

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

47 CFR FCC Part 15.205 Restricted Bands

MHz			MHz			MHz			GHz		
0.090	-	0.110	16.42	-	16.423	399.9	-	410	4.5	-	5.15
0.495	-	0.505	16.69475	-	16.69525	608	-	614	5.35	-	5.46
2.1735	-	2.1905	16.80425	-	16.80475	960	-	1240	7.25	-	7.75
4.125	-	4.128	25.5	-	25.67	1300	-	1427	8.025	-	8.5
4.17725	-	4.17775	37.5	-	38.25	1435	-	1626.5	9.0	-	9.2
4.20725	-	4.20775	73	-	74.6	1645.5	-	1646.5	9.3	-	9.5
6.215	-	6.218	74.8	-	75.2	1660	-	1710	10.6	-	12.7
6.26775	-	6.26825	108	-	121.94	1718.8	-	1722.2	13.25	-	13.4
6.31175	-	6.31225	123	-	138	2200	-	2300	14.47	-	14.5
8.291	-	8.294	149.9	-	150.05	2310	-	2390	15.35	-	16.2
8.362	-	8.366	156.52475	-	156.52525	2483.5	-	2500	17.7	-	21.4
8.37625	-	8.38675	156.7	-	156.9	2690	-	2900	22.01	-	23.12
8.41425	-	8.41475	162.0125	-	167.17	3260	-	3267	23.6	-	24.0
12.29	-	12.293	167.72	-	173.2	3332	-	3339	31.2	-	31.8
12.51975	-	12.52025	240	-	285	3345.8	-	3358	36.43	-	36.5
12.57675	-	12.57725	322	-	335.4	3600	-	4400	Above 38.6		
13.36	-	13.41									

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Restricted Bands) Limits

The EUT shows compliance to the requirements of this section, which states that emissions which fall in the restricted bands must comply with the radiated emission limits specified in the table below:

Frequency Range (MHz)	EIRP (dBm)	Radiated Emissions (dBμV/m)
0.009 – 0.490	-6.7 – (-41.4) **	67.6 – 20logF* @ 300m **
0.490 – 1.705	-41.4 – (-52.3) **	87.6 – 20logF* @ 30m **
1.705 – 30	-45.7	29.5 @ 30m
30 - 88	-55.2	40.0 @ 3m
88 - 216	-51.7	43.5 @ 3m
216 - 960	-49.2	46.0 @ 3m
>960	-41.2 ***	54.0 @ 3m ***
* F is frequency in kHz.		
** Decreasing linearly with the logarithm of the frequency.		
*** Above 1GHz, a peak limit of 20dB above the average limit does apply.		

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Restricted Bands) Test Instrumentation

Instrument	Model	S/No	Cal Due Date	Cal Interval
Agilent Spectrum Analyzer	E4404A	MY45304746	14 Nov 2014	1 year
Agilent DC Power Supply	E3620A	MY40000448	Output Monitor	Output Monitor

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Restricted Bands) Test Setup

1. The EUT and supporting equipment were set up as shown in the setup photo.
2. The power supply for the EUT was connected to a filtered mains.
3. The RF antenna connector was connected to the spectrum analyser via a low-loss coaxial cable.
4. The resolution bandwidth (RBW) of the spectrum analyser was set to the following settings. The video bandwidth (VBW) was set to at least three times of the RBW.

Frequency (MHz)	RBW (kHz)
0.009 – 0.150	0.2
0.150 – 30.0	9.0
30.0 - 1000	100.0
> 1000	1000.0

5. The detector of the spectrum analyser was set to peak detection mode.
6. All other supporting equipment were powered separately from another filtered mains.

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Restricted Bands) Test Method

1. Measurement in the range 9kHz – 1000MHz
 - 1.1 The EUT was switched on and allowed to warm up to its normal operating condition. The EUT was then configured to operate in the test mode, with the transmitting frequency was set to lower channel with specified modulation and data rate.
 - 1.2 The start and stop frequencies of the spectrum analyser were set according to the supported RBW.
 - 1.3 The spectrum analyser was set to max hold to capture any spurious emissions within the span. The signal capturing was continuous until no further spurious emissions were detected.
 - 1.4 No further measurement was required if all the captured emissions complied to the limits. Else, the spectrum analyser was set to zoom to the captured emission with the detector of the spectrum analyser was set to quasi-peak. The emission level of the captured frequency was measured.
 - 1.5 The step 1.4 was repeated until all the captured emissions which exceeding the limits were measured.
 - 1.6 Repeat steps 1.1 to 1.5 with all possible modulations and data rates.
 - 1.7 The steps 1.2 to 1.6 were repeated with the transmitting frequency was set to middle and upper channel respectively.
2. Measurement above 1000MHz
 - 2.1 The EUT was switched on and allowed to warm up to its normal operating condition. The EUT was then configured to operate in the test mode, with the transmitting frequency was set to lower channel with specified modulation and data rate.
 - 2.2 The start and stop frequencies of the spectrum analyser were set according to the supported frequency band of the set RBW with the number of points in a sweep was set to equal or greater than 2 times of the ratio of span over RBW.
 - 2.3 The detector of the spectrum analyser was set to power average (RMS) mode with the sweep time was set to equal or greater than 10 times of the product of number of measurement points in a sweep and transmission symbol time.
 - 2.4 The spectrum analyser was then allowed to capture any spurious emissions within a single sweep. The peak marker function of the spectrum analyser was used to locate the highest power level.
 - 2.5 The steps 2.2 to 2.4 were repeated until all the required frequency bands were measured.
 - 2.6 Repeat steps 2.1 to 2.5 with all possible modulations and data rates.
 - 2.7 The steps 2.2 to 2.6 were repeated with the transmitting frequency was set to middle and upper channel respectively.
 - 2.8 The measurements were repeated with the detector of the spectrum analyser was set to peak detecting mode. The sweep time was set to auto coupler.



RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Restricted Bands) Results

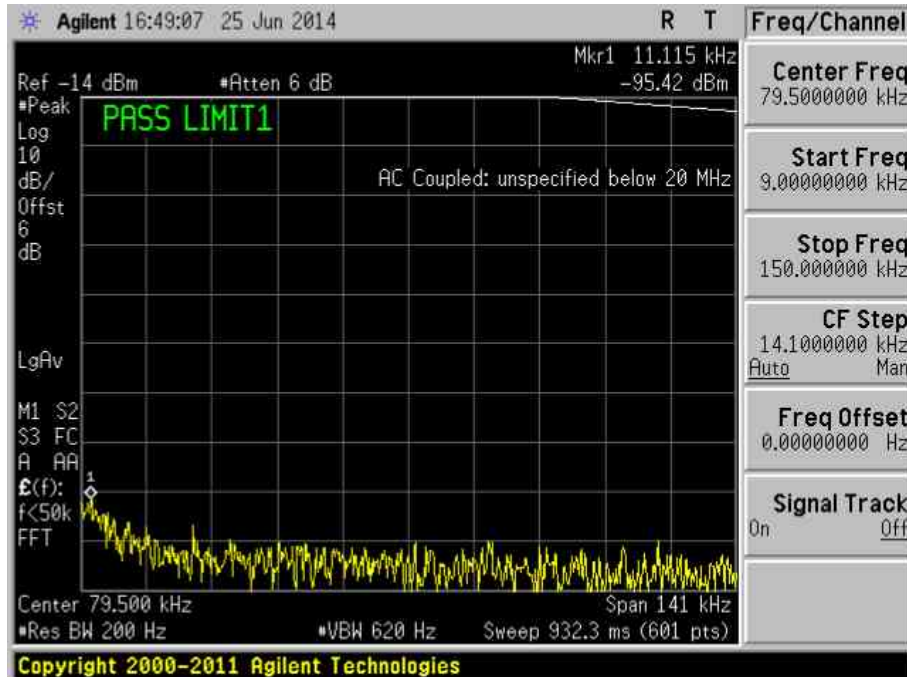
Test Input Power	12Vdc	Temperature	22°C
Attached Plots	1486 – 1566 (802.11b)	Relative Humidity	52%
	1567 – 1674 (802.11g)	Atmospheric Pressure	1030mbar
	1675 – 1782 (802.11n 20MHz)	Tested By	Kyaw Soe Hein
	1783 – 1890 (802.11n 40MHz)		

All spurious signals found were below the specified limit. Please refer to the attached plots.

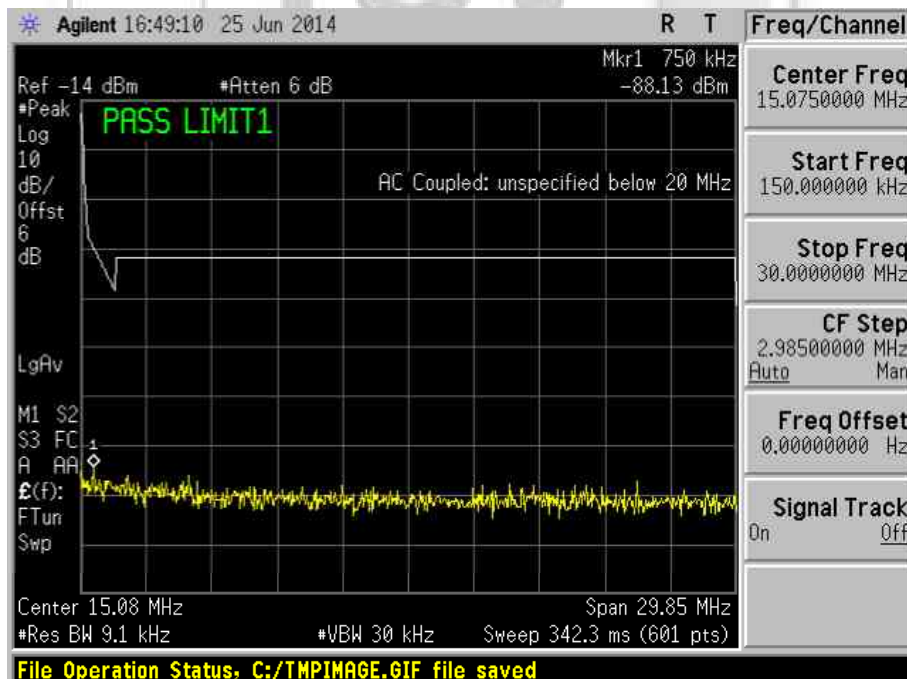


RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



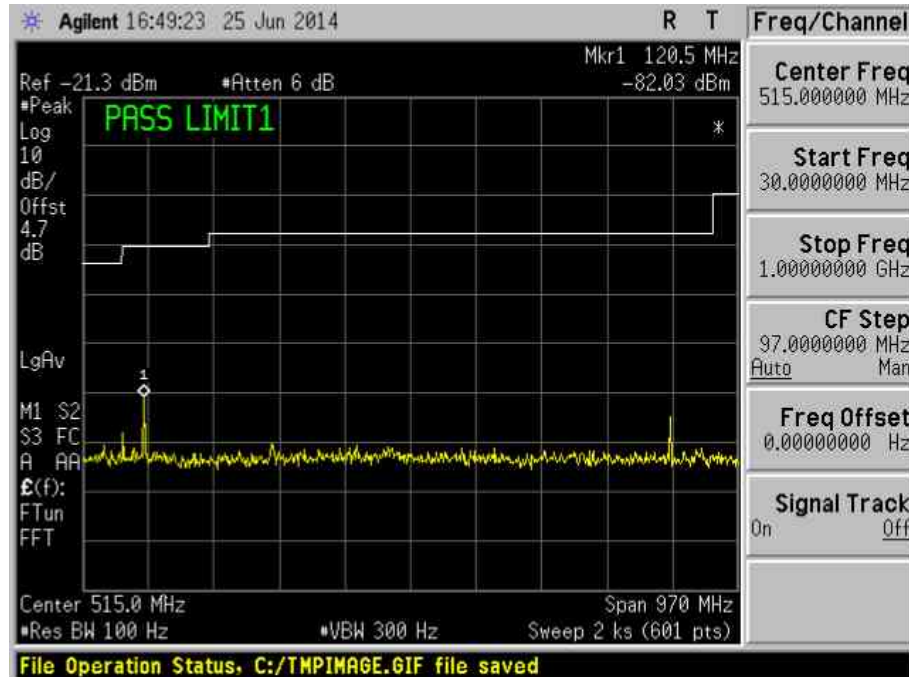
Plot 1486 – Channel 1 (lower ch) @ DBPSK 1Mbps



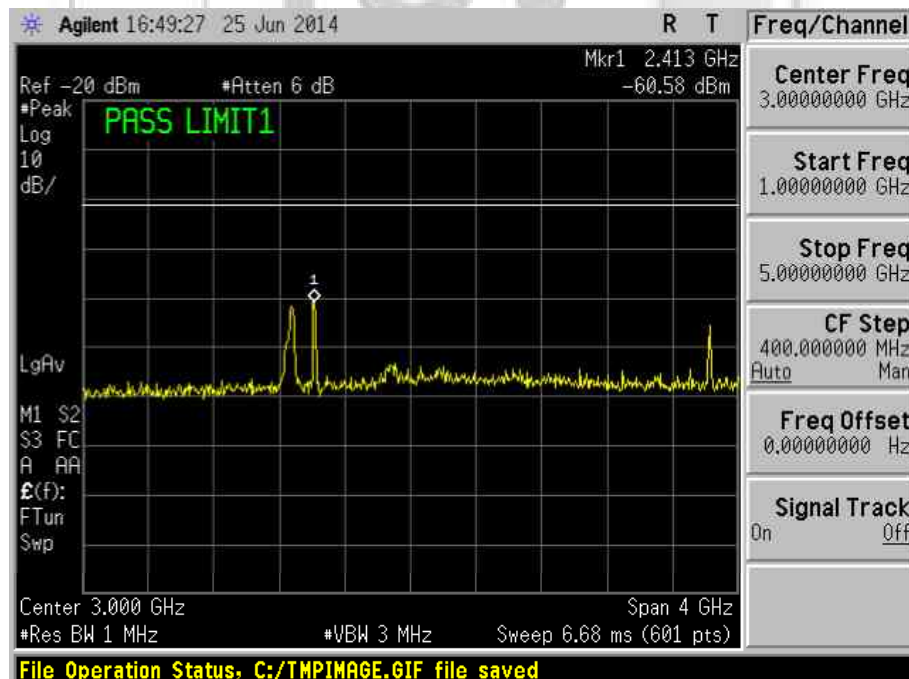
Plot 1487 – Channel 1 (lower ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



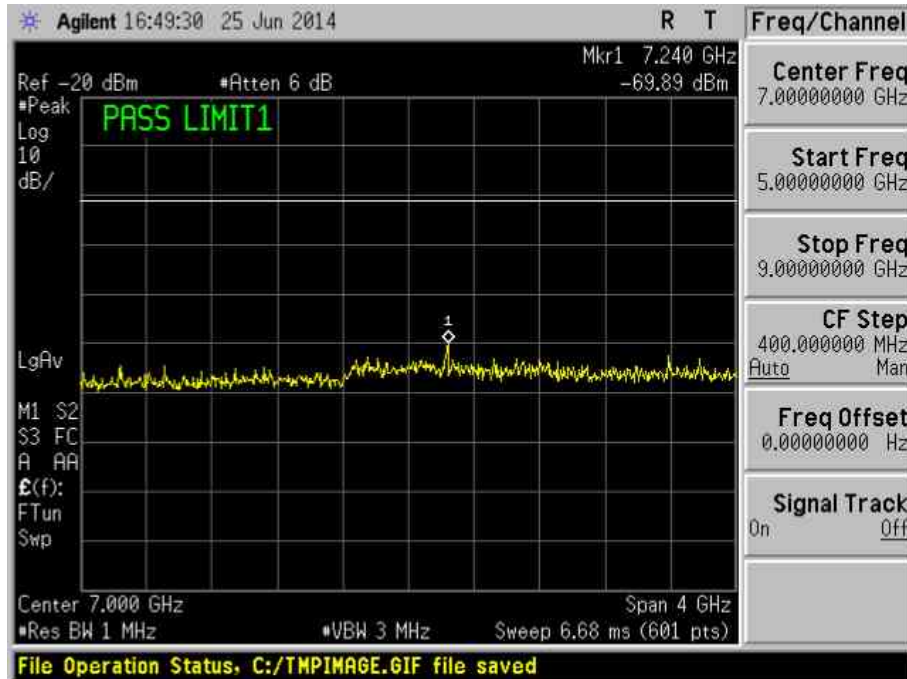
Plot 1488 – Channel 1 (lower ch) @ DBPSK 1Mbps



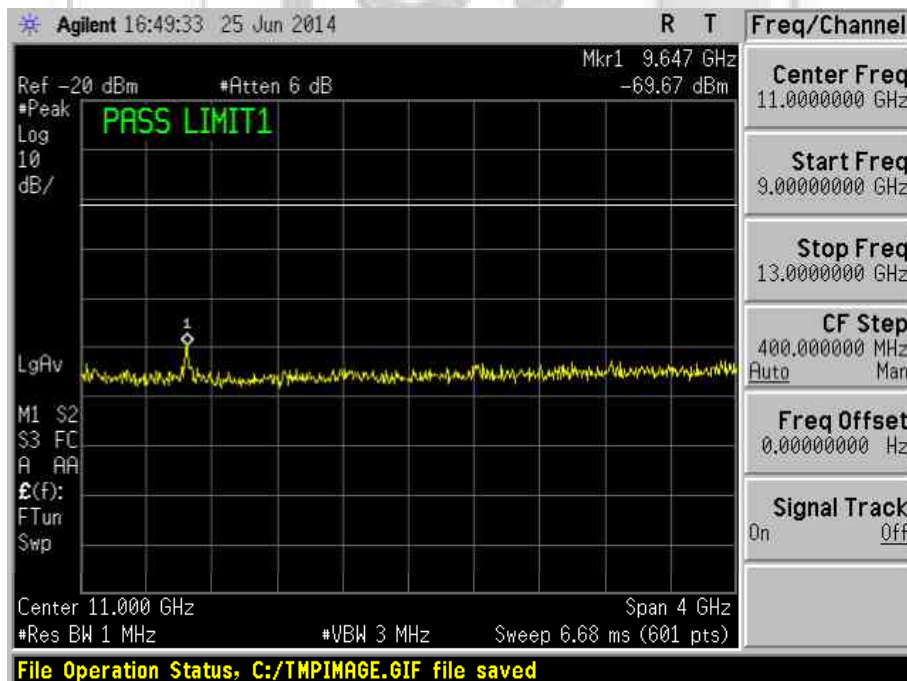
Plot 1489 – Channel 1 (lower ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



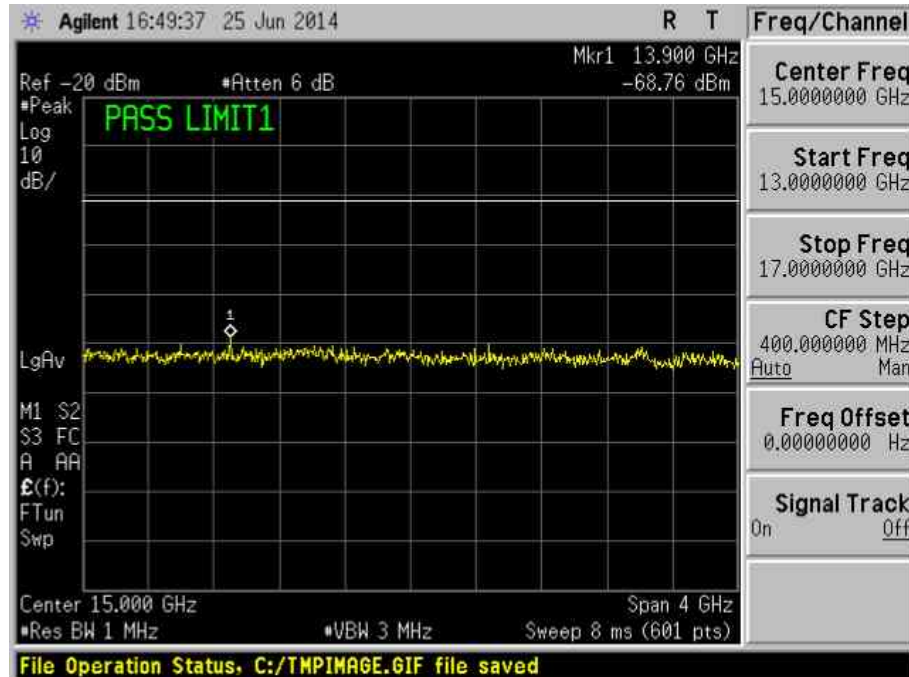
Plot 1490 – Channel 1 (lower ch) @ DBPSK 1Mbps



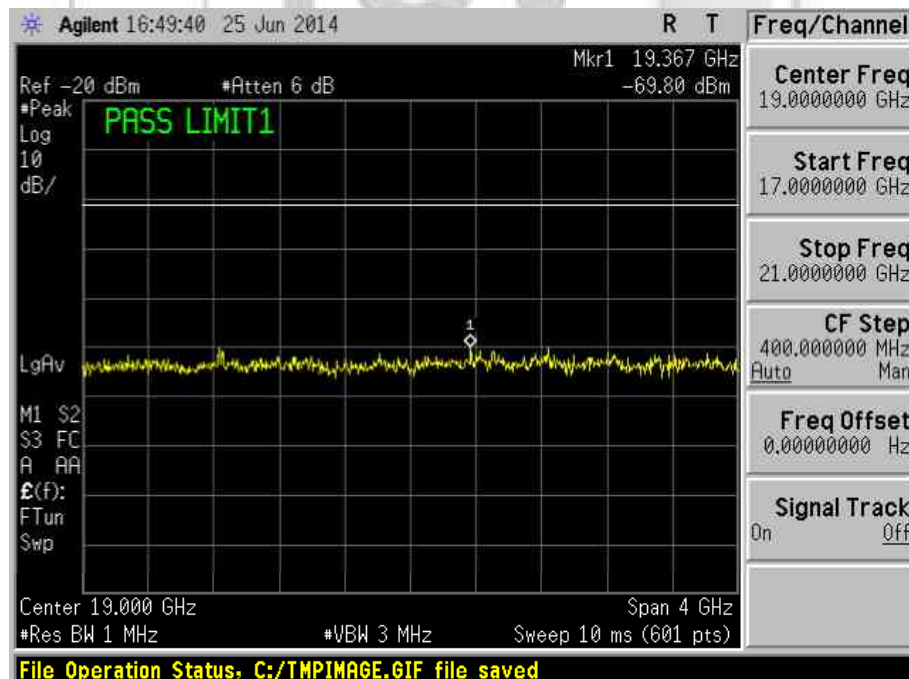
Plot 1491 – Channel 1 (lower ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



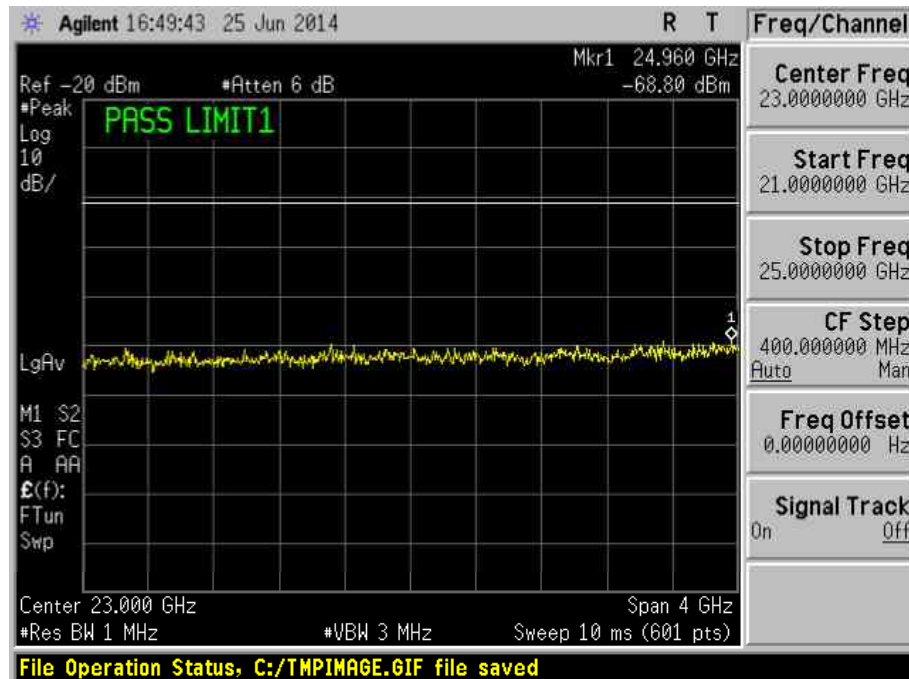
Plot 1492 – Channel 1 (lower ch) @ DBPSK 1Mbps



Plot 1493 – Channel 1 (lower ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

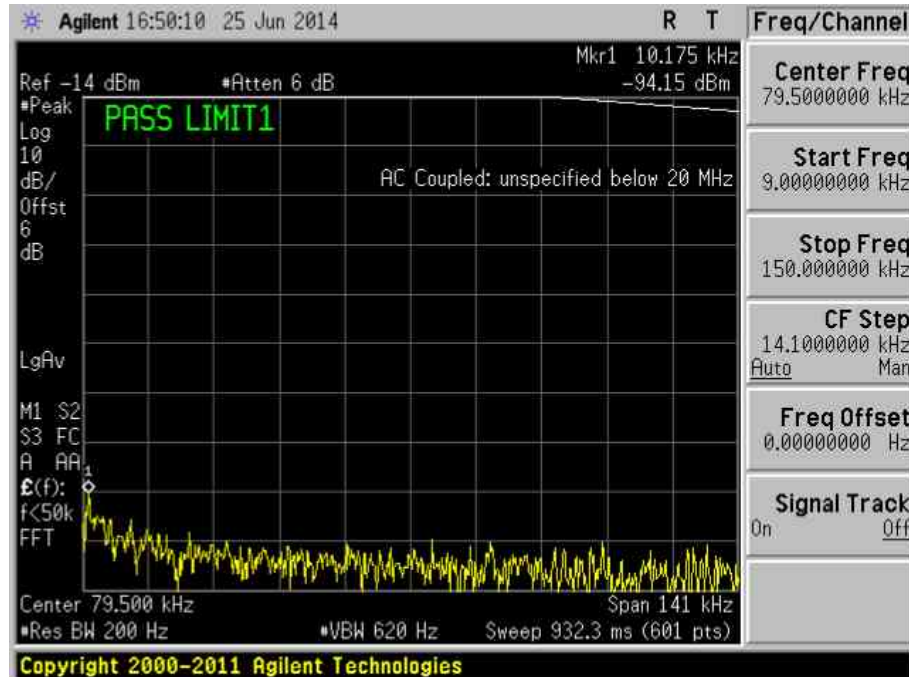
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



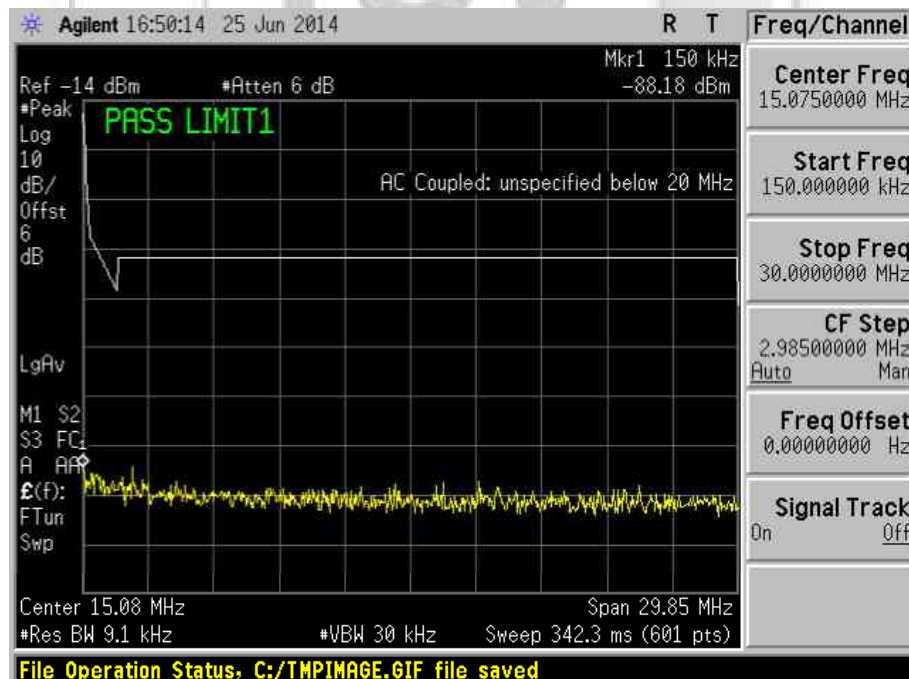
Plot 1494 – Channel 1 (lower ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



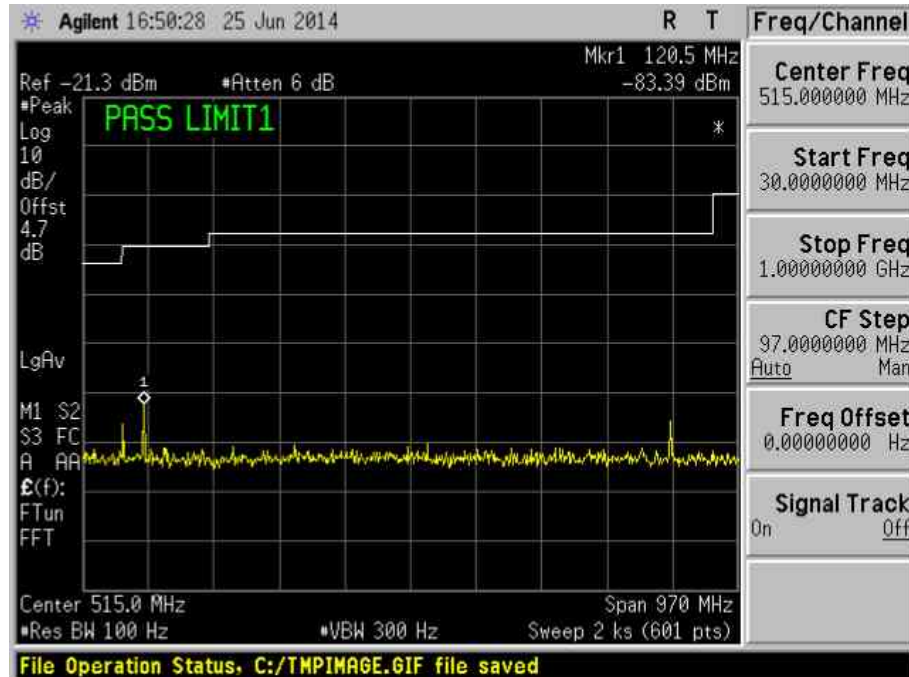
Plot 1495 – Channel 1 (lower ch) @ DQPSK 2Mbps



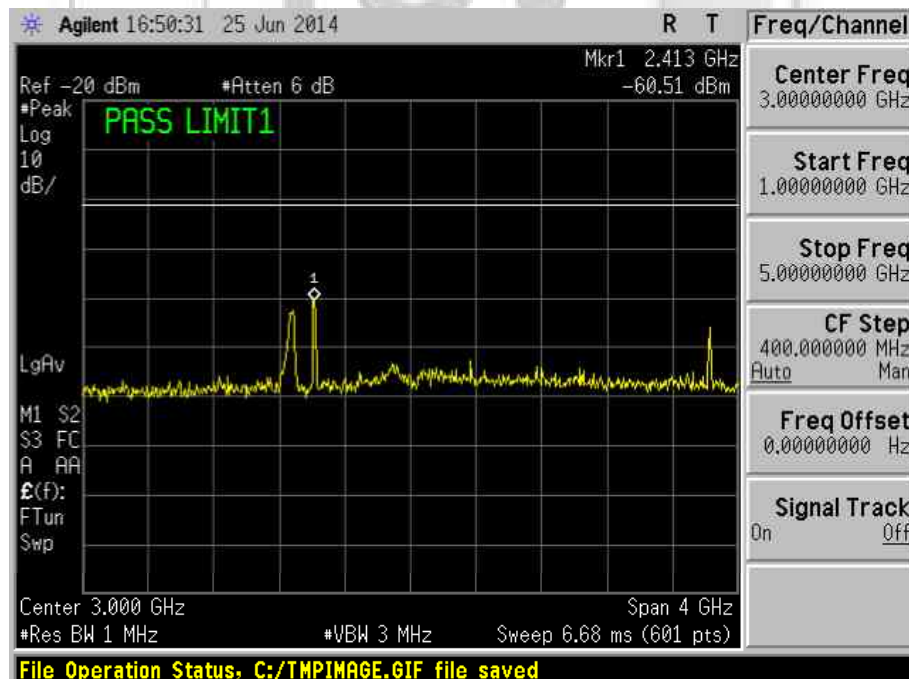
Plot 1496 – Channel 1 (lower ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



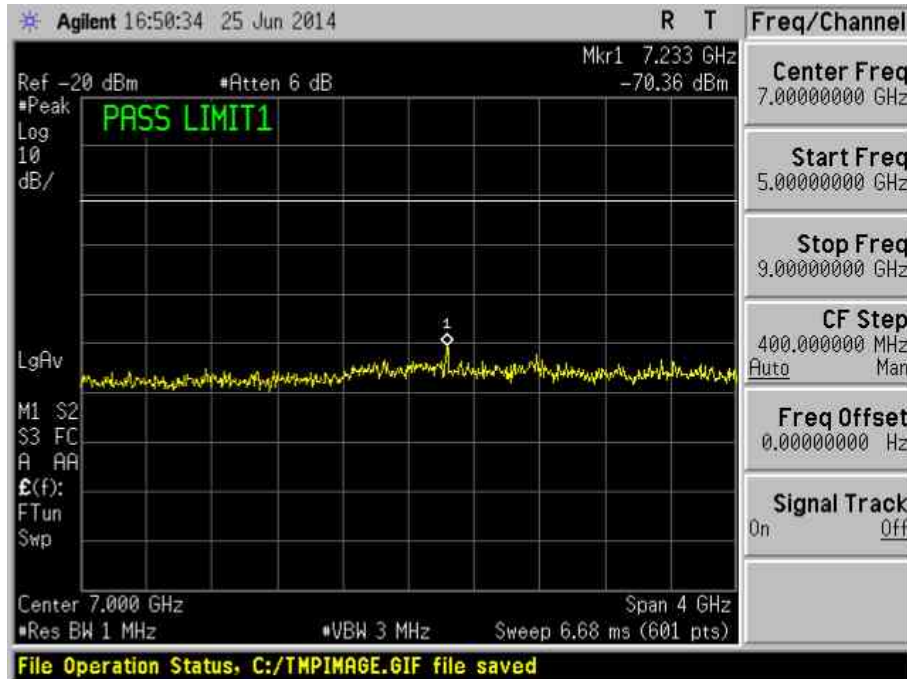
Plot 1497 – Channel 1 (lower ch) @ DQPSK 2Mbps



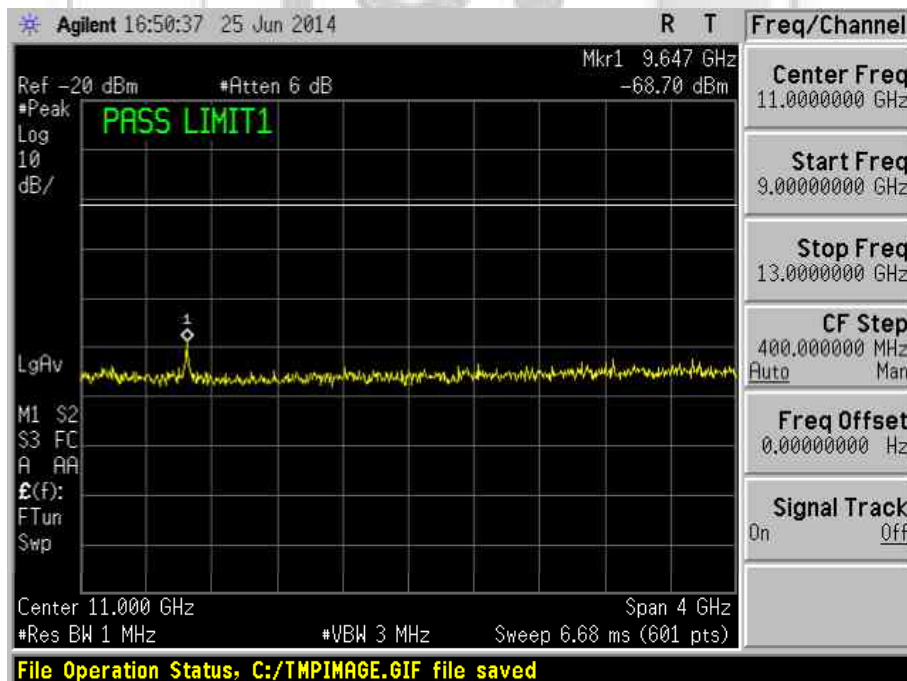
Plot 1498 – Channel 1 (lower ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



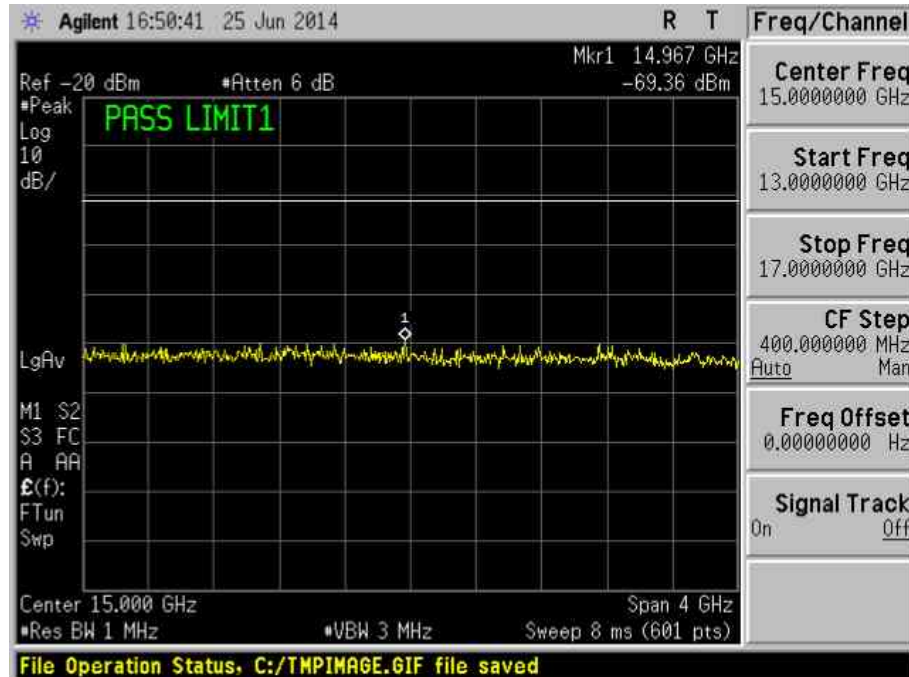
Plot 1499 – Channel 1 (lower ch) @ DQPSK 2Mbps



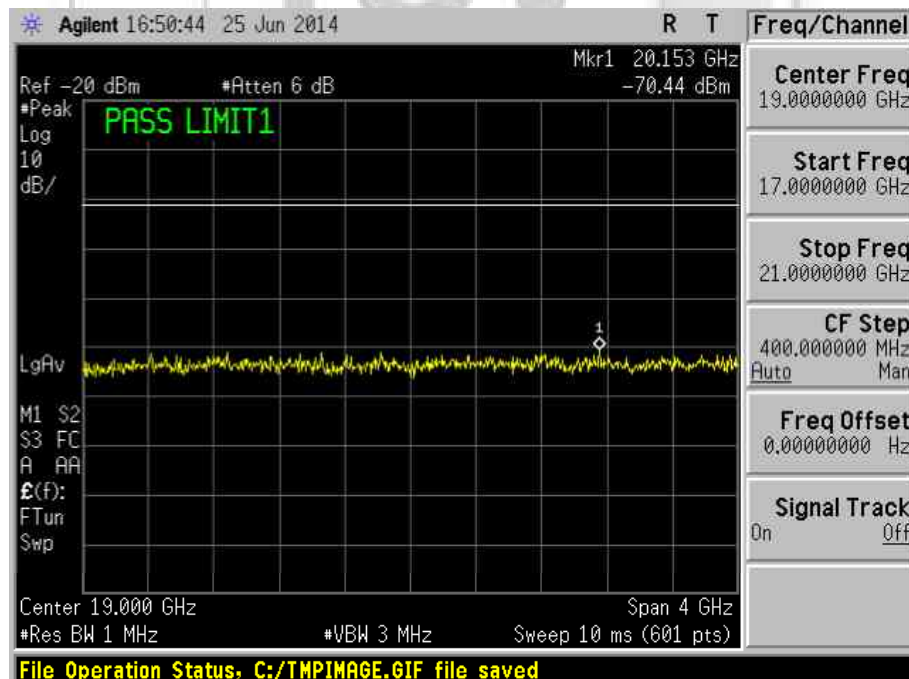
Plot 1500 – Channel 1 (lower ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



Plot 1501 – Channel 1 (lower ch) @ DQPSK 2Mbps

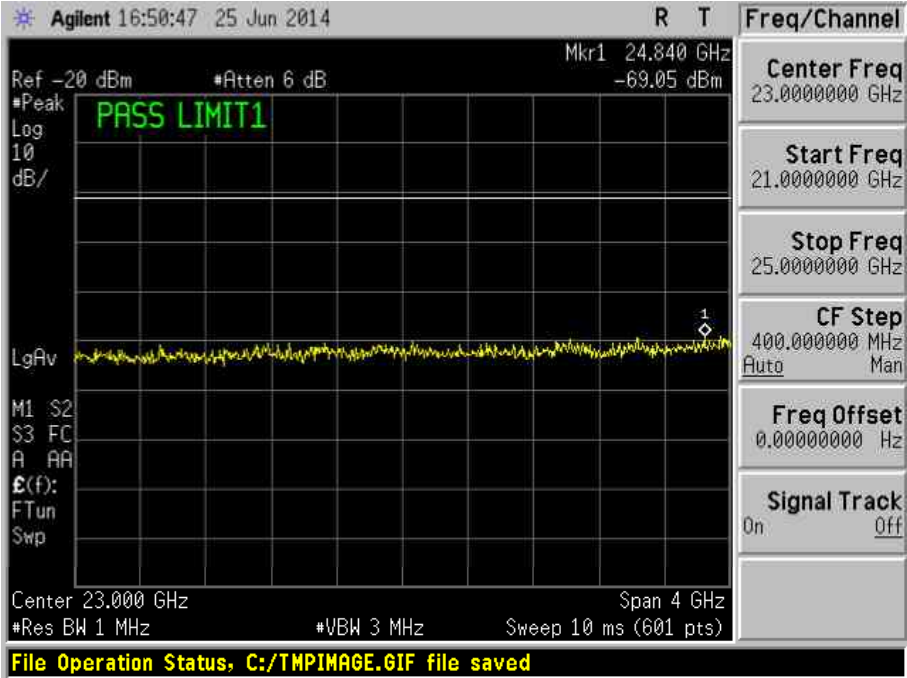


Plot 1502 – Channel 1 (lower ch) @ DQPSK 2Mbps



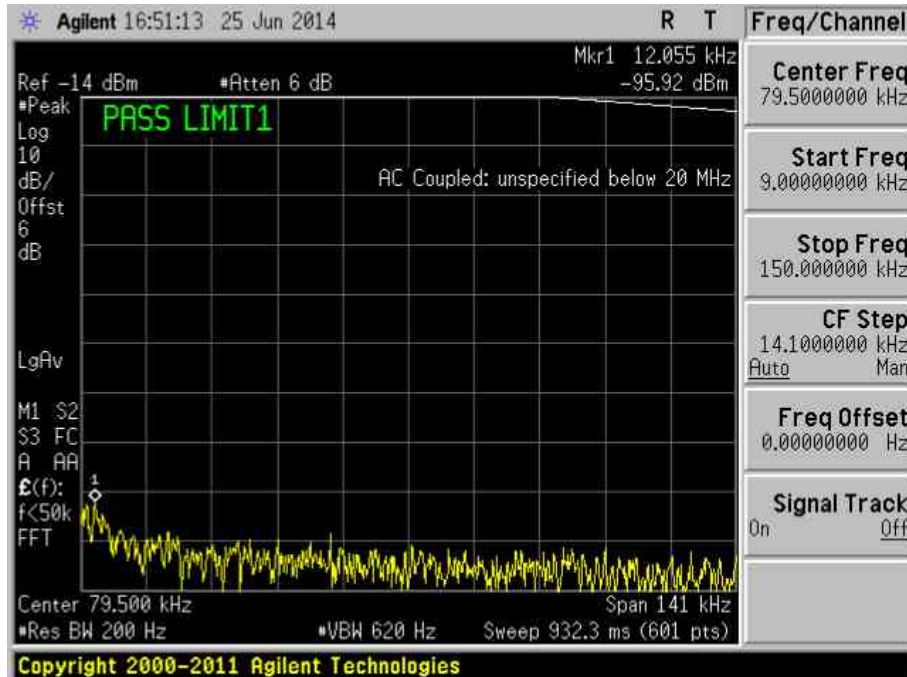
RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b

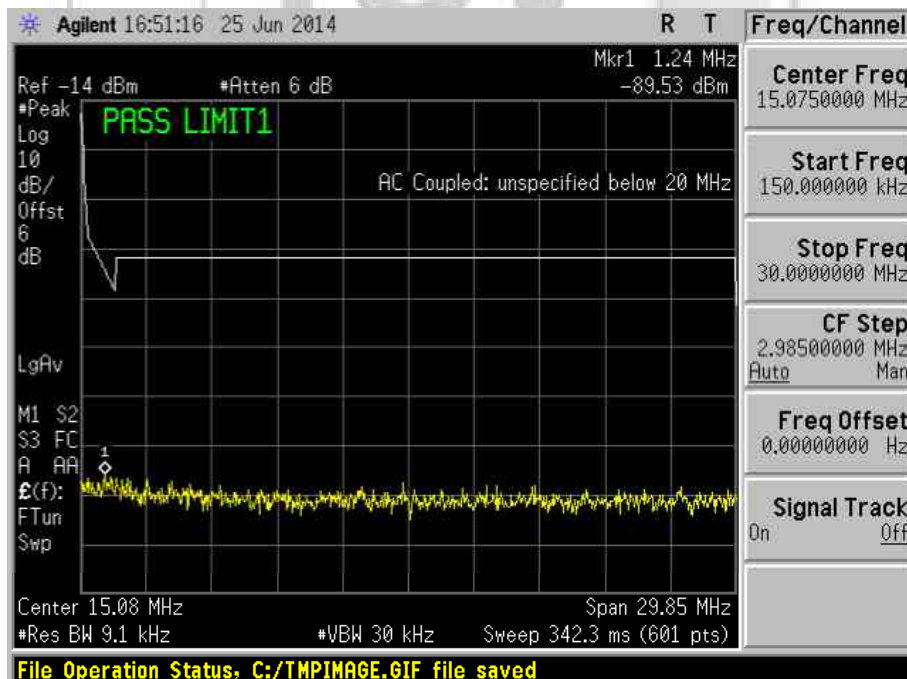


RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



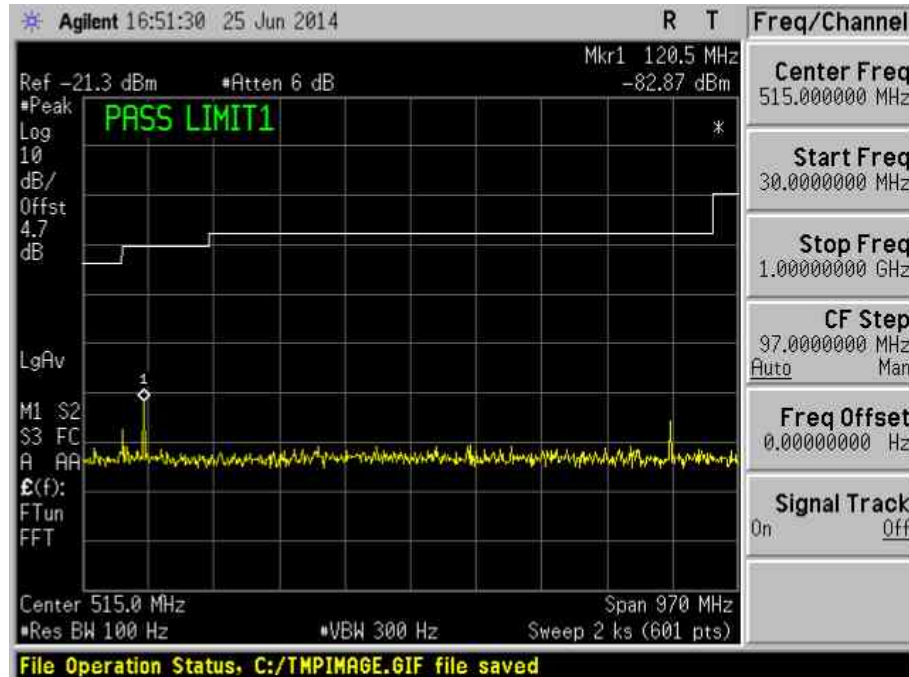
Plot 1504 – Channel 1 (lower ch) @ CCK 11Mbps



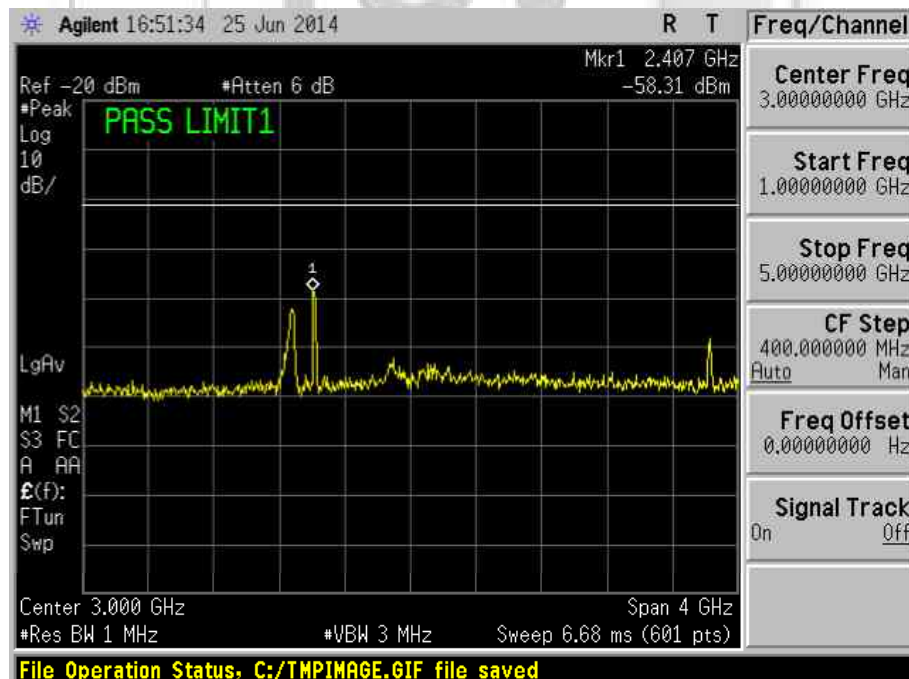
Plot 1505 – Channel 1 (lower ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



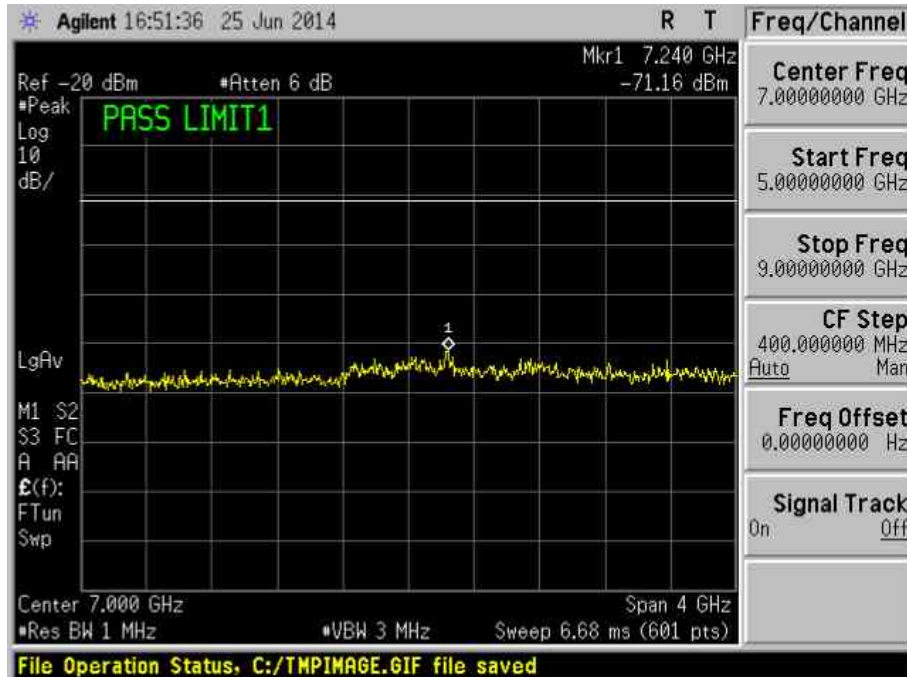
Plot 1506 – Channel 1 (lower ch) @ CCK 11Mbps



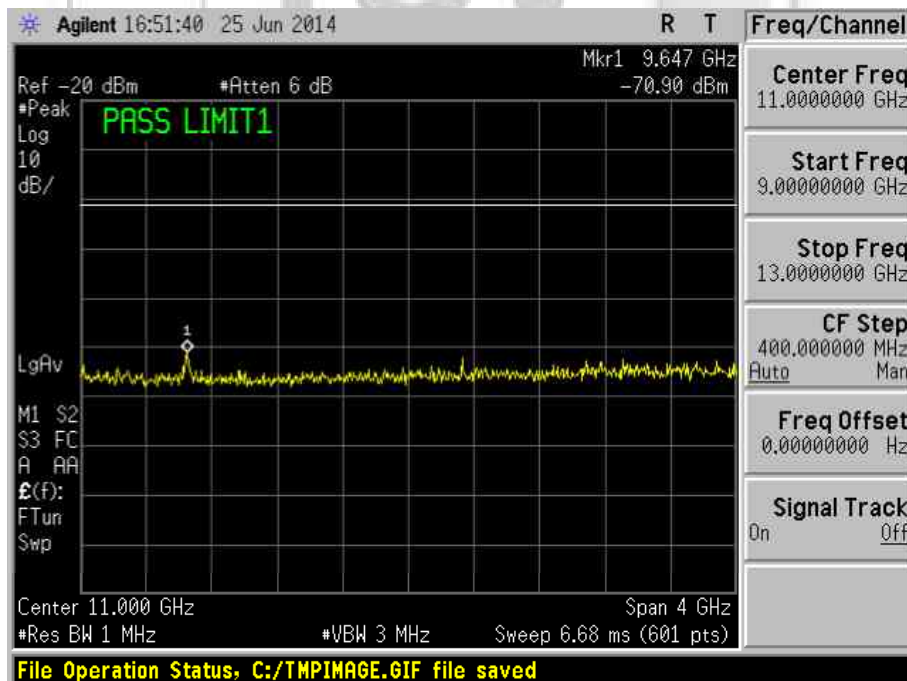
Plot 1507 – Channel 1 (lower ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



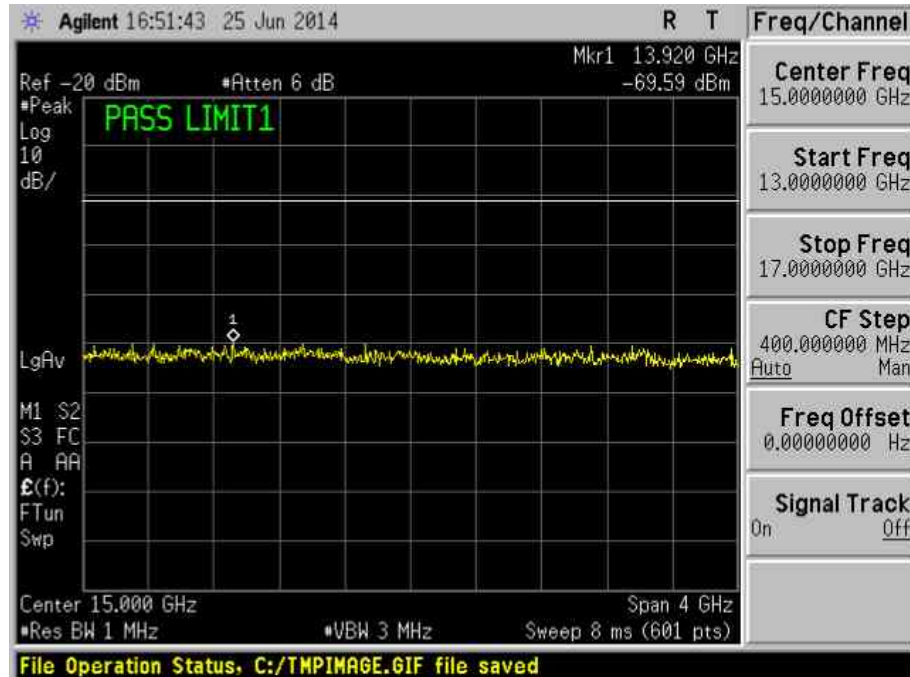
Plot 1508 – Channel 1 (lower ch) @ CCK 11Mbps



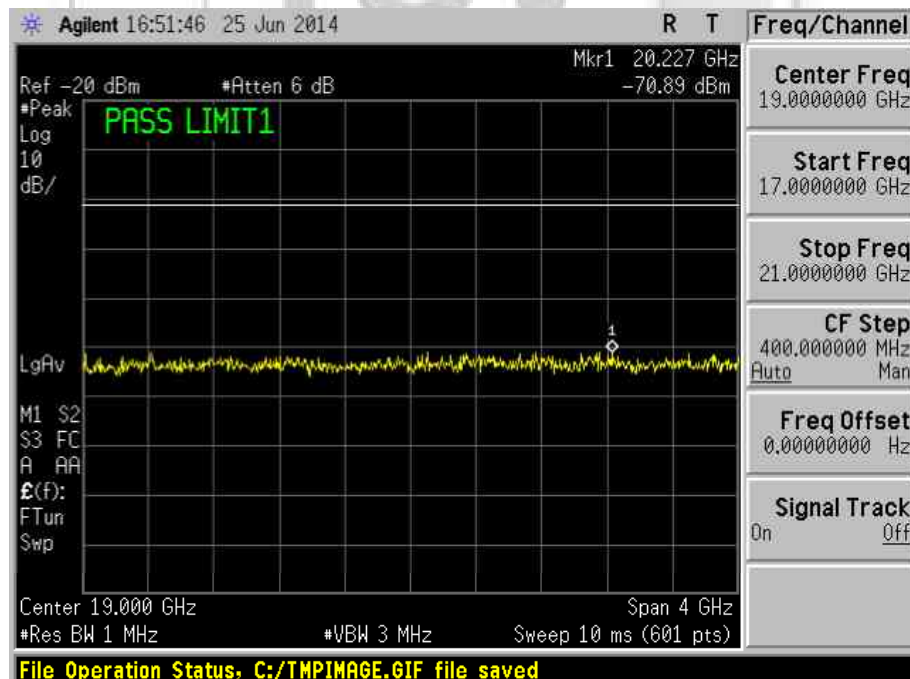
Plot 1509 – Channel 1 (lower ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



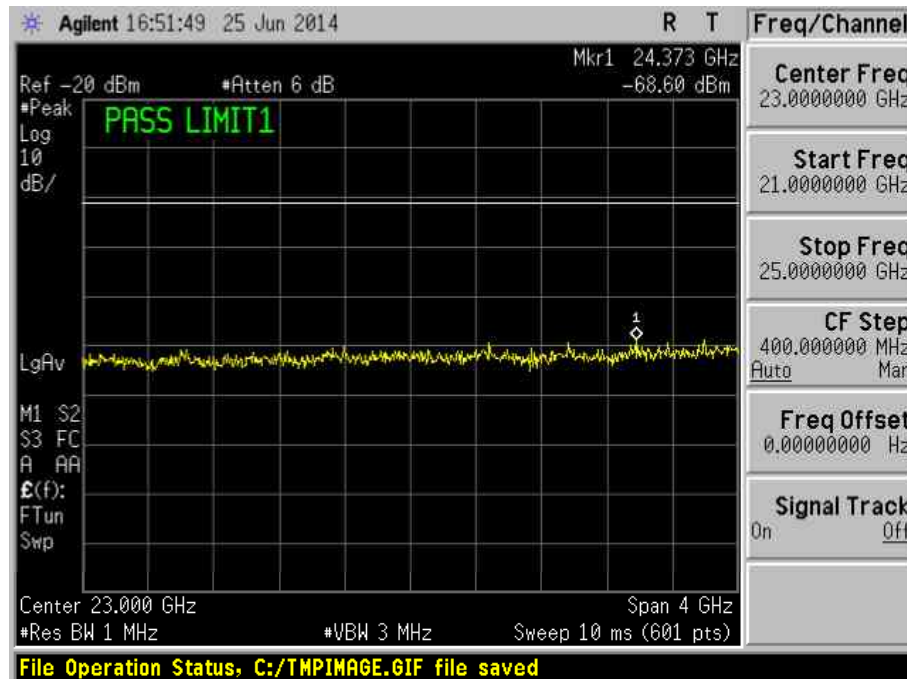
Plot 1510 – Channel 1 (lower ch) @ CCK 11Mbps



Plot 1511 – Channel 1 (lower ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

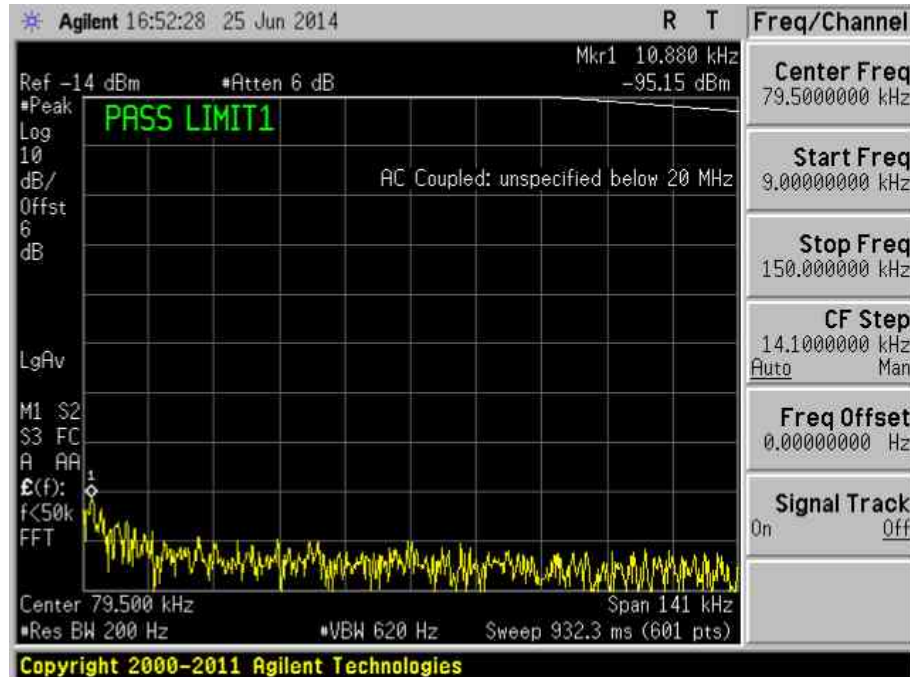
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



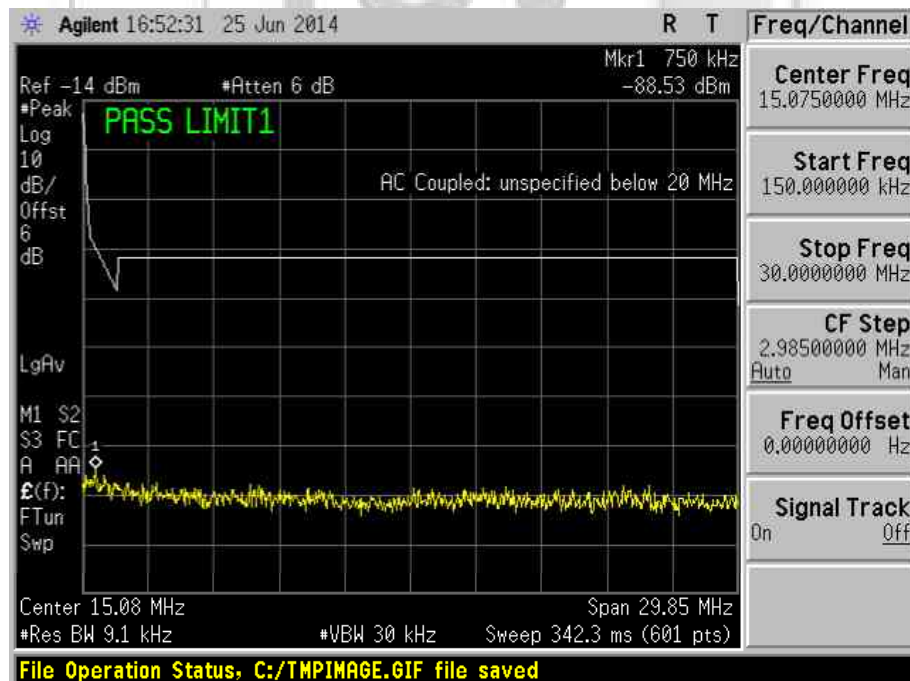
Plot 1512 – Channel 1 (lower ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



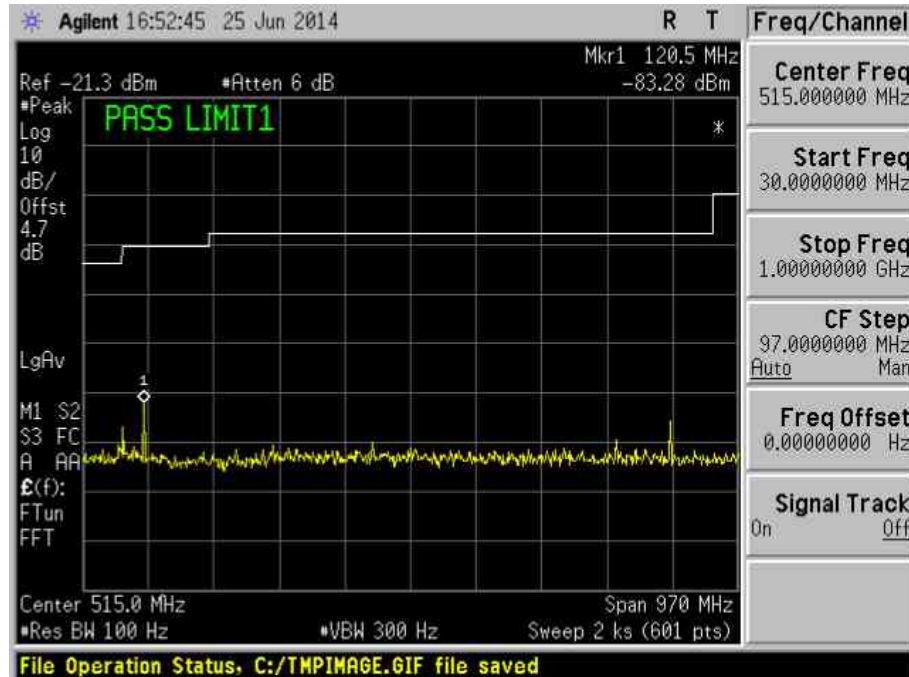
Plot 1513 – Channel 6 (middle ch) @ DBPSK 1Mbps



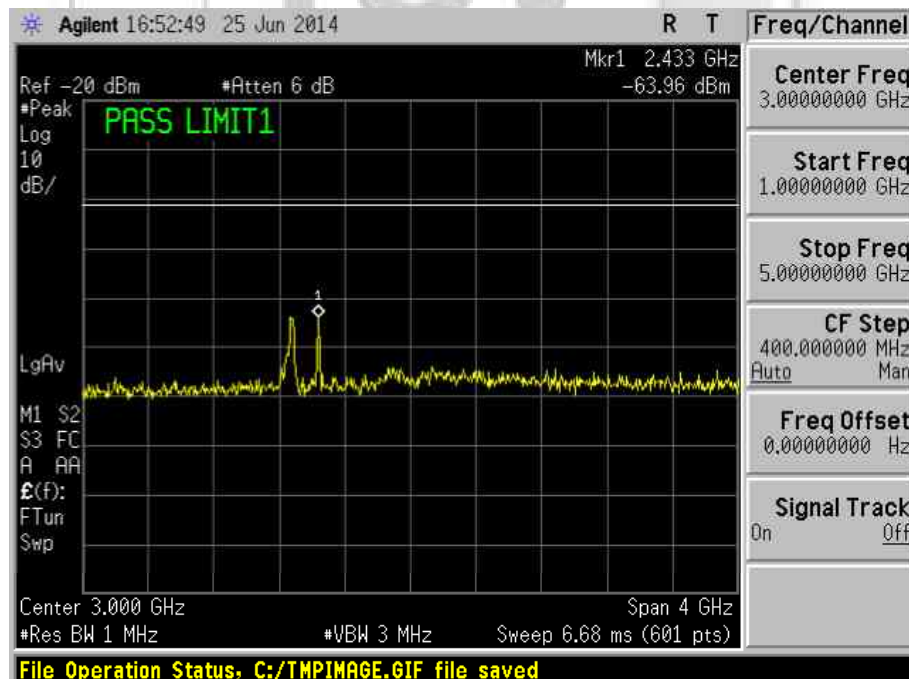
Plot 1514 – Channel 6 (middle ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



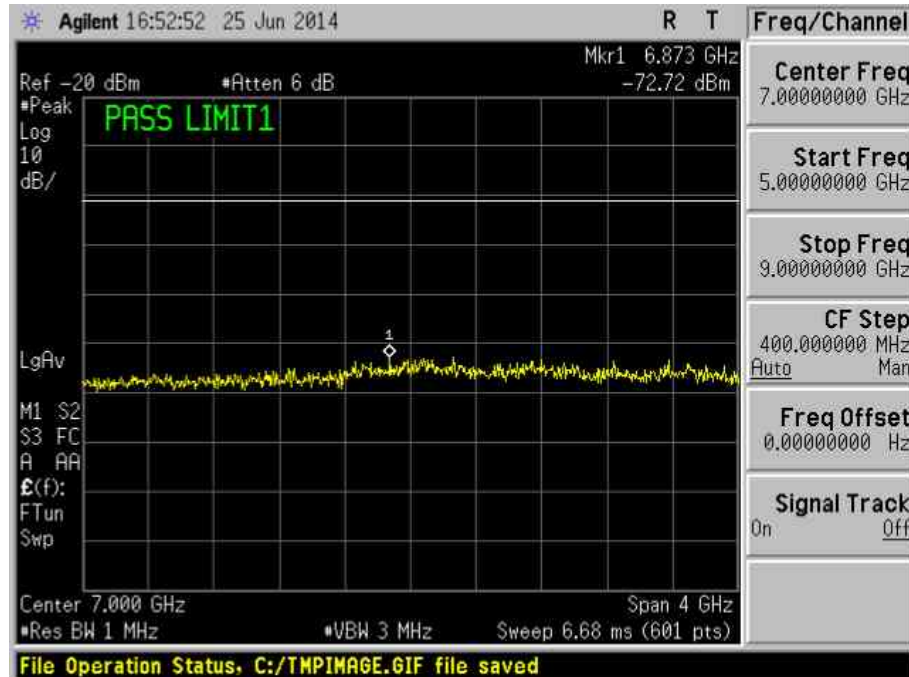
Plot 1515 – Channel 6 (middle ch) @ DBPSK 1Mbps



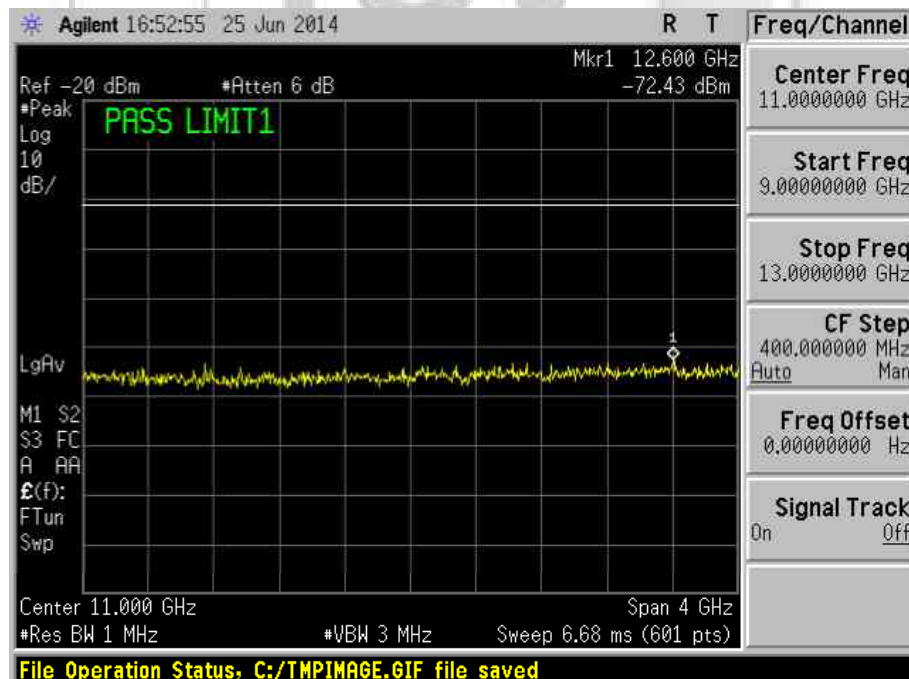
Plot 1516 – Channel 6 (middle ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



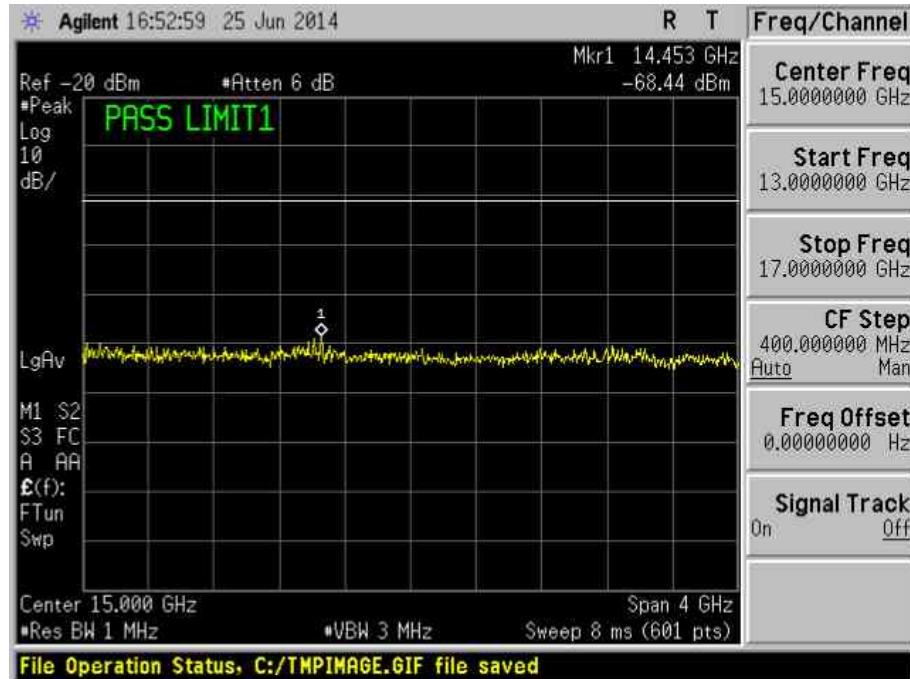
Plot 1517 – Channel 6 (middle ch) @ DBPSK 1Mbps



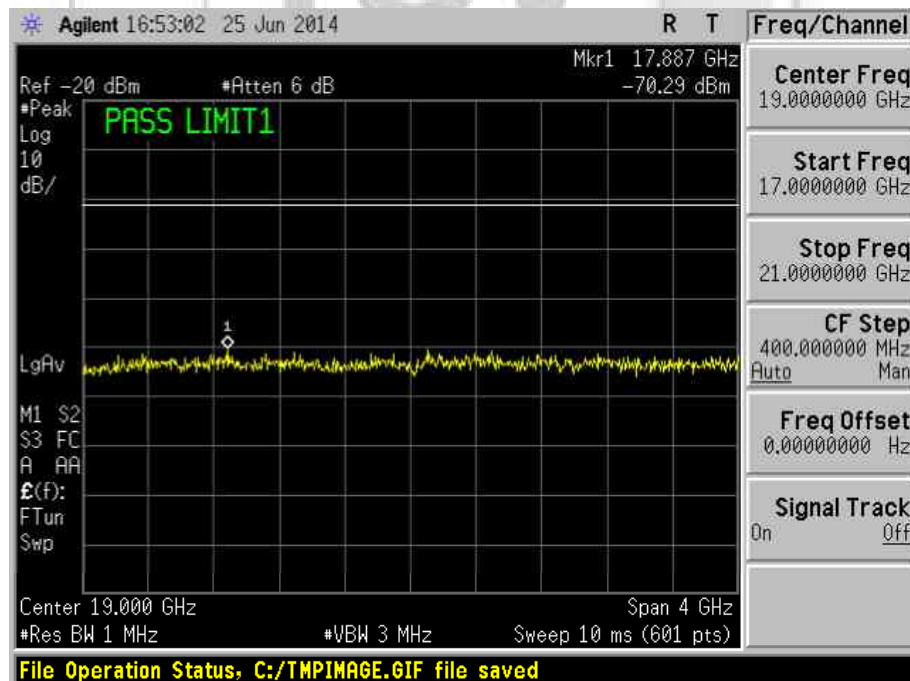
Plot 1518 – Channel 6 (middle ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



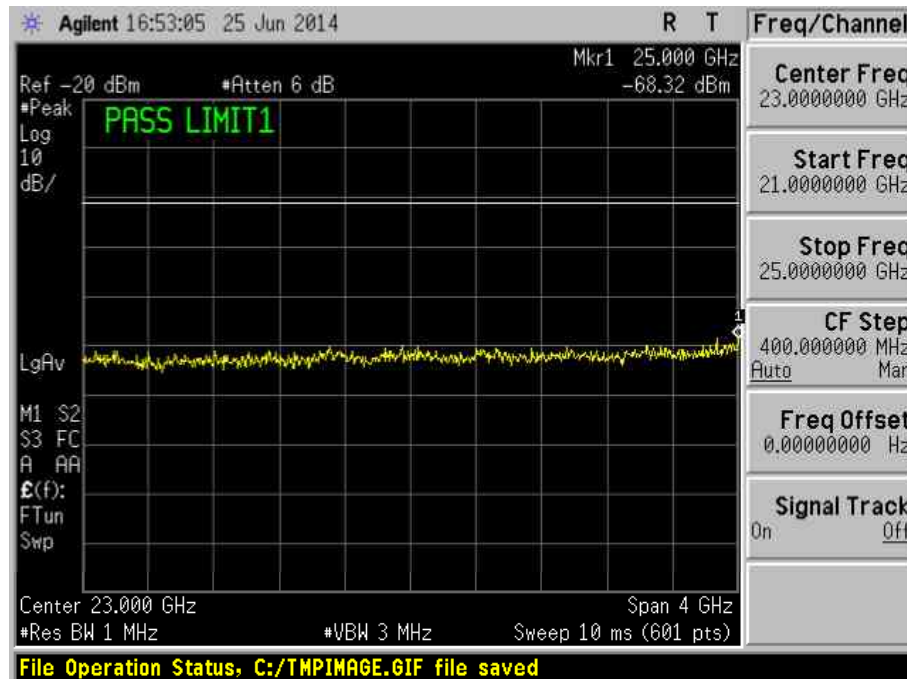
Plot 1519 – Channel 6 (middle ch) @ DBPSK 1Mbps



Plot 1520 – Channel 6 (middle ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

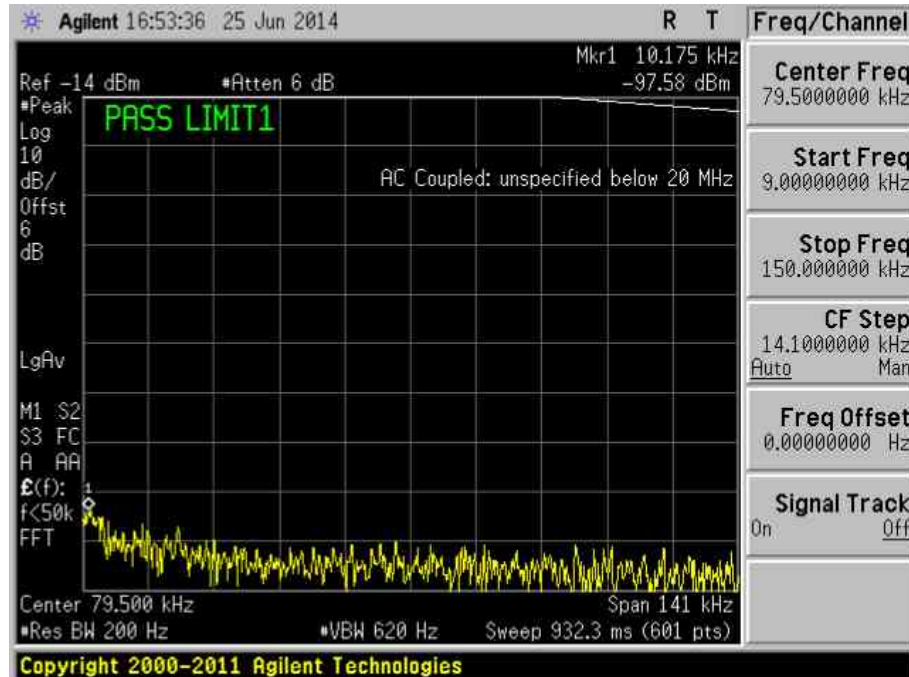
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



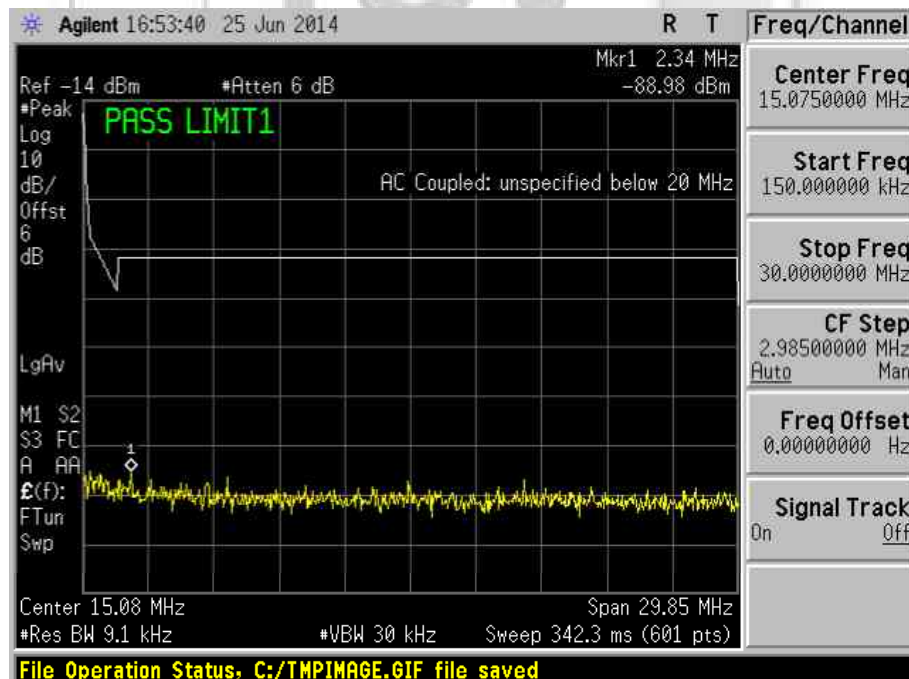
Plot 1521 – Channel 1 (lower ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



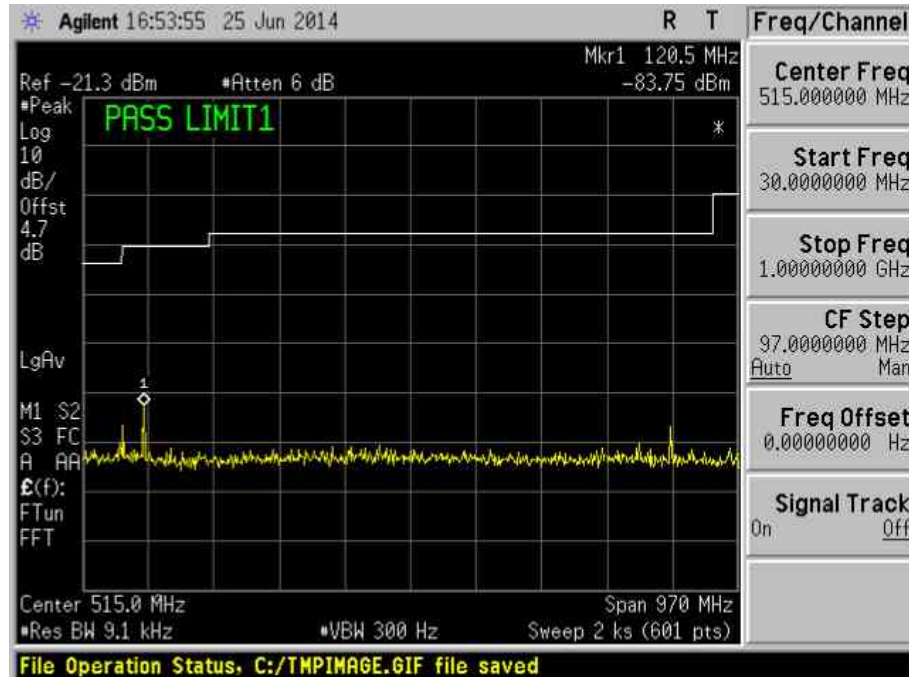
Plot 1522 – Channel 6 (middle ch) @ DQPSK 2Mbps



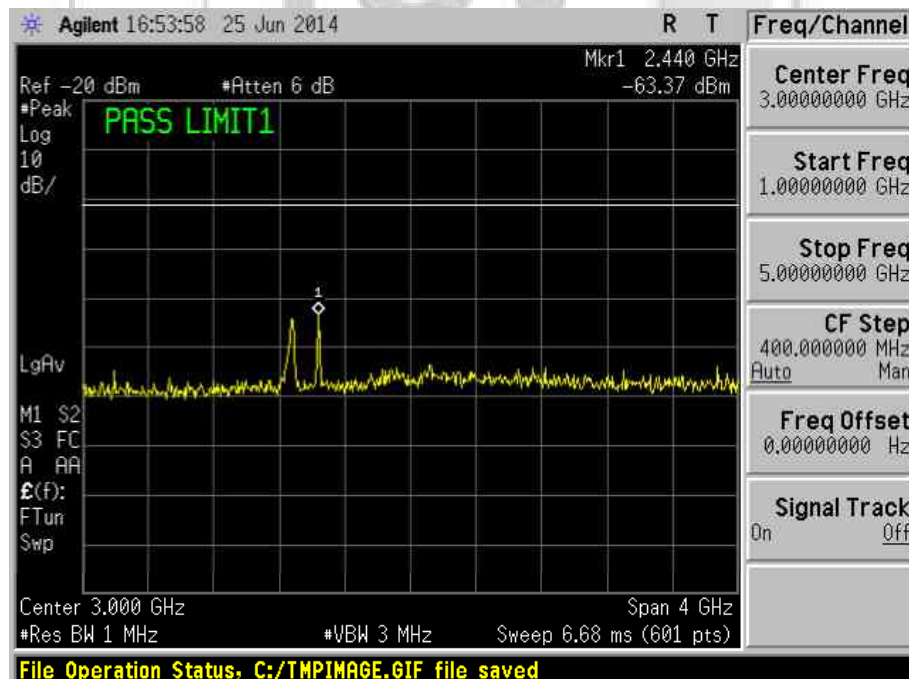
Plot 1523 – Channel 6 (middle ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



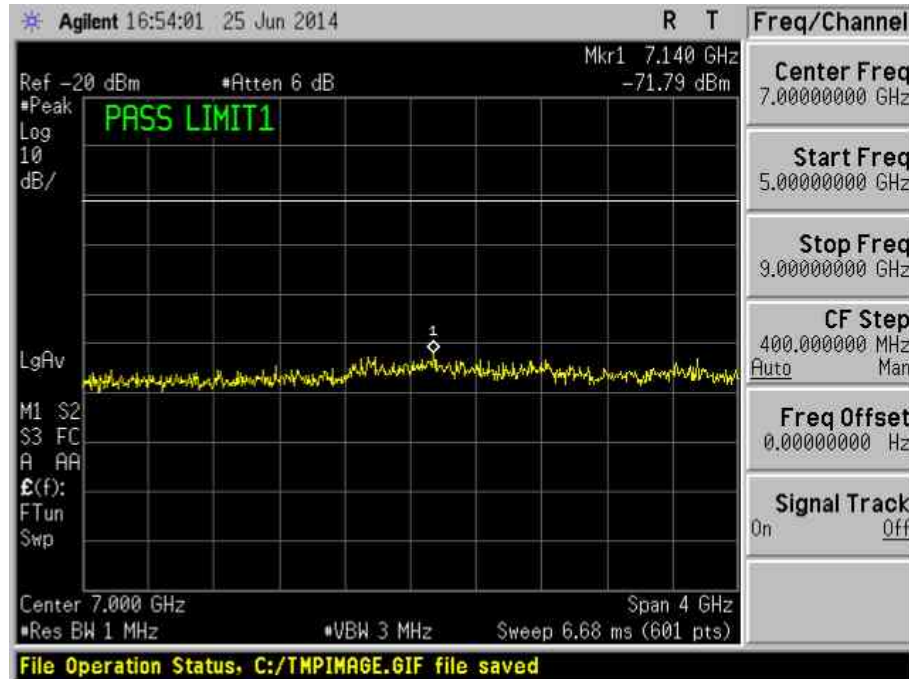
Plot 1524 – Channel 6 (middle ch) @ DQPSK 2Mbps



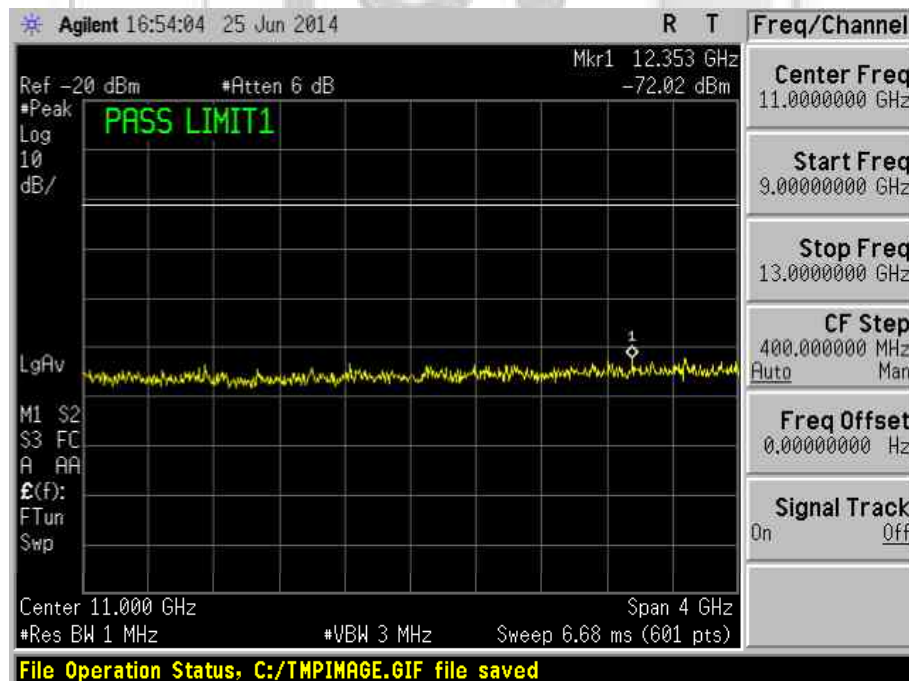
Plot 1525 – Channel 6 (middle ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



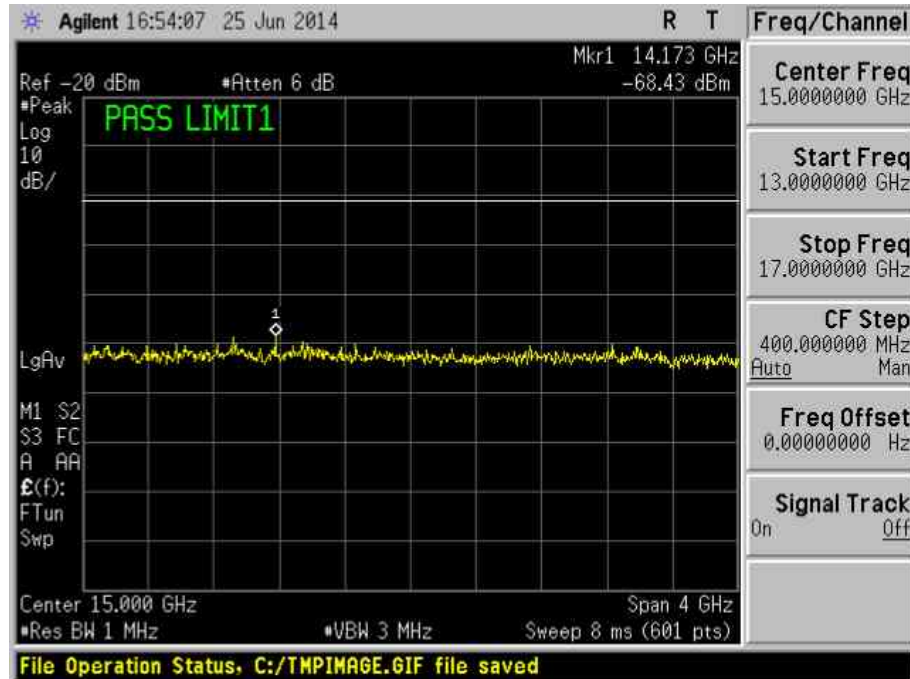
Plot 1526 – Channel 6 (middle ch) @ DQPSK 2Mbps



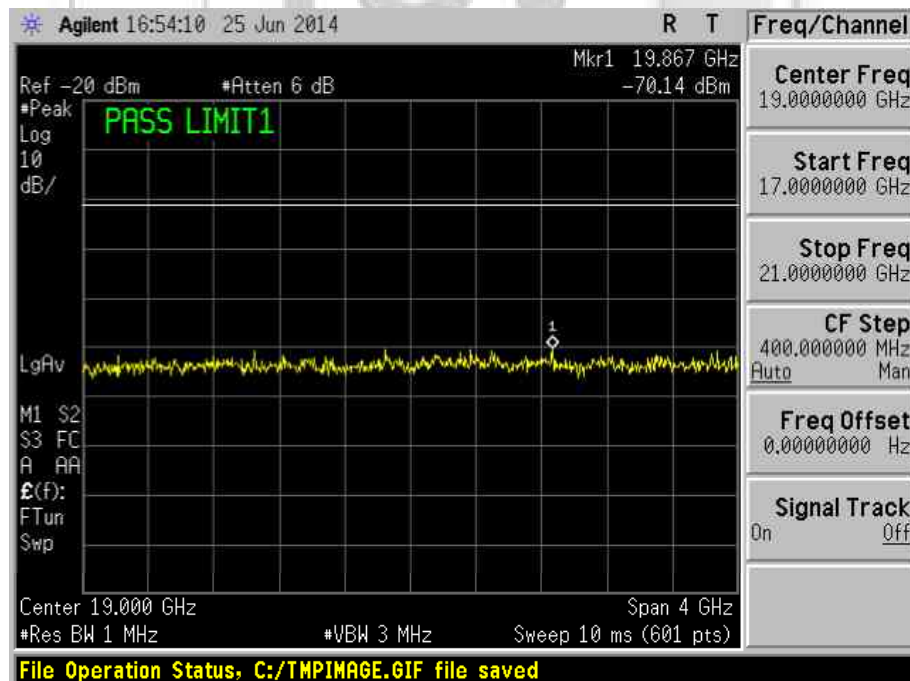
Plot 1527 – Channel 6 (middle ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



Plot 1528 – Channel 6 (middle ch) @ DQPSK 2Mbps

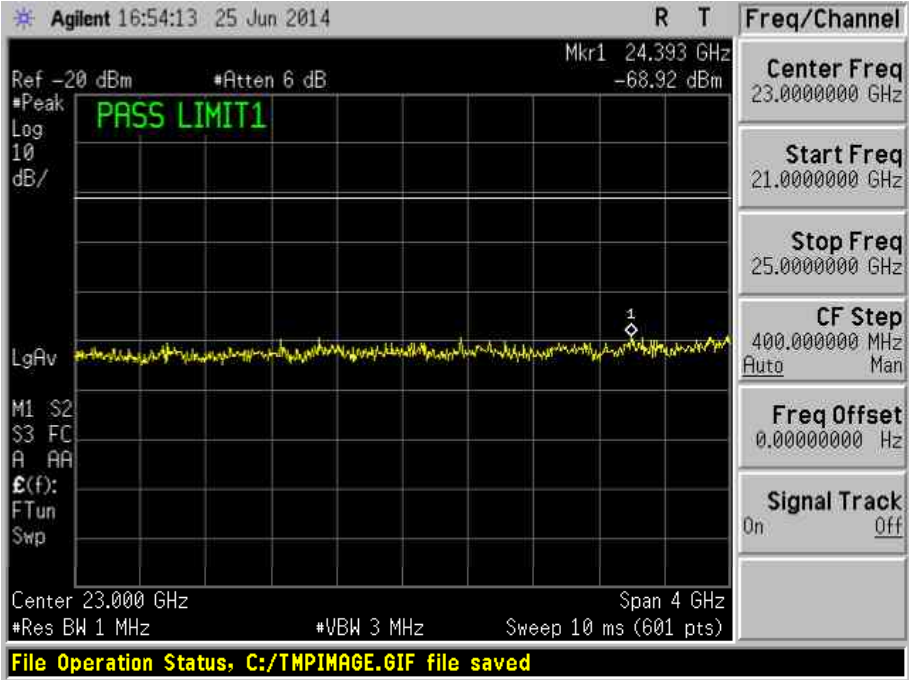


Plot 1529 – Channel 6 (middle ch) @ DQPSK 2Mbps



RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

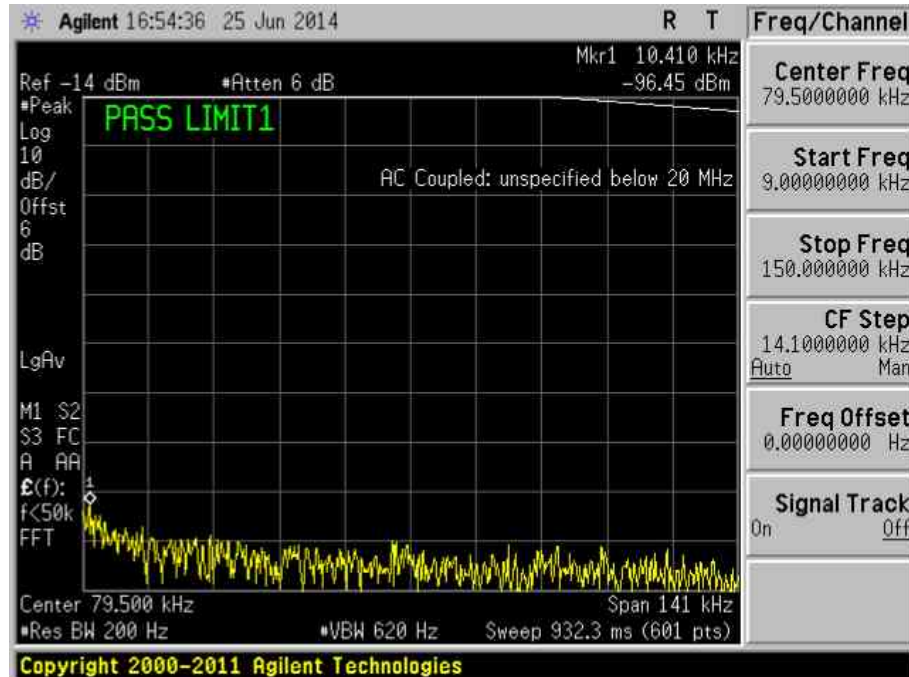
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



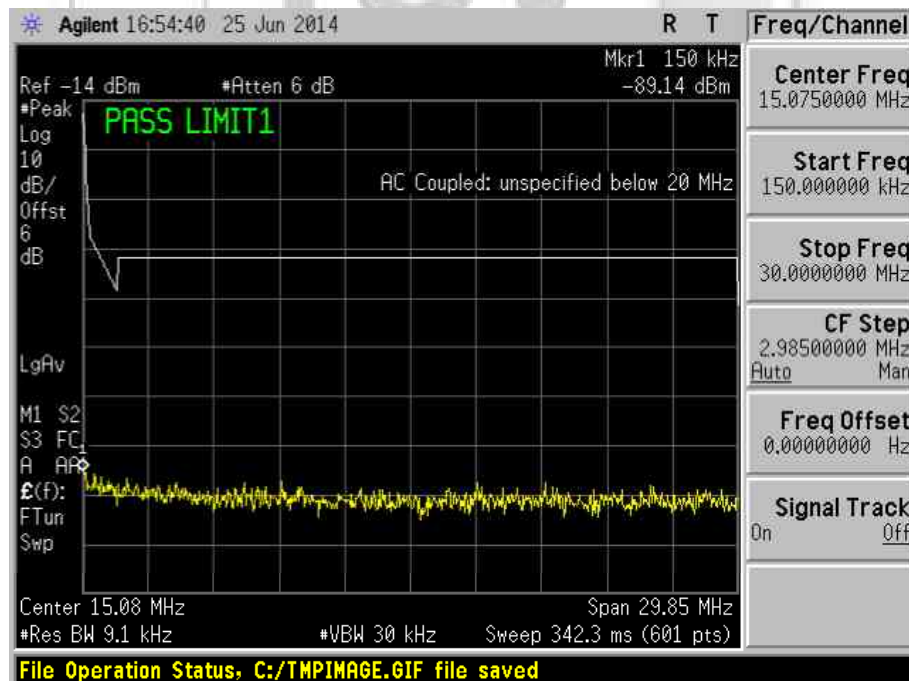
Plot 1530 – Channel 6 (middle ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



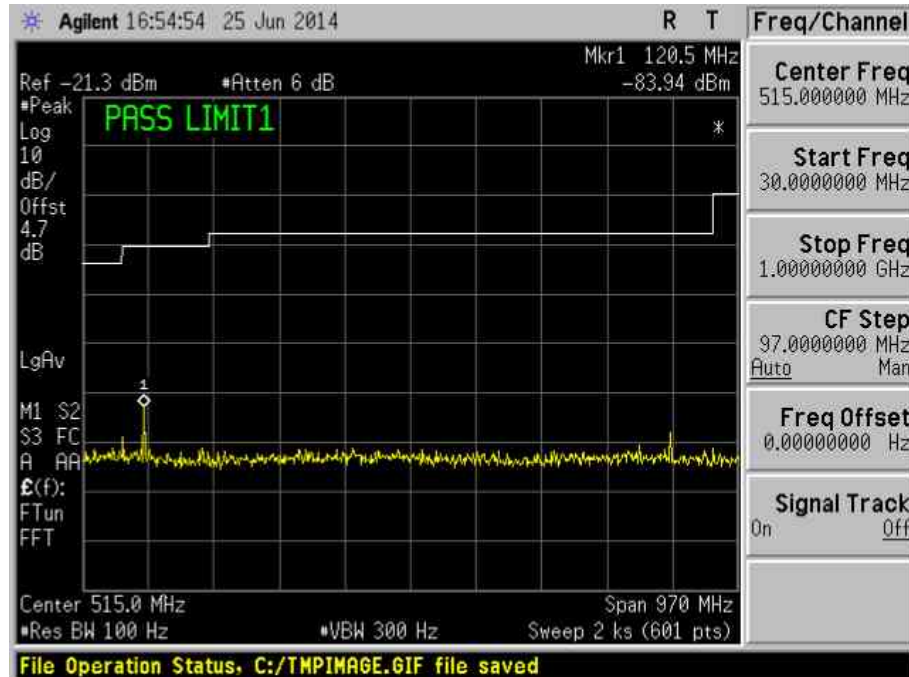
Plot 1531 – Channel 6 (middle ch) @ CCK 11Mbps



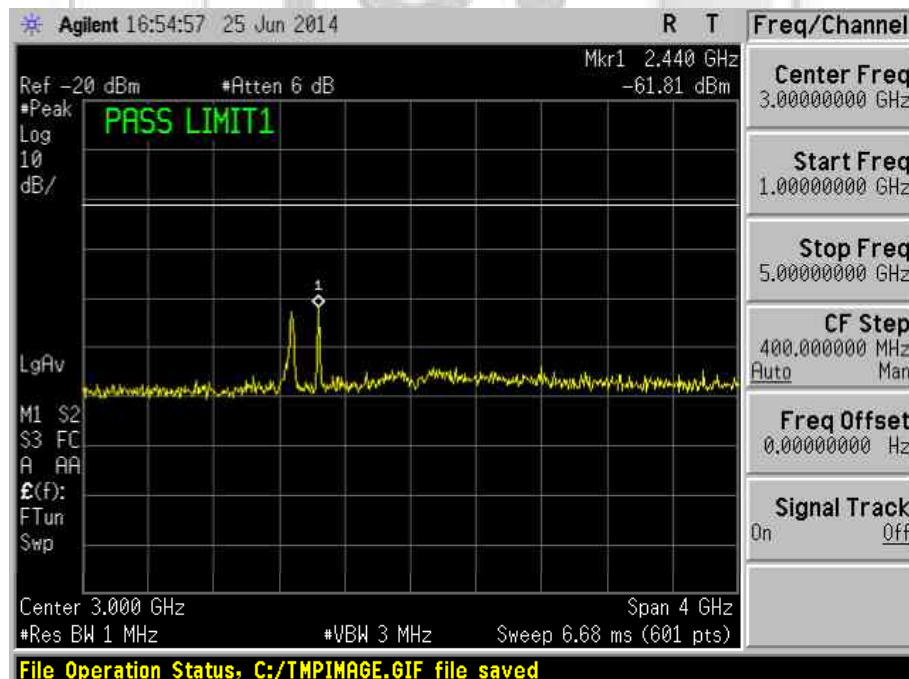
Plot 1532 – Channel 6 (middle ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



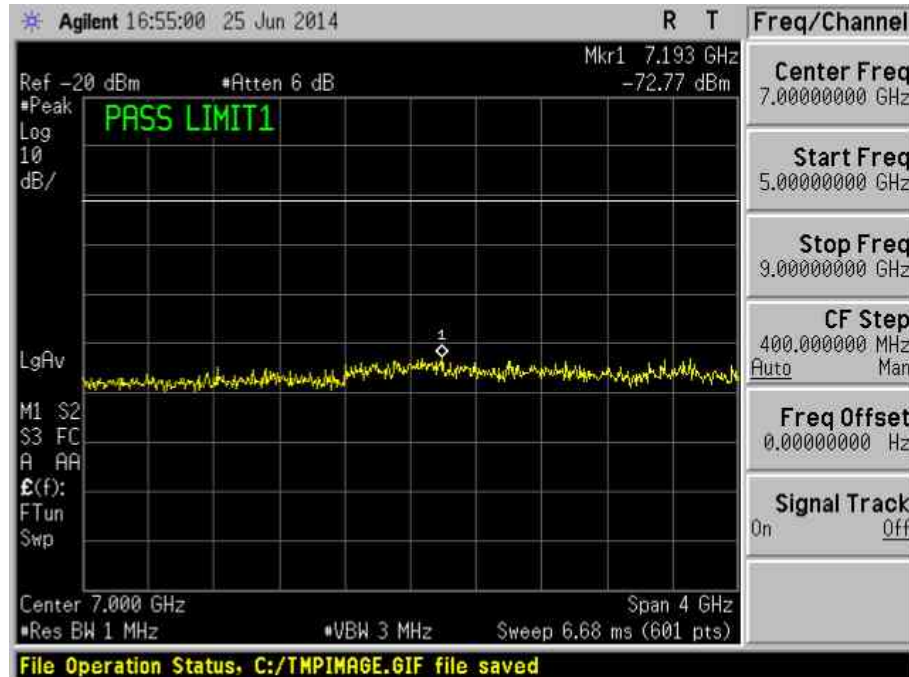
Plot 1533 – Channel 6 (middle ch) @ CCK 11Mbps



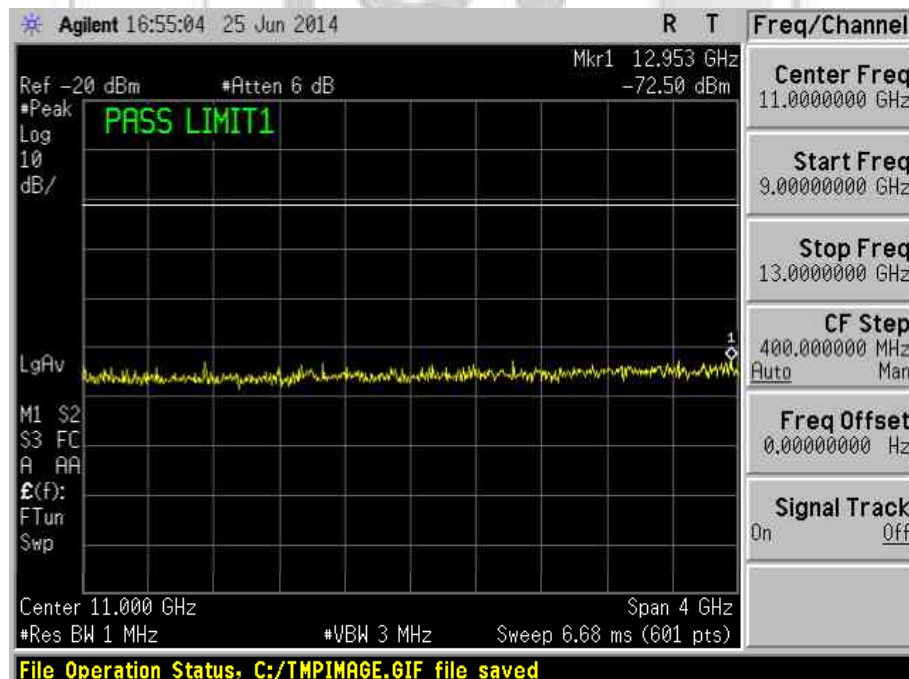
Plot 1534 – Channel 6 (middle ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



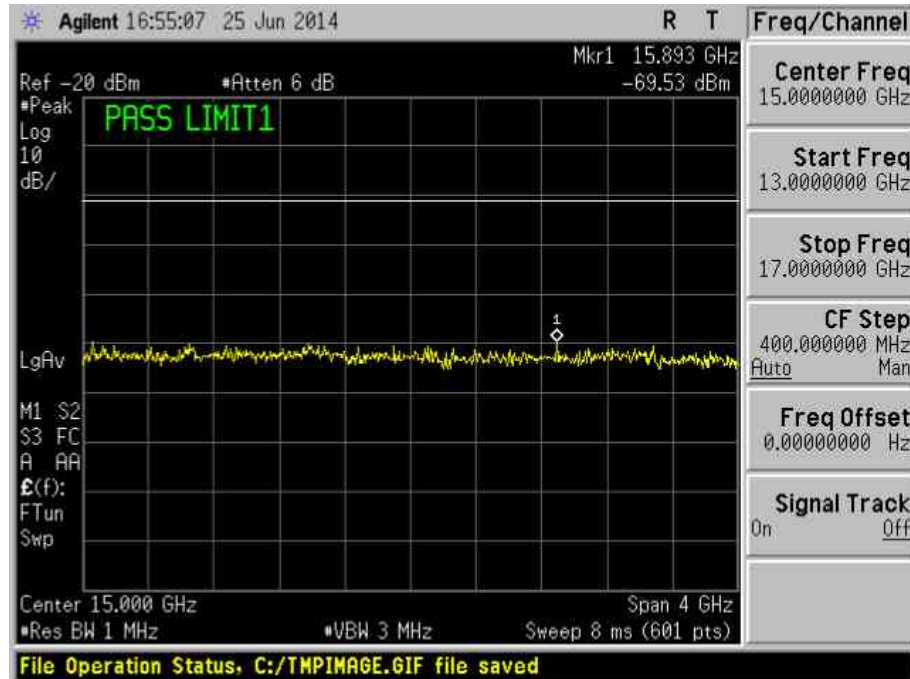
Plot 1535 – Channel 6 (middle ch) @ CCK 11Mbps



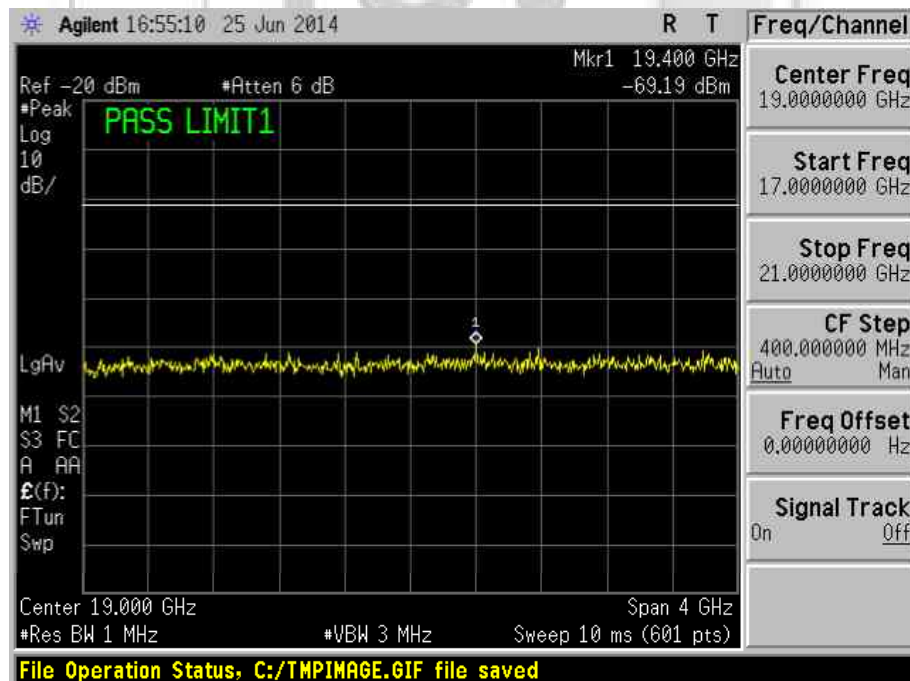
Plot 1536 – Channel 6 (middle ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



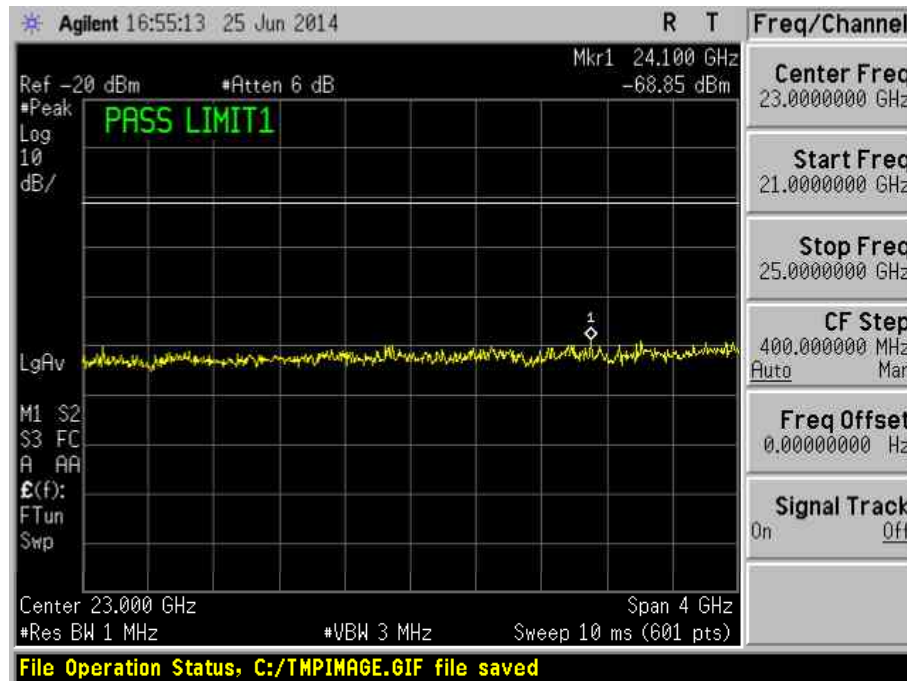
Plot 1537 – Channel 6 (middle ch) @ CCK 11Mbps



Plot 1538 – Channel 6 (middle ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

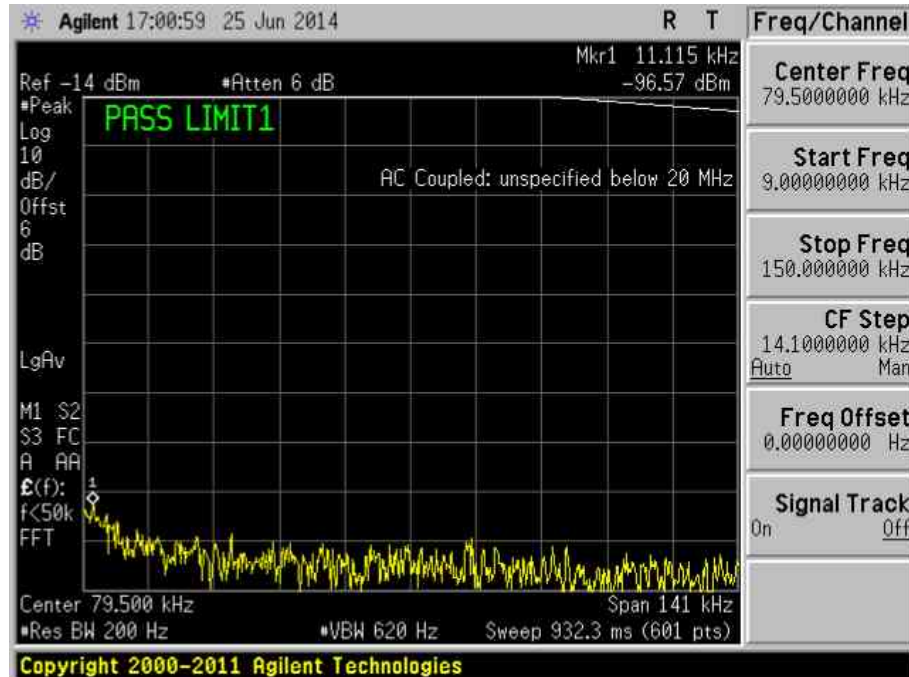
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



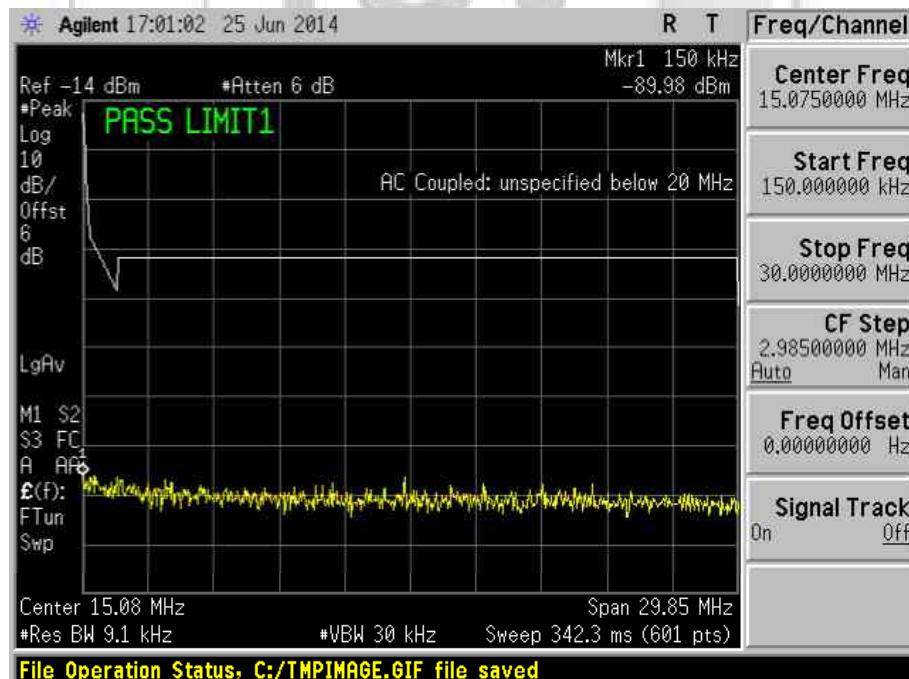
Plot 1539 – Channel 6 (middle ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



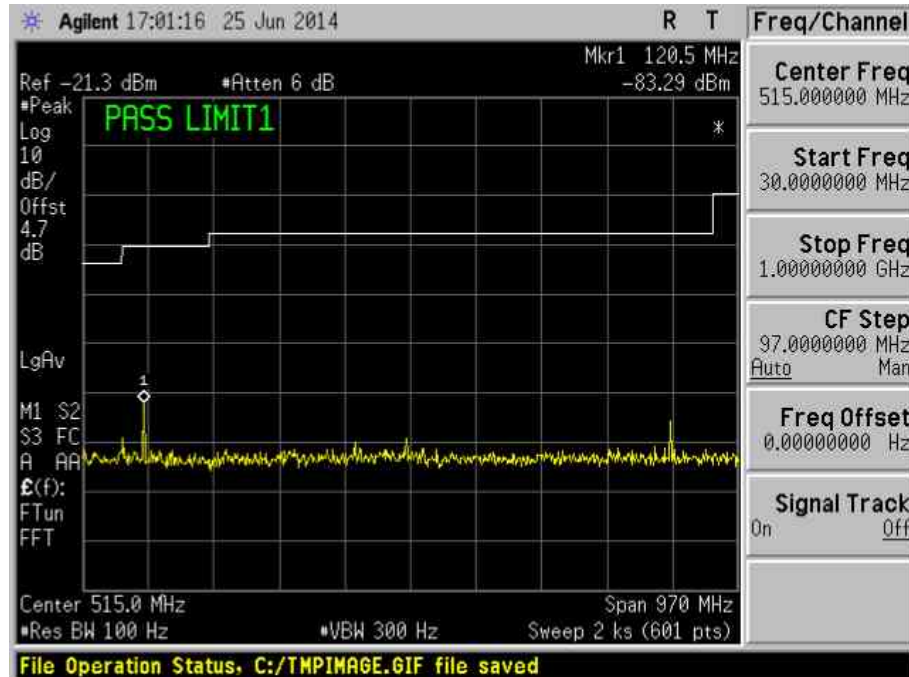
Plot 1540 – Channel 11 (upper ch) @ DBPSK 1Mbps



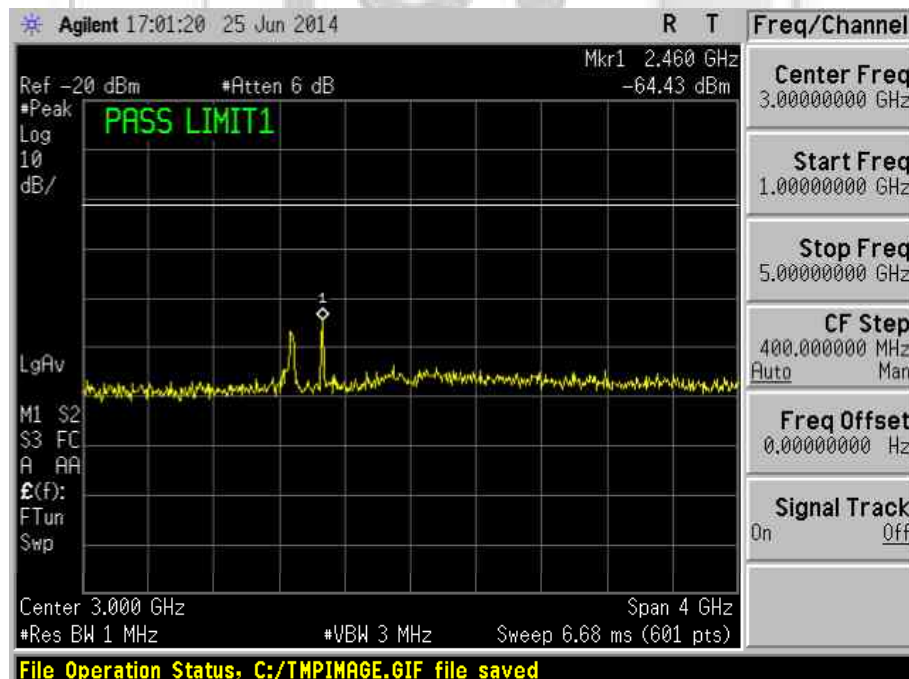
Plot 1541 – Channel 11 (upper ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



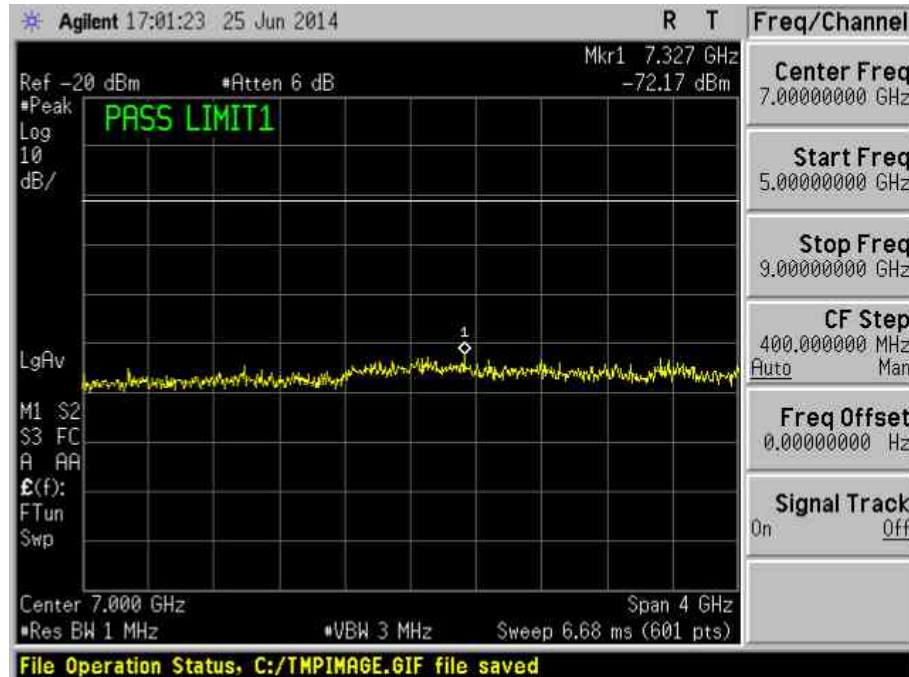
Plot 1542 – Channel 11 (upper ch) @ DBPSK 1Mbps



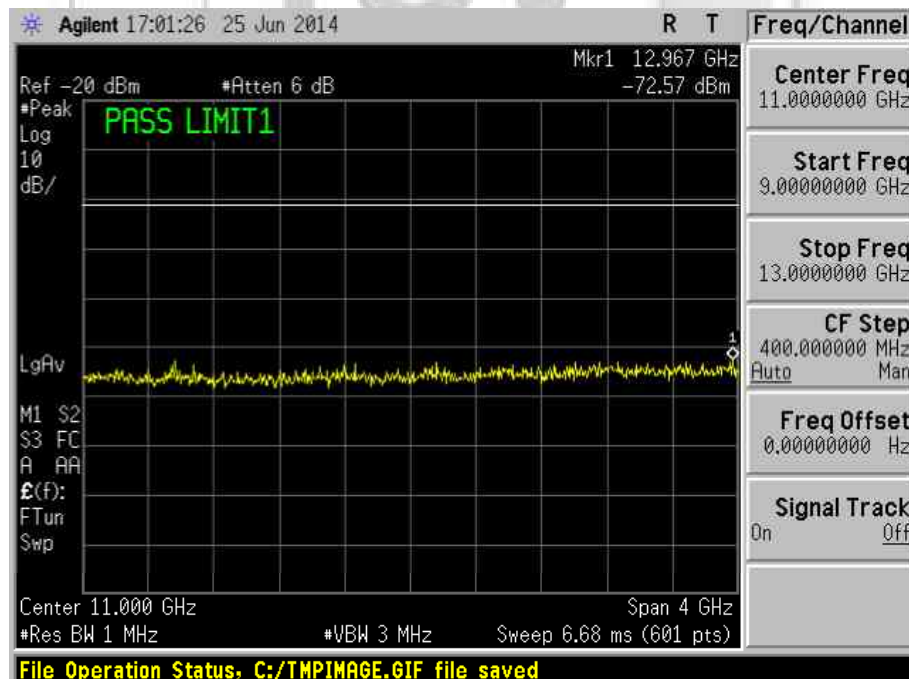
Plot 1543 – Channel 11 (upper ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



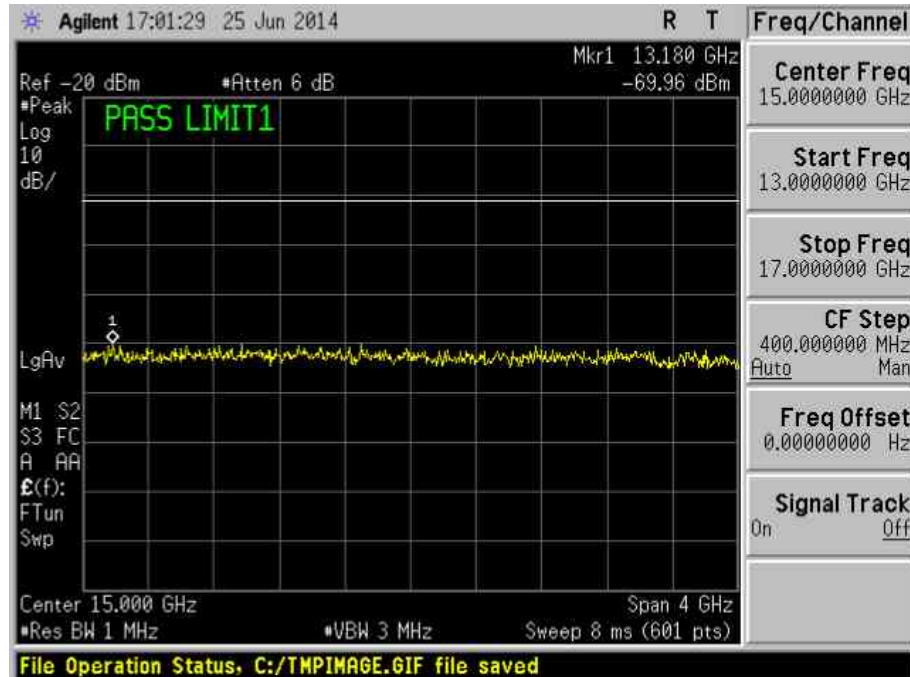
Plot 1544 – Channel 11 (upper ch) @ DBPSK 1Mbps



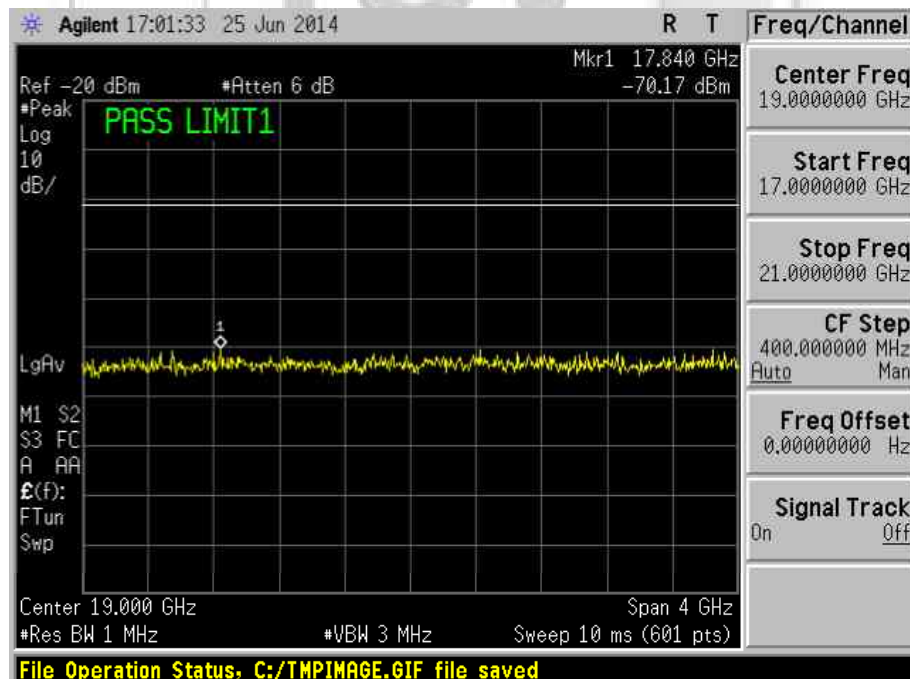
Plot 1545 – Channel 11 (upper ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



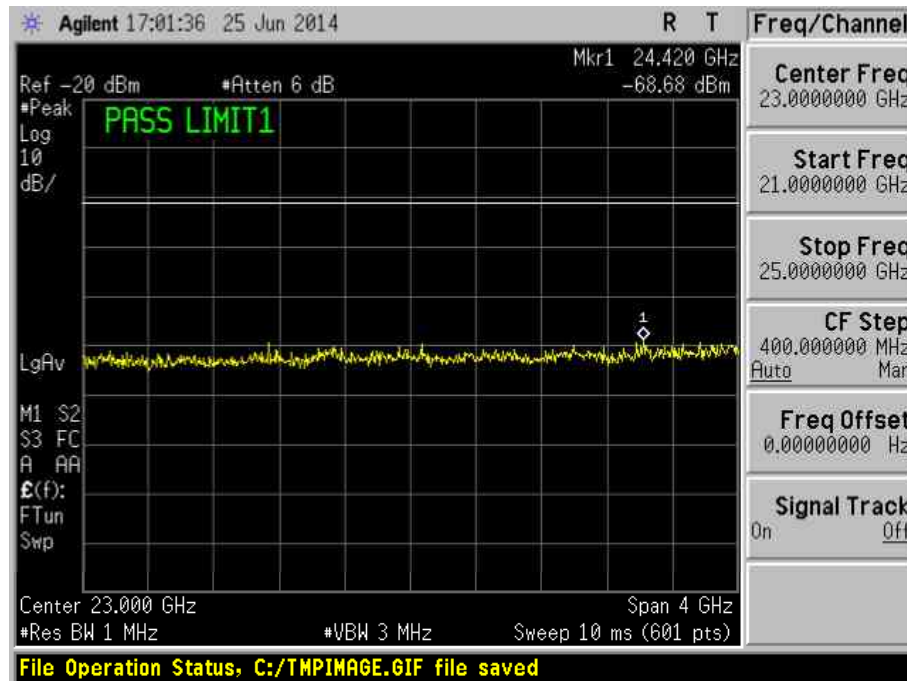
Plot 1546 – Channel 11 (upper ch) @ DBPSK 1Mbps



Plot 1547 – Channel 11 (upper ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

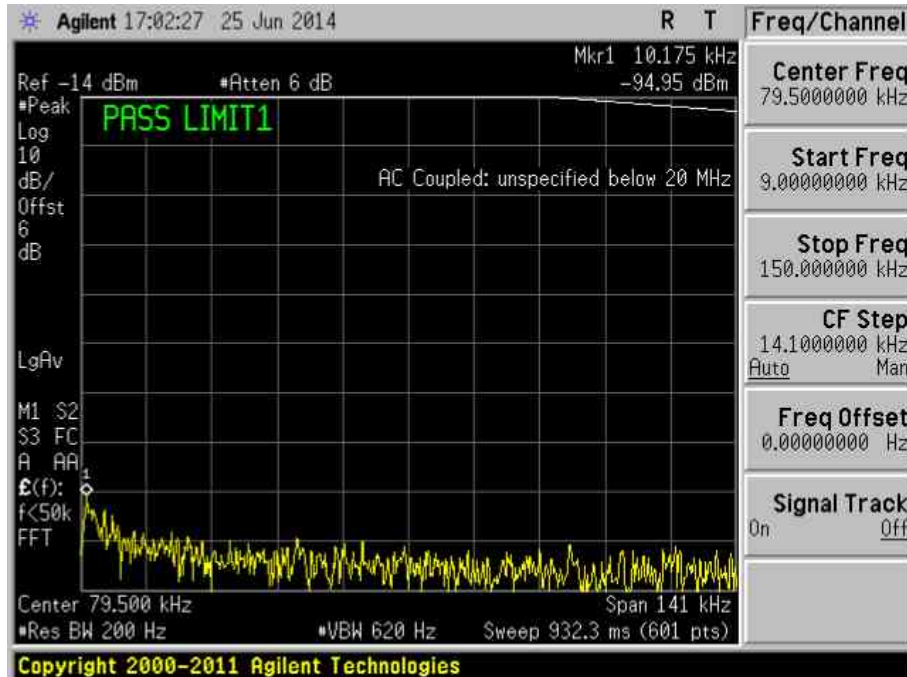
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



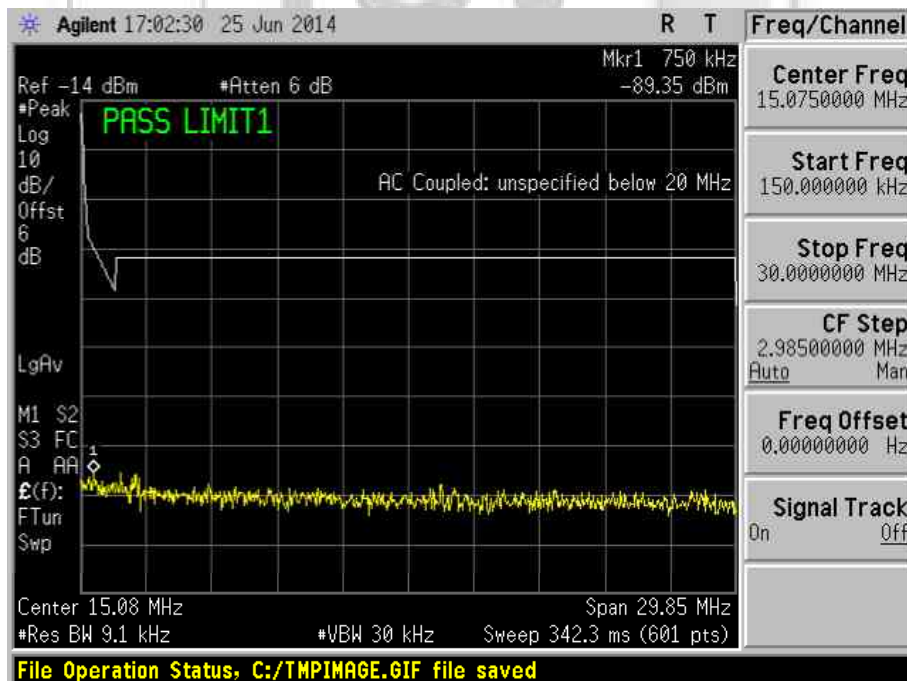
Plot 1548 – Channel 11 (upper ch) @ DBPSK 1Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



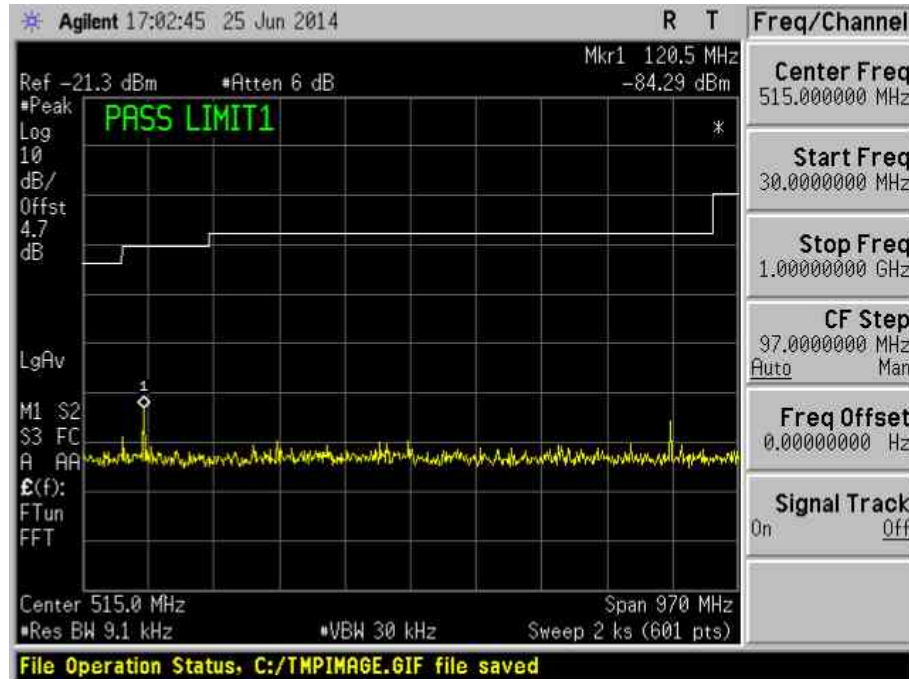
Plot 1549 – Channel 11 (upper ch) @ DQPSK 2Mbps



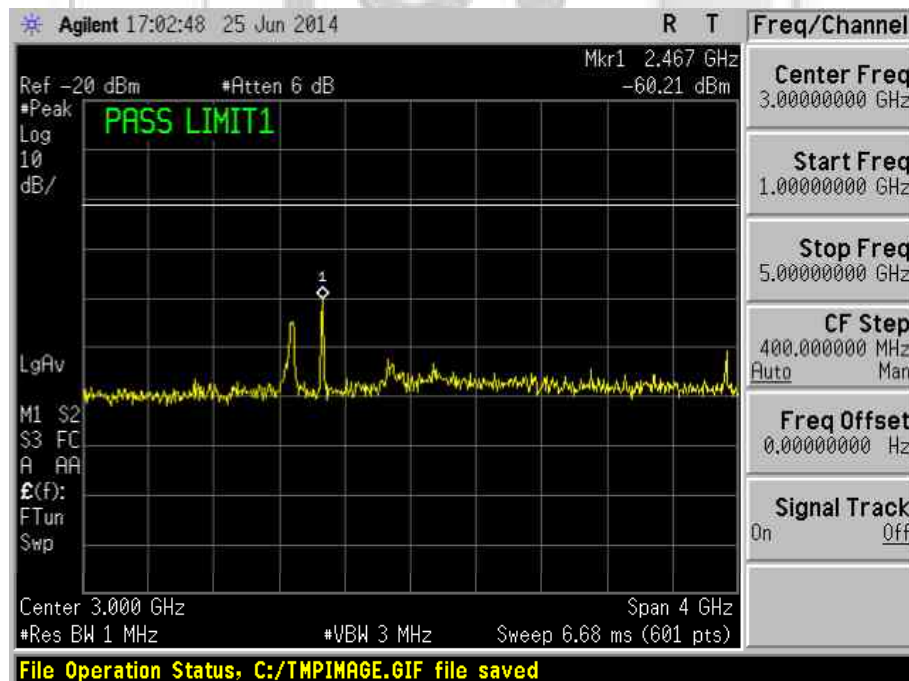
Plot 1550 – Channel 11 (upper ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



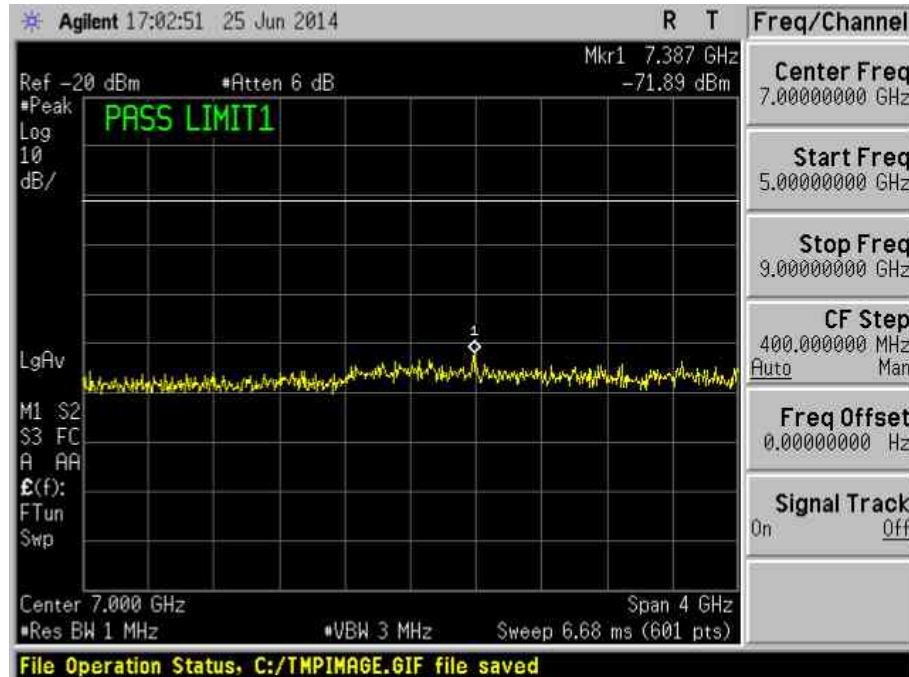
Plot 1551 – Channel 11 (upper ch) @ DQPSK 2Mbps



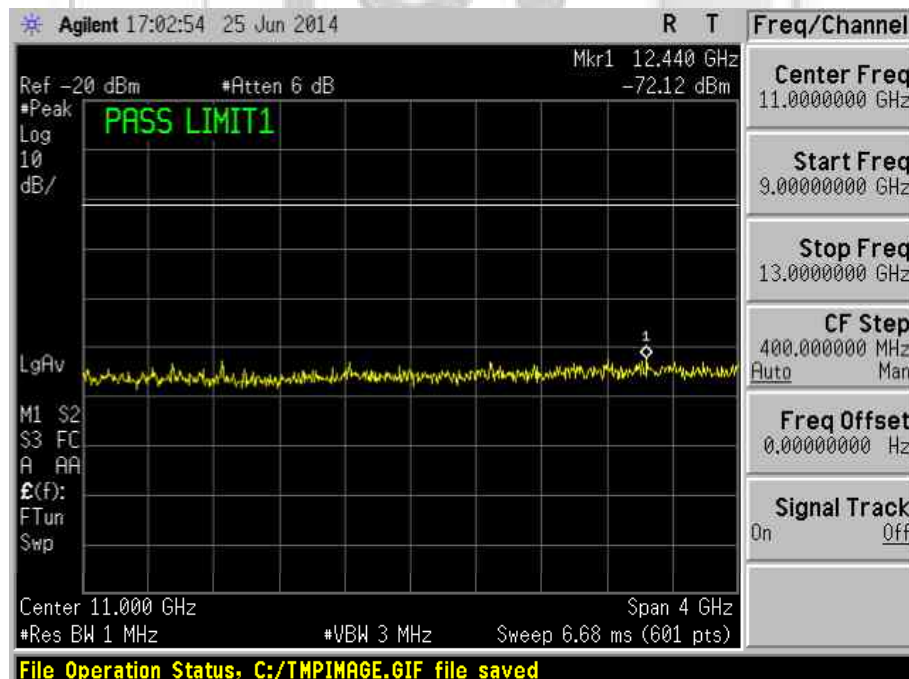
Plot 1552 – Channel 11 (upper ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



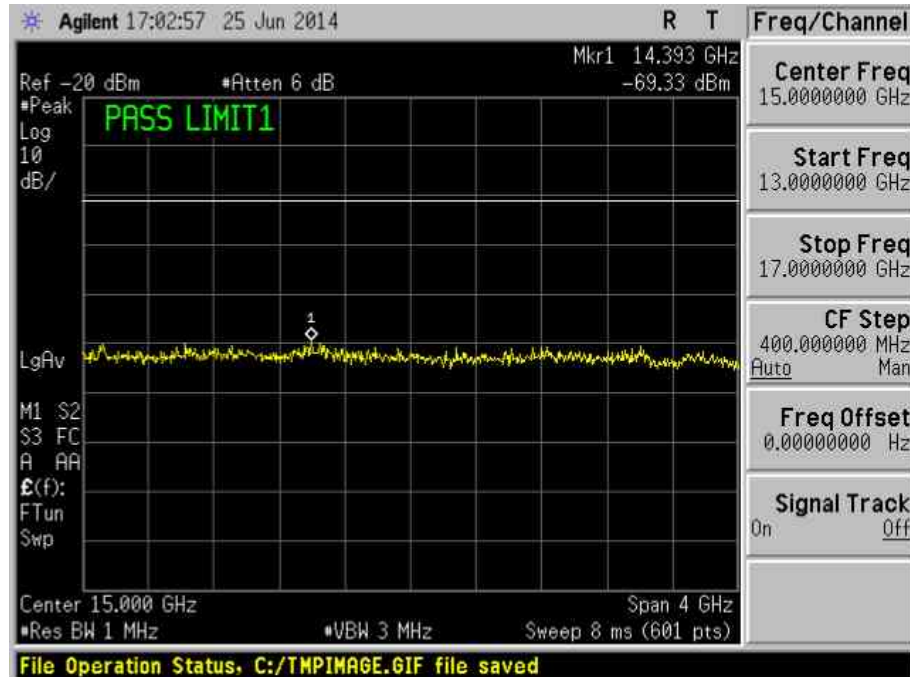
Plot 1553 – Channel 11 (upper ch) @ DQPSK 2Mbps



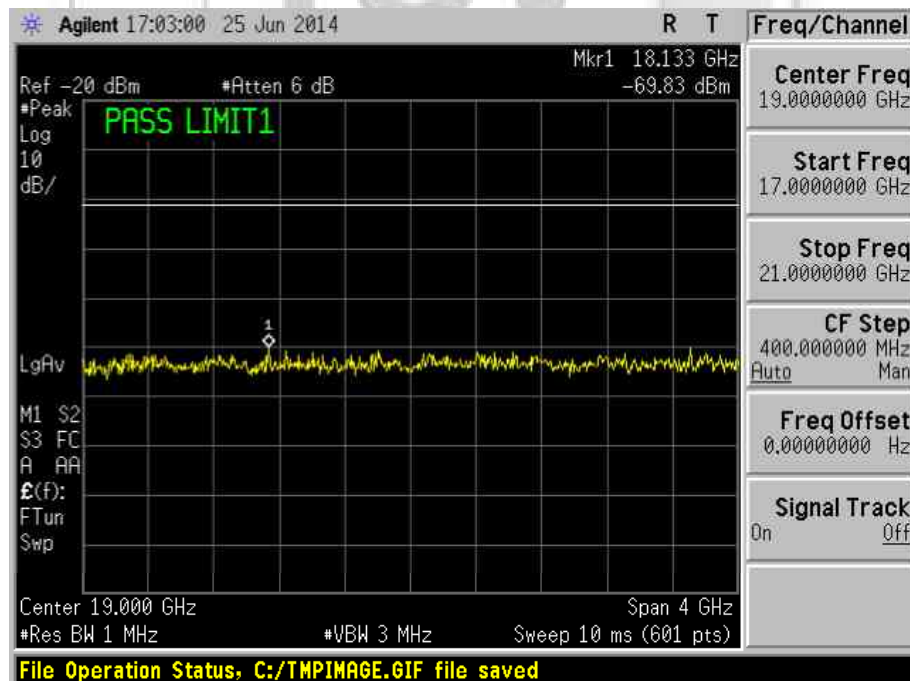
Plot 1554 – Channel 11 (upper ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



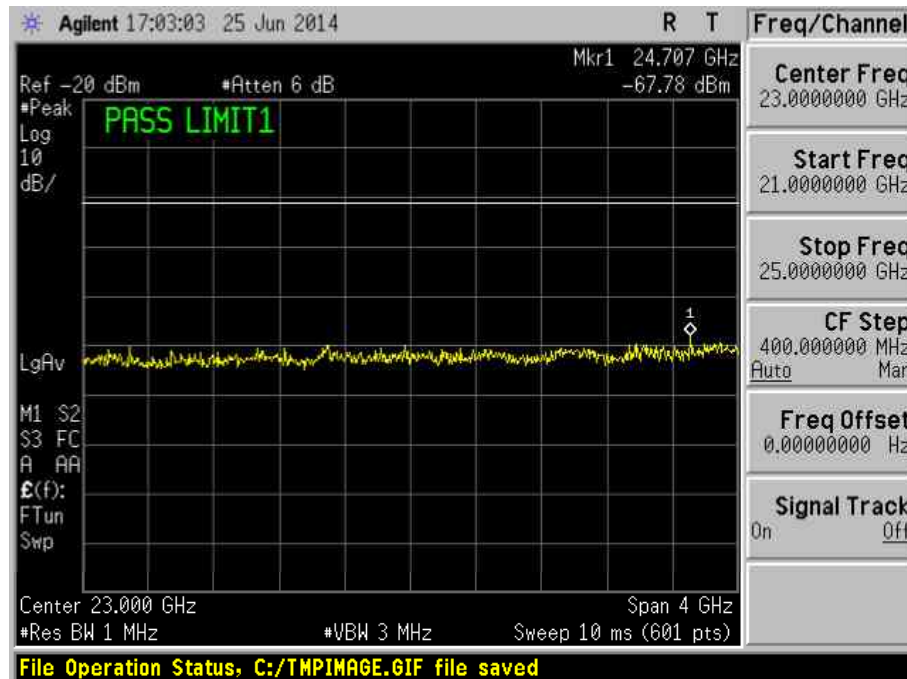
Plot 1555 – Channel 11 (upper ch) @ DQPSK 2Mbps



Plot 1556 – Channel 11 (upper ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

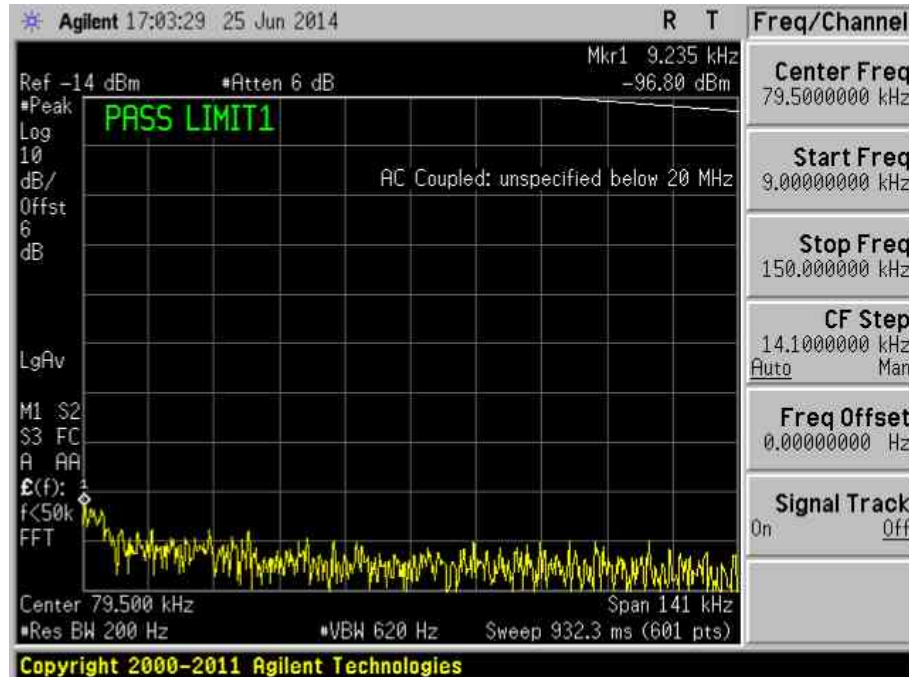
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



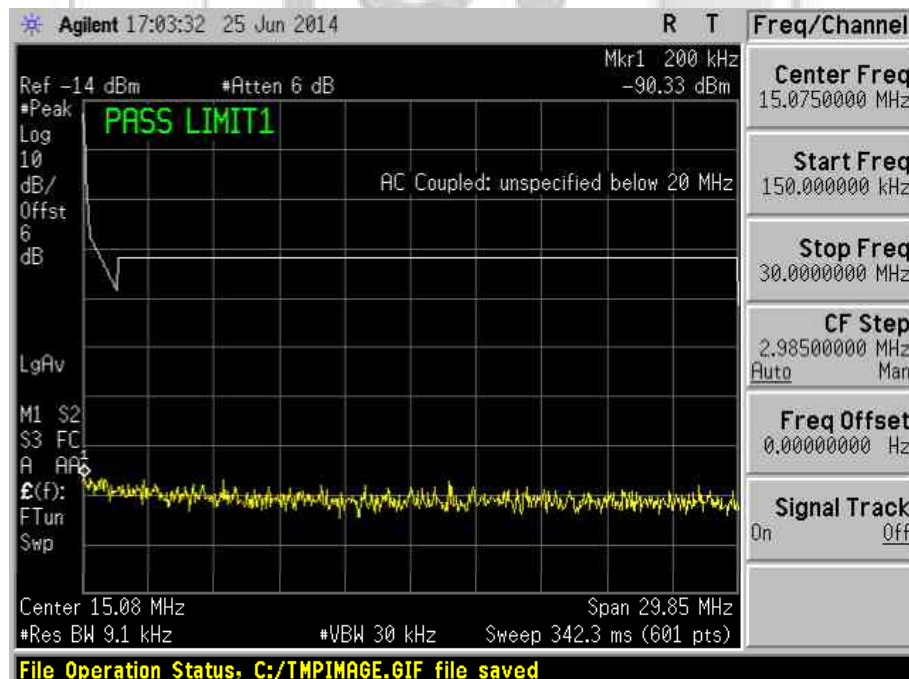
Plot 1557 – Channel 11 (upper ch) @ DQPSK 2Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



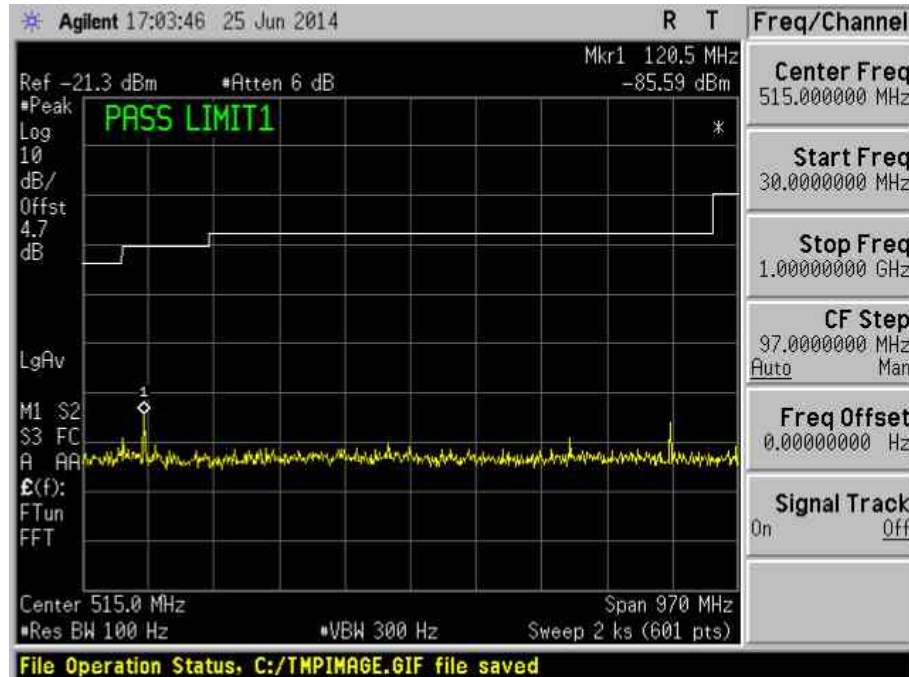
Plot 1558 – Channel 11 (upper ch) @ CCK 11Mbps



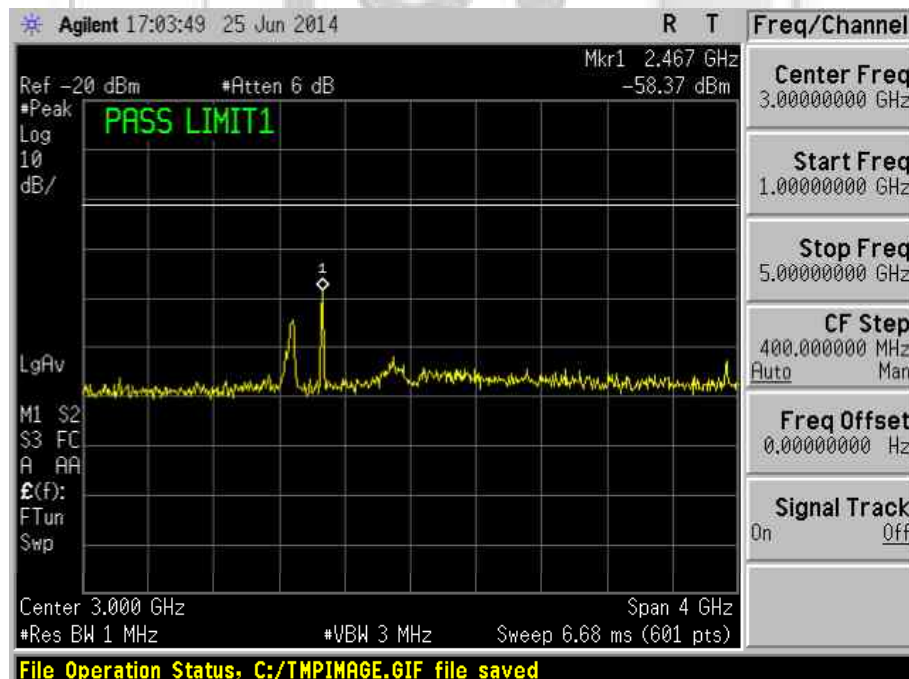
Plot 1559 – Channel 11 (upper ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



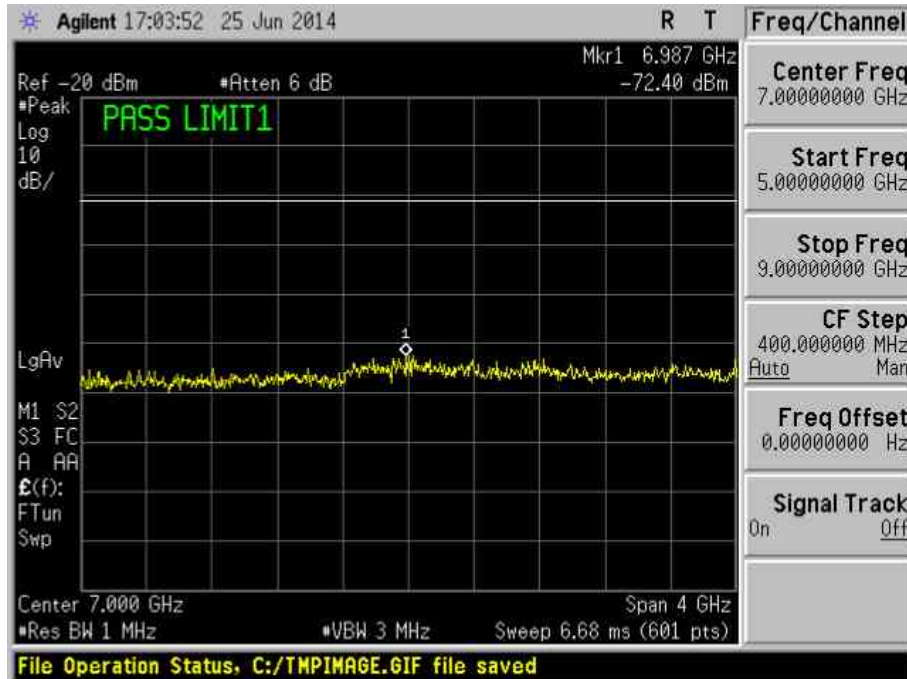
Plot 1560 – Channel 11 (upper ch) @ CCK 11Mbps



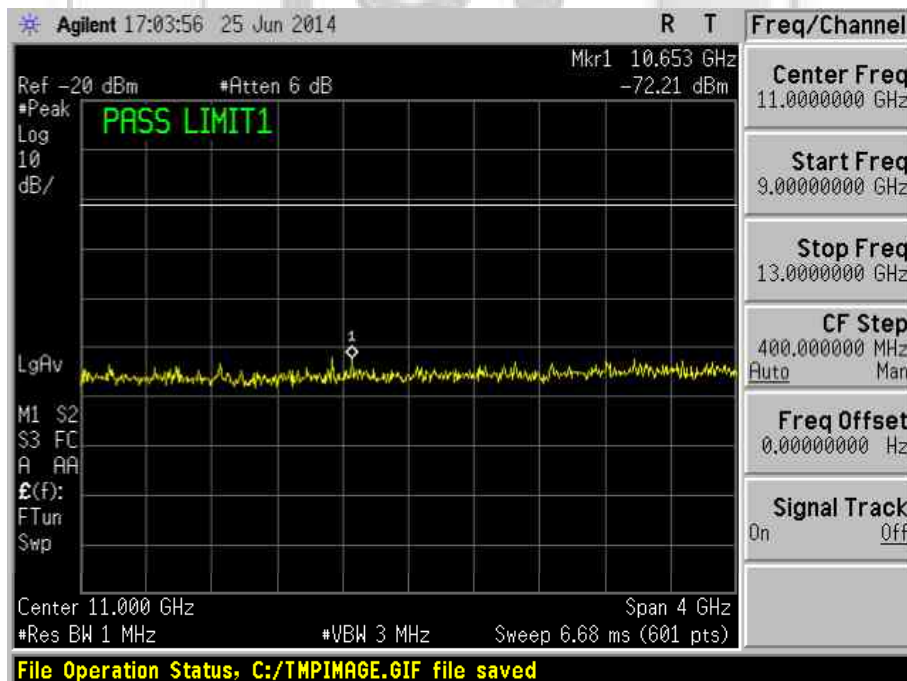
Plot 1561 – Channel 11 (upper ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



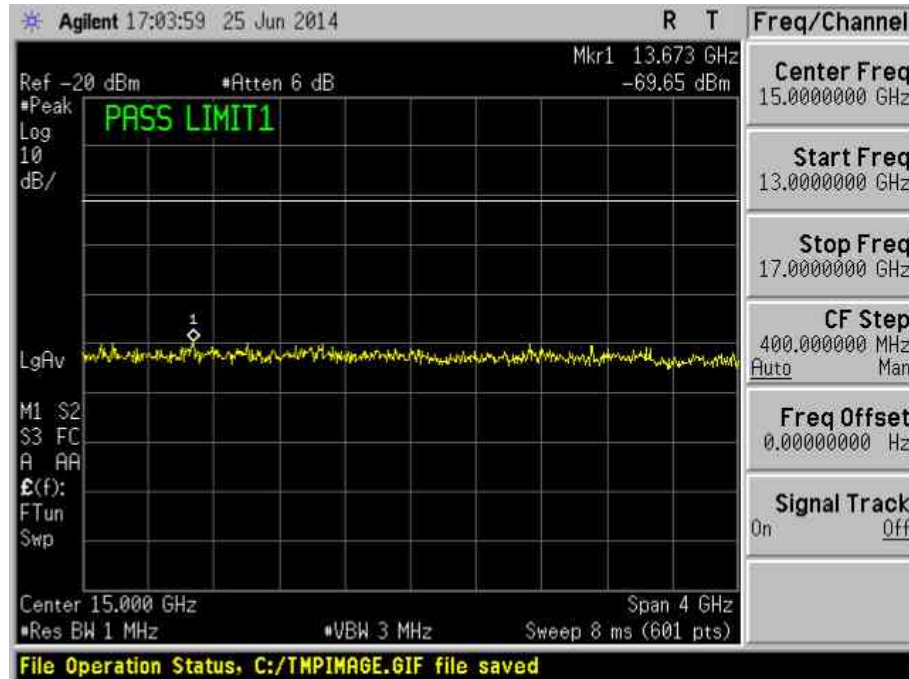
Plot 1562 – Channel 11 (upper ch) @ CCK 11Mbps



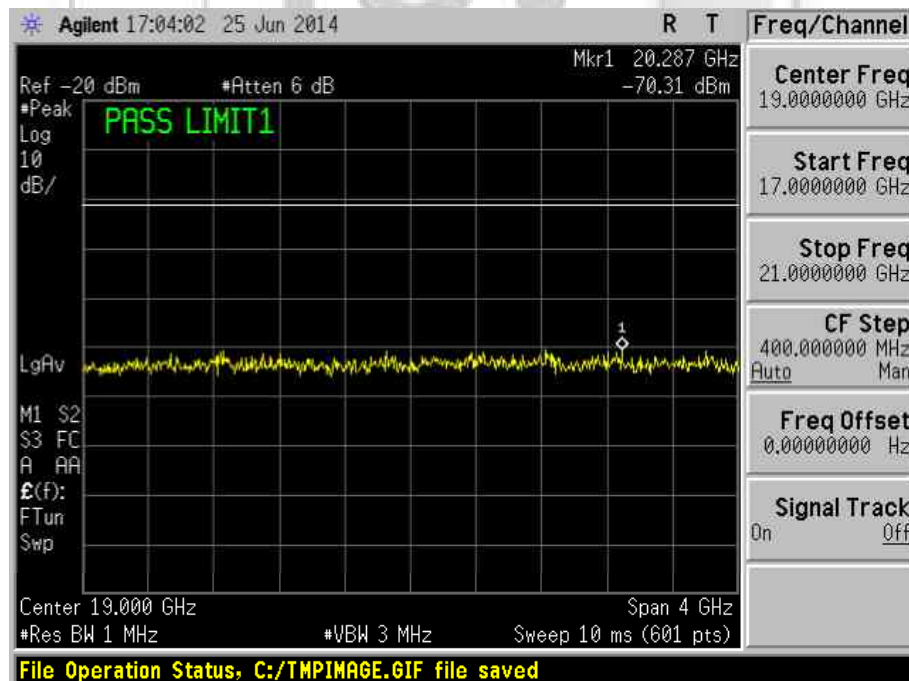
Plot 1563 – Channel 11 (upper ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



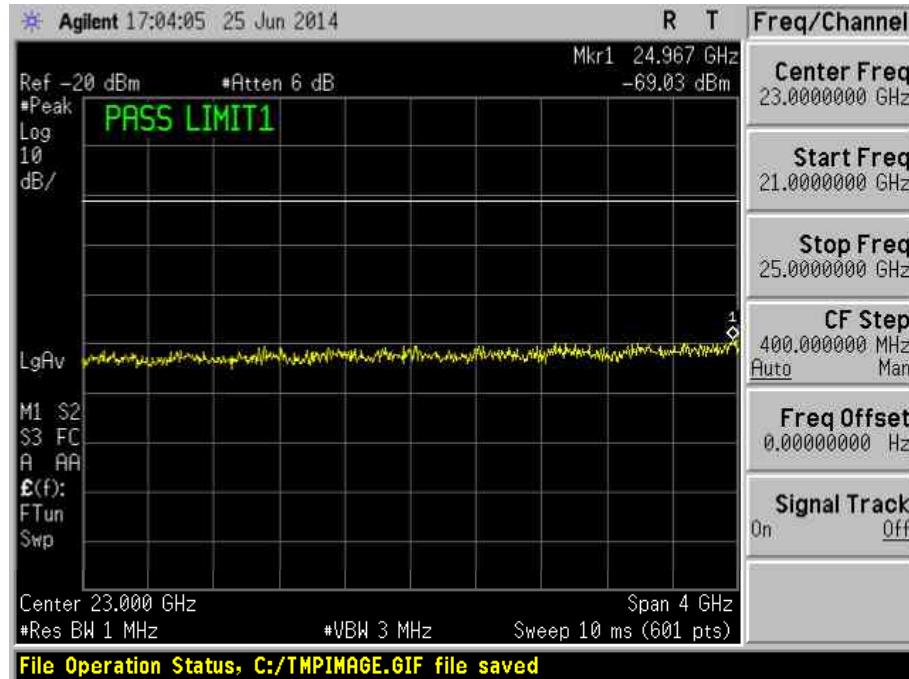
Plot 1564 – Channel 11 (upper ch) @ CCK 11Mbps



Plot 1565 – Channel 11 (upper ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

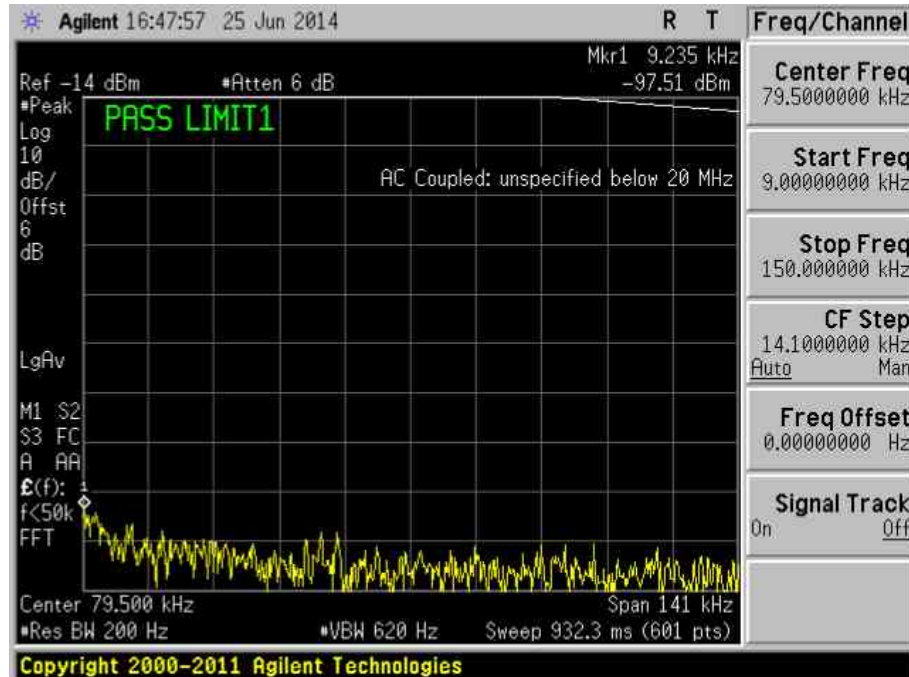
RF Conducted Spurious Emissions (Restricted) Plots – 802.11b



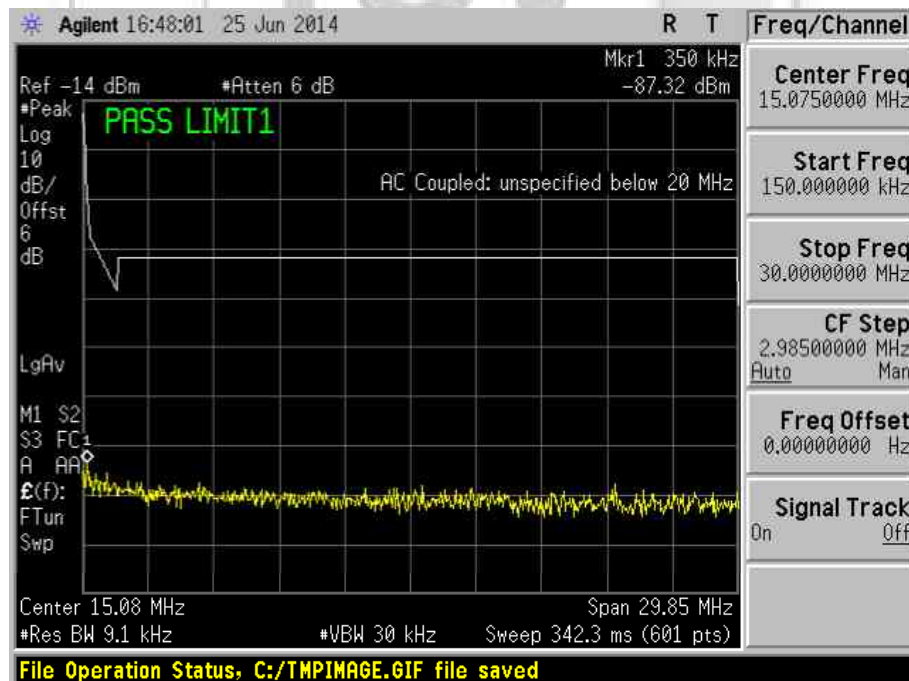
Plot 1566 – Channel 11 (upper ch) @ CCK 11Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



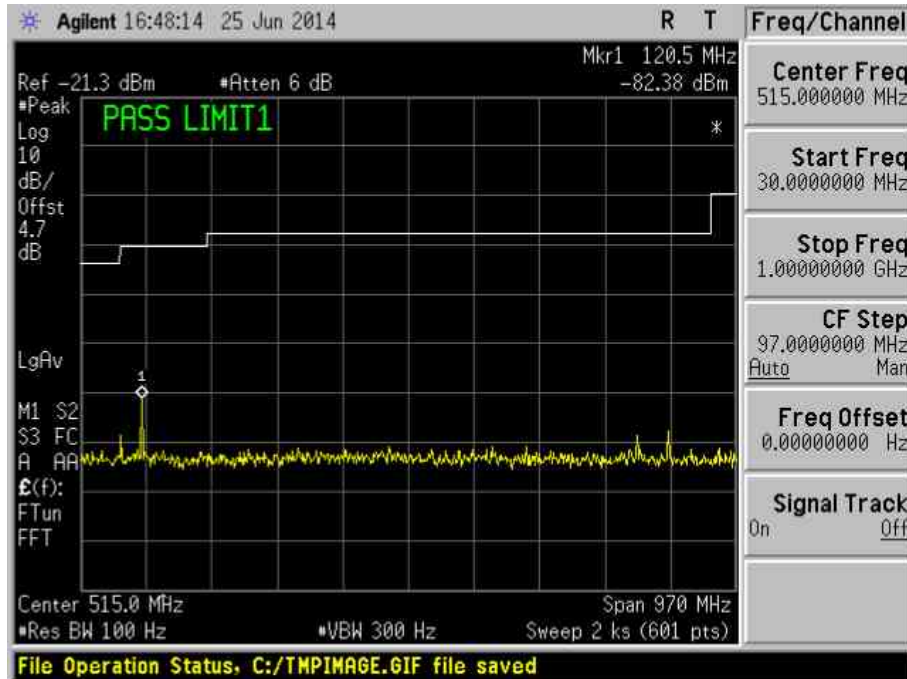
Plot 1567 – Channel 1 (lower ch) @ BPSK 9Mbps



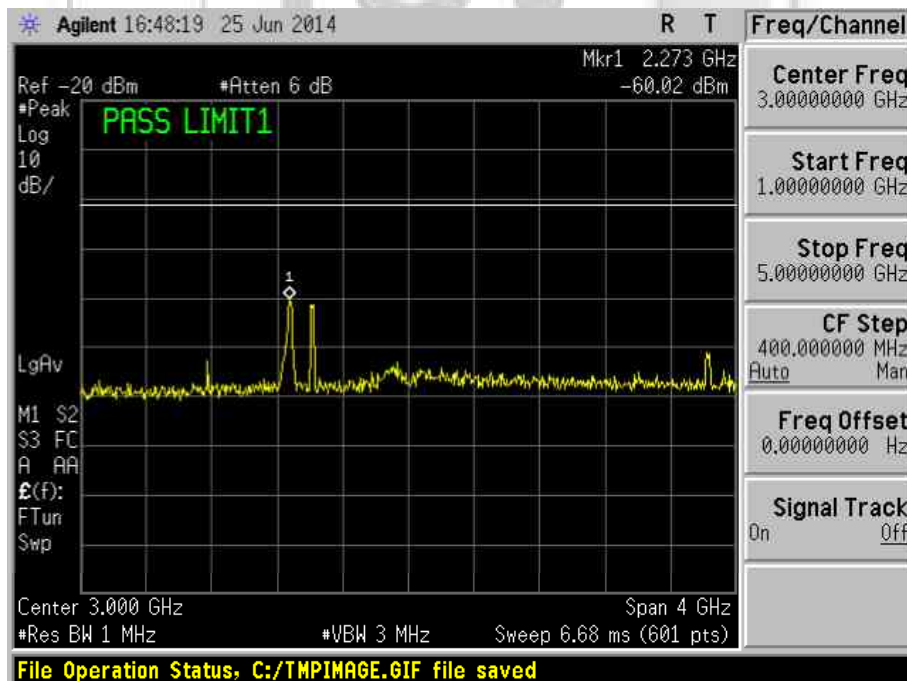
Plot 1568 – Channel 1 (lower ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



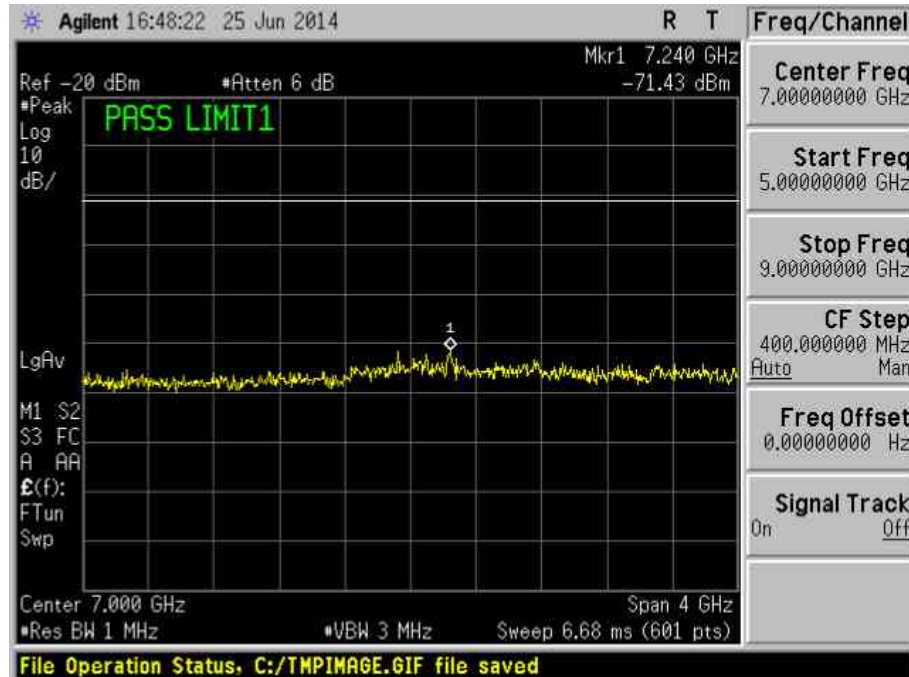
Plot 1569 – Channel 1 (lower ch) @ BPSK 9Mbps



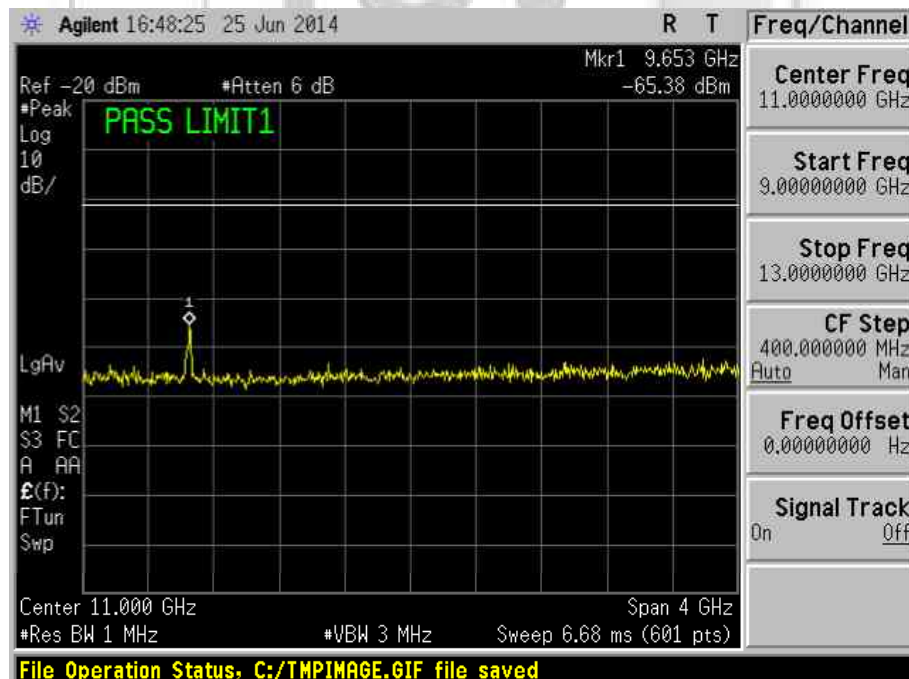
Plot 1570 – Channel 1 (lower ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



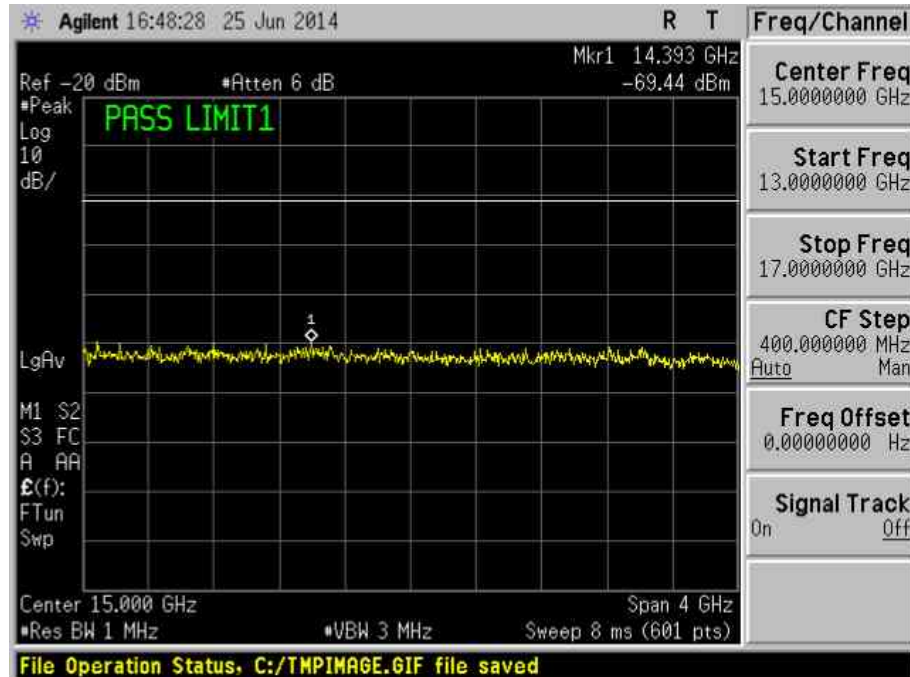
Plot 1571 – Channel 1 (lower ch) @ BPSK 9Mbps



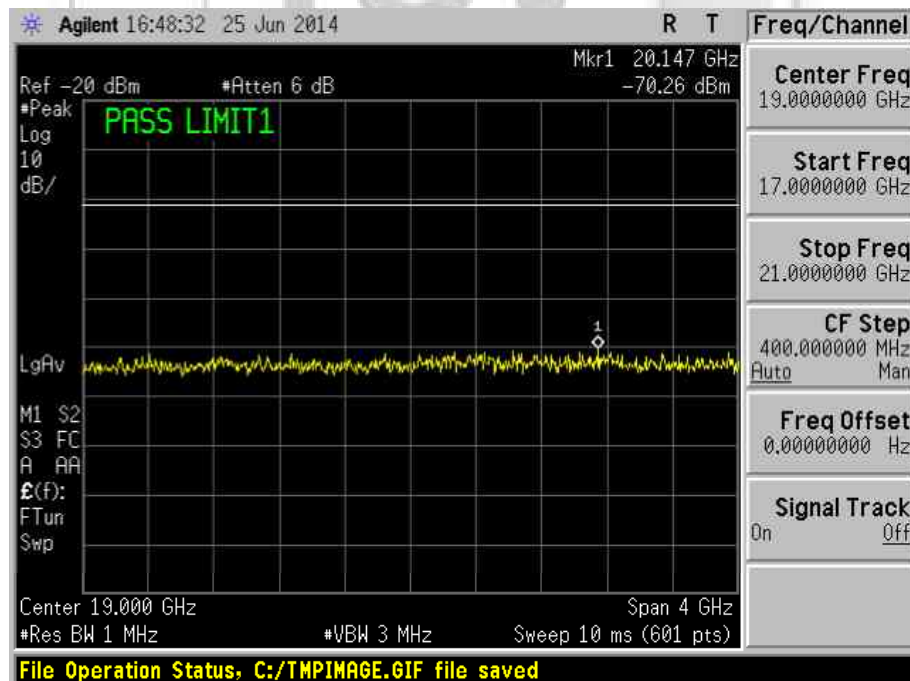
Plot 1572 – Channel 1 (lower ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



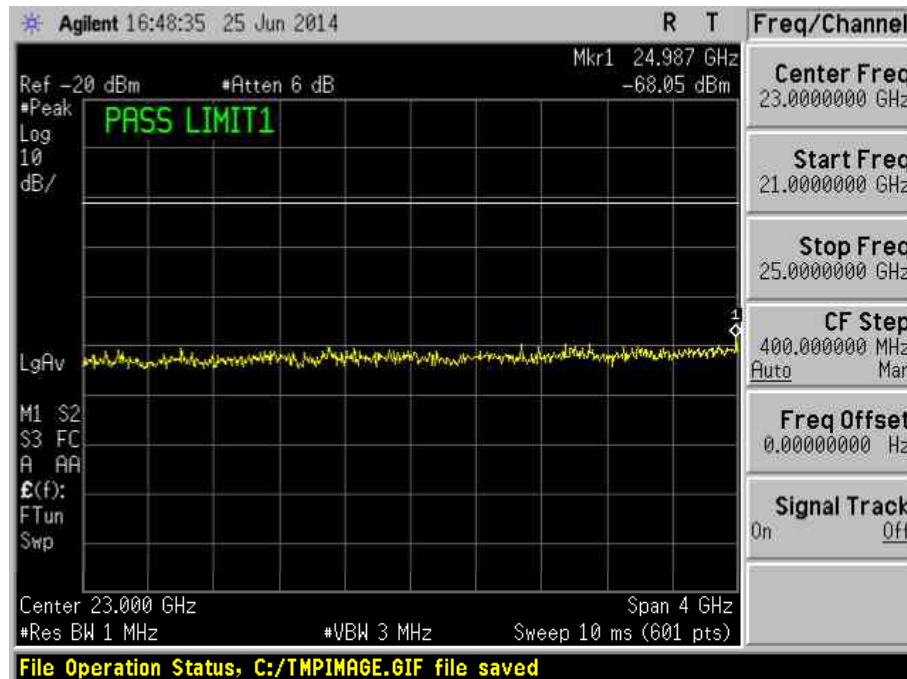
Plot 1573 – Channel 1 (lower ch) @ BPSK 9Mbps



Plot 1574 – Channel 1 (lower ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

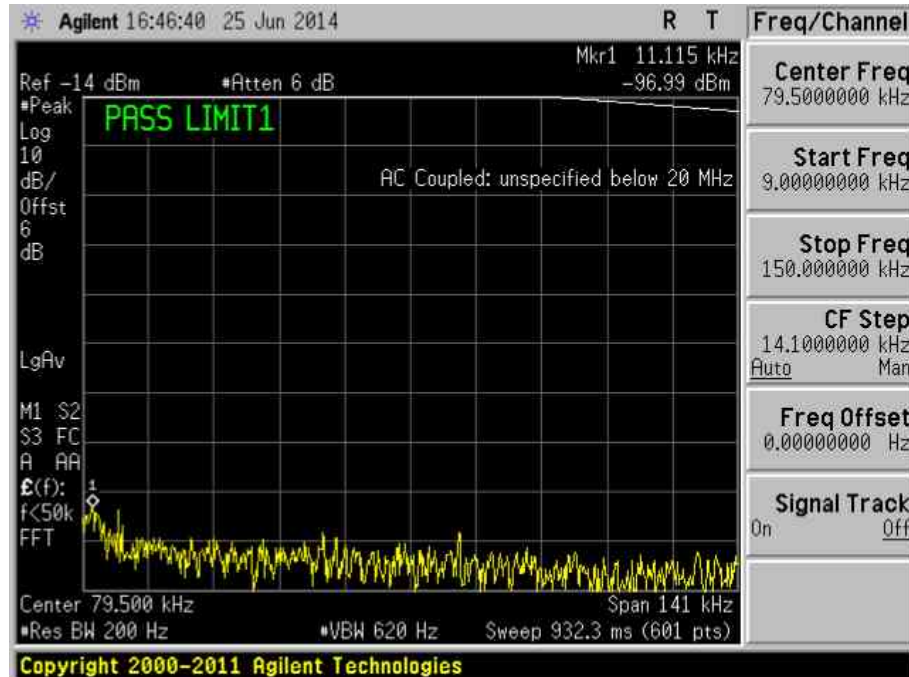
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



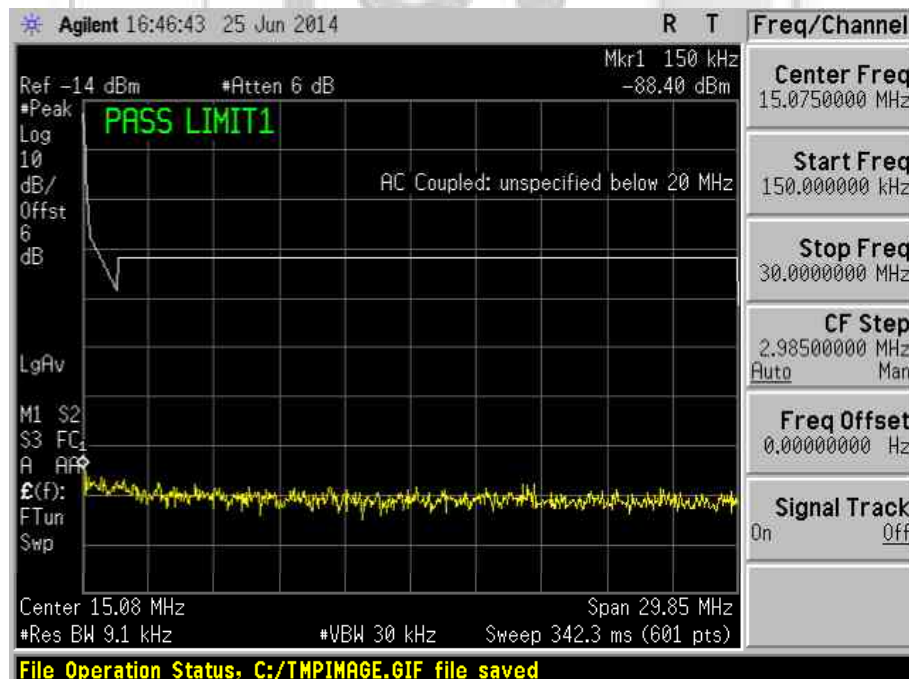
Plot 1575 – Channel 1 (lower ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



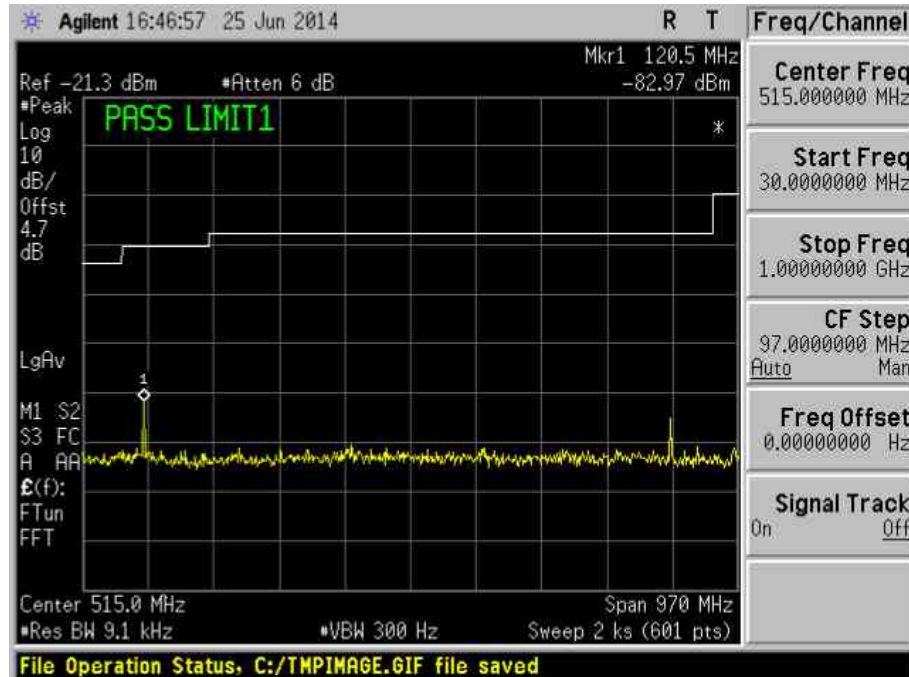
Plot 1576 – Channel 1 (lower ch) @ QPSK 18Mbps



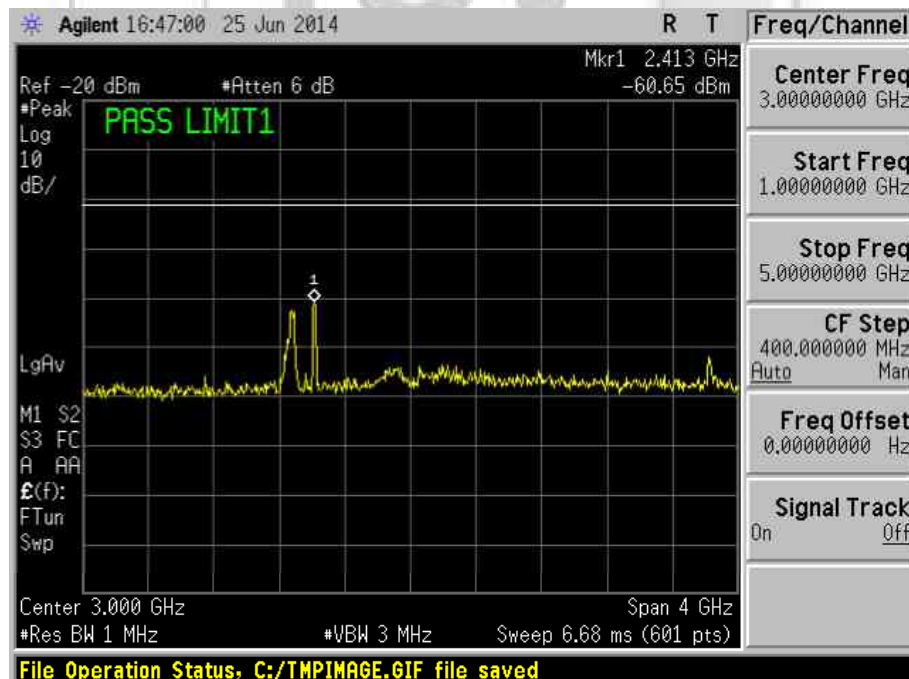
Plot 1577 – Channel 1 (lower ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



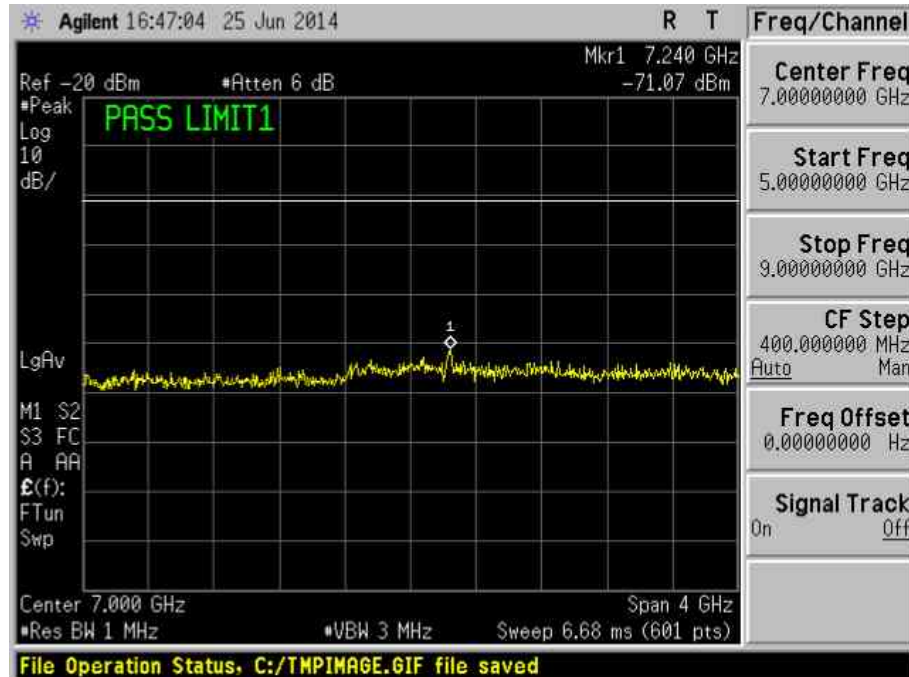
Plot 1578 – Channel 1 (lower ch) @ QPSK 18Mbps



Plot 1579 – Channel 1 (lower ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



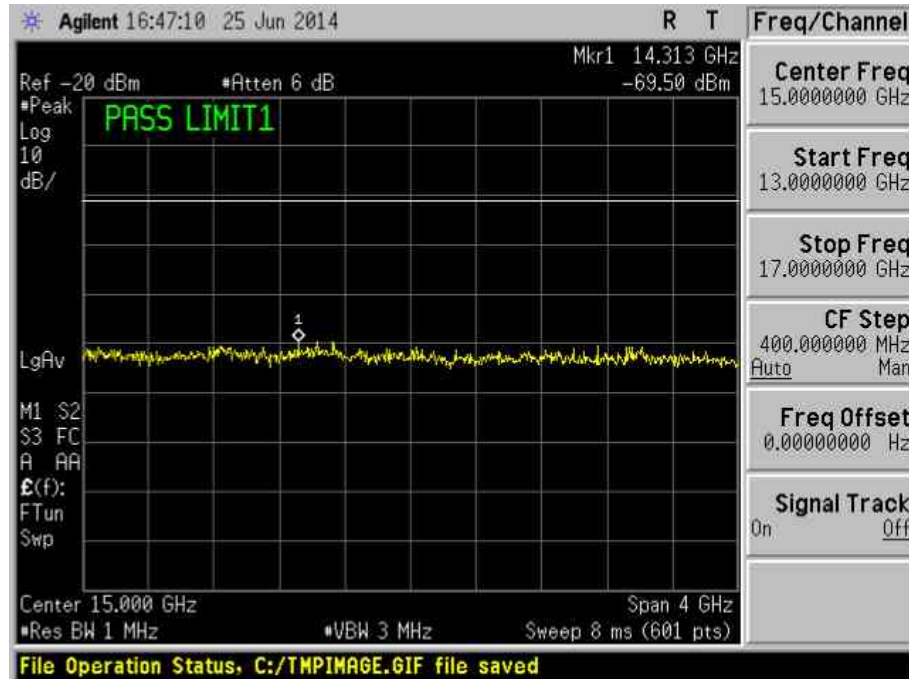
Plot 1580 – Channel 1 (lower ch) @ QPSK 18Mbps



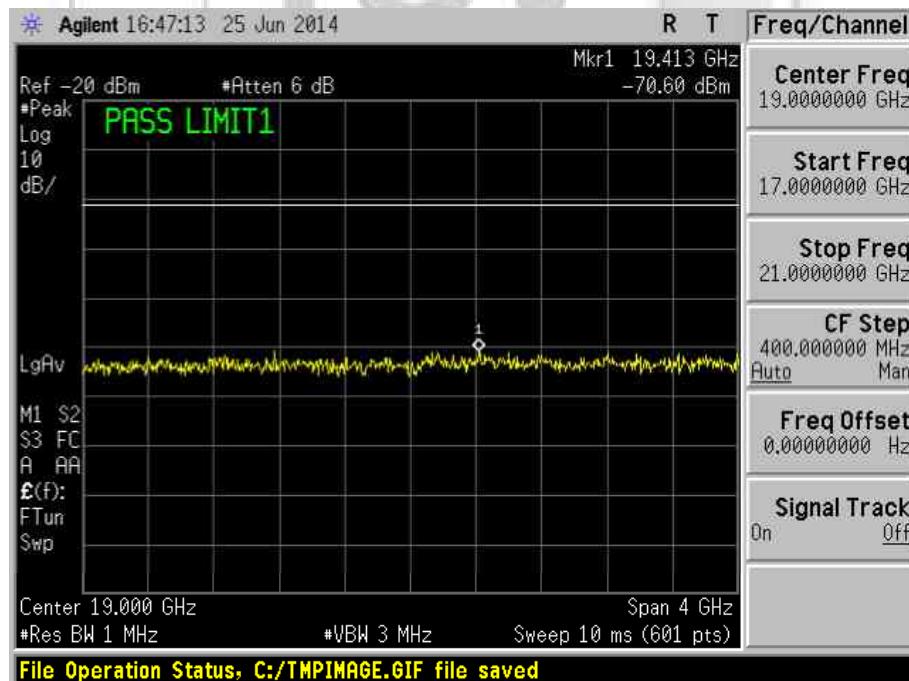
Plot 1581 – Channel 1 (lower ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



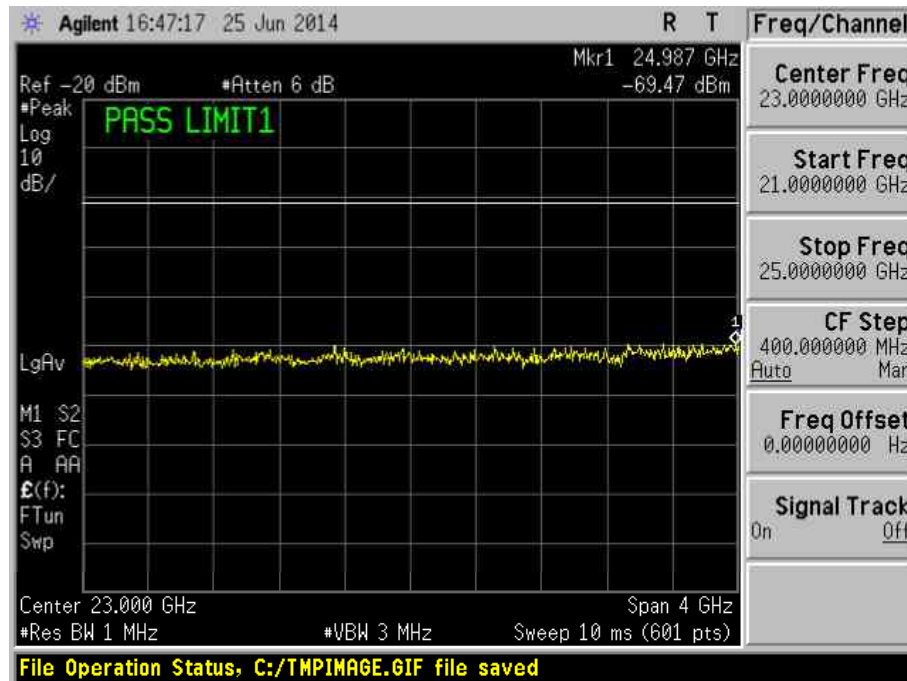
Plot 1582 – Channel 1 (lower ch) @ QPSK 18Mbps



Plot 1583 – Channel 1 (lower ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

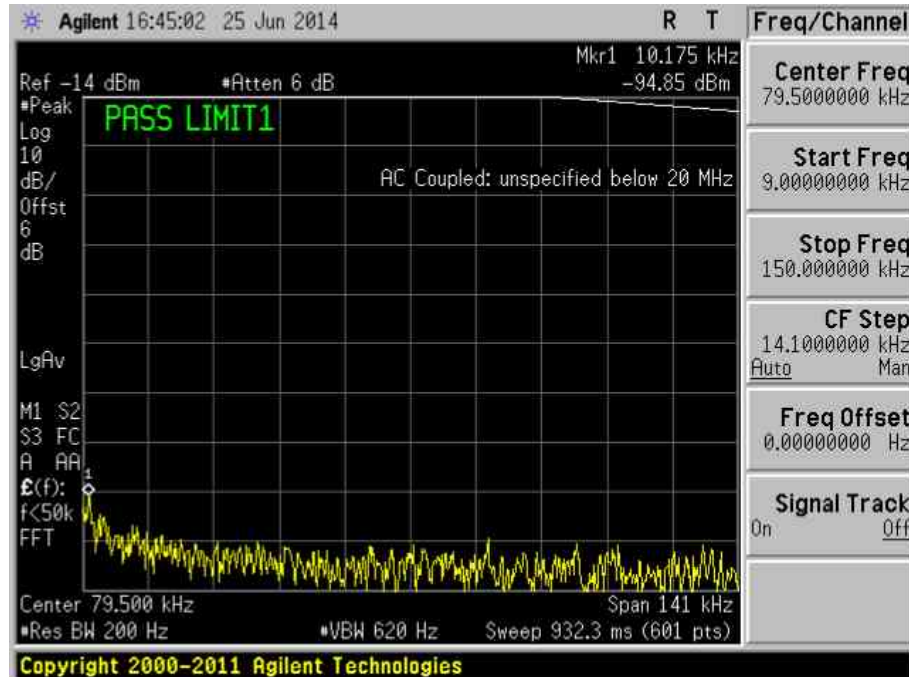
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



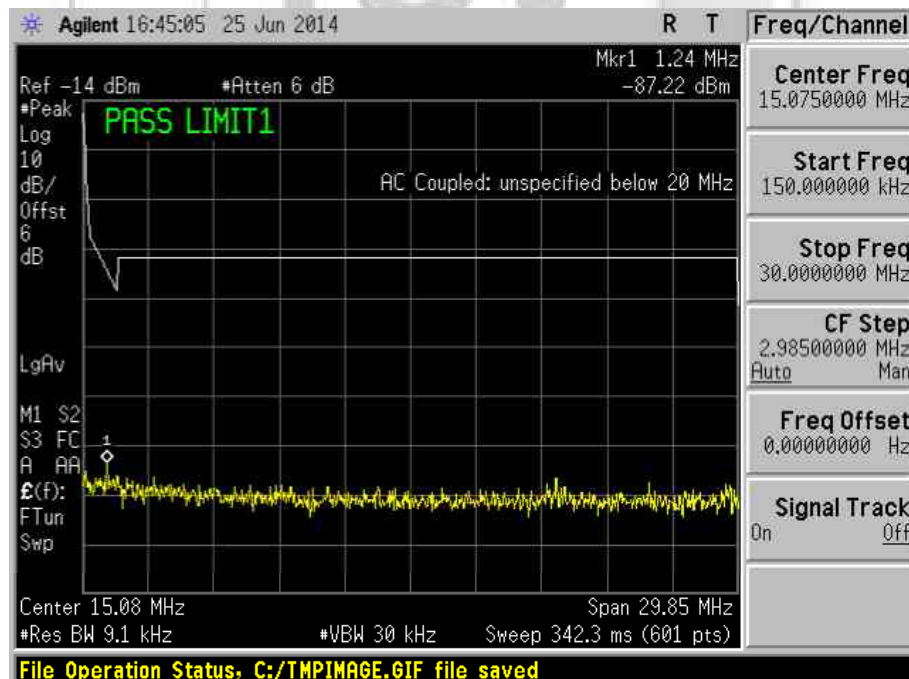
Plot 1584 – Channel 1 (lower ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



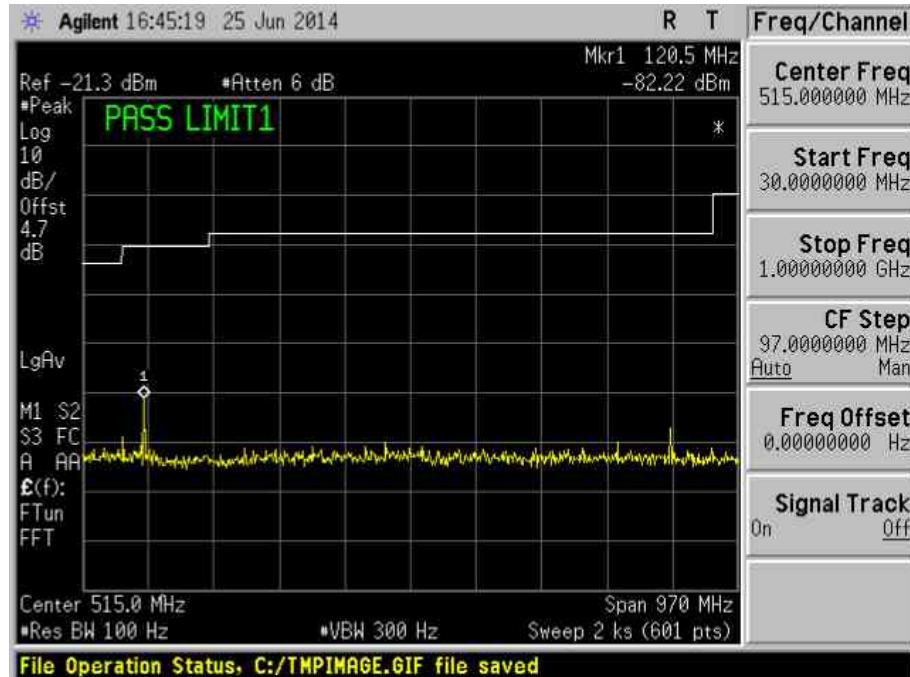
Plot 1585 – Channel 1 (lower ch) @ 16QAM 36Mbps



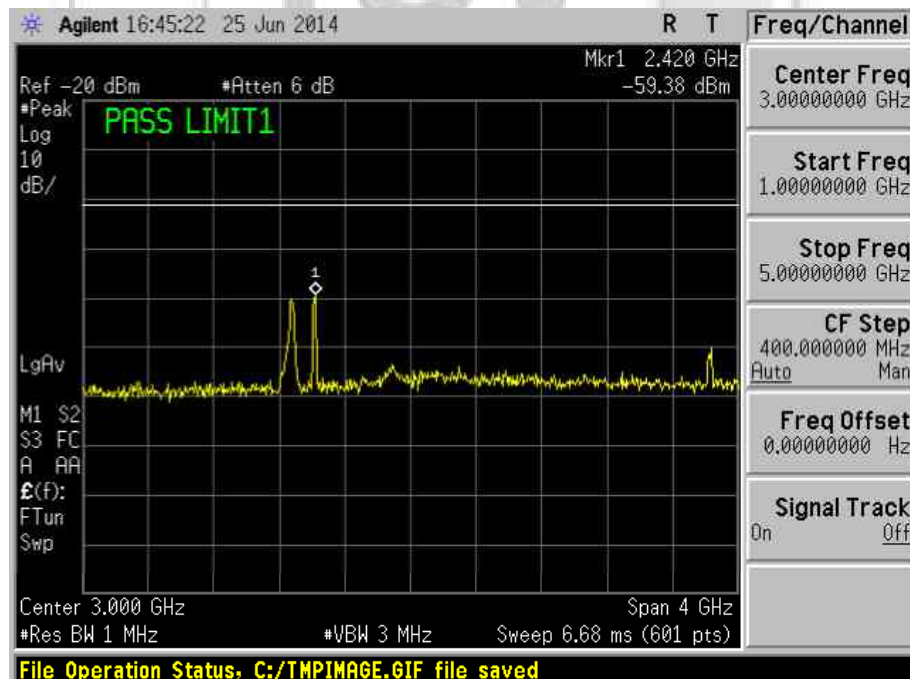
Plot 1586 – Channel 1 (lower ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



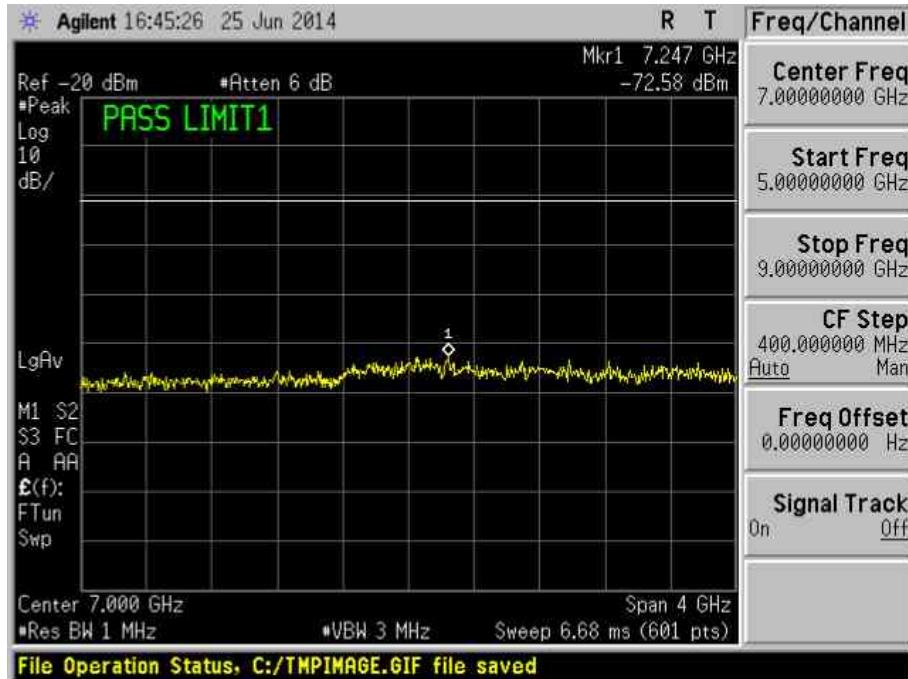
Plot 1587 – Channel 1 (lower ch) @ 16QAM 36Mbps



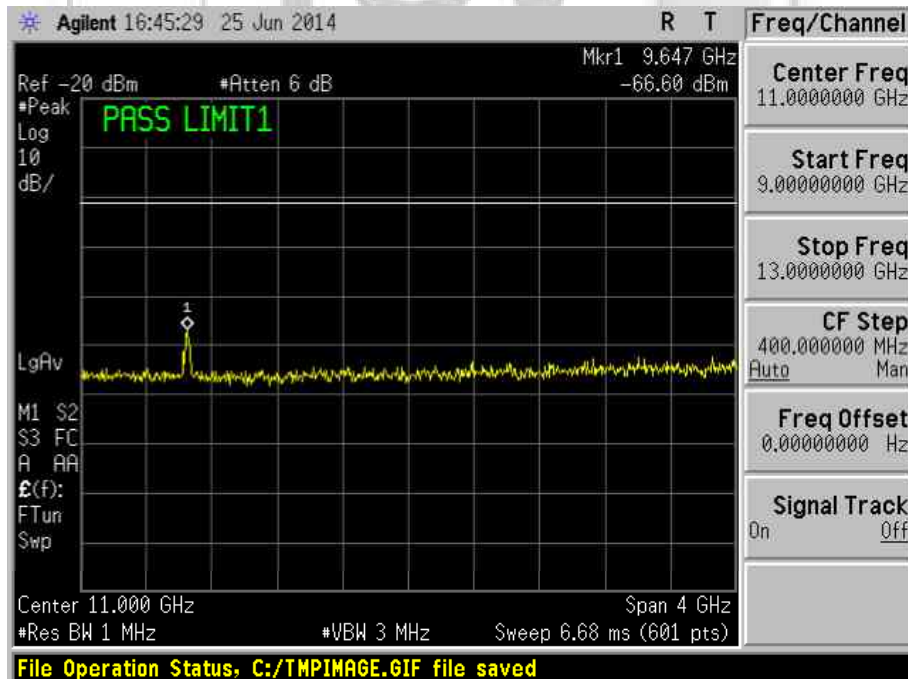
Plot 1588 – Channel 1 (lower ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



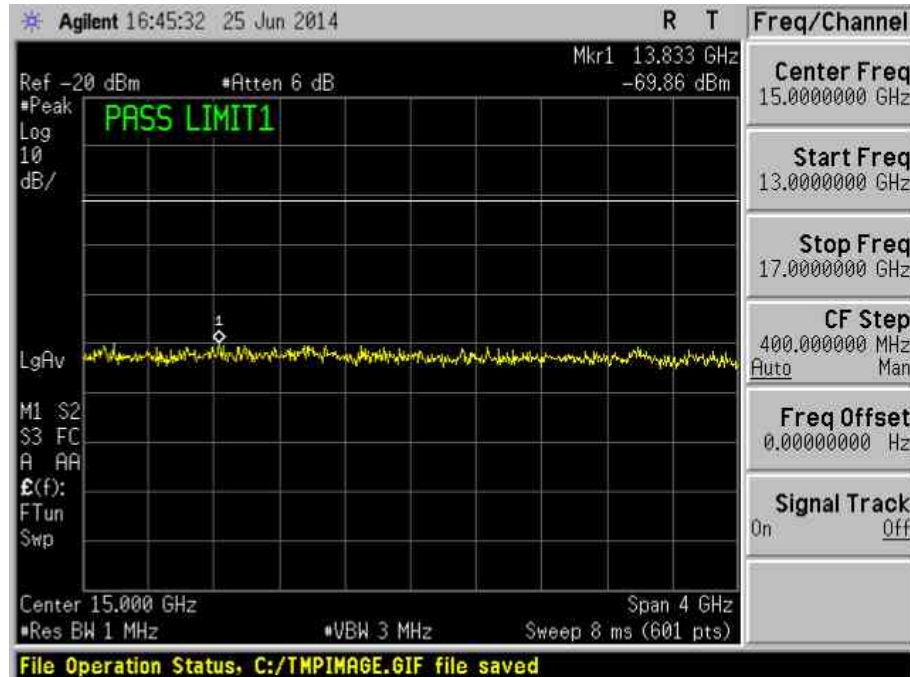
Plot 1589 – Channel 1 (lower ch) @ 16QAM 36Mbps



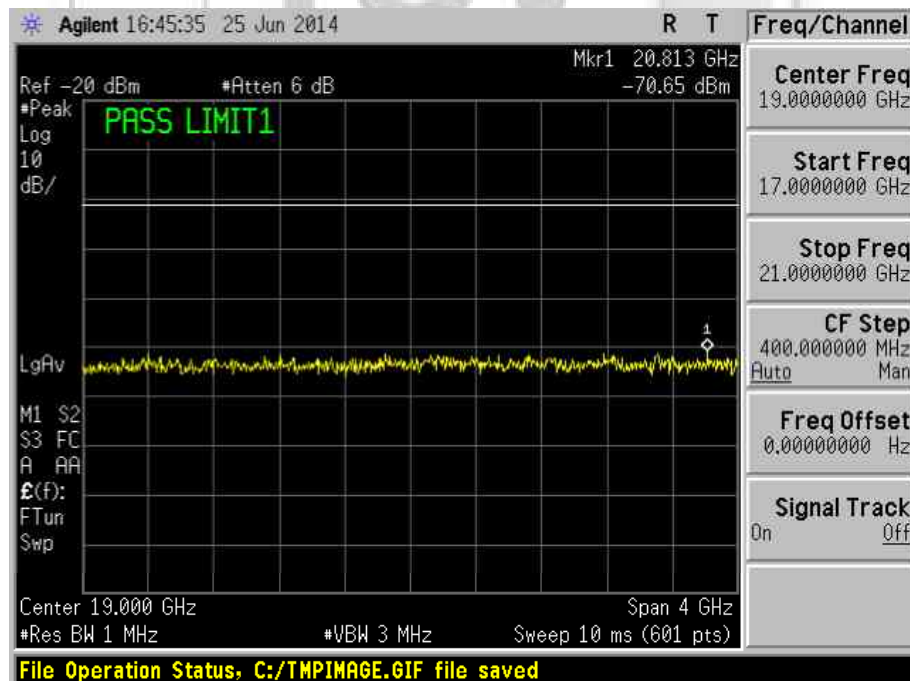
Plot 1590 – Channel 1 (lower ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



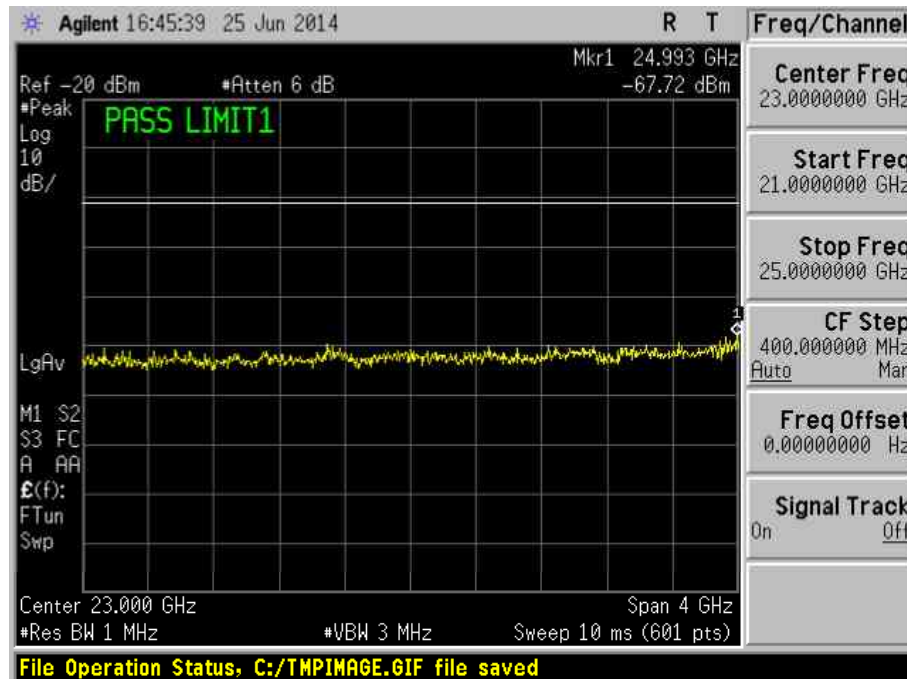
Plot 1591 – Channel 1 (lower ch) @ 16QAM 36Mbps



Plot 1592 – Channel 1 (lower ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

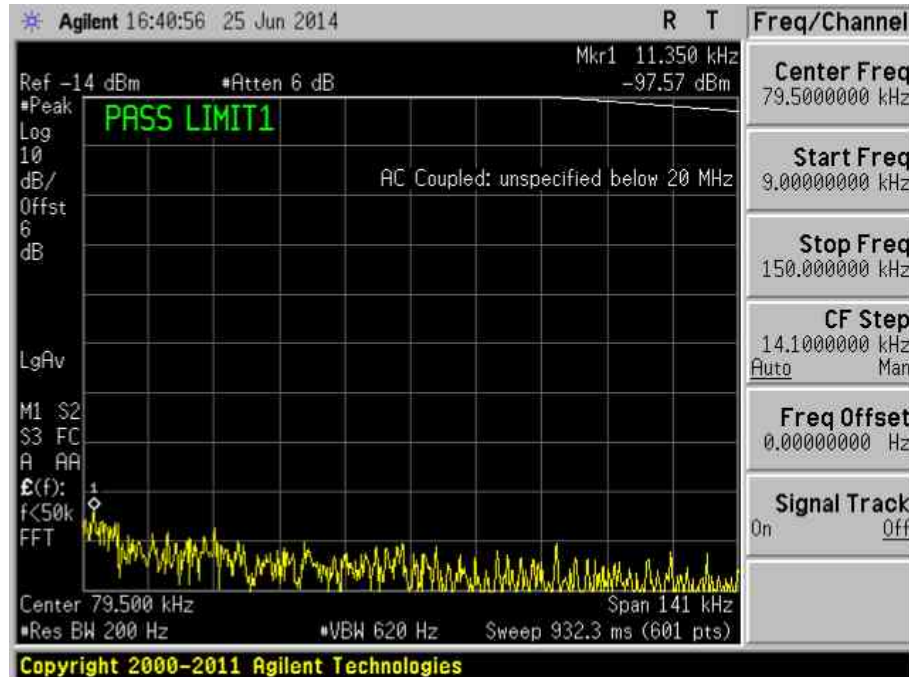
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



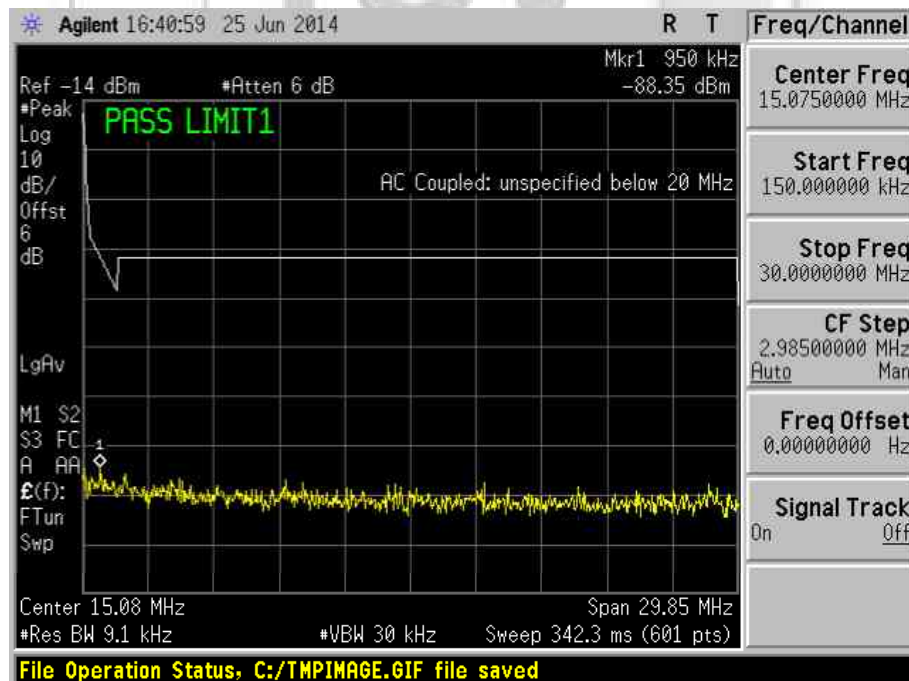
Plot 1593 – Channel 1 (lower ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



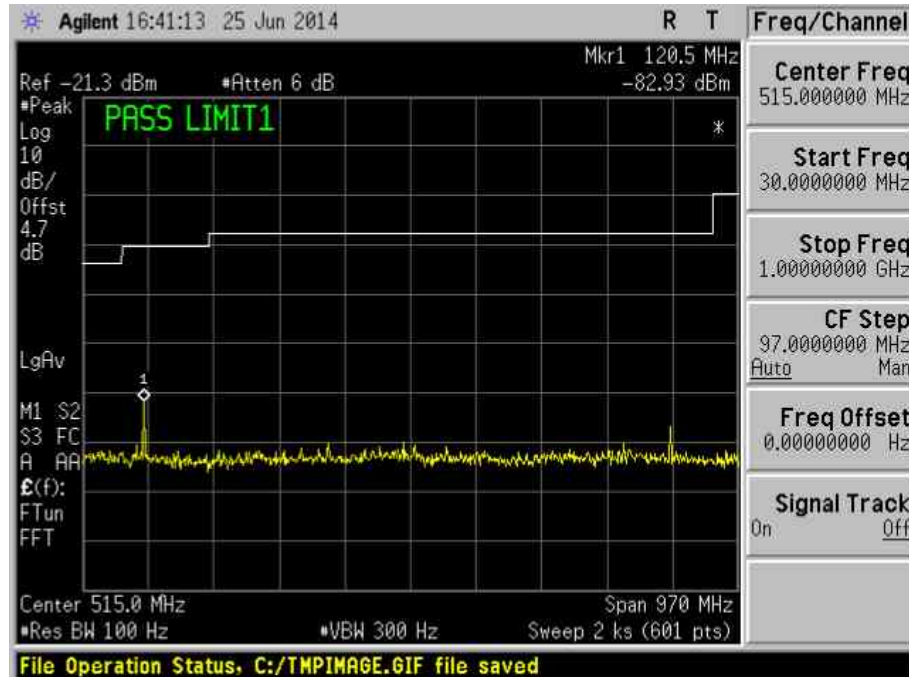
Plot 1594 – Channel 1 (lower ch) @ 64QAM 54Mbps



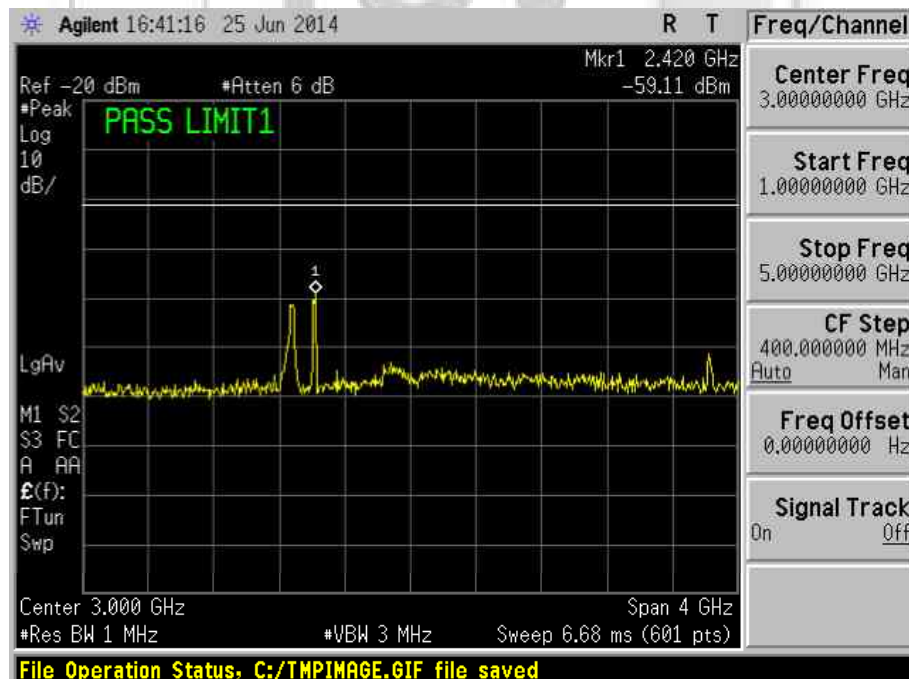
Plot 1595 – Channel 1 (lower ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



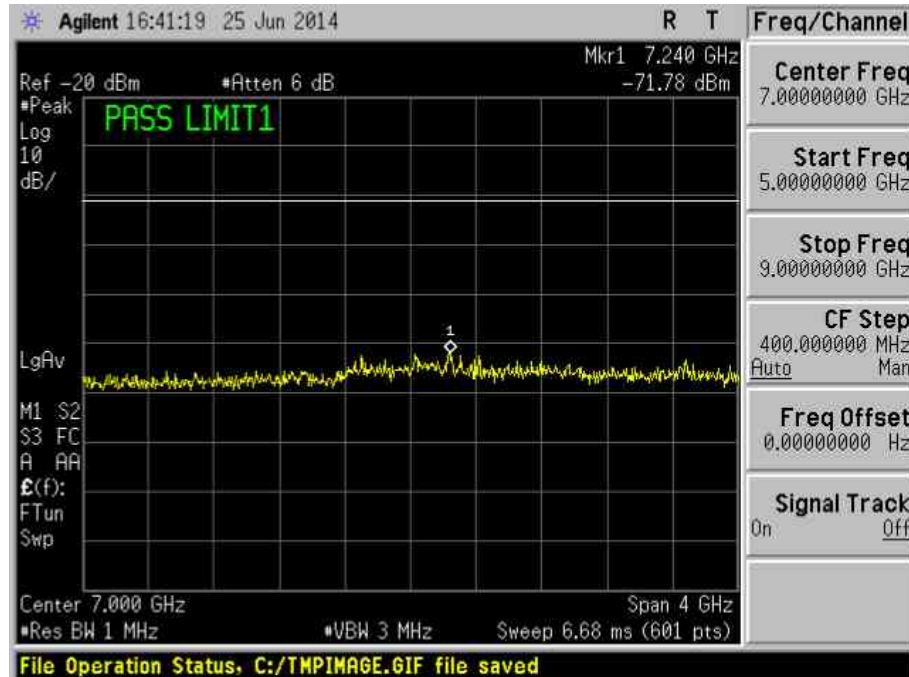
Plot 1596 – Channel 1 (lower ch) @ 64QAM 54Mbps



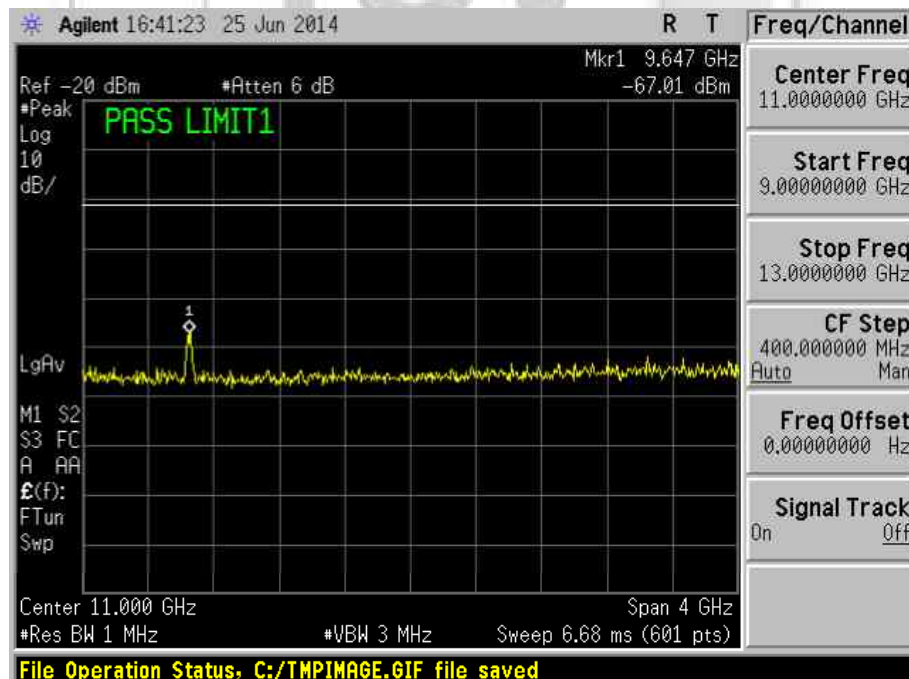
Plot 1597 – Channel 1 (lower ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



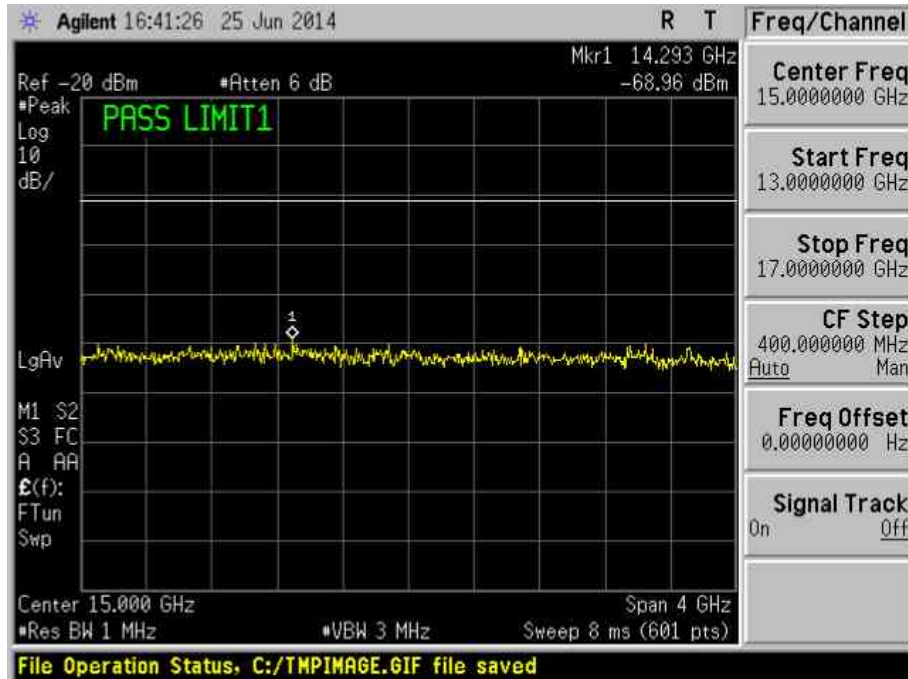
Plot 1598 – Channel 1 (lower ch) @ 64QAM 54Mbps



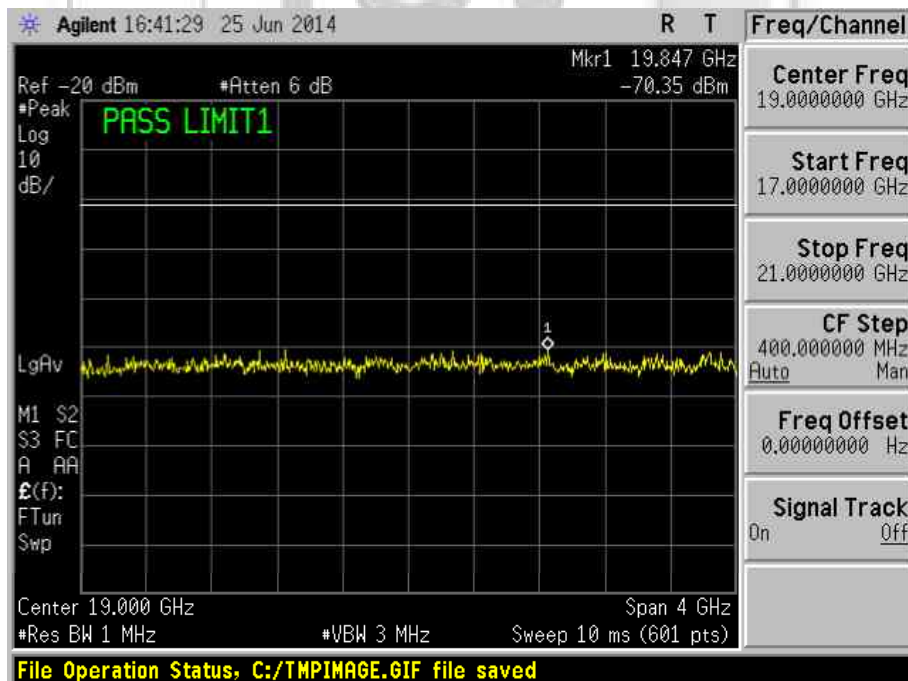
Plot 1599 – Channel 1 (lower ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



Plot 1600 – Channel 1 (lower ch) @ 64QAM 54Mbps

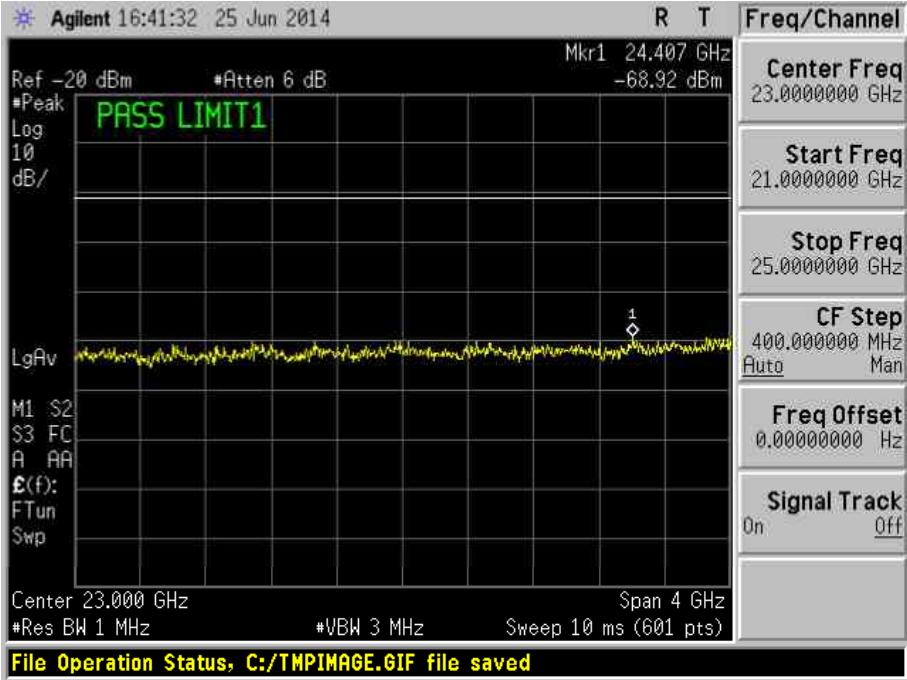


Plot 1601 – Channel 1 (lower ch) @ 64QAM 54Mbps



RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

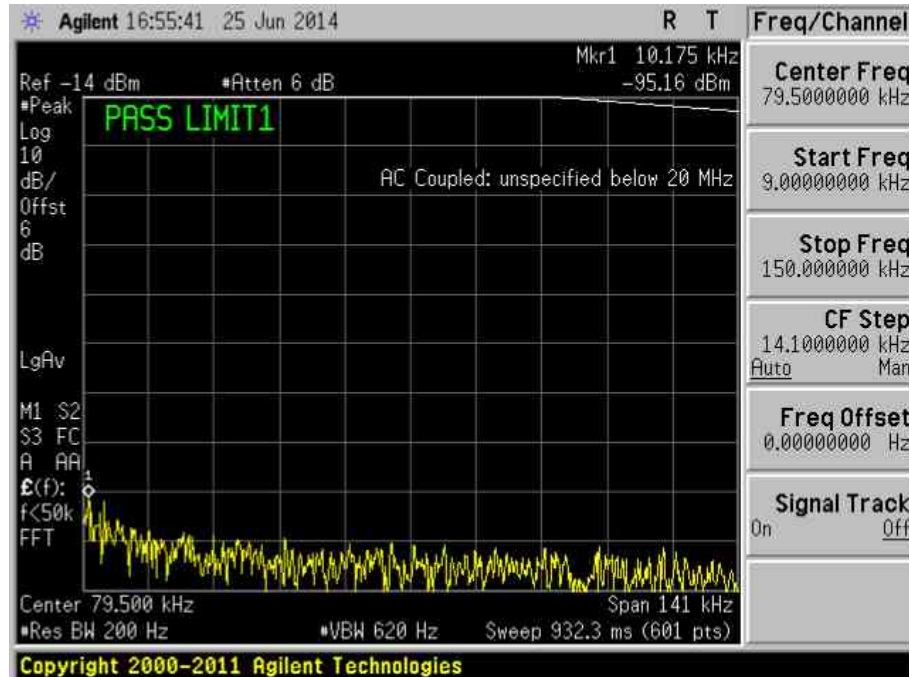
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



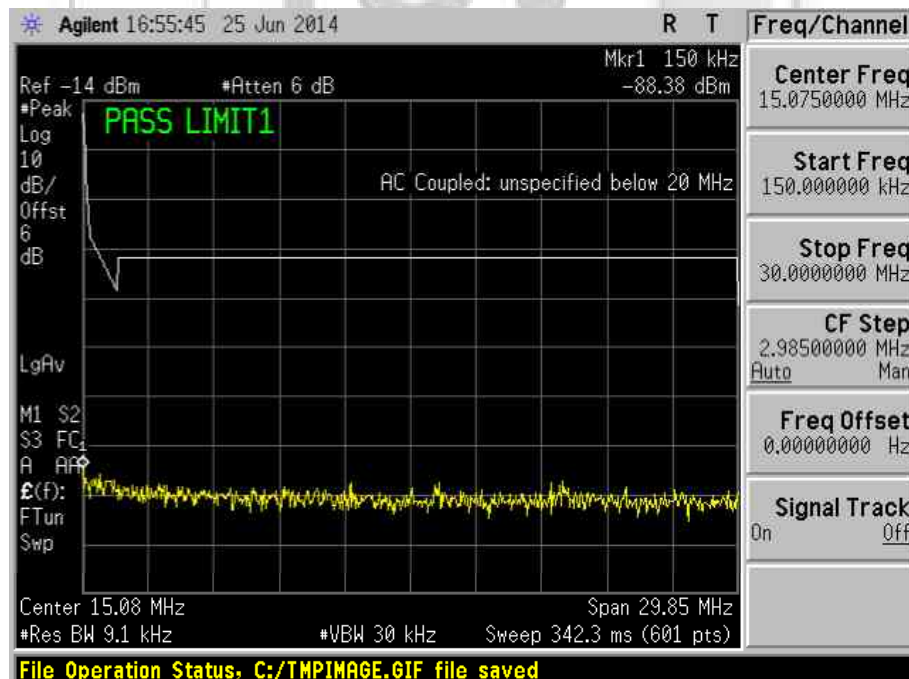
Plot 1602 – Channel 1 (lower ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



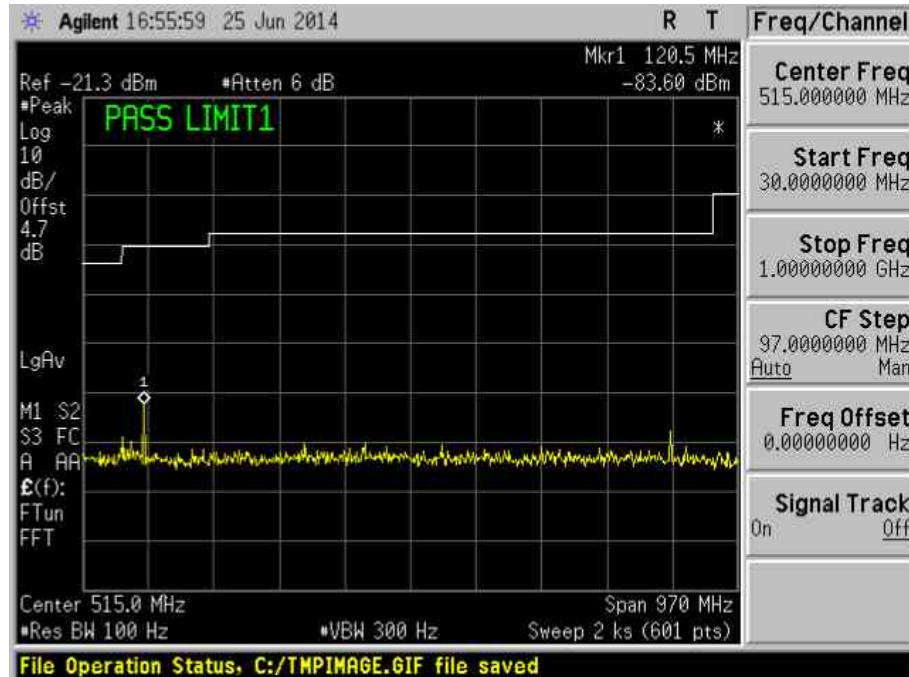
Plot 1603 – Channel 6 (middle ch) @ BPSK 9Mbps



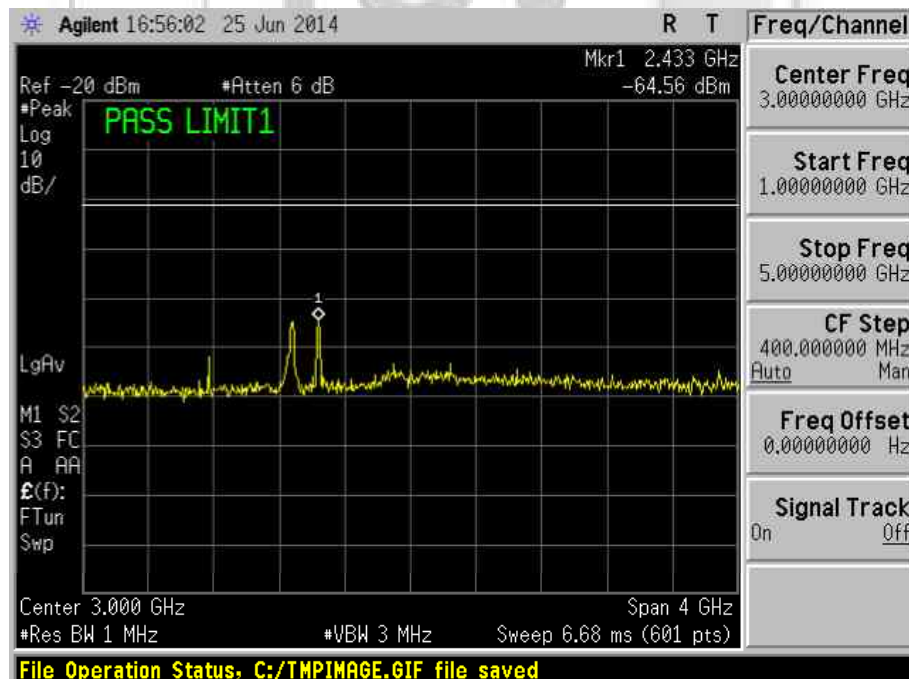
Plot 1604 – Channel 6 (middle ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



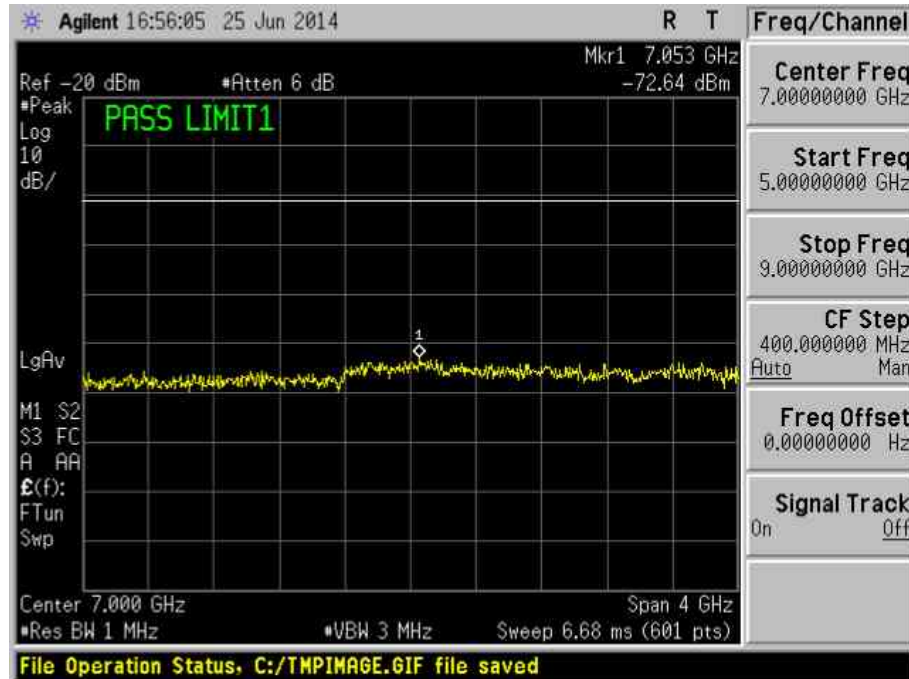
Plot 1605 – Channel 6 (middle ch) @ BPSK 9Mbps



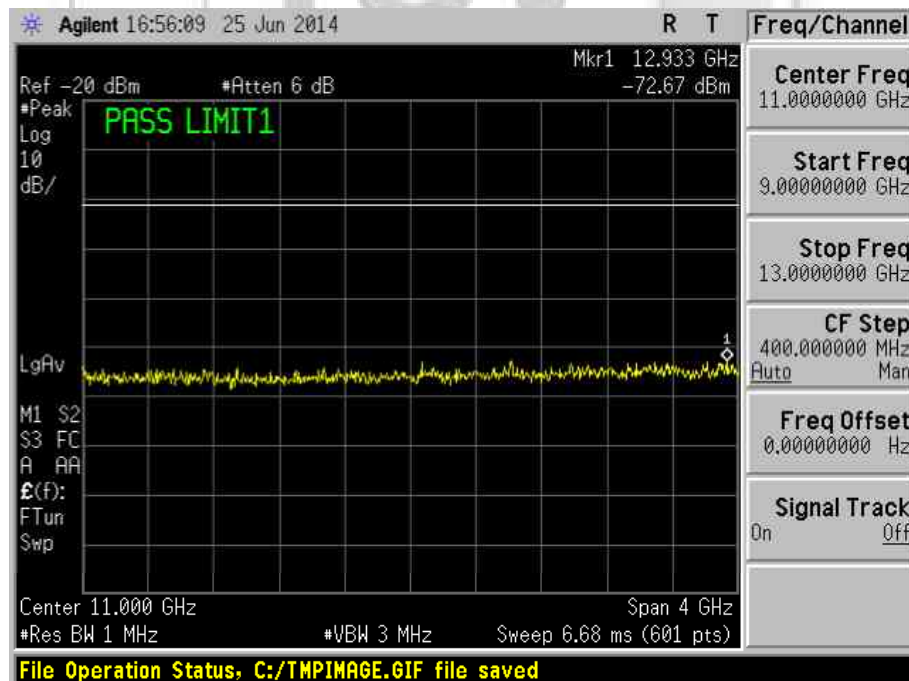
Plot 1606 – Channel 6 (middle ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



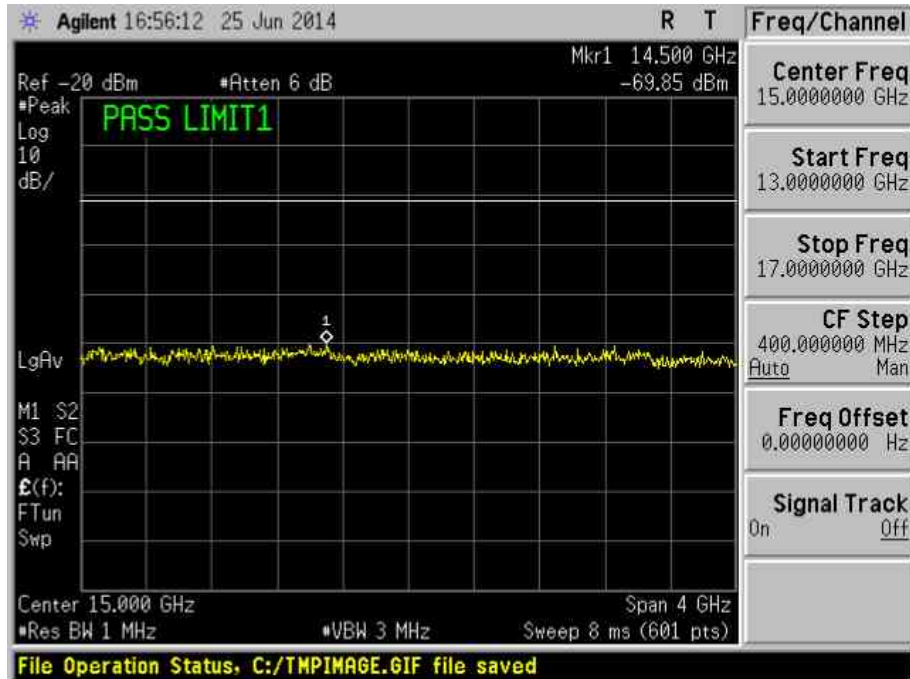
Plot 1607 – Channel 6 (middle ch) @ BPSK 9Mbps



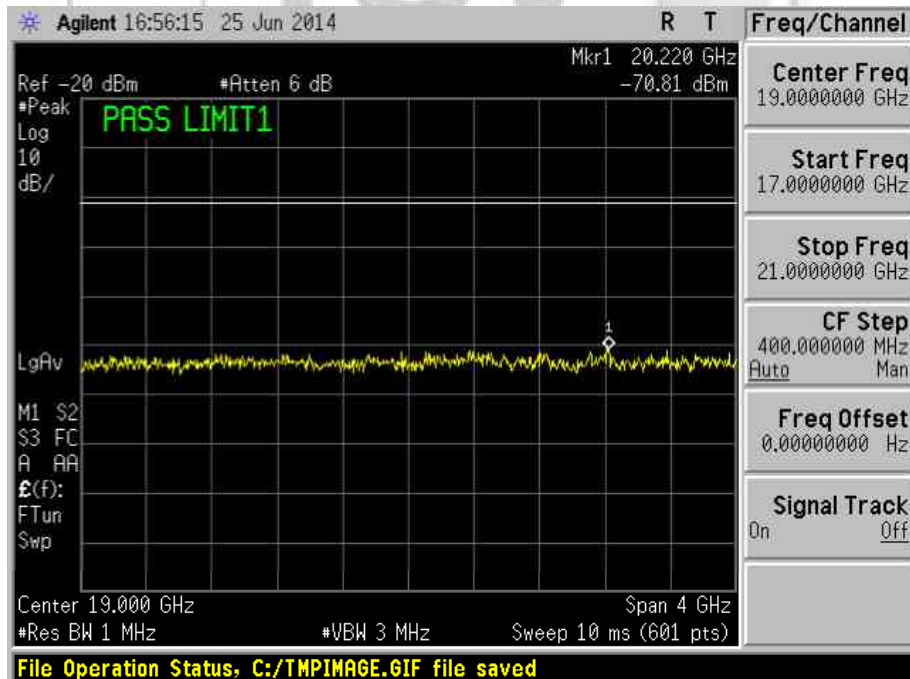
Plot 1608 – Channel 6 (middle ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



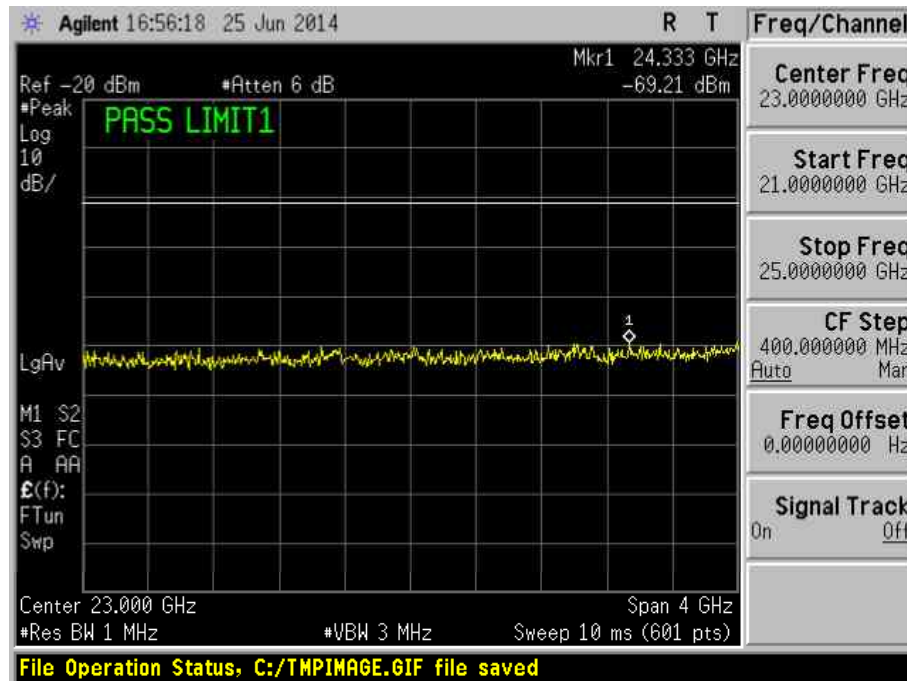
Plot 1609 – Channel 6 (middle ch) @ BPSK 9Mbps



Plot 1610 – Channel 6 (middle ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

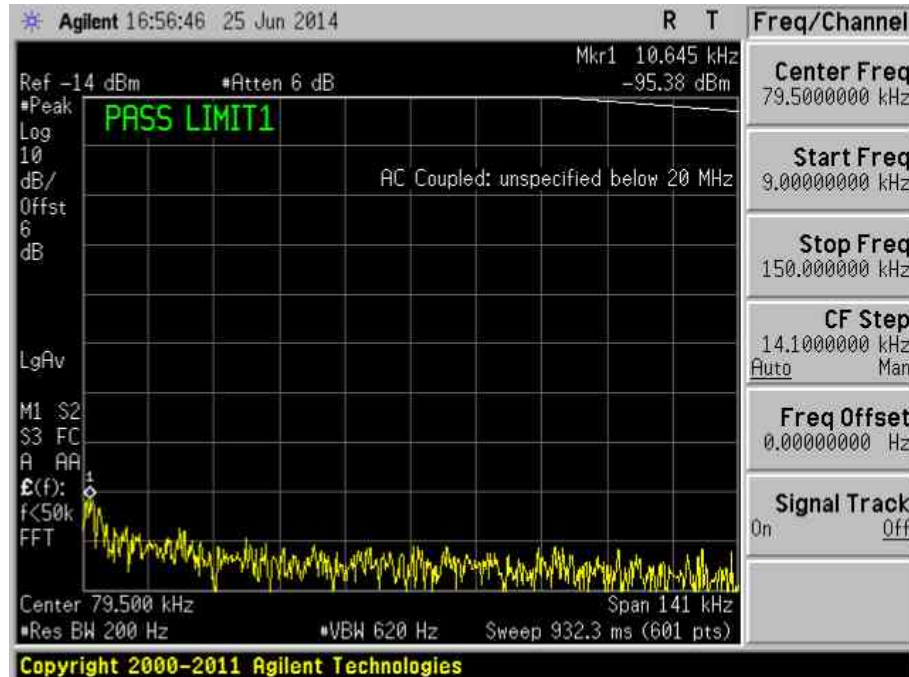
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



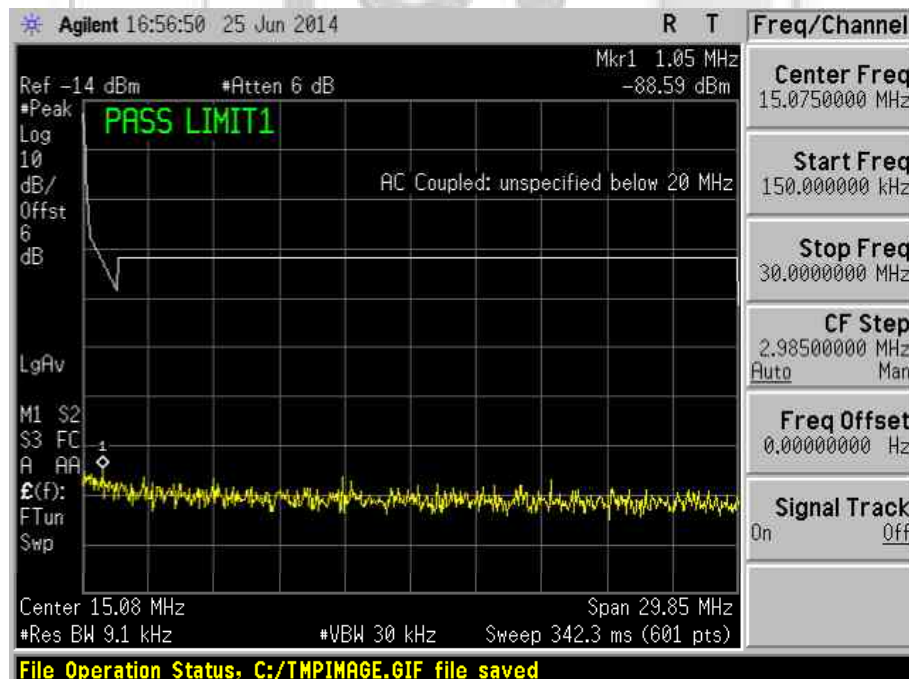
Plot 1611 – Channel 6 (middle ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



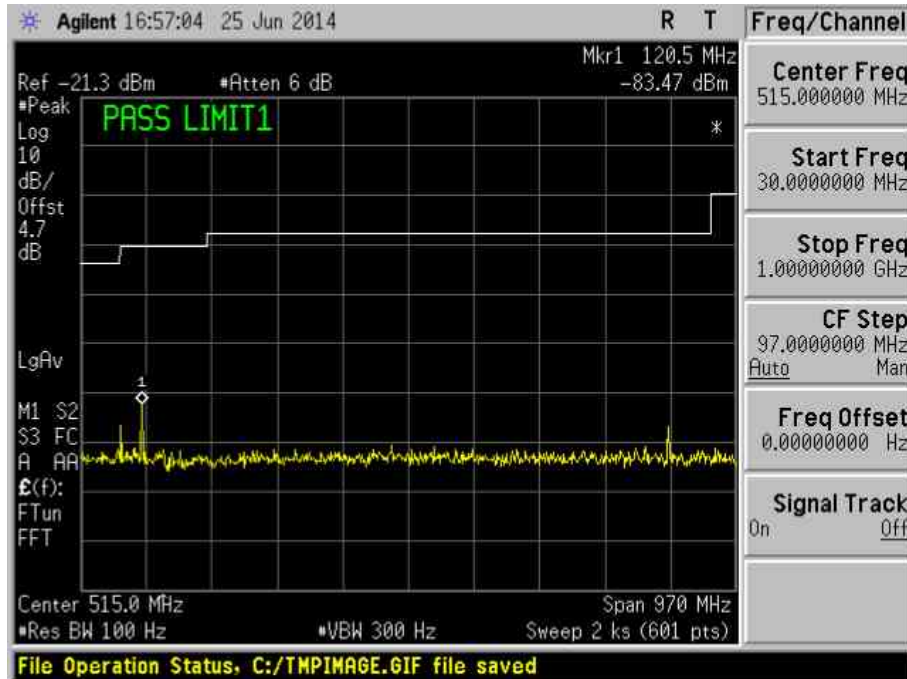
Plot 1612 – Channel 6 (middle ch) @ QPSK 18Mbps



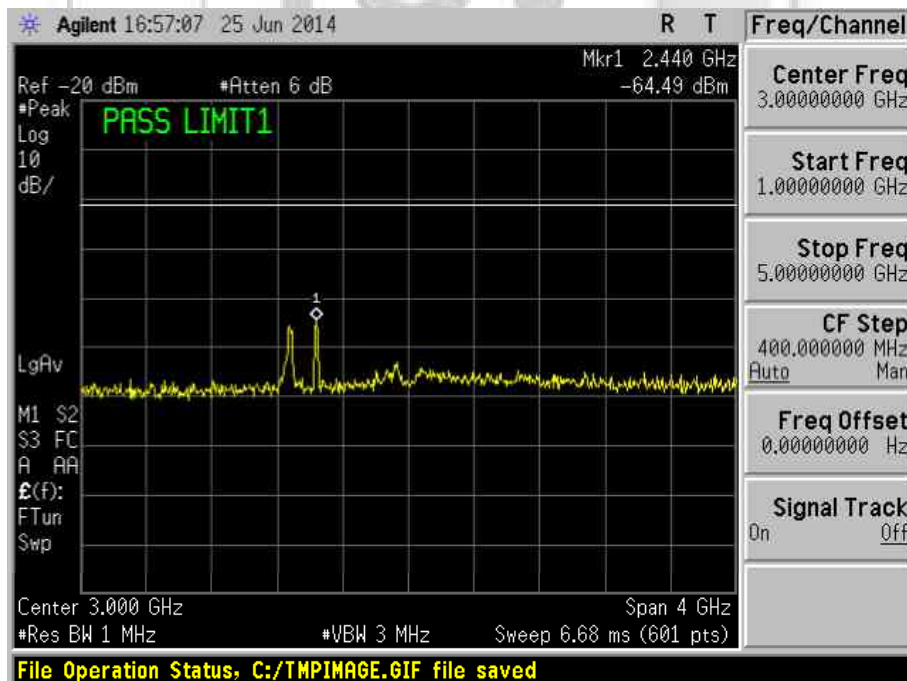
Plot 1613 – Channel 6 (middle ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



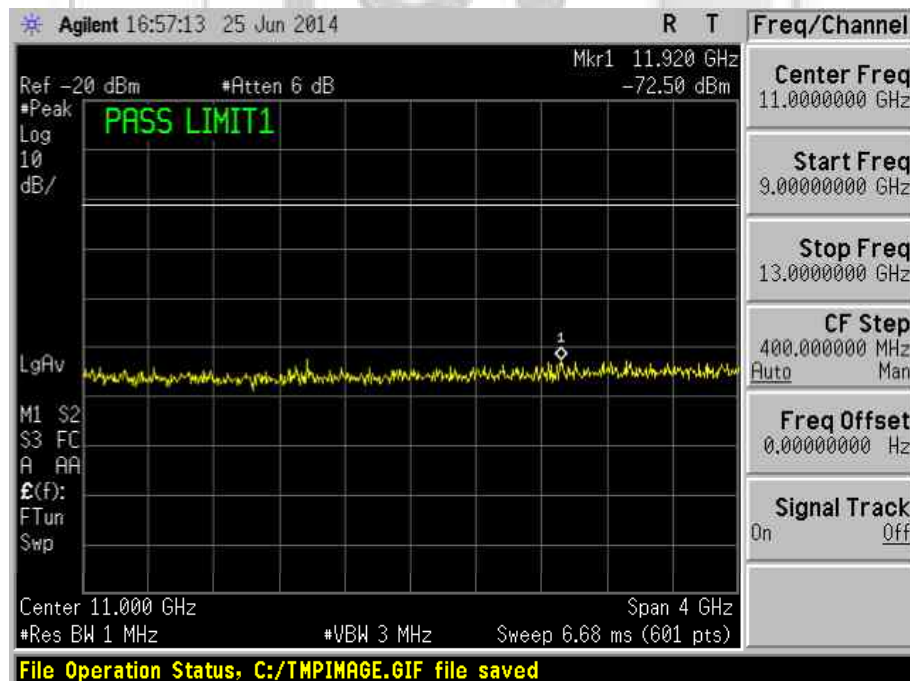
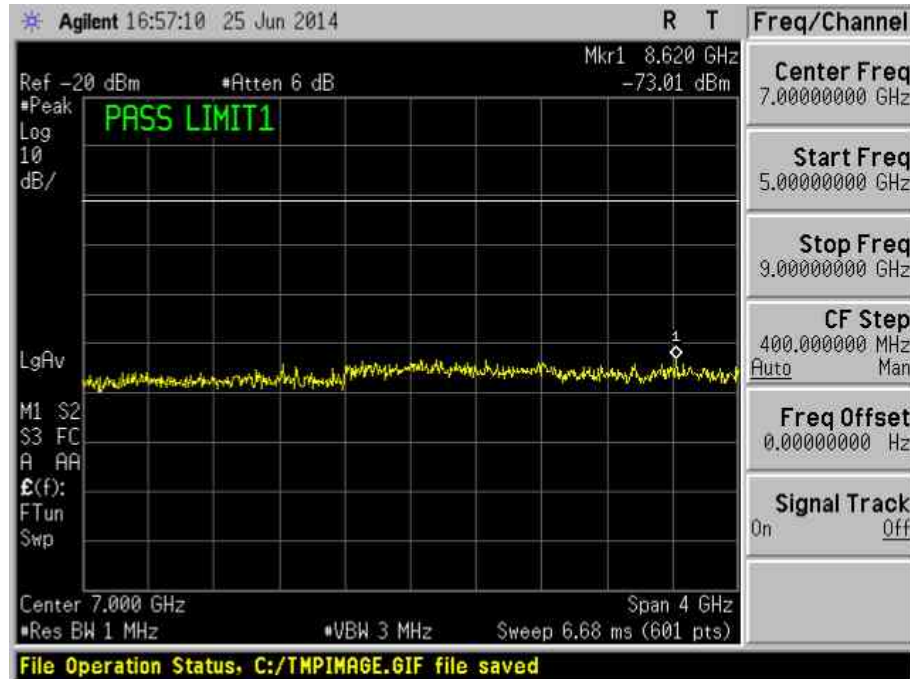
Plot 1614 – Channel 6 (middle ch) @ QPSK 18Mbps



Plot 1615 – Channel 6 (middle ch) @ QPSK 18Mbps

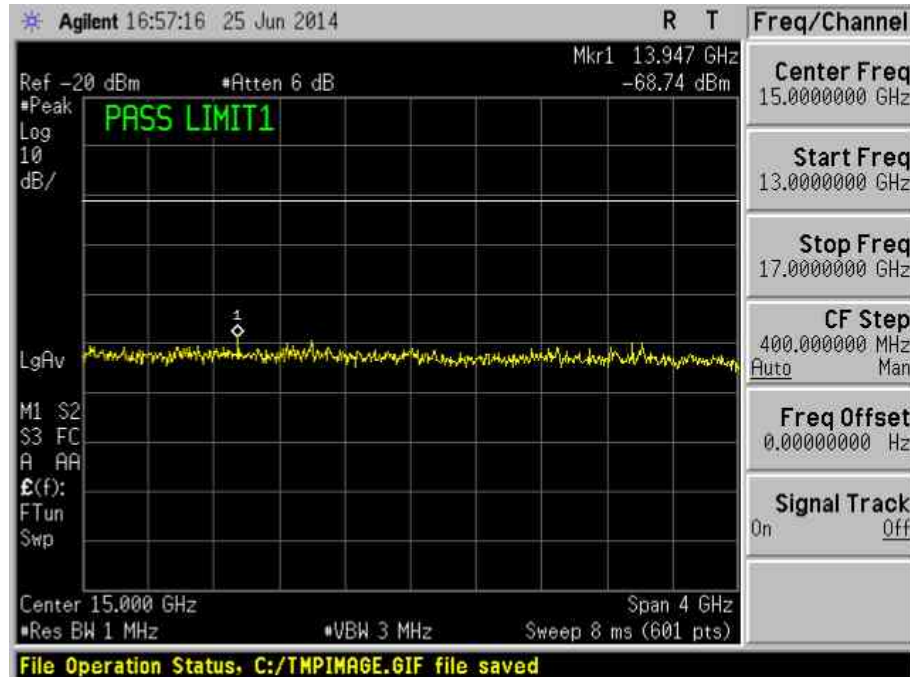
RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g

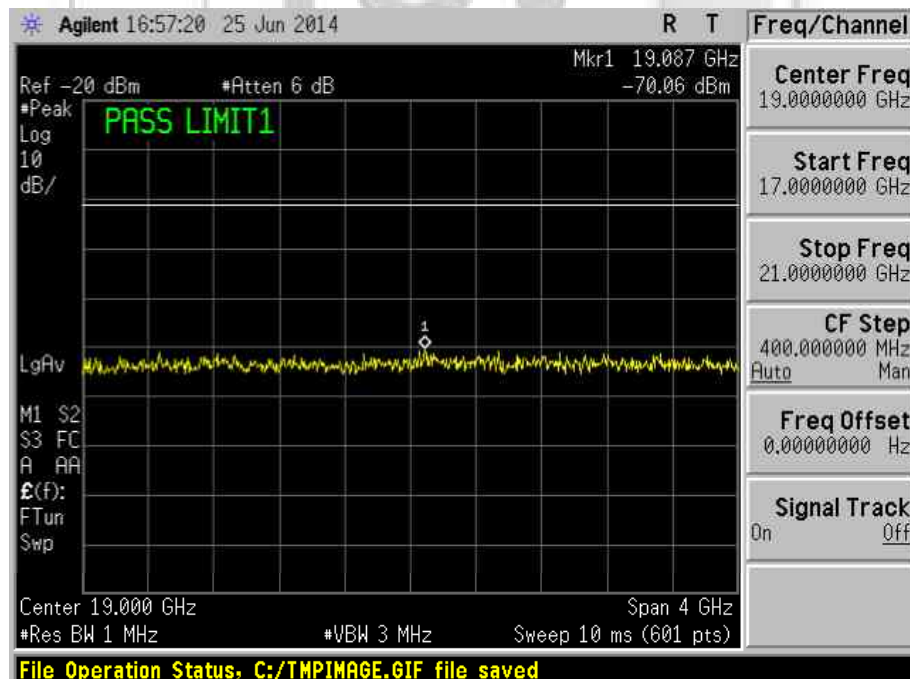


RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



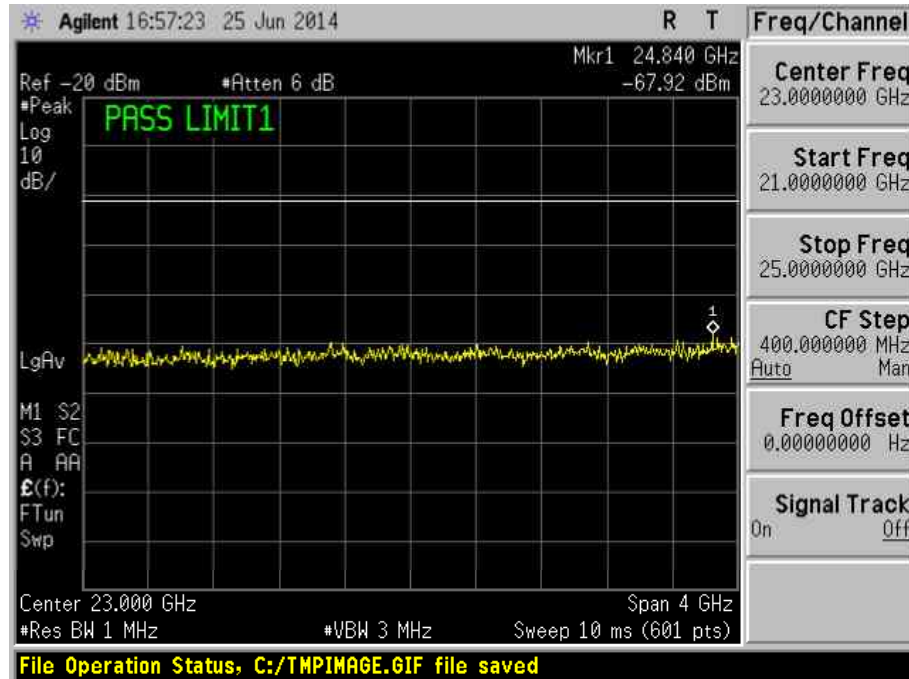
Plot 1618 – Channel 6 (middle ch) @ QPSK 18Mbps



Plot 1619 – Channel 6 (middle ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

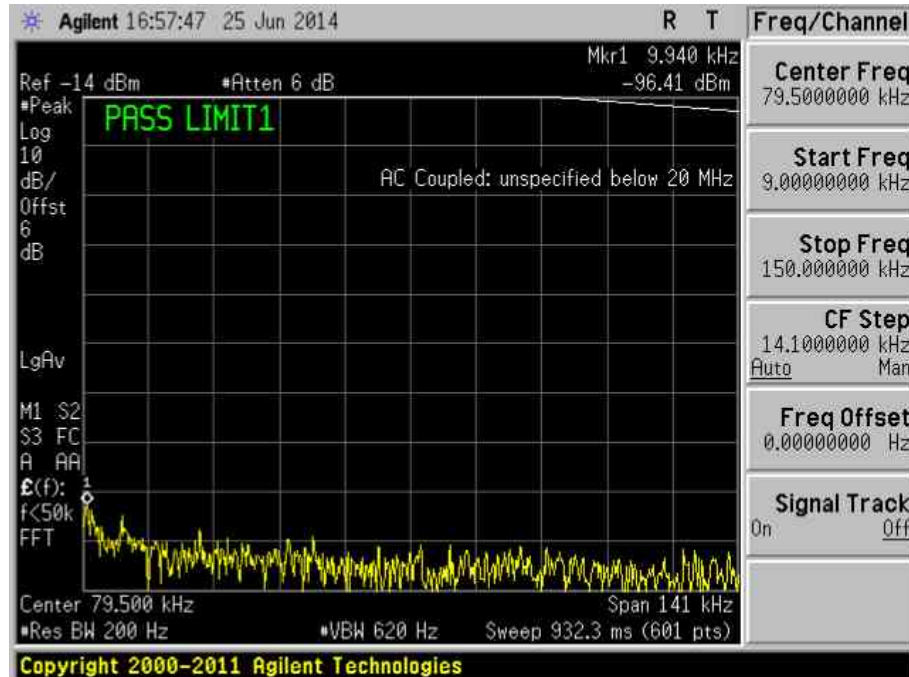
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



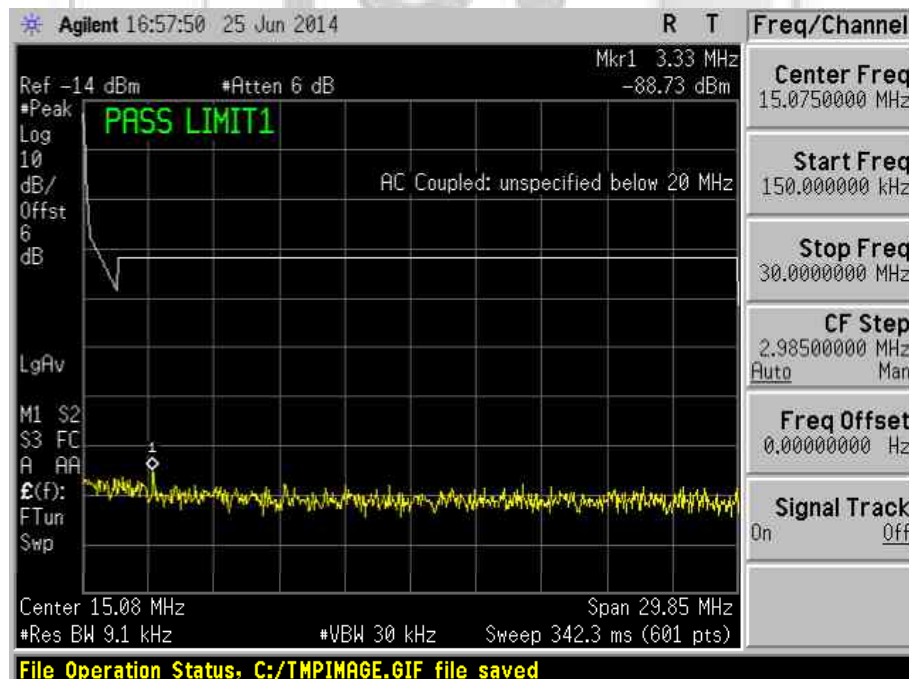
Plot 1620 – Channel 6 (middle ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



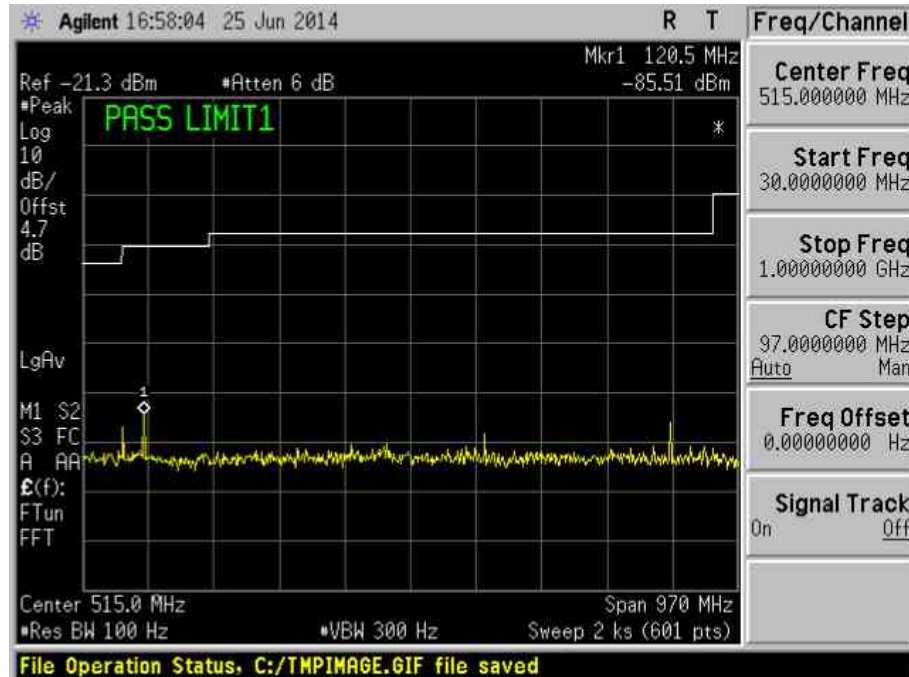
Plot 1621 – Channel 6 (middle ch) @ 16QAM 36Mbps



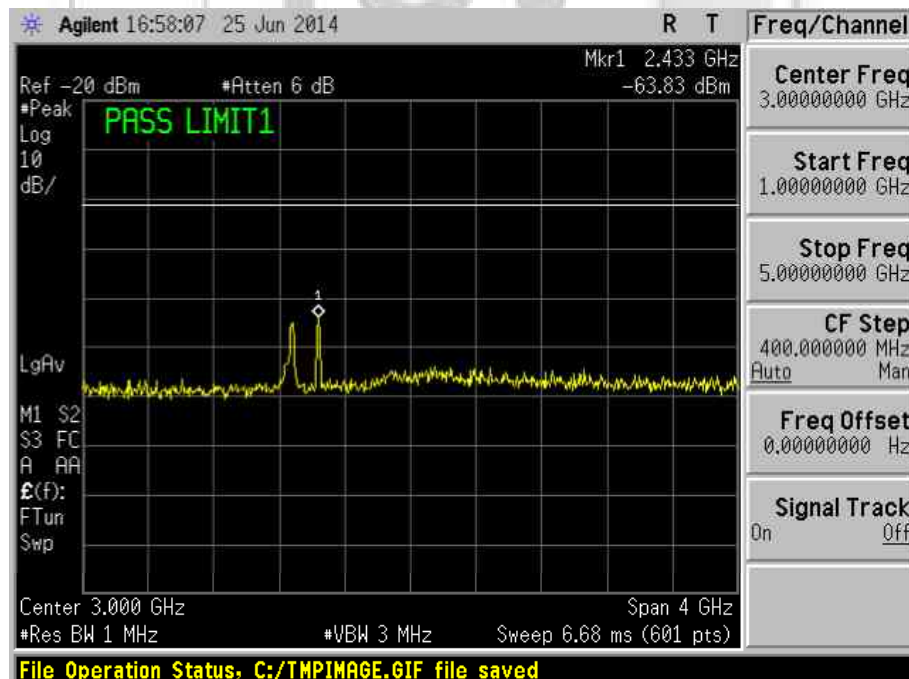
Plot 1622 – Channel 6 (middle ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



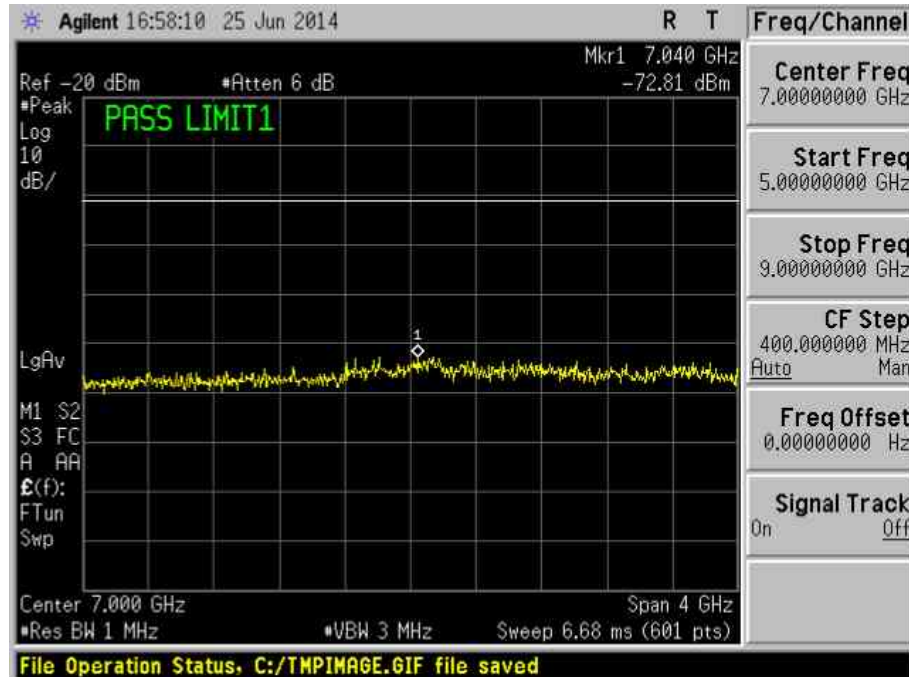
Plot 1623 – Channel 6 (middle ch) @ 16QAM 36Mbps



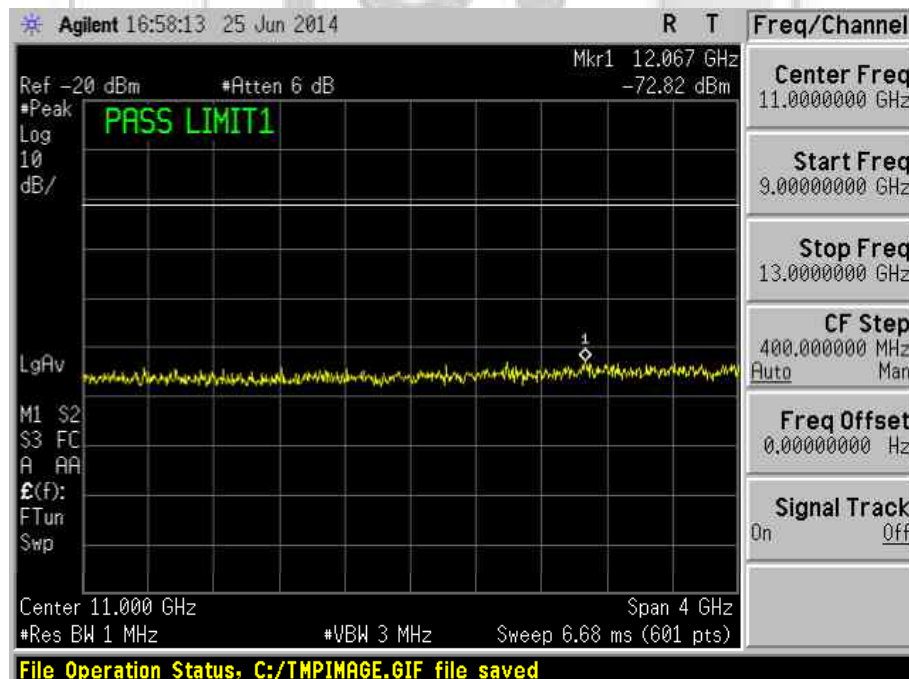
Plot 1624 – Channel 6 (middle ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



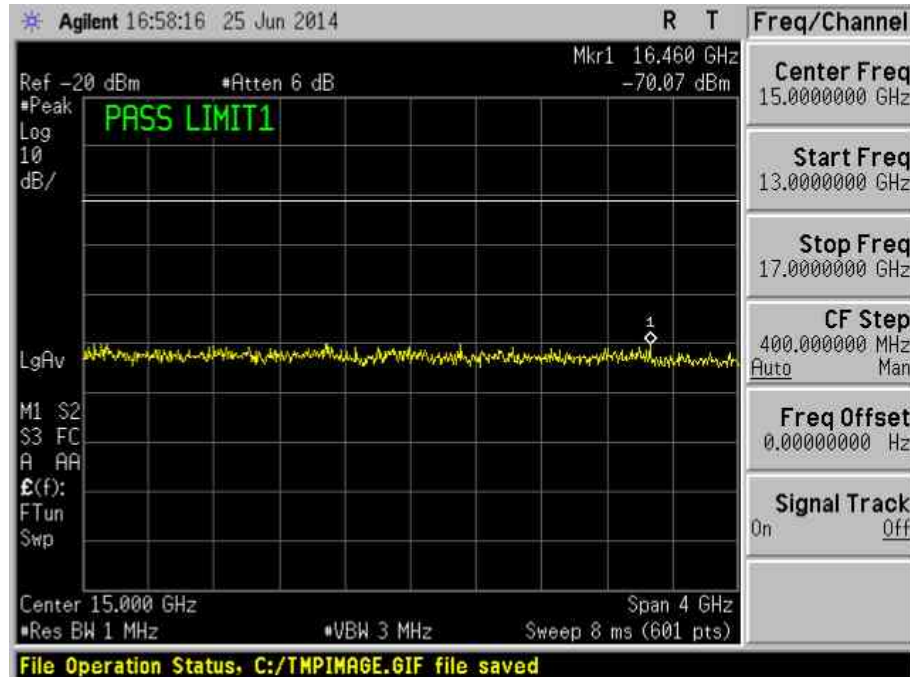
Plot 1625 – Channel 6 (middle ch) @ 16QAM 36Mbps



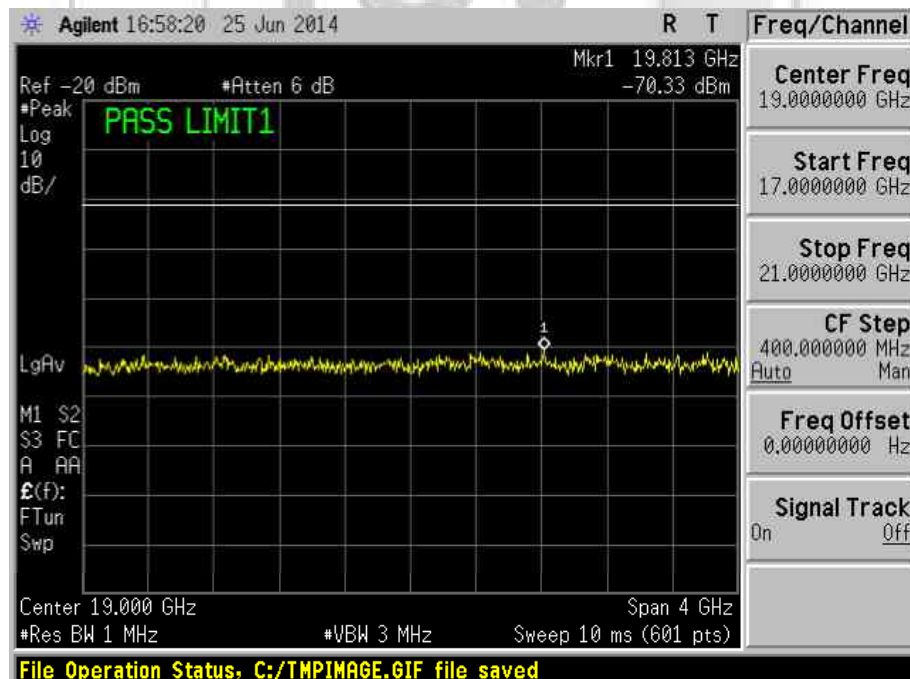
Plot 1626 – Channel 6 (middle ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



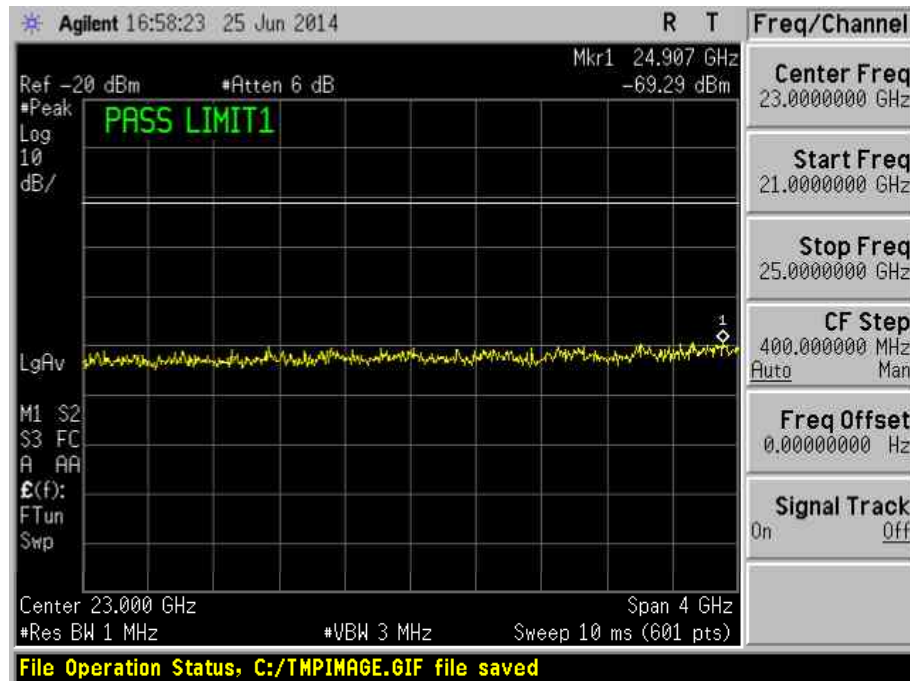
Plot 1627 – Channel 6 (middle ch) @ 16QAM 36Mbps



Plot 1628 – Channel 6 (middle ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

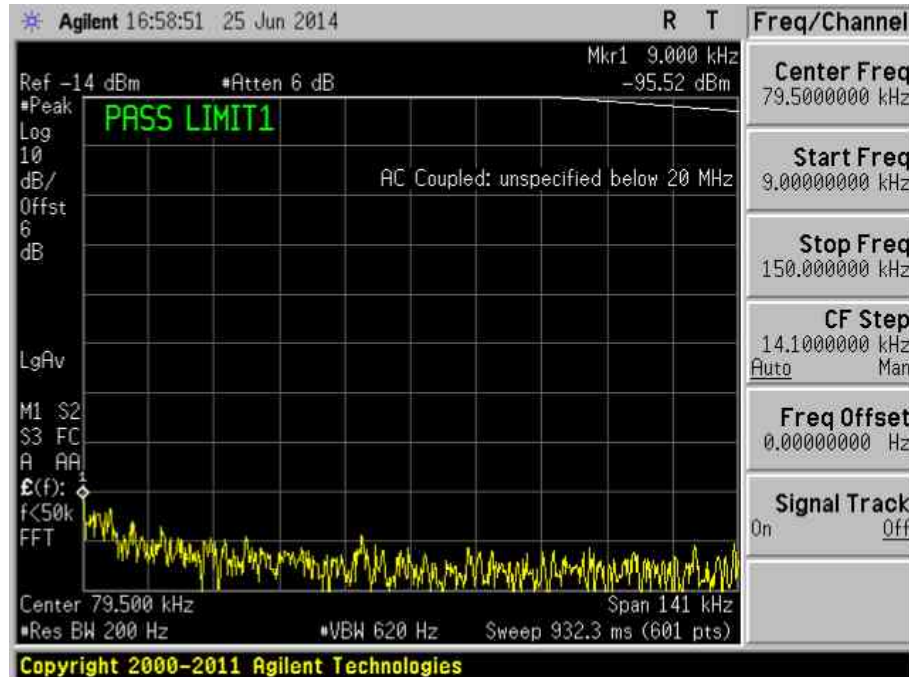
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



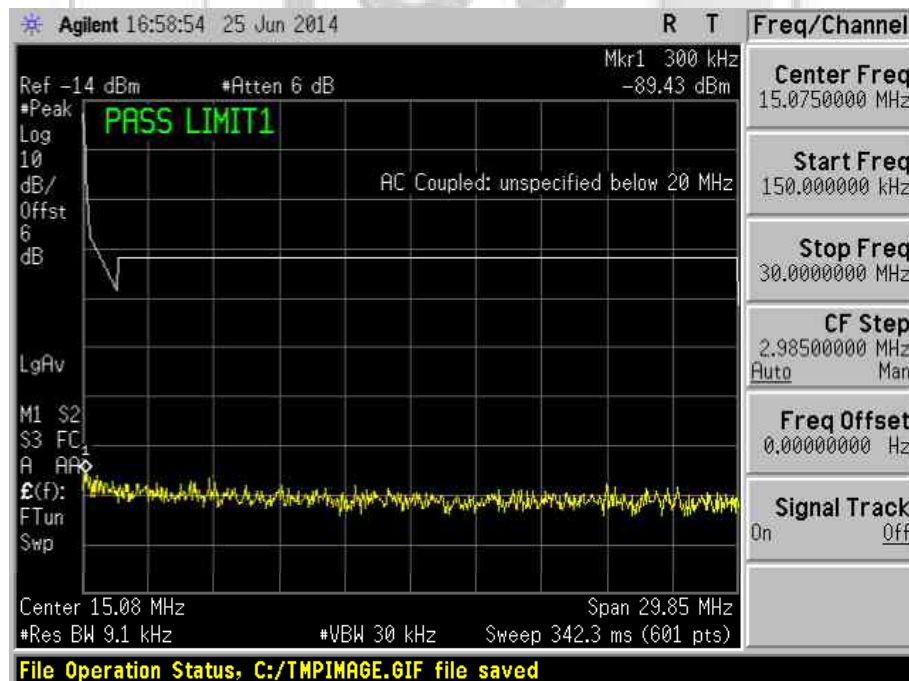
Plot 1629 – Channel 6 (middle ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



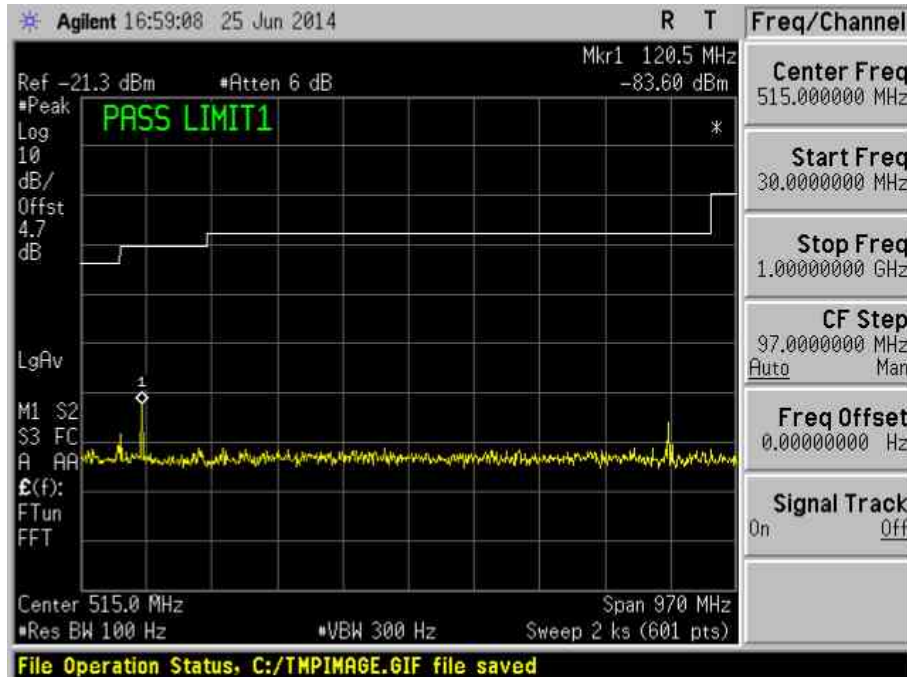
Plot 1630 – Channel 6 (middle ch) @ 64QAM 54Mbps



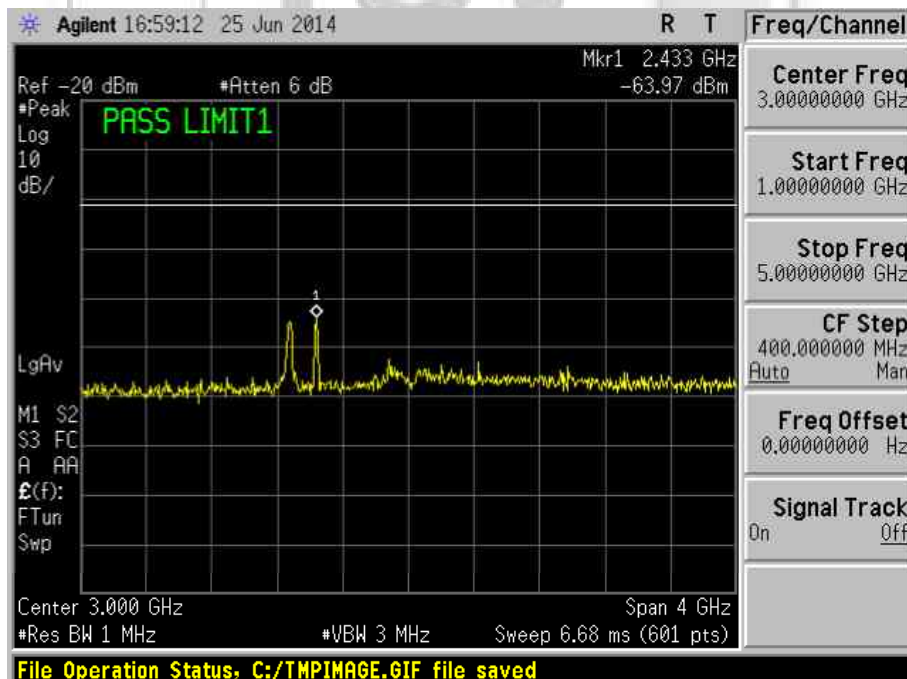
Plot 1631 – Channel 6 (middle ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



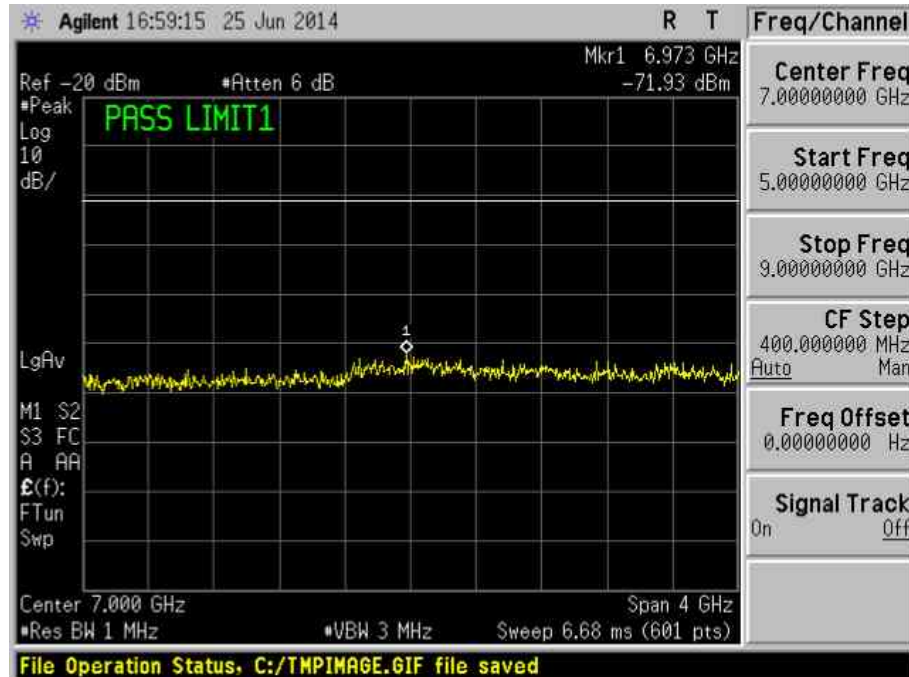
Plot 1632 – Channel 6 (middle ch) @ 64QAM 54Mbps



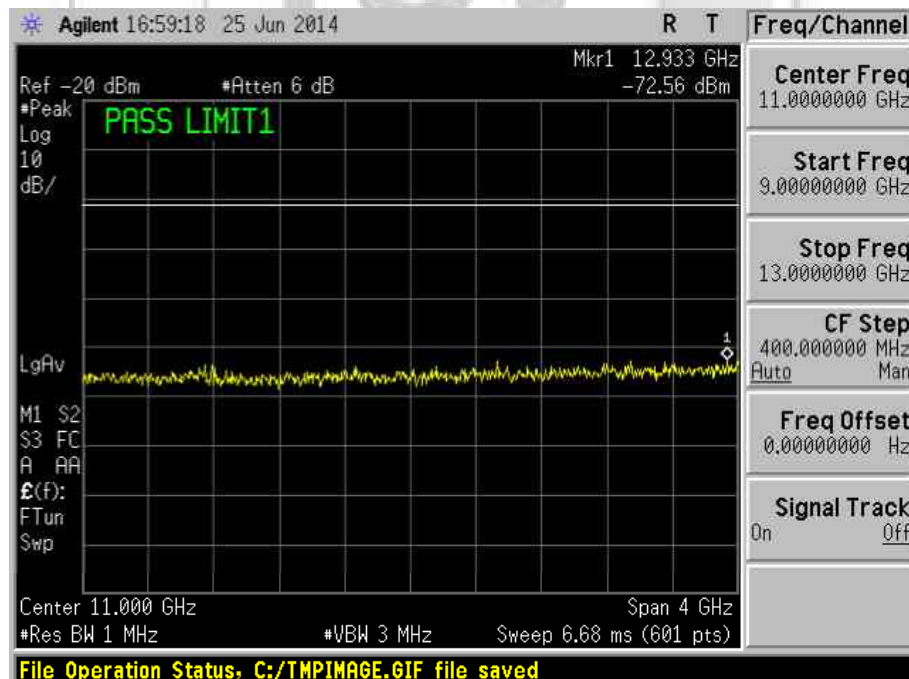
Plot 1633 – Channel 6 (middle ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



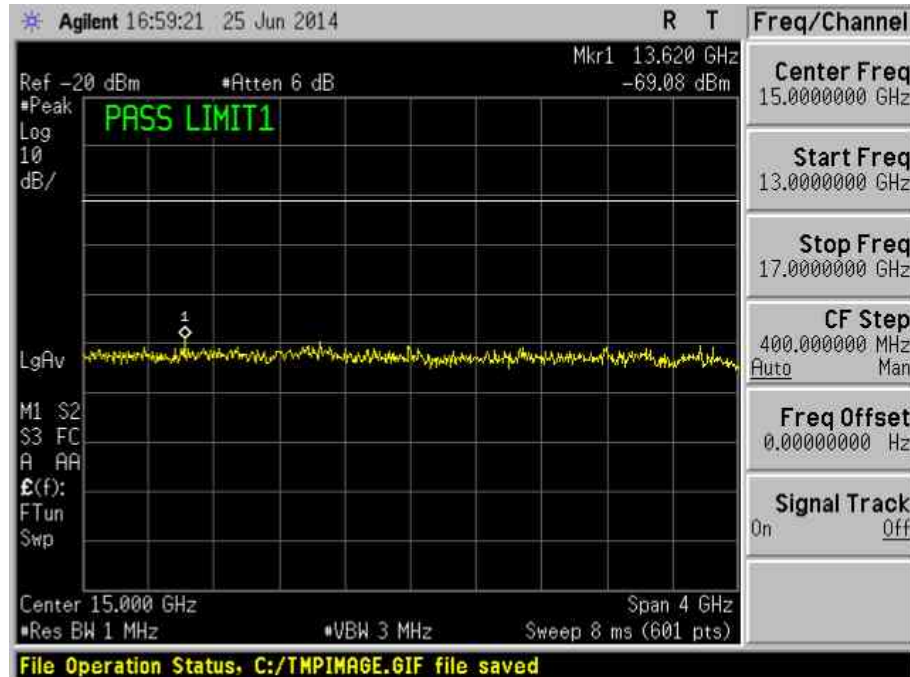
Plot 1634 – Channel 6 (middle ch) @ 64QAM 54Mbps



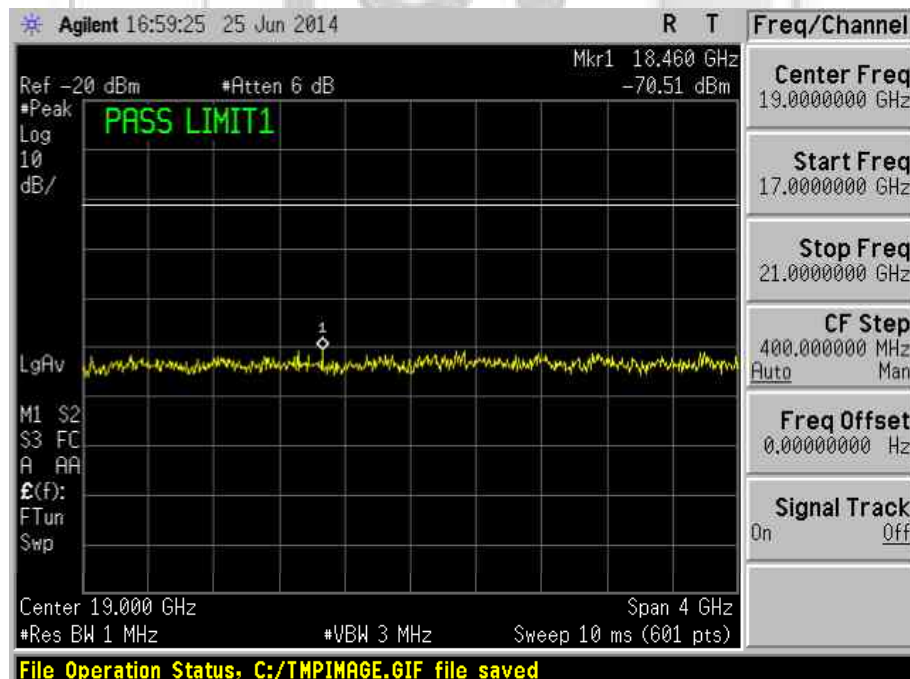
Plot 1635 – Channel 6 (middle ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



Plot 1636 – Channel 6 (middle ch) @ 64QAM 54Mbps

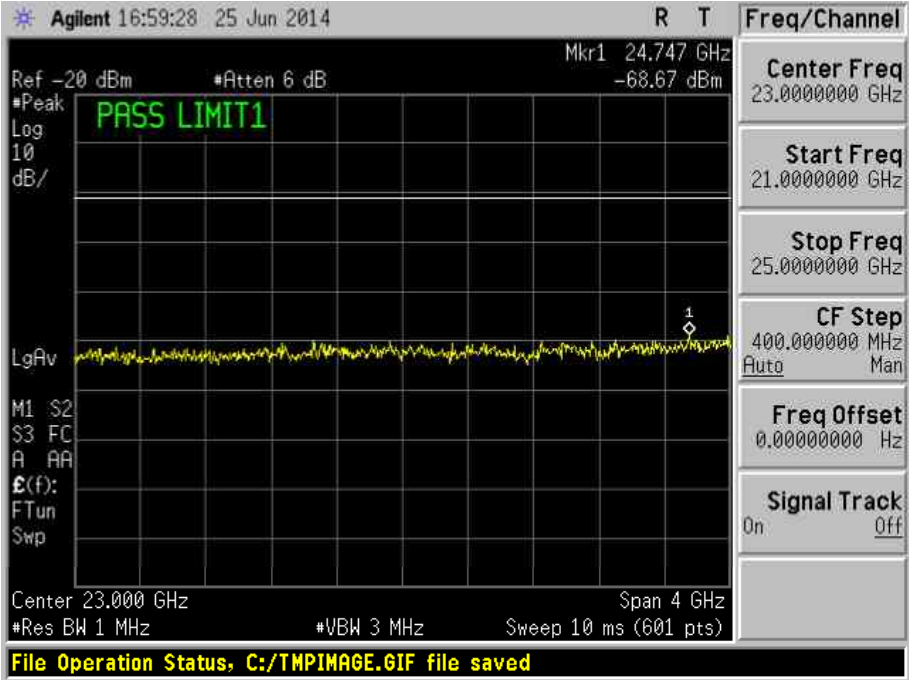


Plot 1637 – Channel 6 (middle ch) @ 64QAM 54Mbps



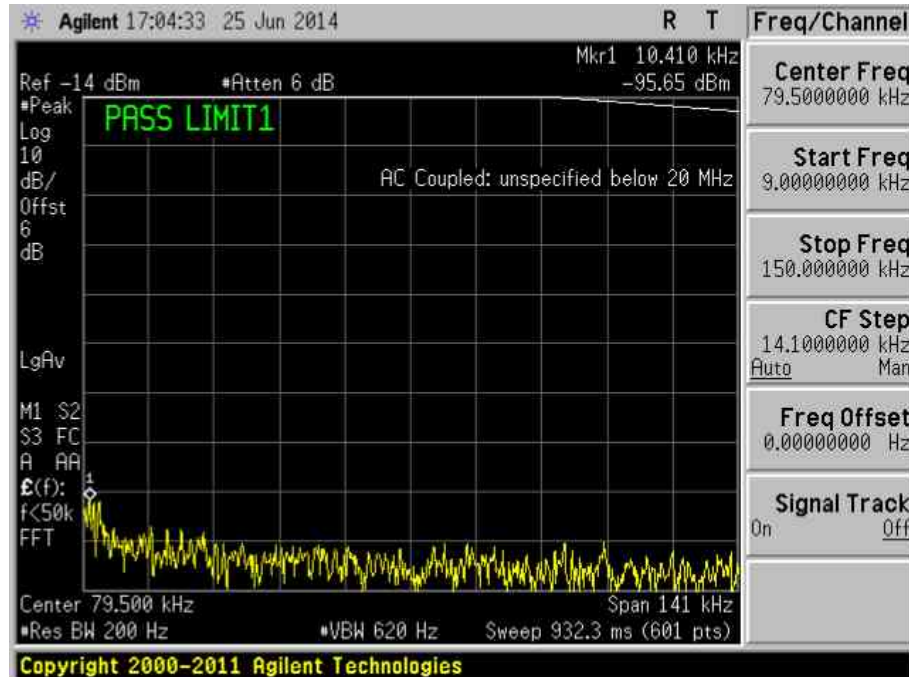
RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g

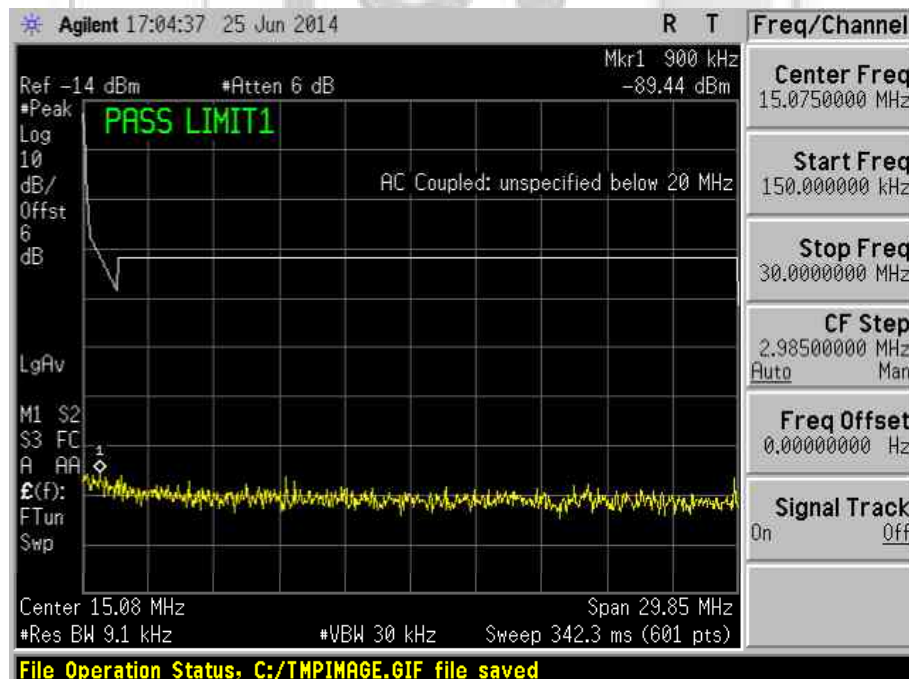


RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



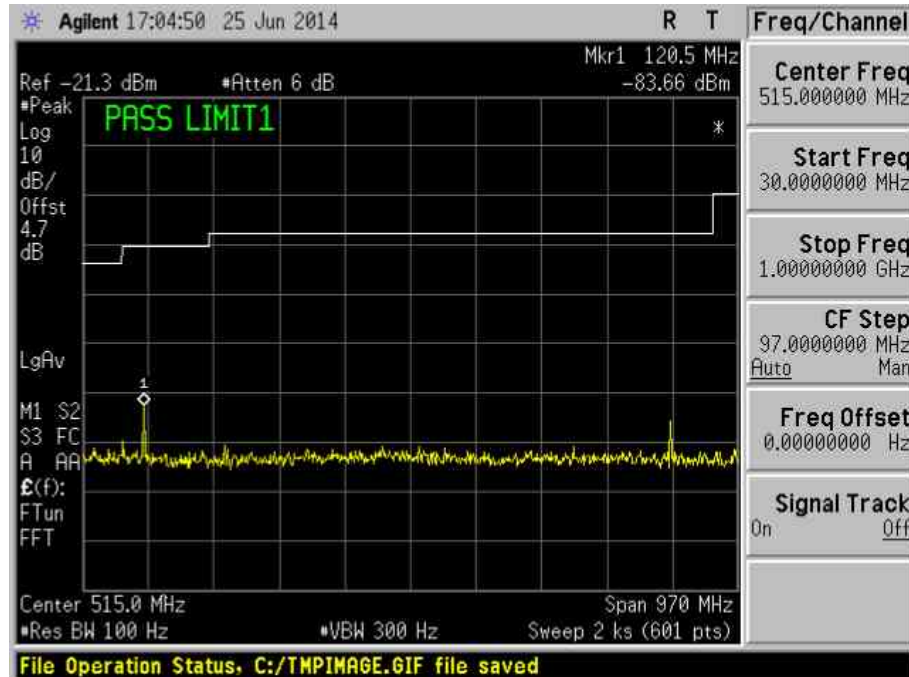
Plot 1639 – Channel 11 (upper ch) @ BPSK 9Mbps



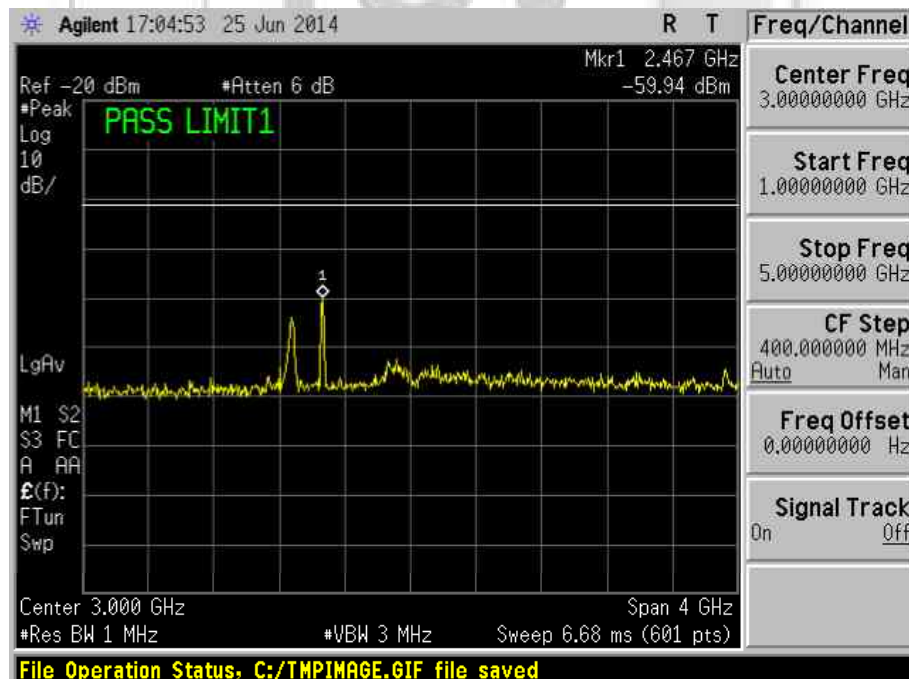
Plot 1640 – Channel 11 (upper ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



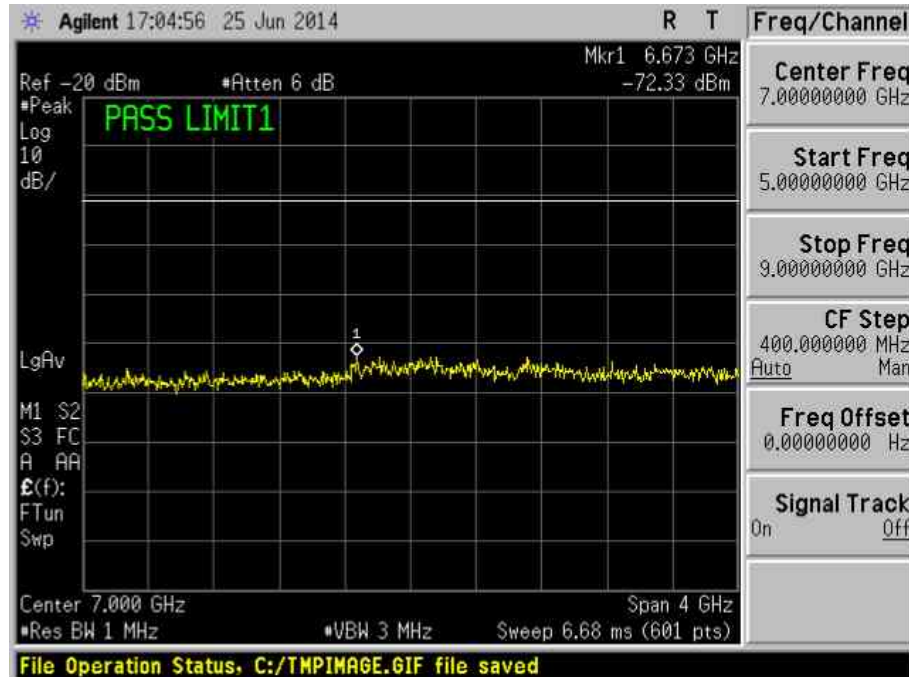
Plot 1641 – Channel 11 (upper ch) @ BPSK 9Mbps



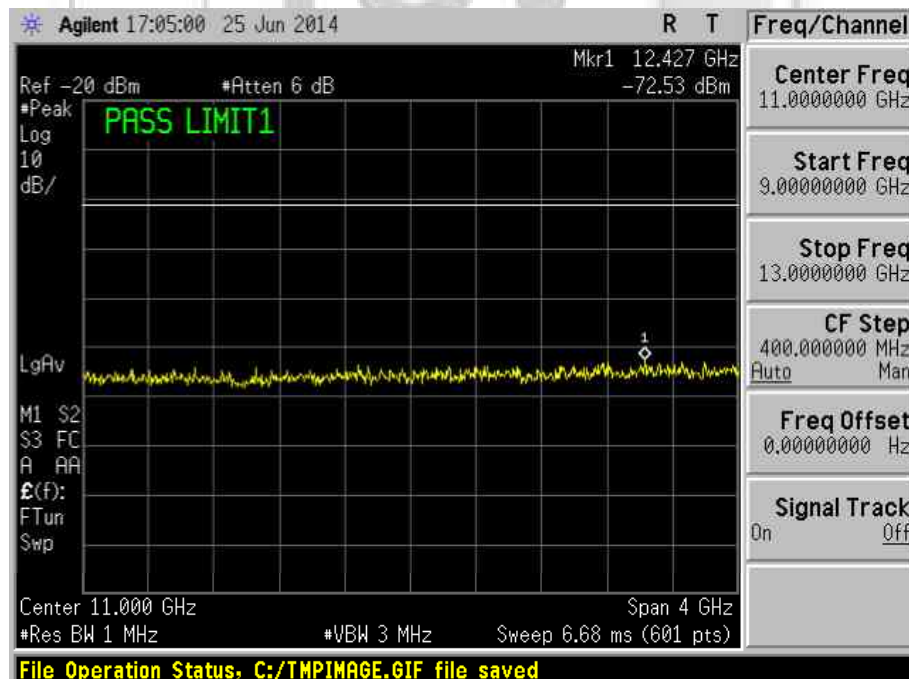
Plot 1642 – Channel 11 (upper ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



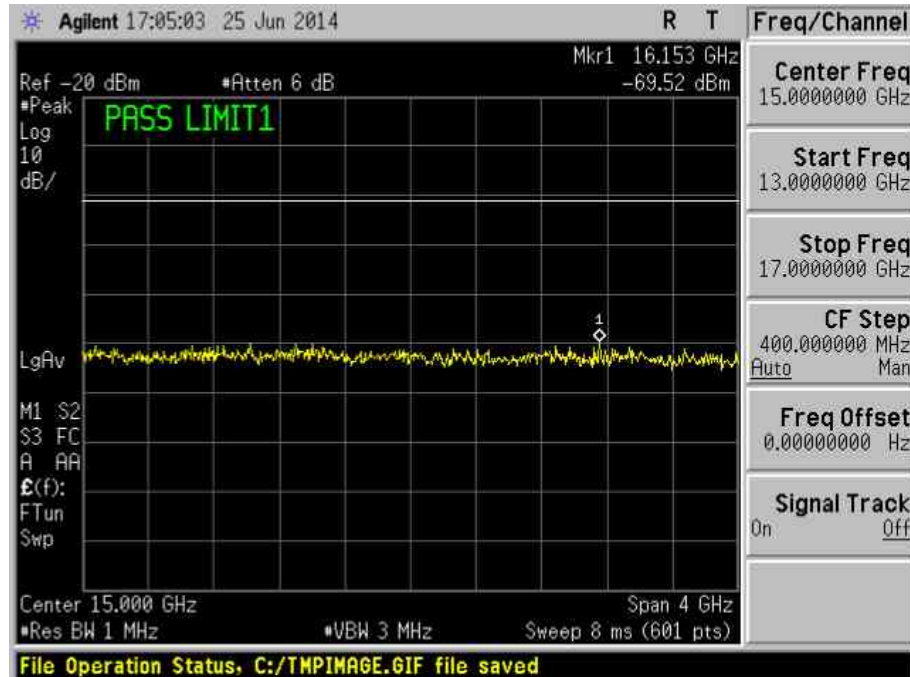
Plot 1643 – Channel 11 (upper ch) @ BPSK 9Mbps



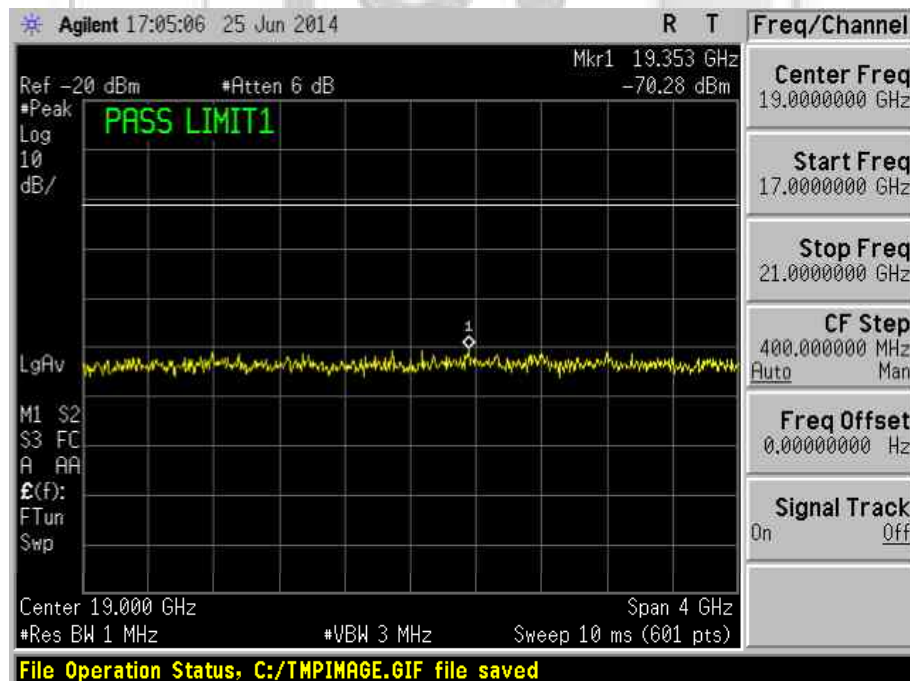
Plot 1644 – Channel 11 (upper ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



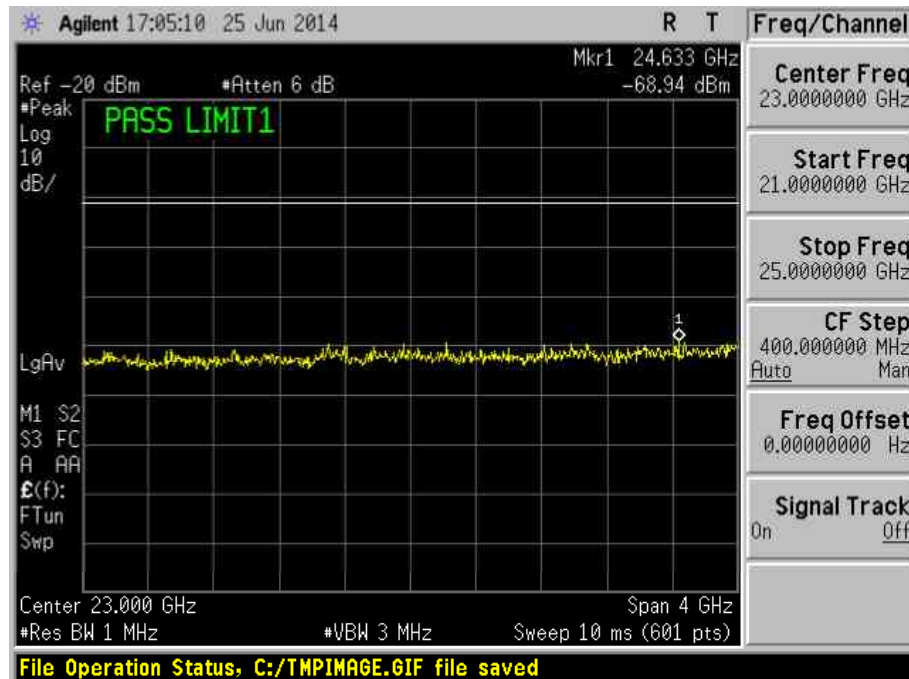
Plot 1645 – Channel 11 (upper ch) @ BPSK 9Mbps



Plot 1646 – Channel 11 (upper ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

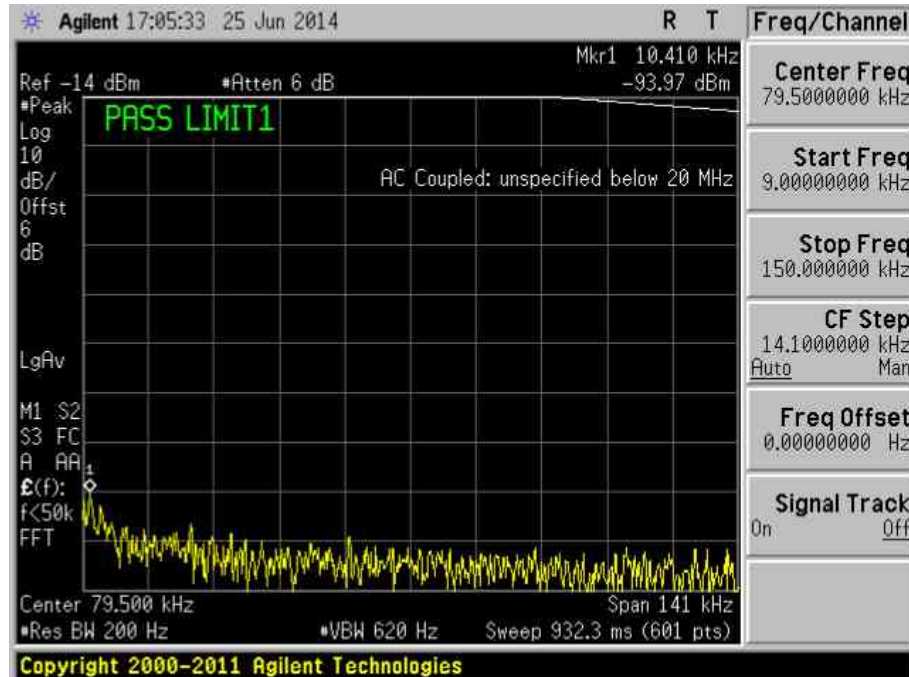
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



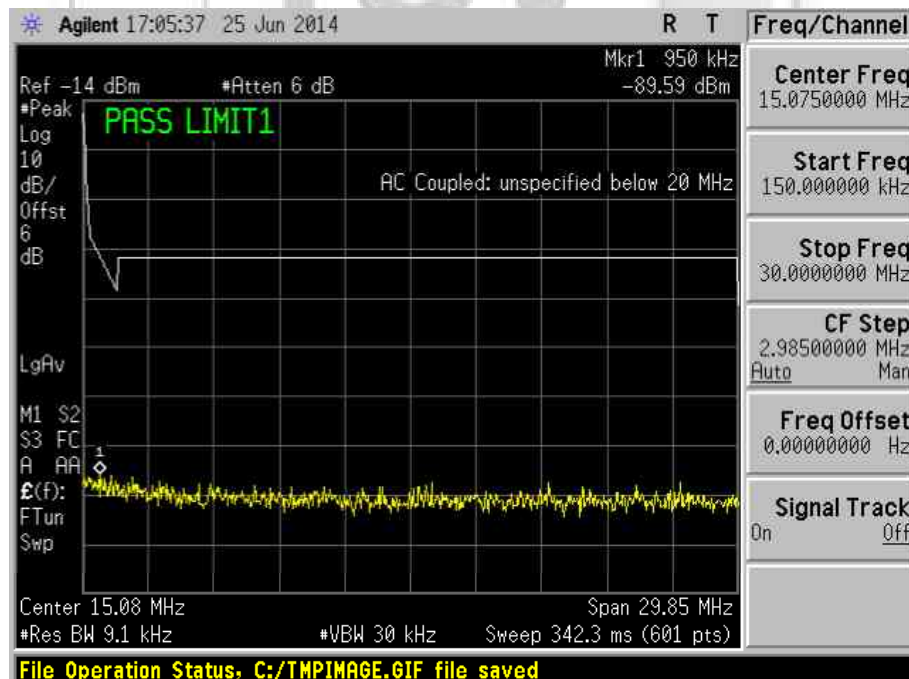
Plot 1647 – Channel 11 (upper ch) @ BPSK 9Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



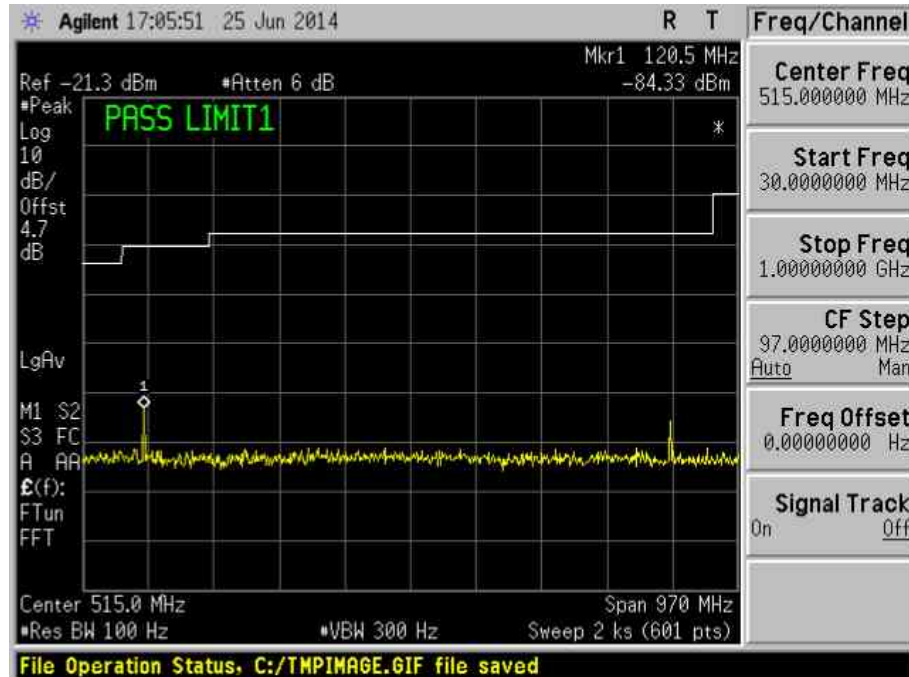
Plot 1648 – Channel 11 (upper ch) @ QPSK 18Mbps



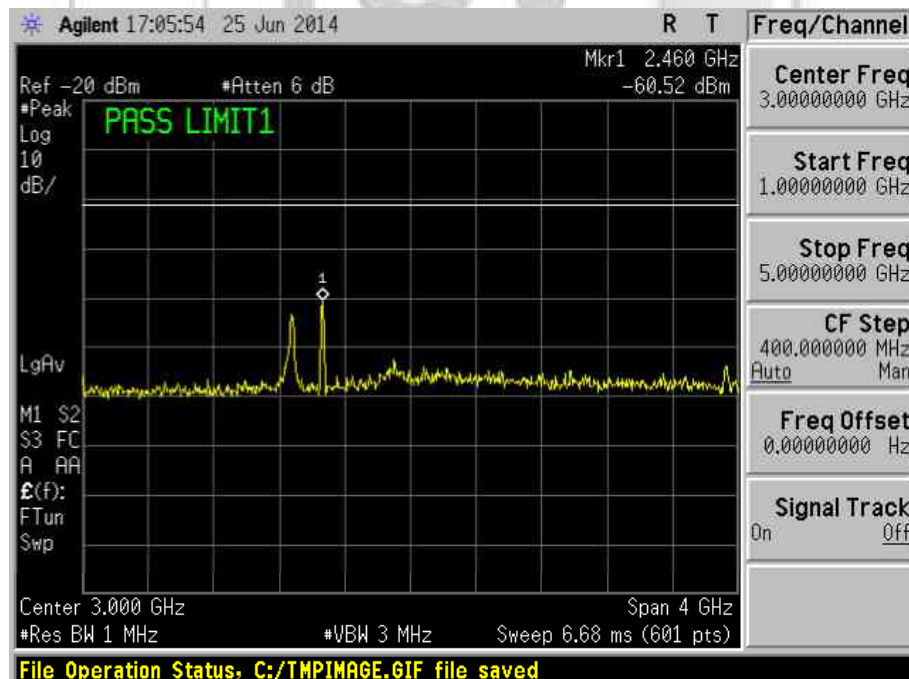
Plot 1649 – Channel 11 (upper ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



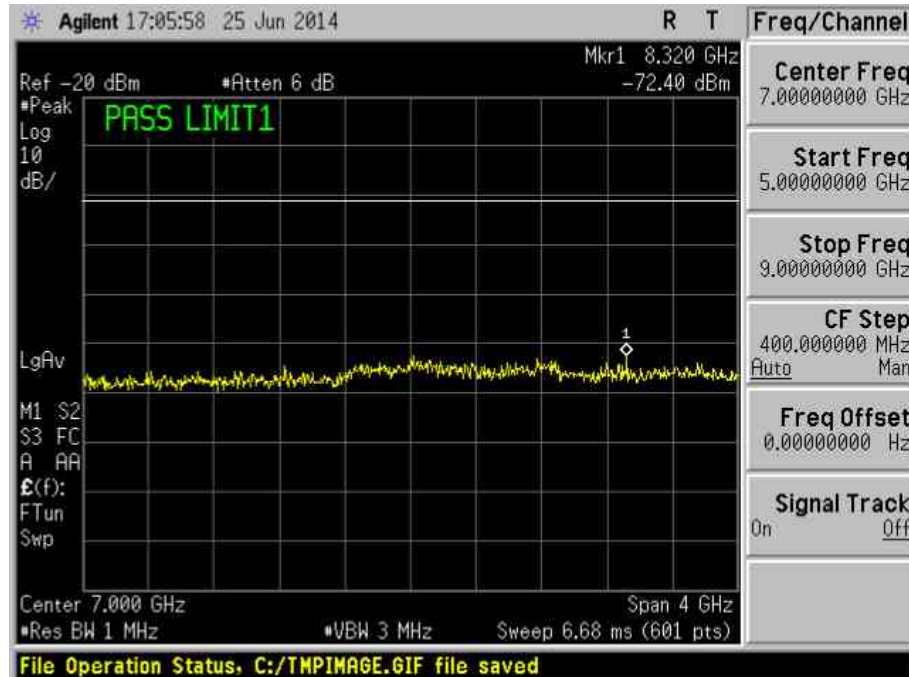
Plot 1650 – Channel 11 (upper ch) @ QPSK 18Mbps



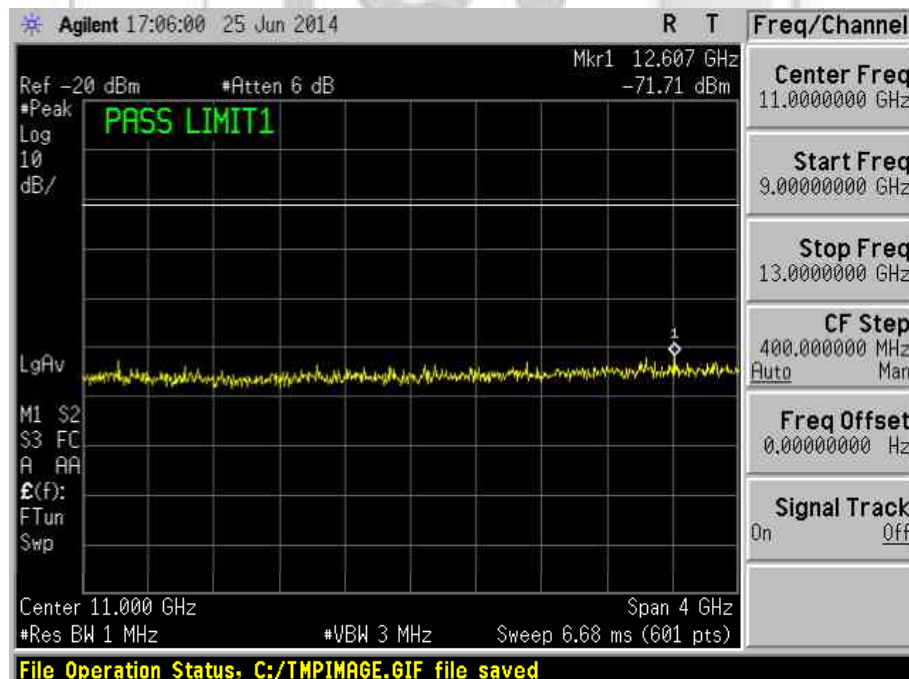
Plot 1651 – Channel 11 (upper ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



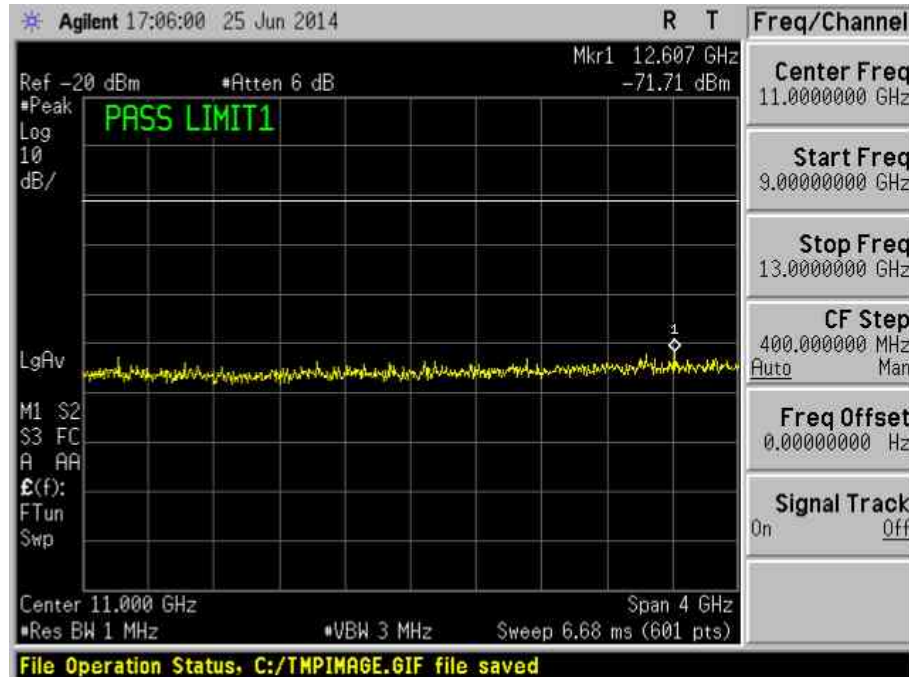
Plot 1652 – Channel 11 (upper ch) @ QPSK 18Mbps



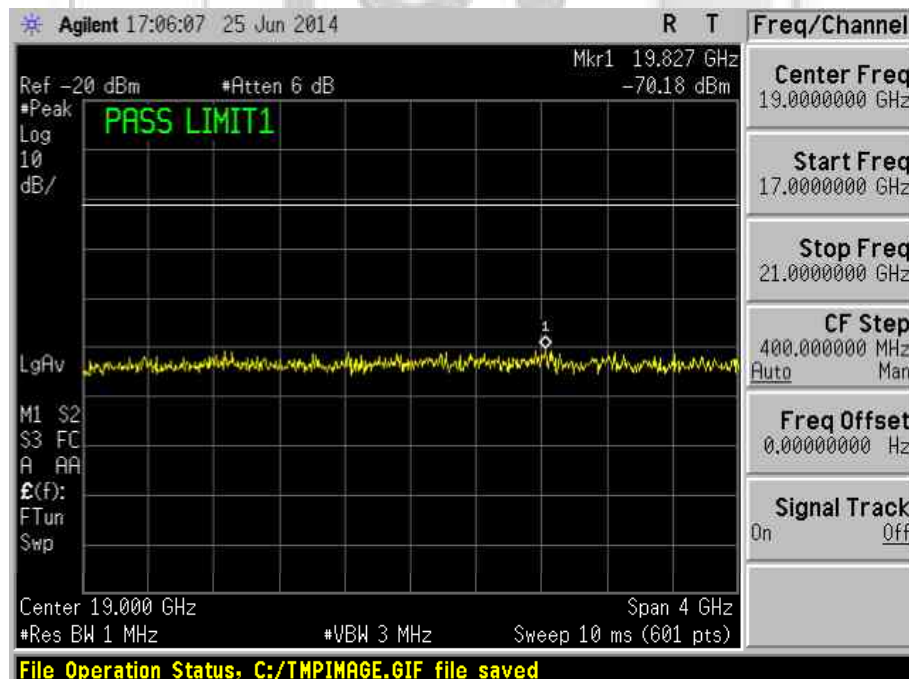
Plot 1653 – Channel 11 (upper ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



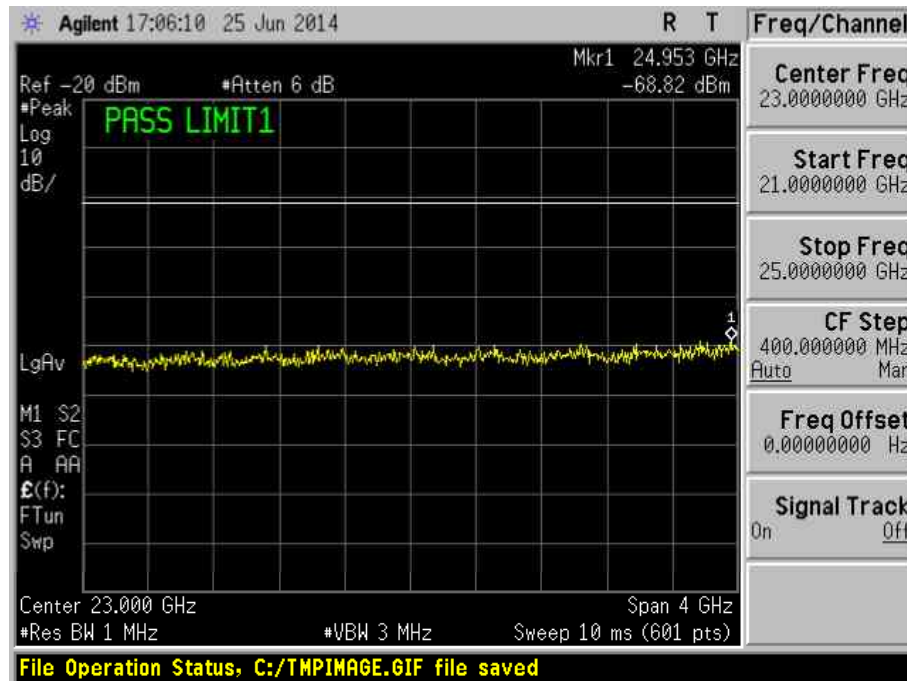
Plot 1654 – Channel 11 (upper ch) @ QPSK 18Mbps



Plot 1655 – Channel 11 (upper ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

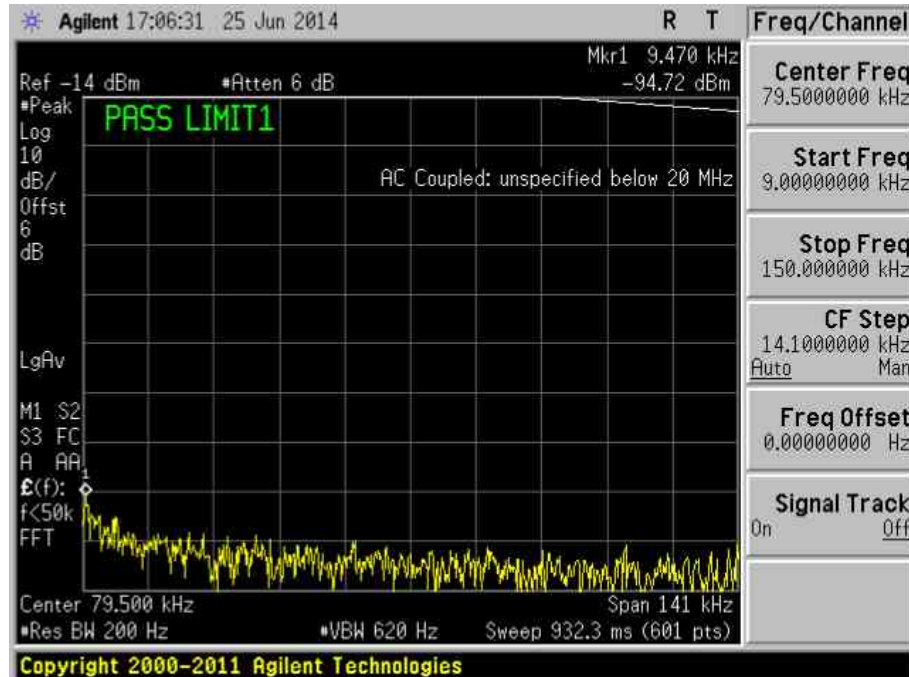
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



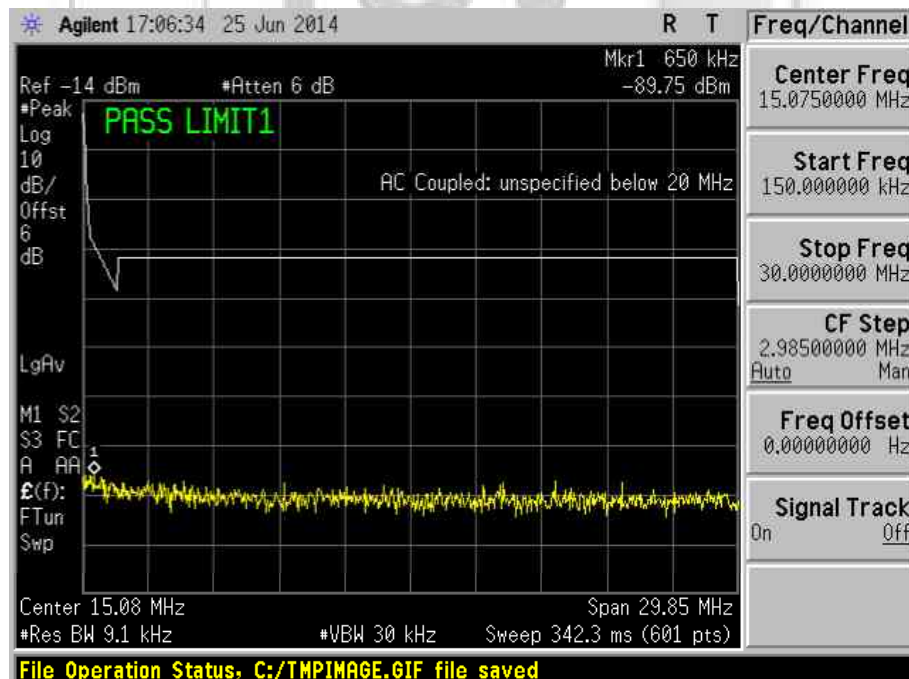
Plot 1656 – Channel 11 (upper ch) @ QPSK 18Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



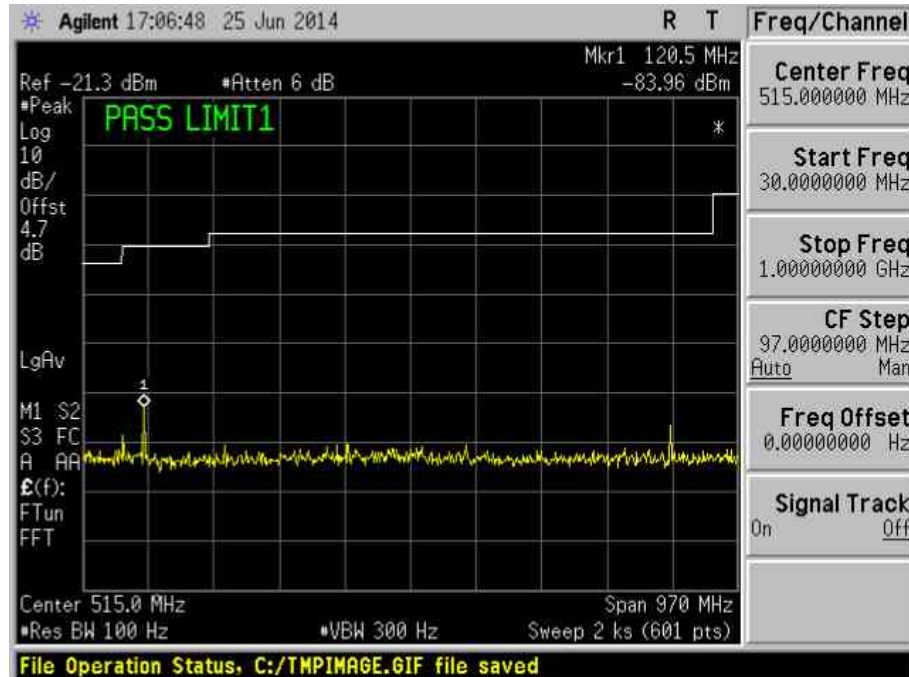
Plot 1657 – Channel 11 (upper ch) @ 16QAM 36Mbps



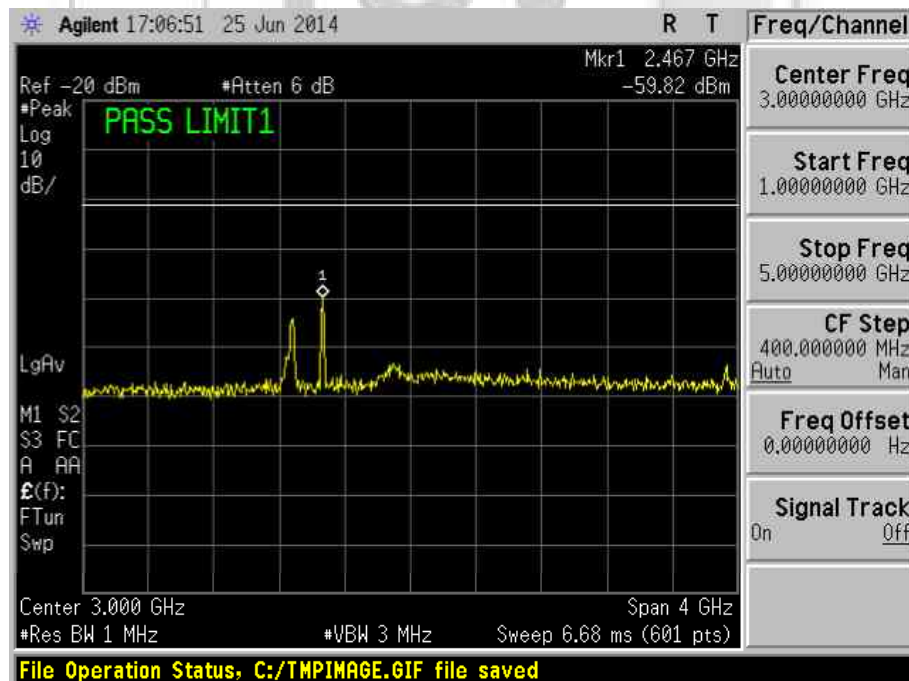
Plot 1658 – Channel 11 (upper ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



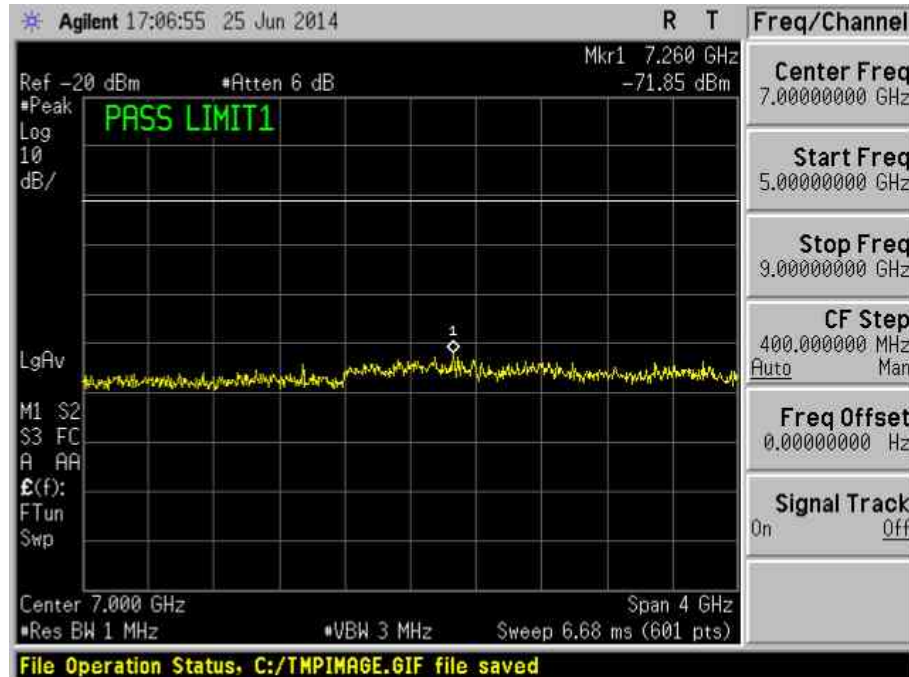
Plot 1659 – Channel 11 (upper ch) @ 16QAM 36Mbps



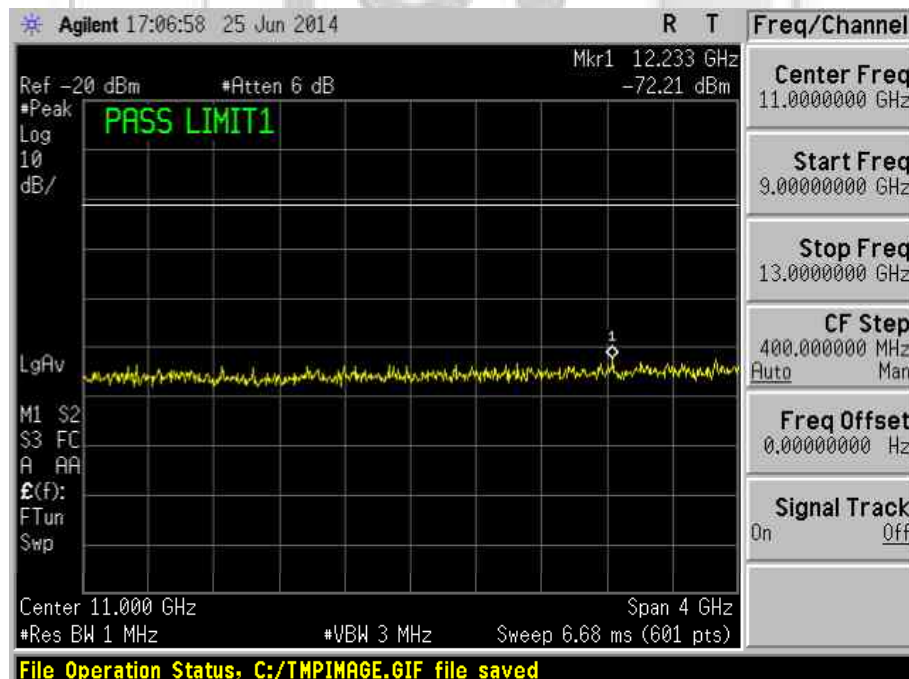
Plot 1660 – Channel 11 (upper ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



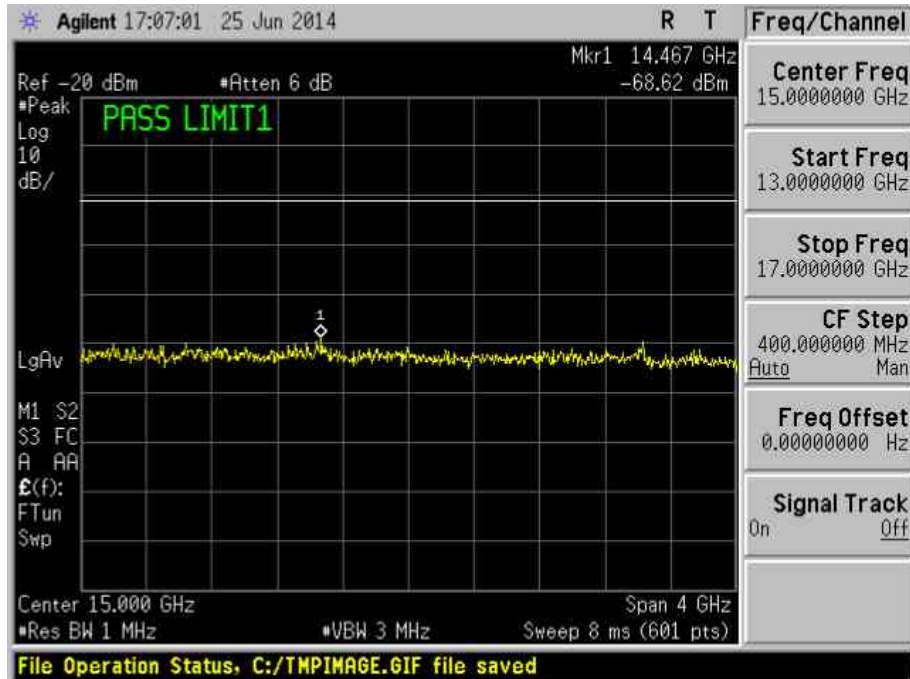
Plot 1661 – Channel 11 (upper ch) @ 16QAM 36Mbps



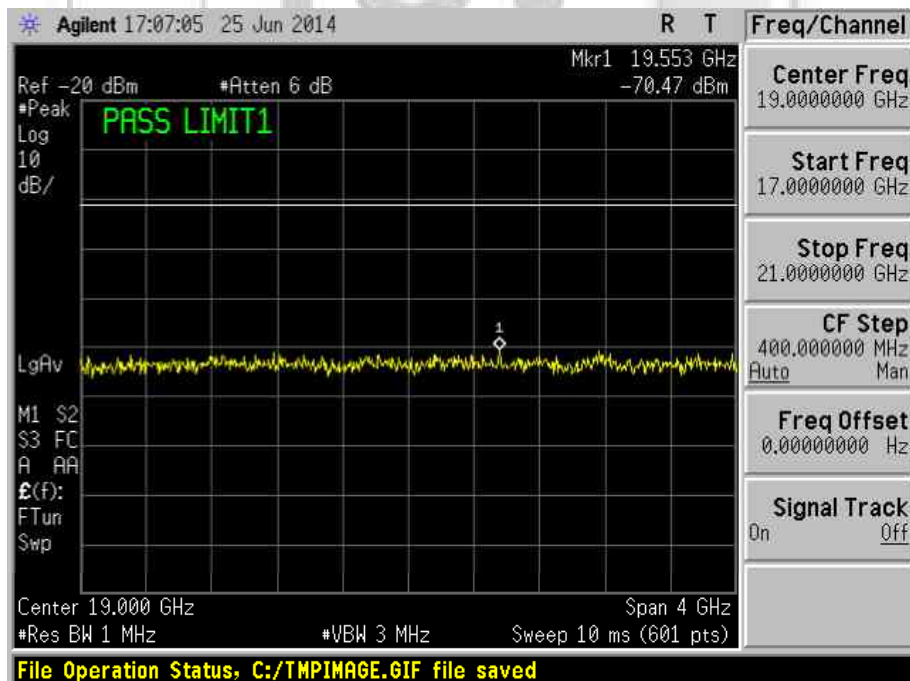
Plot 1662 – Channel 11 (upper ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



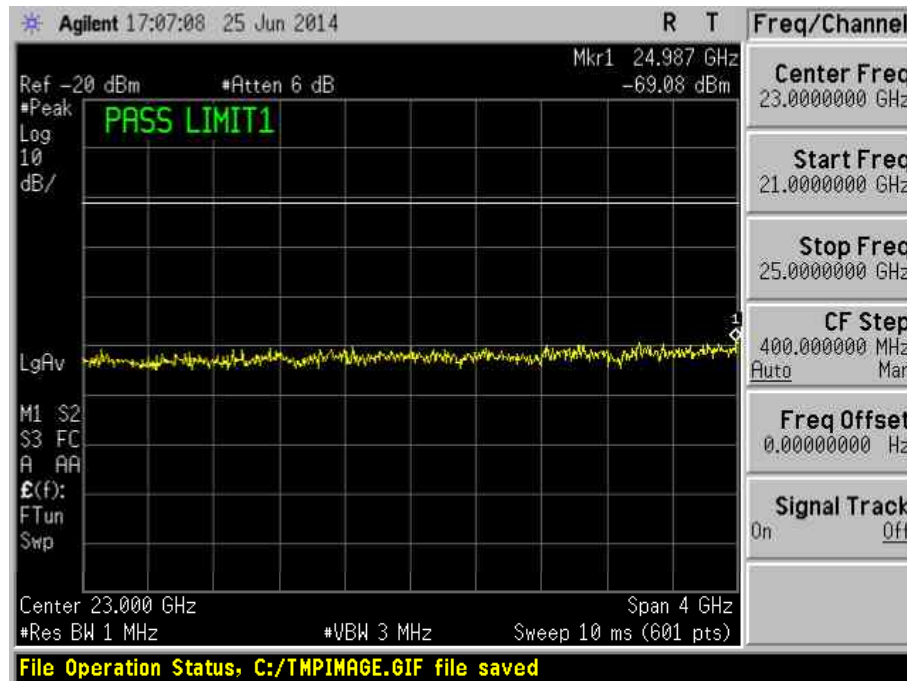
Plot 1663 – Channel 11 (upper ch) @ 16QAM 36Mbps



Plot 1664 – Channel 11 (upper ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

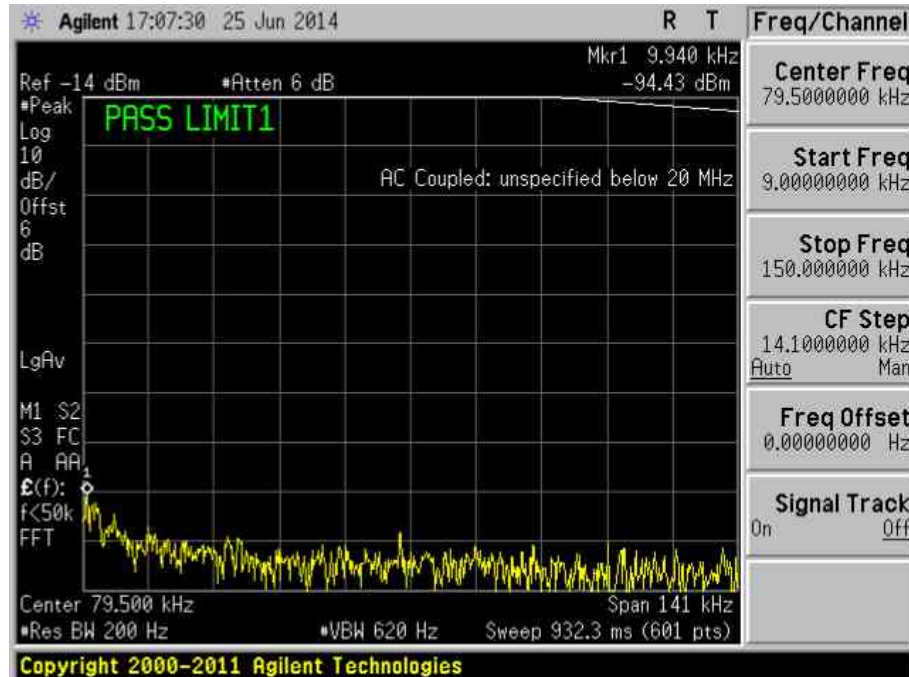
RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



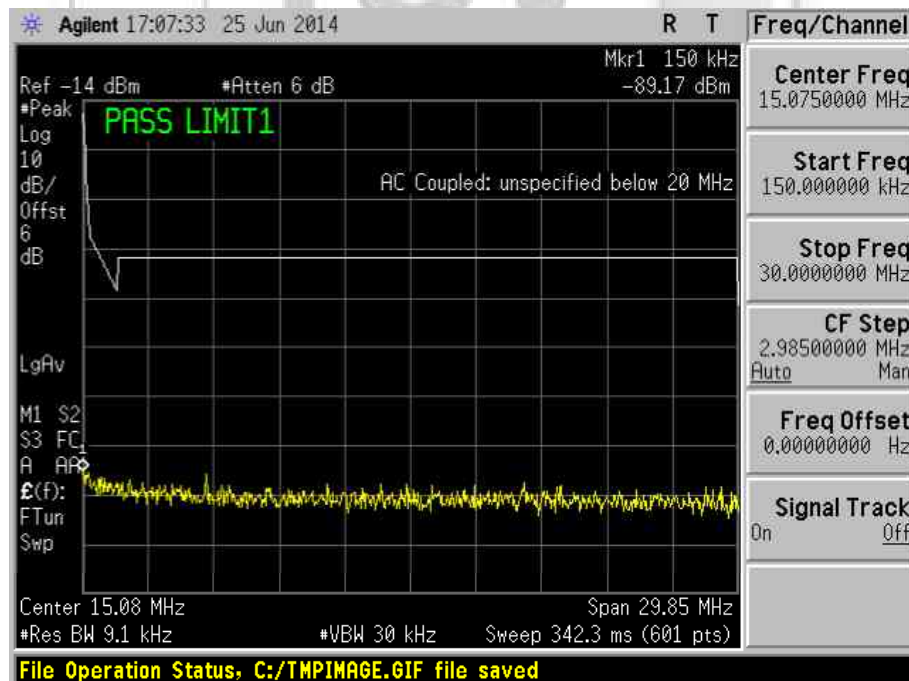
Plot 1665 – Channel 11 (upper ch) @ 16QAM 36Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



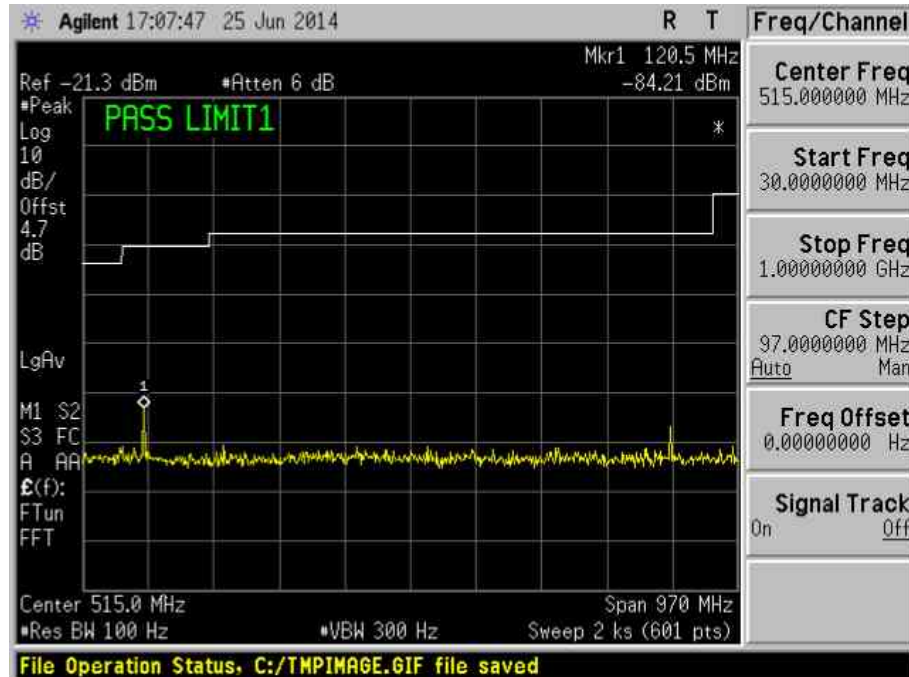
Plot 1666 – Channel 11 (upper ch) @ 64QAM 54Mbps



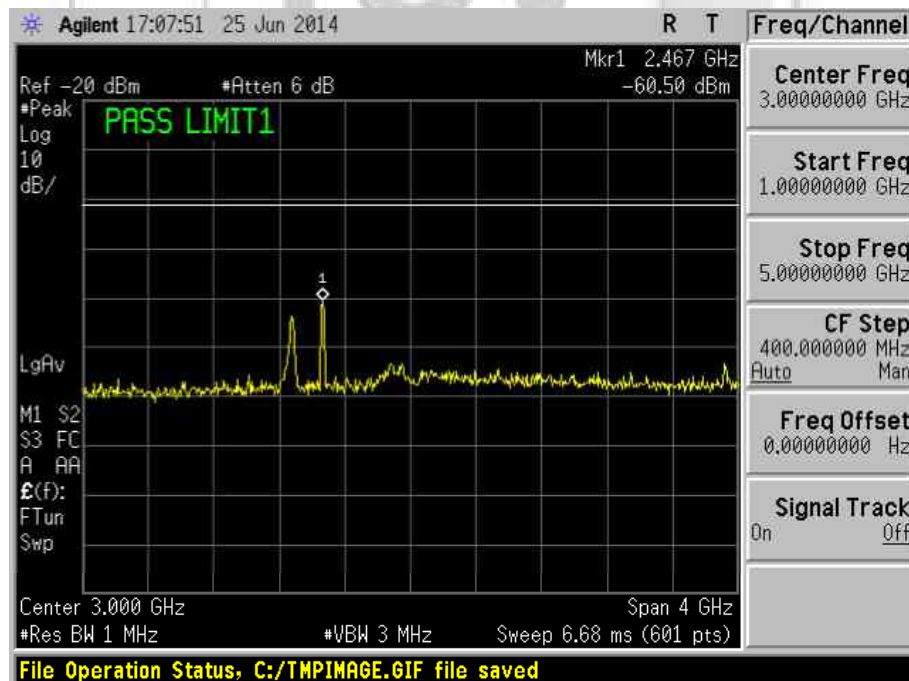
Plot 1667 – Channel 11 (upper ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



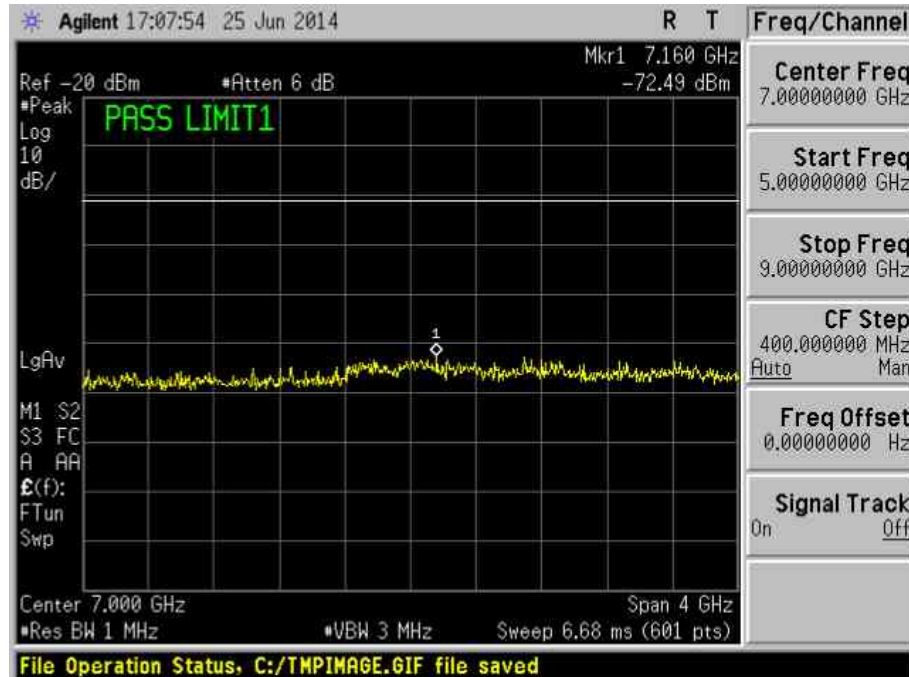
Plot 1668 – Channel 11 (upper ch) @ 64QAM 54Mbps



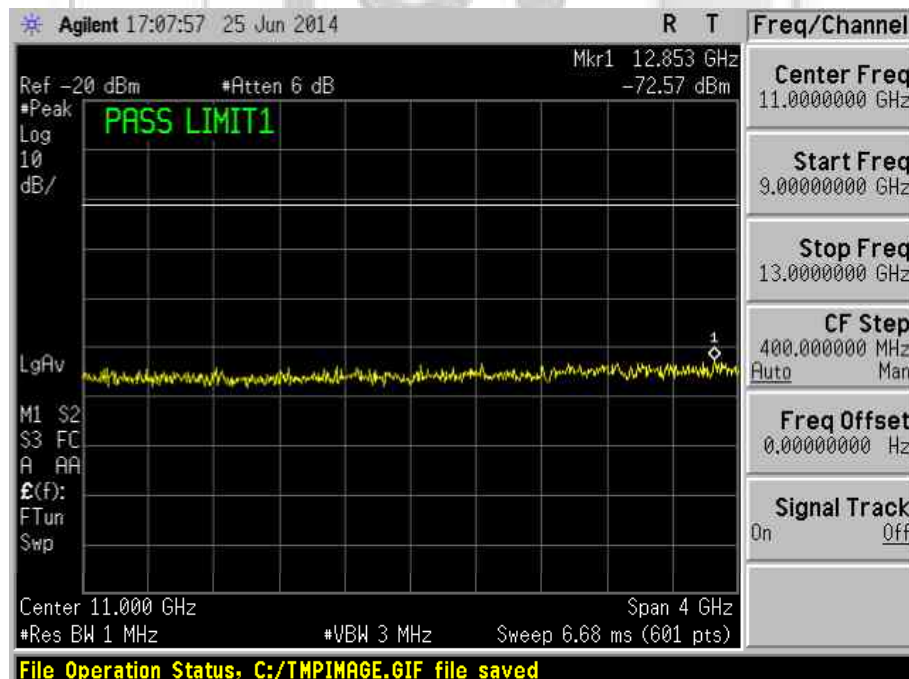
Plot 1669 – Channel 11 (upper ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



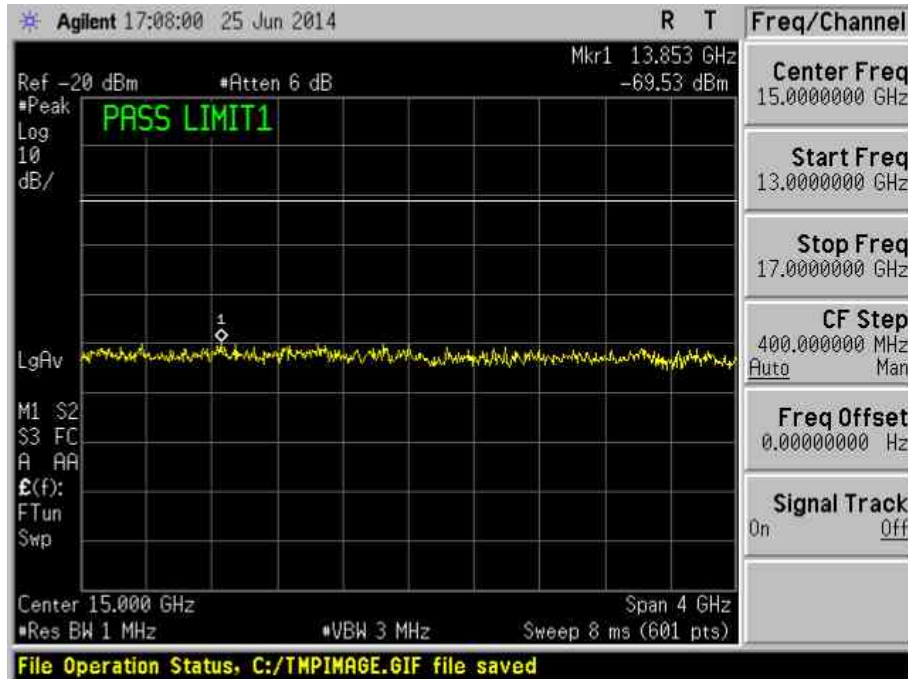
Plot 1670 – Channel 11 (upper ch) @ 64QAM 54Mbps



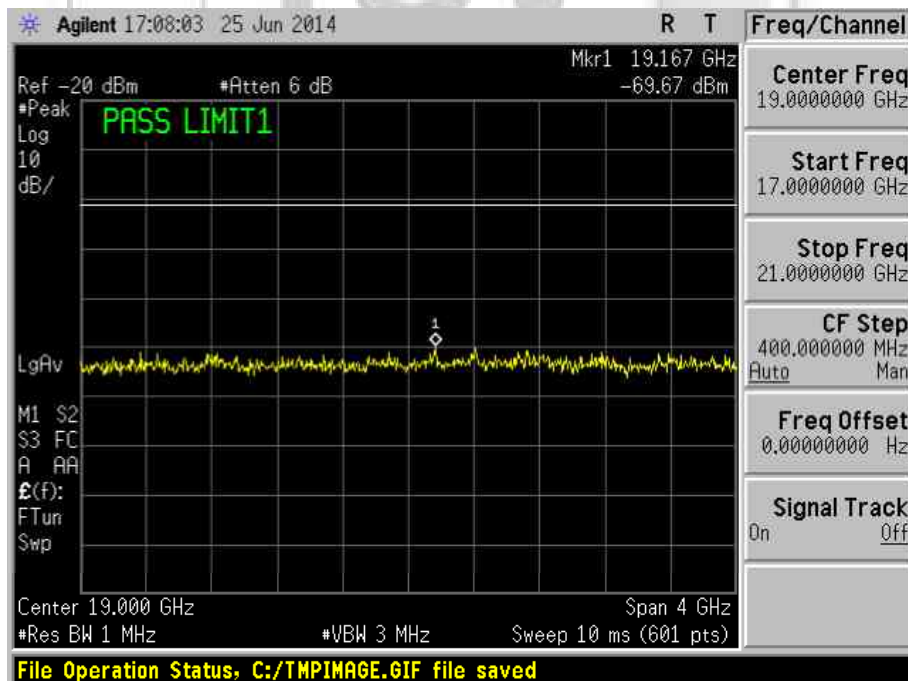
Plot 1671 – Channel 11 (upper ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



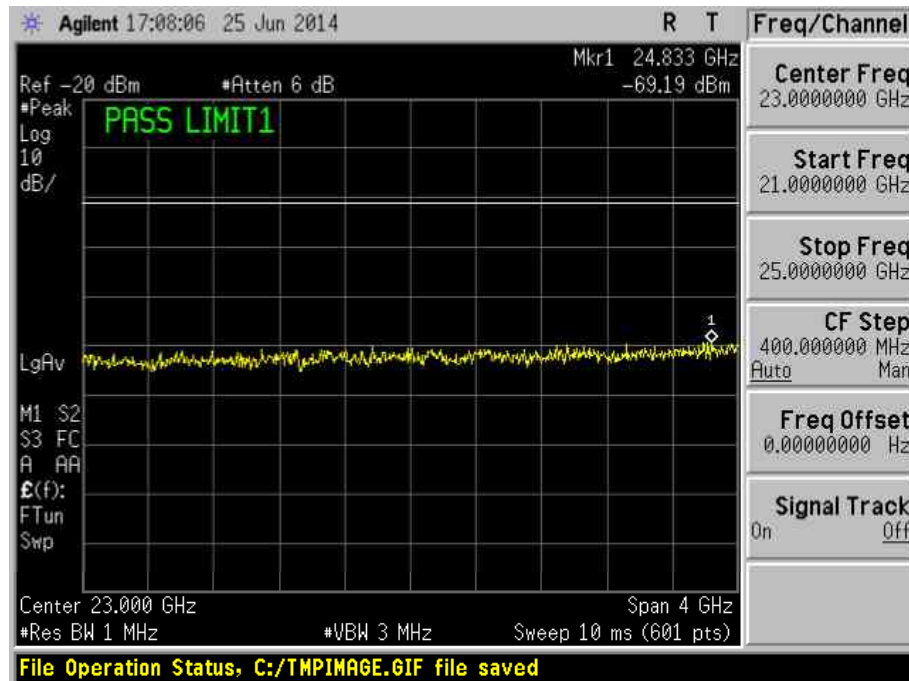
Plot 1672 – Channel 11 (upper ch) @ 64QAM 54Mbps



Plot 1673 – Channel 11 (upper ch) @ 64QAM 54Mbps

RF CONDUCTED SPURIOUS EMISSIONS (RESTRICTED BANDS) TEST

RF Conducted Spurious Emissions (Restricted) Plots – 802.11g



Plot 1674 – Channel 11 (upper ch) @ 64QAM 54Mbps