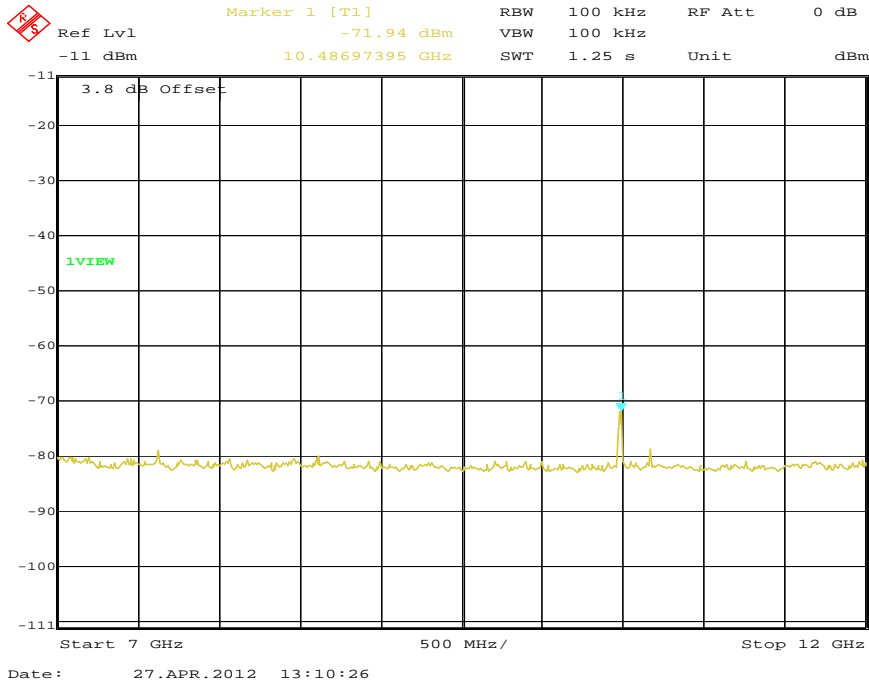


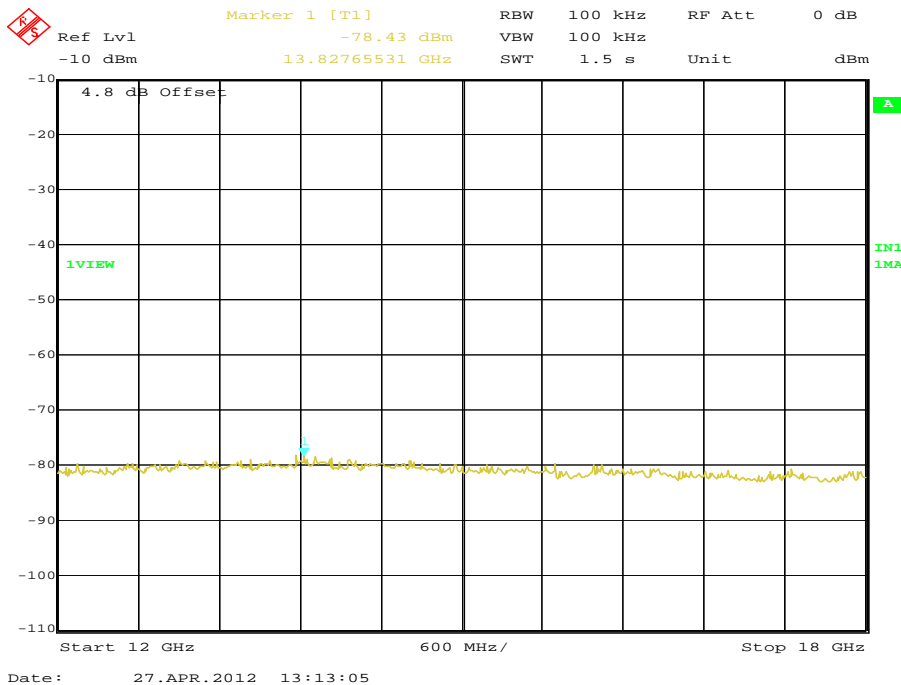


Product Service

7 GHz to 12 GHz

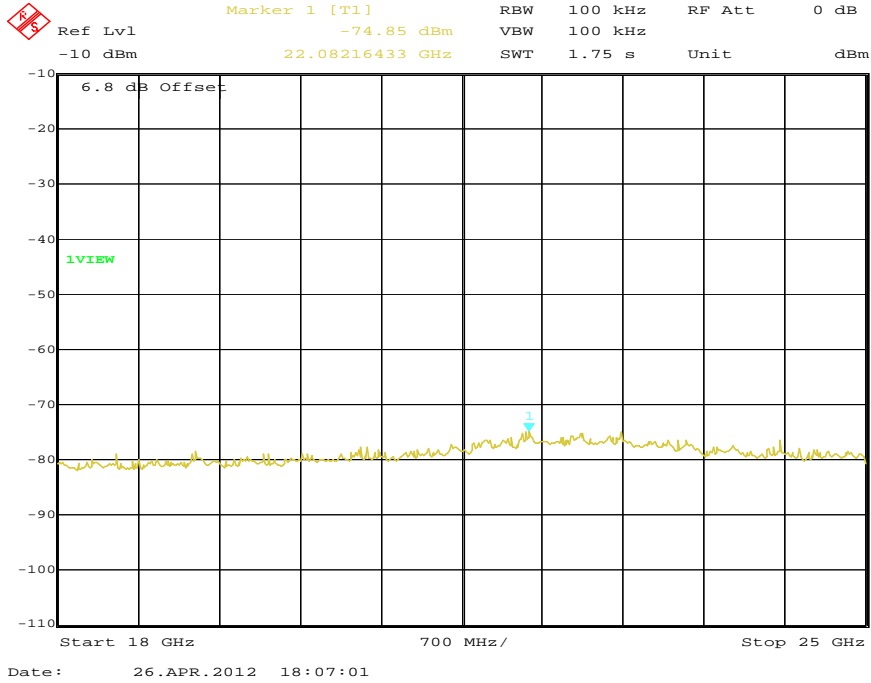


12 GHz to 18 GHz

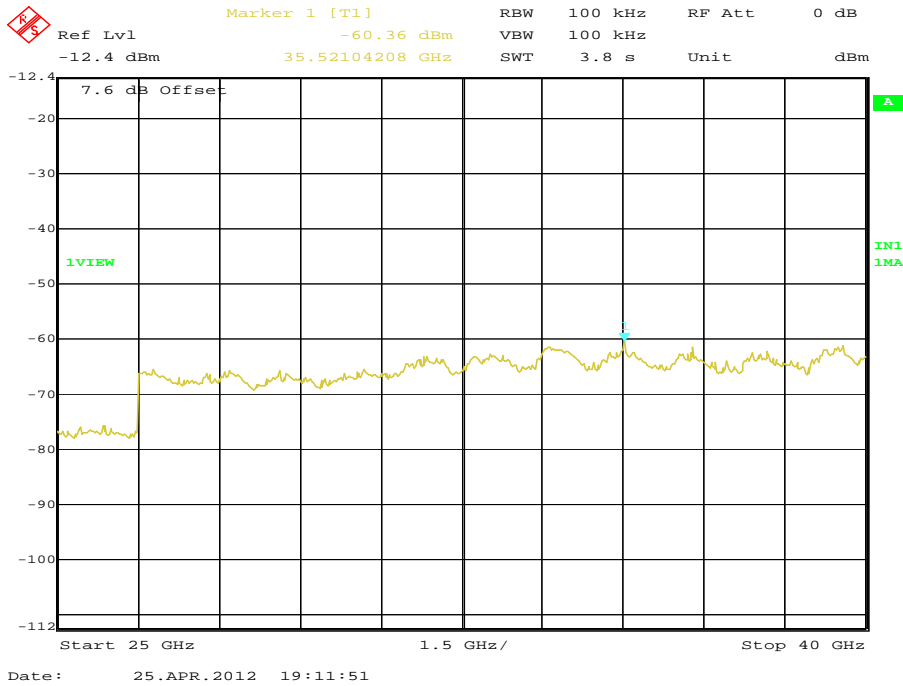




18 GHz to 25 GHz



25 GHz to 40 GHz



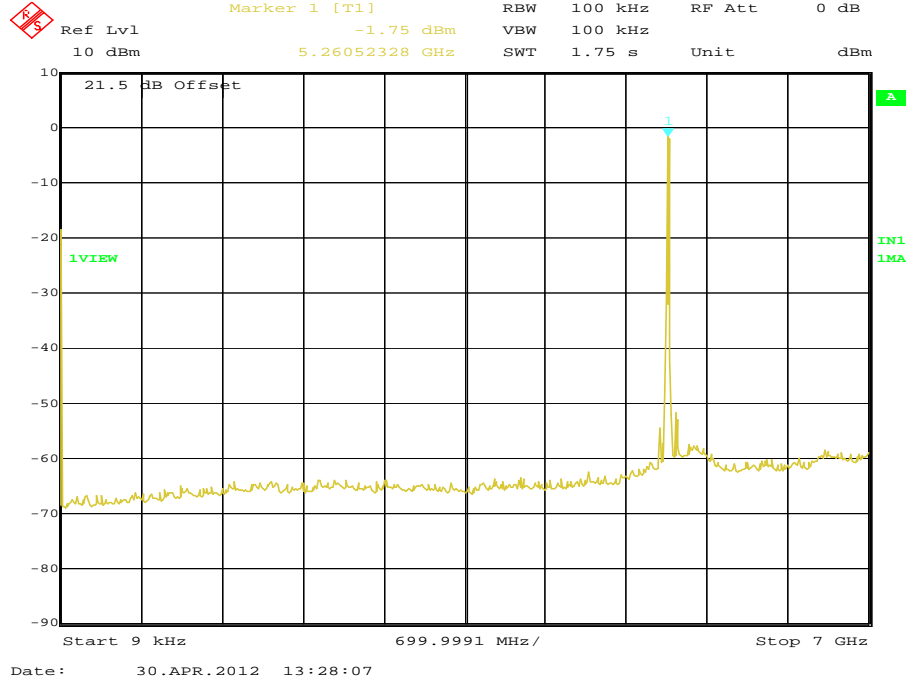


Product Service

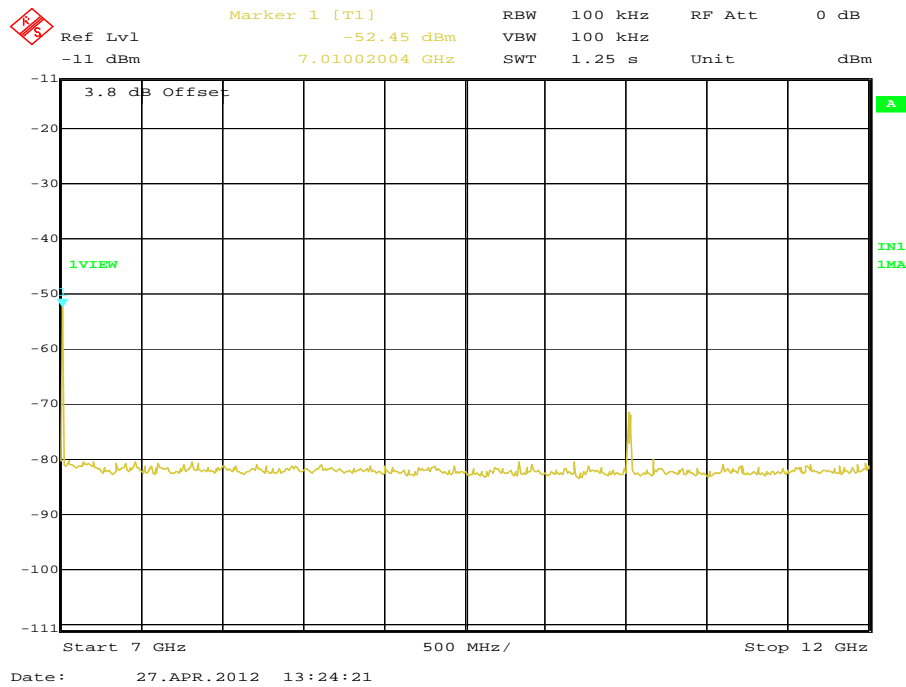
Frequency Band 2

5260 MHz

9 kHz to 7 GHz



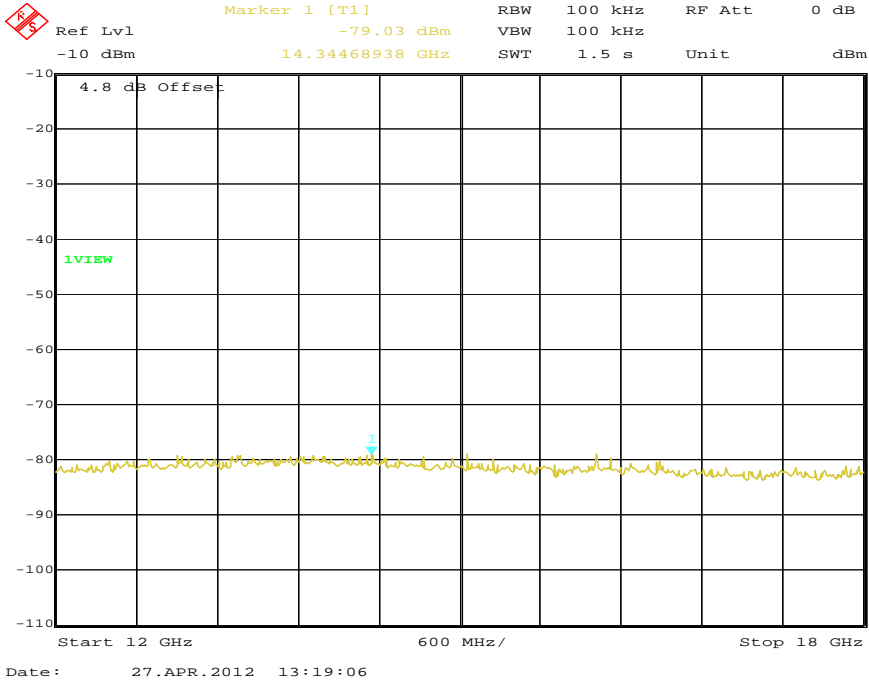
7 GHz to 12 GHz



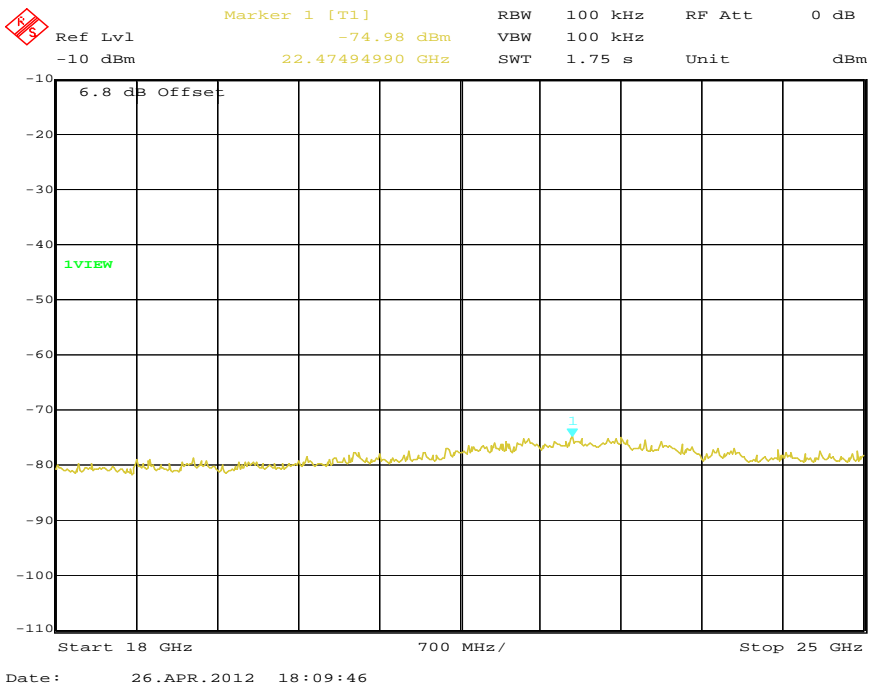


Product Service

12 GHz to 18 GHz

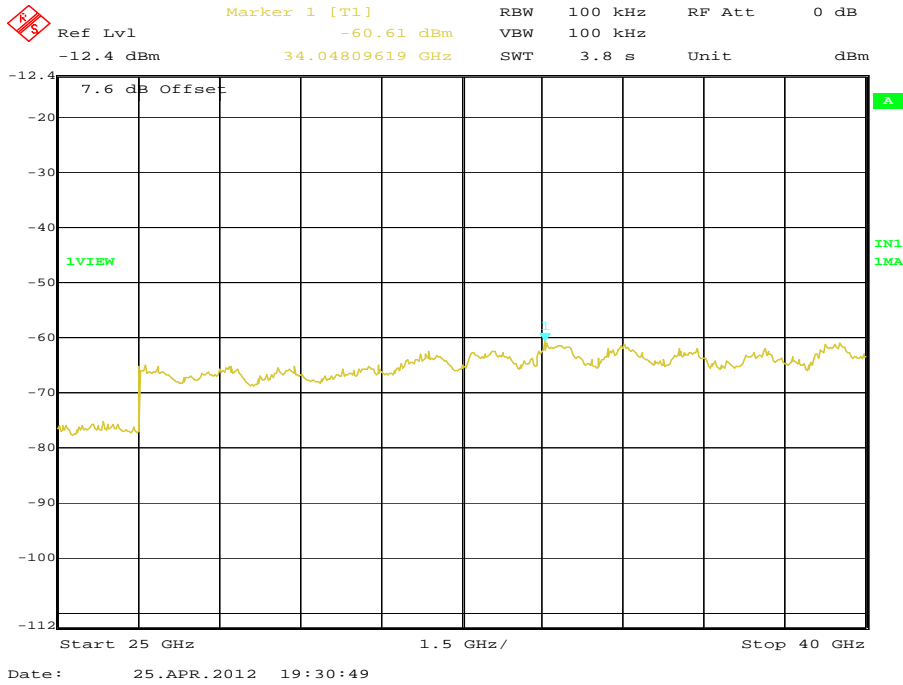


18 GHz to 25 GHz



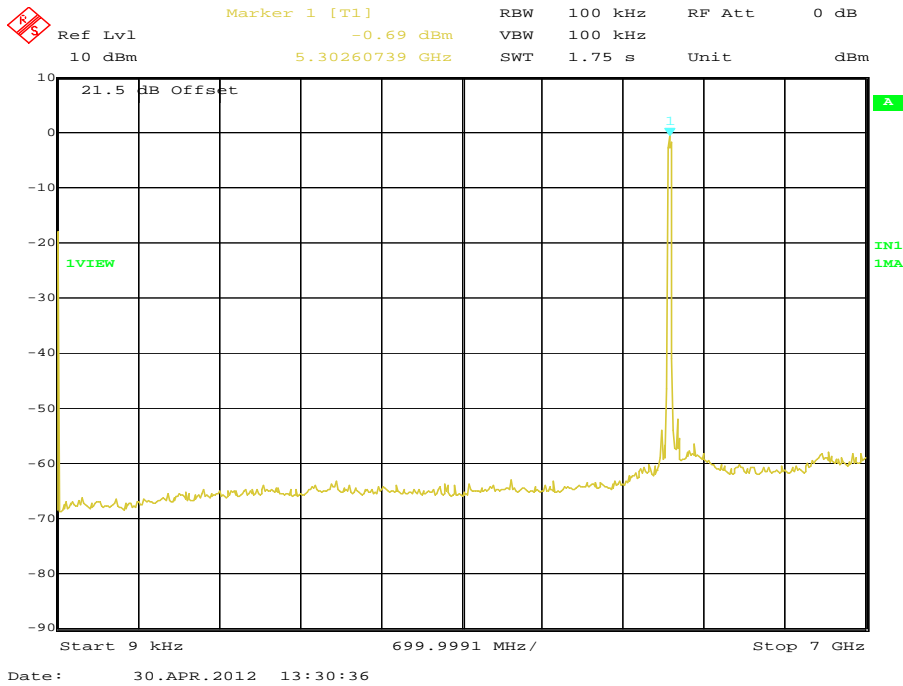


25 GHz to 40 GHz



5300 MHz

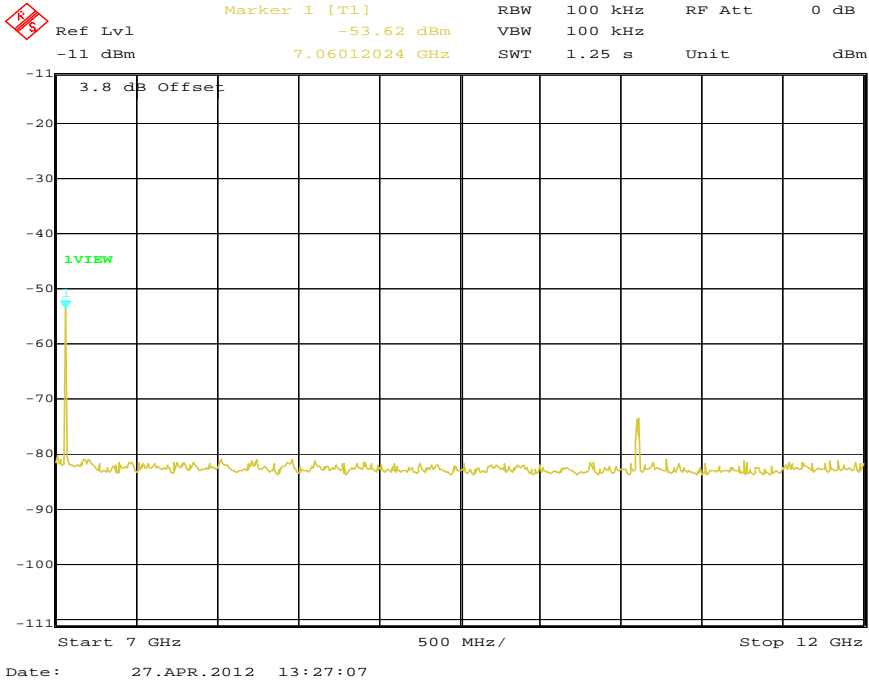
9 kHz to 7 GHz



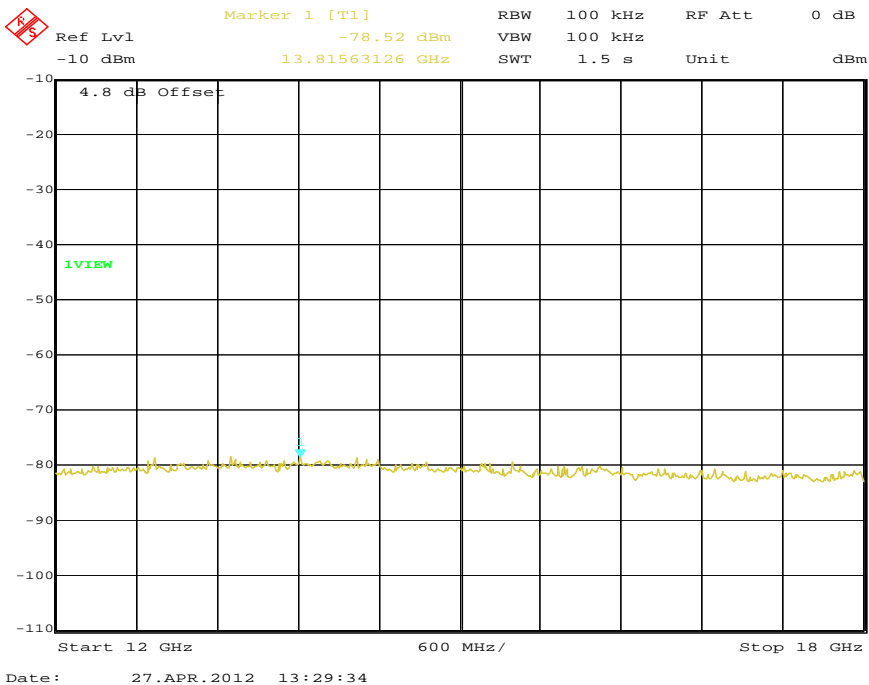


Product Service

7 GHz to 12 GHz

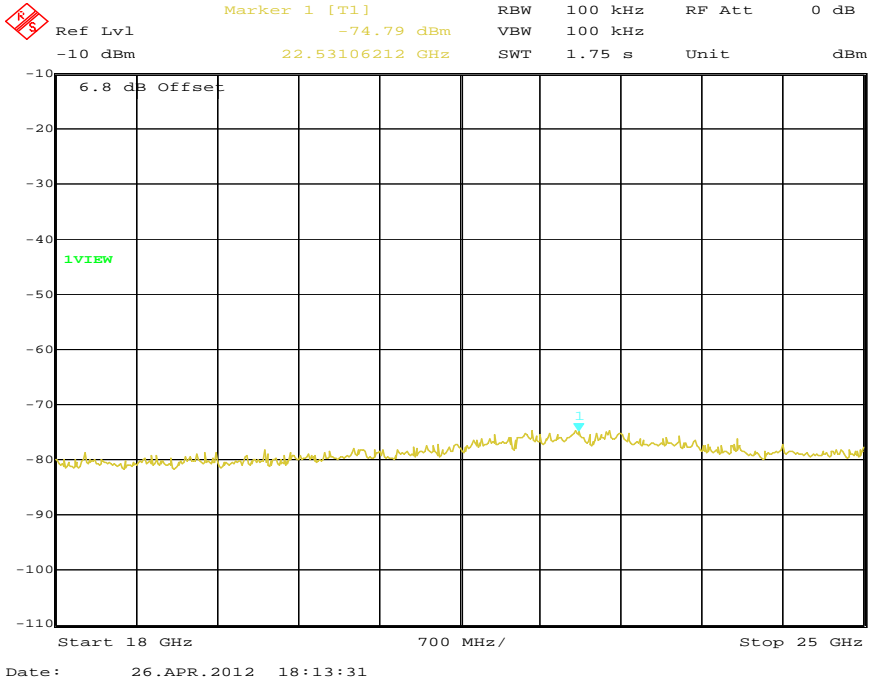


12 GHz to 18 GHz

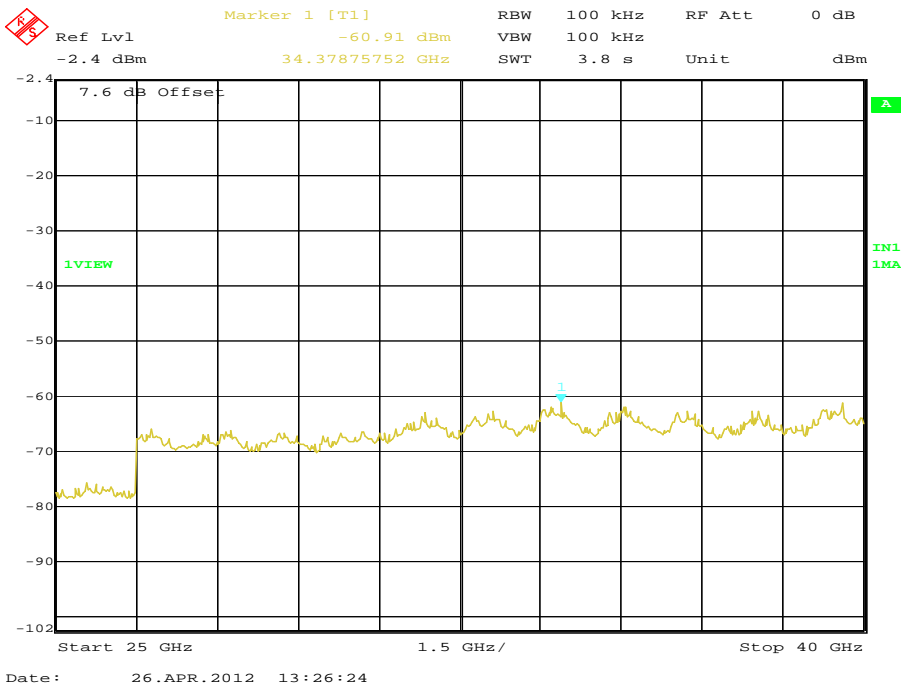




18 GHz to 25 GHz



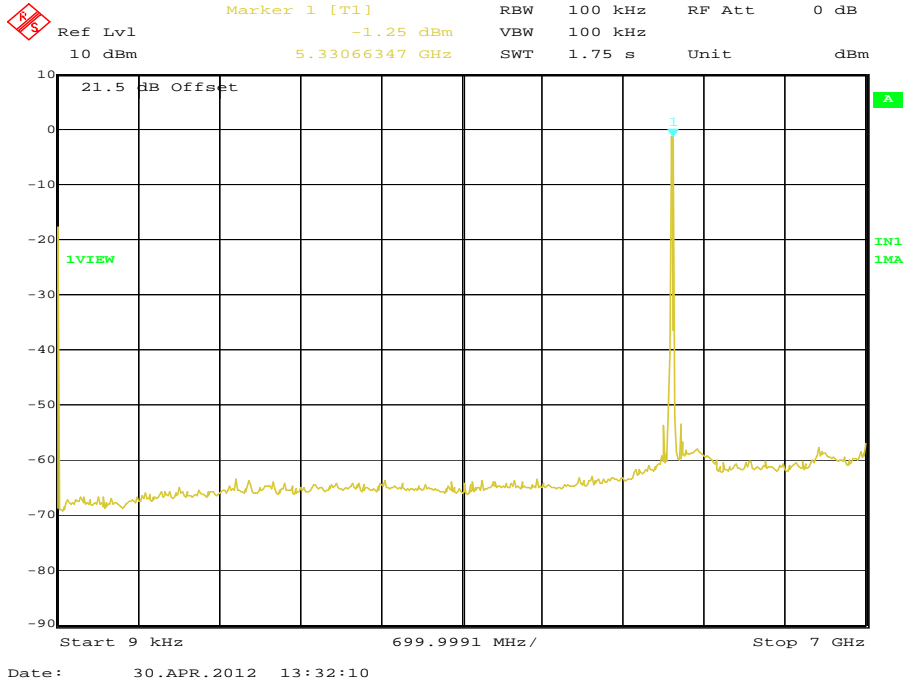
25 GHz to 40 GHz



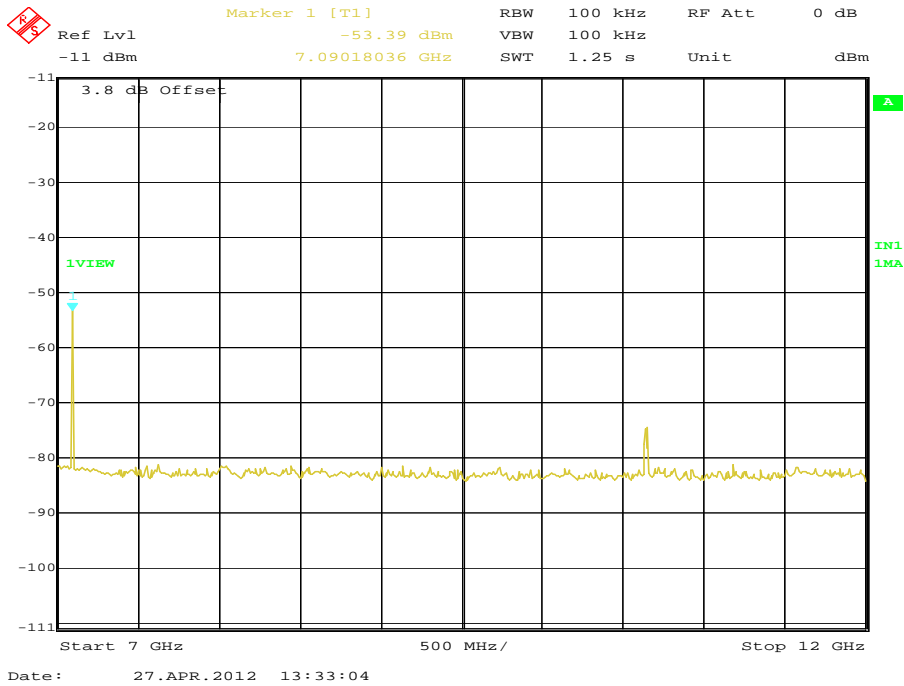


5320 MHz

9 kHz to 7 GHz



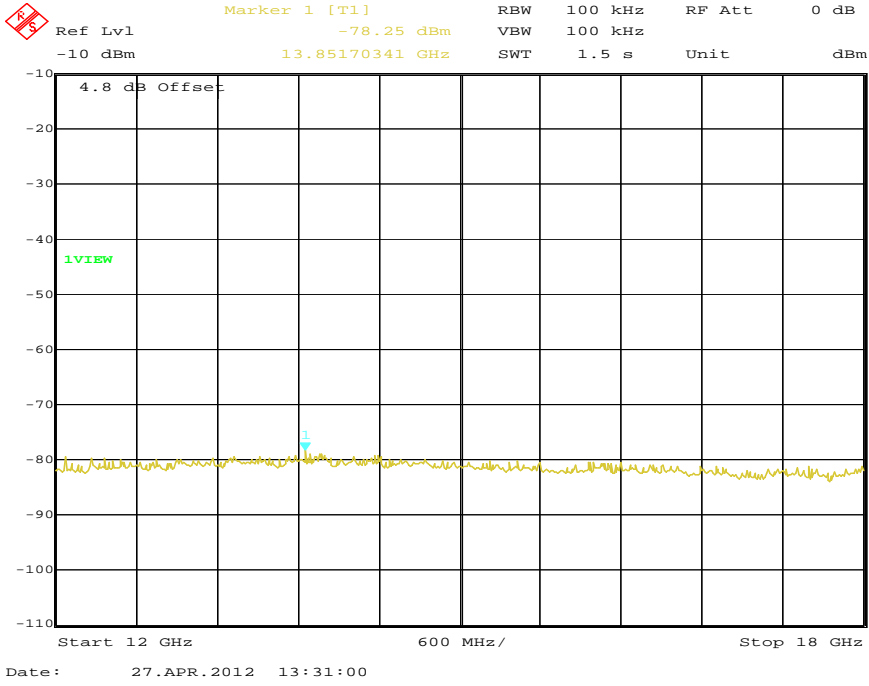
7 GHz to 12 GHz



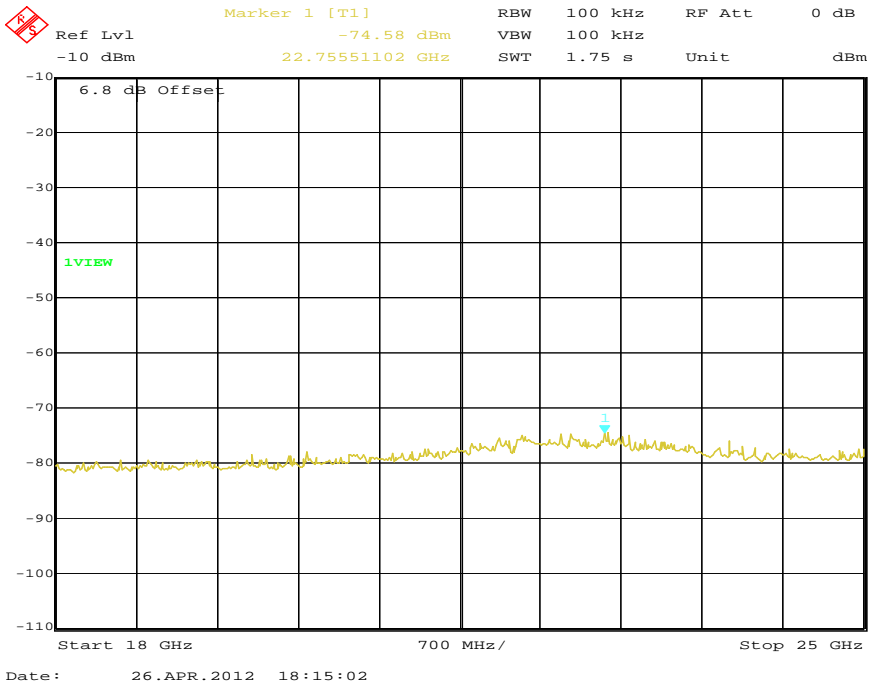


Product Service

12 GHz to 18 GHz



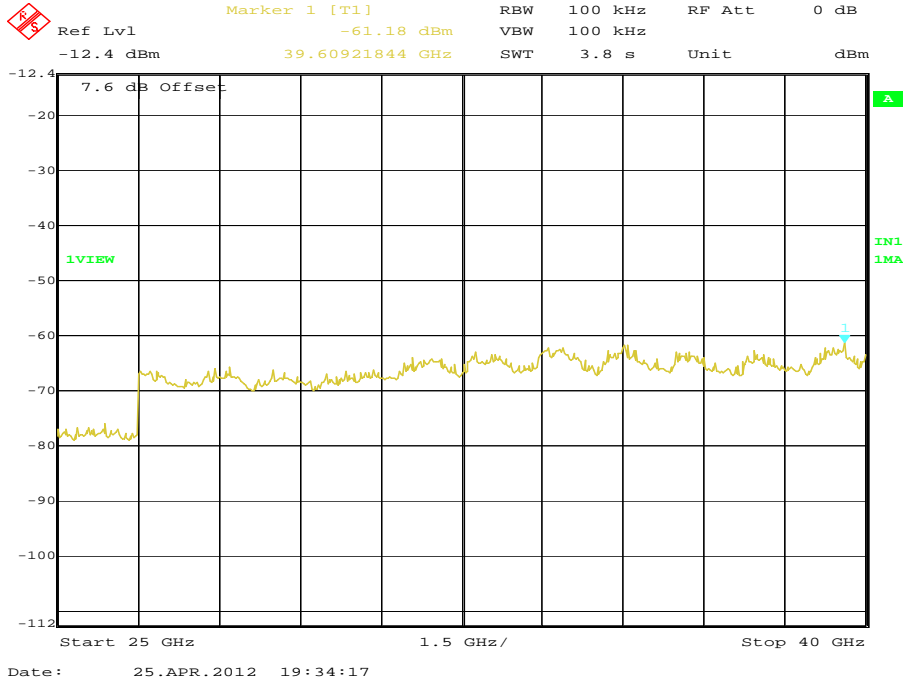
18 GHz to 25 GHz





Product Service

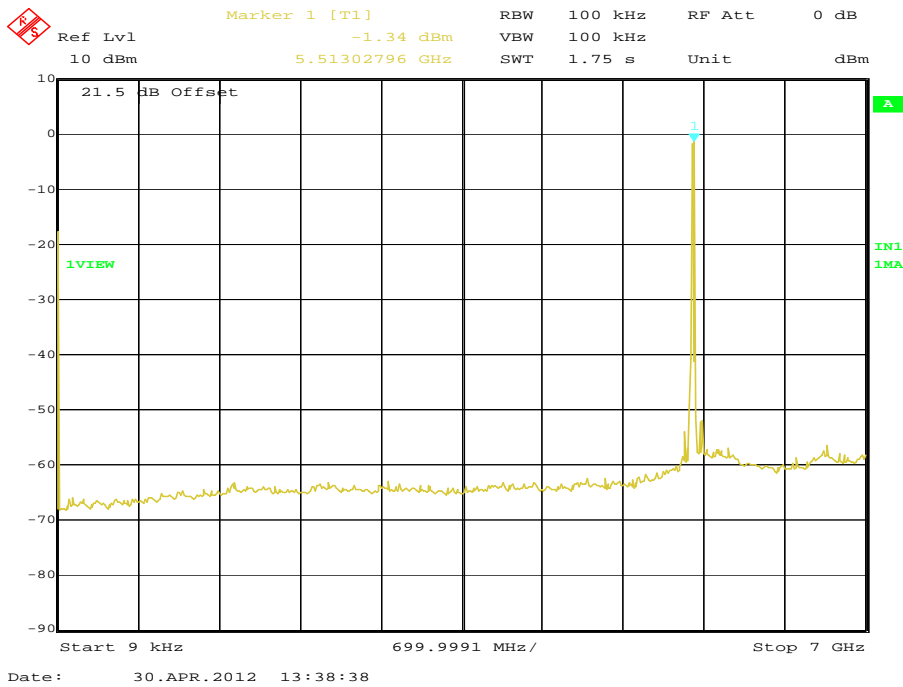
25 GHz to 40 GHz



Frequency Band 3

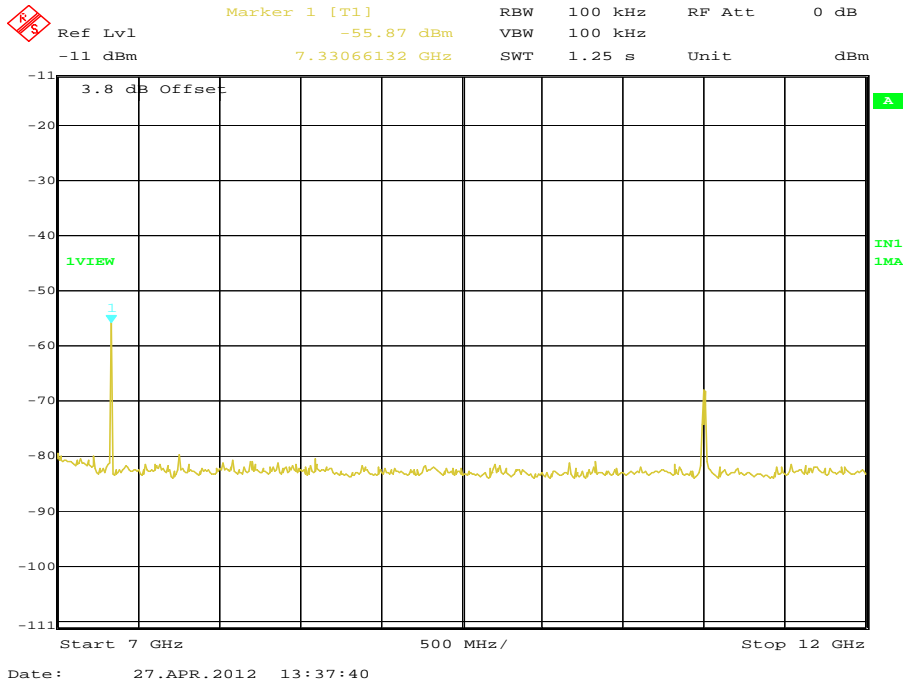
5500 MHz

9 kHz to 7 GHz

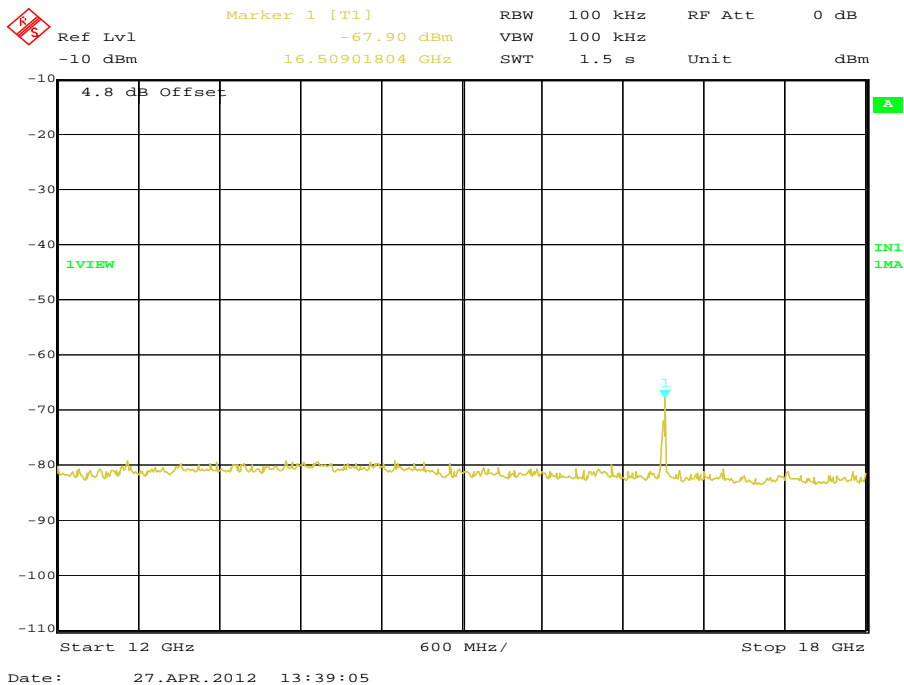




7 GHz to 12 GHz

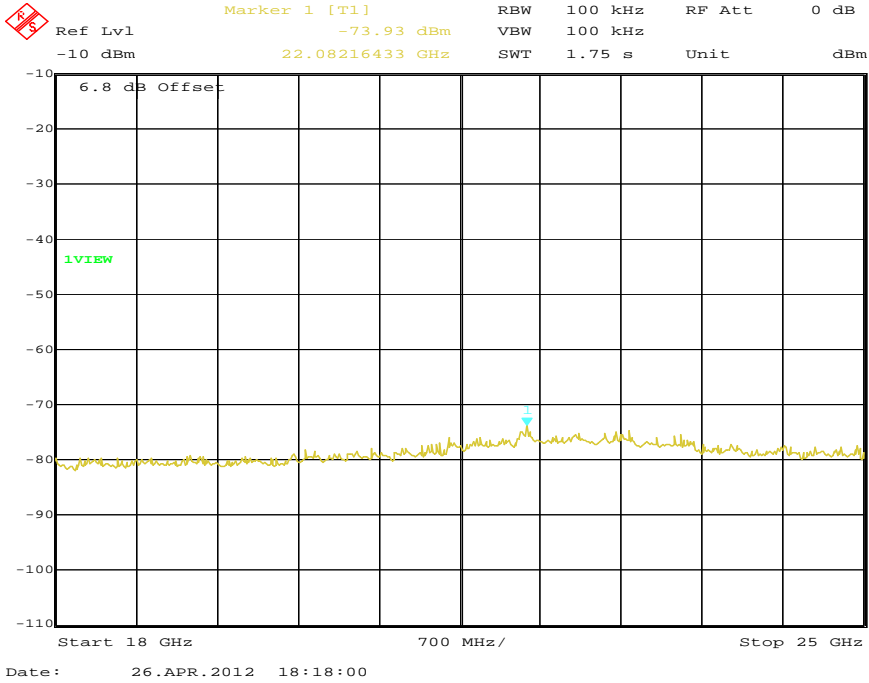


12 GHz to 18 GHz

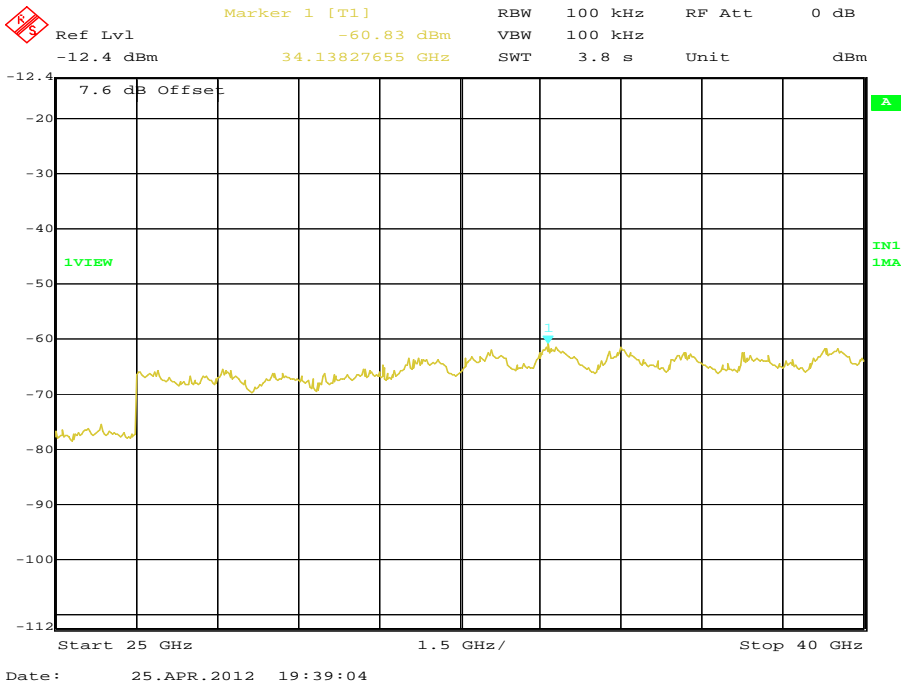




18 GHz to 25 GHz



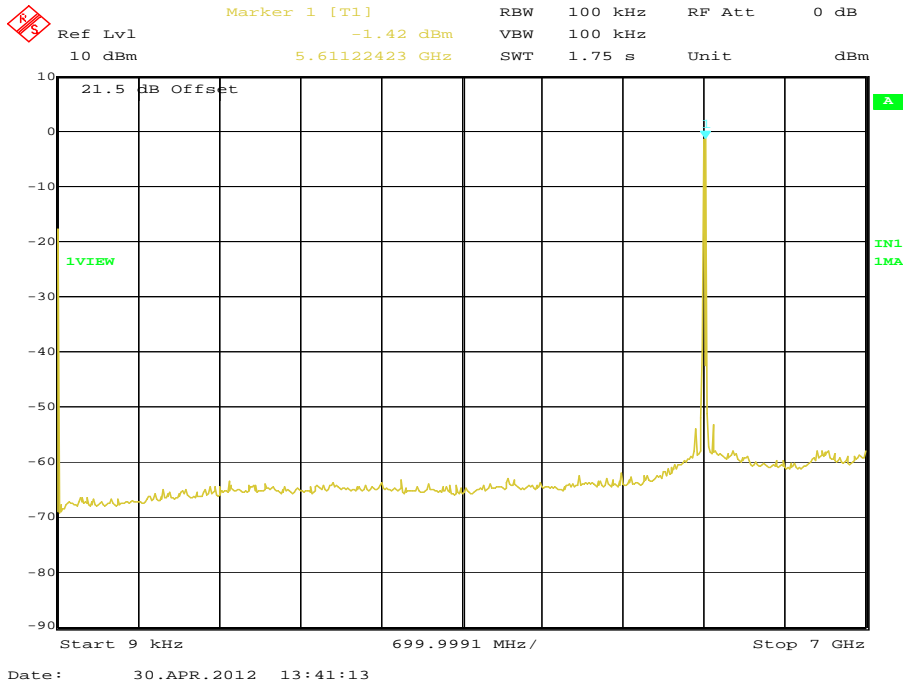
25 GHz to 40 GHz



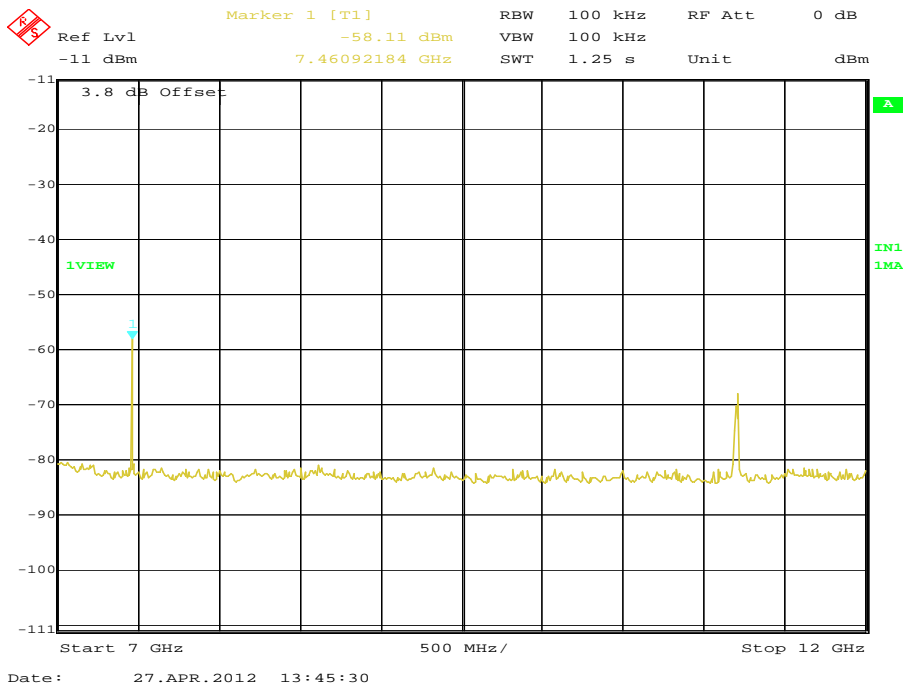


5600 MHz

9 kHz to 7 GHz



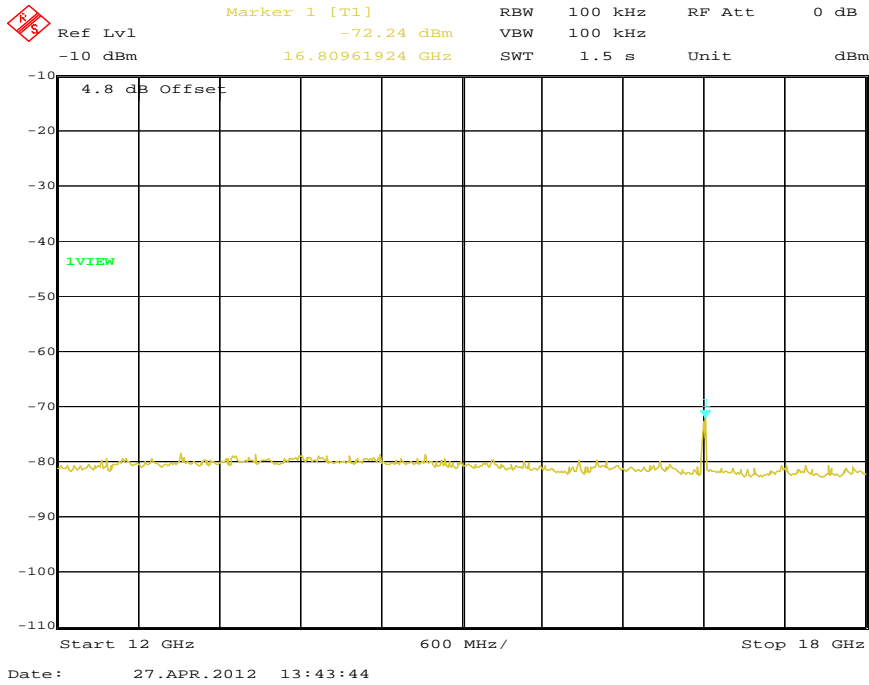
7 GHz to 12 GHz



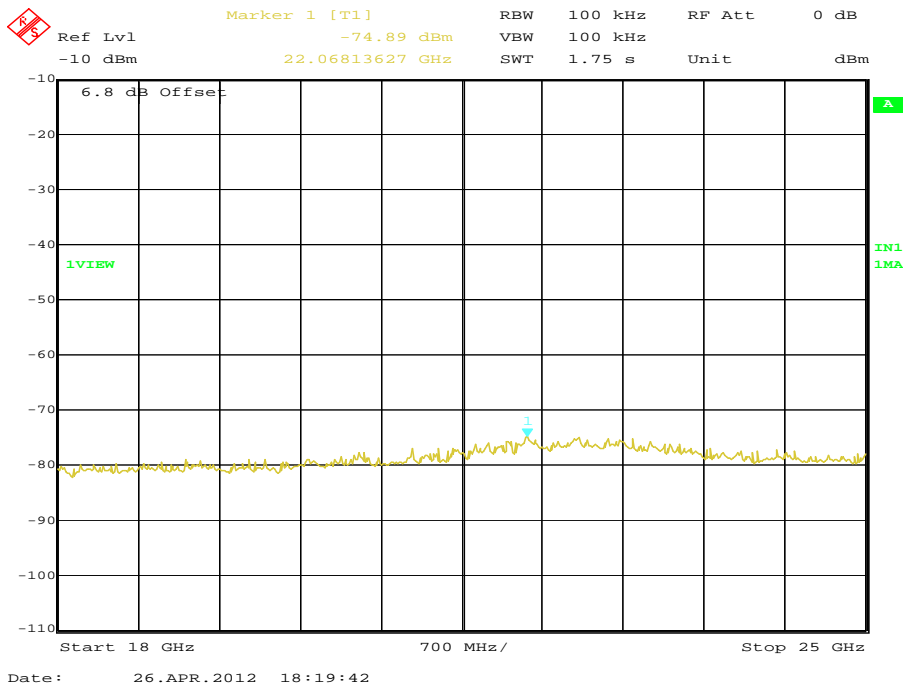


Product Service

12 GHz to 18 GHz



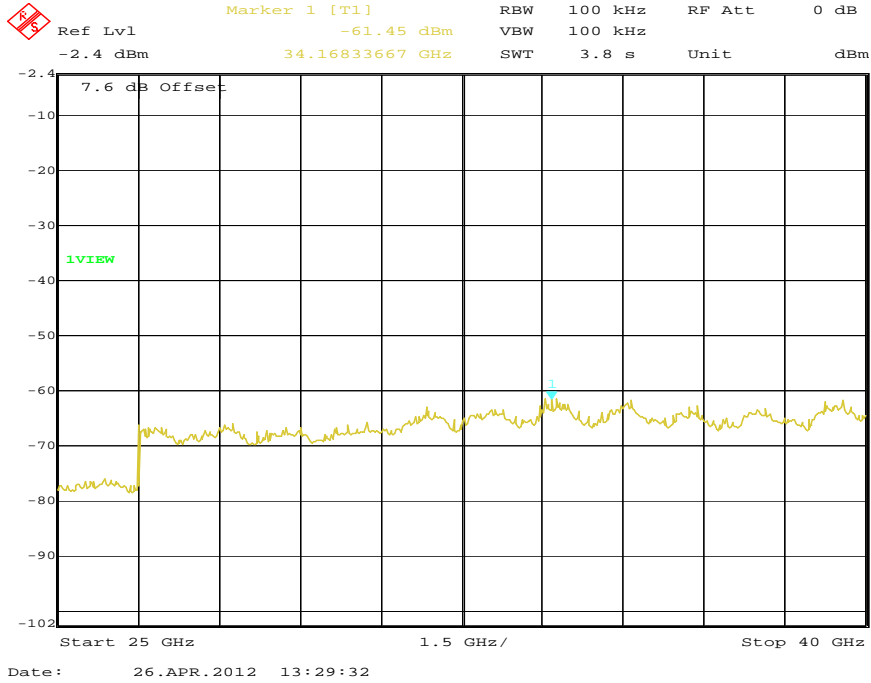
18 GHz to 25 GHz





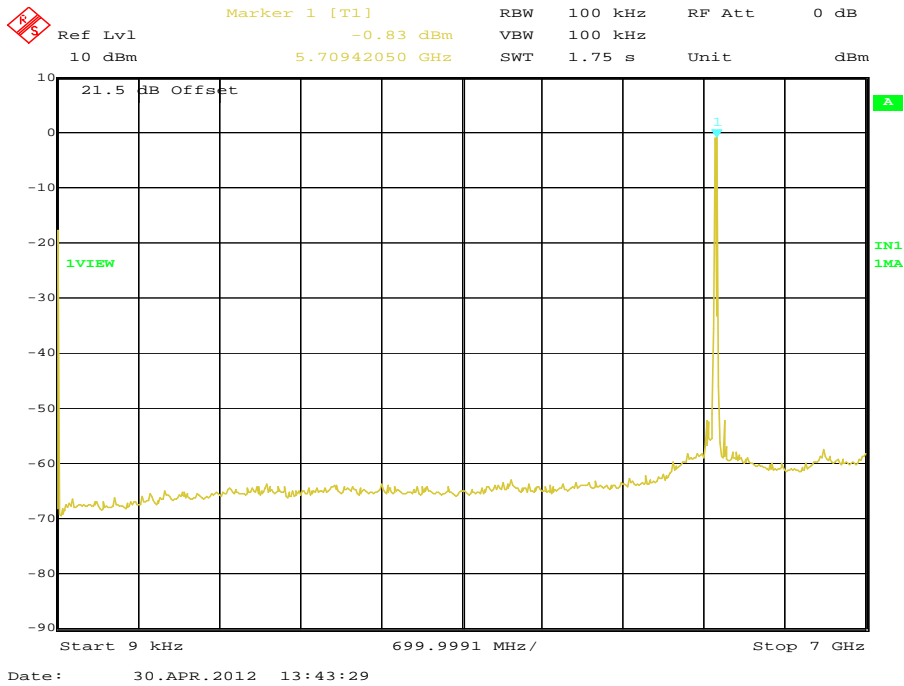
Product Service

25 GHz to 40 GHz



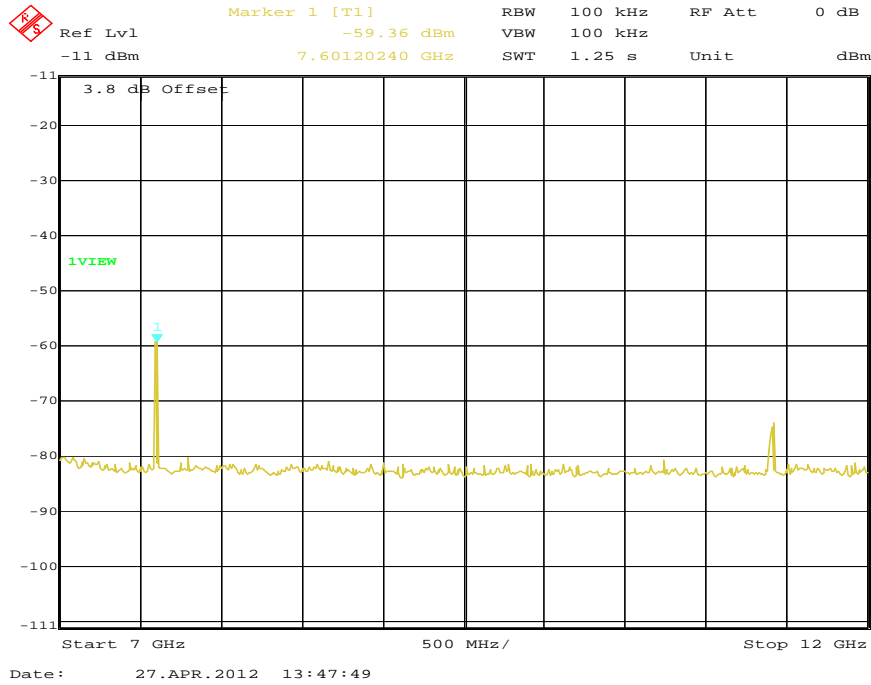
5700 MHz

9 kHz to 7 GHz

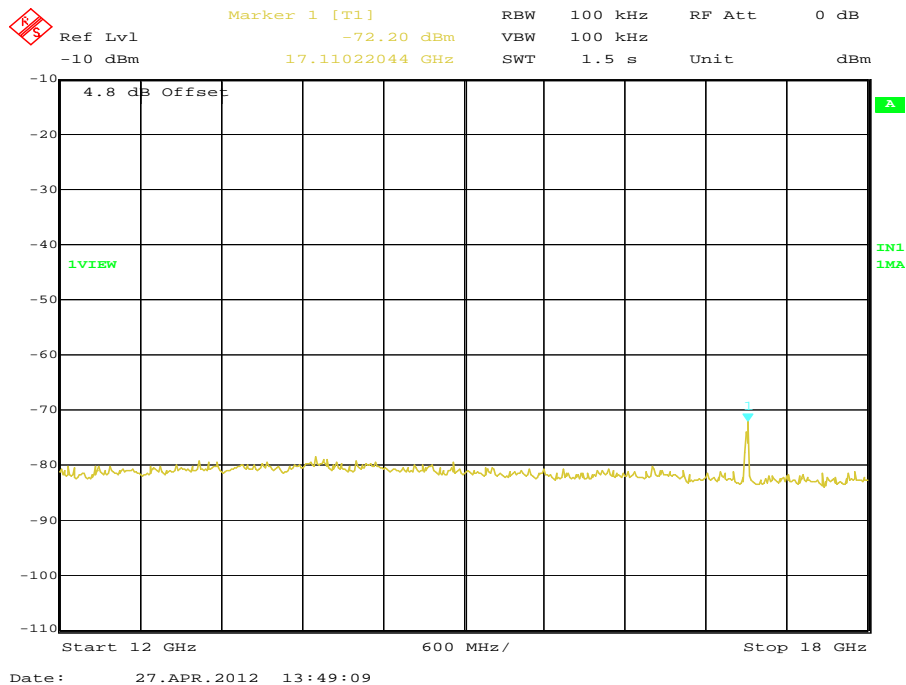




7 GHz to 12 GHz



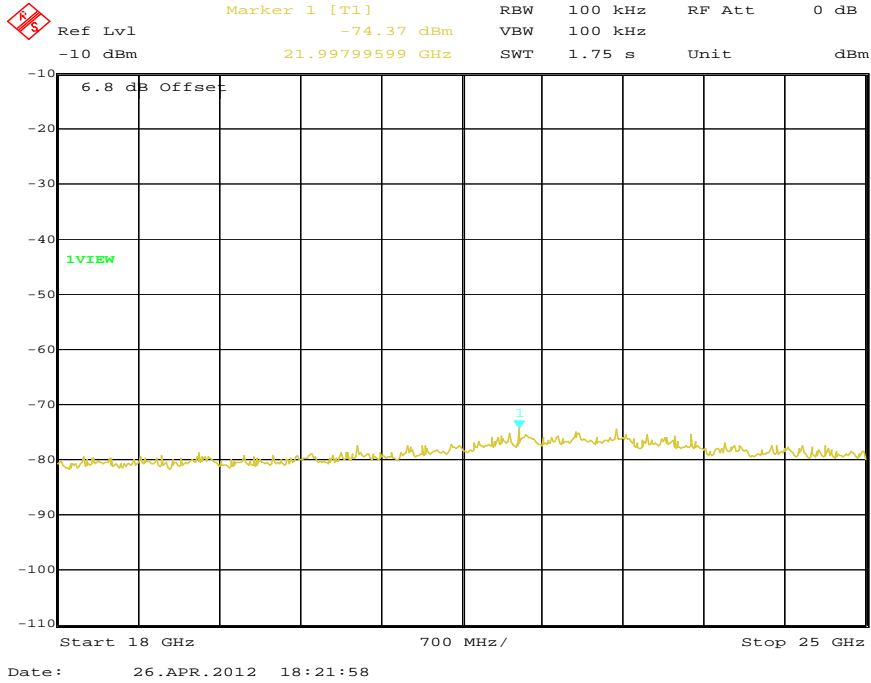
12 GHz to 18 GHz



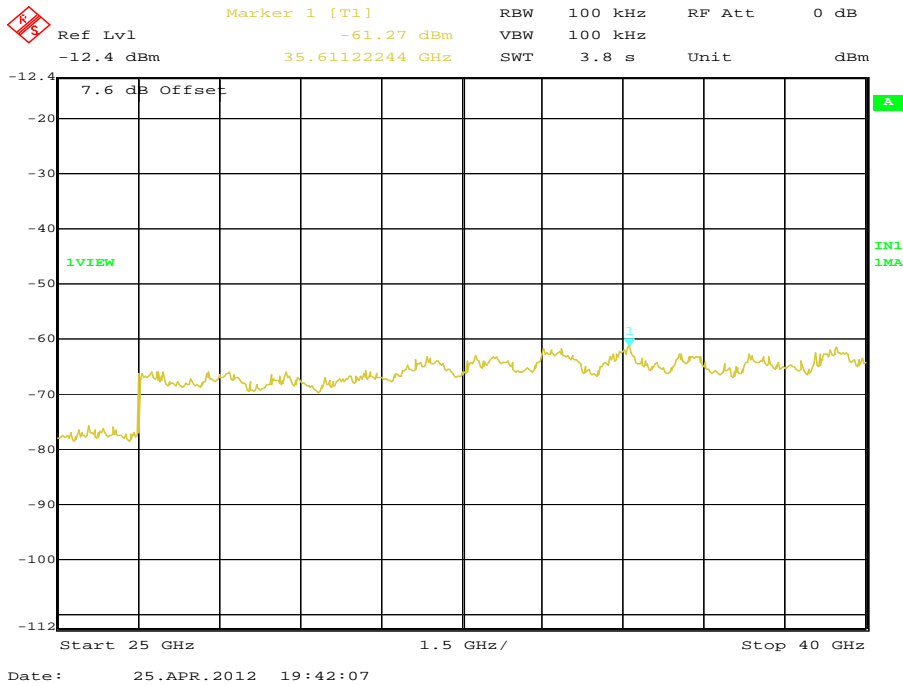


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

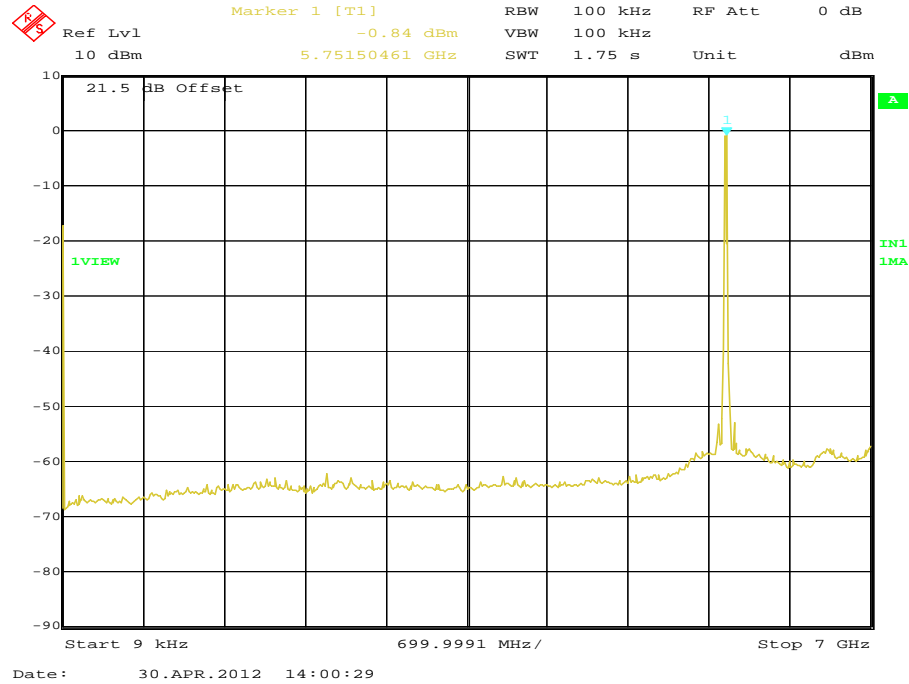




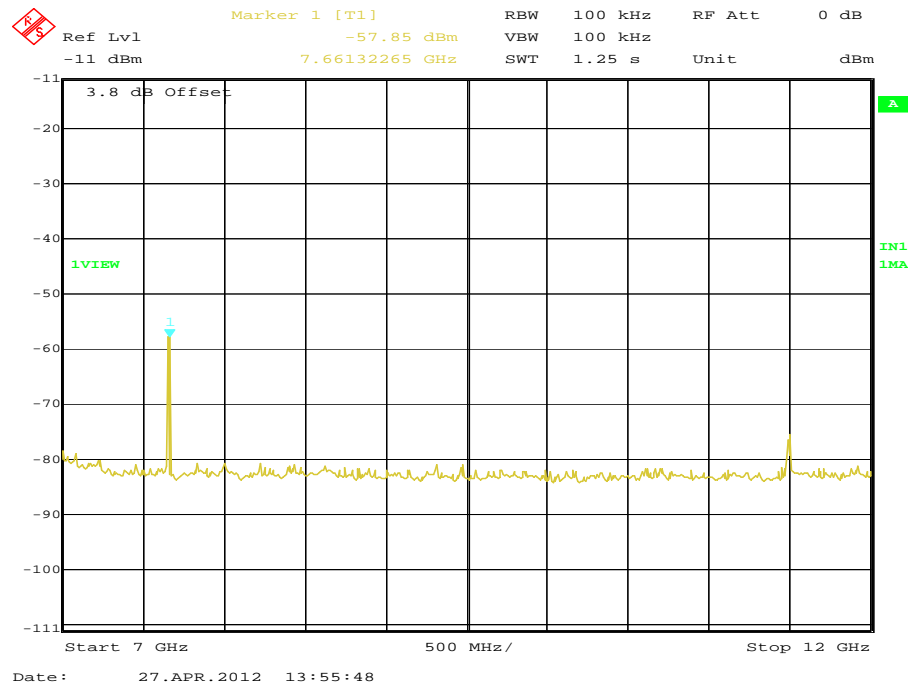
Frequency Band 4

5745 MHz

9 kHz to 7 GHz



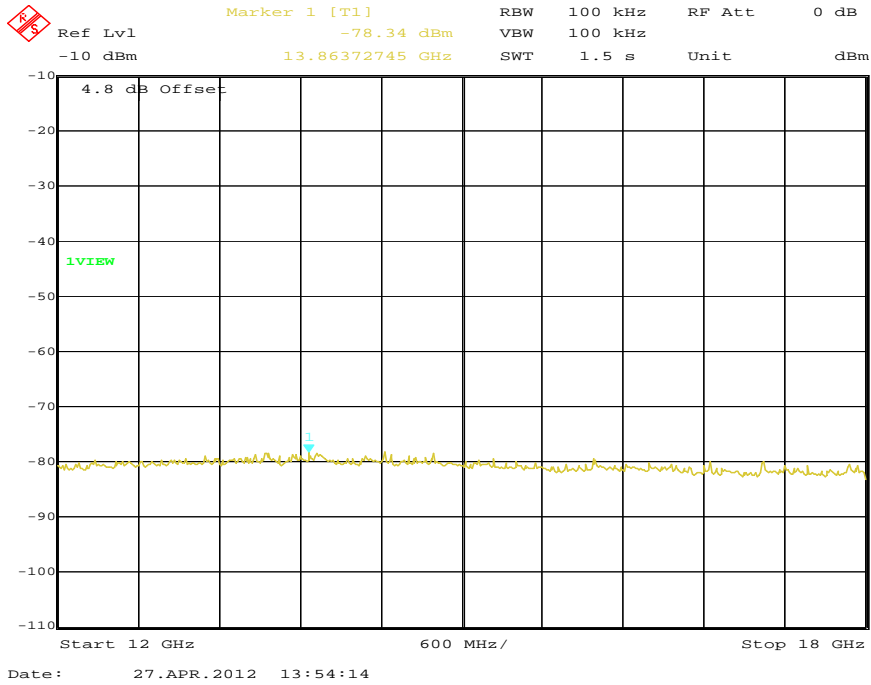
7 GHz to 12 GHz



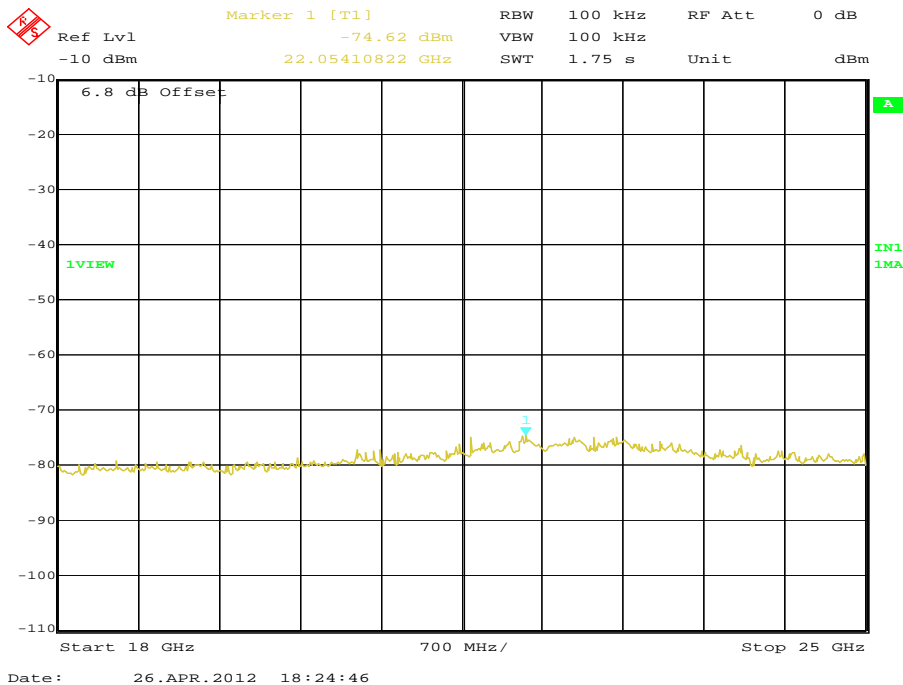


Product Service

12 GHz to 18 GHz



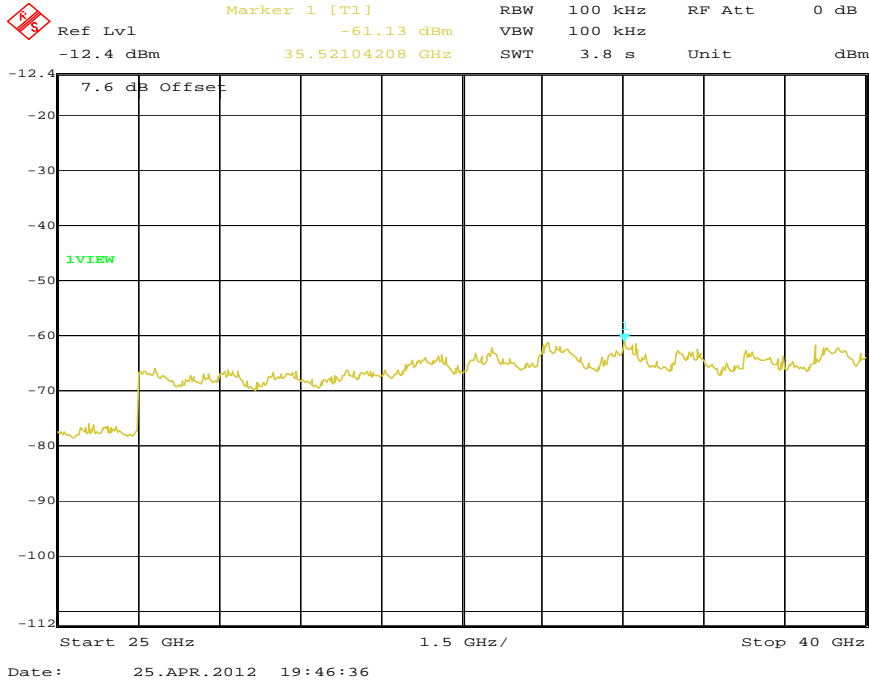
18 GHz to 25 GHz





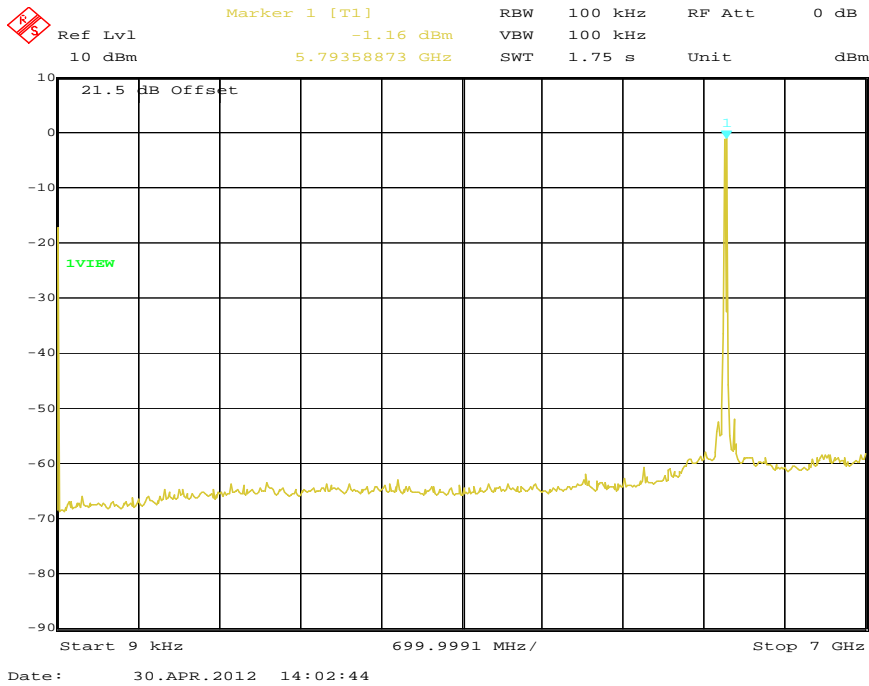
Product Service

25 GHz to 40 GHz



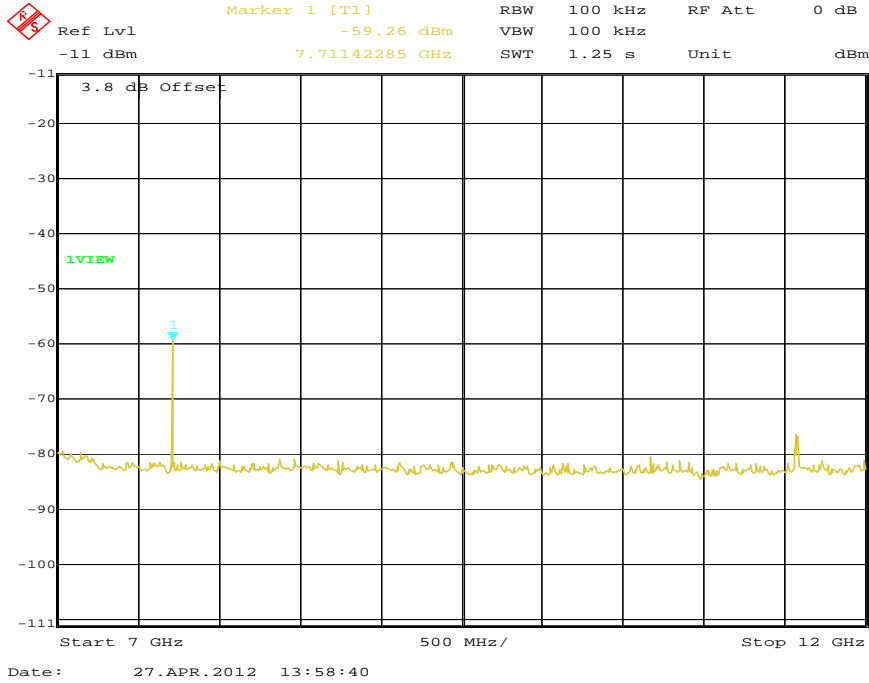
5785 MHz

9 kHz to 7 GHz

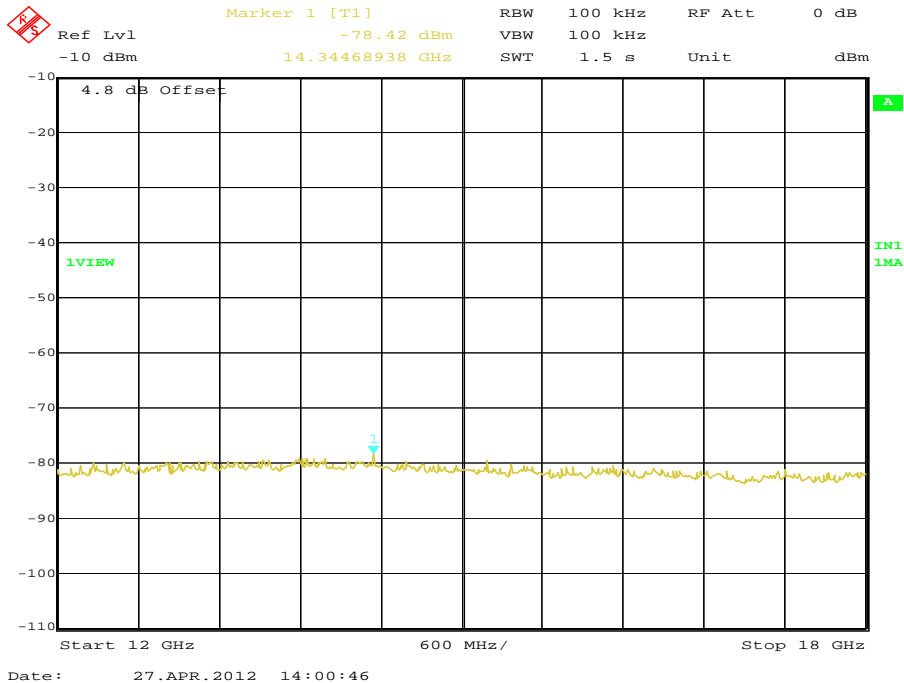




7 GHz to 12 GHz

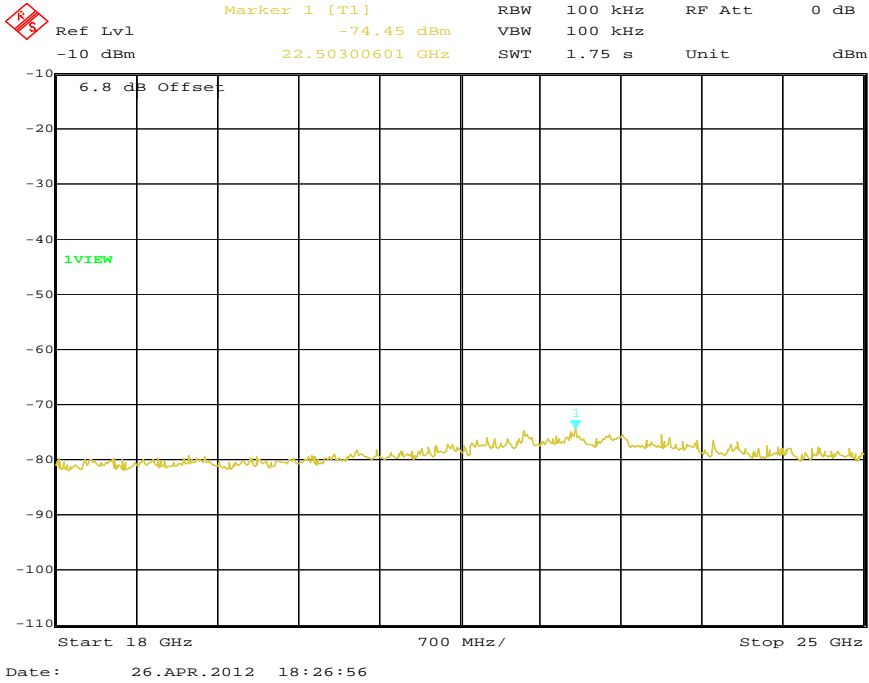


12 GHz to 18 GHz

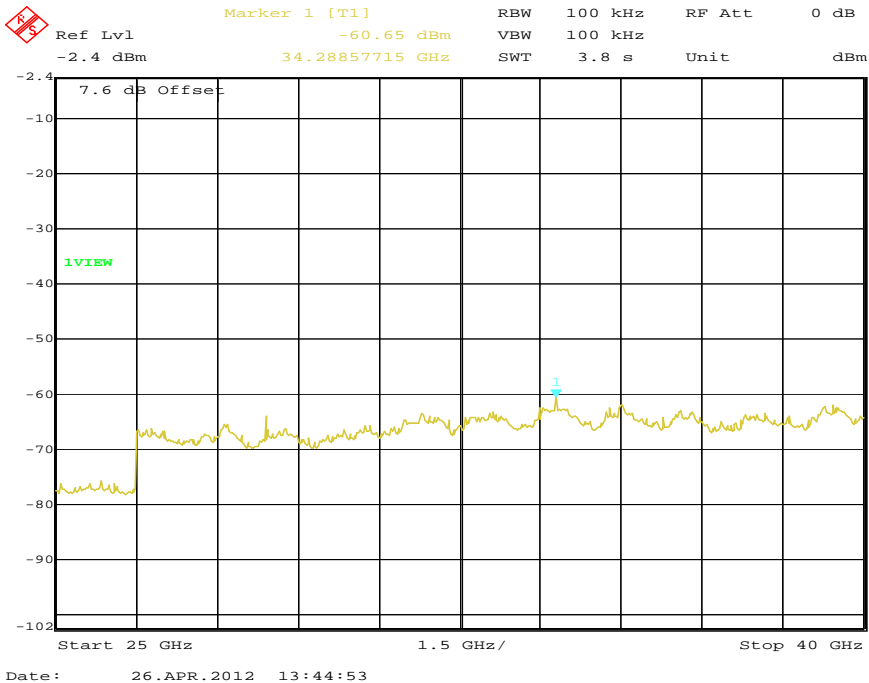




18 GHz to 25 GHz



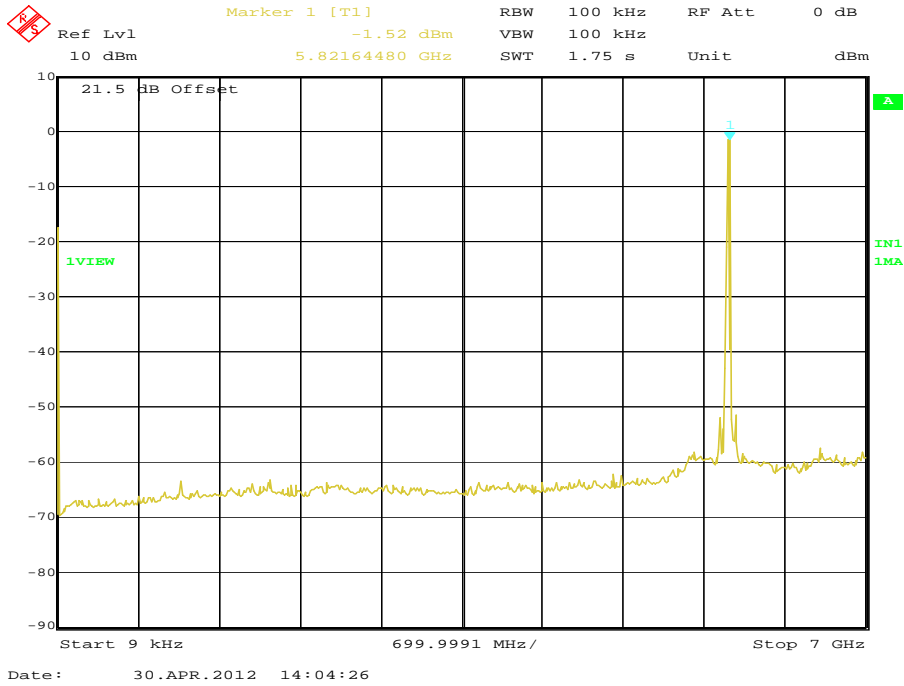
25 GHz to 40 GHz



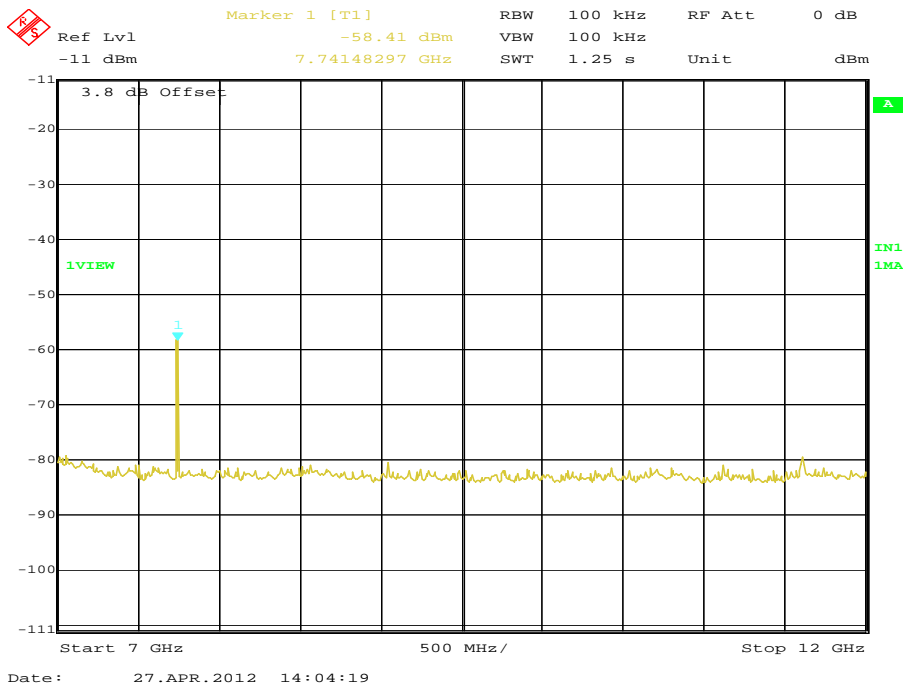


5805 MHz

9 kHz to 7 GHz



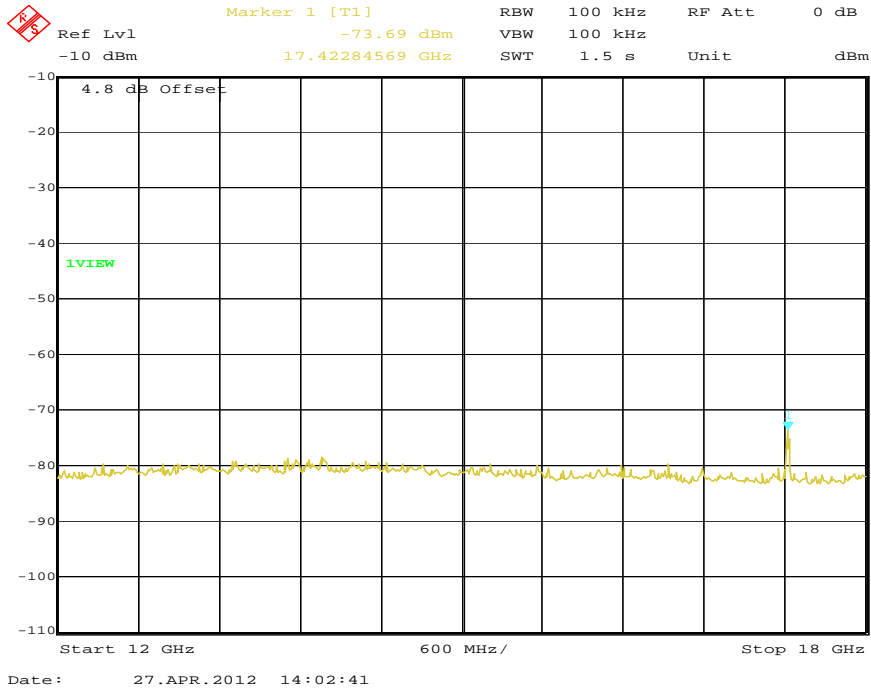
7 GHz to 12 GHz



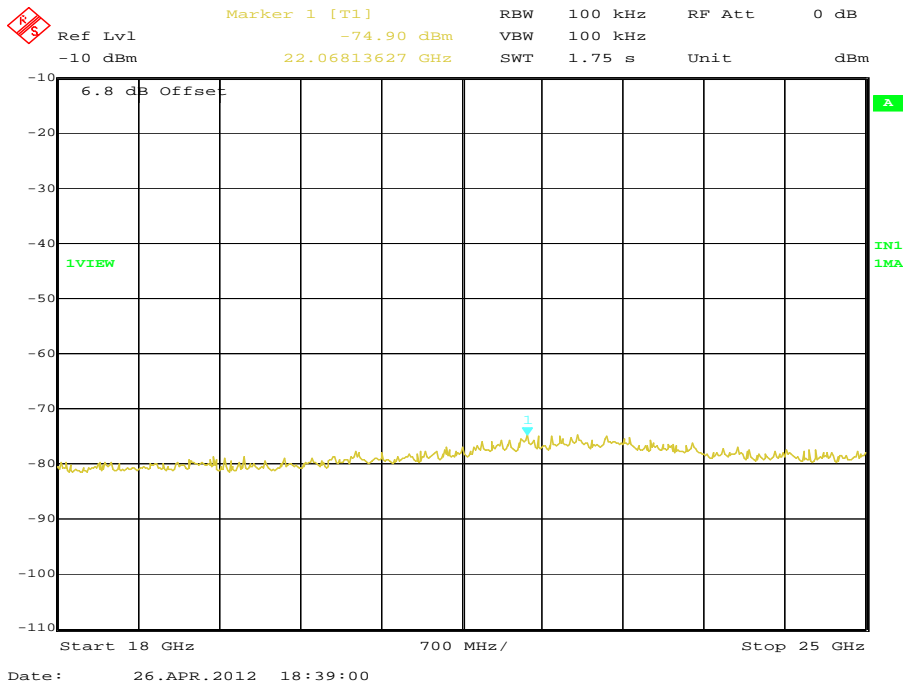


Product Service

12 GHz to 18 GHz



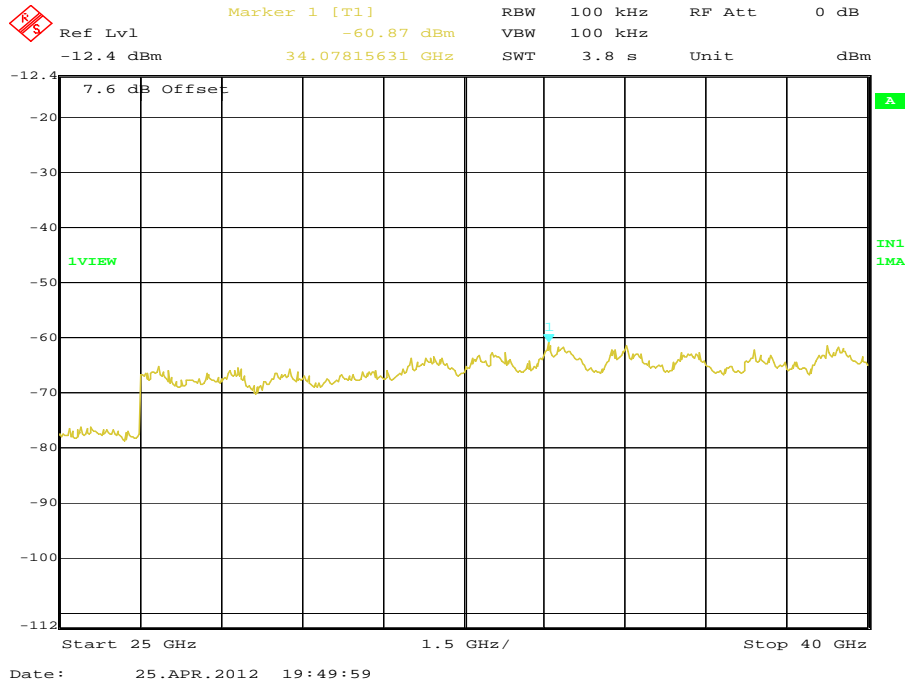
18 GHz to 25 GHz





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.



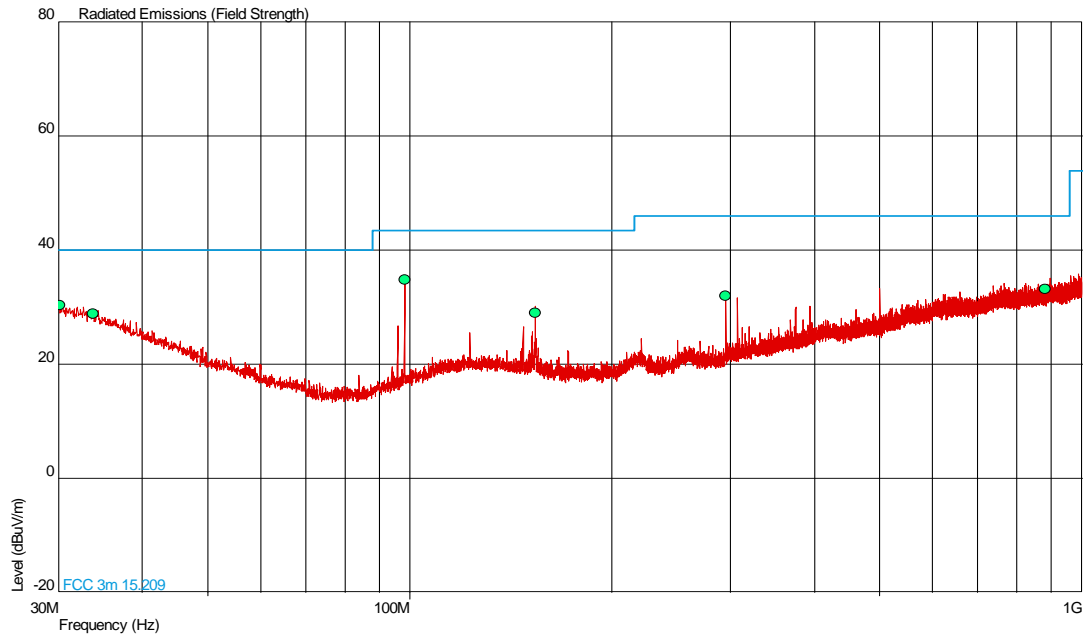
Product Service

Spurious Radiated Emissions

Frequency Band 1

5180 MHz

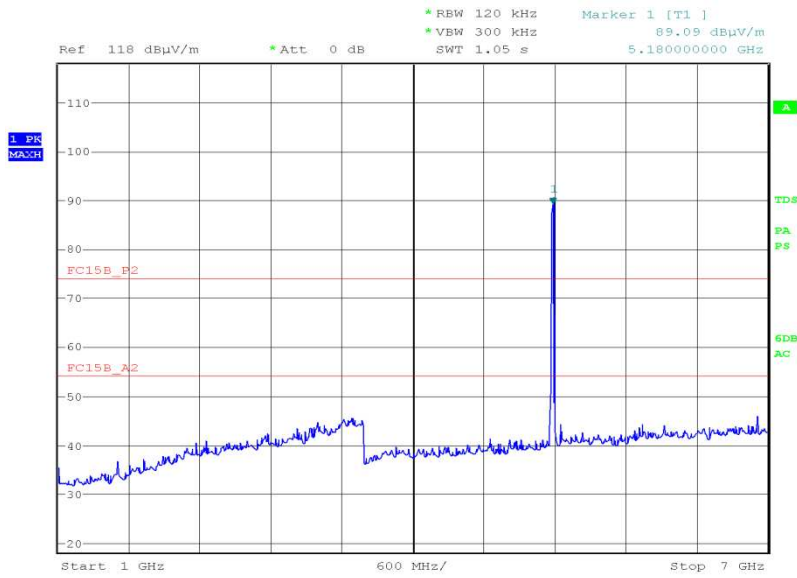
30 MHz to 1 GHz



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

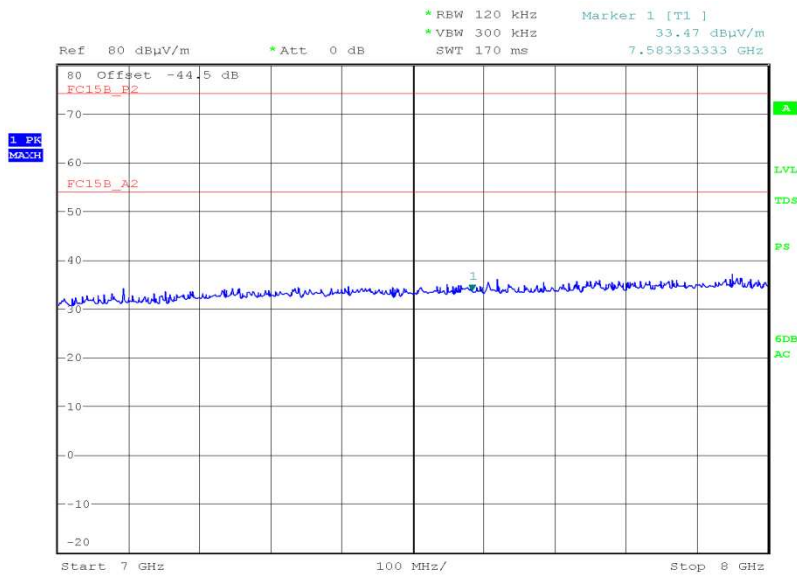


1 GHz to 7 GHz



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

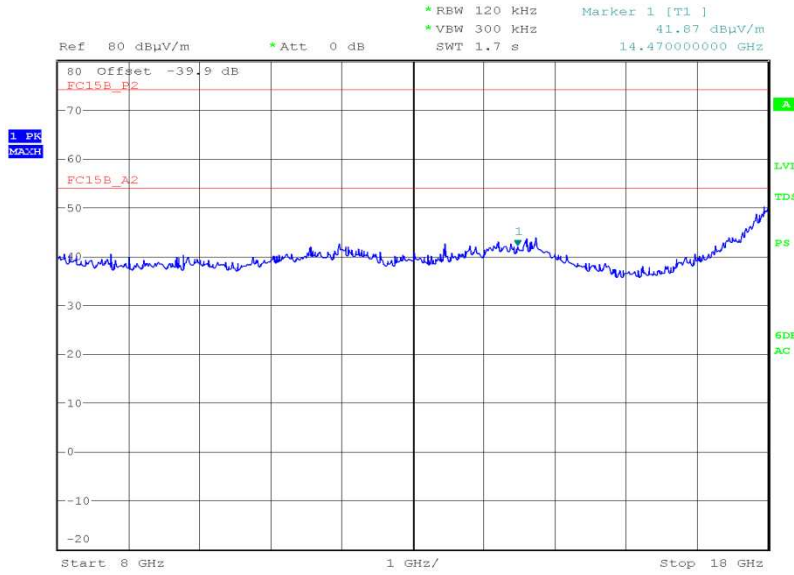
7 GHz to 8 GHz



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

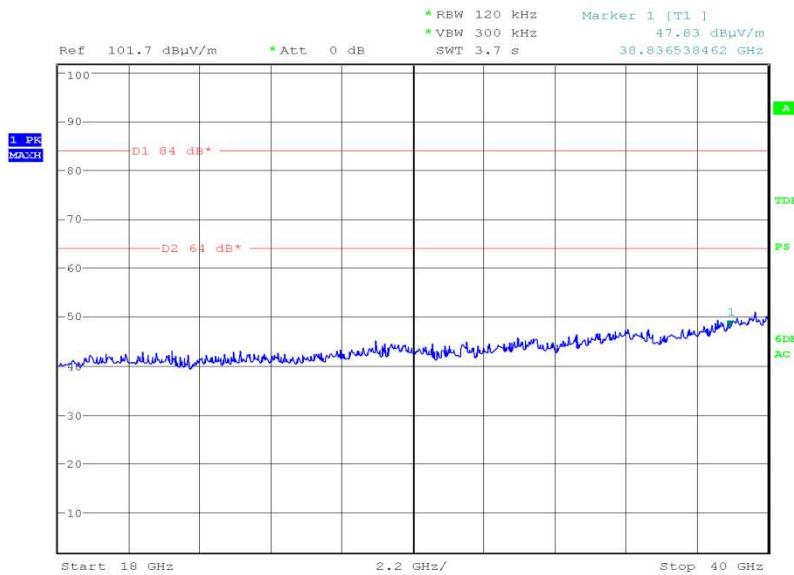


8 GHz to 18 GHz



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

18 GHz to 40 GHz



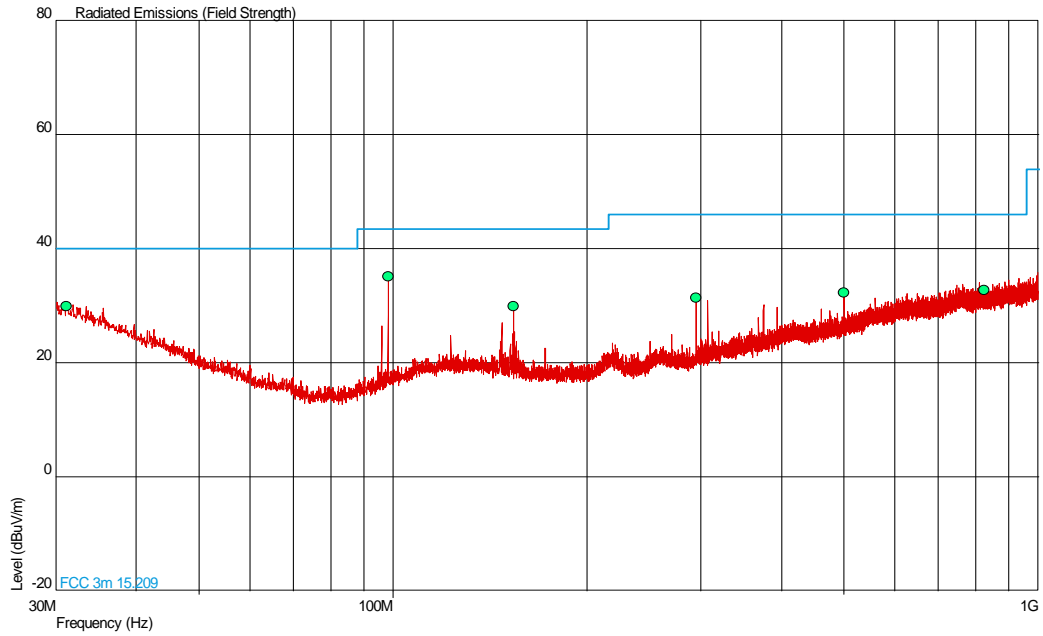
Date: 3.APR.2012 21:33:26



Product Service

5220 MHz

30 MHz to 1 GHz

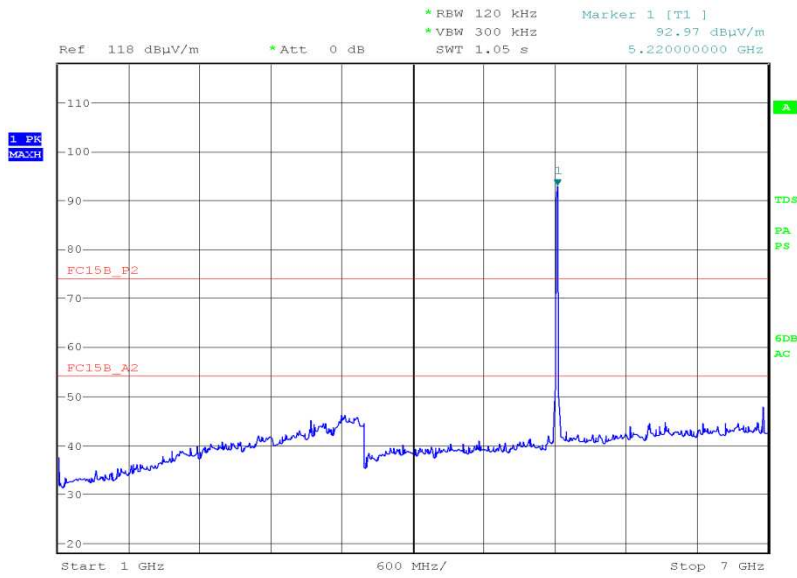


Frequency (MHz)	QP Level (dBµV/m)	QP Level (µV/m)	QP Limit (dBµV/m)	QP Limit (µV/m)	QP Margin (dBµV/m)	QP Margin (µV/m)	Angle (Deg)	Height(m)	Polarity
31.131	30.0	31.6	40.0	100	-10.0	68.4	130	1.00	Vertical
98.309	35.1	56.9	43.5	150	-8.4	93.1	255	1.37	Vertical
153.593	29.9	31.3	43.5	150	-13.6	118.7	73	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



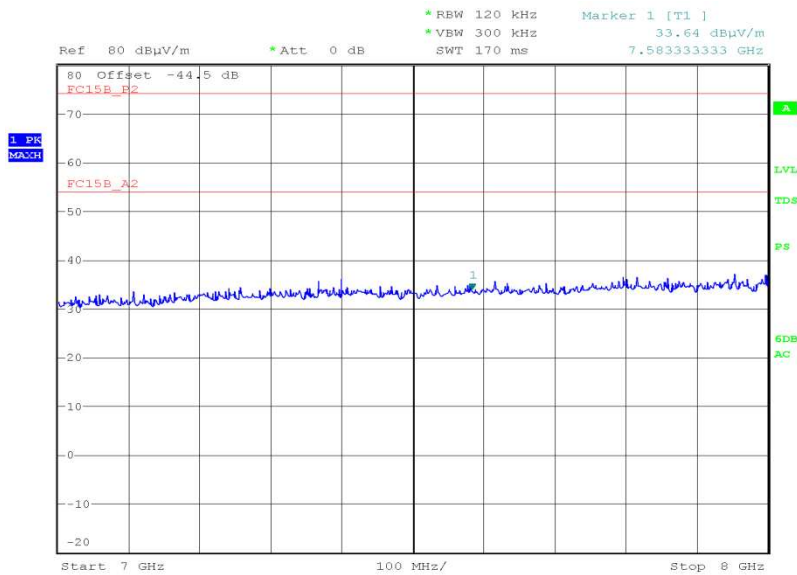
Product Service

1 GHz to 7 GHz



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

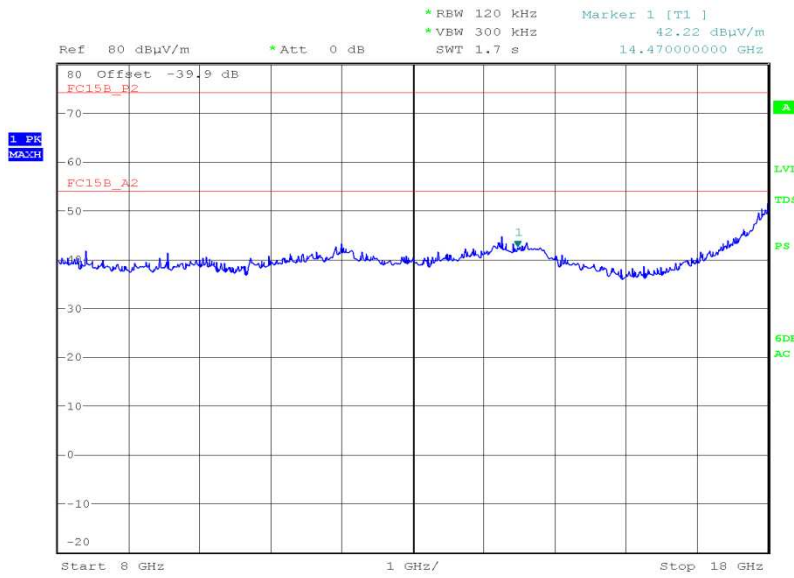
7 GHz to 8 GHz



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

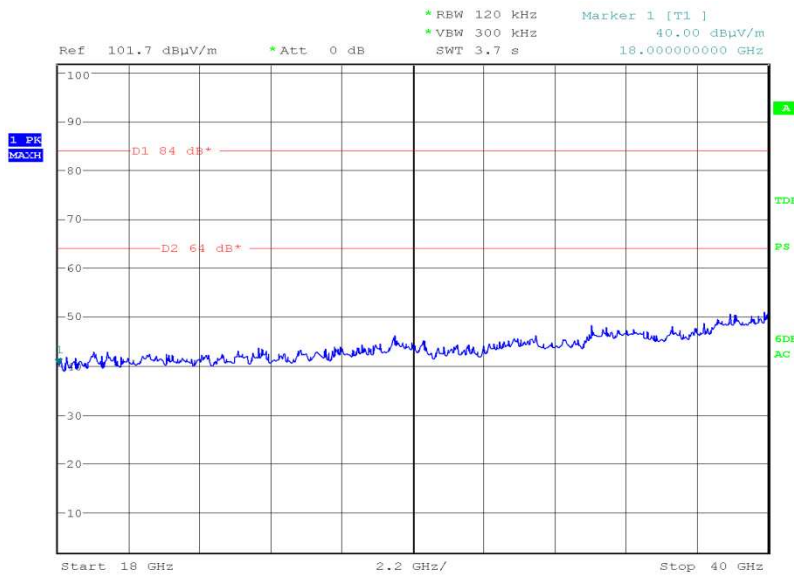


8 GHz to 18 GHz



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

18 GHz to 40 GHz



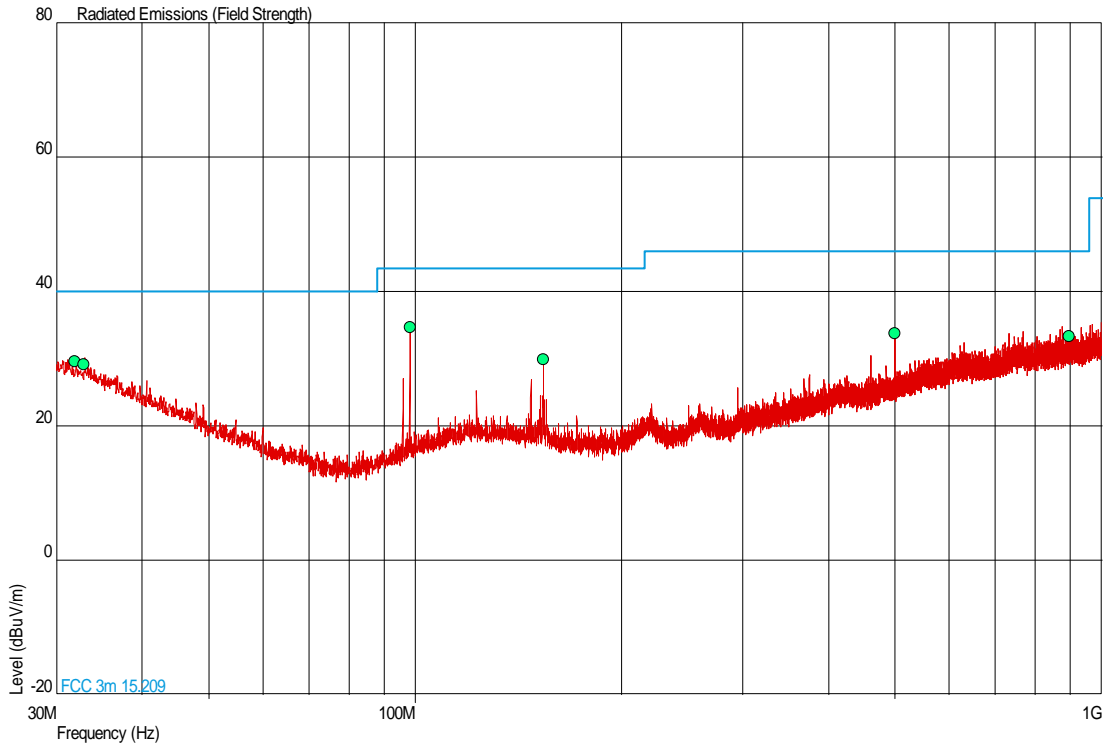
Date: 3.APR.2012 21:46:33



Product Service

5240 MHz

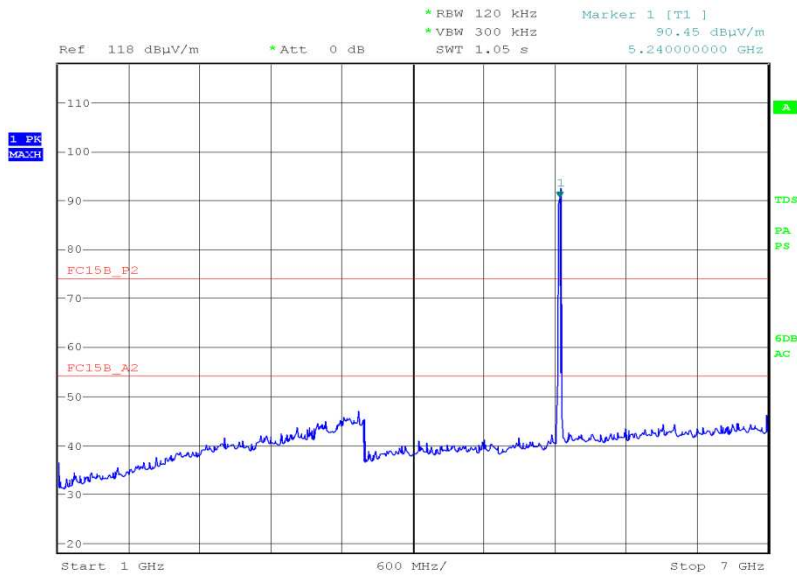
30 MHz to 1 GHz



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

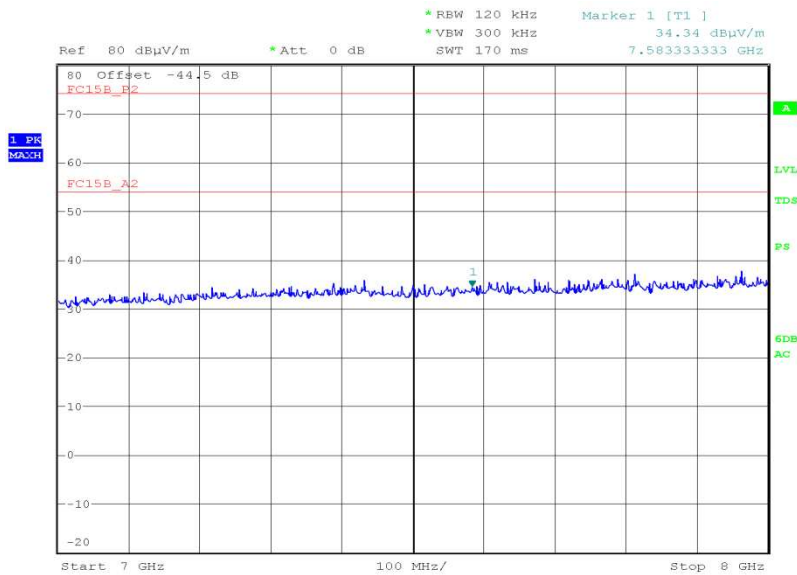


1 GHz to 7 GHz



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

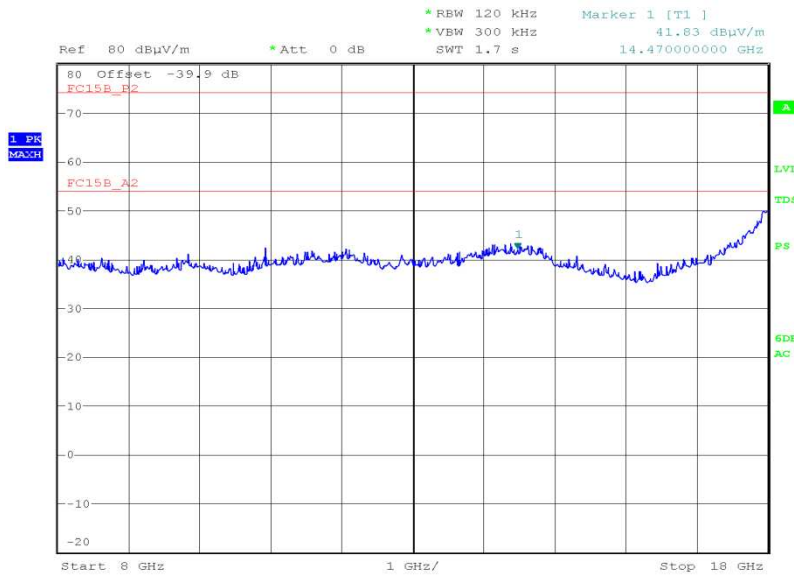
7 GHz to 8 GHz



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

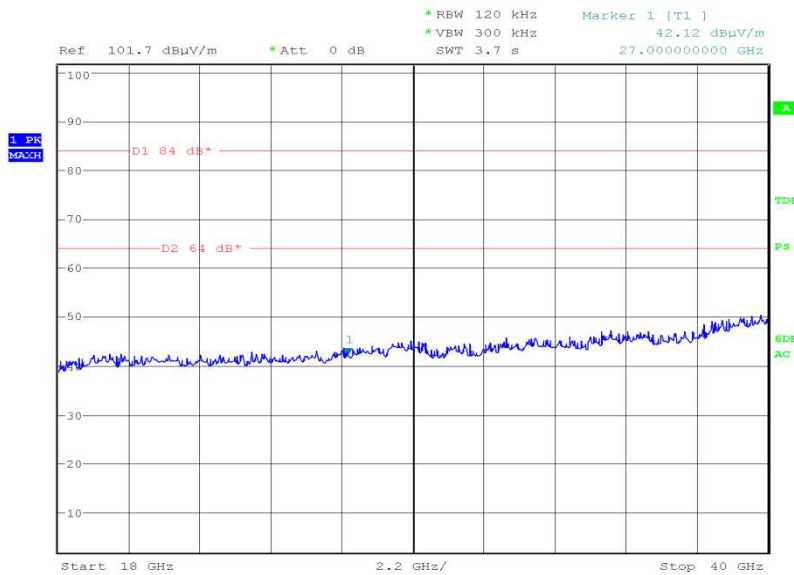


8 GHz to 18 GHz



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

18 GHz to 40 GHz



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

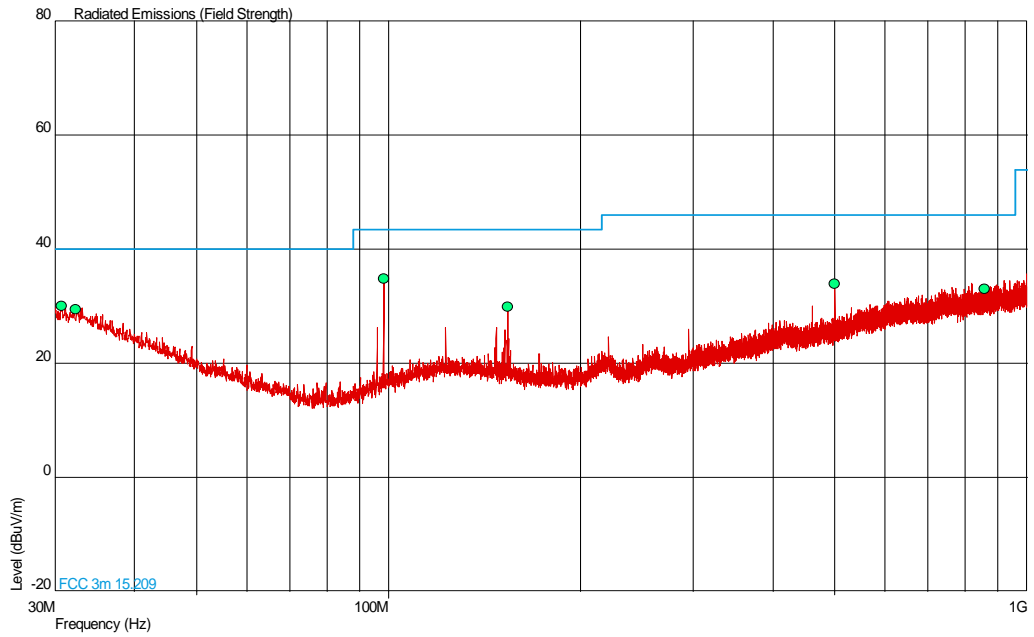


Product Service

Frequency Band 2

5260 MHz

30 MHz to 1 GHz

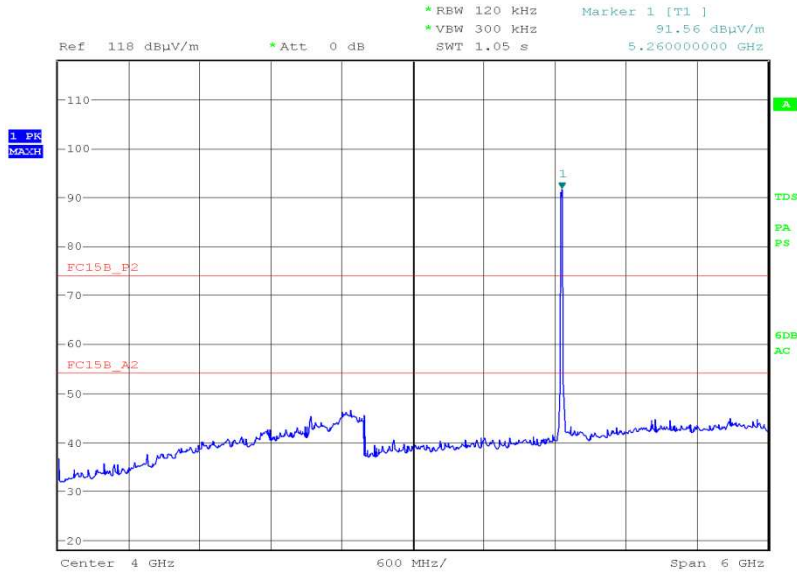


Frequency (MHz)	QP Level (dB μ V/m)	QP Level (μ V/m)	QP Limit (dB μ V/m)	QP Limit (μ V/m)	QP Margin (dB μ V/m)	QP Margin (μ V/m)	Angle (Deg)	Height(m)	Polarity
30.771	30.1	32.0	40.0	100	-9.9	68.0	20	1.00	Vertical
32.393	29.4	29.5	40.0	100	-10.6	70.5	246	1.00	Vertical
98.304	34.9	55.6	43.5	150	-8.6	94.4	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



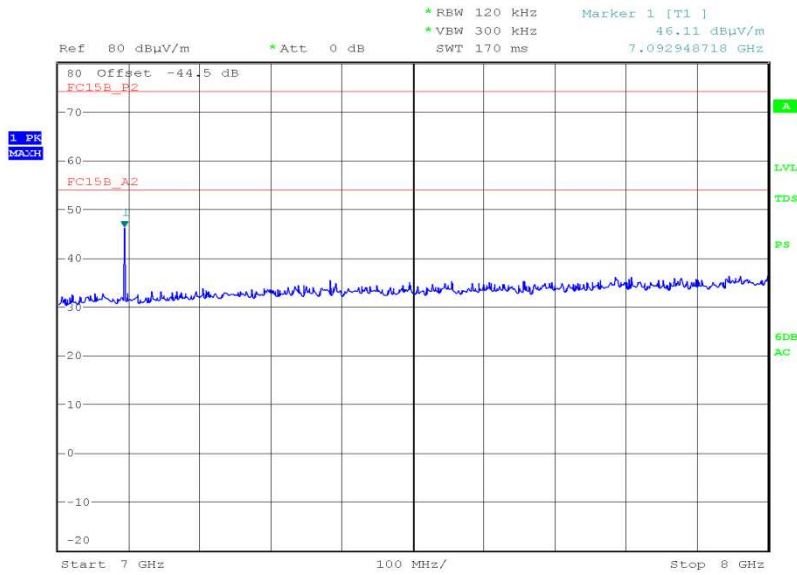
Product Service

1 GHz to 7 GHz



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

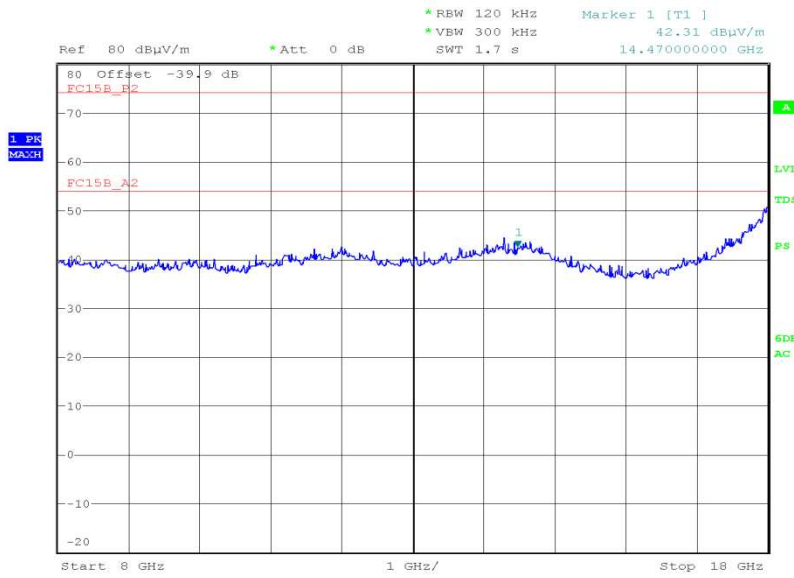
7 GHz to 8 GHz



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

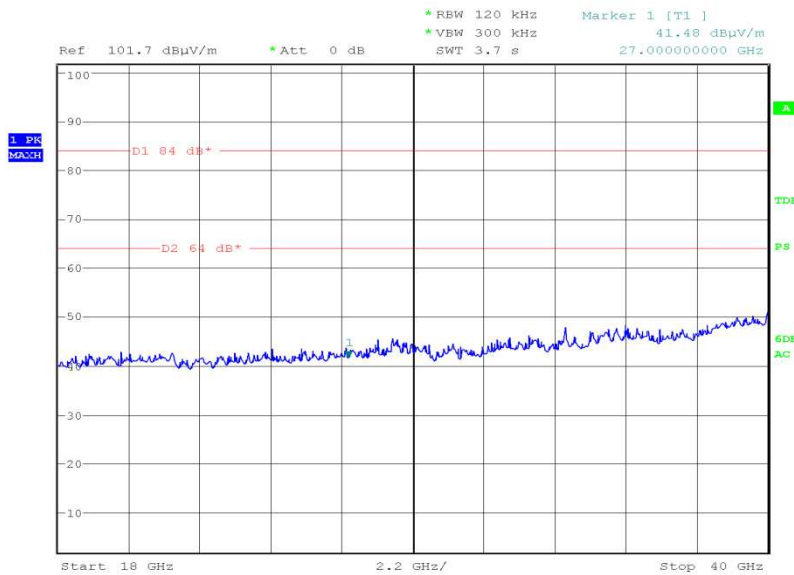


8 GHz to 18 GHz



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

18 GHz to 40 GHz



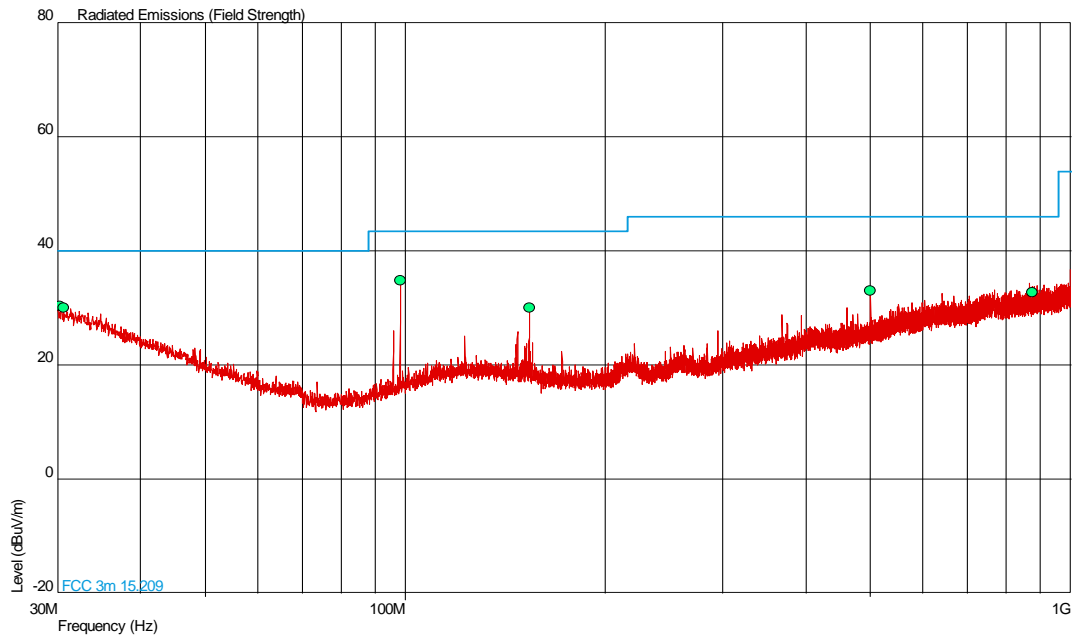
Date: 3.APR.2012 22:03:51



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

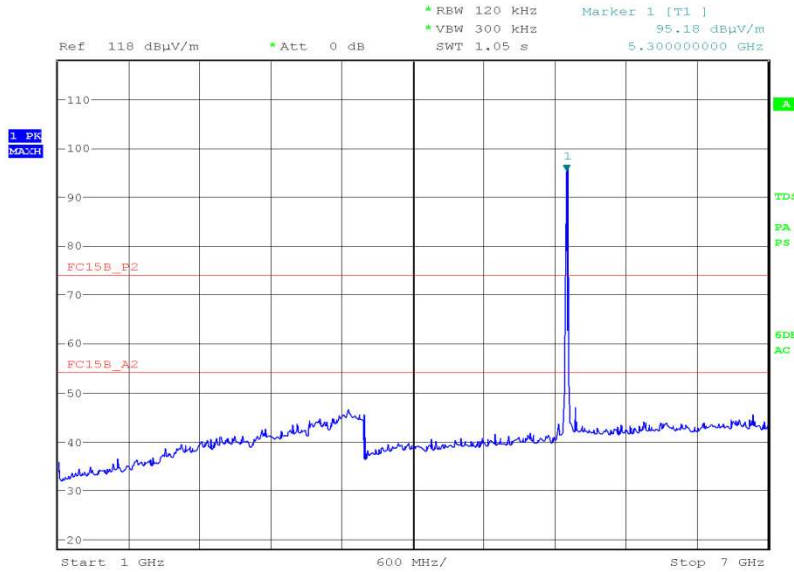


Product Service

1GHz to 40GHz

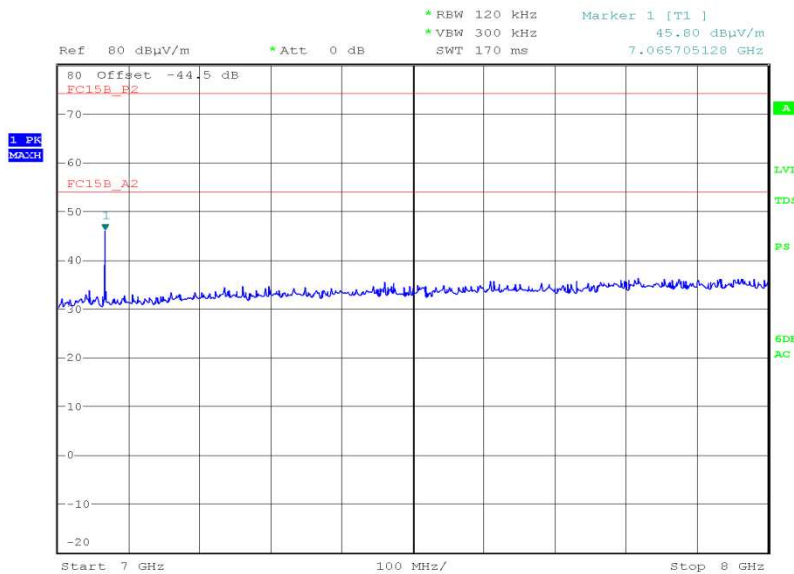
Frequency (GHz)	Antenna Polarisation	Antenna Height (cm)	EUT Arc (degrees)	Final Peak (dBµV/m)	Final Average (dBµV/m)
5.372	Vertical	100	345	54.52	45.82

1 GHz to 7 GHz



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

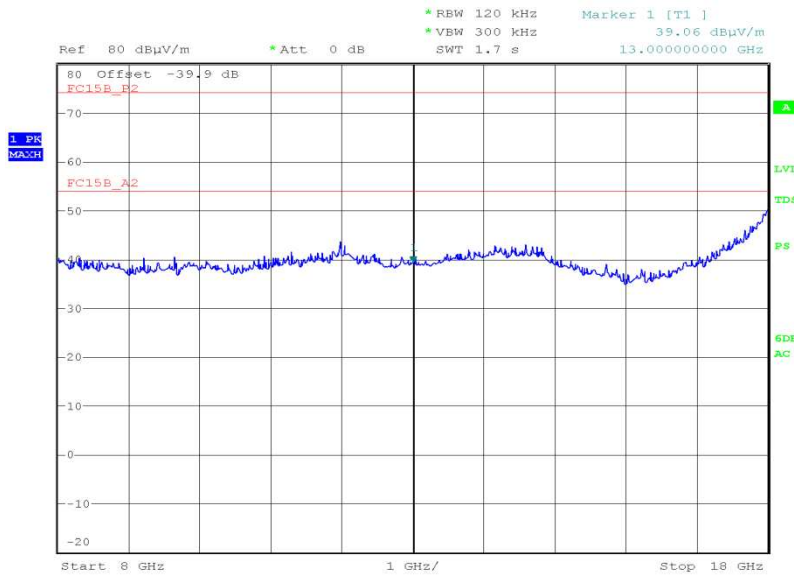
7 GHz to 8 GHz



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

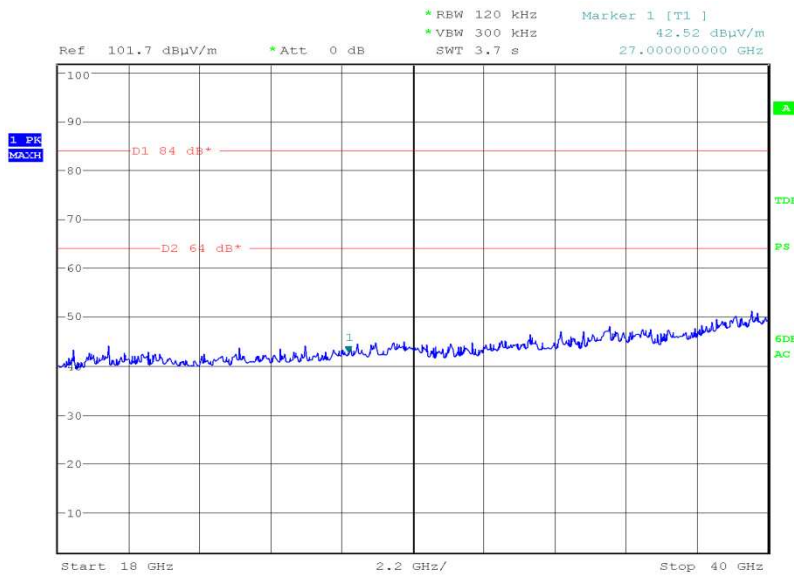


8 GHz to 18 GHz



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

18 GHz to 40 GHz



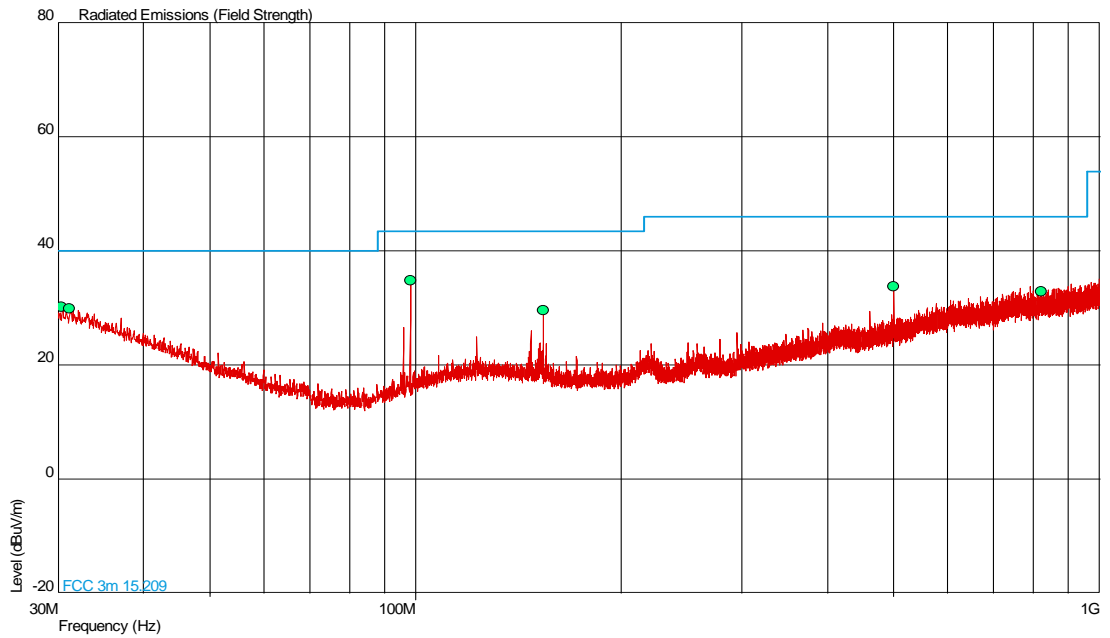
Date: 3.APR.2012 22:11:46



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

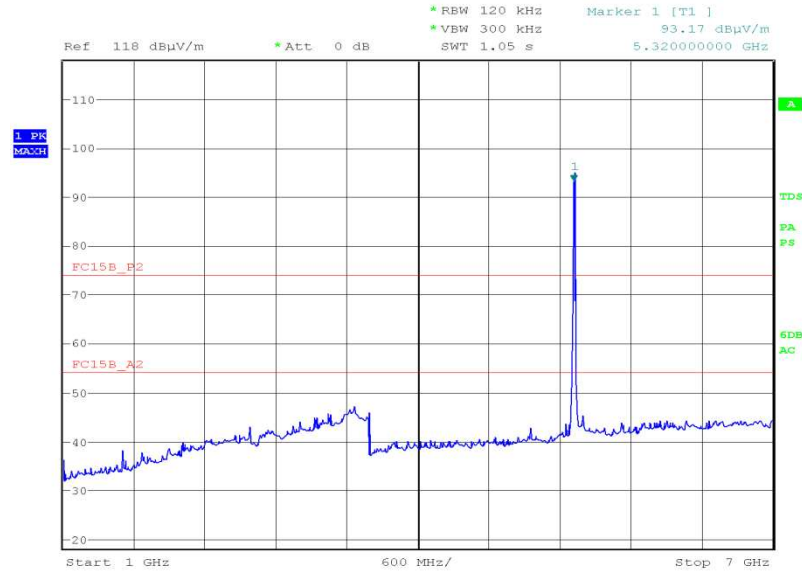


Product Service

1GHz to 40GHz

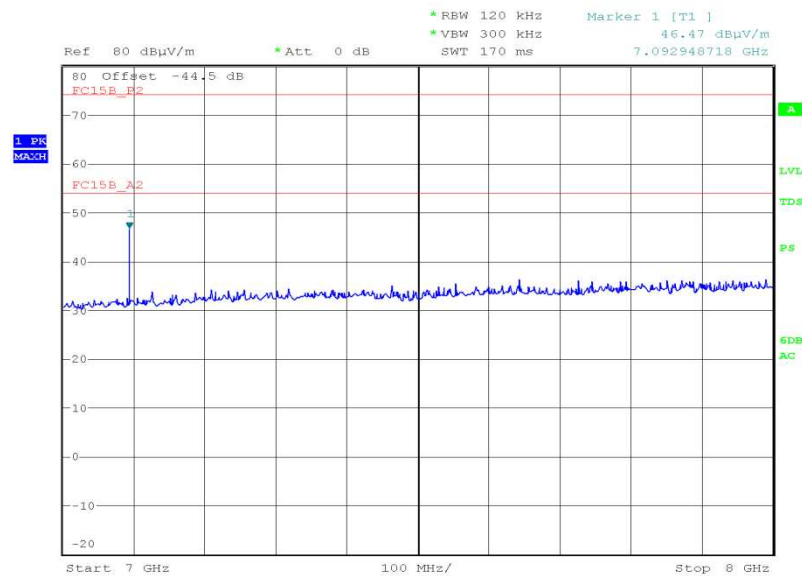
Frequency (GHz)	Antenna Polarisation	Antenna Height (cm)	EUT Arc (degrees)	Final Peak (dBµV/m)	Final Average (dBµV/m)
5.392	Vertical	100	006	52.69	45.96

1 GHz to 7 GHz



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

7 GHz to 8 GHz

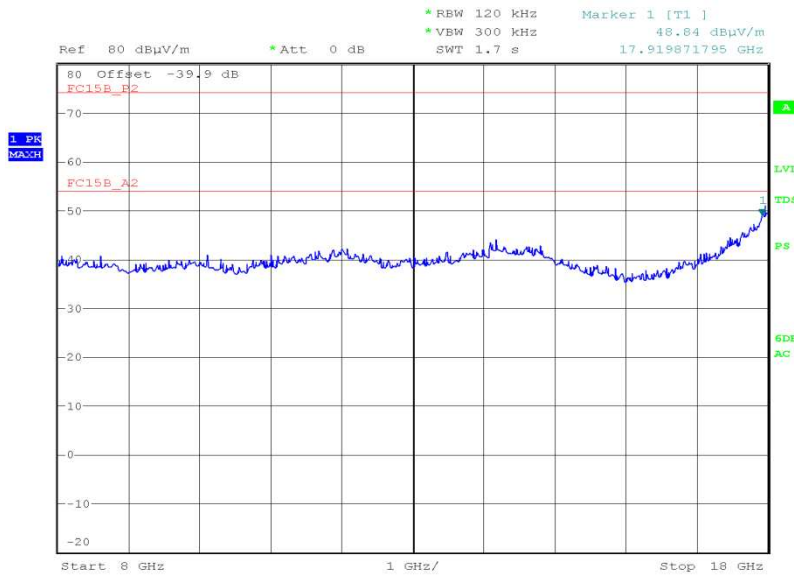


Date: 14.MAR.2012 19:42:38



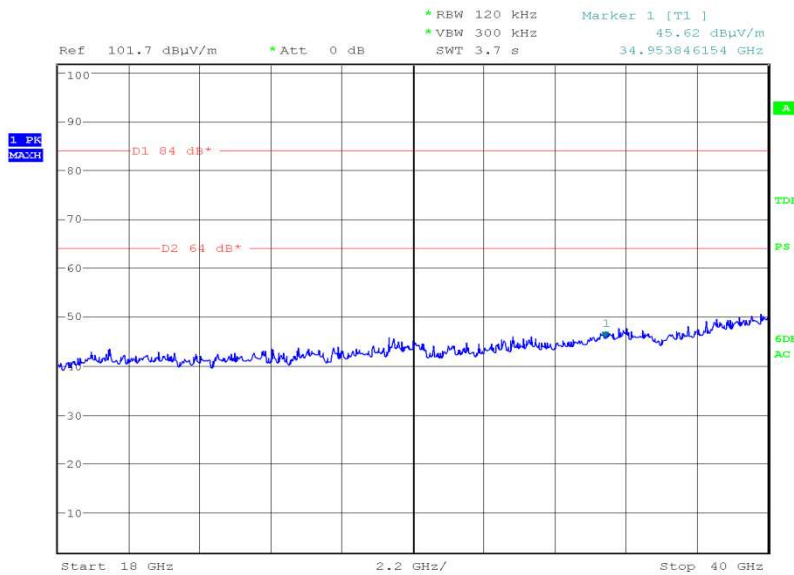
Product Service

8 GHz to 18 GHz



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

18 GHz to 40 GHz



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

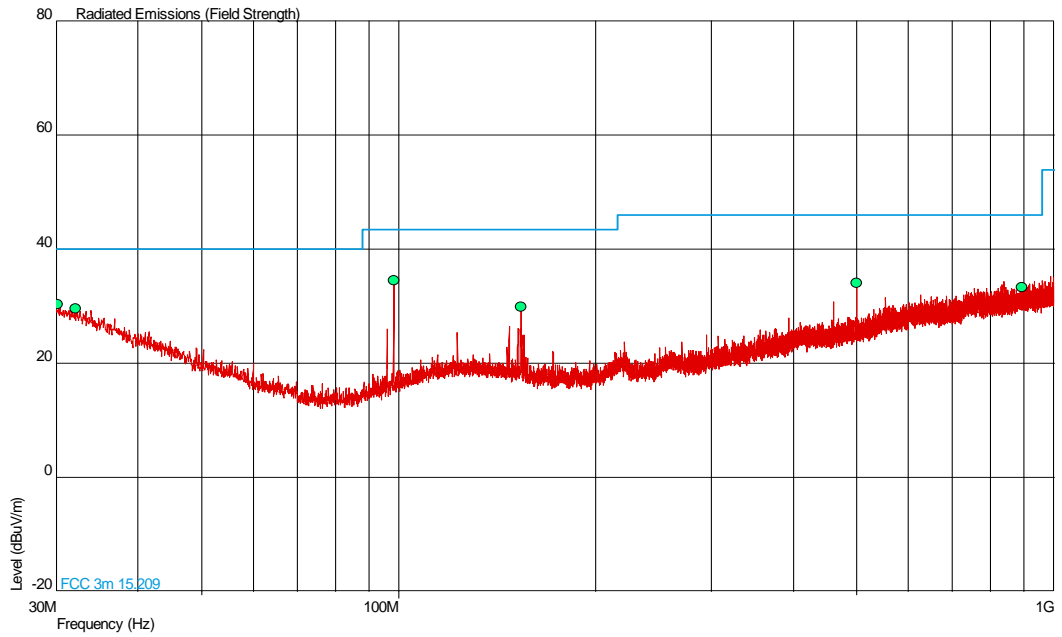


Product Service

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

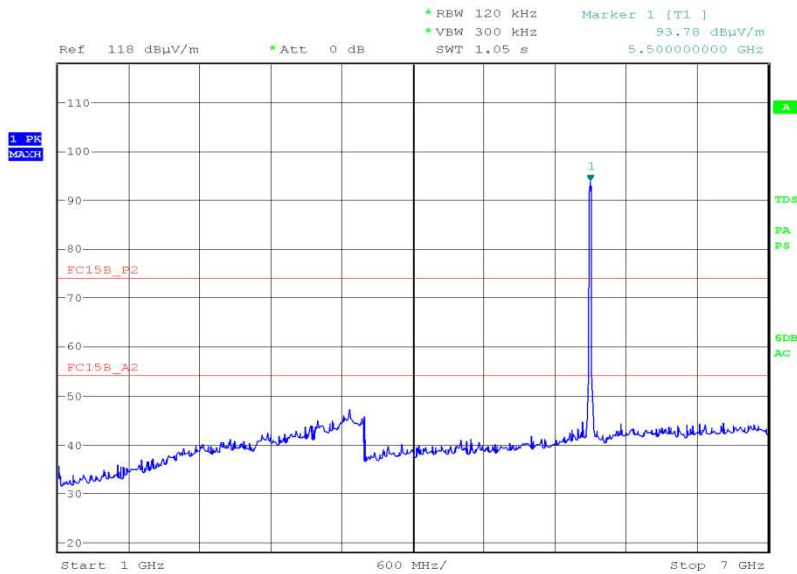


Product Service

1GHz to 40GHz

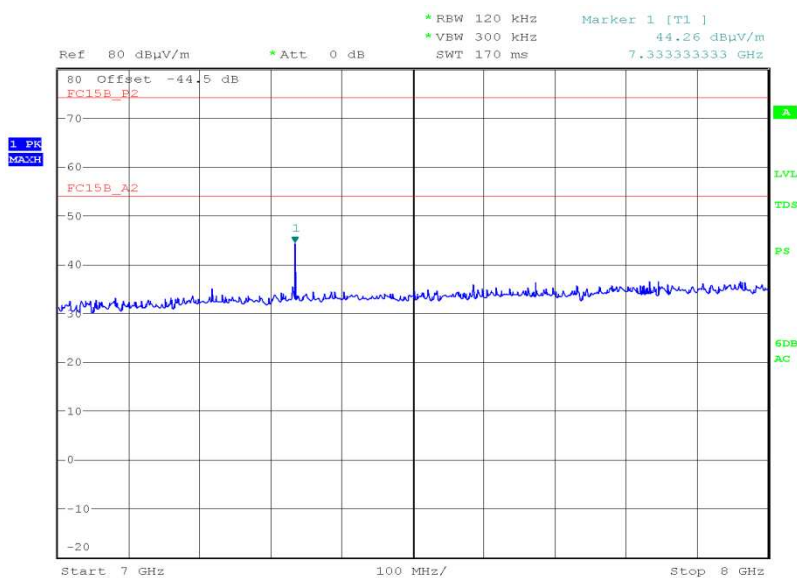
Frequency (GHz)	Antenna Polarisation	Antenna Height (cm)	EUT Arc (degrees)	Final Peak (dBµV/m)	Final Average (dBµV/m)
5.427	Vertical	100	006	54.67	43.03
7.333	Vertical	100	086	51.06	45.94

1 GHz to 7 GHz



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

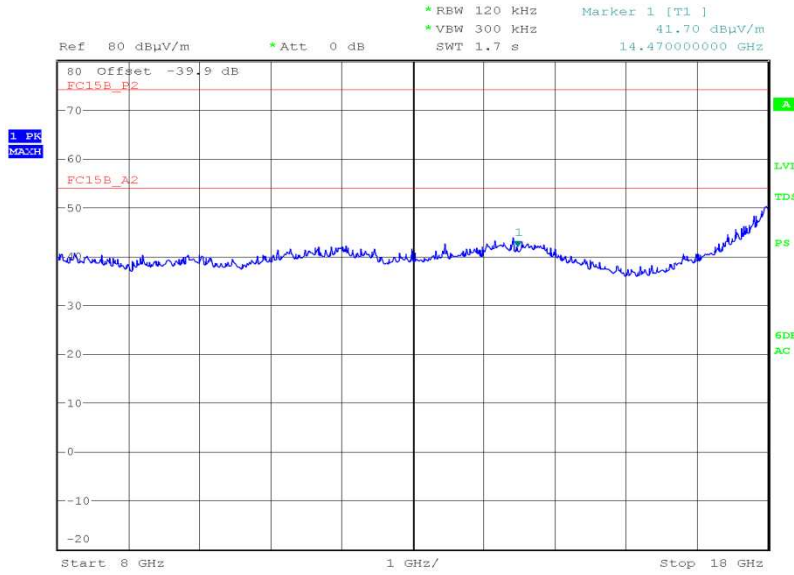
7 GHz to 8 GHz



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

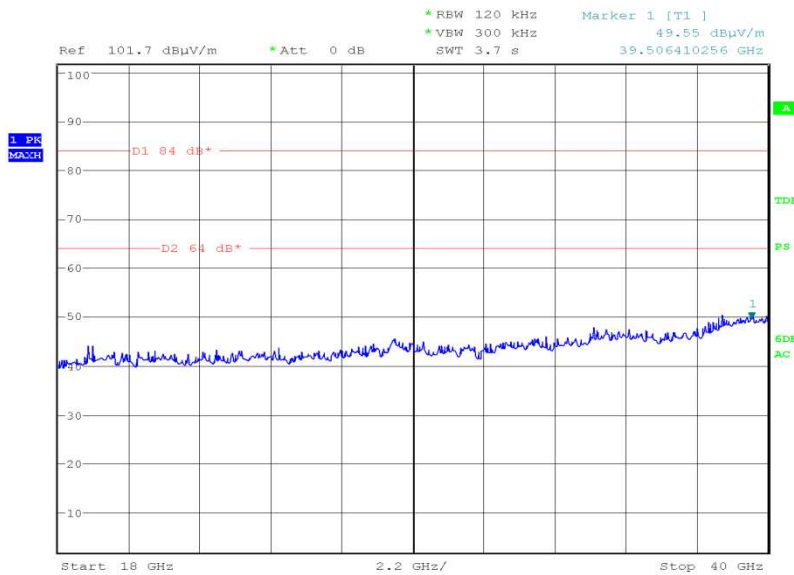


8 GHz to 18 GHz



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

18 GHz to 40 GHz



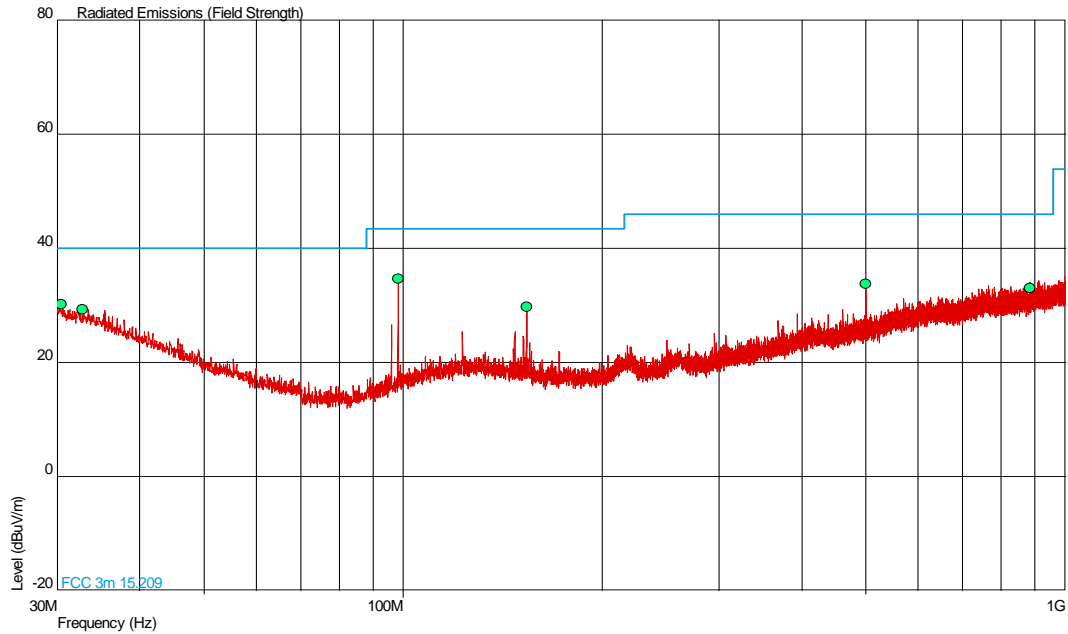
Date: 3.APR.2012 22:31:43



Product Service

5600 MHz

30 MHz to 1 GHz



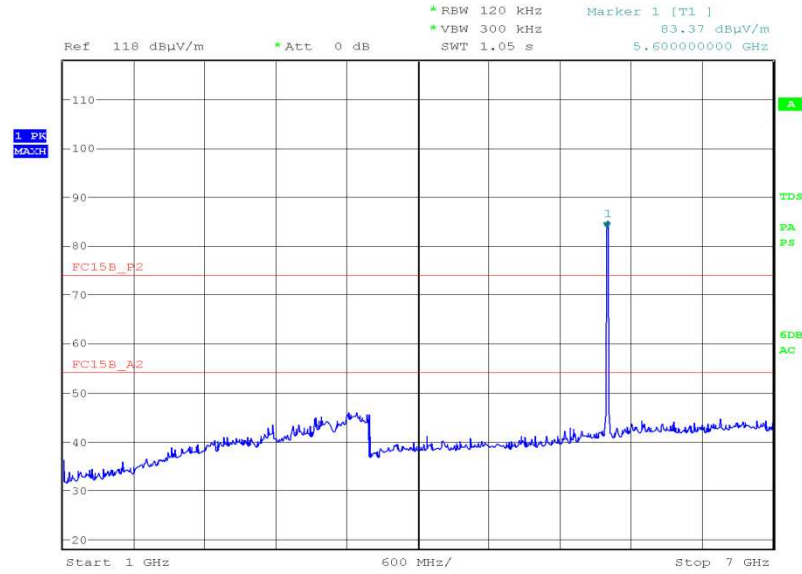
Frequency (MHz)	QP Level (dBμV/m)	QP Level (μV/m)	QP Limit (dBμV/m)	QP Limit (μV/m)	QP Margin (dBμV/m)	QP Margin (μV/m)	Angle (Deg)	Height(m)	Polarity
30.414	30.2	32.4	40.0	100	-9.8	67.6	292	2.28	Vertical
32.762	29.4	29.5	40.0	100	-10.6	70.5	304	1.00	Vertical
98.304	34.7	54.3	43.5	150	-8.8	95.7	244	1.00	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



1GHz to 40GHz

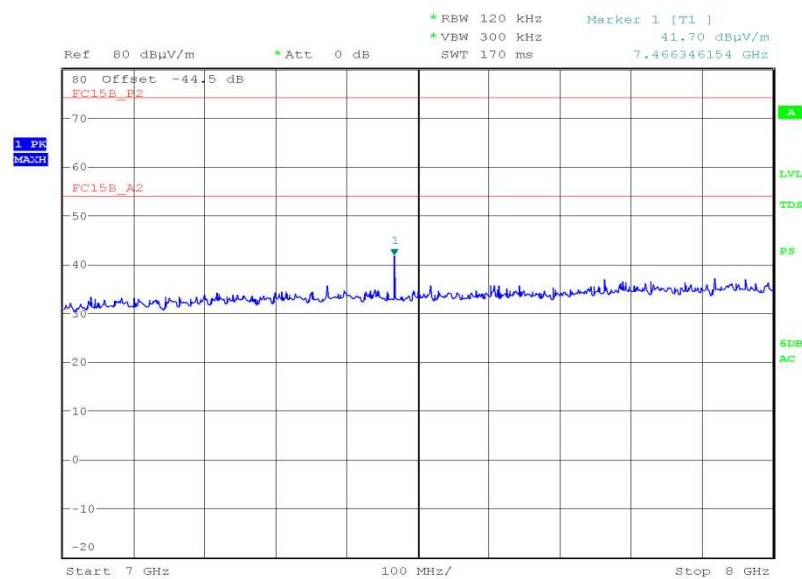
Frequency (GHz)	Antenna Polarisation	Antenna Height (cm)	EUT Arc (degrees)	Final Peak (dBµV/m)	Final Average (dBµV/m)
7.466	Vertical	101	048	50.33	44.08

1 GHz to 7 GHz



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

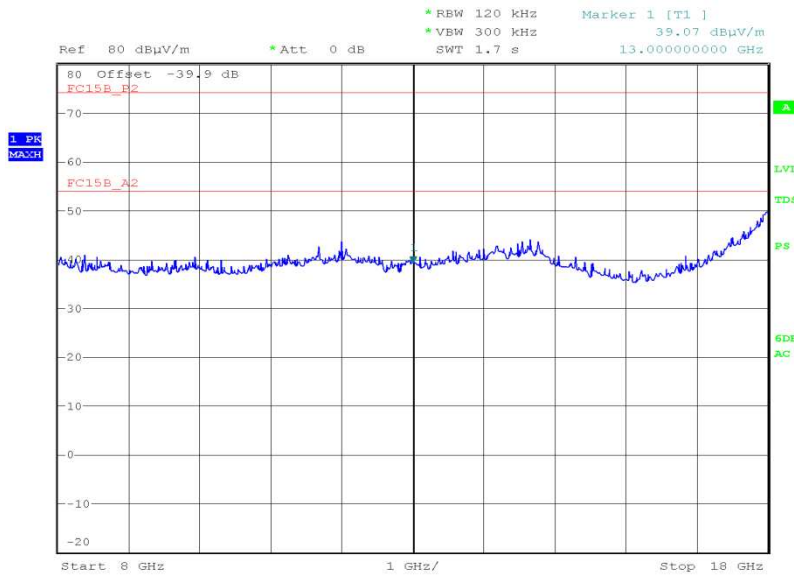
7 GHz to 8 GHz



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

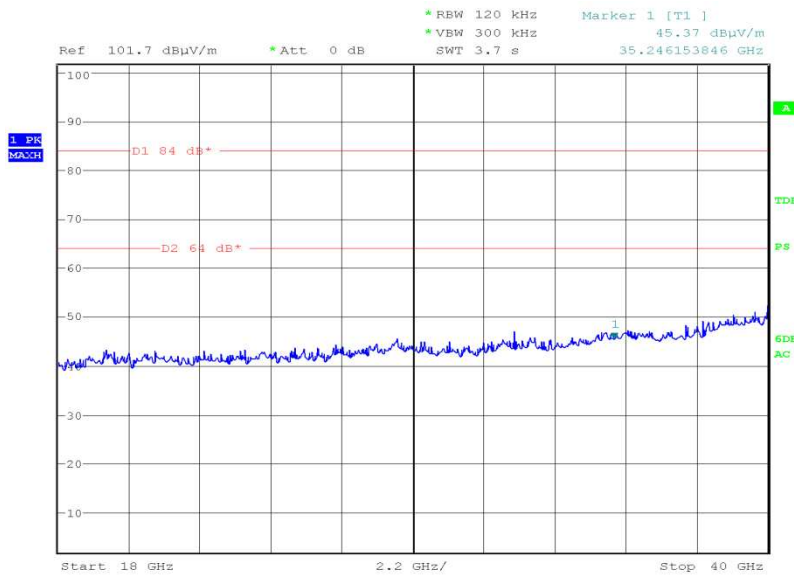


8 GHz to 18 GHz



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

18 GHz to 40 GHz

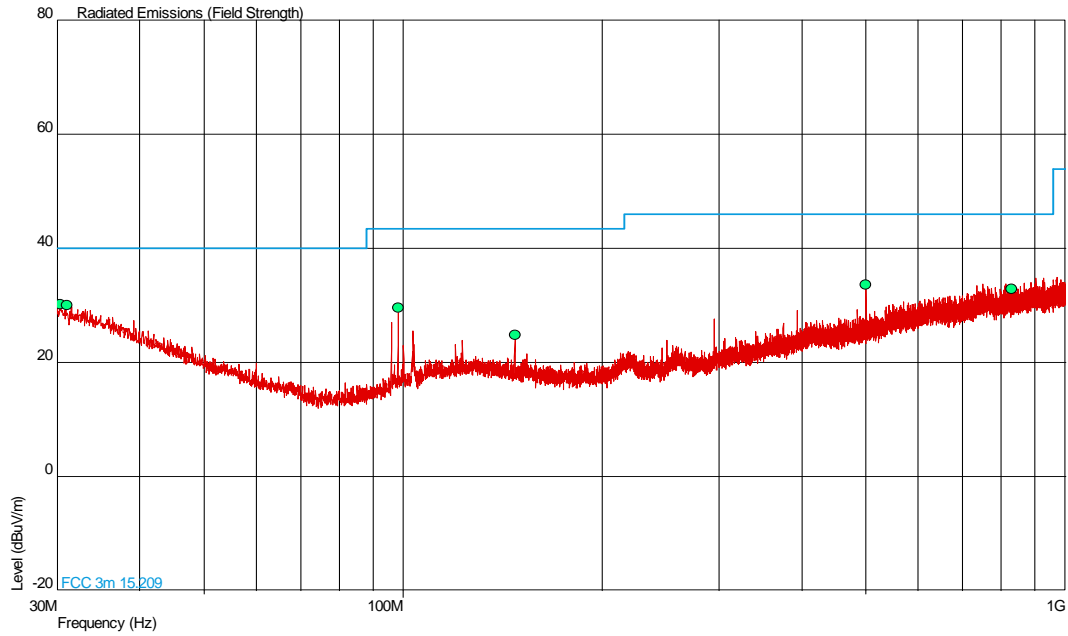


Date: 3.APR.2012 22:39:17



5700 MHz

30 MHz to 1 GHz



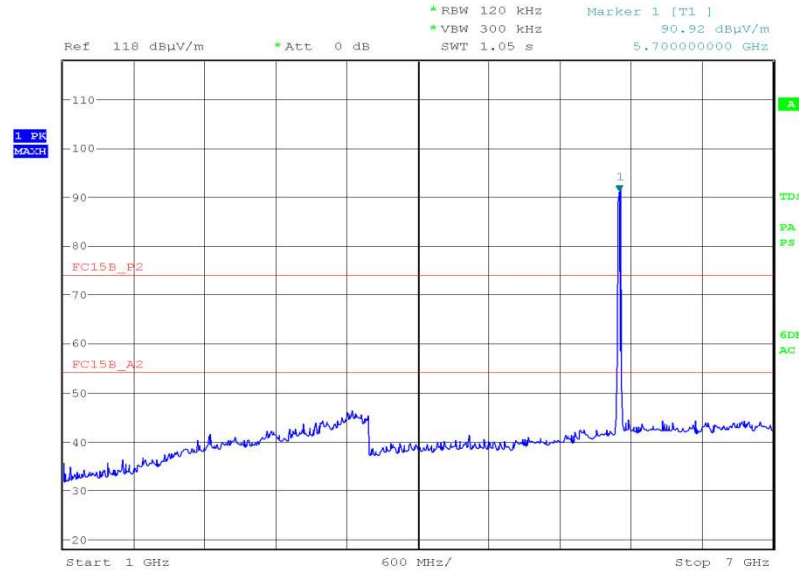
Frequency (MHz)	QP Level (dBµV/m)	QP Level (µV/m)	QP Limit (dBµV/m)	QP Limit (µV/m)	QP Margin (dBµV/m)	QP Margin (µV/m)	Angle (Deg)	Height(m)	Polarity
30.369	30.2	32.4	40.0	100	-9.8	67.6	360	1.00	Vertical
31.064	30.0	31.6	40.0	100	-10.0	68.4	44	2.03	Vertical
98.298	29.6	30.2	43.5	150	-13.9	119.8	270	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



1GHz to 40GHz

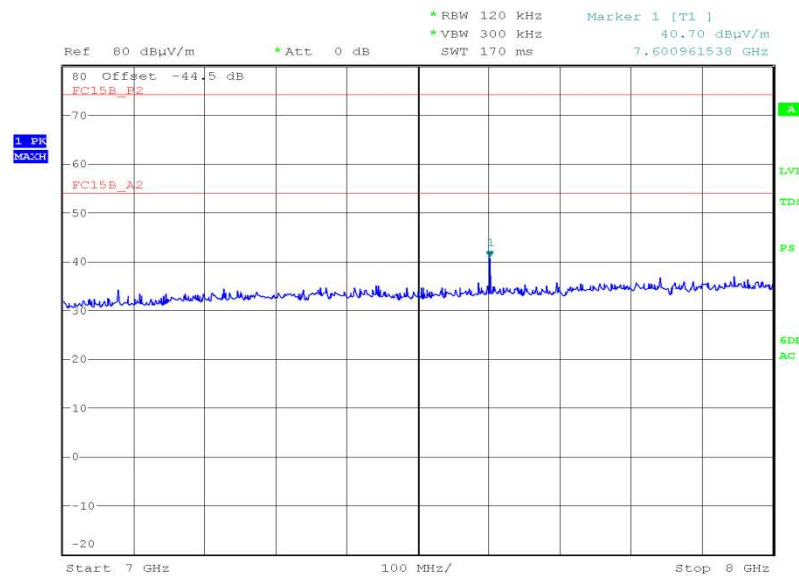
Frequency (GHz)	Antenna Polarisation	Antenna Height (cm)	EUT Arc (degrees)	Final Peak (dBµV/m)	Final Average (dBµV/m)
7.600	Vertical	100	066	48.13	38.25

1 GHz to 7 GHz



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

7 GHz to 8 GHz

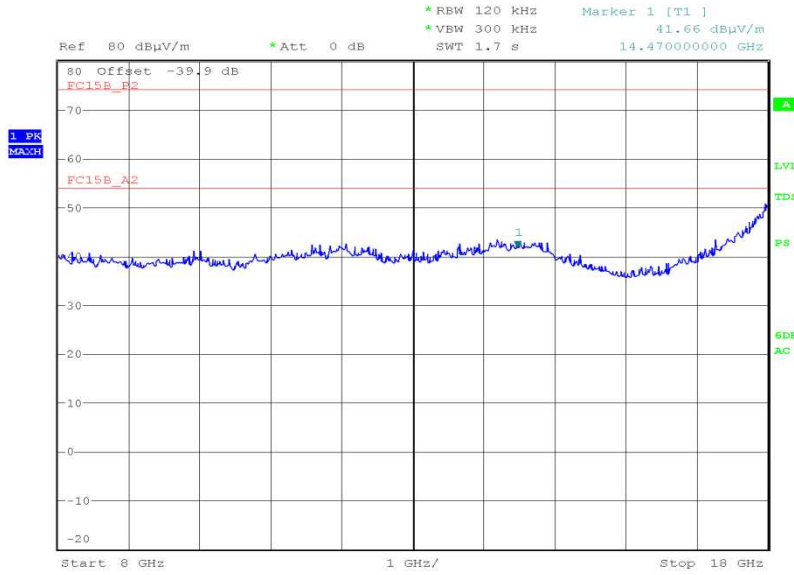


Date: 14.MAR.2012 20:25:05



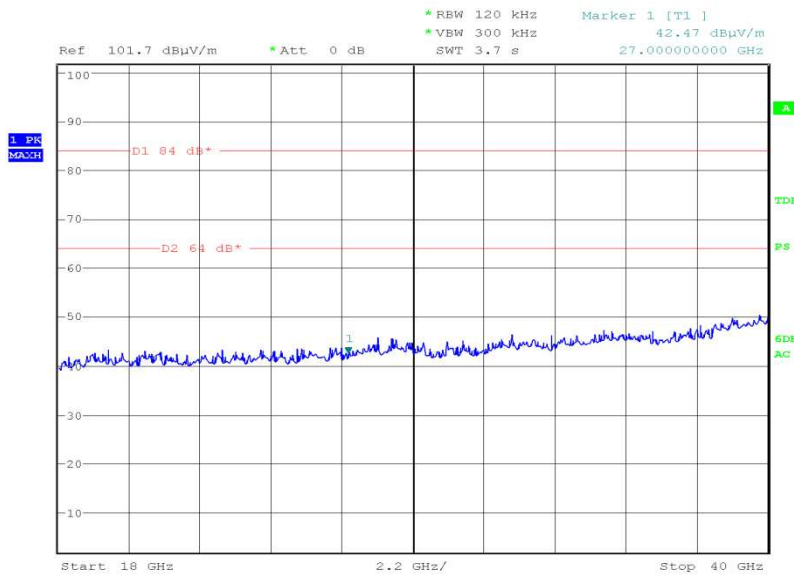
Product Service

8 GHz to 18 GHz



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

18 GHz to 40 GHz



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

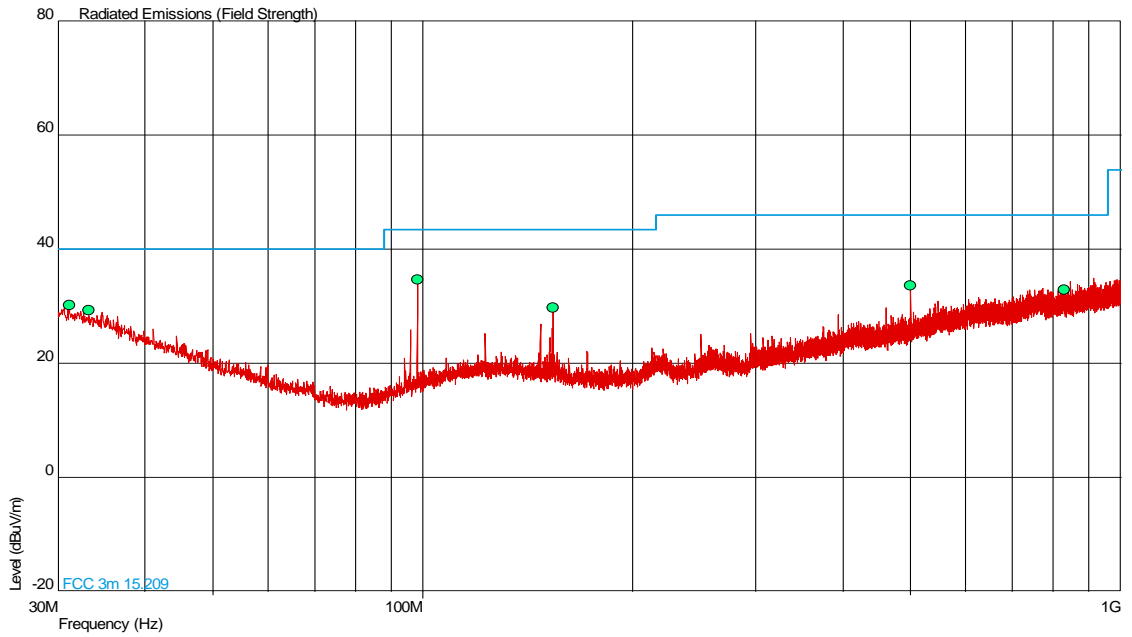


Product Service

Frequency Band 4

5745 MHz

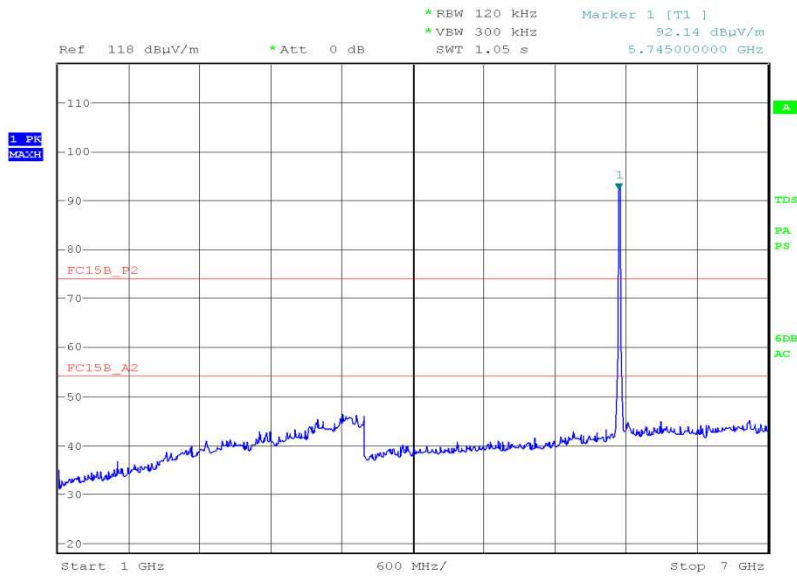
30 MHz to 1 GHz



Frequency (MHz)	QP Level (dB μ V/m)	QP Level (μ V/m)	QP Limit (dB μ V/m)	QP Limit (μ V/m)	QP Margin (dB μ V/m)	QP Margin (μ V/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

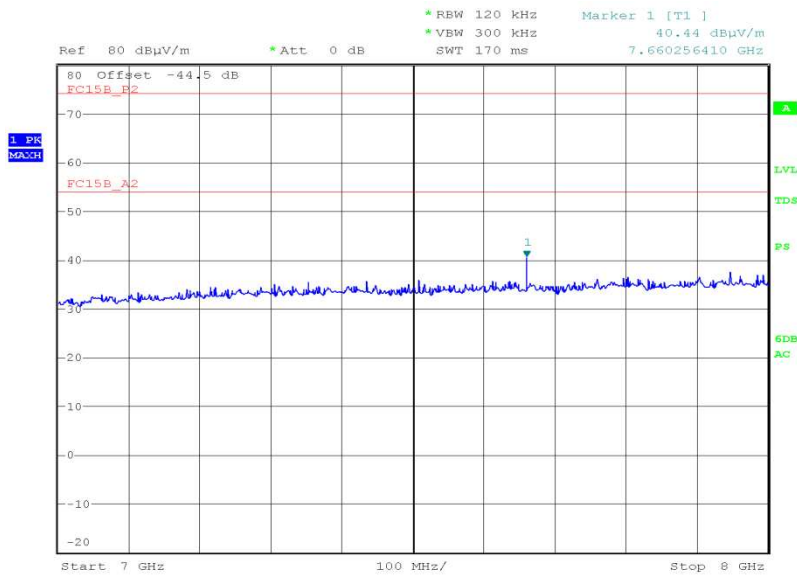


1 GHz to 7 GHz



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

7 GHz to 8 GHz

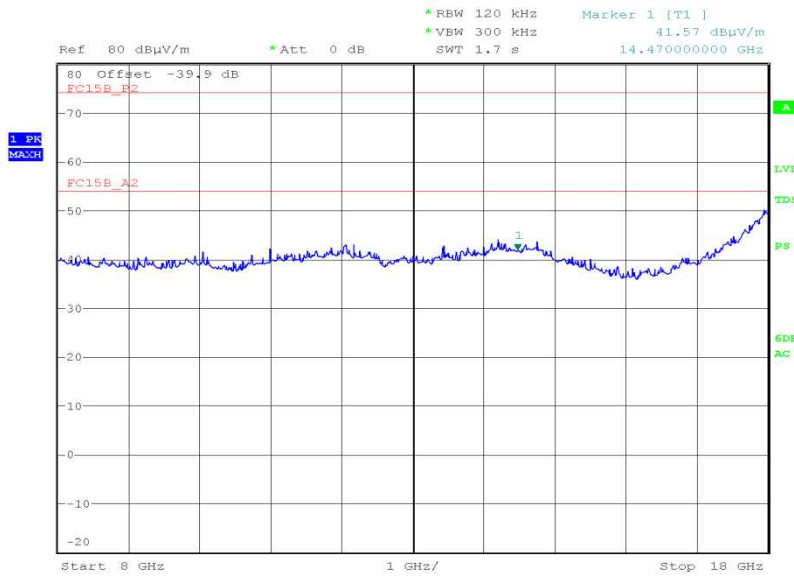


Date: 14.MAR.2012 20:34:30



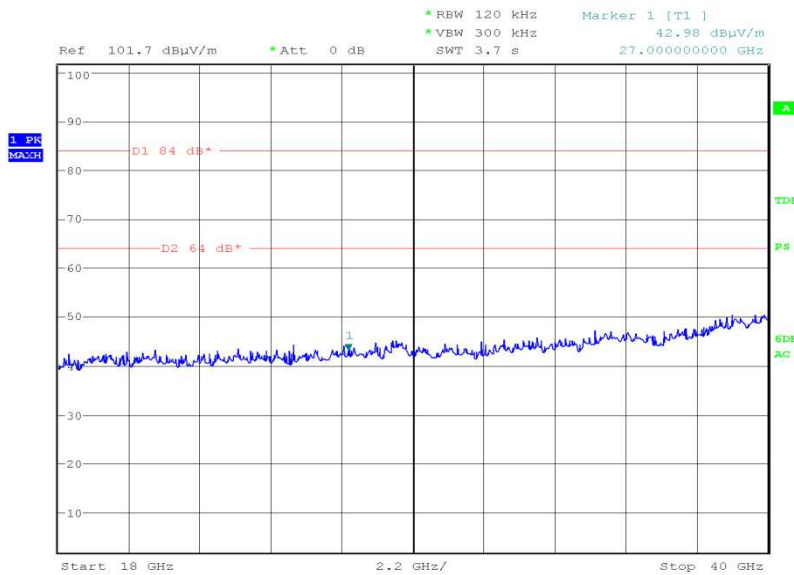
Product Service

8 GHz to 18 GHz



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

18 GHz to 40 GHz

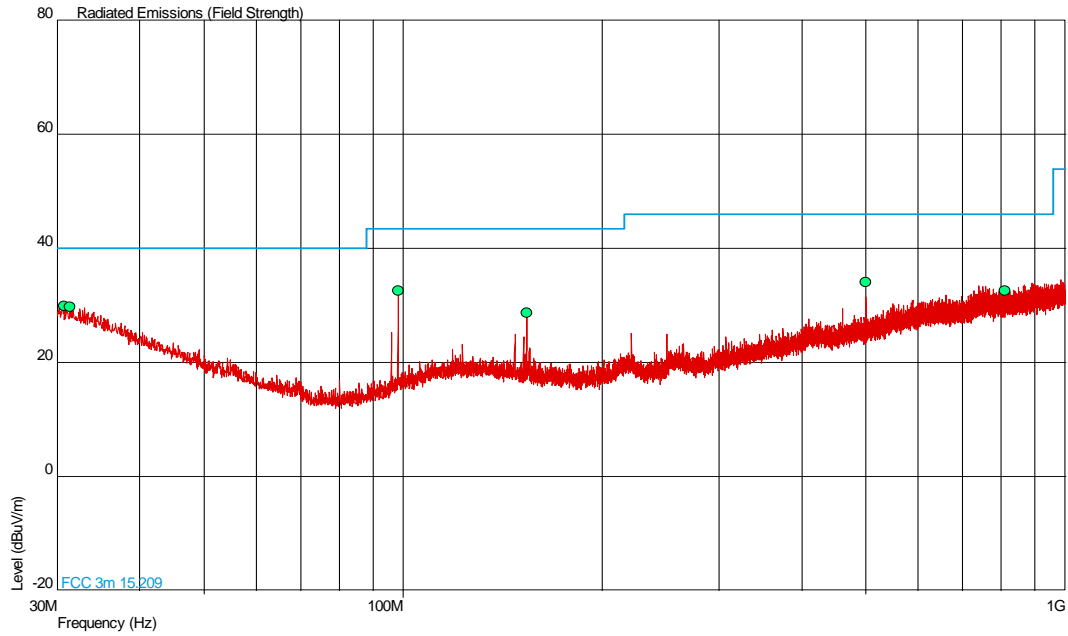


Date: 3.APR.2012 22:56:34



5785 MHz

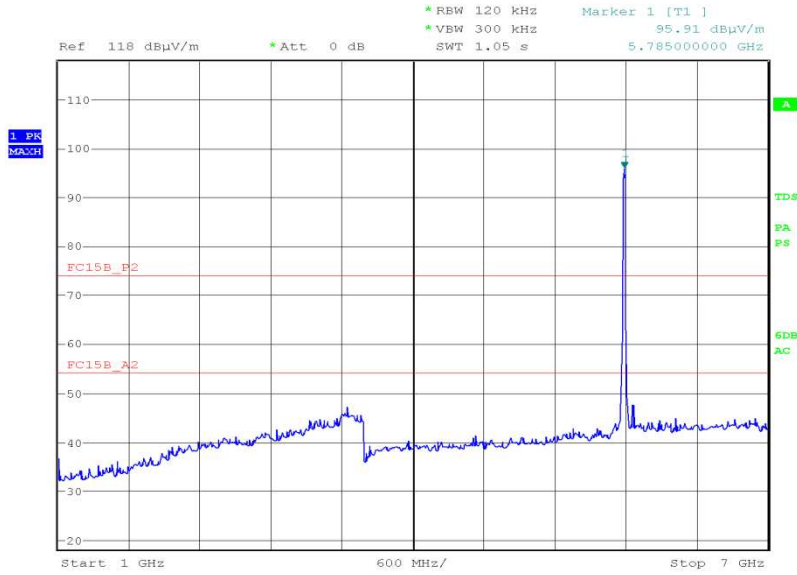
30 MHz to 1 GHz



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

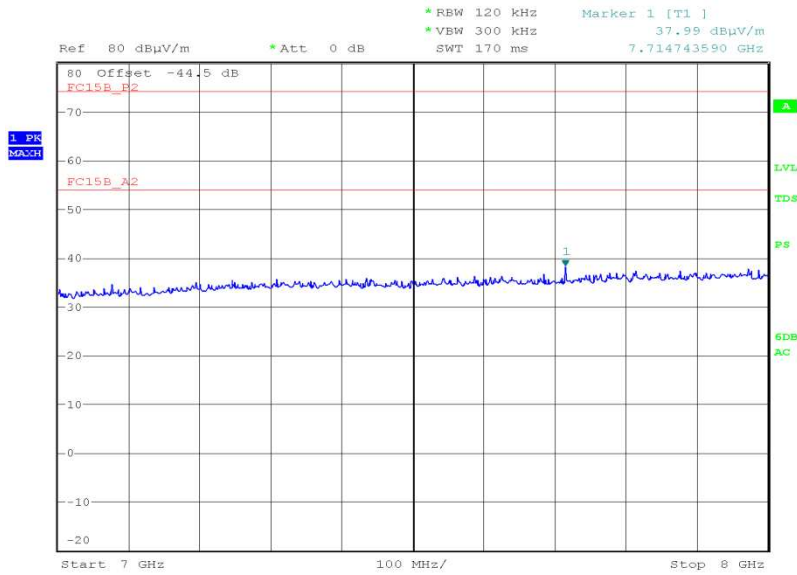


1 GHz to 7 GHz



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

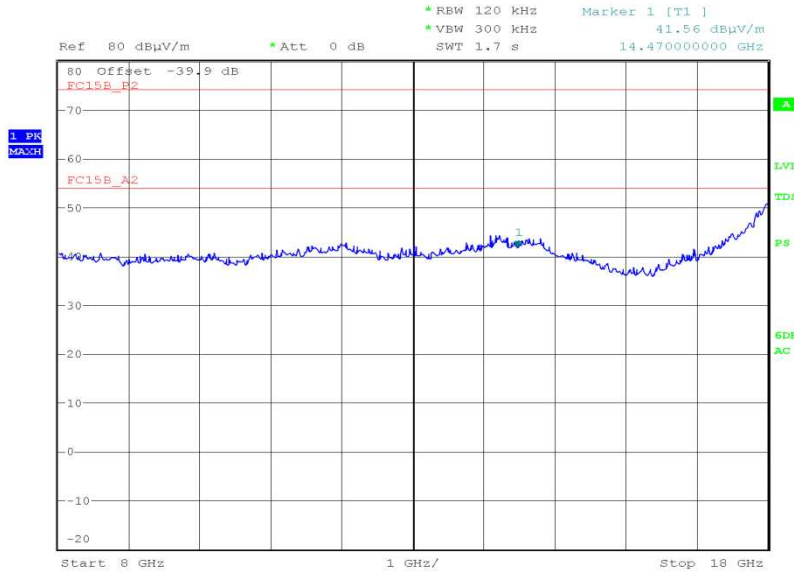
7 GHz to 8 GHz



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

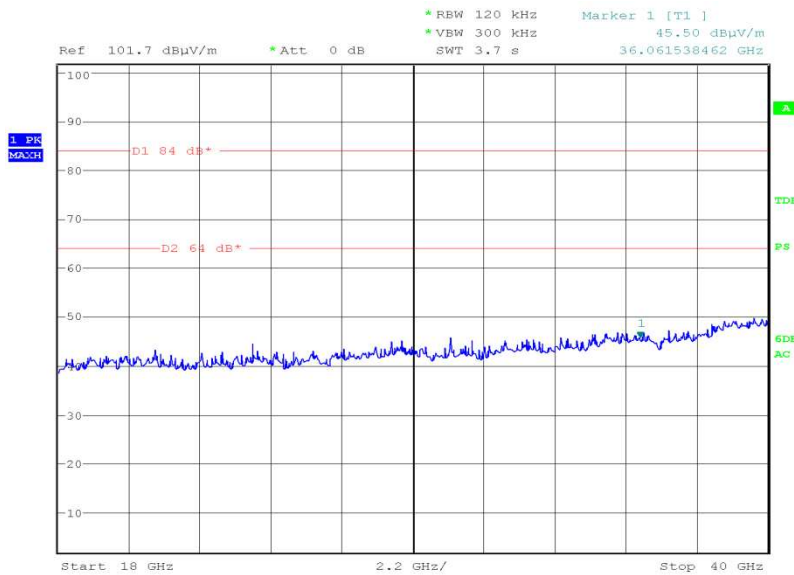


8 GHz to 18 GHz



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

18 GHz to 40 GHz



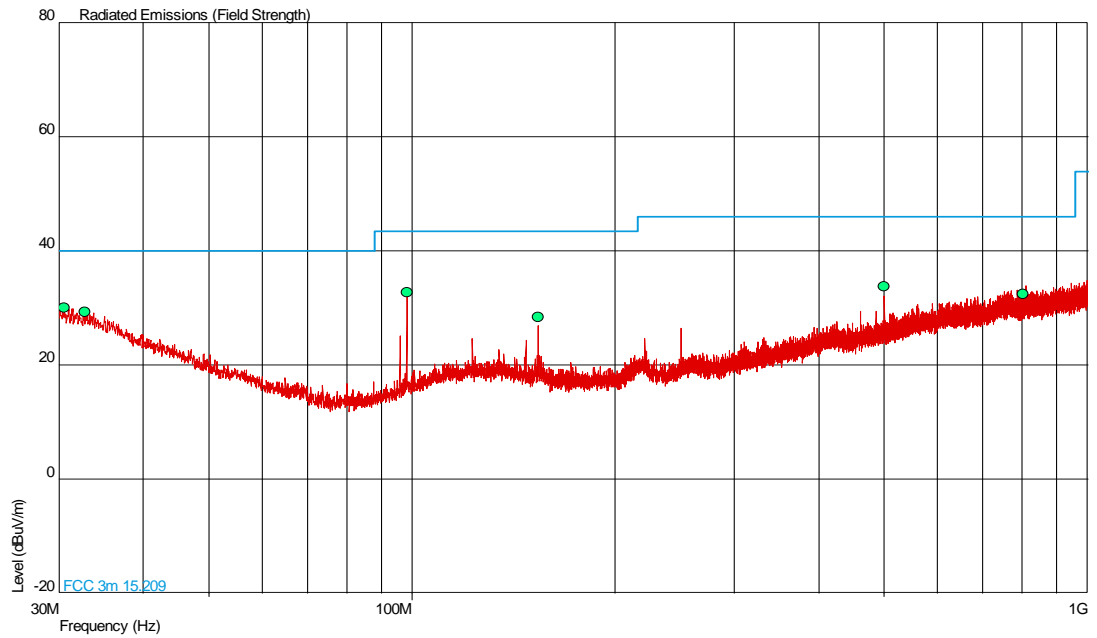
Date: 3.APR.2012 23:05:09



Product Service

5805 MHz

30 MHz to 1 GHz

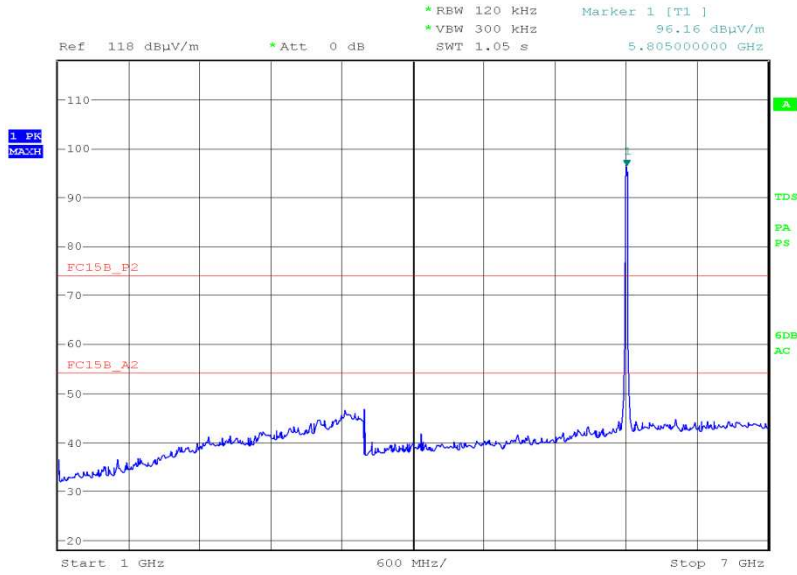


Frequency (MHz)	QP Level (dBµV/m)	QP Level (µV/m)	QP Limit (dBµV/m)	QP Limit (µV/m)	QP Margin (dBµV/m)	QP Margin (µV/m)	Angle (Deg)	Height(m)	Polarity
30.526	30.1	32.0	40.0	100	-9.9	68.0	95	1.00	Vertical
32.759	29.3	29.2	40.0	100	-10.7	70.8	165	1.00	Vertical
98.304	32.8	43.7	43.5	150	-10.7	106.3	360	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



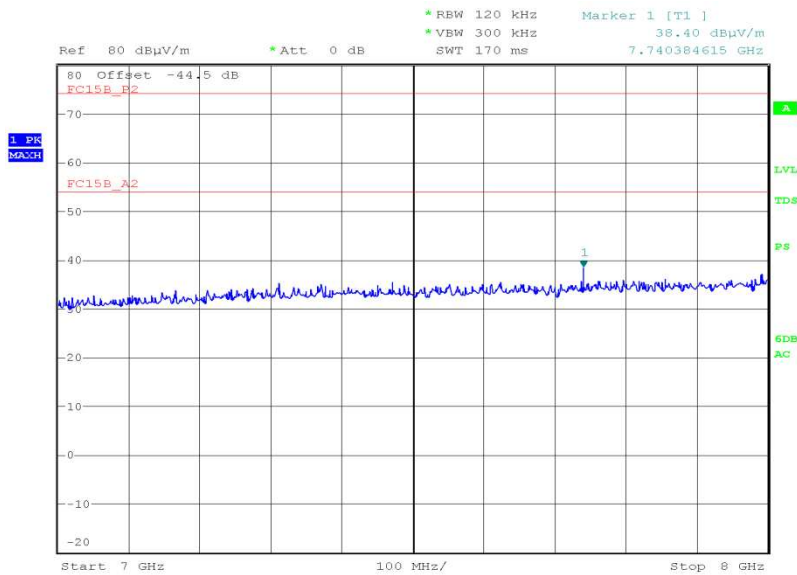
Product Service

1 GHz to 7 GHz



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

7 GHz to 8 GHz

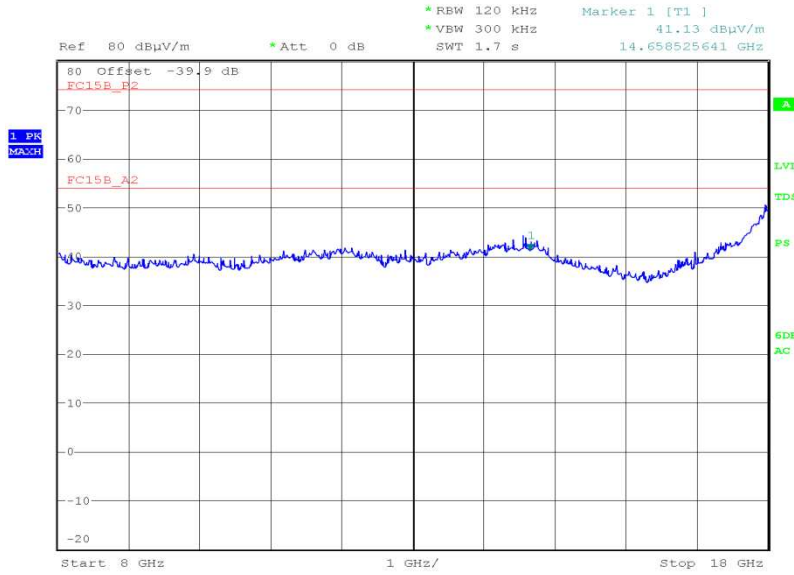


Date: 14.MAR.2012 21:08:22



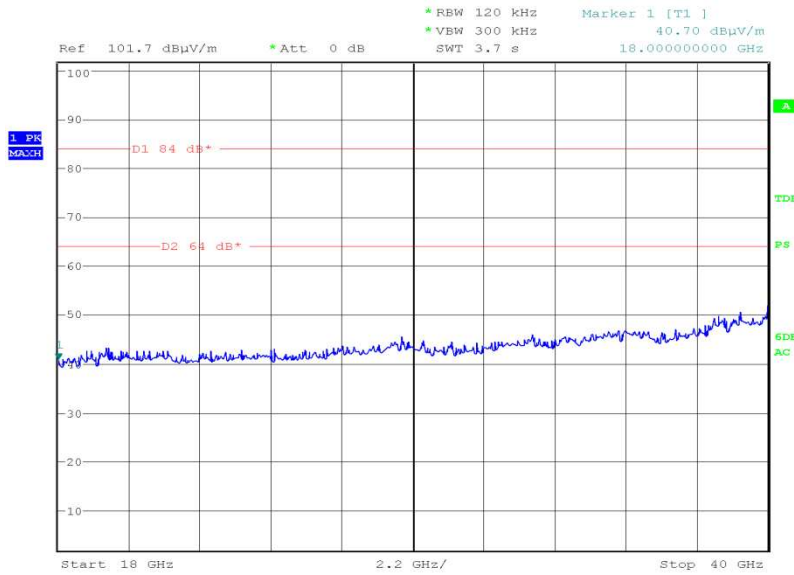
Product Service

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 (dBμV/m)	Average (dBμV/m)
74.0	54.0

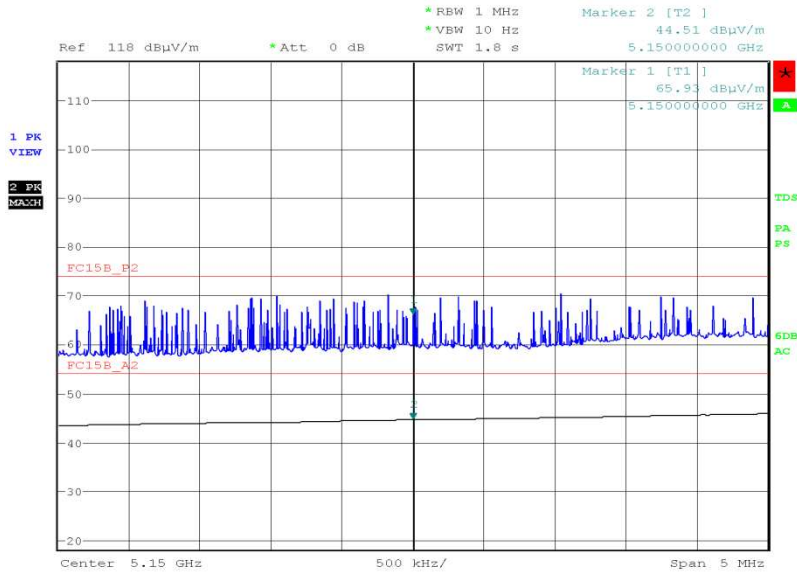


Product Service

Band Edge Emissions

5180 MHz

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

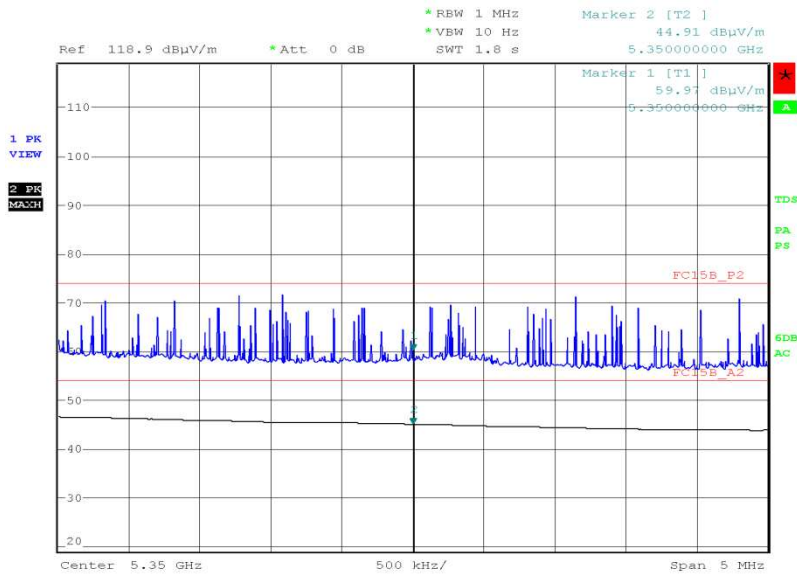


Date: 7.MAR.2012 17:58:11



5320 MHz

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

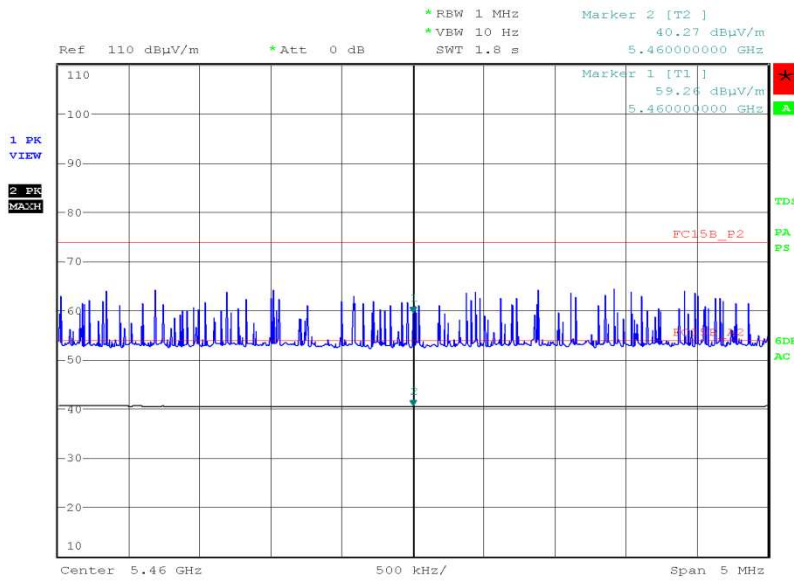


Date: 7.MAR.2012 18:26:39



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

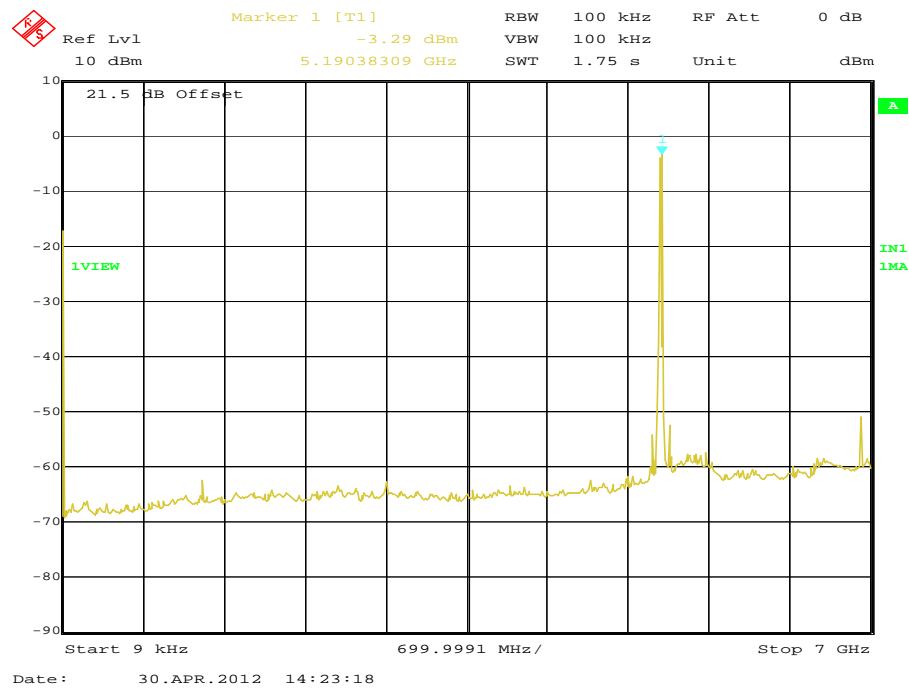
Spurious Conducted Emissions

Frequency Band 1

21.70 Mbps

5180 MHz

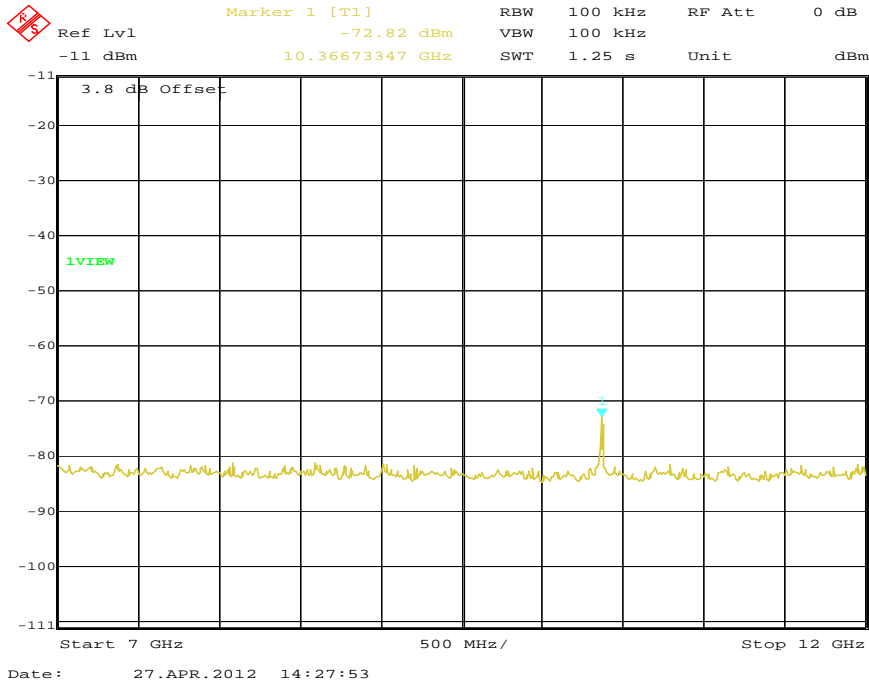
9 kHz to 7 GHz



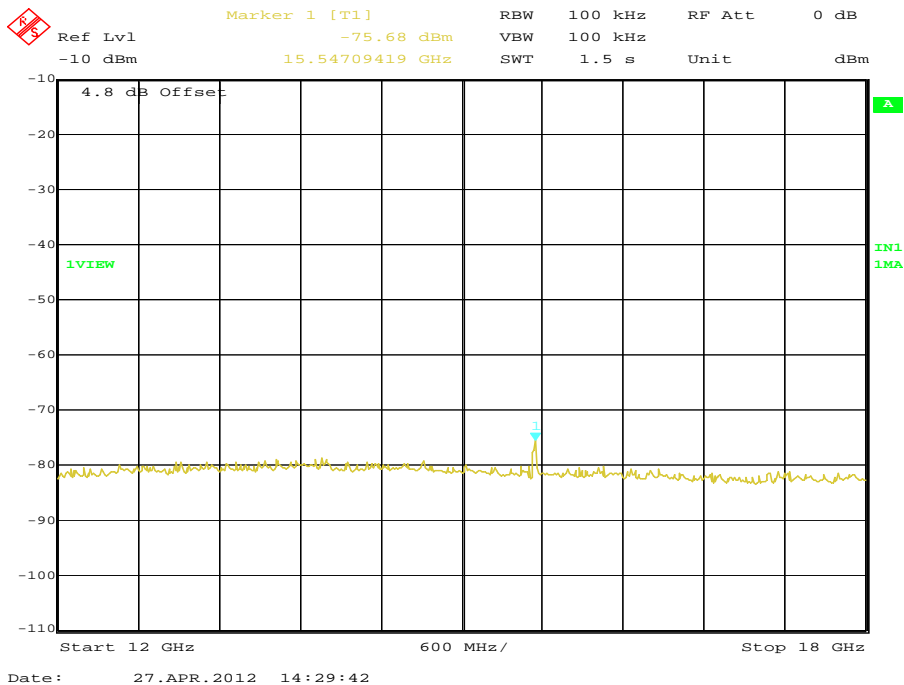


Product Service

7 GHz to 12 GHz



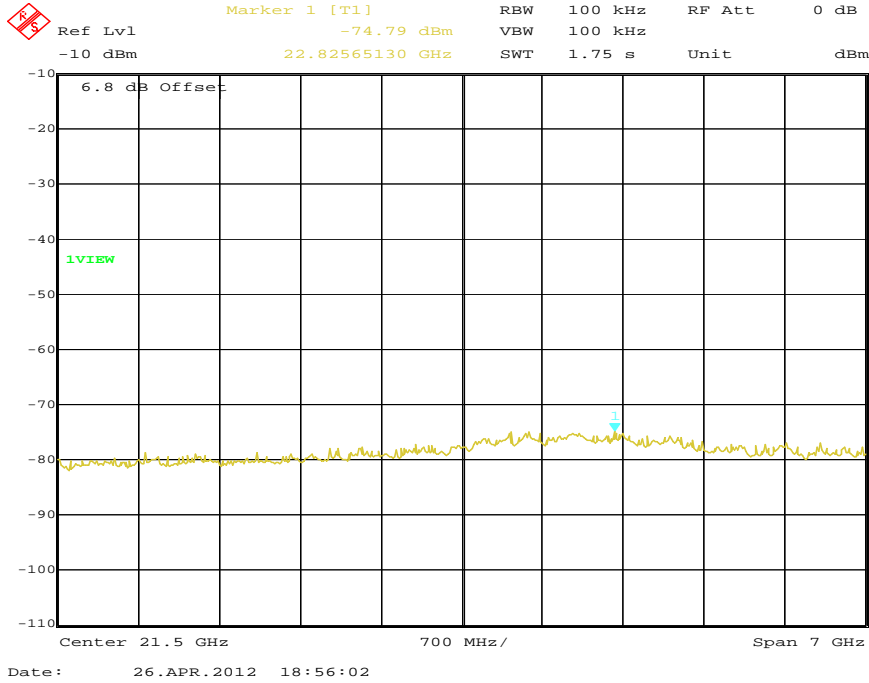
12 GHz to 18 GHz



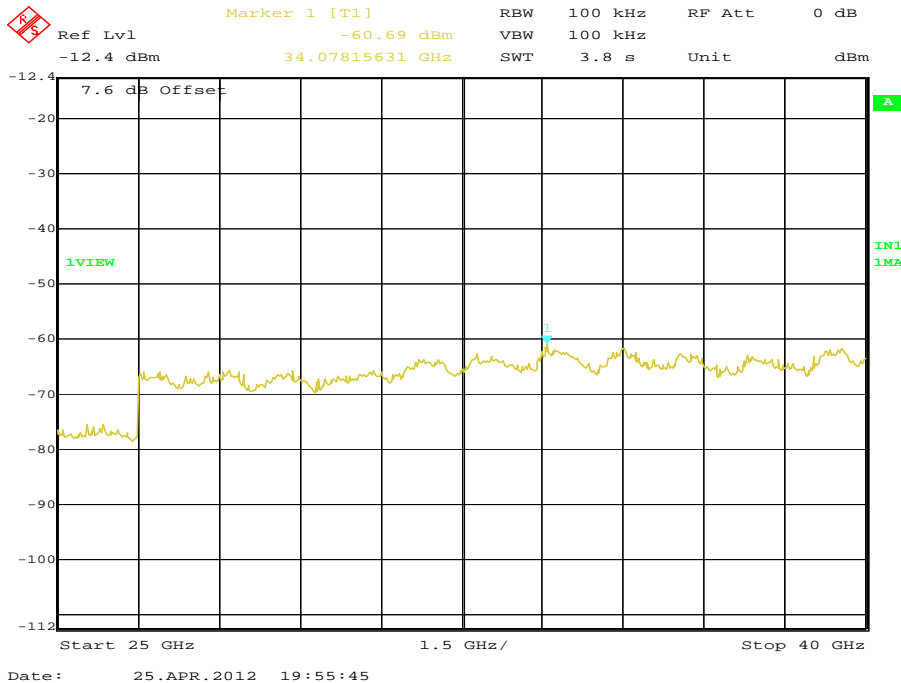


Product Service

18 GHz to 25 GHz



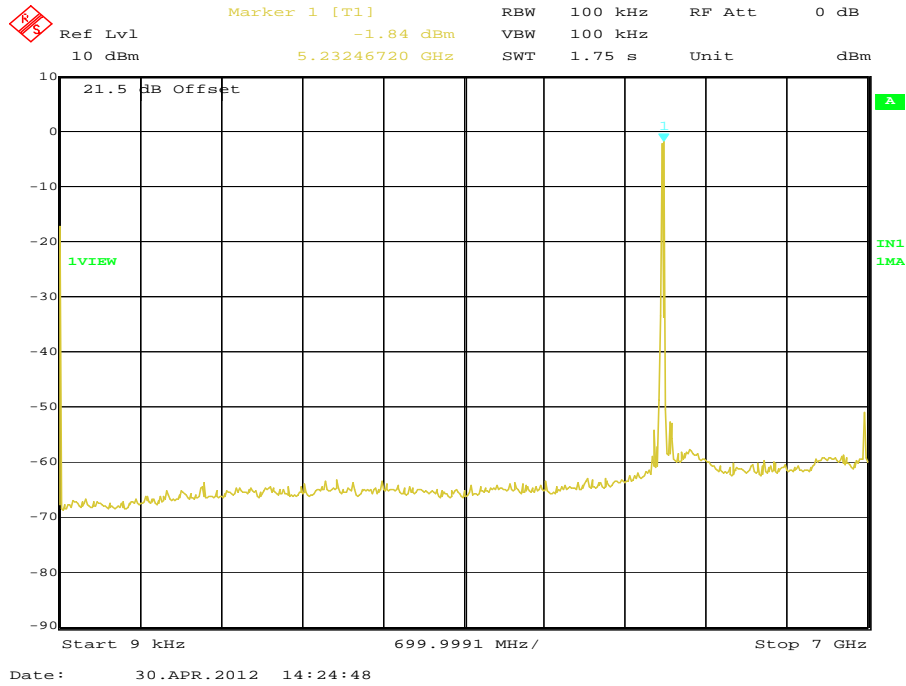
25 GHz to 40 GHz



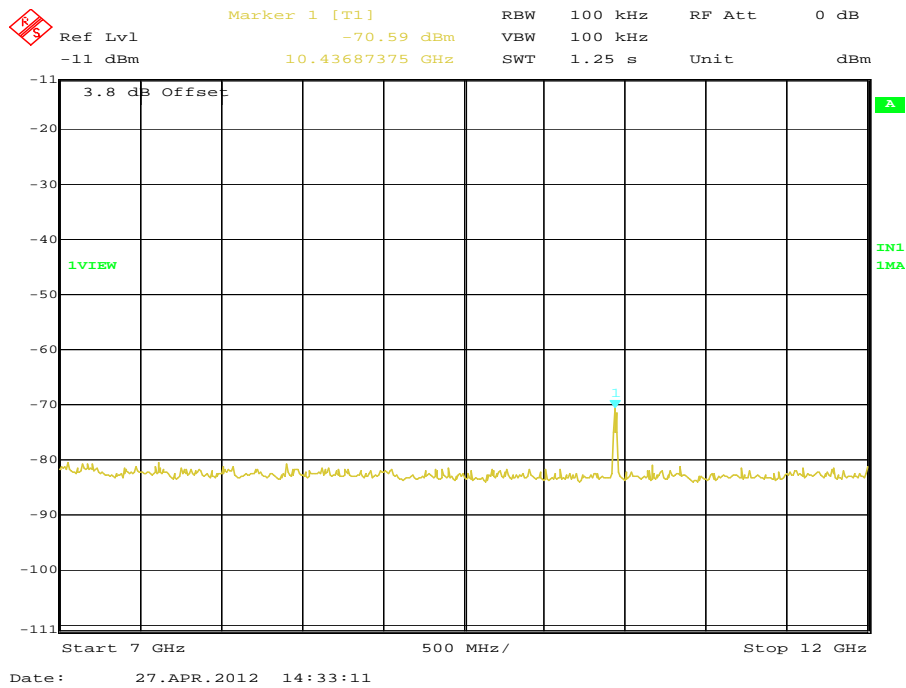


5220 MHz

9 kHz to 7 GHz



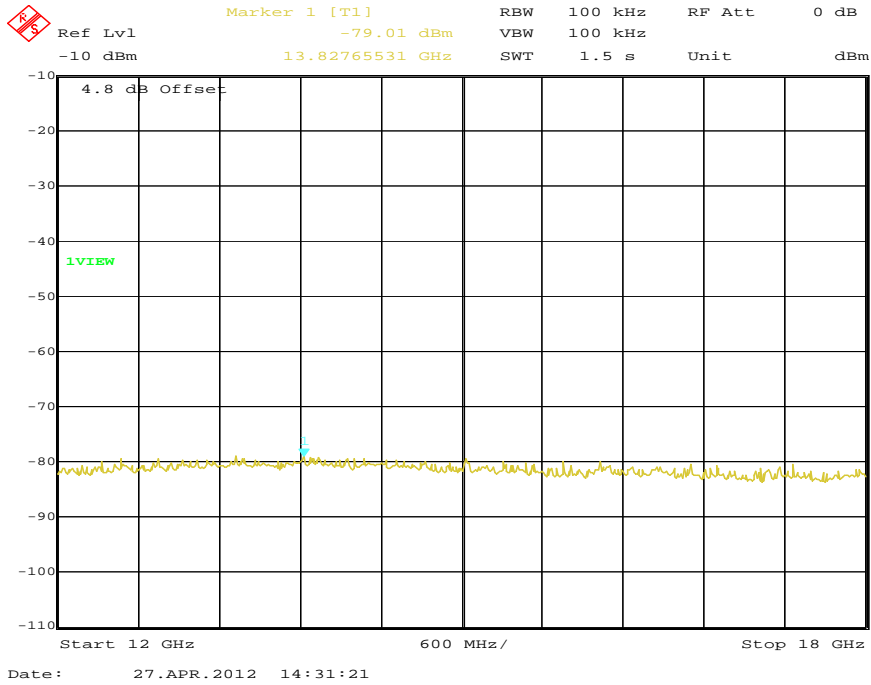
7 GHz to 12 GHz



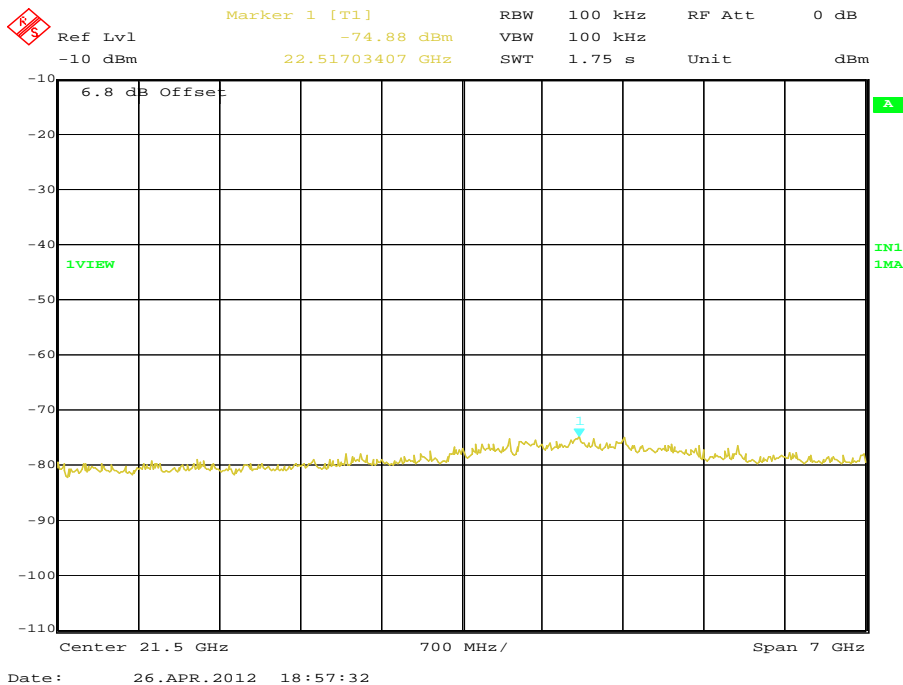


Product Service

12 GHz to 18 GHz



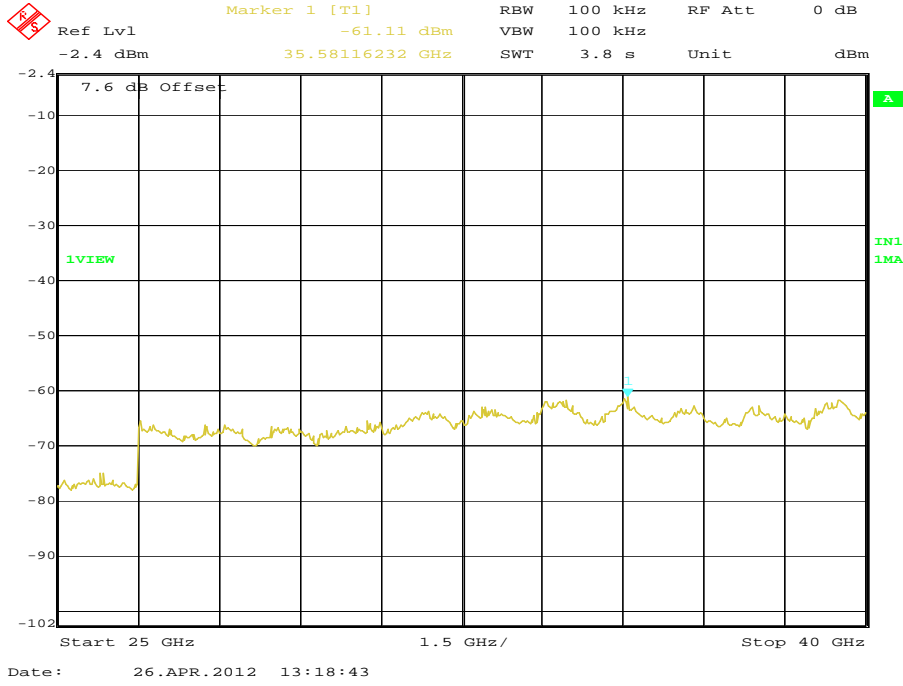
18 GHz to 25 GHz





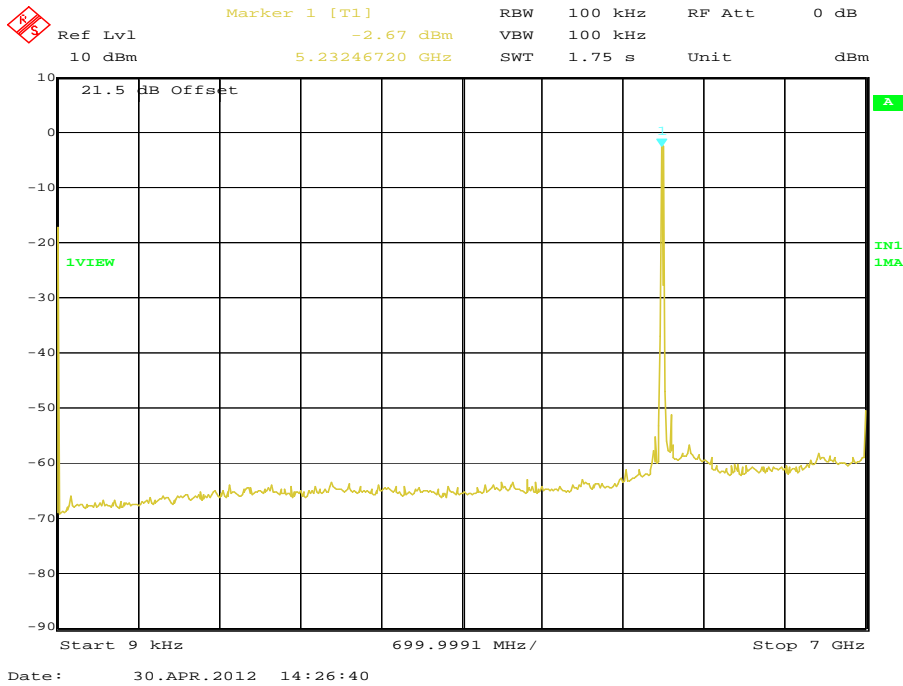
Product Service

25 GHz to 40 GHz



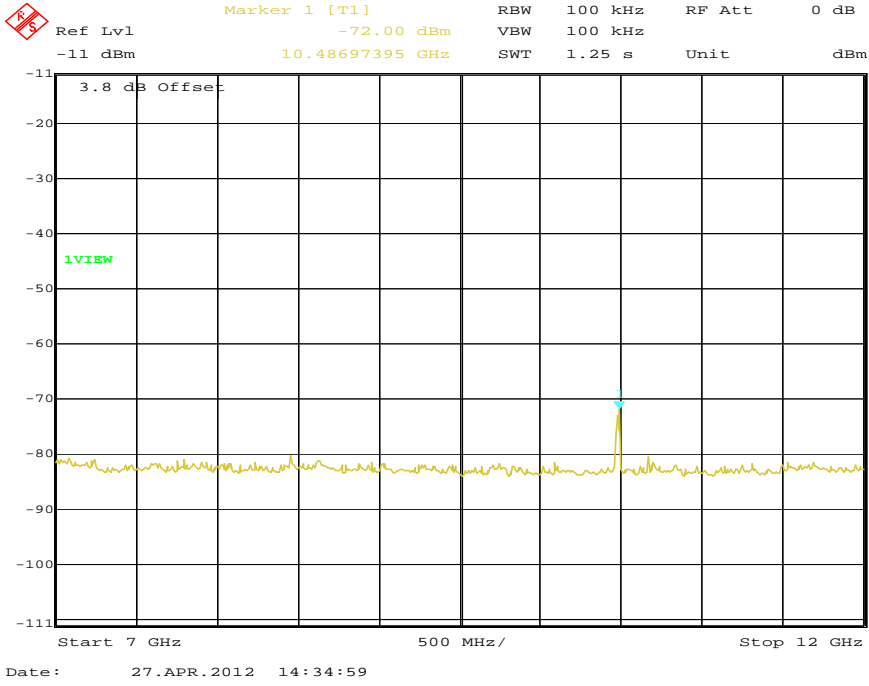
5240 MHz

9 kHz to 7 GHz

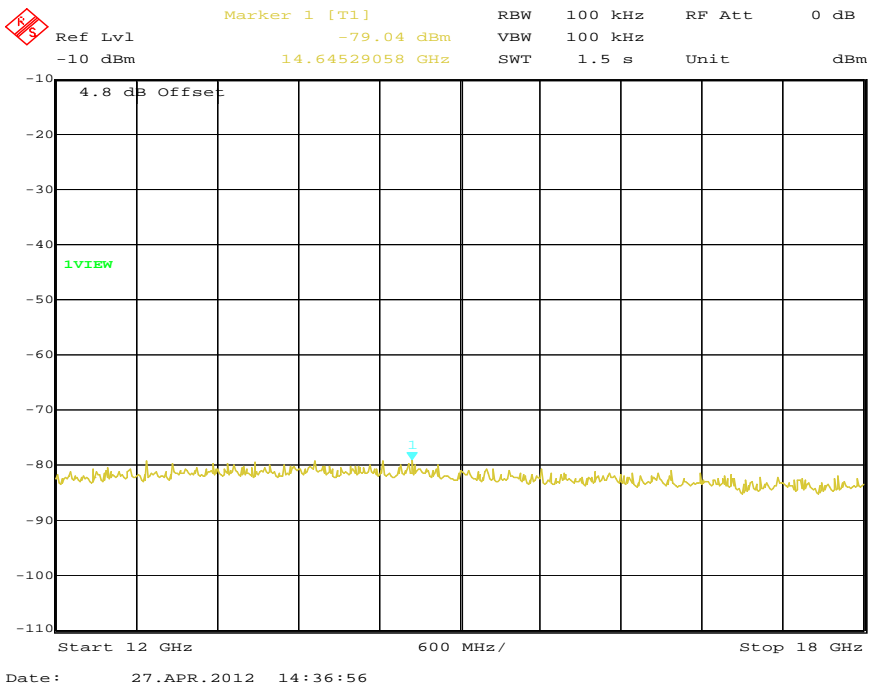




7 GHz to 12 GHz



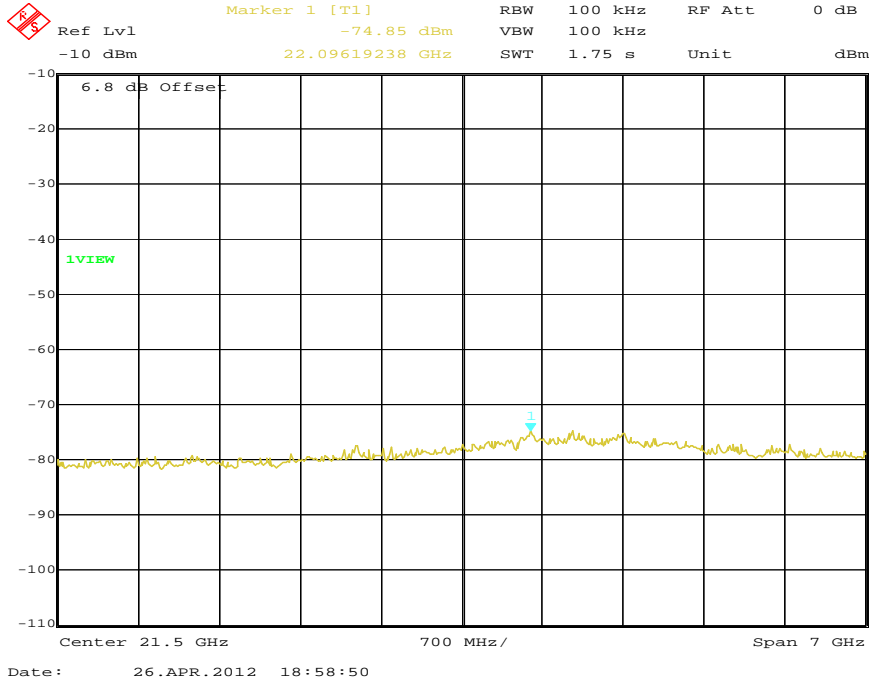
12 GHz to 18 GHz



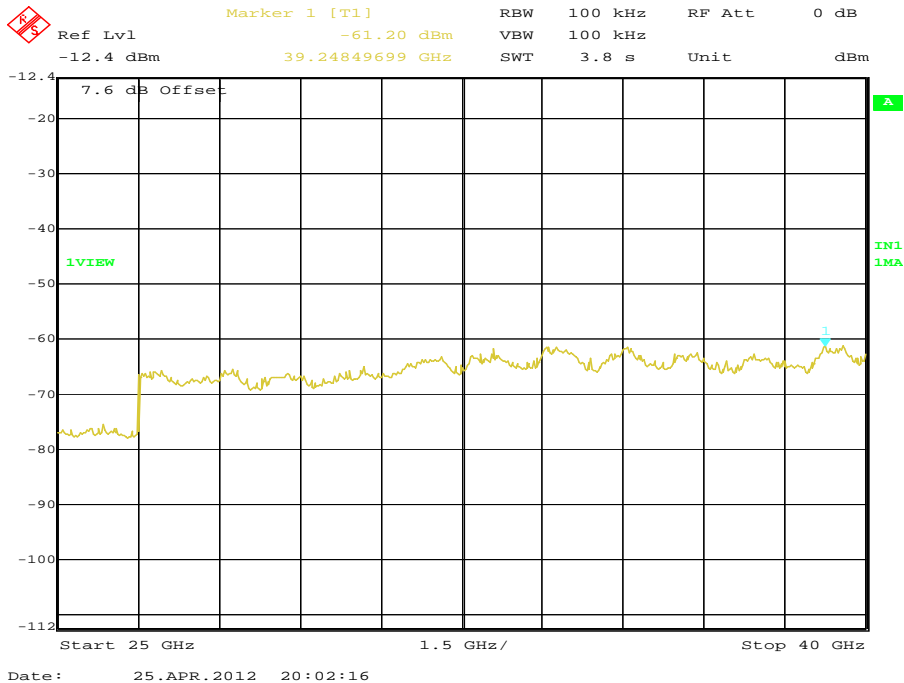


Product Service

18 GHz to 25 GHz



25 GHz to 40 GHz

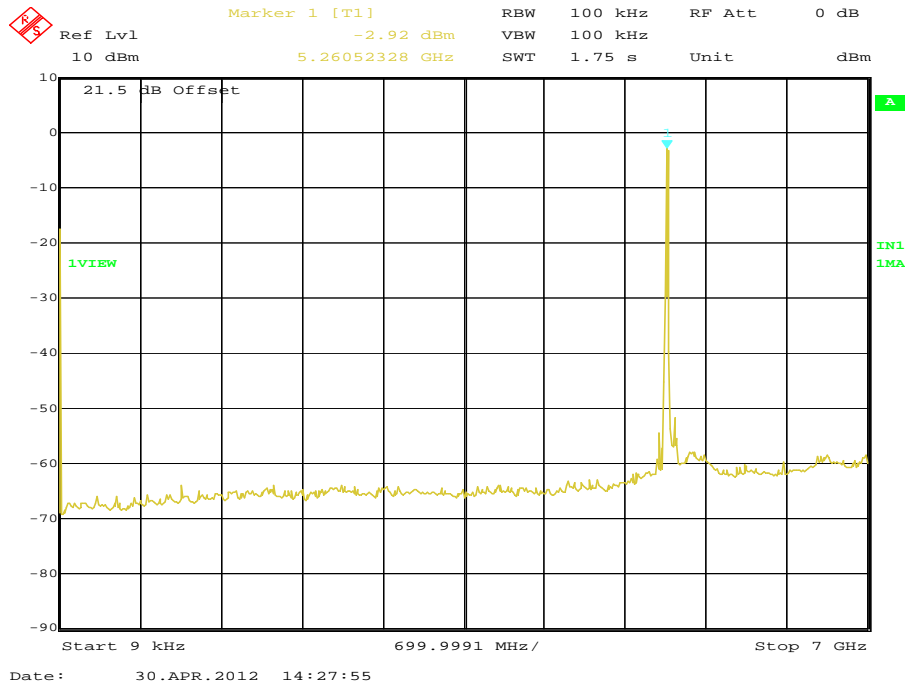




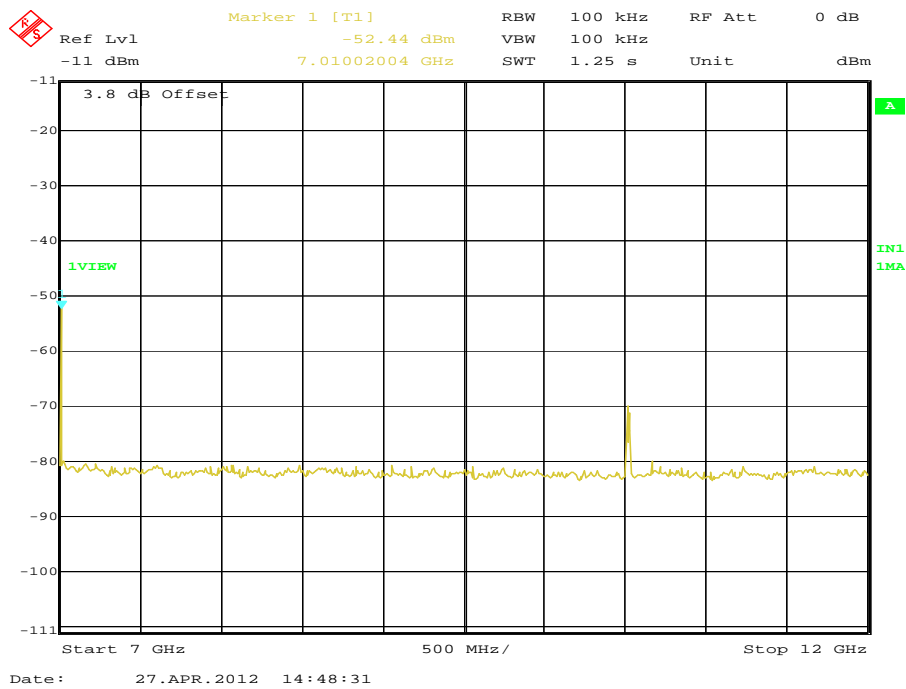
Frequency Band 2

5260 MHz

9 kHz to 7 GHz



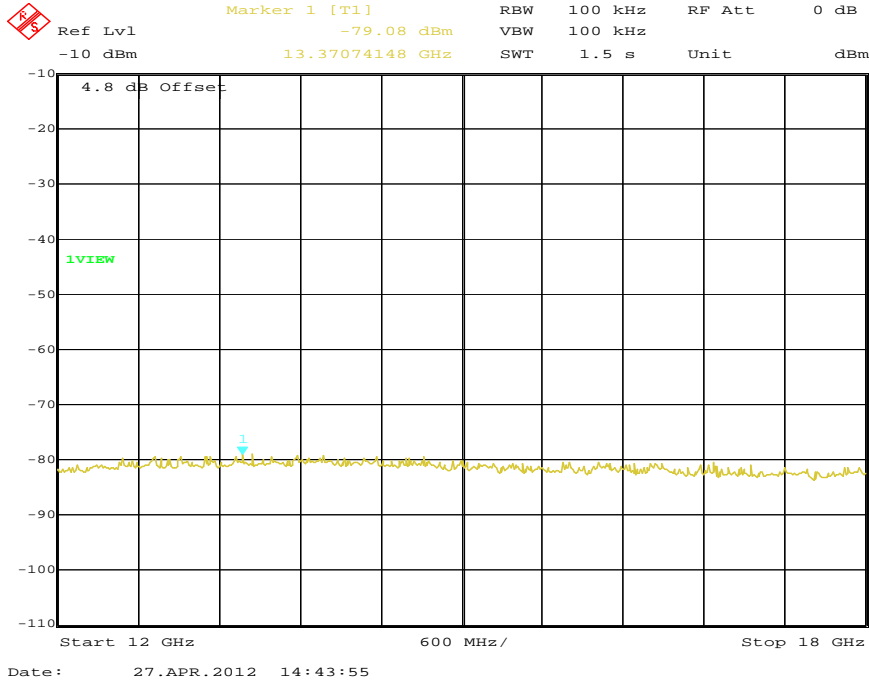
7 GHz to 12 GHz



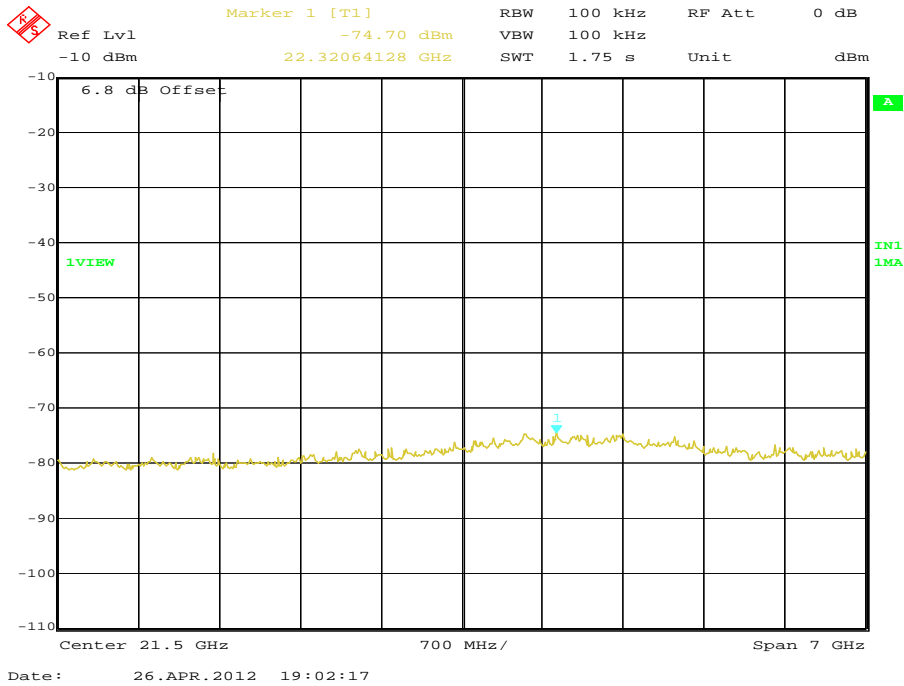


Product Service

12 GHz to 18 GHz



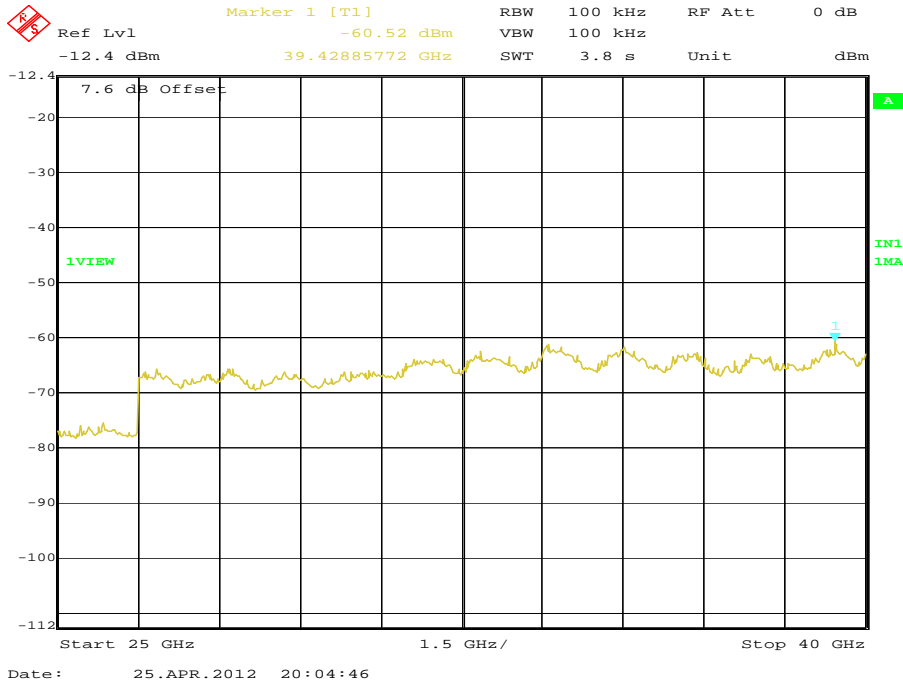
18 GHz to 25 GHz





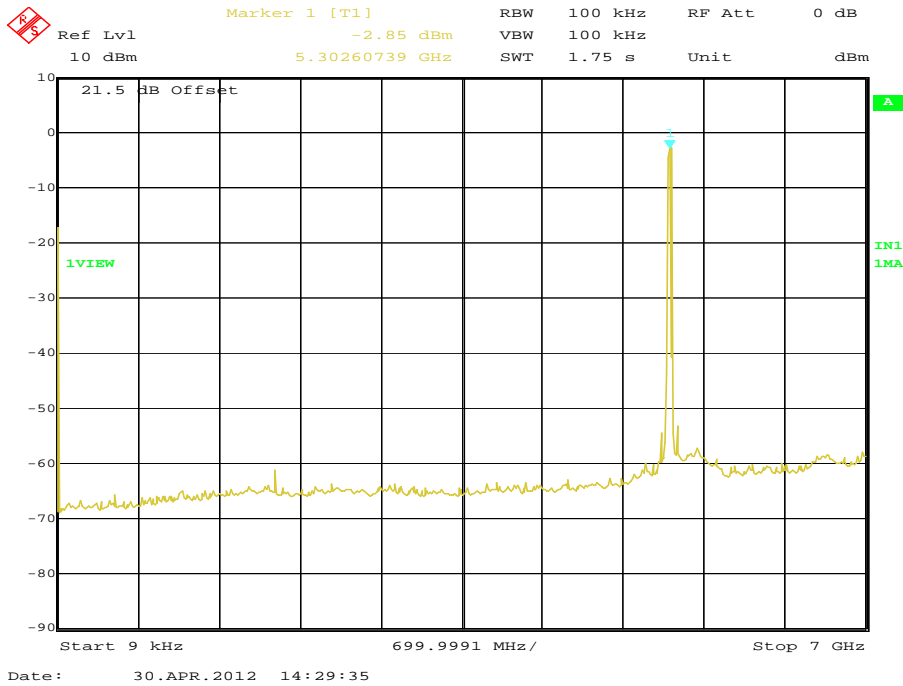
Product Service

25 GHz to 40 GHz



5300 MHz

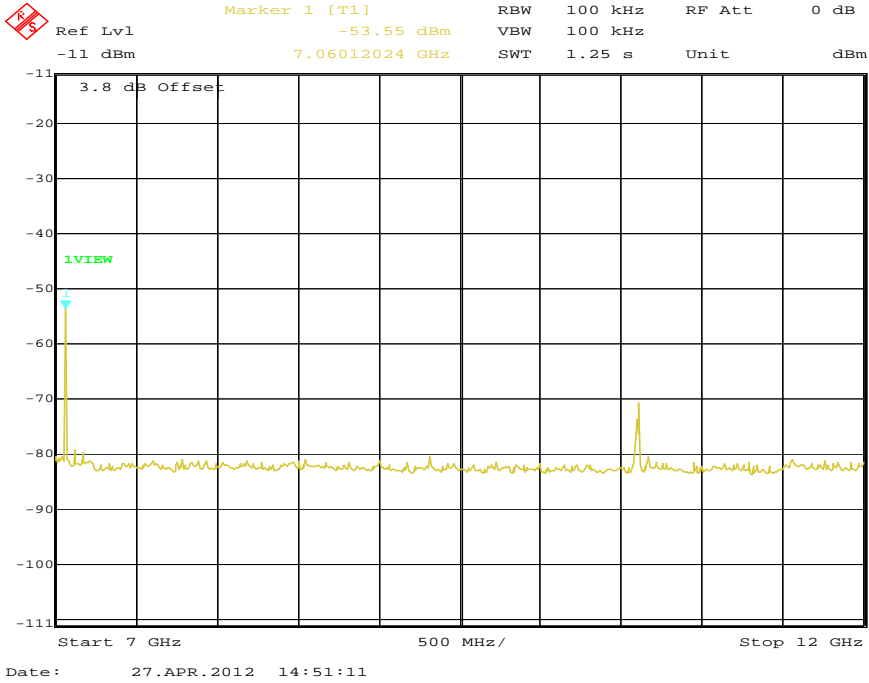
9 kHz to 7 GHz



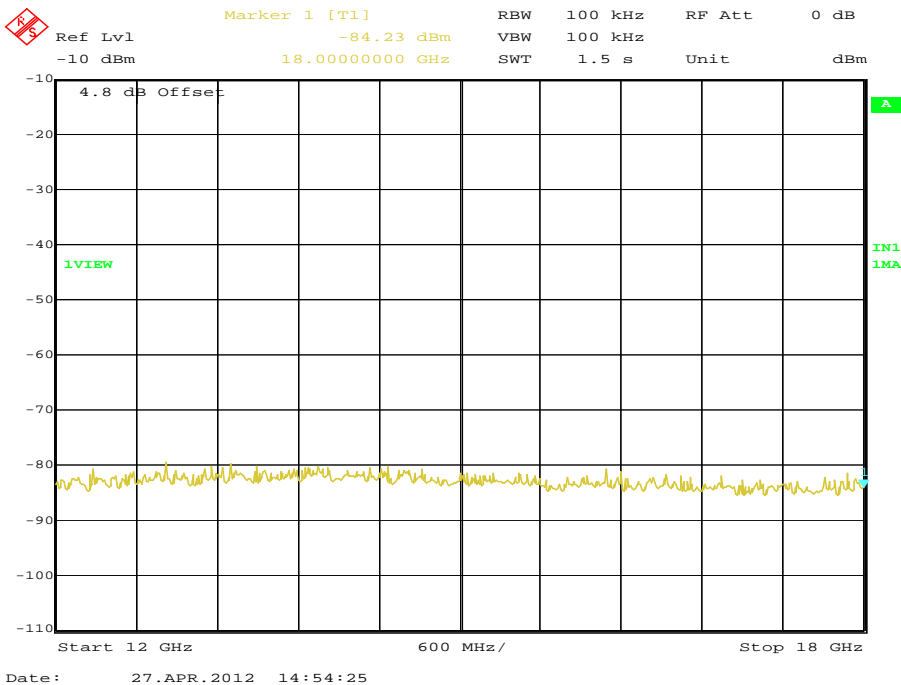


Product Service

7 GHz to 12 GHz

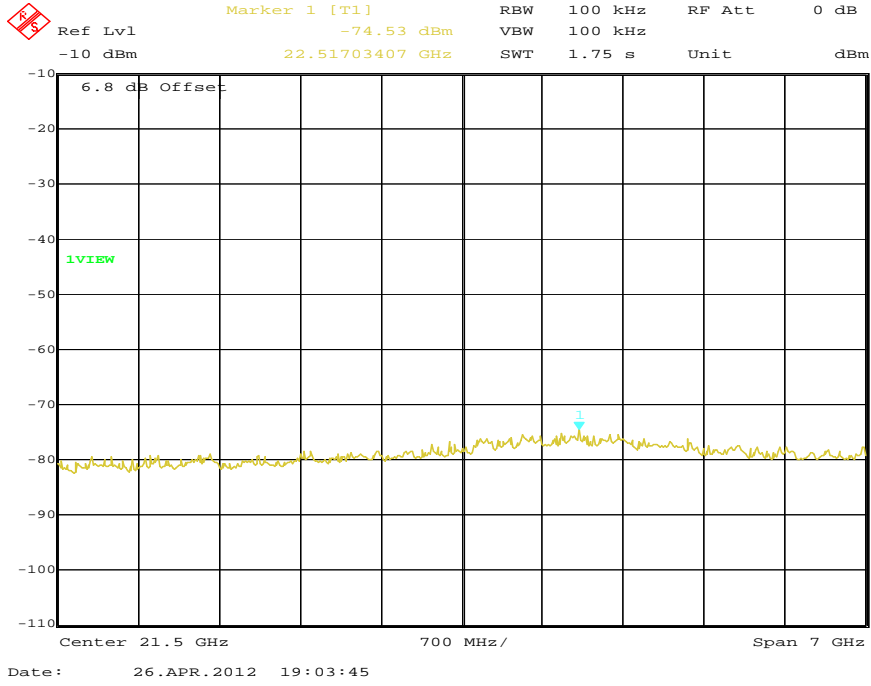


12 GHz to 18 GHz

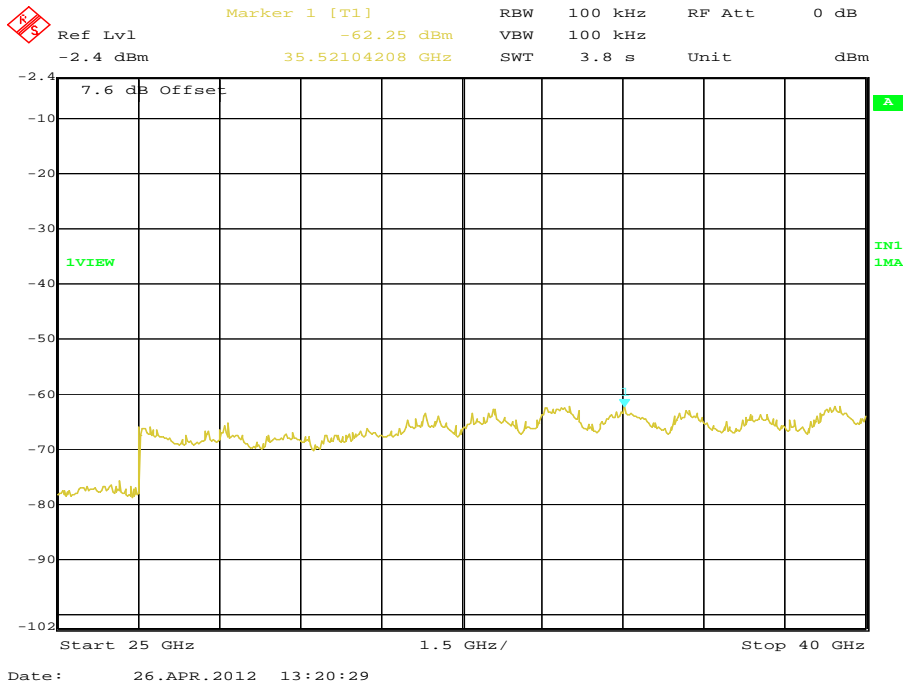




18 GHz to 25 GHz



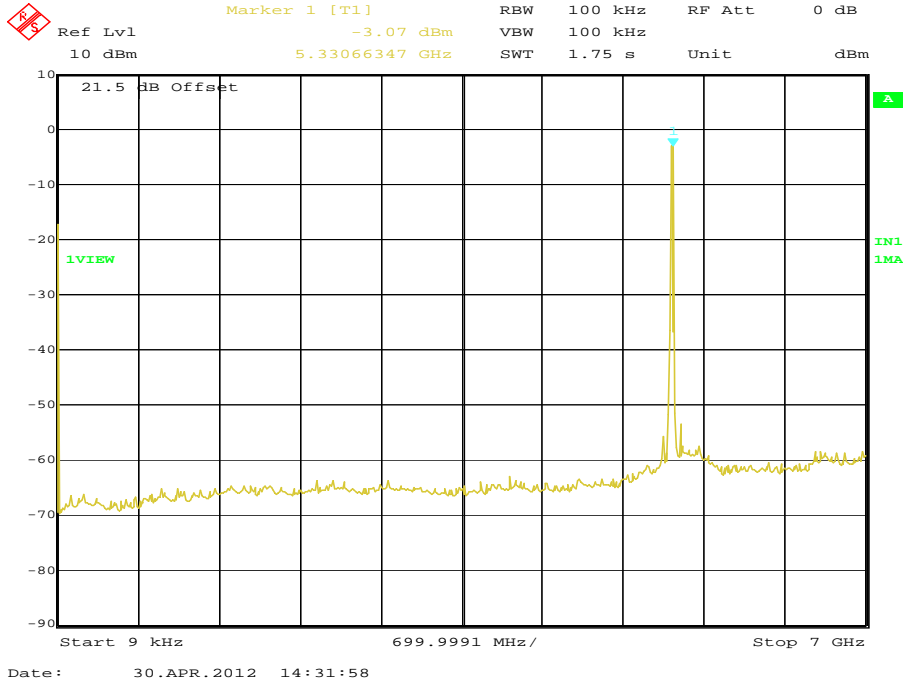
25 GHz to 40 GHz



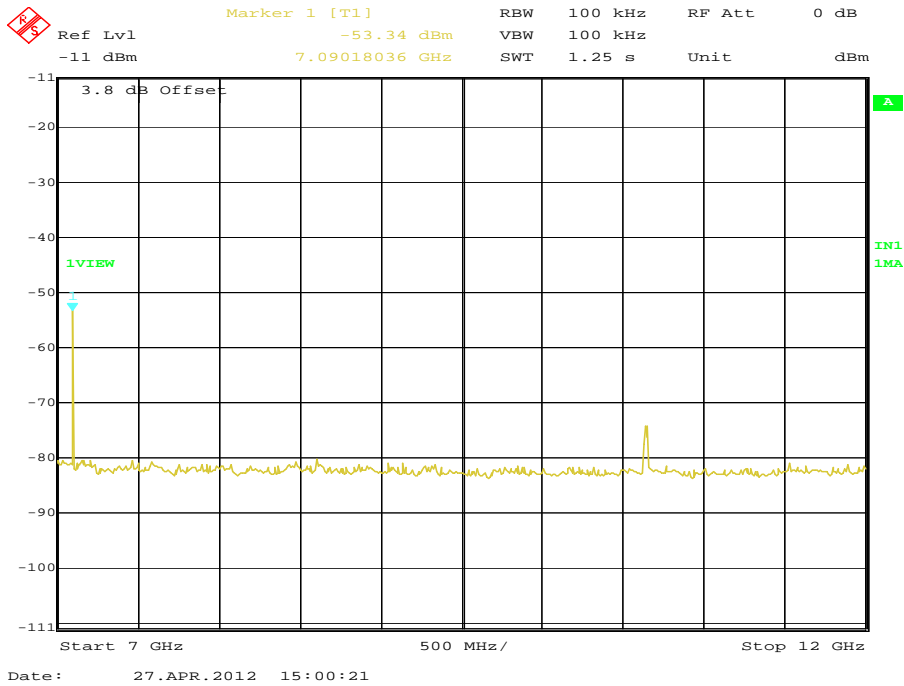


5320 MHz

9 kHz to 7 GHz



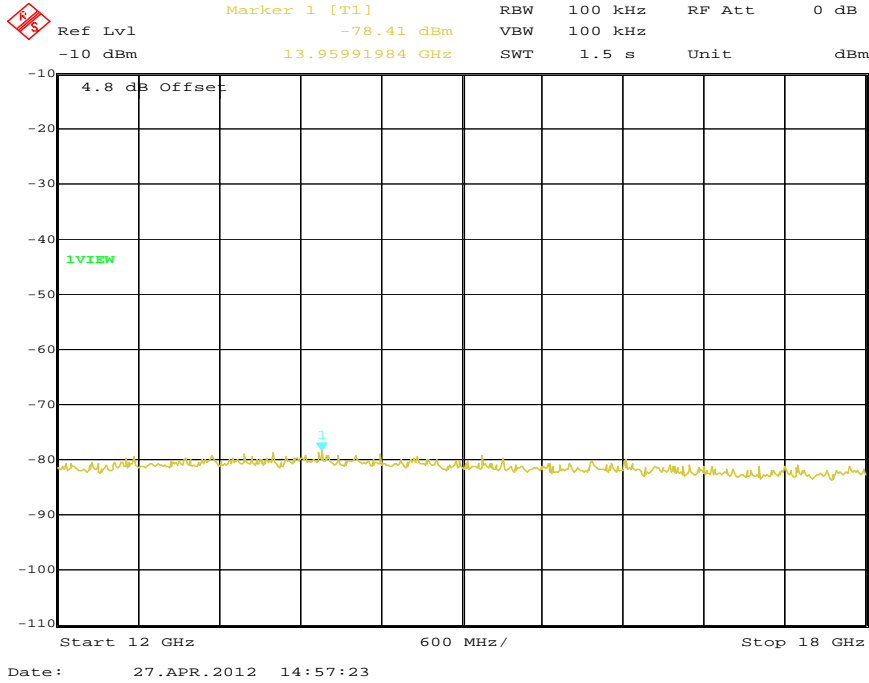
7 GHz to 12 GHz



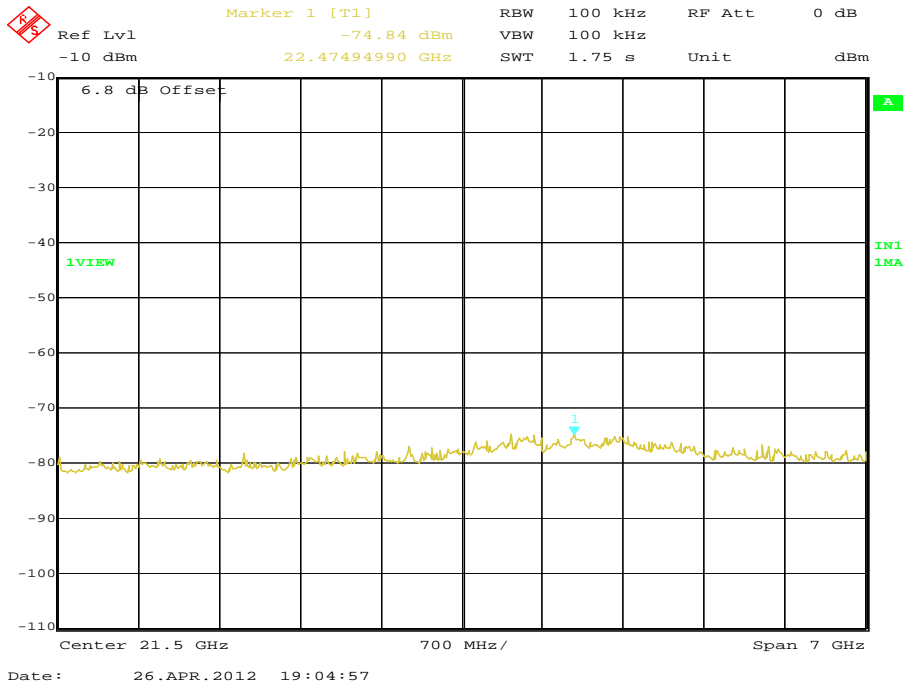


Product Service

12 GHz to 18 GHz



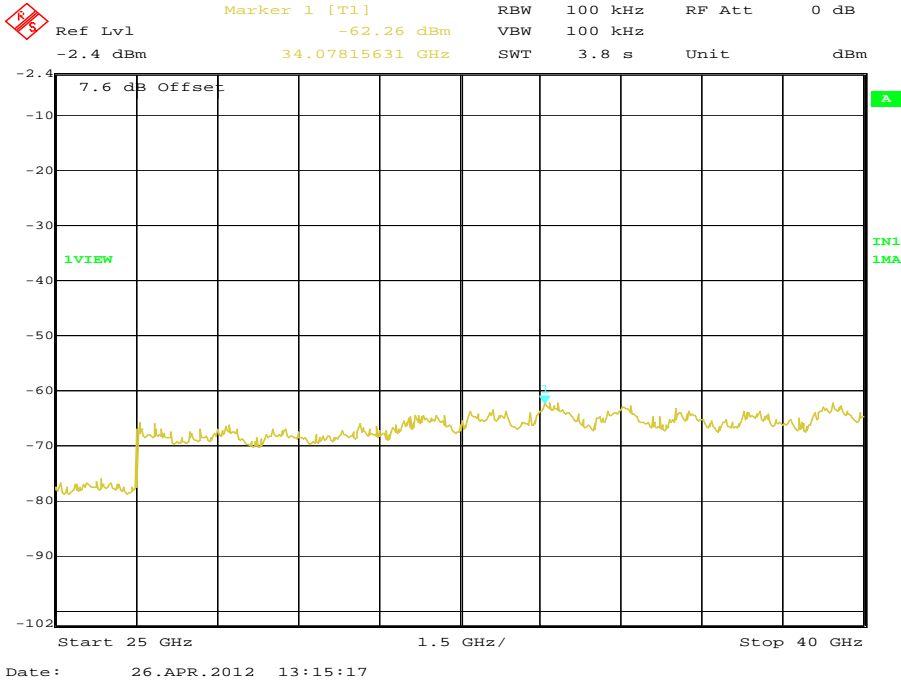
18 GHz to 25 GHz





Product Service

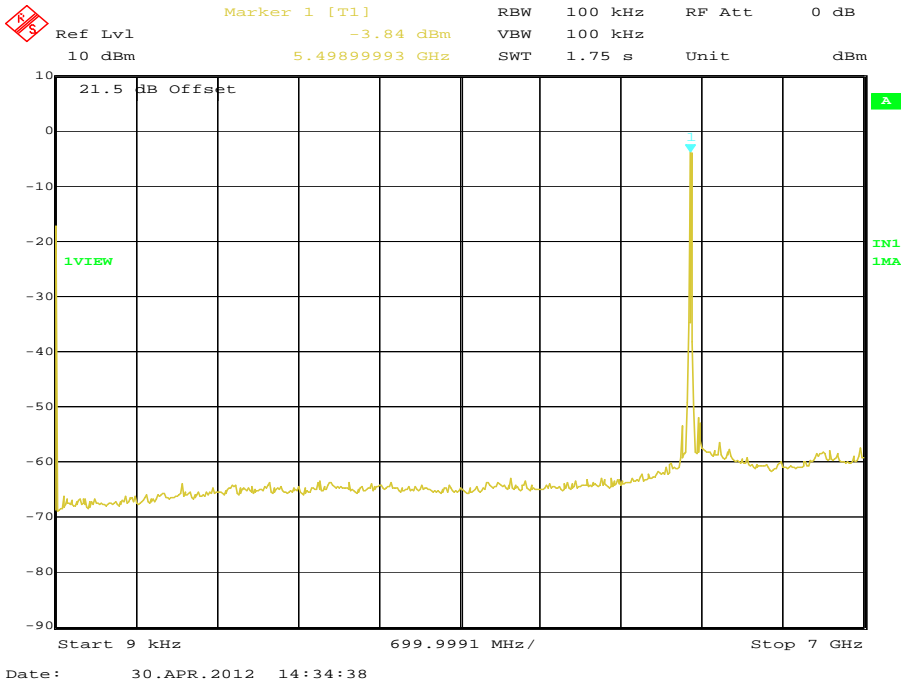
25 GHz to 40 GHz



Frequency Band 3

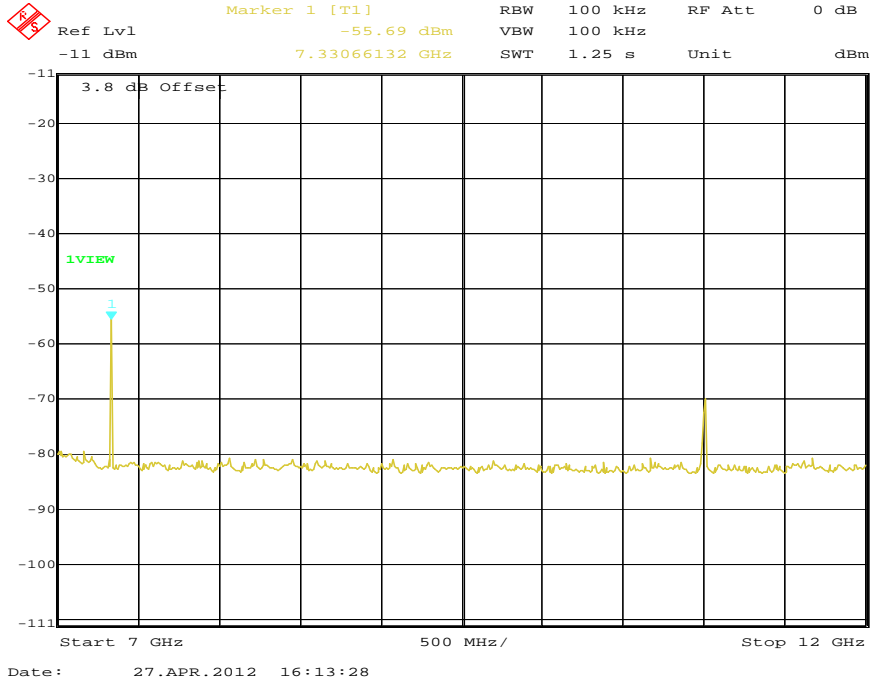
5500 MHz

9 kHz to 7 GHz

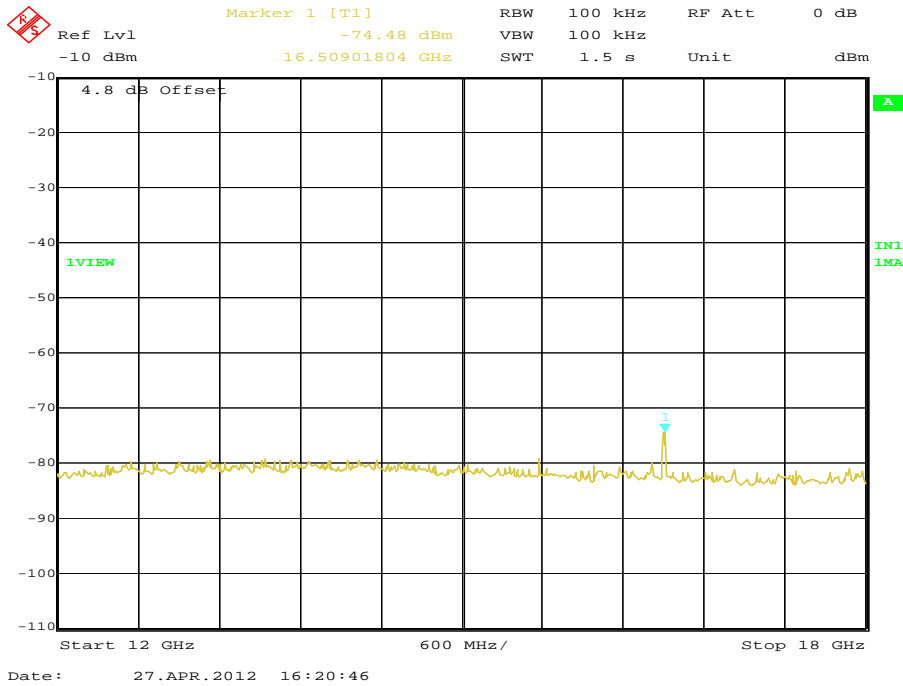




7 GHz to 12 GHz



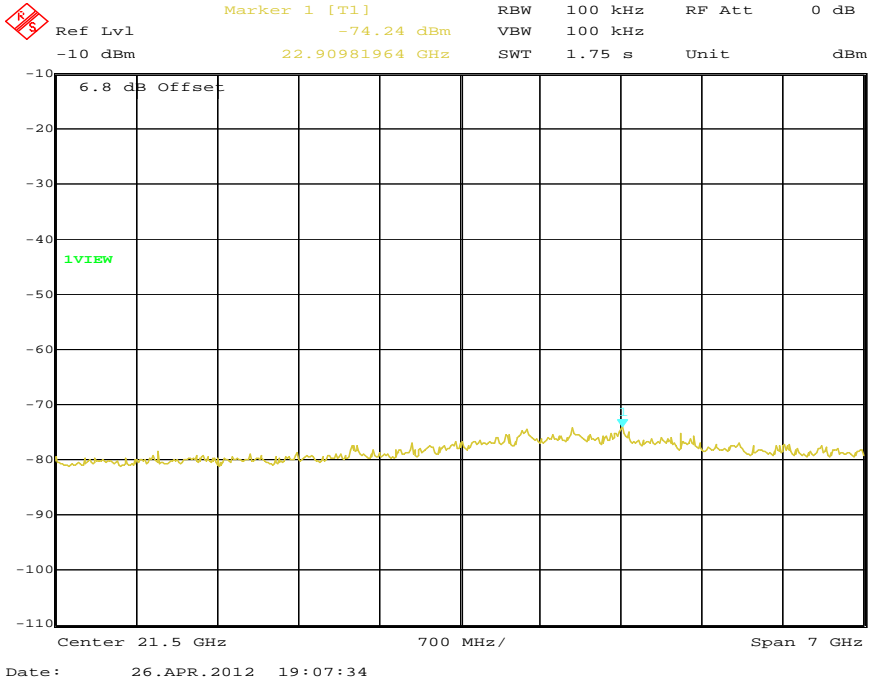
12 GHz to 18 GHz



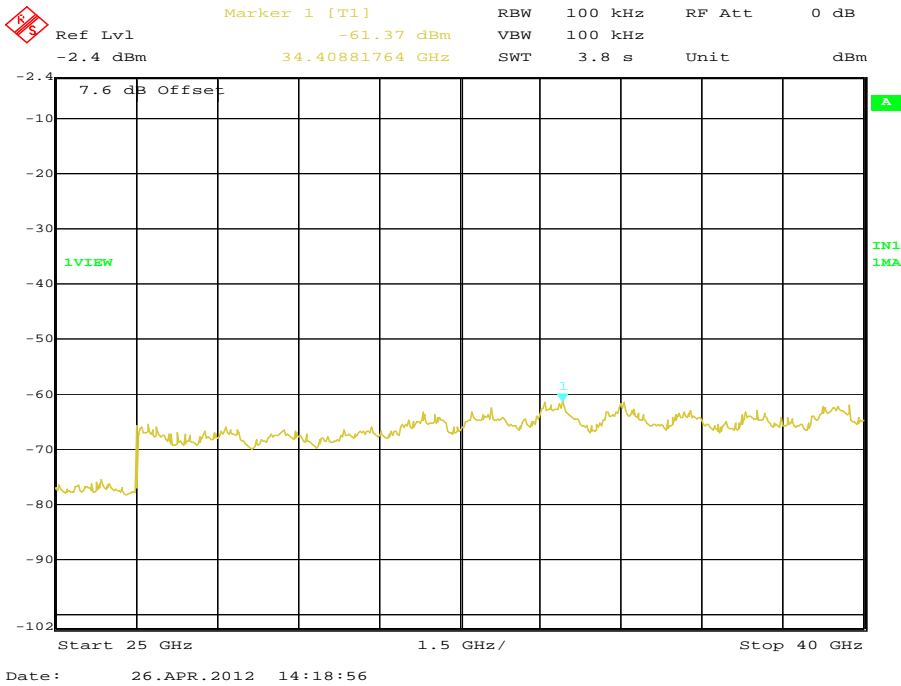


Product Service

18 GHz to 25 GHz



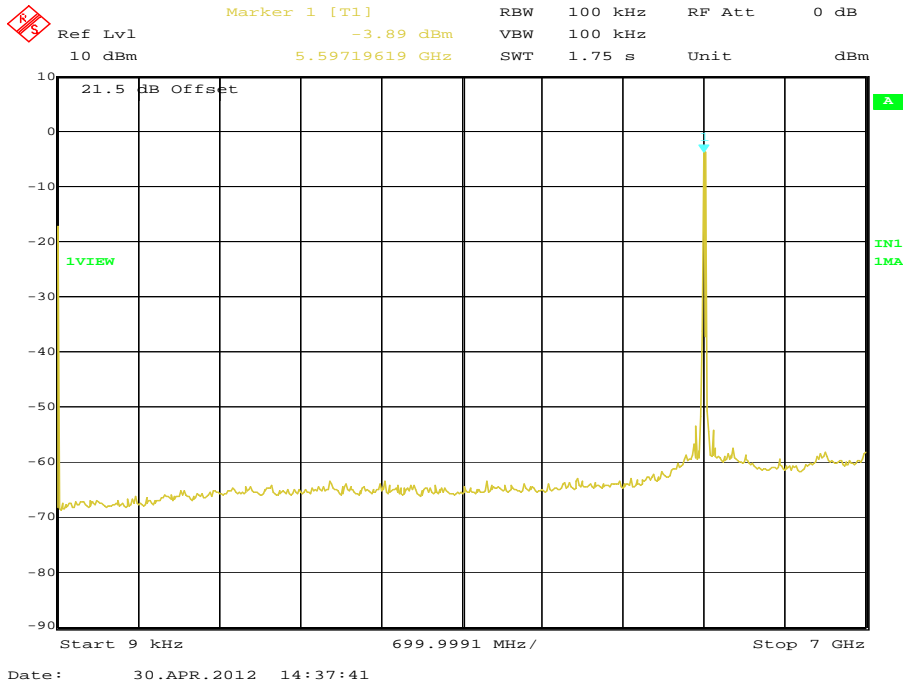
25 GHz to 40 GHz



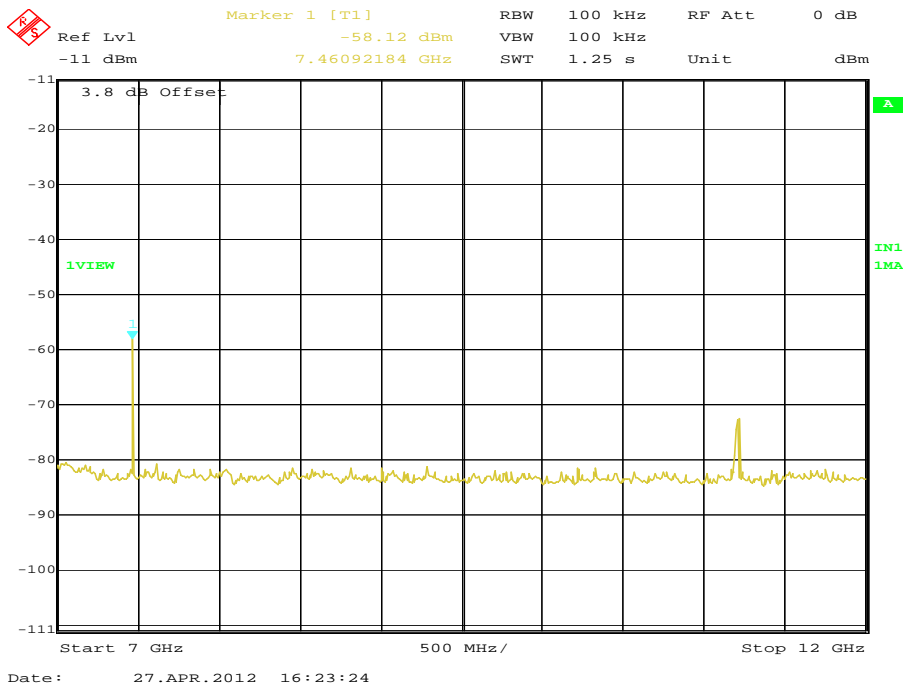


5600 MHz

9 kHz to 7 GHz



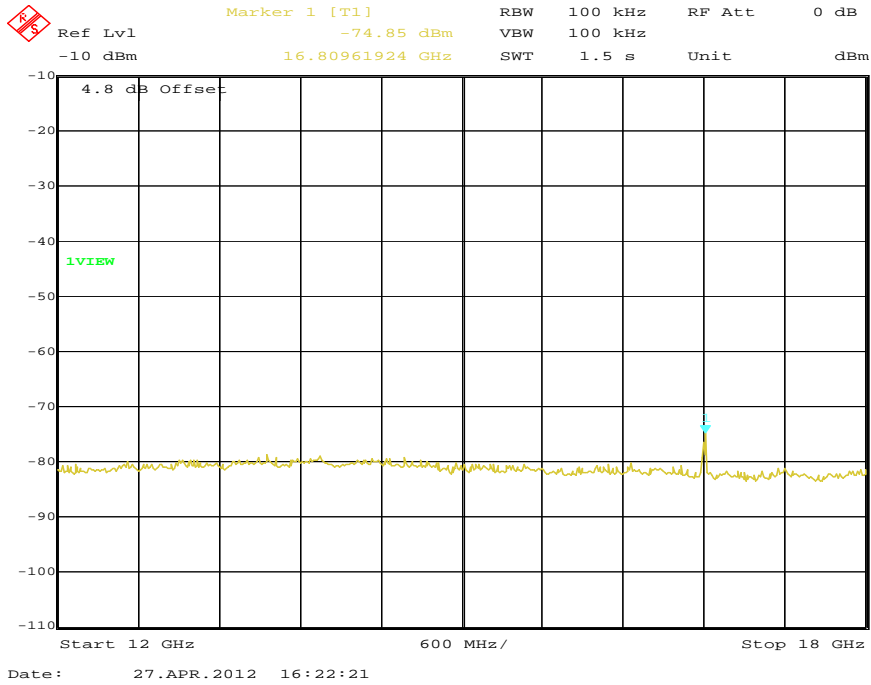
7 GHz to 12 GHz



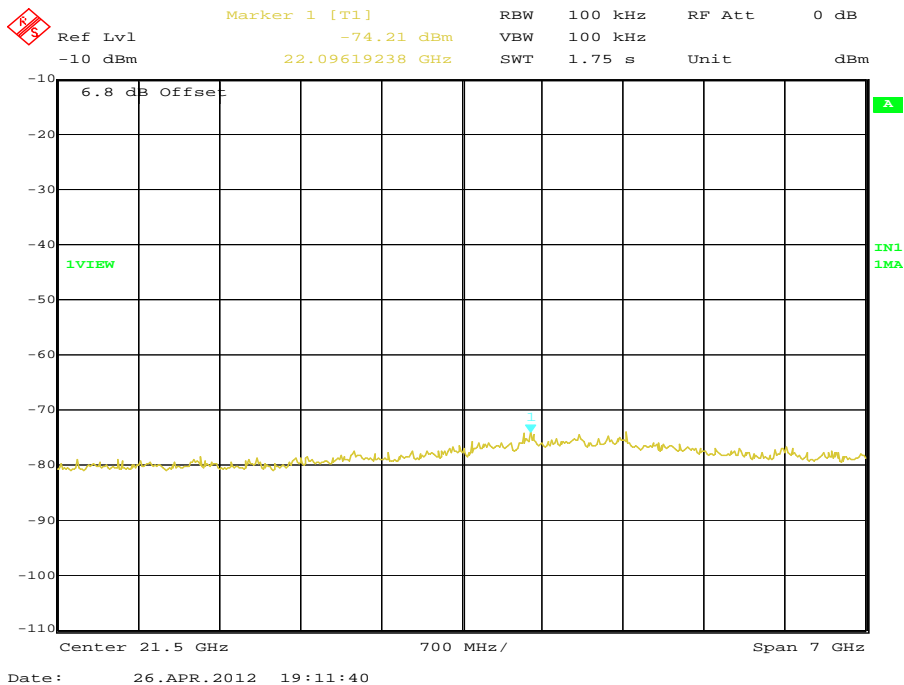


Product Service

12 GHz to 18 GHz



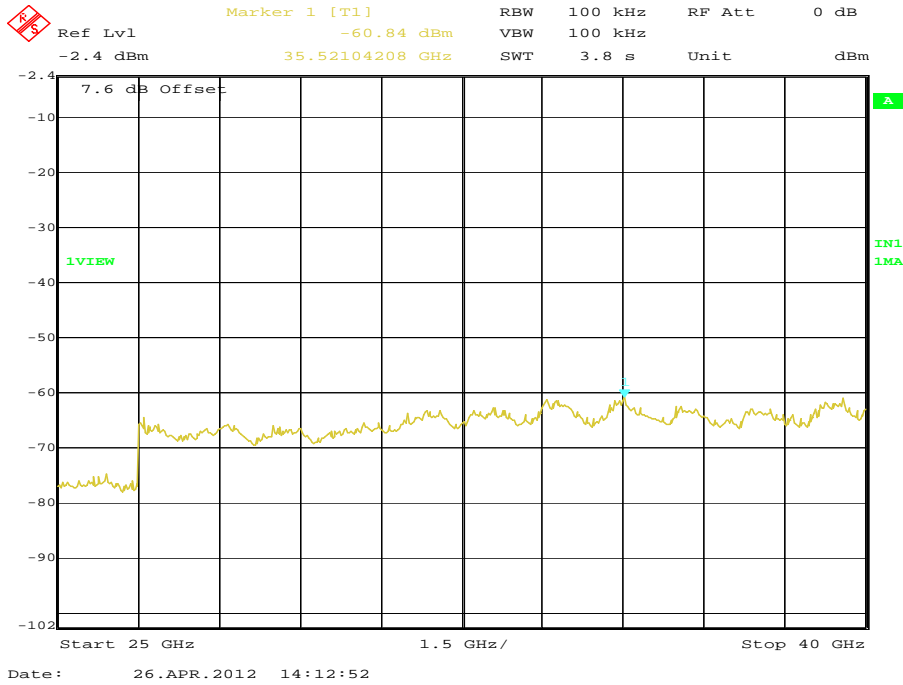
18 GHz to 25 GHz





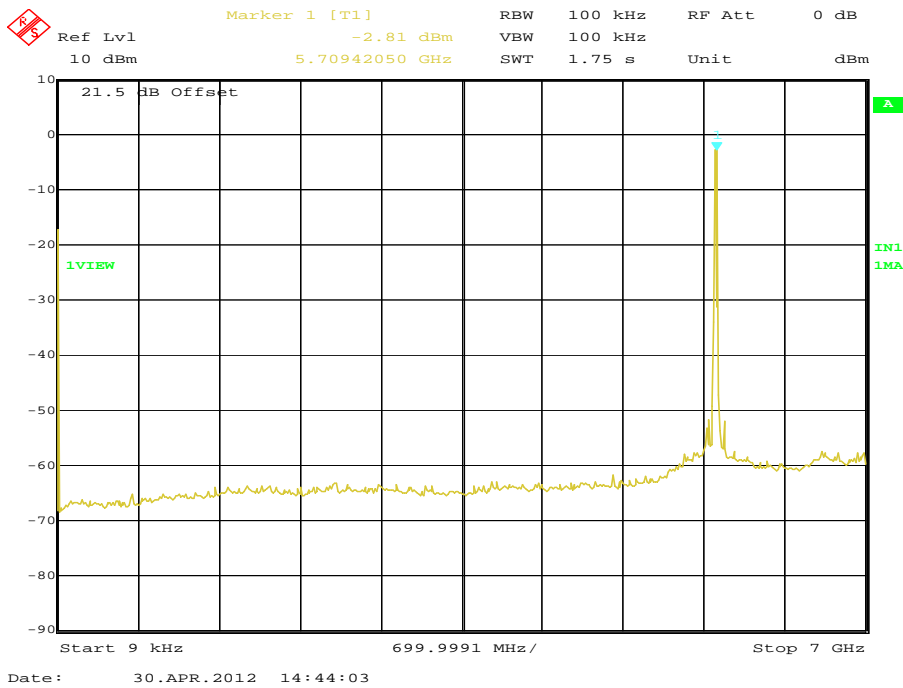
Product Service

25 GHz to 40 GHz



5700 MHz

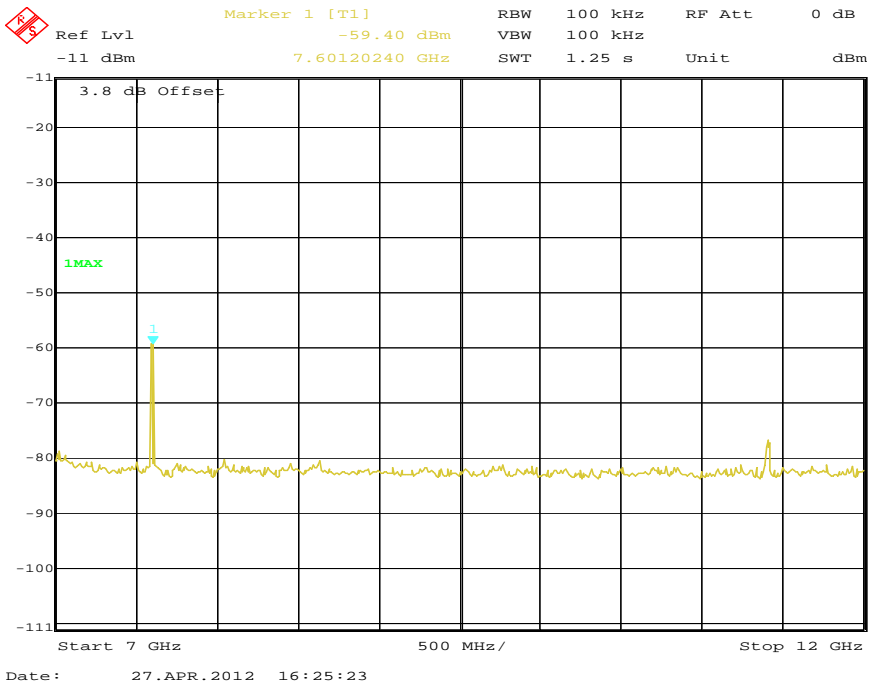
9 kHz to 7 GHz



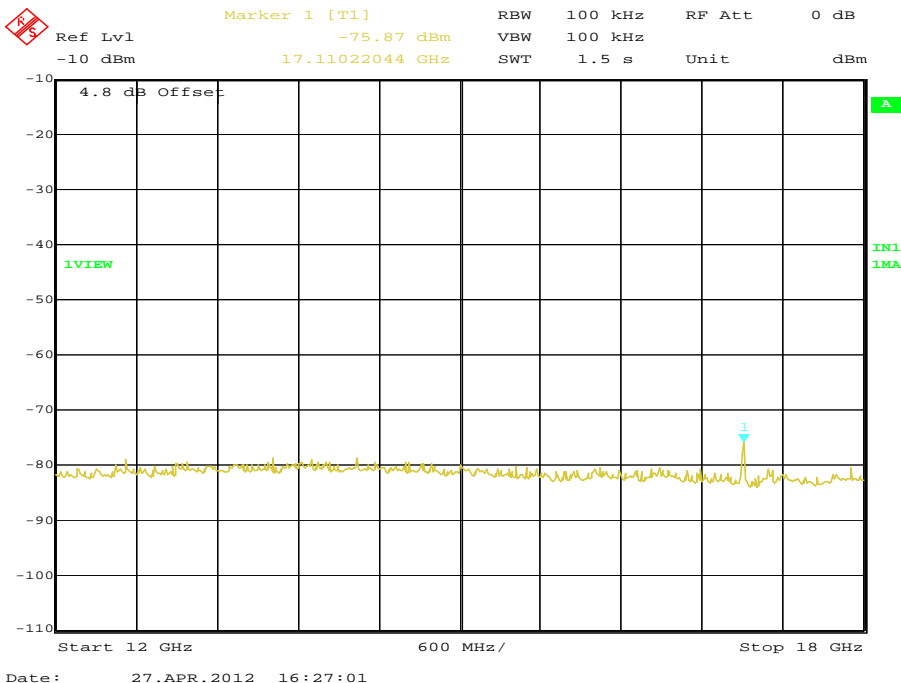


Product Service

7 GHz to 12 GHz

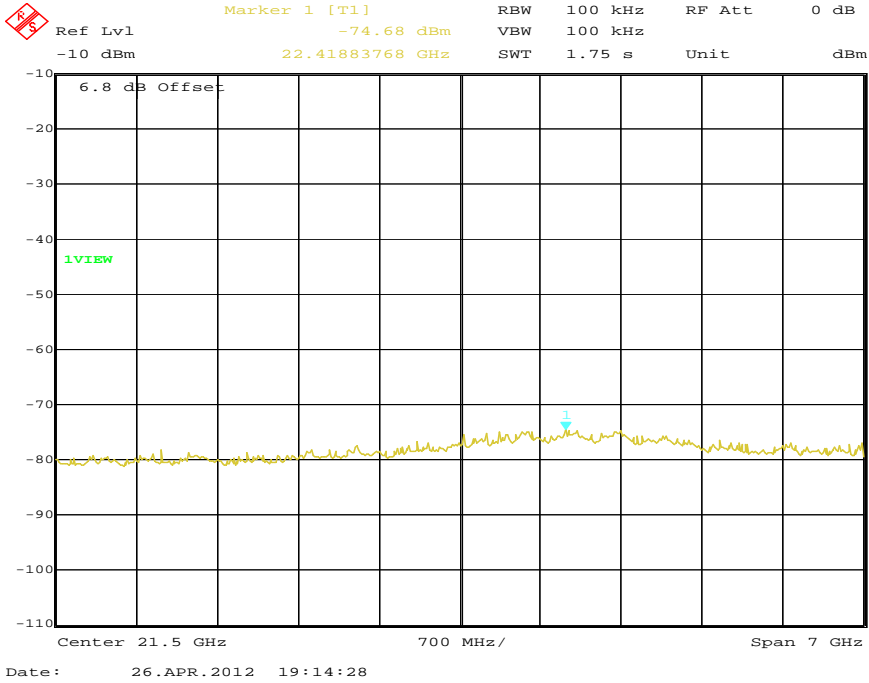


12 GHz to 18 GHz

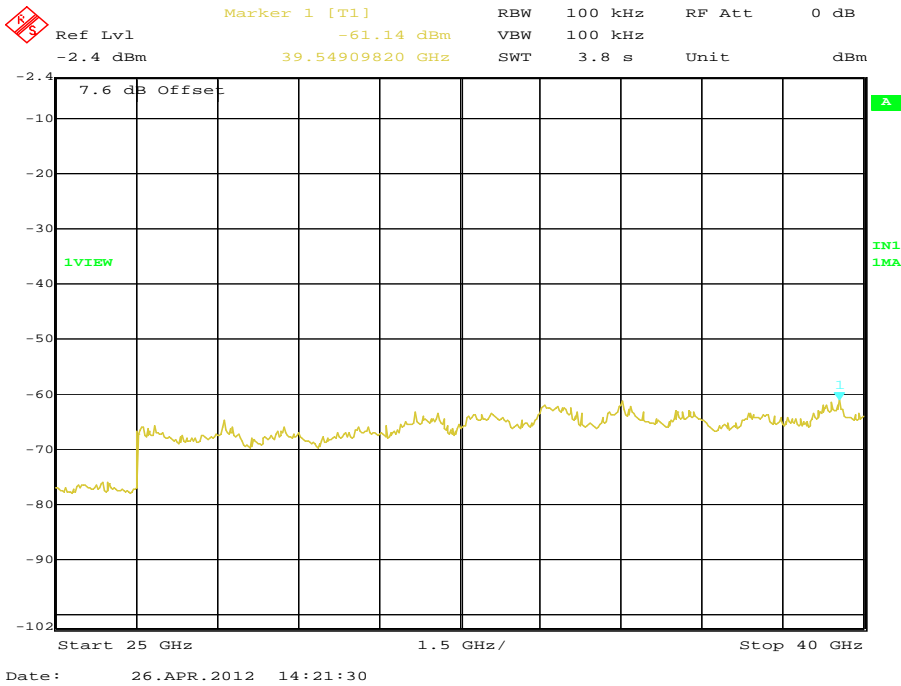




18 GHz to 25 GHz



25 GHz to 40 GHz

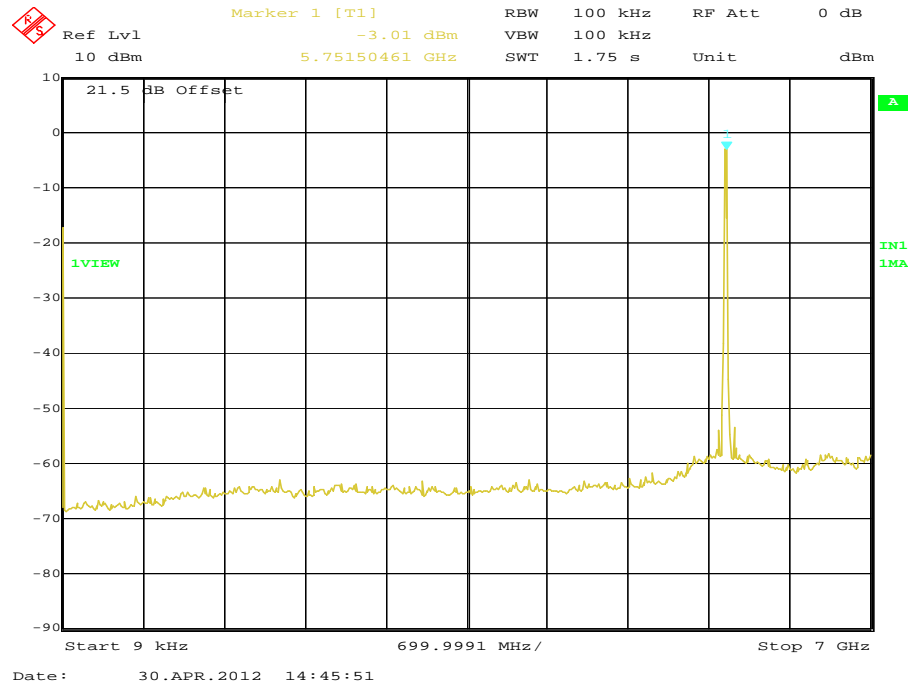




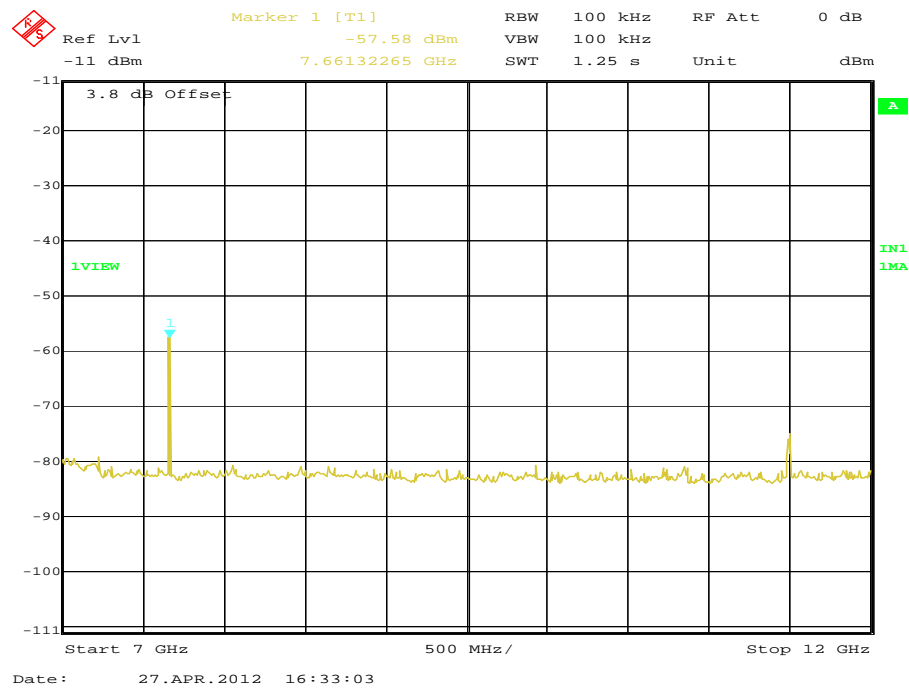
Frequency Band 4

5745 MHz

9 kHz to 7 GHz



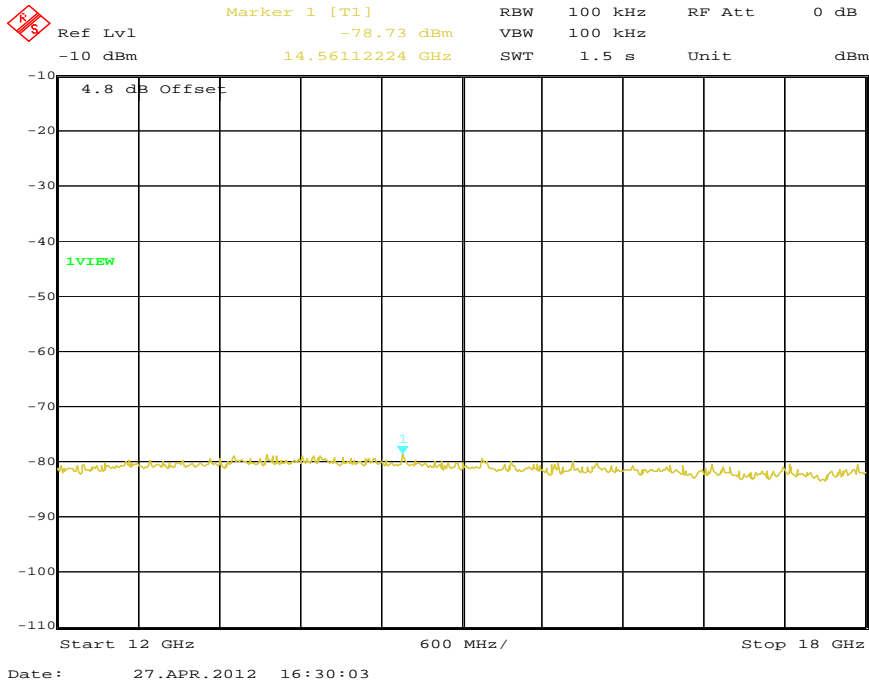
7 GHz to 12 GHz



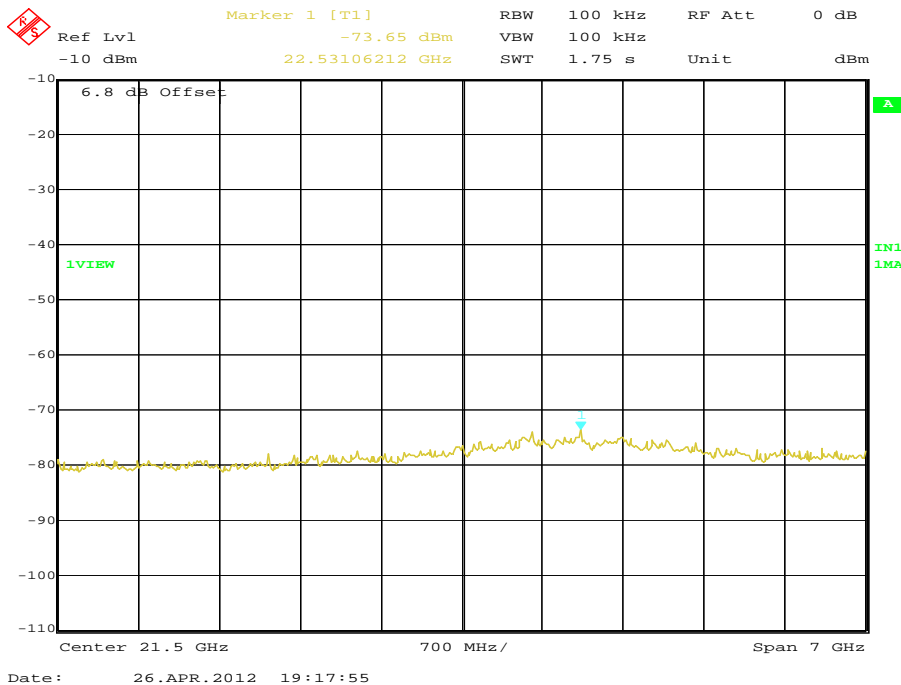


Product Service

12 GHz to 18 GHz



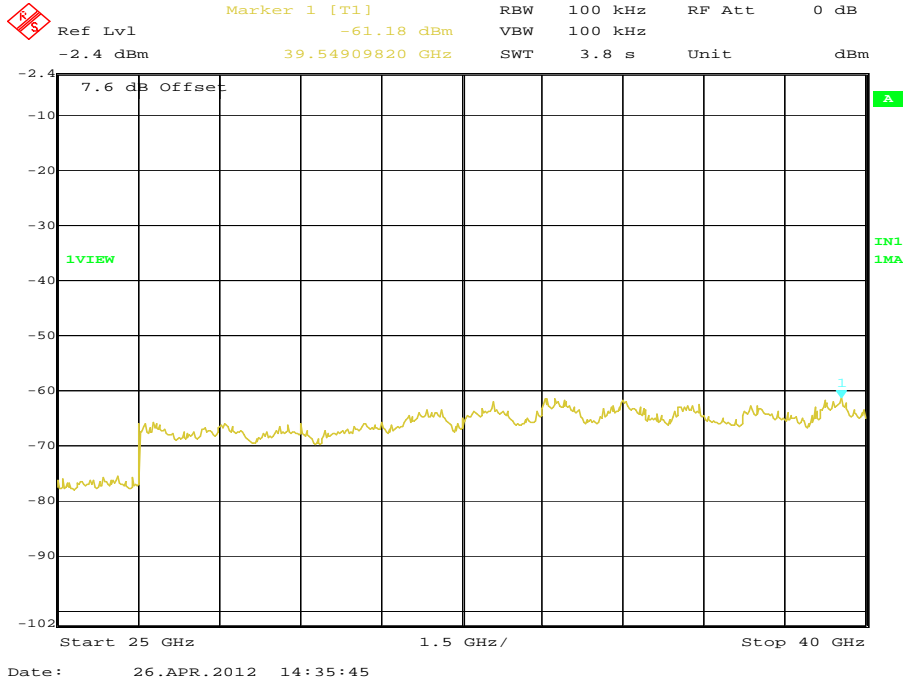
18 GHz to 25 GHz





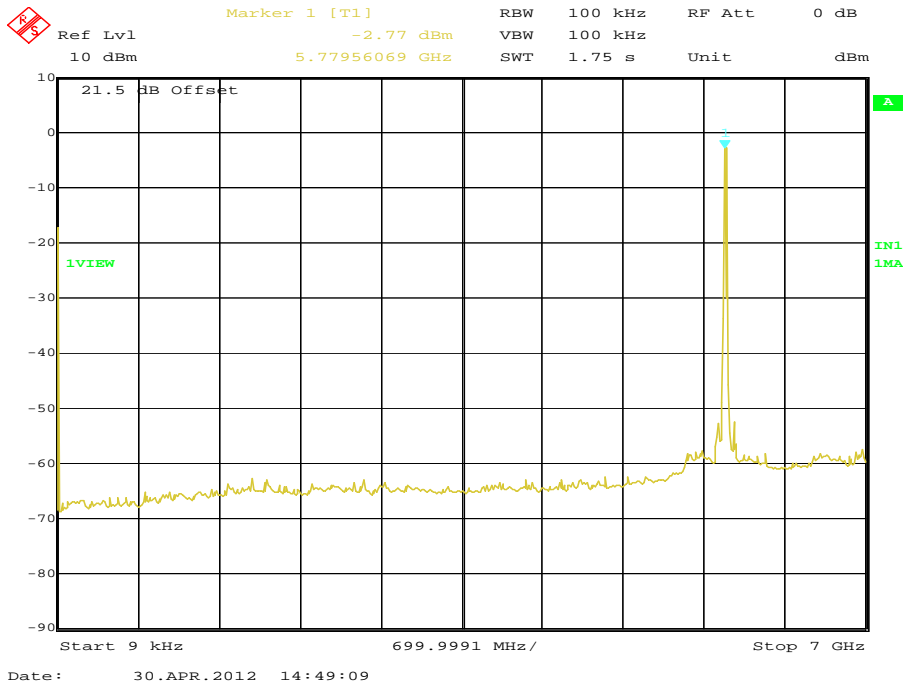
Product Service

25 GHz to 40 GHz



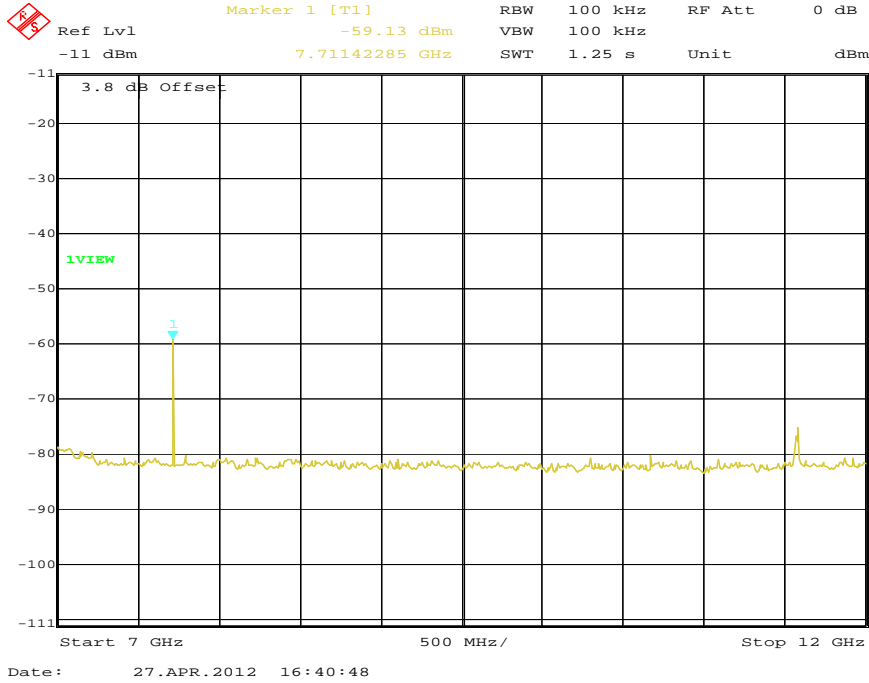
5765 MHz

9 kHz to 7 GHz

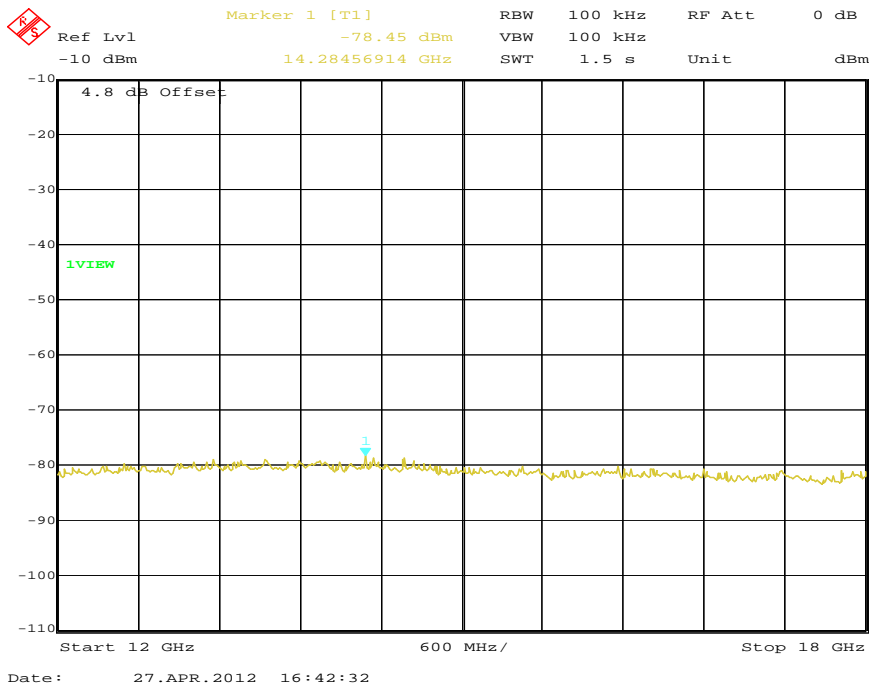




7 GHz to 12 GHz




12 GHz to 18 GHz

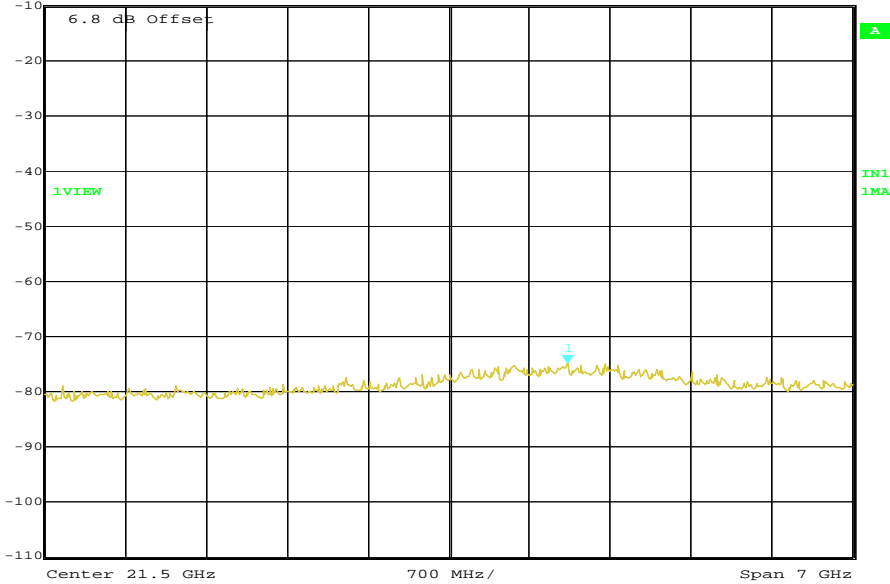




Product Service


18 GHz to 25 GHz

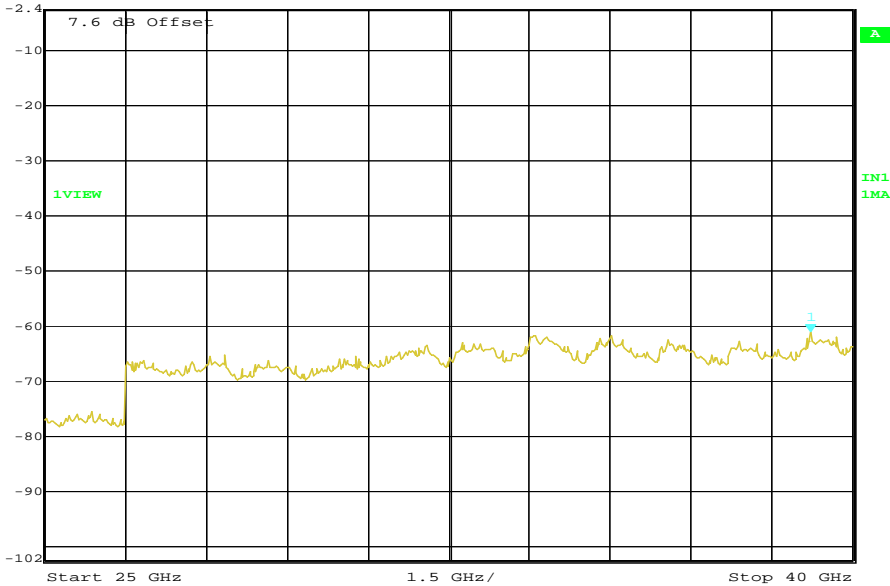
 Ref Lvl -10 dBm Marker 1 [T1] -74.87 dBm RBW 100 kHz RF Att 0 dB
22.53106212 GHz VBW 100 kHz Unit dBm
SWT 1.75 s



Date: 26.APR.2012 19:19:40

25 GHz to 40 GHz

 Ref Lvl -2.4 dBm Marker 1 [T1] -61.06 dBm RBW 100 kHz RF Att 0 dB
39.21843687 GHz VBW 100 kHz Unit dBm
SWT 3.8 s

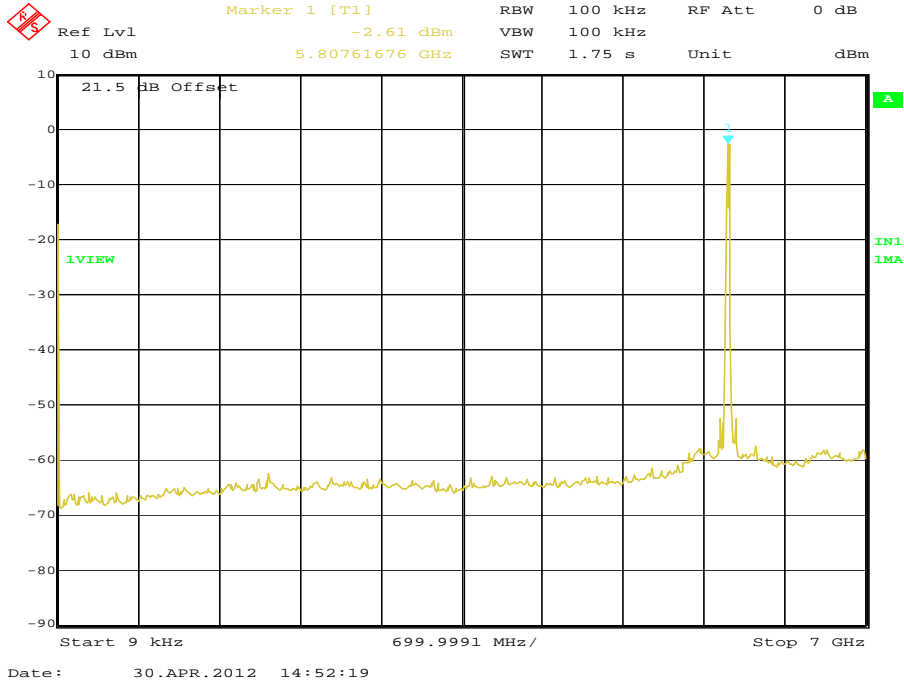


Date: 26.APR.2012 14:39:15

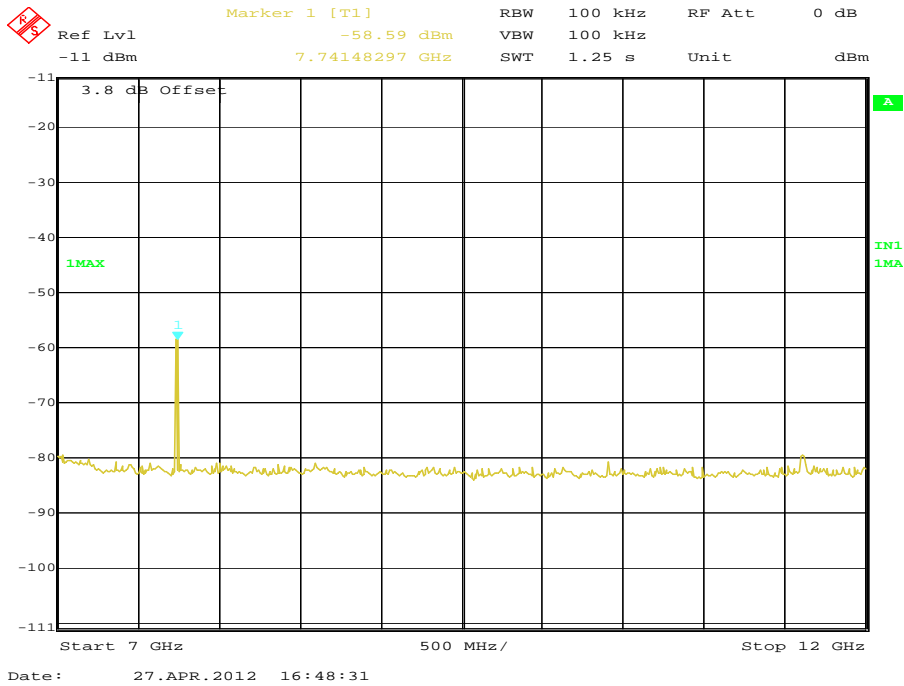


5825 MHz

9 kHz to 7 GHz



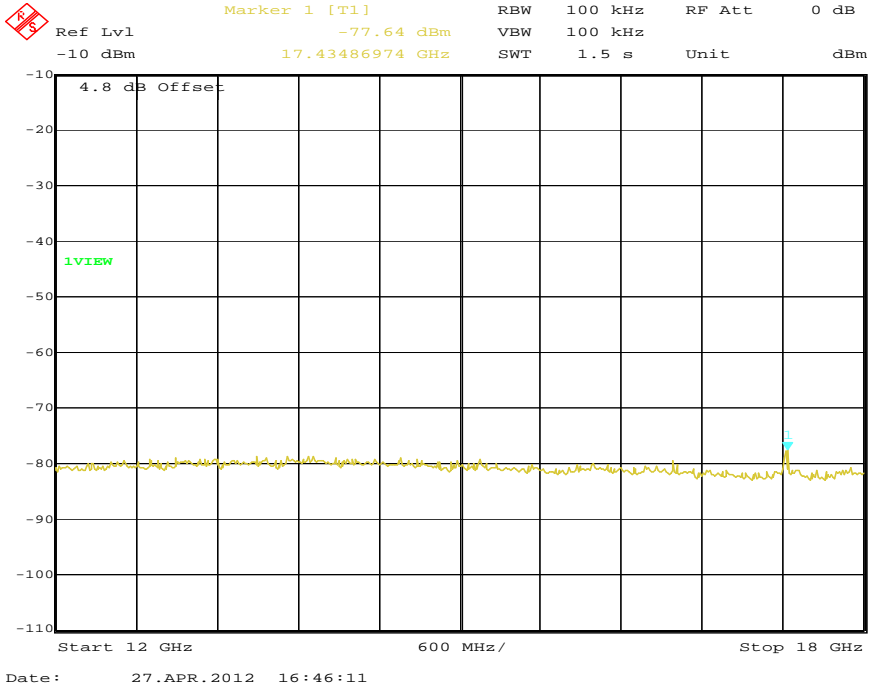
7 GHz to 12 GHz



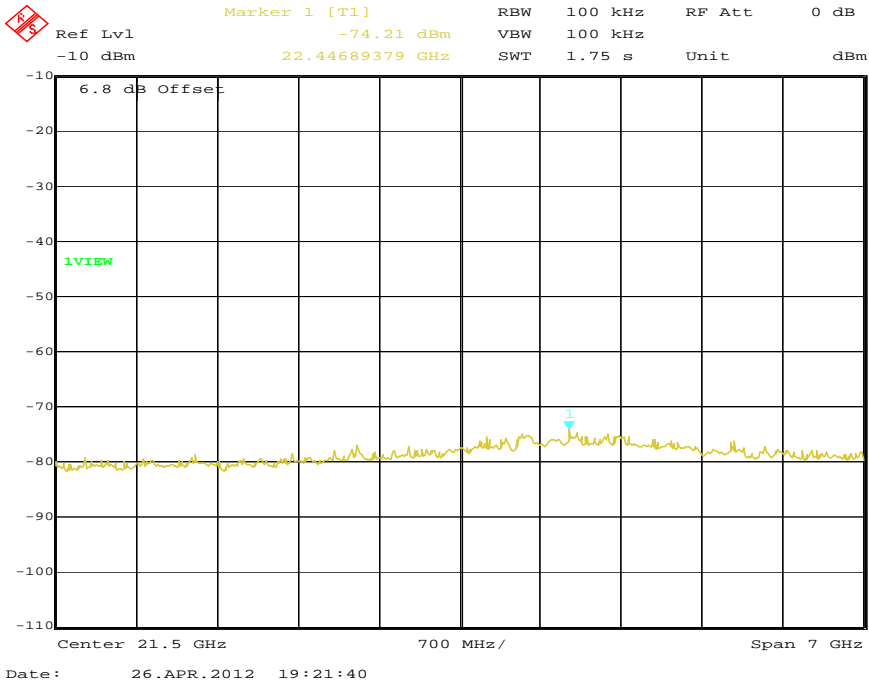


Product Service

12 GHz to 18 GHz



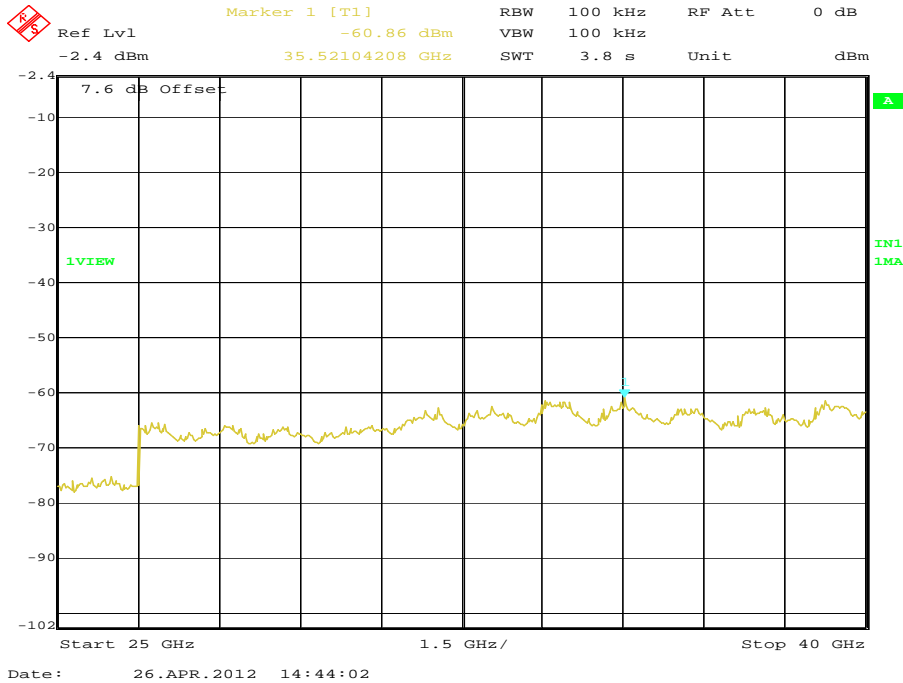
18 GHz to 25 GHz





Product Service

25 GHz to 40 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.

802.11(a) – Onboard PIFA Antenna

802.11(a) – Onboard PIFA Antenna

802.11(a) – Onboard PIFA Antenna



Product Service

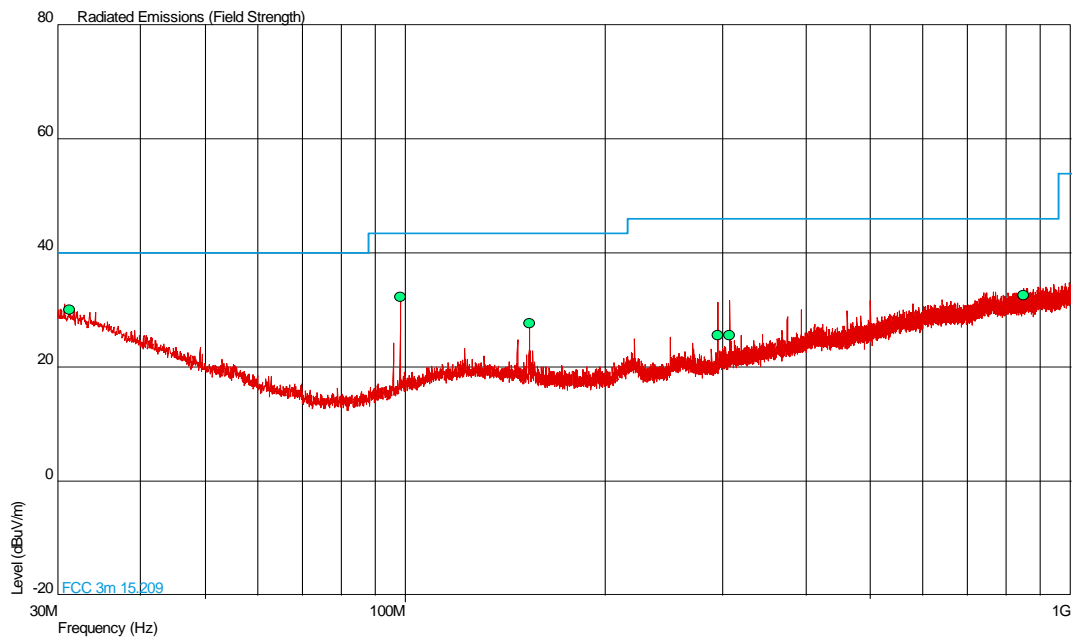
Onboard PIFA Antenna

Spurious Radiated Emissions

Frequency Band 1

5180 MHz

30 MHz to 1 GHz

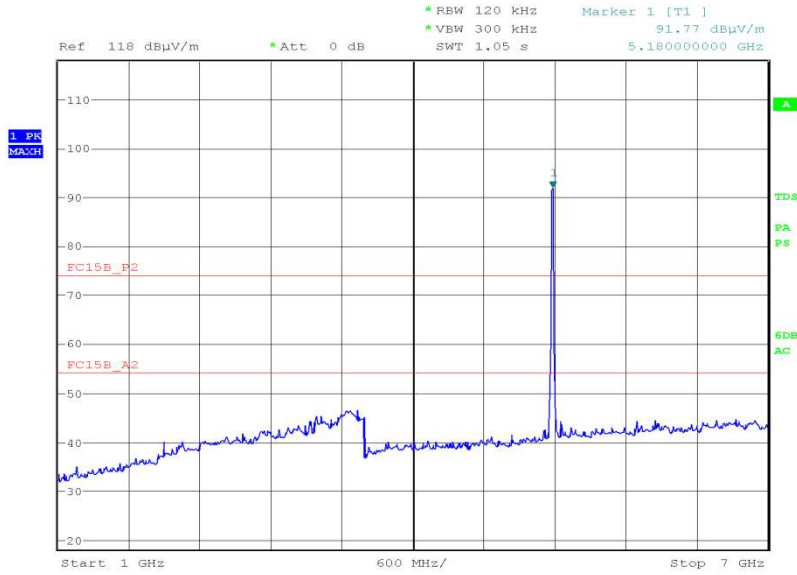


Frequency (MHz)	QP Level (dBμV/m)	QP Level (μV/m)	QP Limit (dBμV/m)	QP Limit (μV/m)	QP Margin (dBμV/m)	QP Margin (μV/m)	Angle (Deg)	Height(m)	Polarity
31.296	30.1	32.0	40.0	100	-9.9	68.0	241	1.00	Horizontal
98.298	32.3	41.2	43.5	150	-11.2	108.8	341	1.00	Vertical
153.601	27.6	24.0	43.5	150	-15.9	126.0	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



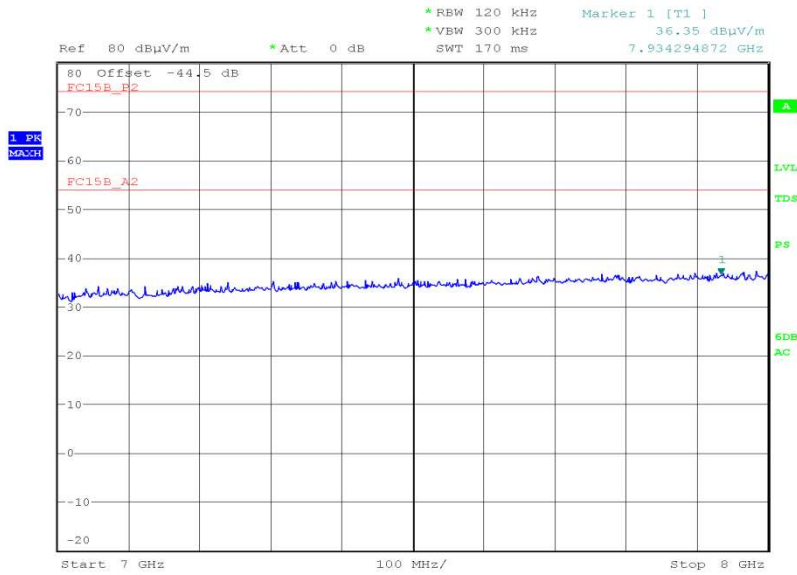
Product Service

1 GHz to 7 GHz



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

7 GHz to 8 GHz

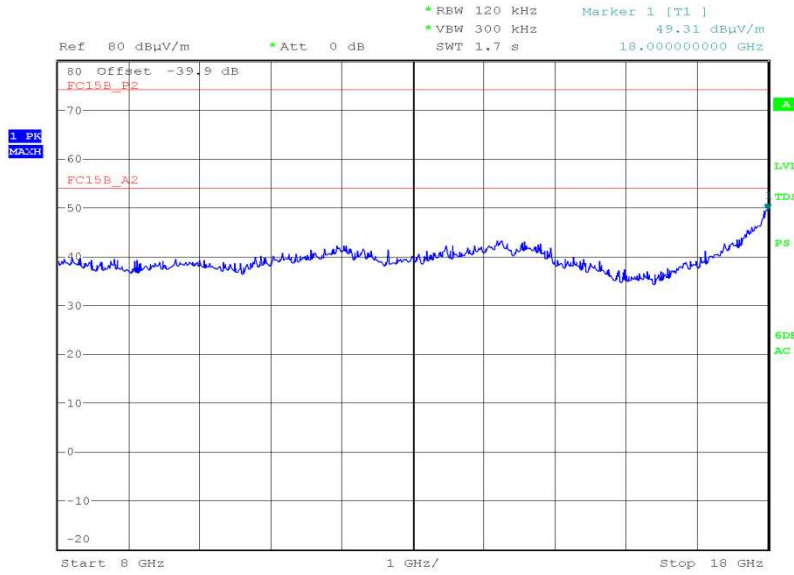


Date: 2.APR.2012 17:15:57



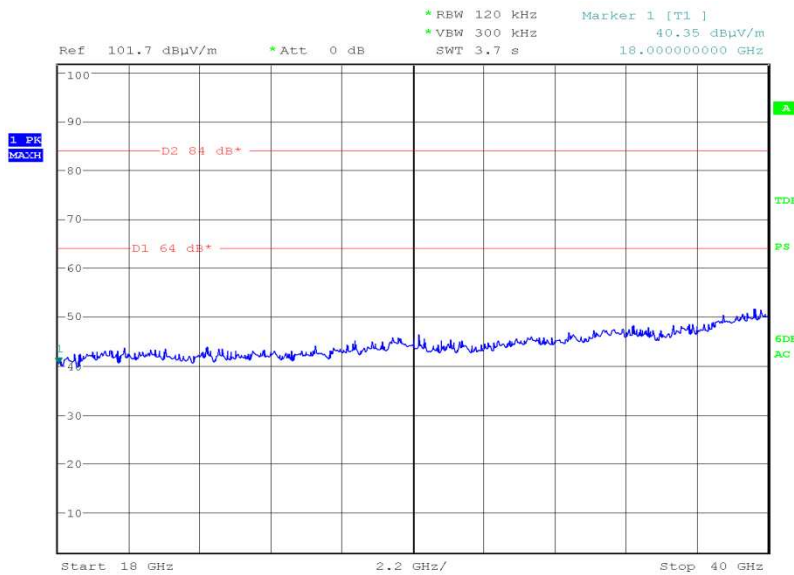
Product Service

8 GHz to 18 GHz



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

18 GHz to 40 GHz

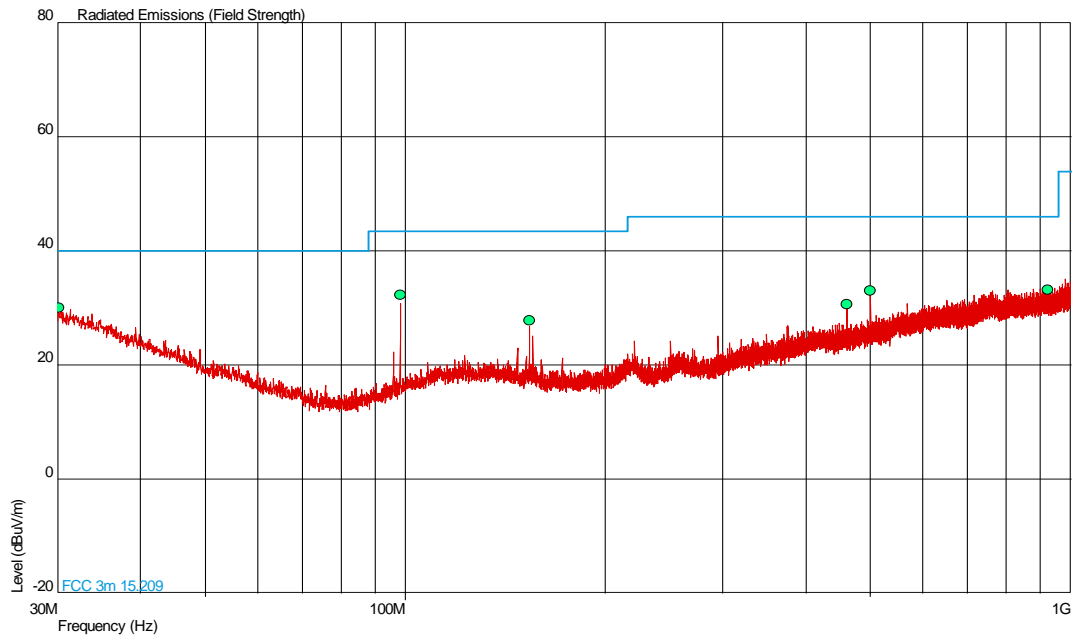


Date: 4.APR.2012 16:32:42



5220 MHz

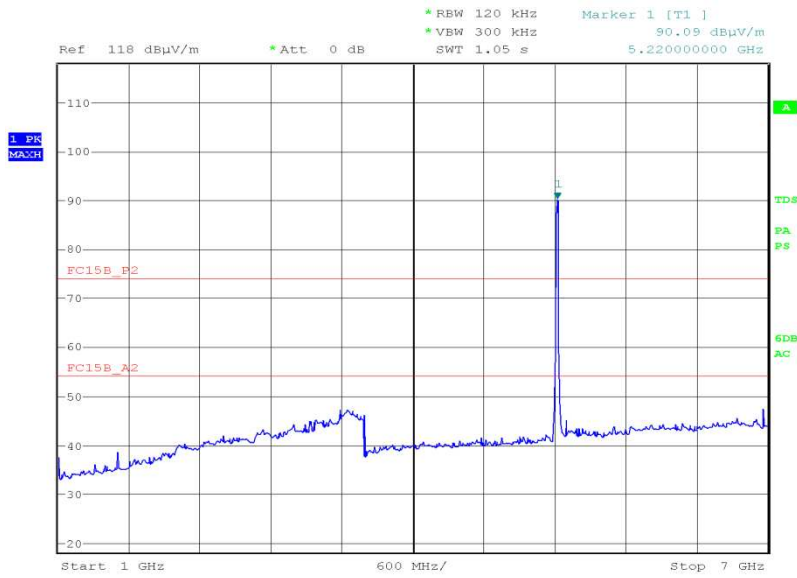
30 MHz to 1 GHz



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

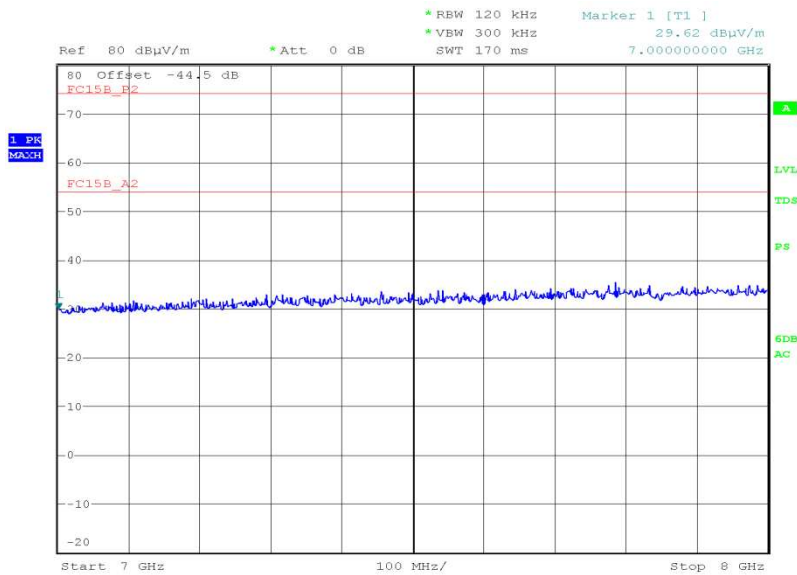


1 GHz to 7 GHz



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

7 GHz to 8 GHz

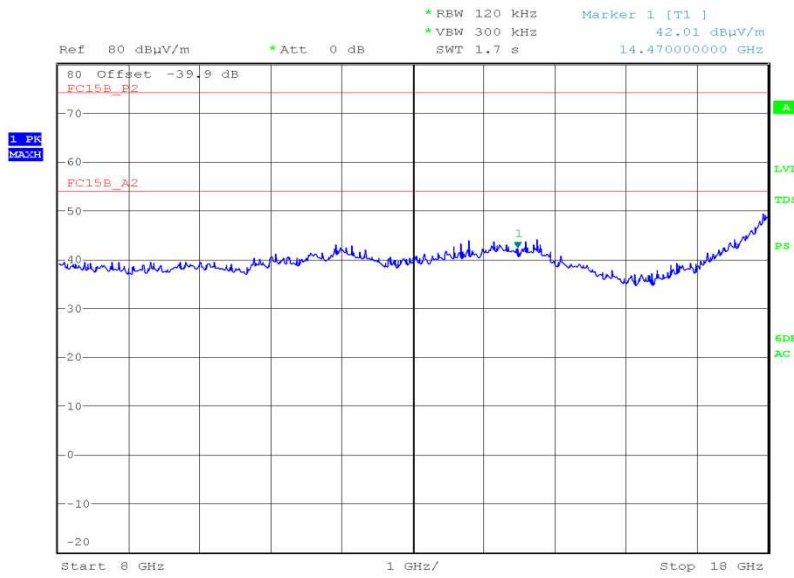


Date: 2.APR.2012 17:22:17



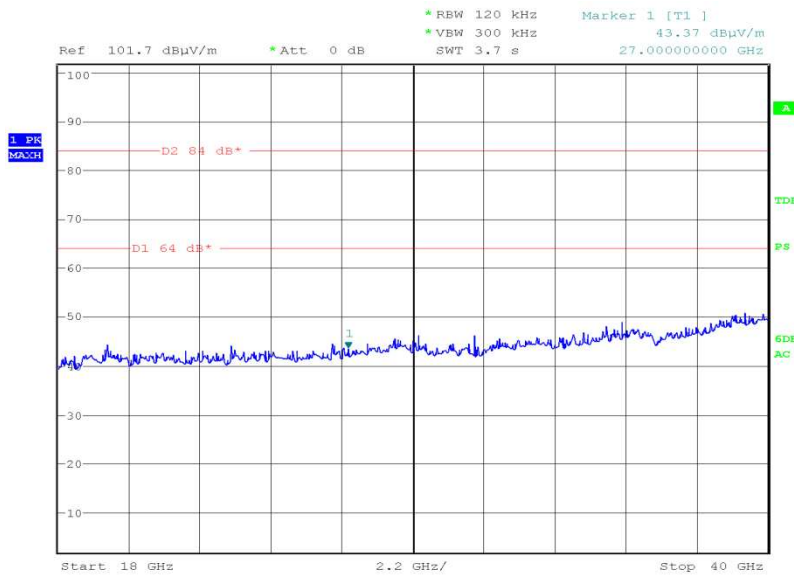
Product Service

8 GHz to 18 GHz



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

18 GHz to 40 GHz



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