

6.1.4. LTE BAND 17

Band 17, UL Channel 23755, UL Frequency 706.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



Band 17, UL Channel 23755, UL Frequency 706.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



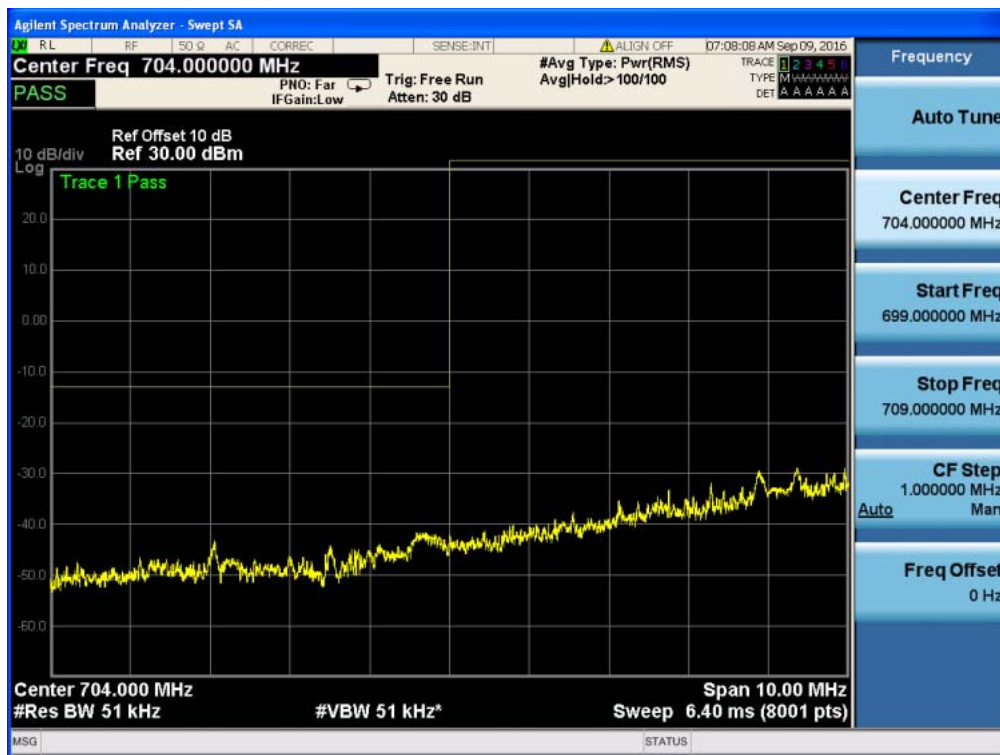
Band 17, UL Channel 23755, UL Frequency 706.5, BW 5.0, NO. RB 25, RB POS. Low, 16QAM



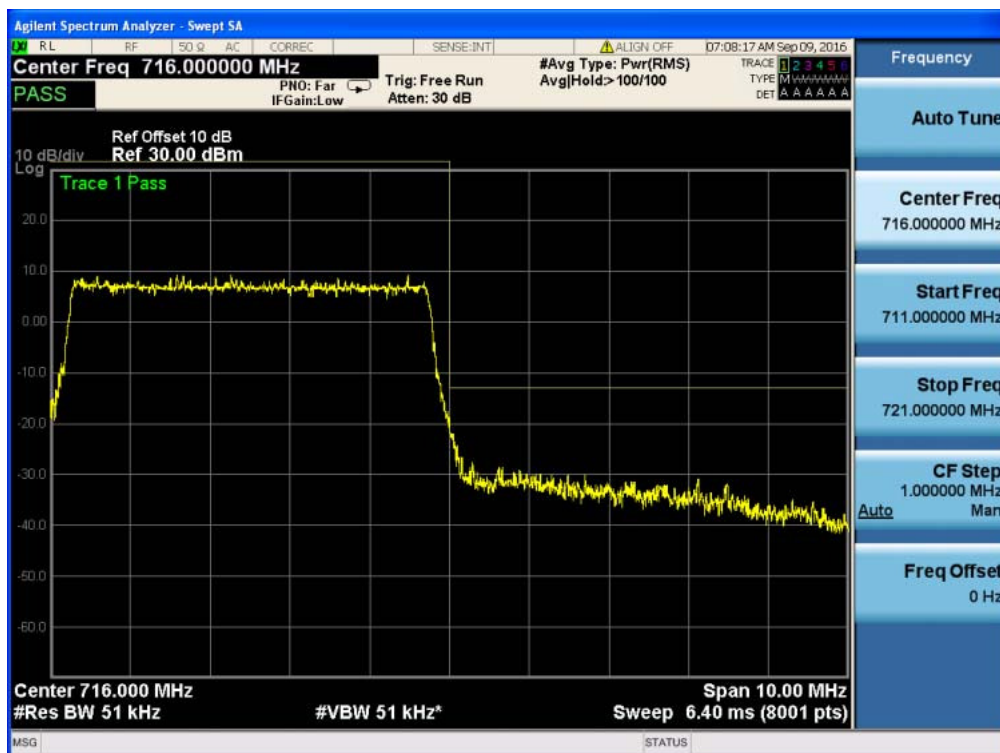
Band 17, UL Channel 23755, UL Frequency 706.5, BW 5.0, NO. RB 25, RB POS. Low, 16QAM



Band 17, UL Channel 23825, UL Frequency 713.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



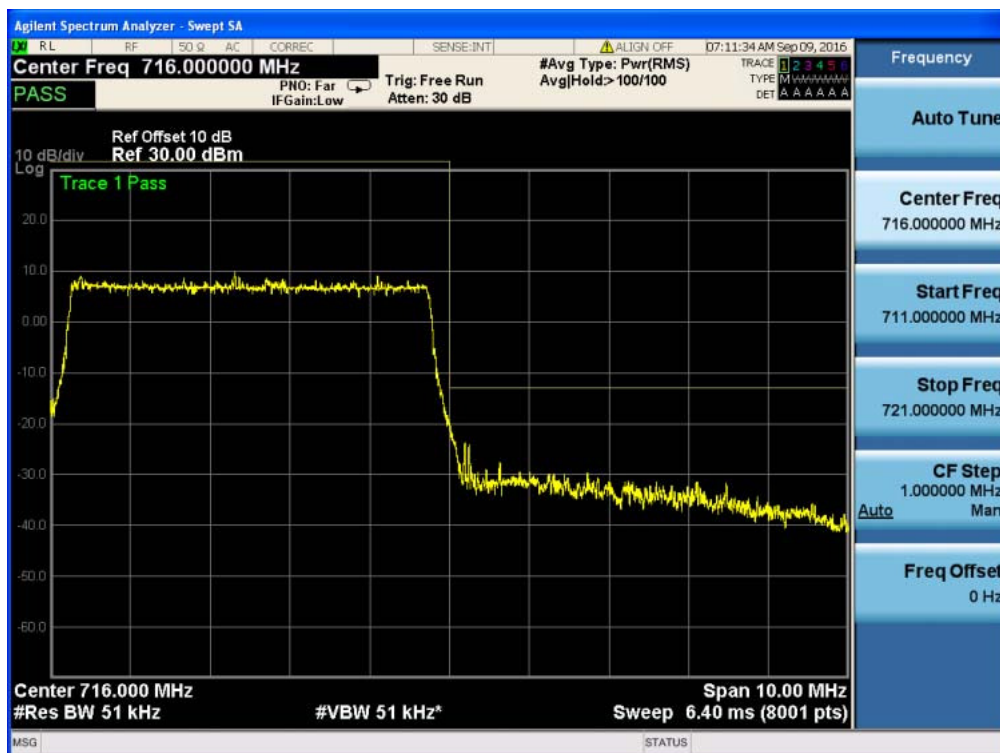
Band 17, UL Channel 23825, UL Frequency 713.5, BW 5.0, NO. RB 25, RB POS. Low, QPSK



Band 17, UL Channel 23825, UL Frequency 713.5, BW 5.0, NO. RB 25, RB POS. Low, 16QAM



Band 17, UL Channel 23825, UL Frequency 713.5, BW 5.0, NO. RB 25, RB POS. Low, 16QAM



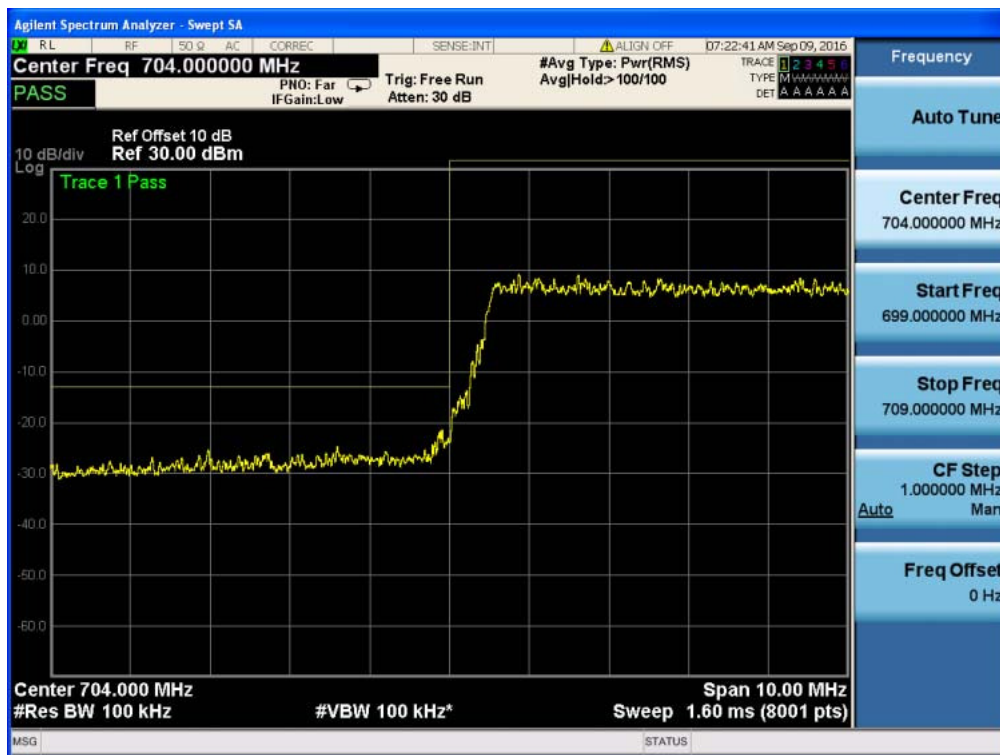
Band 17, UL Channel 23780, UL Frequency 709.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK



Band 17, UL Channel 23780, UL Frequency 709.0, BW 10.0, NO. RB 50, RB POS. Low, QPSK



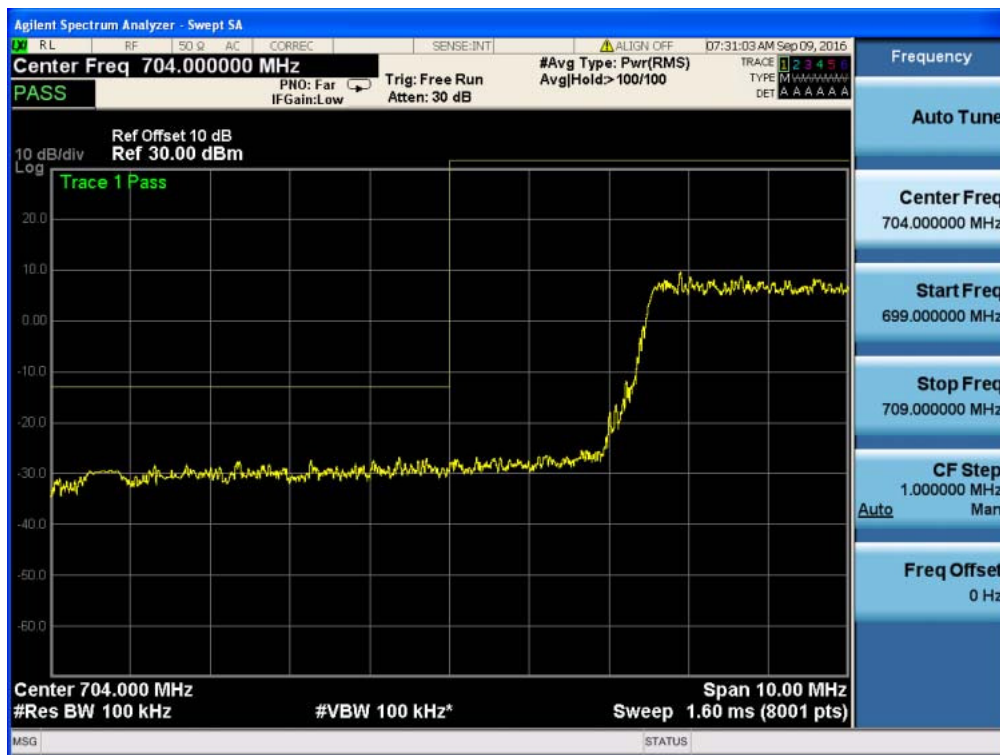
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Band 17, UL Channel 23780, UL Frequency 709.0, BW 10.0, NO. RB 50, RB POS. Low, 16QAM



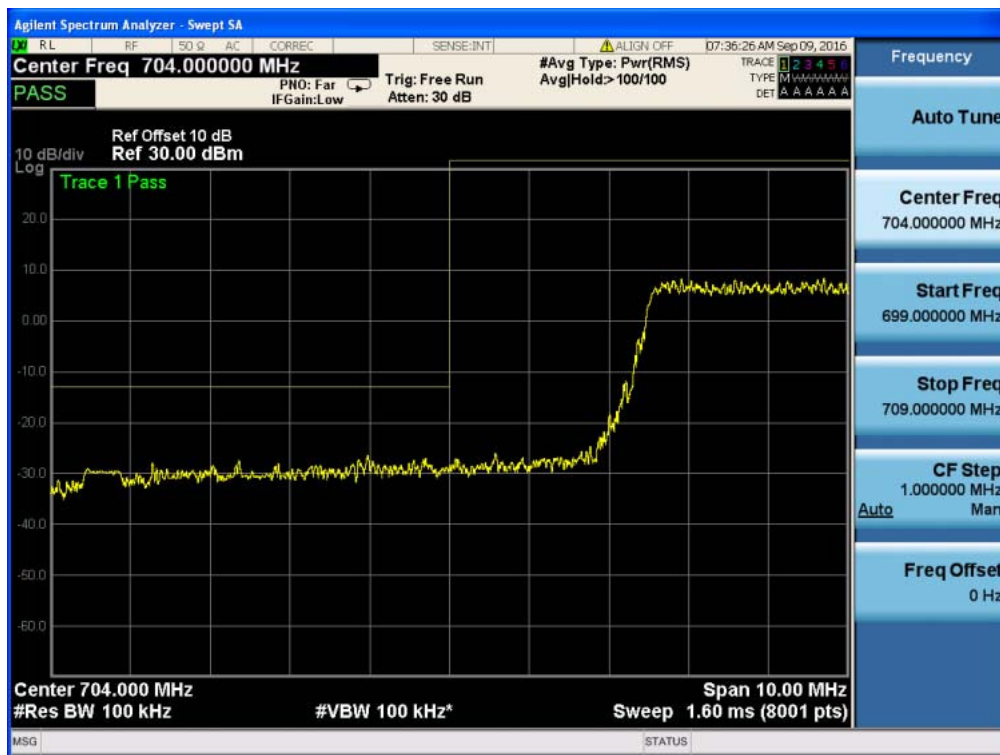
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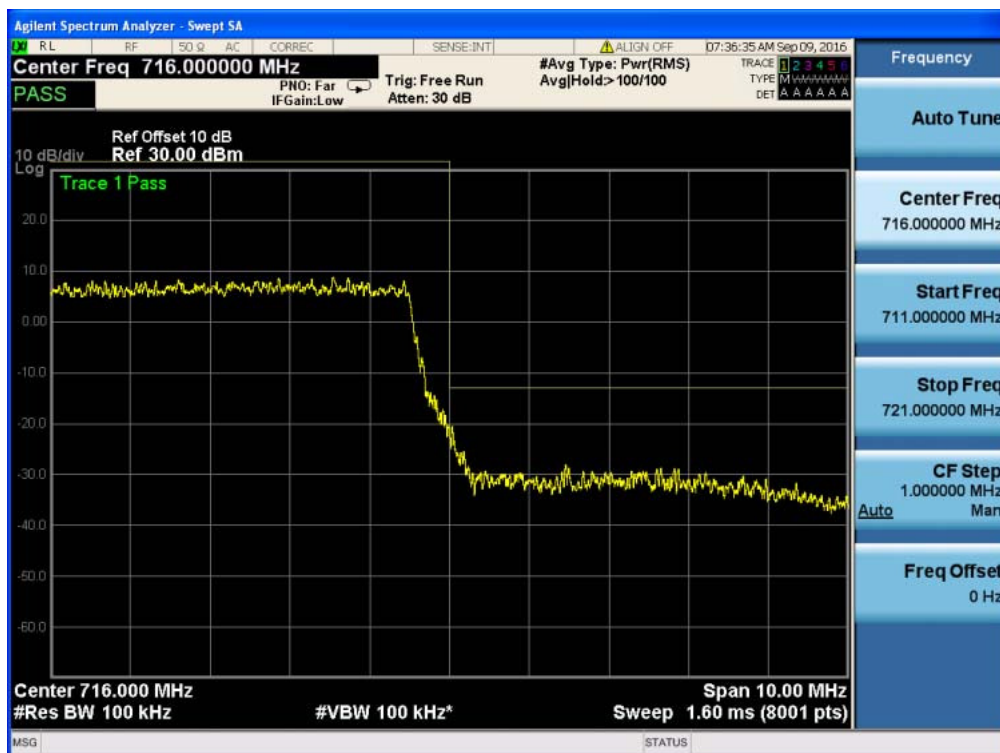
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Band 17,UL Channel 23800,UL Frequency 711.0,BW 10.0,NO. RB 50,RB POS. Low,16QAM



Band 17,UL Channel 23800,UL Frequency 711.0,BW 10.0,NO. RB 50,RB POS. Low,16QAM



7. OUT OF BAND EMISSIONS

RULE PART(S)

FCC: §2.1051, §22.901, §22.917, §24.238 and §27.53

LIMITS

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

TEST PROCEDURE

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm

- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz.

MODES TESTED

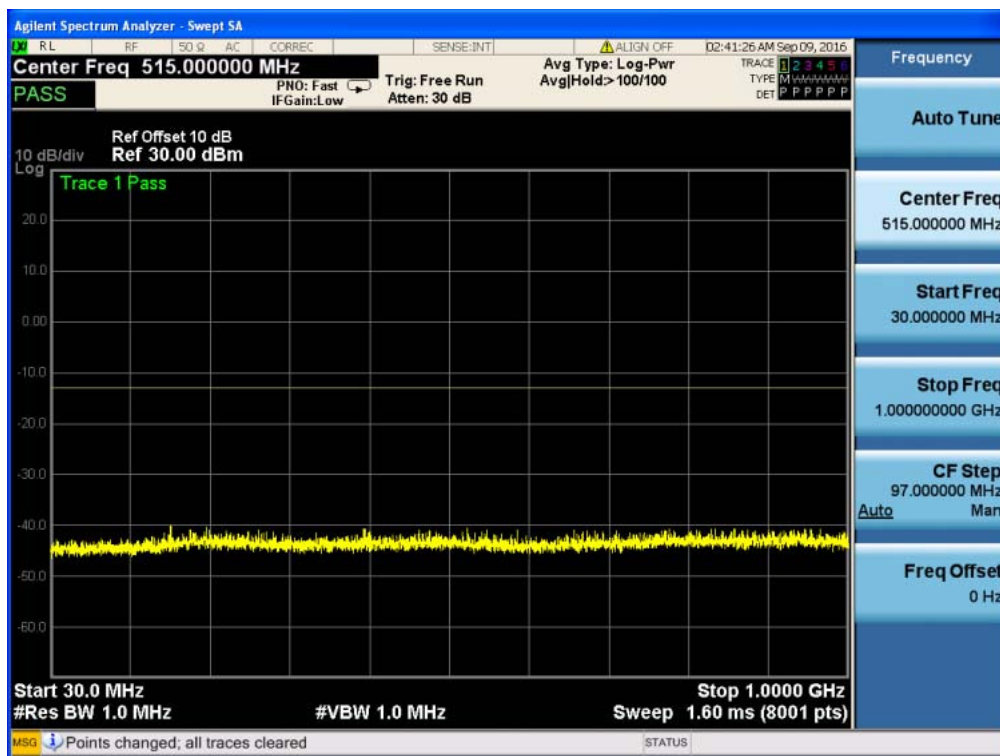
- LTE Band 2
- LTE Band 4
- LTE Band 7
- LTE Band 17

7.1 MEASUREMENT METHOD

The test set up and general procedure is similar to conducted peak output power test. Only different for setting the measurement configuration of the measuring instrument of Spectrum Analyzer.

7.1.1. LTE BAND 2

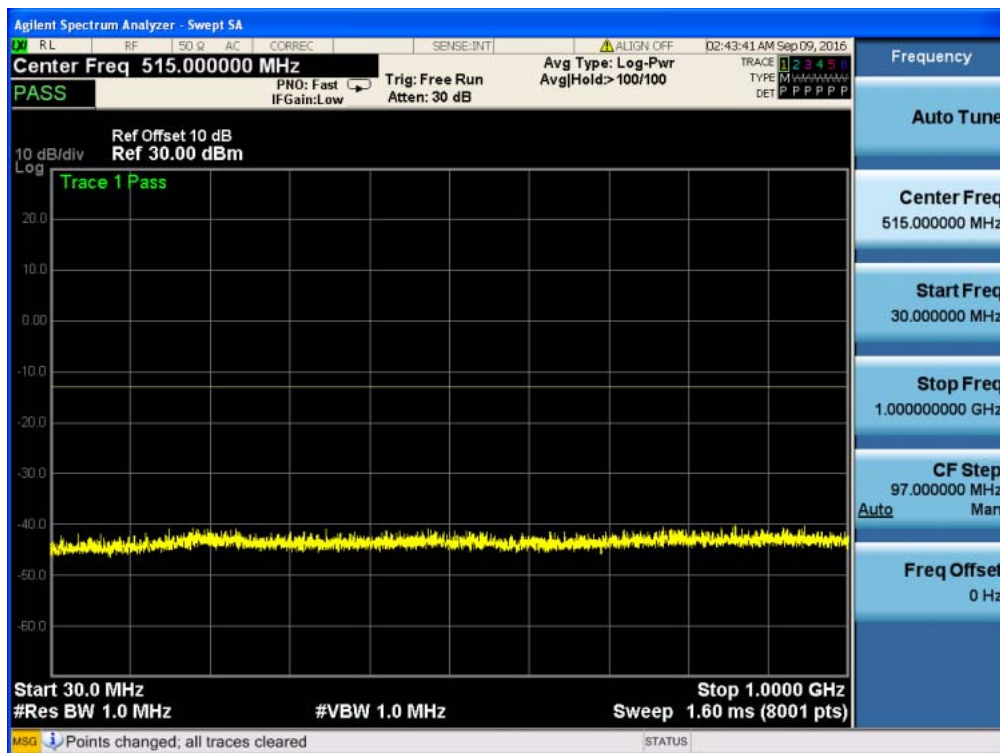
Band 2,UL Channel 18607,UL Frequency 1850.7,BW 1.4,NO. RB 1,RB POS. Low,QPSK



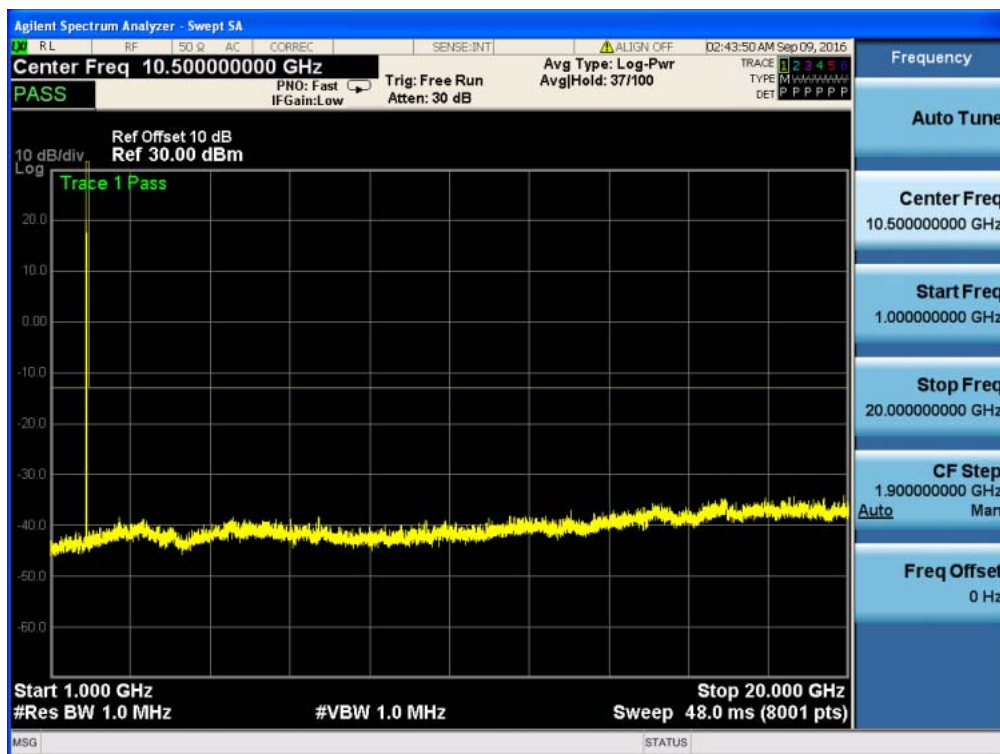
Band 2,UL Channel 18607,UL Frequency 1850.7,BW 1.4,NO. RB 1,RB POS. Low,QPSK



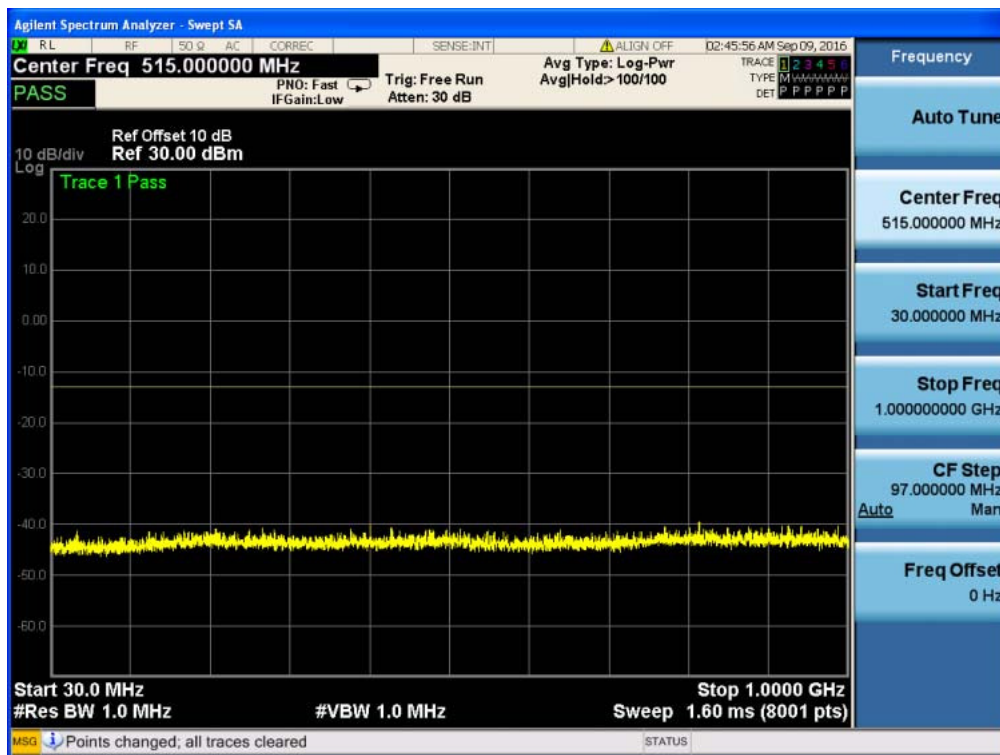
Band 2,UL Channel 18607,UL Frequency 1850.7,BW 1.4,NO. RB 1,RB POS. Low,16QAM



Band 2,UL Channel 18607,UL Frequency 1850.7,BW 1.4,NO. RB 1,RB POS. Low,16QAM



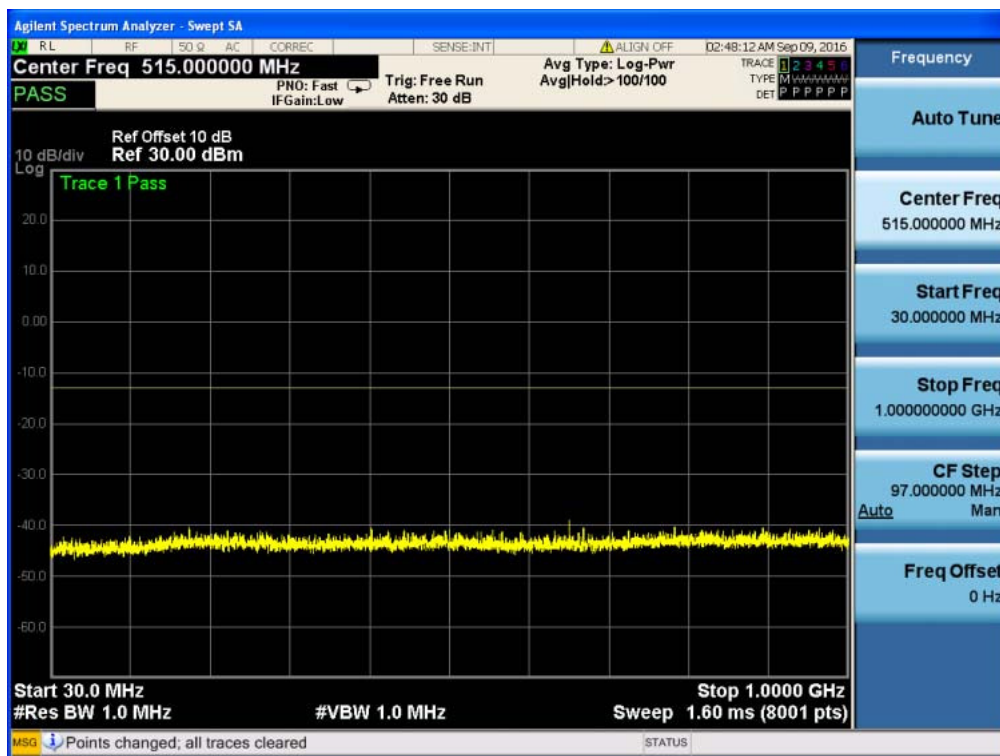
Band 2,UL Channel 19193,UL Frequency 1909.3,BW 1.4,NO. RB 1,RB POS. Low,QPSK



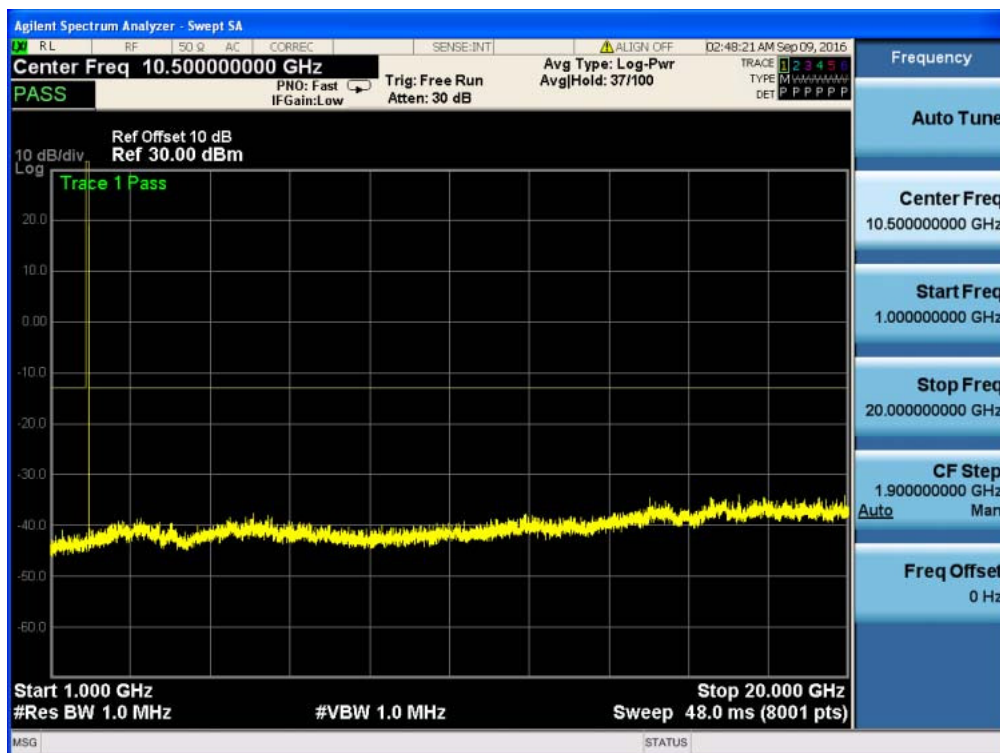
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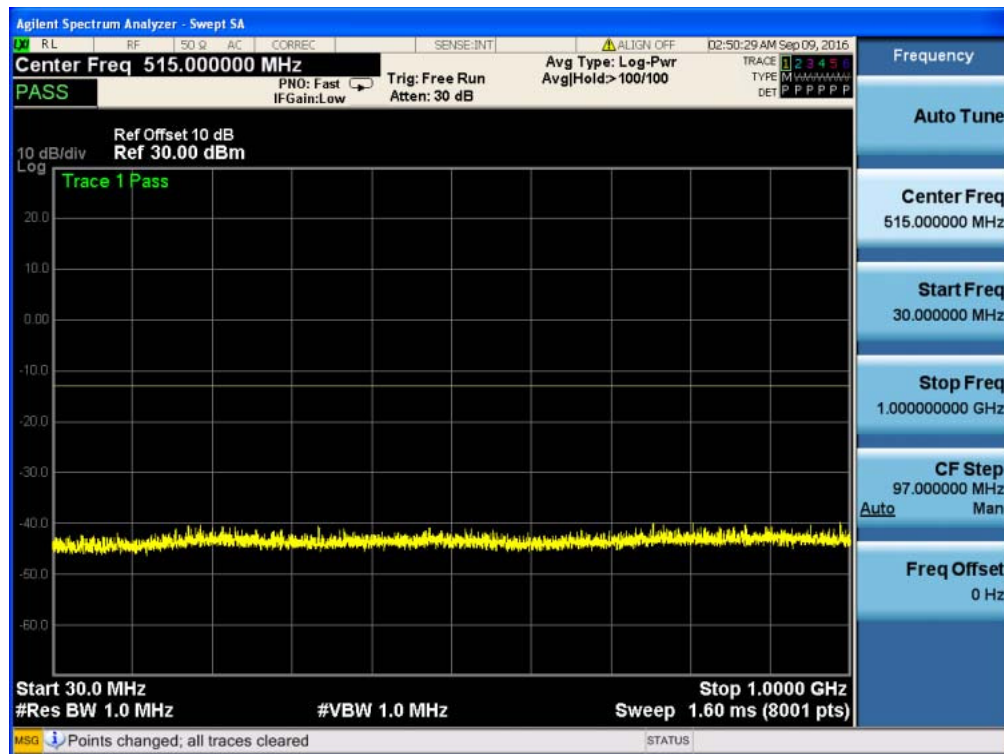
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Band 2,UL Channel 19193,UL Frequency 1909.3,BW 1.4,NO. RB 1,RB POS. Low,16QAM



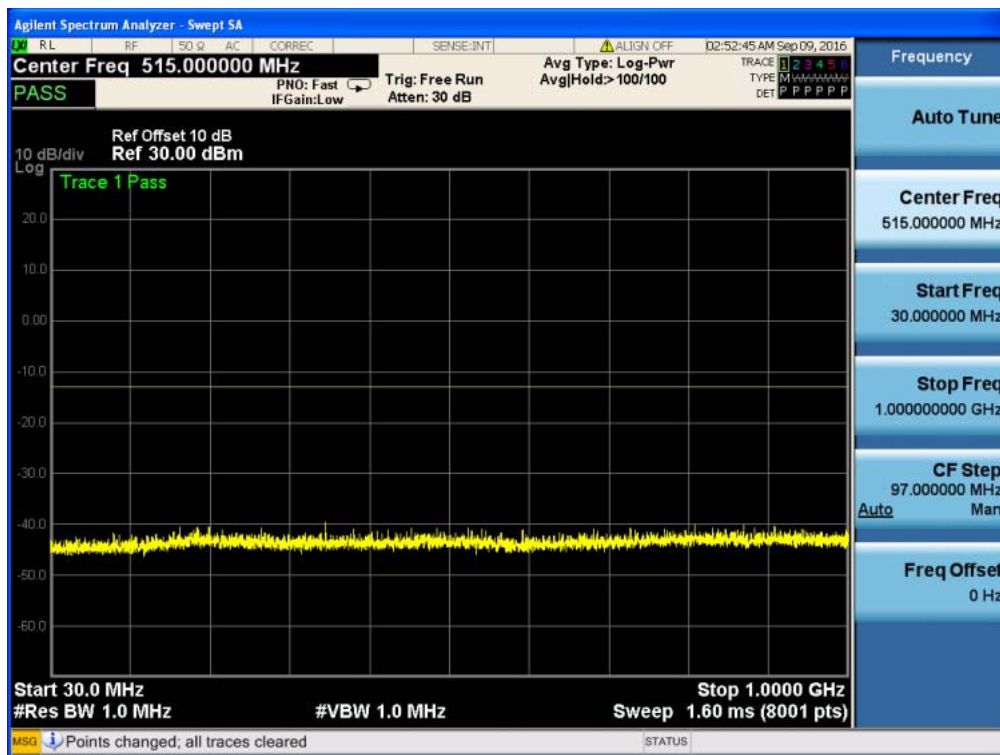
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Band 2,UL Channel 18615,UL Frequency 1851.5,BW 3.0,NO. RB 1,RB POS. Low,QPSK



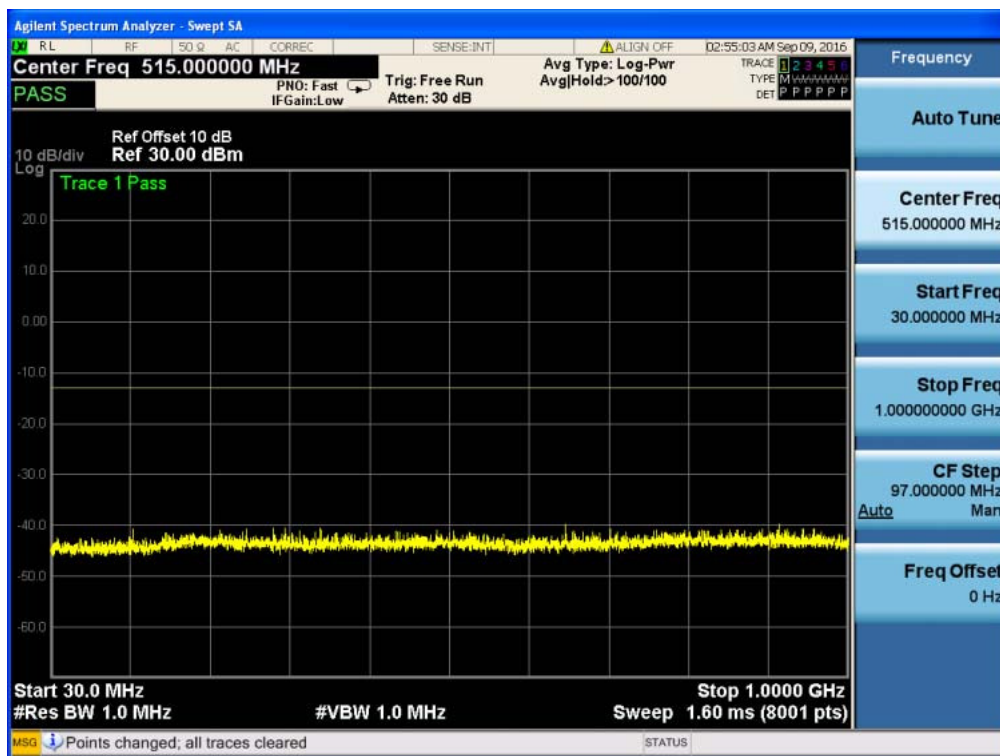
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Band 2,UL Channel 18615,UL Frequency 1851.5,BW 3.0,NO. RB 1,RB POS. Low,16QAM



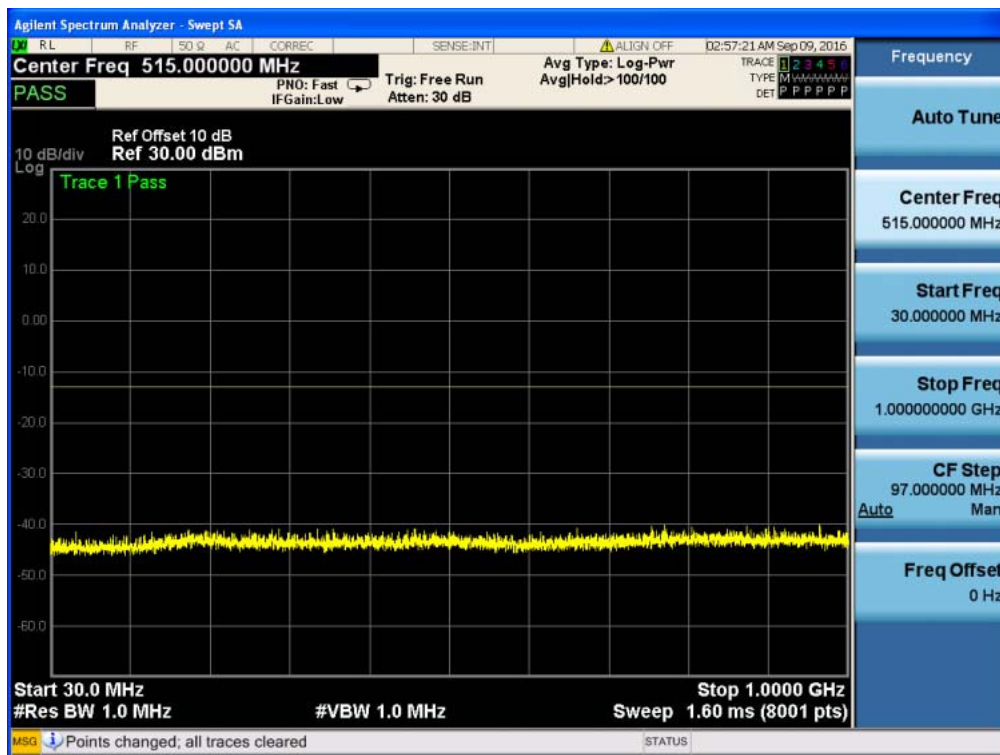
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Band 2,UL Channel 19185,UL Frequency 1908.5,BW 3.0,NO. RB 1,RB POS. Low,QPSK



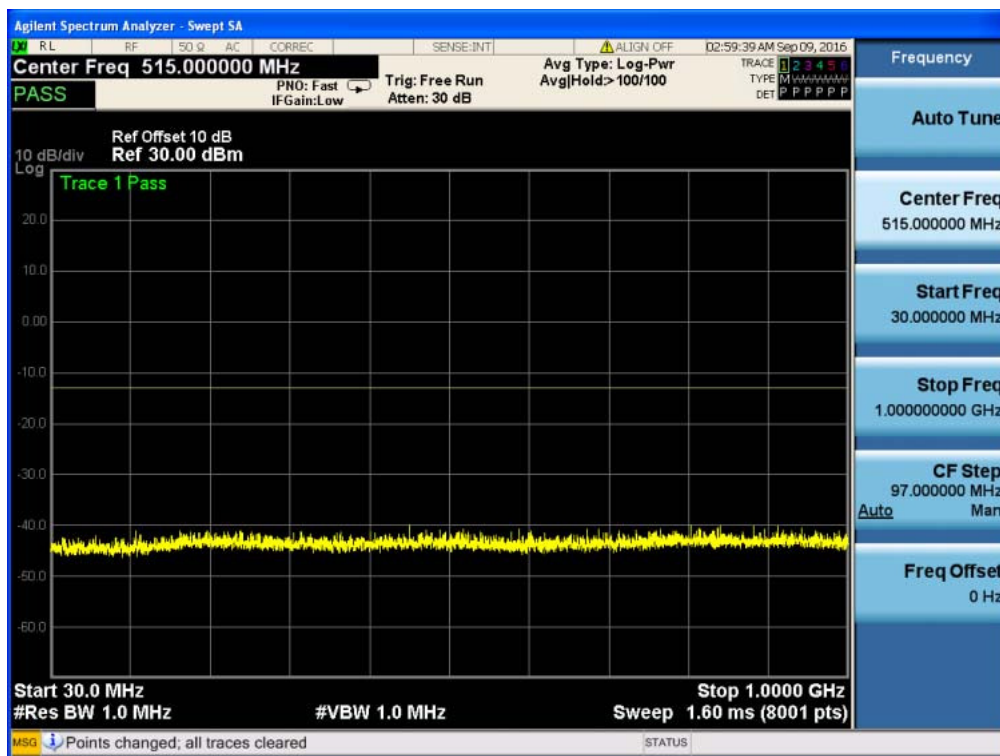
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Band 2,UL Channel 19185,UL Frequency 1908.5,BW 3.0,NO. RB 1,RB POS. Low,16QAM



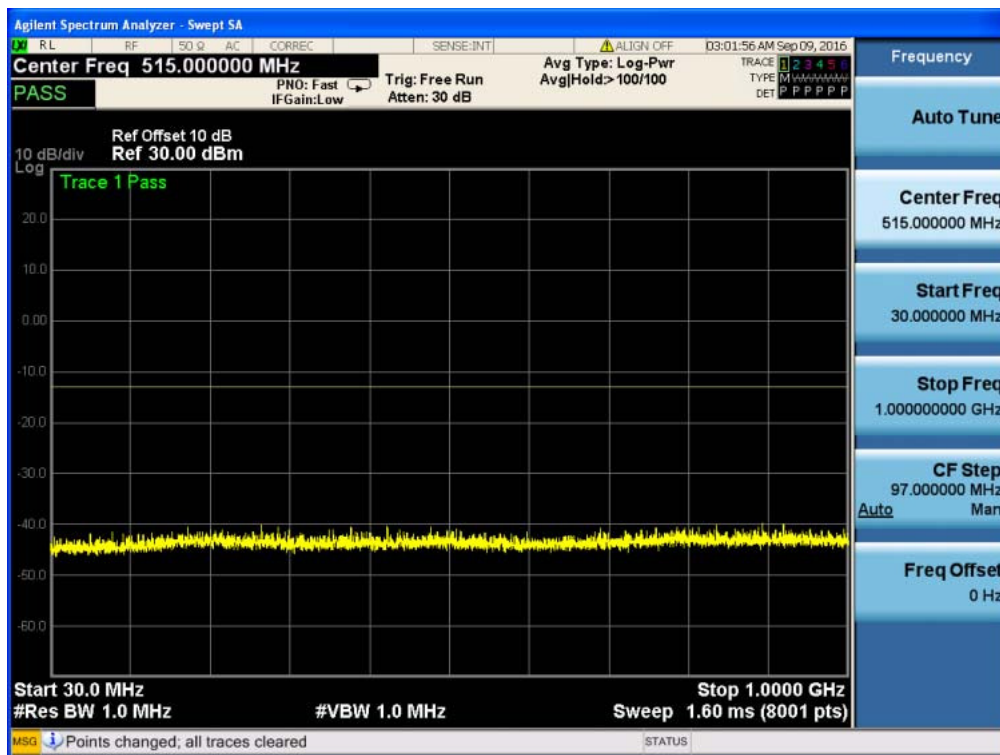
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Band 2,UL Channel 18625,UL Frequency 1852.5,BW 5.0,NO. RB 1,RB POS. Low,QPSK



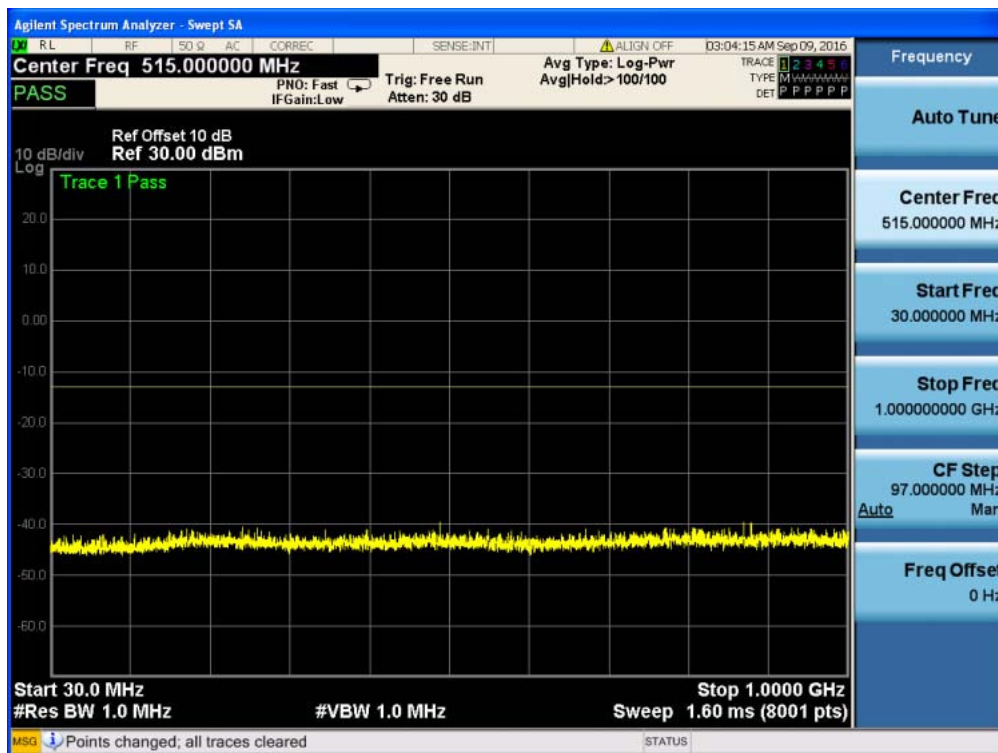
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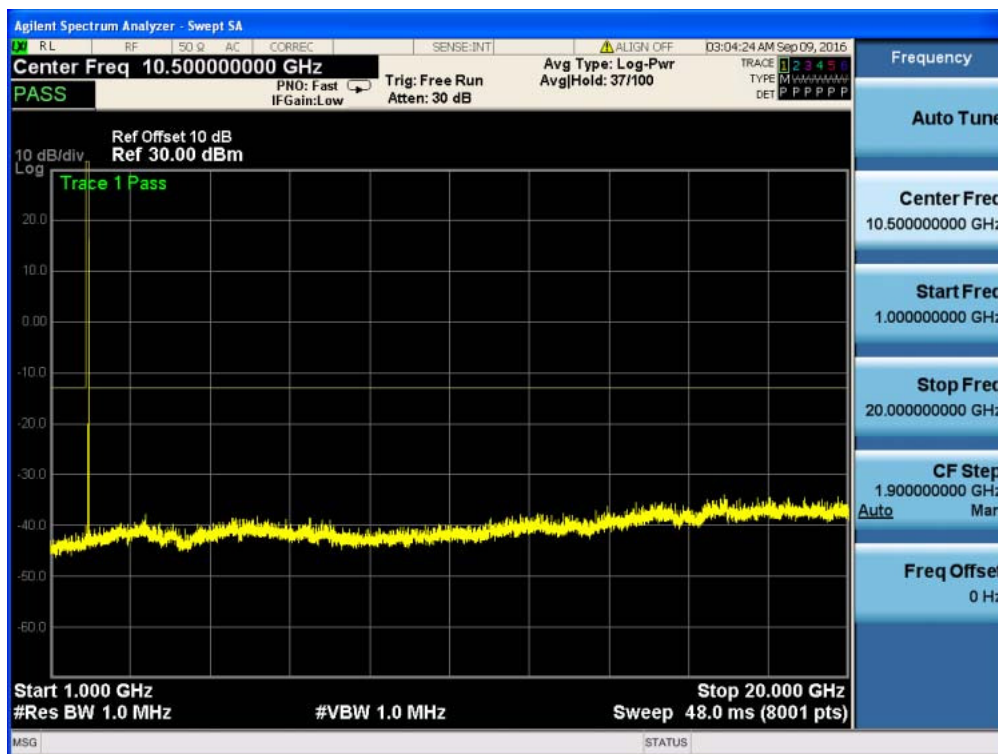
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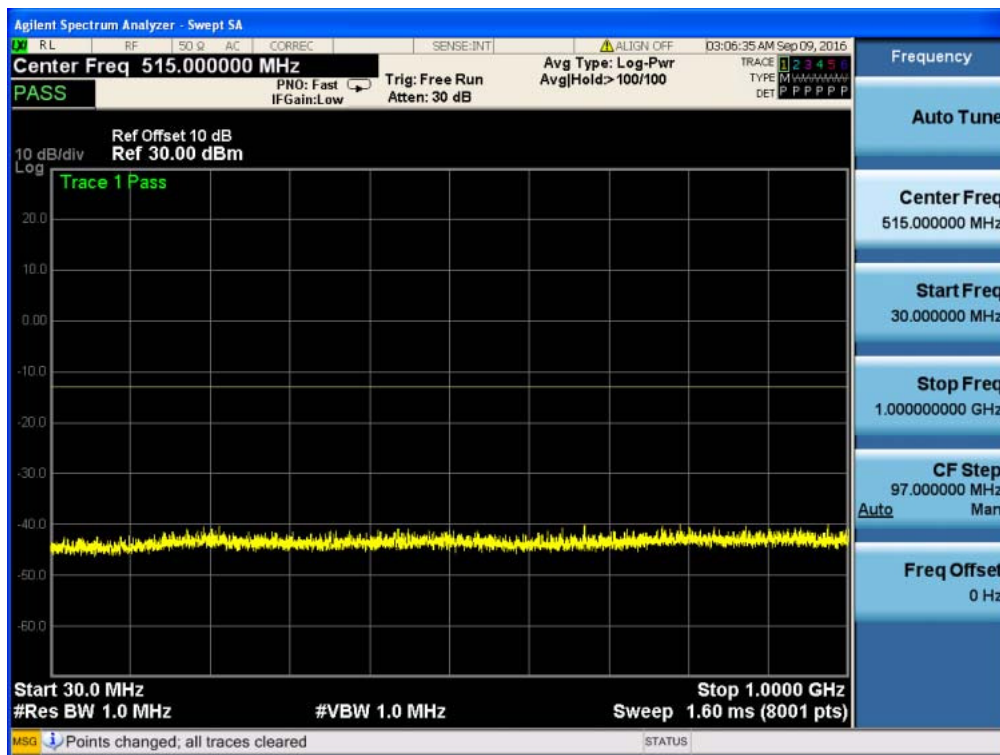
Band 2,UL Channel 19175,UL Frequency 1907.5,BW 5.0,NO. RB 1,RB POS. Low,QPSK



Band 2,UL Channel 19175,UL Frequency 1907.5,BW 5.0,NO. RB 1,RB POS. Low,QPSK



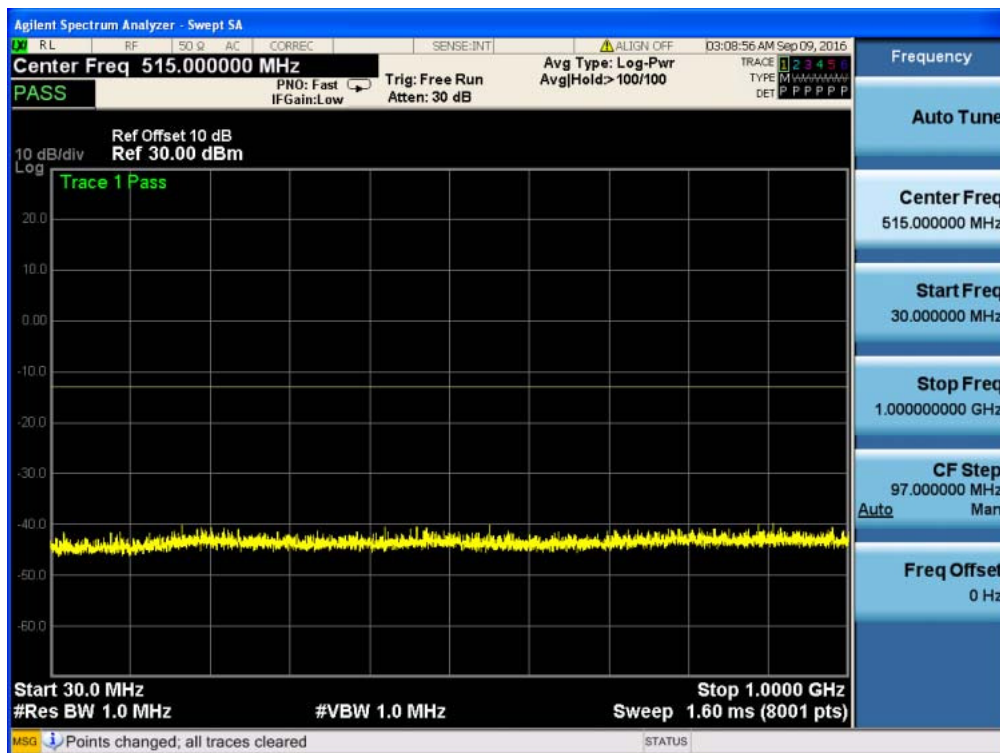
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Band 2,UL Channel 19175,UL Frequency 1907.5,BW 5.0,NO. RB 1,RB POS. Low,16QAM



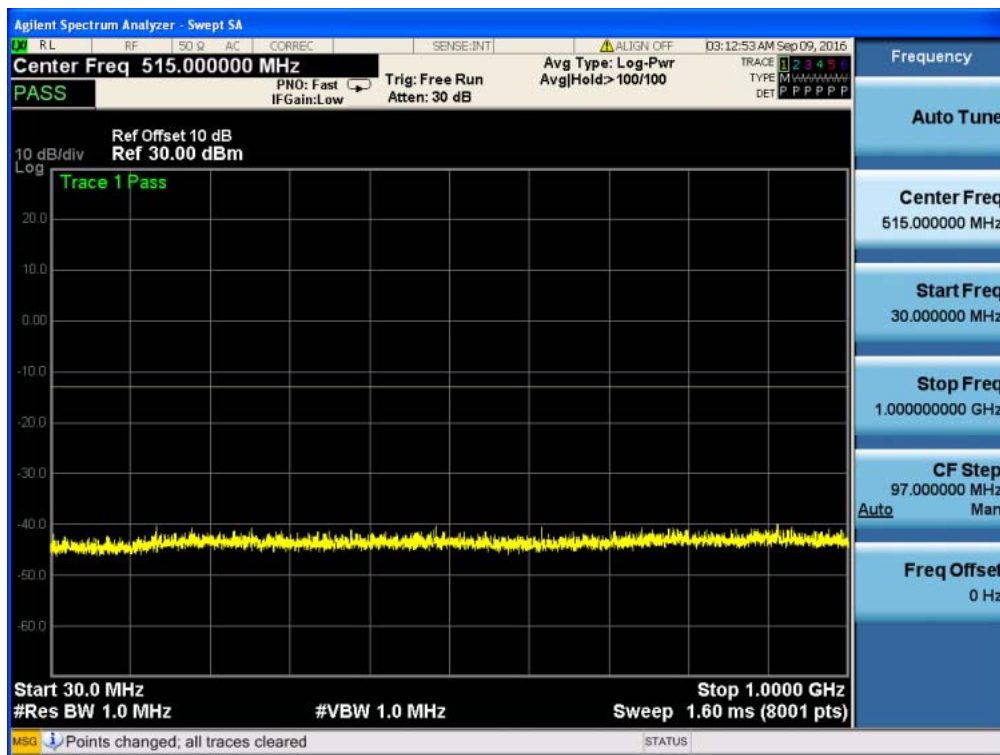
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Band 2,UL Channel 18650,UL Frequency 1855.0,BW 10.0,NO. RB 1,RB POS. Low,QPSK



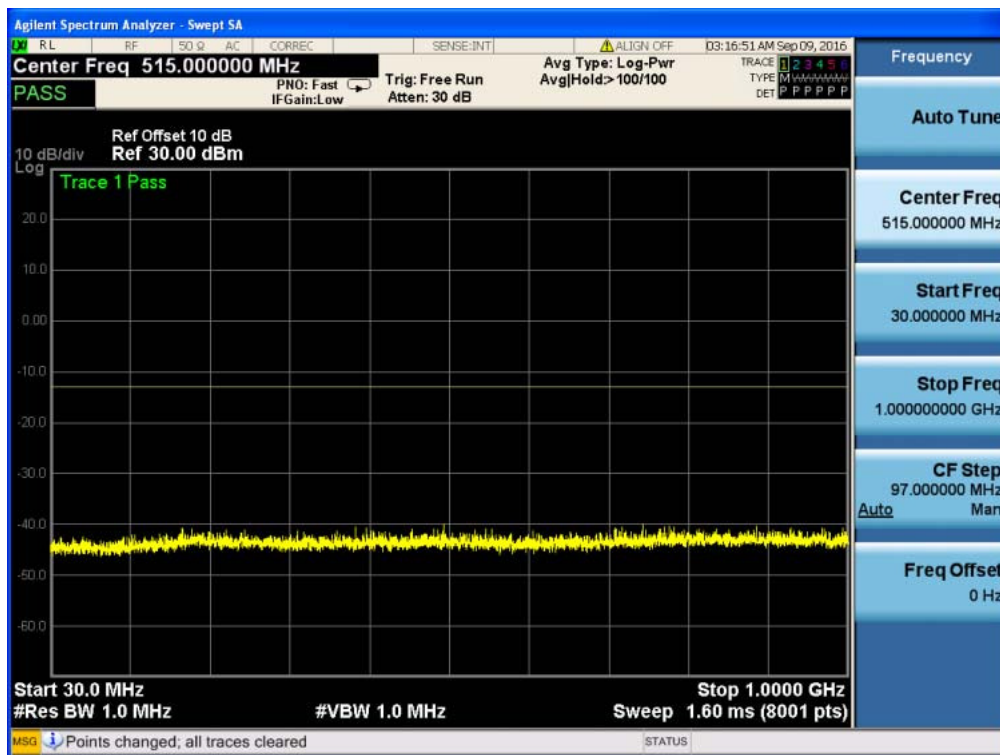
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Band 2,UL Channel 18650,UL Frequency 1855.0,BW 10.0,NO. RB 1,RB POS. Low,16QAM



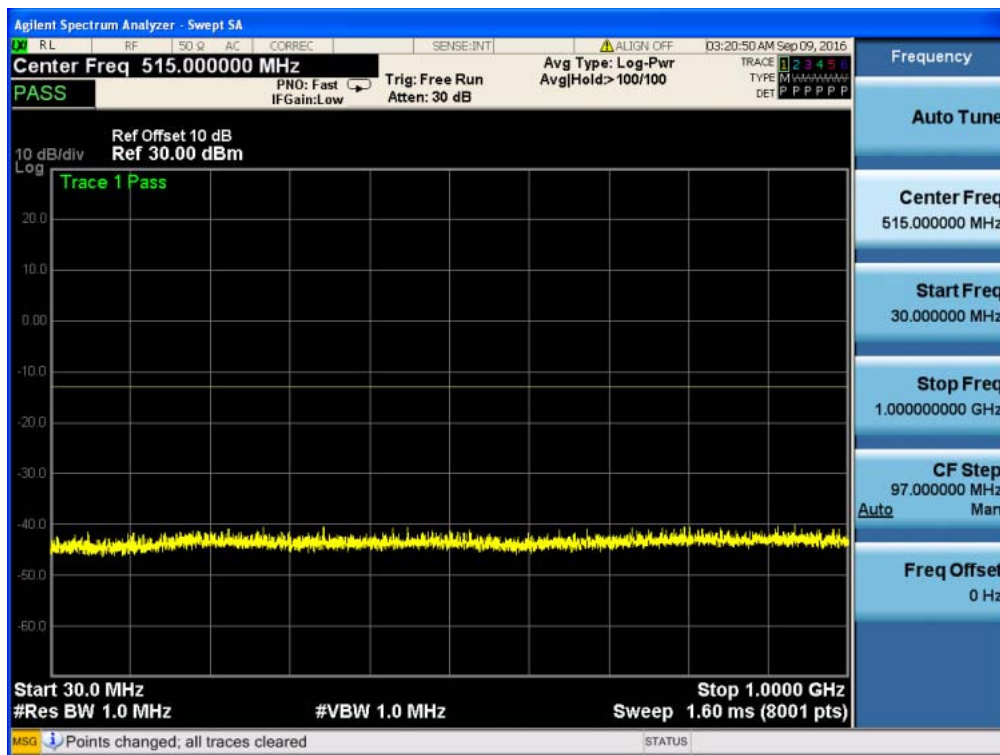
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Band 2,UL Channel 19150,UL Frequency 1905.0,BW 10.0,NO. RB 1,RB POS. Low,QPSK



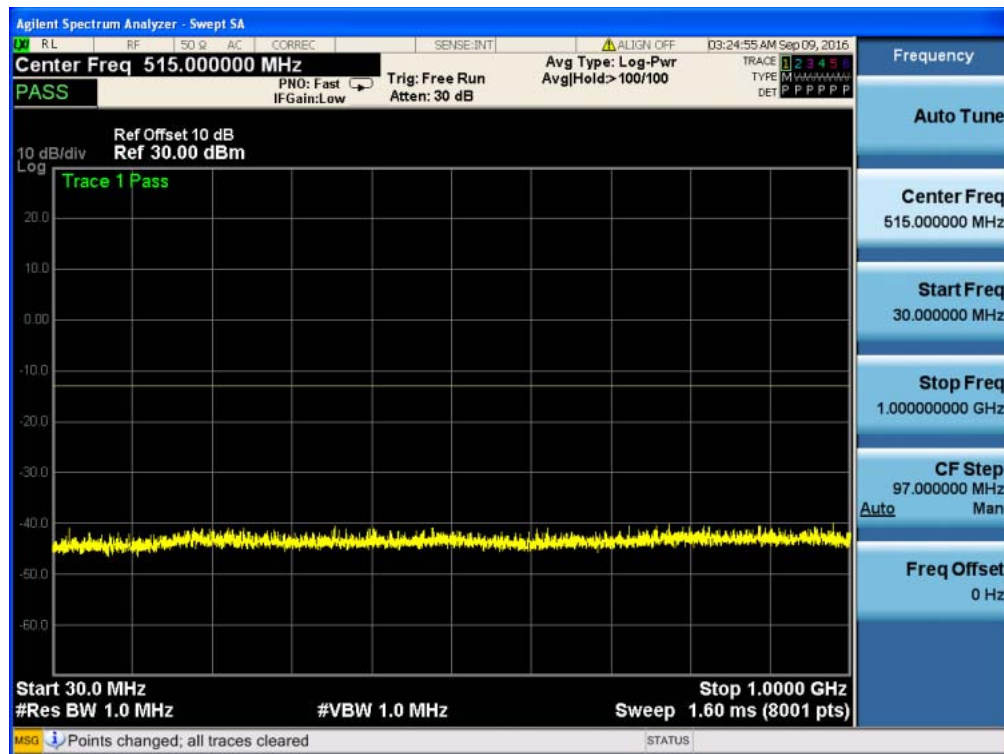
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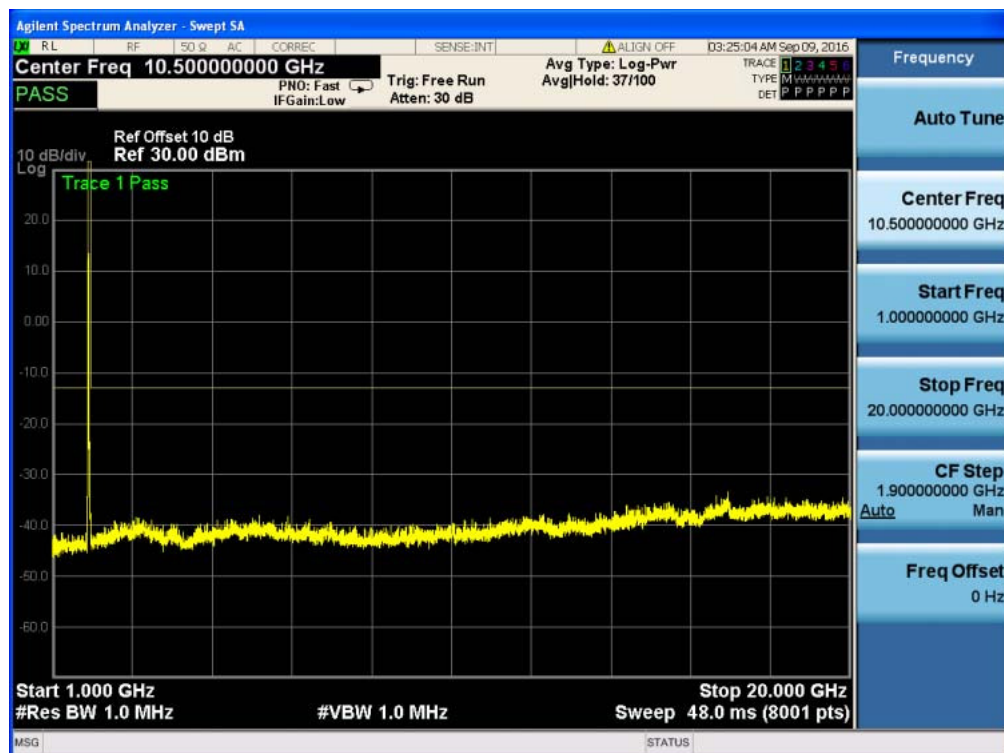
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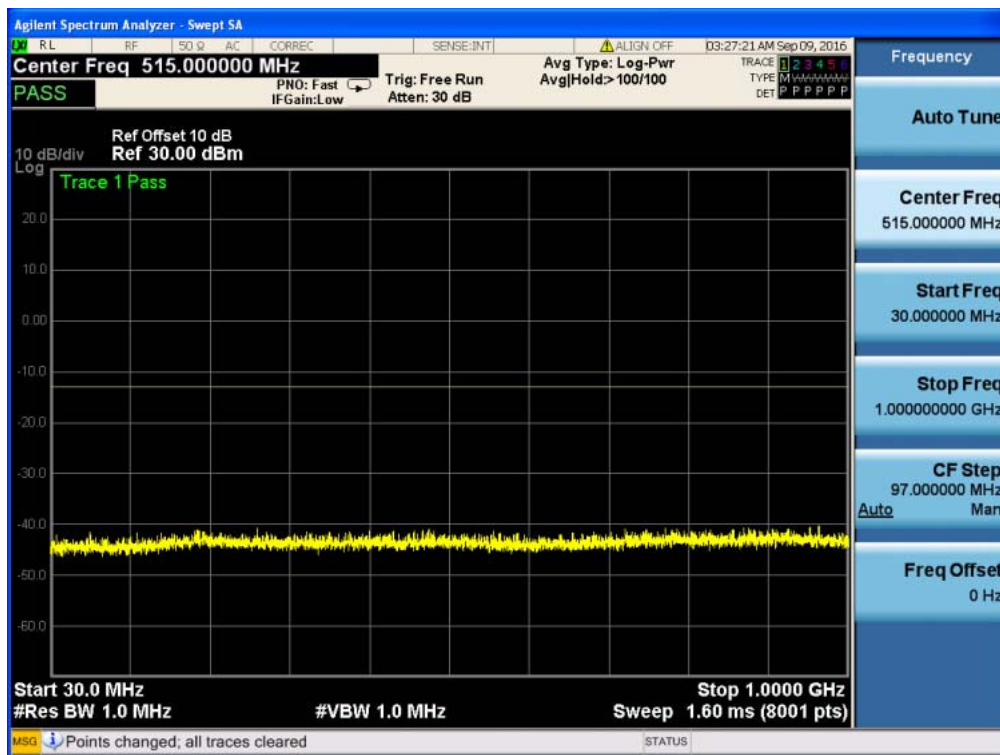
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Band 2,UL Channel 18675,UL Frequency 1857.5,BW 15.0,NO. RB 1,RB POS. Low,QPSK



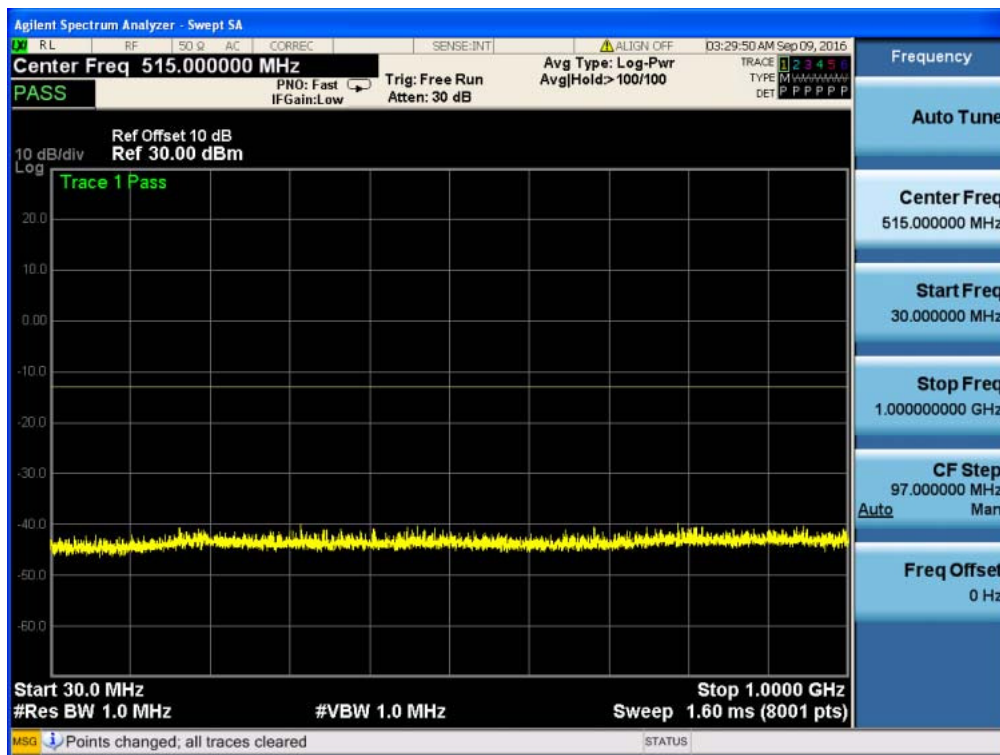
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Band 2,UL Channel 18675,UL Frequency 1857.5,BW 15.0,NO. RB 1,RB POS. Low,16QAM



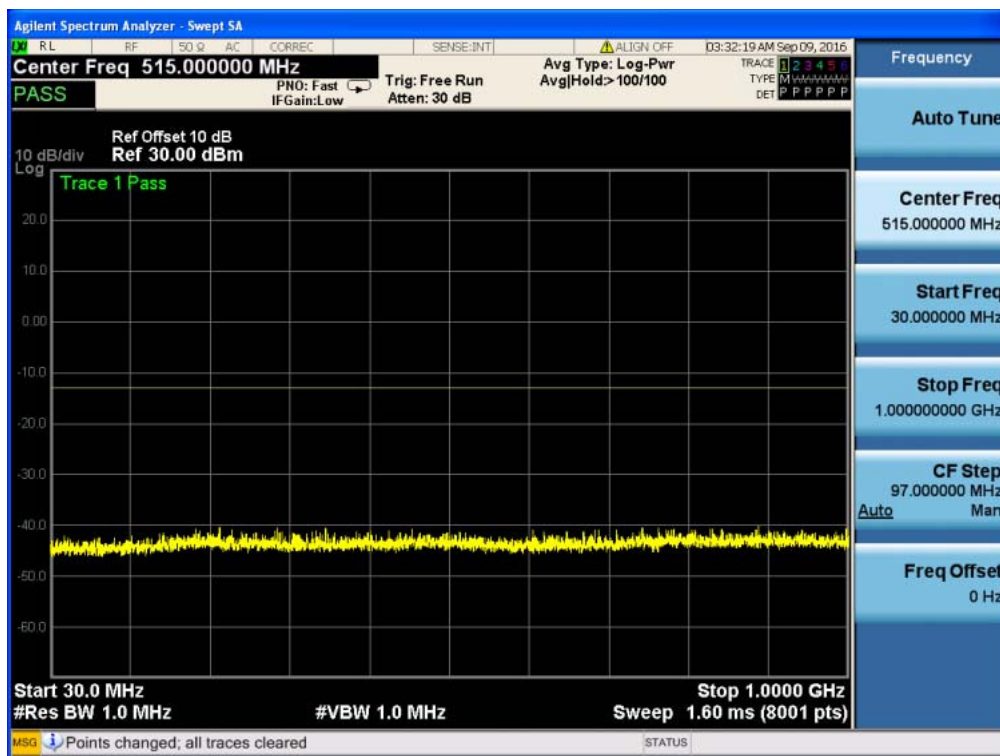
Band 2,UL Channel 19125,UL Frequency 1902.5,BW 15.0,NO. RB 1,RB POS. Low,QPSK



Band 2,UL Channel 19125,UL Frequency 1902.5,BW 15.0,NO. RB 1,RB POS. Low,QPSK



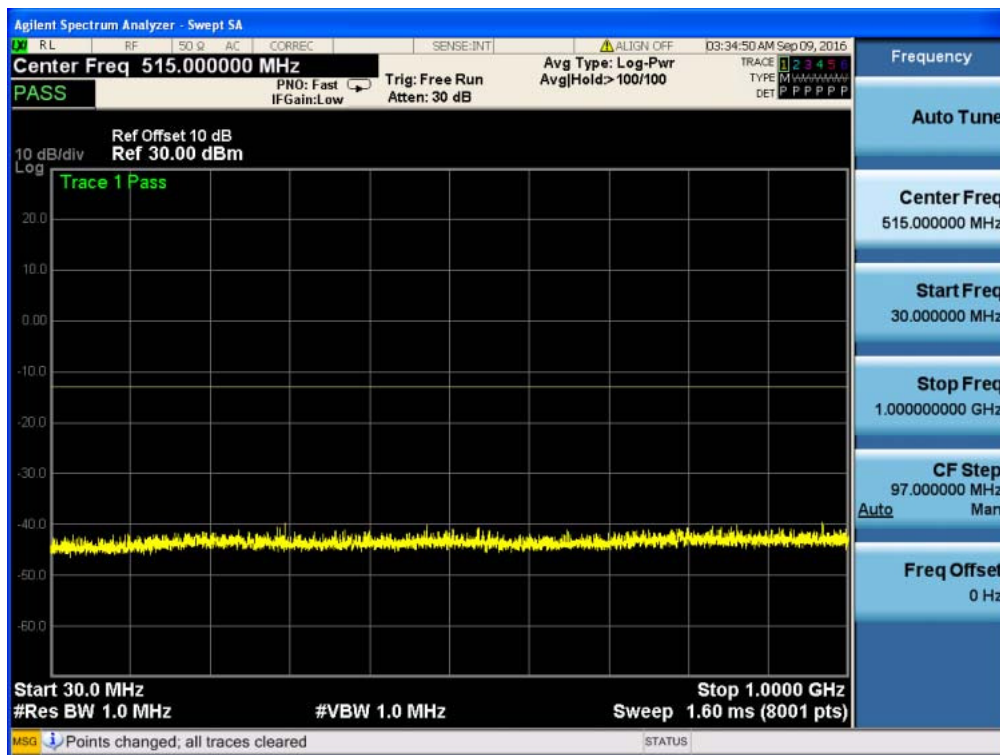
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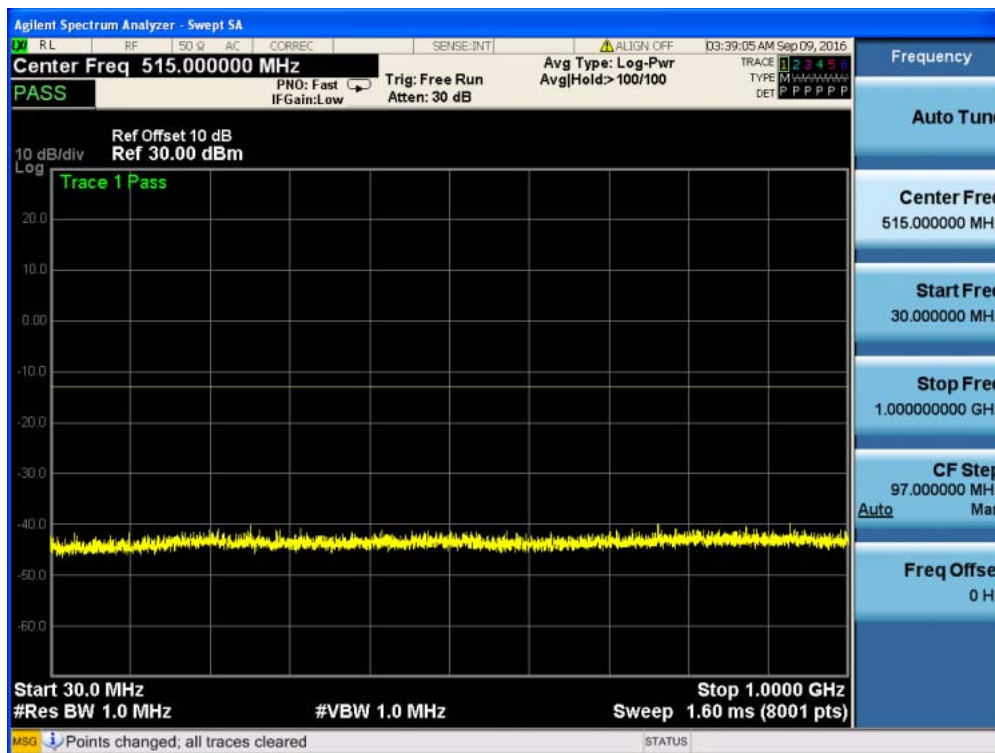
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Band 2,UL Channel 18700,UL Frequency 1860.0,BW 20.0,NO. RB 1,RB POS. Low,QPSK



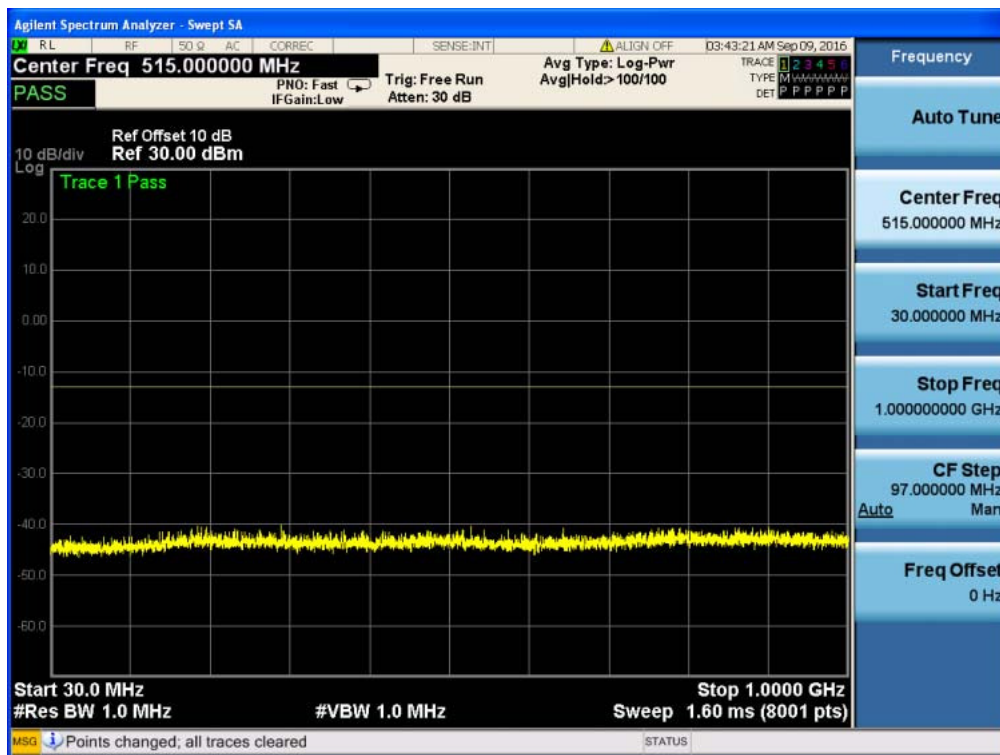
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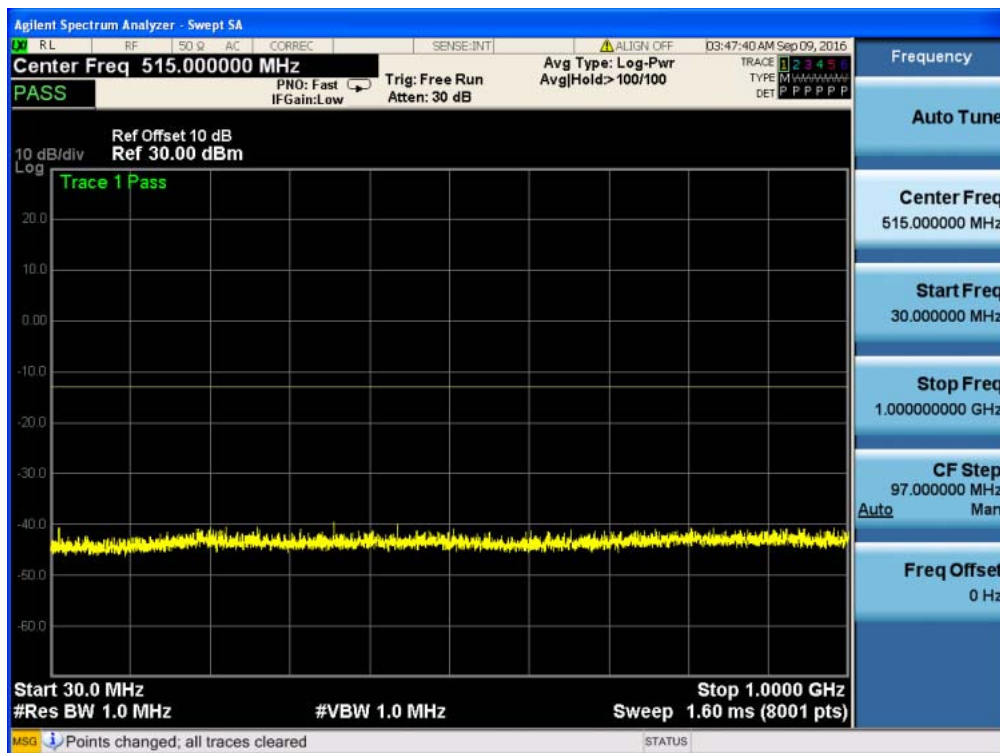
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Band 2,UL Channel 19100,UL Frequency 1900.0,BW 20.0,NO. RB 1,RB POS. Low,QPSK



Band 2,UL Channel 19100,UL Frequency 1900.0,BW 20.0,NO. RB 1,RB POS. Low,16QAM



Band 2,UL Channel 19100,UL Frequency 1900.0,BW 20.0,NO. RB 1,RB POS. Low,16QAM

