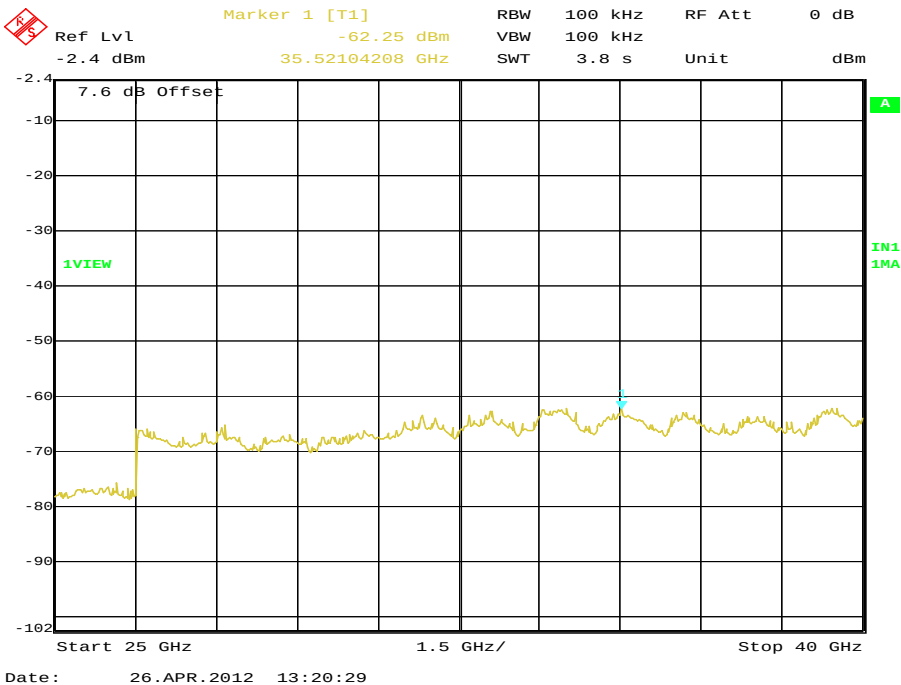


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

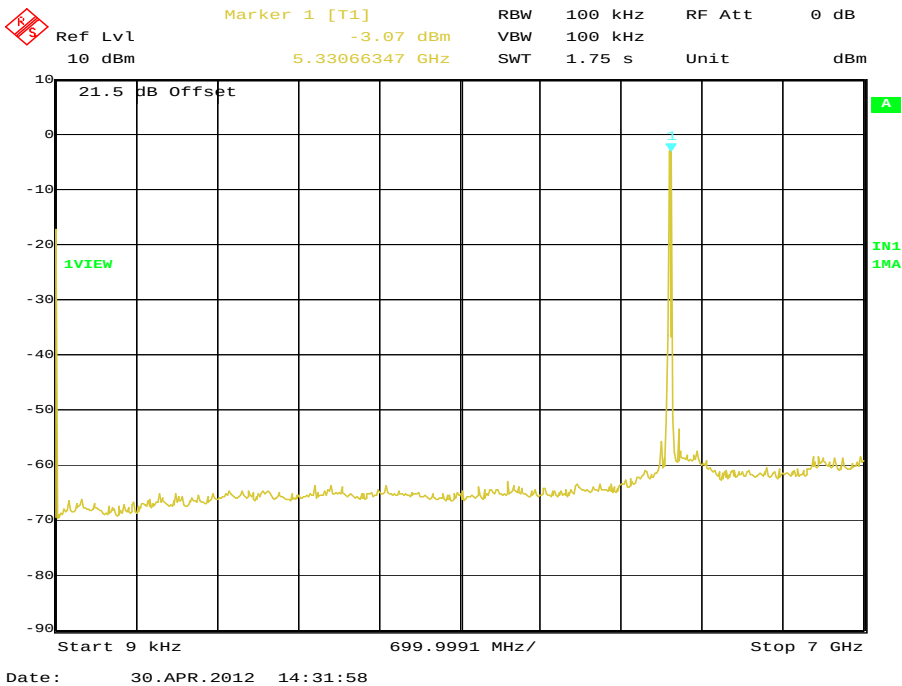




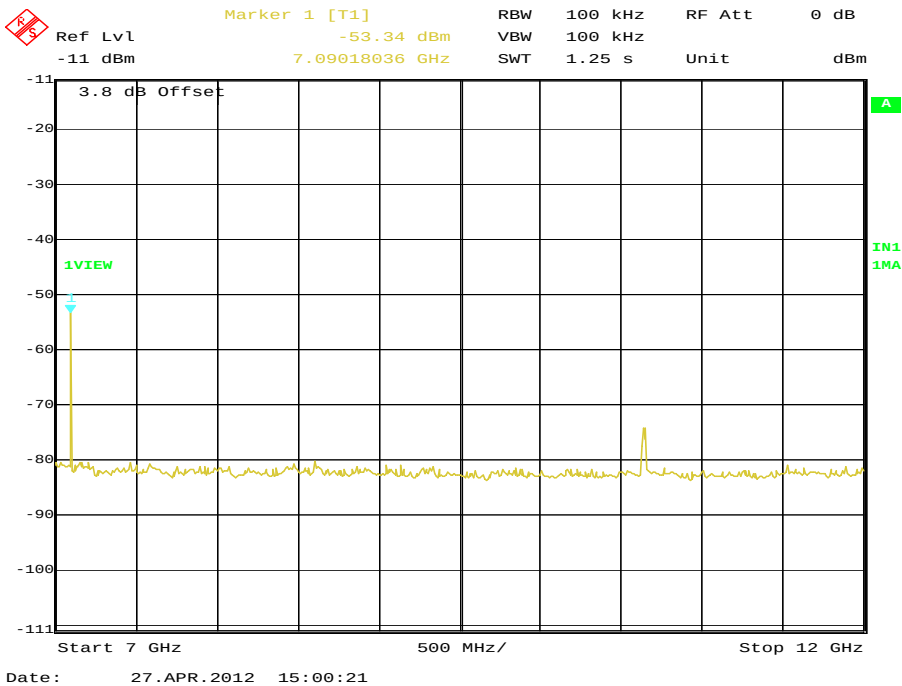
Product Service

5320 MHz

9 kHz to 7 GHz



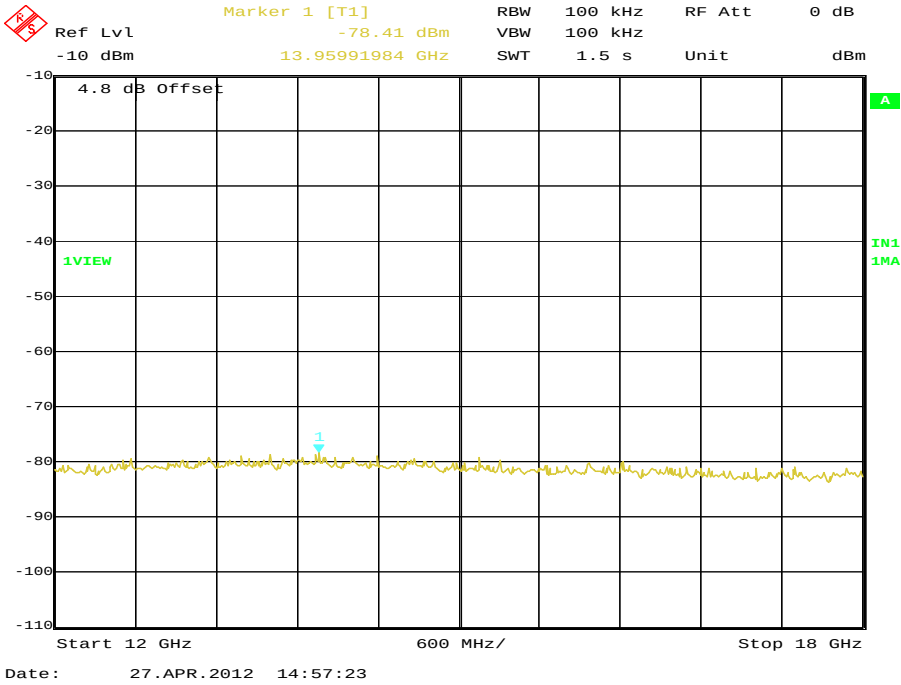
7 GHz to 12 GHz



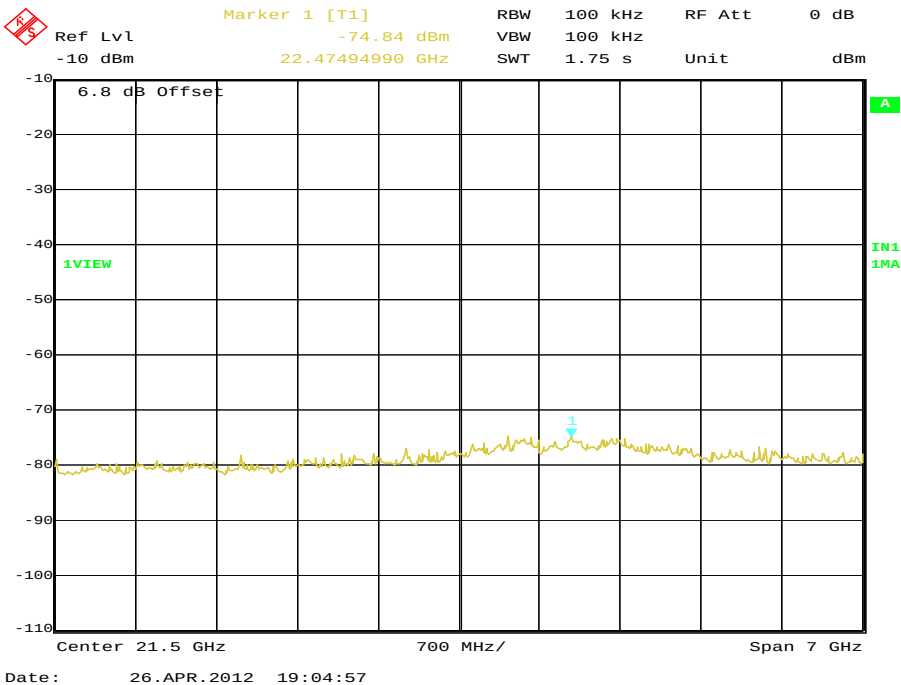


Product Service

12 GHz to 18 GHz



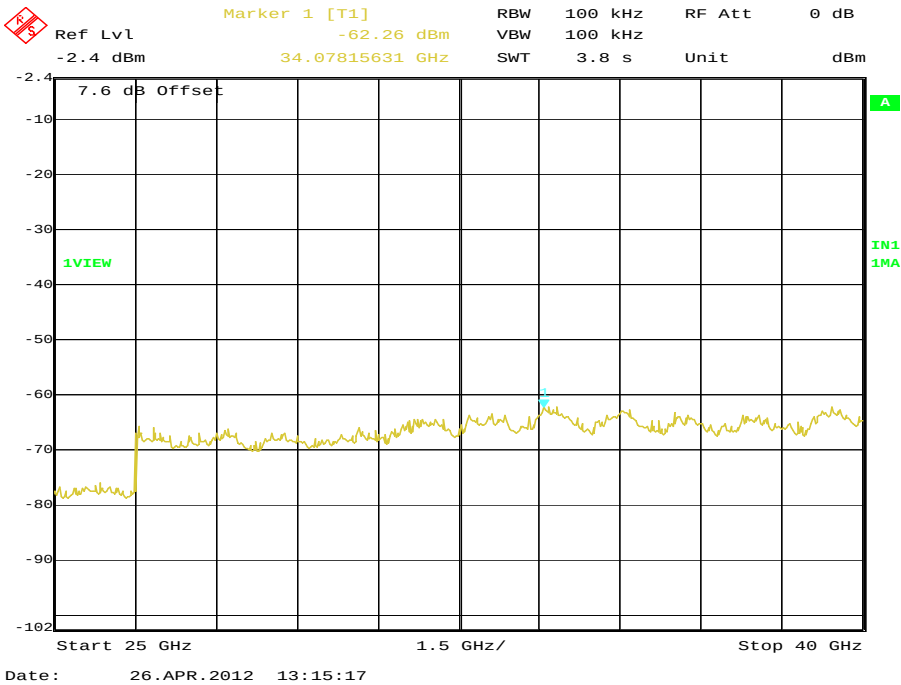
18 GHz to 25 GHz





Product Service

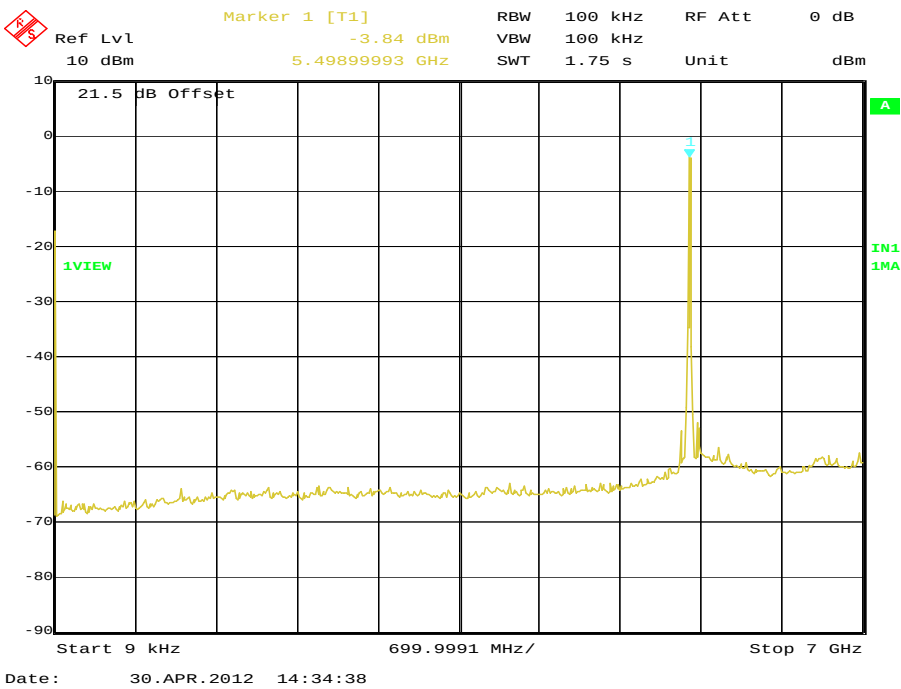
25 GHz to 40 GHz



Frequency Band 3

5500 MHz

9 kHz to 7 GHz

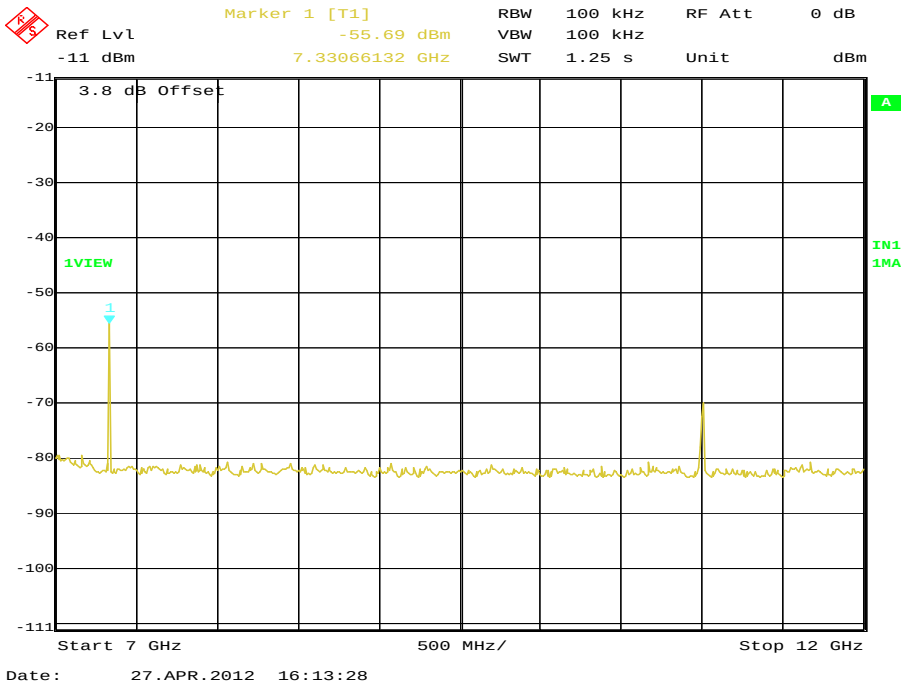




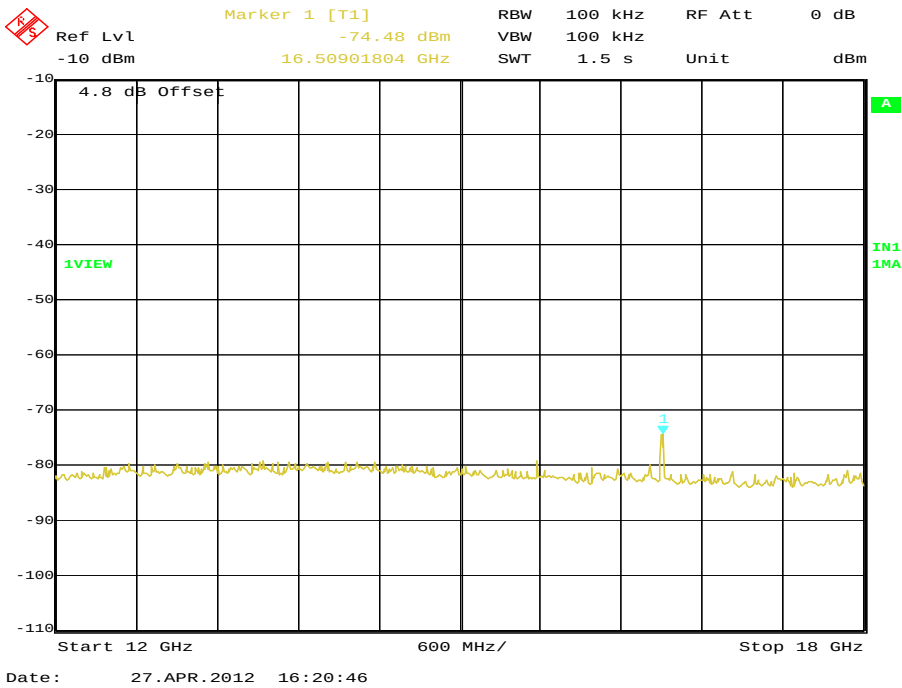


Product Service

7 GHz to 12 GHz



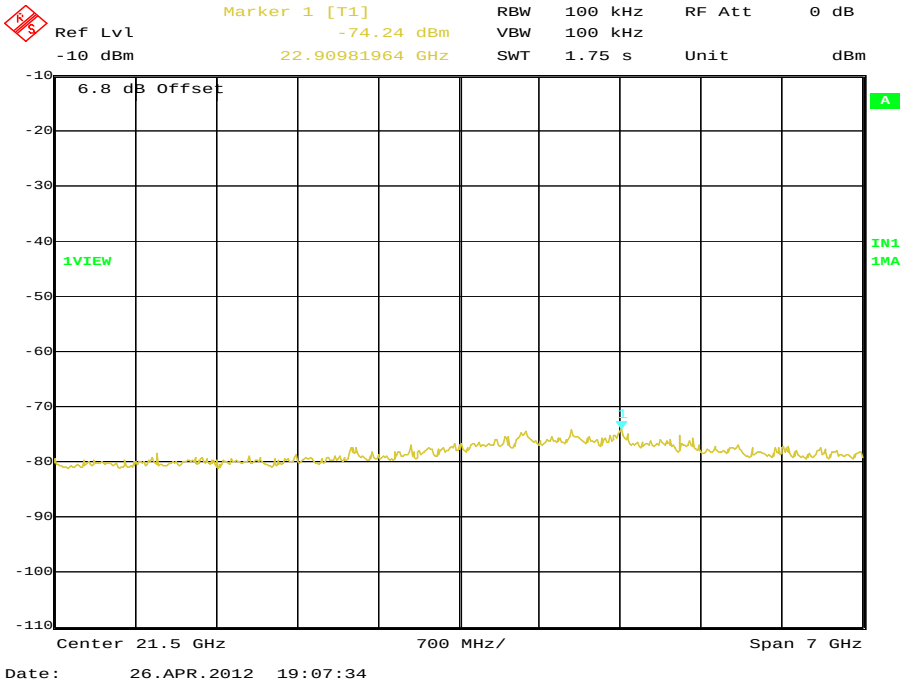
12 GHz to 18 GHz



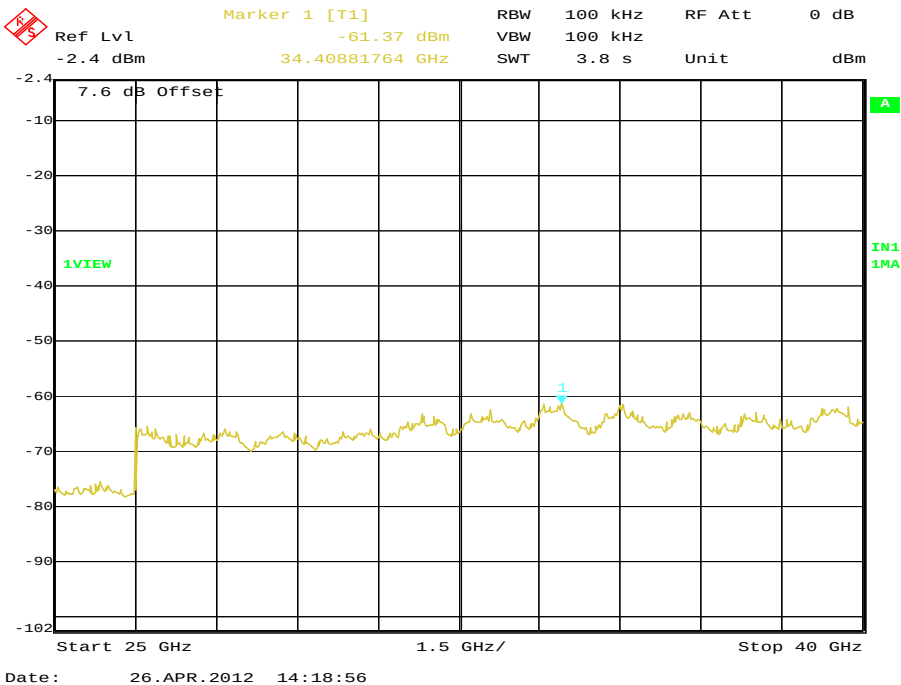


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

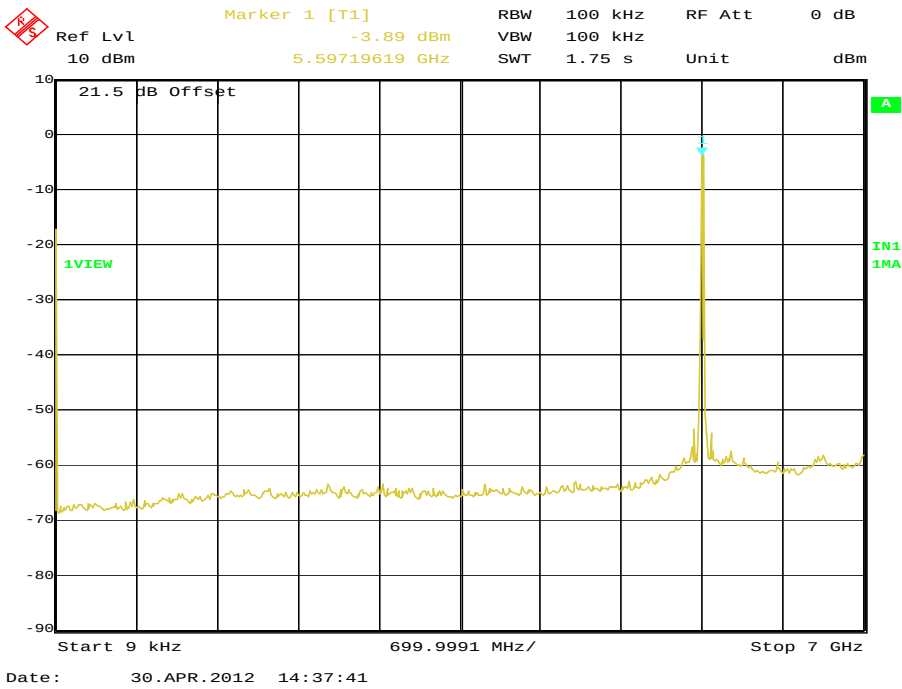




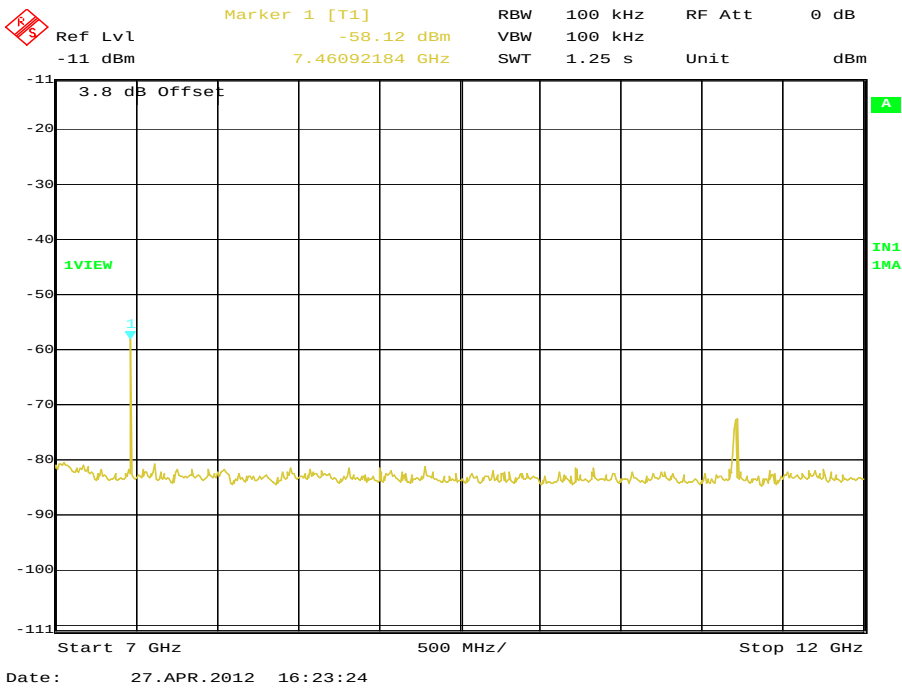
Product Service

5600 MHz

9 kHz to 7 GHz



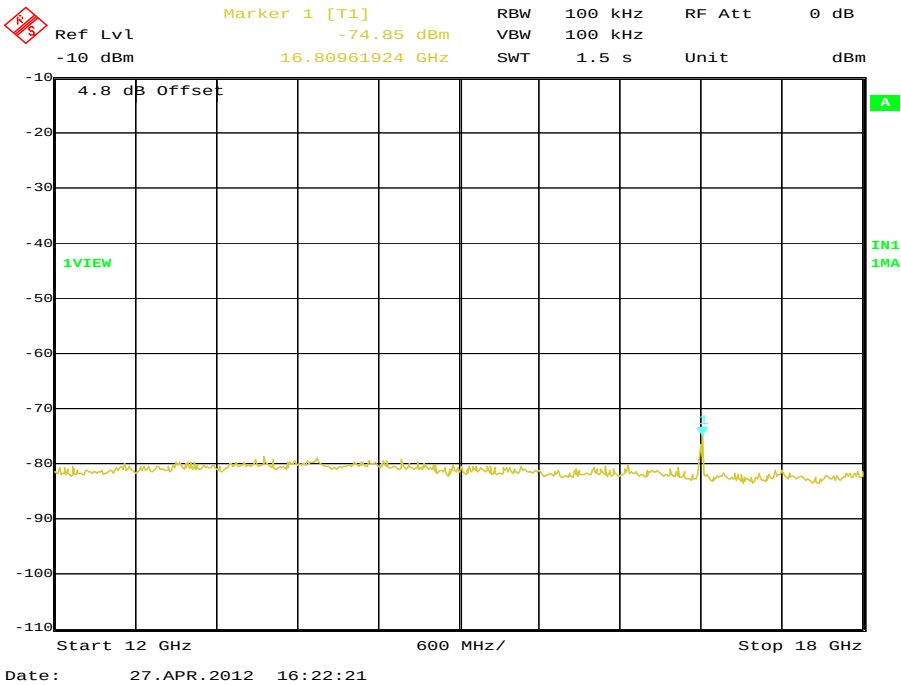
7 GHz to 12 GHz



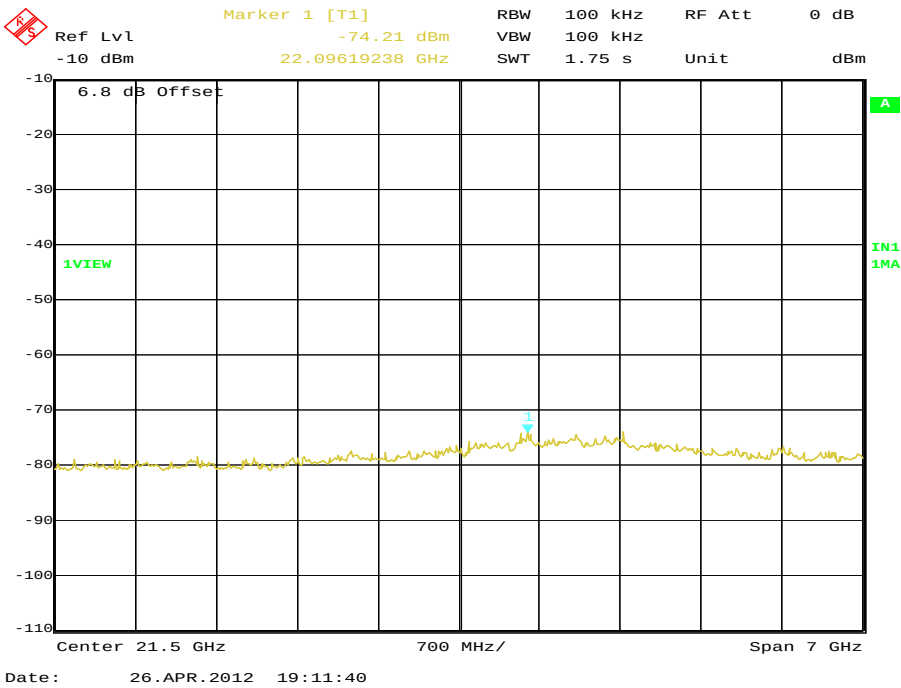


Product Service

12 GHz to 18 GHz



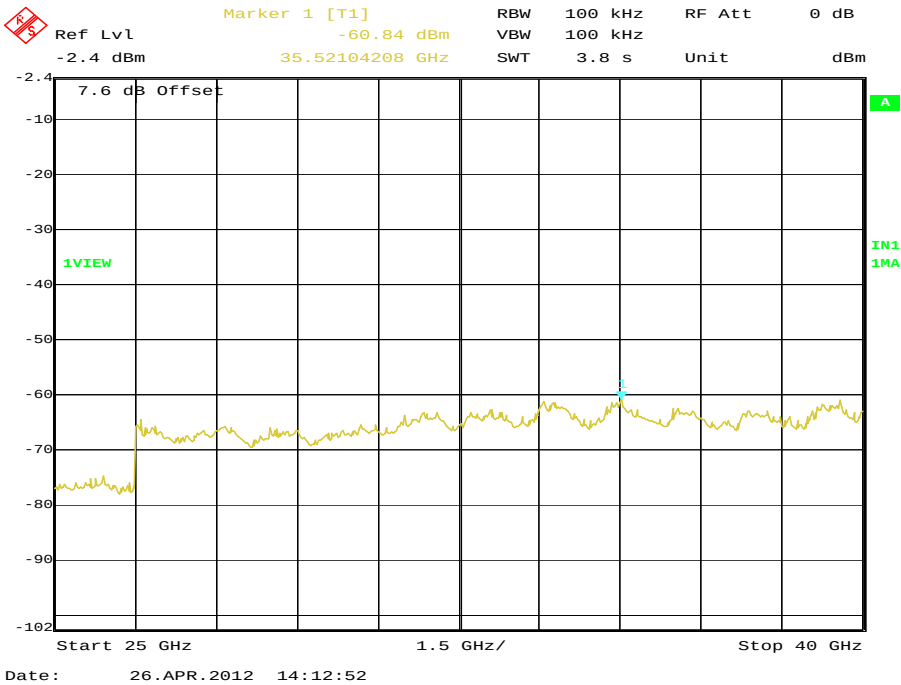
18 GHz to 25 GHz





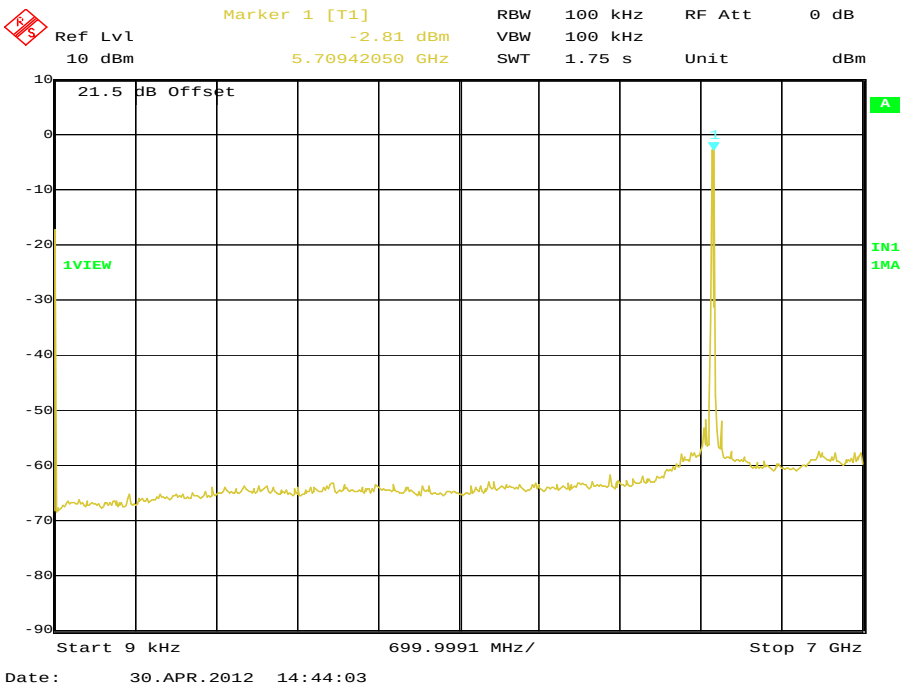
Product Service

25 GHz to 40 GHz



5700 MHz

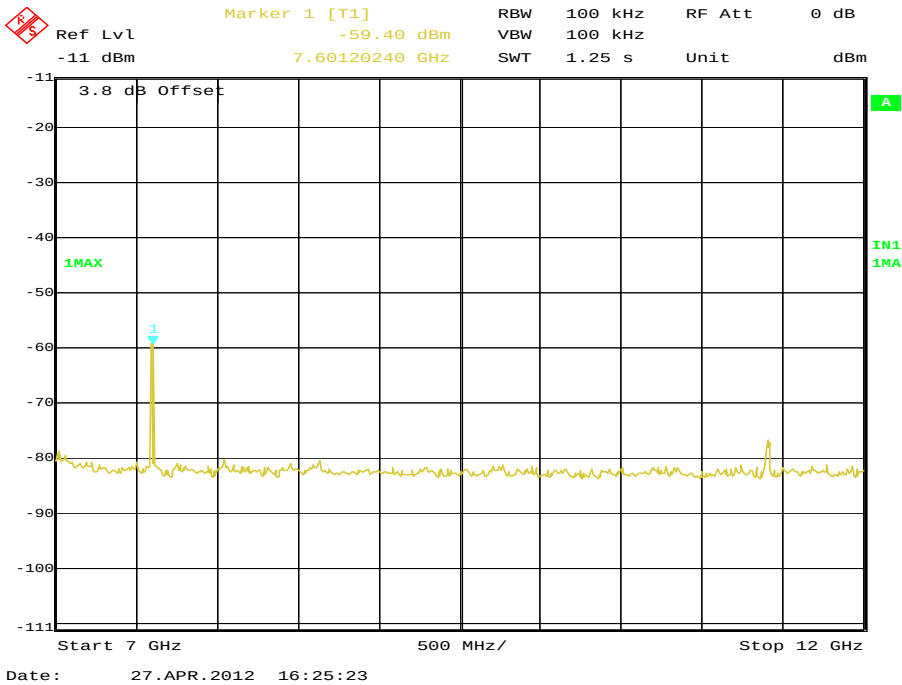
9 kHz to 7 GHz



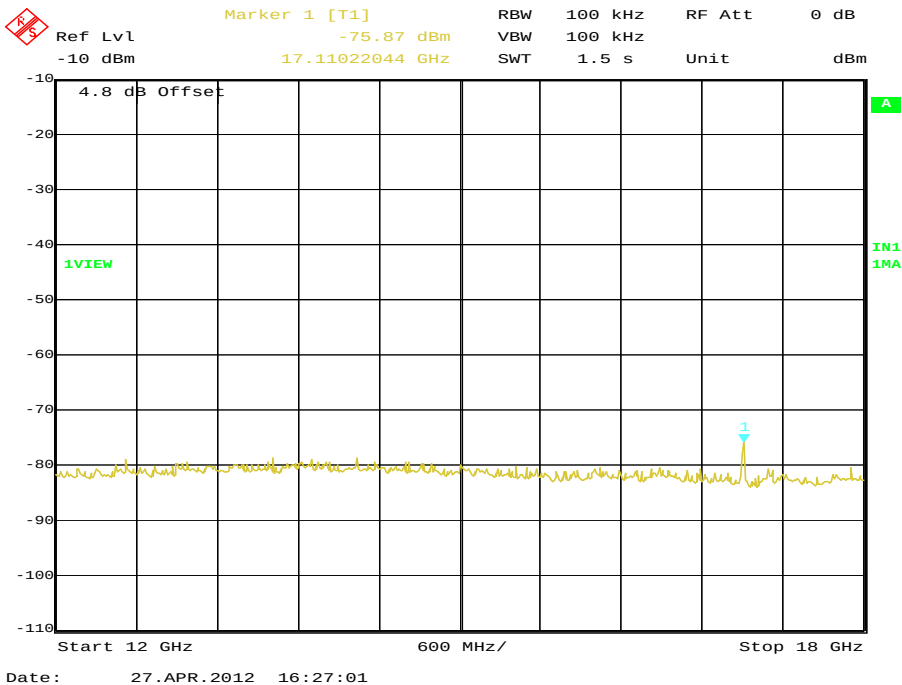


Product Service

7 GHz to 12 GHz



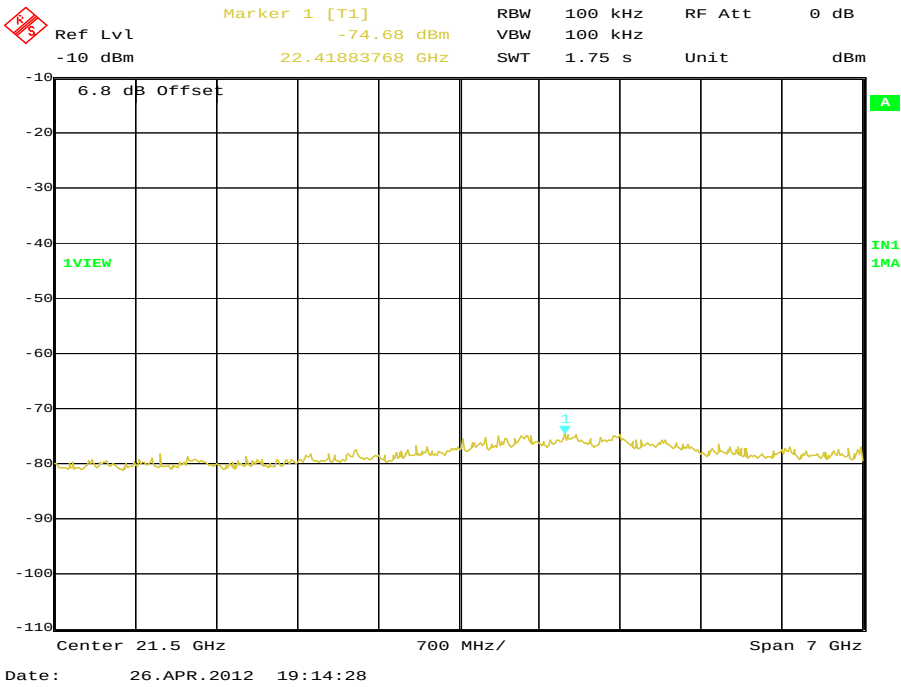
12 GHz to 18 GHz



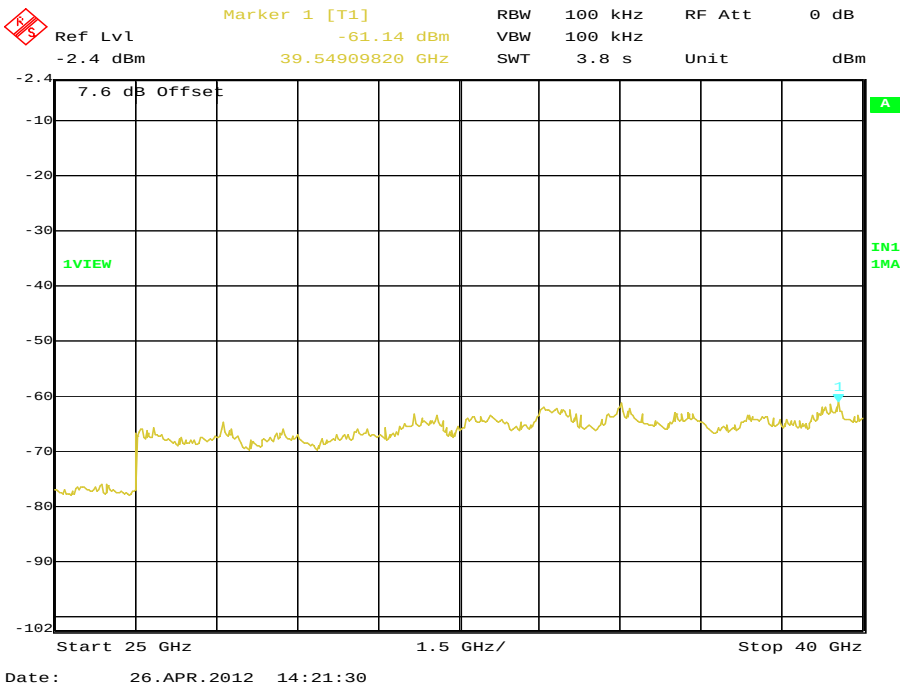


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz



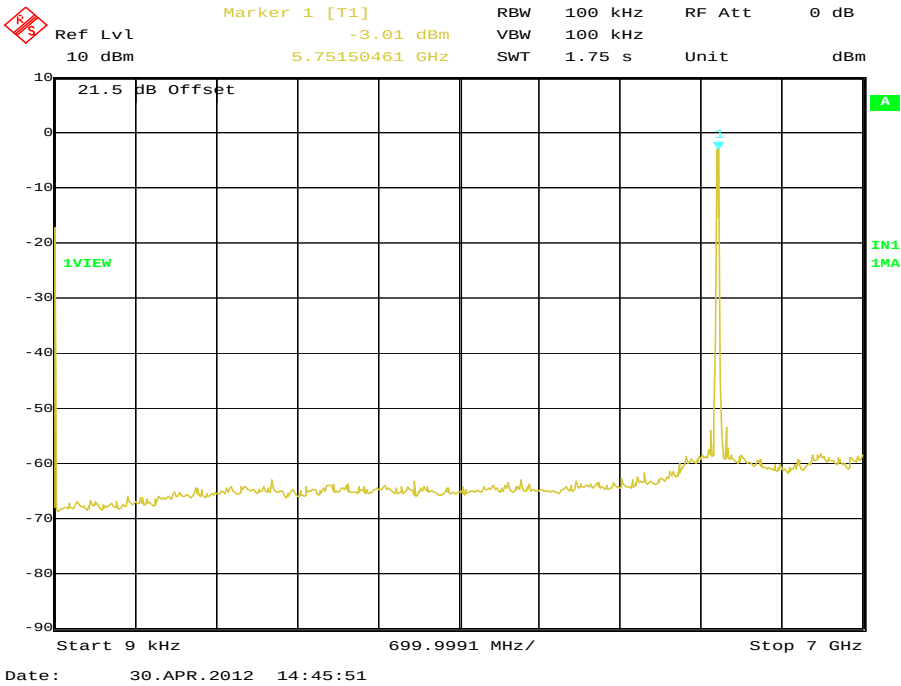


Product Service

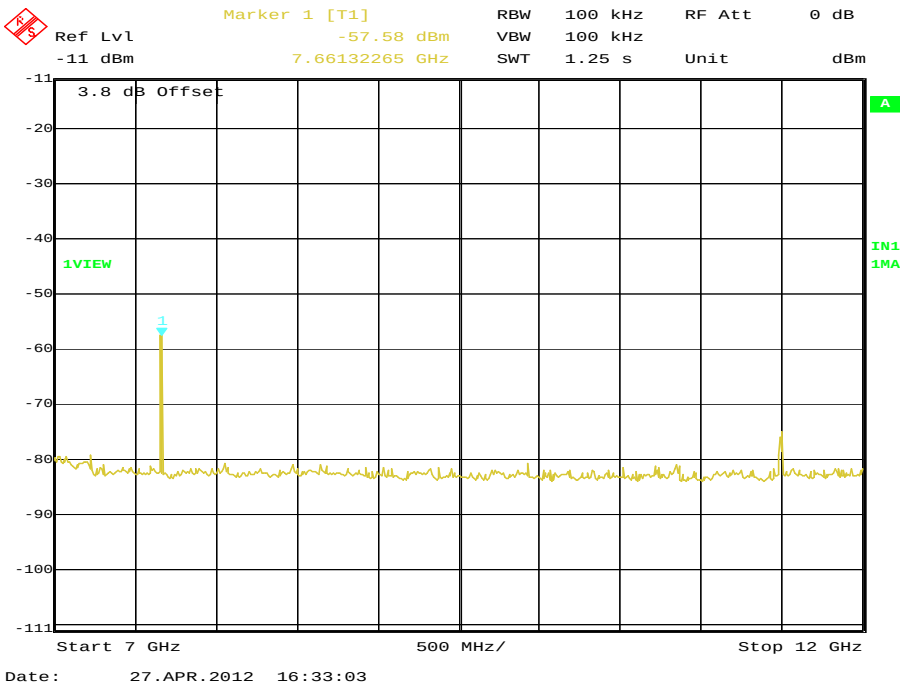
Frequency Band 4

5745 MHz

9 kHz to 7 GHz



7 GHz to 12 GHz

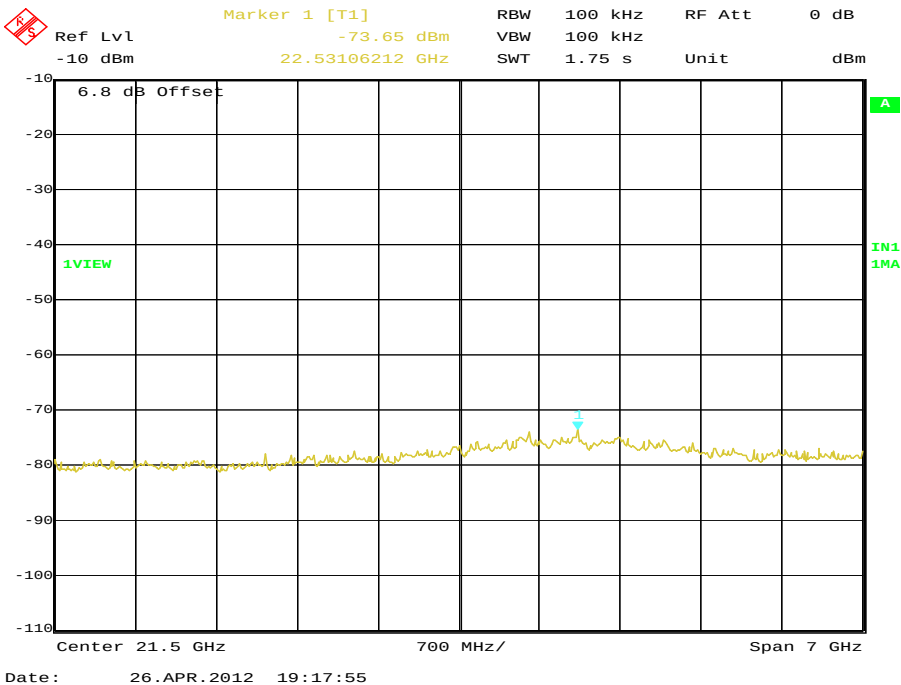
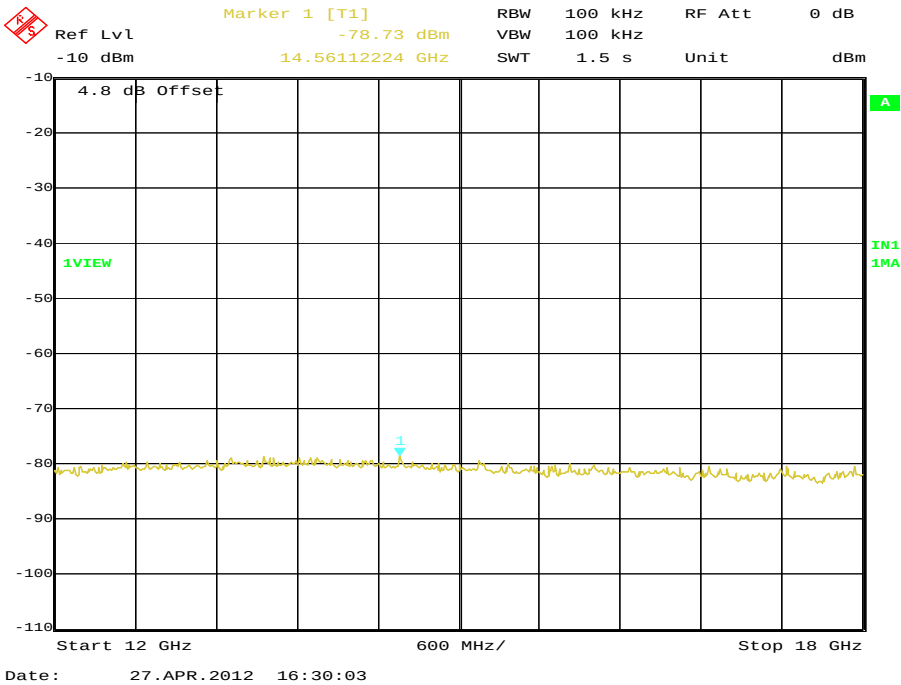






Product Service

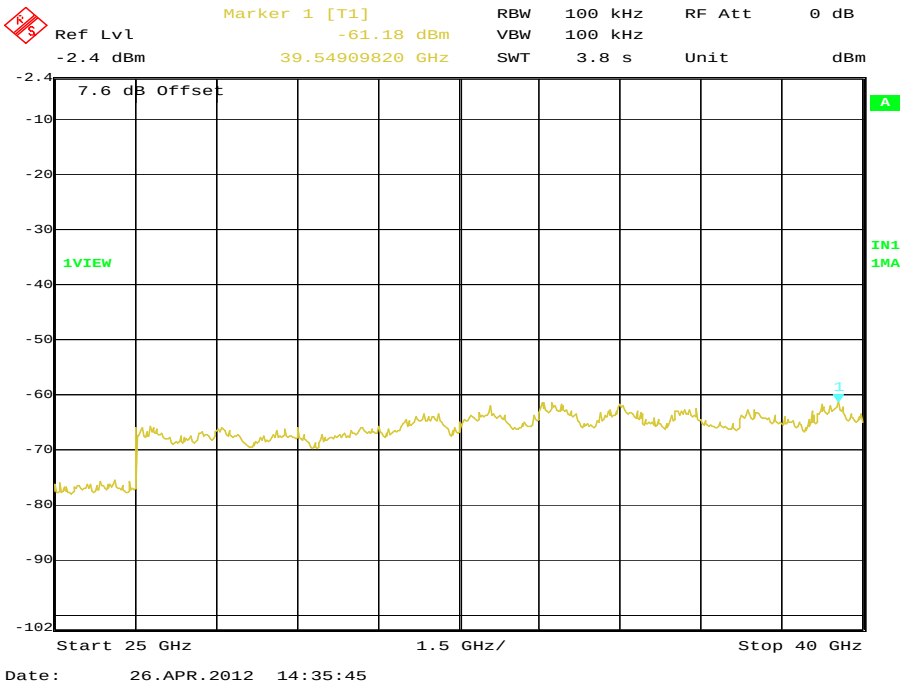
12 GHz to 18 GHz





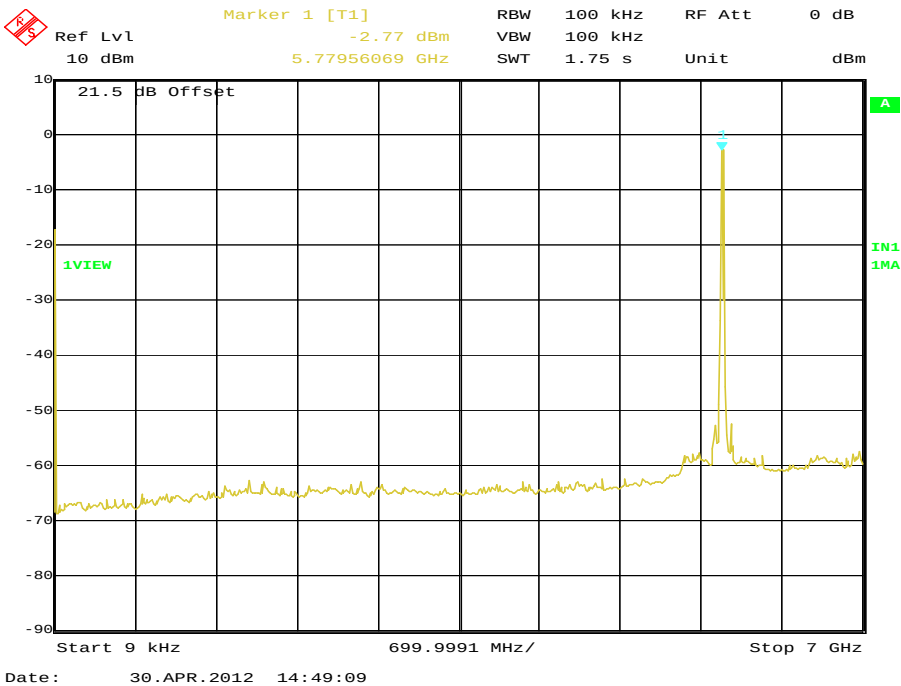
Product Service

25 GHz to 40 GHz



5765 MHz

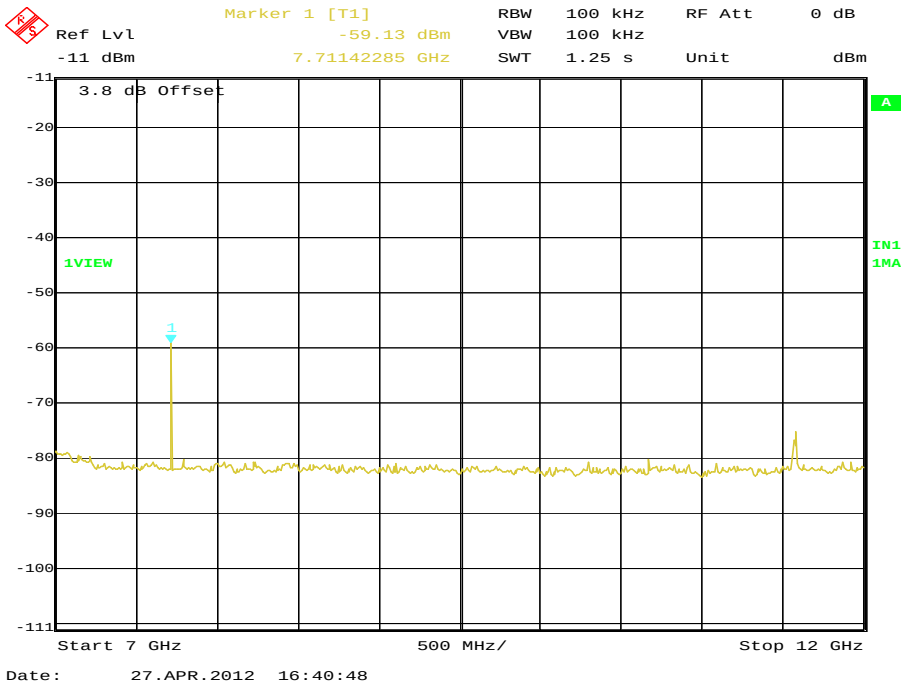
9 kHz to 7 GHz



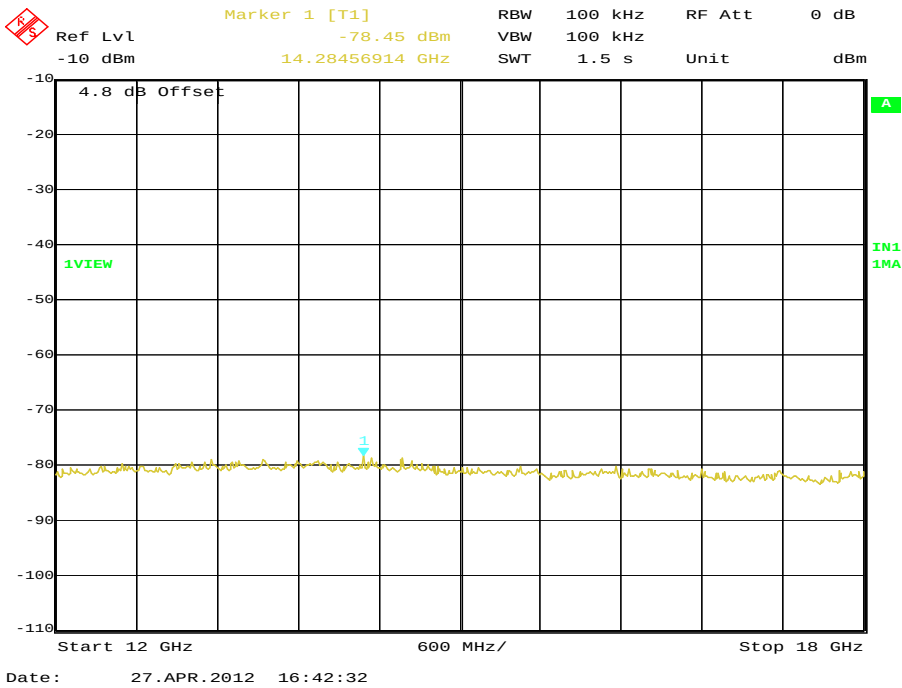


Product Service

7 GHz to 12 GHz

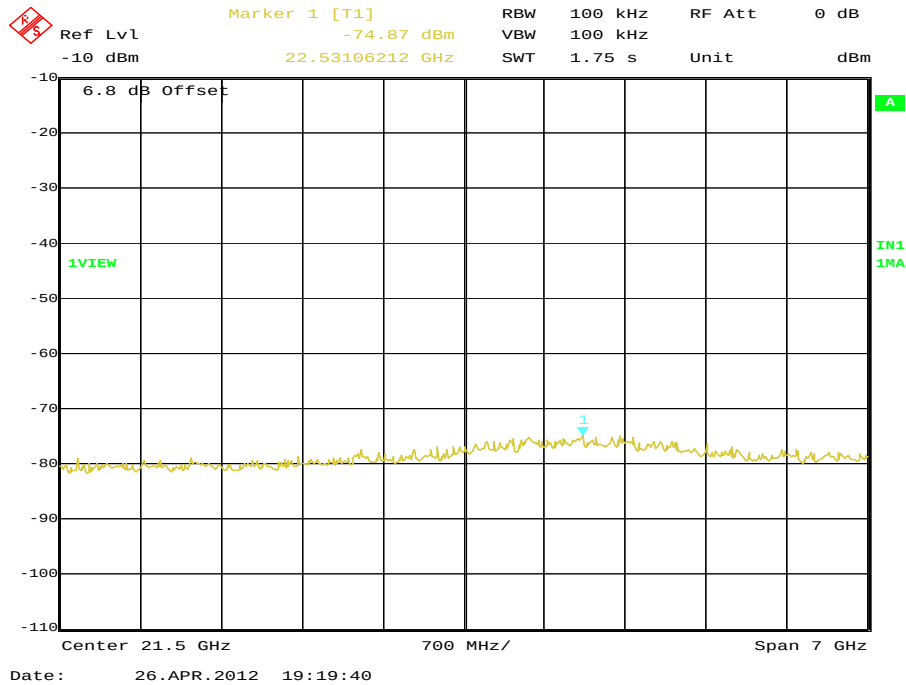


12 GHz to 18 GHz

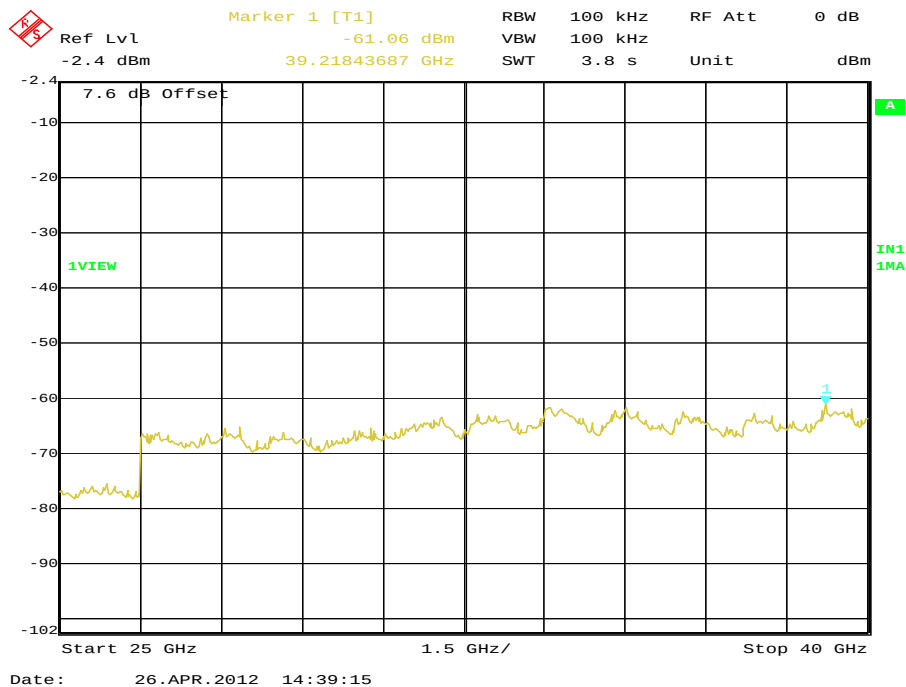




18 GHz to 25 GHz



25 GHz to 40 GHz

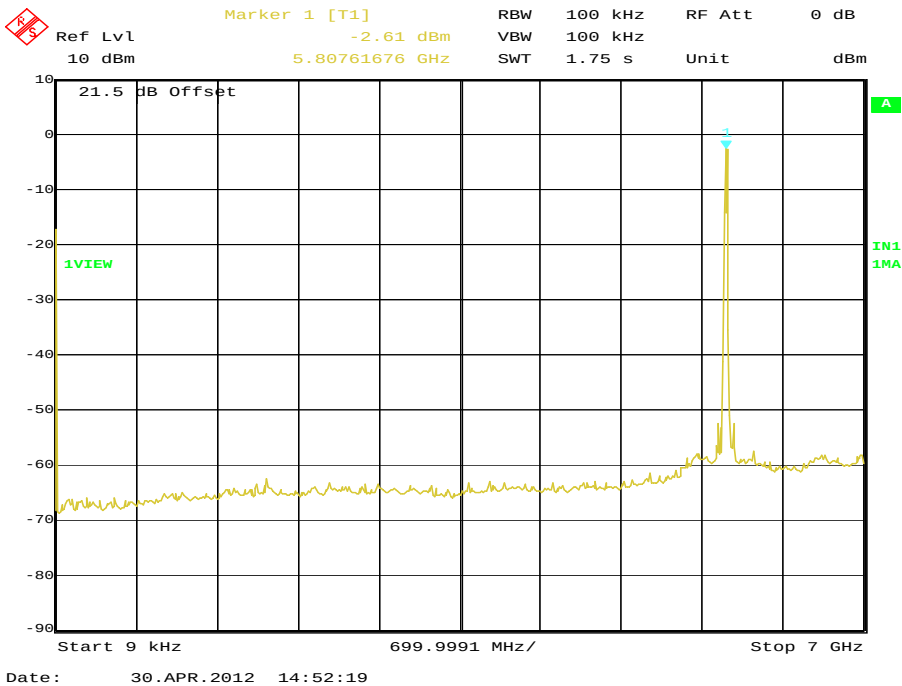




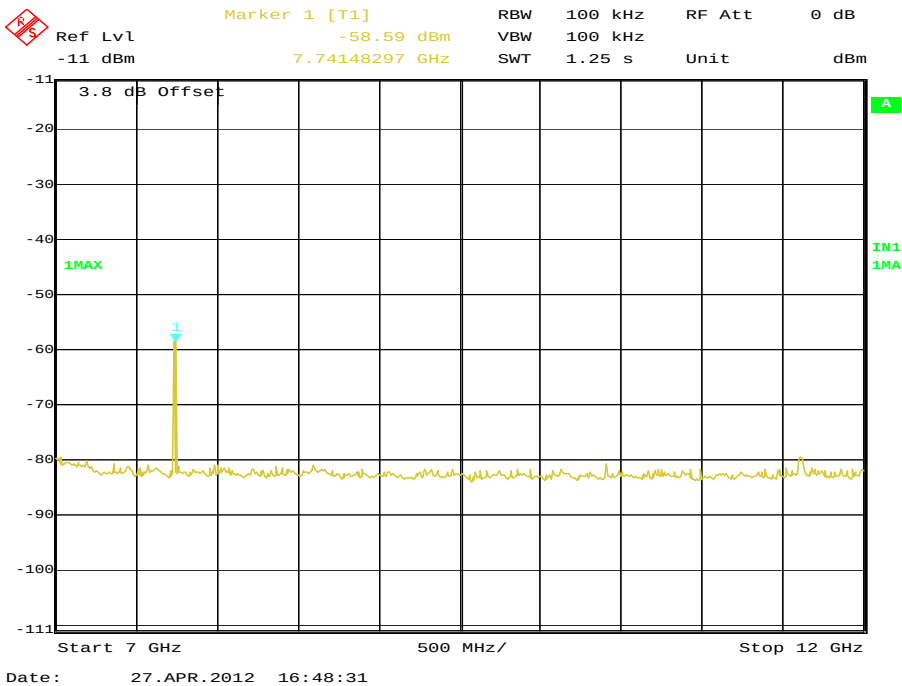
Product Service

5825 MHz

9 kHz to 7 GHz



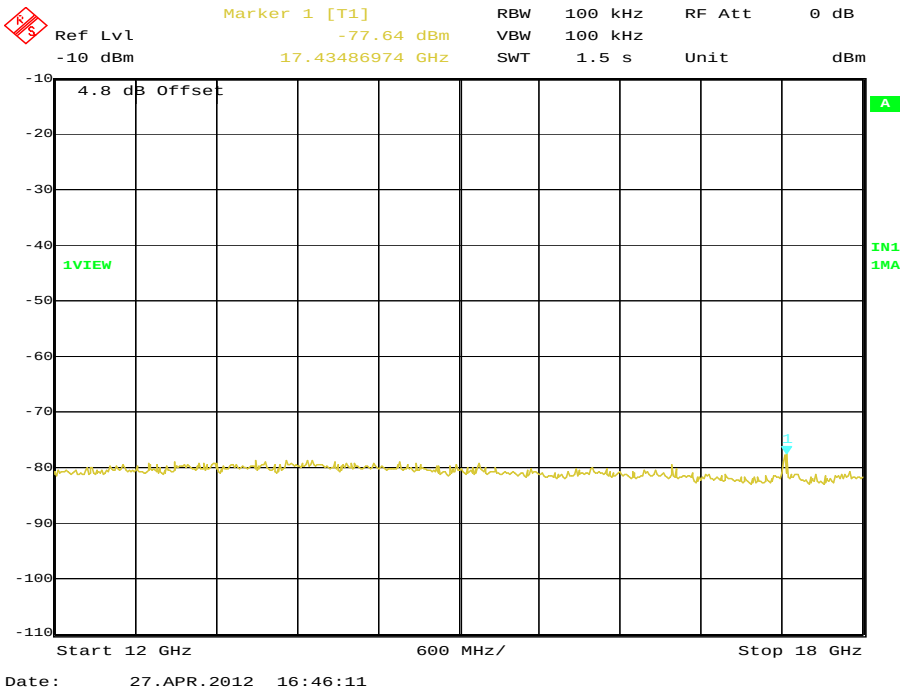
7 GHz to 12 GHz



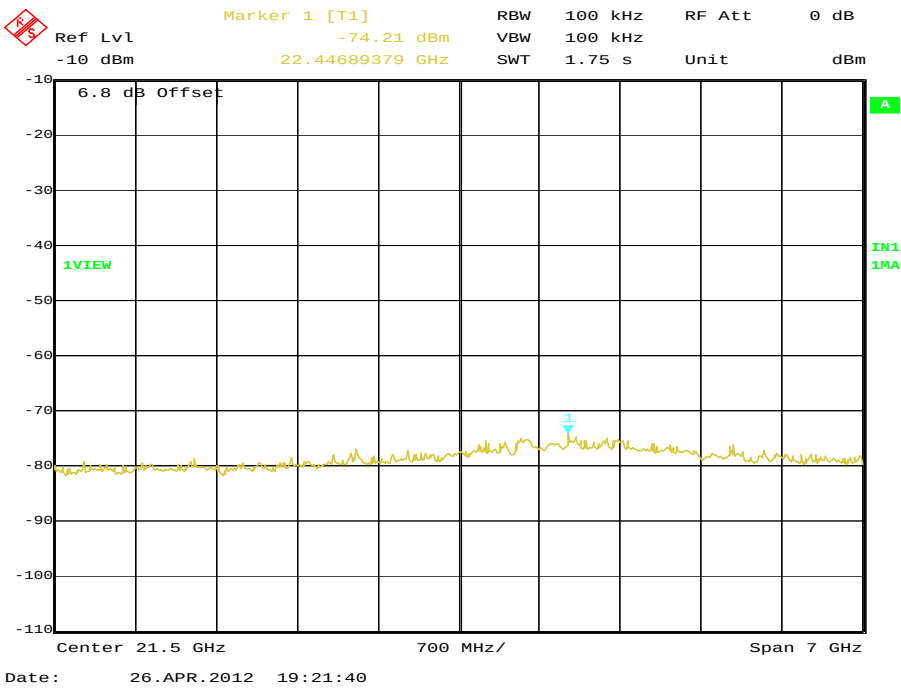


Product Service

12 GHz to 18 GHz

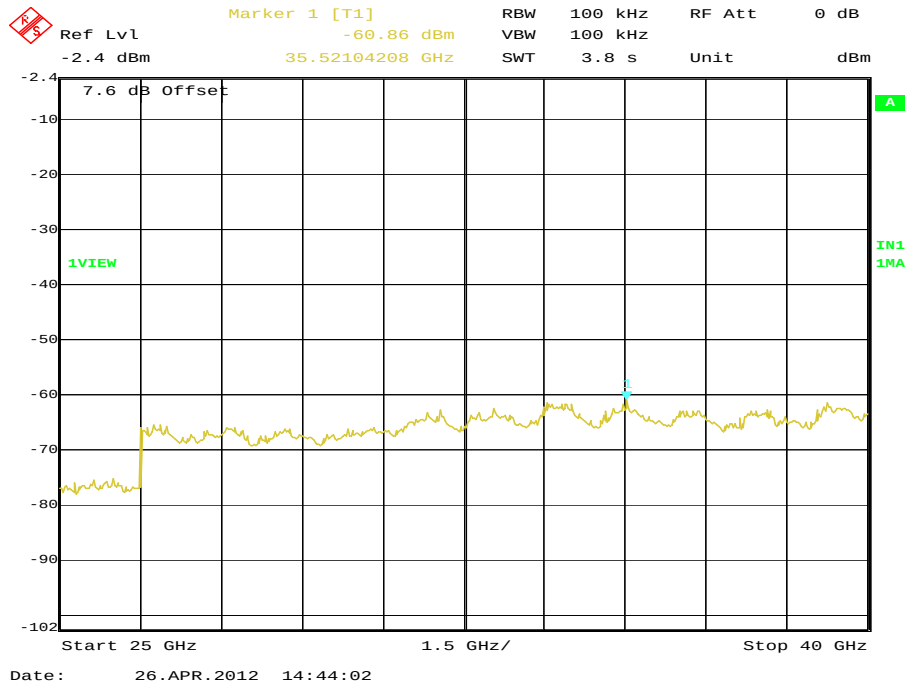


18 GHz to 25 GHz





Product Service

25 GHz to 40 GHzLimit Clause

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval the attenuation required shall be 30 dB instead of 20 dB.

802.11(a) – Onboard PIFA Antenna

802.11(a) – Onboard PIFA Antenna

802.11(a) – Onboard PIFA Antenna



Product Service

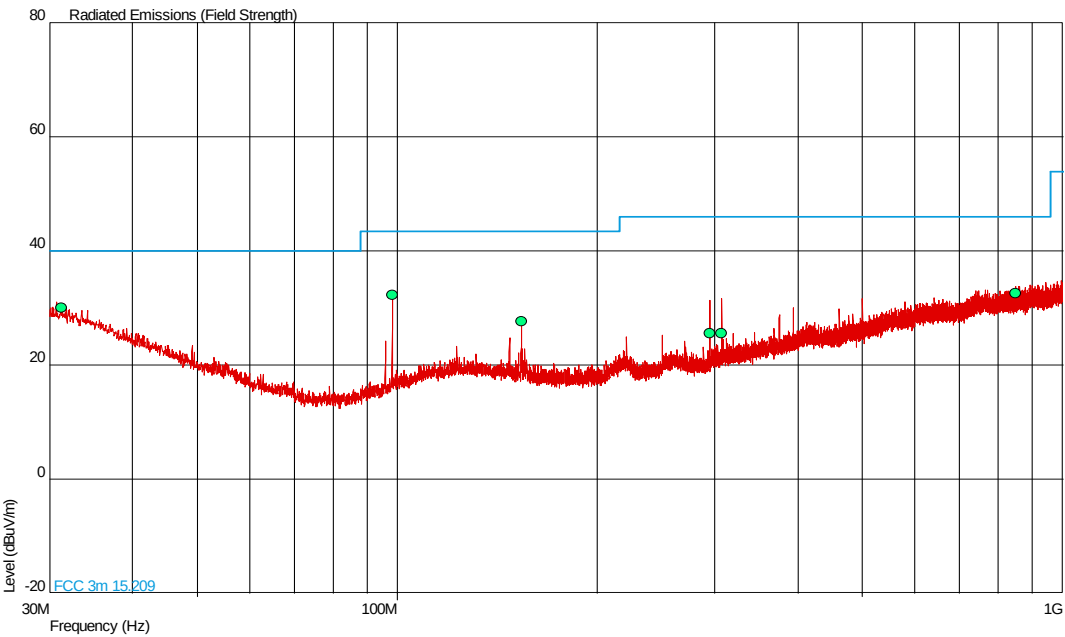
Onboard PIFA Antenna

Spurious Radiated Emissions

Frequency Band 1

5180 MHz

30 MHz to 1 GHz



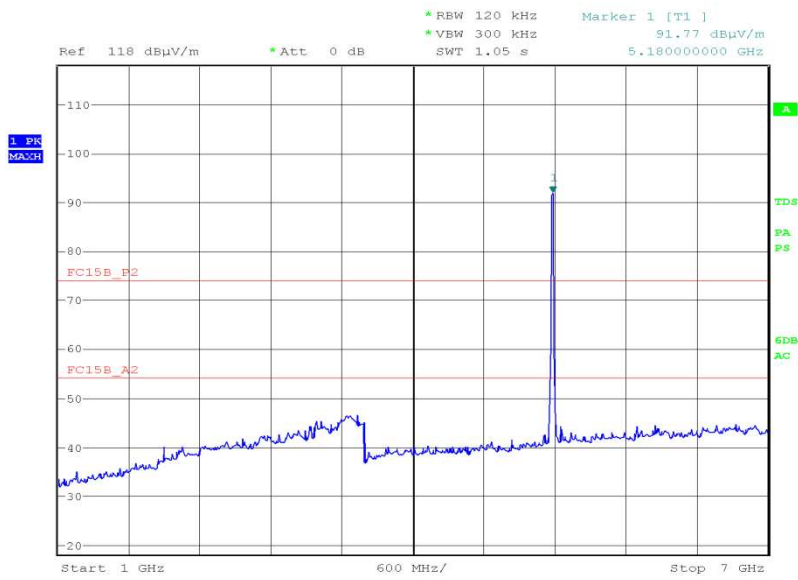
| Frequency (MHz) | QP Level (dBμV/m) | QP Level (μV/m) | QP Limit (dBμV/m) | QP Limit (μV/m) | QP Margin (dBμV/m) | QP Margin (μV/m) | Angle (Deg) | Height(m) | Polarity   |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|------------|
| 31.296          | 30.1              | 32.0            | 40.0              | 100             | -9.9               | 68.0             | 241         | 1.00      | Horizontal |
| 98.298          | 32.3              | 41.2            | 43.5              | 150             | -11.2              | 108.8            | 341         | 1.00      | Vertical   |
| 153.601         | 27.6              | 24.0            | 43.5              | 150             | -15.9              | 126.0            | 97          | 1.00      | Vertical   |
| 294.936         | 25.5              | 18.8            | 46.0              | 200             | -20.5              | 181.2            | 343         | 1.00      | Vertical   |
| 307.208         | 25.6              | 19.1            | 46.0              | 200             | -20.4              | 180.9            | 105         | 1.00      | Horizontal |
| 849.951         | 32.6              | 42.7            | 46.0              | 200             | -13.4              | 157.3            | 218         | 1.00      | Vertical   |





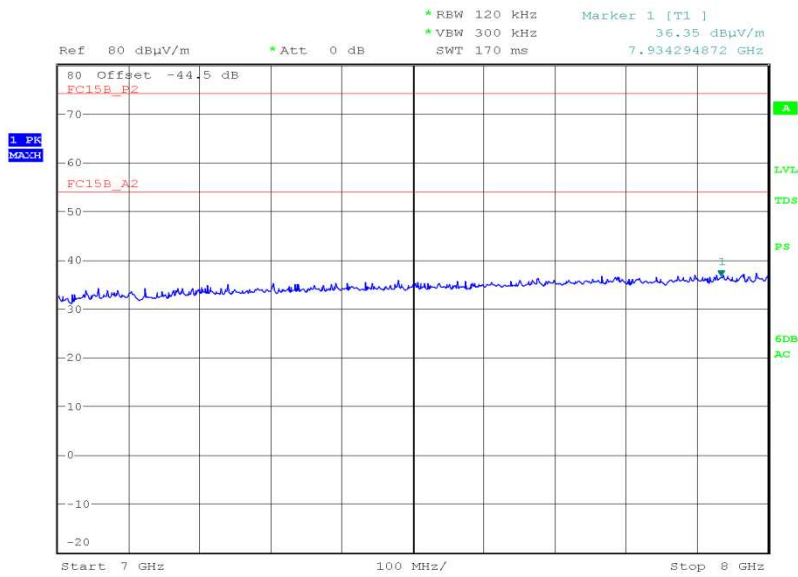
Product Service

1 GHz to 7 GHz



Date: 27.MAR.2012 19:51:42

7 GHz to 8 GHz

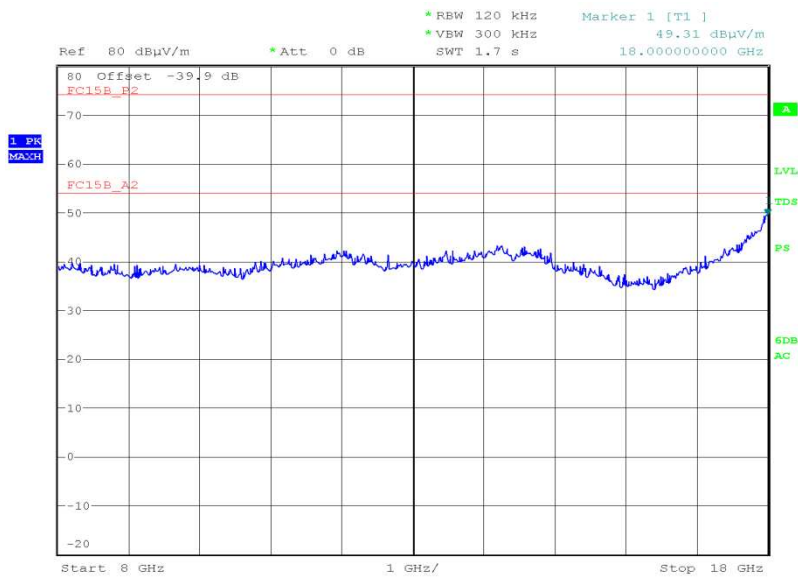


Date: 2.APR.2012 17:15:57



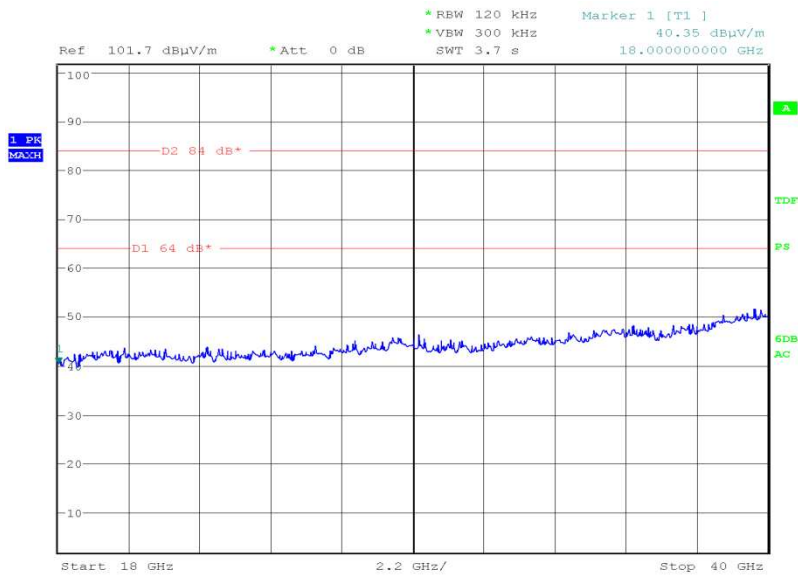
Product Service

8 GHz to 18 GHz



Date: 2.APR.2012 20:35:43

18 GHz to 40 GHz



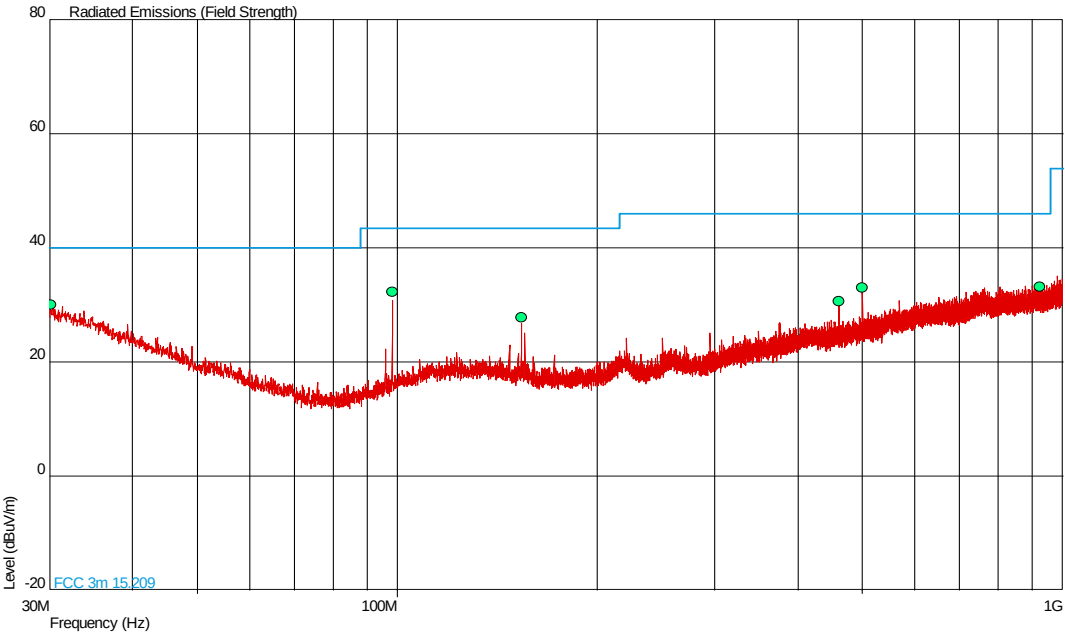
Date: 4.APR.2012 16:32:42



Product Service

5220 MHz

30 MHz to 1 GHz

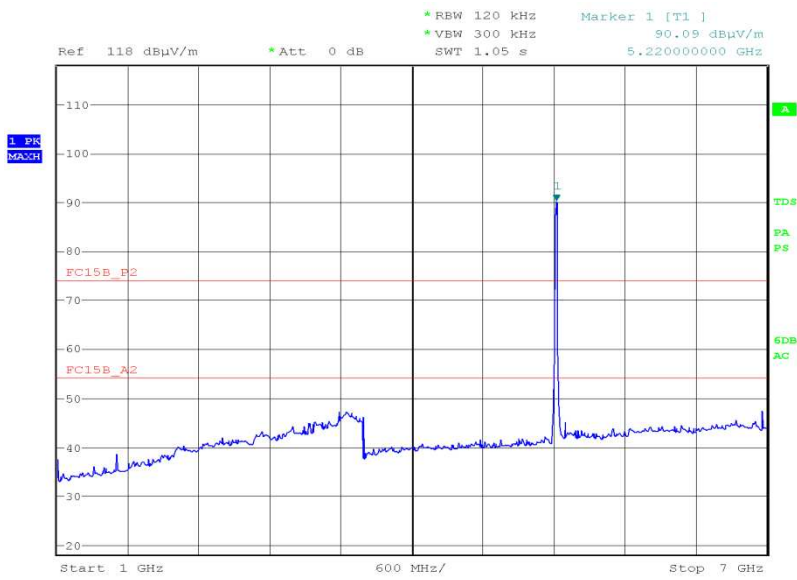


| Frequency (MHz) | QP Level (dBµV/m) | QP Level (µV/m) | QP Limit (dBµV/m) | QP Limit (µV/m) | QP Margin (dBµV/m) | QP Margin (µV/m) | Angle (Deg) | Height(m) | Polarity |
|-----------------|-------------------|-----------------|-------------------|-----------------|--------------------|------------------|-------------|-----------|----------|
| 30.143          | 30.0              | 31.6            | 40.0              | 100             | -10.0              | 68.4             | 188         | 1.00      | Vertical |
| 98.311          | 32.3              | 41.2            | 43.5              | 150             | -11.2              | 108.8            | 348         | 1.00      | Vertical |
| 153.596         | 27.8              | 24.5            | 43.5              | 150             | -15.7              | 125.5            | 125         | 1.00      | Vertical |
| 460.785         | 30.7              | 34.3            | 46.0              | 200             | -15.3              | 165.7            | 357         | 1.00      | Vertical |
| 500.055         | 33.1              | 45.2            | 46.0              | 200             | -12.9              | 154.8            | 0           | 1.00      | Vertical |
| 922.796         | 33.2              | 45.7            | 46.0              | 200             | -12.8              | 154.3            | 325         | 2.16      | Vertical |



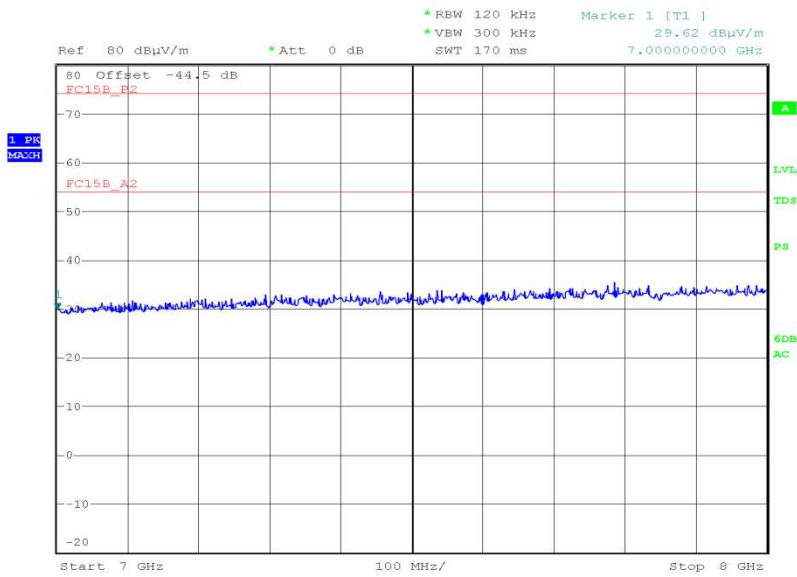
Product Service

1 GHz to 7 GHz



Date: 27.MAR.2012 20:26:17

7 GHz to 8 GHz

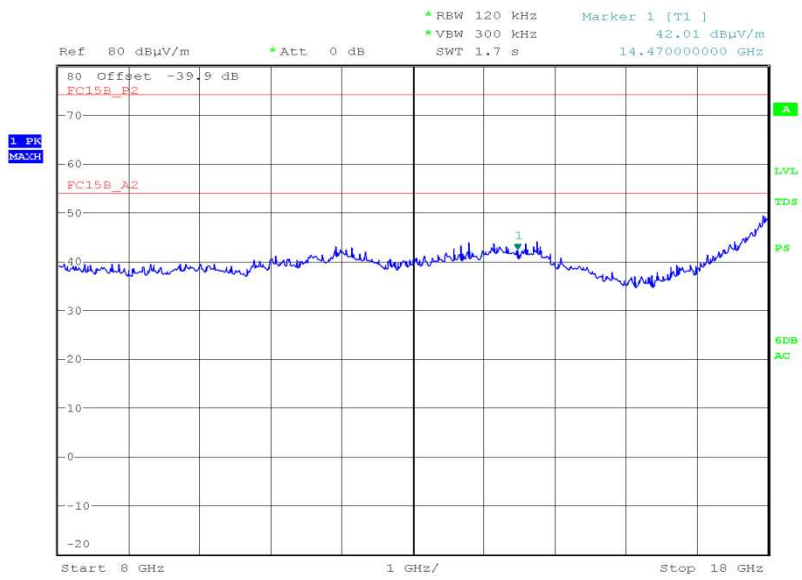


Date: 2.APR.2012 17:22:17



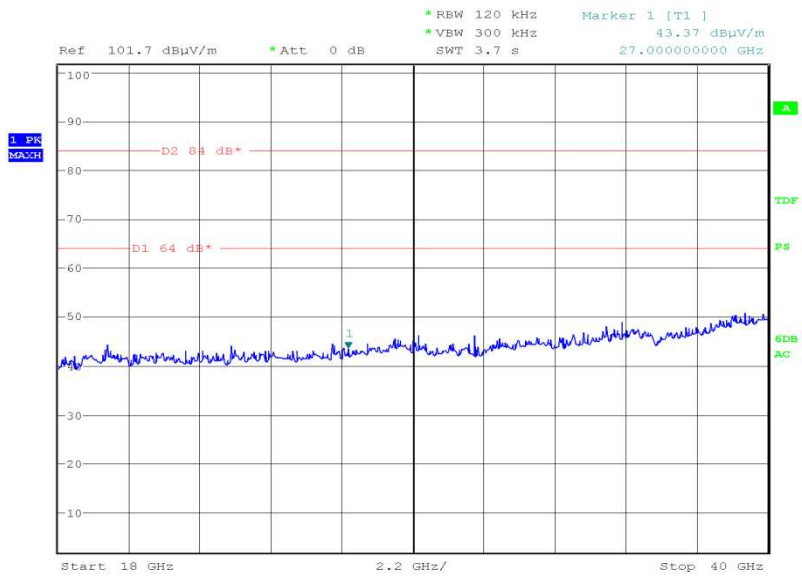
Product Service

8 GHz to 18 GHz



Date: 2.APR.2012 20:53:24

18 GHz to 40 GHz



Date: 4.APR.2012 16:41:45