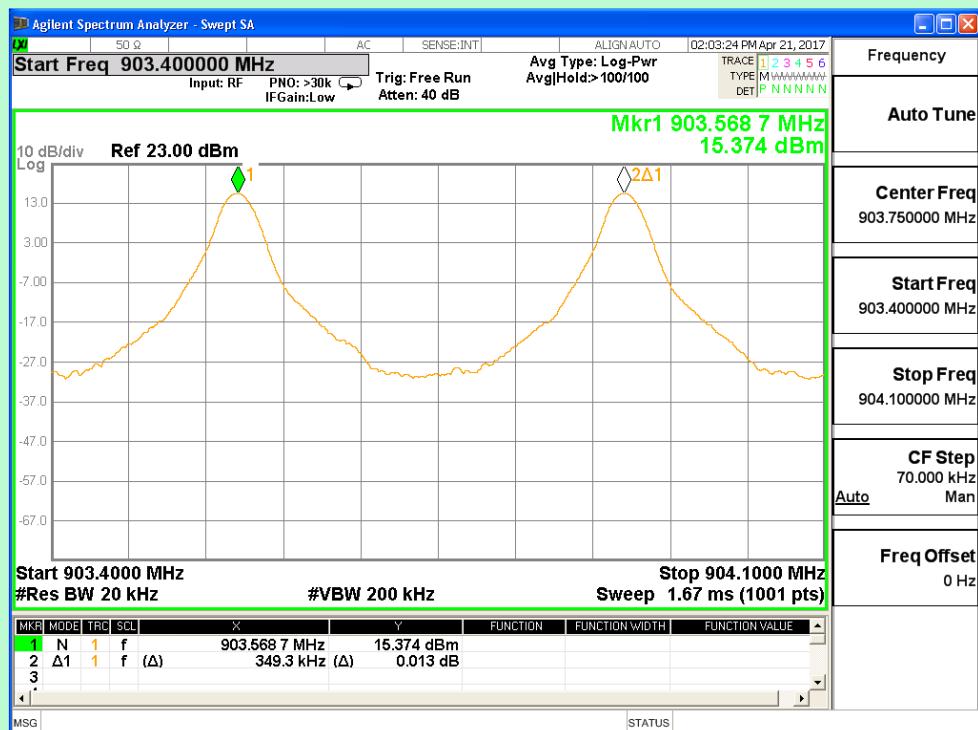


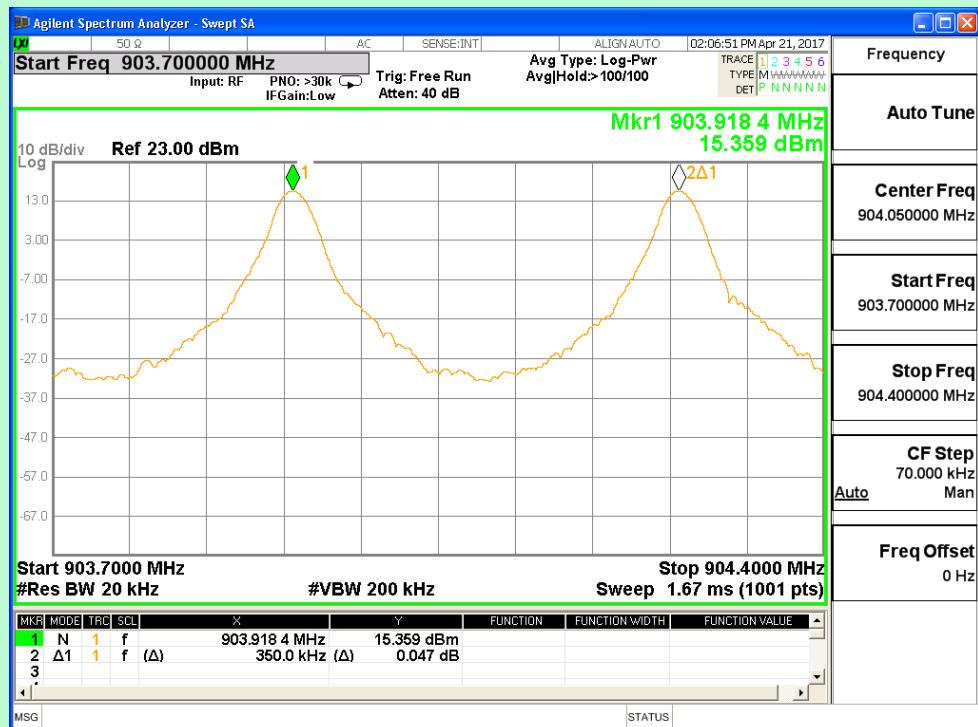
| 2.3 CARRIER FREQUENCY SEPERATION | | | |
|---|---|---|-----------|
| EUT Nomenclature | Wireless AV Base | Test Request No. | EMC0209-1 |
| Model No. | WAV-RL | Serial No. | AV-RF202 |
| Test Start Date | 21-Apr-2017 | Temperature (°C) | 23.6 °C |
| Test End Date | 21-Apr-2017 | Humidity RH (%) | 51.9%RH |
| Tested By | Sasikala | Pressure (mbar) | NR |
| Input Voltage / Freq. | 3.3Vdc | | |
| Operating Mode | Refer Page 5 for Operating Mode Table | | |
| Test configuration | Refer Page 5 for Test Configuration Table | | |
| Deviation from Std. | NA | | |
| Applicable standard | FCC Part 15.247:2010 | | |
| Test Method | DA 00-705 | | |
| Comment | NA | | |
| TEST DETAILS | | | |
| Method | Radiated <input type="checkbox"/> | Conducted <input checked="" type="checkbox"/> | |
| TEST PARAMETERS | | | |
| Antenna Height | NA | Turntable Rotation | NA |
| Equipment Class | NA | Measurement Distance | NA |

| TEST EQUIPMENT | | | | | |
|-----------------------|-------------------|---------------|----------------------|----------------|---------------------|
| Y/N | Equipment | Make | Model | SI. No. | Cal Due Date |
| Y | Spectrum Analyzer | Agilent | N9010A | MY48031005 | 22-Feb-2018 |
| Y | RF Cable | Huber- Suhner | SF104/2X11PC3542/500 | NA | NA |

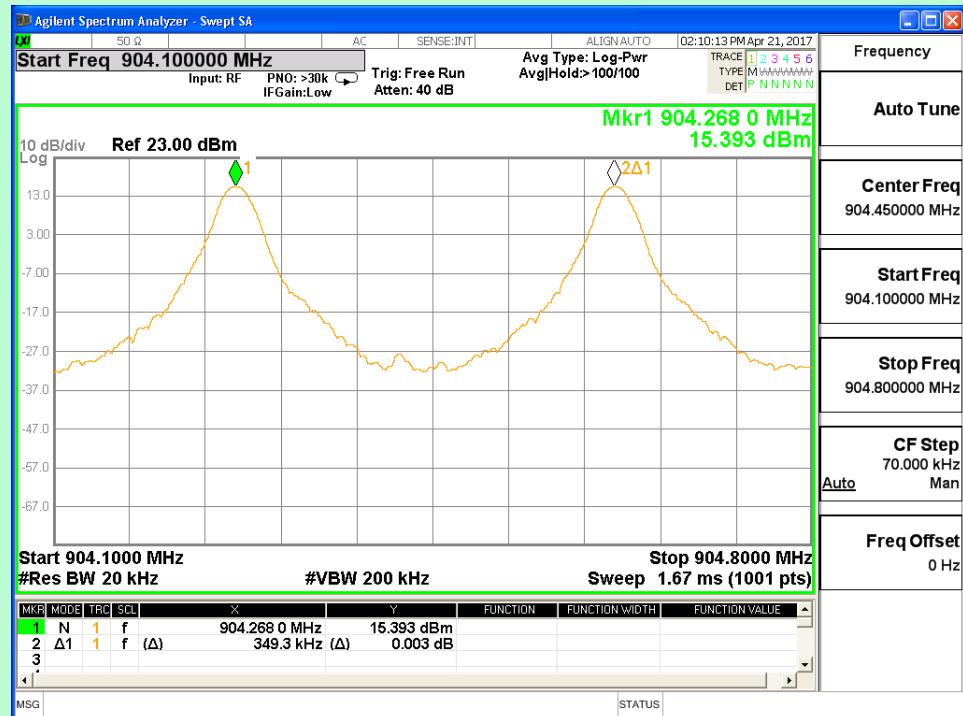
TEST GRAPHS



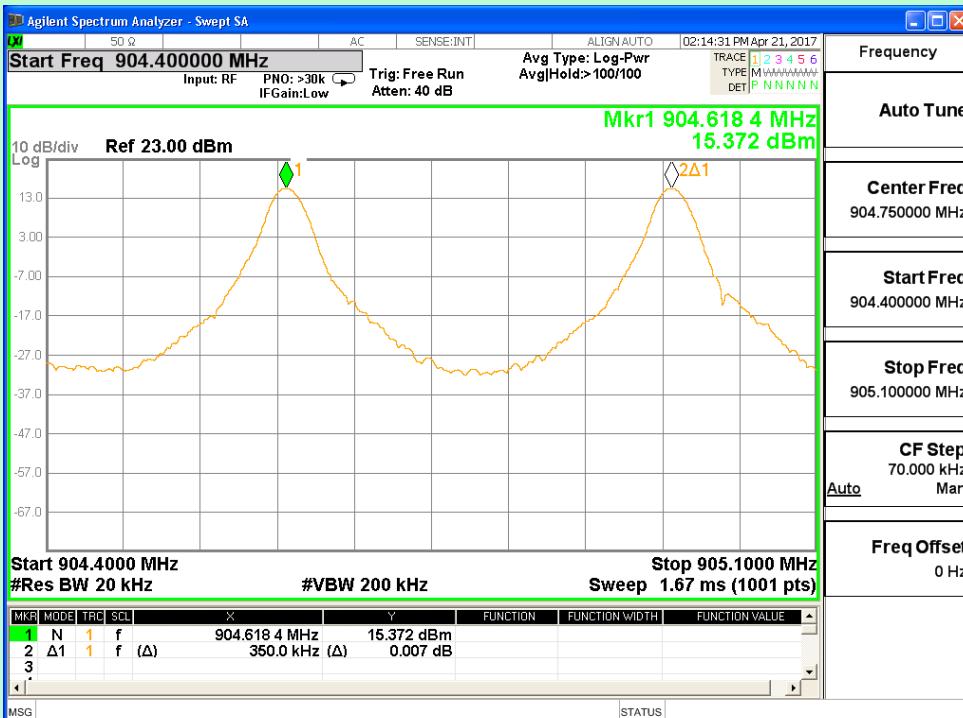
Channel 1 and 2



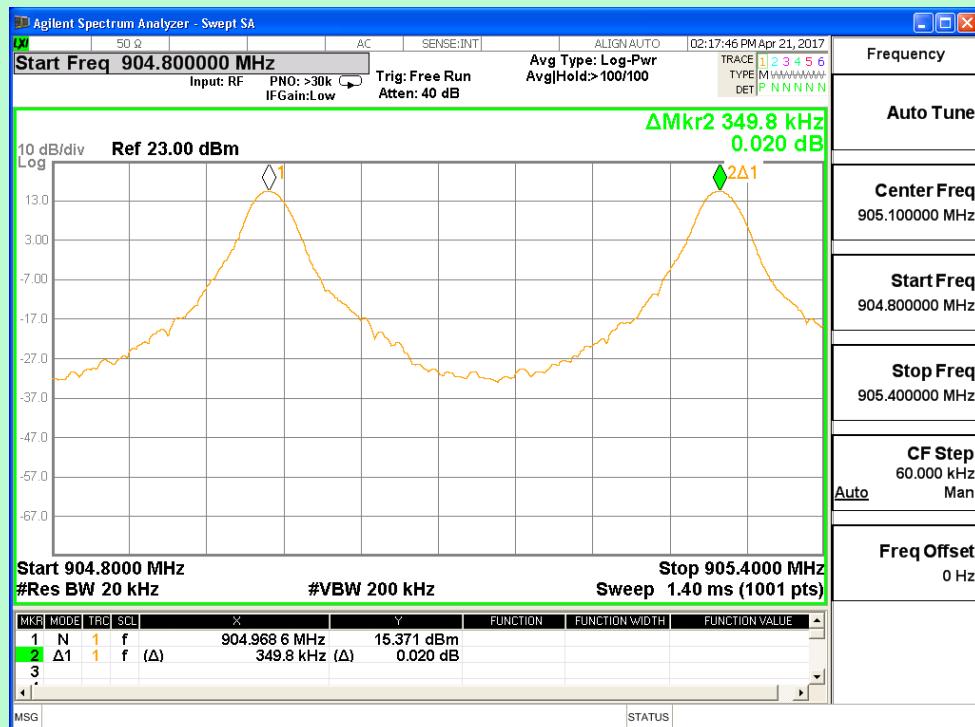
Channel 2 and 3



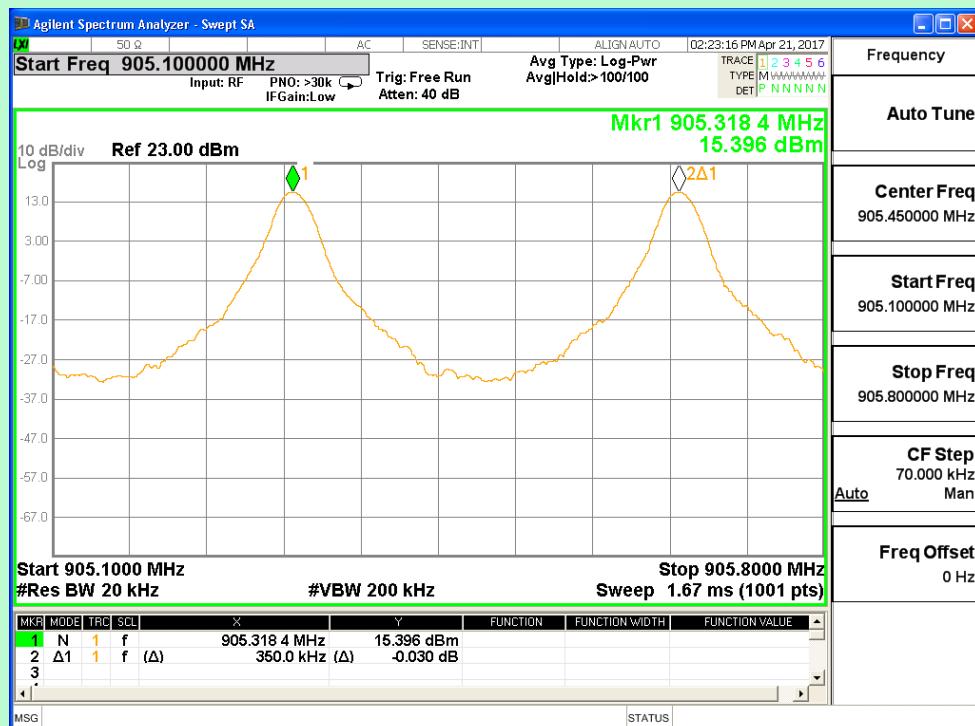
Channel 3 and 4



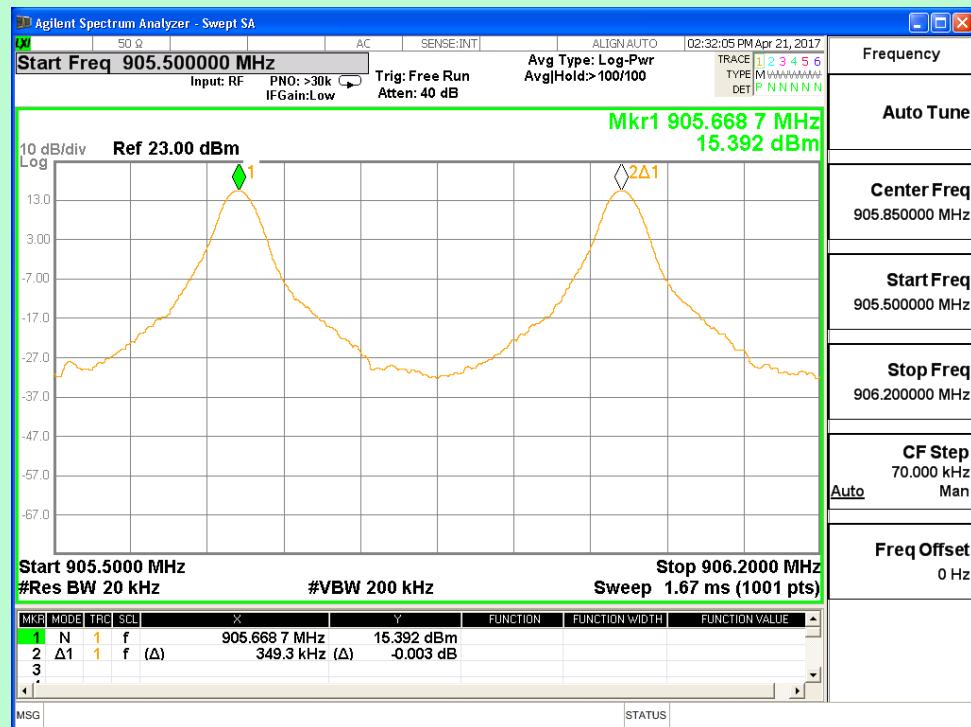
Channel 4 and 5



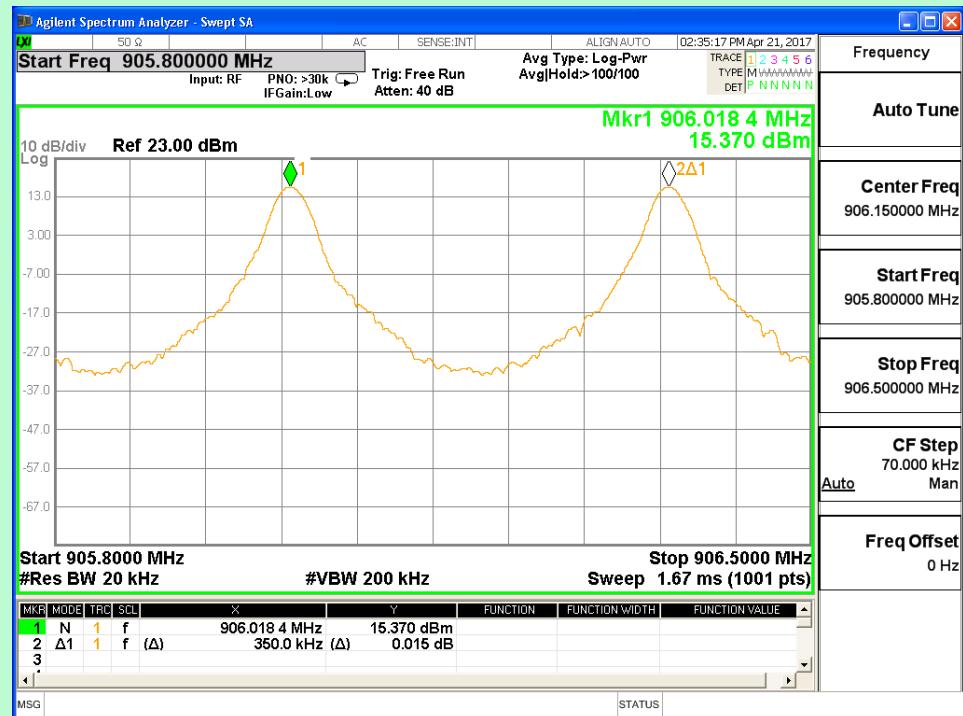
Channel 5 and 6



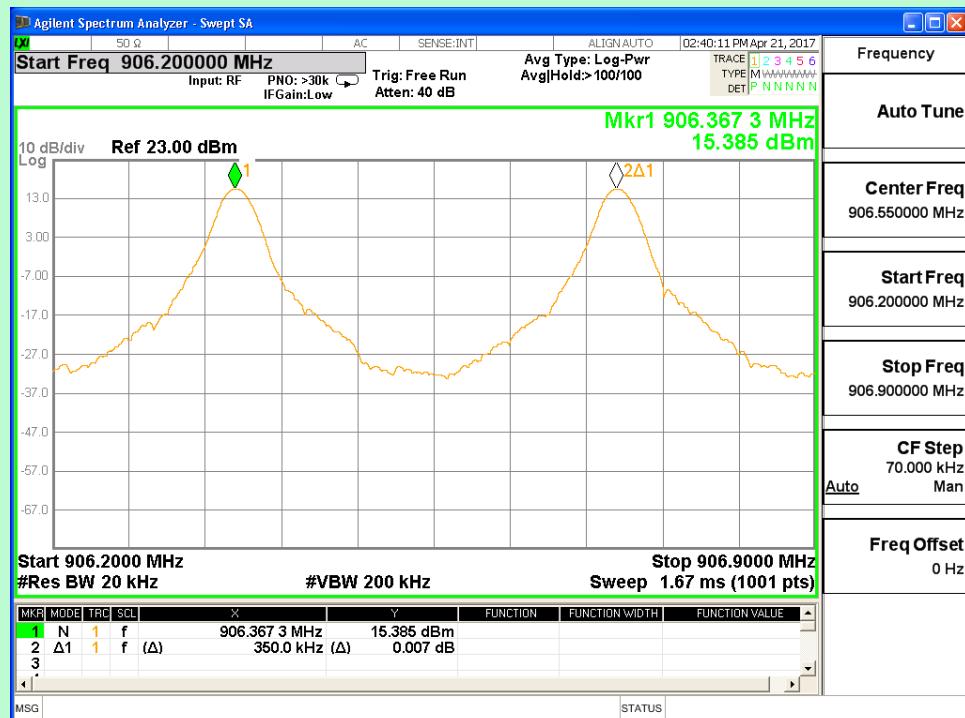
Channel 6 and 7



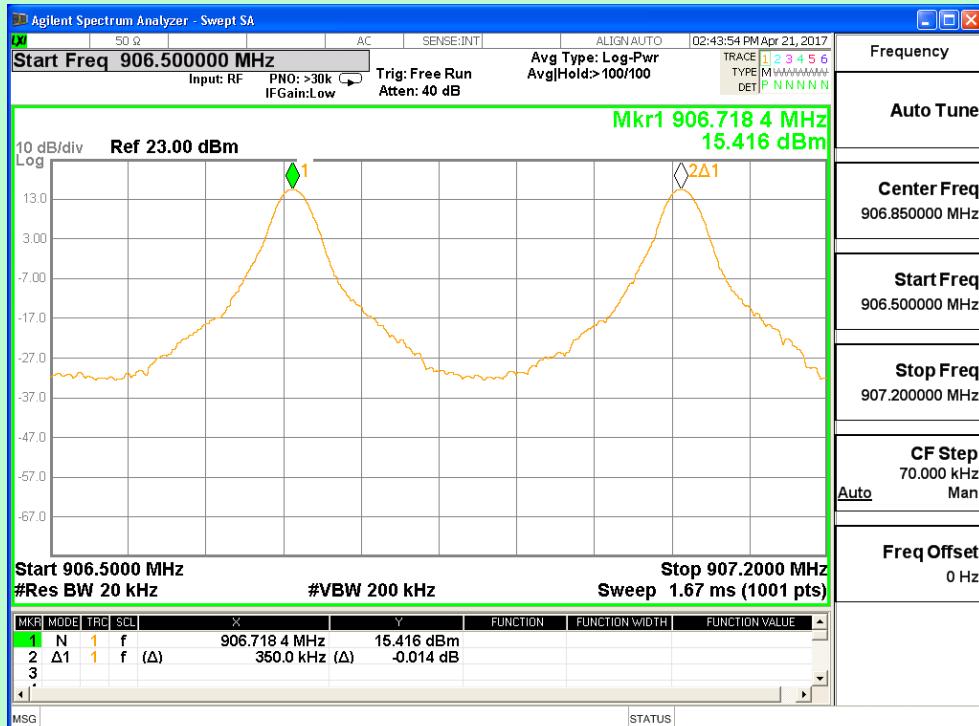
Channel 7 and 8



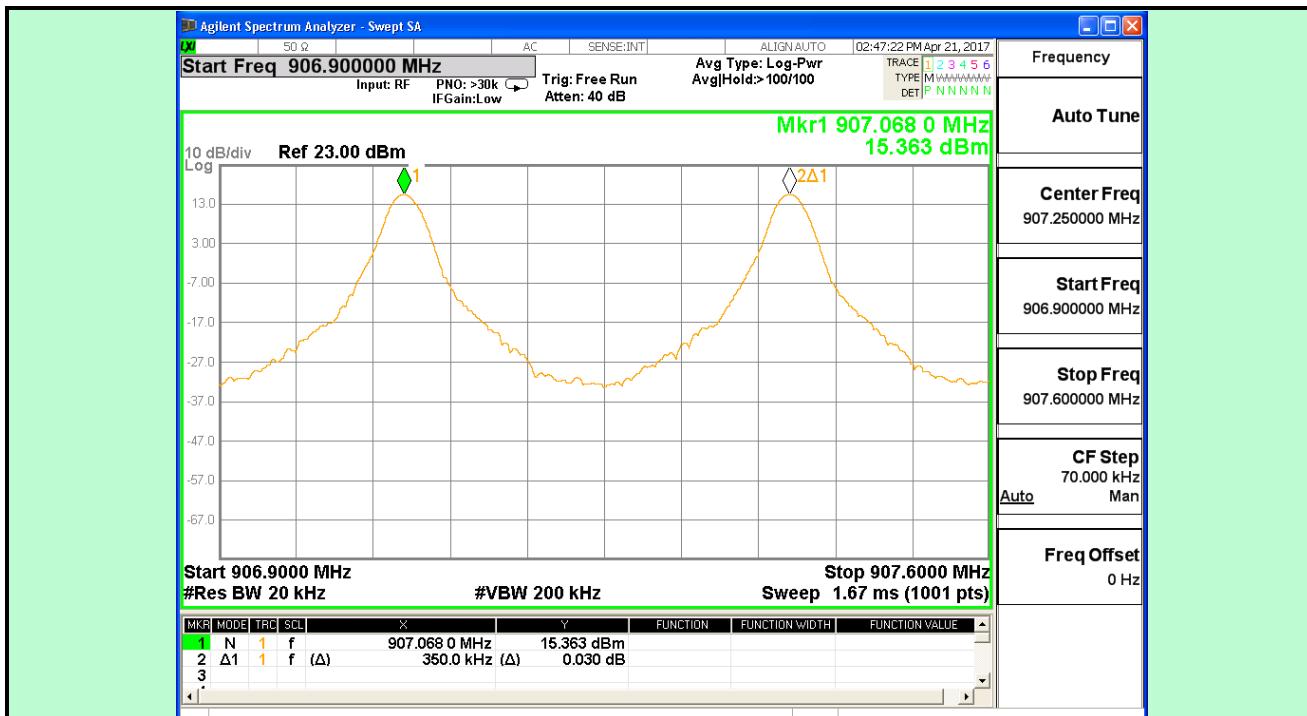
Channel 8 and 9



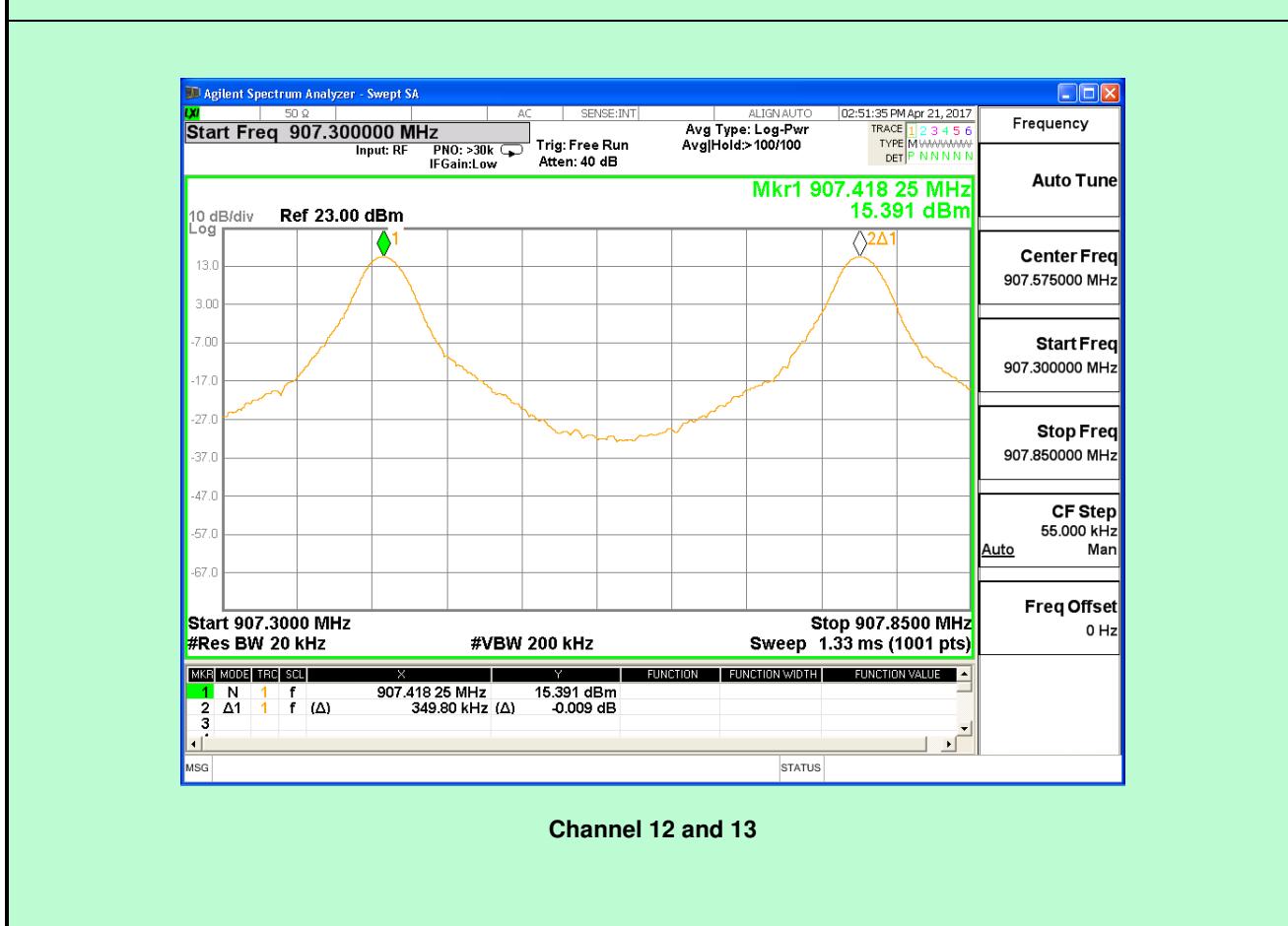
Channel 9 and 10



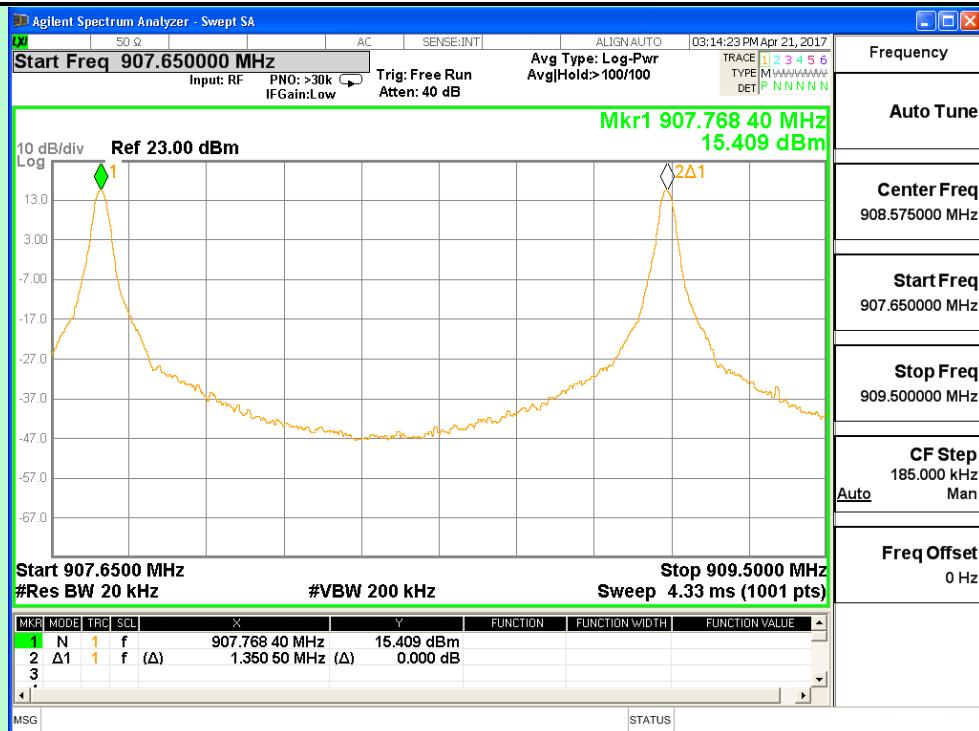
Channel 10 and 11



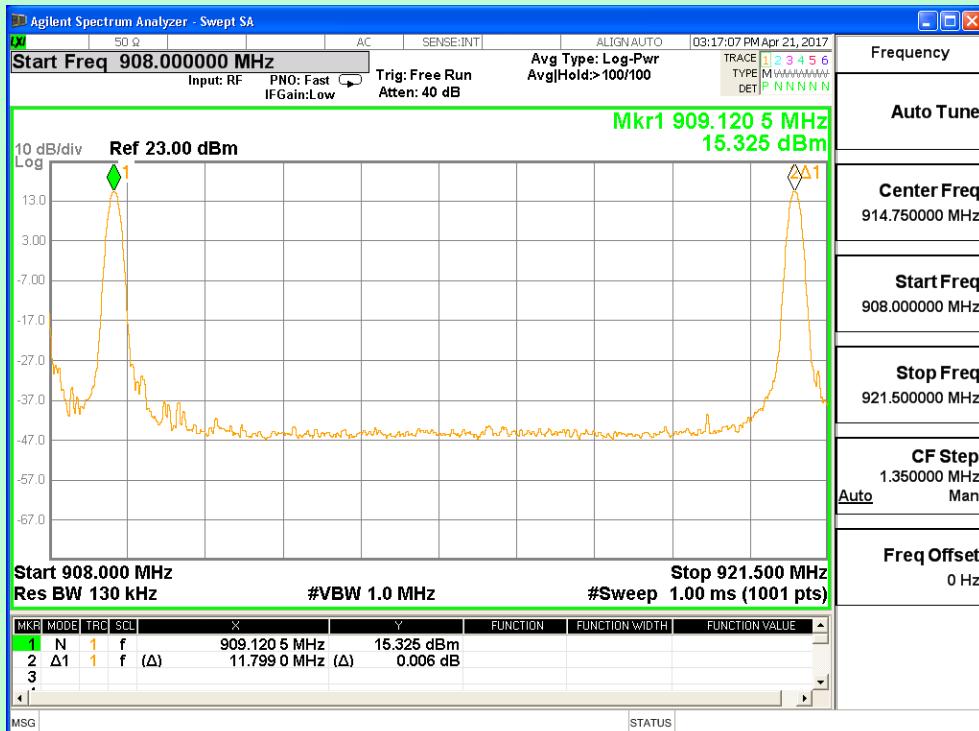
Channel 11 and 12



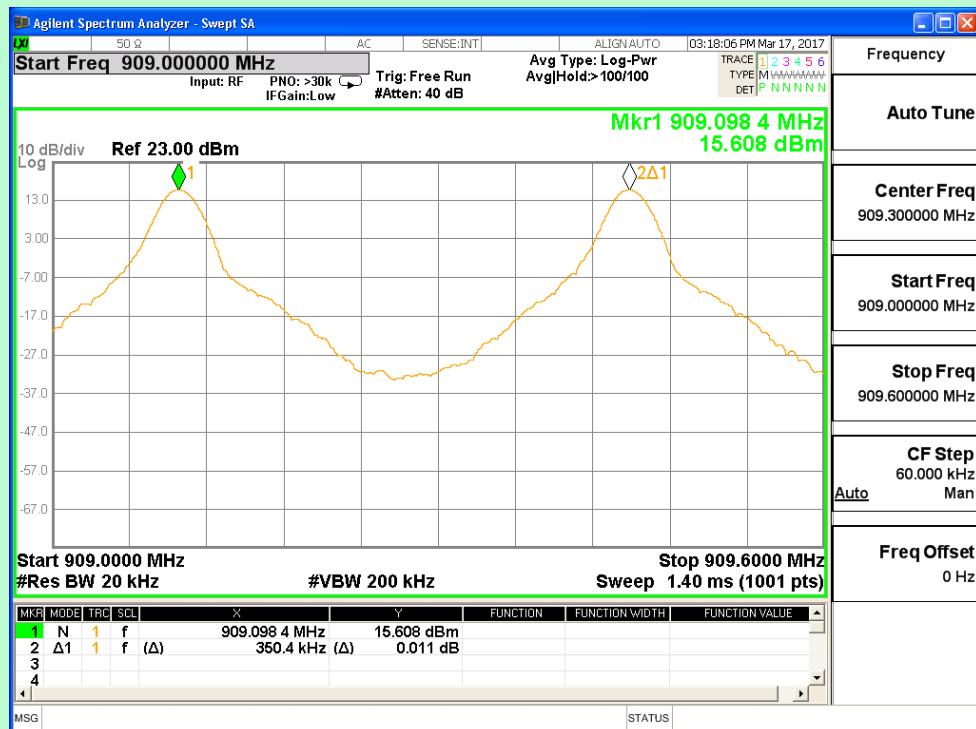
Channel 12 and 13



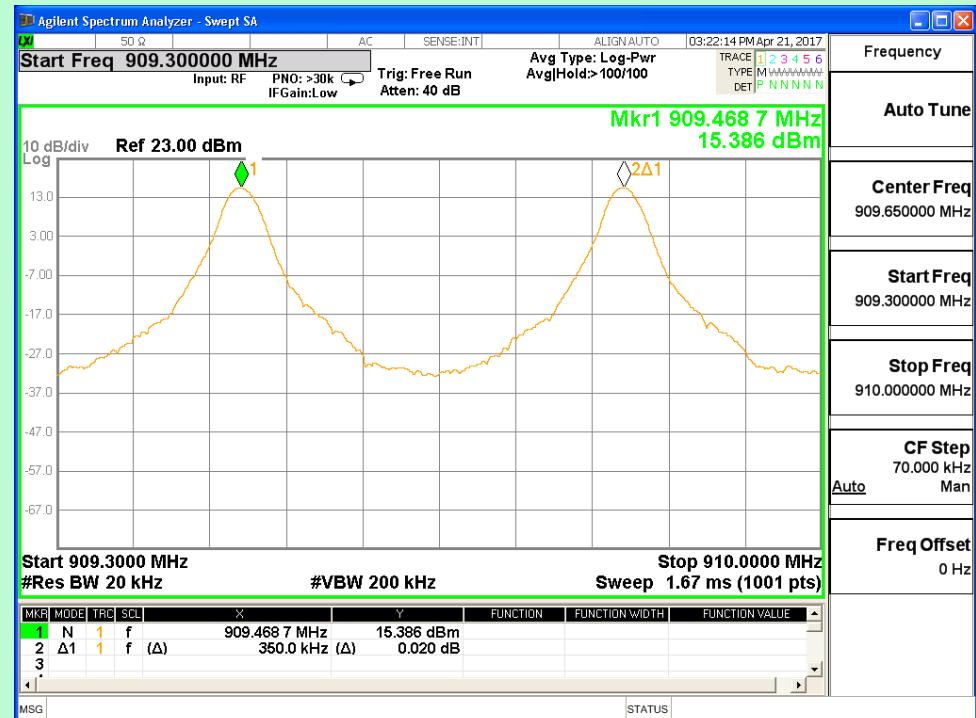
Channel 13 and 14



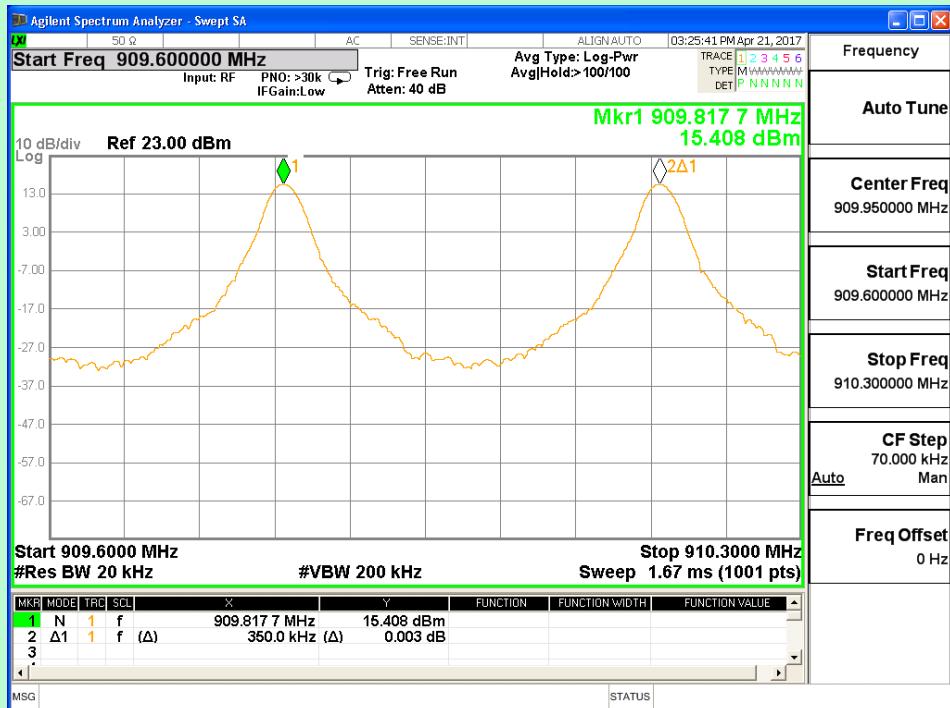
Channel 14 and 42



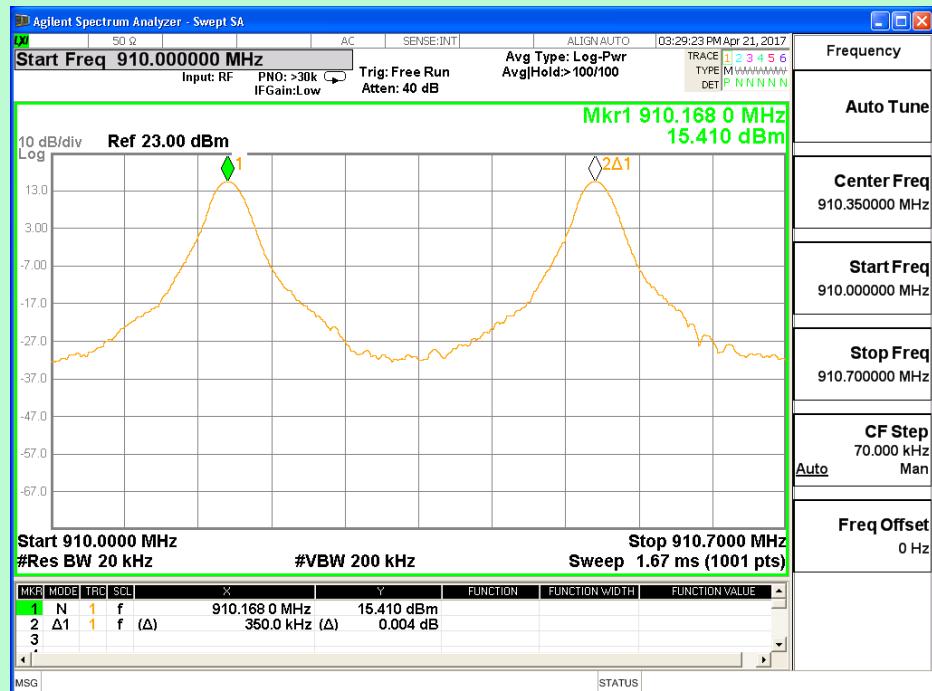
Channel 14 and 15



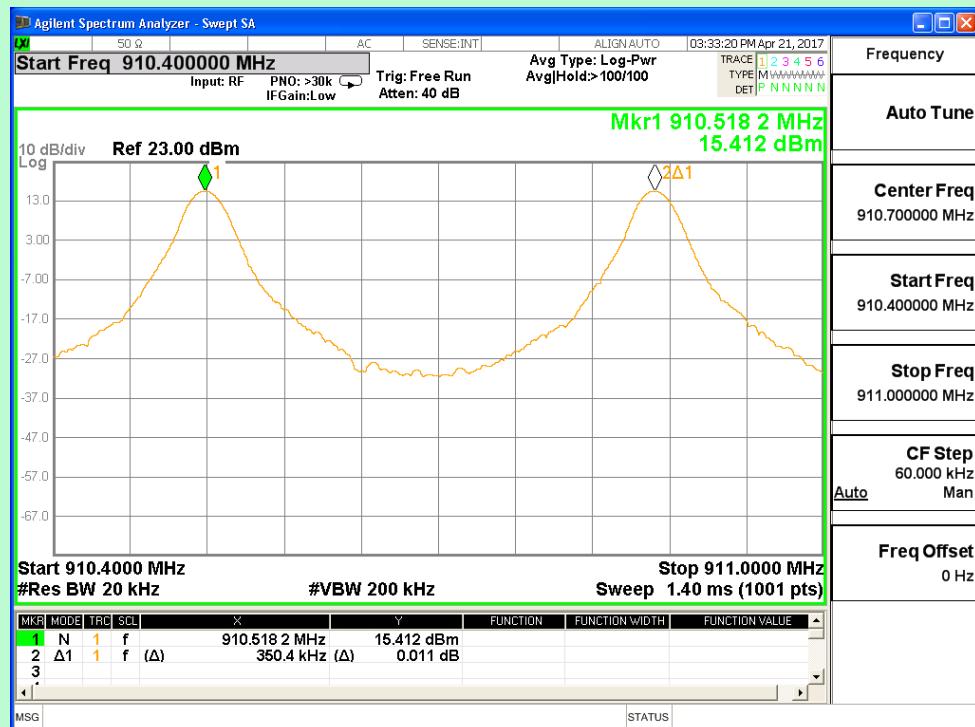
Channel 15 and 16



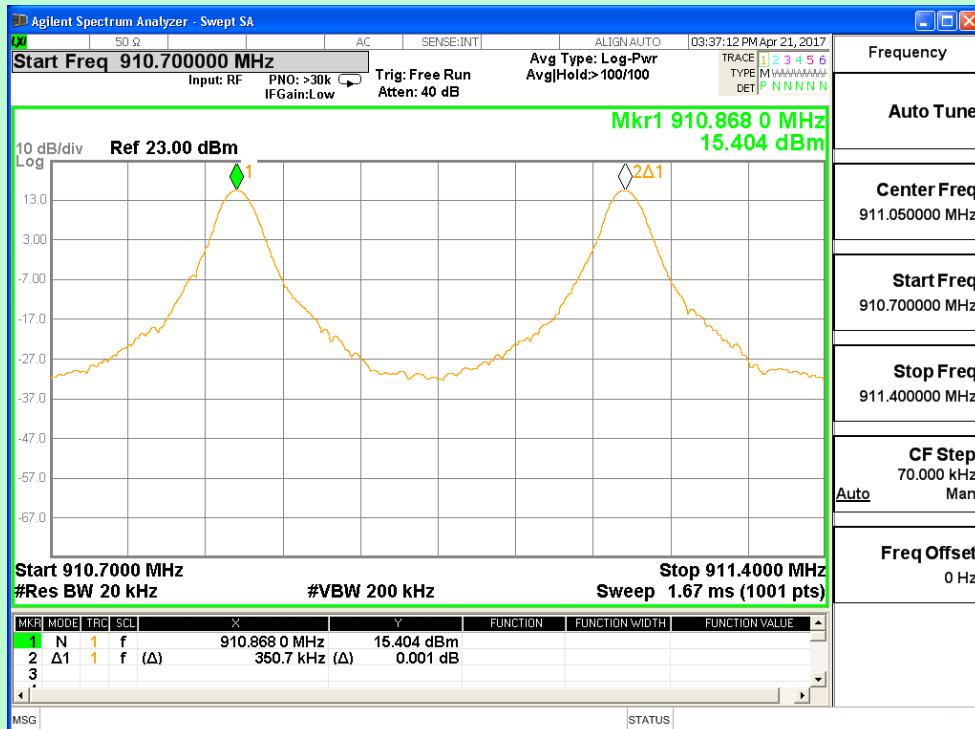
Channel 16 and 17



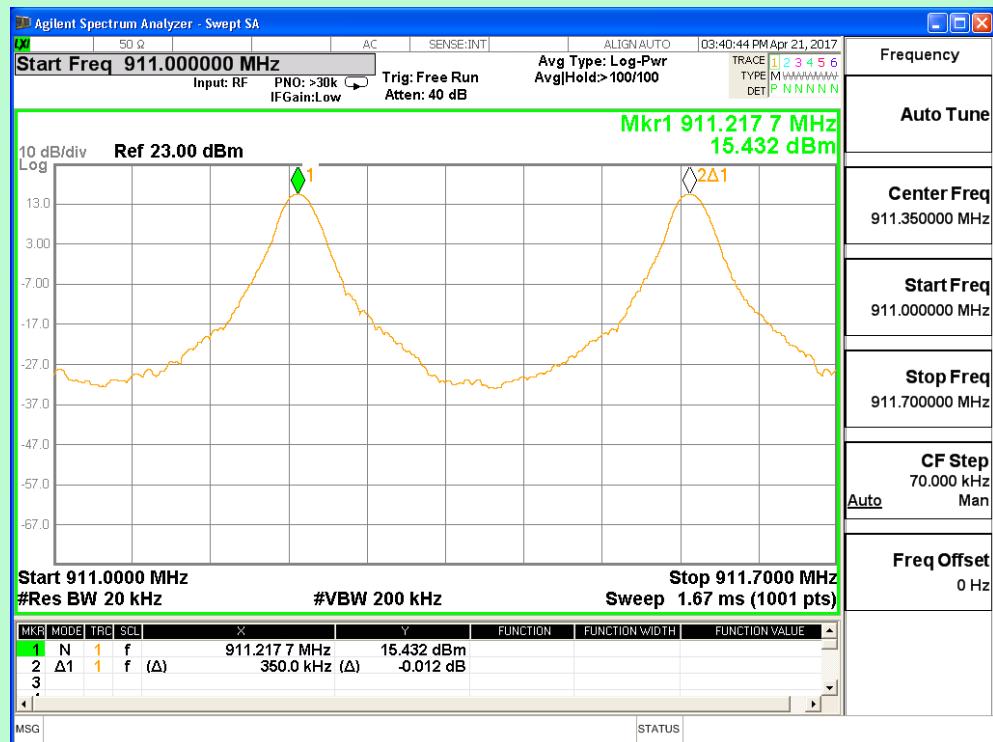
Channel 17 and 18



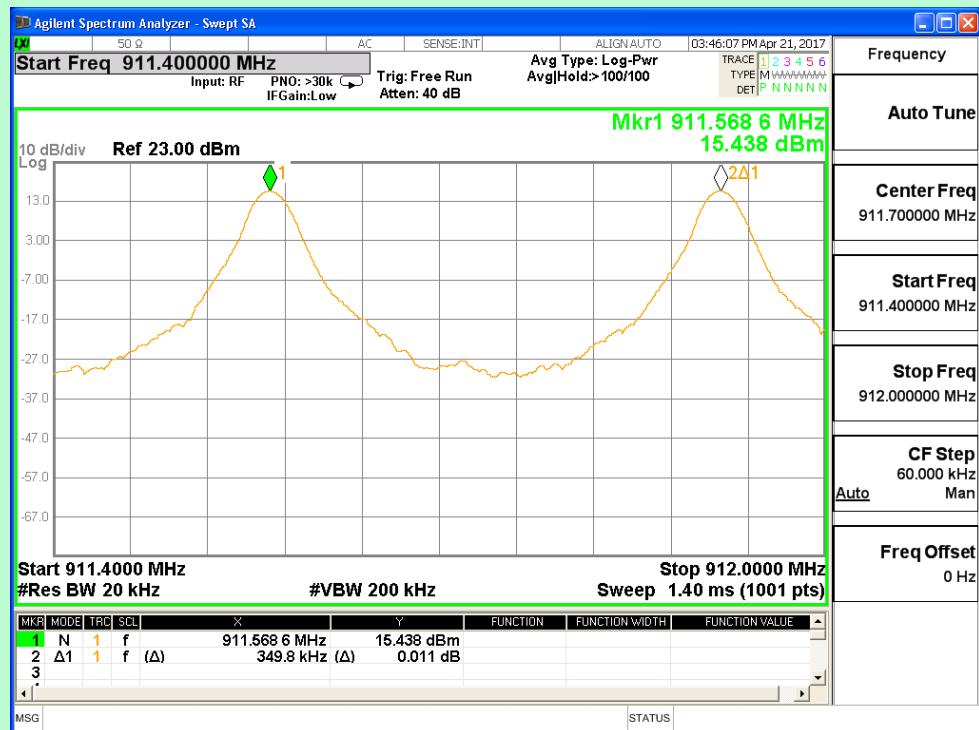
Channel 18 and 19



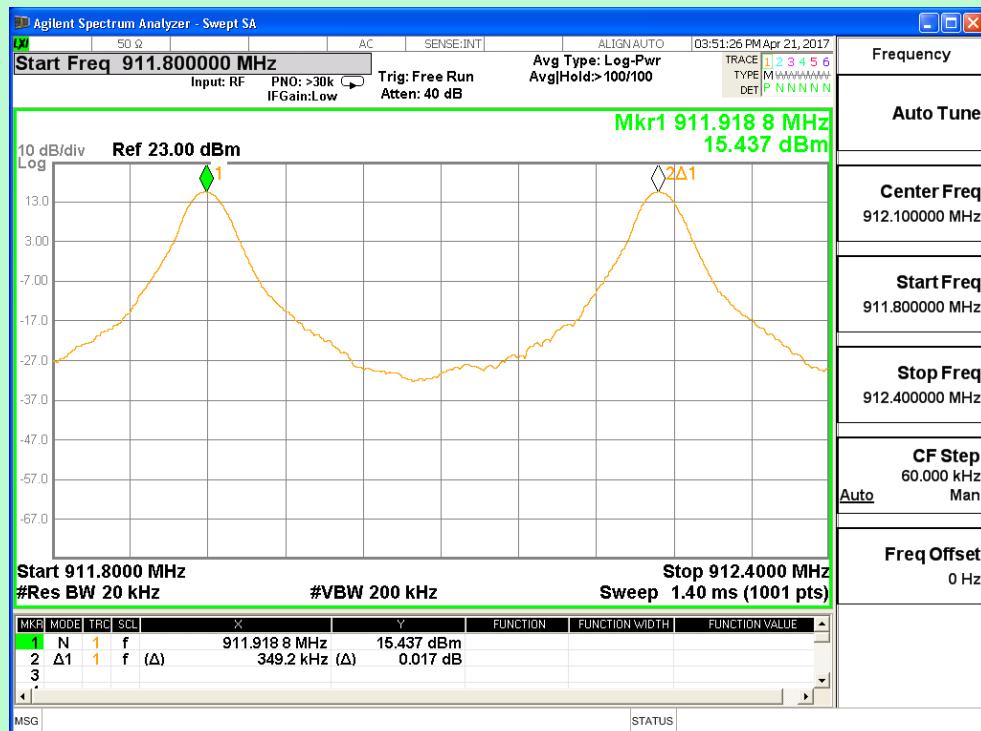
Channel 19 and 20



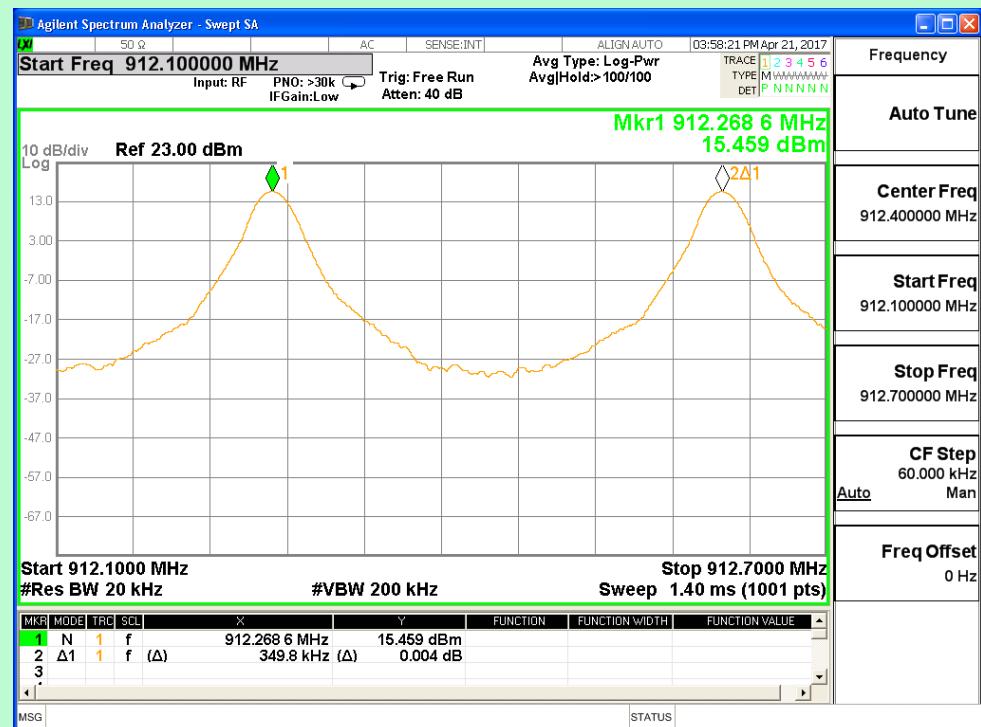
Channel 20 and 21



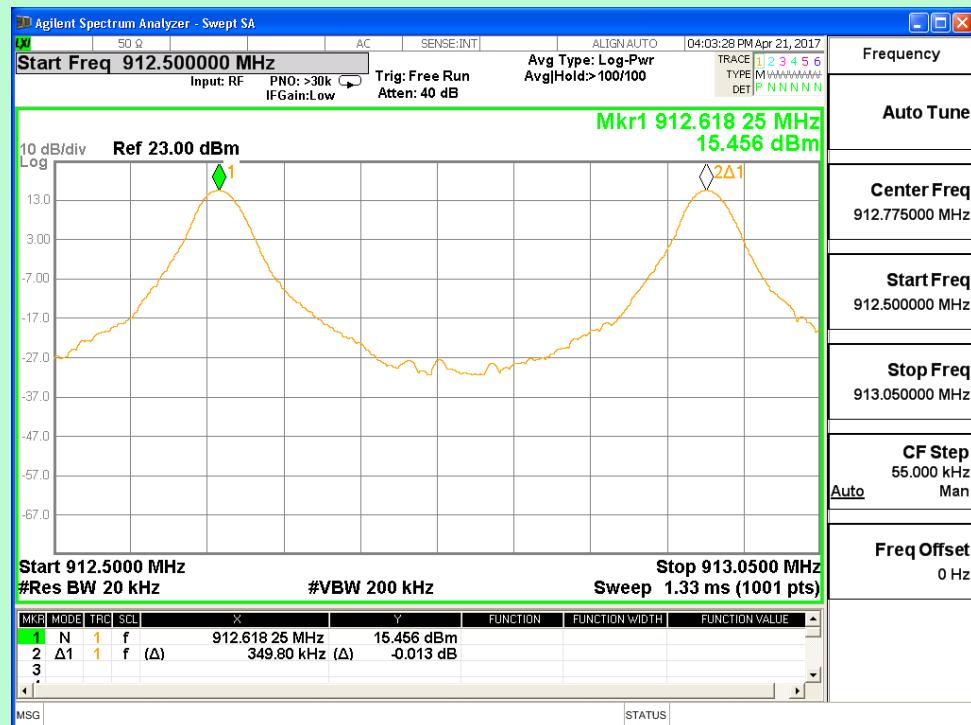
Channel 21 and 22



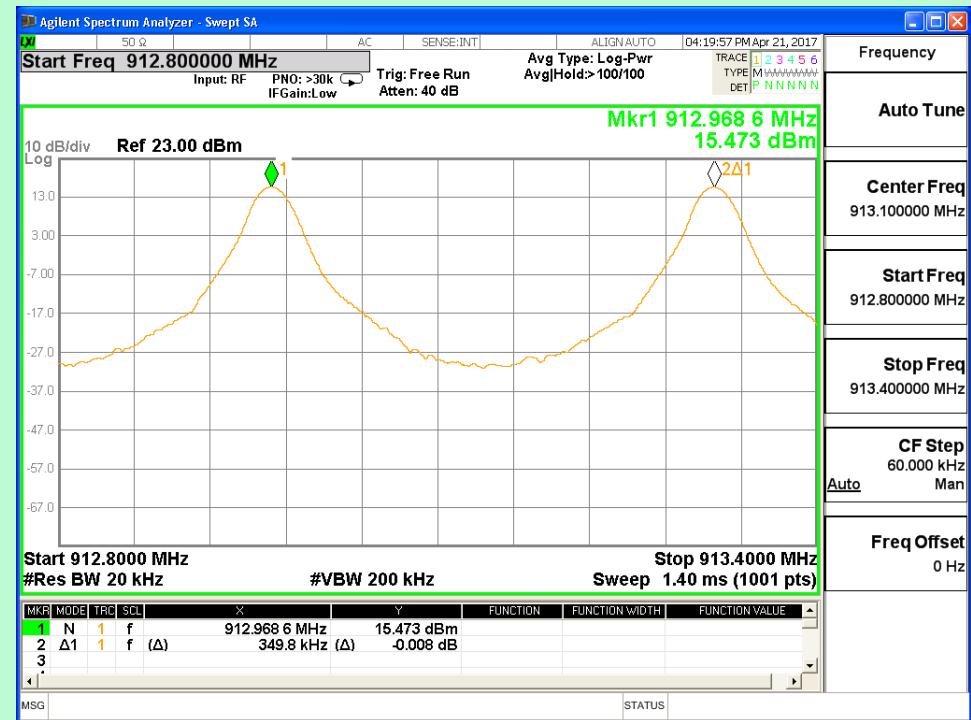
Channel 22 and 23



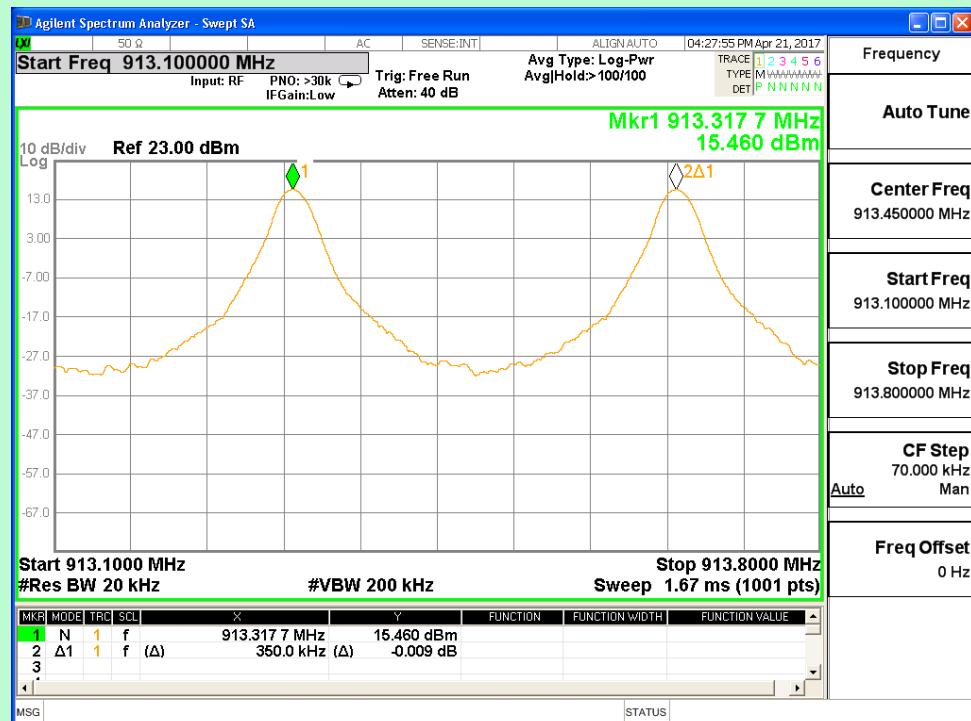
Channel 23 and 24



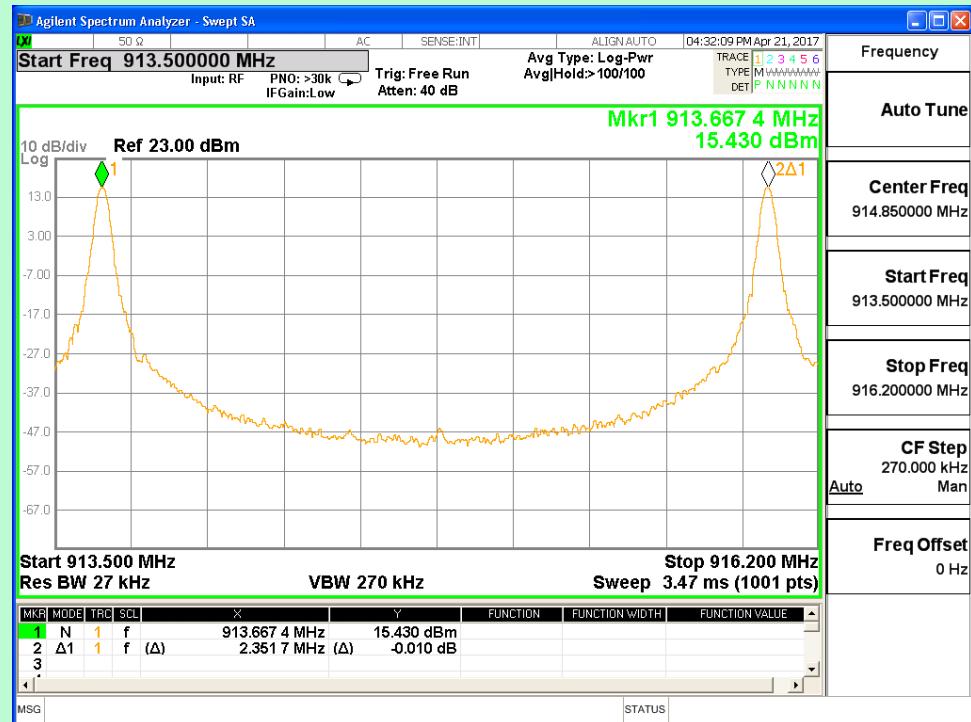
Channel 24 and 25



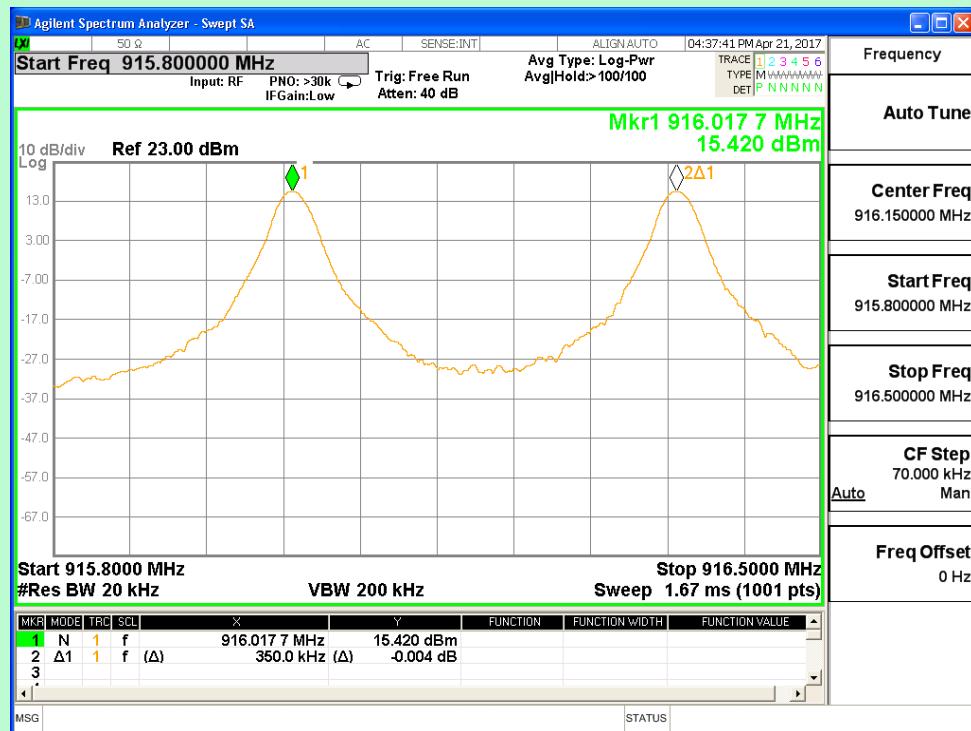
Channel 25 and 26



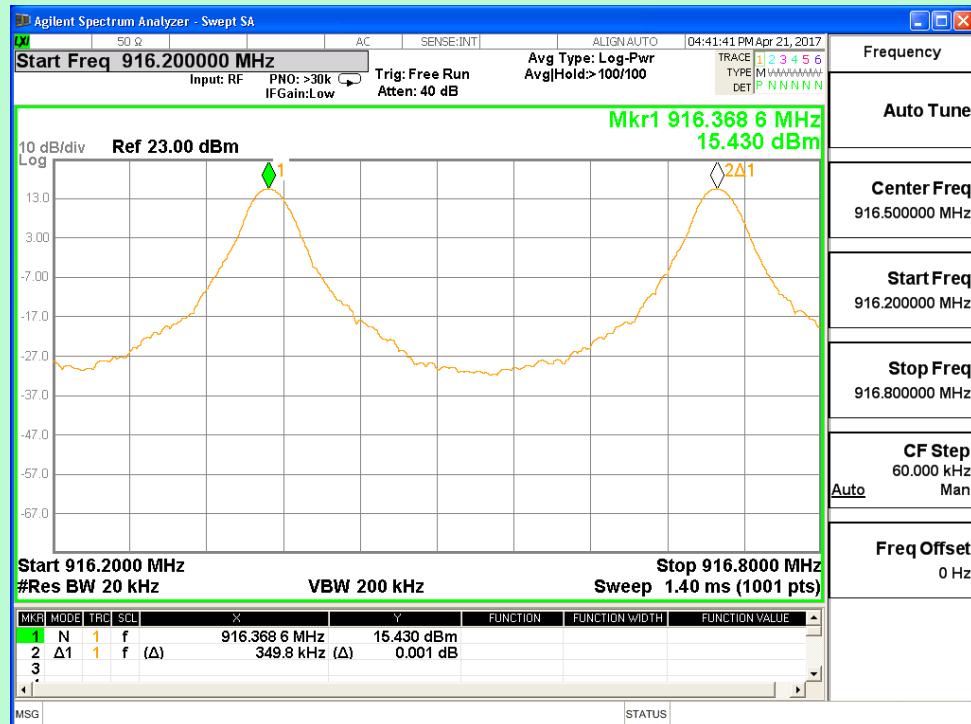
Channel 26 and 27



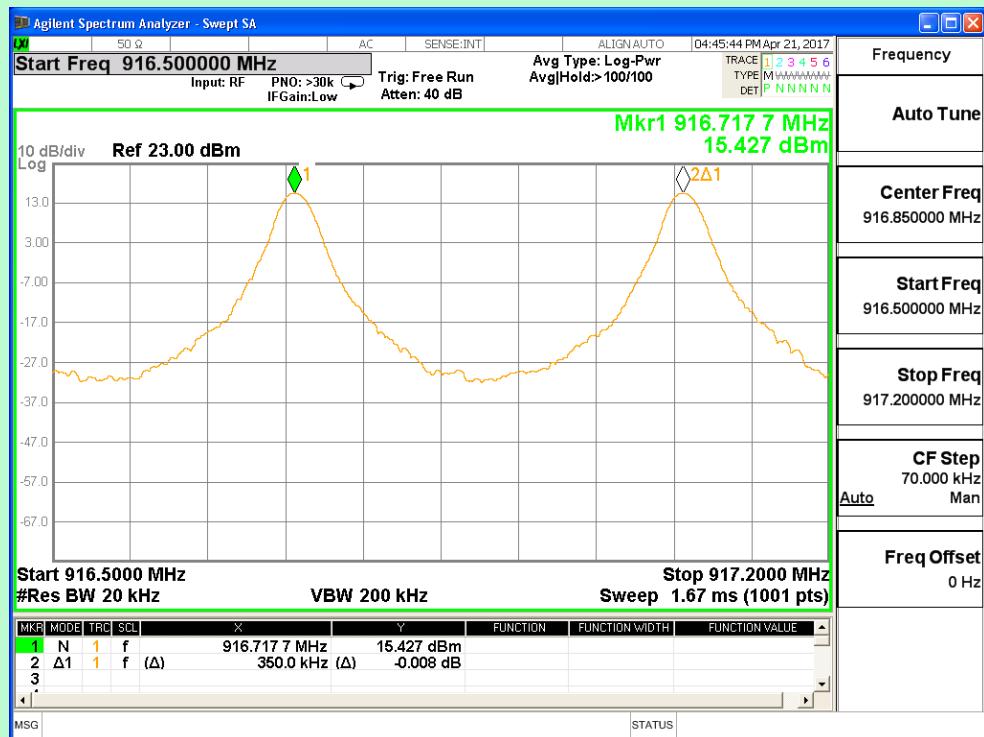
Channel 27 and 28



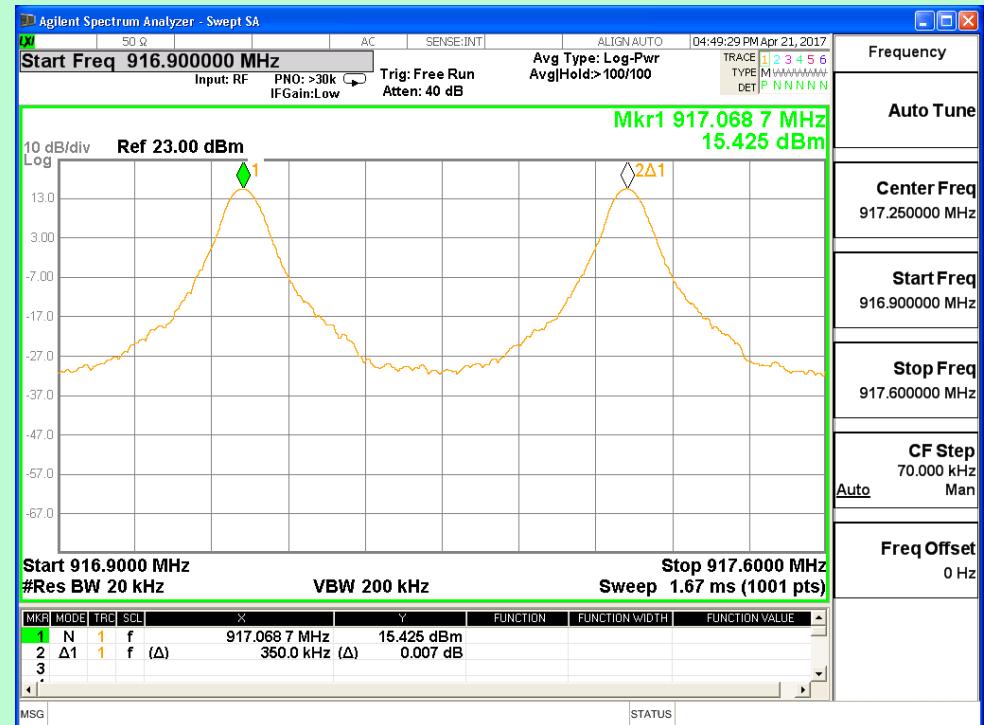
Channel 28 and 29



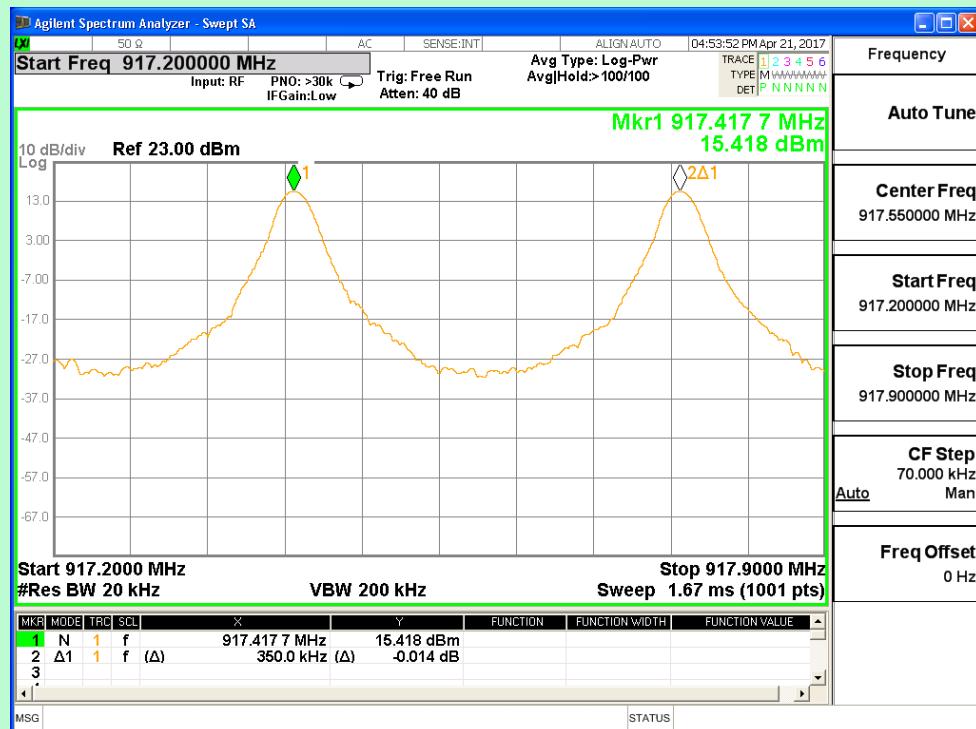
Channel 29 and 30



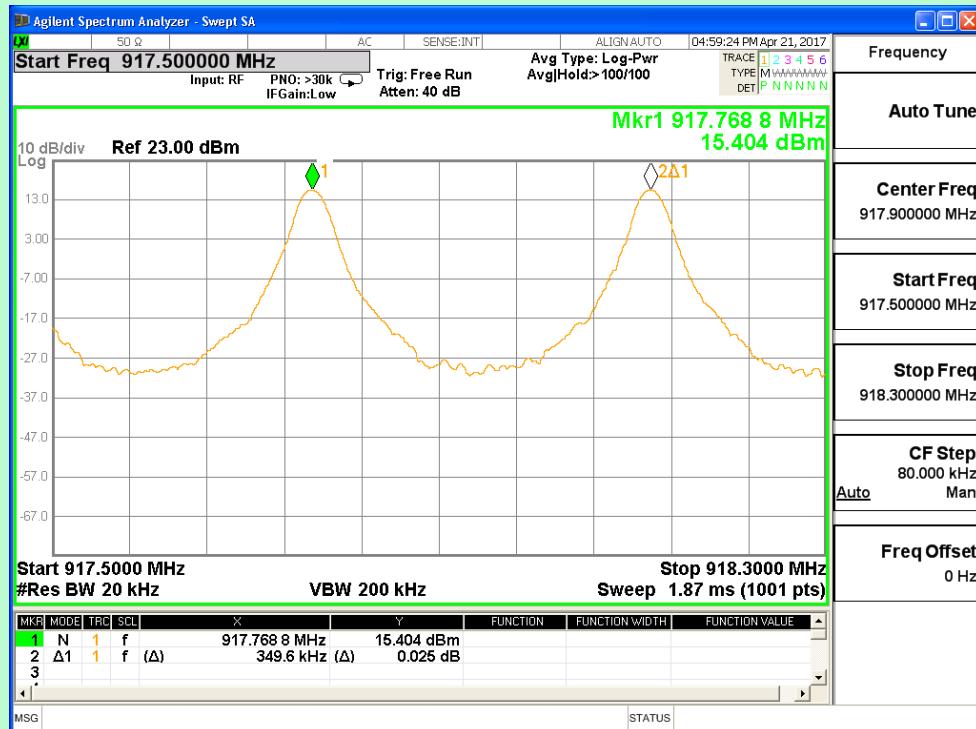
Channel 30 and 31



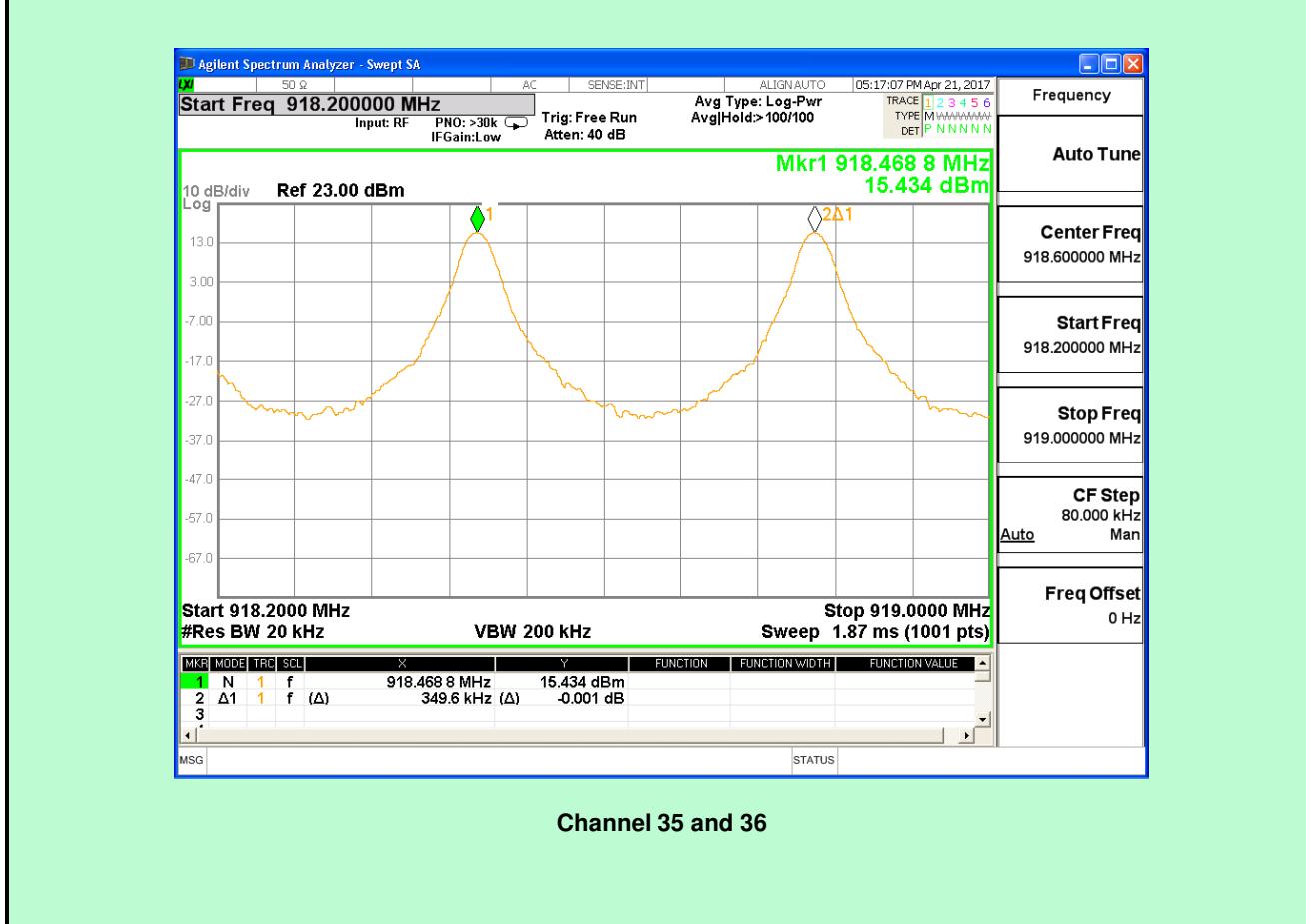
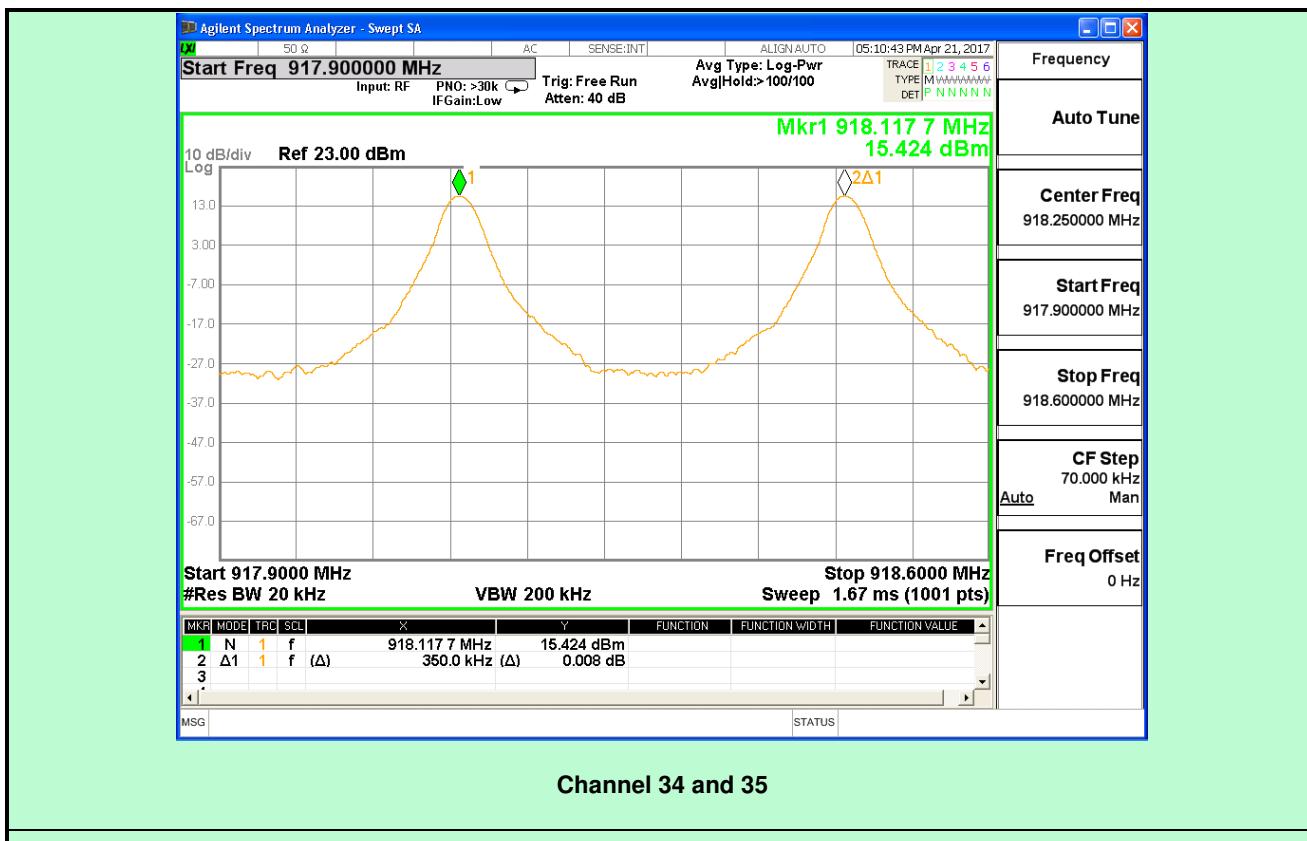
Channel 31 and 32

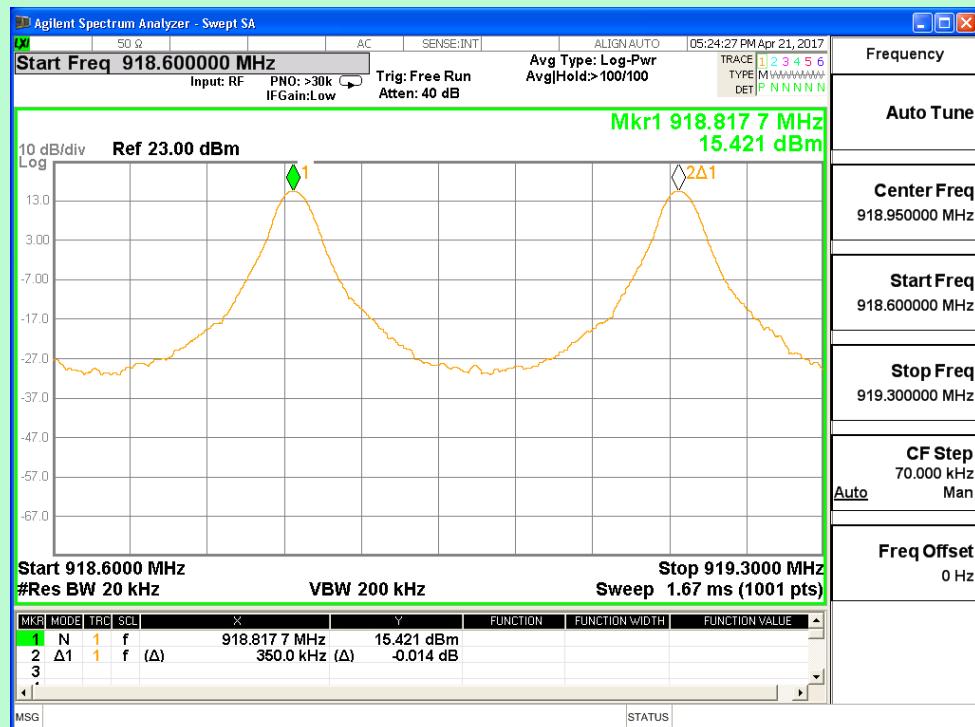


Channel 32 and 33

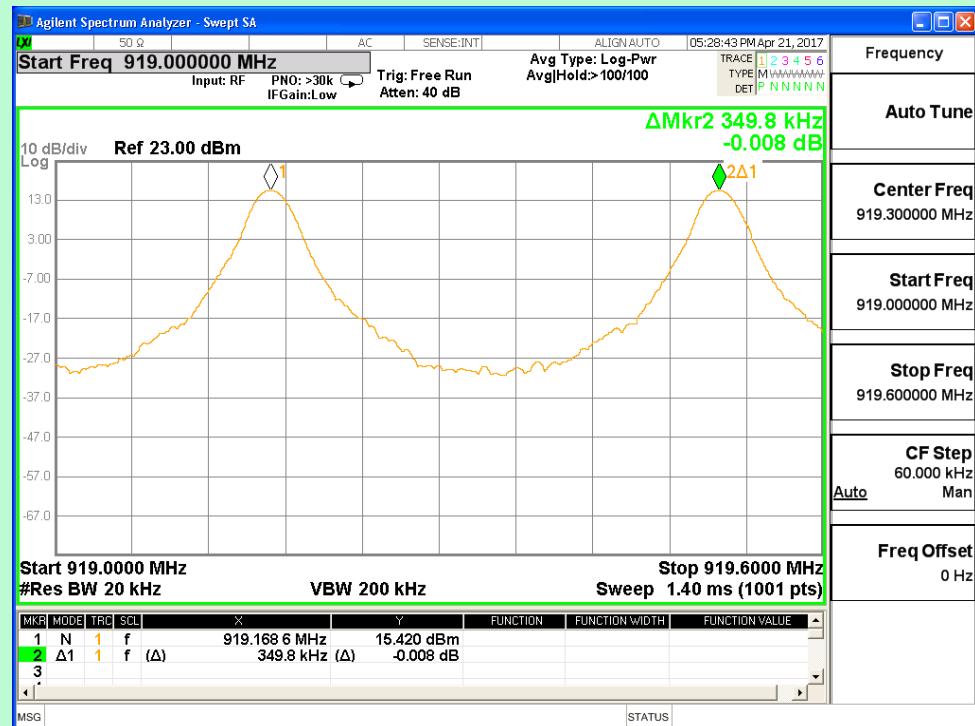


Channel 33 and 34

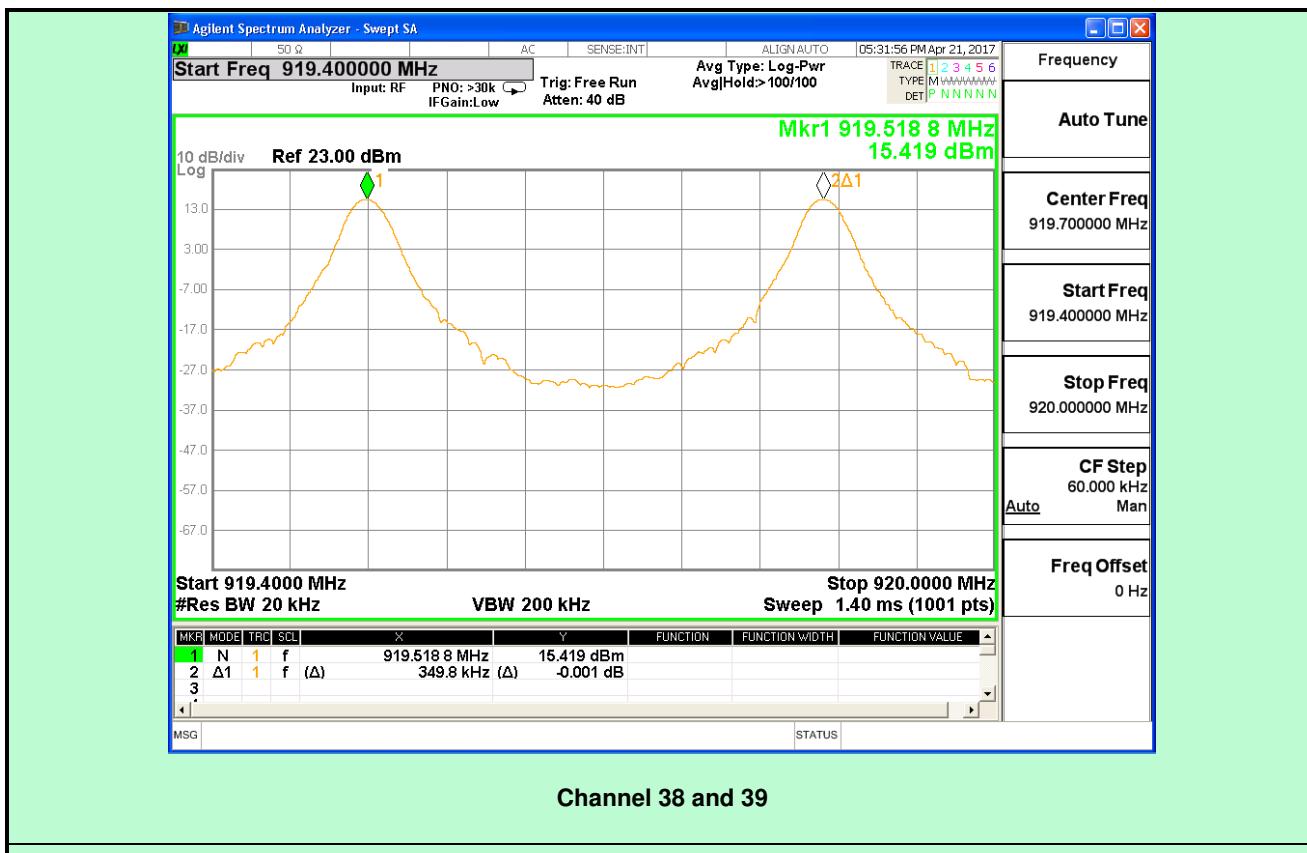




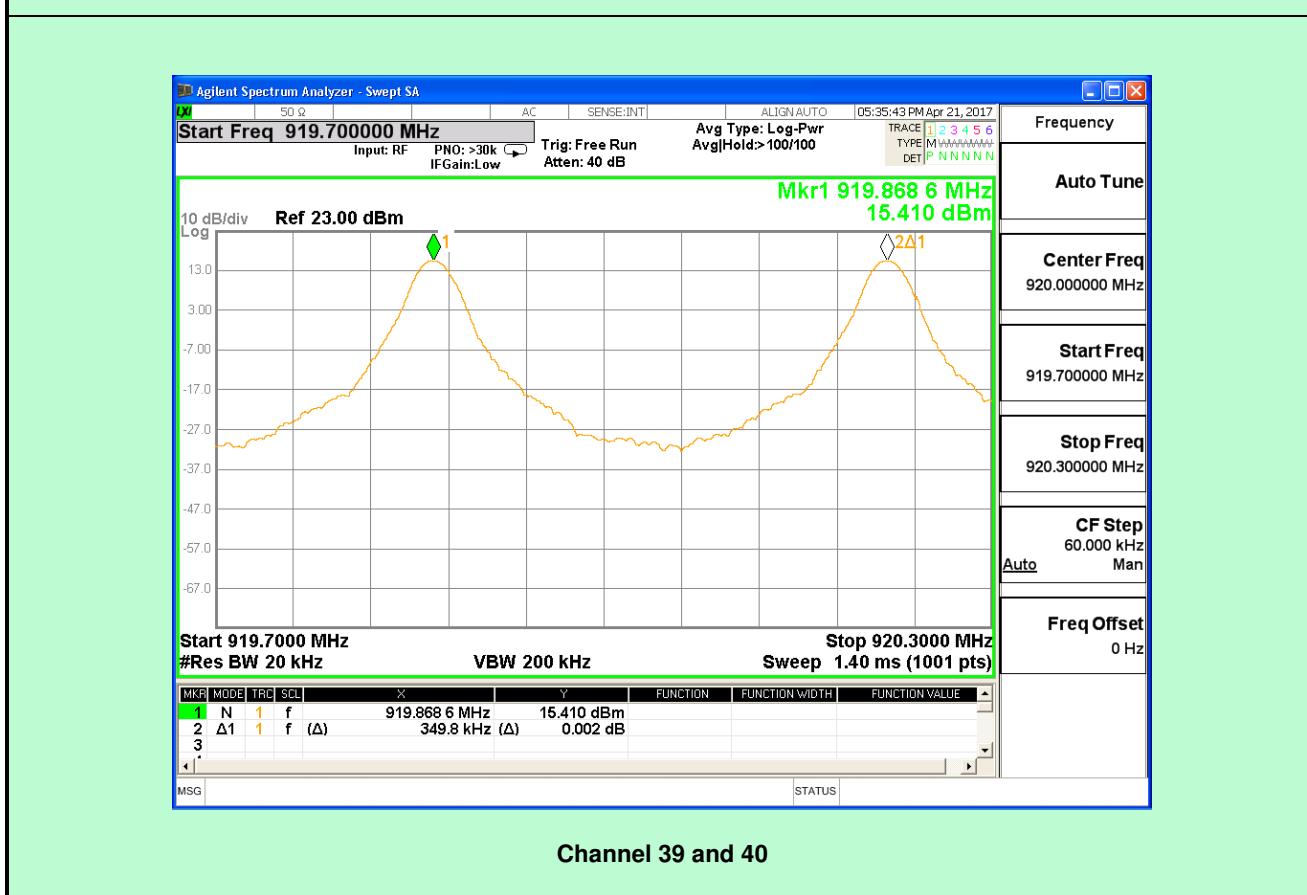
Channel 36 and 37



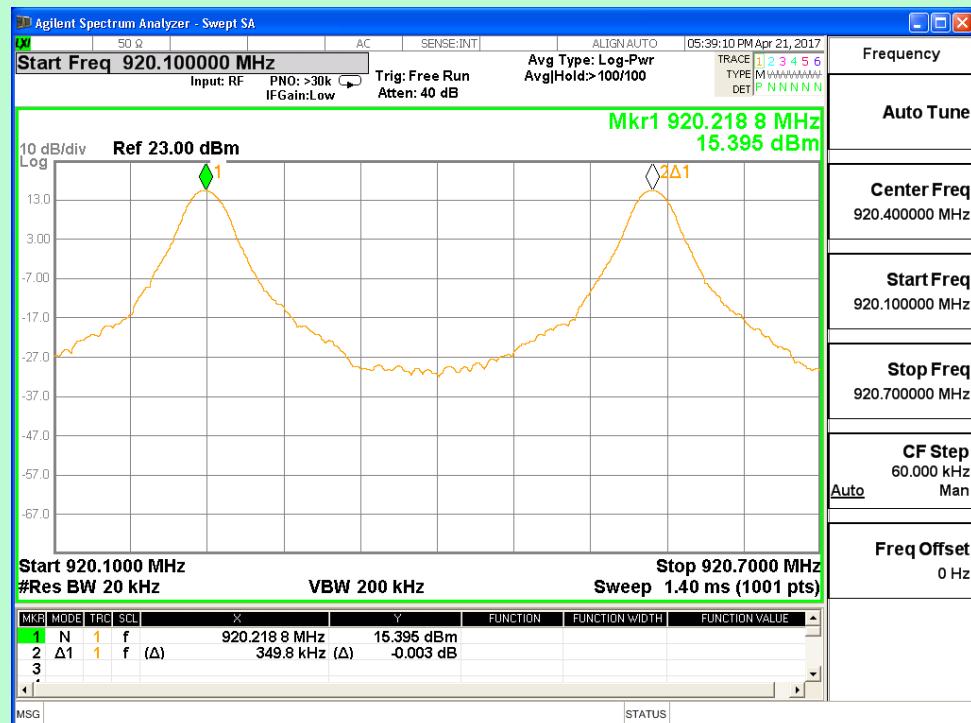
Channel 37 and 38



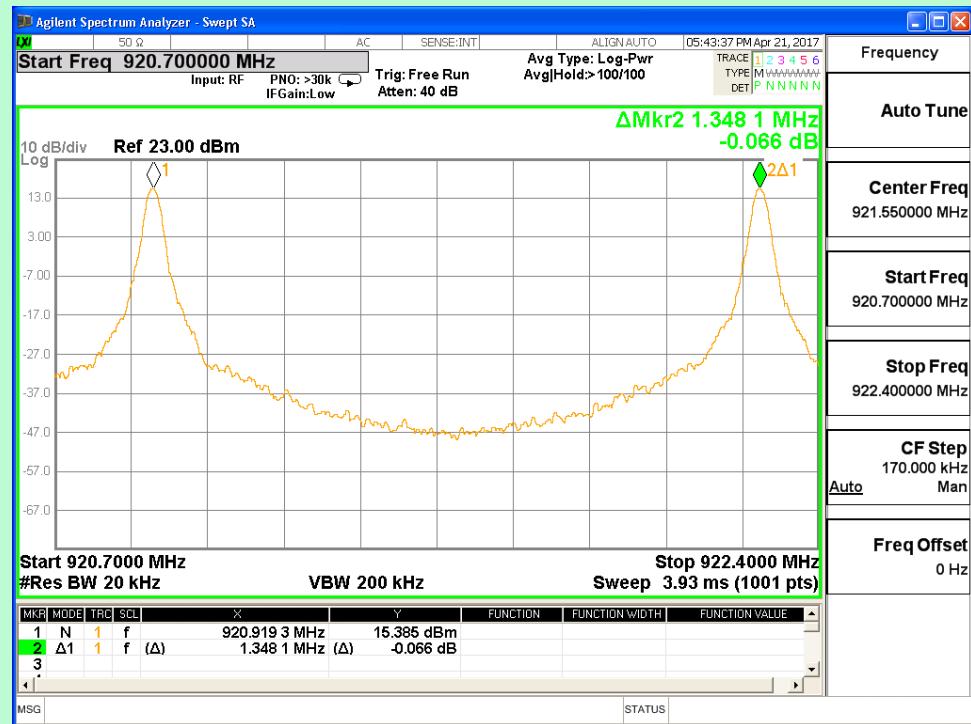
Channel 38 and 39



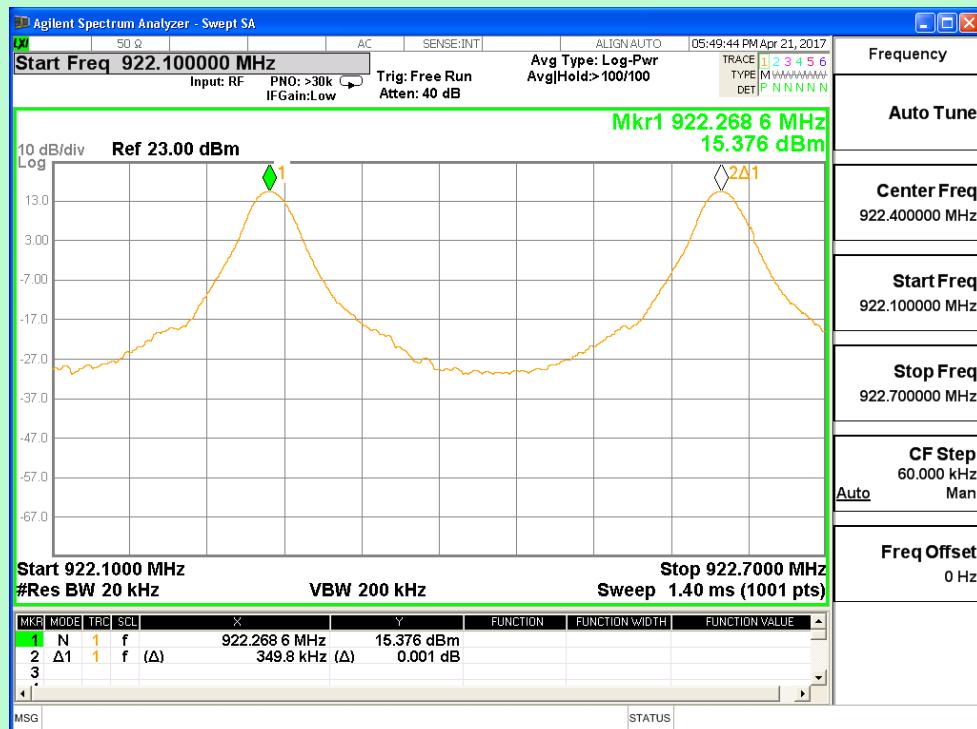
Channel 39 and 40



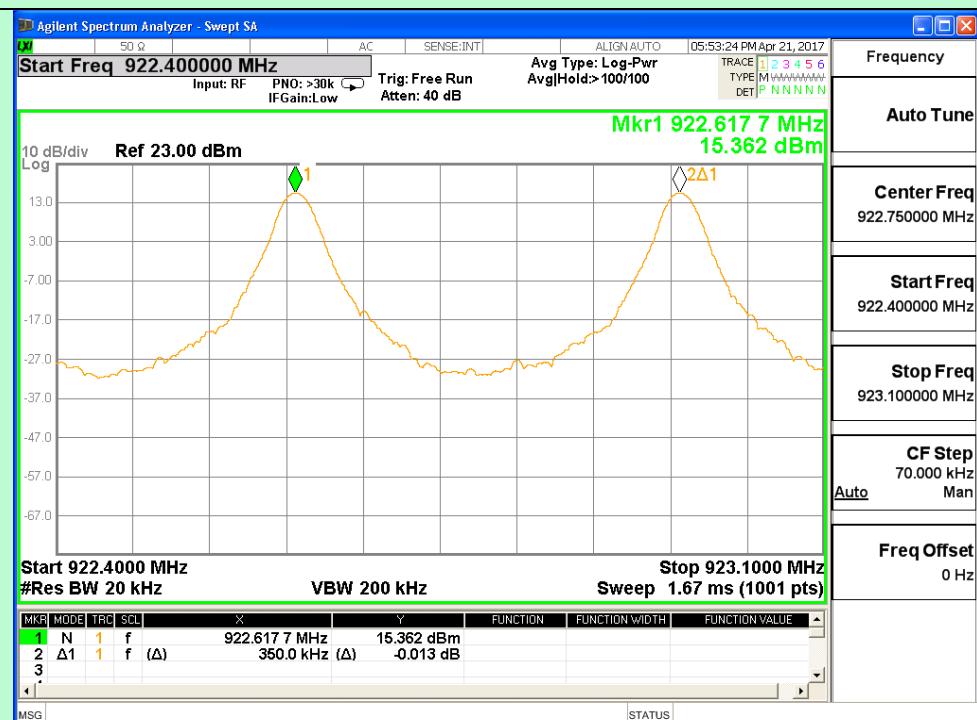
Channel 40 and 41



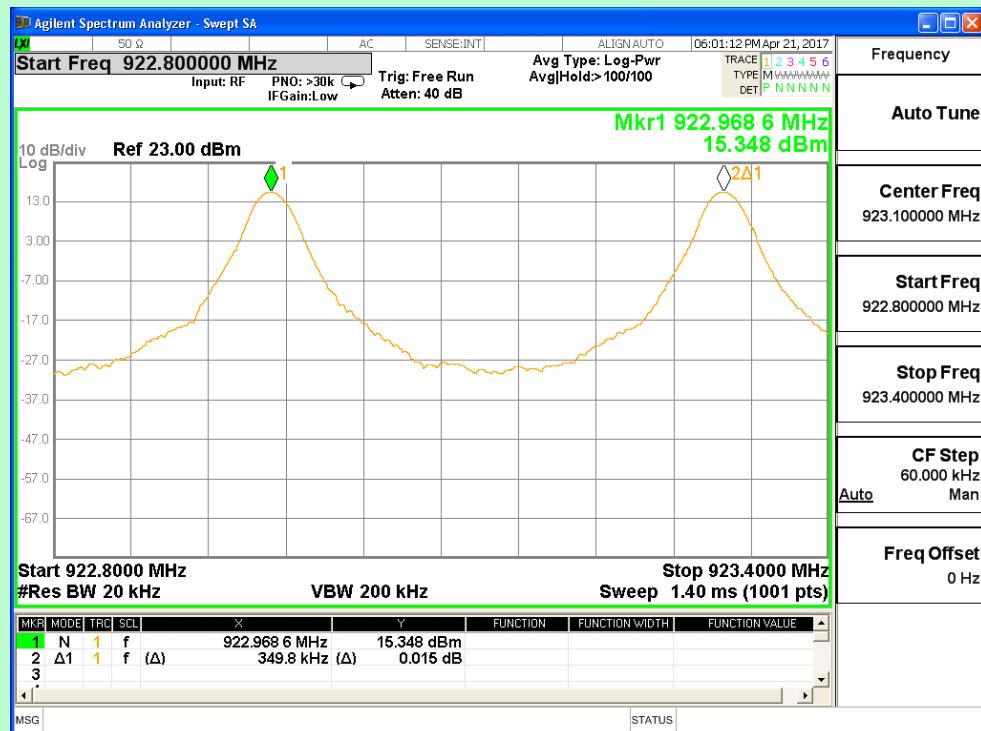
Channel 42 and 43



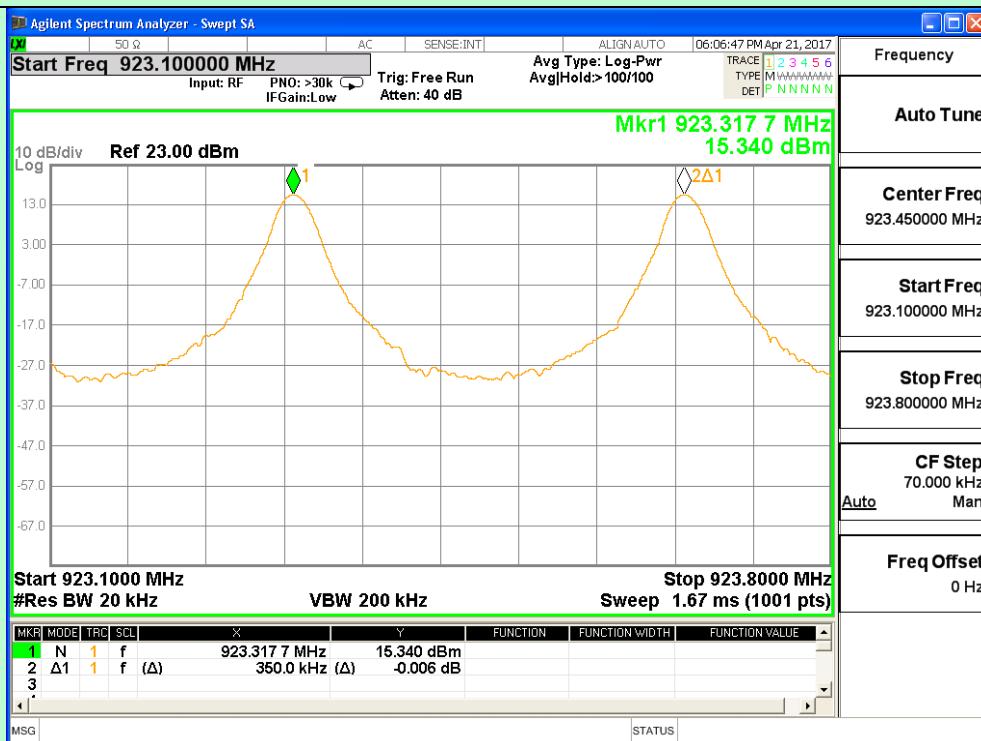
Channel 43 and 44



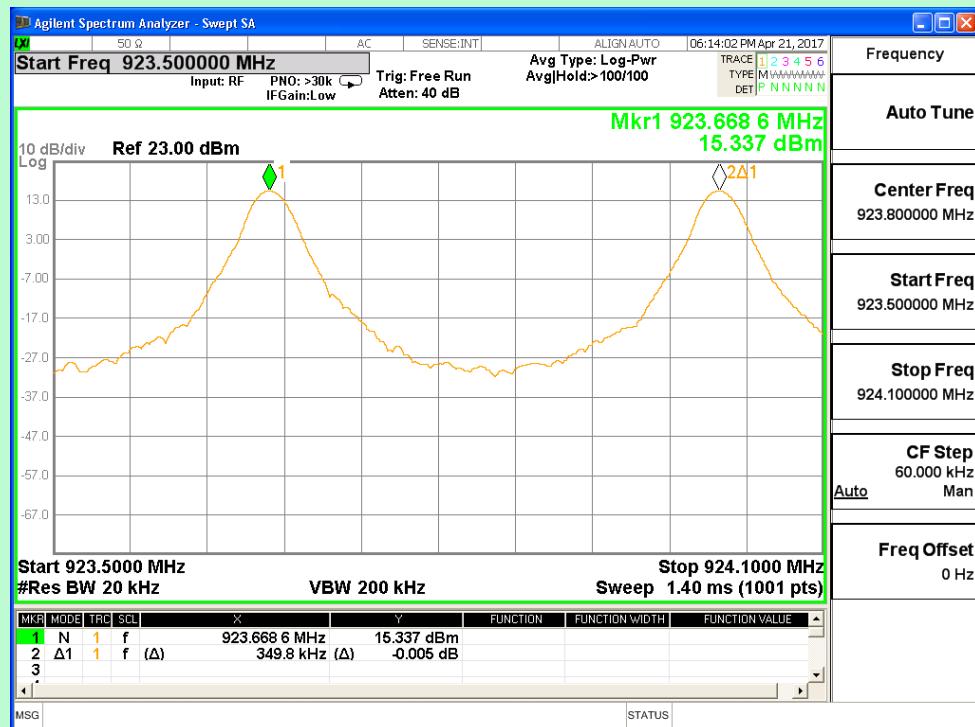
Channel 44 and 45



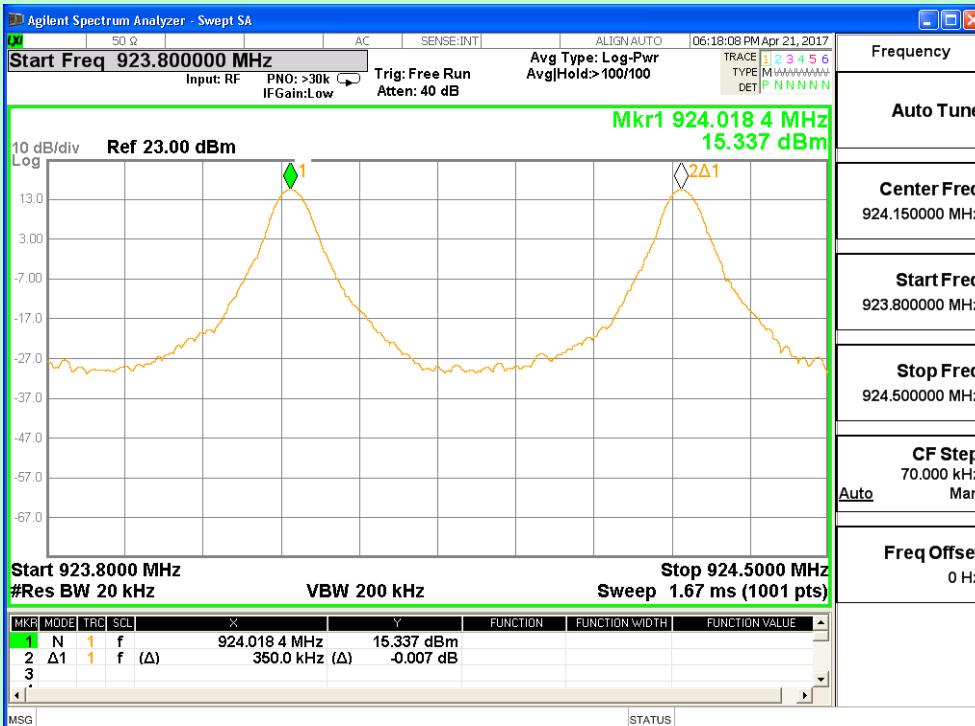
Channel 45 and 46



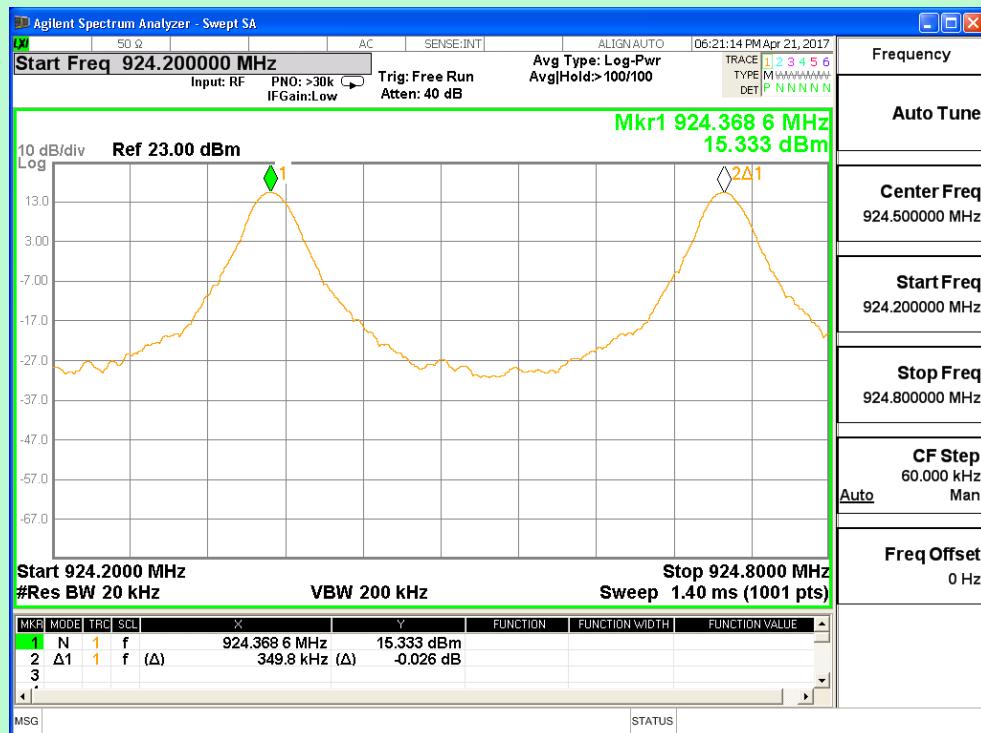
Channel 46 and 47



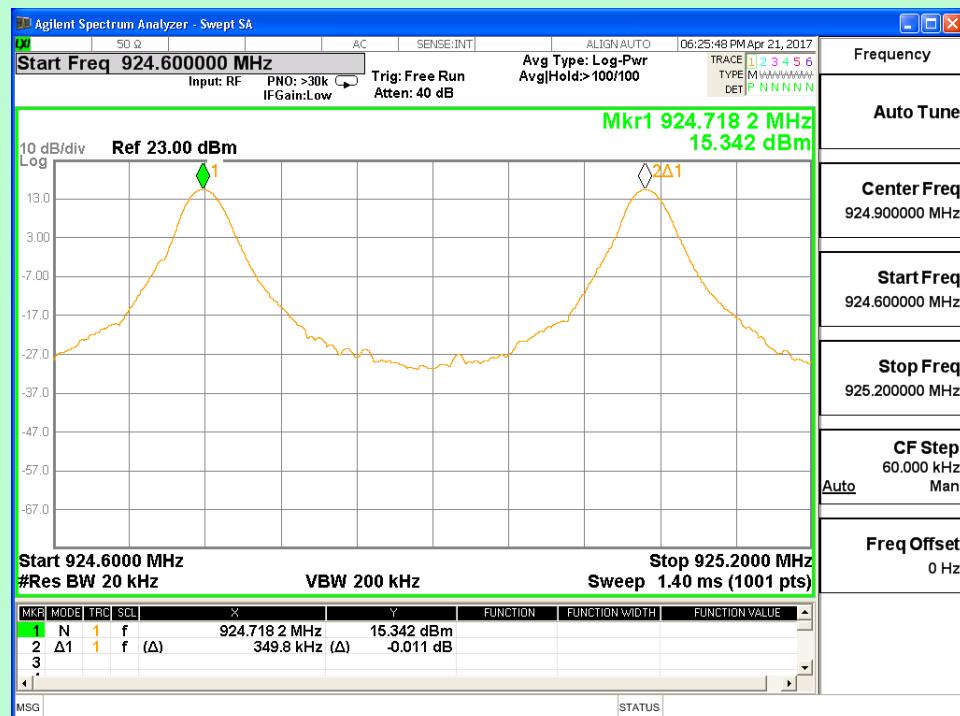
Channel 47 and 48



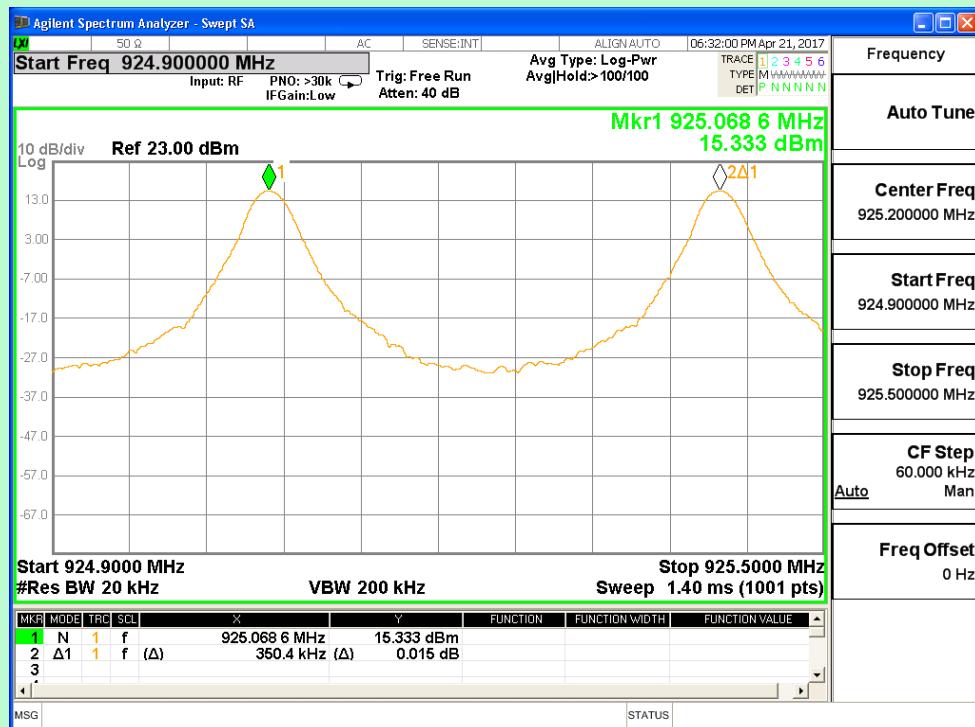
Channel 48 and 49



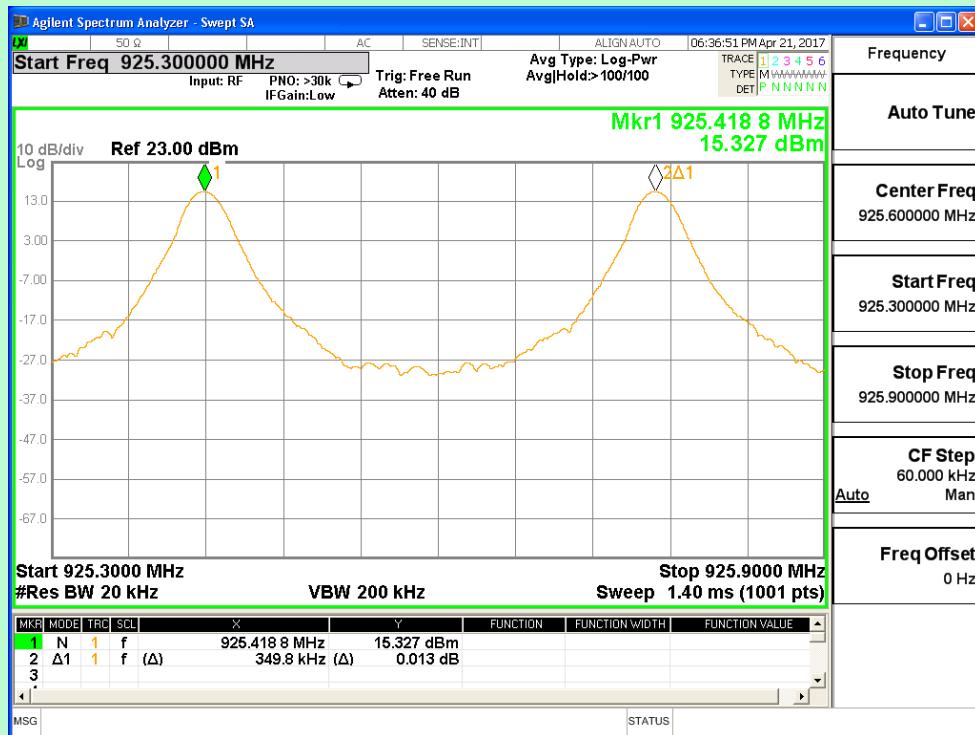
Channel 49 and 50



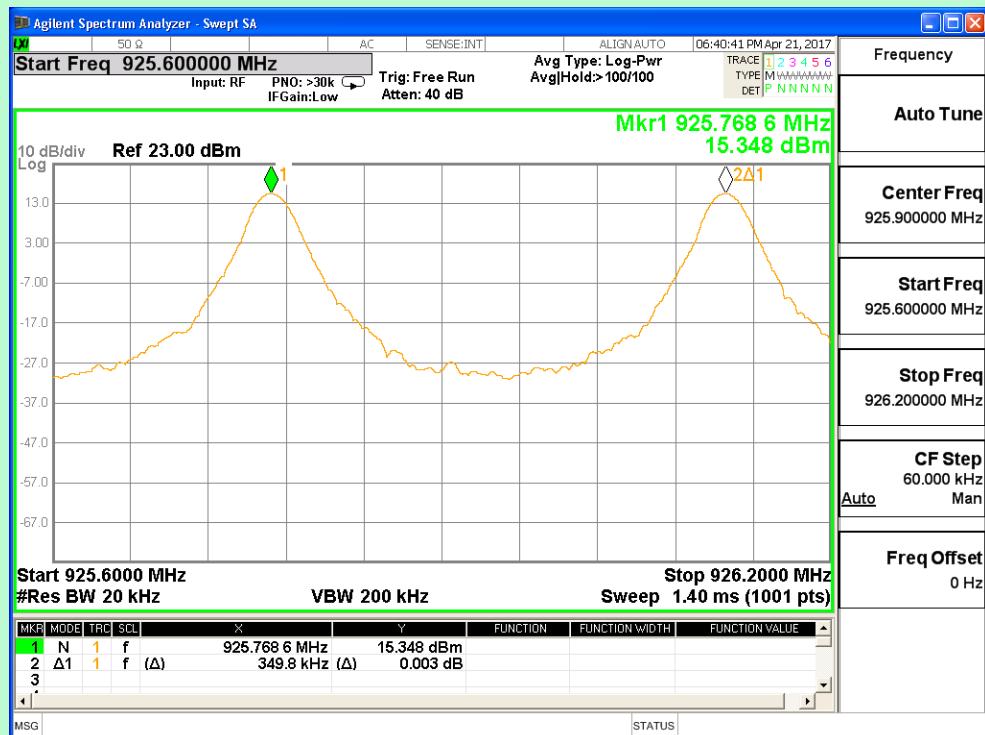
Channel 50 and 51



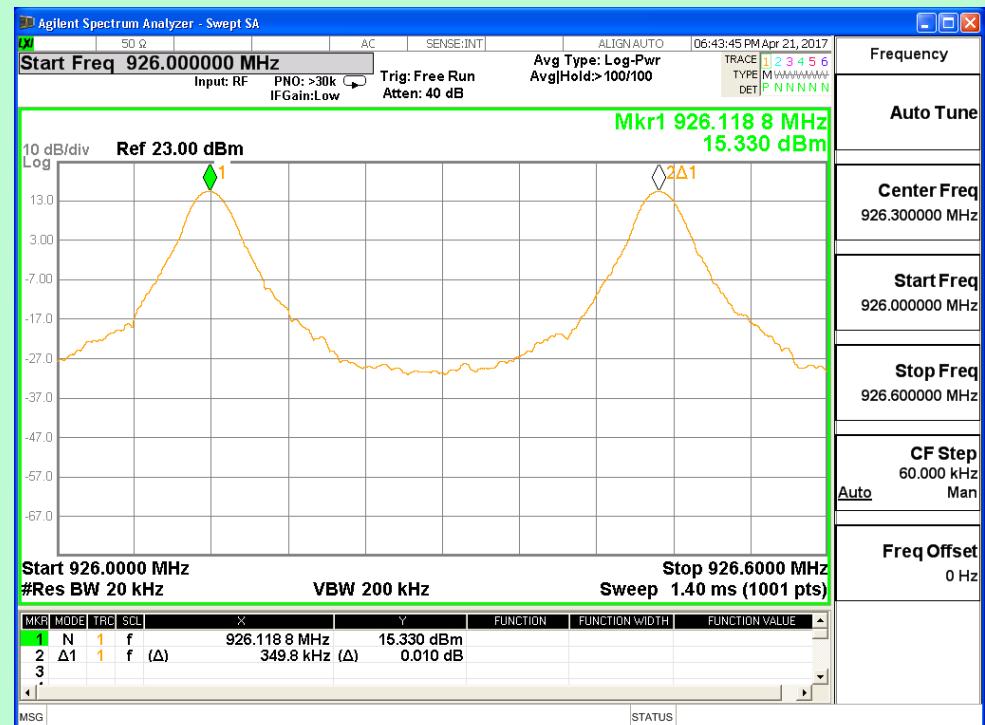
Channel 51 and 52



Channel 52 and 53



Channel 53 and 54



Channel 54 and 55

| TEST RESULTS | | | |
|---------------------|-----------------------|------------------|---------------------|
| Channel No | Measured Value | Limit | Test Results |
| # | KHz | | |
| 1 and 2 | 349.3 | >20dB BW(320KHz) | PASS |
| 2 and 3 | 350 | >20dB BW(320KHz) | PASS |
| 3 and 4 | 349.3 | >20dB BW(320KHz) | PASS |
| 4 and 5 | 350 | >20dB BW(320KHz) | PASS |
| 5 and 6 | 349.8 | >20dB BW(320KHz) | PASS |
| 6 and 7 | 350 | >20dB BW(320KHz) | PASS |
| 7 and 8 | 349.3 | >20dB BW(320KHz) | PASS |
| 8 and 9 | 350 | >20dB BW(320KHz) | PASS |
| 9 and 10 | 350 | >20dB BW(320KHz) | PASS |
| 10 and 11 | 350 | >20dB BW(320KHz) | PASS |
| 11 and 12 | 350 | >20dB BW(320KHz) | PASS |
| 12 and 13 | 349.8 | >20dB BW(320KHz) | PASS |
| 13 and 14 | 1350 | >20dB BW(320KHz) | PASS |
| 14 and 42 | 11797 | >20dB BW(320KHz) | PASS |
| 15 and 16 | 350 | >20dB BW(320KHz) | PASS |
| 16 and 17 | 350 | >20dB BW(320KHz) | PASS |
| 17 and 18 | 350 | >20dB BW(320KHz) | PASS |
| 18 and 19 | 350.4 | >20dB BW(320KHz) | PASS |
| 19 and 20 | 350.7 | >20dB BW(320KHz) | PASS |
| 20 and 21 | 350 | >20dB BW(320KHz) | PASS |
| 21 and 22 | 349.8 | >20dB BW(320KHz) | PASS |
| 22 and 23 | 349.2 | >20dB BW(320KHz) | PASS |
| 23 and 24 | 349.8 | >20dB BW(320KHz) | PASS |
| 24 and 25 | 349.8 | >20dB BW(320KHz) | PASS |
| 25 and 26 | 349.8 | >20dB BW(320KHz) | PASS |
| 26 and 27 | 350 | >20dB BW(320KHz) | PASS |
| 27 and 28 | 2351.7 | >20dB BW(320KHz) | PASS |
| 28 and 29 | 350 | >20dB BW(320KHz) | PASS |
| 29 and 30 | 349.8 | >20dB BW(320KHz) | PASS |
| 30 and 31 | 350 | >20dB BW(320KHz) | PASS |
| 31 and 32 | 350 | >20dB BW(320KHz) | PASS |
| 32 and 33 | 350 | >20dB BW(320KHz) | PASS |
| 33 and 34 | 349.6 | >20dB BW(320KHz) | PASS |
| 34 and 35 | 350 | >20dB BW(320KHz) | PASS |
| 35 and 36 | 349.6 | >20dB BW(320KHz) | PASS |
| 36 and 37 | 350 | >20dB BW(320KHz) | PASS |
| 37 and 38 | 349.8 | >20dB BW(320KHz) | PASS |
| 38 and 39 | 349.8 | >20dB BW(320KHz) | PASS |
| 39 and 40 | 349.8 | >20dB BW(320KHz) | PASS |
| 40 and 41 | 349.8 | >20dB BW(320KHz) | PASS |
| 42 and 43 | 1348.1 | >20dB BW(320KHz) | PASS |
| 43 and 44 | 349.8 | >20dB BW(320KHz) | PASS |
| 44 and 45 | 350 | >20dB BW(320KHz) | PASS |
| 45 and 46 | 349.8 | >20dB BW(320KHz) | PASS |
| 46 and 47 | 350 | >20dB BW(320KHz) | PASS |
| 47 and 48 | 349.8 | >20dB BW(320KHz) | PASS |
| 48 and 49 | 350 | >20dB BW(320KHz) | PASS |
| 49 and 50 | 349.8 | >20dB BW(320KHz) | PASS |
| 50 and 51 | 349.8 | >20dB BW(320KHz) | PASS |

| | | | |
|-----------|-------|------------------|------|
| 51 and 52 | 350.4 | >20dB BW(320KHz) | PASS |
| 52 and 53 | 349.8 | >20dB BW(320KHz) | PASS |
| 53 and 54 | 349.8 | >20dB BW(320KHz) | PASS |
| 54 and 55 | 349.8 | >20dB BW(320KHz) | PASS |

TEST SETUP PHOTOGRAPH

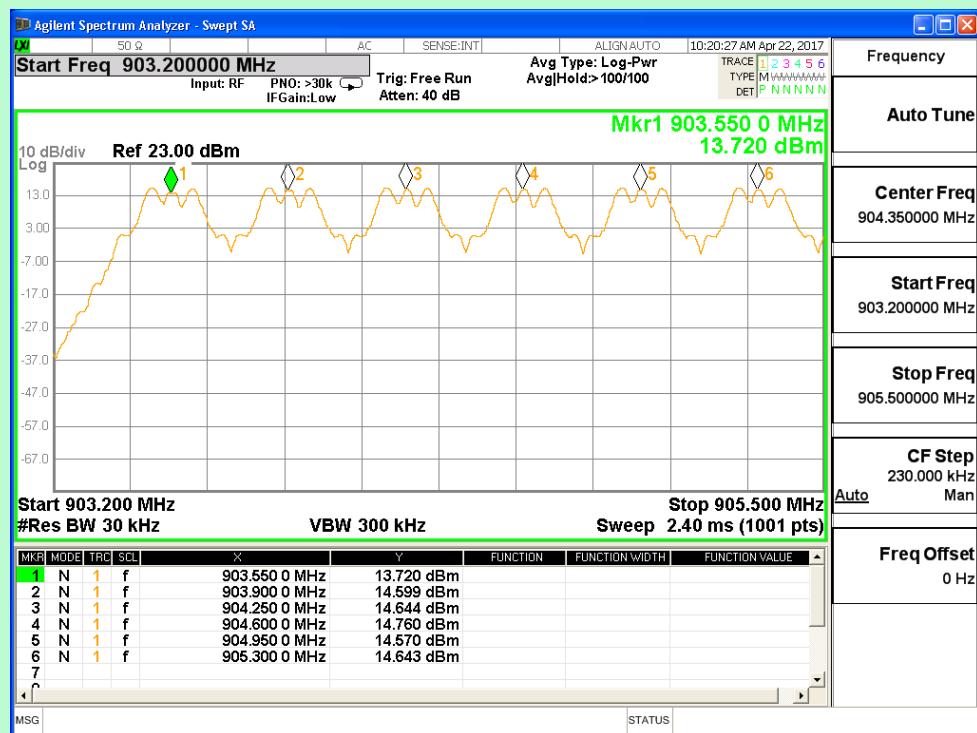
Refer Annexure -1

Conducted RF Test setup

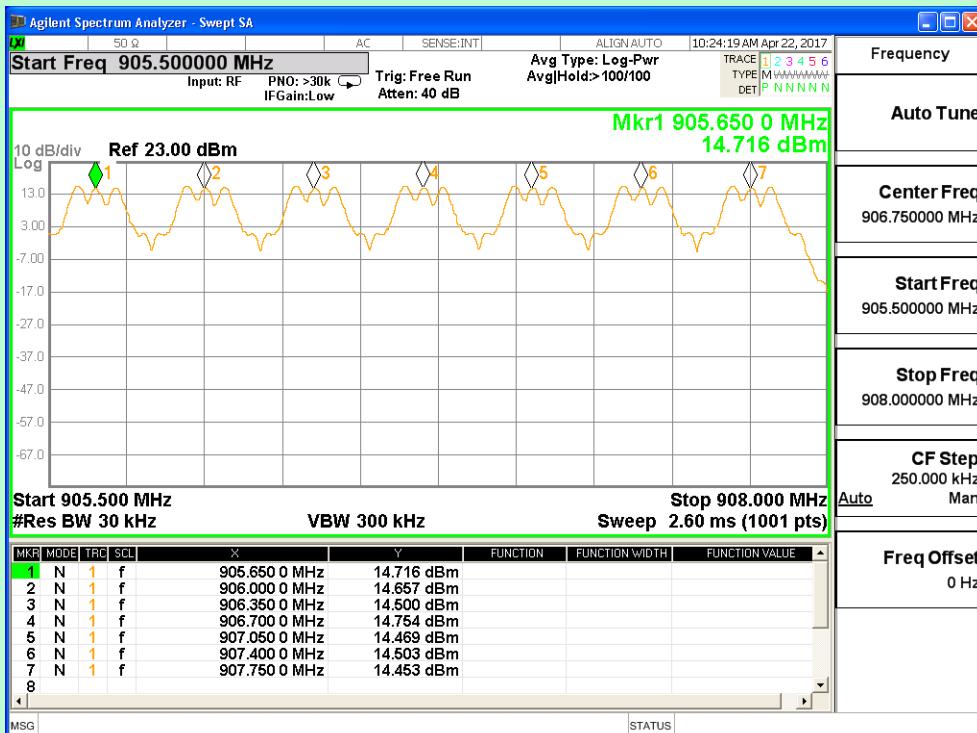
| 2.4 NUMBER OF HOPPING CHANNELS | | | |
|--------------------------------|---|---|-----------|
| EUT Nomenclature | Wireless AV Base | Test Request No. | EMC0209-1 |
| Model No. | WAV-RL | Serial No. | AV-RF202 |
| Test Start Date | 22-Apr-2017 | Temperature (°C) | 23.6 °C |
| Test End Date | 22-Apr-2017 | Humidity RH (%) | 51.9%RH |
| Tested By | Sasikala | Pressure (mbar) | NR |
| Input Voltage / Freq. | 3.3Vdc | | |
| Operating Mode | Refer Page 5 for Operating Mode Table | | |
| Test configuration | Refer Page 5 for Test Configuration Table | | |
| Deviation from Std. | NA | | |
| Applicable standard | FCC Part 15.247:2010 | | |
| Test Method | DA 00-705 | | |
| Comment | NA | | |
| TEST DETAILS | | | |
| Method | Radiated <input type="checkbox"/> | Conducted <input checked="" type="checkbox"/> | |
| TEST PARAMETERS | | | |
| Antenna Height | NA | Turntable Rotation | NA |
| Equipment Class | NA | Measurement Distance | NA |

| TEST EQUIPMENT | | | | | |
|----------------|-------------------|---------------|----------------------|------------|--------------|
| Y/N | Equipment | Make | Model | Sl. No. | Cal Due Date |
| Y | Spectrum Analyzer | Agilent | N9010A | MY48031005 | 22-Feb-2018 |
| Y | RF Cable | Huber- Suhner | SF104/2X11PC3542/500 | NA | NA |

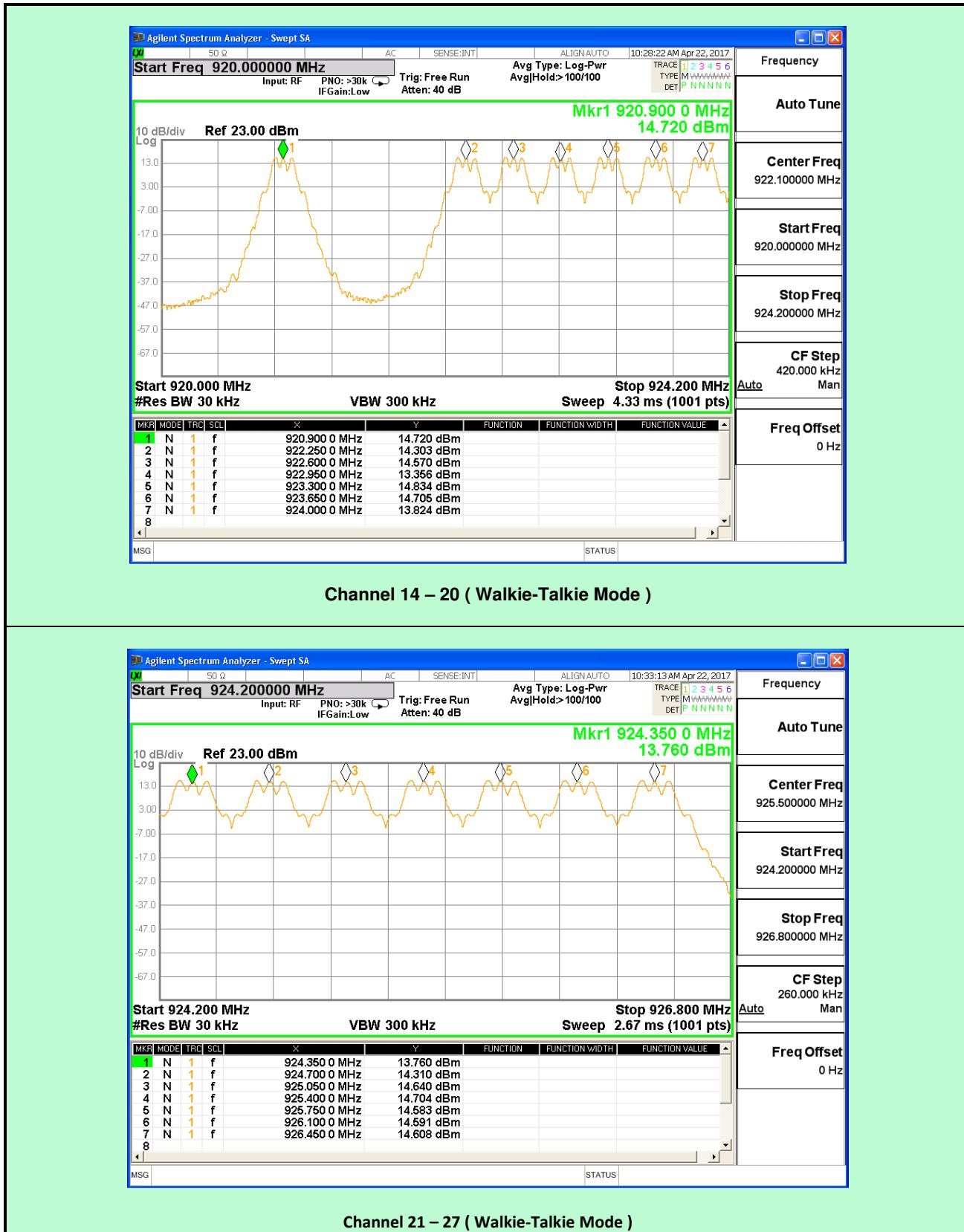
TEST GRAPHS



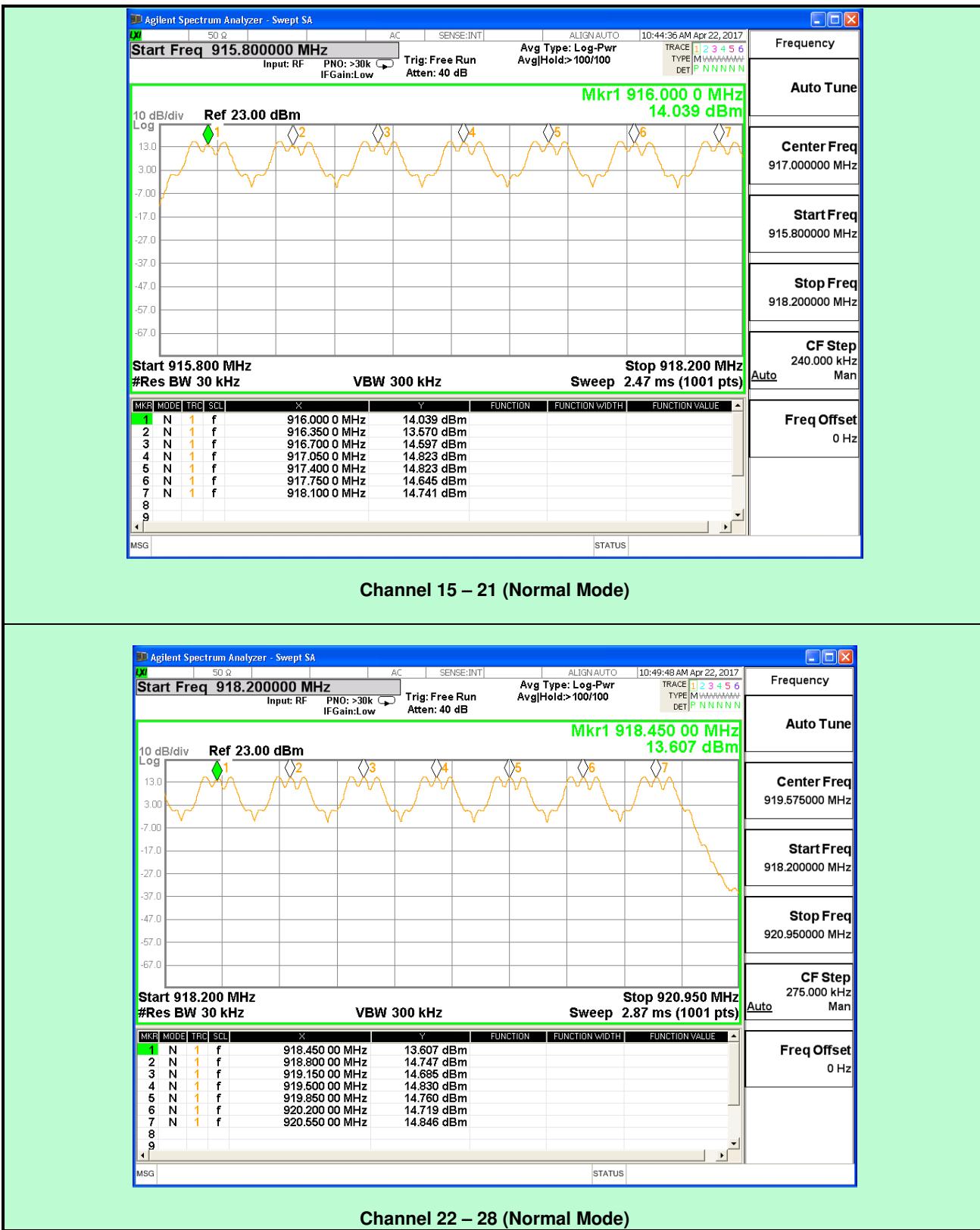
Channel 1 – 6 (Walkie-Talkie Mode)



Channel 7 – 13 (Walkie-Talkie Mode)







| TEST RESULTS | | | |
|--------------------------|---------------------------------|--------------------------------|---------------------|
| Mode of Operation | No. of Channels Measured | Limit (No. of Channels) | Test Results |
| # | # | # | |
| Normal Mode | 28 | ≥25 | PASS |
| Walkie-Talkie Mode | 27 | ≥25 | PASS |

TEST SETUP PHOTOGRAPH

Refer Annexure -1

Conducted RF Test setup