Test Report No. 7191086396-EEC14/04
dated 03 Jul 2014

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FORMAL REPORT ON TESTING IN ACCORDANCE WITH
47 CFR FCC Parts 15B & C : 2012
OF A
SATELLITE TERMINAL, iSavi
[Model : SH-100]
[FCC ID : QO4-ISAVISH100]

TEST FACILITY	TÜV SÜD PSB Pte Ltd Electrical & Electronics Centre (EEC), Product Services, No. 1 Science Park Drive, Singapore 118221 Or 13 International Business Park #01-01, Singapore 609932
FCC REG. NO.	99142 (3m and 10m Semi-Anechoic Chamber, Science Park) 160581 (3m and 10m Semi-Anechoic Chamber, International Business Park)
IND. CANADA REG. NO.	2932I-1 (3m and 10m Semi-Anechoic Chamber, Science Park) 2932N-1 (10m Semi-Anechoic Chamber, International Business Park)
PREPARED FOR	Addvalue Innovation Pte Ltd 8 Tai Seng Link, Level 5 (WING 2), Singapore 534158 Tel : (65) 6509 5700 Fax : (65) 6509 5701
QUOTATION NUMBER	219192247
JOB NUMBER	7191086396
TEST PERIOD	06 May 2014 – 10 Jul 2014

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TÜV SÜD PSB

ilac-MRA

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LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0382-B-1
LA-2007-0383-G
LA-2007-0383-G-1
LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D
FFT-2013-0002-A

The results reported herein have been performed in accordance with the laboratory's terms of accreditation under the Singapore Accreditation Council - Singapore Laboratory Accreditation Scheme. Tests/Calibrations marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our laboratory.

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TEST SUMMARY

The product was tested in accordance with the customer's specifications.

Test Results Summary

Test Standard	Description	Pass / Fail
47 CFR FCC Part 15: 2012		
15.107(a), 15.207	Conducted Emissions	Pass
15.109(a), 15.205, 15.209	Radiated Emissions (Spurious Emissions inclusive Restricted Bands Requirement)	Pass
15.247(a)(2)	Spectrum Bandwidth (6dB Bandwidth Measurement)	Pass
15.247(b)(3)	Maximum Peak Power	Pass
15.247(d)	RF Conducted Spurious Emissions (Non-Restricted Bands)	Pass
15.247(d)	RF Conducted Spurious Emissions (Restricted Bands)	Pass
15.247(d)	Band Edge Compliance (Conducted)	Pass
15.247(d)	Band Edge Compliance (Radiated)	Pass
15.247(e)	Peak Power Spectral Density	Pass
1.1310	Maximum Permissible Exposure	Refer to page 1060 for details

Notes

1. The channels as listed below, under the different configurations were tested for 802.11b WLAN.

Transmit Channel	Frequency (GHz)	Modulation	Data Rate
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	DBPSK DBPSK DBPSK	1Mbps 1Mbps 1Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	DQPSK DQPSK DQPSK	2Mbps 2Mbps 2Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	CCK CCK CCK	11Mbps 11Mbps 11Mbps

2. The channels as listed below, under the different configurations were tested for 802.11g WLAN.

Transmit Channel	Frequency (GHz)	Modulation	Data Rate
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	BPSK BPSK BPSK	9Mbps 9Mbps 9Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	QPSK QPSK QPSK	18Mbps 18Mbps 18Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	16QAM 16QAM 16QAM	36Mbps 36Mbps 36Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	64QAM 64QAM 64QAM	54Mbps 54Mbps 54Mbps

Notes

3. The channels as listed below, under the different configurations were tested for 802.11n (20MHz) WLAN.

Transmit Channel	Frequency (GHz)	Modulation	Data Rate
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	BPSK BPSK BPSK	13Mbps 13Mbps 13Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	QPSK QPSK QPSK	39Mbps 39Mbps 39Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	16QAM 16QAM 16QAM	78Mbps 78Mbps 78Mbps
Channel 1 (Lower Channel) Channel 6 (Middle Channel) Channel 11 (Upper Channel)	2.412 2.437 2.462	64QAM 64QAM 64QAM	130Mbps 130Mbps 130Mbps

4. The channels as listed below, under the different configurations were tested for 802.11n (40MHz) WLAN.

Transmit Channel	Frequency (GHz)	Modulation	Data Rate
Channel 3 (Lower Channel) Channel 7 (Middle Channel) Channel 11 (Upper Channel)	2.422 2.442 2.462	BPSK BPSK BPSK	27Mbps 27Mbps 27Mbps
Channel 3 (Lower Channel) Channel 7 (Middle Channel) Channel 11 (Upper Channel)	2.422 2.442 2.462	QPSK QPSK QPSK	81Mbps 81Mbps 81Mbps
Channel 3 (Lower Channel) Channel 7 (Middle Channel) Channel 11 (Upper Channel)	2.422 2.442 2.462	16QAM 16QAM 16QAM	162Mbps 162Mbps 162Mbps
Channel 3 (Lower Channel) Channel 7 (Middle Channel) Channel 11 (Upper Channel)	2.422 2.442 2.462	64QAM 64QAM 64QAM	270Mbps 270Mbps 270Mbps

2. The EUT is a Class B device when in non-transmitting state and meets the 47 CFR FCC Part15B Class B requirements.

3. All test measurement procedures are according to ANSI C63.4: 2003 and KDB 558074 D01 DTS Measurement Guidance V03R01.

4. The maximum measured RF power of the Equipment Under Test is 21.9dBm.

Modifications

No modifications were made.

PRODUCT DESCRIPTION

Description	:	The Equipment Under Test (EUT) is a **SATELLITE TERMINAL, iSavi.**
Applicant	:	Addvalue Innovation Pte Ltd 8 Tai Seng Link, Level 5 (WING 2), Singapore 534158
Manufacturer	:	Addvalue Innovation Pte Ltd 8 Tai Seng Link, Level 5 (WING 2), Singapore 534158
Factor (ies)	:	Beyonics Technology (Senai) Sdn Bhd PLO 171, Jalan Perindustrian 7, Kawasan Perindustrian Senai III 81400 Senai, Johor, Malaysia
Model Number(s)	:	SH-100
FCC ID	:	QO4-ISAVISH100
Brand	:	Wideye
Serial Number(s)	:	MS-439 (Emission)
Microprocessor(s)	:	OMAP5912
Operating Frequency	:	1626.5MHz – 1660.4MHz (Satellite Transmit) 1518.1MHz – 1558.9MHz (Satellite Receive) 1575MHz (GPS) 2412MHz – 2462MHz (WiFi)
Clock / Oscillator Frequency	:	Baseband Board 32.768kHz, 12.0MHz, 16.384MHz, 25.0MHz and 39.3216MHz Below Deck Unit (BDU) Board 24.192MHz OMAP5912
Modulation	:	i. 802.11b 1Mbps: DBPSK ii. 802.11b 2Mbps: DQPSK iii. 802.11b 11Mbps: CCK iv. 802.11g 9Mbps, 802.11n(20MHz) 13Mbps & (40MHz) 27Mbps: BPSK v. 802.11g 18Mbps, 802.11n(20MHz) 39Mbps & (40MHz) 81Mbps: QPSK vi. 802.11g 36Mbps, 802.11n(20MHz) 78Mbps & (40MHz) 162Mbps: 16QAM vii. 802.11g 54Mbps, 802.11n(20MHz) 130Mbps & (40MHz) 270Mbps: 64QAM viii. Bearer 0: R20T05Q ix. Bearer 1: R20T1Q x. Bearer 2: R20T2Q xi. Bearer 3: R20T4.5Q xii. Bearer 7: R5T2Q xiii. Bearer 8: R5T4.5Q
Antenna Gain	:	0.0 dBi

PRODUCT DESCRIPTION

Port / Connectors	:	Refer to manufacturer's user manual / operating manual
Rated Input Power	:	120V 60Hz
Accessories	:	i. Shinning Fair Power Adapter Model SF65-1803600-FC Input 100V-240V 60Hz/50Hz Output 18Vdc 3.6A Serial Number A20140400078842 ii. Battery Pack Model No: SH-100BP3(3ICR19/66) 10.8v 3000mah, 33Wh

SUPPORTING EQUIPMENT DESCRIPTION

Equipment Description (Including Brand Name)	Model, Serial & FCC ID Number	Cable Description (List Length, Type & Purpose)
IBM Thinkpad R50e	M/N: 1834-A58 06/01 S/N: LV-AV826 FCC ID: DoC	1.8 m unshielded power cable
IBM Adapter	M/N: 08K8022 S/N: 11S08K8202Z1ZAC755NoNJ FCC ID: DoC	1.80m unshielded power cable

EUT OPERATING CONDITIONS

47 CFR FCC Part 15
1. Conducted Emissions **2. Radiated Emissions (Spurious Emissions inclusive Restricted Bands Requirement)** **3. Spectrum Bandwidth (6dB Bandwidth Measurement)** **4. Maximum Peak Power** **5. RF Conducted Spurious Emissions Emission (Non-Restricted Bands)** **6. RF Conducted Spurious Emissions Emission (Restricted Bands)** **7. Band Edge Compliance (Conducted)** **8. Band Edge Compliance (Radiated)** **9. Peak Power Spectral Density** **10. Maximum Permissible Exposure**
The EUT was exercised by operating in maximum continuous transmission in test mode, i.e transmitting at lower, middle and upper channels respectively at one time.

47 CFR FCC Parts 15.107(a) and 15.207 Conducted Emission Limits

Frequency Range (MHz)	Limit Values (dBµV)	
	Quasi-peak (Q-P)	Average (AV)
0.15 - 0.5	66 – 56 *	56 – 46 *
0.5 - 5.0	56	46
5.0 - 30.0	60	50
* Decreasing linearly with the logarithm of the frequency		

47 CFR FCC Parts 15.107(a) and 15.207 Conducted Emission Test Instrumentation

Instrument	Model	S/No	Cal Due Date	Cal Interval
Rohde & Schwarz EMI Test Receiver (9kHz-3GHz)	ESCI	100477	30 Jul 2014	1 year
Schaffner LISN 2-Line V-Network (EUT) (9kHz-30MHz)	NNB41	04/10152	07 Jan 2015	1 year

47 CFR FCC Parts 15.107(a) and 15.207 Conducted Emission Test Setup

1. The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table.
2. The power supply for the EUT was fed through a 50Ω/50μH EUT LISN, connected to filtered mains.
3. The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.
4. All other supporting equipment were powered separately from another LISN.

47 CFR FCC Parts 15.107(a) and 15.207 Conducted Emission Test Method

1. The EUT was switched on and allowed to warm up to its normal operating condition.
2. A scan was made on the NEUTRAL line over the required frequency range using an EMI test receiver.
3. High peaks, relative to the limit line, were then selected.
4. The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 9kHz. Both Quasi-peak and Average measurements were made.
5. Steps 2 to 4 were then repeated for the LIVE line.

Sample Calculation Example

At 20 MHz Q-P limit = 60.0 dBμV
Transducer factor of LISN, pulse limiter & cable loss at 20 MHz = 11.2 dB
Q-P reading obtained directly from EMI Receiver = 40.0 dBμV (Calibrated for system losses)
Therefore, Q-P margin = 60.0 - 40.0 = 20.0 i.e. 20.0 dB below Q-P limit

47 CFR FCC Parts 15.107(a) and 15.207 Conducted Emission Results

Test Input Power	120V 60Hz	Temperature	24°C°C
Line Under Test Mains	AC Mains	Relative Humidity	54%
		Atmospheric Pressure	1035 mbar
		Tested By	Nazrulhizat

Frequency (MHz)	Q-P Value (dBµV)	Q-P Limit (dBµV)	Q-P Margin (dB)	AV Value (dBµV)	AV Limit (dBµV)	AV Margin (dB)	Line
0.1858	44.3	64.2	19.9	34.8	54.2	19.4	Live
0.7518	33.6	56.0	22.4	25.6	46.0	20.4	Live
1.1618	33.0	56.0	23.0	24.9	46.0	21.1	Neutral
1.3139	34.4	56.0	21.6	25.5	46.0	20.5	Live
2.6630	38.8	56.0	17.2	24.0	46.0	22.0	Live
3.4885	35.1	56.0	20.9	21.7	46.0	24.3	Neutral

Notes

1. All possible modes of operation were investigated from 150kHz to 30MHz. Only the worst case emissions measured, using the correct CISPR detectors, are reported. All other emissions were relatively insignificant.
2. A "positive" margin indicates a PASS as it refers to the margin present below the limit line at the particular frequency. Conversely, a “negative” margin indicates a FAIL.
3. EMI receiver Resolution Bandwidth (RBW) and Video Bandwidth (VBW) settings:
   9kHz - 30MHz
   RBW: 9kHz VBW: 30kHz
4. Conducted Emissions Measurement Uncertainty
   All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95%, with a coverage factor of 2, in the range 9kHz – 30MHz is ±2.2dB.

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 Parts 15.109(a) and 15.209 Radiated Emission Limits

Frequency Range (MHz)	Quasi-Peak Limit Values (dBµV/m) @ 3m
30 - 88	40.0
88 - 216	43.5
216 - 960	46.0
Above 960	54.0*
* Above 1GHz, average detector was used. A peak limit of 20dB above the average limit does apply.	

47 CFR FCC Parts 15.109(a) and 15.209 Radiated Emission Test Instrumentation

Instrument	Model	S/No	Cal Due Date	Cal Interval
R&S Test Receiver – ESI1	ESI40	100010	09 Jul 2015	1 year
Schaffner Bilog Antenna –(30MHz-2GHz) BL3 (Ref)	CBL6112B	2549	23 Jan 2015	1 year
Com-Power Preamplifier (1MHz-1GHz)	PAM-103	441056	16 Aug 2014	1 year
R&S Preamplifier (1GHz -18GHz)	SCU18	102191	14 Mar 2015	1 year
EMCO Horn Antenna(1GHz-18GHz)	3115	9901-5671	13 Mar 2015	1 year
ETS Horn Antenna(18GHz-40GHz)(Ref)	3116	0004-2474	16 Oct 2014	1 year
TDK-RF Horn Antenna	HRN-0118	130256	08 Apr 2015	1 year
Toyo Preamplifier (26.5GHz-40GHz)	HAP26-40W	00000005	16 Oct 2014	1 year
Micro-tronics Bandstop Filter	BRM50701-02	007	13 Aug 2014	1 year

47 CFR FCC Parts 15.109(a) and 15.209 Radiated Emission Test Setup

1. The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m X 1.0m X 0.8m high, non-metallic table.
2. The filtered power supply for the EUT and supporting equipment were tapped from the appropriate power sockets located on the turntable.
3. The relevant broadband antenna was set at the required test distance away from the EUT and supporting equipment boundary.

47 CFR FCC Parts 15.109(a) and 15.209 Radiated Emission Test Method

1. The EUT was switched on and allowed to warm up to its normal operating condition.
2. A prescan was carried out to pick the worst emission frequencies from the EUT. For EUT which is a portable device, the prescan was carried out by rotating the EUT through three orthogonal axes to determine which altitude and equipment arrangement produces such emissions.
3. The test was carried out at the selected frequency points obtained from the prescan in step 2. Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner:
   a. Vertical or horizontal polarisation (whichever gave the higher emission level over a full rotation of the EUT) was chosen.
   b. The EUT was then rotated to the direction that gave the maximum emission.
   c. Finally, the antenna height was adjusted to the height that gave the maximum emission.
4. A Quasi-peak measurement was made for that frequency point if it was less than or equal to 1GHz. For frequency point that above 1GHz, both Peak and Average measurements were carried out.
5. Steps 3 and 4 were repeated for the next frequency point, until all selected frequency points were measured.
6. The frequency range covered was from 30MHz to 10th harmonics of the EUT fundamental frequency, using the Bi-log antenna for frequencies from 30MHz up to 1GHz, and the Horn antenna above 1GHz.

Sample Calculation Example

At 300 MHz	Q-P limit (Class B) = 46.0 dBμV/m
Log-periodic antenna factor & cable loss at 300 MHz = 18.5 dB	
Q-P reading obtained directly from EMI Receiver = 40.0 dBμV/m (Calibrated level including antenna factors & cable losses)	
Therefore, Q-P margin = 46.0 - 40.0 = 6.0	i.e. 6.0 dB below Q-P limit

47 CFR FCC Parts 15.109(a), 15.205 and 15.209 Radiated Emission Results

Test Input Power	120V 60Hz	Temperature	22°C
Test Distance	3m	Relative Humidity	54%
		Atmospheric Pressure	1030mbar
		Tested By	Lim Kay Tak

Spurious Emissions ranging from 30MHz – 1GHz

Frequency (MHz)	Q-P Value (dBµV/m)	Q-P Limit (dBµV/m)	Q-P Margin (dB)	Height (cm)	Azimuth (Degrees)	Pol (H/V)
30.8040	26.4	40.0	13.6	118	12	V
64.5520	15.1	40.0	24.9	136	47	V
94.2230	11.2	43.5	32.3	164	180	V
215.9570	25.2	43.5	18.3	134	333	H
229.3920	36.7	46.0	9.3	100	337	H
952.8620	14.8	46.0	31.2	213	20	V

Spurious Emissions above 1GHz – 25GHz

Freq (GHz)	Peak Value (dBµV/m)	Peak Limit (dBµV/m)	Peak Margin (dB)	AV Value (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Azimuth (Degrees)	Pol (H/V)
4.7161	45.1	74.0	28.9	39.6	54.0	14.4	100	139	V
5.1556	51.2	74.0	22.8	48.6	54.0	5.4	109	145	V
7.0927	52.1	74.0	21.9	42.7	54.0	11.3	100	137	V
7.5887	57.7	74.0	16.3	30.6	54.0	23.4	100	78	H
9.0222	48.1	74.0	25.9	40.6	54.0	13.4	100	45	V
9.4417	53.2	74.0	20.8	42.5	54.0	11.5	100	130	V

Notes

1. All possible modes of operation were investigated. Only the worst case emissions measured, using the correct CISPR detectors, are reported. All other emissions were relatively insignificant.
2. Quasi-peak measurement was used for frequency measurement up to 1GHz. Average and peak measurements were used for emissions above 1GHz. The average measurement was done by averaging over a complete cycle of the pulse train, including the blanking interval as the pulse train duration does not exceed 0.1 second.
3. A "positive" margin indicates a PASS as it refers to the margin present below the limit line at the particular frequency. Conversely, a “negative” margin indicates a FAIL.
4. EMI receiver Resolution Bandwidth (RBW) and Video Bandwidth (VBW) settings:
   30MHz - 1GHz
   RBW: 120kHz VBW: 1MHz
   >1GHz
   RBW: 1MHz VBW: 1MHz
5. The upper frequency of radiated emission investigations was according to requirements stated in Section 15.33(a) for intentional radiators & Section 15.33(b) for unintentional radiators.
6. The channel in the table refers to the transmit channel of the EUT.
7. Radiated Emissions Measurement Uncertainty
   All test measurements carried out are traceable to national standards. The uncertainty of the measurement at a confidence level of approximately 95%, with a coverage factor of 2, in the range 30MHz – 25GHz is ±4.0dB.

SPECTRUM BANDWIDTH (6dB BANDWIDTH MEASUREMENT) TEST

47 CFR FCC Part 15.247(a)(2) Spectrum Bandwidth (6dB Bandwidth Measurement) Limits

The EUT shows compliance to the requirements of this section, which states that the minimum bandwidth of the EUT employing digital modulation techniques shall be at least 500kHz.

47 CFR FCC Part 15.247(a)(2) Spectrum Bandwidth (6dB Bandwidth Measurement) 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

47 CFR FCC Part 15.247(a)(2) Spectrum Bandwidth (6dB Bandwidth Measurement) 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) and the video bandwidth (VBW) of the spectrum analyser were respectively set to the following:
   RBW = 100kHz
   VBW = 3 times RBW
5. All other supporting equipment were powered separately from another filtered mains.

47 CFR FCC Part 15.247(a)(2) Spectrum Bandwidth (6dB Bandwidth Measurement) Test Method

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 at lower channel with specified modulation and data rate.
2. The center frequency of the spectrum analyser was set to the transmitting frequency with the frequency span wide enough to capture the 6dB bandwidth of the transmitting frequency.
3. The spectrum analyser was set to max hold to capture the transmitting frequency. The signal capturing was continuous until no further changes were observed.
4. The peak of the transmitting frequency was detected with the marker peak function of the spectrum analyser. The frequencies below the 6dB peak frequency at lower (f_L) and upper (f_H) sides of the transmitting frequency were marked and measured by using the marker-delta function of the spectrum analyser.
5. The 6dB bandwidth of the transmitting frequency is the frequency difference between the marked lower and upper frequencies, $| f_H - f_L |$.
6. Repeat steps 1 to 5 with all possible modulations and data rates.
7. The steps 2 to 6 were repeated with the transmitting frequency was set to middle and upper channel respectively.

SPECTRUM BANDWIDTH (6dB BANDWIDTH MEASUREMENT) TEST

47 CFR FCC Part 15.247(a)(2) Spectrum Bandwidth (6dB Bandwidth Measurement) Results

Test Input Power	120V 60Hz	Temperature	22°C
Attached Plots	1 – 9	Relative Humidity	54%
	802.11b	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	6dB Bandwidth (MHz)	Modulation @ Data Rate
1 *(lower ch)*	2.412	12.150	DBPSK @ 1Mbps
		12.450	DQPSK @ 2Mbps
		12.150	CCK @ 11Mbps
6 *(mid ch)*	2.437	12.150	DBPSK @ 1Mbps
		12.450	DQPSK @ 2Mbps
		11.480	CCK @ 11Mbps
11 *(upper ch)*	2.462	12.150	DBPSK @ 1Mbps
		11.480	DQPSK @ 2Mbps
		11.480	CCK @ 11Mbps

Test Input Power	120V 60Hz	Temperature	22°C
Attached Plots	10 – 21	Relative Humidity	54%
	802.11g	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	6dB Bandwidth (MHz)	Modulation @ Data Rate
1 *(lower ch)*	2.412	16.500	BPSK @ 9Mbps
		16.500	QPSK @ 18Mbps
		16.500	16QAM @ 36Mbps
		16.500	64QAM @ 54Mbps
6 *(mid ch)*	2.437	16.500	BPSK @ 9Mbps
		16.500	QPSK @ 18Mbps
		16.500	16QAM @ 36Mbps
		16.500	64QAM @ 54Mbps
11 *(upper ch)*	2.462	16.500	BPSK @ 9Mbps
		16.500	QPSK @ 18Mbps
		16.500	16QAM @ 36Mbps
		16.500	64QAM @ 54Mbps

SPECTRUM BANDWIDTH (6dB BANDWIDTH MEASUREMENT) TEST

47 CFR FCC Part 15.247(a)(2) Spectrum Bandwidth (6dB Bandwidth Measurement) Results

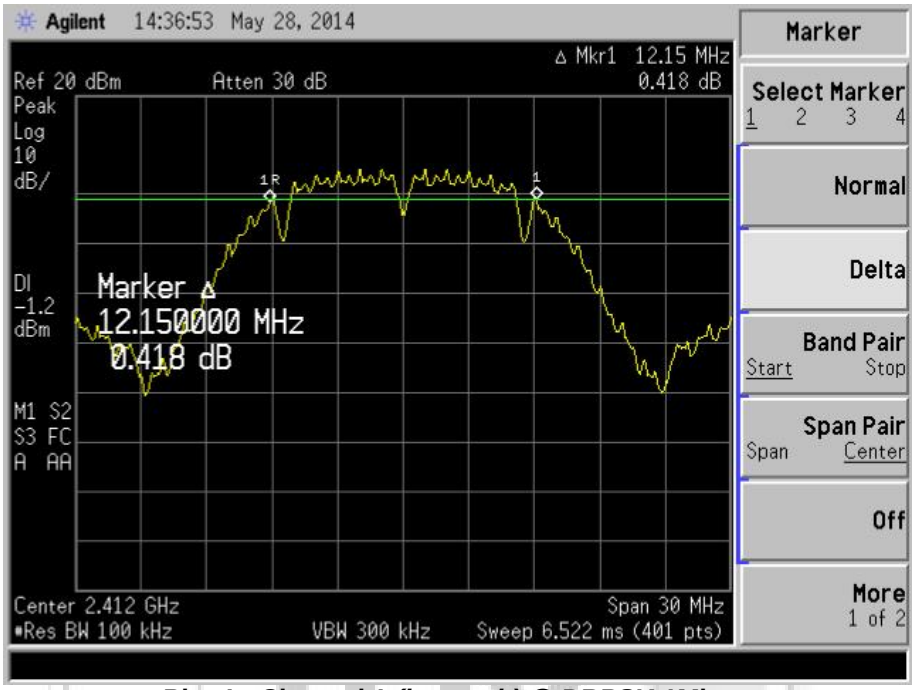
Test Input Power	120V 60Hz	Temperature	22°C
Attached Plots	22 – 33	Relative Humidity	54%
	802.11n (20MHz)	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	6dB Bandwidth (MHz)	Modulation @ Data Rate
1 *(lower ch)*	2.412	17.780	MCS8 @ 13Mbps
		17.700	MCS10 @ 39Mbps
		17.700	MCS12 @ 78Mbps
		17.700	MCS15 @ 130Mbps
6 *(mid ch)*	2.437	17.400	MCS8 @ 13Mbps
		17.700	MCS10 @ 39Mbps
		17.550	MCS12 @ 78Mbps
		17.630	MCS15 @ 130Mbps
11 *(upper ch)*	2.462	17.550	MCS8 @ 13Mbps
		17.700	MCS10 @ 39Mbps
		17.700	MCS12 @ 78Mbps
		17.630	MCS15 @ 130Mbps

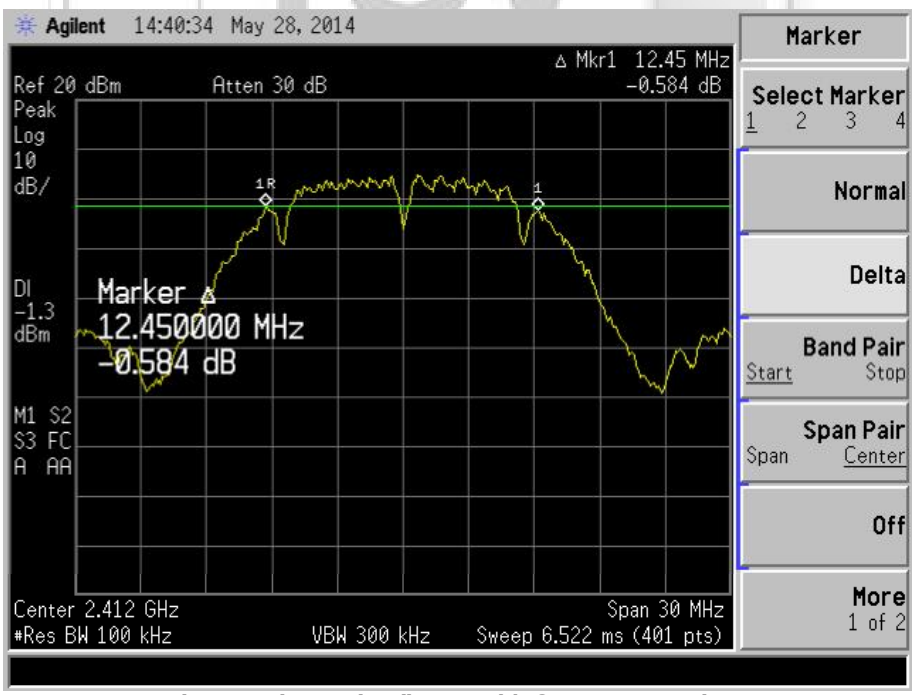
Test Input Power	120V 60Hz	Temperature	22°C
Attached Plots	34 – 45	Relative Humidity	54%
	802.11n (40MHz)	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	6dB Bandwidth (MHz)	Modulation @ Data Rate
3 *(lower ch)*	2.422	36.1	MCS8 @ 27Mbps
		36.1	MCS10 @ 81Mbps
		36.0	MCS12 @ 162Mbps
		36.0	MCS15 @ 270Mbps
7 *(mid ch)*	2.447	36.0	MCS8 @ 27Mbps
		36.0	MCS10 @ 81Mbps
		35.9	MCS12 @ 162Mbps
		36.1	MCS15 @ 270Mbps
11 *(upper ch)*	2.462	36.0	MCS8 @ 27Mbps
		35.9	MCS10 @ 81Mbps
		35.7	MCS12 @ 162Mbps
		35.9	MCS15 @ 270Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11b

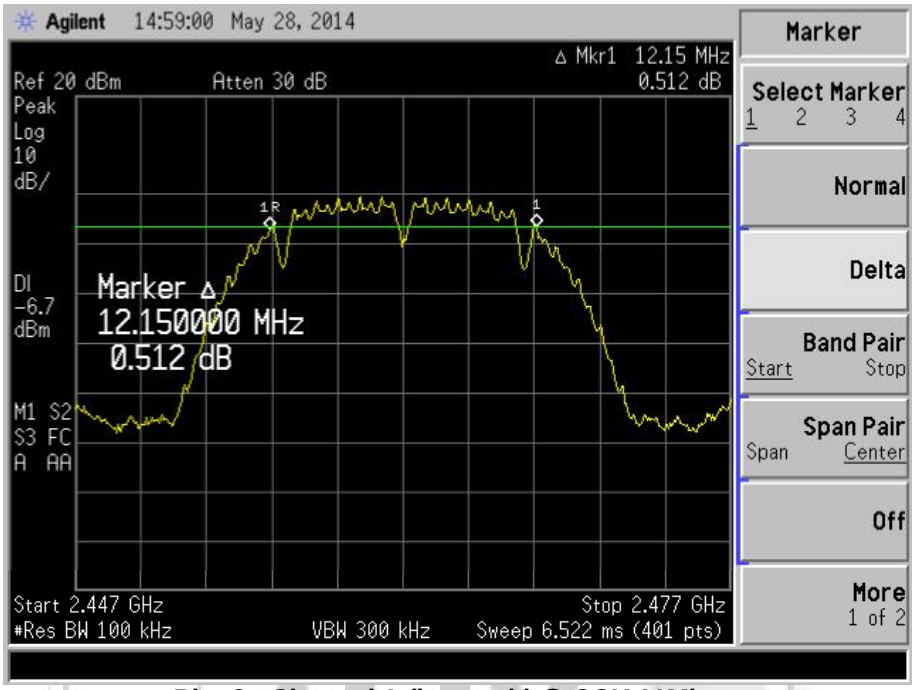


Plot 1 - Channel 1 *(lower ch)* @ DBPSK 1Mbps



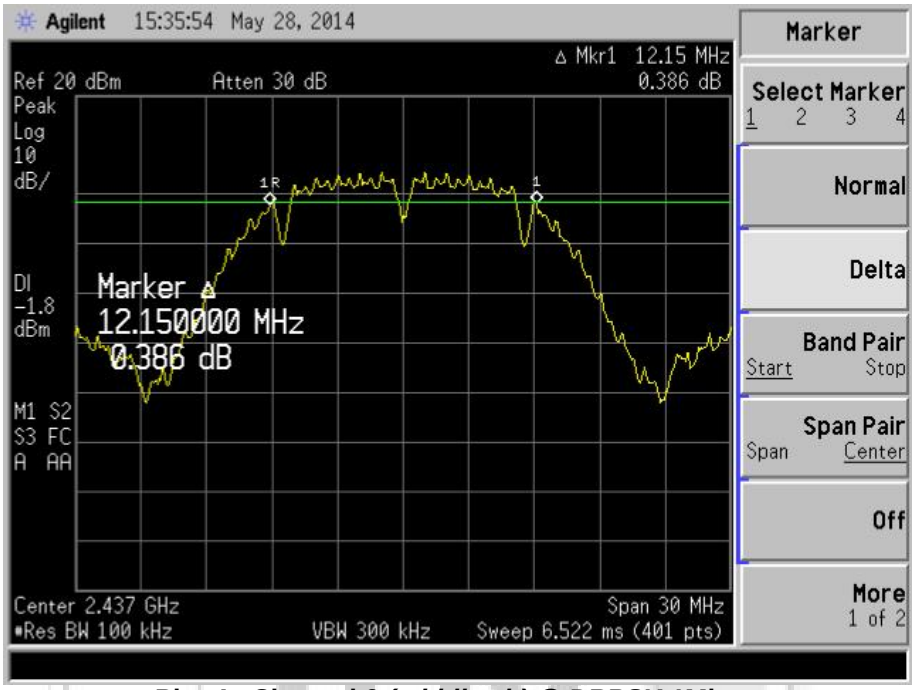
Plot 2 - Channel 1 *(lower ch)* @ DQPSK 2Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11b

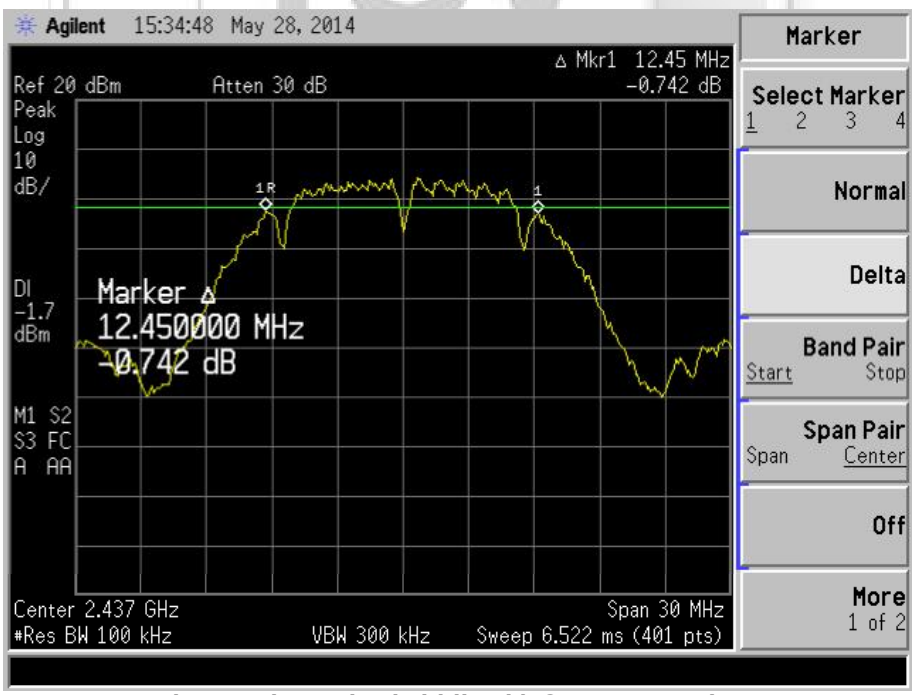


Plot 3 - Channel 1 *(lower ch)* @ CCK 11Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11b

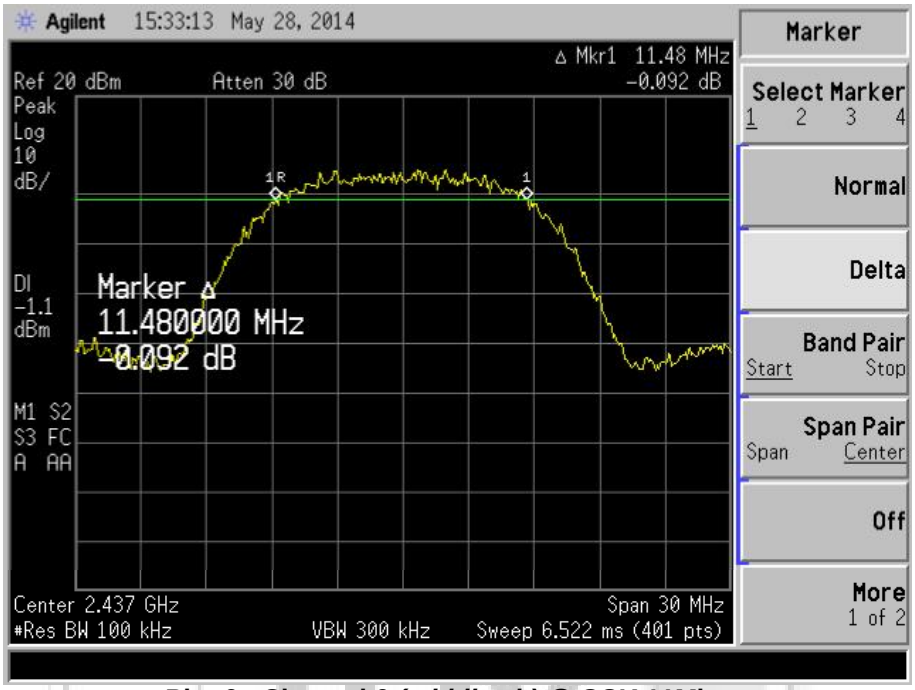


Plot 4 - Channel 6 *(middle ch)* @ DBPSK 1Mbps



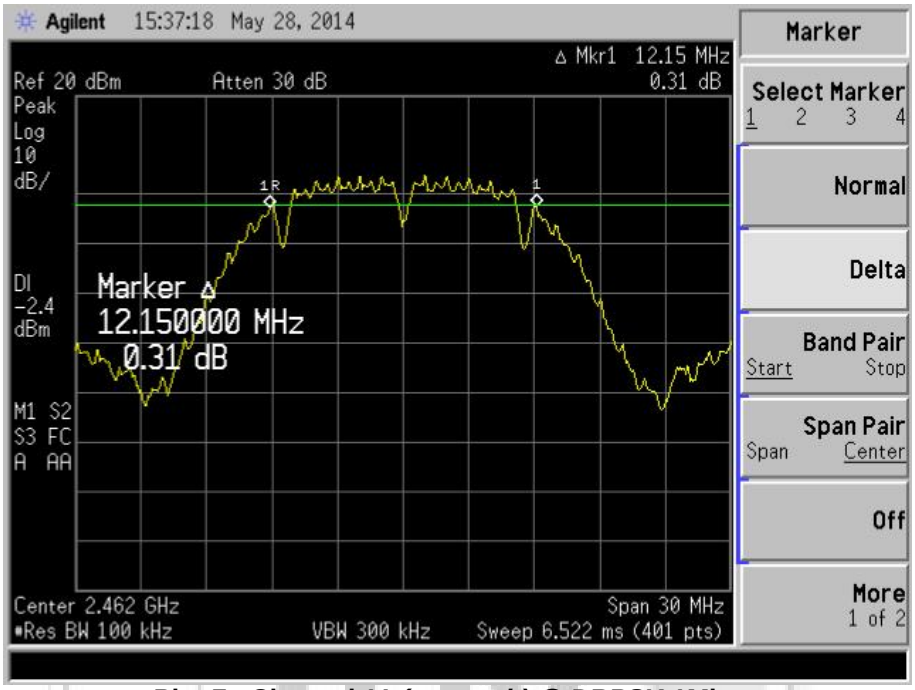
Plot 5 - Channel 6 *(middle ch)* @ DQPSK 2Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11b

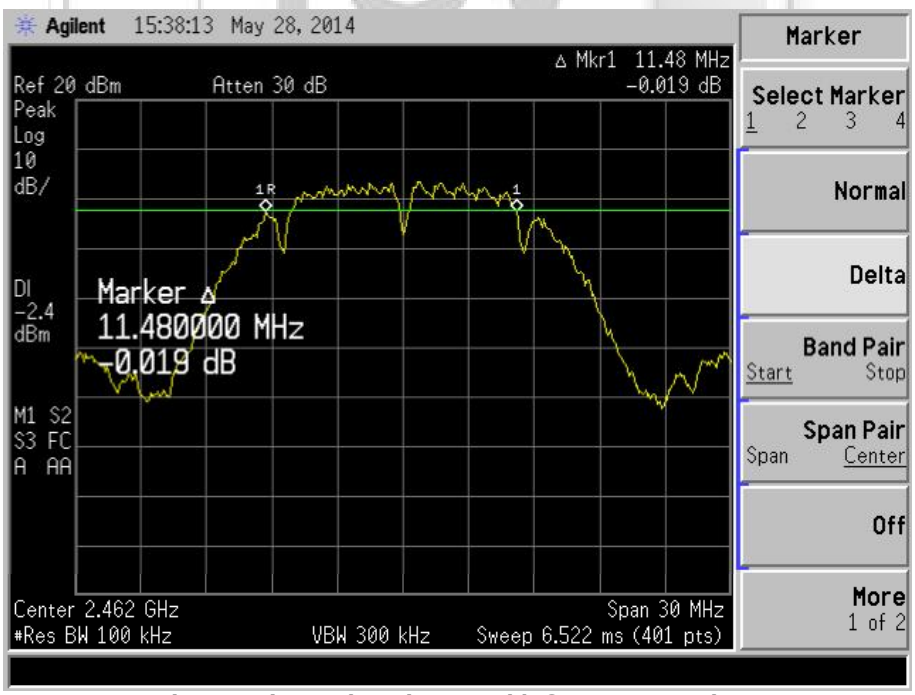


Plot 6 - Channel 6 *(middle ch)* @ CCK 11Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11b

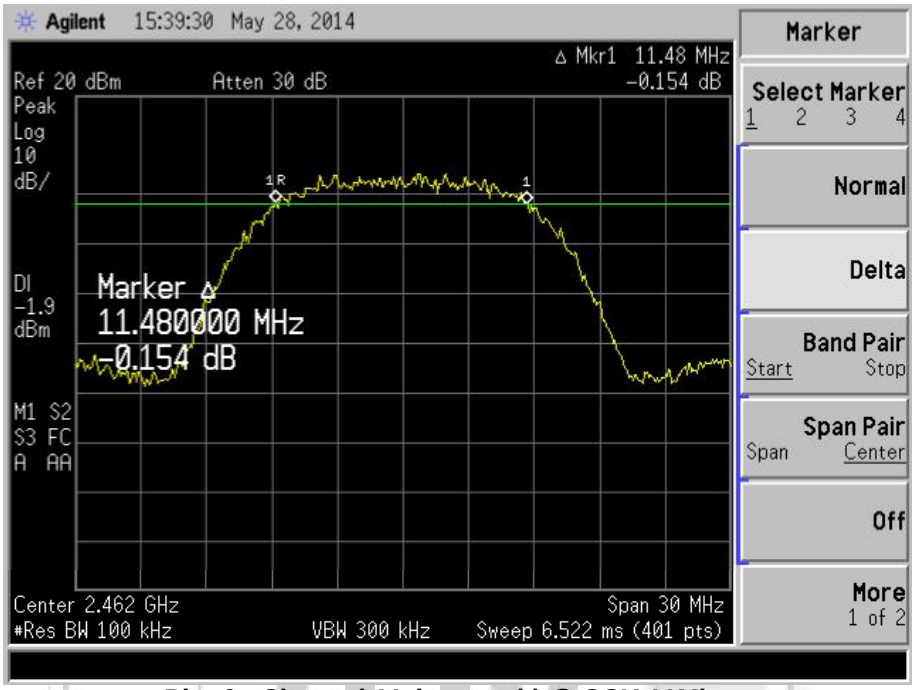


Plot 7 - Channel 11 *(upper ch)* @ DBPSK 1Mbps



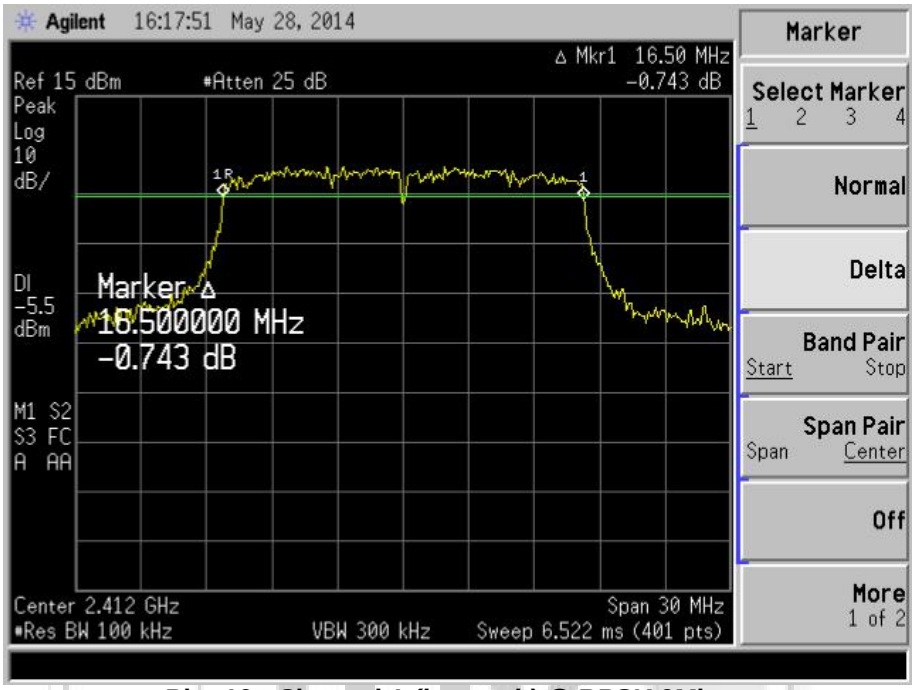
Plot 8 - Channel 11 *(upper ch)* @ DQPSK 2Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11b

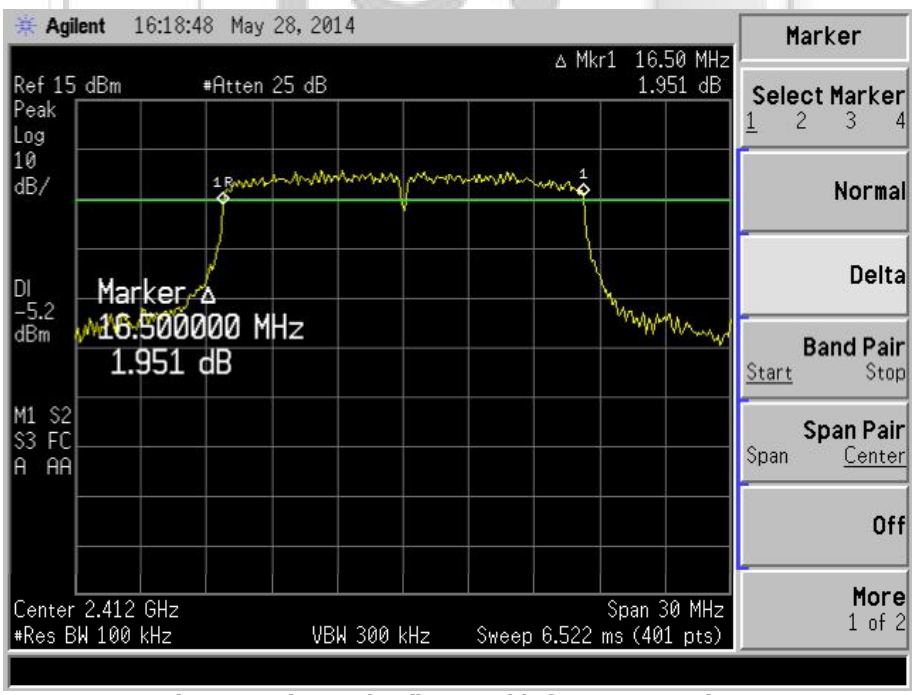


Plot 9 - Channel 11 *(upper ch)* @ CCK 11Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11g

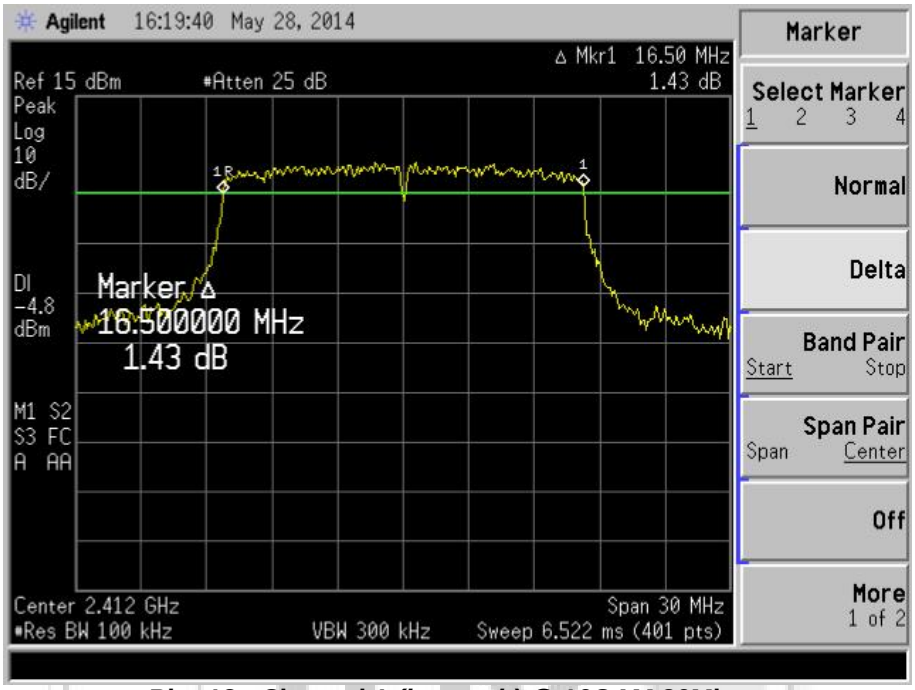


Plot 10 - Channel 1 *(lower ch)* @ BPSK 9Mbps

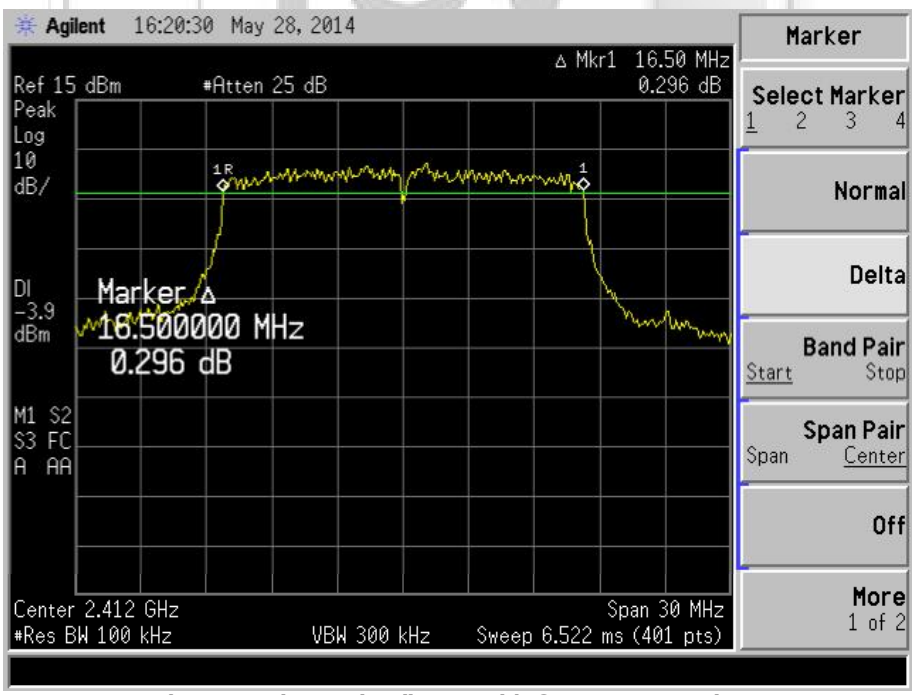


Plot 11 - Channel 1 *(lower ch)* @ QPSK 18Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11g

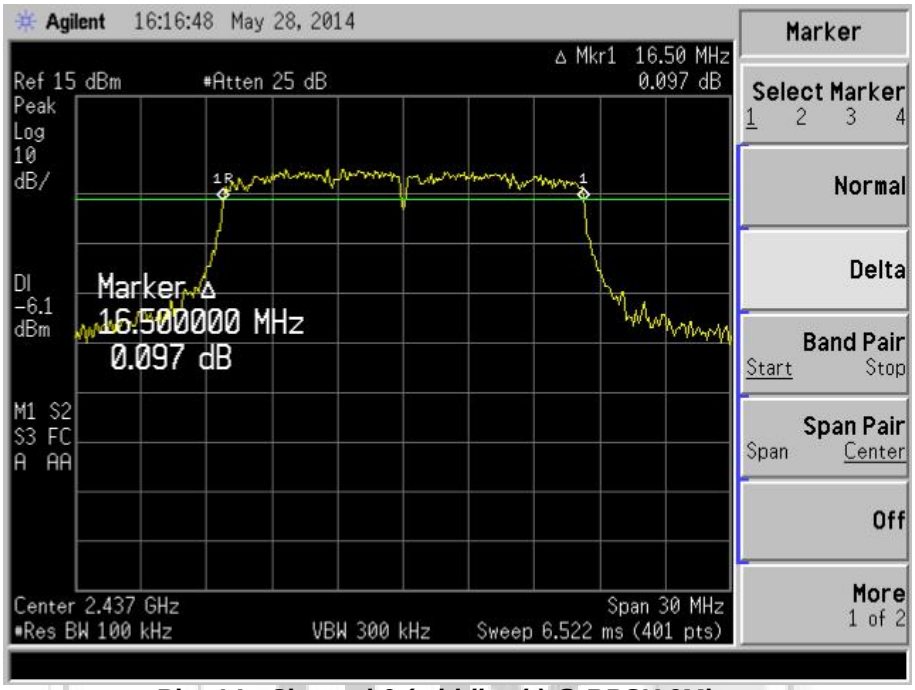


Plot 12 - Channel 1 *(lower ch)* @ 16QAM 36Mbps

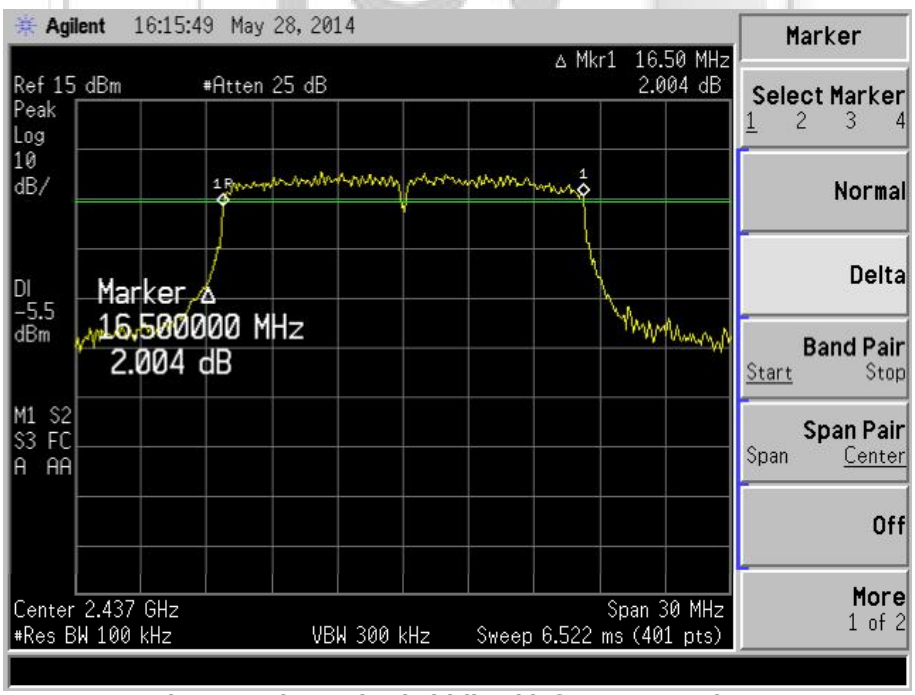


Plot 13 - Channel 1 *(lower ch)* @ 64QAM 54Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11g

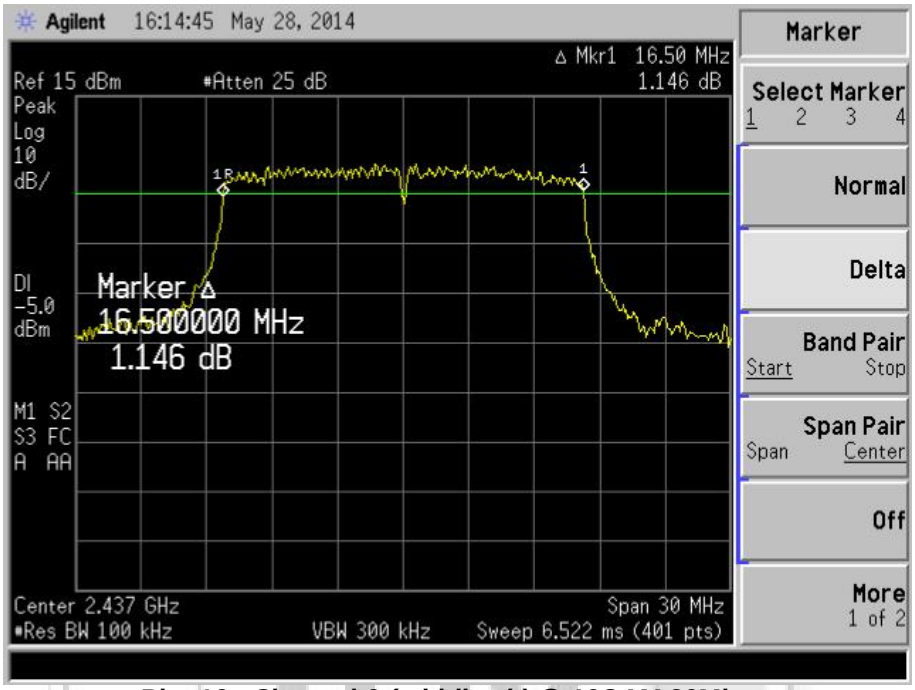


Plot 14 - Channel 6 *(middle ch)* @ BPSK 9Mbps

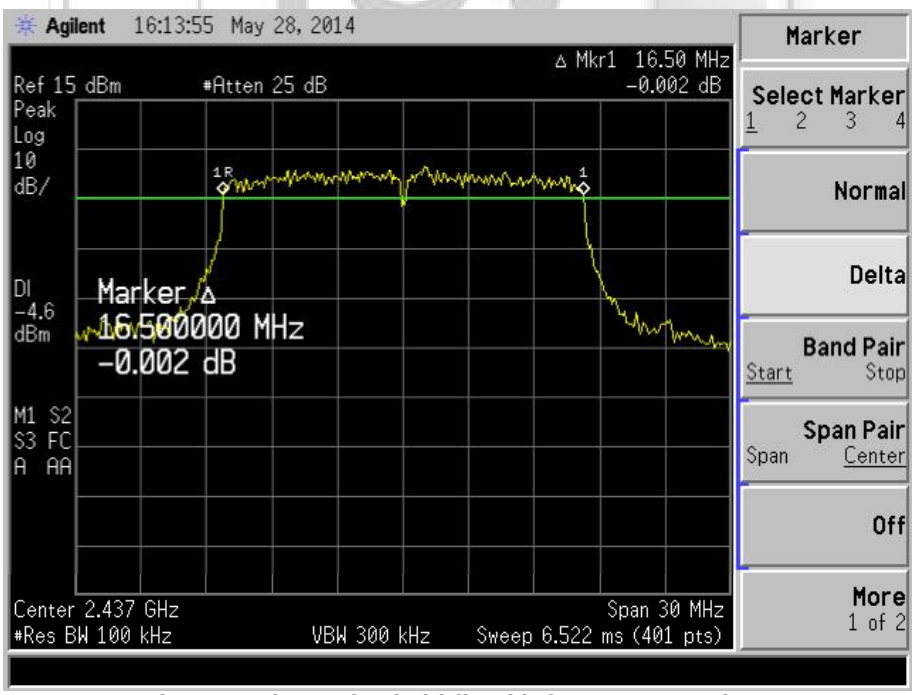


Plot 15 - Channel 6 *(middle ch)* @ QPSK 18Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11g

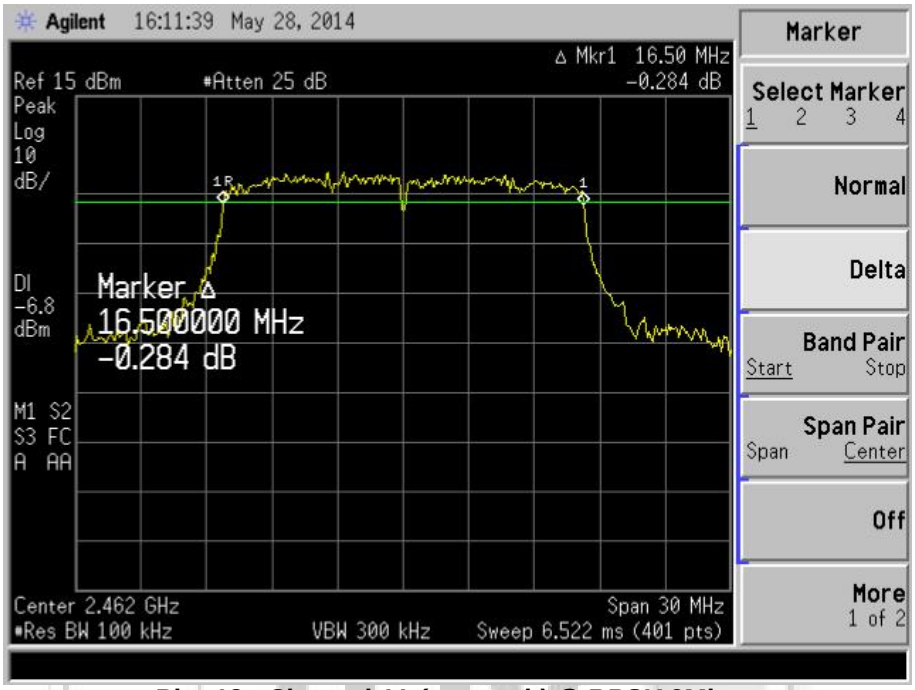


Plot 16 - Channel 6 *(middle ch)* @ 16QAM 36Mbps

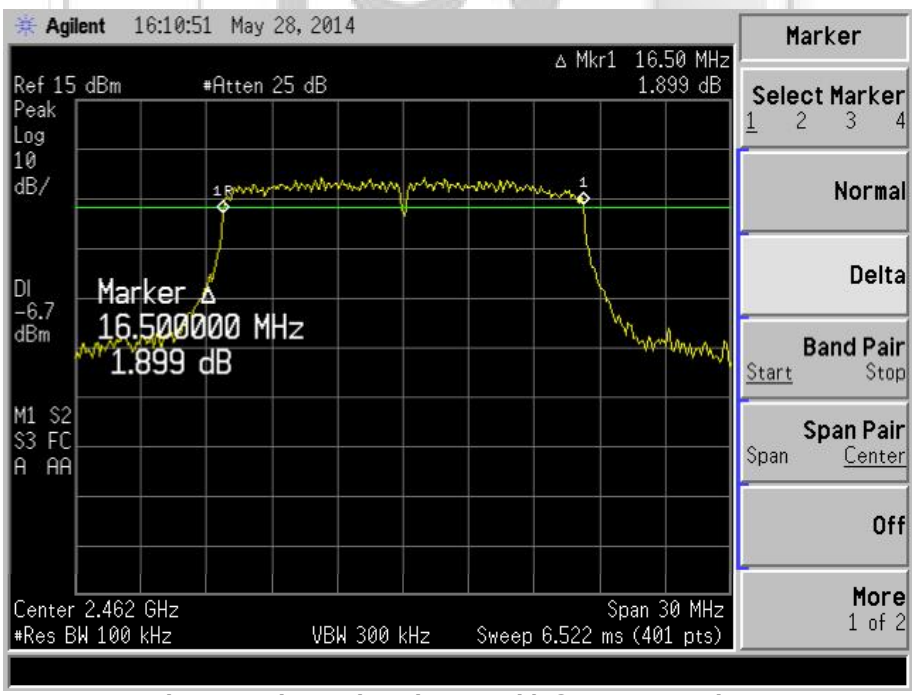


Plot 17 - Channel 6 *(middle ch)* @ 64QAM 54Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11g

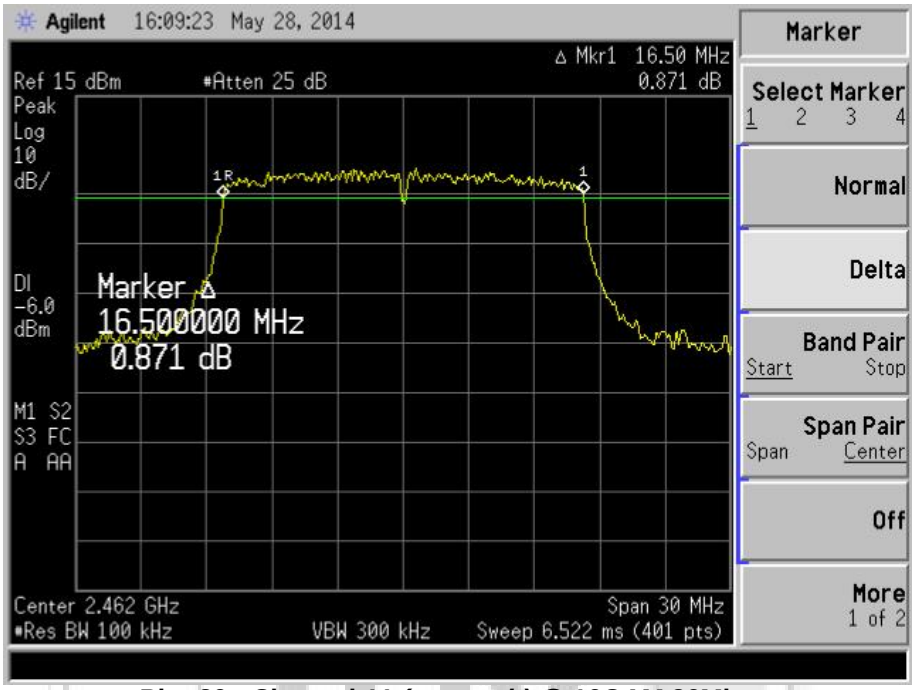


Plot 18 - Channel 11 *(upper ch)* @ BPSK 9Mbps

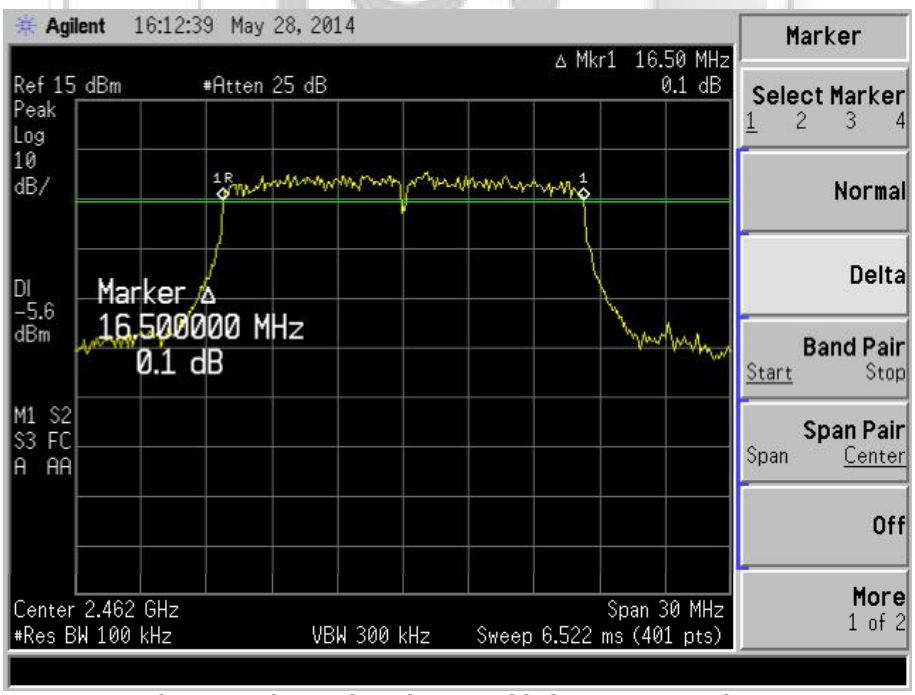


Plot 19 - Channel 11 *(upper ch)* @ QPSK 18Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11g

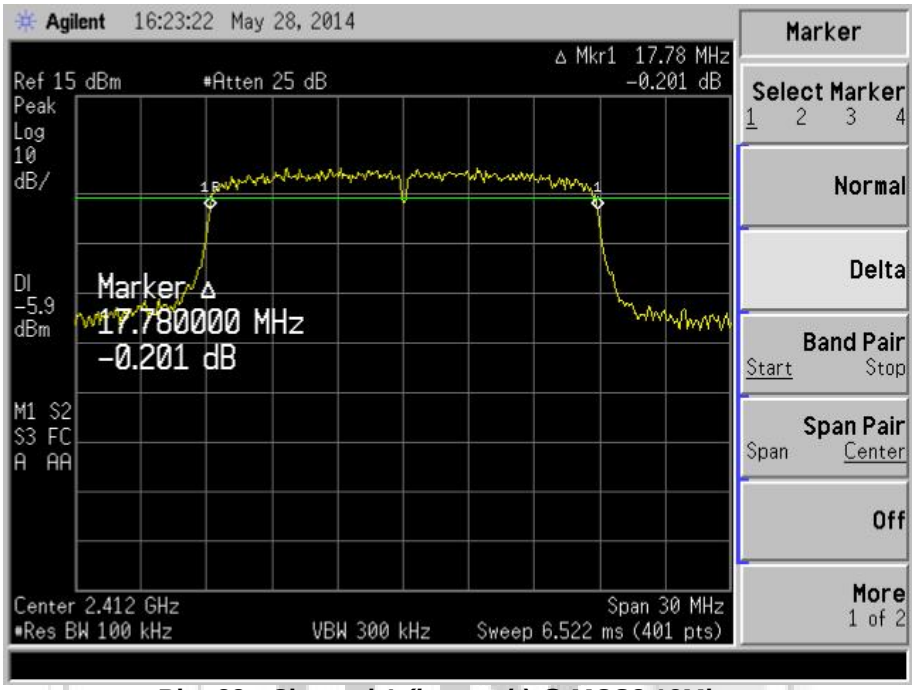


Plot 20 - Channel 11 *(upper ch)* @ 16QAM 36Mbps

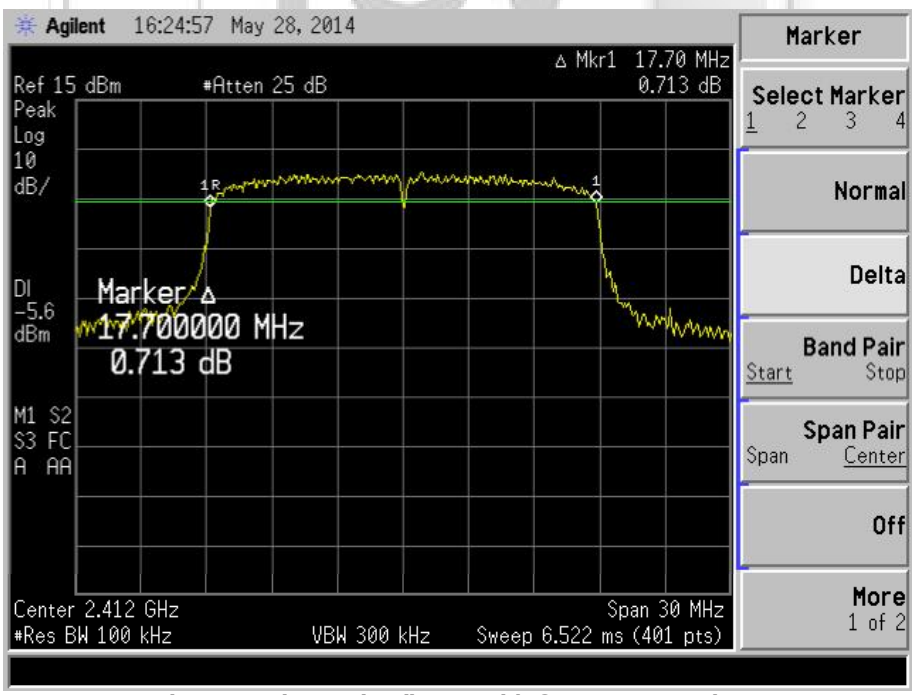


Plot 21 - Channel 11 *(upper ch)* @ 64QAM 54Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (20MHz)

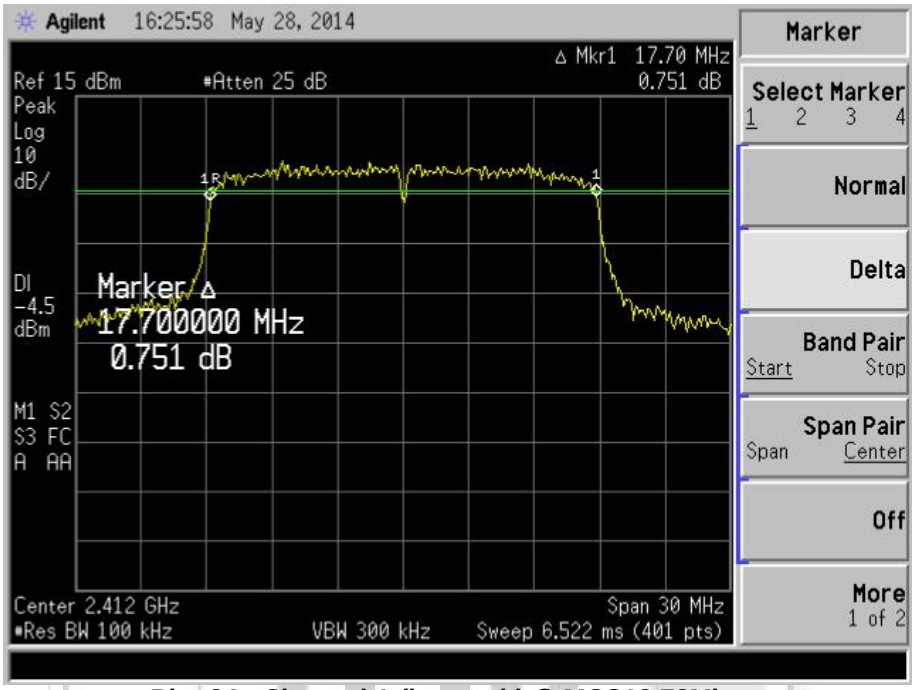


Plot 22 - Channel 1 *(lower ch)* @ MCS8 13Mbps

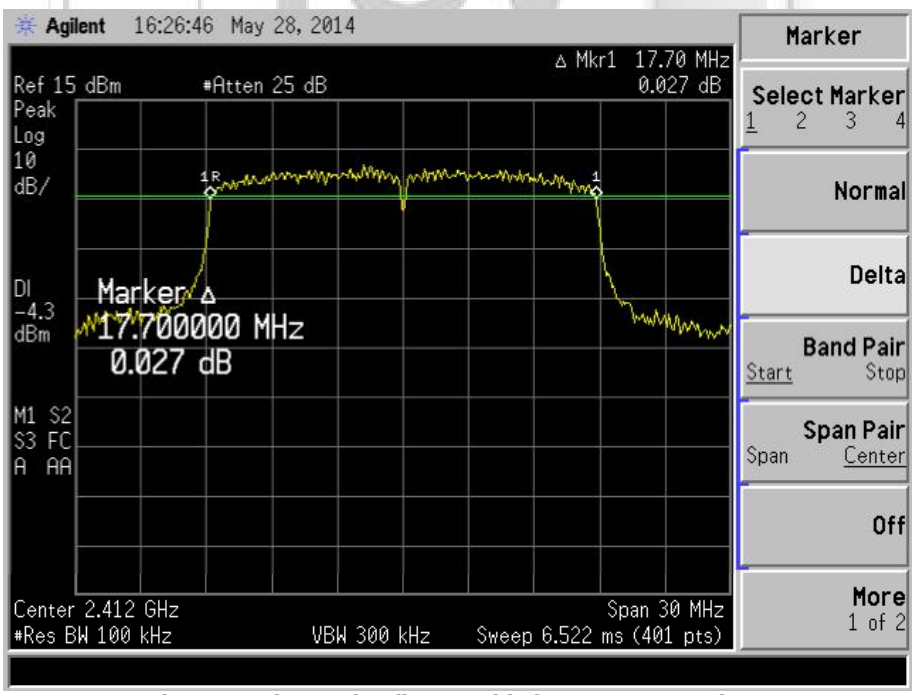


Plot 23 - Channel 1 *(lower ch)* @ MCS10 39Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (20MHz)

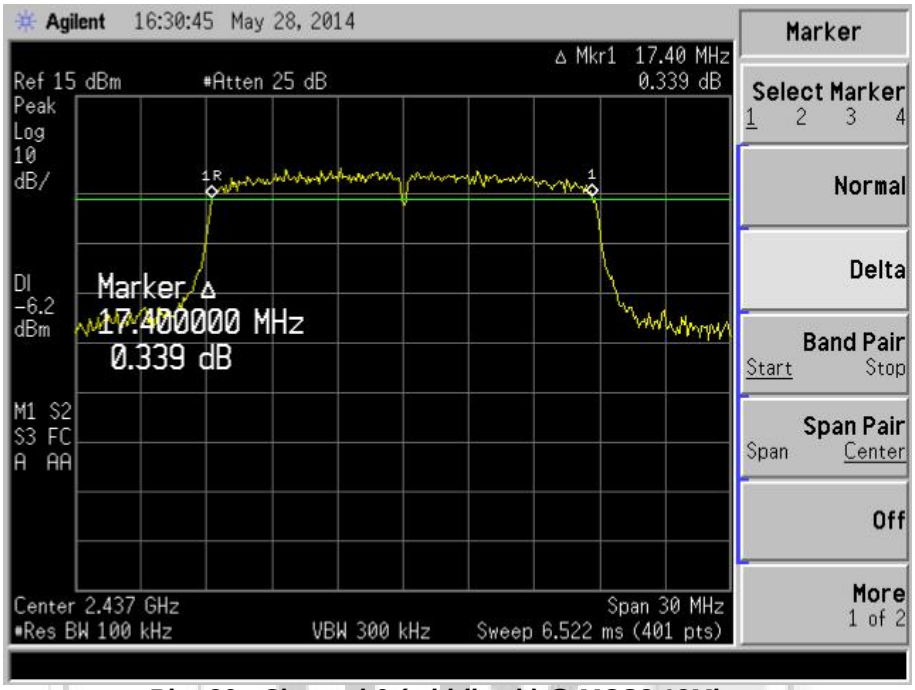


Plot 24 - Channel 1 *(lower ch)* @ MCS12 78Mbps

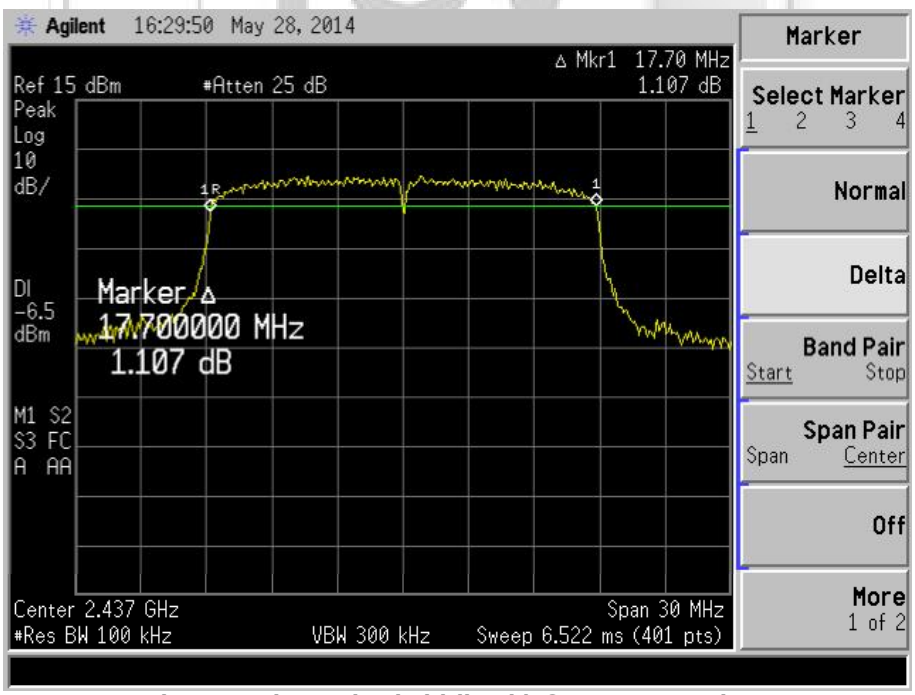


Plot 25 - Channel 1 *(lower ch)* @ MCS15 130Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (20MHz)

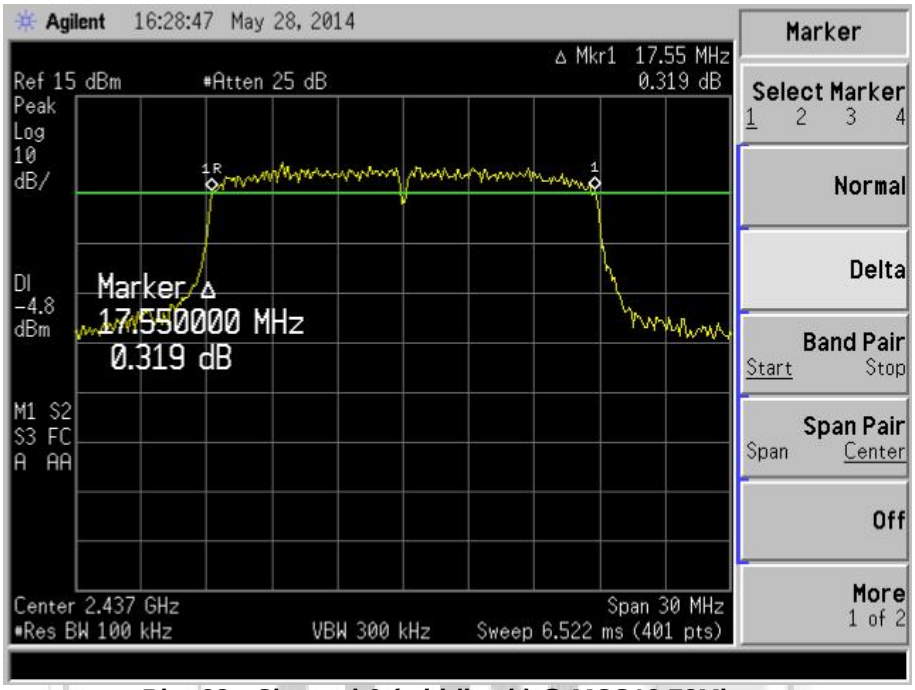


Plot 26 - Channel 6 *(middle ch)* @ MCS8 13Mbps

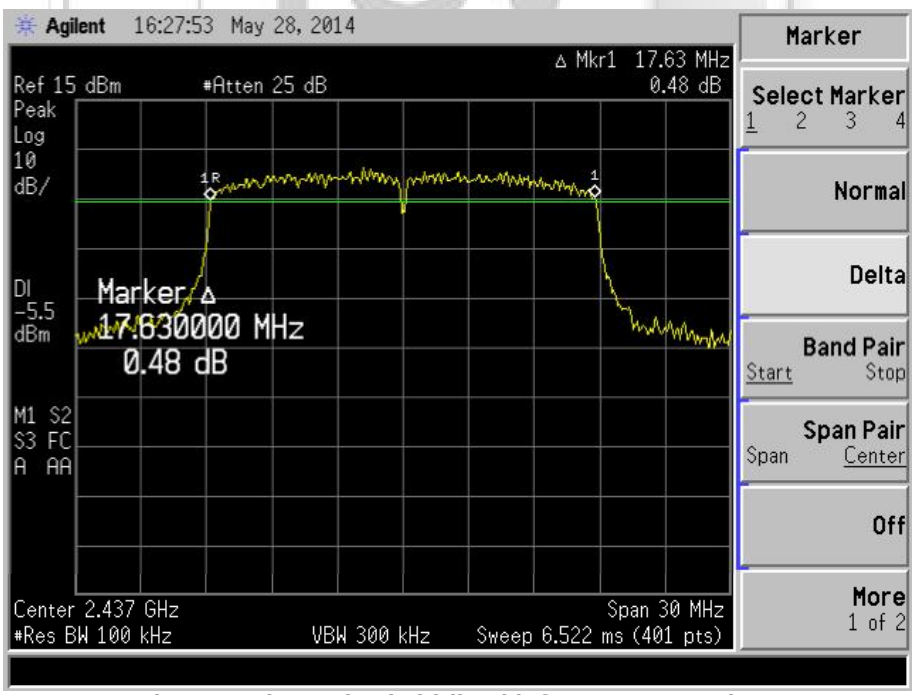


Plot 27 - Channel 6 *(middle ch)* @ MCS10 39Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (20MHz)

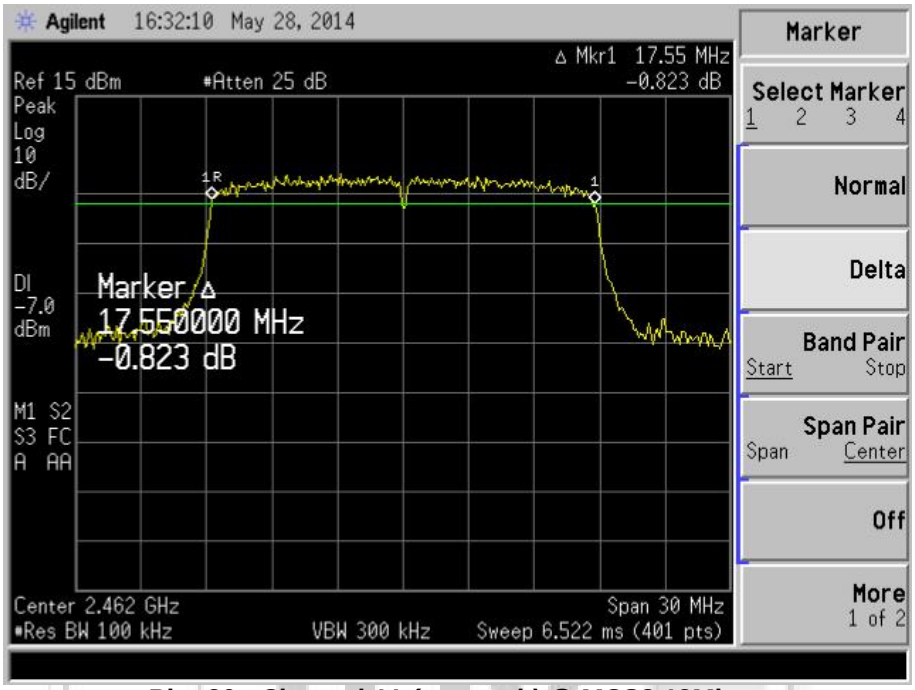


Plot 28 - Channel 6 *(middle ch)* @ MCS12 78Mbps

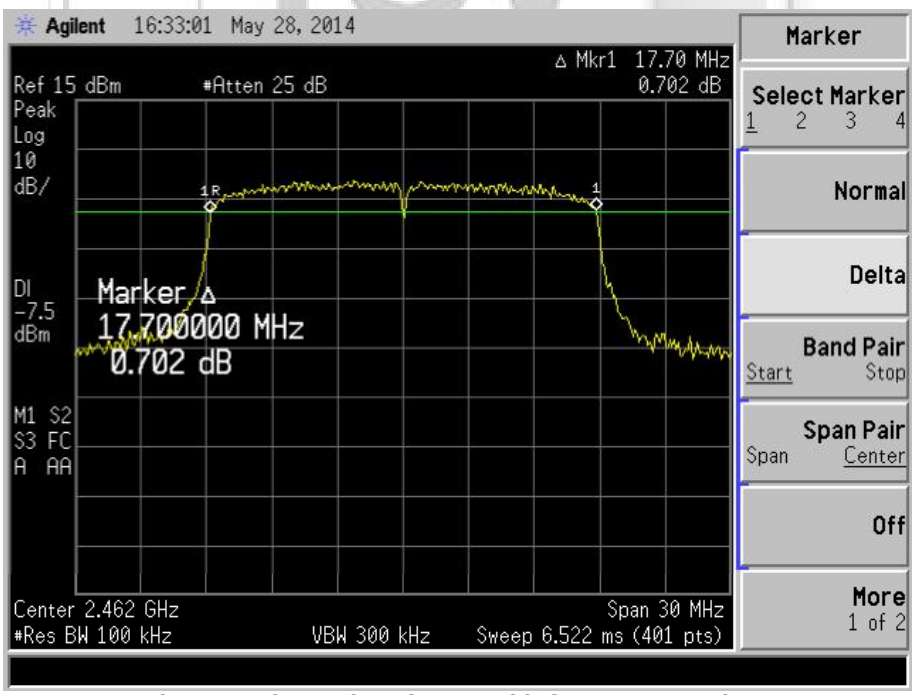


Plot 29 - Channel 6 *(middle ch)* @ MCS15 130Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (20MHz)

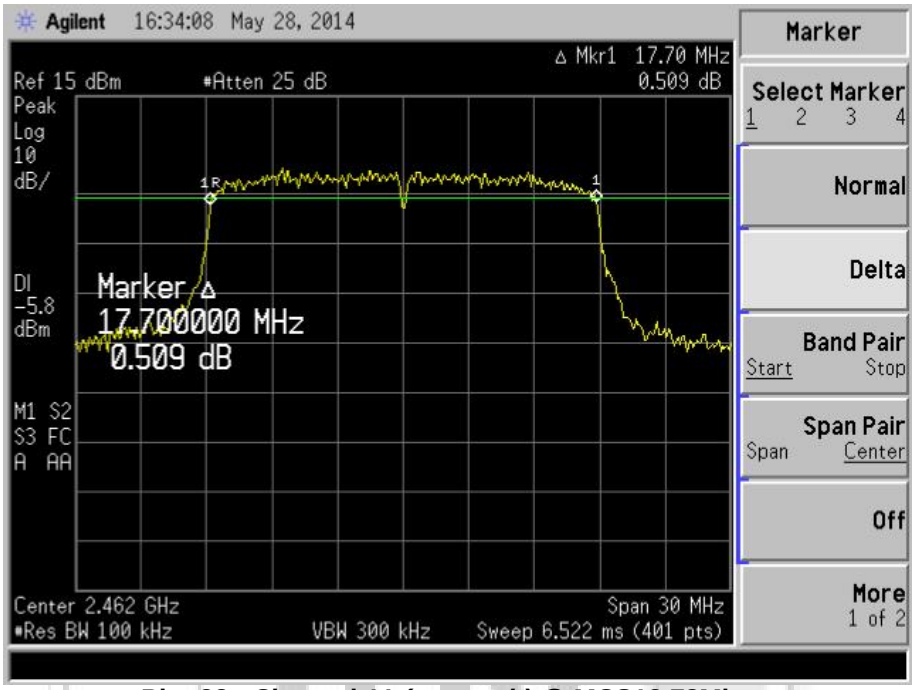


Plot 30 - Channel 11 *(upper ch)* @ MCS8 13Mbps

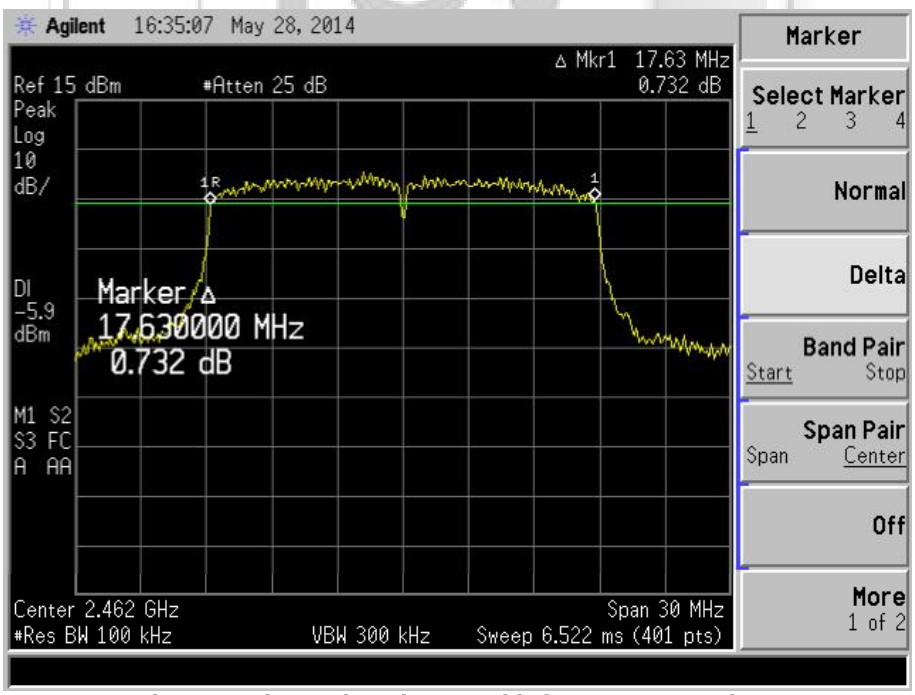


Plot 31 - Channel 11 *(upper ch)* @ MCS10 39Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (20MHz)

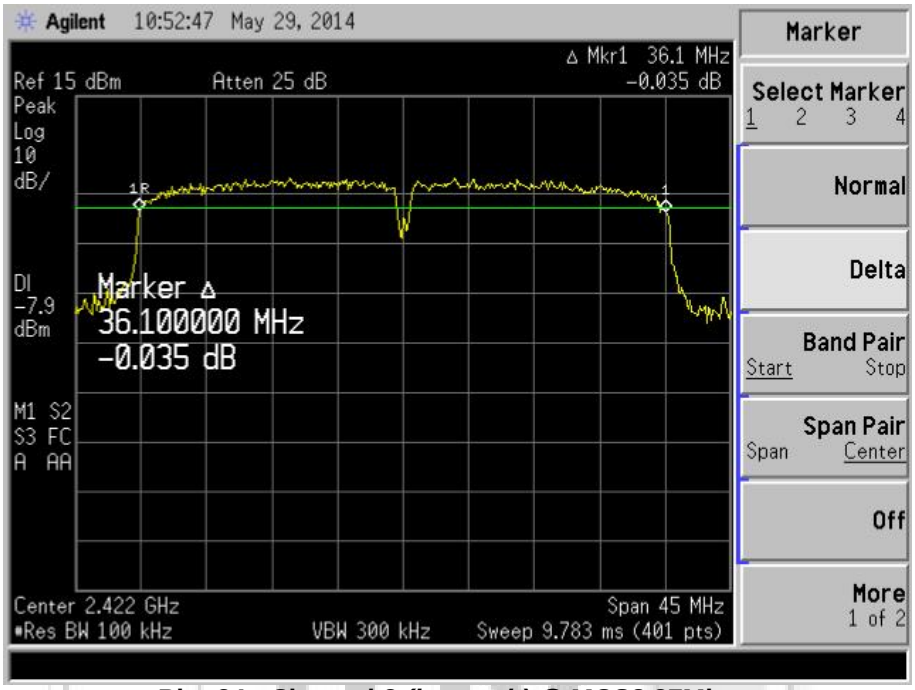


Plot 32 - Channel 11 *(upper ch)* @ MCS12 78Mbps

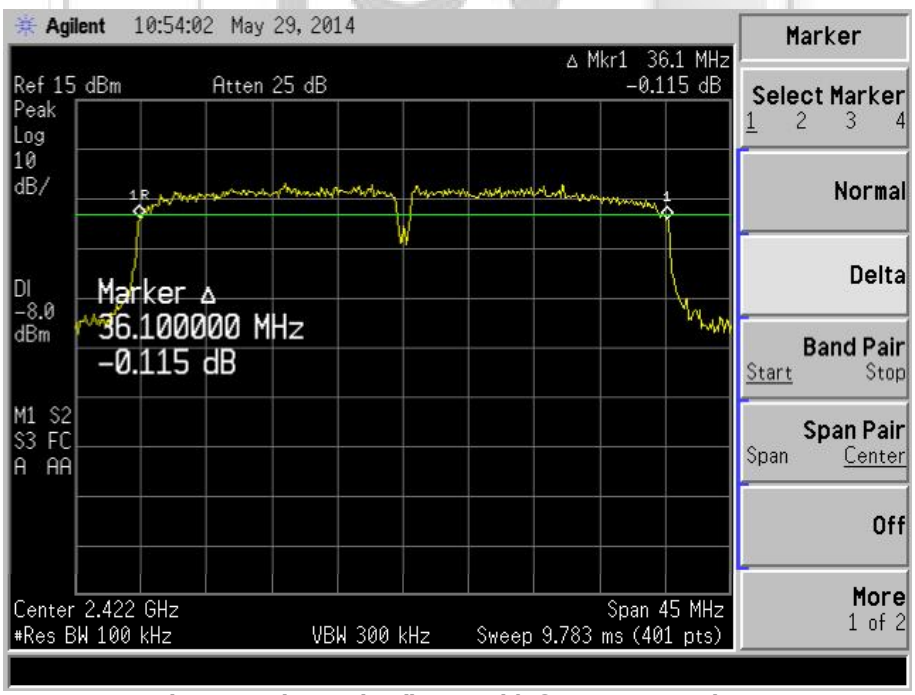


Plot 33 - Channel 11 *(upper ch)* @ MCS15 130Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (40MHz)

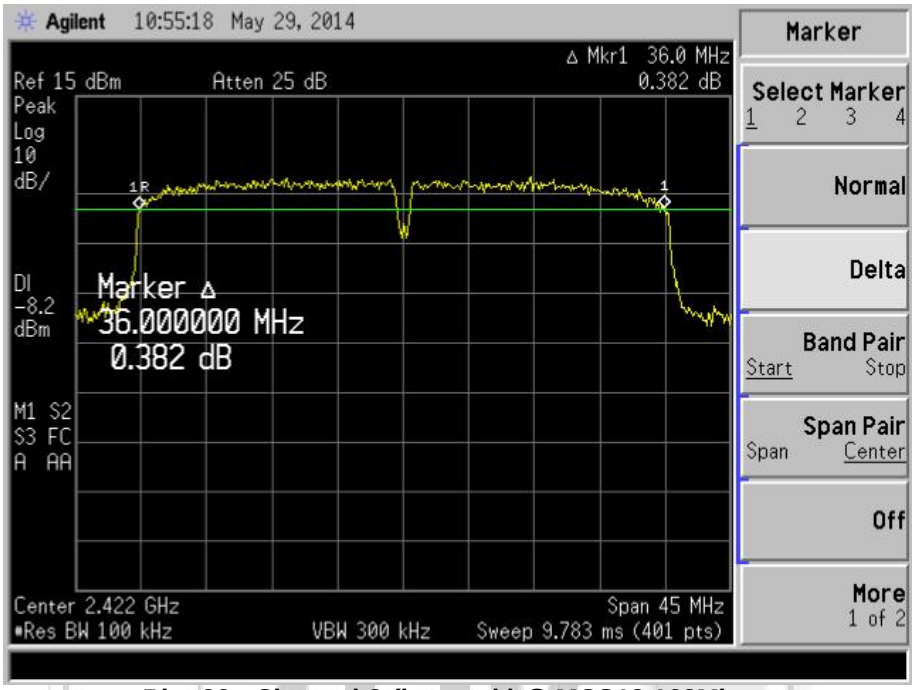


Plot 34 - Channel 3 *(lower ch)* @ MCS8 27Mbps

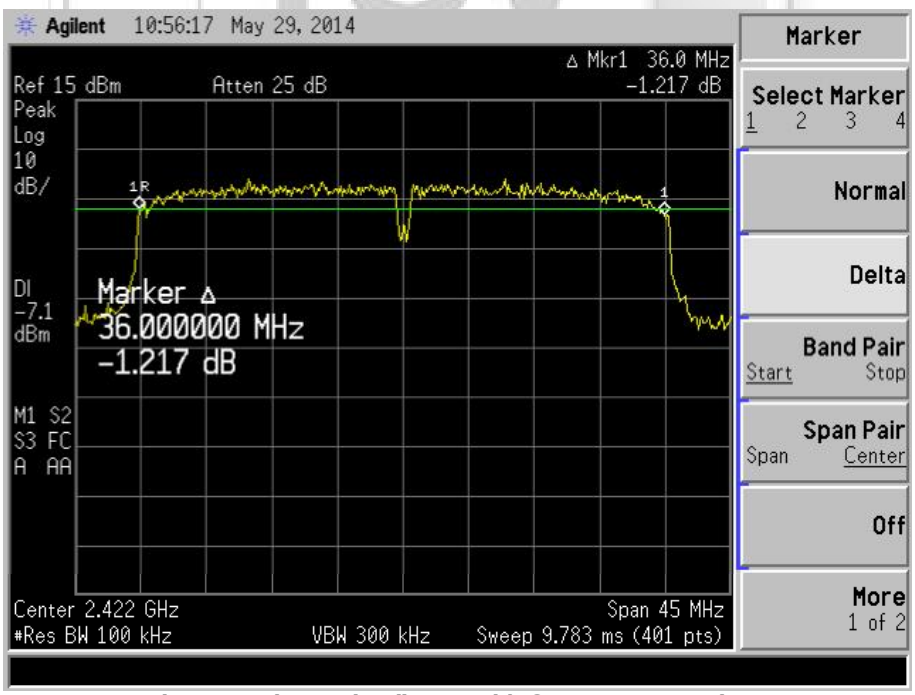


Plot 35 - Channel 3 *(lower ch)* @ MCS10 81Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (40MHz)

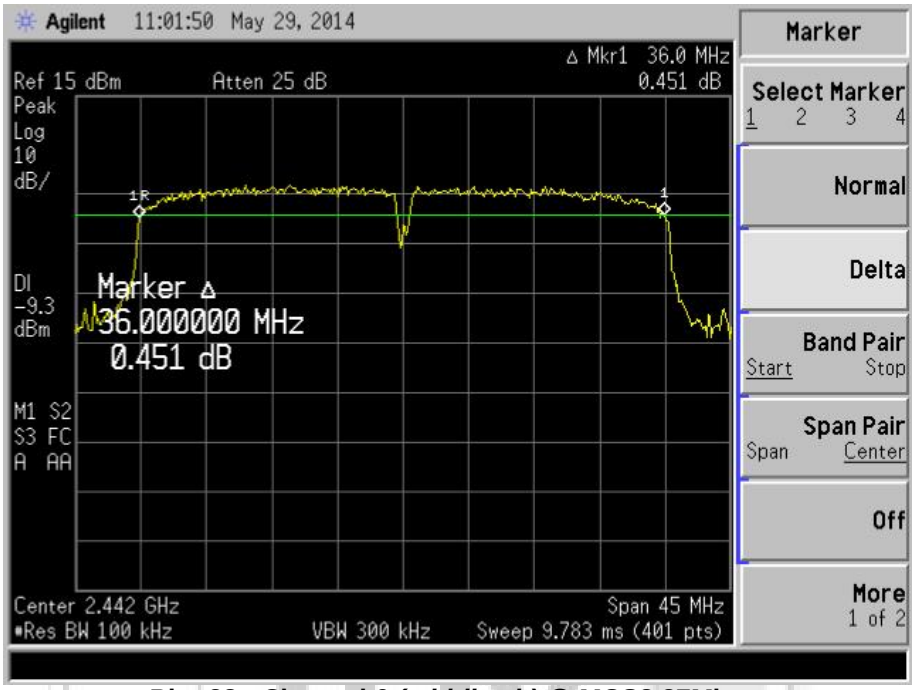


Plot 36 - Channel 3 *(lower ch)* @ MCS12 162Mbps

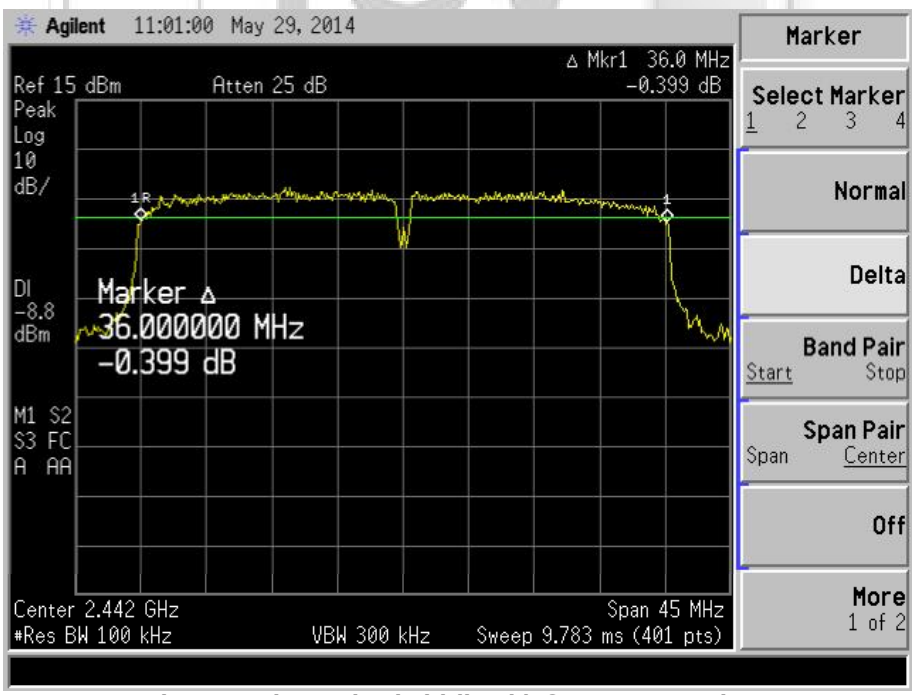


Plot 37 - Channel 3 *(lower ch)* @ MCS15 270Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (40MHz)

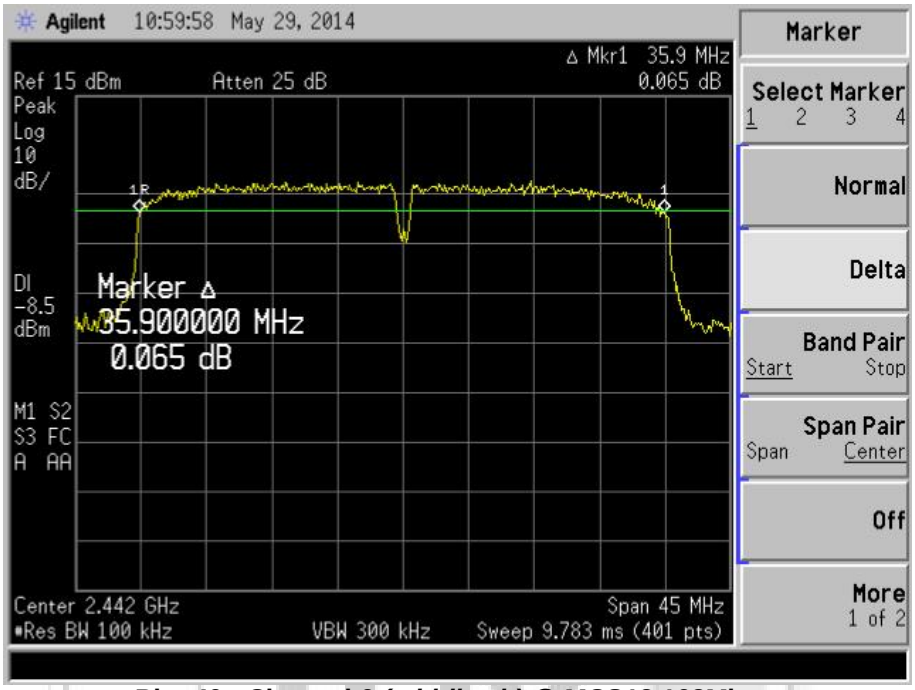


Plot 38 - Channel 6 *(middle ch)* @ MCS8 27Mbps

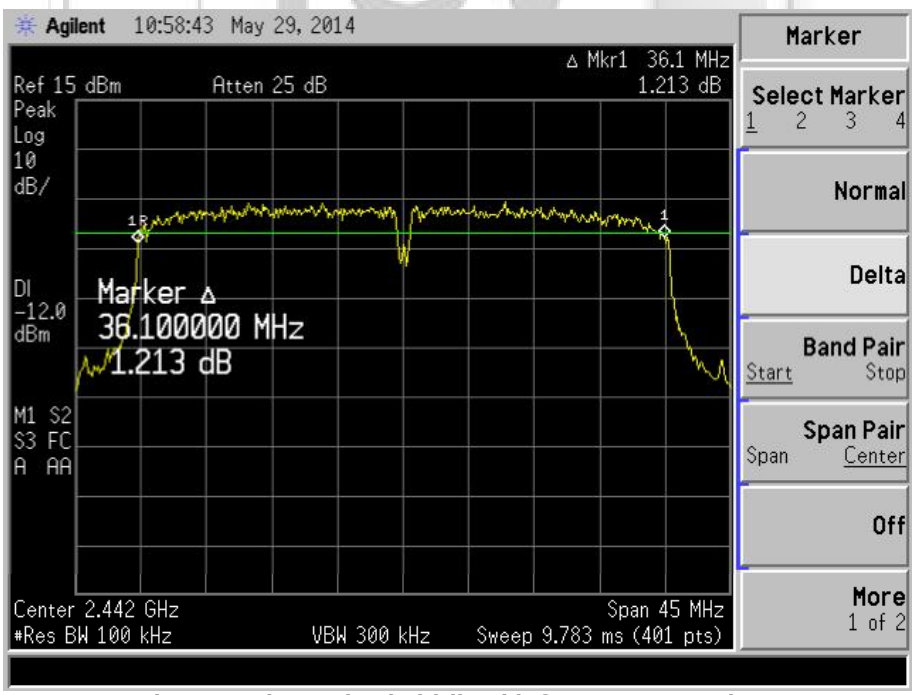


Plot 39 - Channel 6 *(middle ch)* @ MCS10 81Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (40MHz)

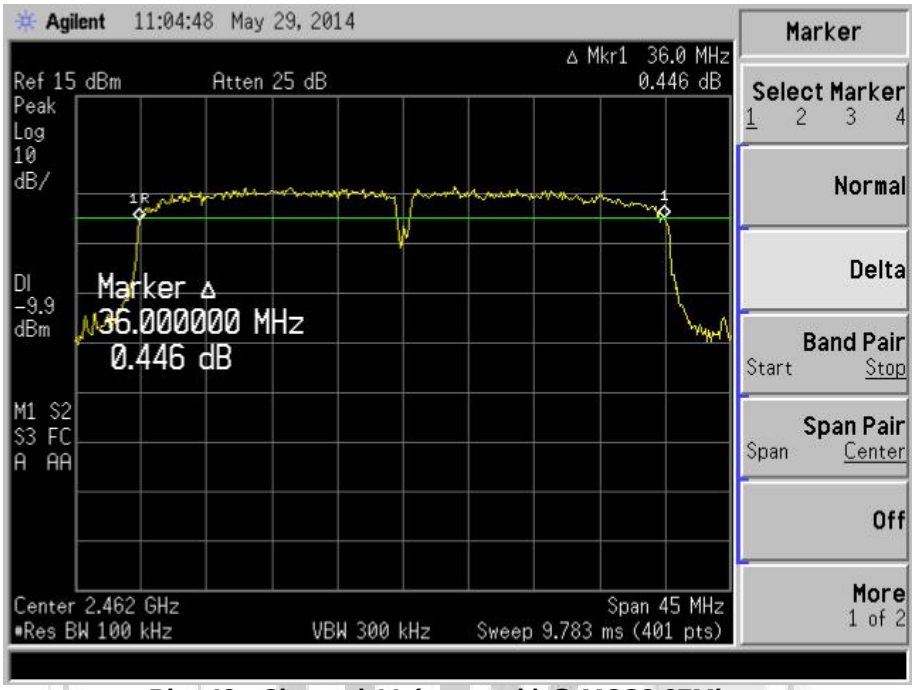


Plot 40 - Channel 6 *(middle ch)* @ MCS12 162Mbps

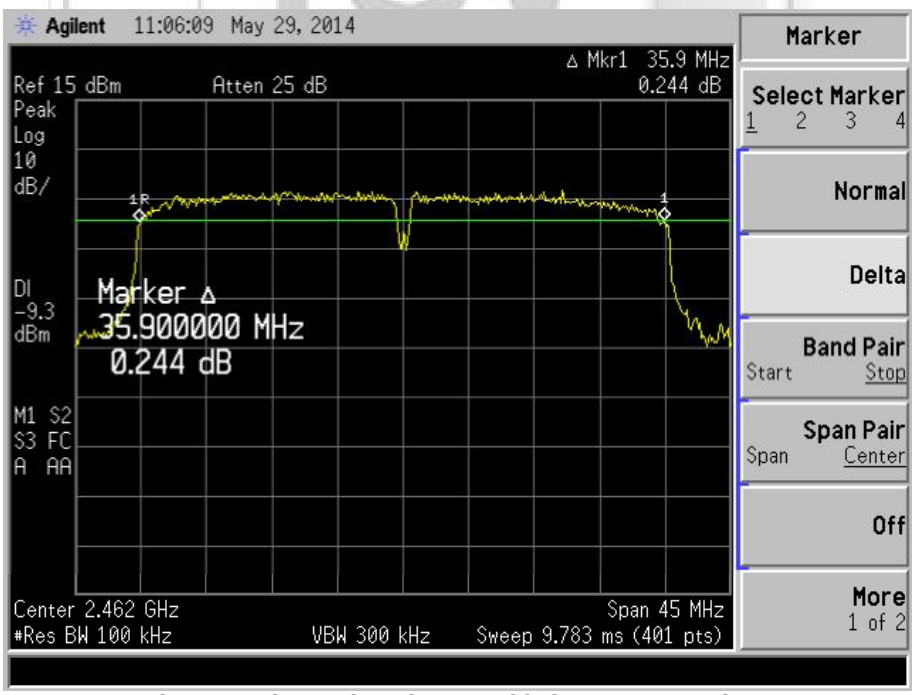


Plot 41 - Channel 6 *(middle ch)* @ MCS15 270Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (40MHz)

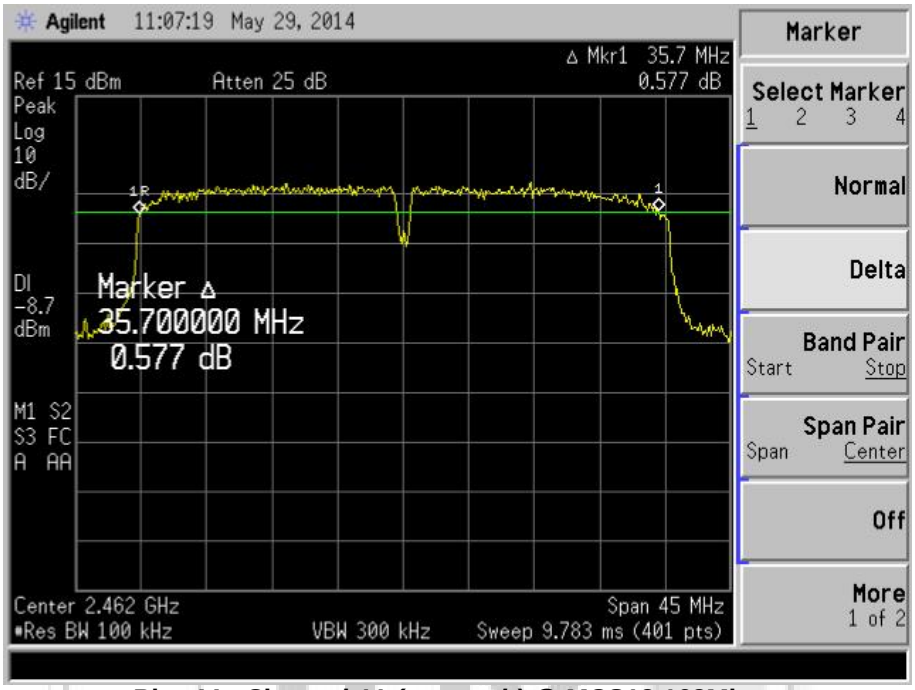


Plot 42 - Channel 11 *(upper ch)* @ MCS8 27Mbps

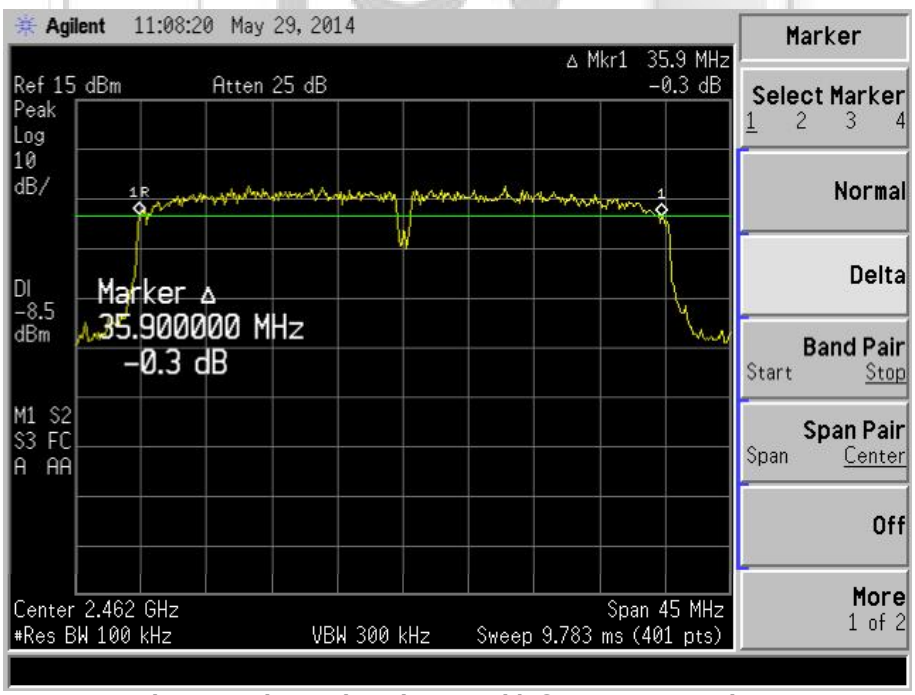


Plot 43 - Channel 11 *(upper ch)* @ MCS10 81Mbps

Spectrum Bandwidth (6dB Bandwidth Measurement) Plots – 802.11n (40MHz)



Plot 44 - Channel 11 *(upper ch)* @ MCS12 162Mbps



Plot 45 - Channel 11 *(upper ch)* @ MCS15 270Mbps

47 CFR FCC Part 15.247(b)(3) Maximum Peak Power Limits

The EUT shows compliance to the requirements of this section, which states the maximum peak power of the EUT employing digital modulation shall not exceed 1W (30dBm).

47 CFR FCC Part 15.247(b)(3) Maximum Peak Power Test Instrumentation

Instrument	Model	S/No	Cal Due Date	Cal Interval
Agilent Power Meter	E4416A	GB41290618	14 Aug 2014	1 year
Agilent Power Sensor	8482A	MY41090429	18 Dec 2014	1 year
Agilent DC Power Supply	E3620A	MY40000448	Output Monitor	Output Monitor

47 CFR FCC Part 15.247(b)(3) Maximum Peak Power 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 power meter.
4. All other supporting equipment were powered separately from another filtered mains.

47 CFR FCC Part 15.247(b)(3) Maximum Peak Power Test Method

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 at lower channel with specified modulation and data rate.
2. The maximum peak power of the transmitting frequency was detected and recorded.
3. Repeat steps 1 to 2 with all possible modulations and data rates.
4. The steps 2 to 3 were repeated with the transmitting frequency was set to middle and upper respectively.

47 CFR FCC Part 15.247(b)(3) Maximum Peak Power Results

Test Input Power	120V 60Hz	Temperature	22°C
Antenna Gain	0.0 dBi	Relative Humidity	54%
	802.11b	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	Maximum Peak Power (W)	Limit (W)	Modulation @ Data Rate
1 *(lower ch)*	2.412	0.1102	1.0	DBPSK @ 1Mbps
		0.1250	1.0	DQPSK @ 2Mbps
		0.1524	1.0	CCK @ 11Mbps
6 *(mid ch)*	2.437	0.1035	1.0	DBPSK @ 1Mbps
		0.1096	1.0	DQPSK @ 2Mbps
		0.1387	1.0	CCK @ 11Mbps
11 *(upper ch)*	2.462	0.0889	1.0	DBPSK @ 1Mbps
		0.0889	1.0	DQPSK @ 2Mbps
		0.1227	1.0	CCK @ 11Mbps

Test Input Power	120V 60Hz	Temperature	22°C
Antenna Gain	0.0 dBi	Relative Humidity	54%
	802.11g	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	Maximum Peak Power (W)	Limit (W)	Modulation @ Data Rate
1 *(lower ch)*	2.412	0.1230	1.0	BPSK @ 9Mbps
		0.1318	1.0	QPSK @ 18Mbps
		0.1324	1.0	16QAM @ 36Mbps
		0.1271	1.0	64QAM @ 54Mbps
6 *(mid ch)*	2.437	0.1119	1.0	BPSK @ 9Mbps
		0.1132	1.0	QPSK @ 18Mbps
		0.1132	1.0	16QAM @ 36Mbps
		0.1180	1.0	64QAM @ 54Mbps
11 *(upper ch)*	2.462	0.0912	1.0	BPSK @ 9Mbps
		0.0931	1.0	QPSK @ 18Mbps
		0.0977	1.0	16QAM @ 36Mbps
		0.0920	1.0	64QAM @ 54Mbps

47 CFR FCC Part 15.247(b)(3) Maximum Peak Power Results

Test Input Power	120V 60Hz	Temperature	22°C
Antenna Gain	0.0 dBi	Relative Humidity	54%
	802.11n (20MHz)	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	Maximum Peak Power (W)	Limit (W)	Modulation @ Data Rate
1 *(lower ch)*	2.412	0.1081	1.0	MCS8 @ 13Mbps
		0.1135	1.0	MCS10 @ 39Mbps
		0.1035	1.0	MCS12 @ 78Mbps
		0.1132	1.0	MCS15 @ 130Mbps
6 *(mid ch)*	2.437	0.1012	1.0	MCS8 @ 13Mbps
		0.0959	1.0	MCS10 @ 39Mbps
		0.0912	1.0	MCS12 @ 78Mbps
		0.1026	1.0	MCS15 @ 130Mbps
11 *(upper ch)*	2.462	0.0828	1.0	MCS8 @ 13Mbps
		0.0839	1.0	MCS10 @ 39Mbps
		0.0847	1.0	MCS12 @ 78Mbps
		0.0857	1.0	MCS15 @ 130Mbps

Test Input Power	120V 60Hz	Temperature	22°C
Antenna Gain	0.0 dBi	Relative Humidity	54%
	802.11n (40MHz)	Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

Channel	Channel Frequency (GHz)	Maximum Peak Power (W)	Limit (W)	Modulation @ Data Rate
3 *(lower ch)*	2.422	0.0912	1.0	MCS8 @ 27Mbps
		0.0959	1.0	MCS10 @ 81Mbps
		0.1050	1.0	MCS12 @ 162Mbps
		0.0964	1.0	MCS15 @ 270Mbps
7 *(mid ch)*	2.442	0.0843	1.0	MCS8 @ 27Mbps
		0.0910	1.0	MCS10 @ 81Mbps
		0.0889	1.0	MCS12 @ 162Mbps
		0.0899	1.0	MCS15 @ 270Mbps
11 *(upper ch)*	2.462	0.0670	1.0	MCS8 @ 27Mbps
		0.0738	1.0	MCS10 @ 81Mbps
		0.0757	1.0	MCS12 @ 162Mbps
		0.0716	1.0	MCS15 @ 270Mbps

Notes

1. Nil.

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

The EUT shows compliance to the requirements of this section, which states in any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator (EUT) is operating, the radio frequency power that is produced by the EUT shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of desired power.

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Non-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

47 CFR FCC Part 15.247(d) RF Conducted Spurious Emissions (Non-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) and the video bandwidth (VBW) of the spectrum analyser were respectively set to 100kHz and 300kHz.
5. All other supporting equipment were powered separately from another filtered mains.

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

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. The start and stop frequencies of the spectrum analyser were set to 30MHz and 10GHz.
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.
4. The steps 2 to 3 were repeated with frequency span was set from 10GHz to 25GHz.
5. Repeat steps 1 to 4 with all possible modulations and data rates.
6. The steps 2 to 5 were repeated with the transmitting frequency was set to middle and upper channel respectively.

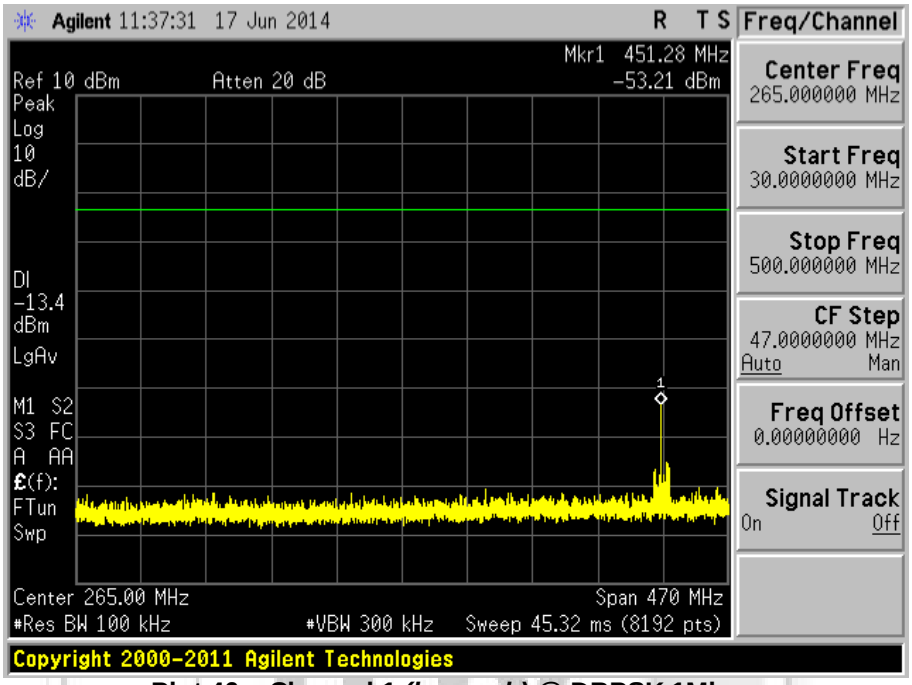
RF CONDUCTED SPURIOUS EMISSIONS (NON-RESTRICTED BANDS) TEST

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

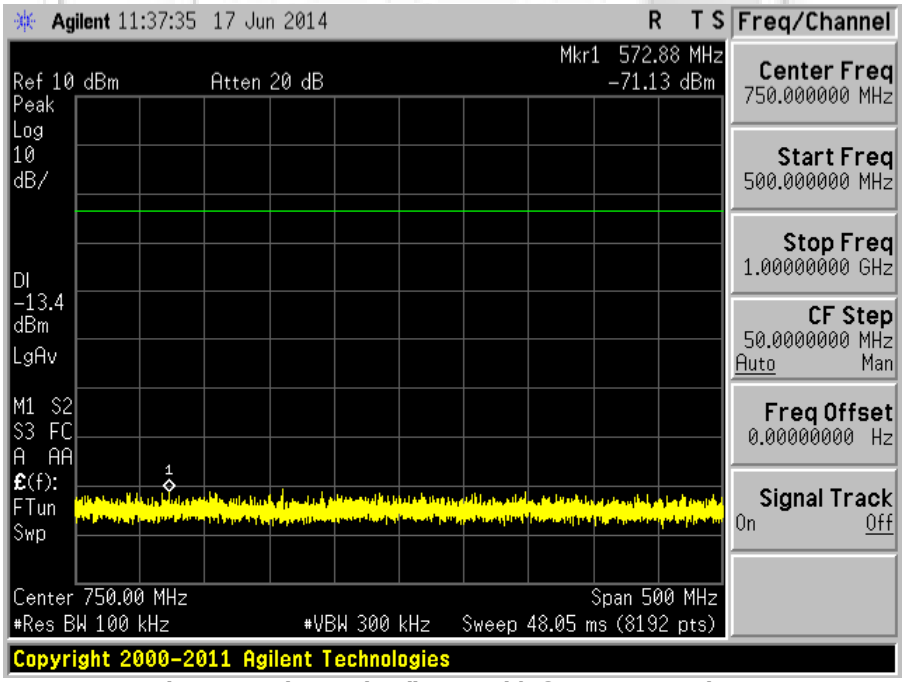
Test Input Power	120V 60Hz	Temperature	22°C
Attached Plots	46 – 333 (802.11b) 334 – 717 (802.11g) 718 – 1101 (802.11n 20MHz) 1102 – 1485 (802.11n 40MHz)	Relative Humidity	52%
		Atmospheric Pressure	1030mbar
		Tested By	Kyaw Soe Hein

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

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

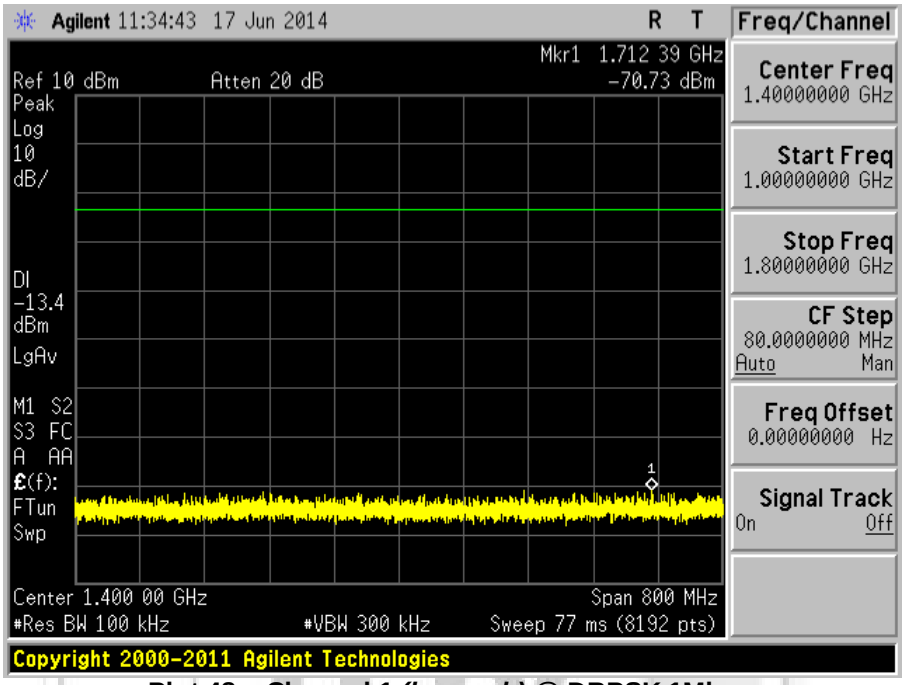


Plot 46 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

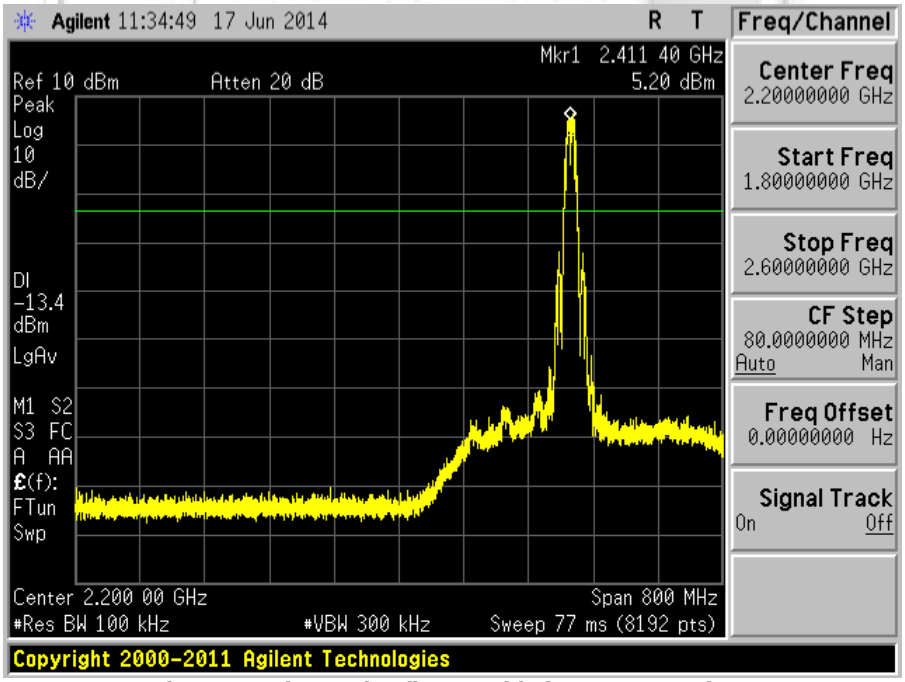


Plot 47 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

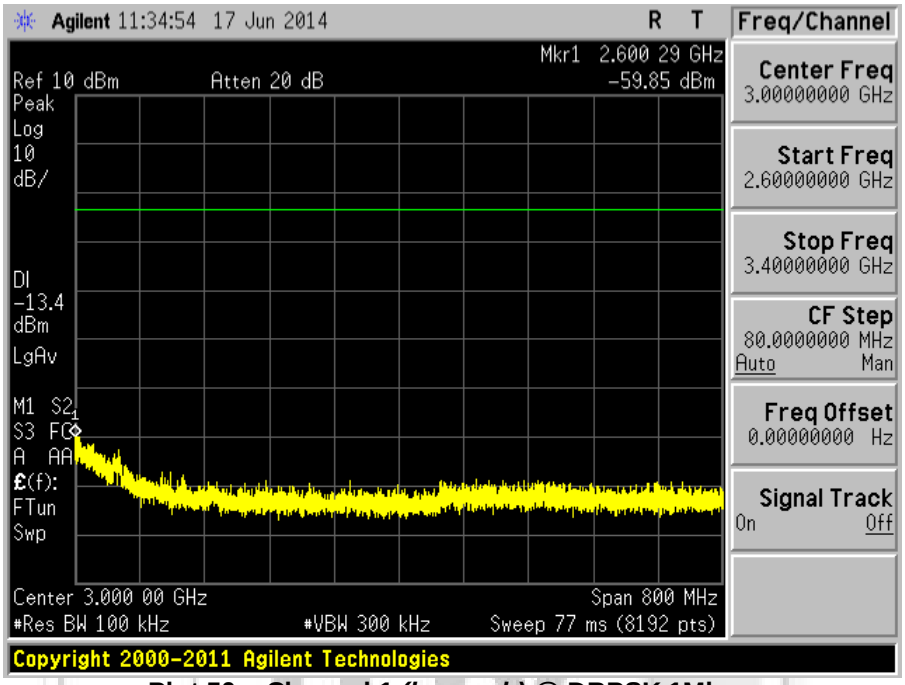


Plot 48 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

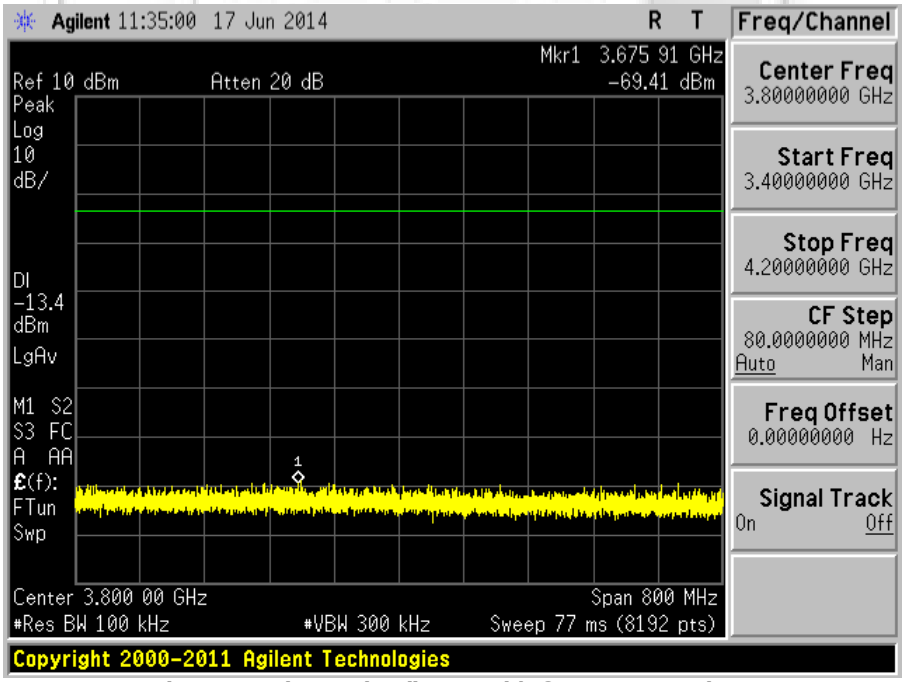


Plot 49 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

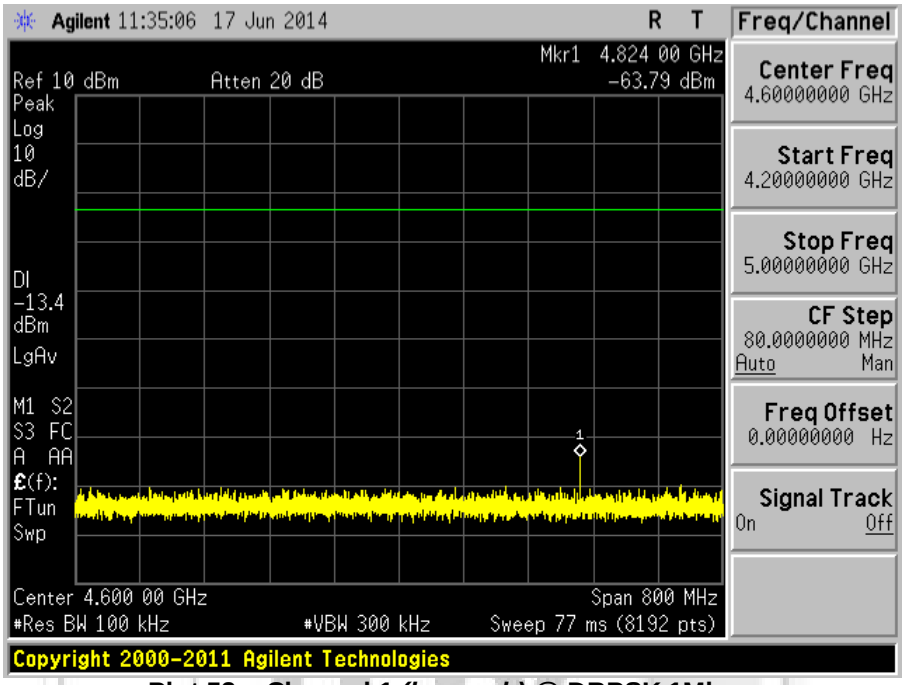


Plot 50 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

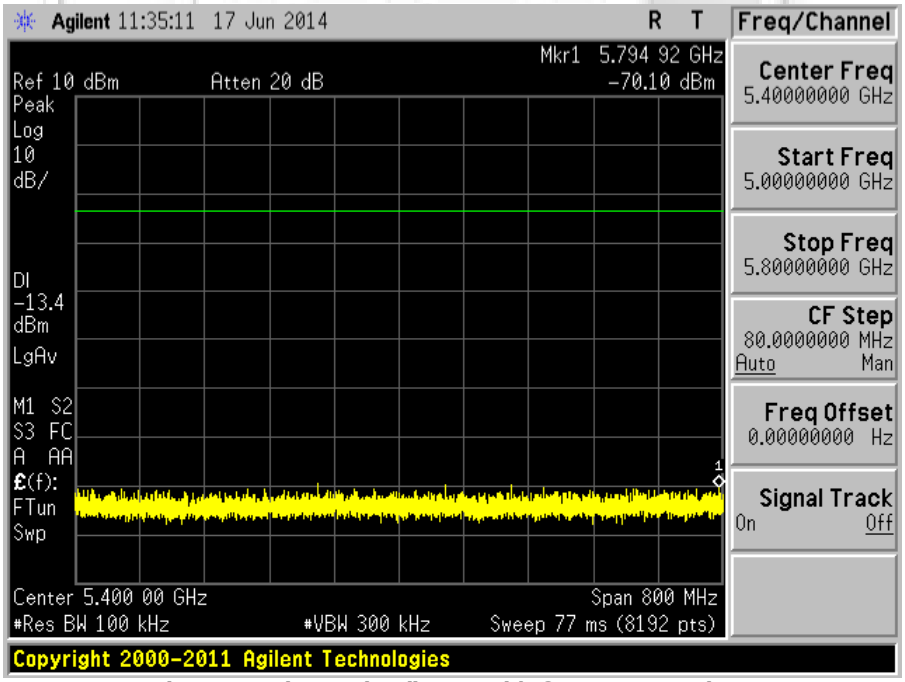


Plot 51 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

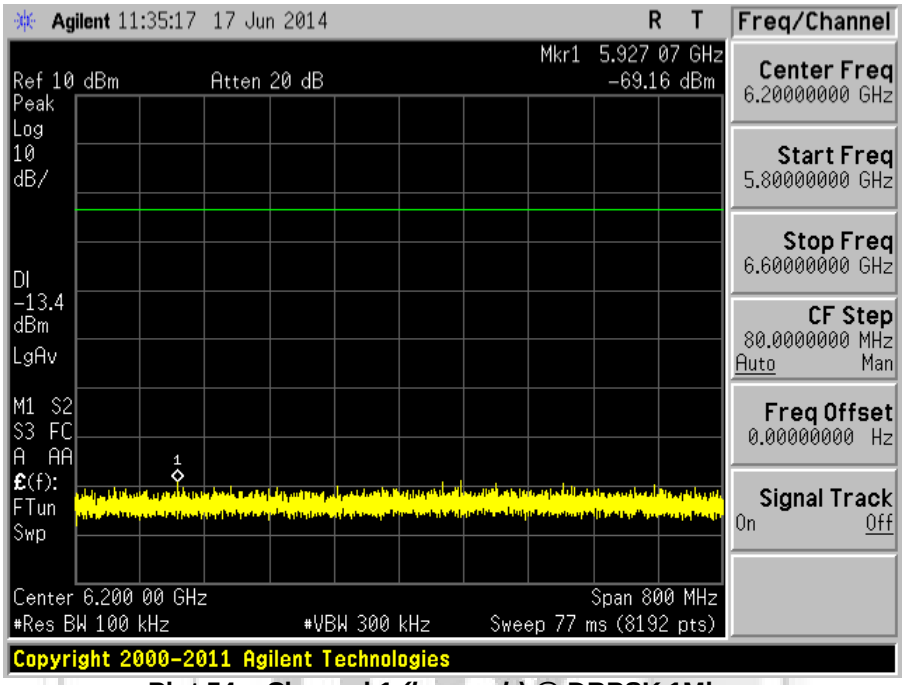


Plot 52 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

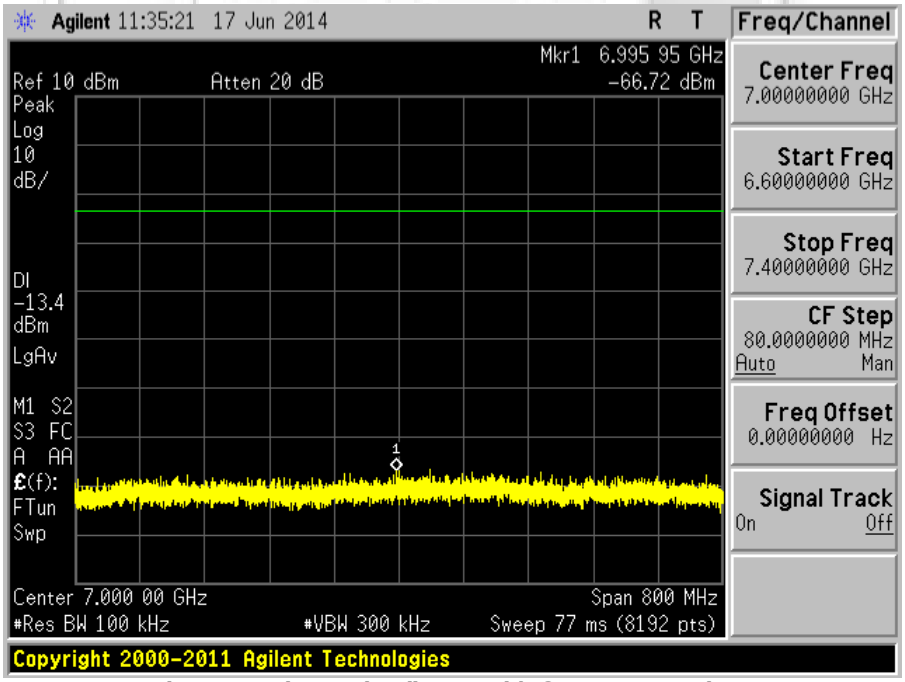


Plot 53 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

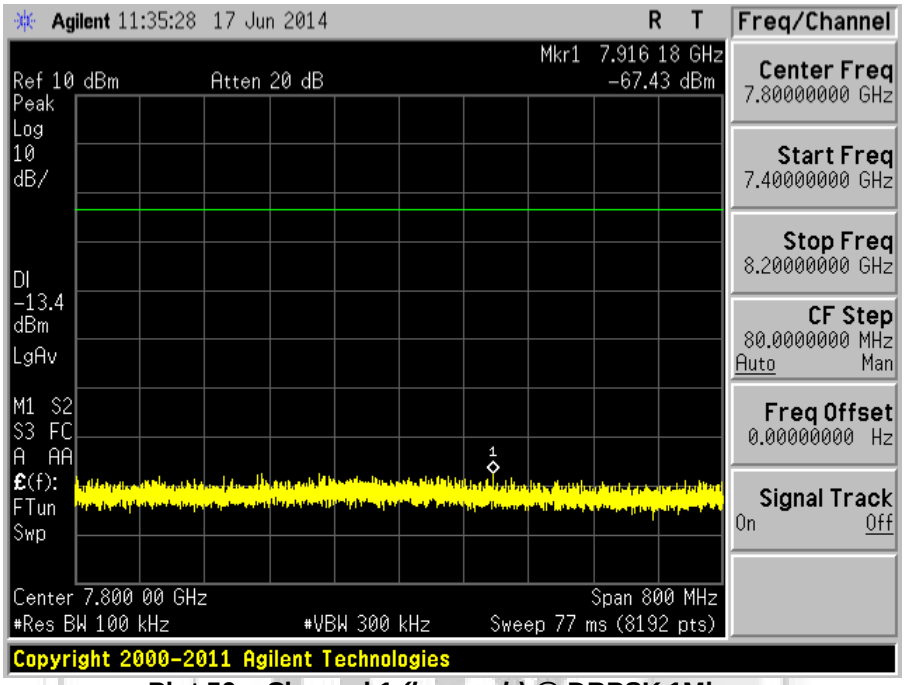


Plot 54 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

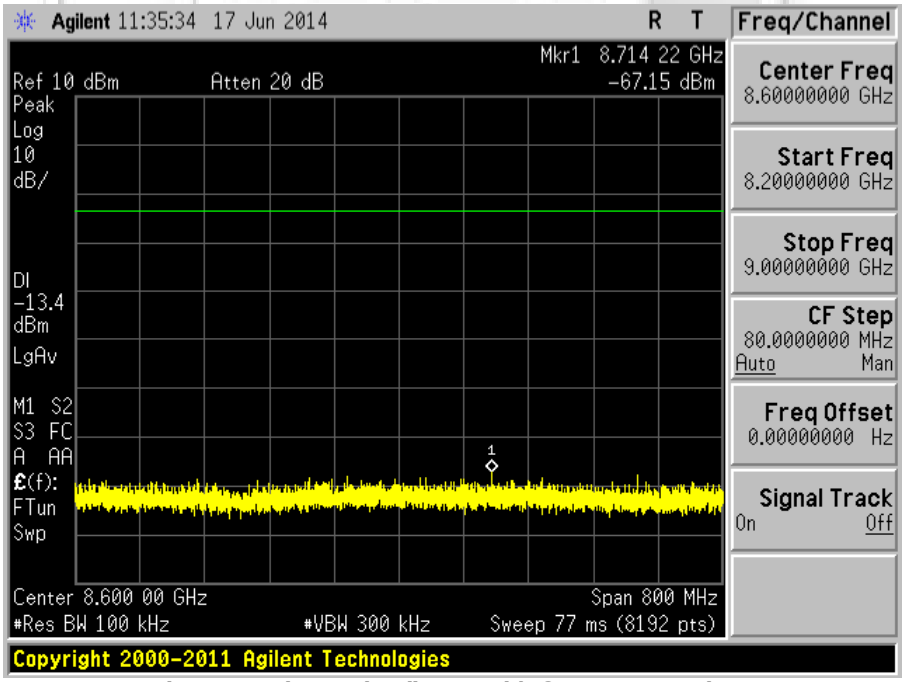


Plot 55 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

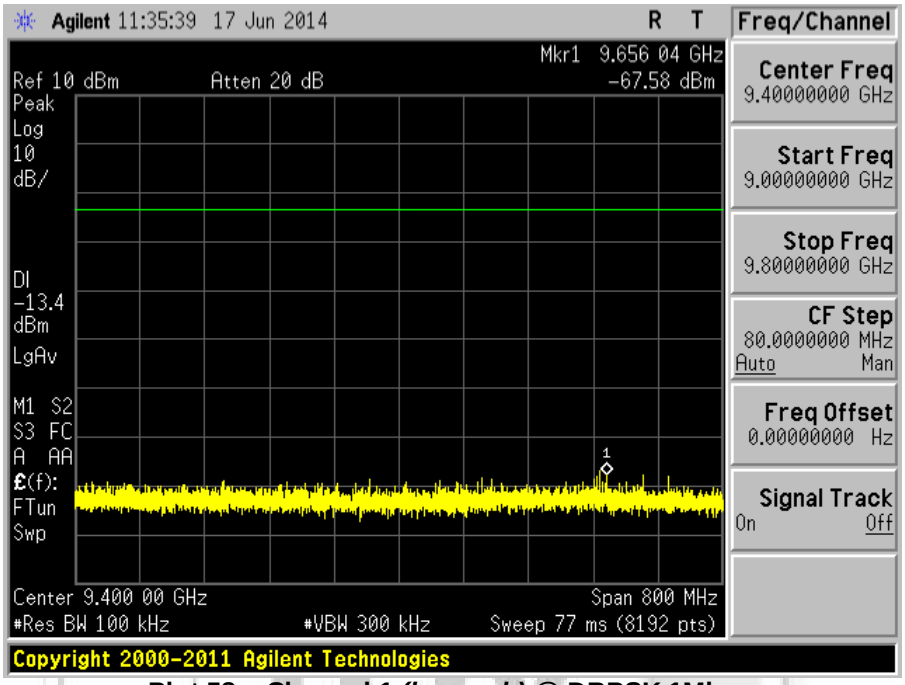


Plot 56 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

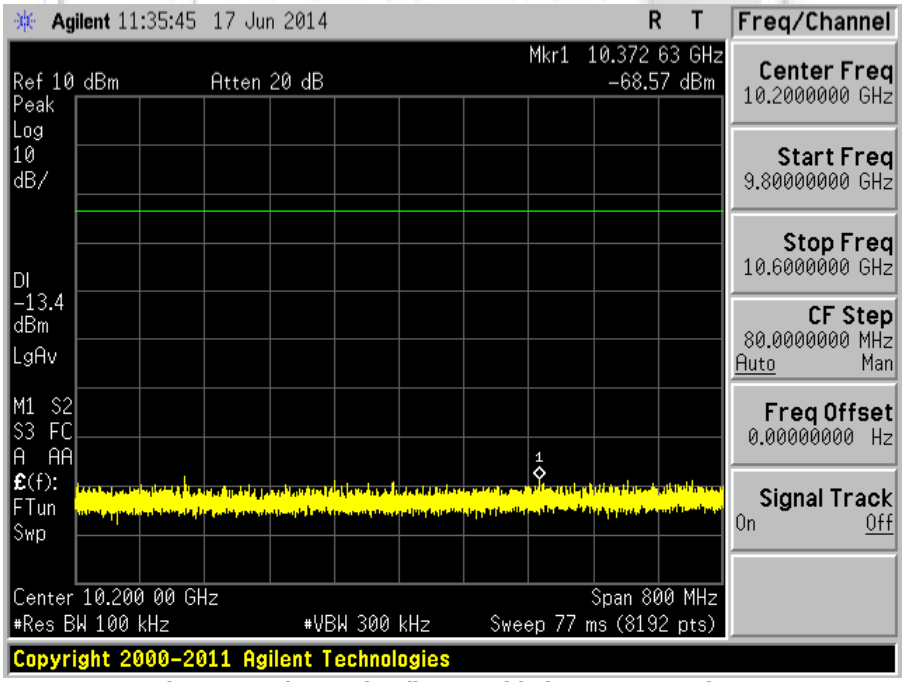


Plot 57 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

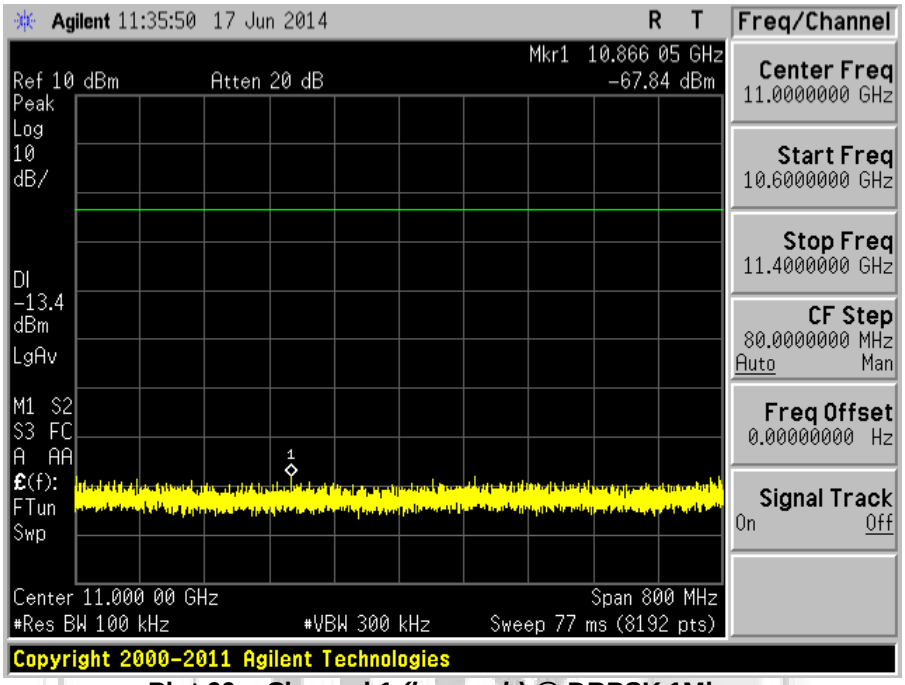


Plot 58 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

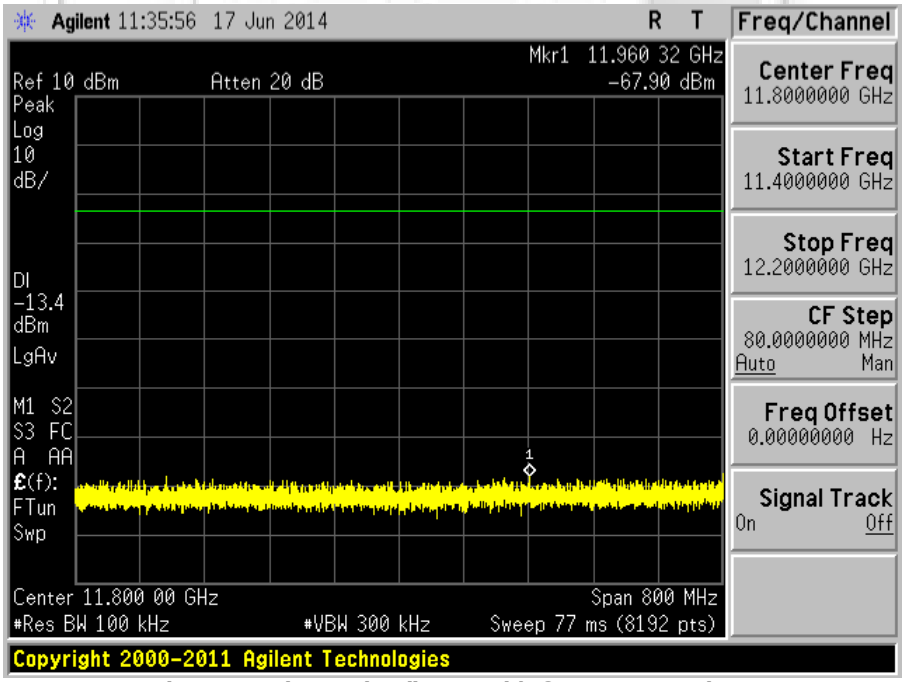


Plot 59 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

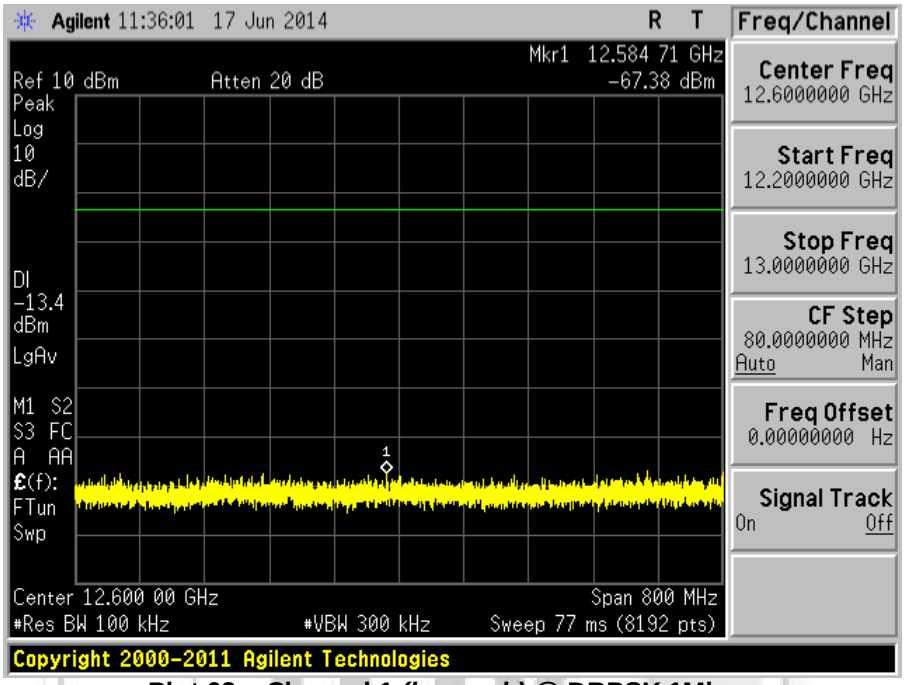


Plot 60 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

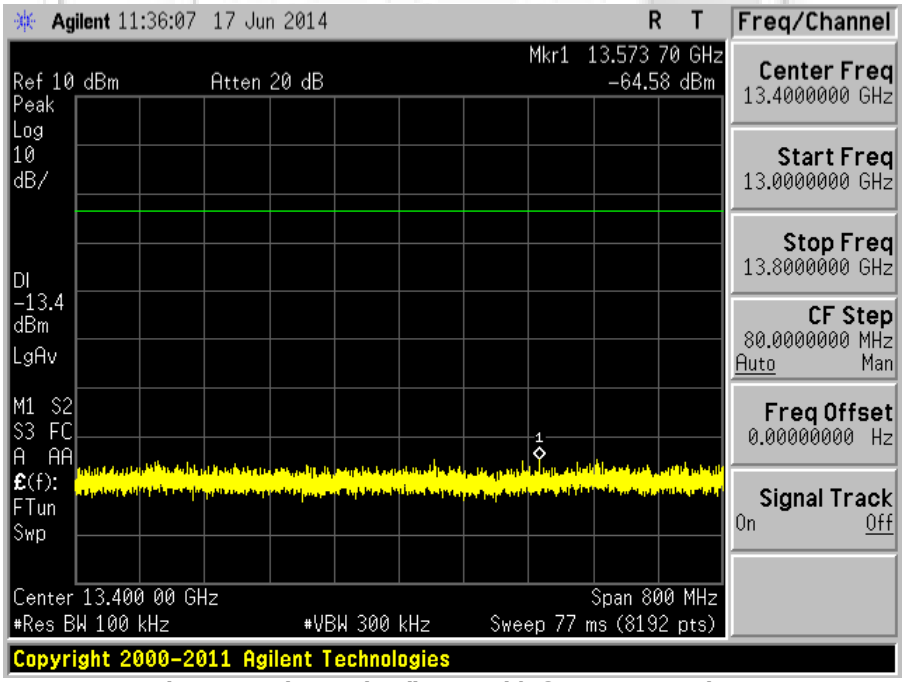


Plot 61 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

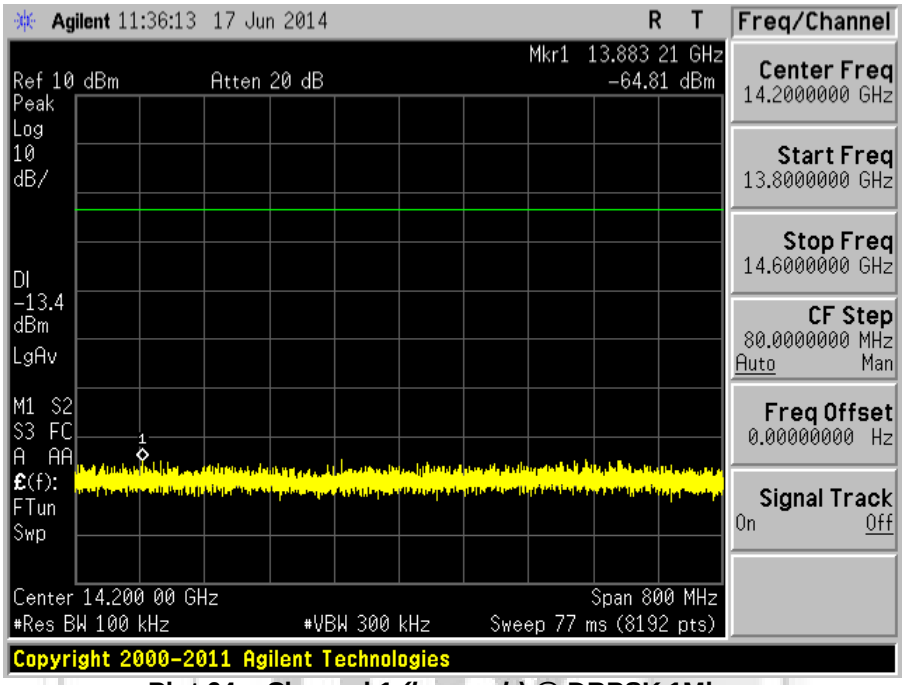


Plot 62 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

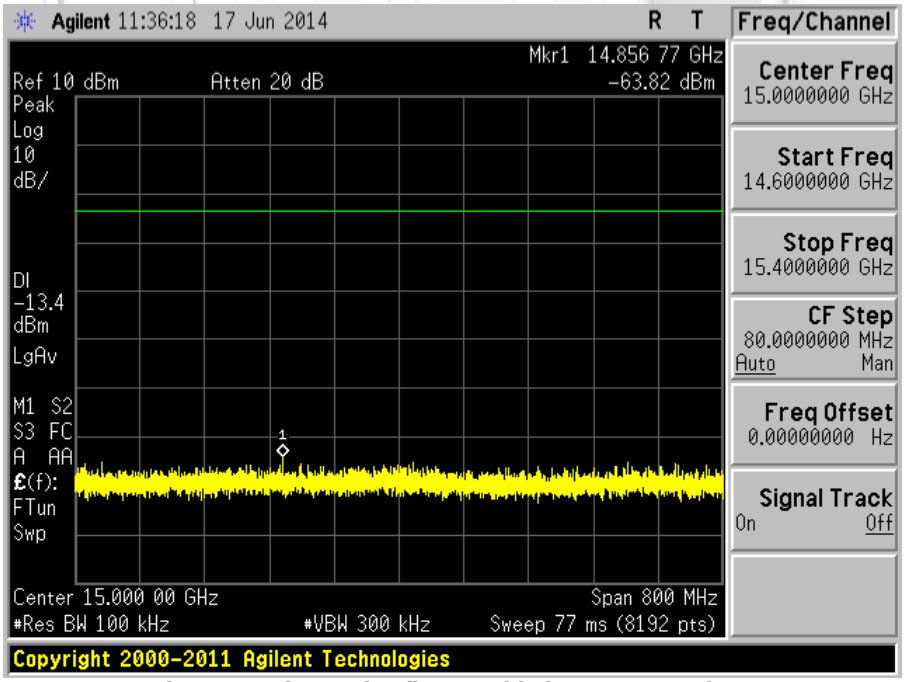


Plot 63 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

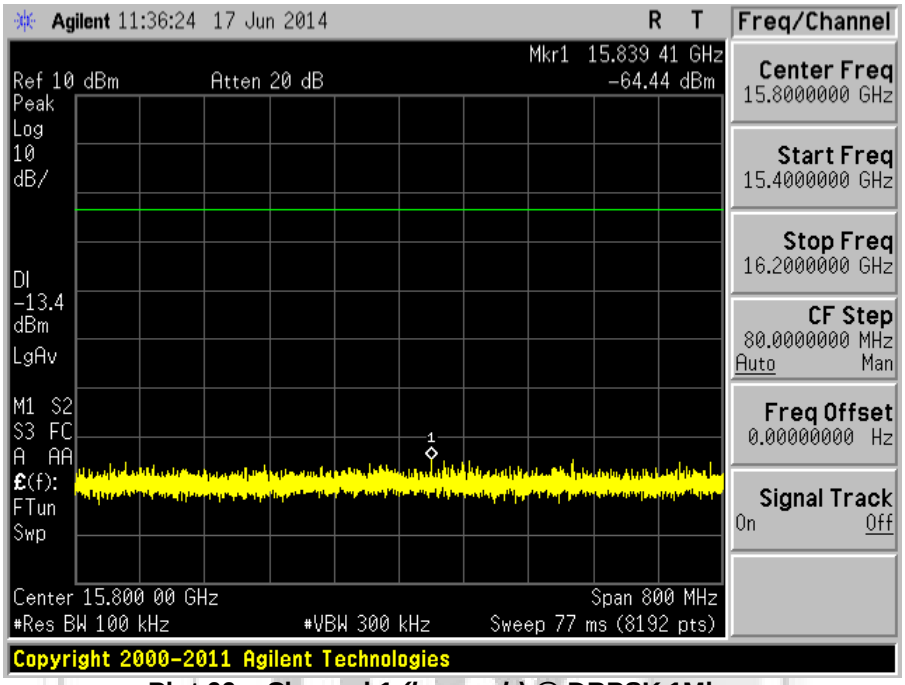


Plot 64 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

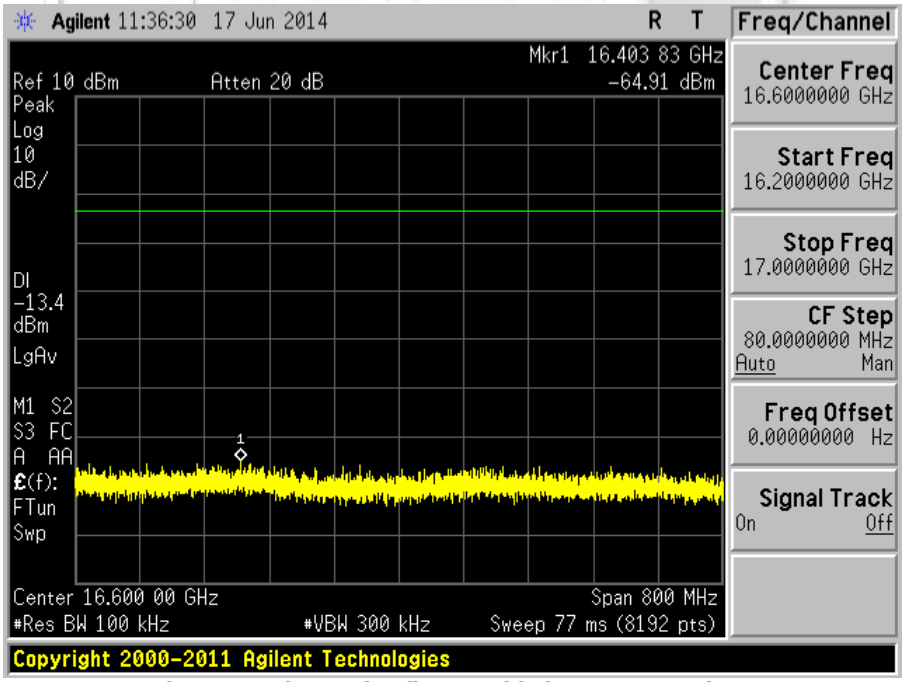


Plot 65 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

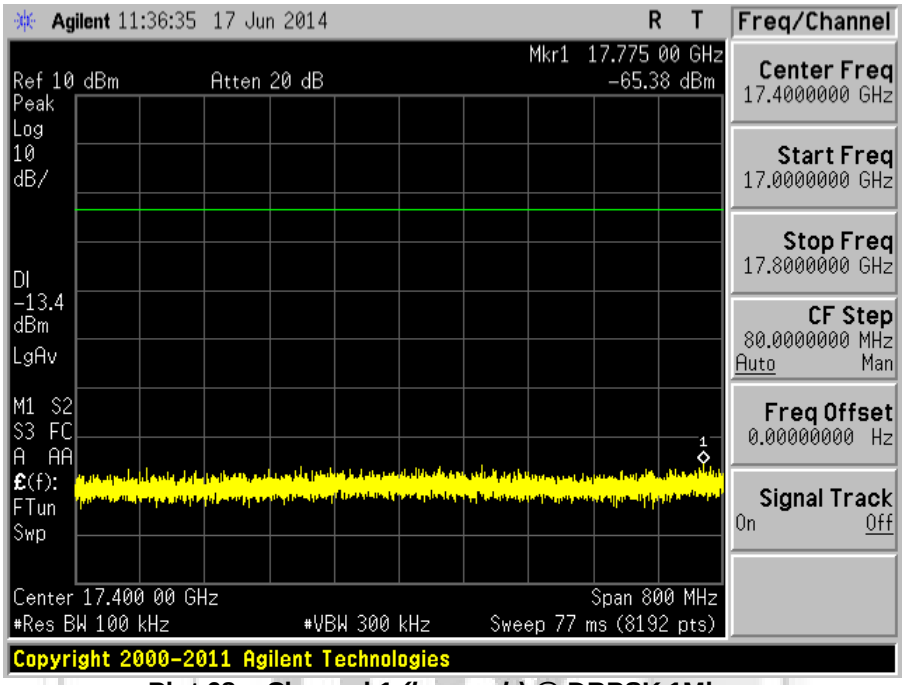


Plot 66 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

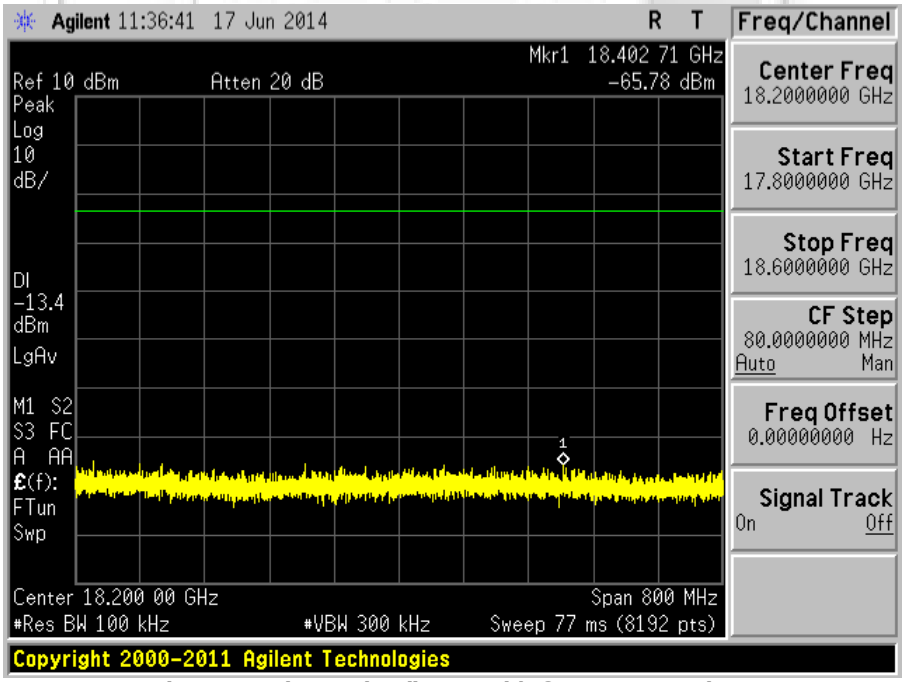


Plot 67 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

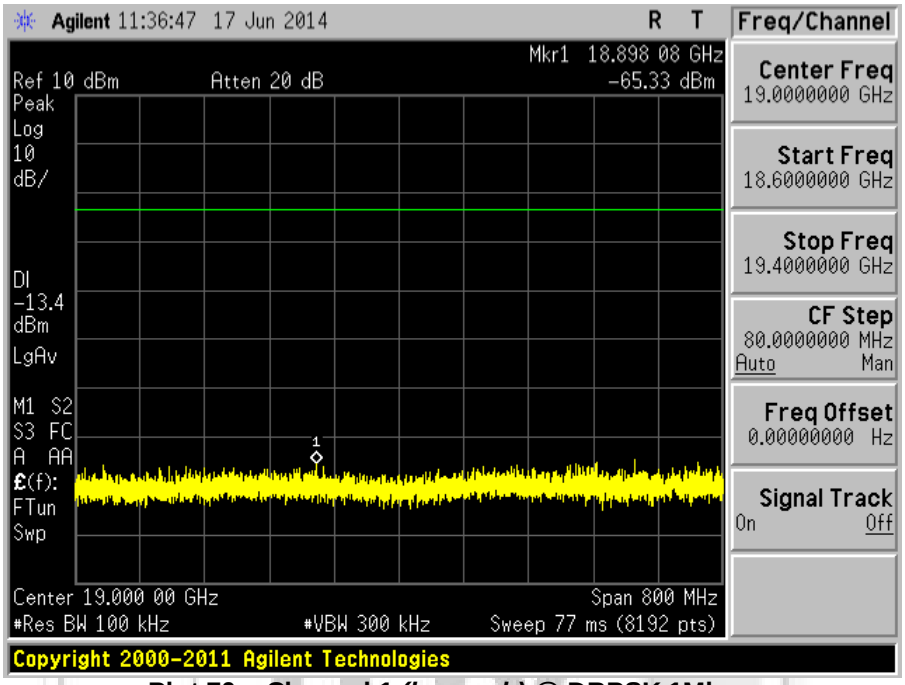


Plot 68 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

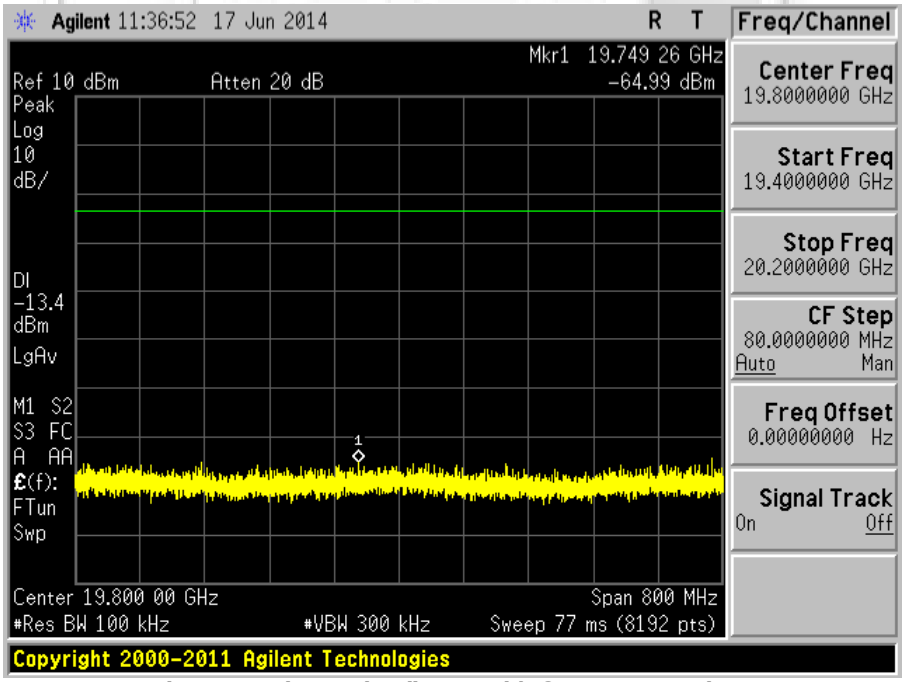


Plot 69 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

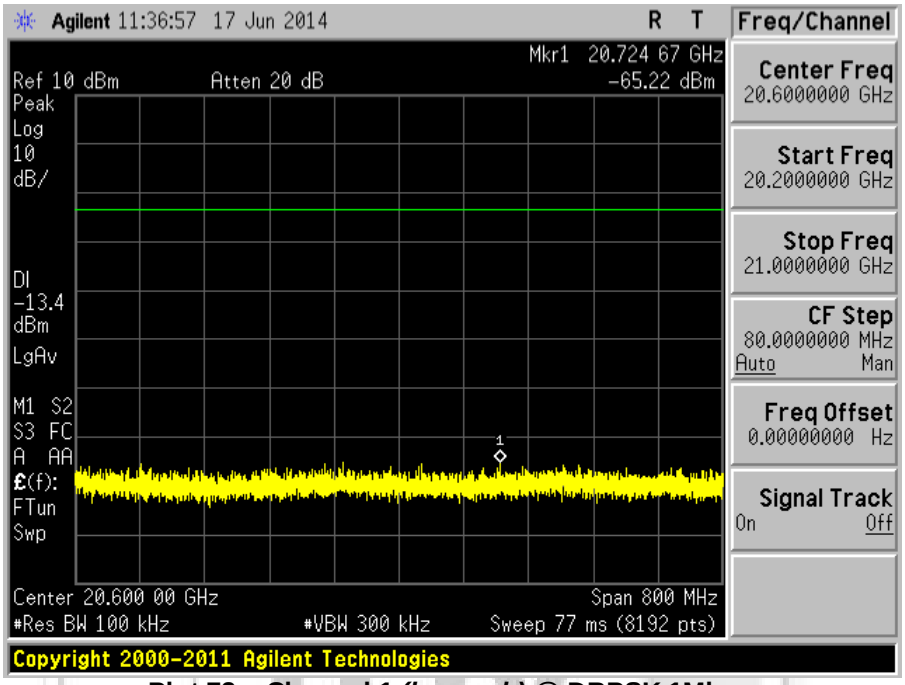


Plot 70 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

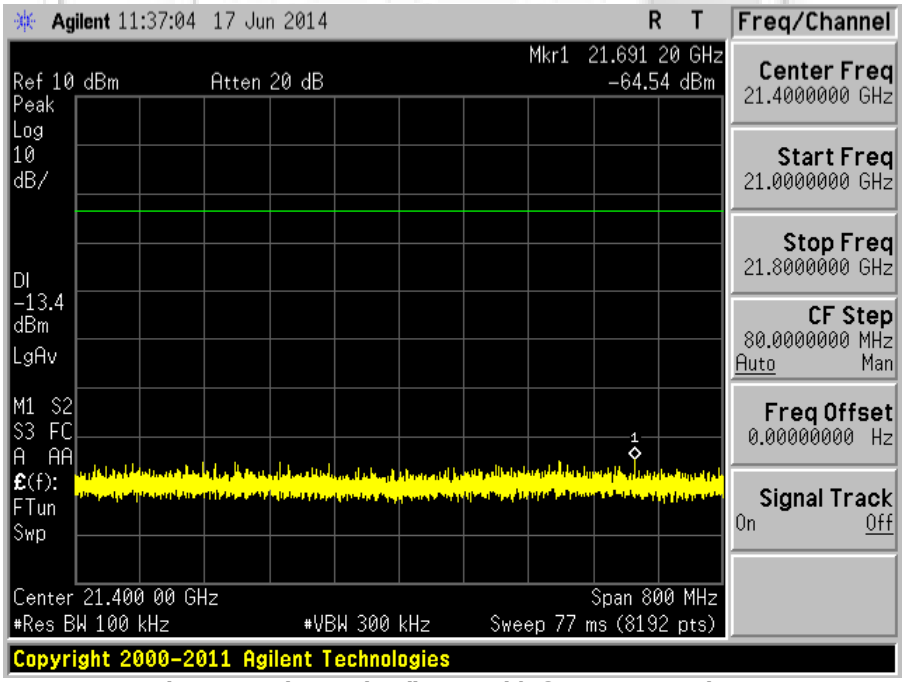


Plot 71 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

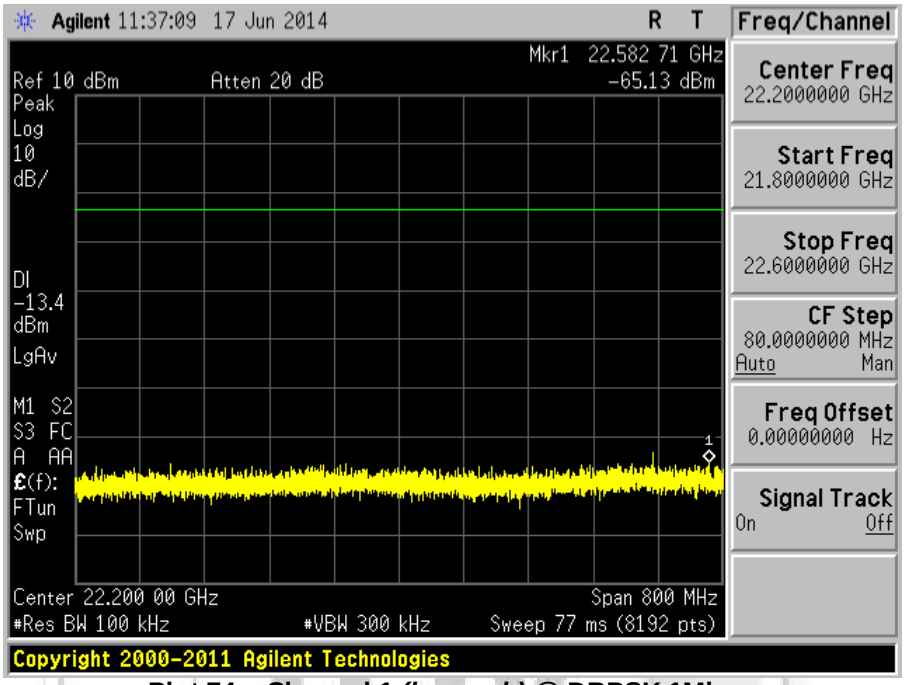


Plot 72 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

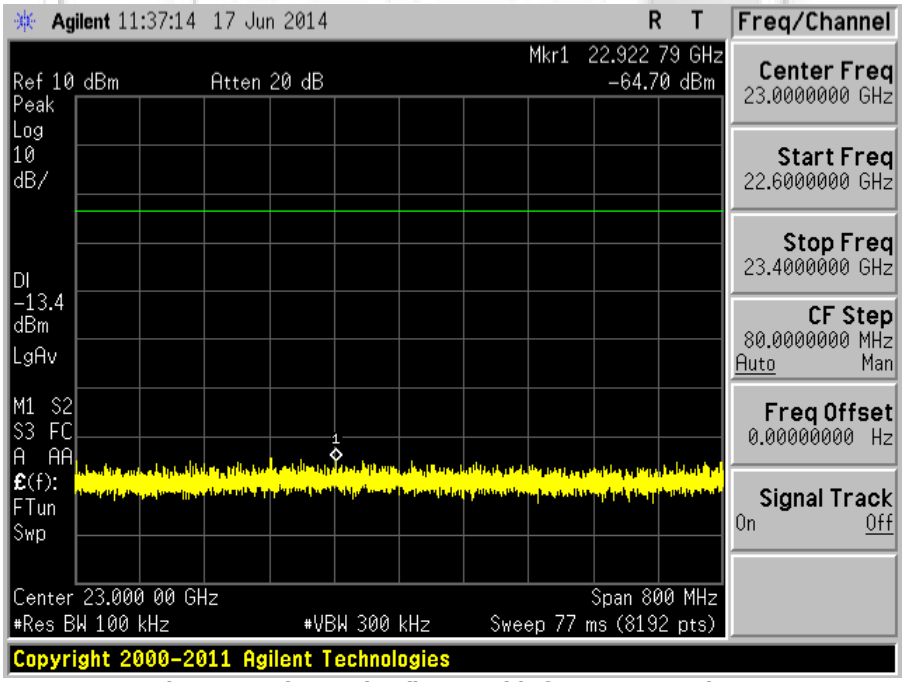


Plot 73 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

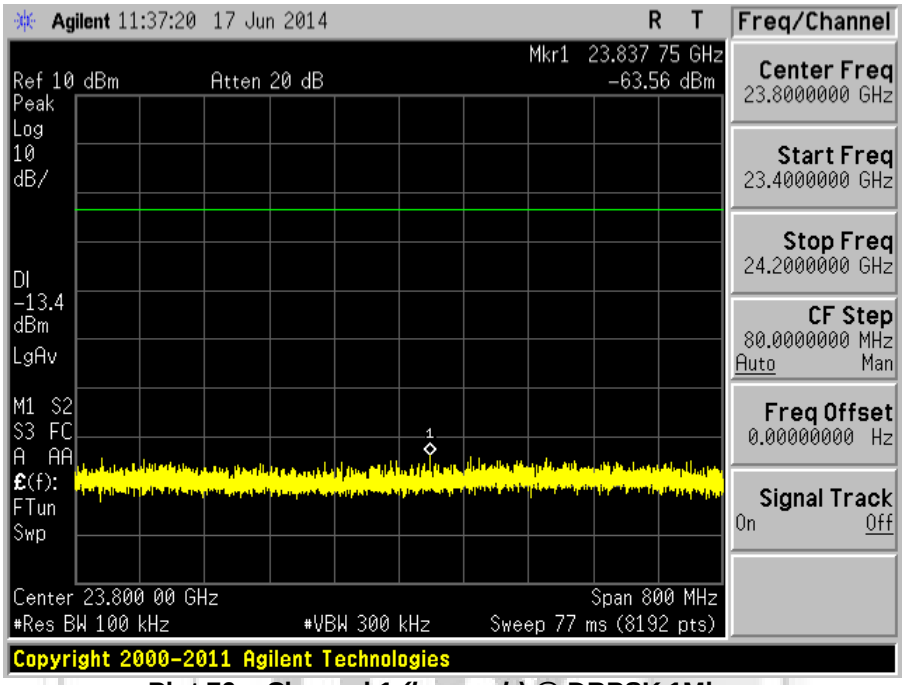


Plot 74 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

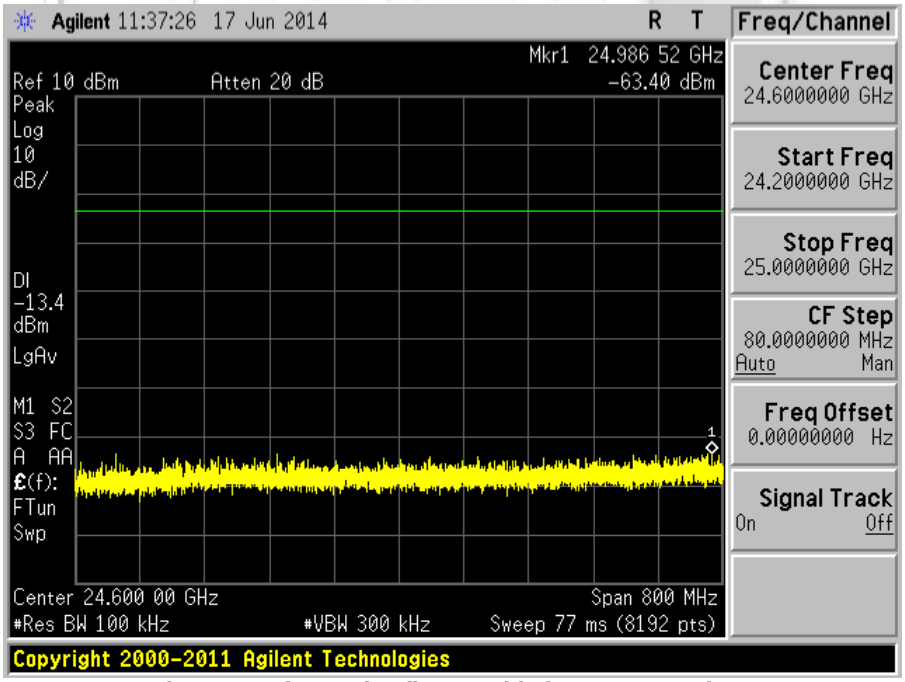


Plot 75 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

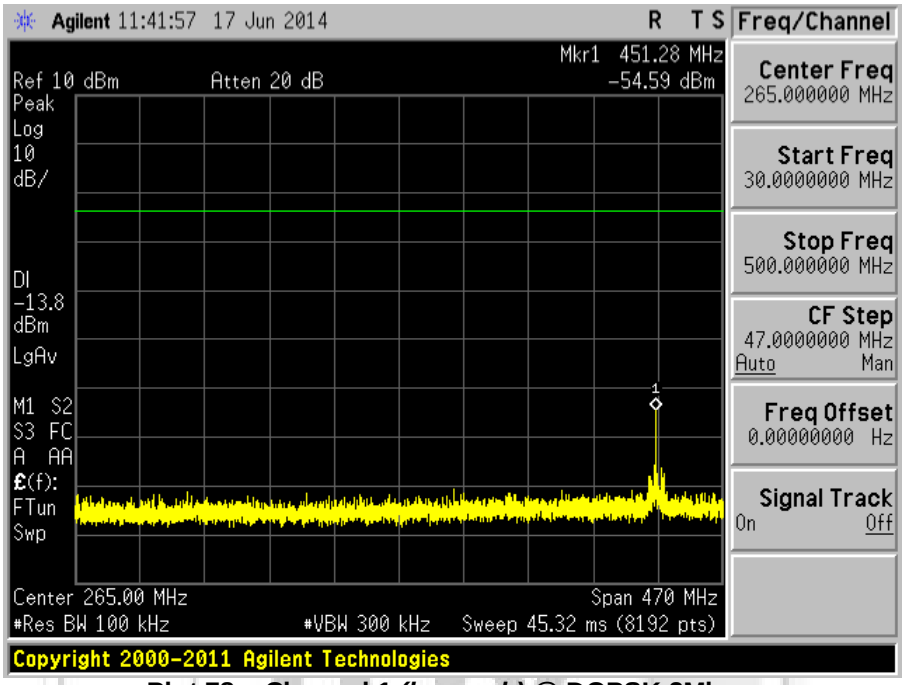


Plot 76 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

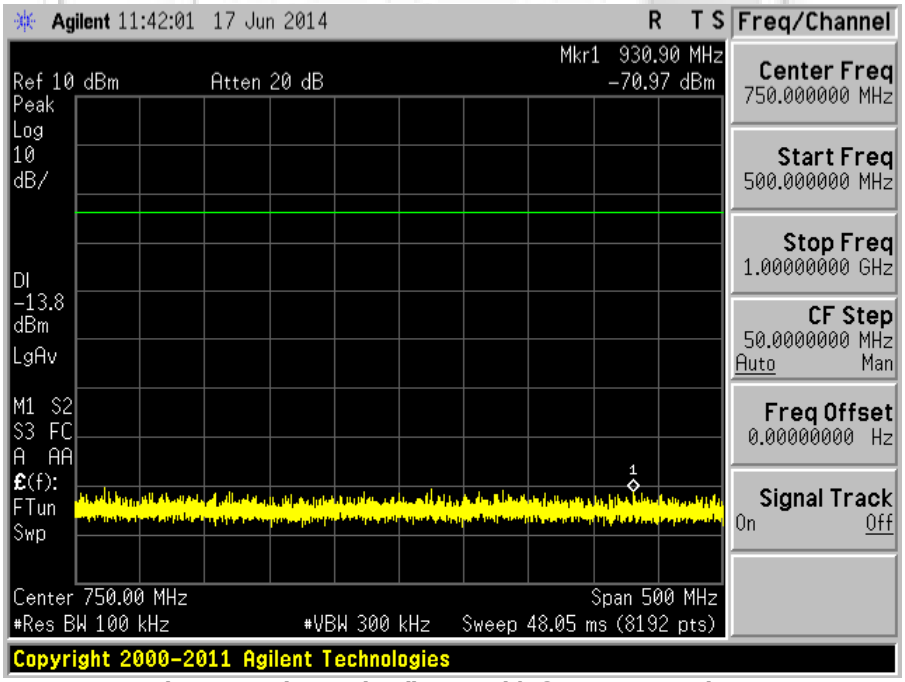


Plot 77 – Channel 1 *(lower ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

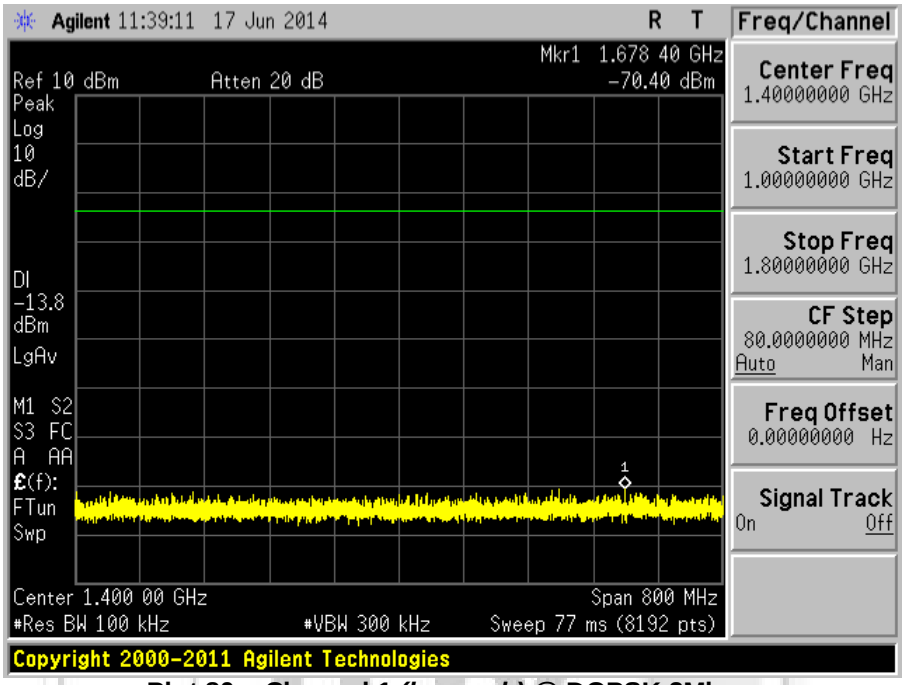


Plot 78 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

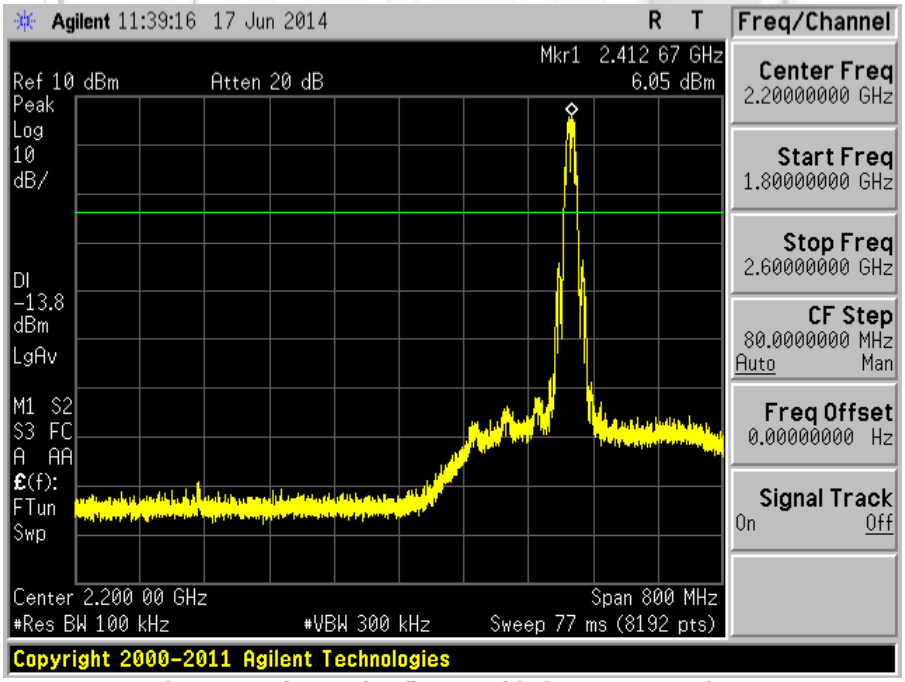


Plot 79 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

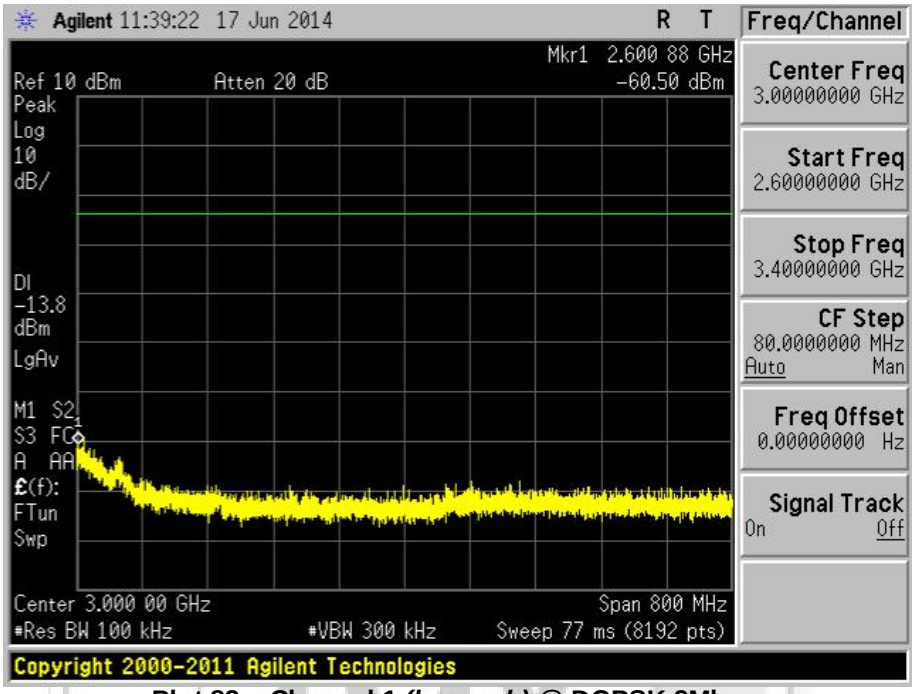


Plot 80 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

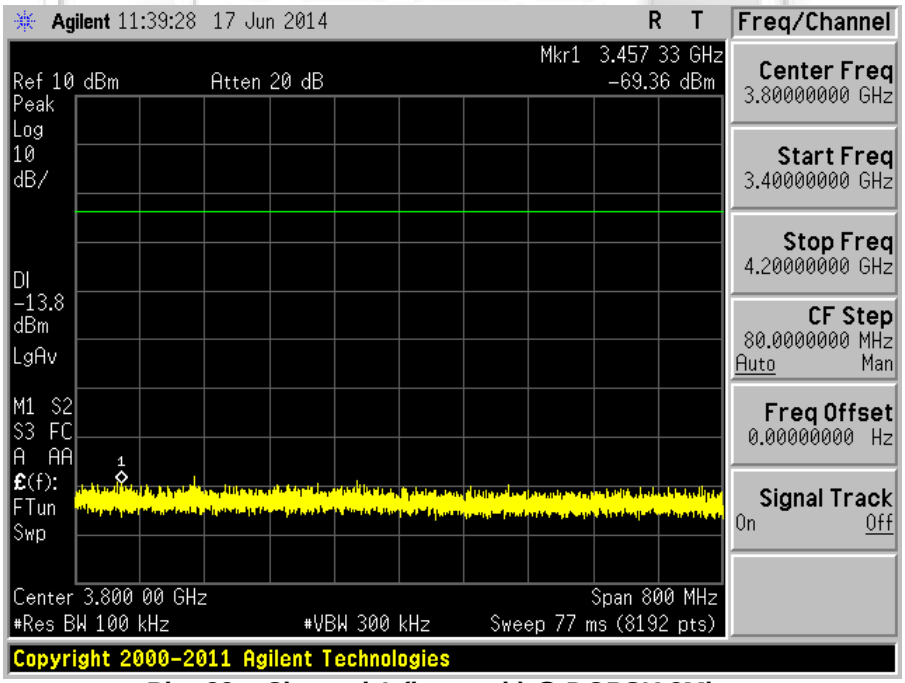


Plot 81 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

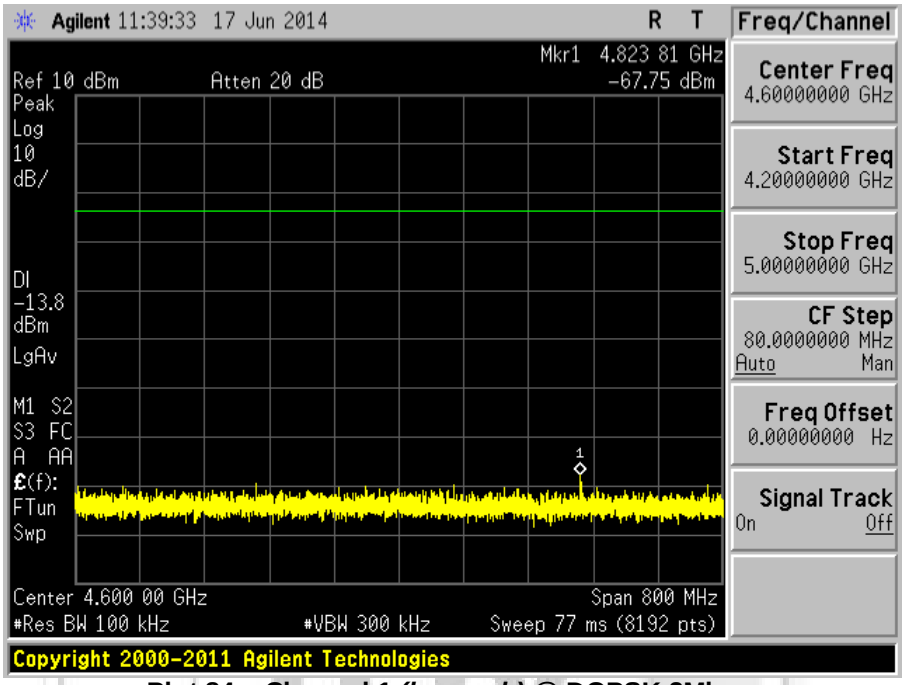


Plot 82 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

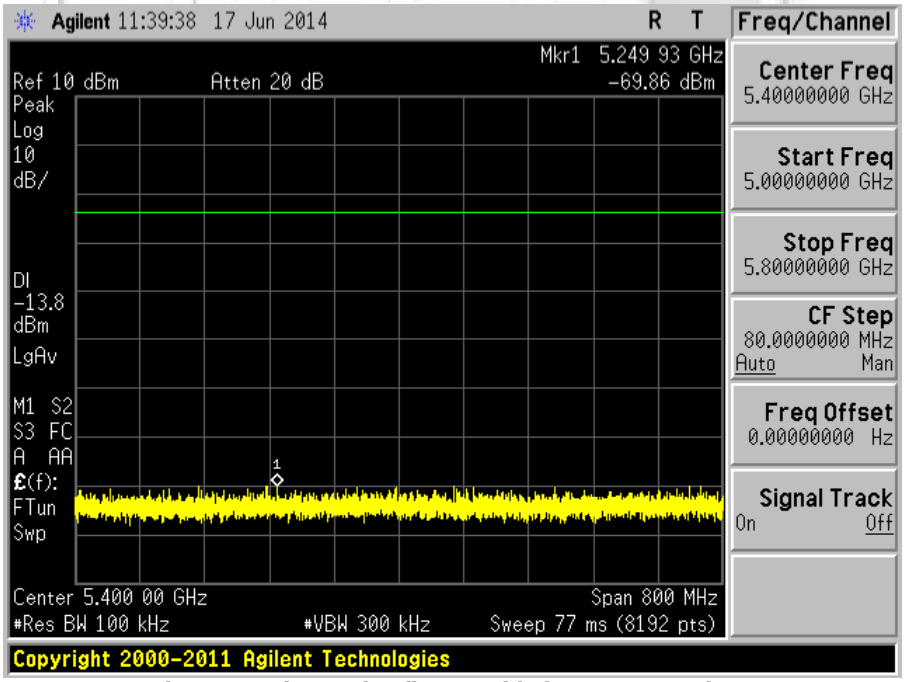


Plot 83 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

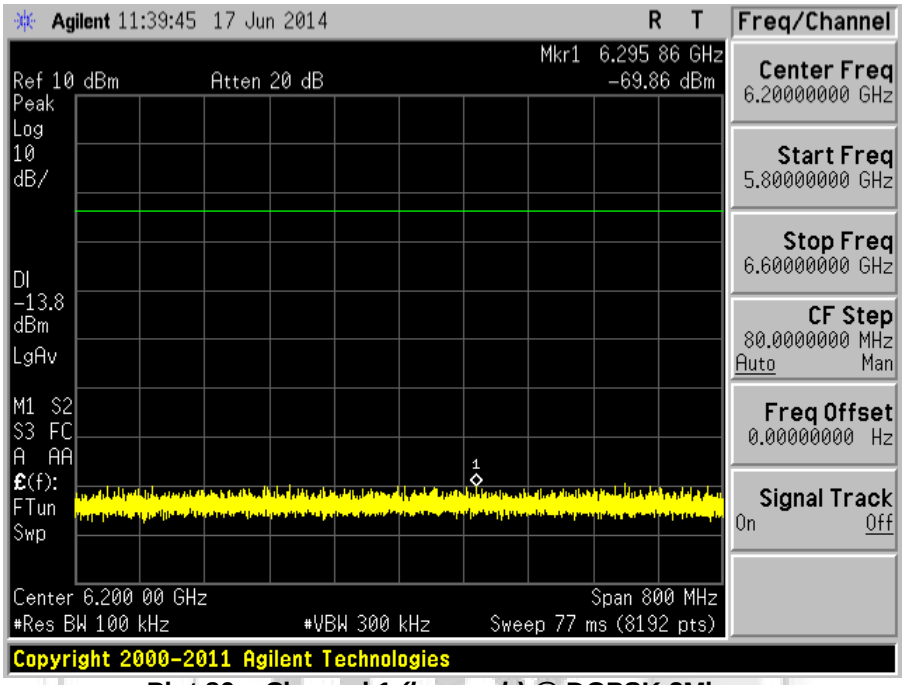


Plot 84 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

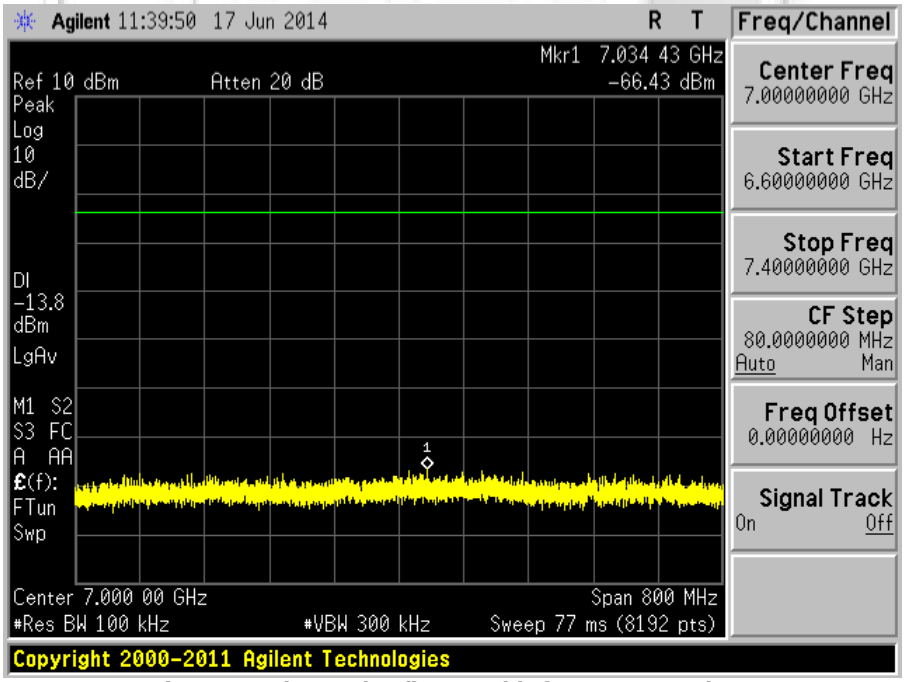


Plot 85 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

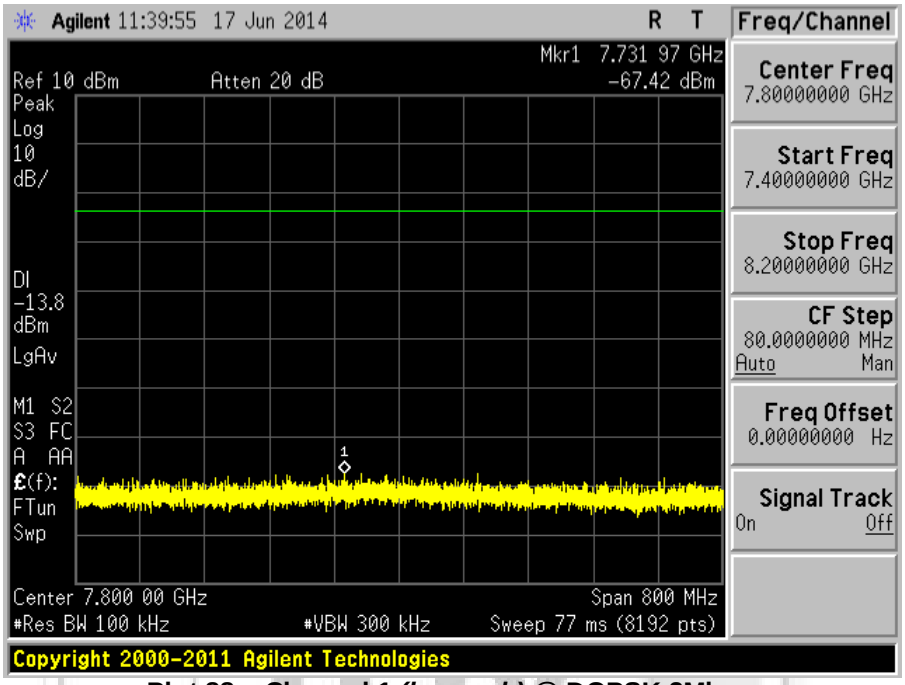


Plot 86 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

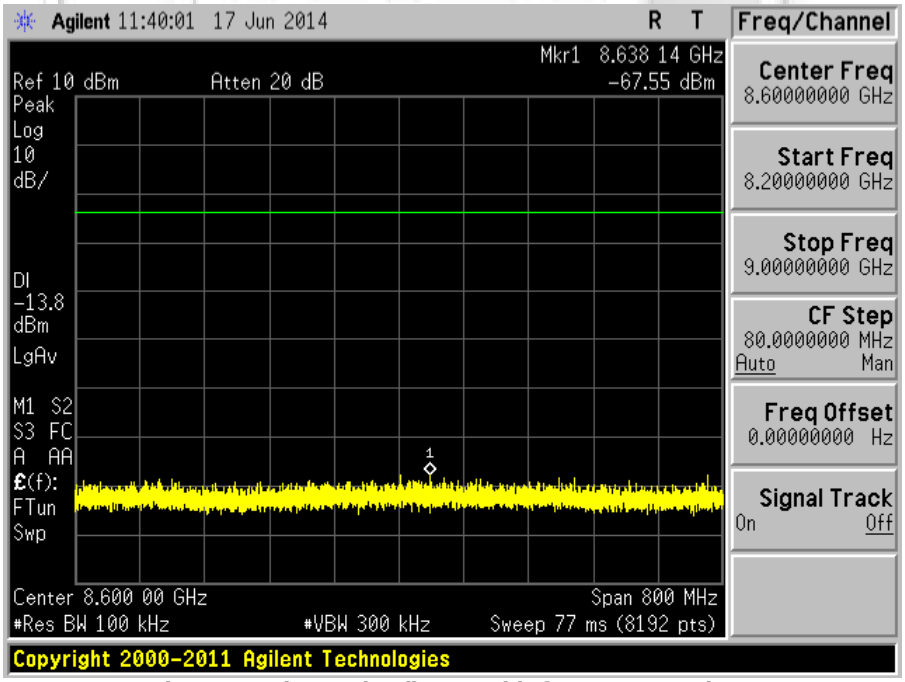


Plot 87 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

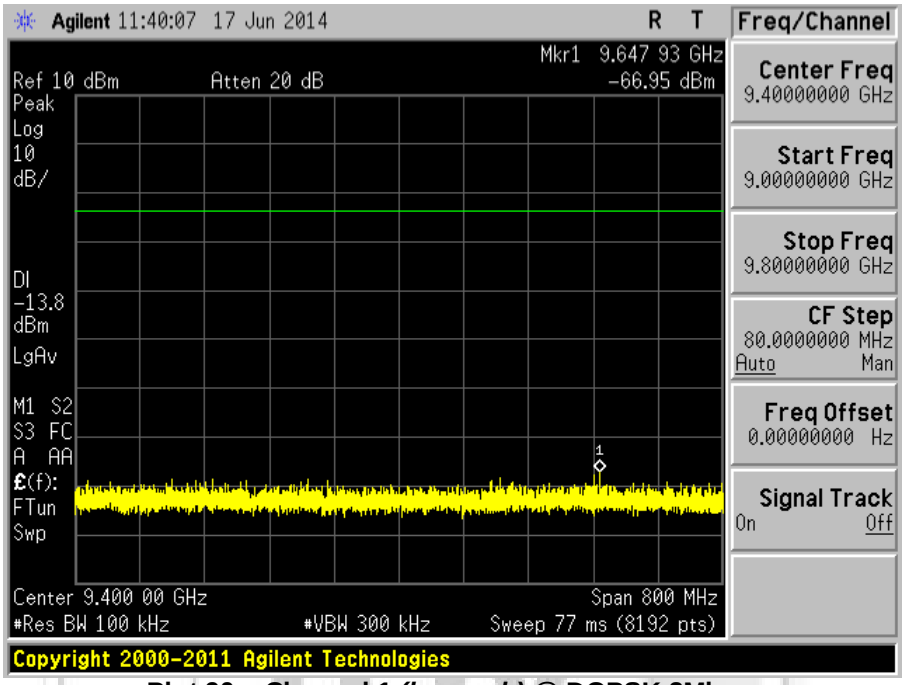


Plot 88 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

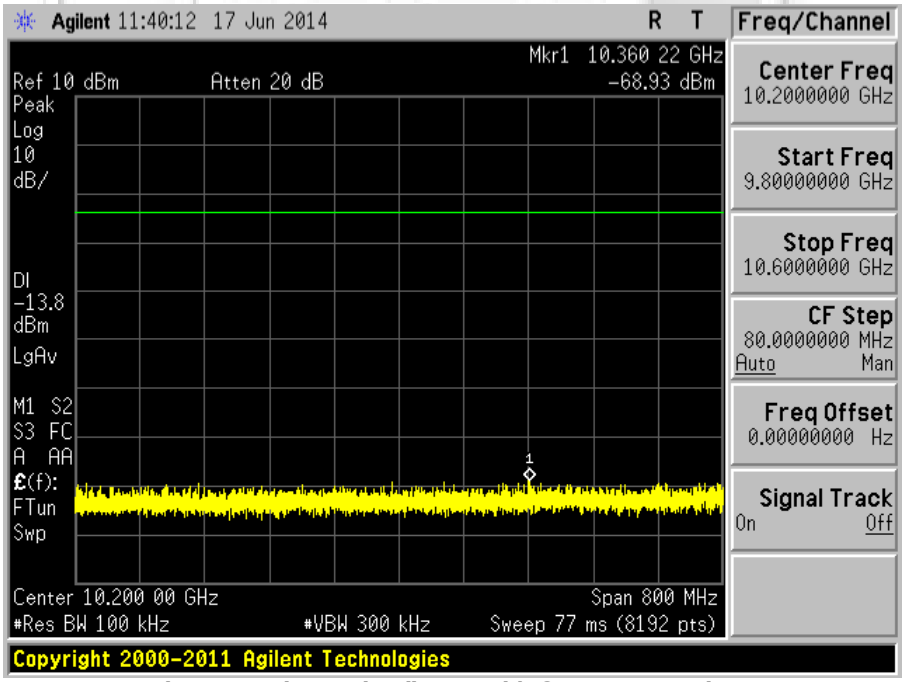


Plot 89 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

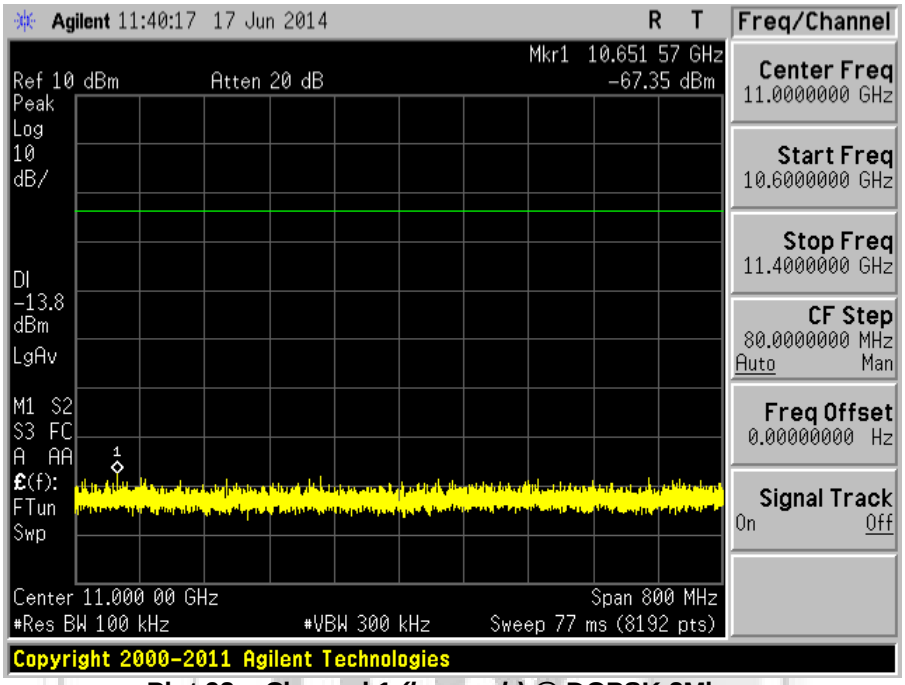


Plot 90 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

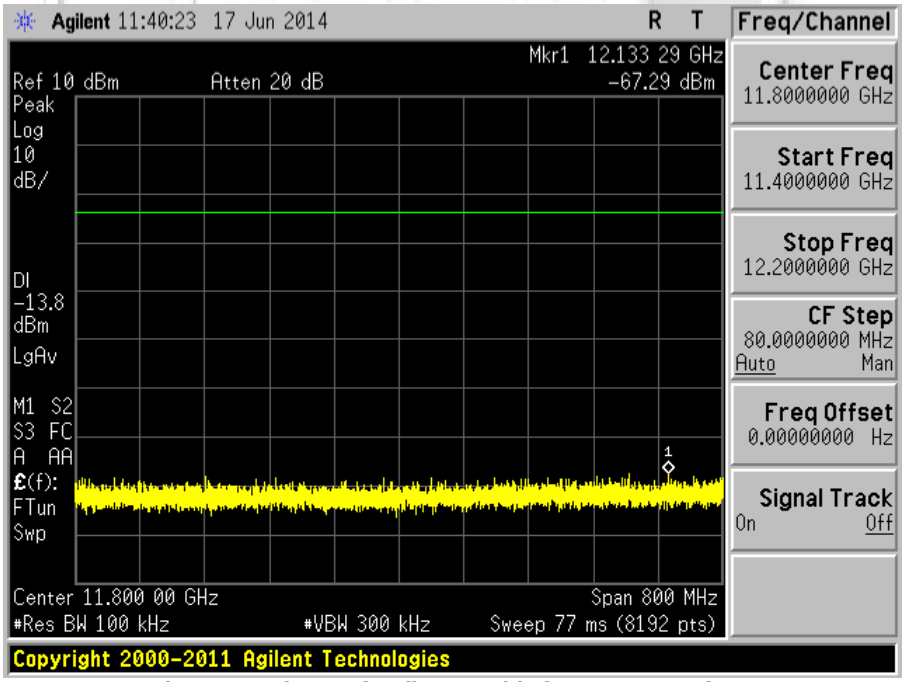


Plot 91 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

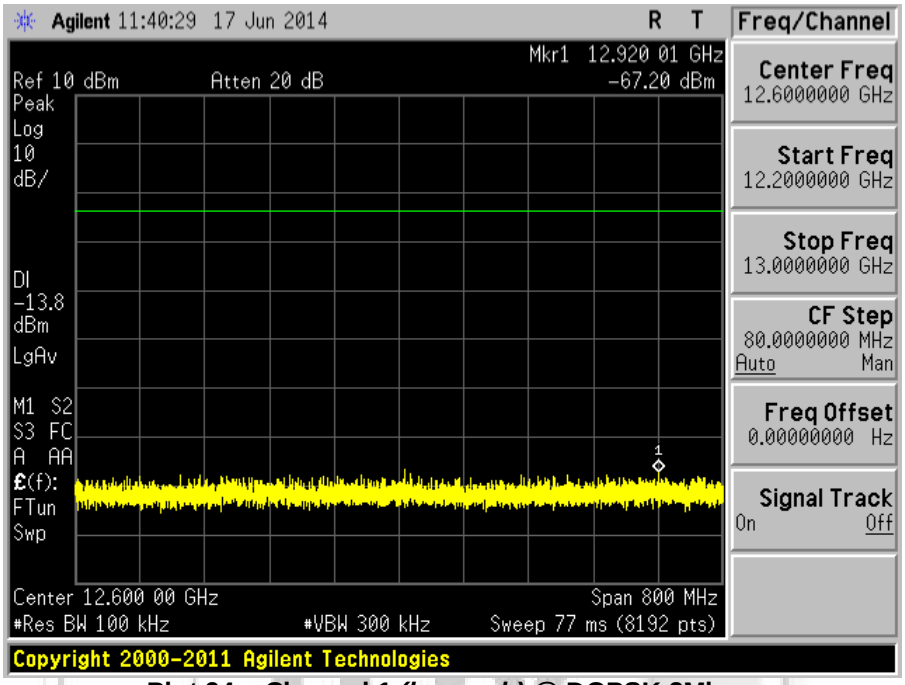


Plot 92 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

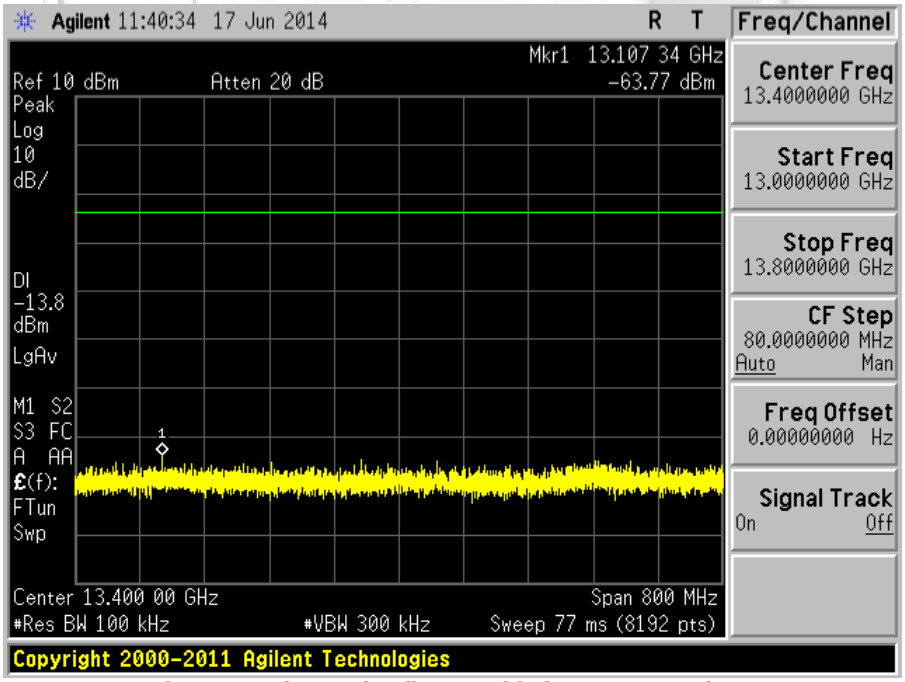


Plot 93 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

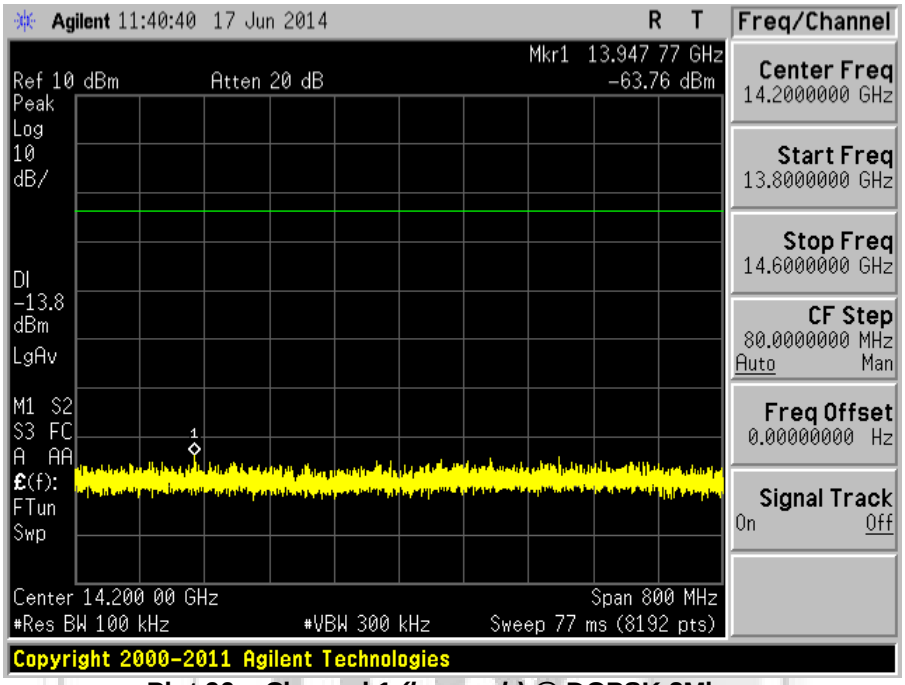


Plot 94 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

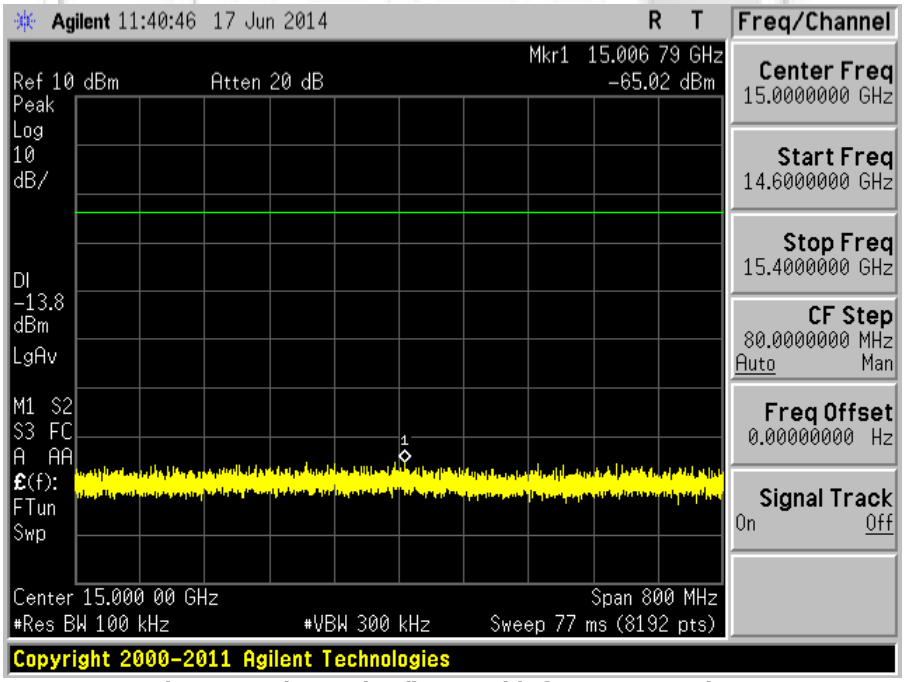


Plot 95 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

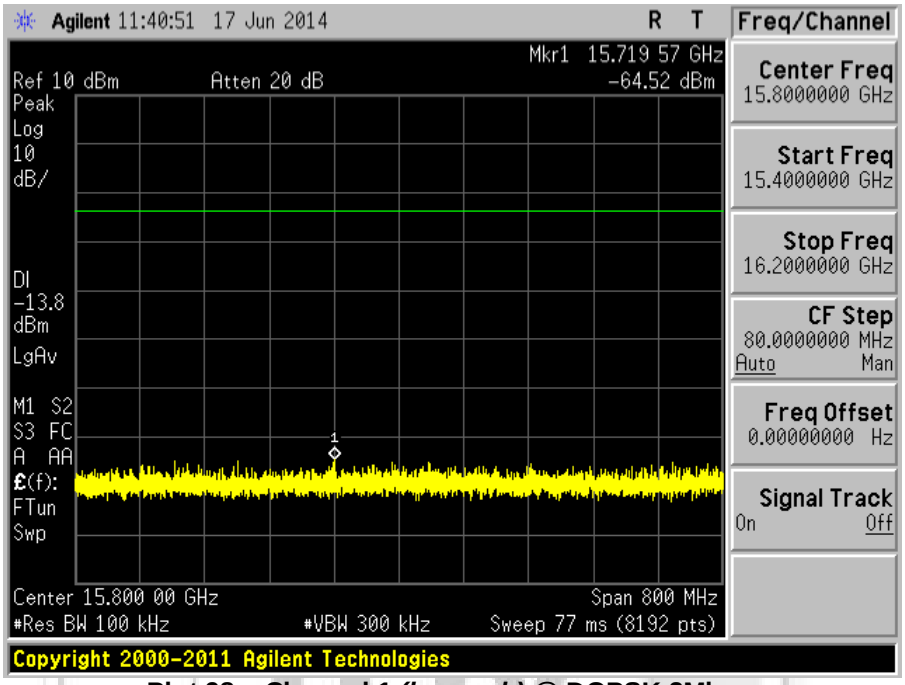


Plot 96 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

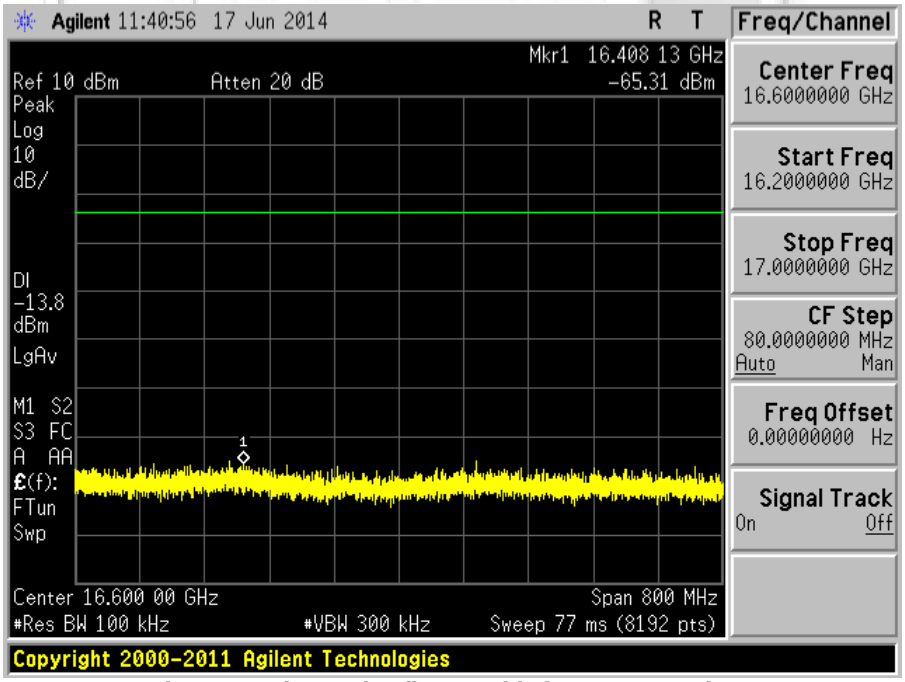


Plot 97 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

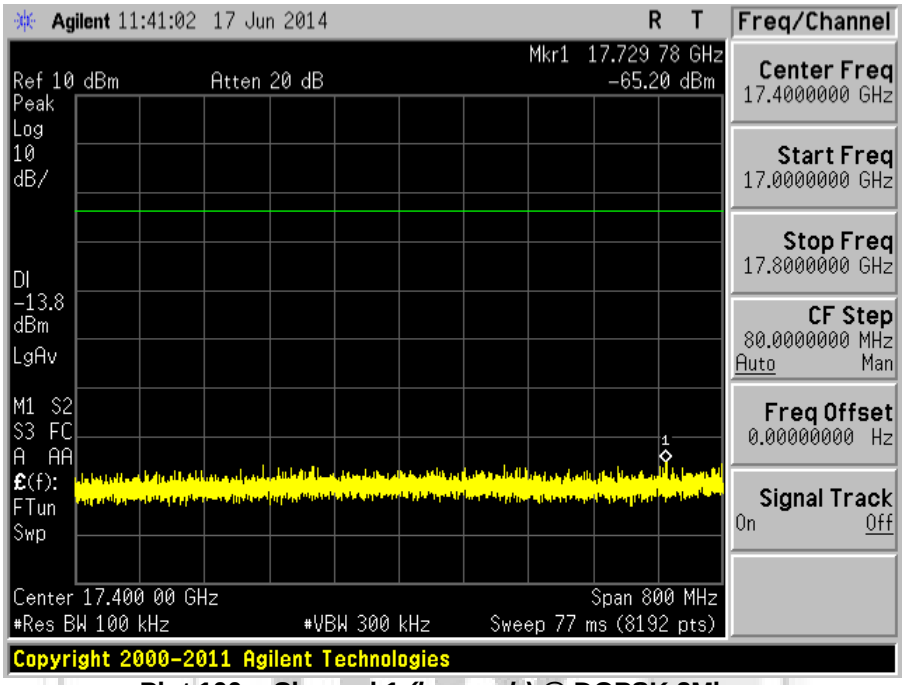


Plot 98 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

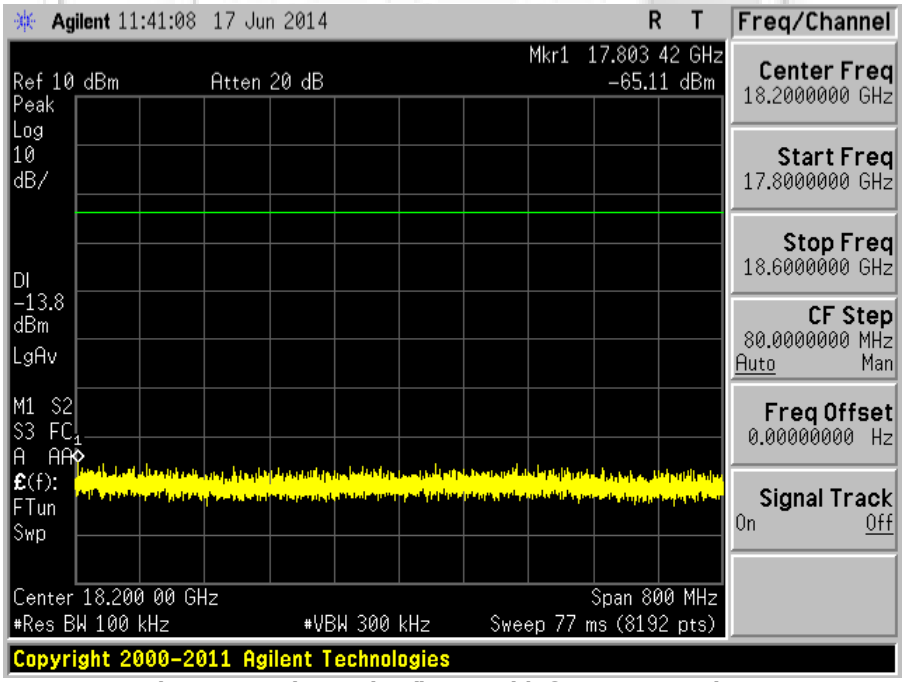


Plot 99 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

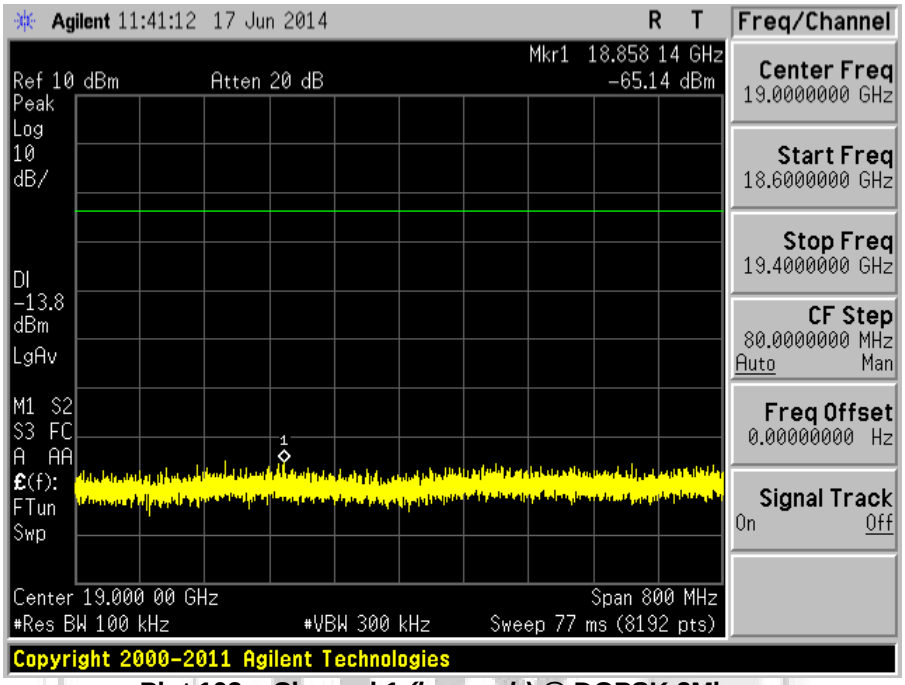


Plot 100 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

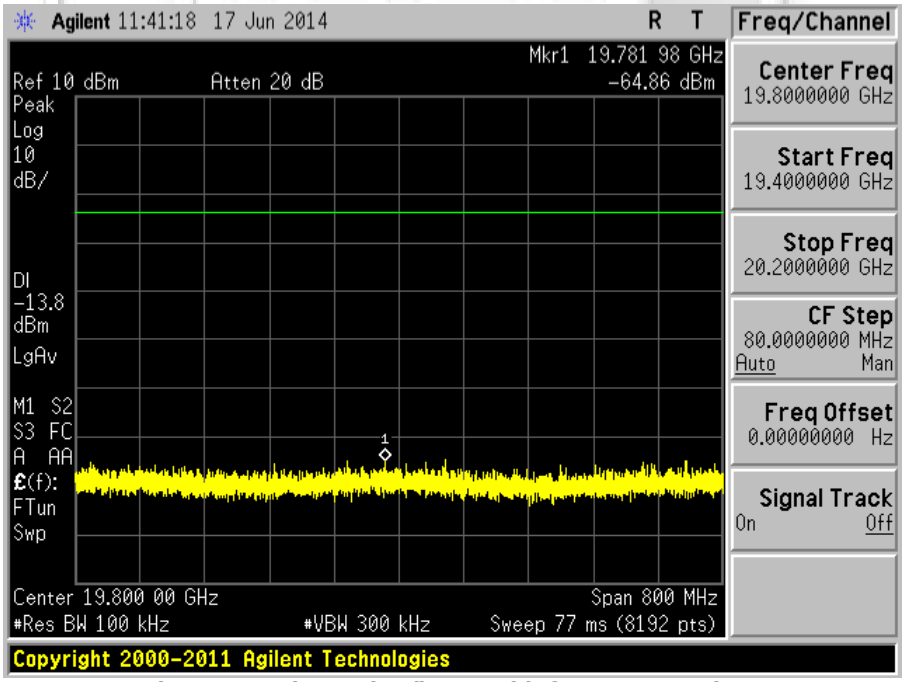


Plot 101 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

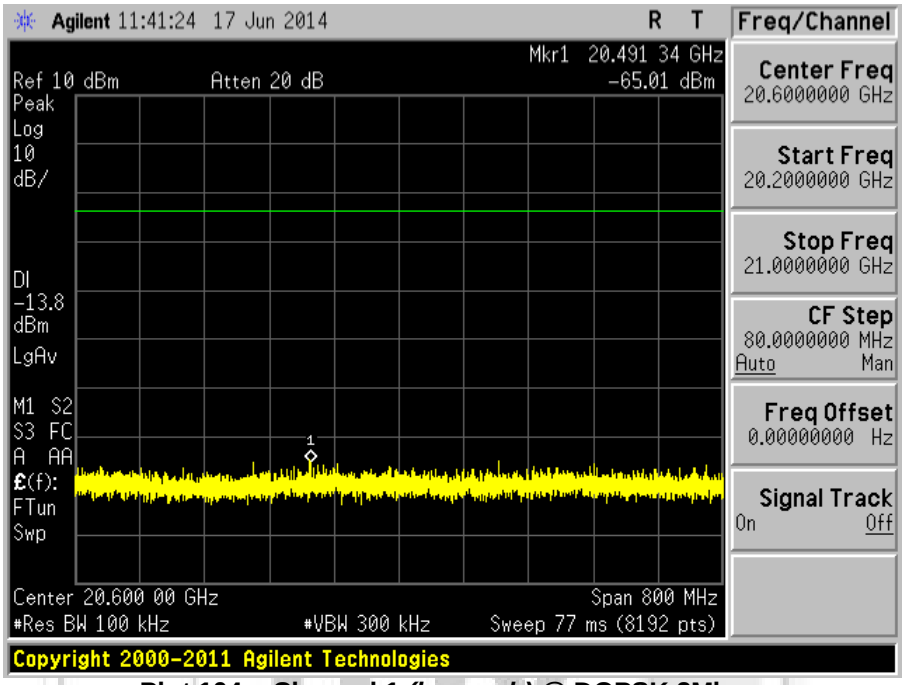


Plot 102 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

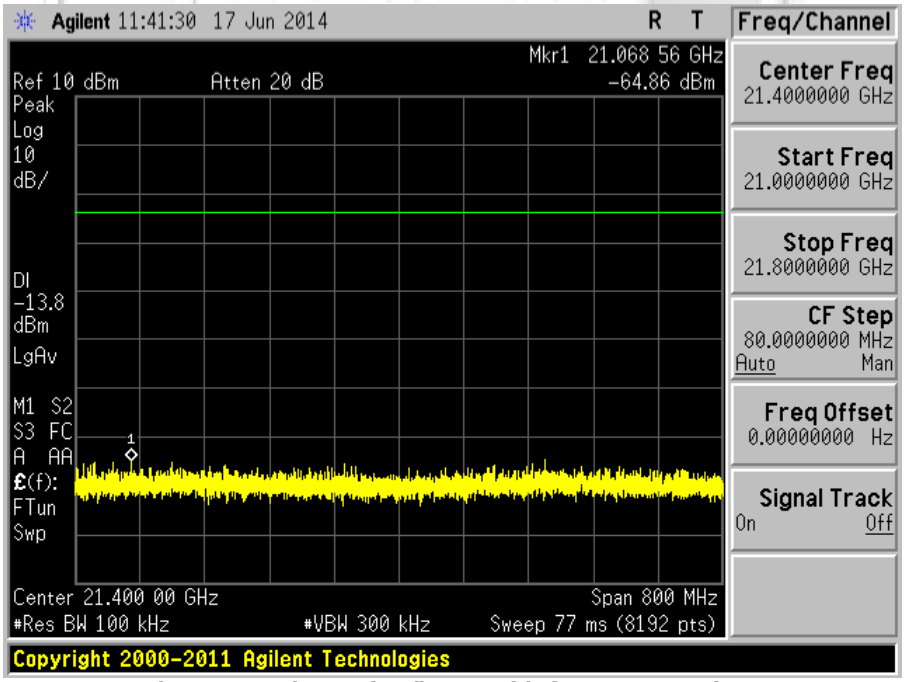


Plot 103 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

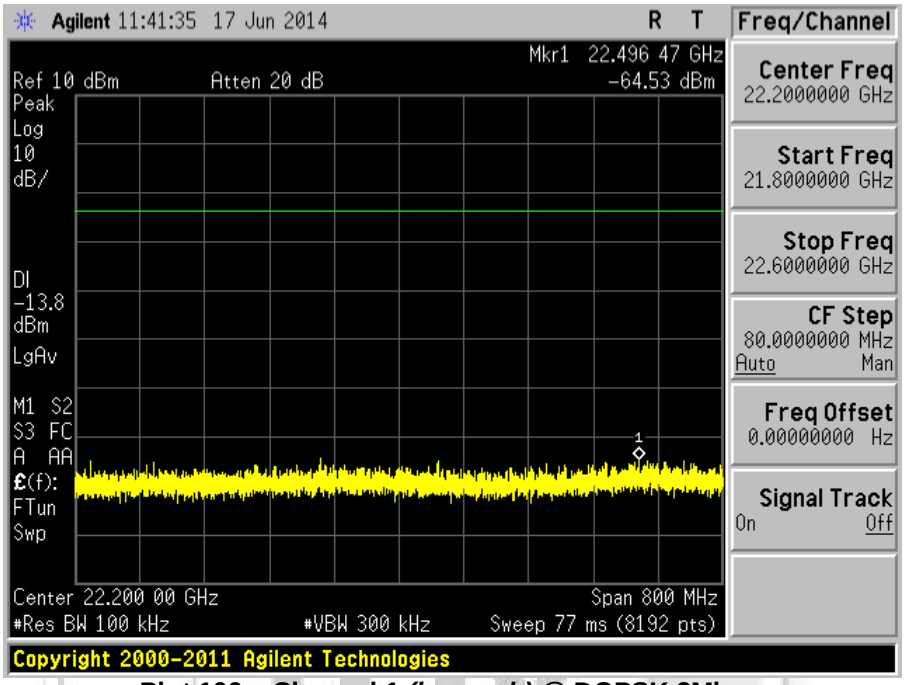


Plot 104 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

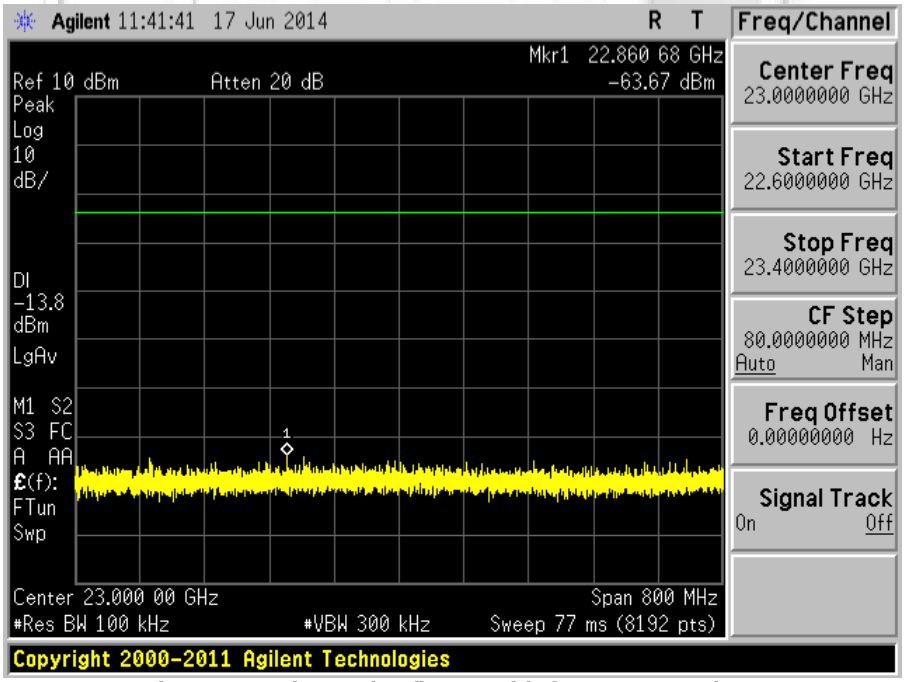


Plot 105 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

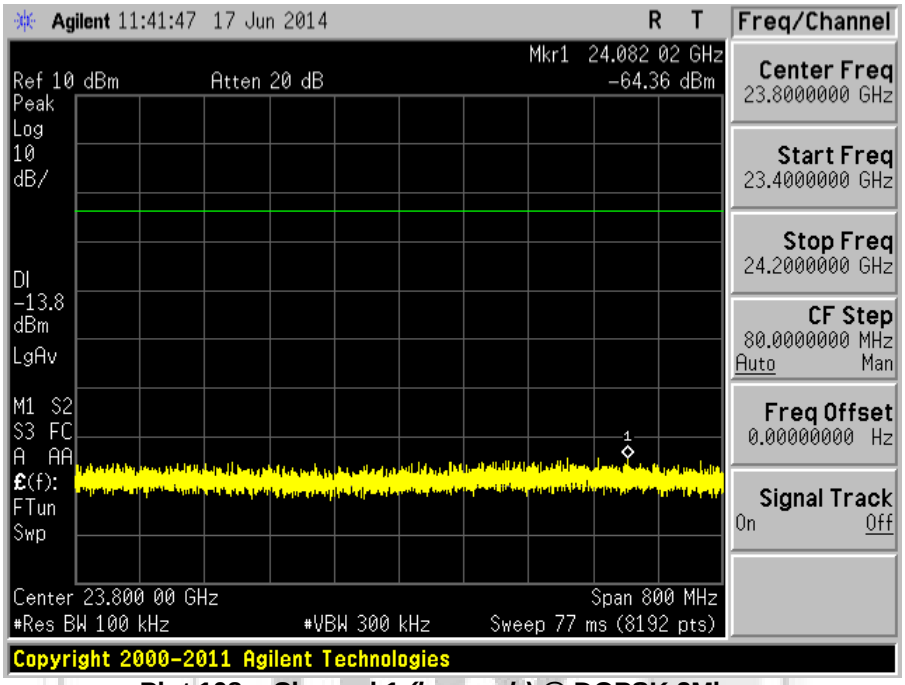


Plot 106 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

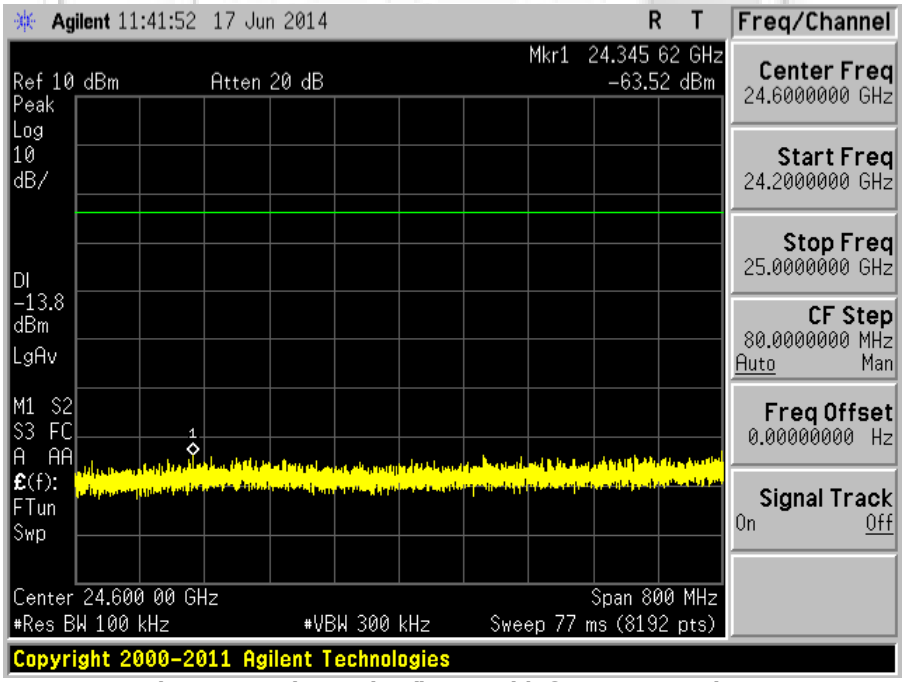


Plot 107 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

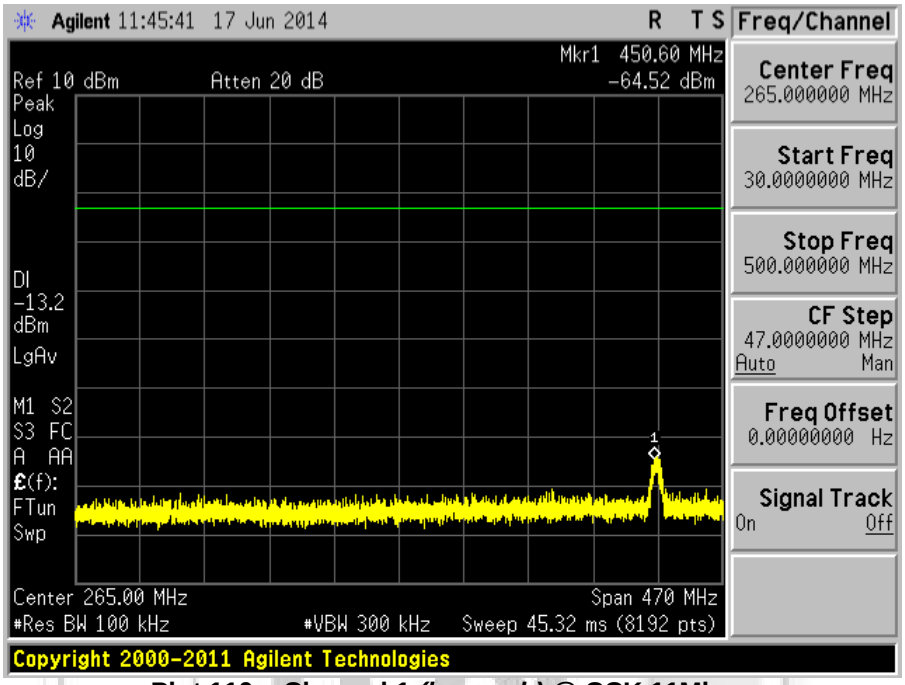


Plot 108 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

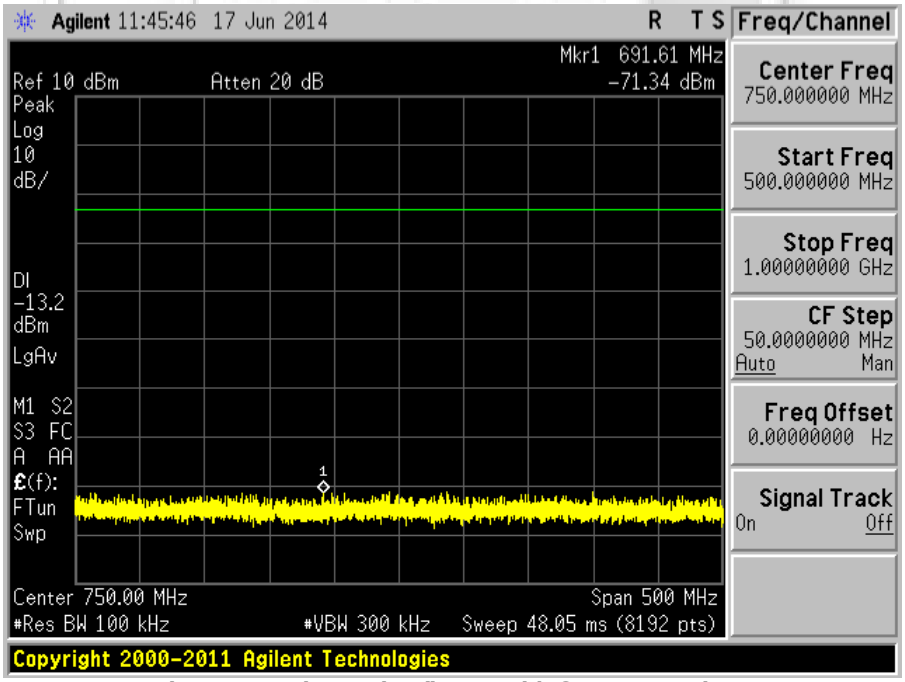


Plot 109 – Channel 1 *(lower ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

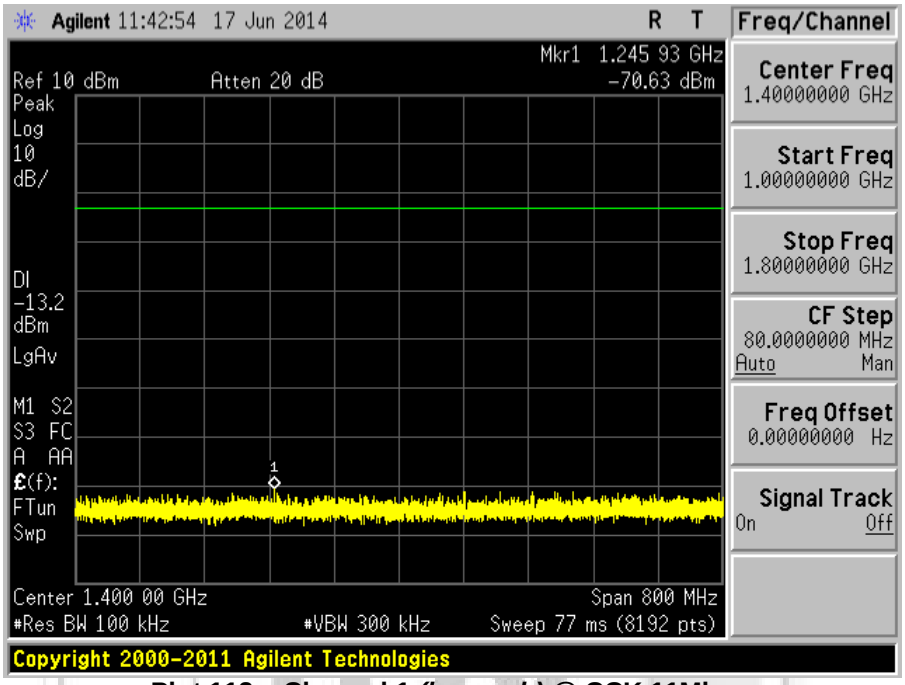


Plot 110 – Channel 1 *(lower ch)* @ CCK 11Mbps

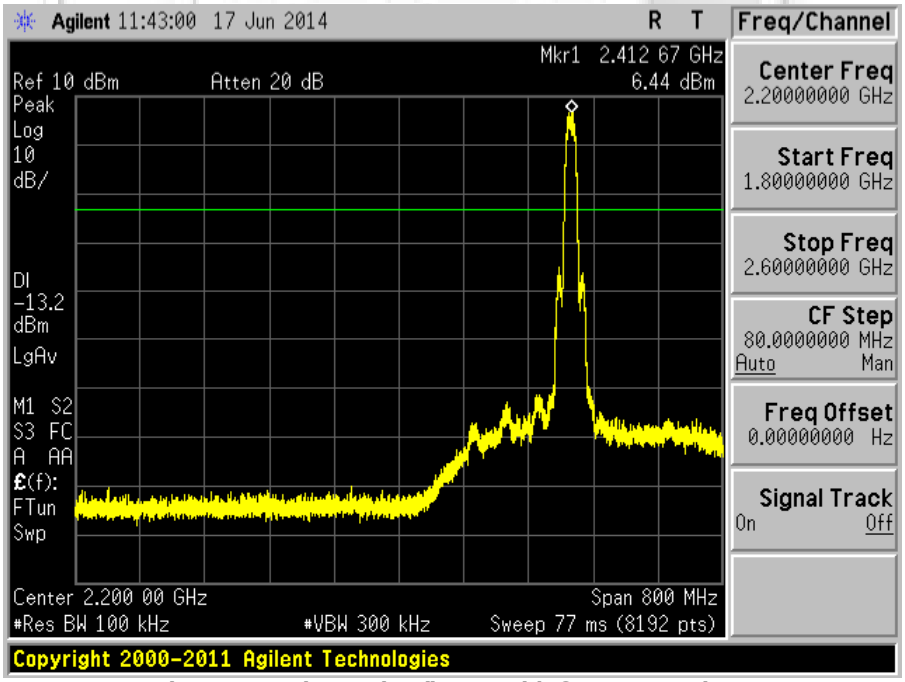


Plot 111 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

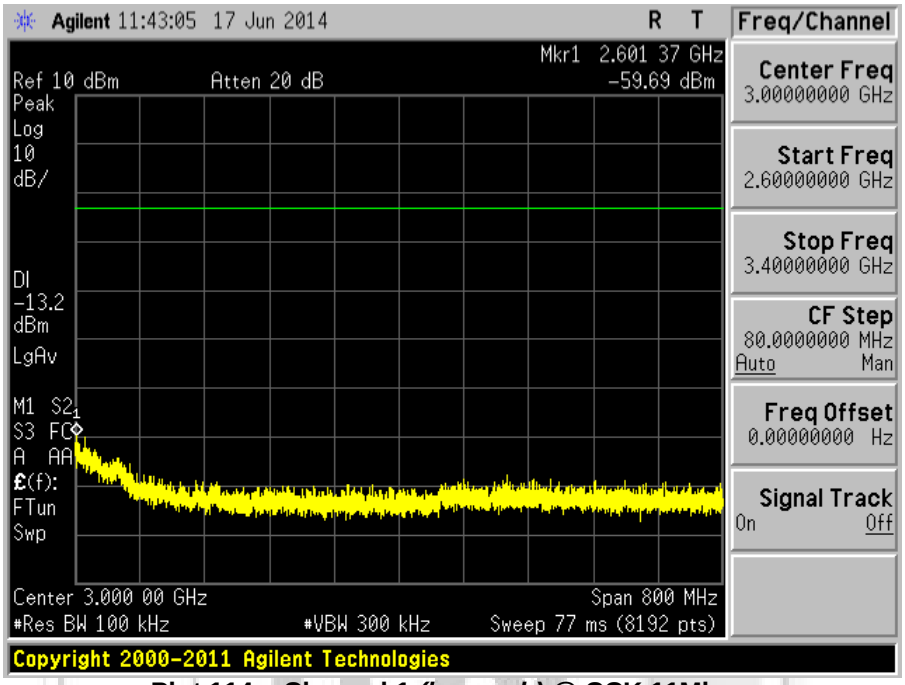


Plot 112 – Channel 1 *(lower ch)* @ CCK 11Mbps

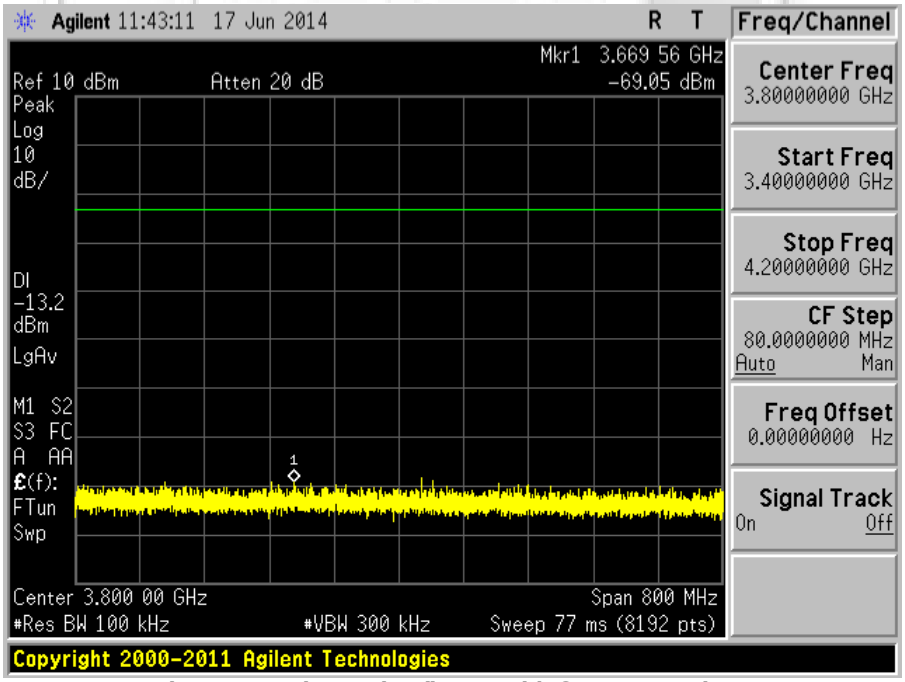


Plot 113 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

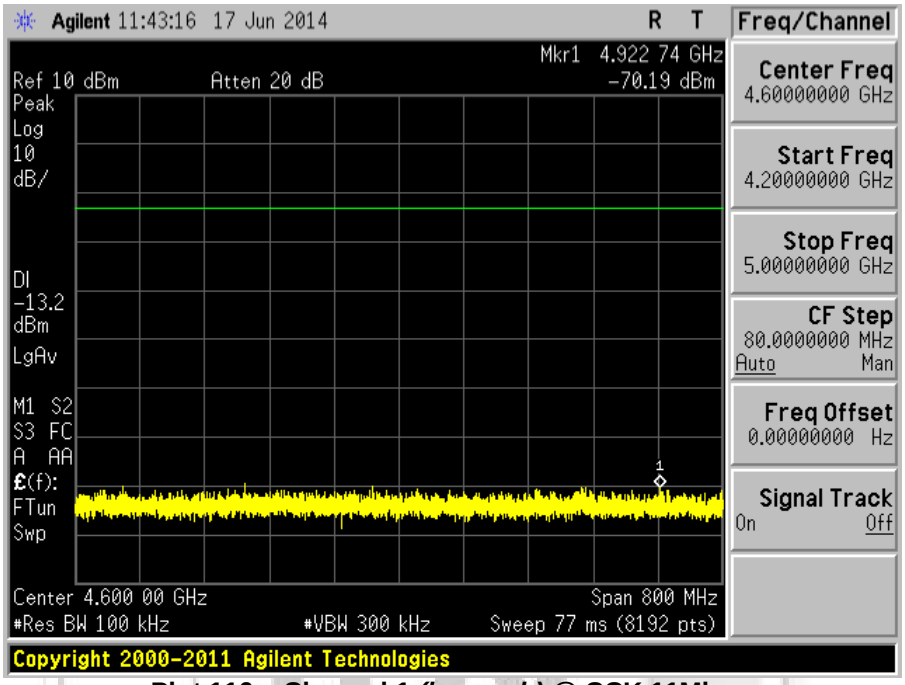


Plot 114 – Channel 1 *(lower ch)* @ CCK 11Mbps

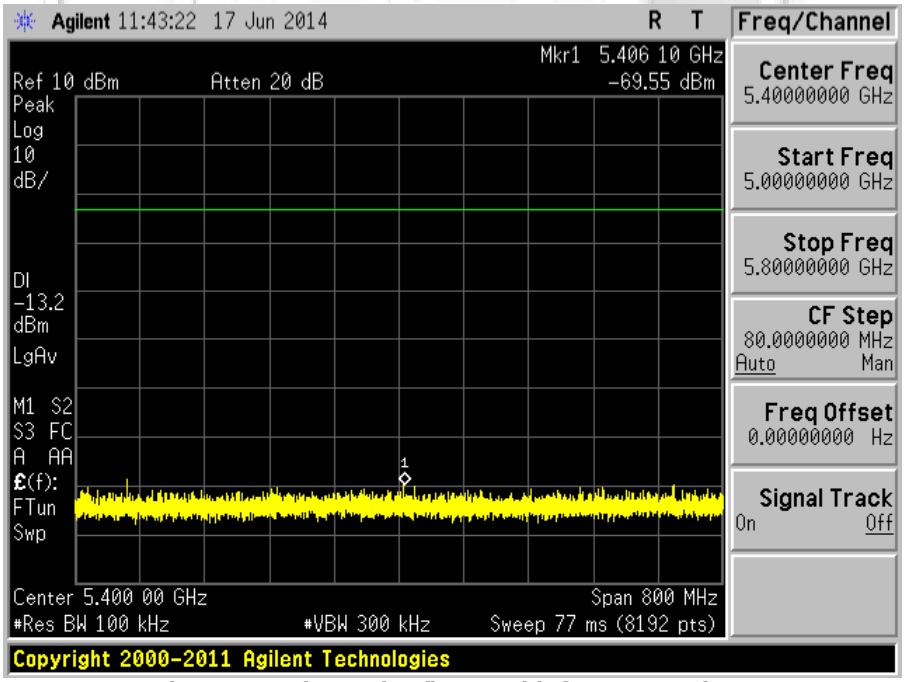


Plot 115 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

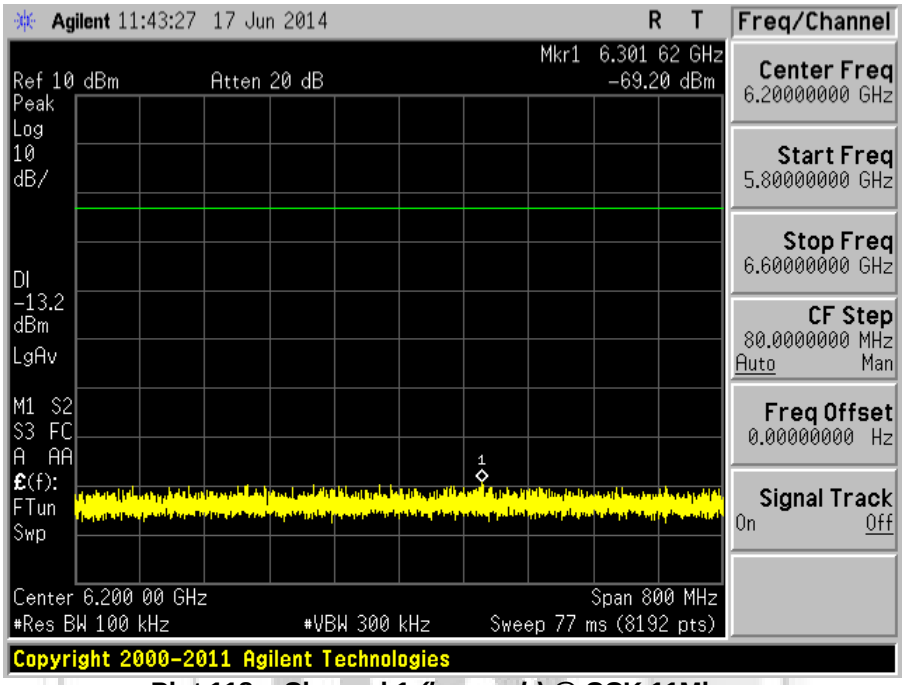


Plot 116 – Channel 1 *(lower ch)* @ CCK 11Mbps

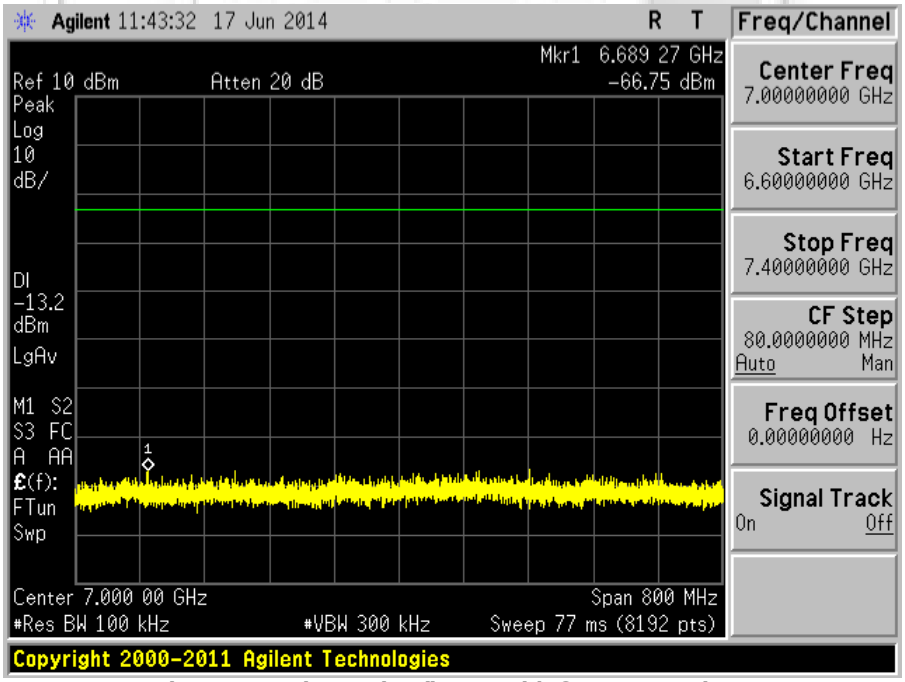


Plot 117 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

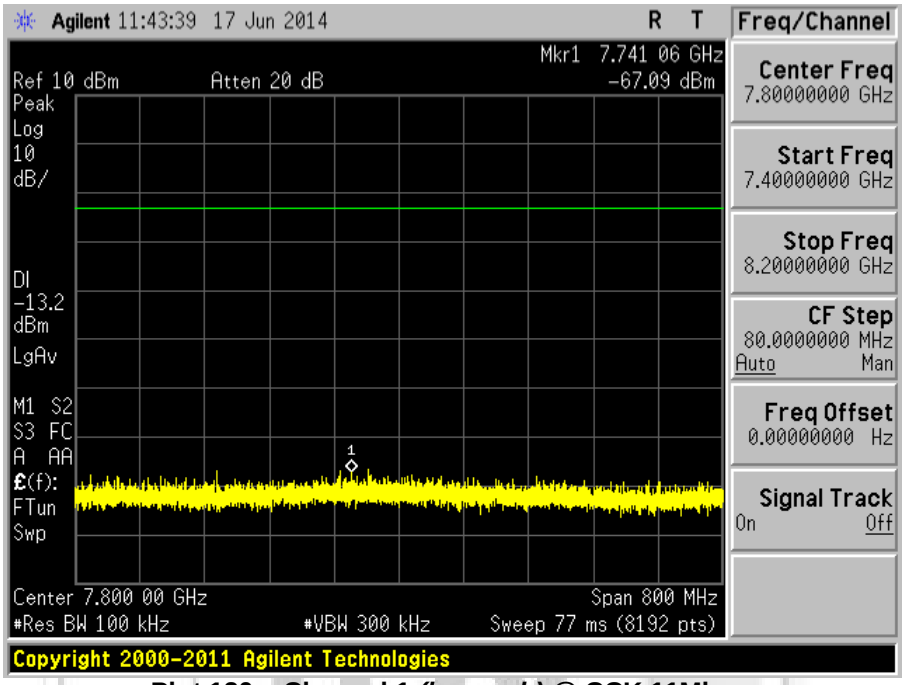


Plot 118 – Channel 1 *(lower ch)* @ CCK 11Mbps

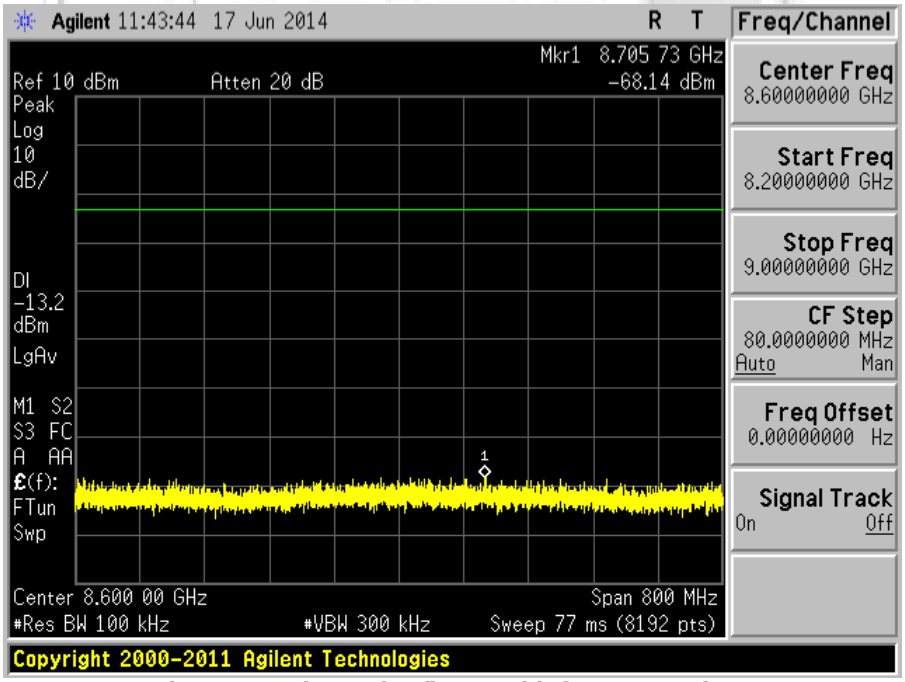


Plot 119 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

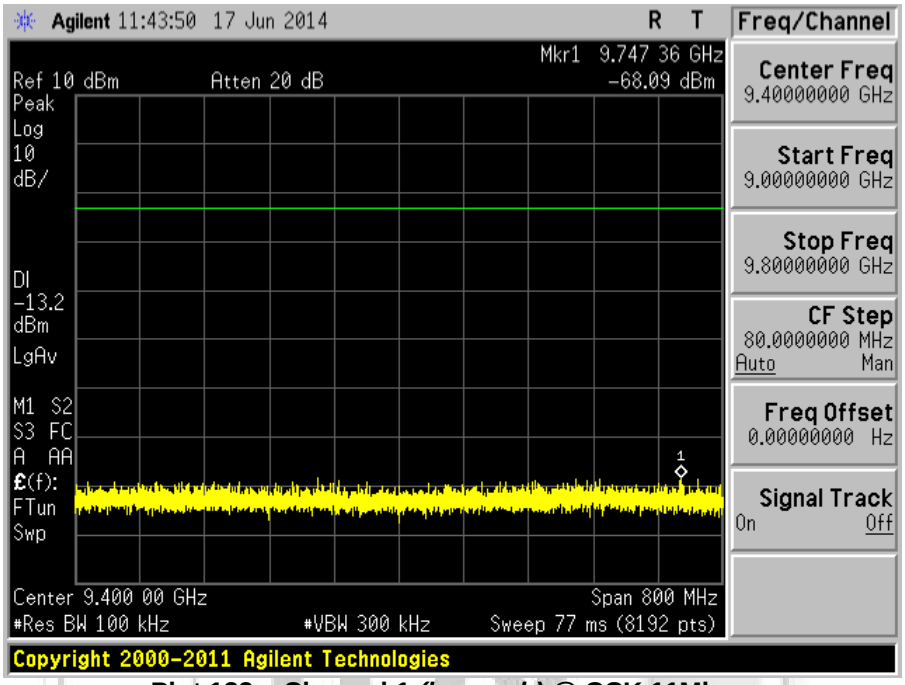


Plot 120 – Channel 1 *(lower ch)* @ CCK 11Mbps

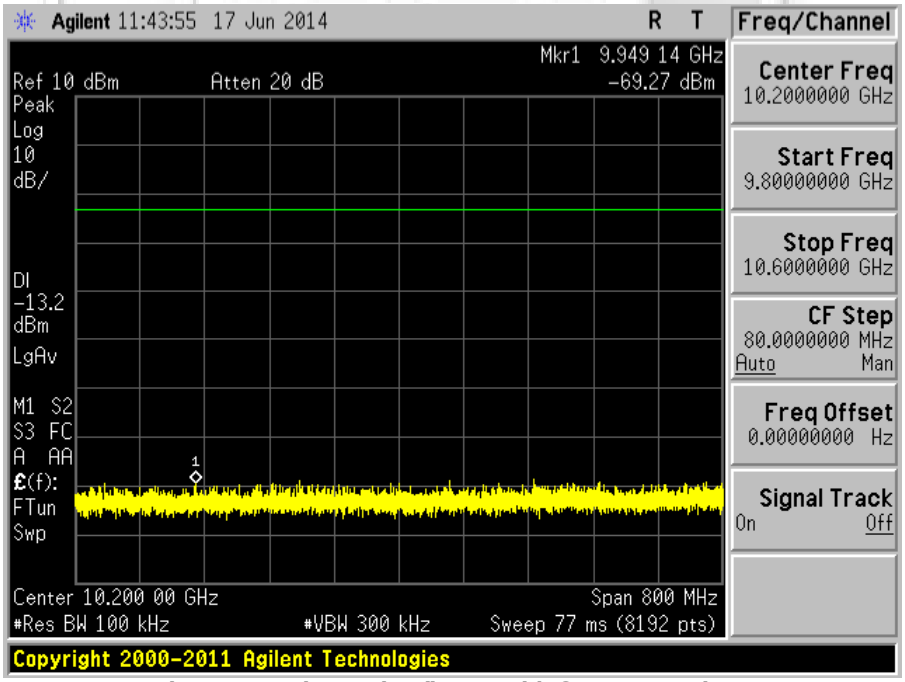


Plot 121 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

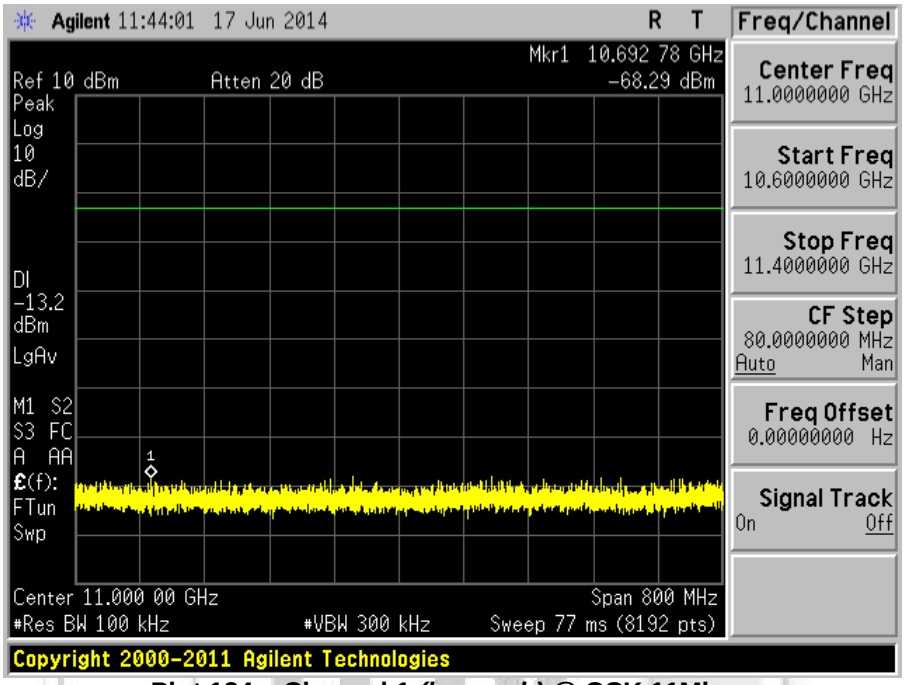


Plot 122 – Channel 1 *(lower ch)* @ CCK 11Mbps

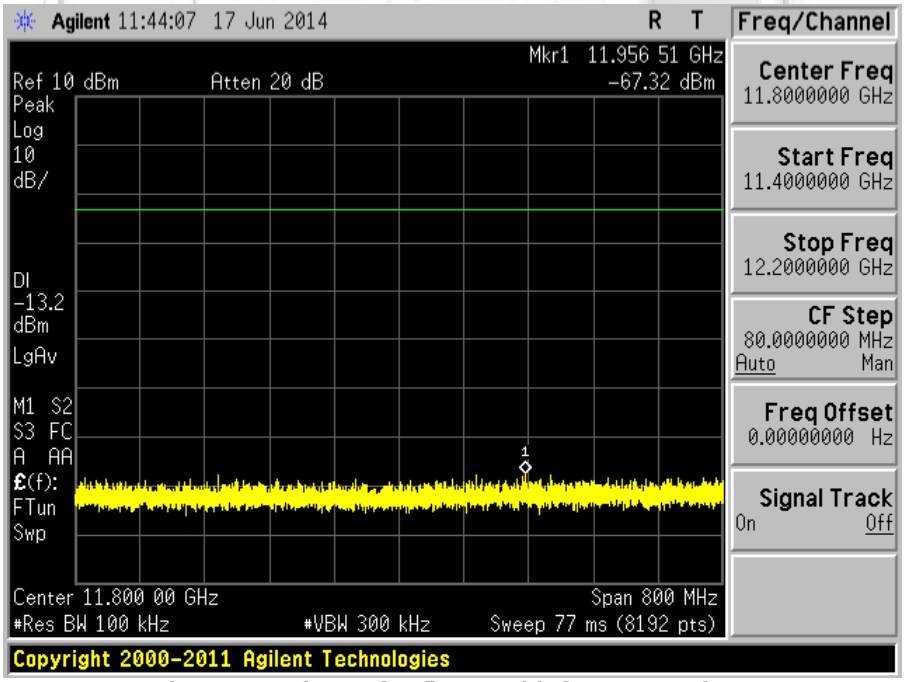


Plot 123 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

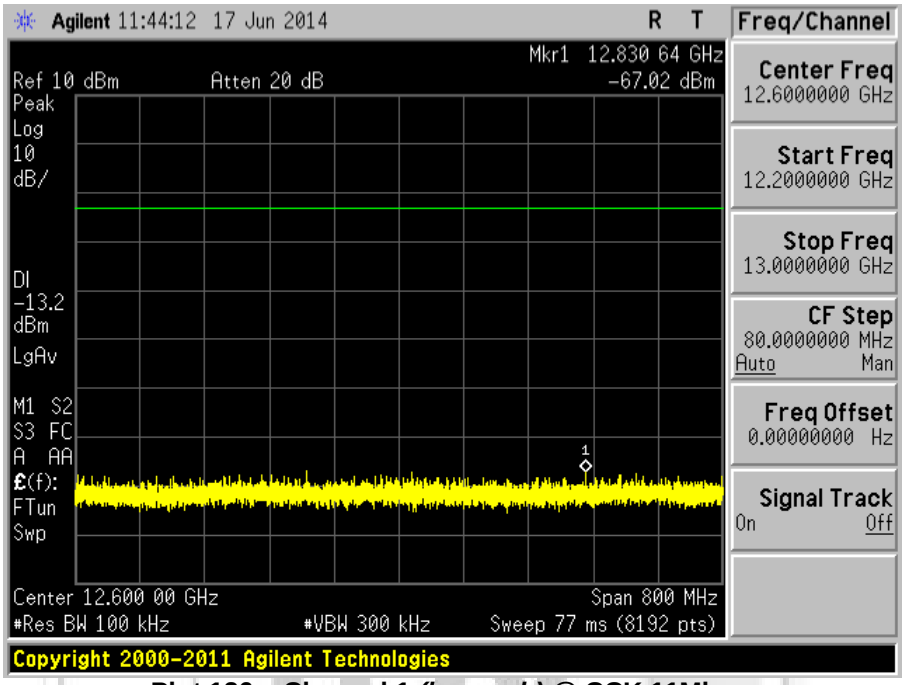


Plot 124 – Channel 1 *(lower ch)* @ CCK 11Mbps

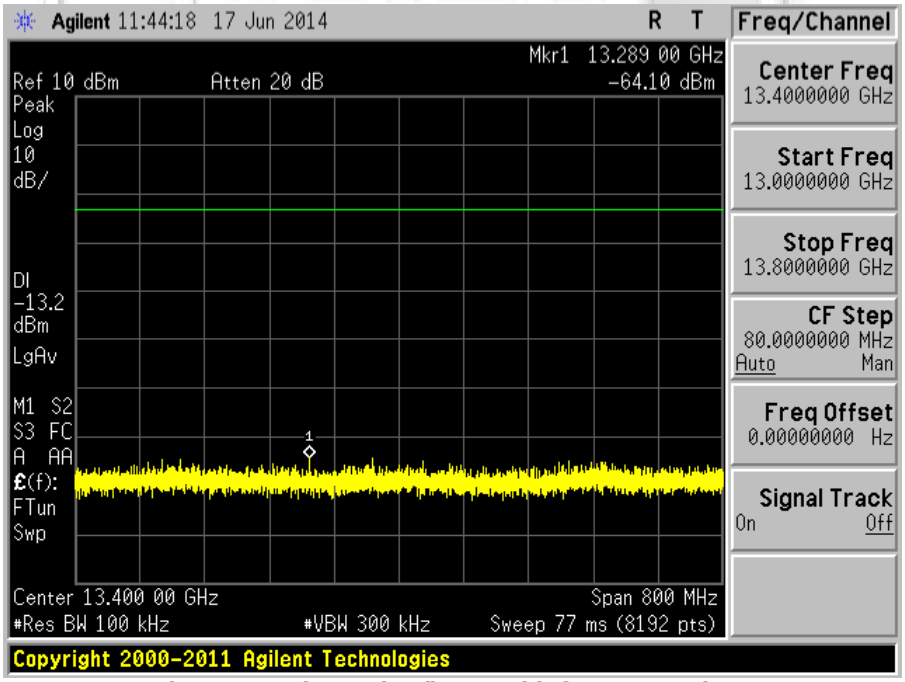


Plot 125 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

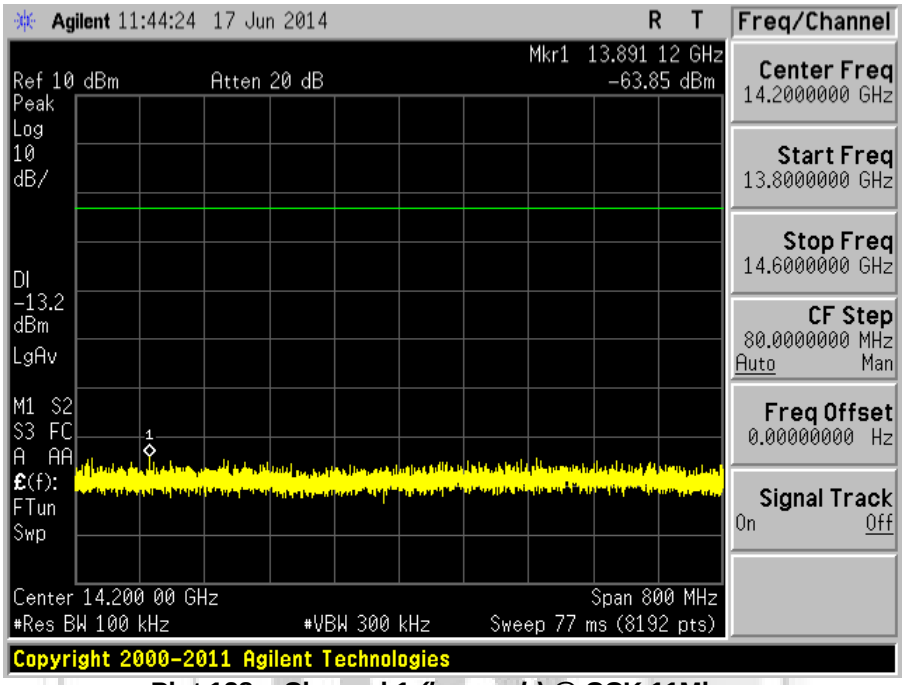


Plot 126 – Channel 1 *(lower ch)* @ CCK 11Mbps

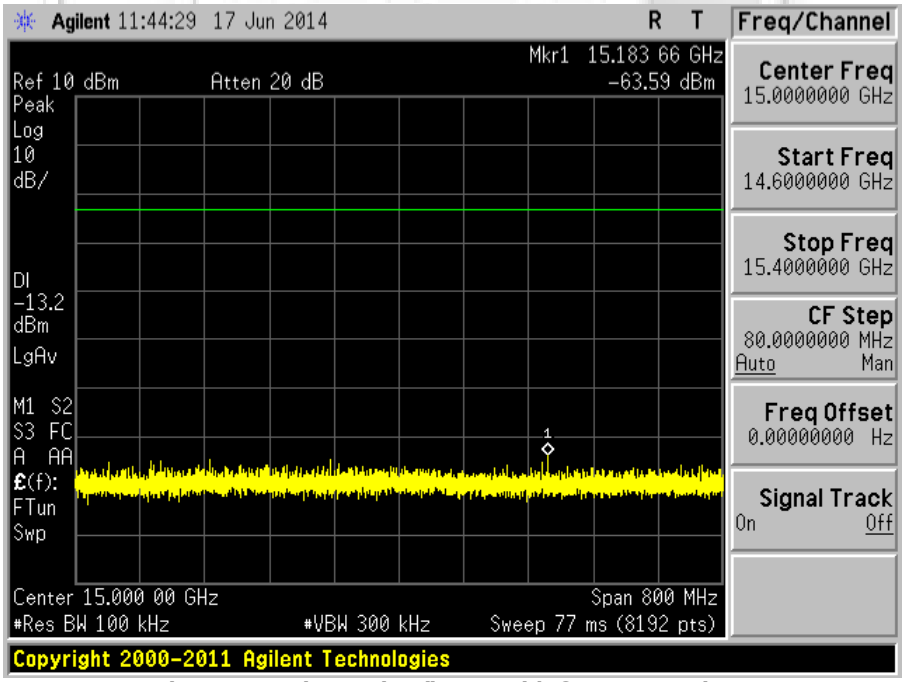


Plot 127 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

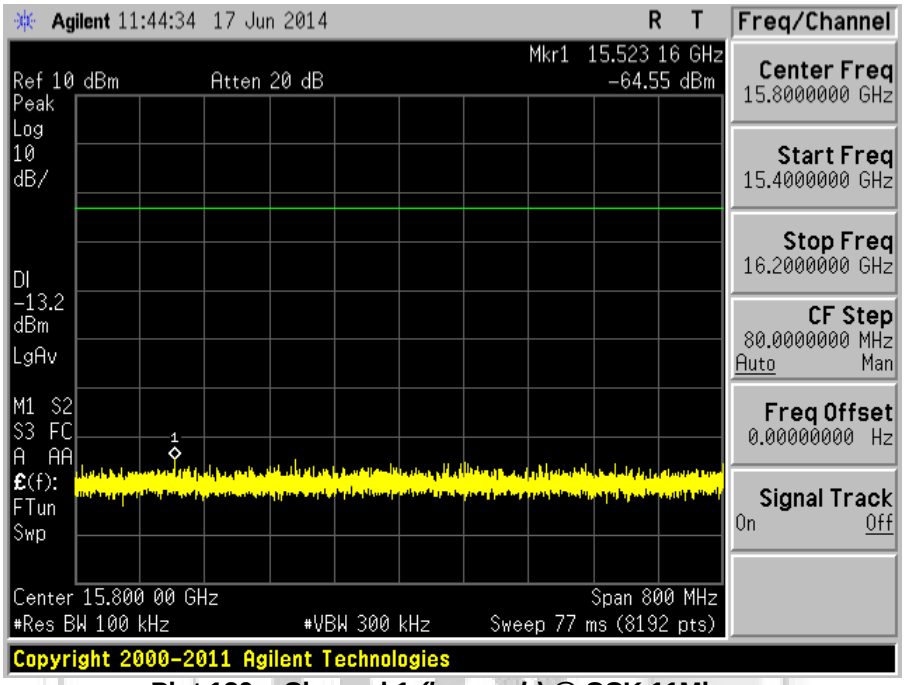


Plot 128 – Channel 1 *(lower ch)* @ CCK 11Mbps

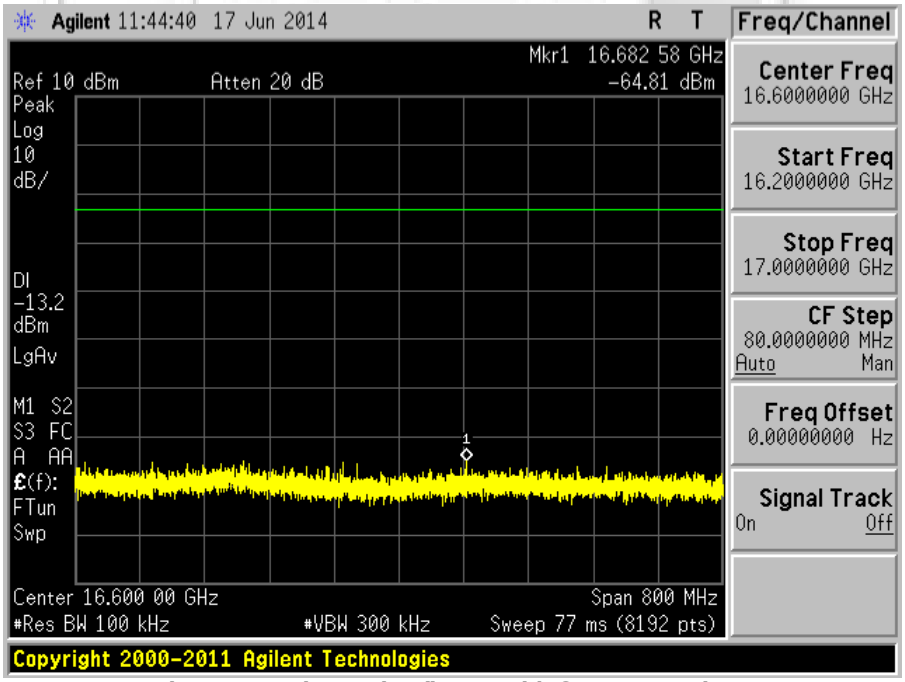


Plot 129 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

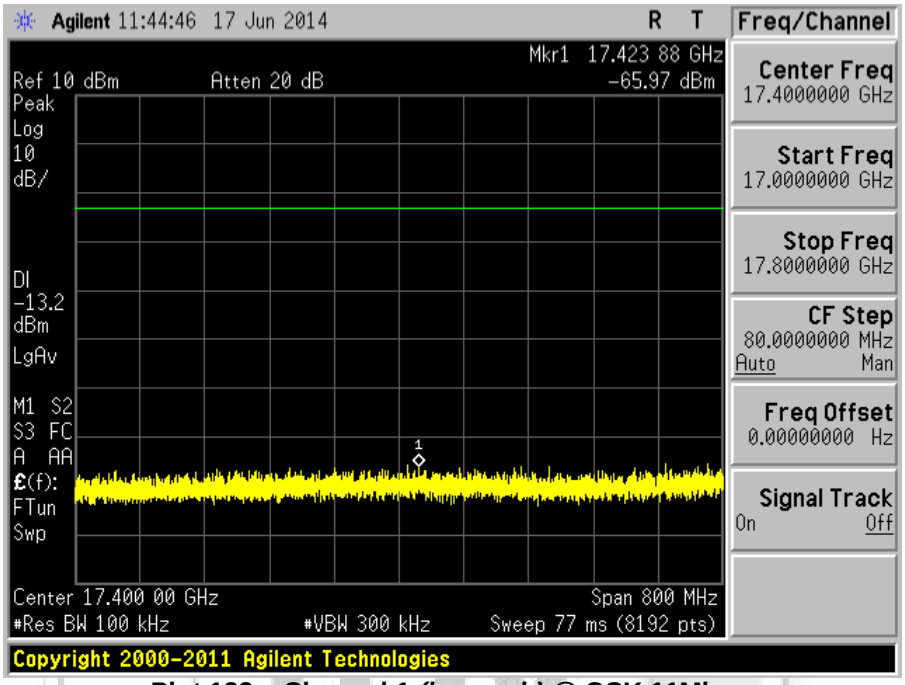


Plot 130 – Channel 1 *(lower ch)* @ CCK 11Mbps

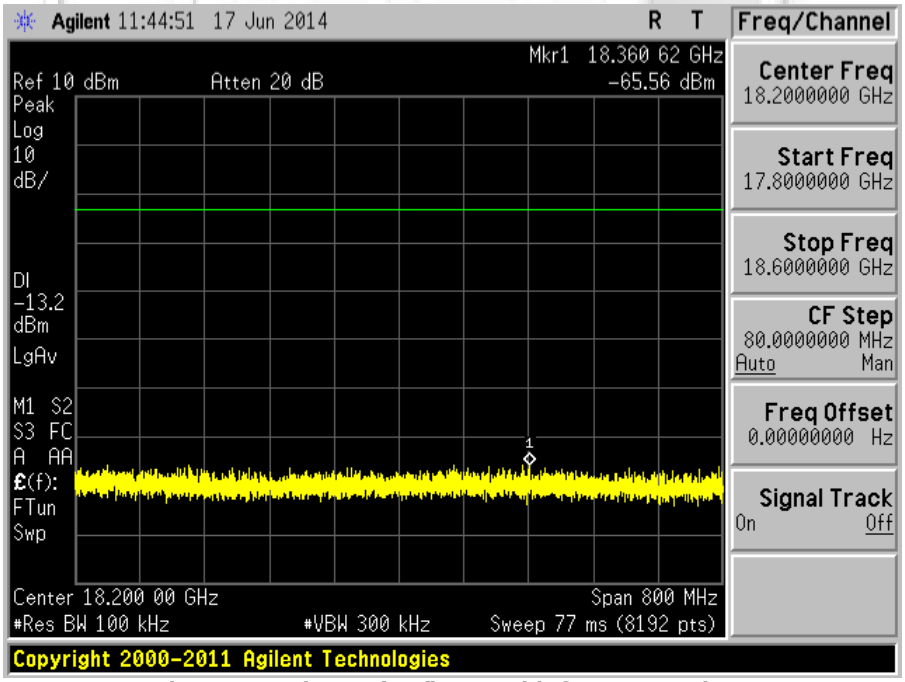


Plot 131 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

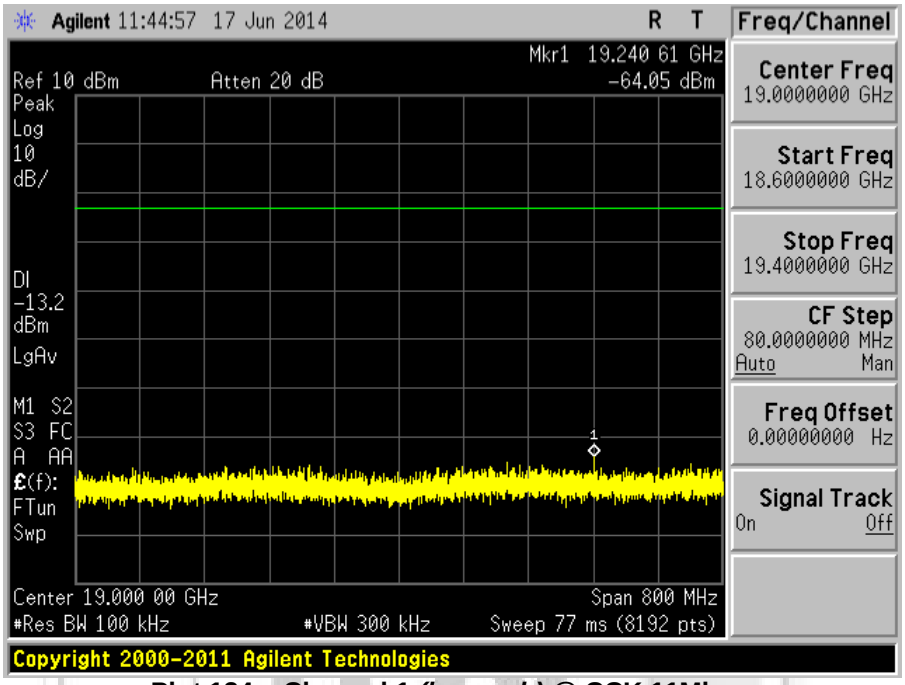


Plot 132 – Channel 1 *(lower ch)* @ CCK 11Mbps

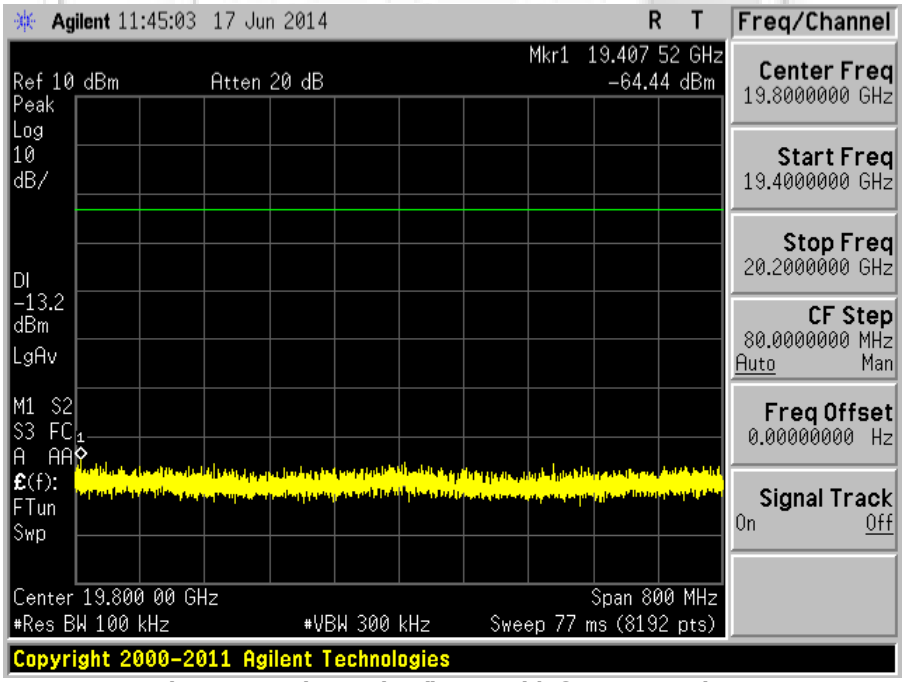


Plot 133 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

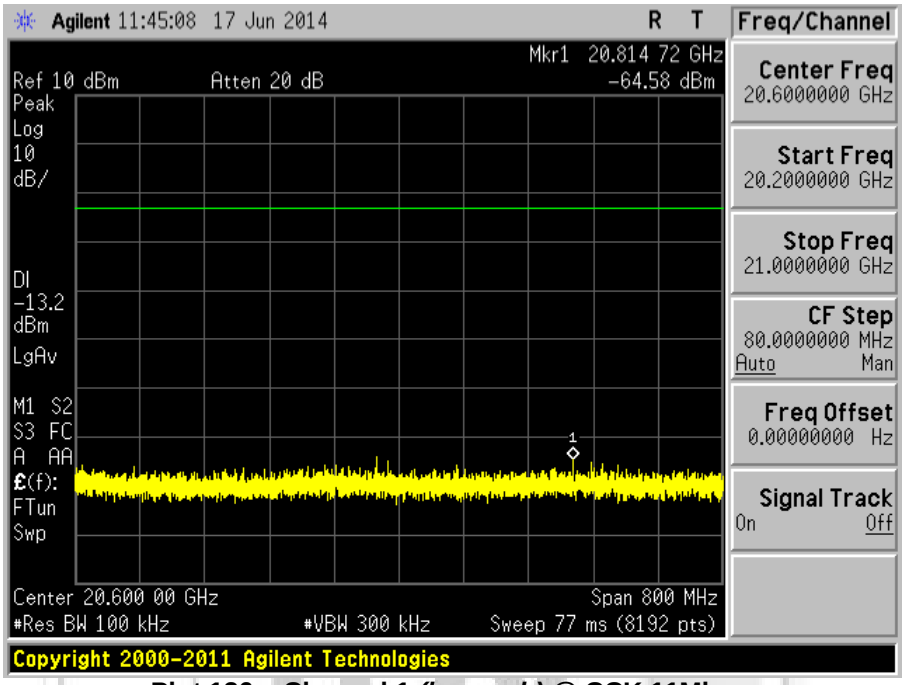


Plot 134 – Channel 1 *(lower ch)* @ CCK 11Mbps

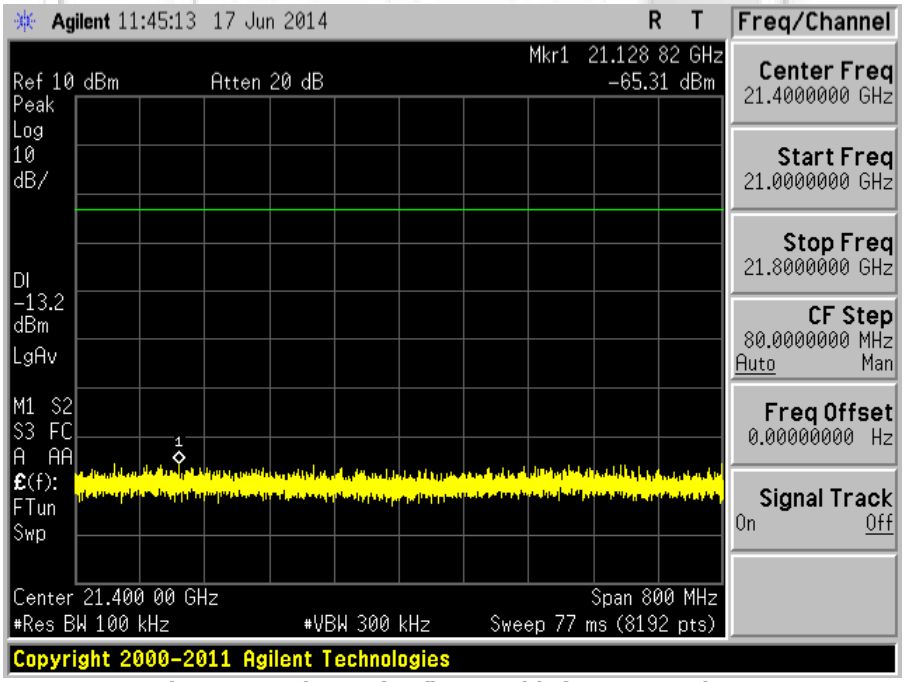


Plot 135 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

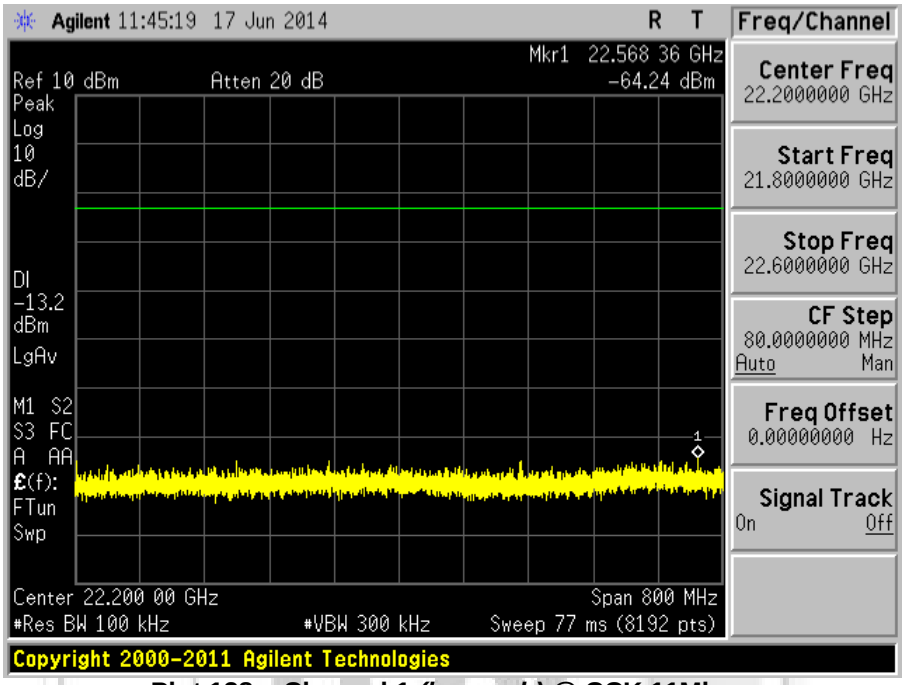


Plot 136 – Channel 1 *(lower ch)* @ CCK 11Mbps

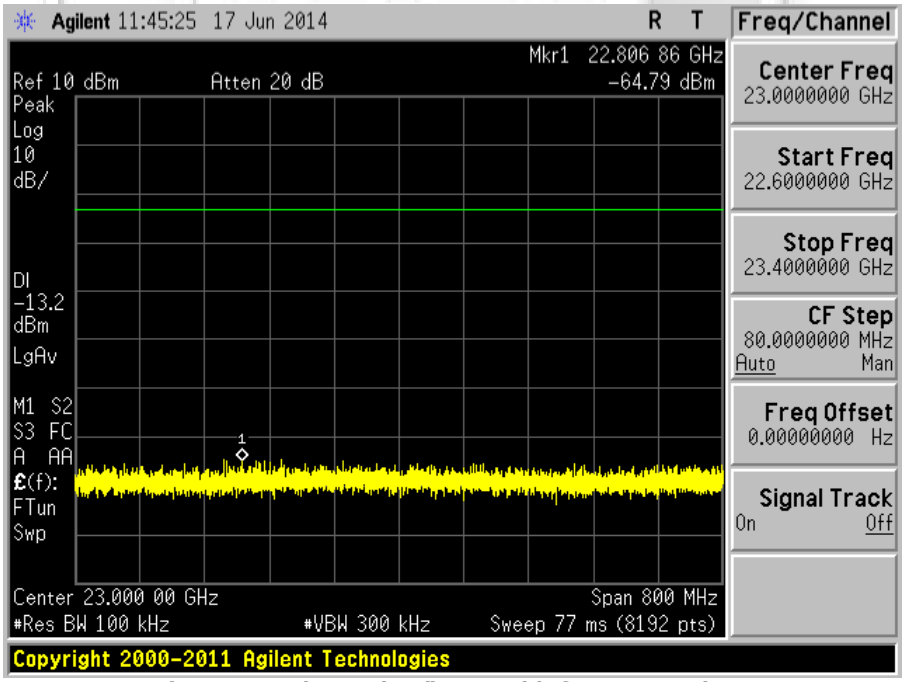


Plot 137 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

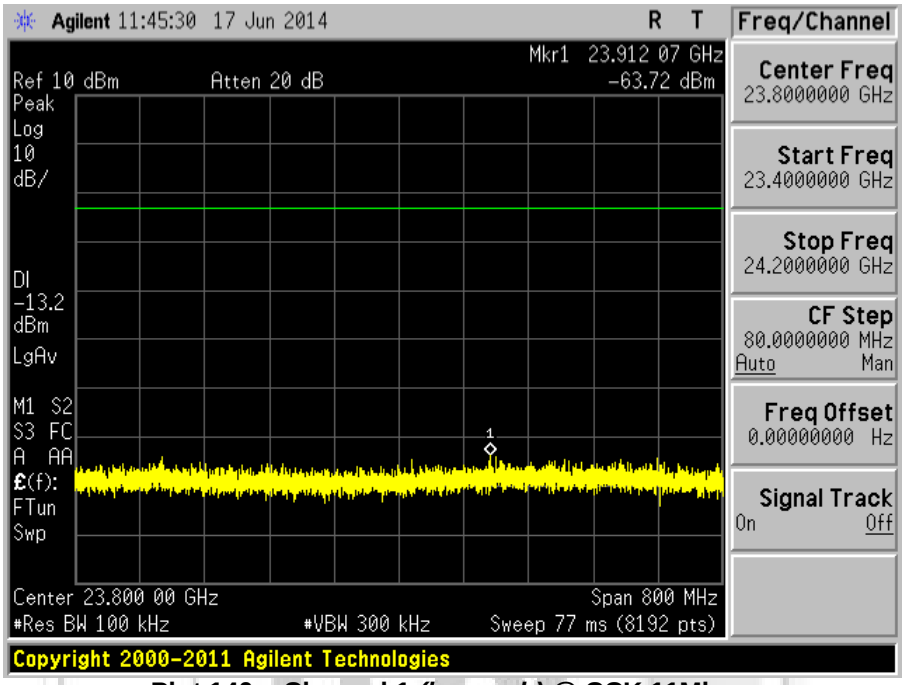


Plot 138 – Channel 1 *(lower ch)* @ CCK 11Mbps

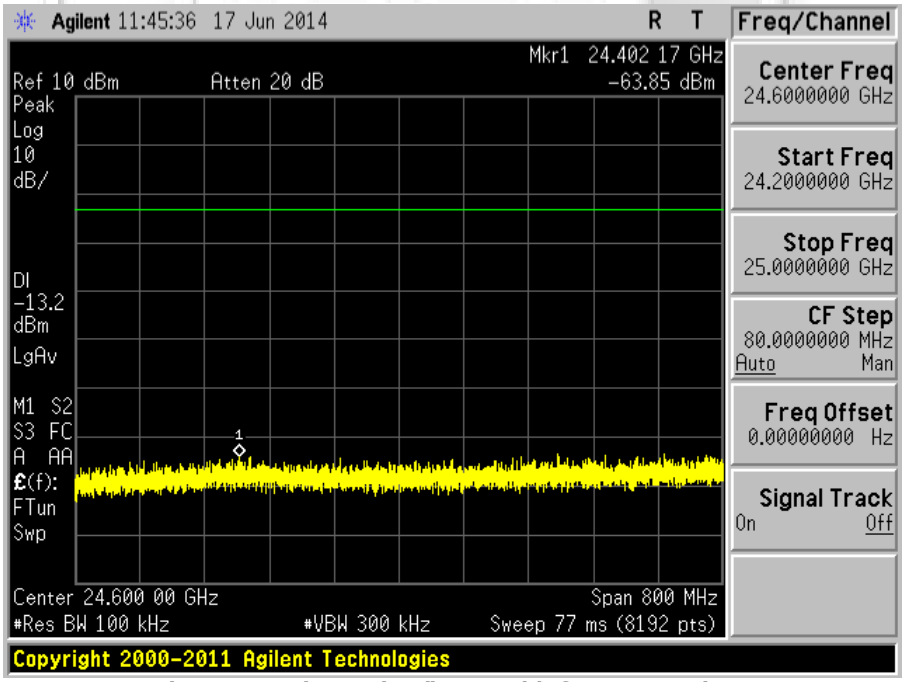


Plot 139 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

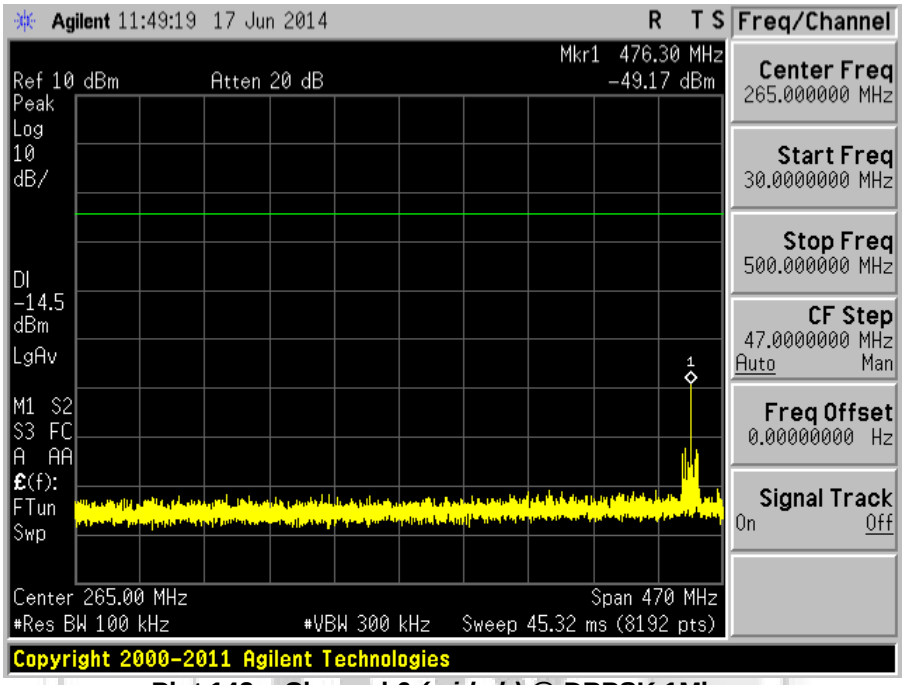


Plot 140 – Channel 1 *(lower ch)* @ CCK 11Mbps

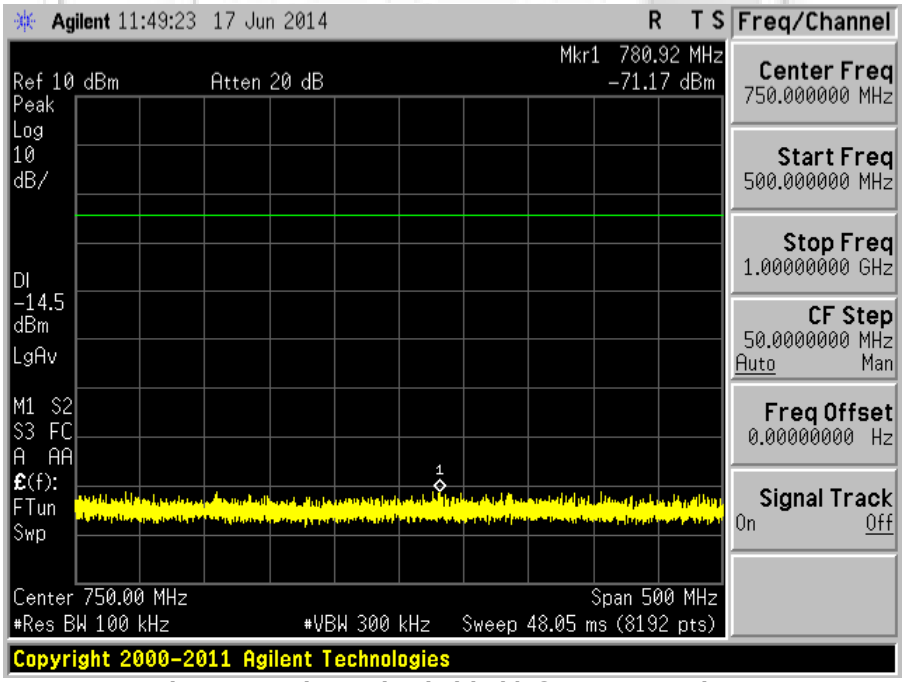


Plot 141 – Channel 1 *(lower ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

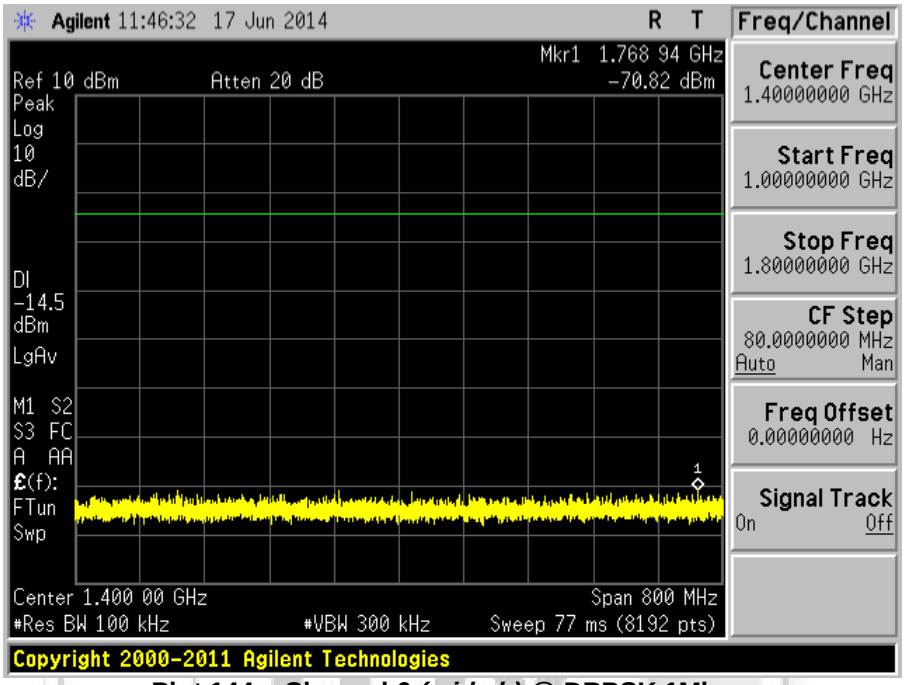


Plot 142 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

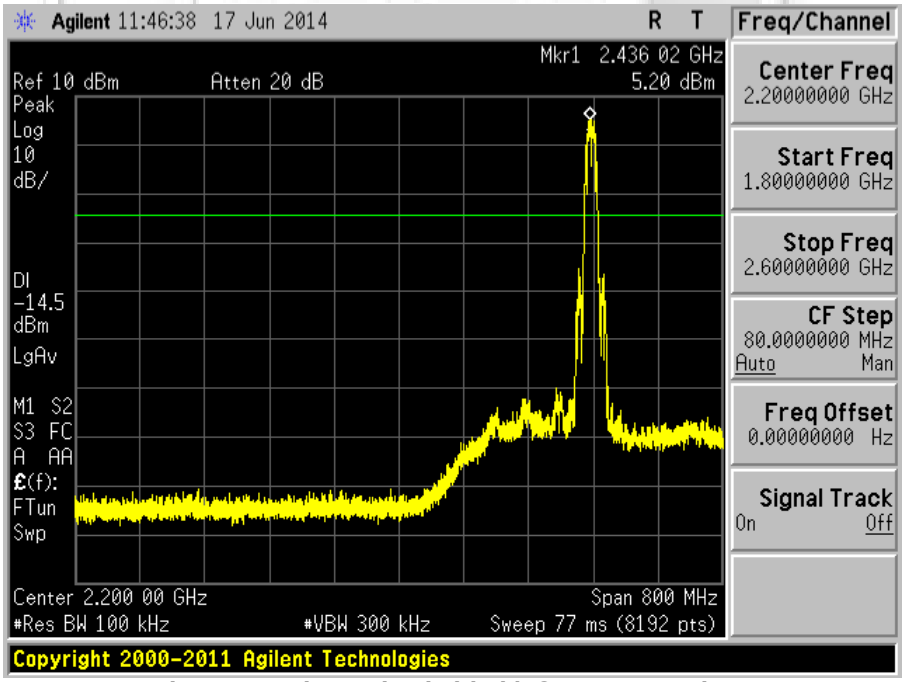


Plot 143 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

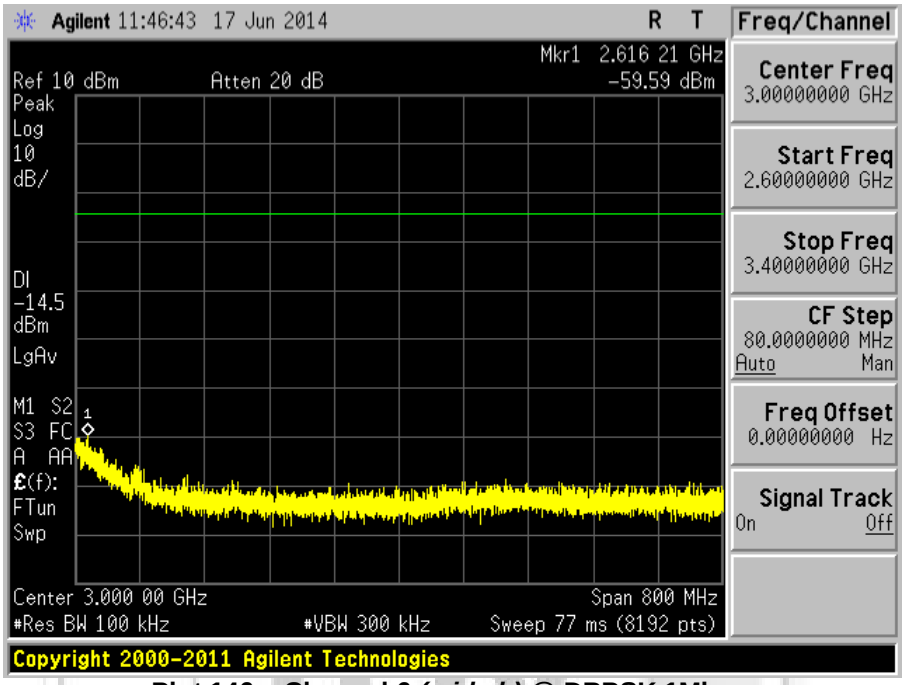


Plot 144 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

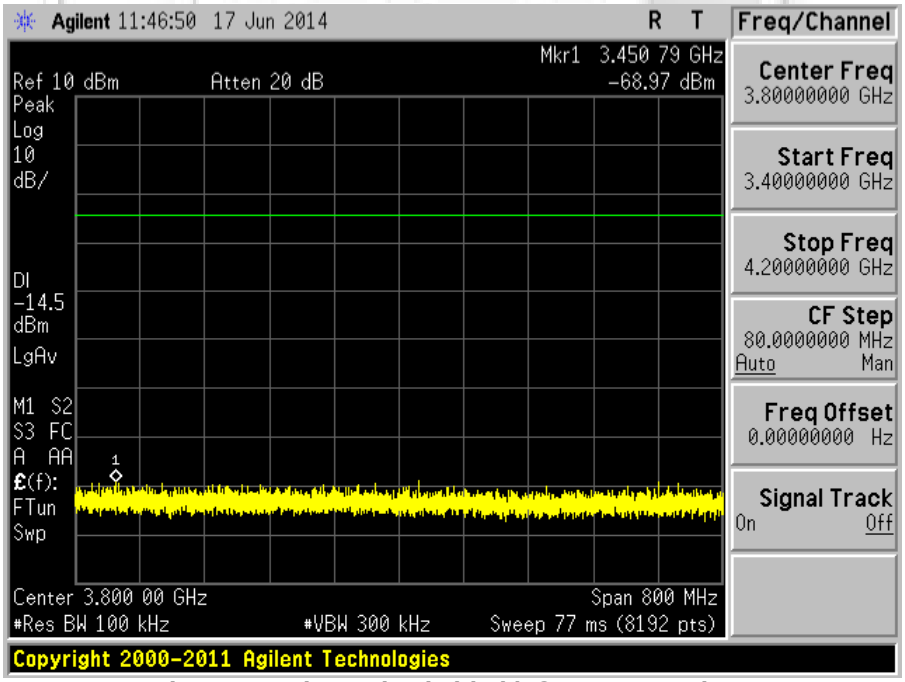


Plot 145 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

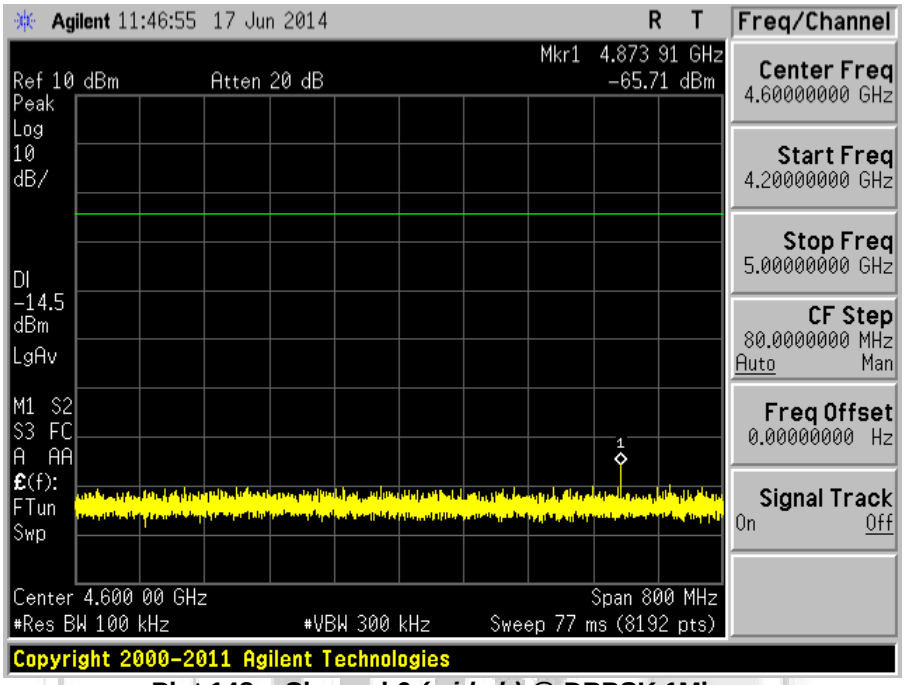


Plot 146 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

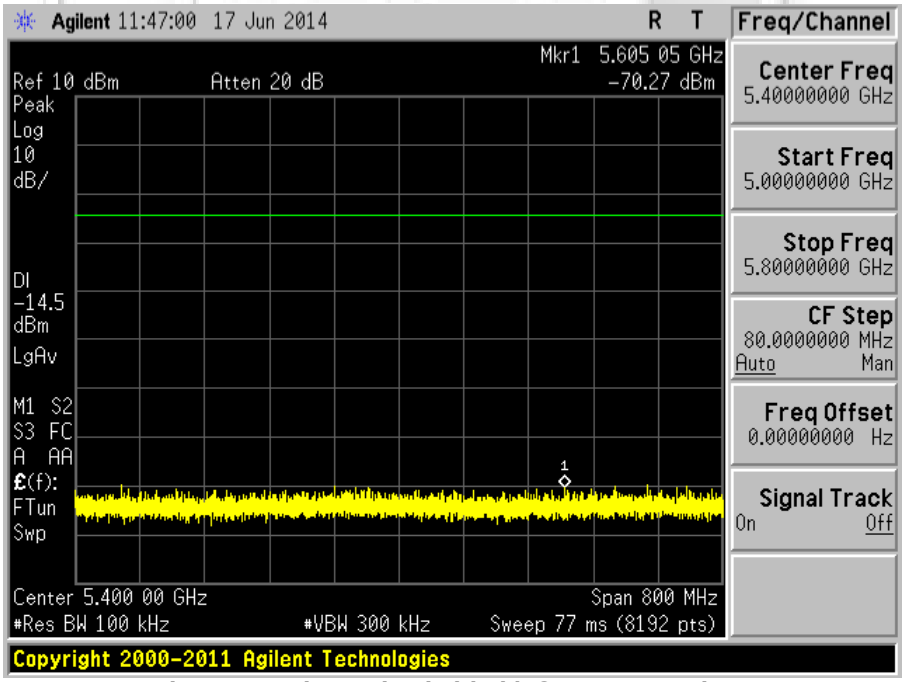


Plot 147 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

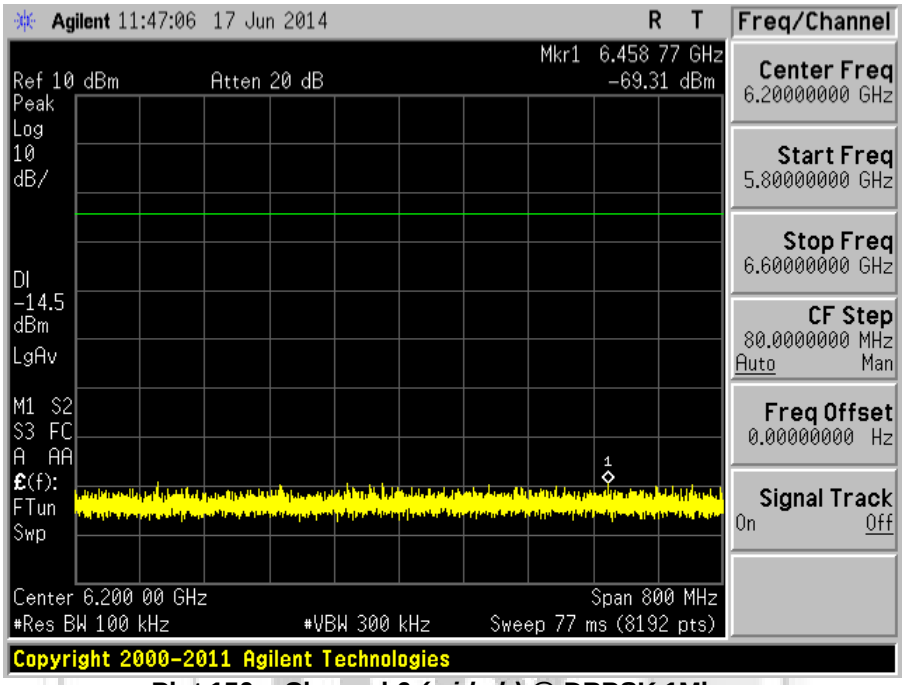


Plot 148 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

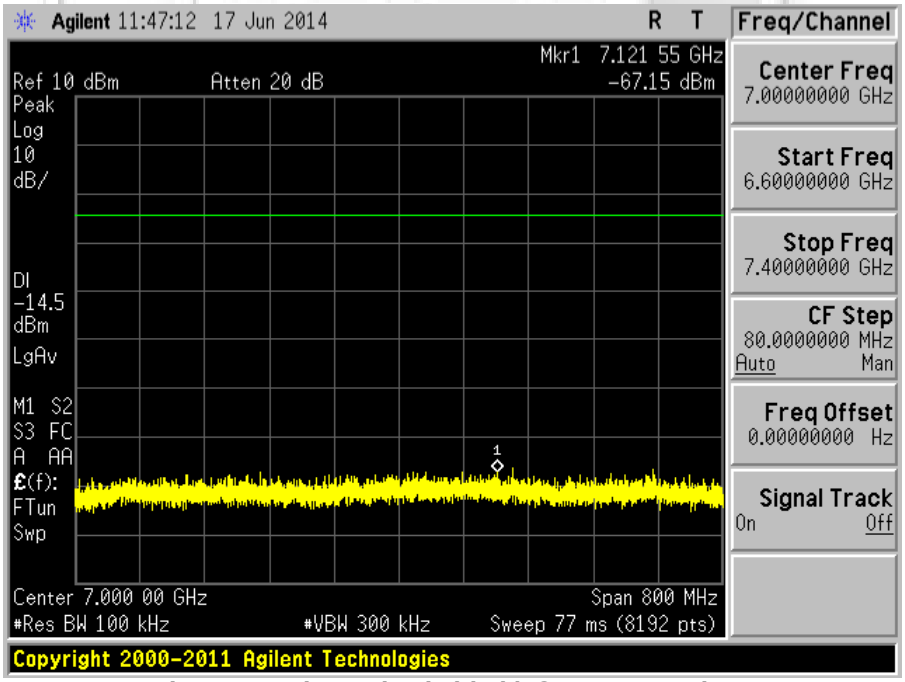


Plot 149 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

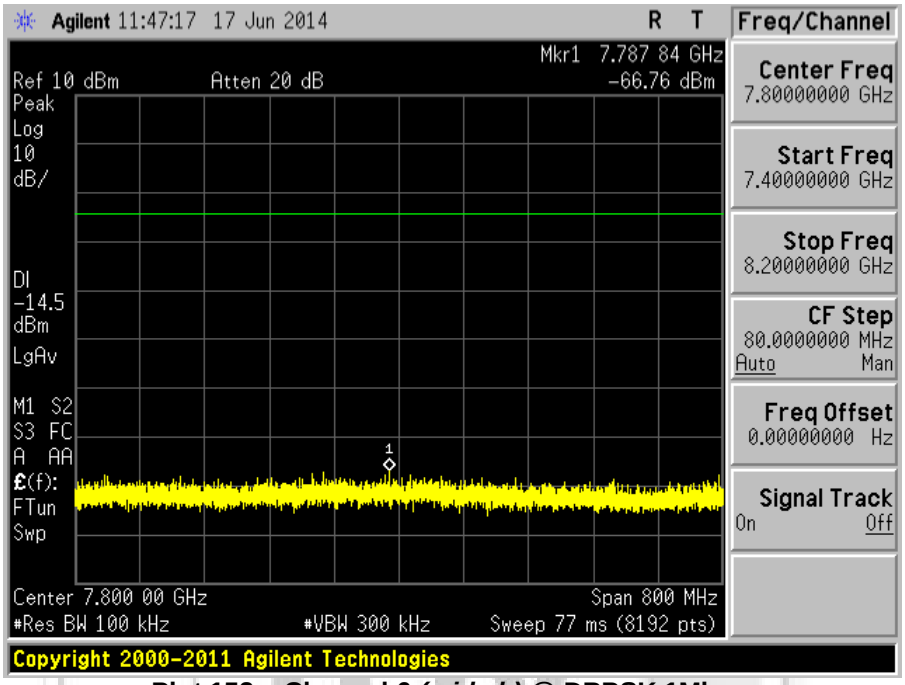


Plot 150 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

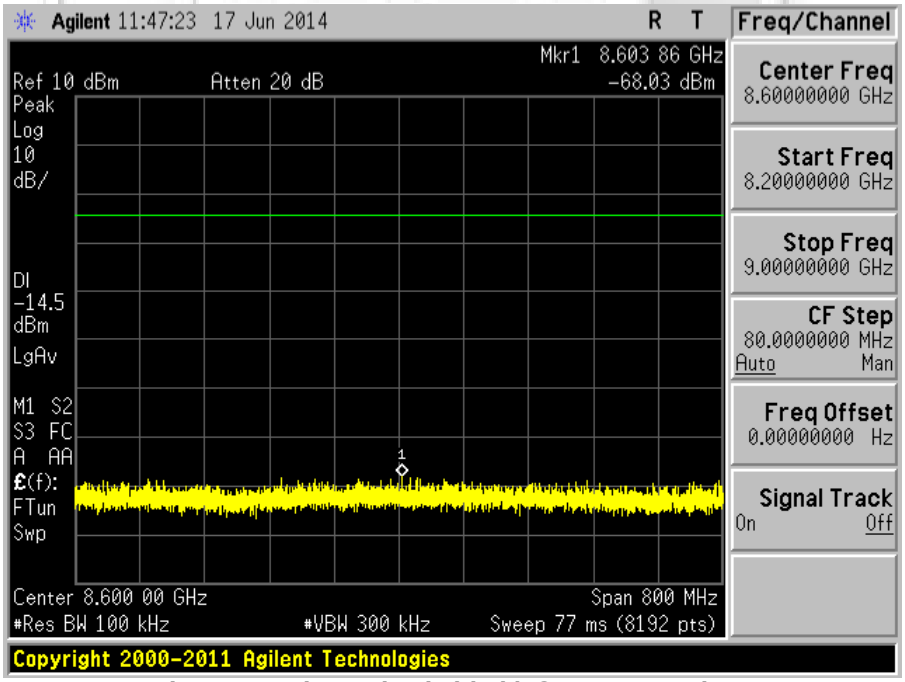


Plot 151 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

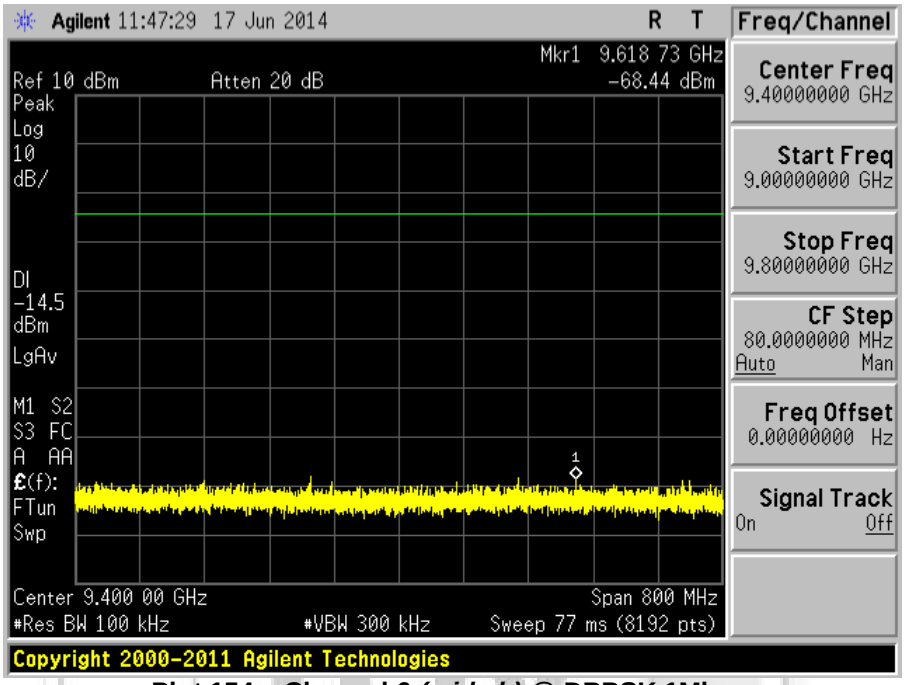


Plot 152 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

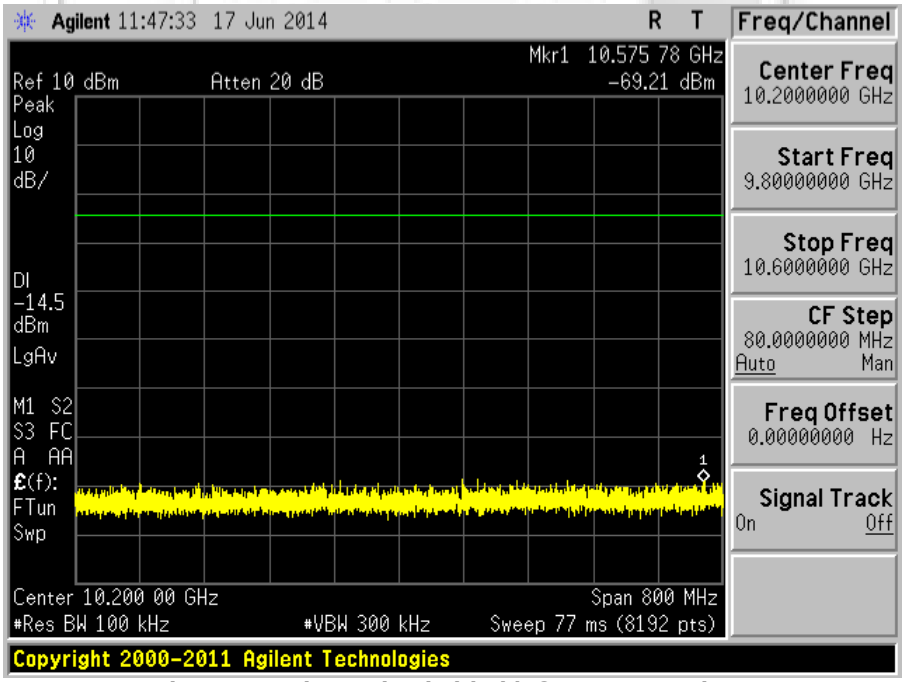


Plot 153 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

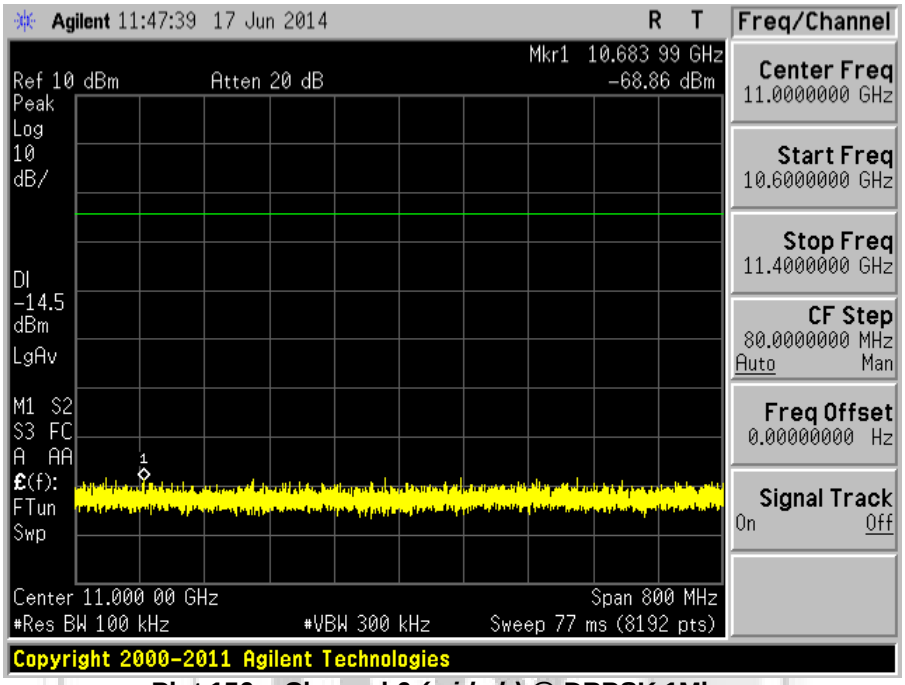


Plot 154 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

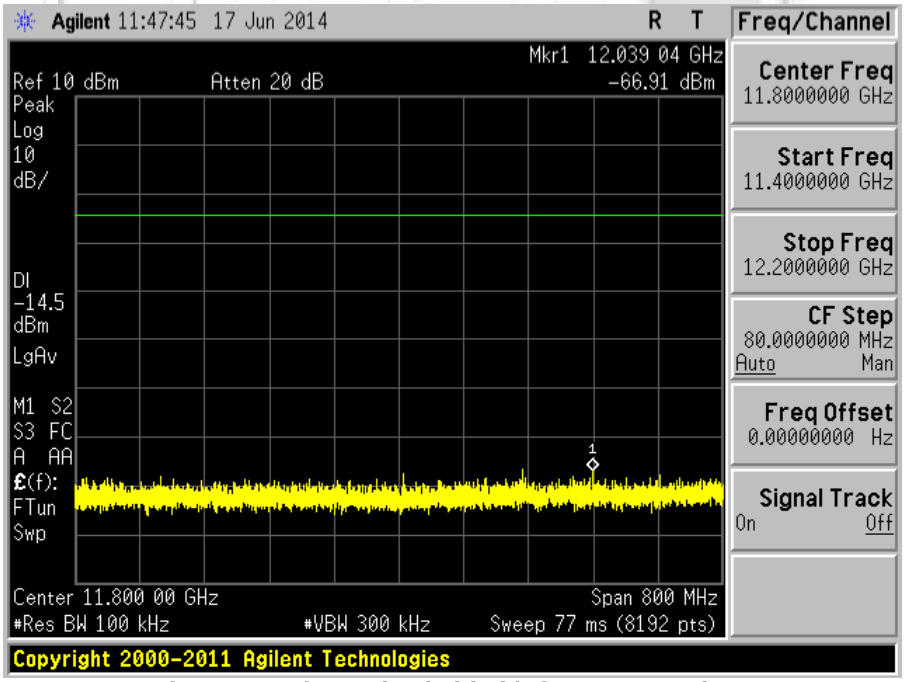


Plot 155 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

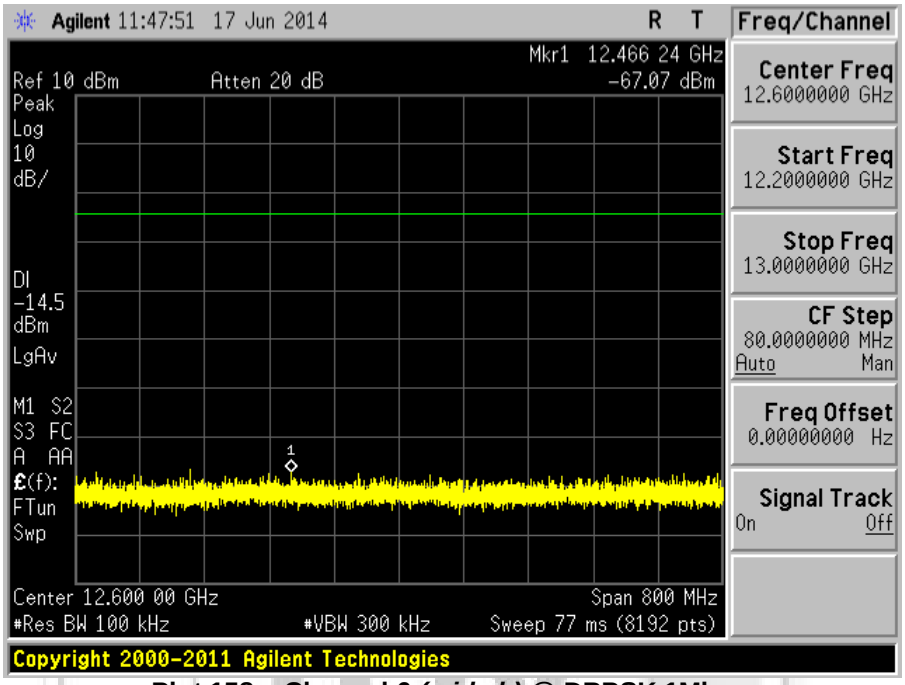


Plot 156 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

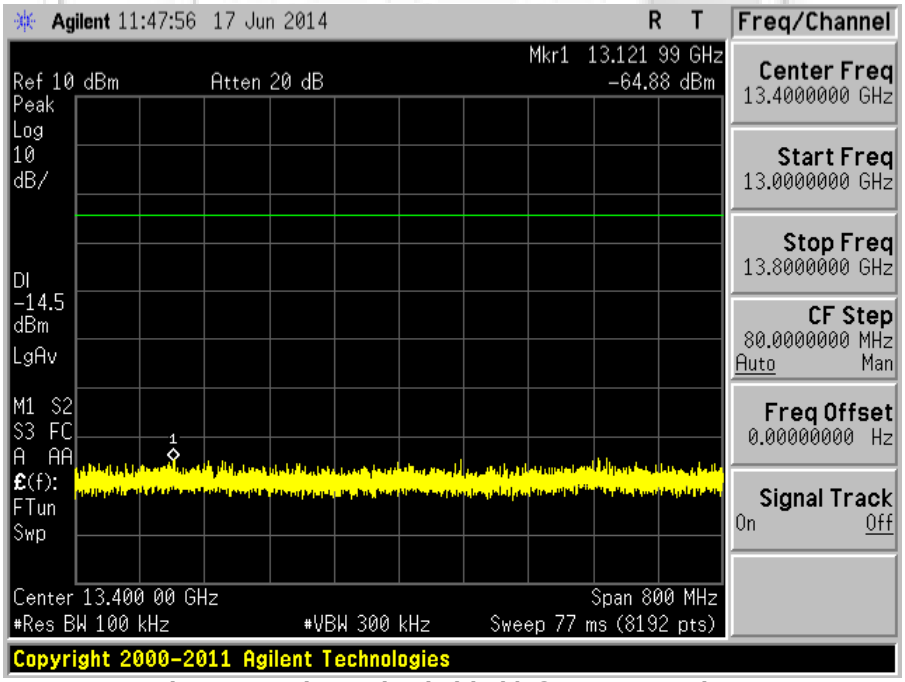


Plot 157 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

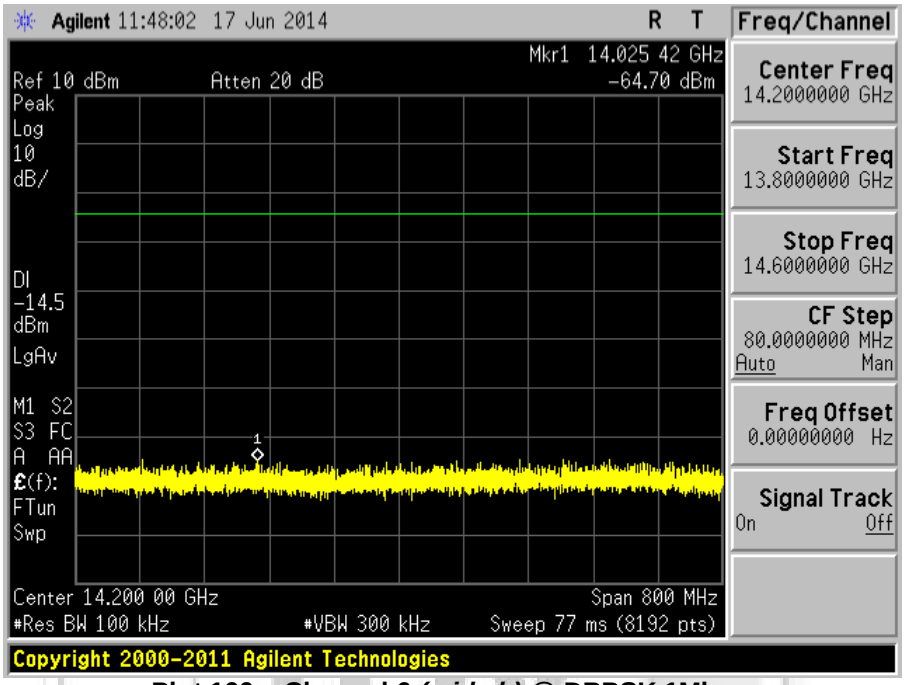


Plot 158 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

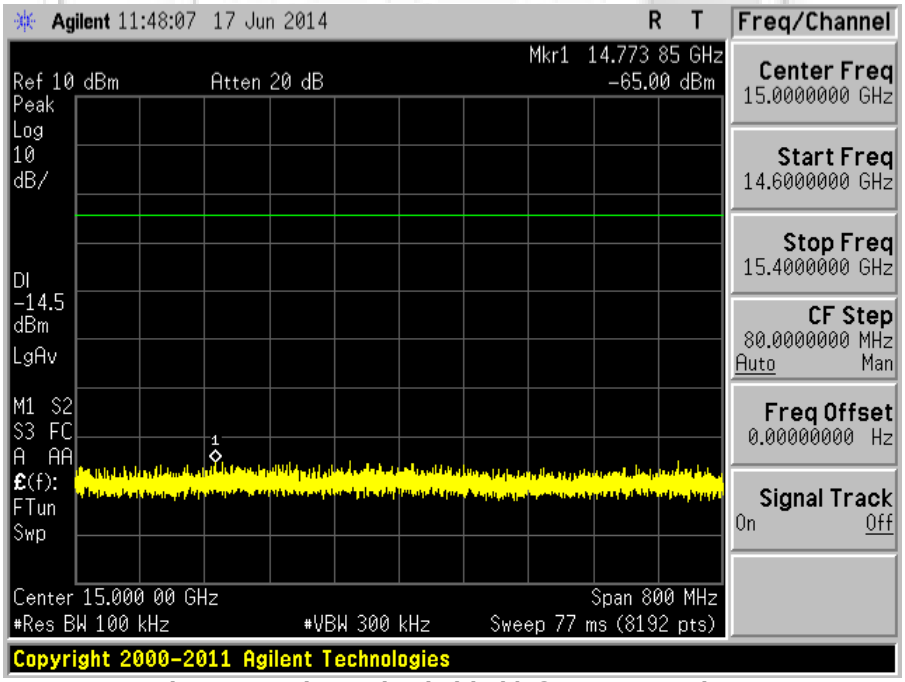


Plot 159 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

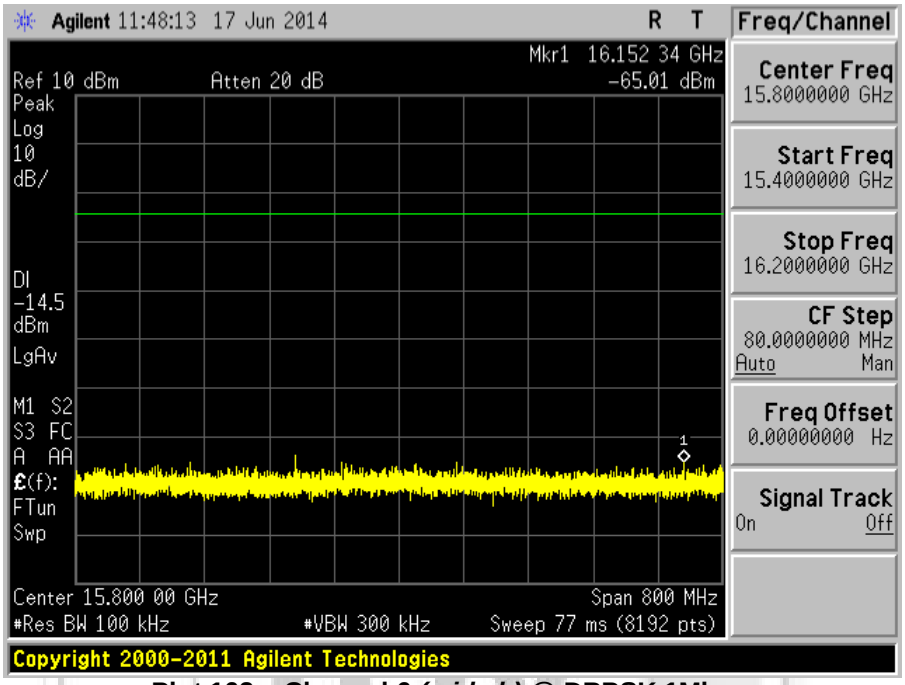


Plot 160 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

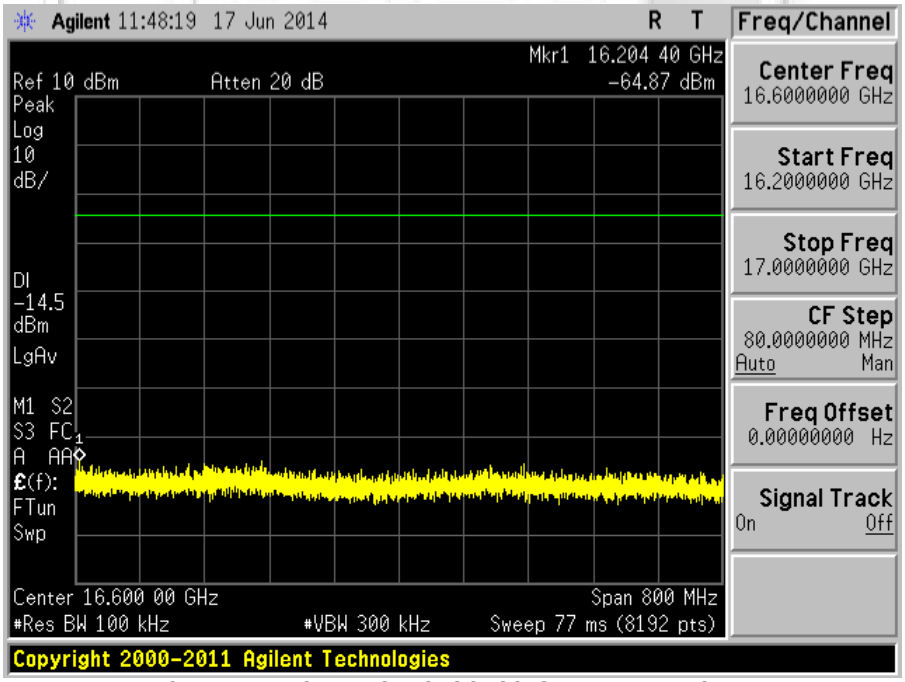


Plot 161 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

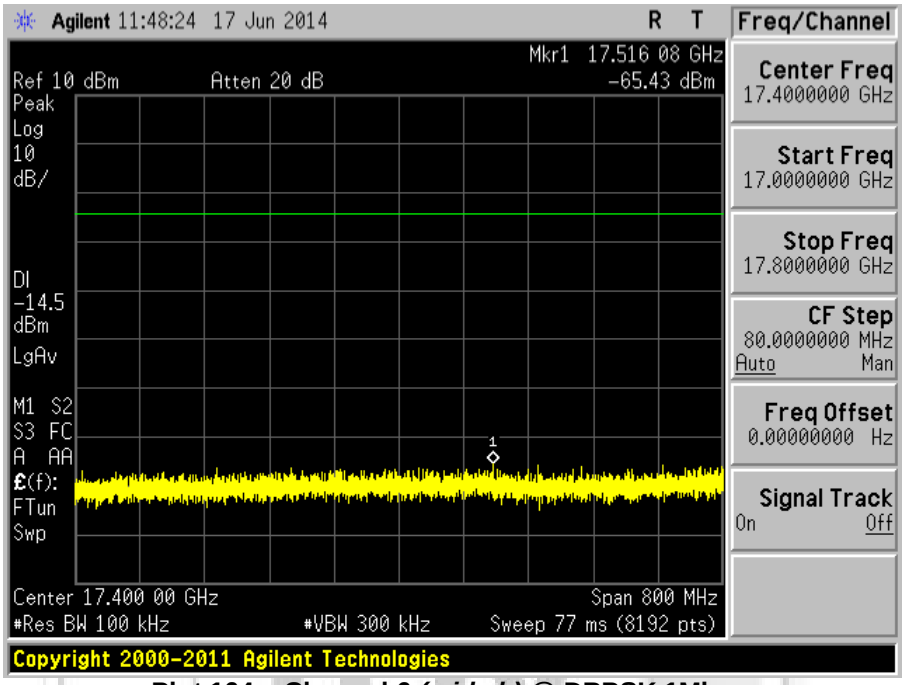


Plot 162 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

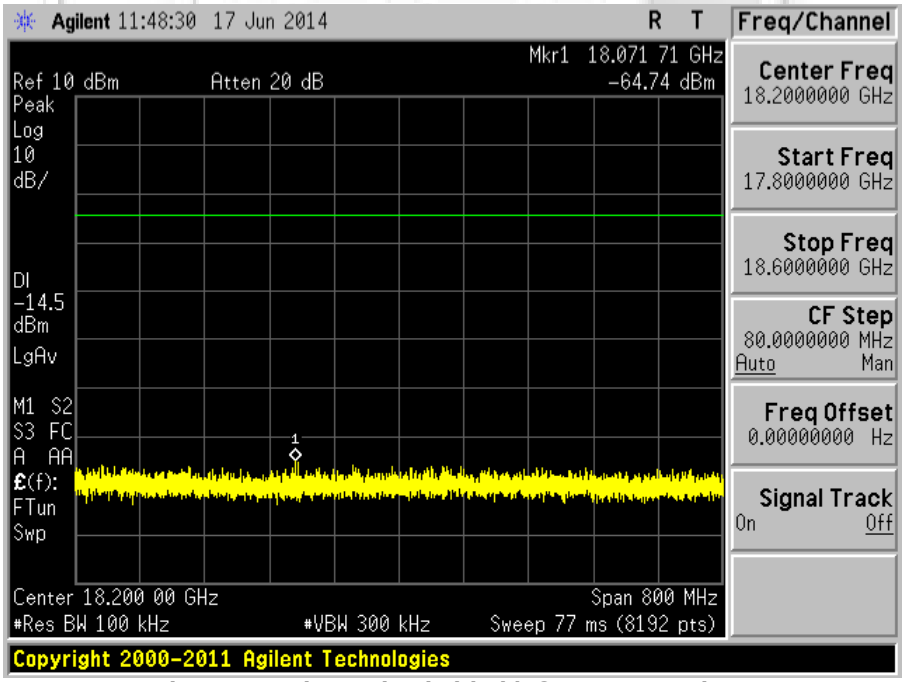


Plot 163 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

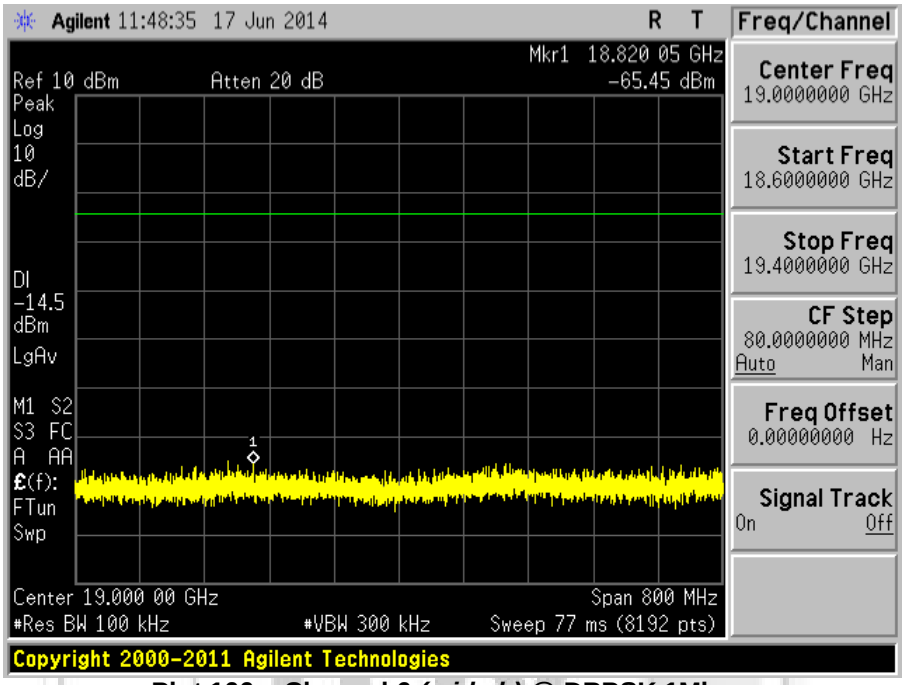


Plot 164 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

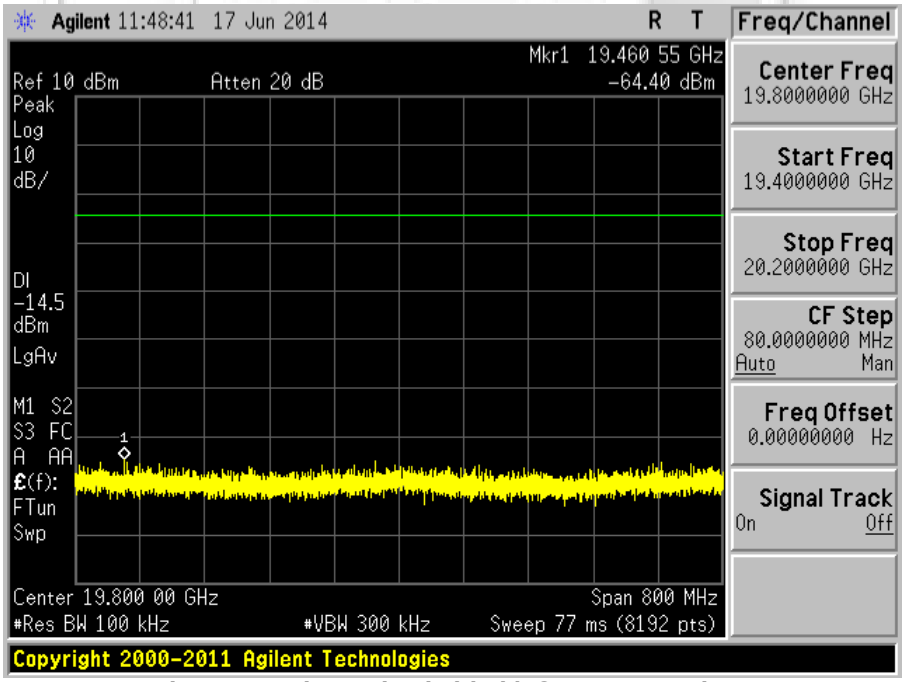


Plot 165 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

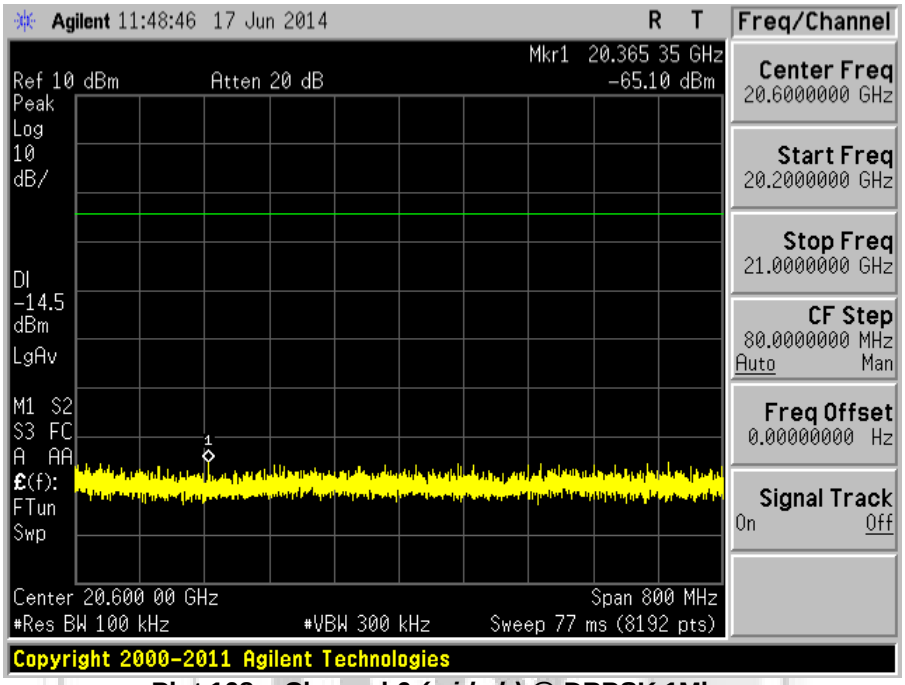


Plot 166 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

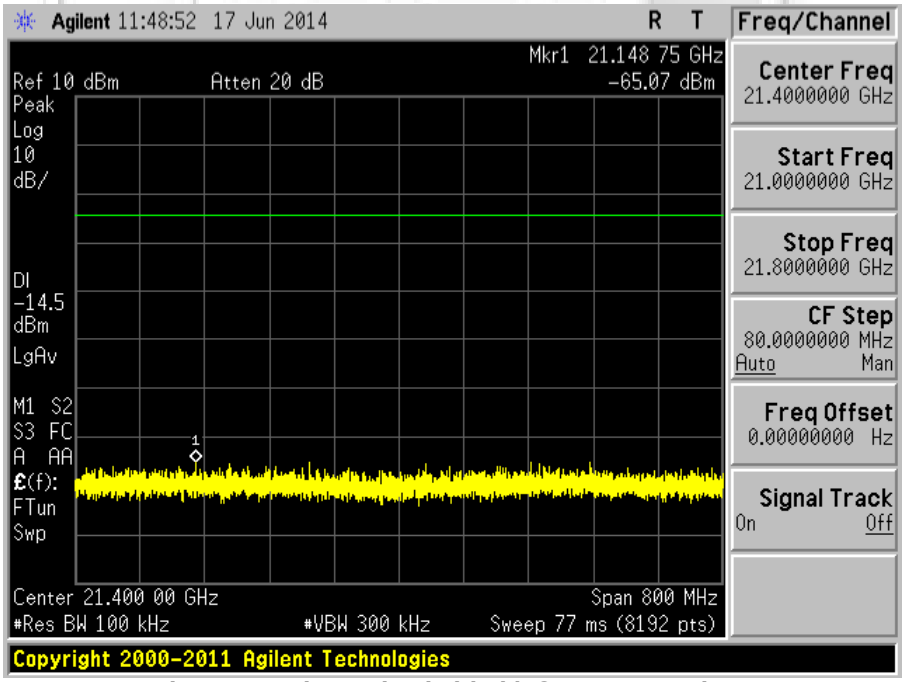


Plot 167 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

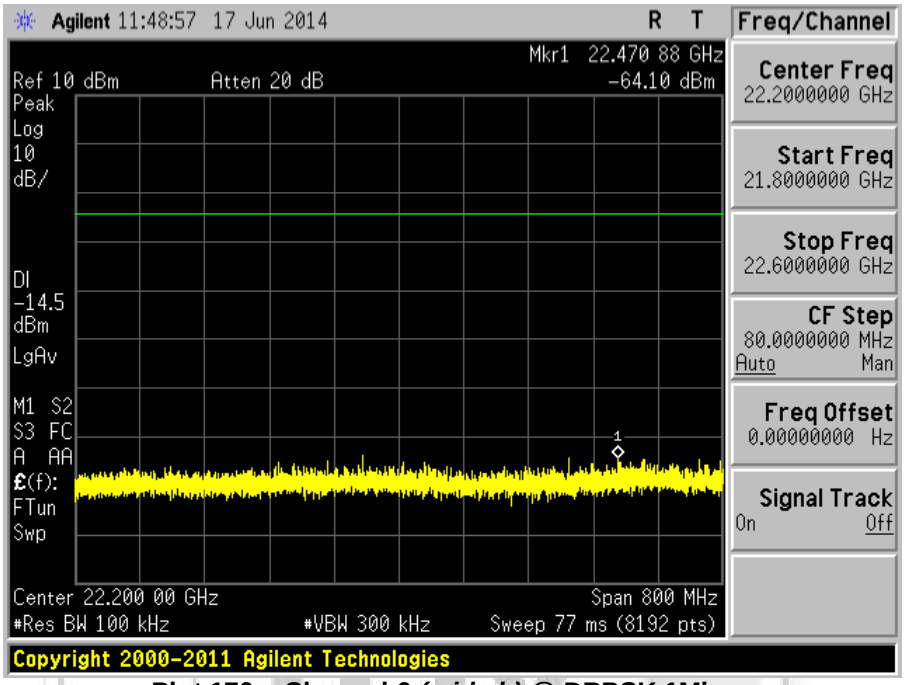


Plot 168 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

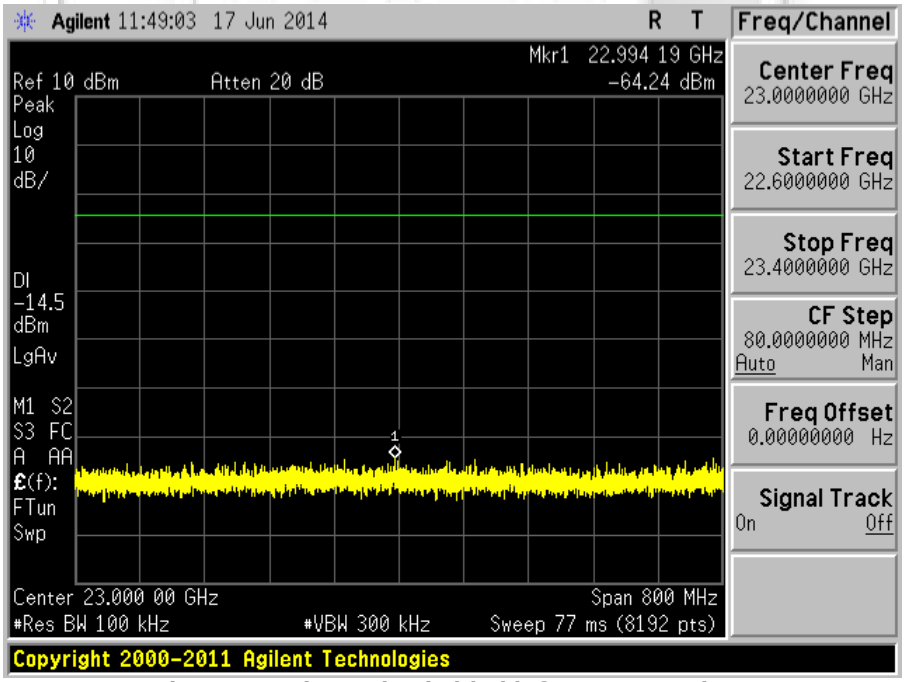


Plot 169 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

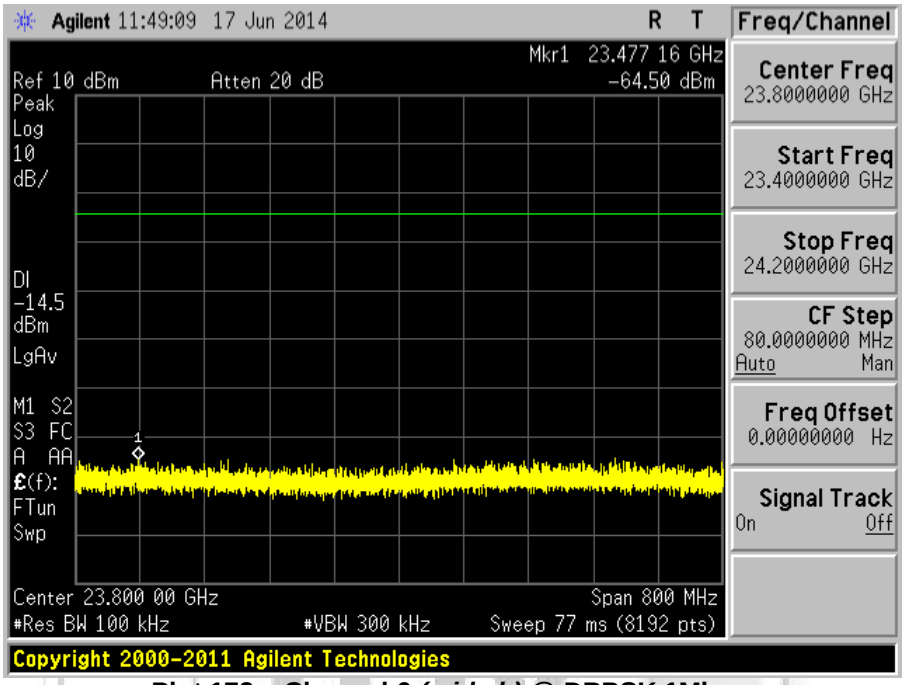


Plot 170 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

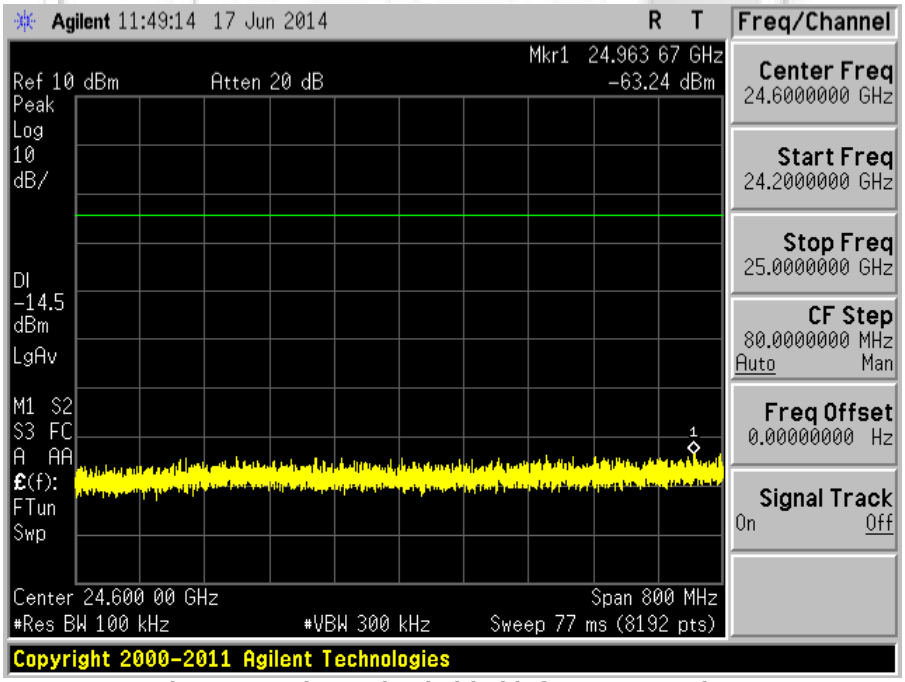


Plot 171 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

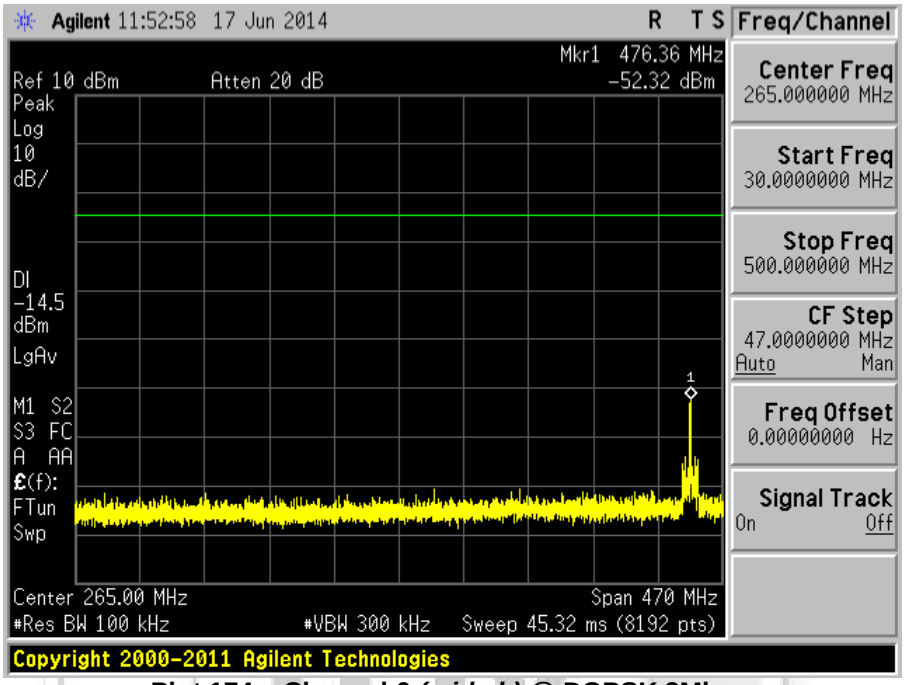


Plot 172 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

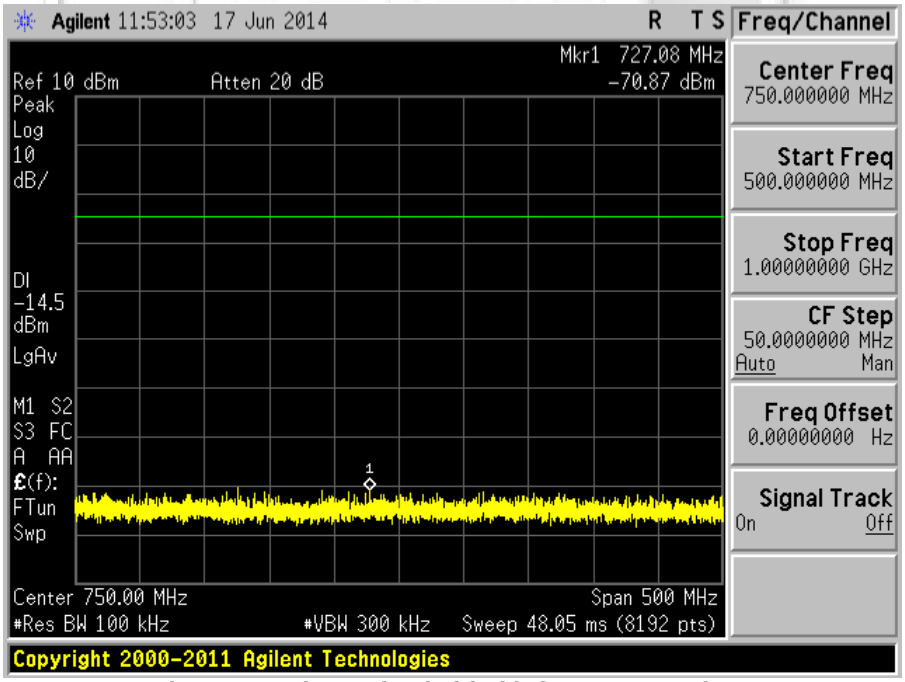


Plot 173 – Channel 6 *(mid ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

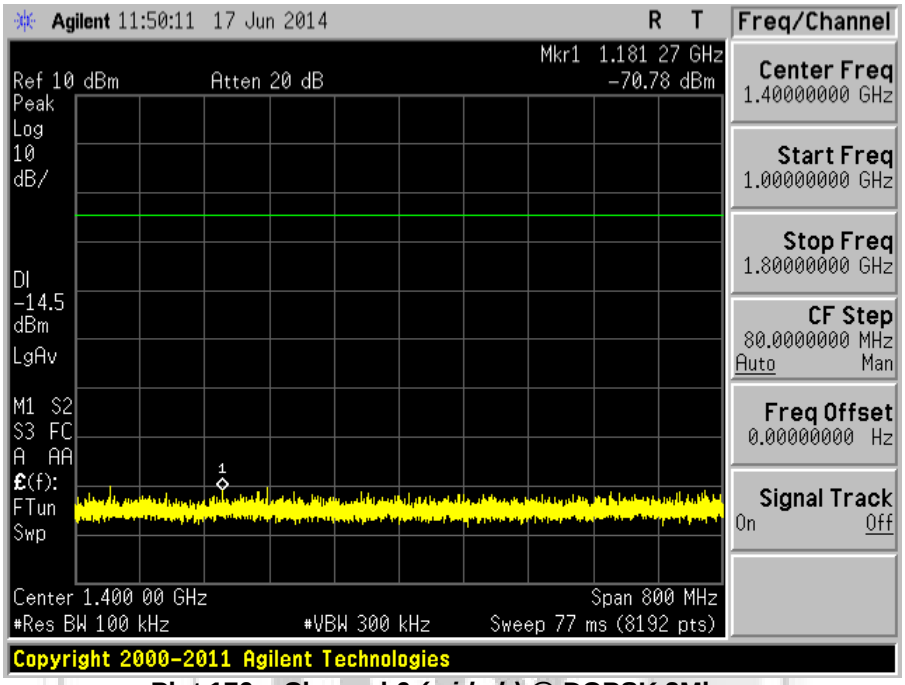


Plot 174 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

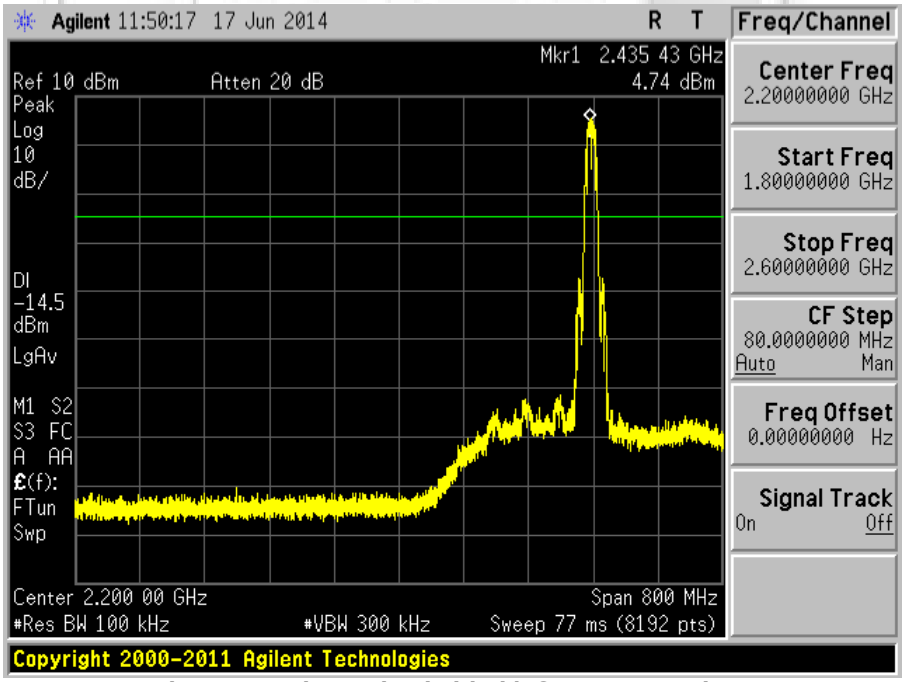


Plot 175 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

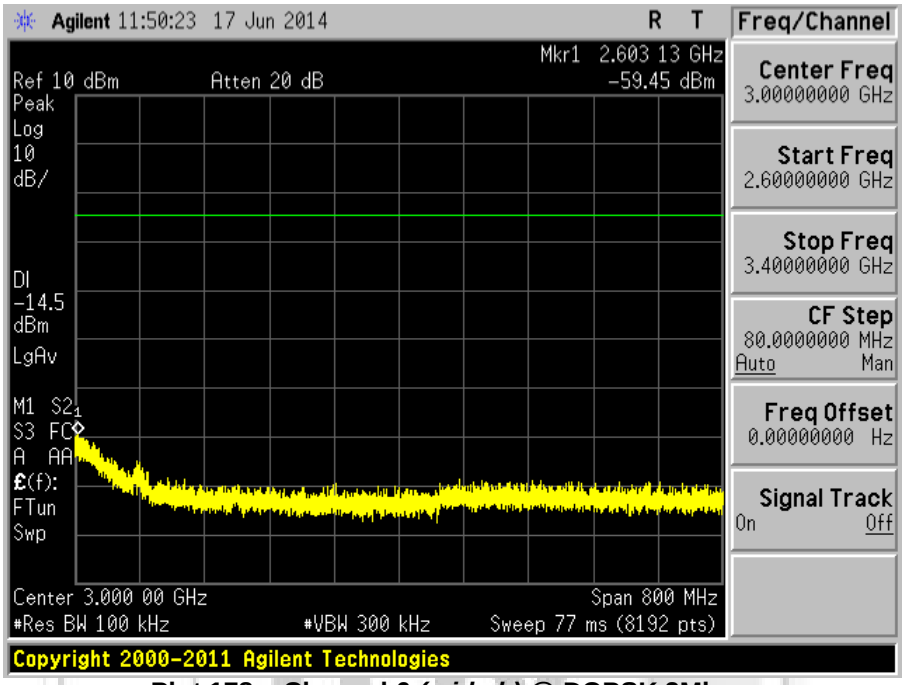


Plot 176 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

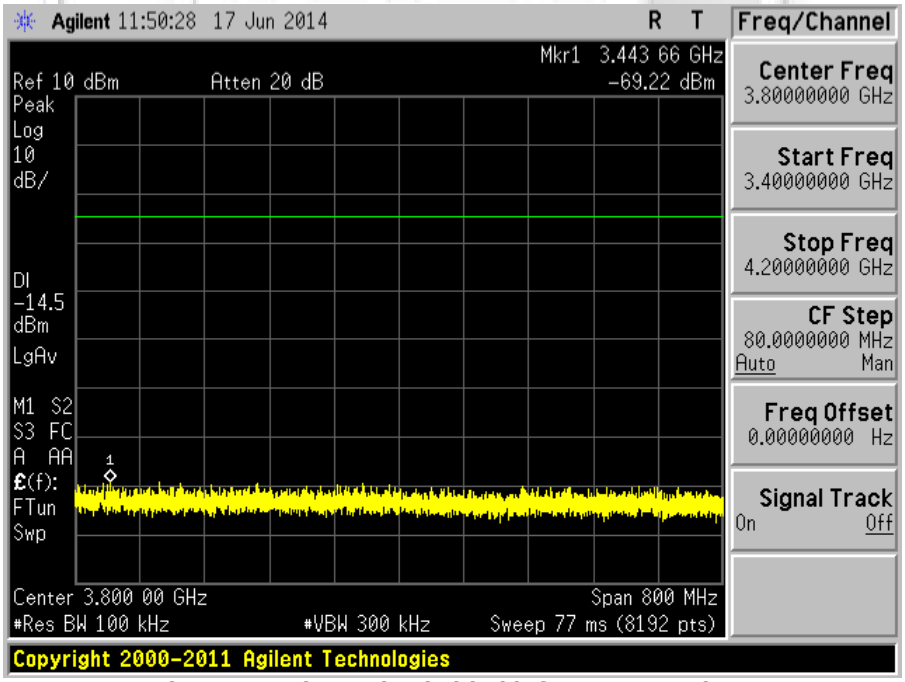


Plot 177 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

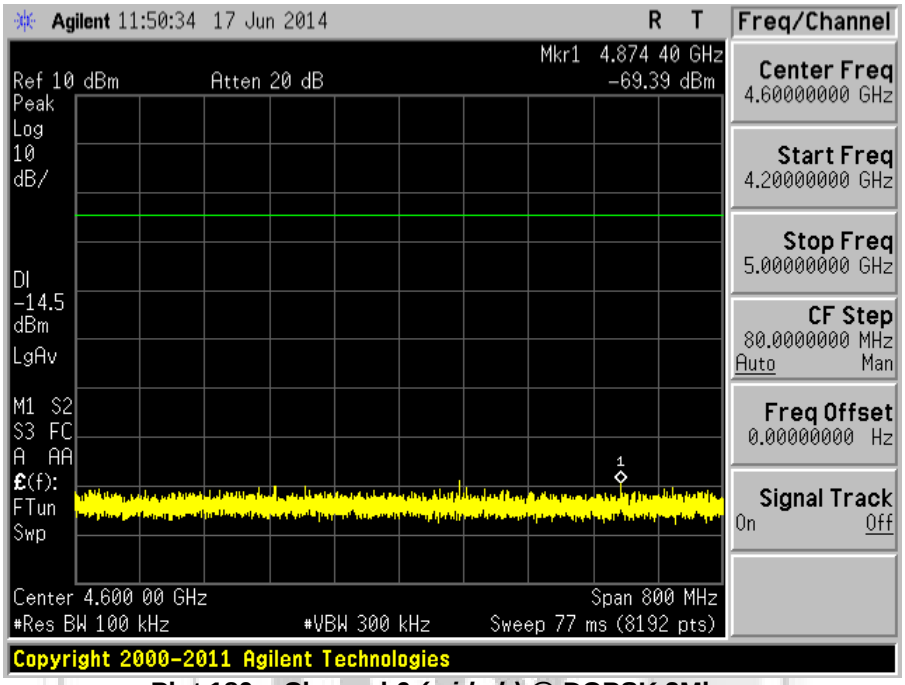


Plot 178 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

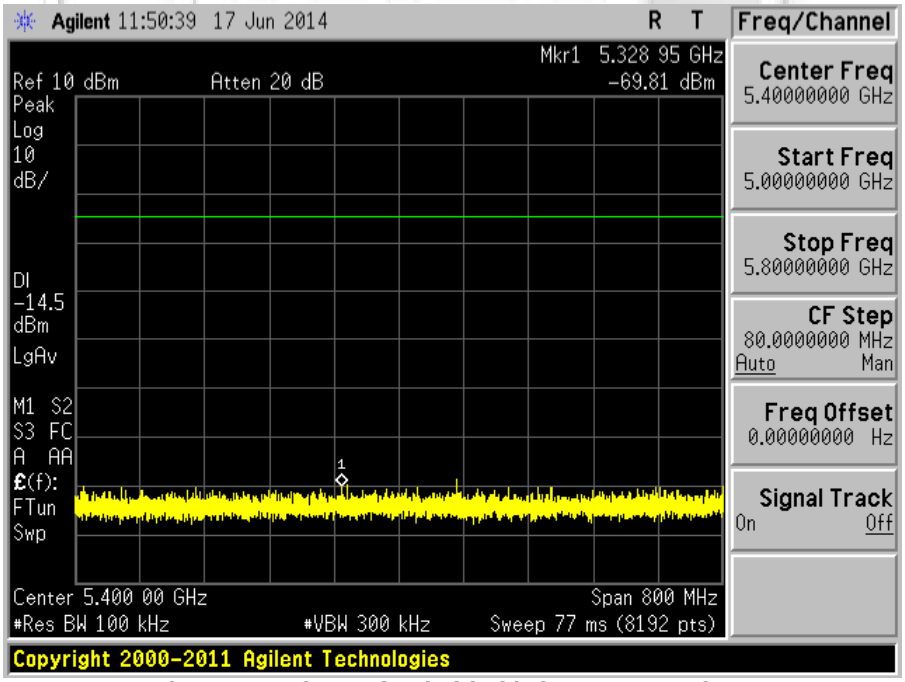


Plot 179 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

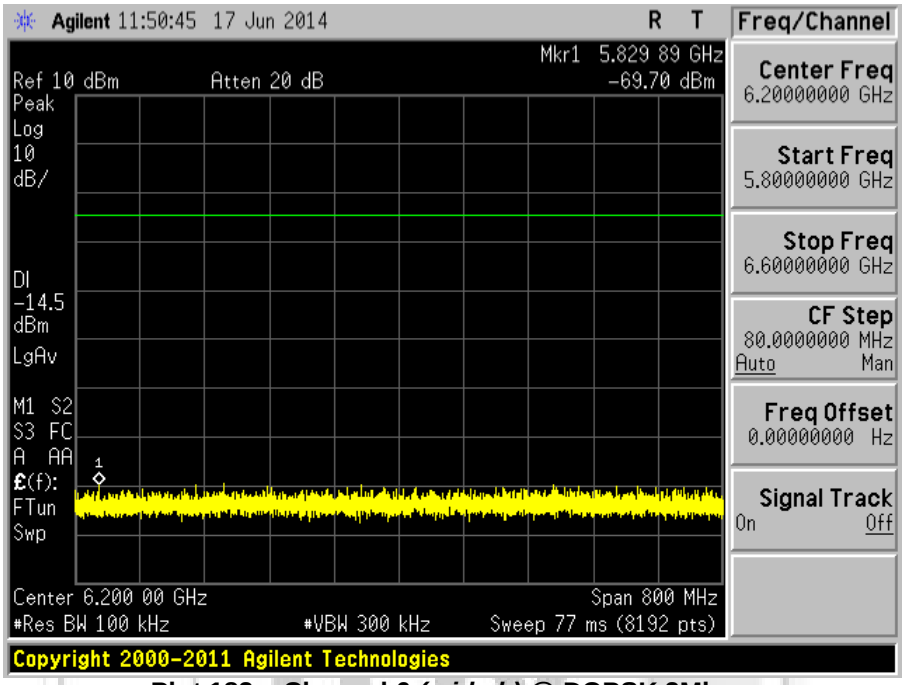


Plot 180 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

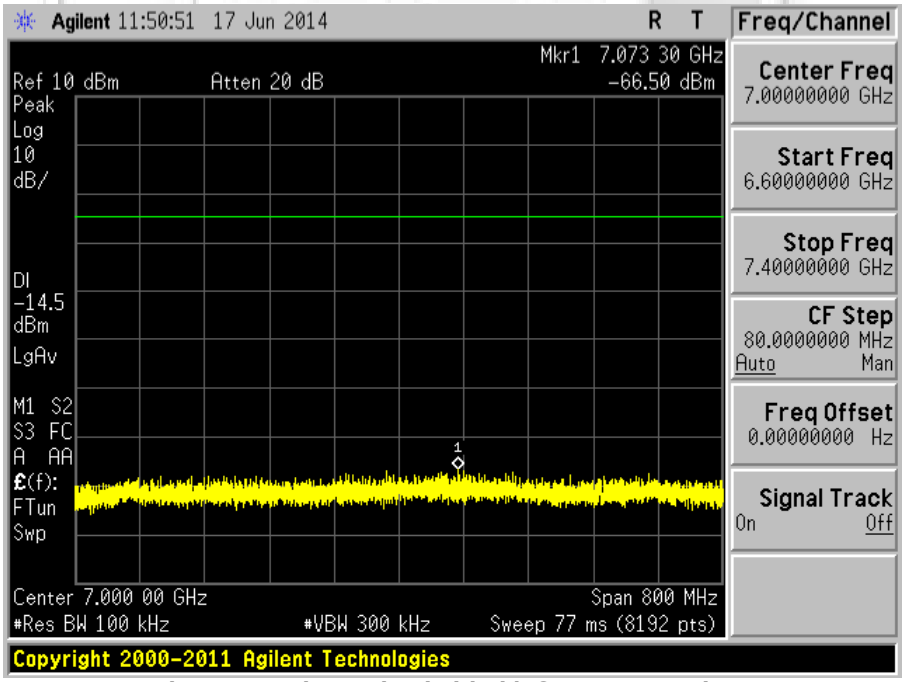


Plot 181 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

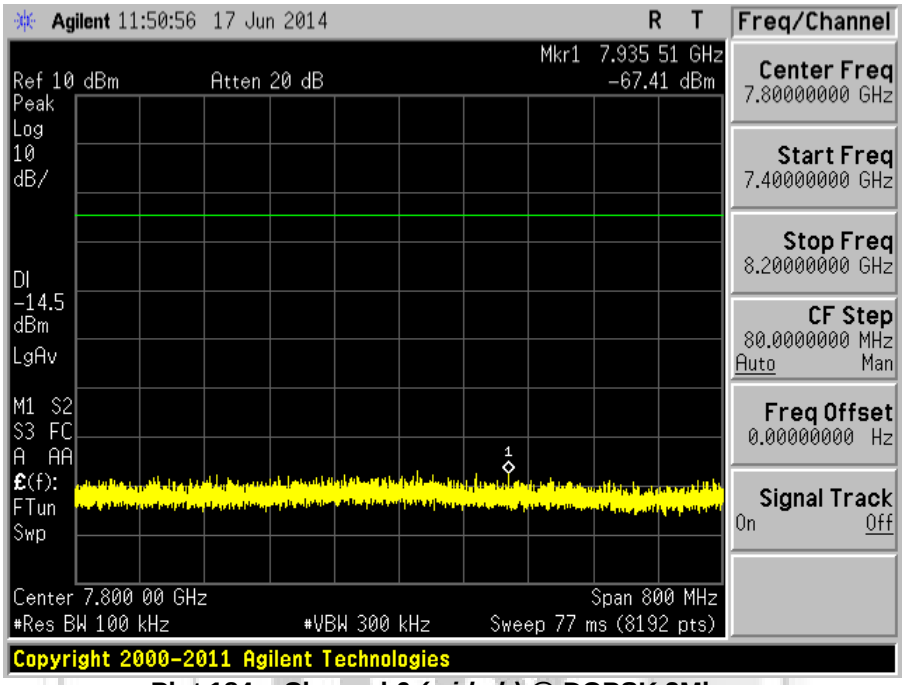


Plot 182 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

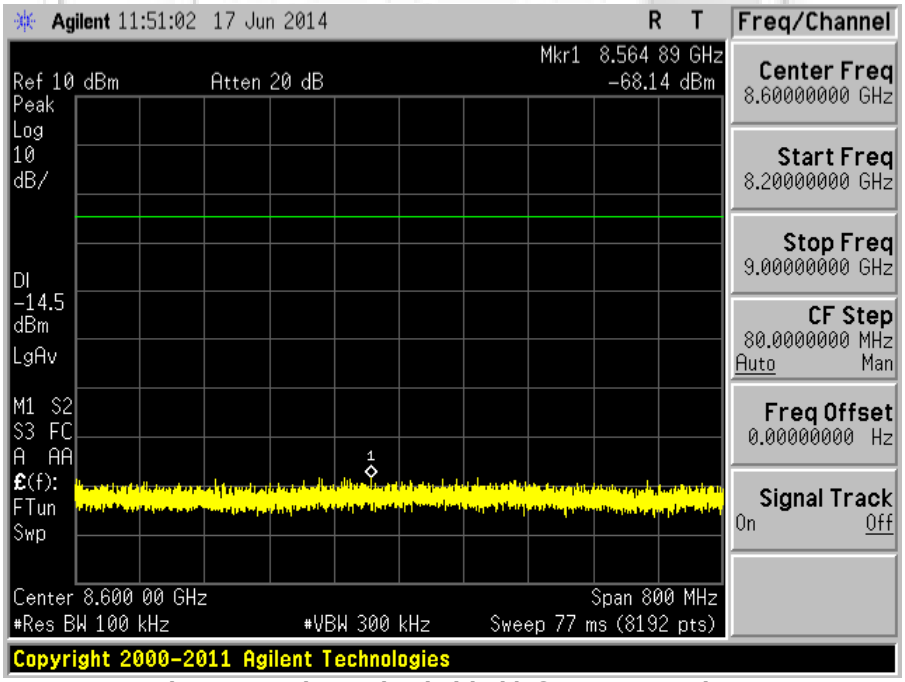


Plot 183 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

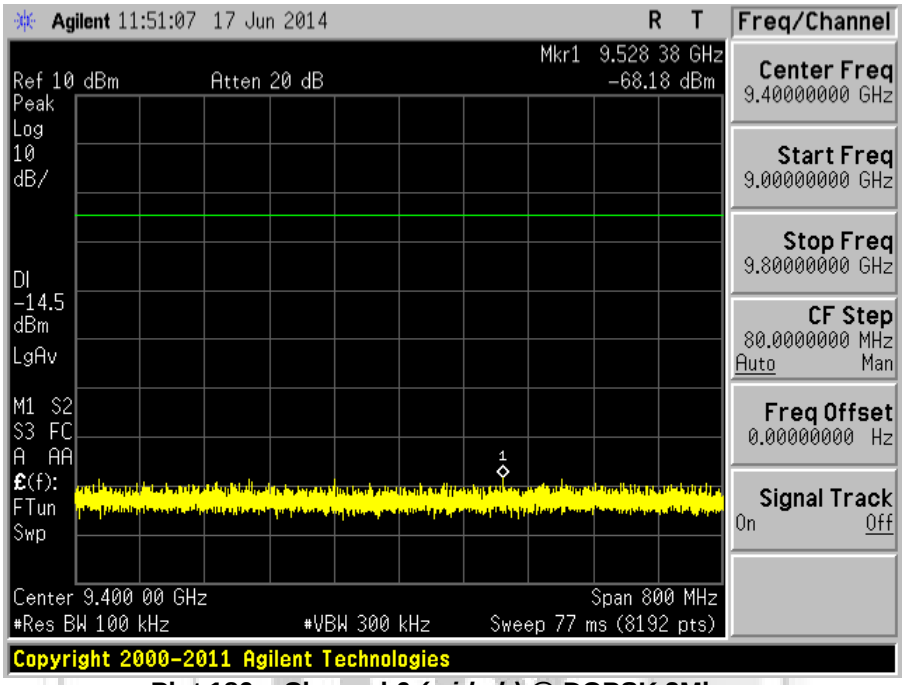


Plot 184 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

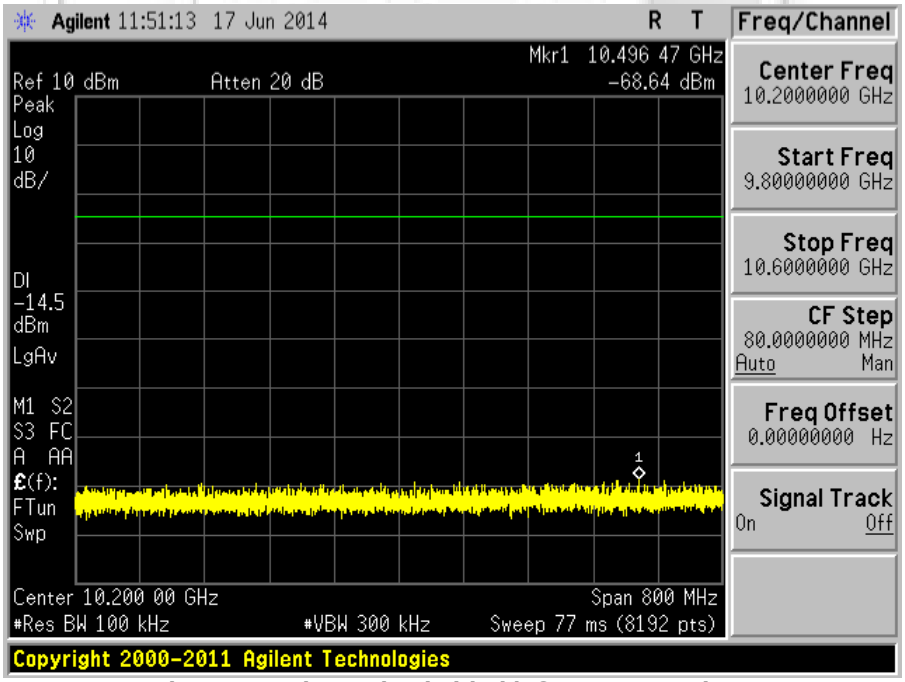


Plot 185 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

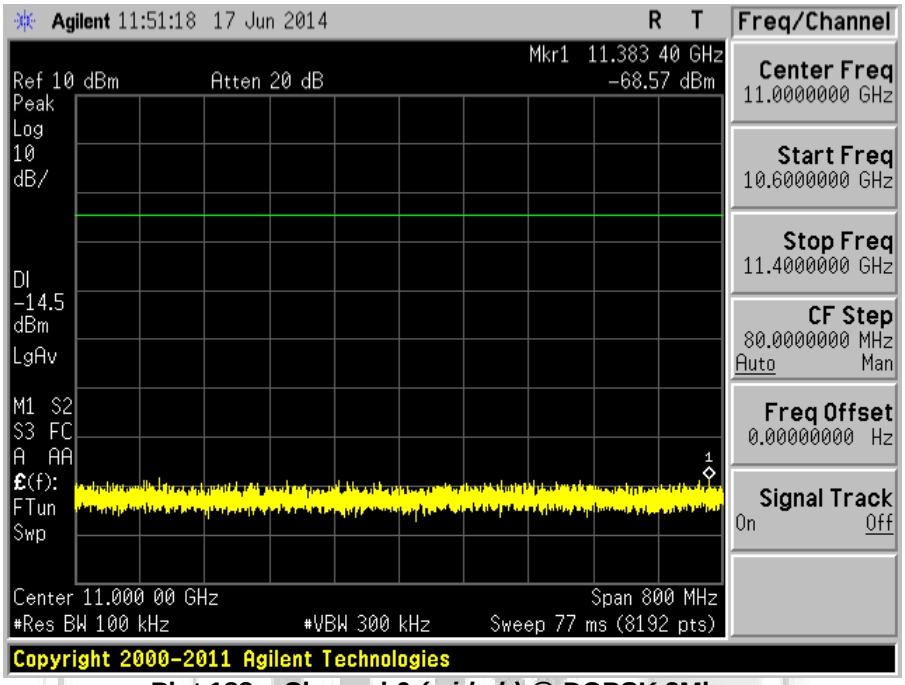


Plot 186 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

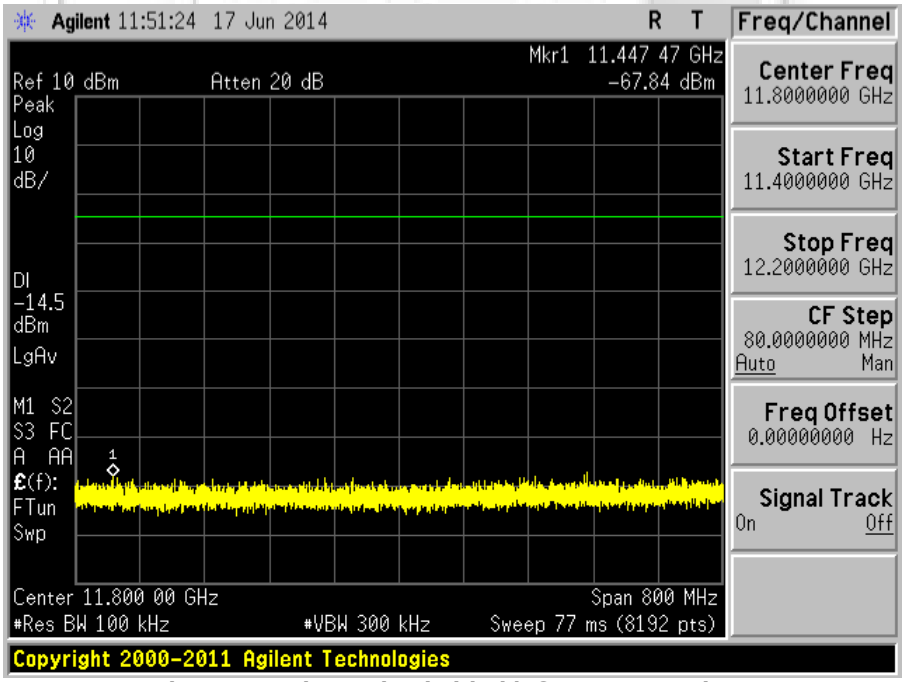


Plot 187 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

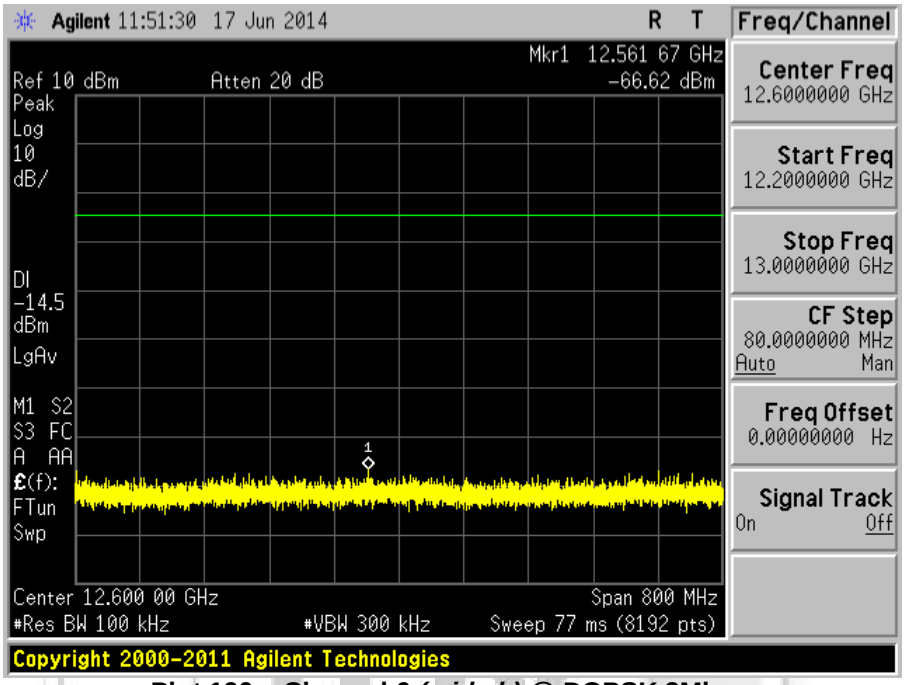


Plot 188 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

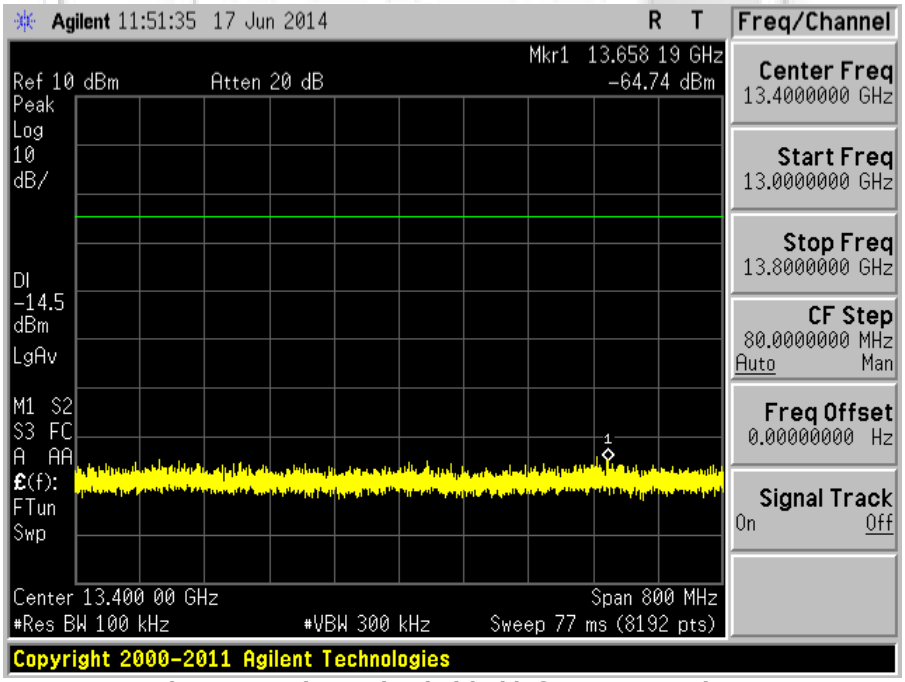


Plot 189 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

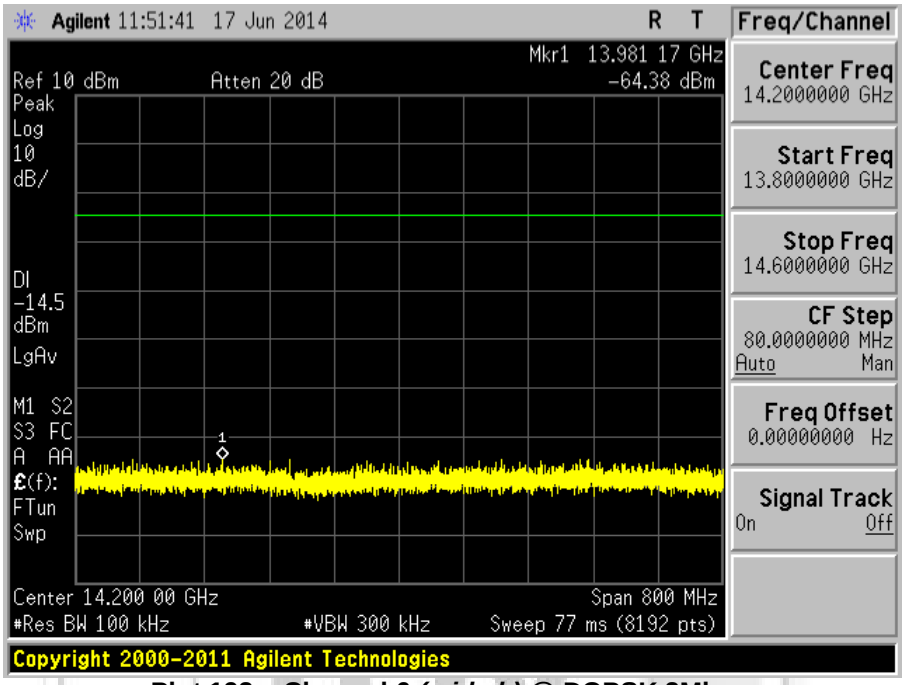


Plot 190 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

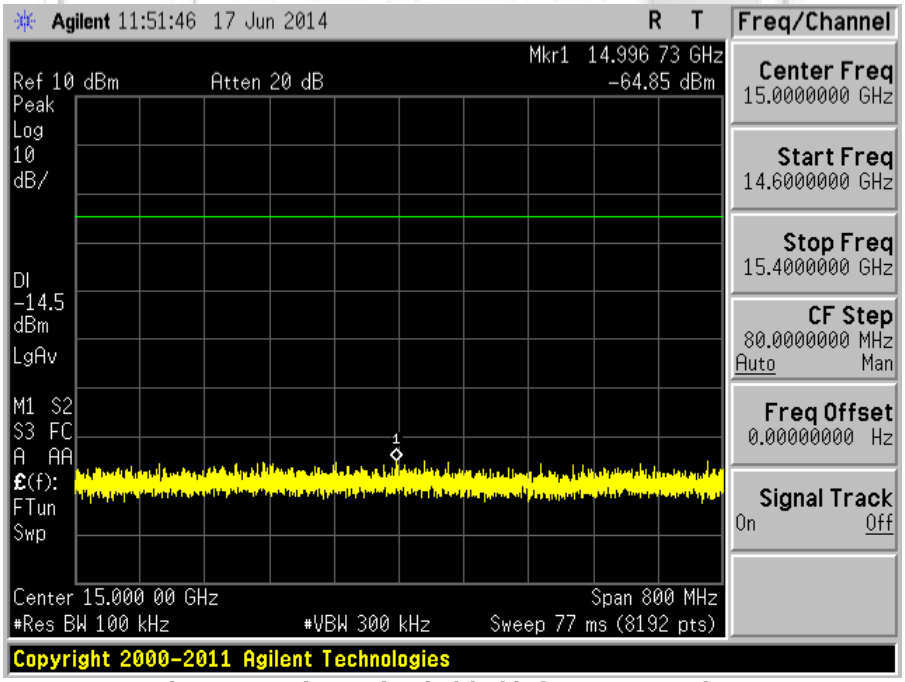


Plot 191 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

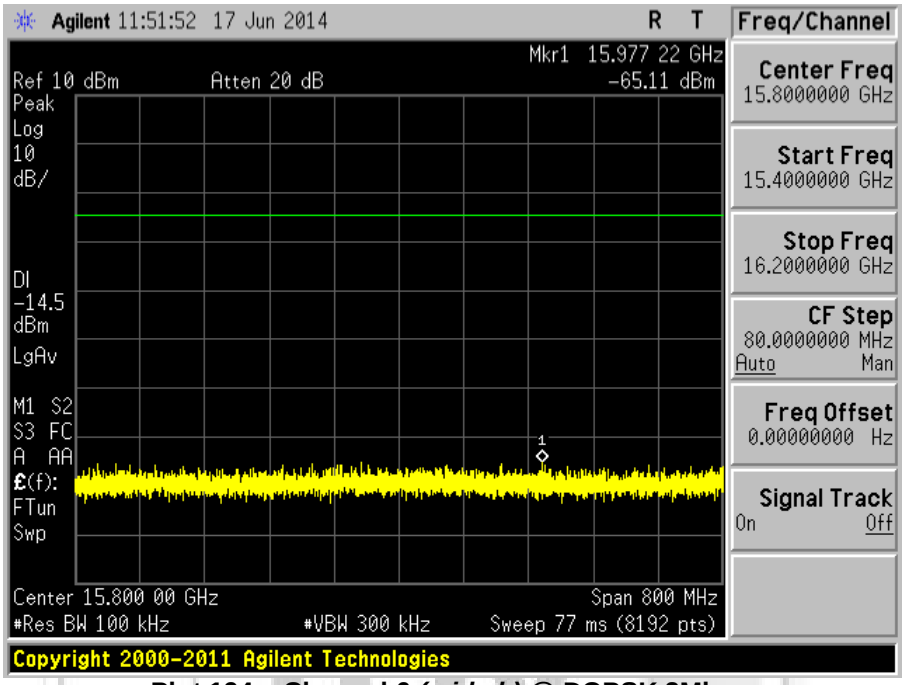


Plot 192 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

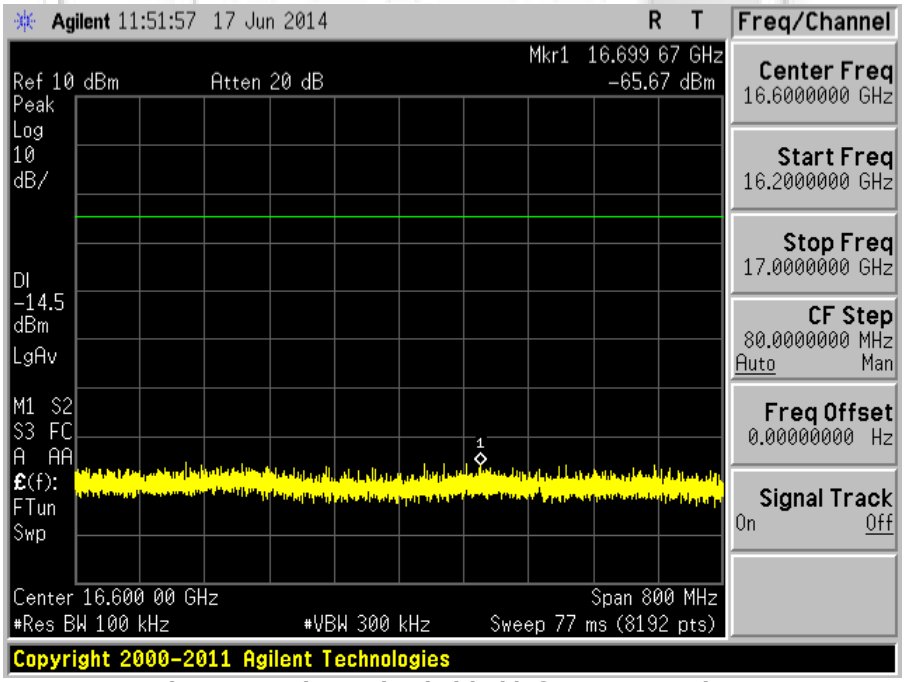


Plot 193 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

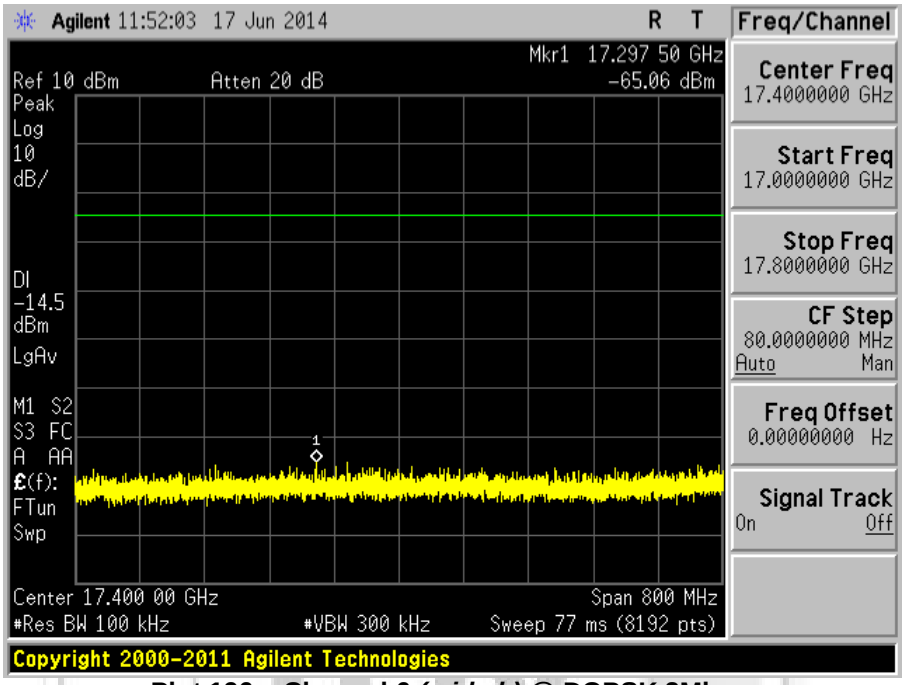


Plot 194 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

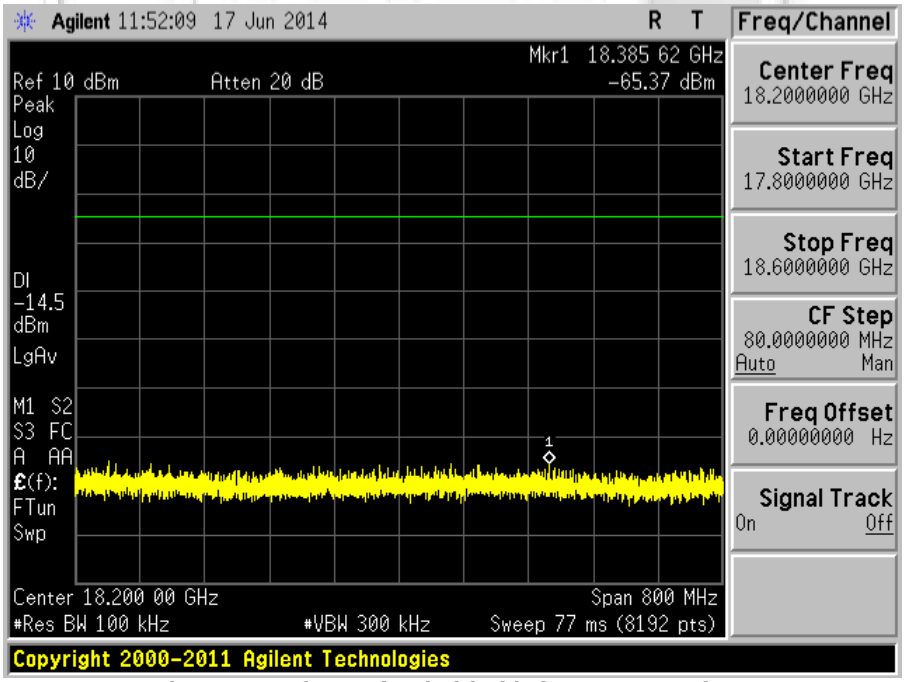


Plot 195 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

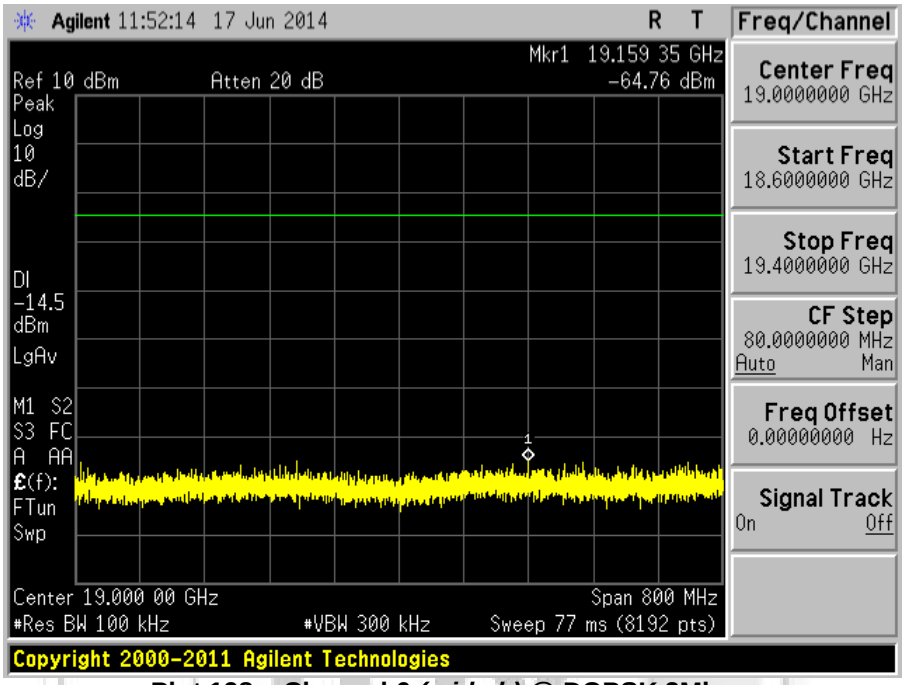


Plot 196 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

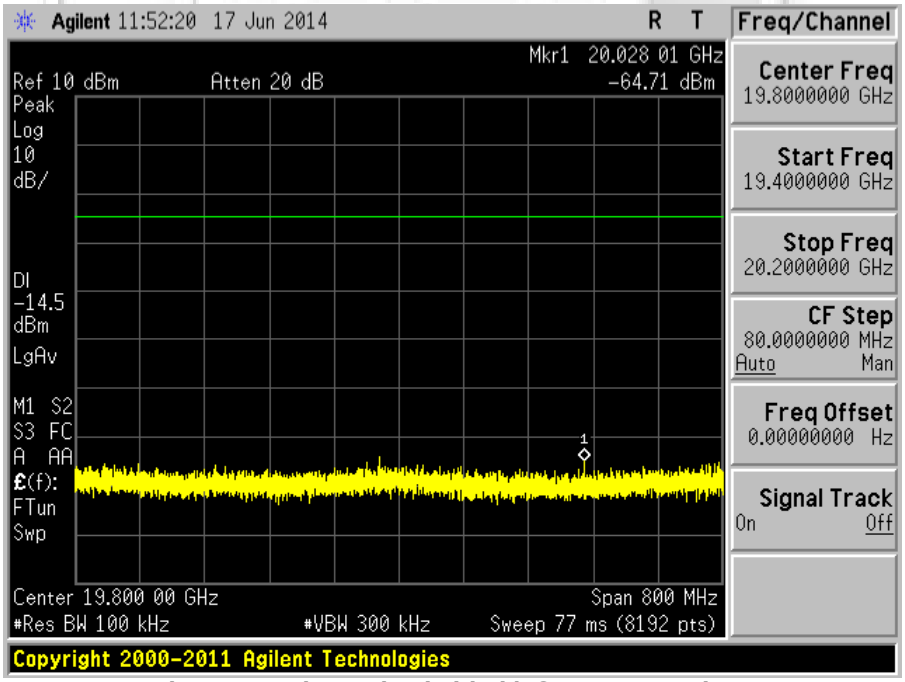


Plot 197 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

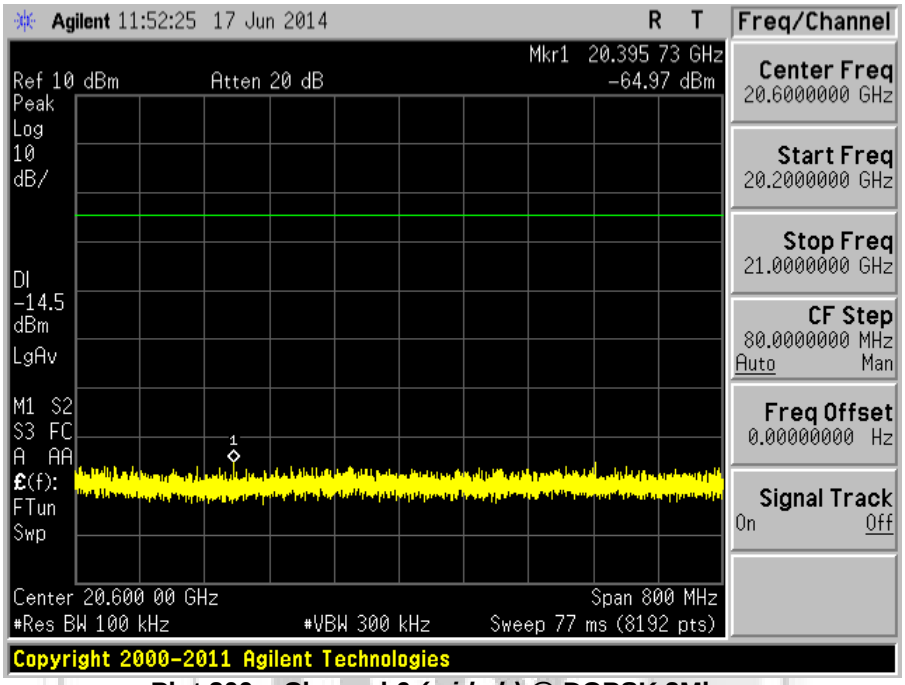


Plot 198 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

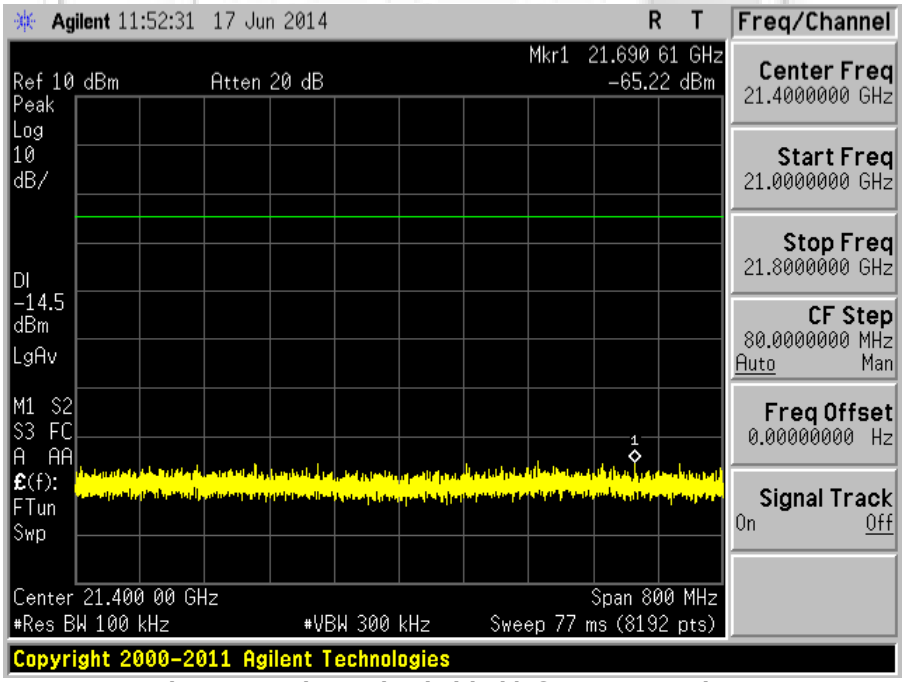


Plot 199 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

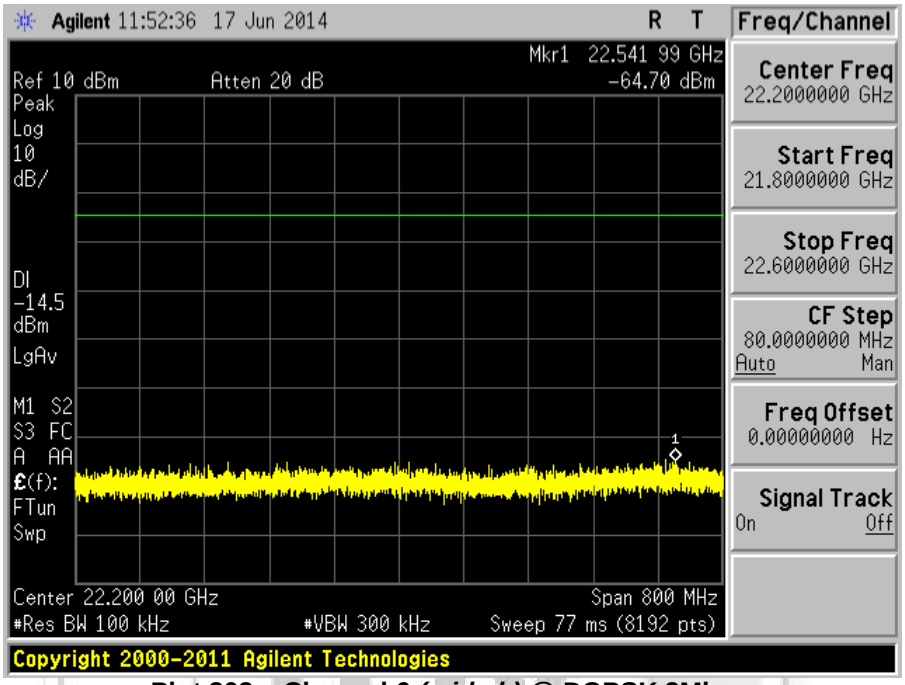


Plot 200 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

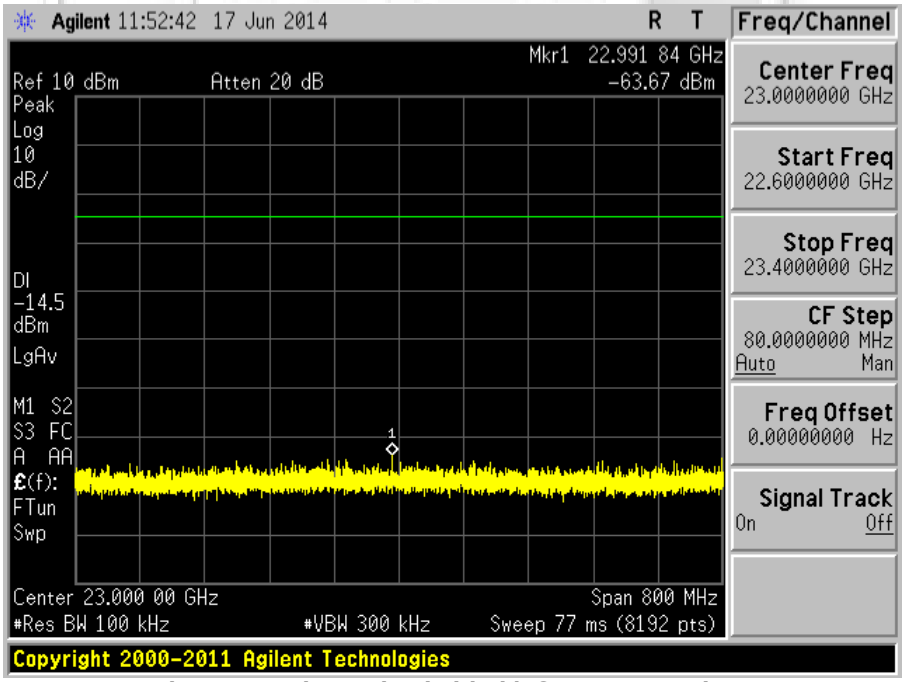


Plot 201 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

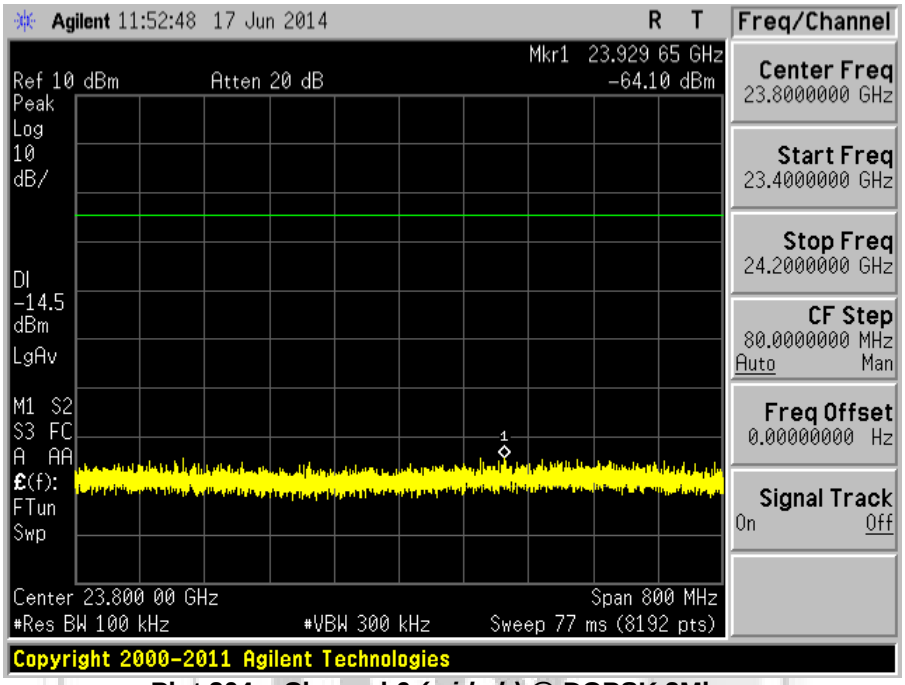


Plot 202 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

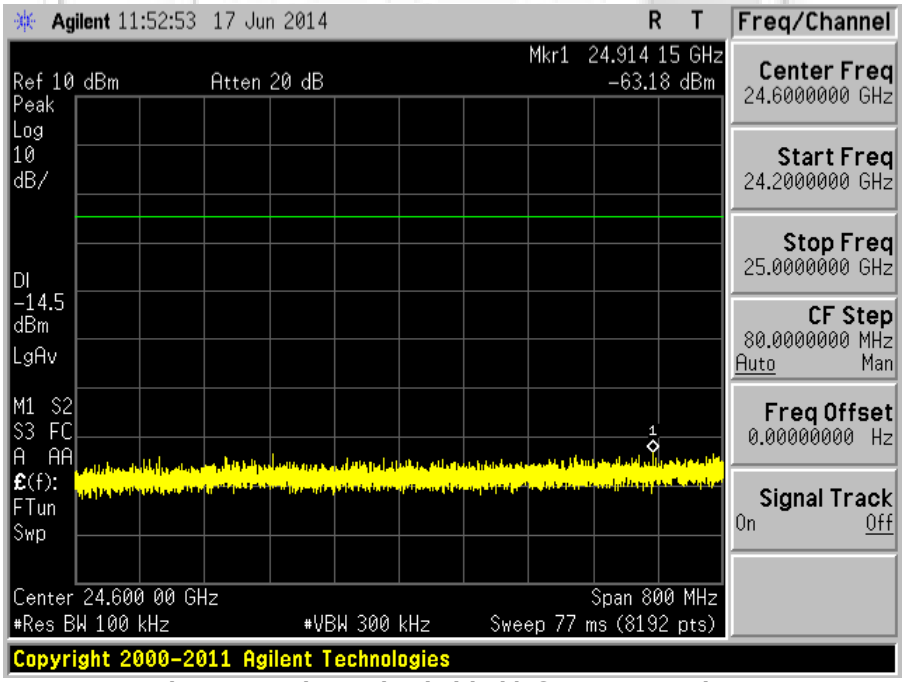


Plot 203 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

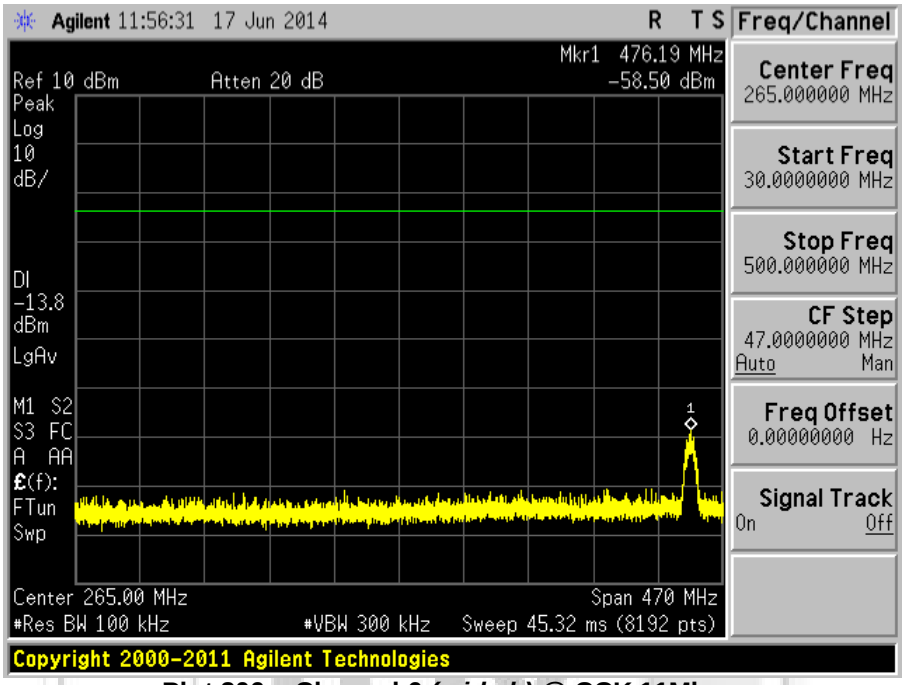


Plot 204 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

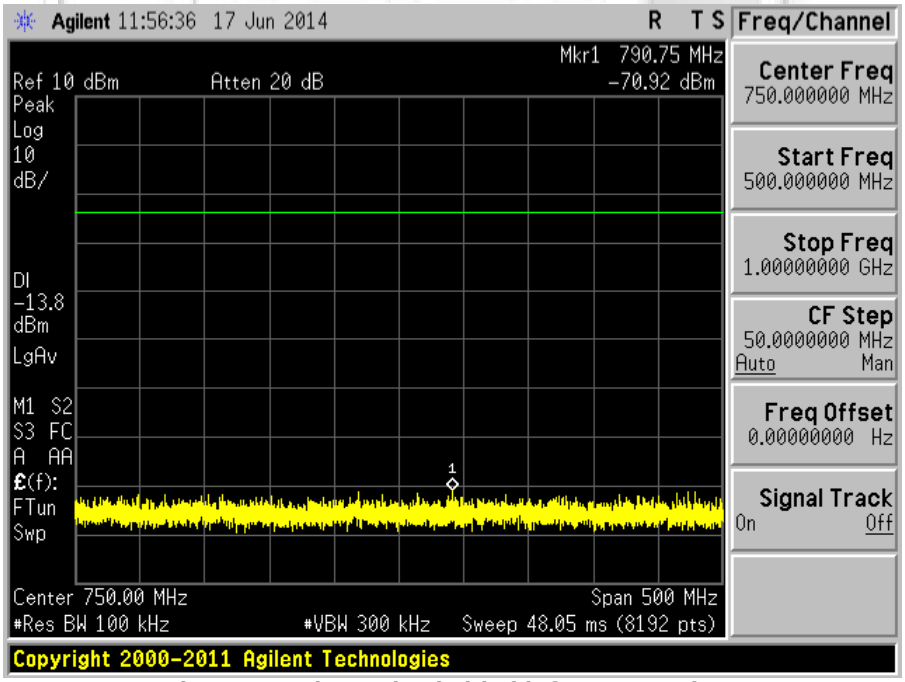


Plot 205 – Channel 6 *(mid ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

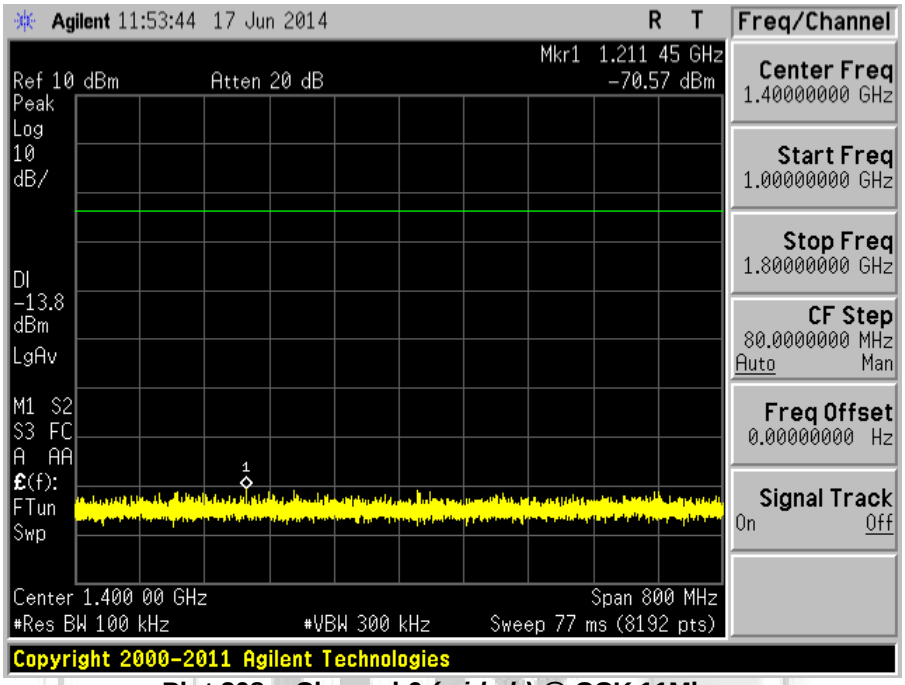


Plot 206 – Channel 6 *(mid ch)* @ CCK 11Mbps

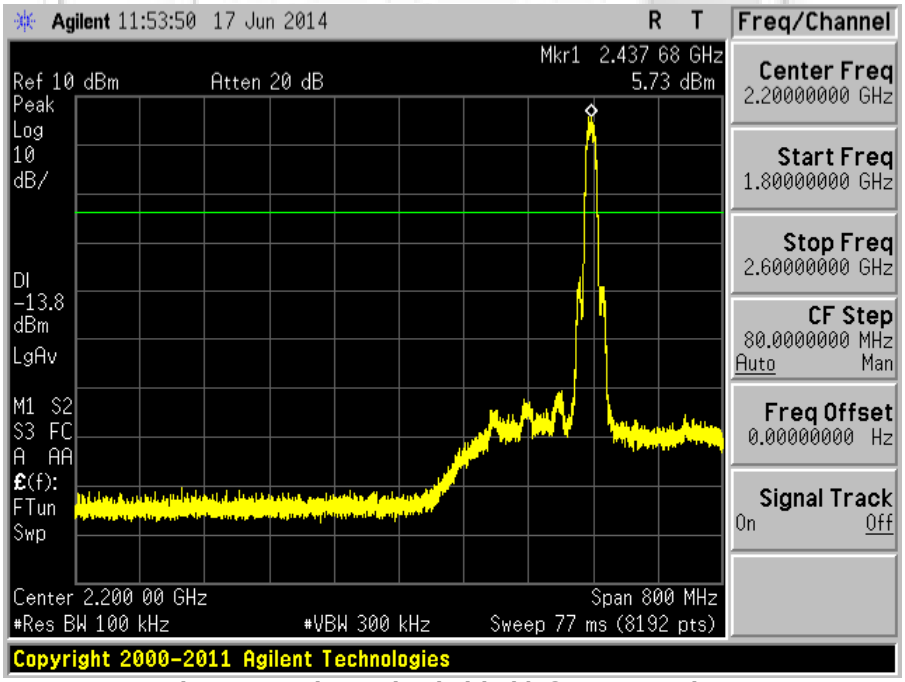


Plot 207 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

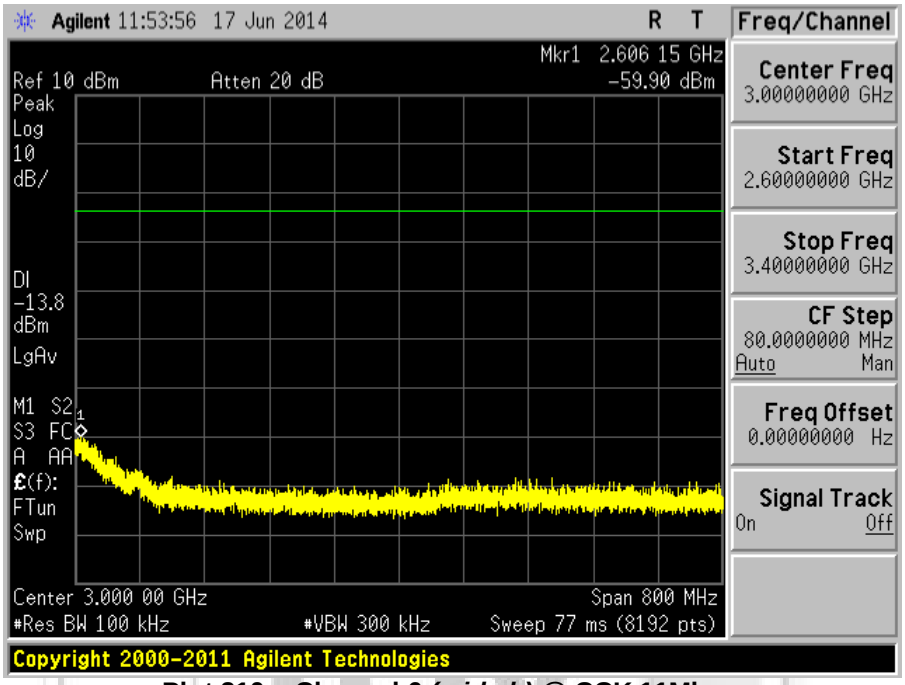


Plot 208 – Channel 6 *(mid ch)* @ CCK 11Mbps

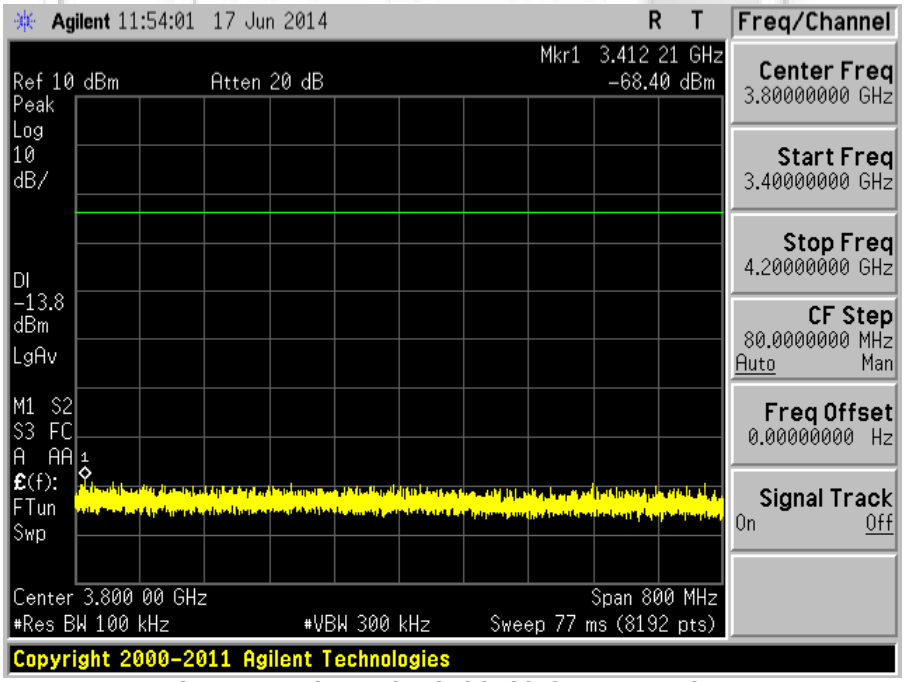


Plot 209 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

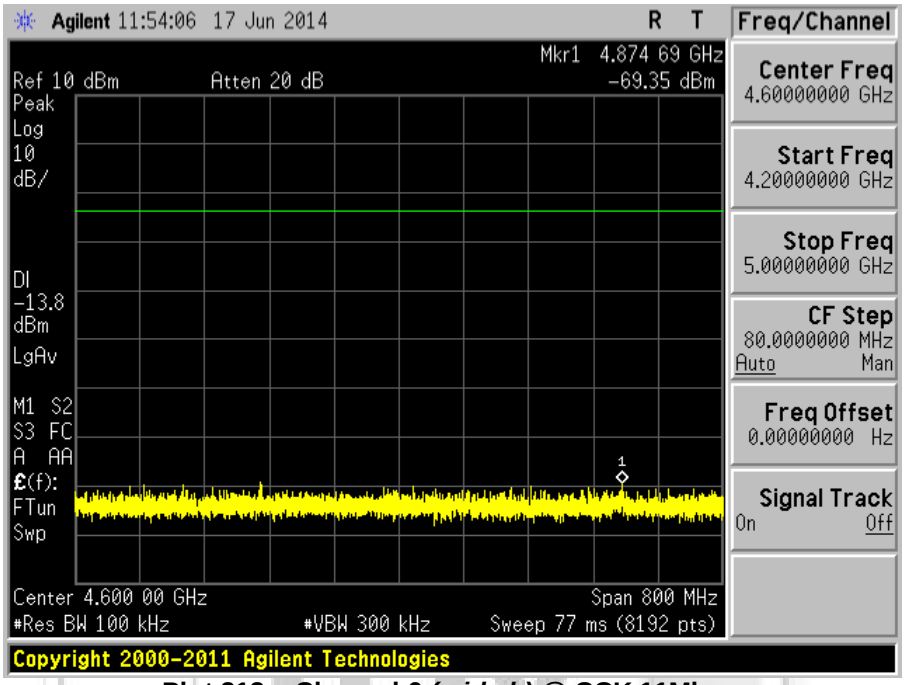


Plot 210 – Channel 6 *(mid ch)* @ CCK 11Mbps

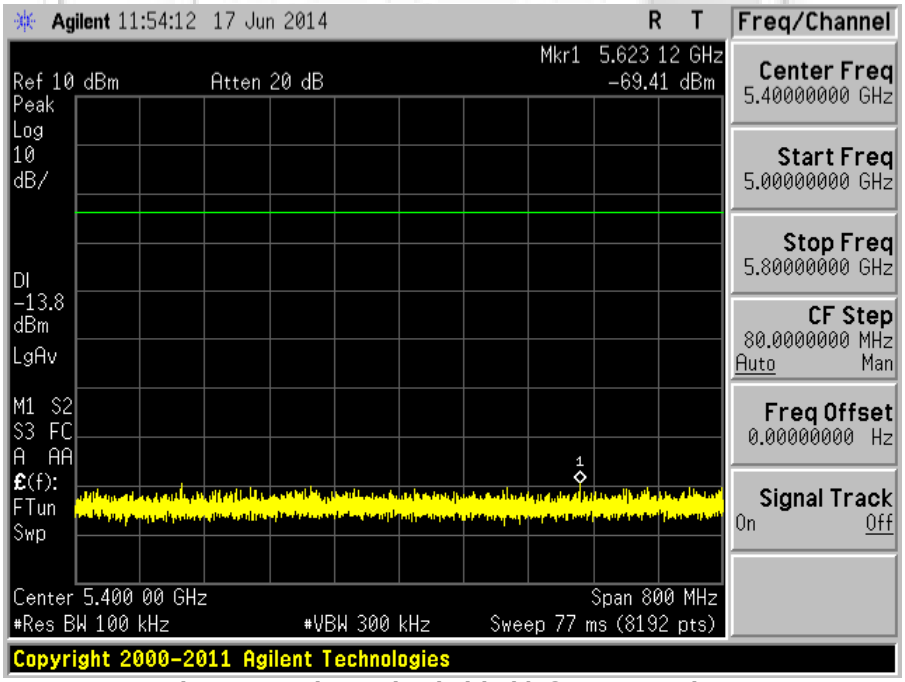


Plot 211 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

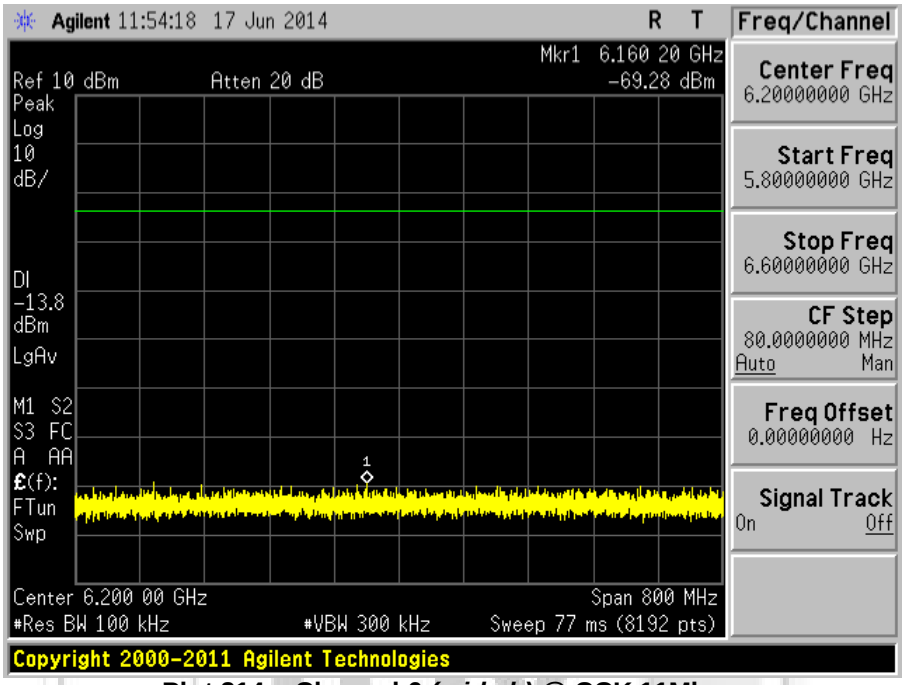


Plot 212 – Channel 6 *(mid ch)* @ CCK 11Mbps

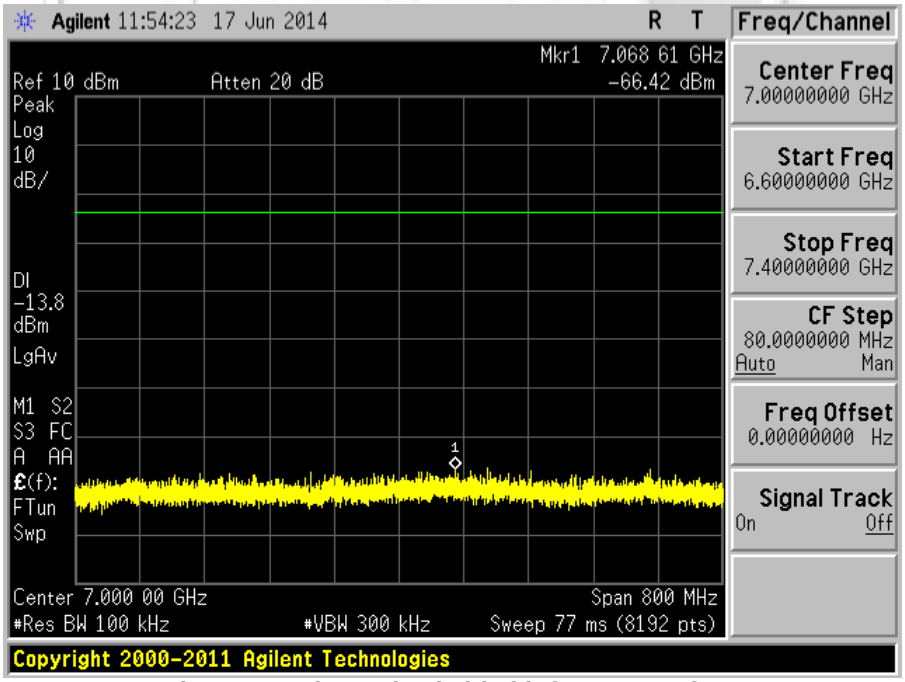


Plot 213 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

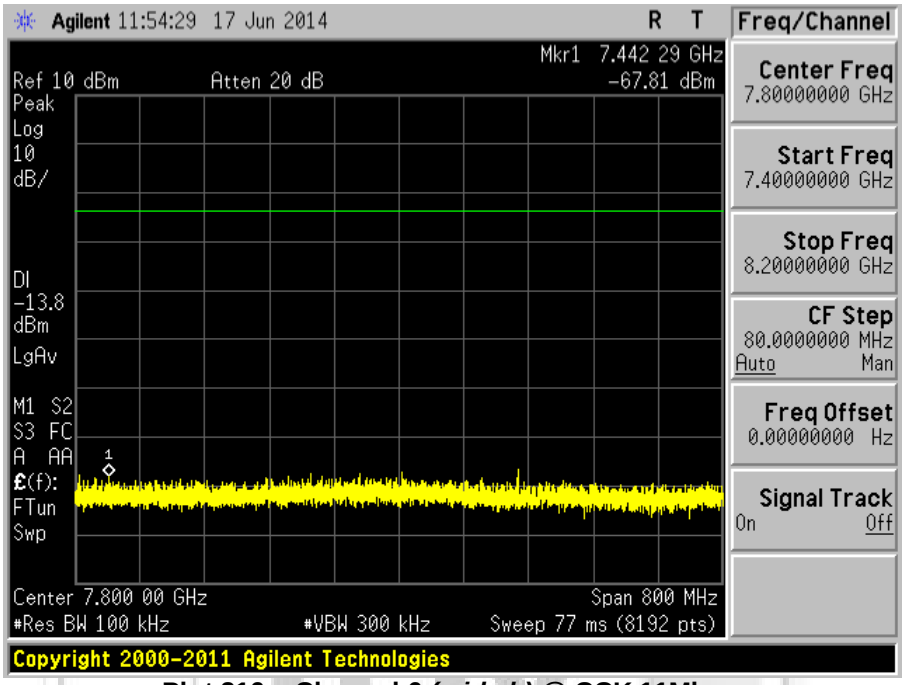


Plot 214 – Channel 6 *(mid ch)* @ CCK 11Mbps

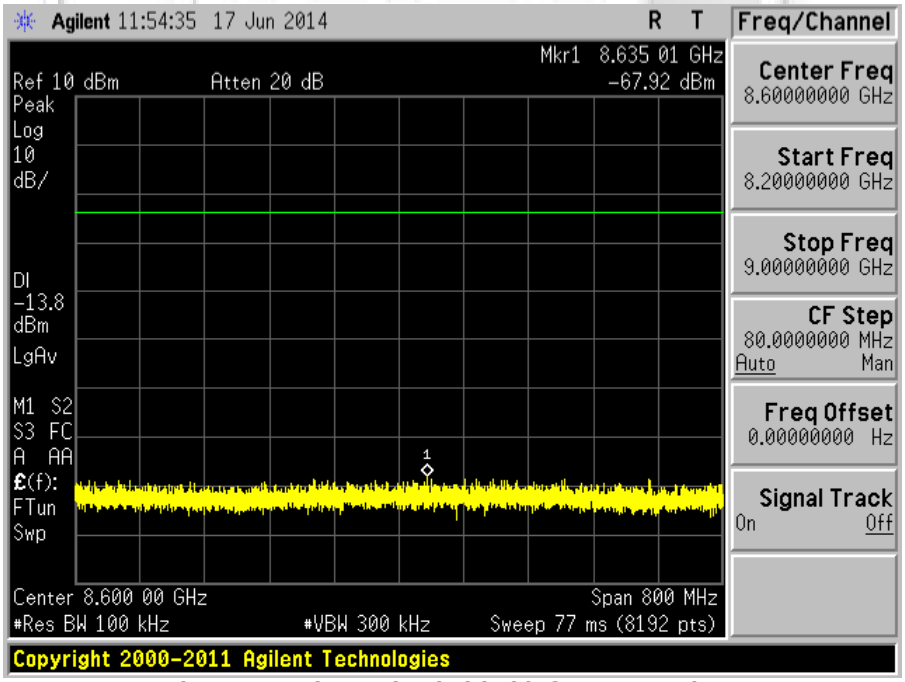


Plot 215 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

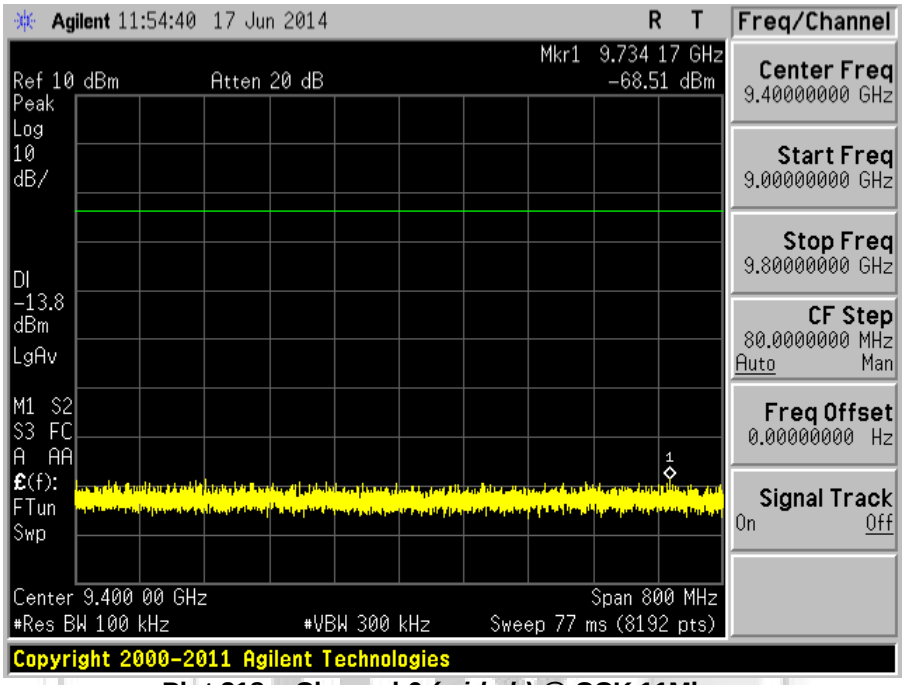


Plot 216 – Channel 6 *(mid ch)* @ CCK 11Mbps

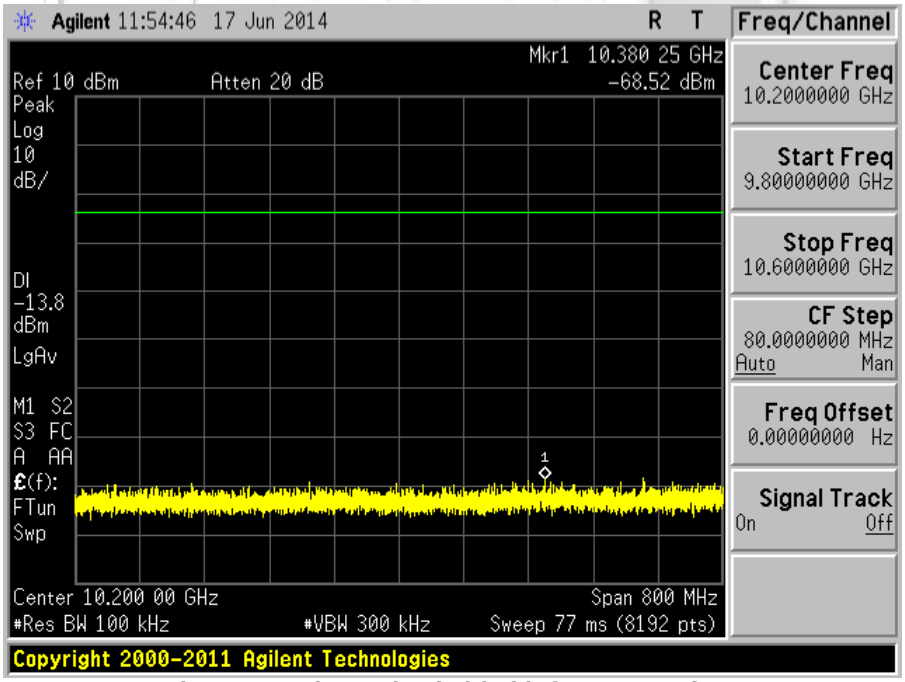


Plot 217 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

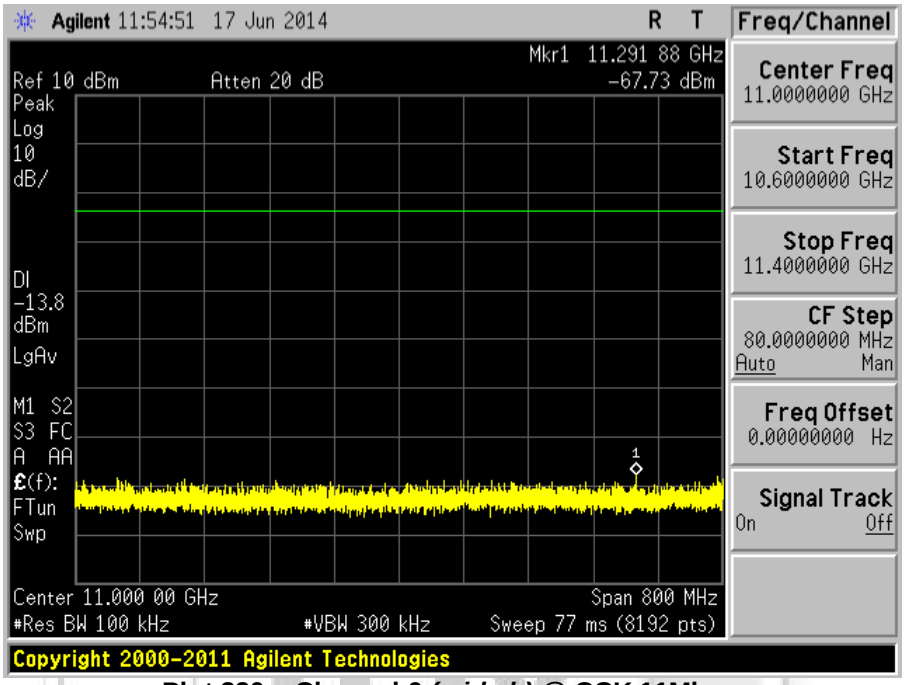


Plot 218 – Channel 6 *(mid ch)* @ CCK 11Mbps

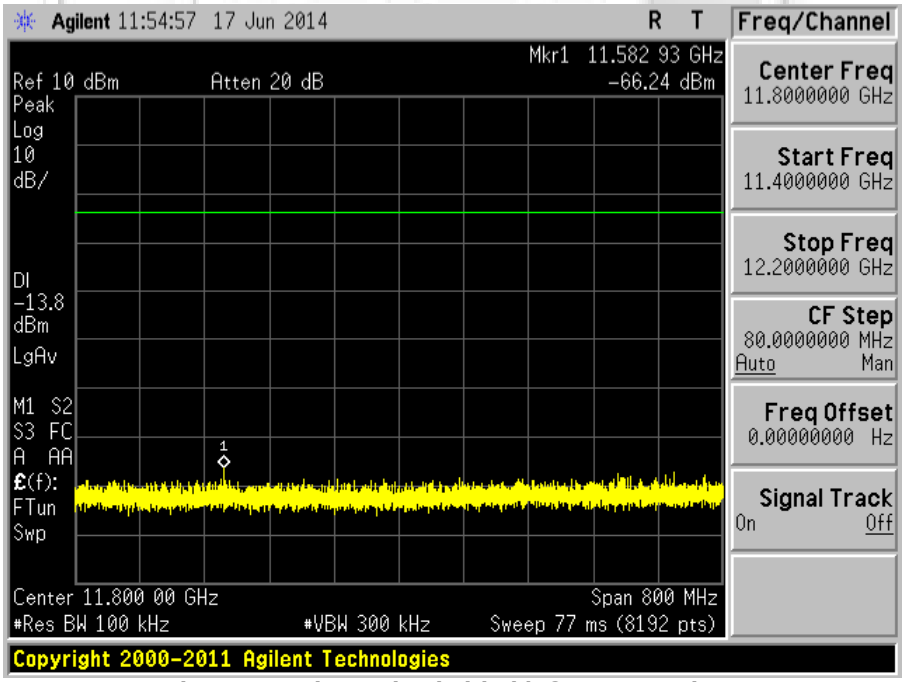


Plot 219 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

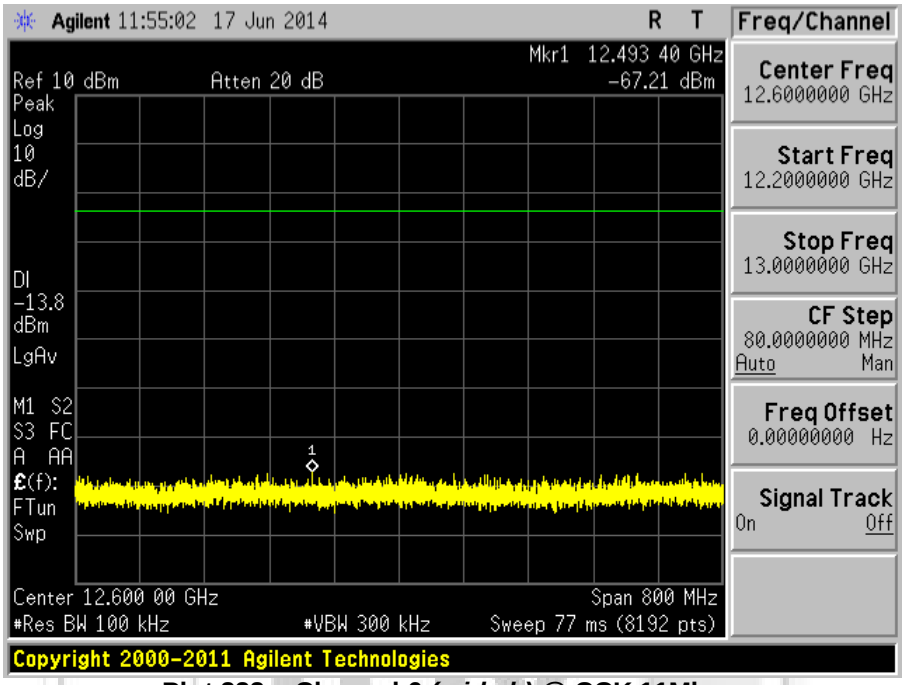


Plot 220 – Channel 6 *(mid ch)* @ CCK 11Mbps

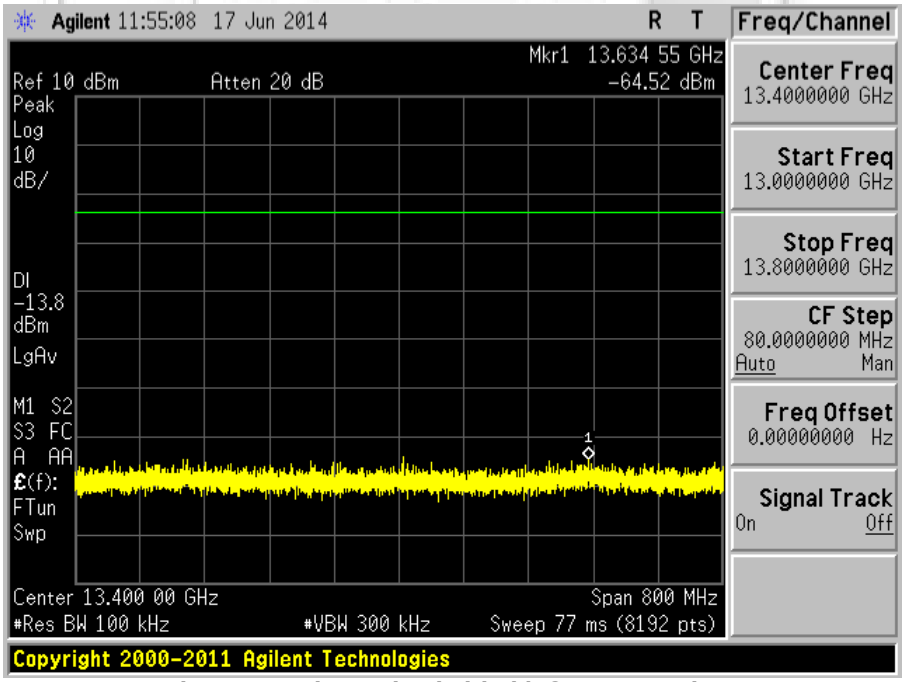


Plot 221 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

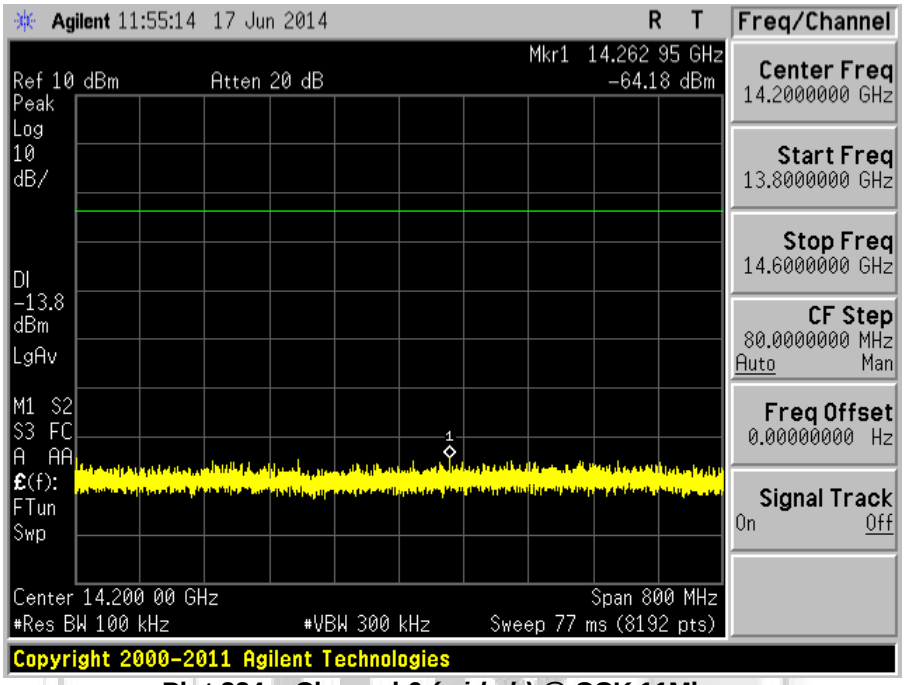


Plot 222 – Channel 6 *(mid ch)* @ CCK 11Mbps

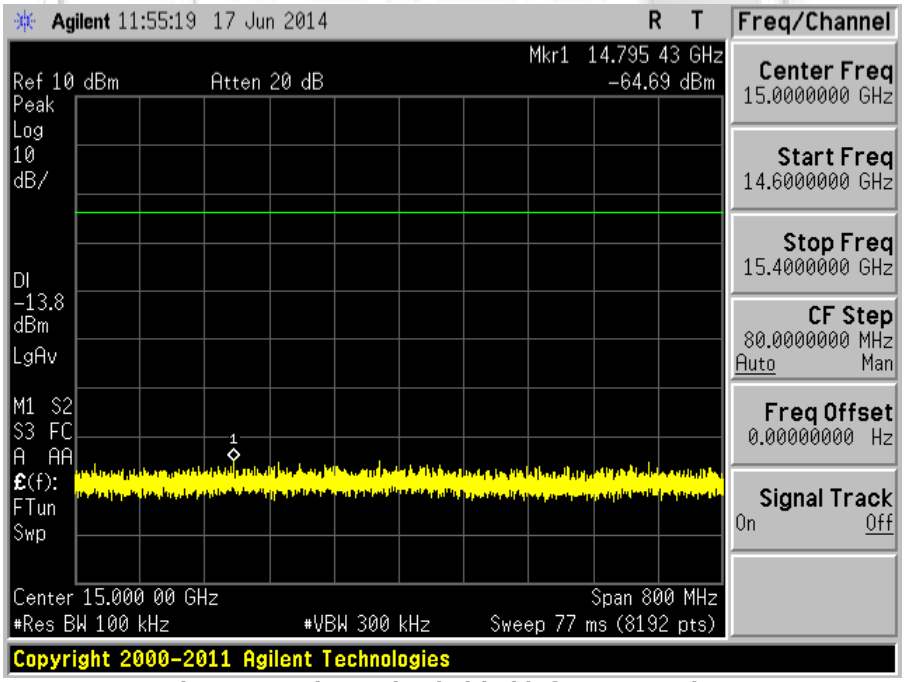


Plot 223 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

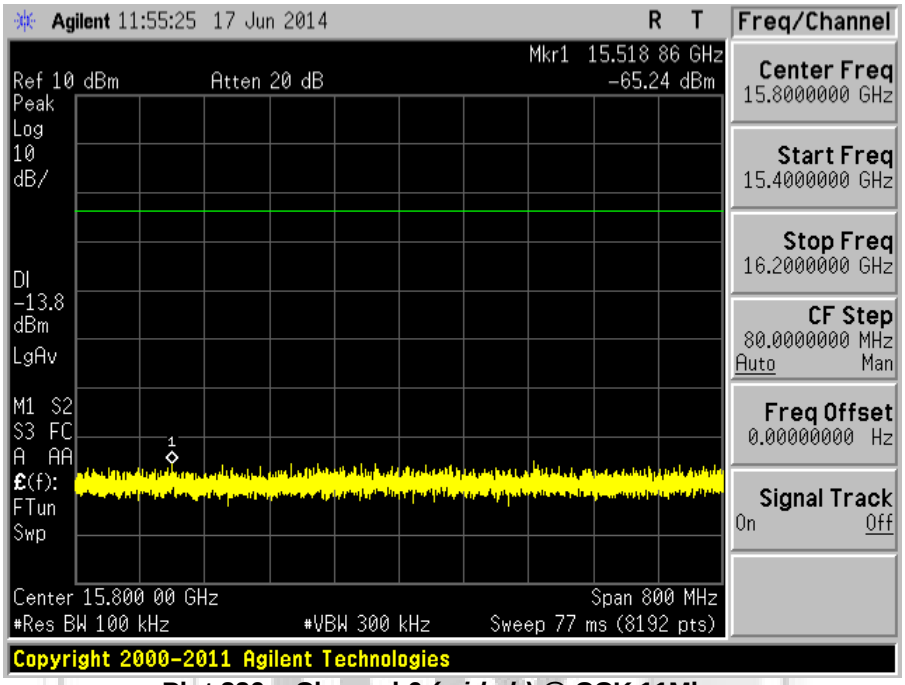


Plot 224 – Channel 6 *(mid ch)* @ CCK 11Mbps

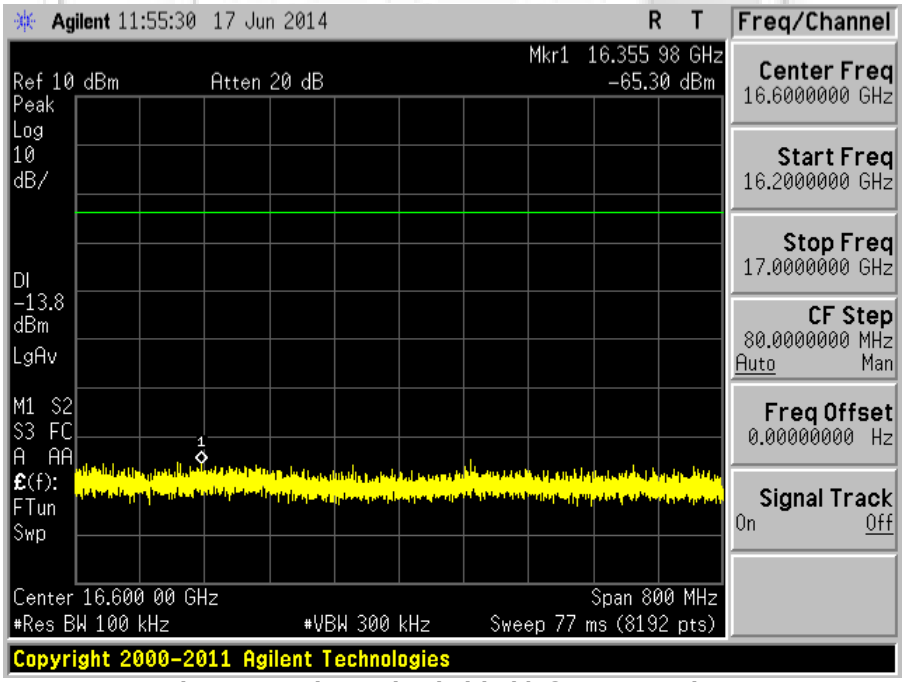


Plot 225 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

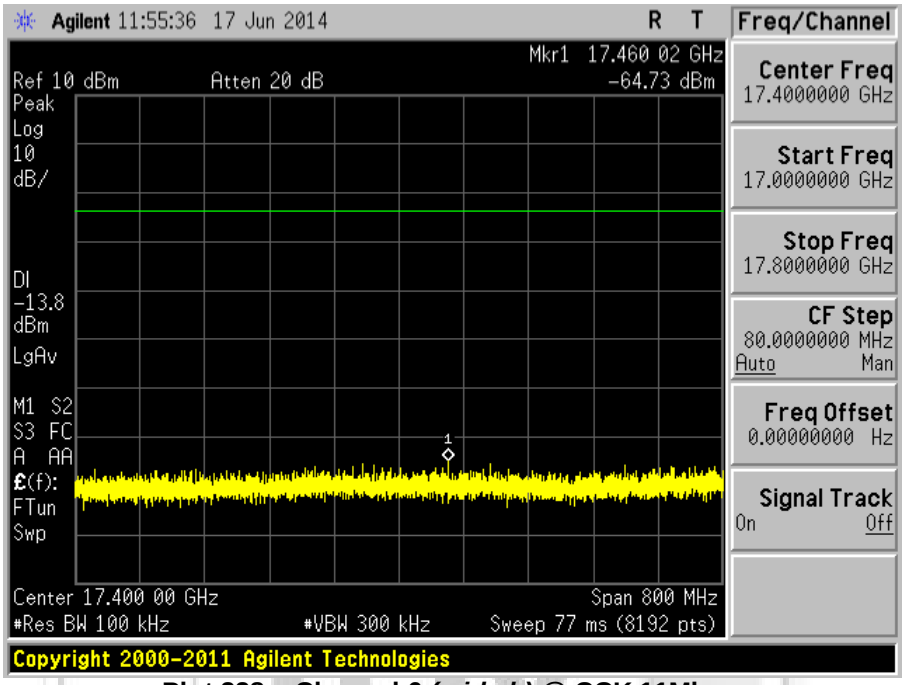


Plot 226 – Channel 6 *(mid ch)* @ CCK 11Mbps

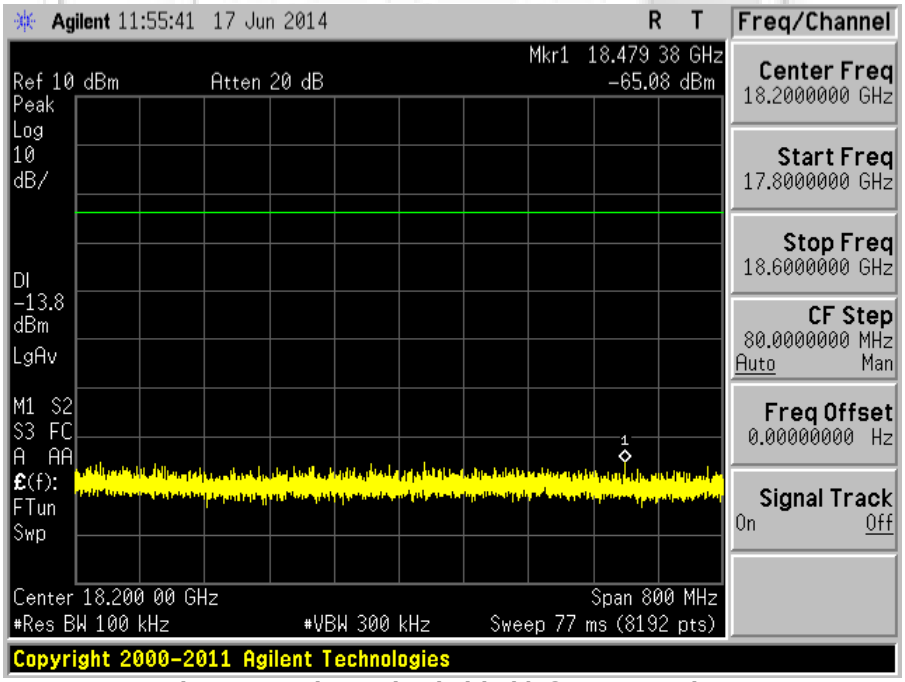


Plot 227 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

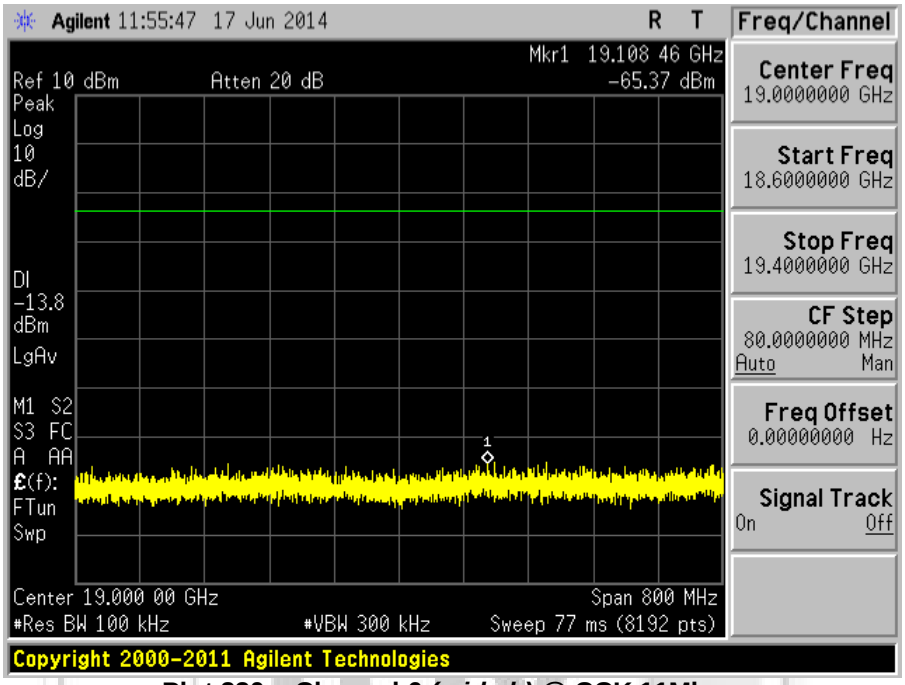


Plot 228 – Channel 6 *(mid ch)* @ CCK 11Mbps

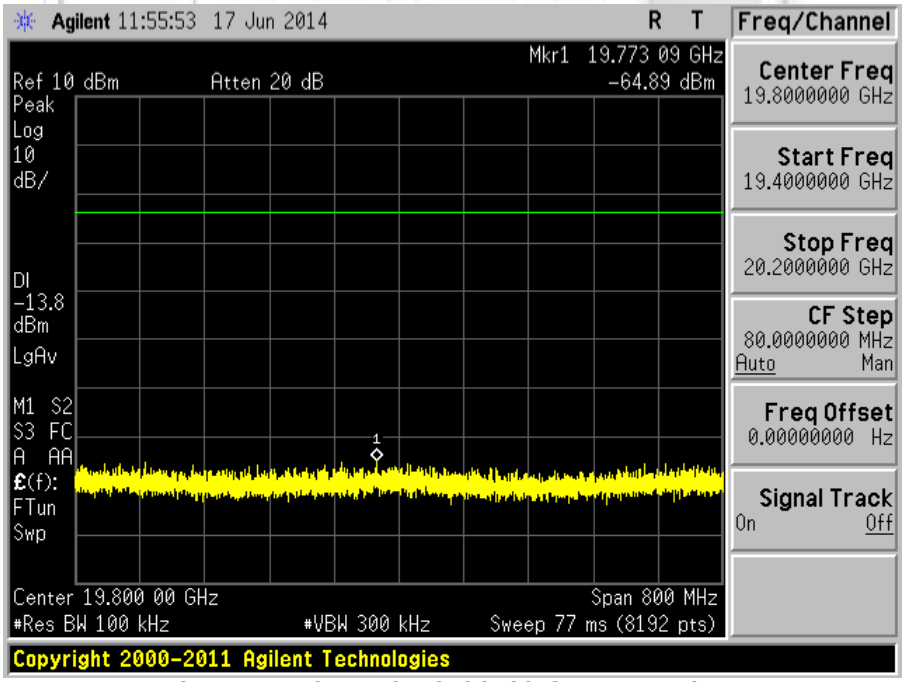


Plot 229 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

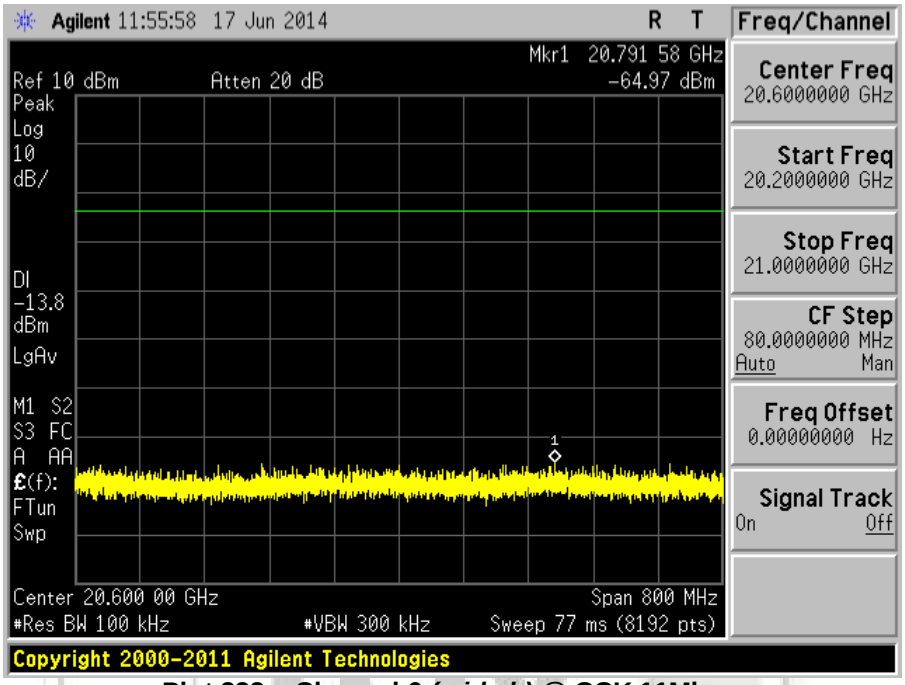


Plot 230 – Channel 6 *(mid ch)* @ CCK 11Mbps

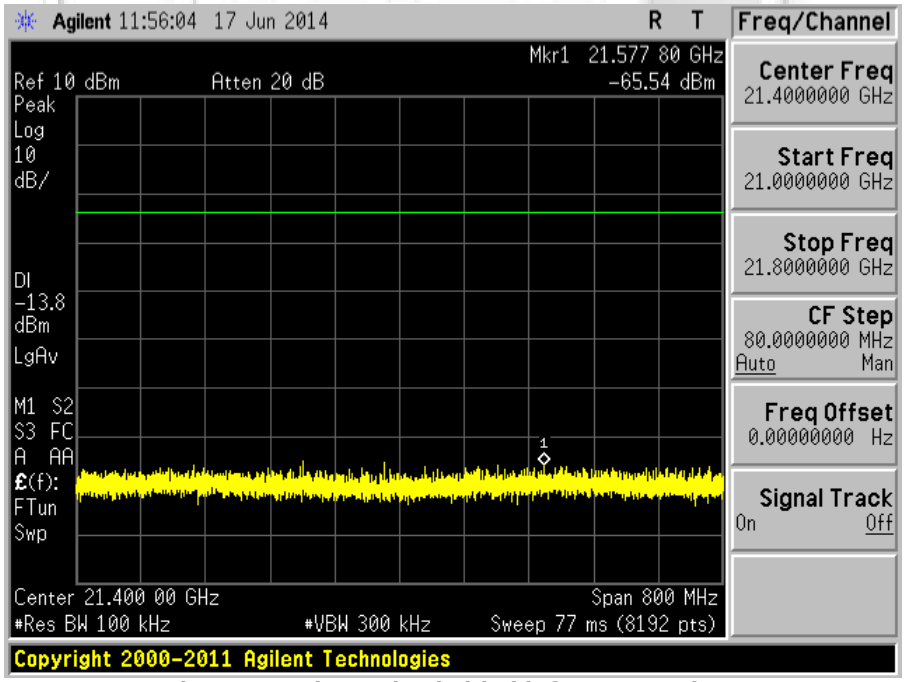


Plot 231 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

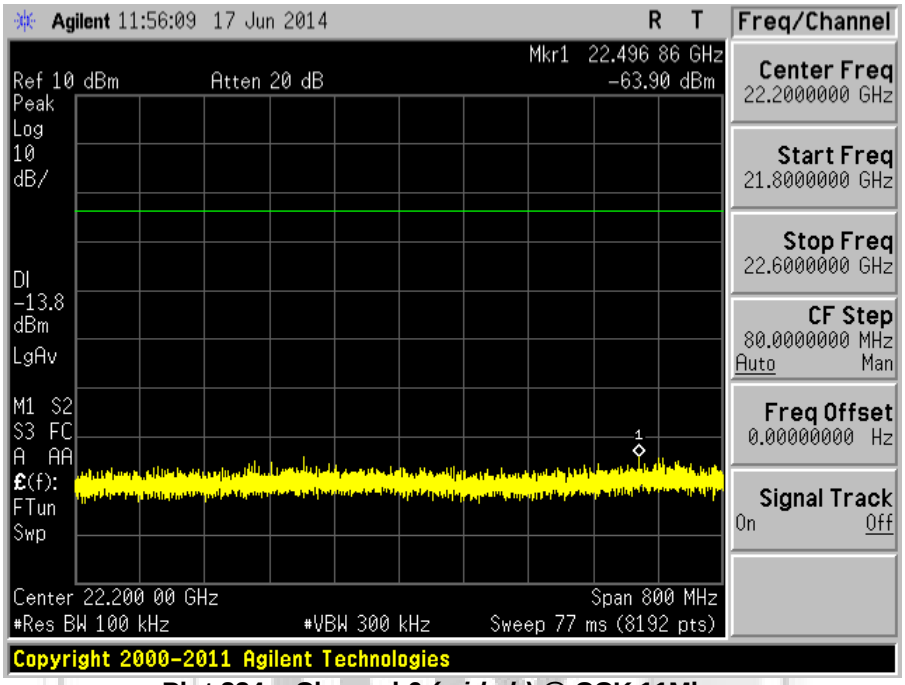


Plot 232 – Channel 6 *(mid ch)* @ CCK 11Mbps

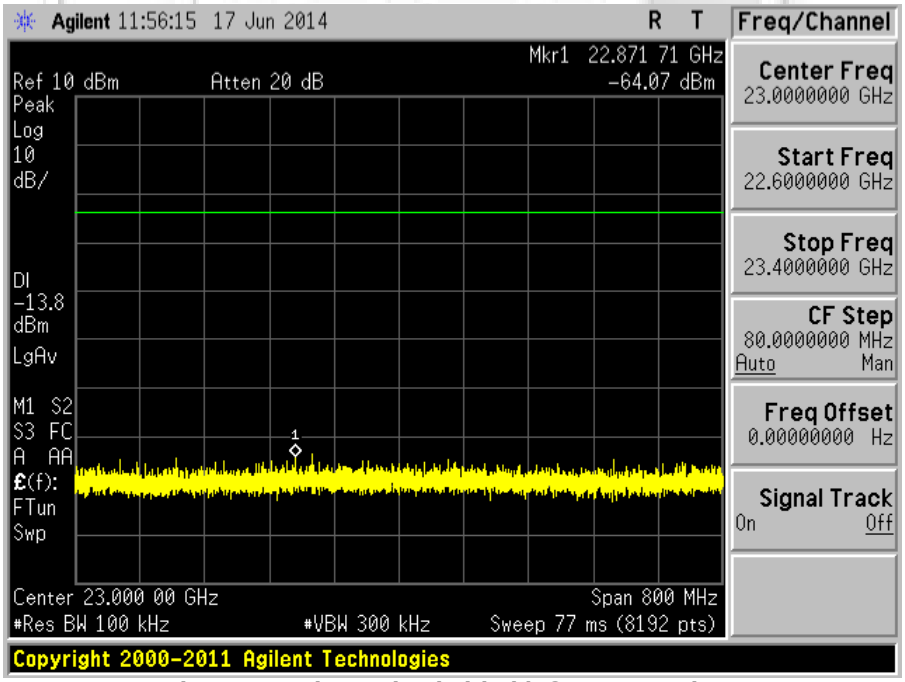


Plot 233 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

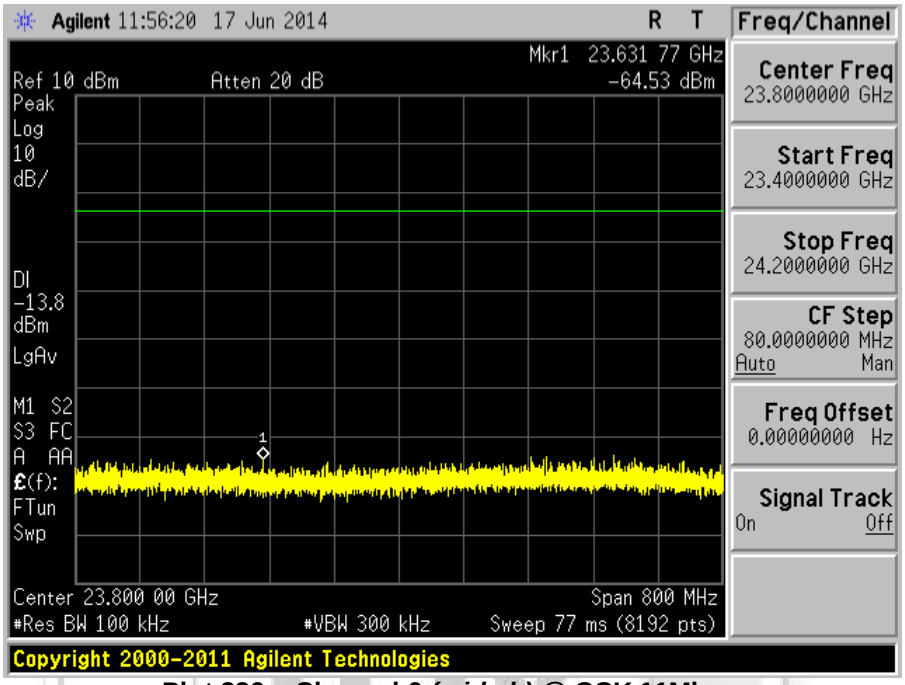


Plot 234 – Channel 6 *(mid ch)* @ CCK 11Mbps

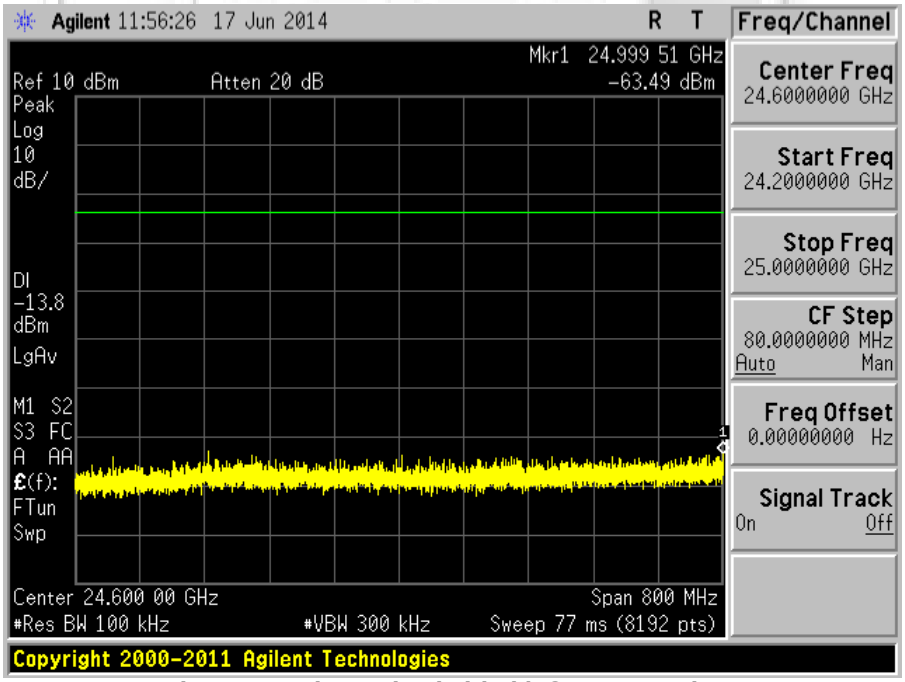


Plot 235 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

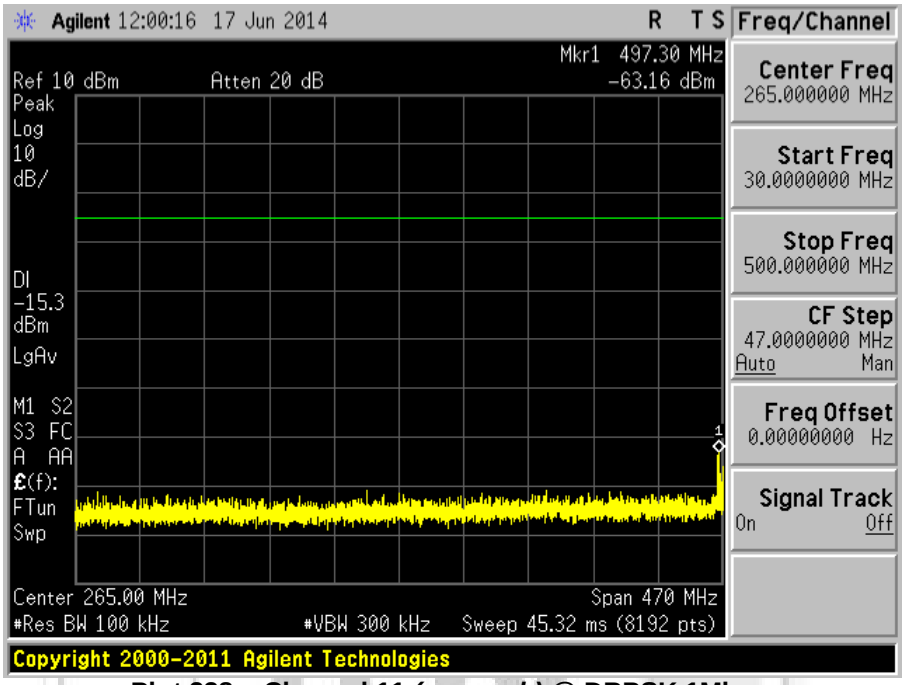


Plot 236 – Channel 6 *(mid ch)* @ CCK 11Mbps

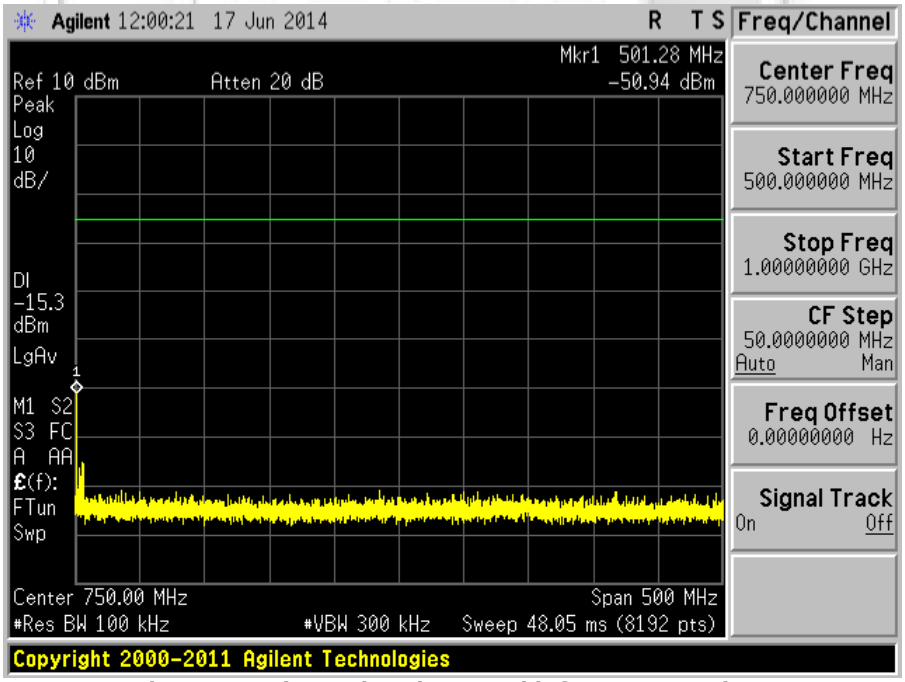


Plot 237 – Channel 6 *(mid ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

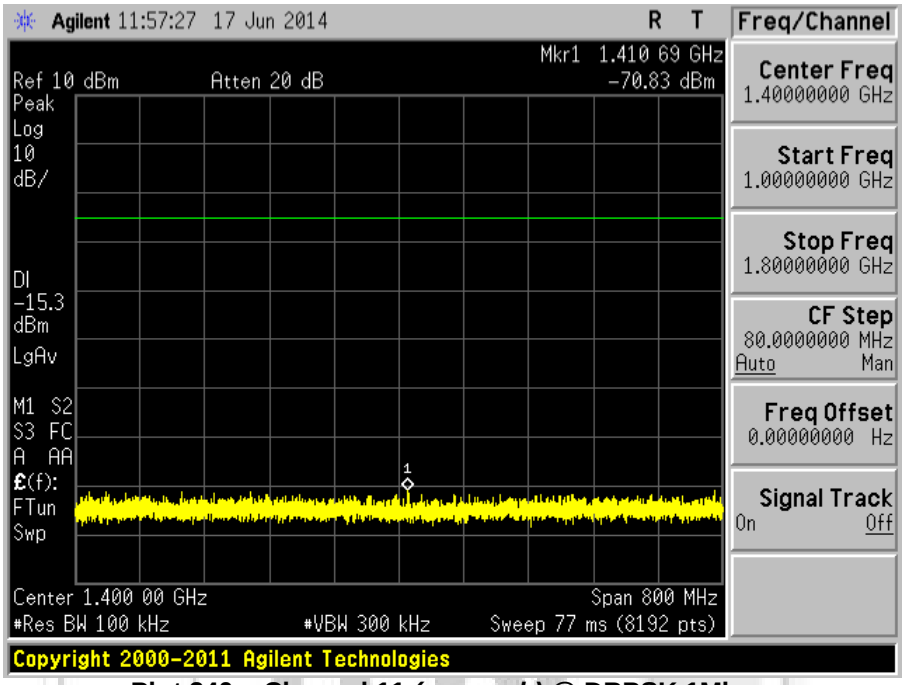


Plot 238 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

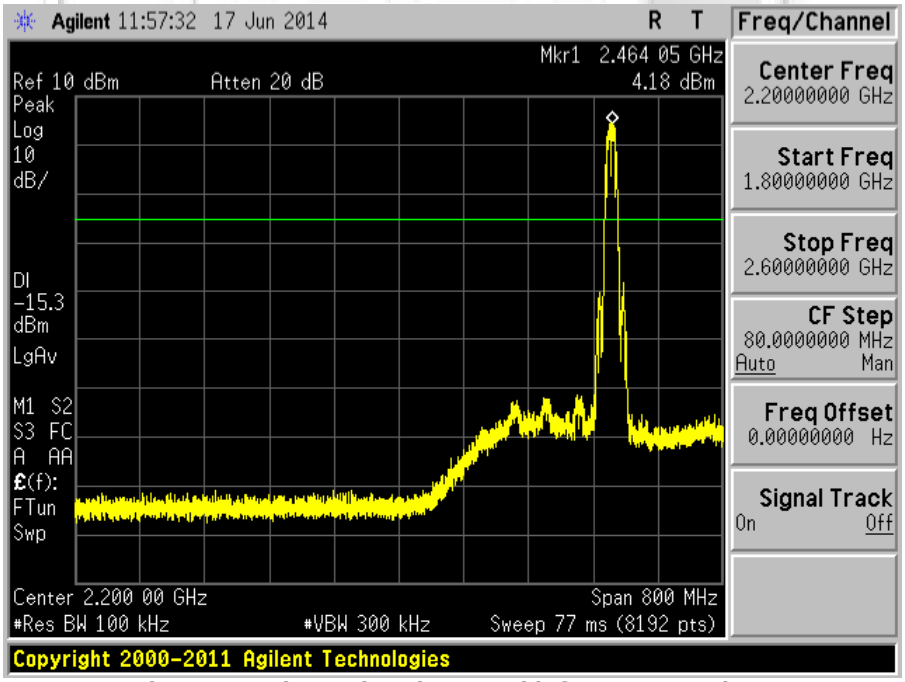


Plot 239 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

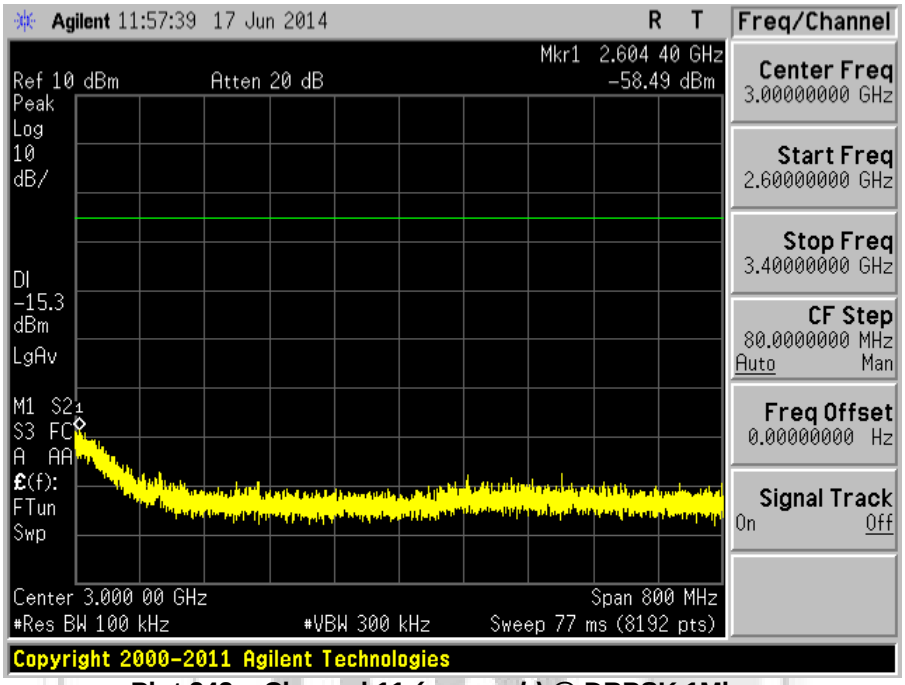


Plot 240 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

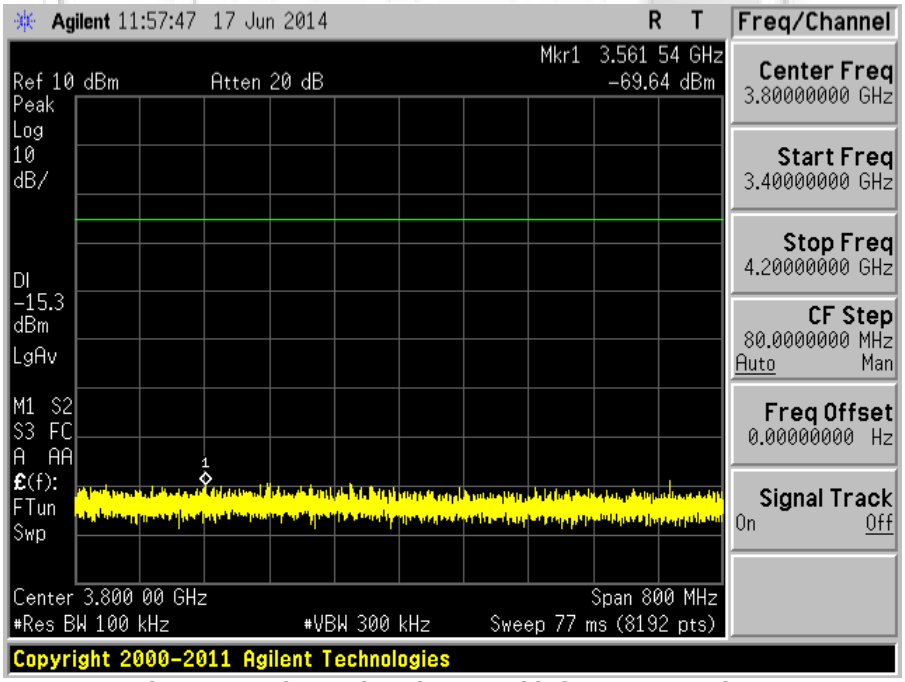


Plot 241 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

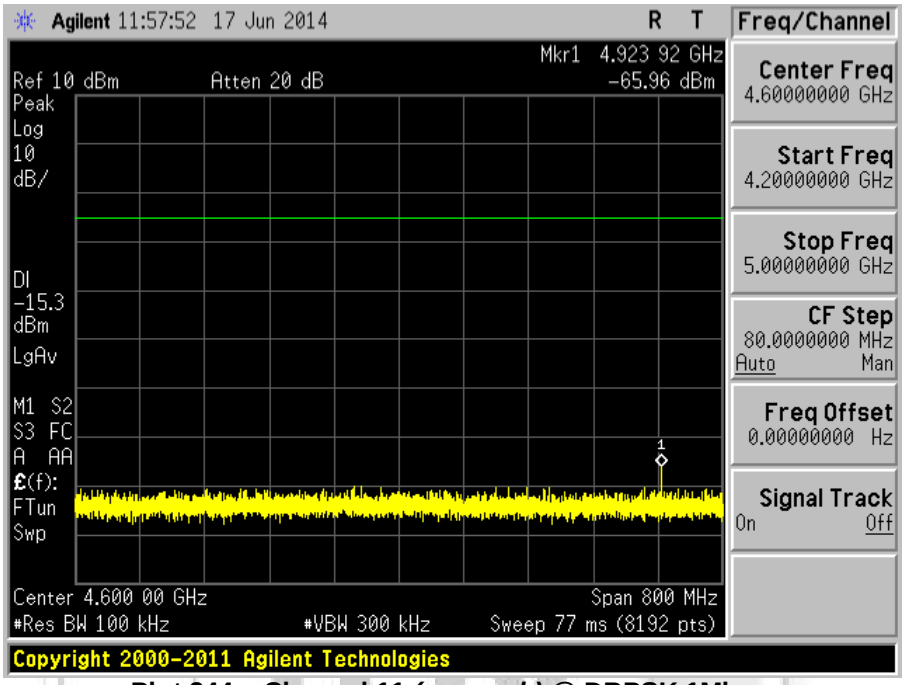


Plot 242 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

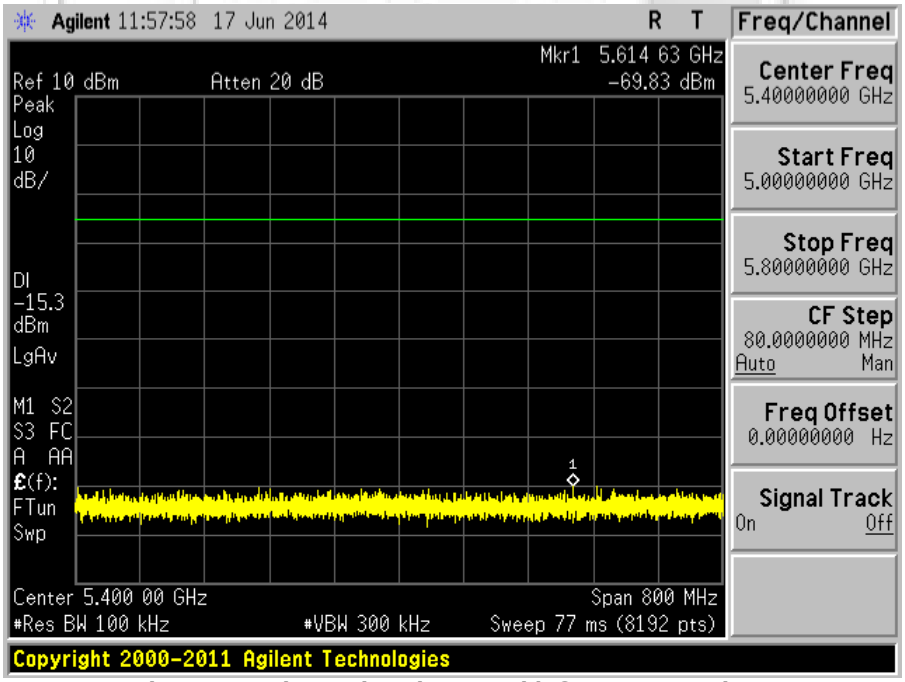


Plot 243 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

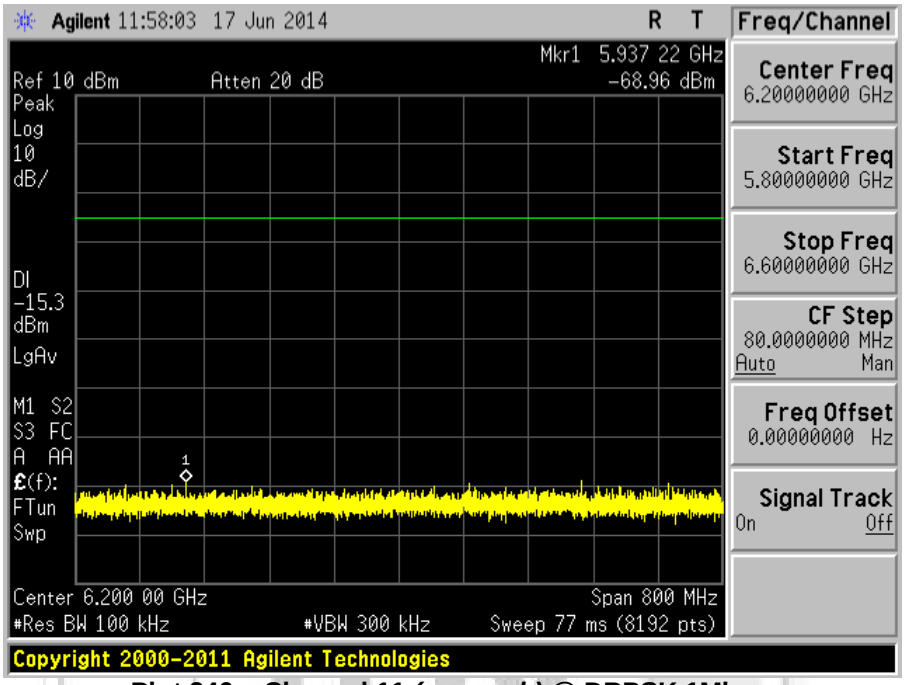


Plot 244 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

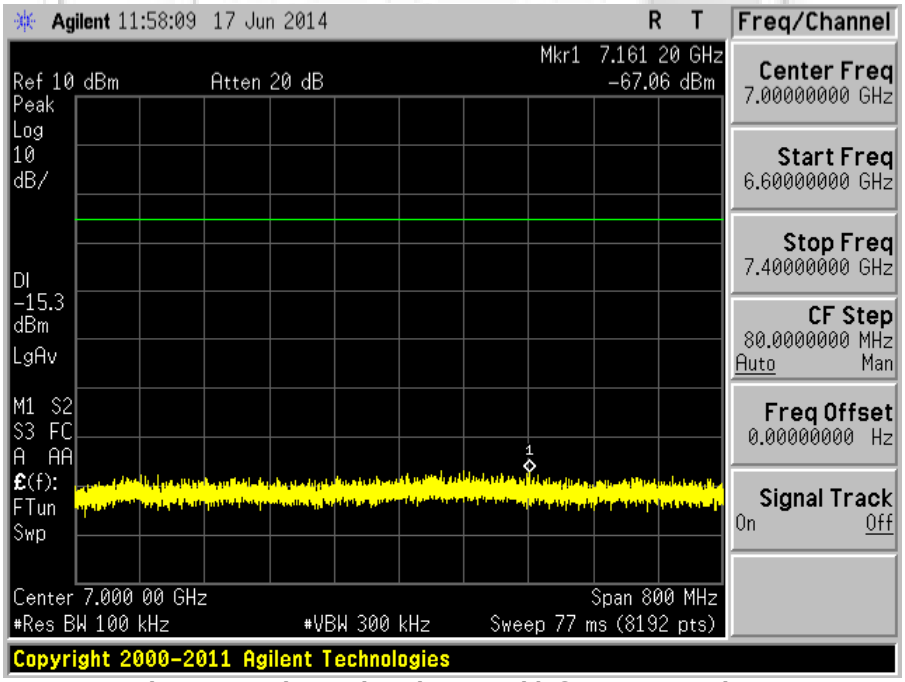


Plot 245 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

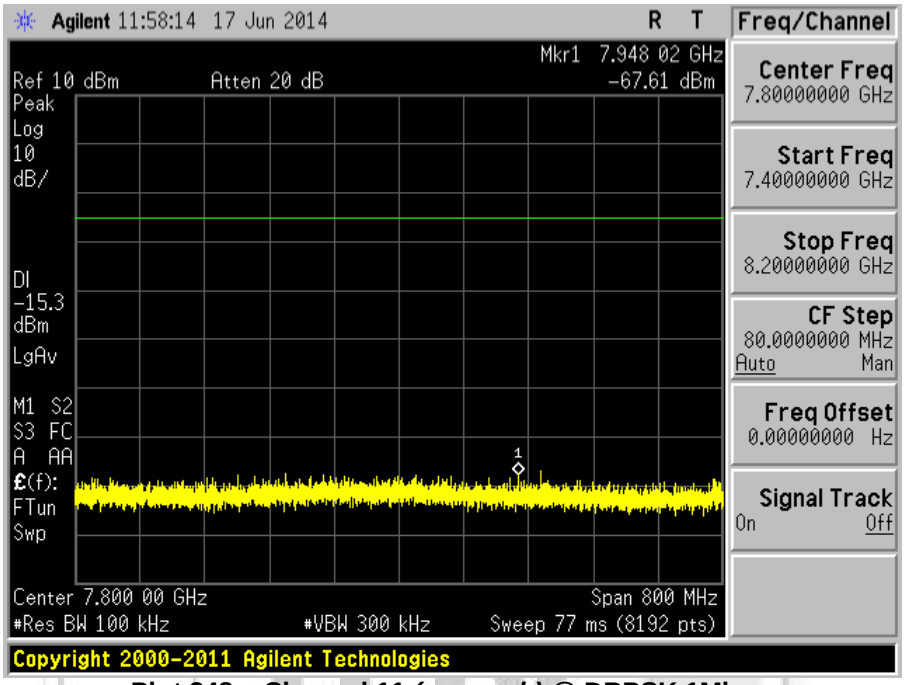


Plot 246 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

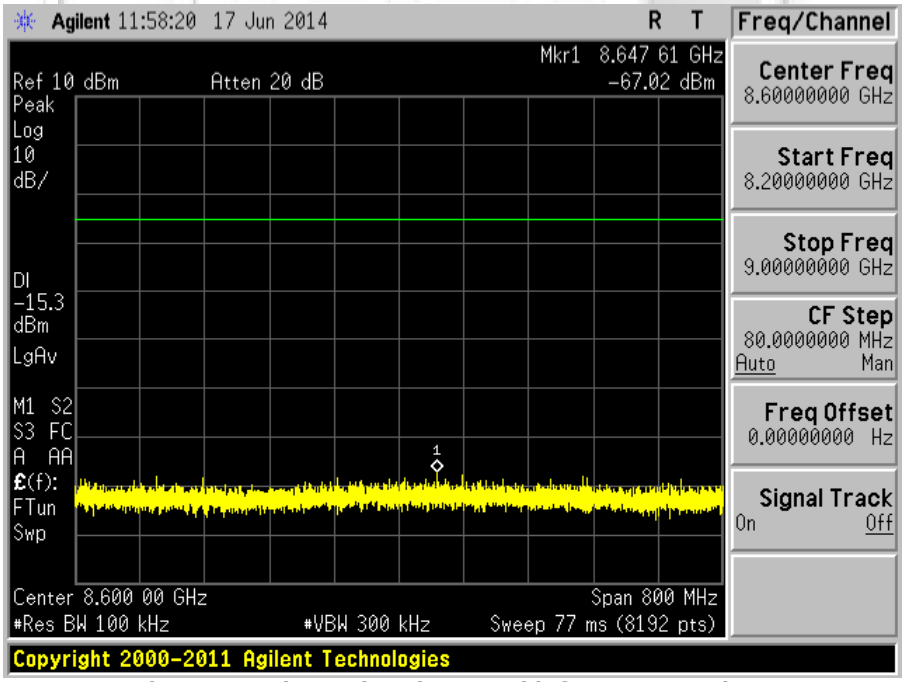


Plot 247 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

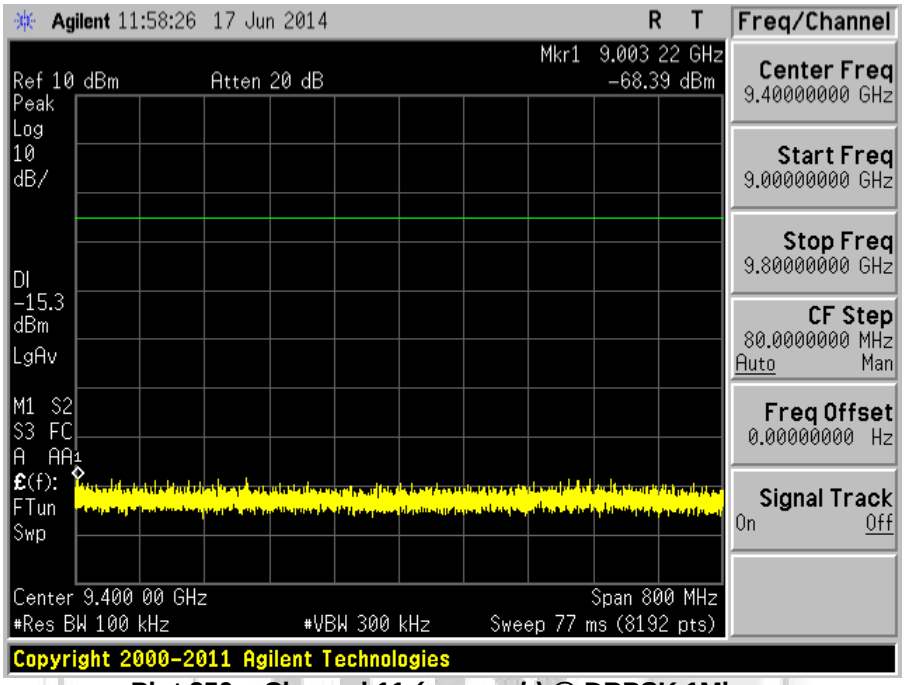


Plot 248 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

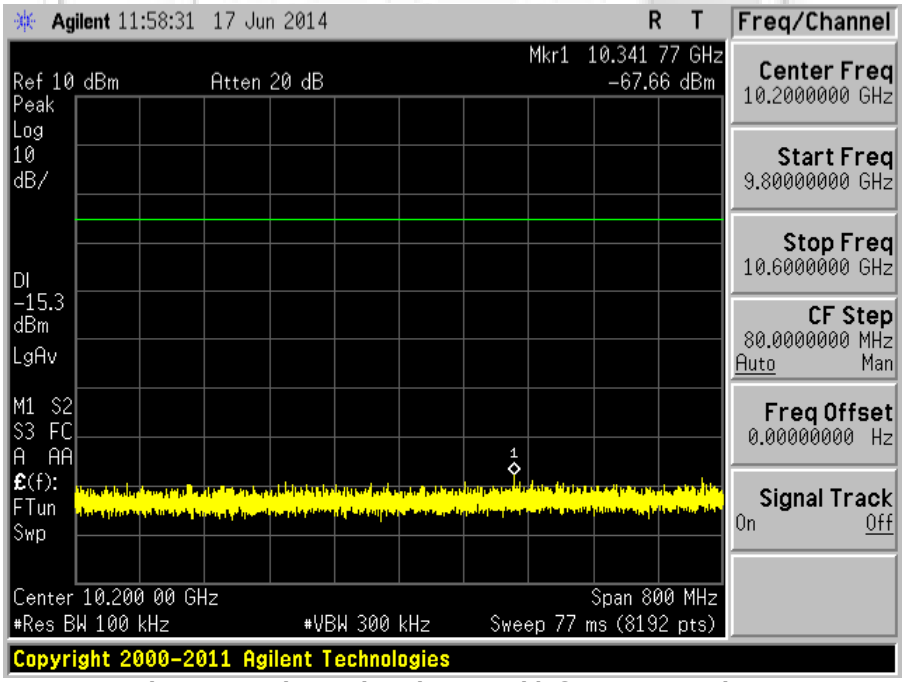


Plot 249 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

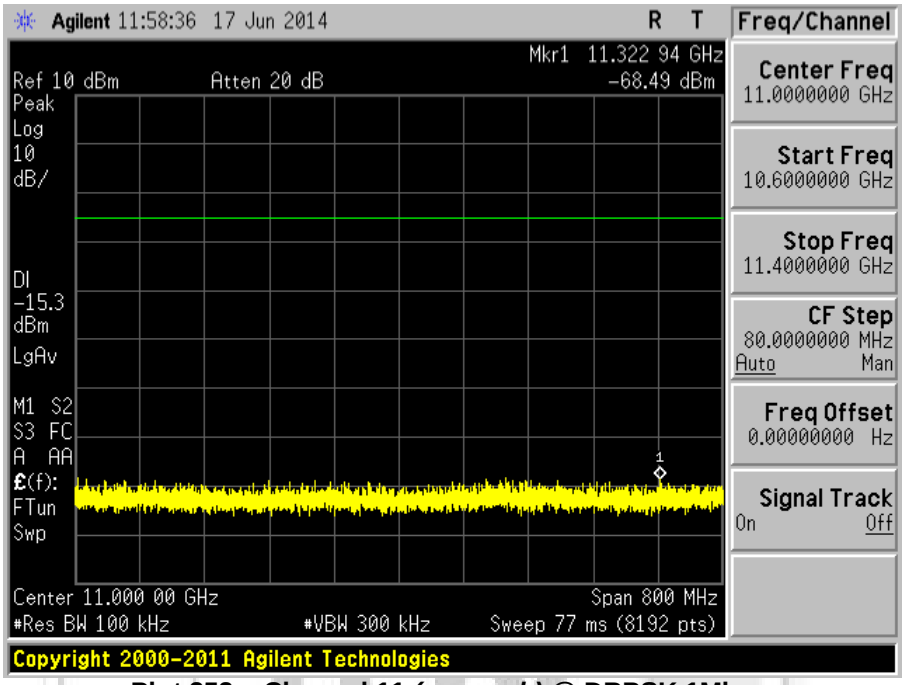


Plot 250 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

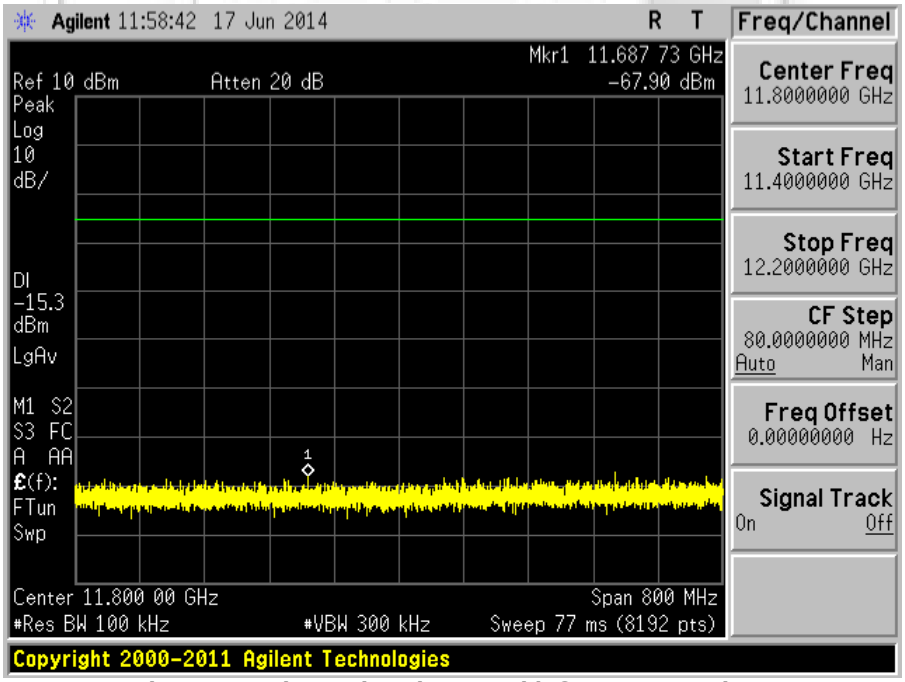


Plot 251 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

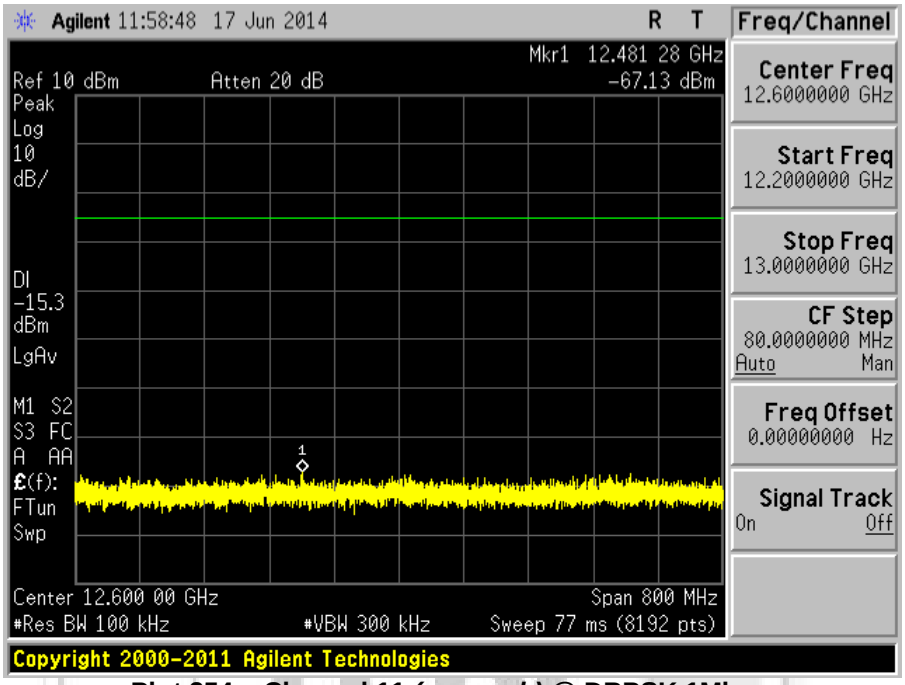


Plot 252 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

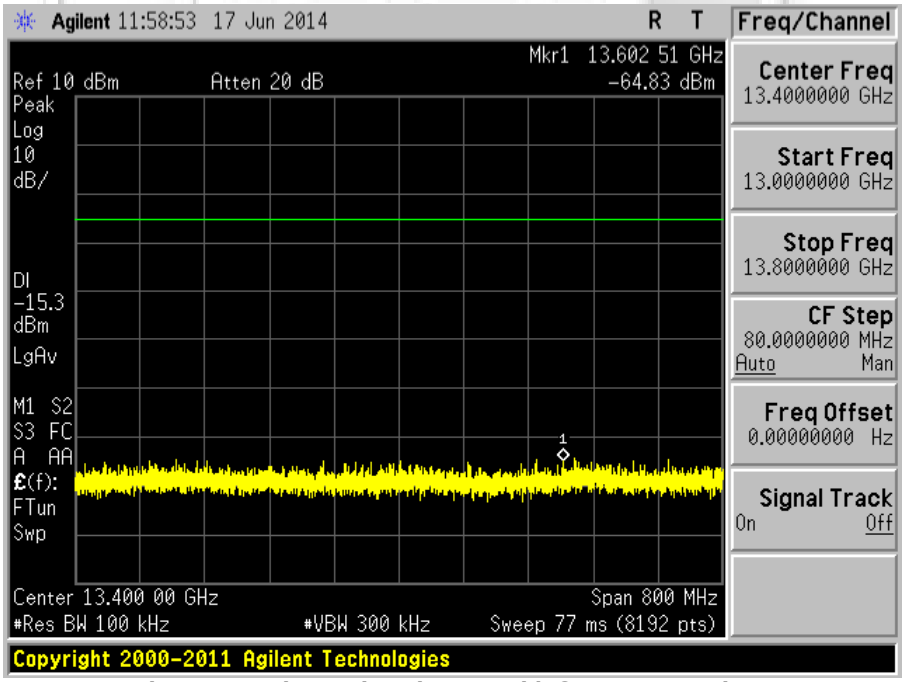


Plot 253 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

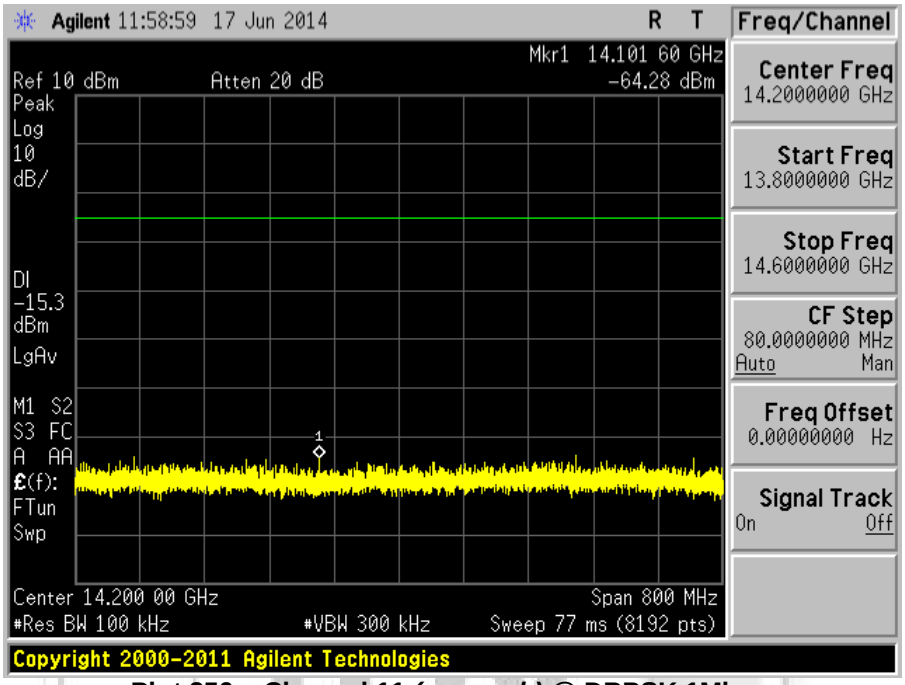


Plot 254 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

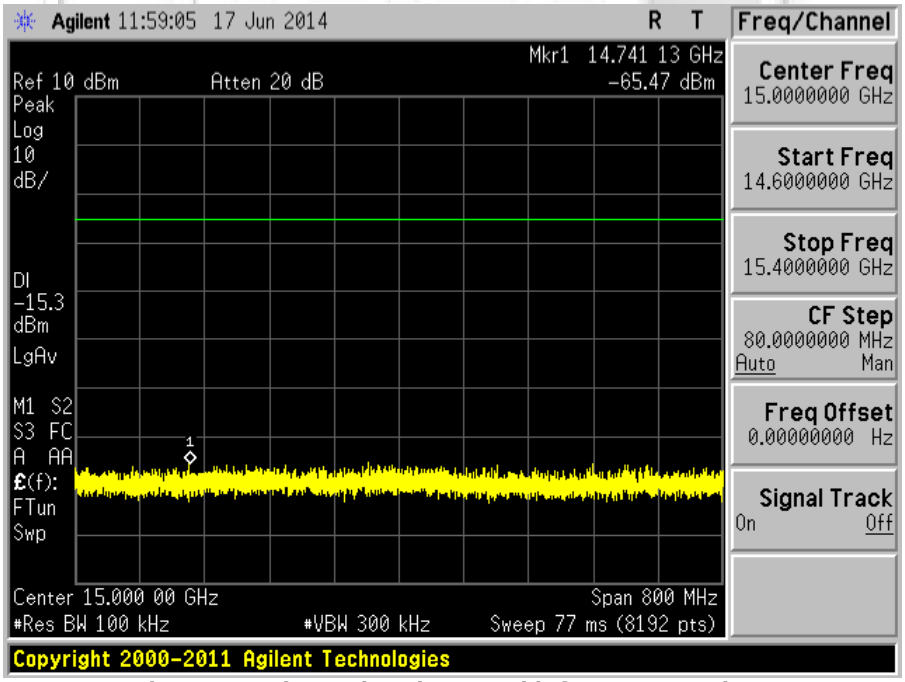


Plot 255 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

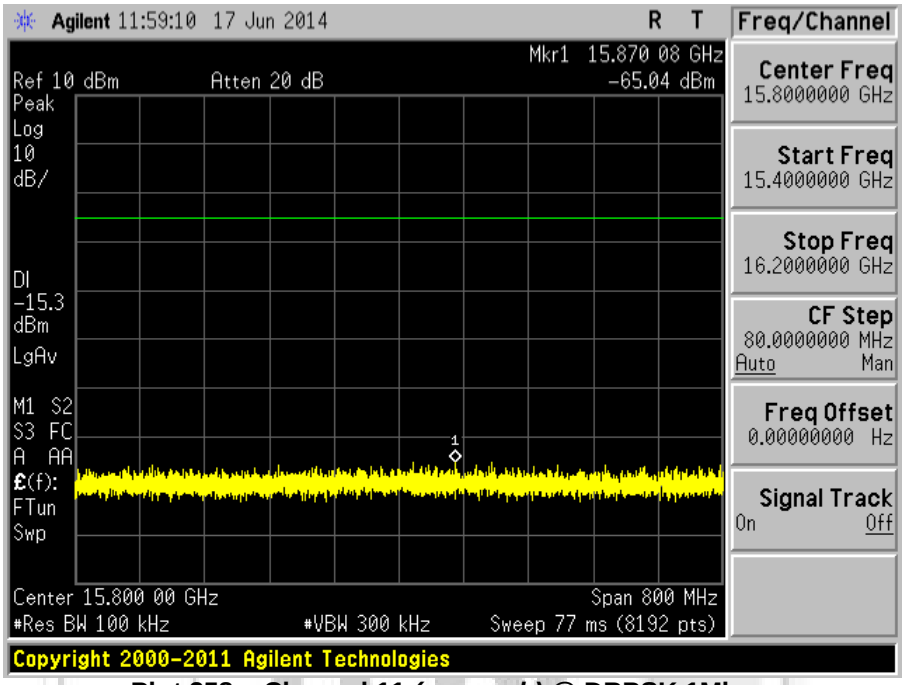


Plot 256 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

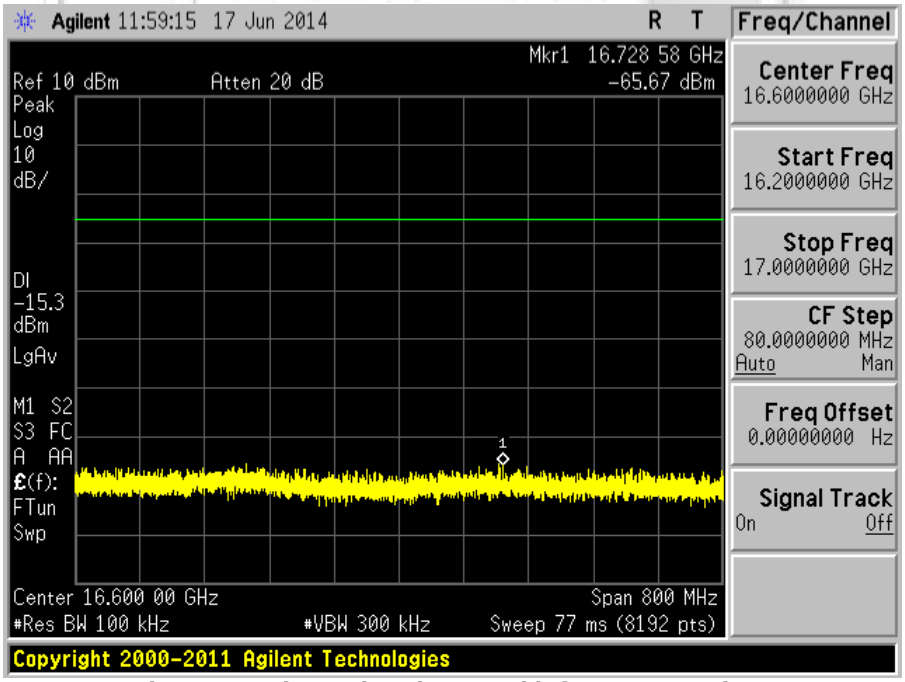


Plot 257 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

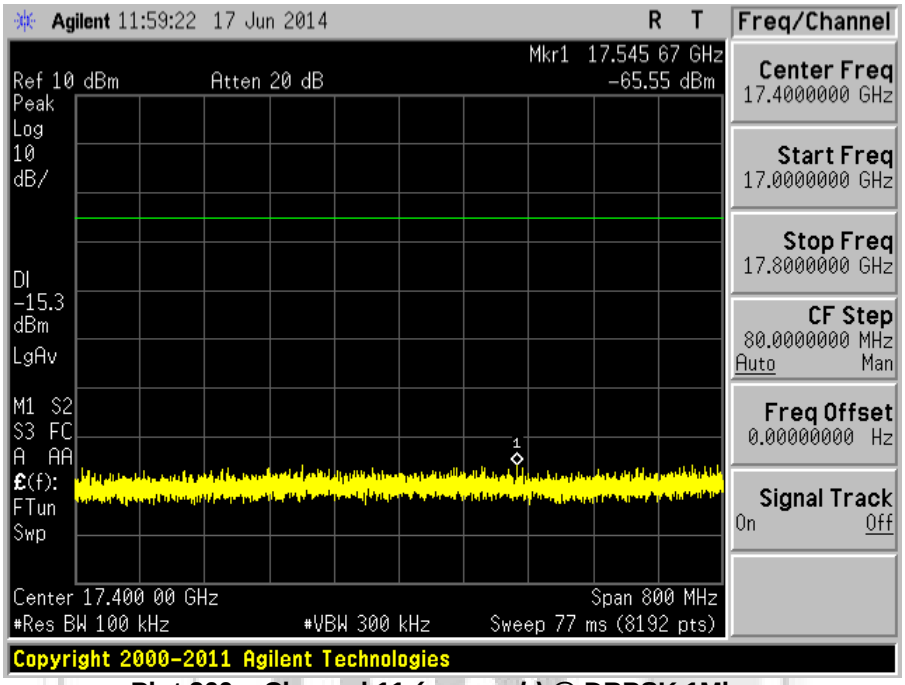


Plot 258 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

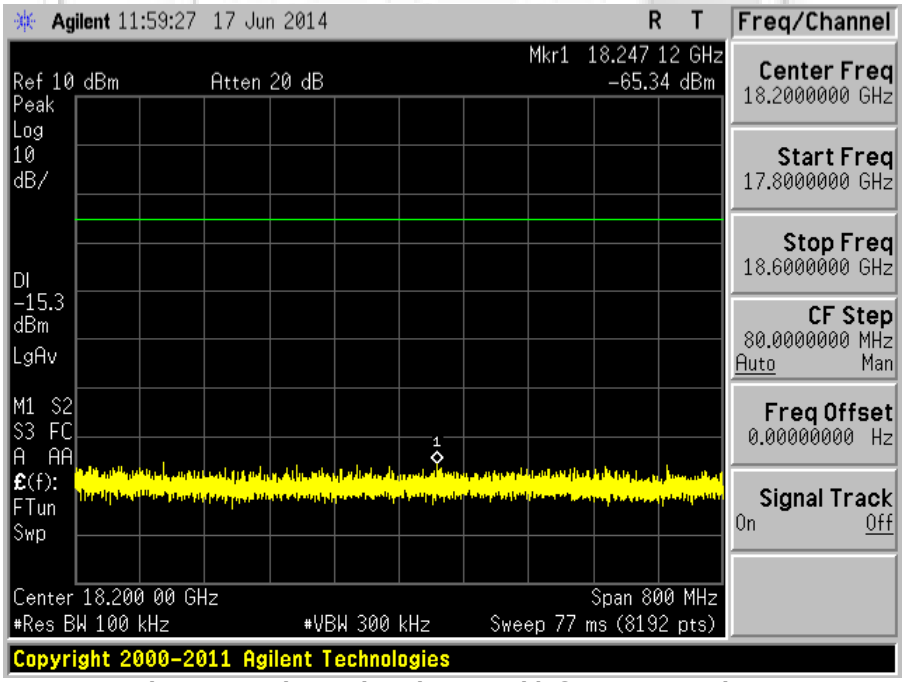


Plot 259 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

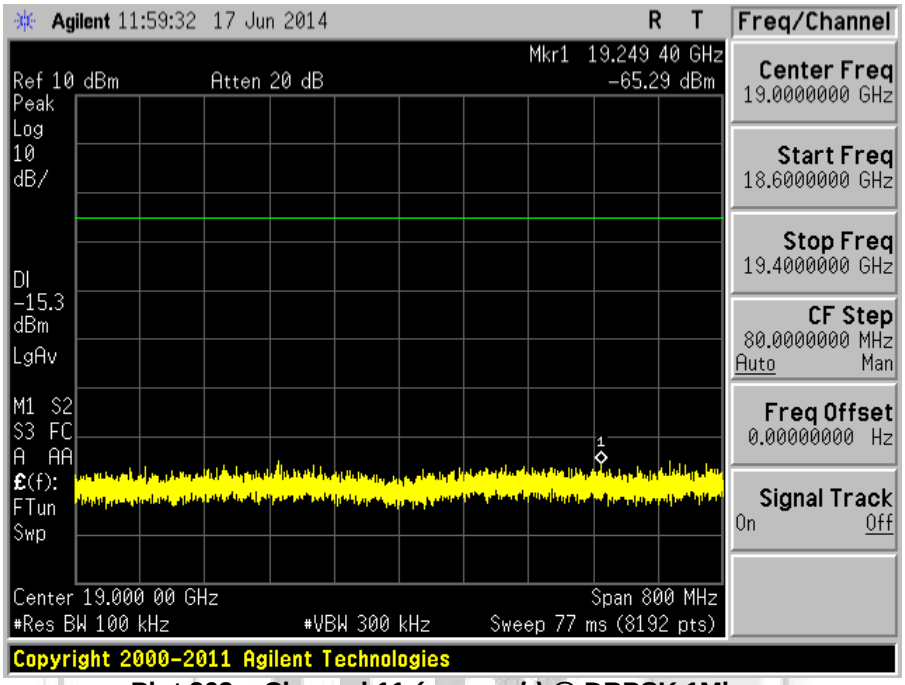


Plot 260 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

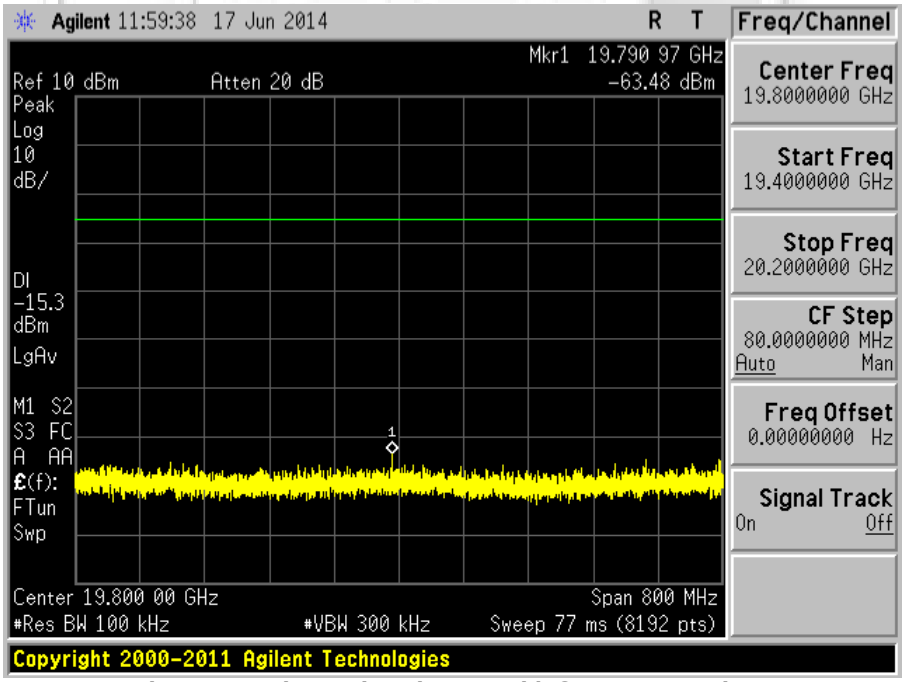


Plot 261 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

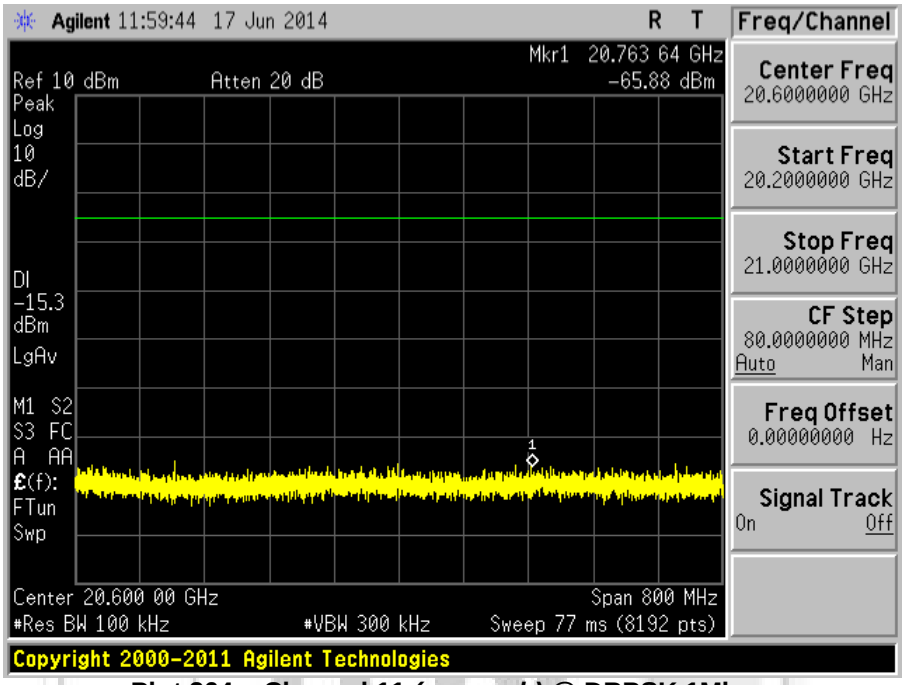


Plot 262 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

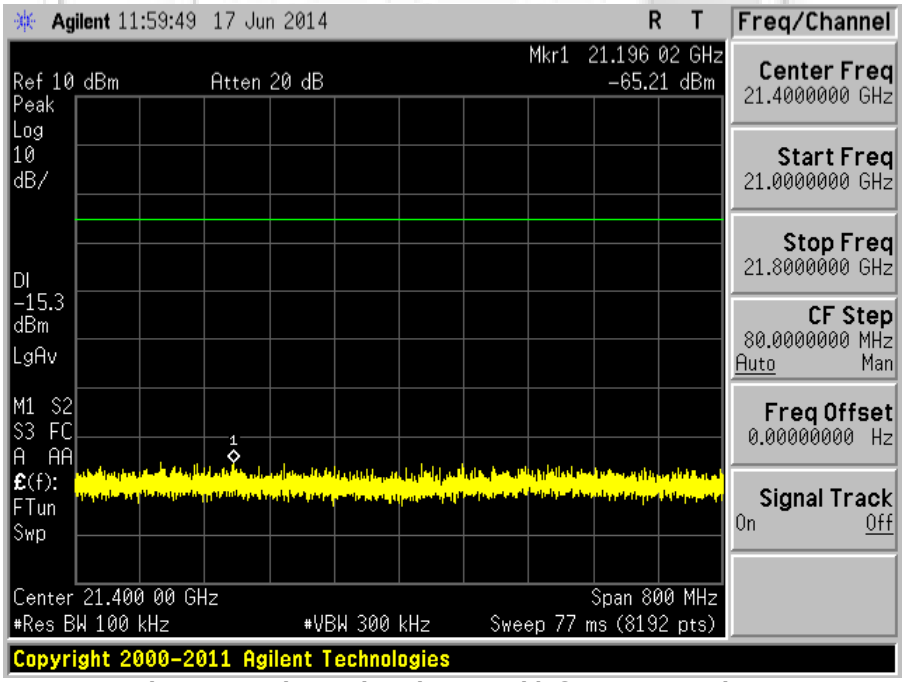


Plot 263 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

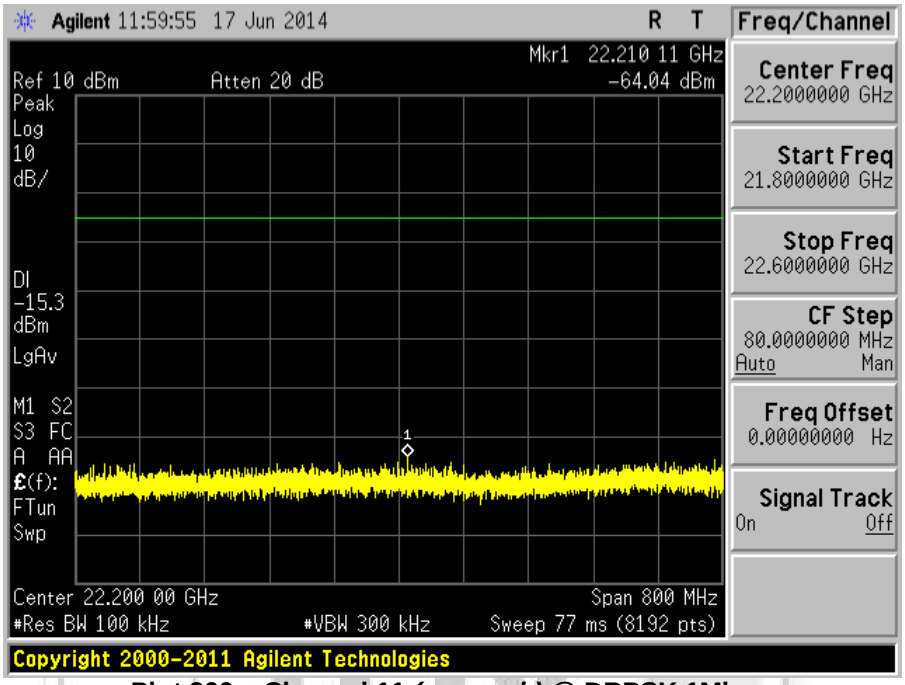


Plot 264 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

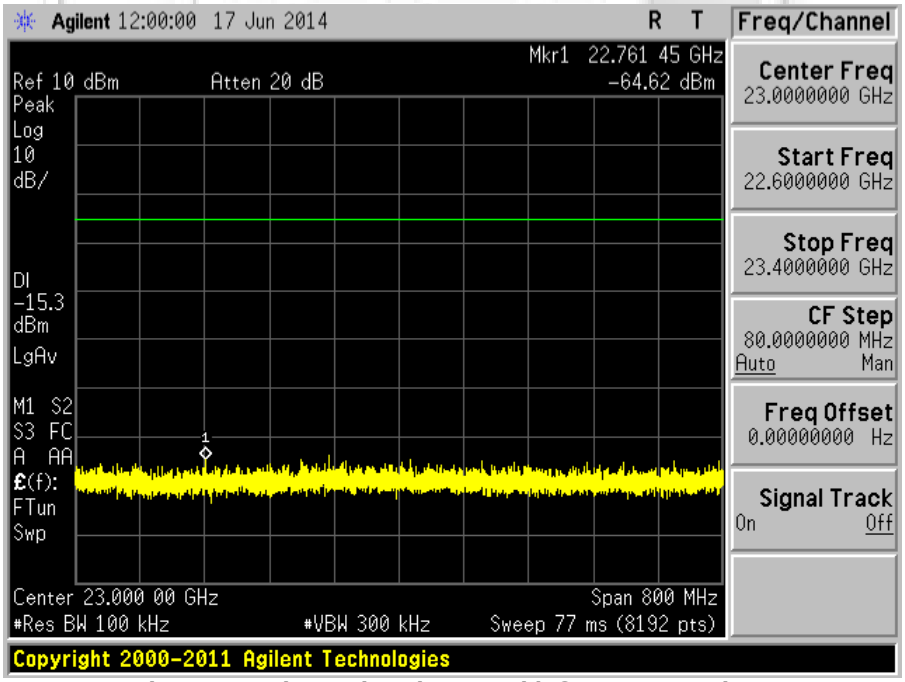


Plot 265 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

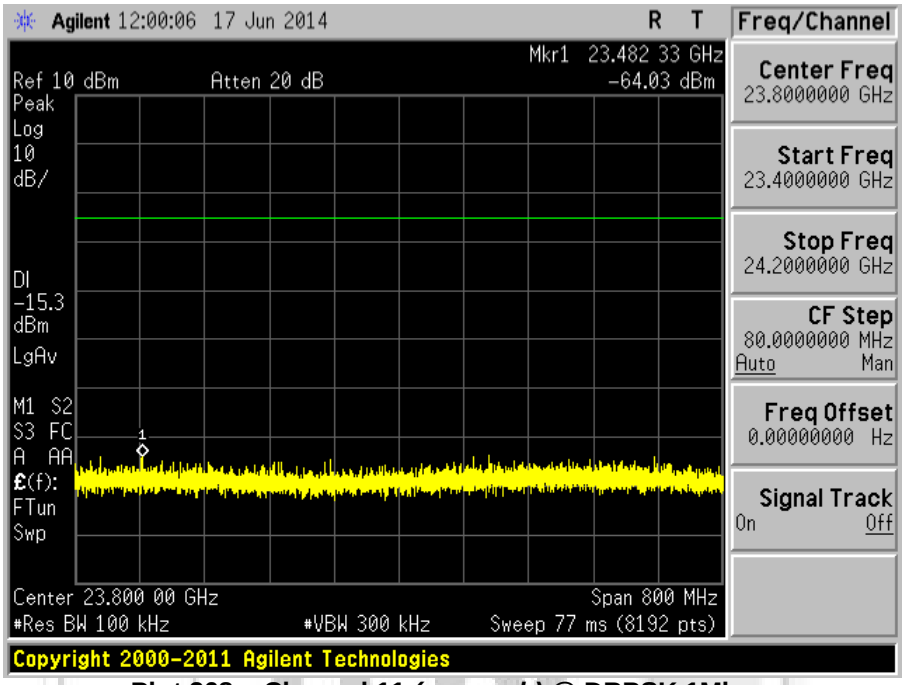


Plot 266 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

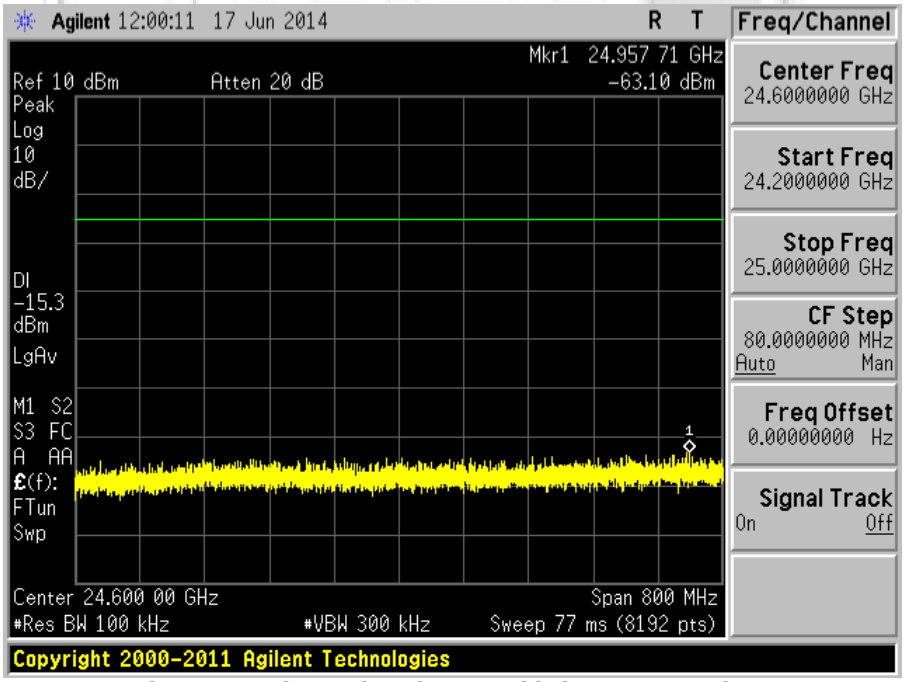


Plot 267 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

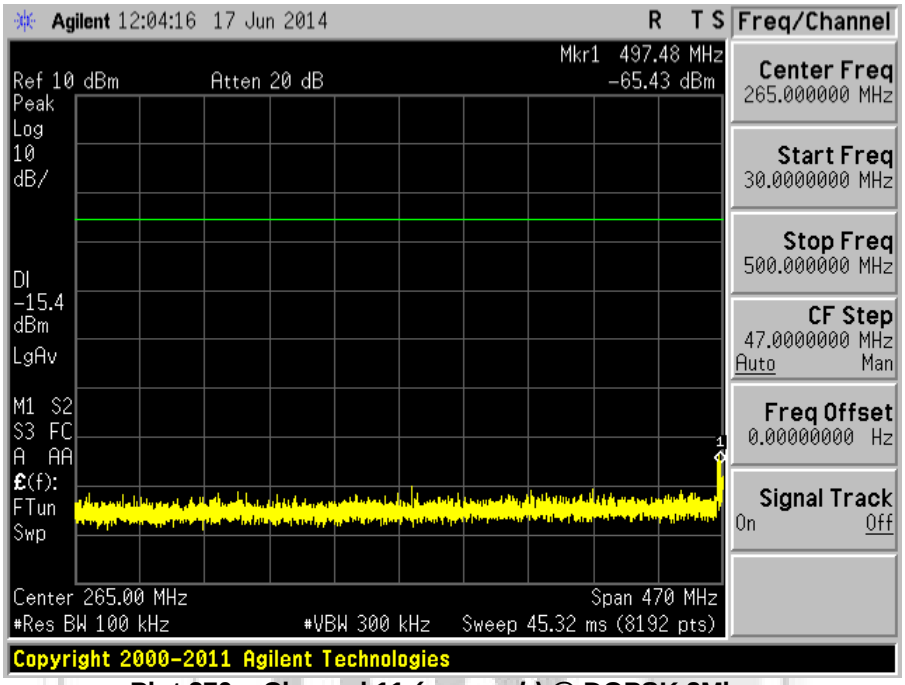


Plot 268 – Channel 11 *(upper ch)* @ DBPSK 1Mbps

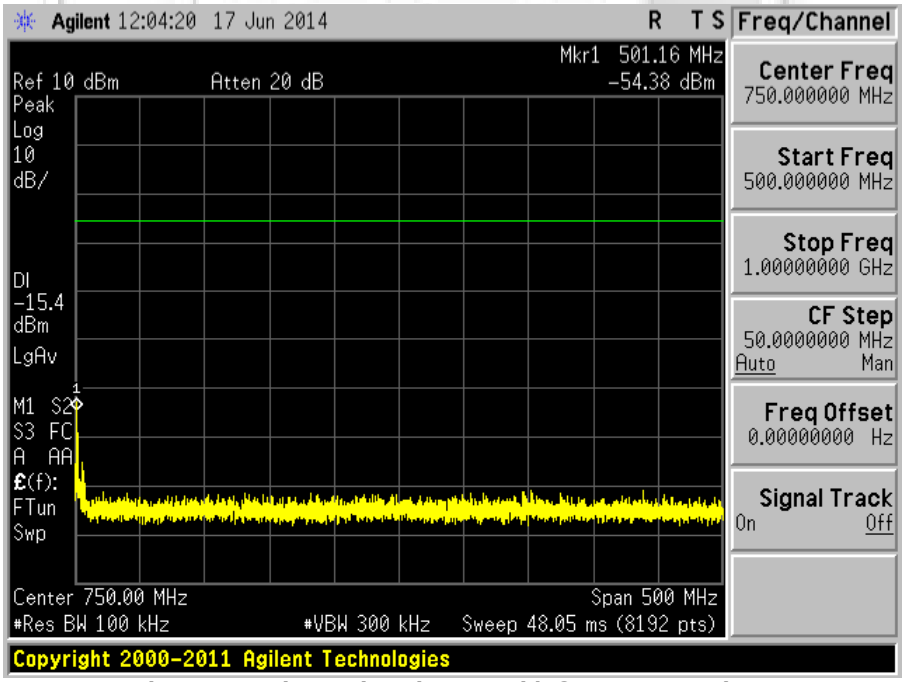


Plot 269 – Channel 11 (*upper ch)* @ DBPSK 1Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

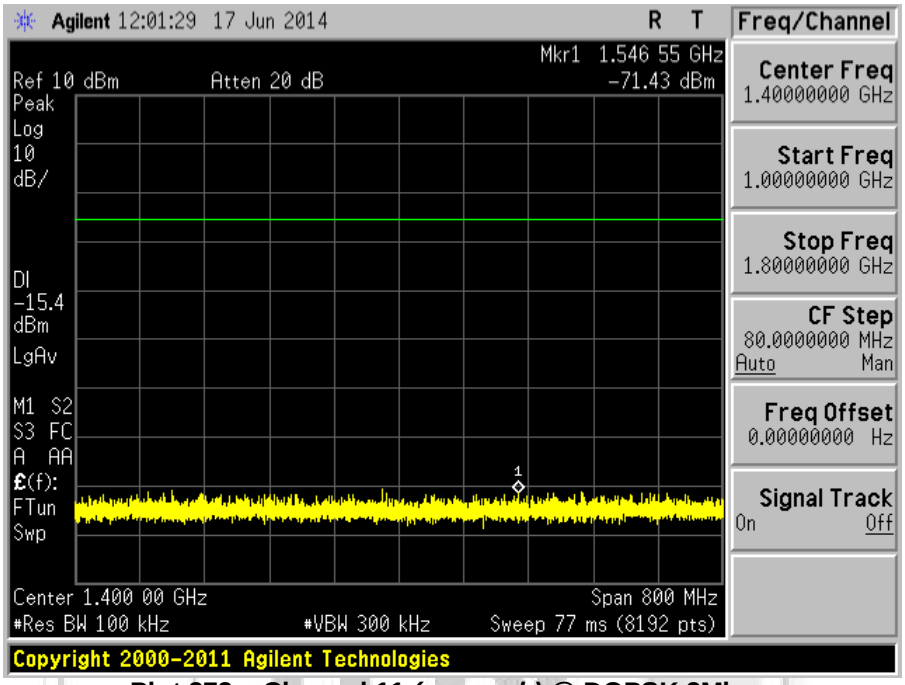


Plot 270 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

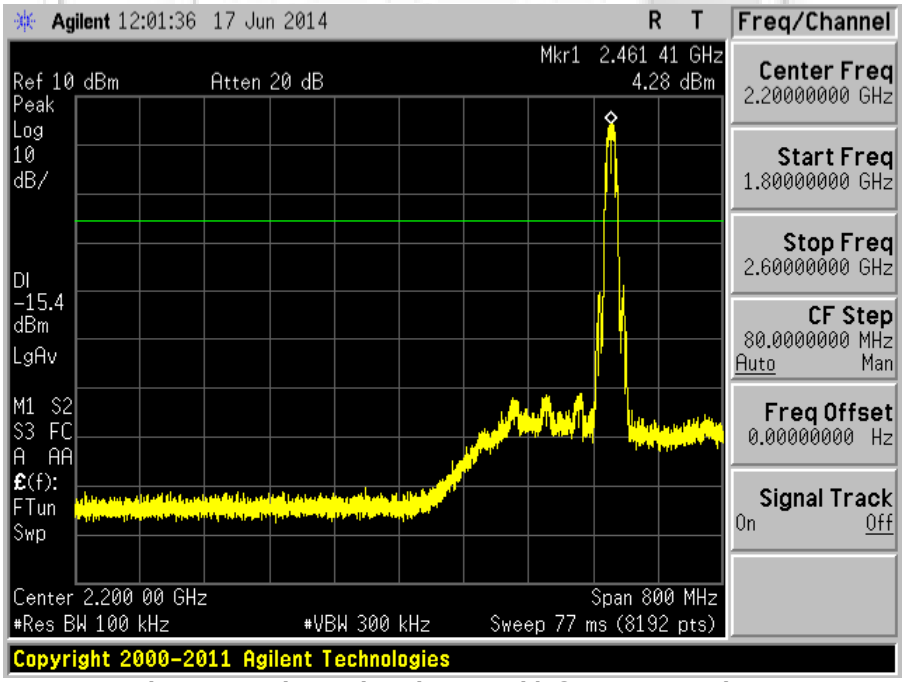


Plot 271 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

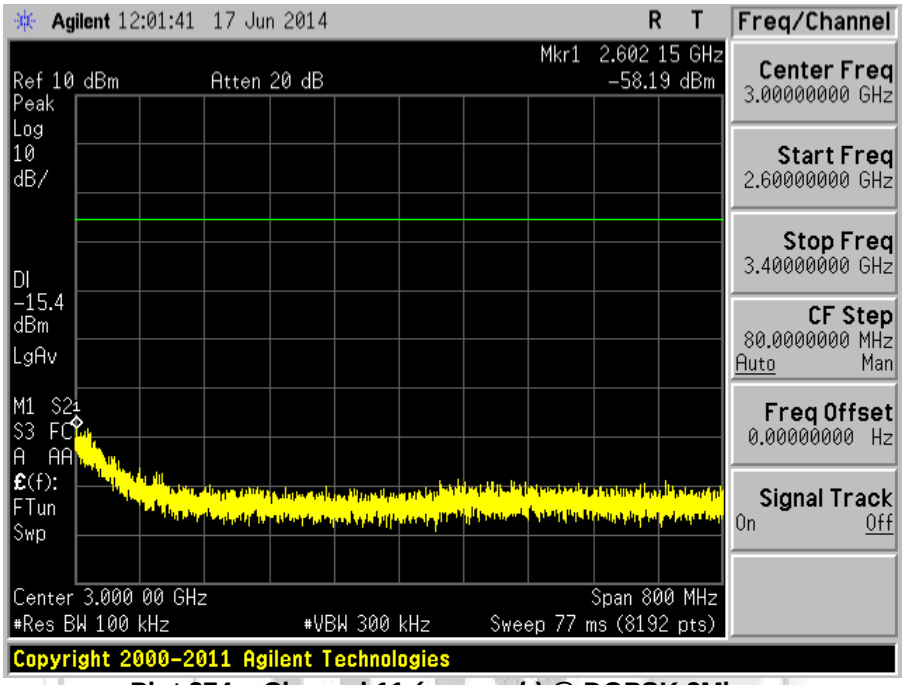


Plot 272 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

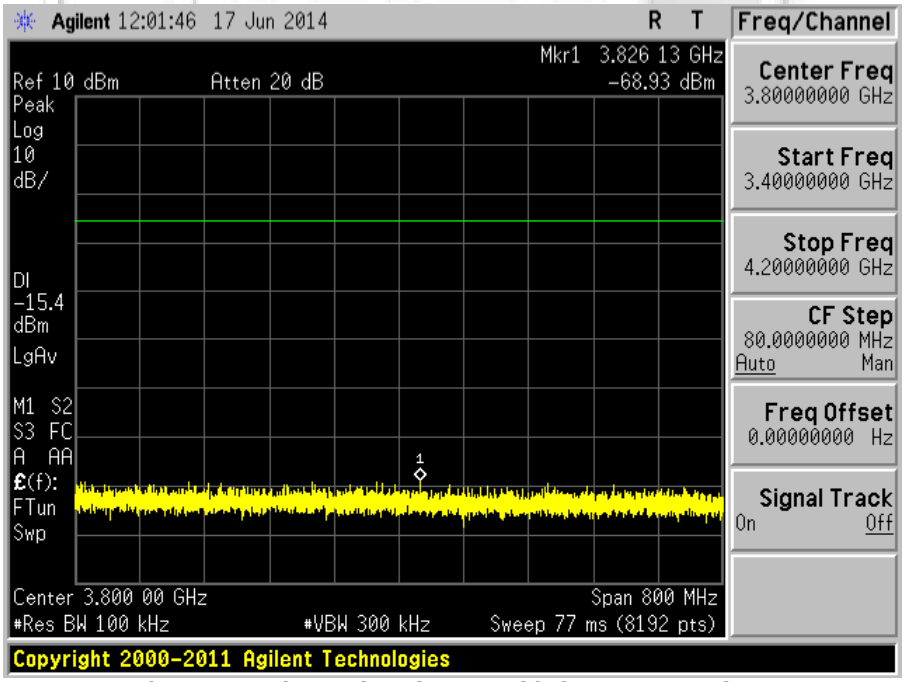


Plot 273 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

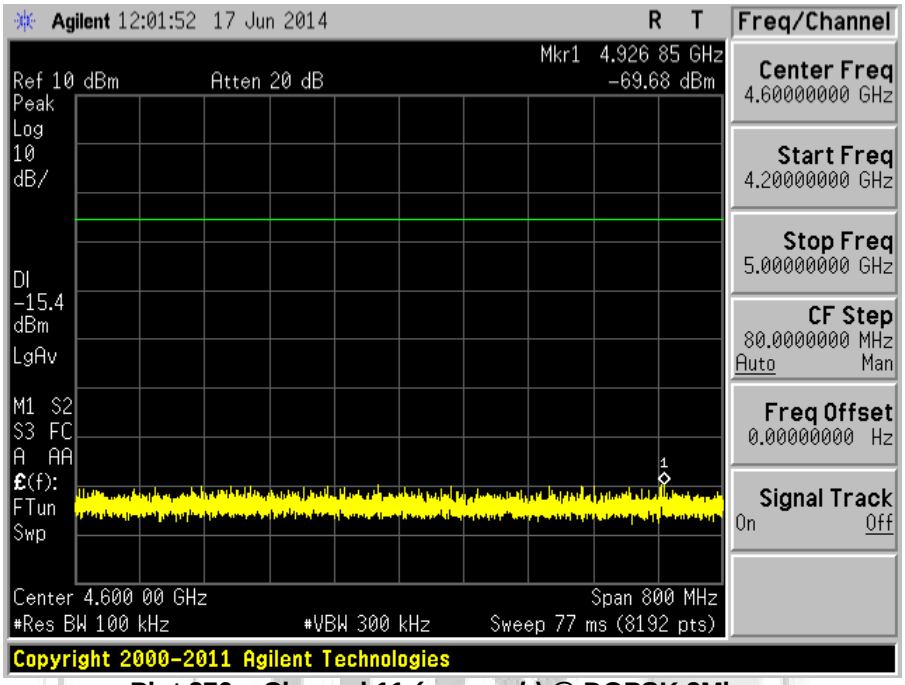


Plot 274 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

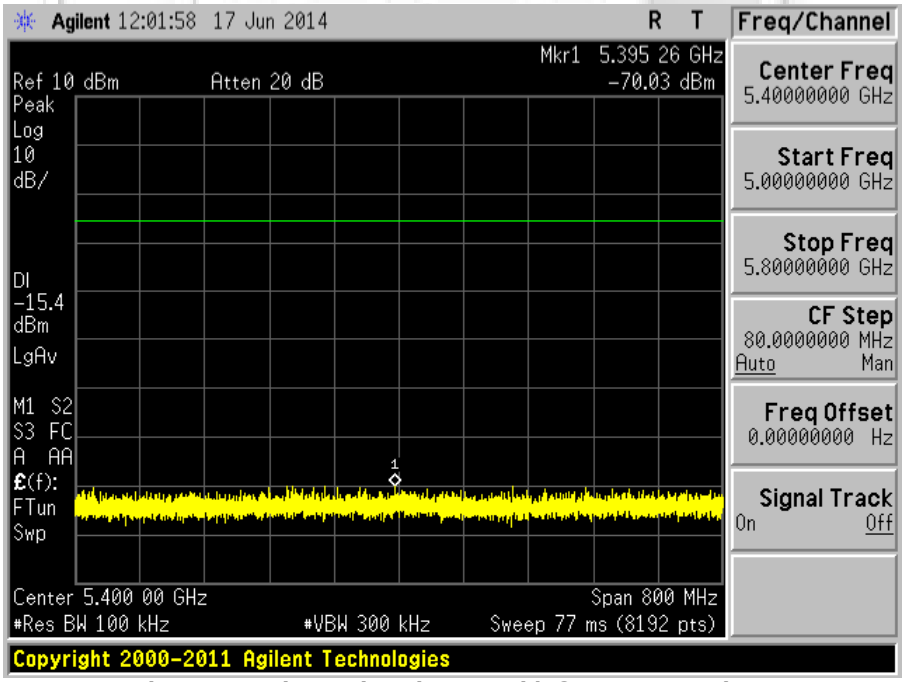


Plot 275 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

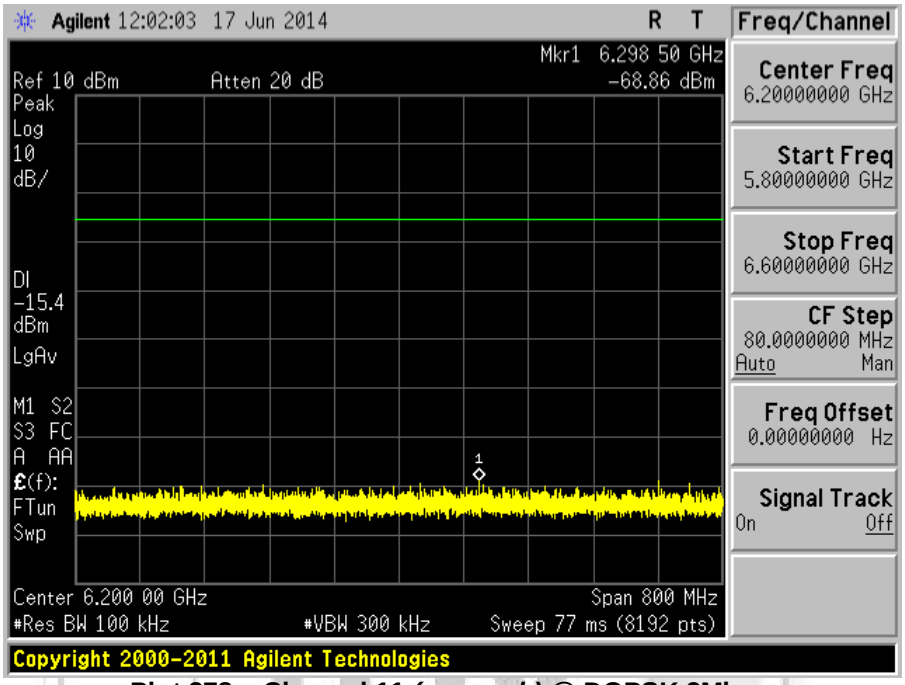


Plot 276 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

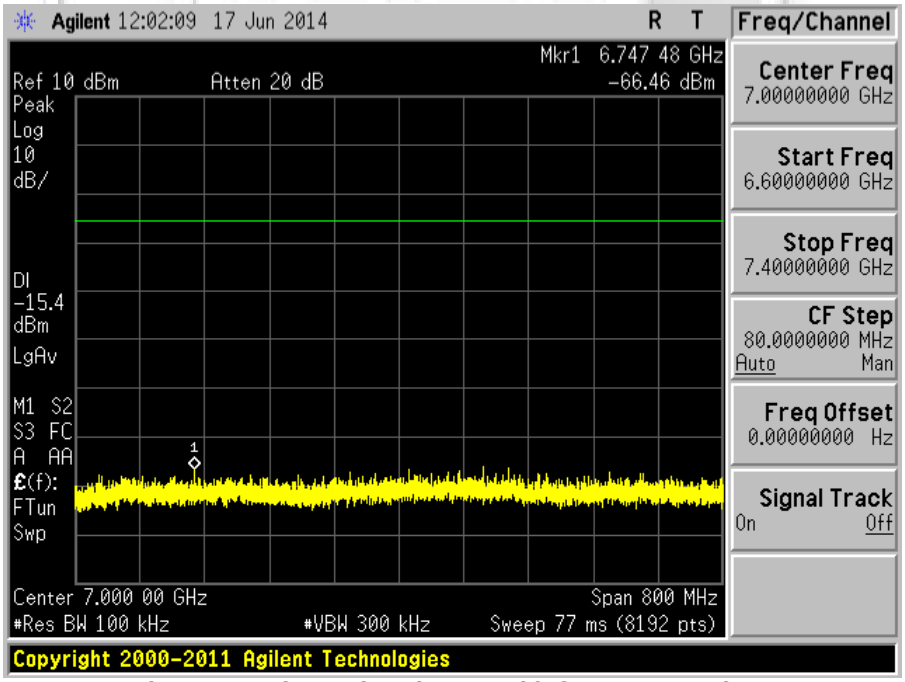


Plot 277 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

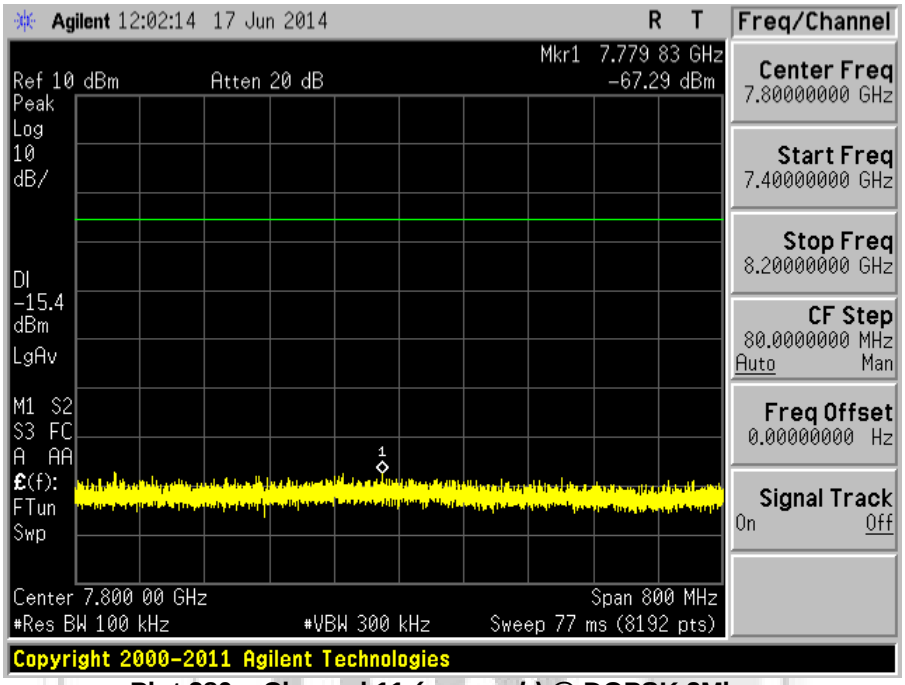


Plot 278 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

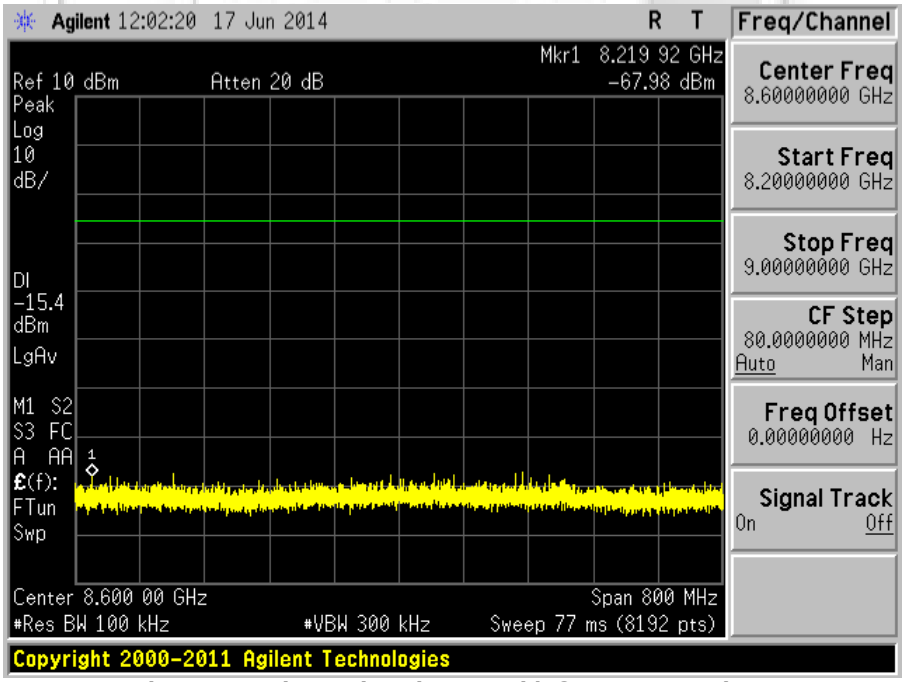


Plot 279 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

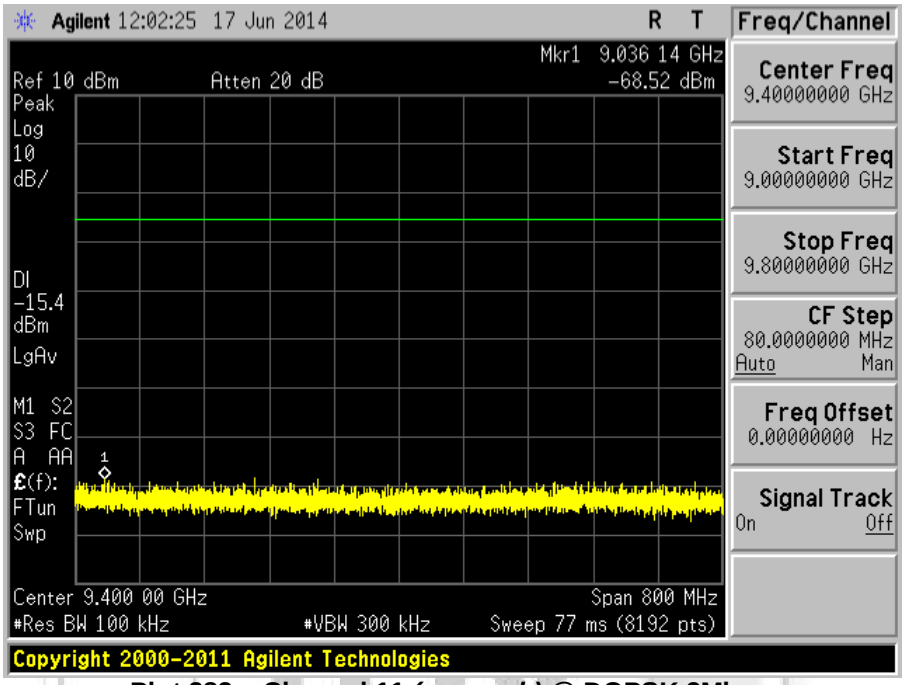


Plot 280 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

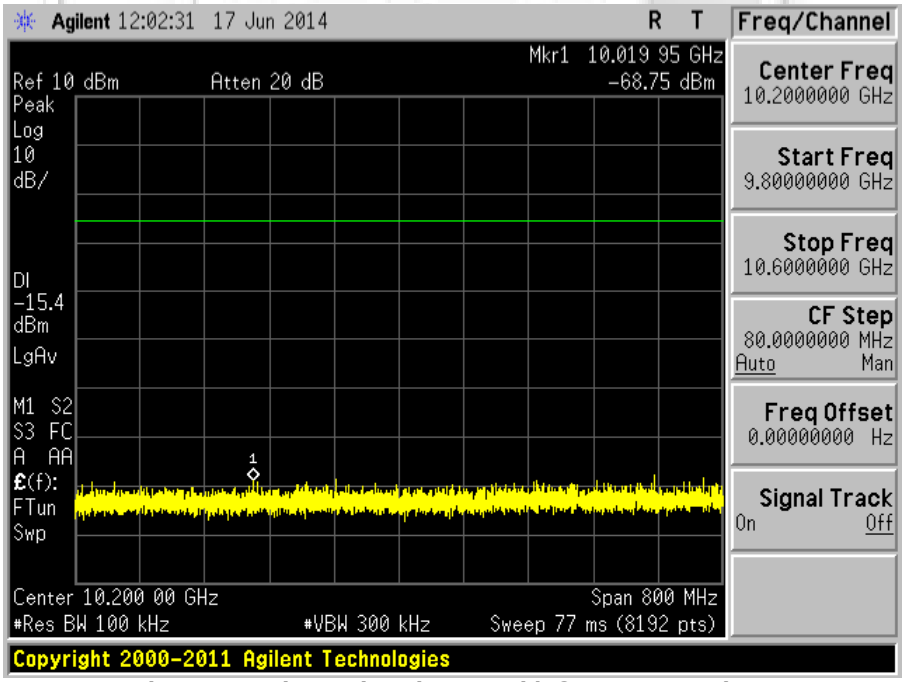


Plot 281 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

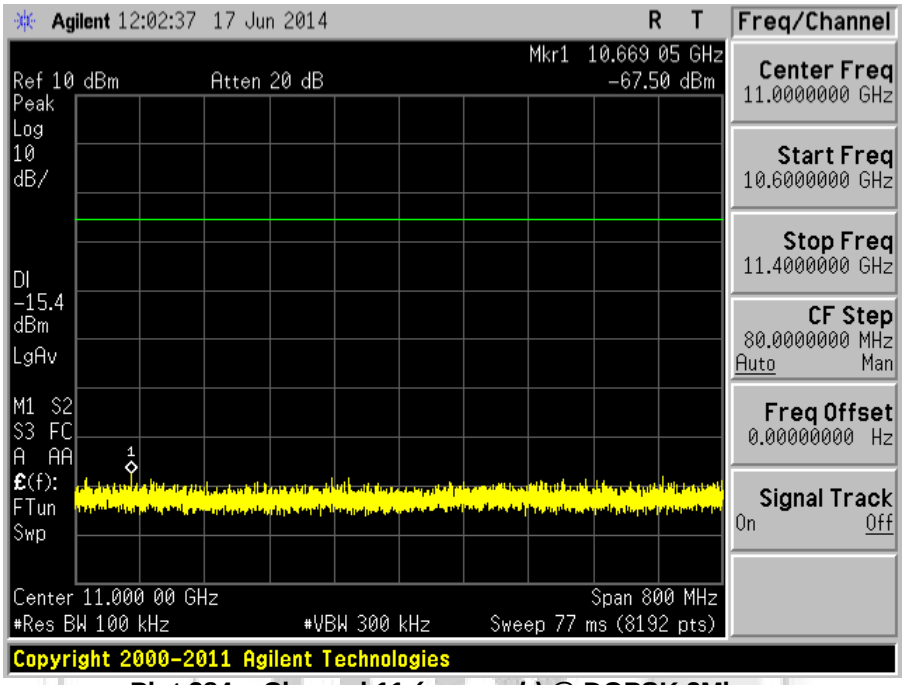


Plot 282 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

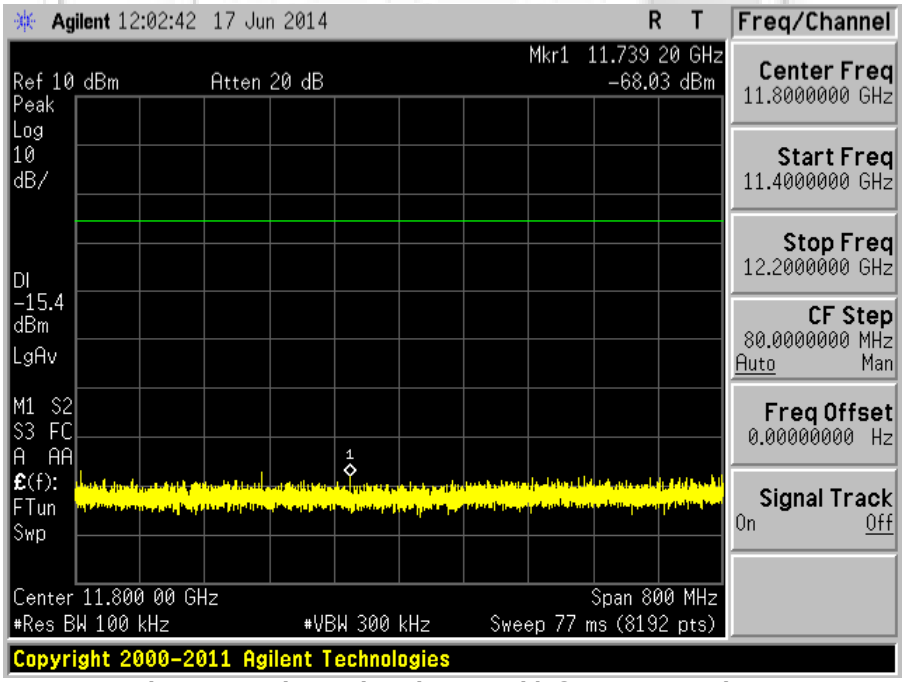


Plot 283 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

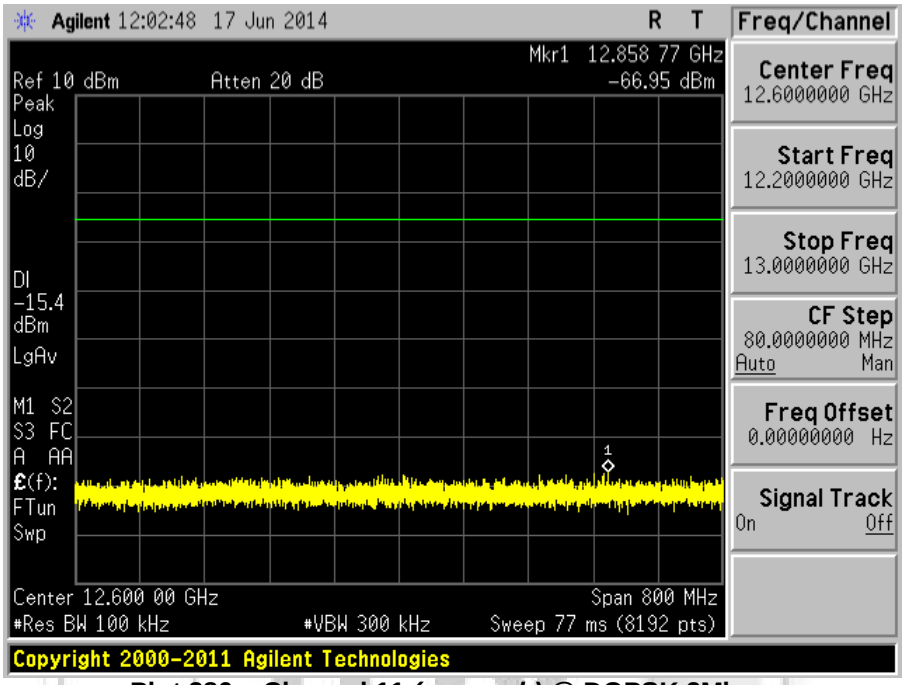


Plot 284 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

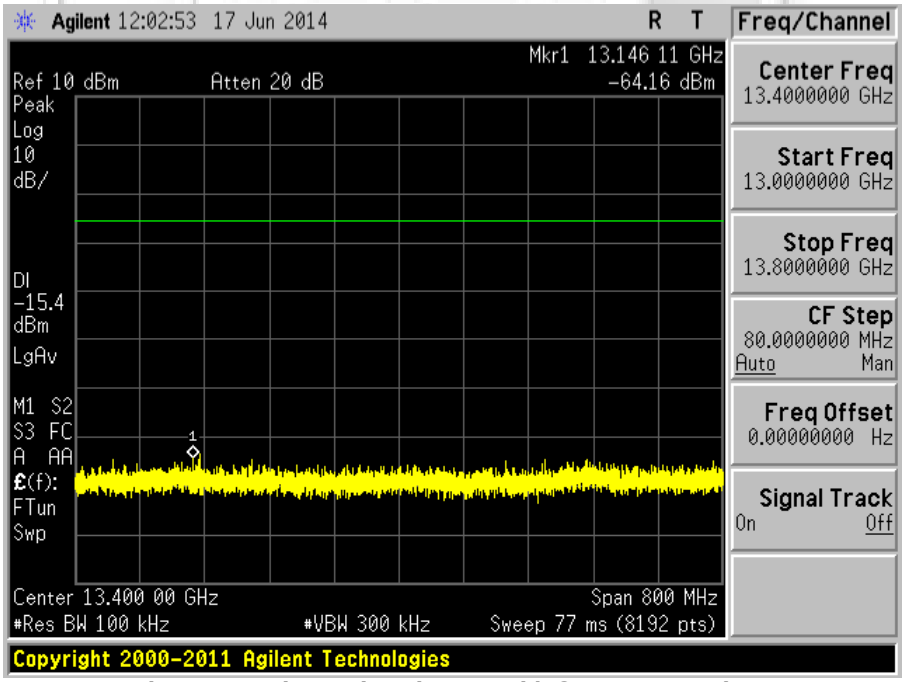


Plot 285 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

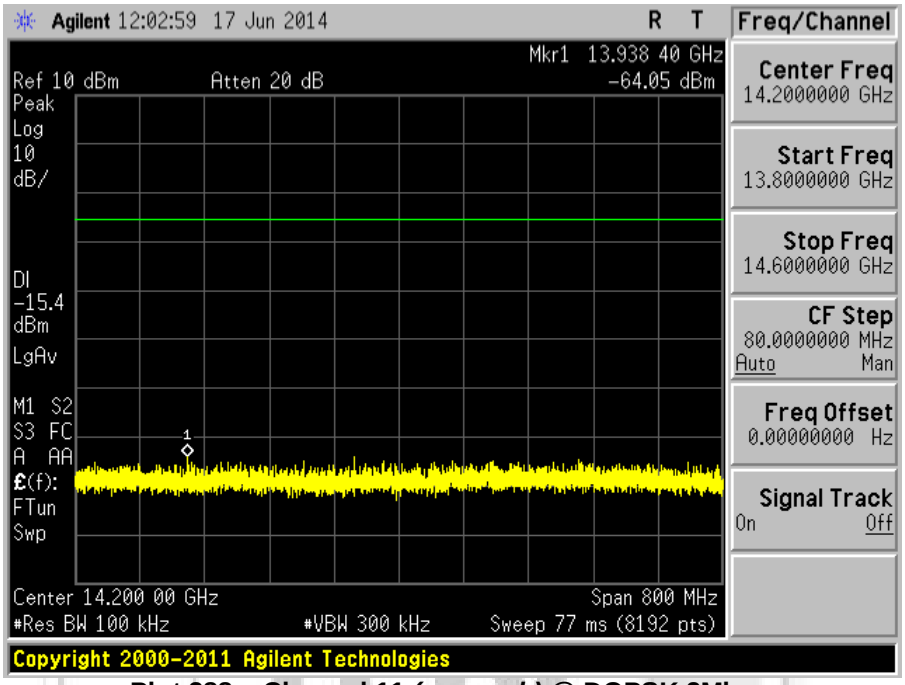


Plot 286 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

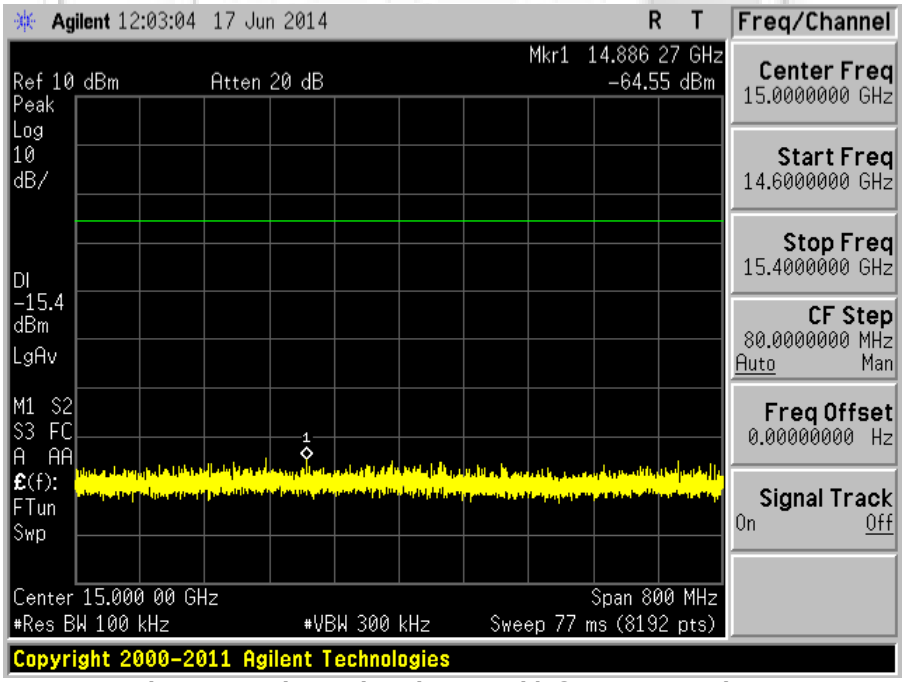


Plot 287 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

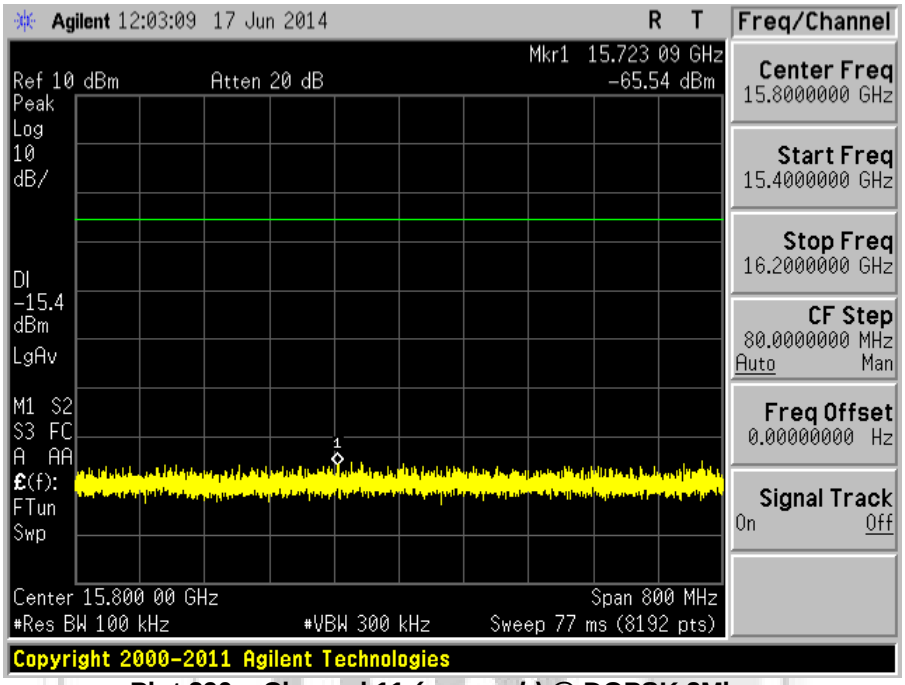


Plot 288 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

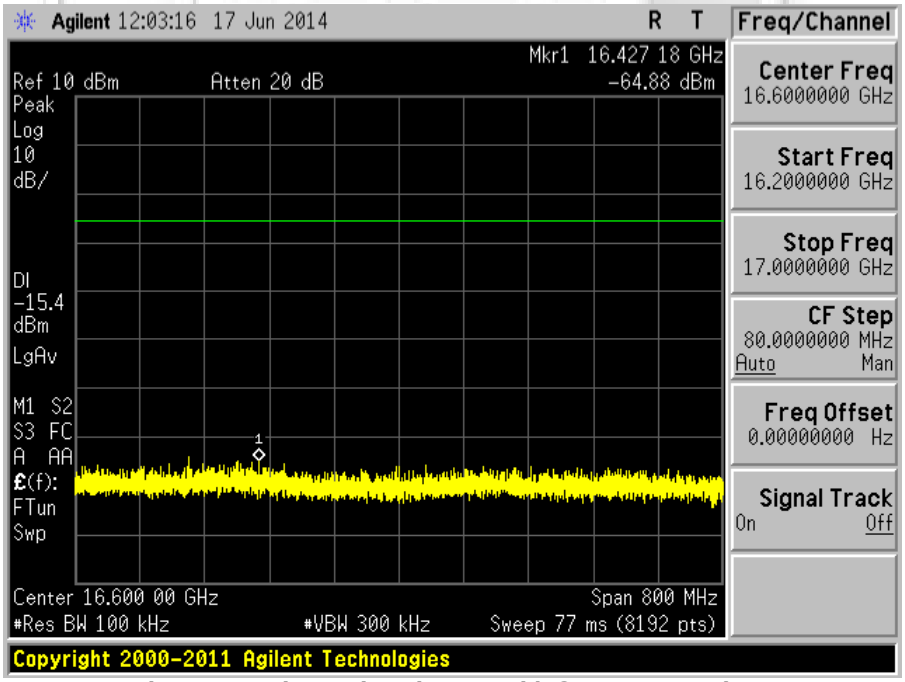


Plot 289 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

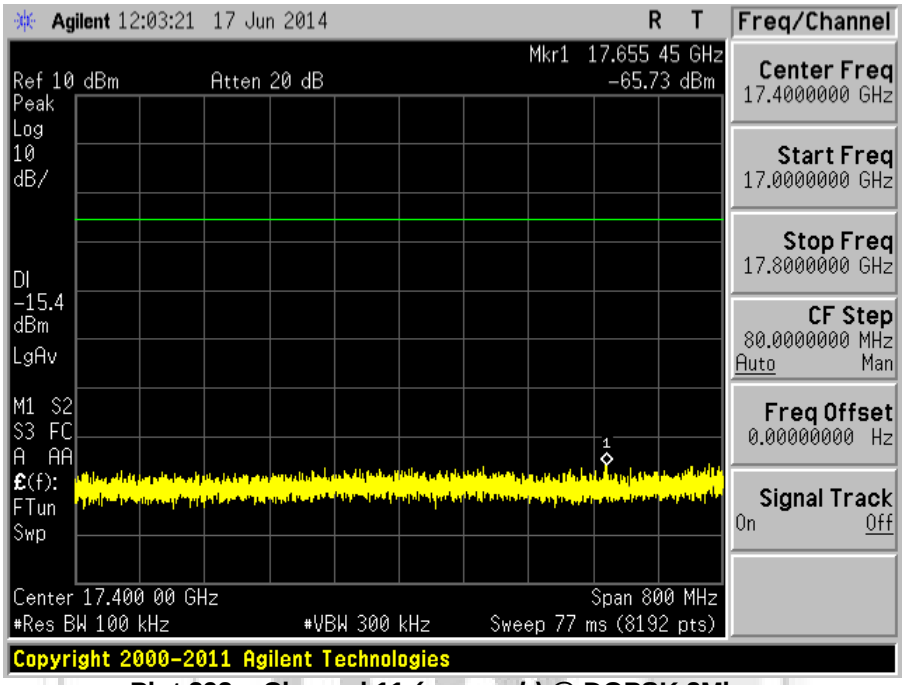


Plot 290 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

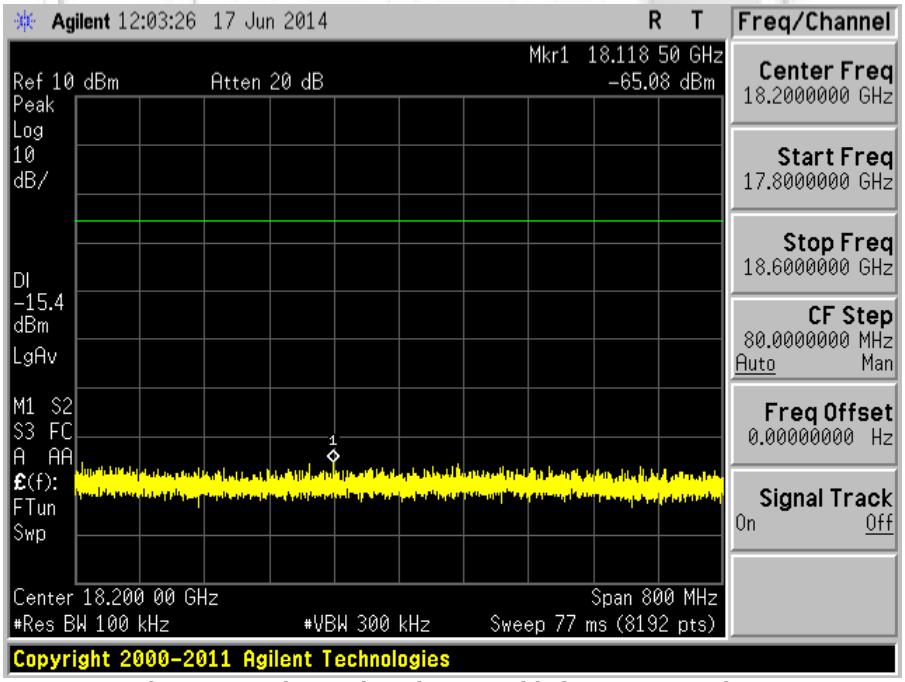


Plot 291 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

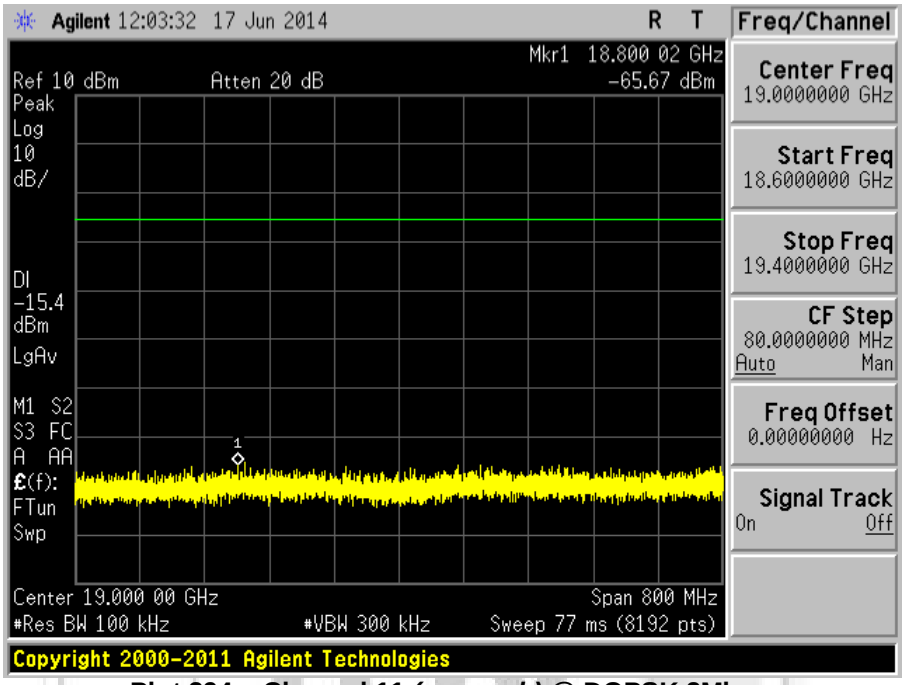


Plot 292 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

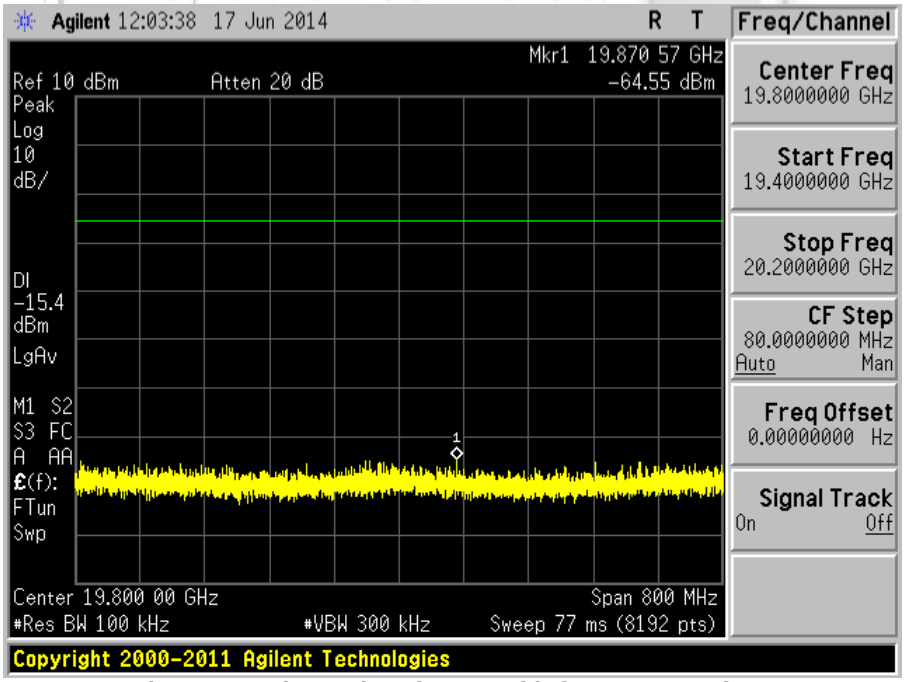


Plot 293 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

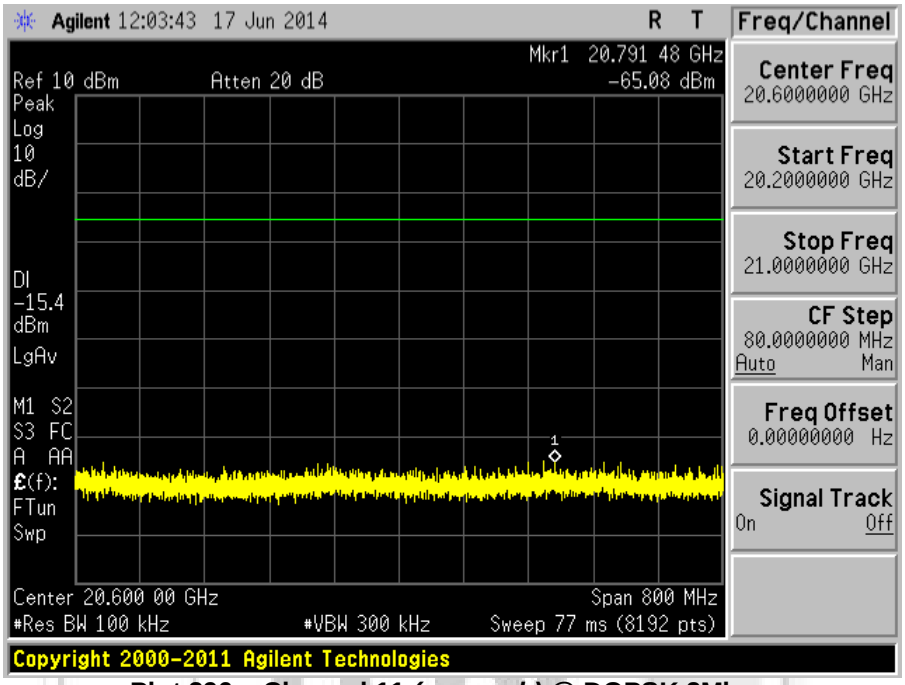


Plot 294 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

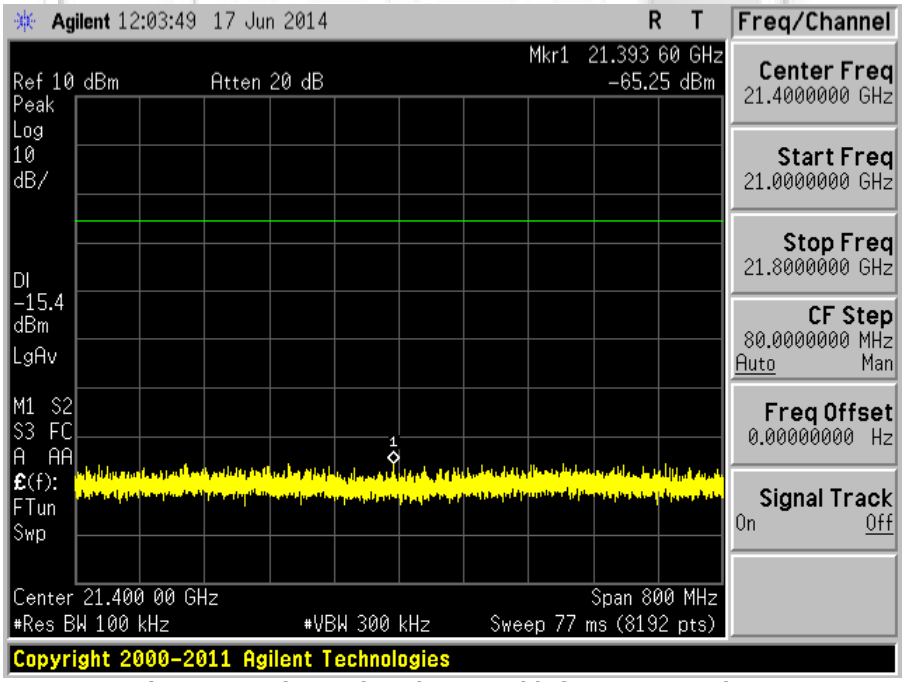


Plot 295 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

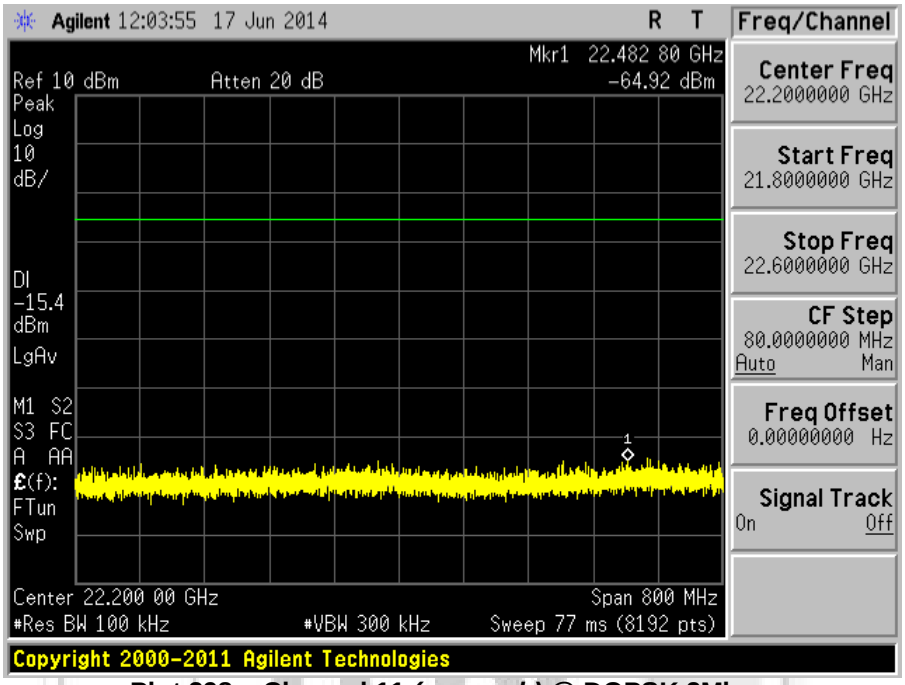


Plot 296 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

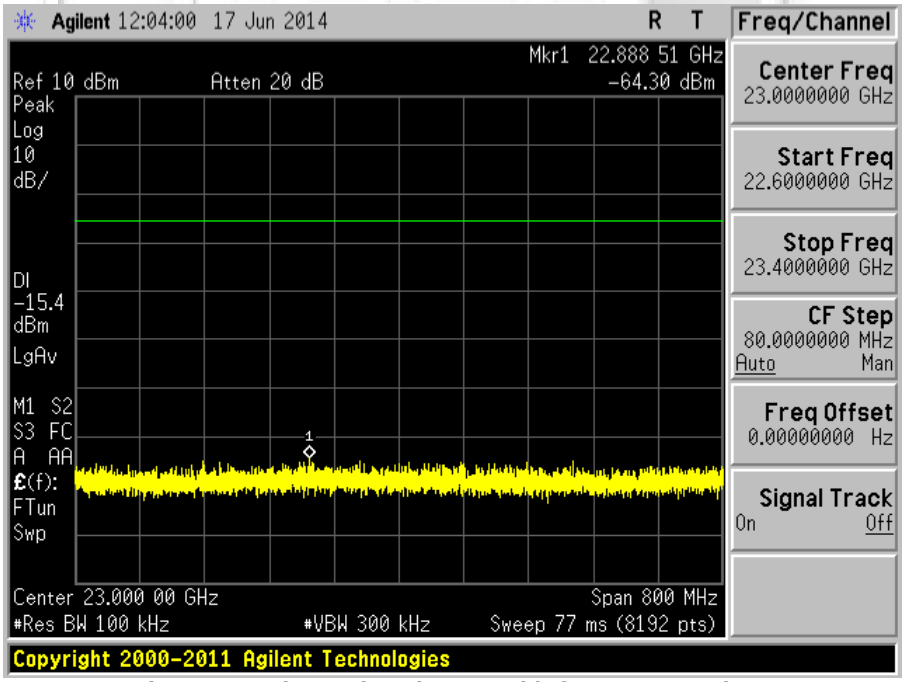


Plot 297 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

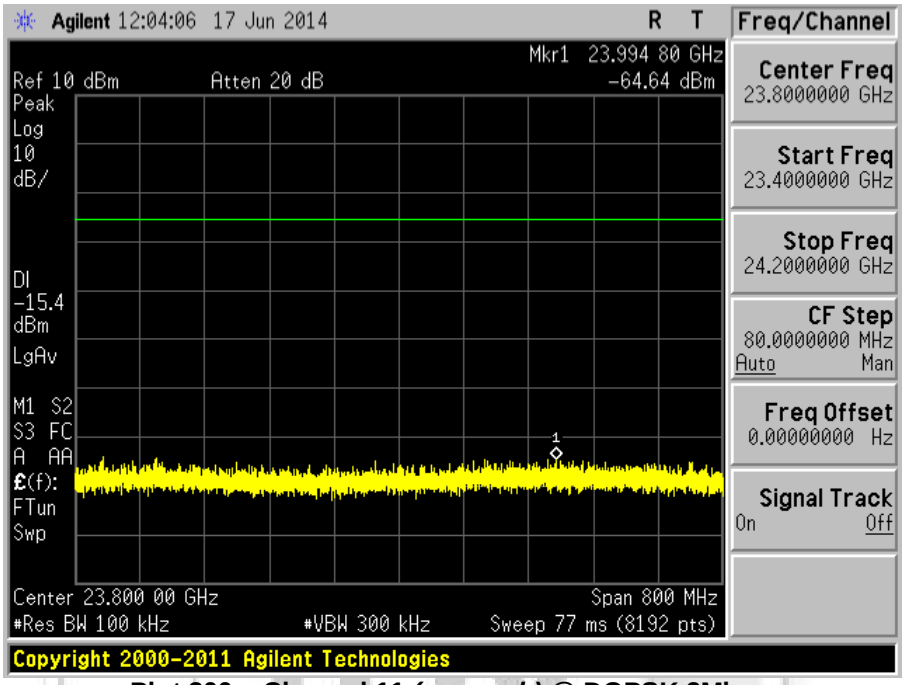


Plot 298 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

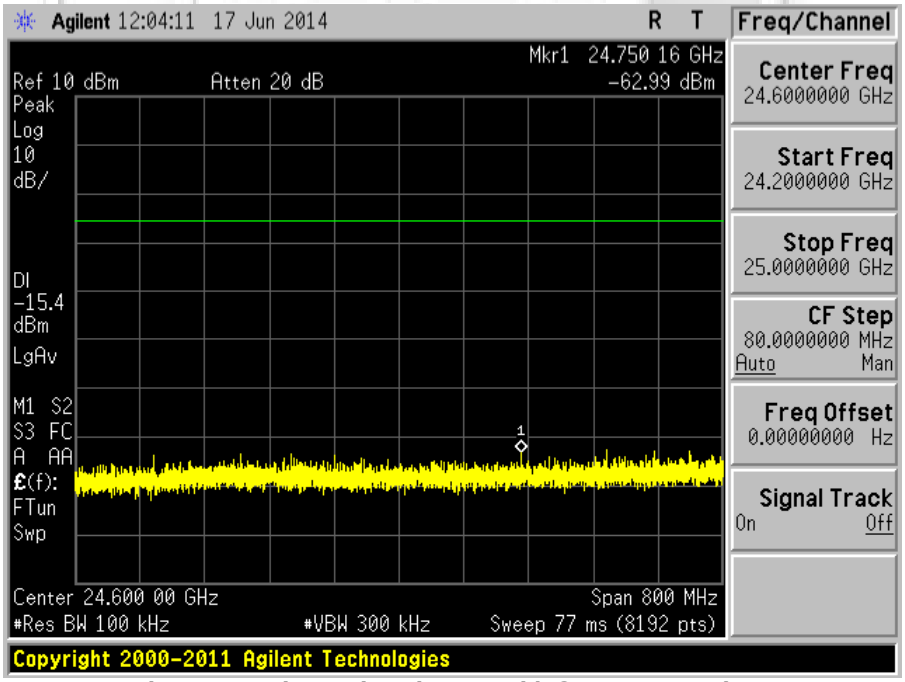


Plot 299 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

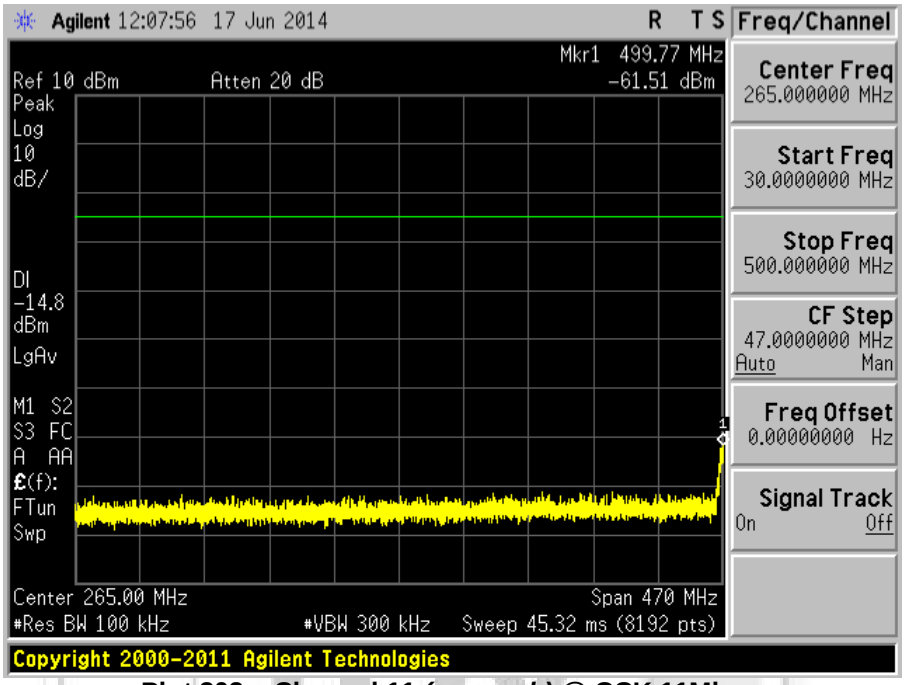


Plot 300 – Channel 11 *(upper ch)* @ DQPSK 2Mbps

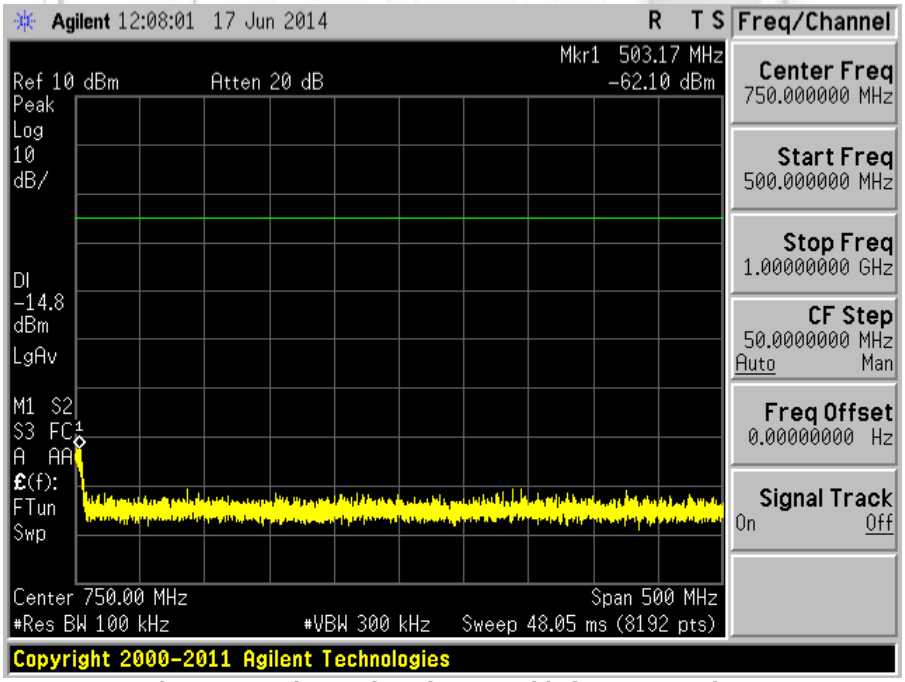


Plot 301 – Channel 11 (*upper ch)* @ DQPSK 2Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

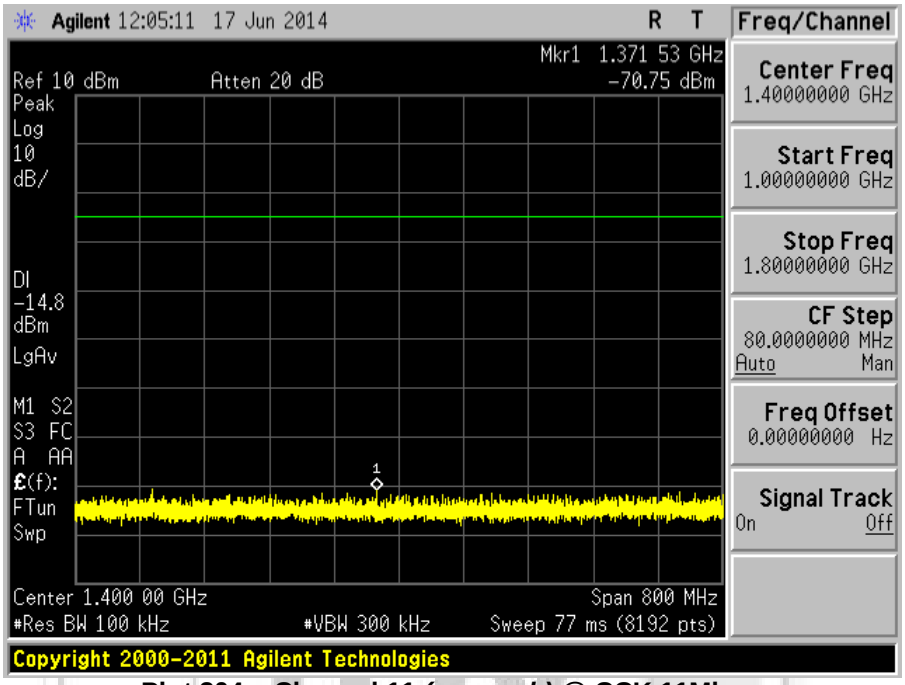


Plot 302 – Channel 11 *(upper ch)* @ CCK 11Mbps

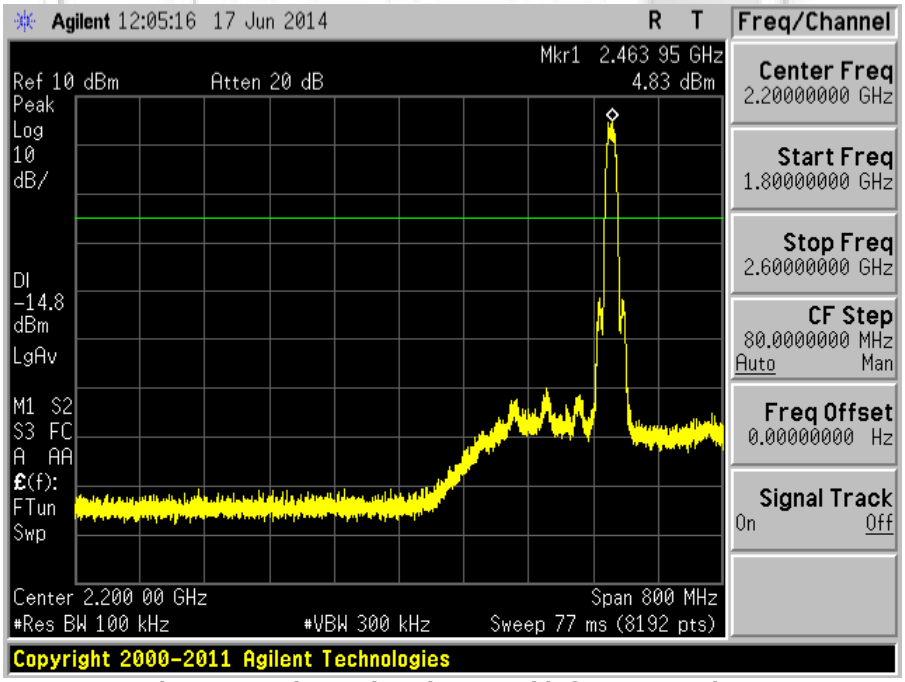


Plot 303 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

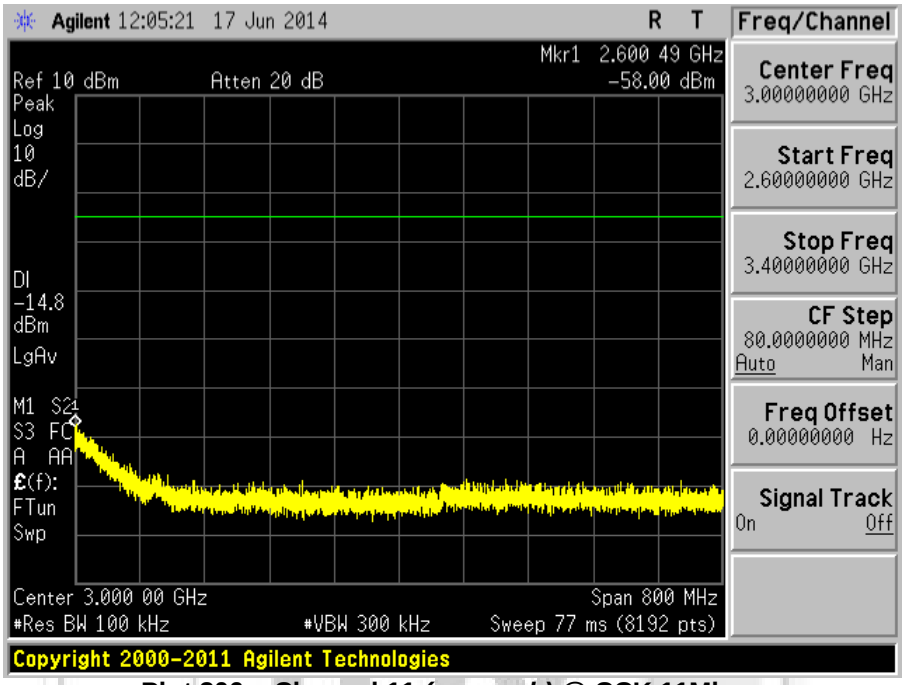


Plot 304 – Channel 11 *(upper ch)* @ CCK 11Mbps

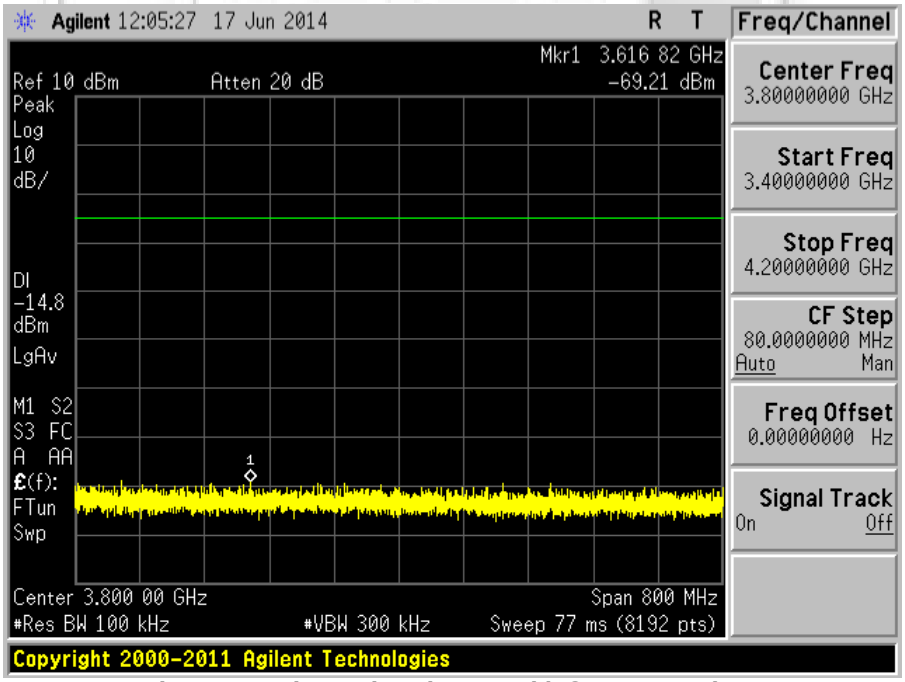


Plot 305 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

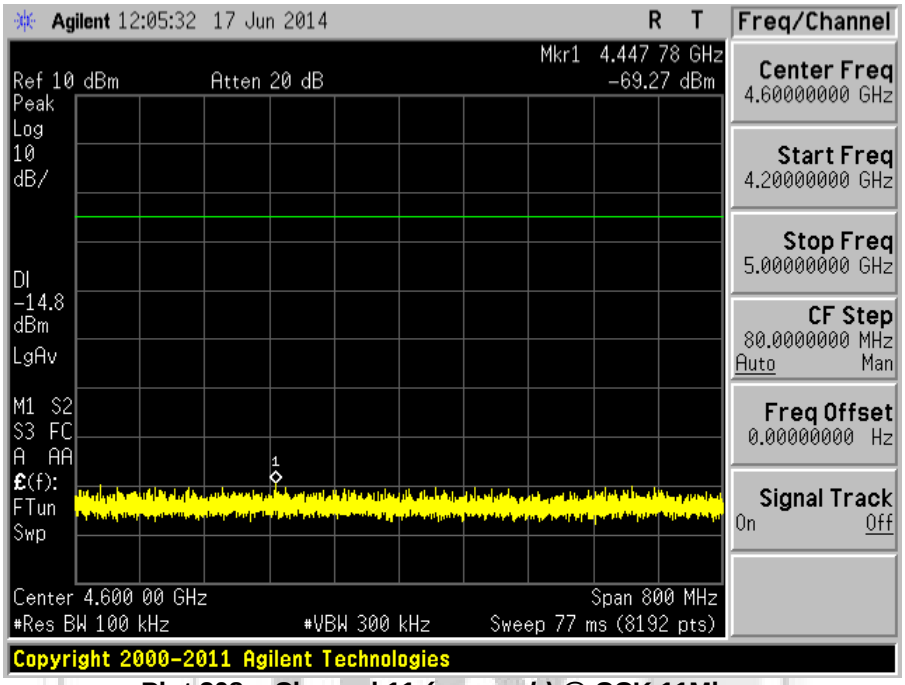


Plot 306 – Channel 11 *(upper ch)* @ CCK 11Mbps

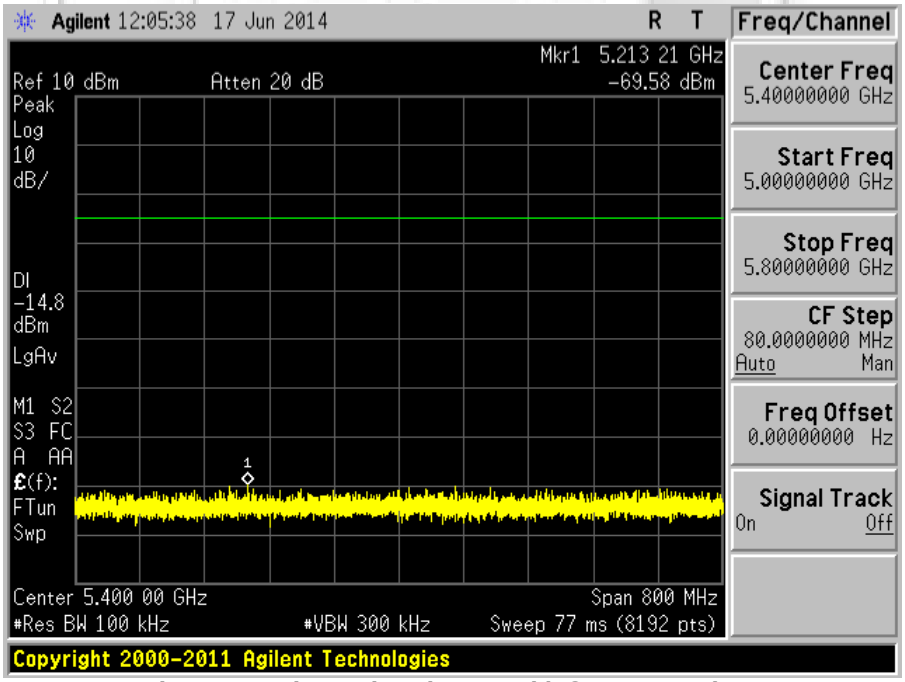


Plot 307 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

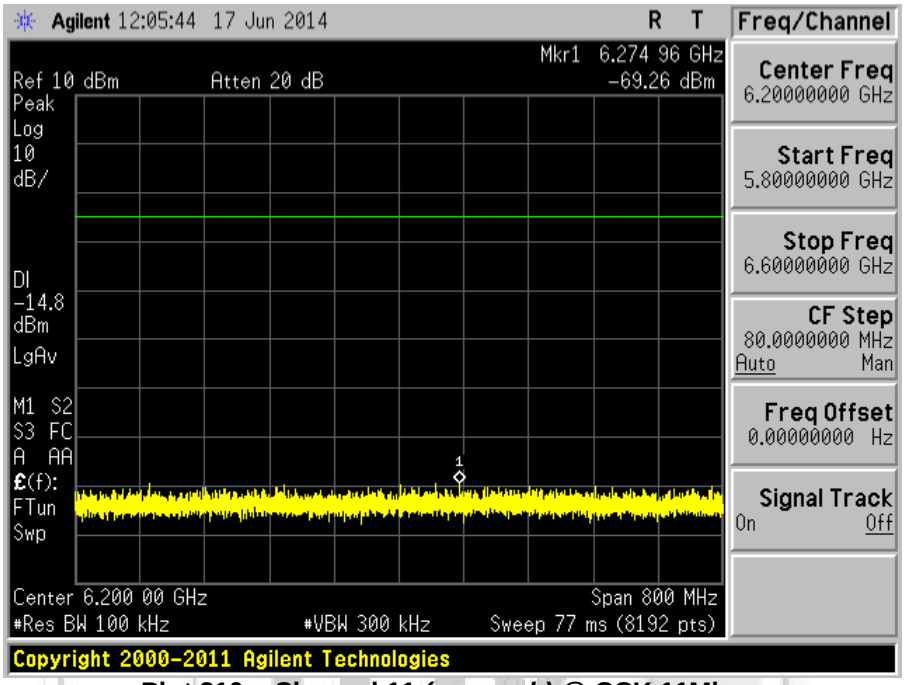


Plot 308 – Channel 11 *(upper ch)* @ CCK 11Mbps

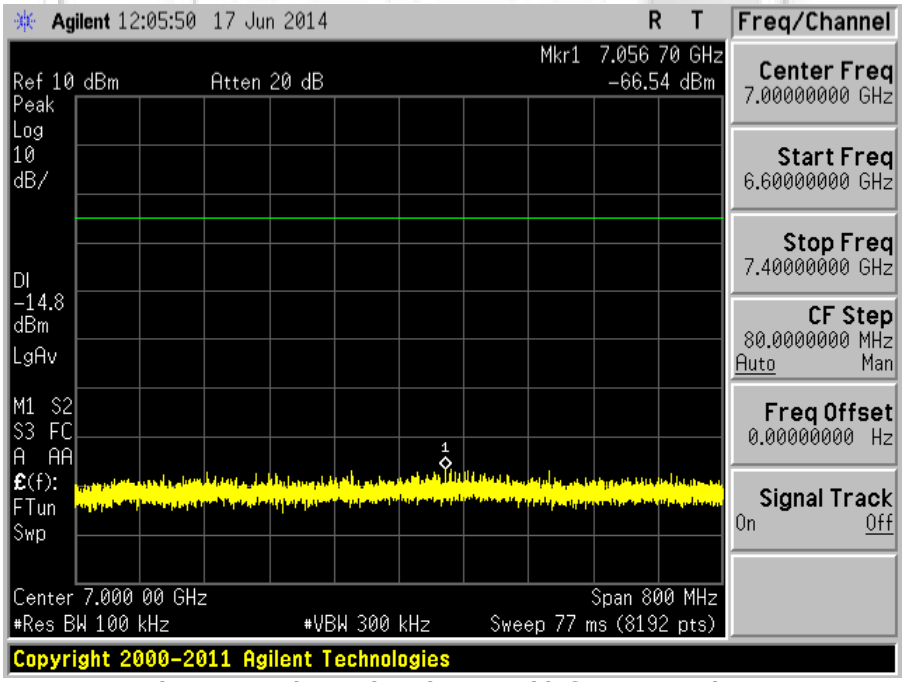


Plot 309 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

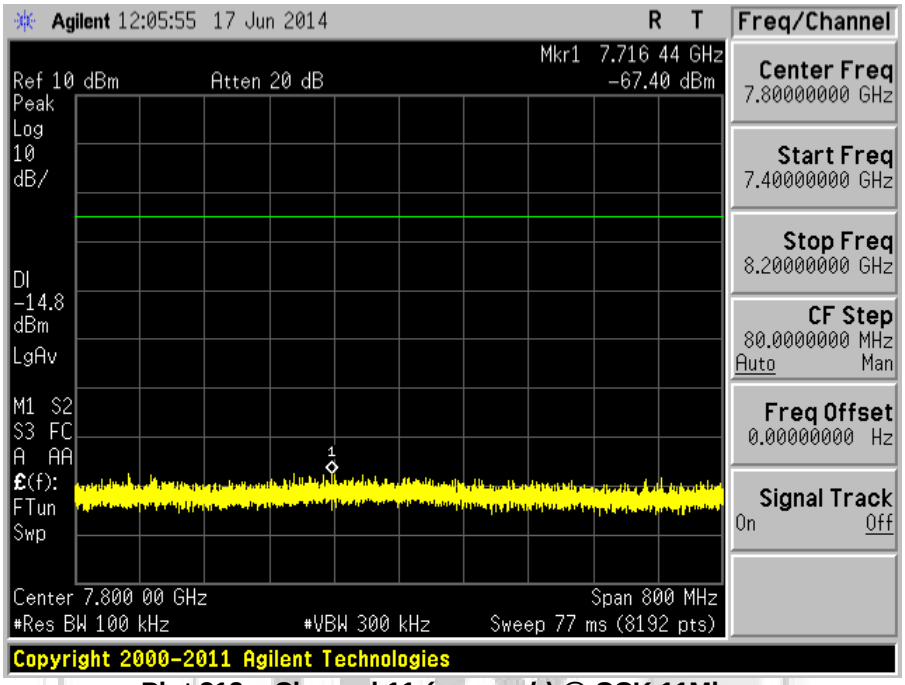


Plot 310 – Channel 11 *(upper ch)* @ CCK 11Mbps

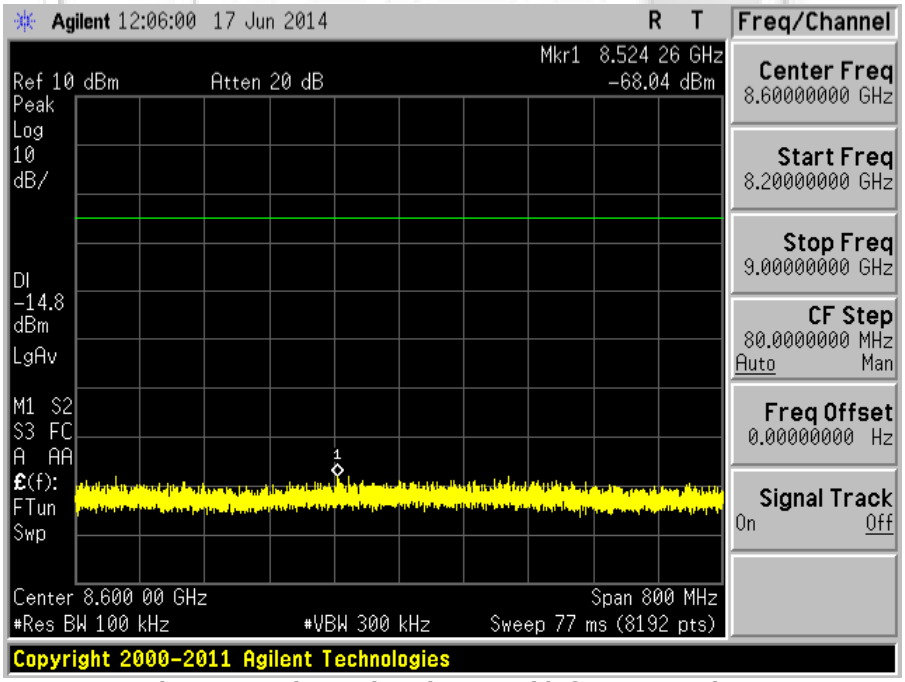


Plot 311 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

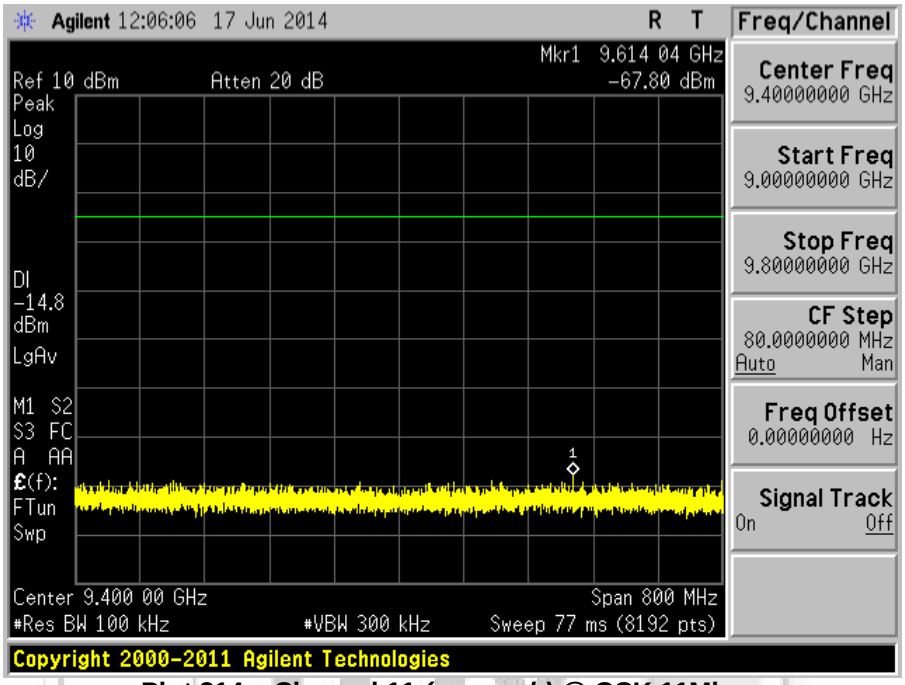


Plot 312 – Channel 11 *(upper ch)* @ CCK 11Mbps

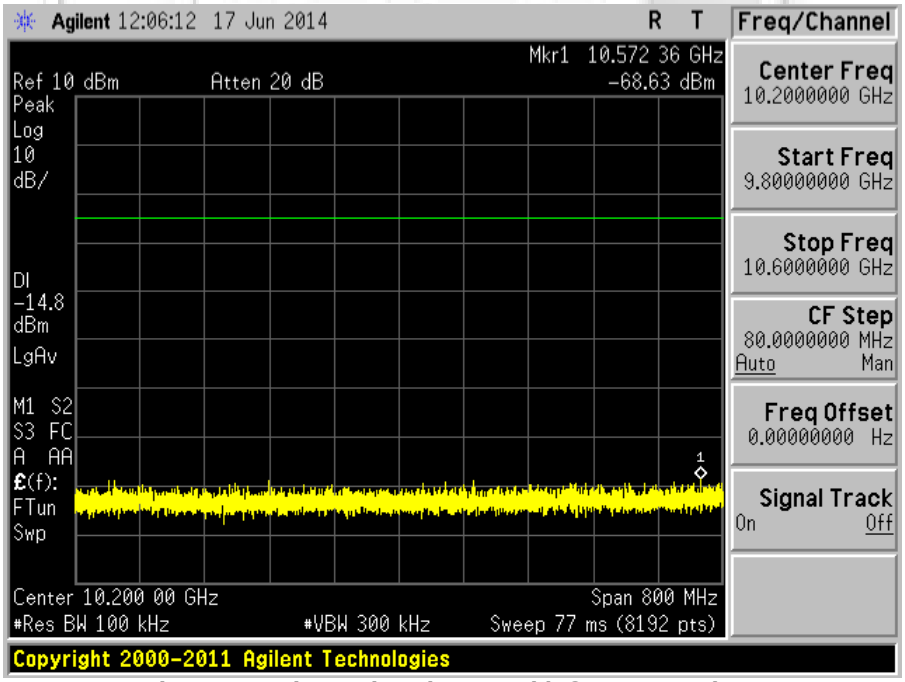


Plot 313 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

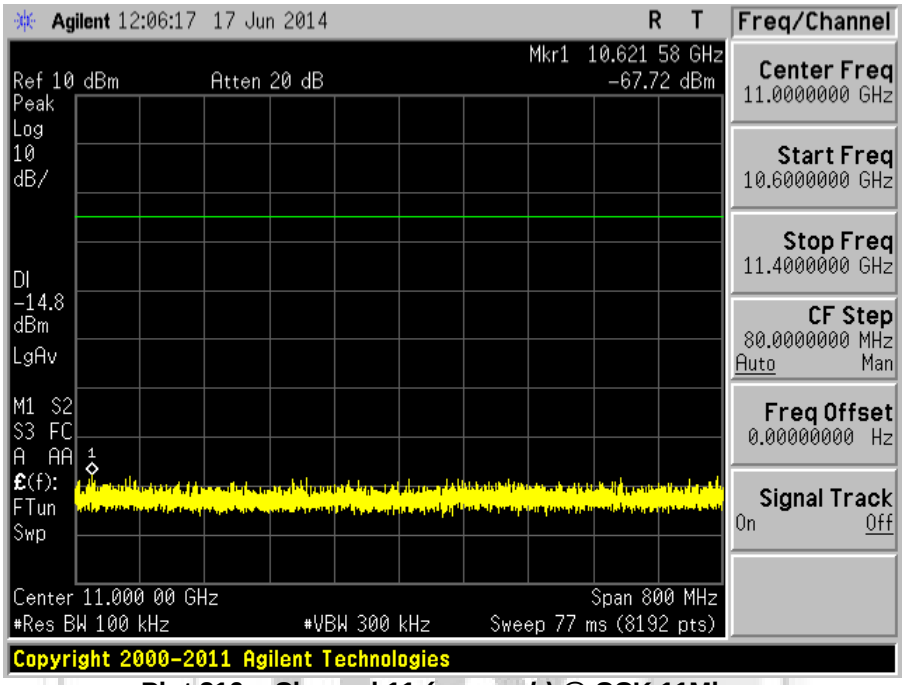


Plot 314 – Channel 11 *(upper ch)* @ CCK 11Mbps

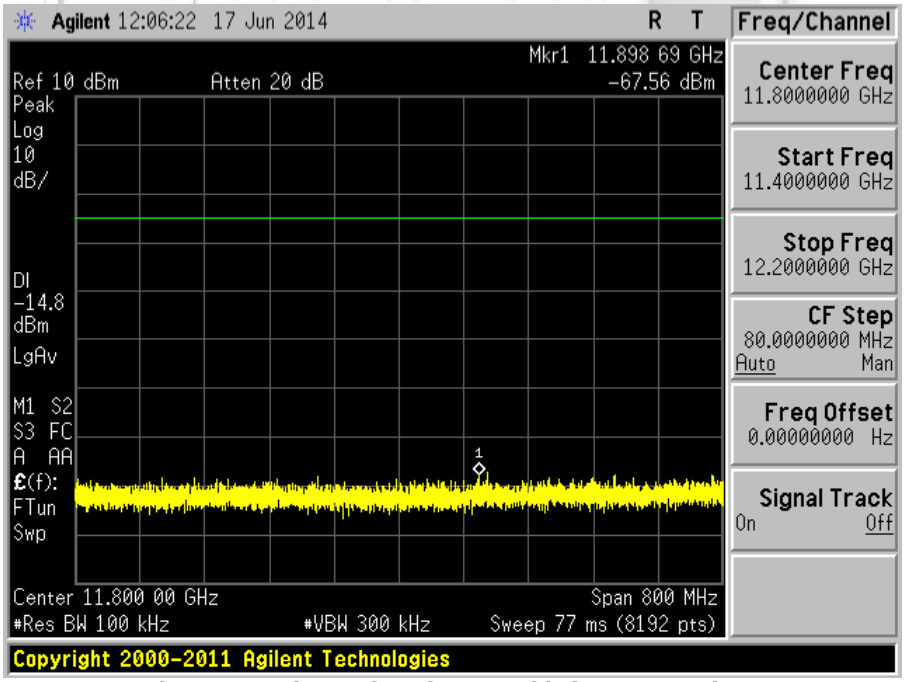


Plot 315 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

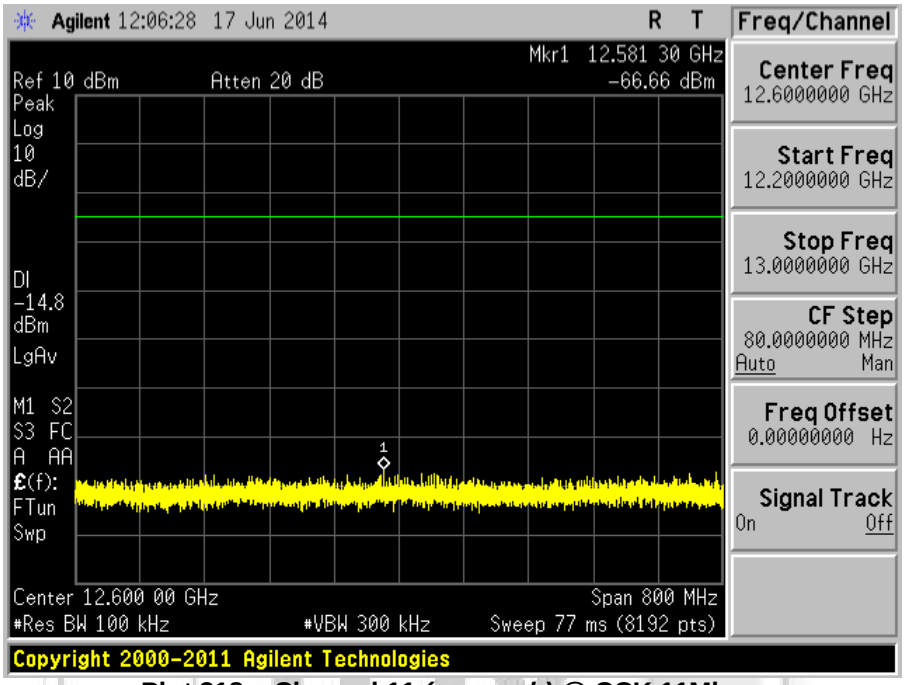


Plot 316 – Channel 11 *(upper ch)* @ CCK 11Mbps

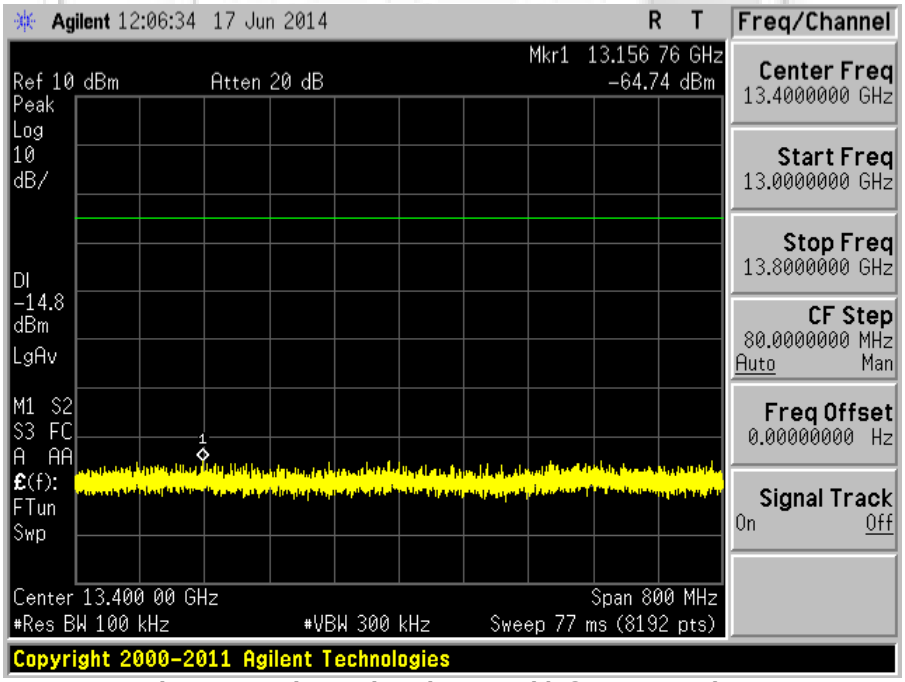


Plot 317 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

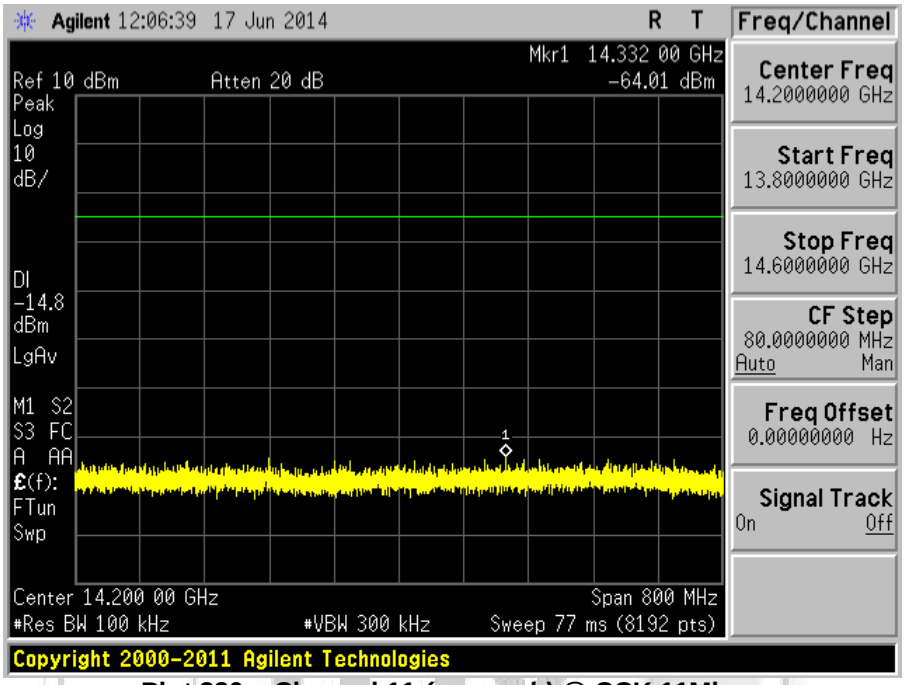


Plot 318 – Channel 11 *(upper ch)* @ CCK 11Mbps

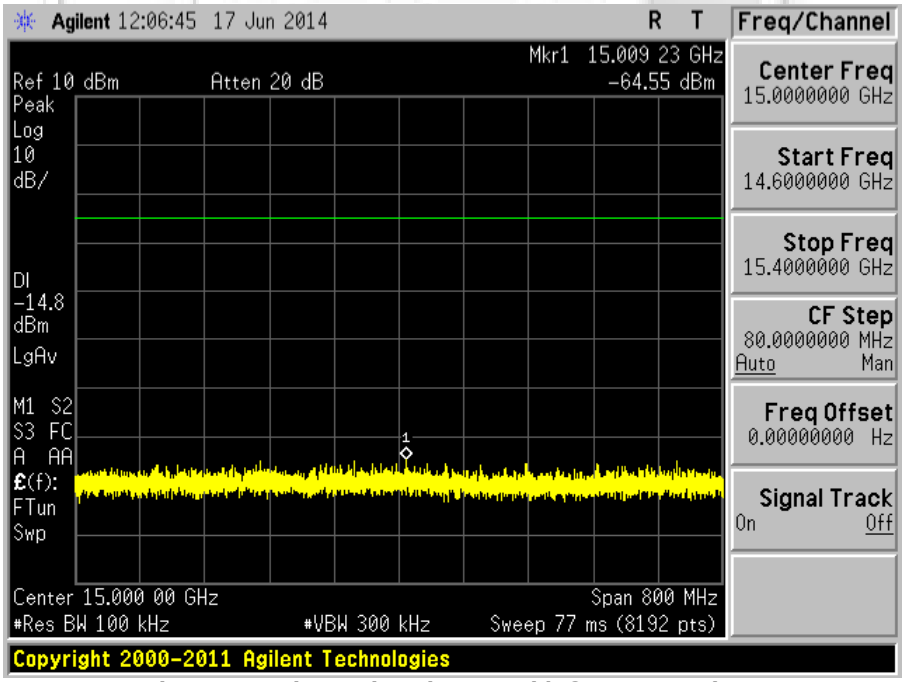


Plot 319 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

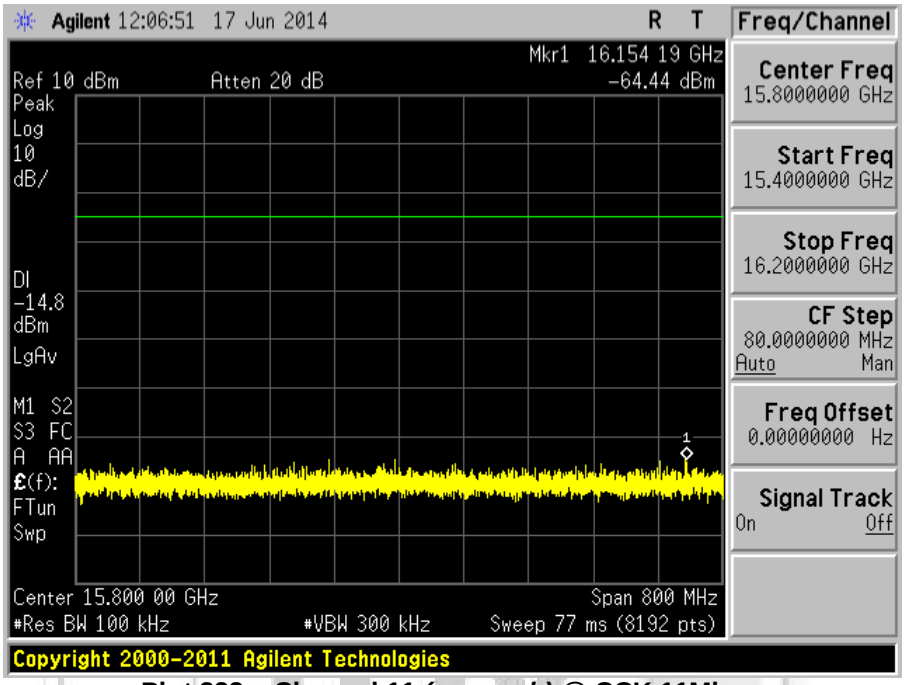


Plot 320 – Channel 11 *(upper ch)* @ CCK 11Mbps

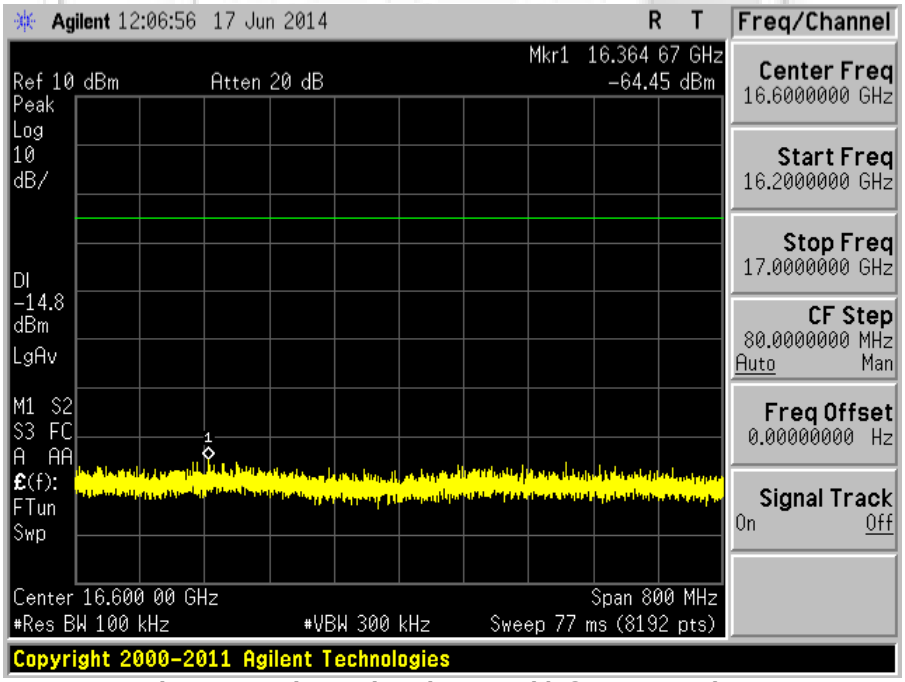


Plot 321 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

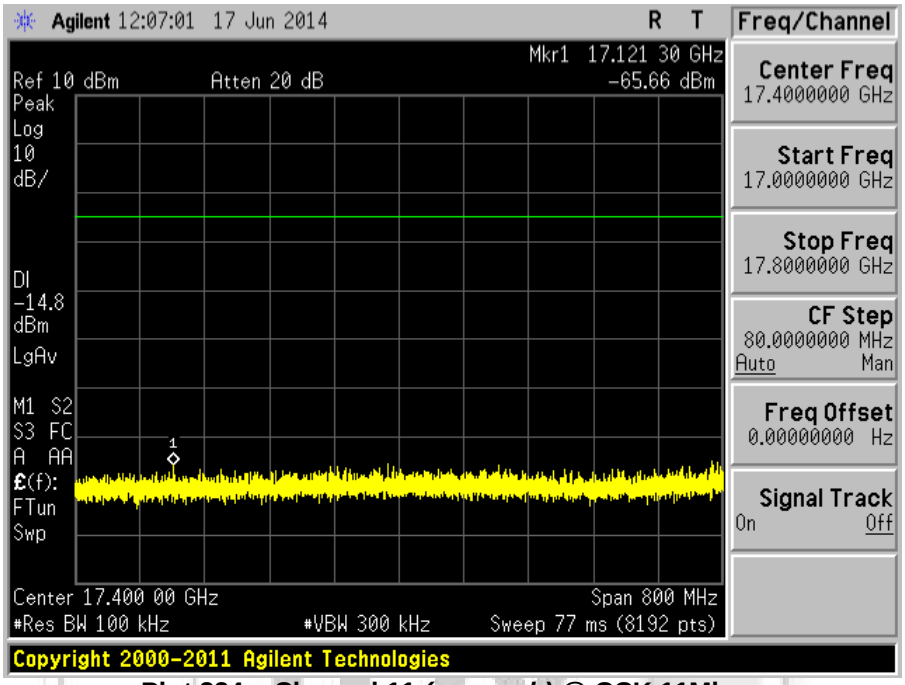


Plot 322 – Channel 11 *(upper ch)* @ CCK 11Mbps

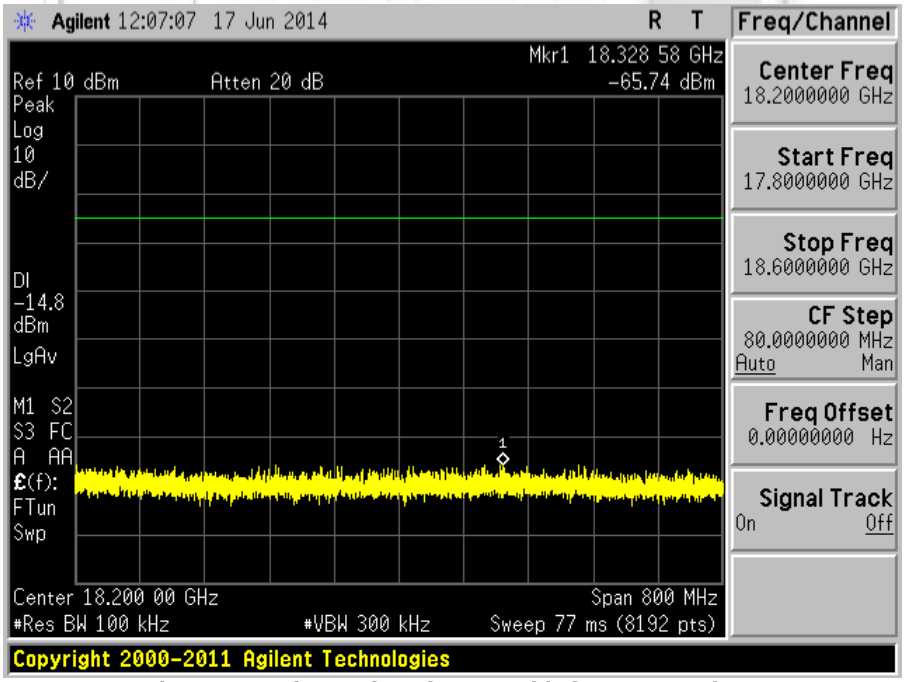


Plot 323 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

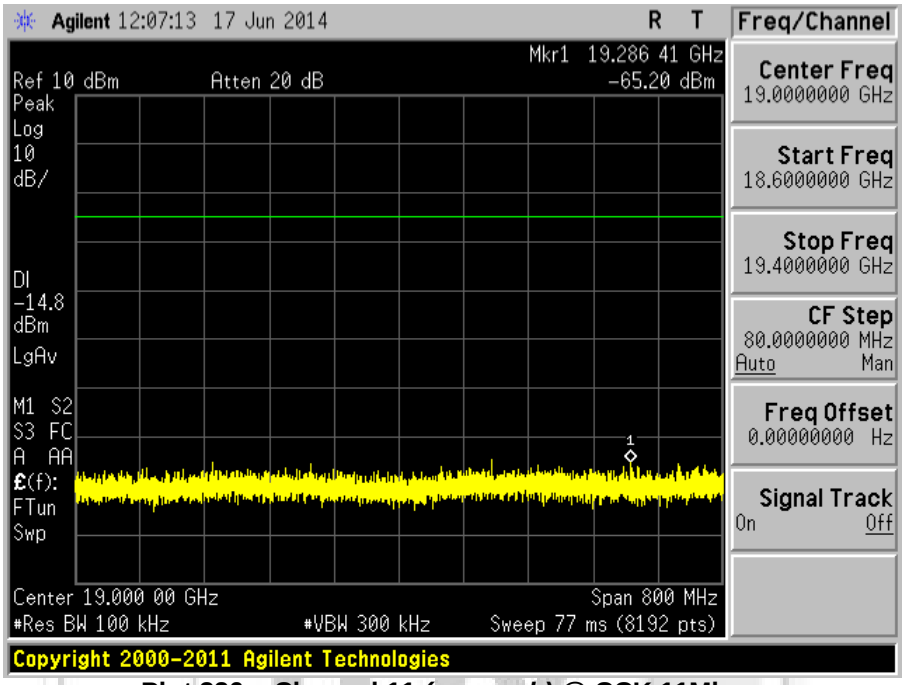


Plot 324 – Channel 11 *(upper ch)* @ CCK 11Mbps

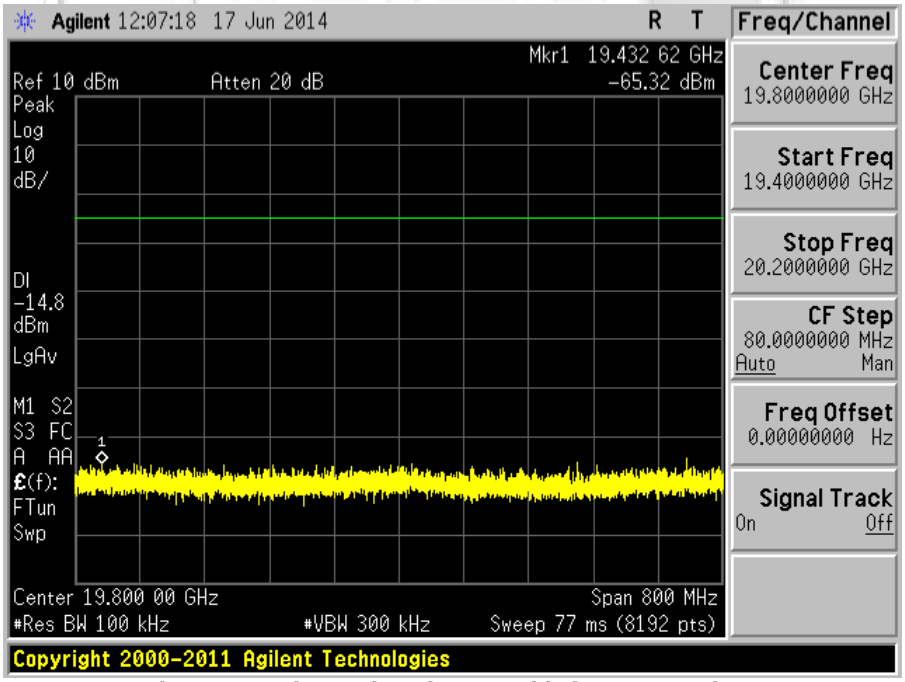


Plot 325 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

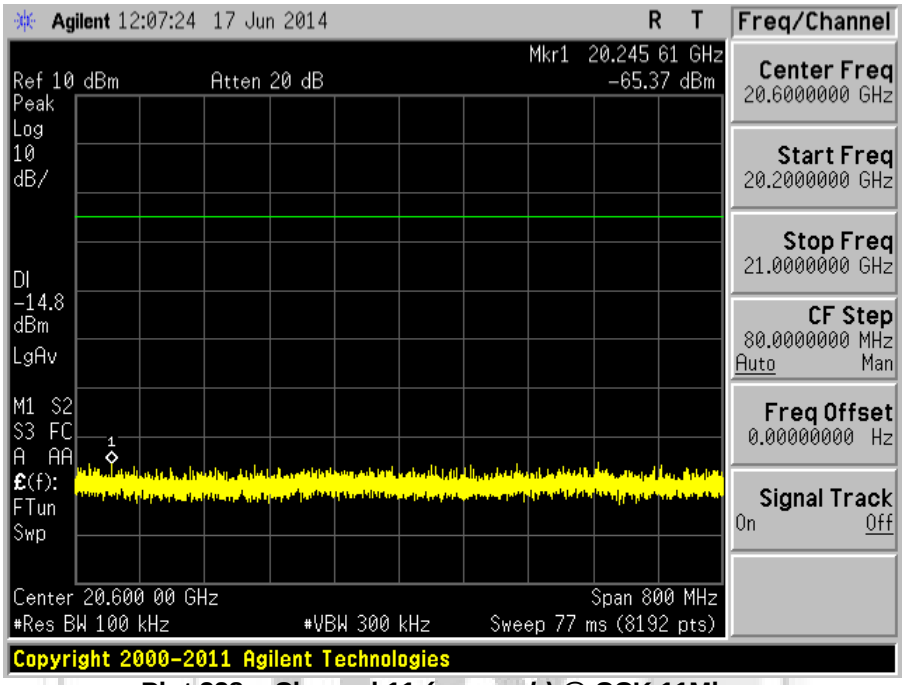


Plot 326 – Channel 11 *(upper ch)* @ CCK 11Mbps

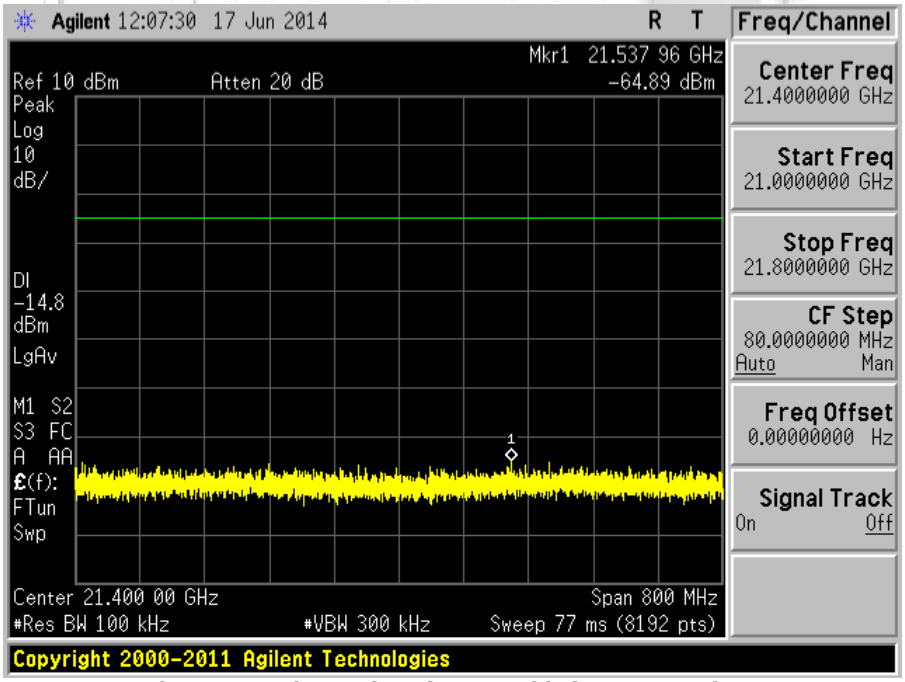


Plot 327 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

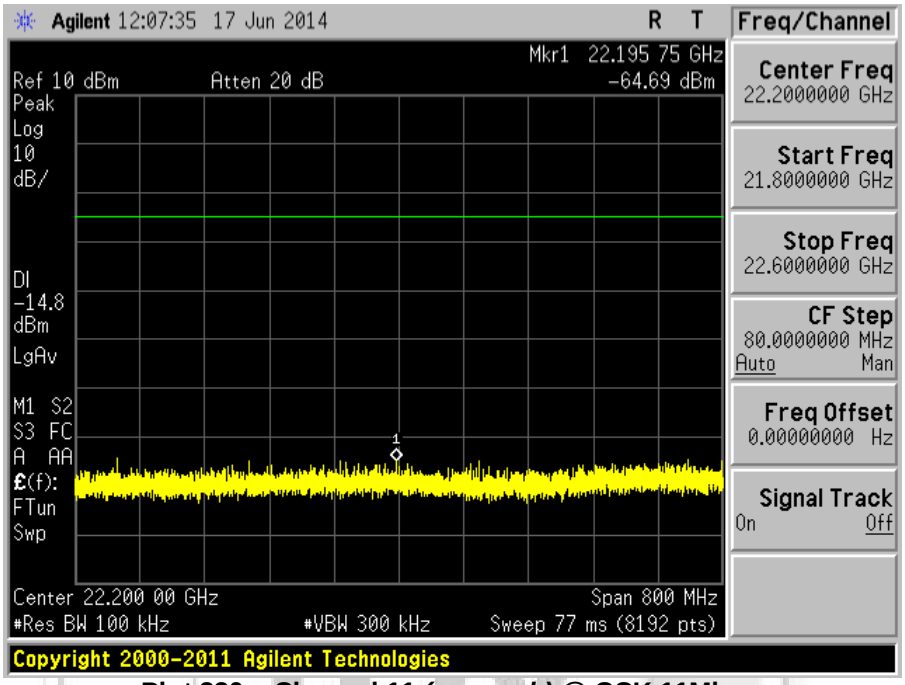


Plot 328 – Channel 11 *(upper ch)* @ CCK 11Mbps

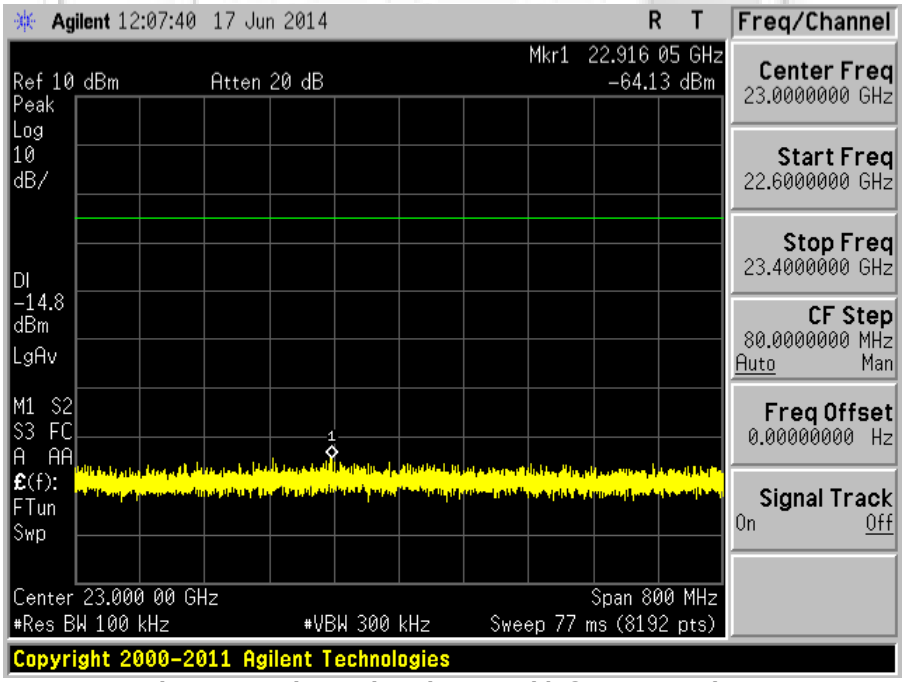


Plot 329 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b

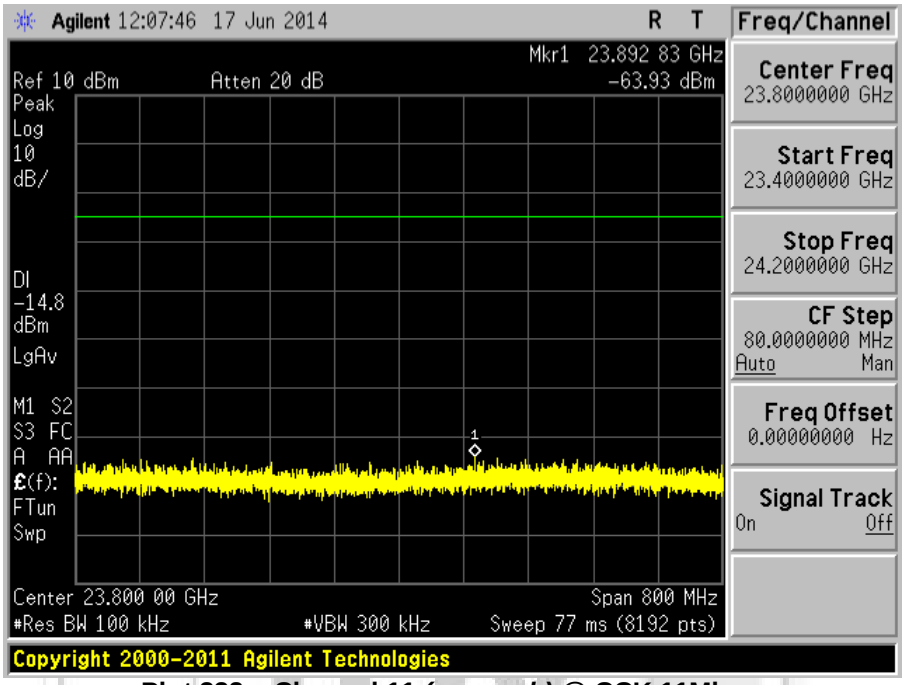


Plot 330 – Channel 11 *(upper ch)* @ CCK 11Mbps

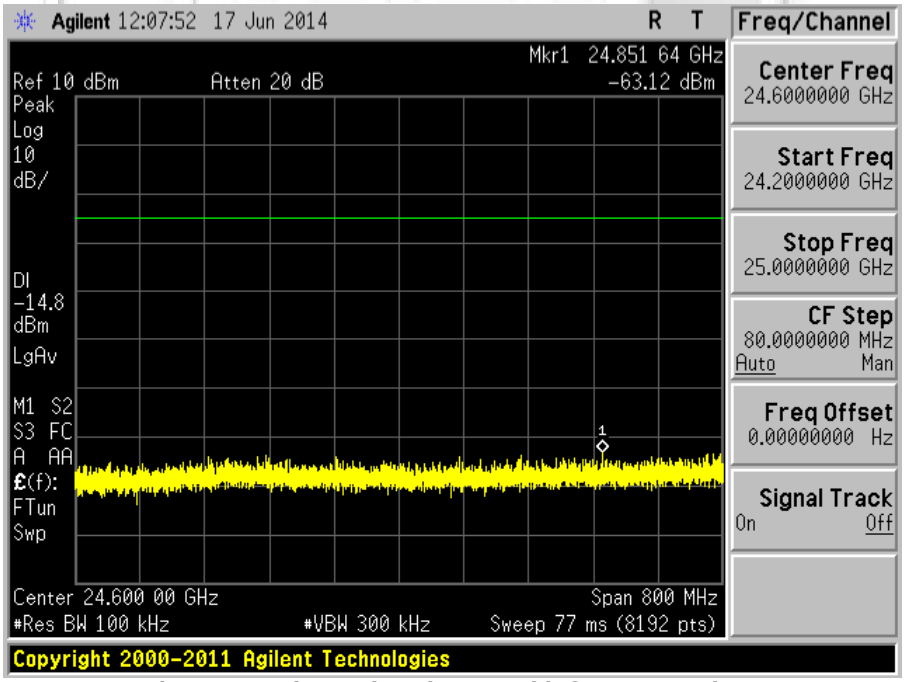


Plot 331 – Channel 11 (*upper ch)* @ CCK 11Mbps

RF Conducted Spurious Emissions (Non-Restricted Bands) Plots
802.11b



Plot 332 – Channel 11 *(upper ch)* @ CCK 11Mbps



Plot 333 – Channel 11 (*upper ch)* @ CCK 11Mbps