

Conducted spurious emission measurements according to CFR 47 §24.238 and §27.53(h)

| Date | Temperature | Humidity |
|------------|------------------------------------|------------|
| 2018-03-27 | $22 \text{ °C} \pm 3 \text{ °C}$ | 9 % ± 5 % |
| 2018-04-04 | $22 \ ^{\circ}C \pm 3 \ ^{\circ}C$ | 25 % ± 5 % |

Test set-up and procedure

The measurements were made per definition in ANSI C63.26, 5.7.4. The output was connected to a spectrum analyzer with the RMS detector activated.

| Measurement equipment | RISE number |
|---|-------------|
| R&S FSW 43 | 902 073 |
| Directional coupler | 901 496 |
| RF attenuator | 902 282 |
| HP filter | BX40074 |
| Testo 635, temperature and humidity meter | 504 203 |

Measurement uncertainty: 3.7 dB

Results

Band 2 4x 40 W + Band 66A 4x 60 W configuration:

Before comparing the results to the limit, 6 dB [10 log (4)] to cover 4x4 MIMO, should be added according to ANSI C63.26 6.4.4.1 c "measure and add 10 log(N_{ANT})".

| Single carrier E-TM 1.1 | | | |
|-------------------------|-----------------|-------------|--|
| Diagram | Symbolic name | Tested Port | |
| 1 a-b | M ₅ | RFA | |
| 2 a-b | M ₅ | RF B | |
| 3 a-b | B5 | RF C | |
| 4 a-b | M5 | RF C | |
| 5 a-b | M_{10} | RF C | |
| 6 a-b | M ₁₅ | RF C | |
| 7 a-b | M ₂₀ | RF C | |
| 8 a-b | T 5 | RF C | |
| 9 a-b | M ₅ | RF D | |

Single carrier E-TM 1.1

Multi carrier E-TM 1.1

| Diagram | Symbolic name | Tested Port |
|---------|---------------|-------------|
| 10 a-c | Bim | RF C |
| 11 a-c | Tim | RF C |

Note: Measurements were mainly limited to port RF C due to the measurement result in single carrier mode that shows that the ports are electrical identical as declared by the client.

Band 2 2x 60 W + Band 66A 2x 80 W configuration:

Before comparing the results to the limit, 3 dB [10 log (2)] to cover 2x2 MIMO, should be added according to ANSI C63.26 6.4.4.1 c "measure and add 10 log(N_{ANT})".

| Single carrier E-1 | VI 1.1 | |
|--------------------|-----------------|-------------|
| Diagram | Symbolic name | Tested Port |
| 12 a-b | B5 | RF A |
| 13 a-b | M5 | RF A |
| 14 a-b | M_{10} | RF A |
| 15 a-b | M ₁₅ | RF A |
| 16 a-b | M ₂₀ | RF A |
| 17 a-b | T 5 | RF A |
| 18 a-b | M5 | RF D |

Single carrier E-TM 1.1

Multi carrier E-TM 1.1

| Diagram | Symbolic name | Tested Port |
|---------|---------------|-------------|
| 19 а-с | Bim | RF A |
| 20 а-с | Tim | RF A |

Note: Measurements were mainly limited to port RF A due to the measurement result in single carrier mode that shows that the ports are electrical identical as declared by the client.



Band 2 4x 40 W + Band 66A 4x 60 W configuration:

Before comparing the results to the limit, 6 dB [10 log (4)] to cover 4x4 MIMO, should be added according to ANSI C63.26 6.4.4.1 c "measure and add 10 log(N_{ANT})".

Single carrier E-TM 1.1

| Diagram | Symbolic name | Tested Port |
|---------|-----------------------|-------------|
| 21 a-b | M5 | RF E |
| 22 a-b | B ₅ | RF F |
| 23 a-b | M ₅ | RF F |
| 24 a-b | M ₁₀ | RF F |
| 25 a-b | M ₁₅ | RF F |
| 26 a-b | M_{20} | RF F |
| 27 a-b | T ₅ | RF F |
| 28 a-b | M5 | RF G |
| 29 a-b | M5 | RF H |

Multi carrier E-TM 1.1

| Diagram | Symbolic name | Tested Port |
|---------|---------------|-------------|
| 30 a-c | Bim | RF F |
| 31 a-c | Tim | RF F |

Note: Measurements were mainly limited to port RF F due to the measurement result in single carrier mode that shows that the ports are electrical identical as declared by the client.

Band 2 2x 60 W + Band 66A 2x 80 W configuration:

Before comparing the results to the limit, 3 dB [10 log (2)] to cover 2x2 MIMO, should be added according to ANSI C63.26 6.4.4.1 c "measure and add 10 log(N_{ANT})".

| Single carrier E-1W11.1 | | | |
|-------------------------|-----------------|-------------|--|
| Diagram | Symbolic name | Tested Port | |
| 32 a-b | B_5 | RF E | |
| 33 a-b | M_5 | RF E | |
| 34 a-b | M_{10} | RF E | |
| 35 a-b | M ₁₅ | RF E | |
| 36 a-b | M ₂₀ | RF E | |
| 37 a-b | T 5 | RF E | |
| 38 a-b | M5 | RF H | |

Multi carrier E-TM 1.1

| Diagram | Symbolic name | Tested Port |
|---------|---------------|-------------|
| 39 а-с | Bim | RF E |
| 40 a-c | Tim | RF E |

Note: Measurements were mainly limited to port RF E due to the measurement result in single carrier mode that shows that the ports are electrical identical as declared by the client.



Remark

The emission at 9 kHz on the plots was not generated by the test object. A complementary measurement with a smaller RBW showed that it was related to the LO feed-through.

The highest fundamental frequency is 2180 MHz. The measurements were made up to 22 GHz (10x2180 MHz = 21.80 GHz).

Limits

CFR 47 §24.238 and §27.53(h)

Outside a licensee's frequency band(s) of operation the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log (P) dB$, resulting in a limit of -13 dBm per 1 MHz RBW.

| Complies? Yes | |
|---------------|--|
|---------------|--|

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| | | 3-2 | 2GHz 🛛 🖾 | 1 | | | | | |
|--|---|-----------|-------------|------------|----|----------|---------|---------------------|--|
| f Level 50. | 9k3GHz | | 1 MHz | 1 | | | | | GL |
| t | 10 dB • SWT | 40 ms VBW | 10 MHz Mode | Auto Sweep | | | | č | ount 100/1 |
| equency S | weep | | _ | _ | | _ | _ | _ | • 1Rm Av |
| | | | | | | | | M1[1] | 39.49 d |
| Im- | | | | | | M1 | | M2[1] | 1.9600000 (-26.40 d |
| | | | | | | | | | 3.0000000 0 |
| m | | | | | | | | | |
| <i>m</i> | | | | | | | | | |
| m | | | | | | | | | |
| m | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Bm | H1 -13.000 dBm - | | | | | | | | |
| sm | | | | | | | | | |
| | | | | | | | | | |
| 3m- | | | | | | | | | |
| | | | | | | | | | |
| 5m- | | | | | | | | | |
| m | | | | | | | | | |
| Dill | | | | | | | | | |
| 3m | | | | | | | | | |
| | | | | | | | | | |
| (Hz | | | 32001 p | ts | 30 | 0.0 MHz/ | | | 3.0 0 |
| 80 26.03.2010 | 3 | | | | | | Ready | | 46 26.03 16: |
| | | | | | | | Ready | 0000000 | 26.03 16: |
| agram | 1b: | | | | | | Ready | | 26.03 16: |
| agram ItiView 🕫 | 1b: (9кзанz | | 2GHz 🖾 | 0 | | | Ready | | - 16 |
| agram | 1b: • (экзсн z | - RBW | 1 MHz | | | | Ready | STATE OF CONTRACTOR | 16: GGL |
| f Level 0.0 t | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | Auto Sweep | | | Ready | S | 34: GL Count 100/1 |
| agram ItiView E f Level 0.0 | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | 1 | 1 | Ready | C | 36: GL Count 100/1 |
| agram tiView E (Level 0.0 : : : : : | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | SC | 364 GL count 100/1 • 1Rm A -29.72 < |
| agram tiView E (Level 0.0 | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL count 100/1 • 1Rm A -29.72 < |
| agram tiView E Level 0.0 | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL count 100/1 • 1Rm A -29.72 < |
| agram tiView E Level 0.0 quency S | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL SGL 9 1Rm A -29.72 < |
| agram tiView = f Level 0.0 | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL SGL 9 1Rm A -29.72 < |
| agram tiView E Level 0.0 squency S am | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL SGL 9 1Rm A -29.72 < |
| agram tiView E Level 0.0 squency S am | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL SGL 9 1Rm A -29.72 < |
| agram tiView E Level 0.0 quency S m m | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| agram tiView E Level 0.0 squency S am | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| tiView E Level 0.0 quency S | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 GL SGL 9 1Rm A -29.72 < |
| agram tiView D Level 0.0 aquency S am am am am | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| agram tiView D Level 0.0 aquency S am am am am | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Brn Brn Brn Brn Brn Brn Brn Brn Brn Brn | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Brn Brn Brn Brn Brn Brn Brn Brn Brn Brn | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Bm Bm Bm Bm Bm Bm Bm Bm | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Bm Bm Bm Bm Bm Bm Bm Bm | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Brn-Brn-Brn-Brn-Brn-Brn-Brn-Brn-Brn-Brn- | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | GL SGL 9 18m Av -29.72 d |
| Agram ItiView C f Level 0.0 Stutency S Bm Bm Bm Bm Bm Bm Bm Bm Bm Bm | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Agram ItiView P I Level 0.0 I Level 0.0 Browner Brow | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | | | | Ready | C | 364 SGL Sount 100/1 • 1Rm A -29.72 ¢ |
| Brn | 1b: 9k3GHz odBm odB • swt : | - RBW | 1 MHz | Auto Sweep | | | _ Ready | C | 22.0 G |

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Diagram 2a: MultiView 🕀 9k3GHz 🖾 3-22GHz 🛛 🖾 SGL Count 100/100 1 Frequency Sweep 1Rm Avg M1[1] 38.96 dBn .9600000 GH; -26.29 dBn 0000000 GH 0 d8 M2[1] 30 dB 20 dB -10 dE -20 dB 30 d 50 d -60 d 3.0 GHz 32001 pts 300.0 MHz/ 9.0 kHz Ready STREET, STREET 16:26:55 26.03.2018 Diagram 2b: MultiView 🗄 9k3GHz 🛛 🖾 3-22GHz X Ref Level 0.00 dBm Att 0 dB = SWT 200 ms TDF RBW 1 MHz VBW 10 MHz SGL Count 100/100 Mode Auto Sweep 1 Frequency Sweep 1Rm Avg M1[1] -29.69 dBm 1.977485 GHz -10 dB -20 dB -30 d£ 40 d -50 d -60 d -70 d -60 d 90.0 100 d -110 df 100001 pts 1.9 GHz/ 22.0 GHz 3.0 GHz Ready

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| ltiView | ⊞́H1 🛛 | 9k3GHz | | | | | | | ſ |
|--|--|--|-------------|------------|----|----------|-------|----------|--|
| ef Level 50 | 0.00 dBm | = | 1 MHz | | | | | s | GL |
| t | 10 dB 🖷 SWT | 40 ms VBW | 10 MHz Mode | Auto Sweep | | | | | ount 100/ |
| equency S | Sweep | | | | | | | M2[1] | • 1Rm / -25.36 |
| 3m | | | | | | M1 | | | 3.0000000 |
| sm- | | | | | | | | M1[1] | 39.79 1.9325000 |
| im | | | | | | | | | 1.5525000 |
| | | | | | | | | | |
| 5m- | | | | | | | | | |
| m | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Bm | | | | | | | | | |
| em | H1 -13.000 dBm | | | | | | | | |
| Bm | | | | | | | | | |
| | | | | | | | | | |
| Bm | | The second s | | | | | | | |
| Bm- | | | | | | | | | |
| | | | | | | | | | |
| Bm | | | | | | | | | |
| Bm | | | | | | | | | |
| sm- | | | | | | | | | |
| kHz | | | 32001 p | | 20 | 0.0 MHz/ | | | 3.0 |
| NHZ. | Y | | 32001 p | 13 | | 0.0 MH27 | | 00000000 | 26.0 |
| agran | n 3b: | | | | | | Ready | | |
| agran ItiView | n 3b: © 9кзбнz | | 2GHz 🖾 | 1 | | | Ready | | |
| agran ItiView | n 3b: © 9кзбнz | BBW | 1 MHz | Auto Sweep | | | Ready | | - , |
| agran ItiView I Level 0.1 | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | | count 100/ |
| agran ItiView f Level 0.1 | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | | ount 100/ |
| agran ItiView f Level 0.1 t | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ |
| agram ItiView I Level 0.1 Equency 8 | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ |
| agram ItiView f Level 0.1 t equency 9 | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Keady | c | ount 100/ |
| tiView f Level 0. t equency 8 | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Keady | c | ount 100/ |
| agran ItiView f Level 0. t equency 9 | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ |
| agran itiView f Level 0.1 t equency 9 Bm Bm | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ |
| Agran ItiView f Level 0.1 t equency 9 8m 8m 8m | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ 18m / -29,63 |
| Agran ItiView f Level 0.1 t equency 9 8m 8m 8m | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ 18m / -29,63 |
| tiView f Level 0.1 t c equency S Bm Bm Bm Bm Bm | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Keady | c | ount 100/ |
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| agran ItiView (Level 0.1 t cquency S 8m 8m 8m 8m 8m 8m 8m | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | 00unt 100/ • 1Rm / -29.63 21.980905 |
| Agram ItiView If Level 0.1 Equency 8 IBm IBm IBm IBm IBm IBm IBm IBm | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | ount 100/ 18m / -29,63 |
| agram ItiView (Level O.) (Level O.) Equency S IBm IBm IBm IBm IBm IBm IBm IBm | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | Ready | c | sount 100/ • 18m / -29.63 |
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| agran tiView f Level 0.1 sequency 5 Bm Bm Bm Bm Bm Bm Bm Bm Bm Bm | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | | | | | c | ount 100/ 18m / -29,63 |
| 40 26.03.20 A gran ItiView if Level 0.1 t aquency 5 aquency 5 aque | n 3b: 9k3GHz ^{00 dBm} ^{0 dB} • swt : | BBW | 1 MHz | Auto Sweep | | -9 GHz/ | Keady | c | ount 100/ |

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| | 🗄 9k3GHz | 🖾 [з-: | 22GHz | -¥ 🗵 | | | | | | | 7 |
|---|---|----------|-------------------------------------|---------|------------|----|----------|----|------|-------------|--|
| Ref Level 53 Att | 5.29 dBm 10 dB • SWT | 40 ms VB | W 1 MHz W 10 MHz | Mode | Auto Sweep | | | | | | GL Count 100/10 |
| F requency 1 | | | | | | | | | | | • 1Rm Av |
| | on eep | | | | | | | | | M1[1] | 38.48 dB |
| d8m | | | | | | | | | | | 1.9600000 G |
| dBm | | | | | | | | 11 | | M2[1] | -26.09 dB |
| | | | | | | | | | | | 3.00000000 |
| dBm | | | _ | | | | | | _ | | |
| | | | | | | | | | | | |
| dBm | | | | | | | - | | | | |
| dBm | | | | | | | | | | | |
| abm | | | | | | | | | | | |
| Bm- | | | | | | | | | | | |
| | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
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|) dBm | | | | | | | | | | | |
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| dism | | | | | | | - | | | | |
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| dBm | | | | | | | + | | _ | | |
| | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| 0 kHz | | | 32 | 2001 pi | ts | 30 | DO.O MH2 | :/ | | | 3.0 G |
| | | | | | | | | | | | _ |
| iagran ultiView | n 4b: • (экзбнz | | 22GHz | X | 1 | | | | | | |
| iagran ultiView tef Level 0. | n 4b: • (экзбнz | | 22GHz W 1 MHz W 10 MHz | | Auto Sweep | | | | | s | GL |
| iagran ultiView tef Level 0. | n 4b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 |
| iagran ultiView tef Level 0. ttt Frequency: | n 4b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | Auto Sweep | | | | | S (M1[1] | GL Count 100/10 • 1Rm Av -29.64 df |
| iagran ultiView tef Level 0. ttt Frequency: | n 4b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 df |
| agran ultiView tef Level 0. tt F requency | n 4b: 9k3GHz ^{00 dBm} ^{0 dB =} swr : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 df |
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| agran ultiView ef Level 0. tt requency : dBm | n 4b: 9k3GHz ^{00 dBm} ^{0 dB =} swr : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 df |
| dBm- | n 4b: 9k3GHz ^{00 dBm} ^{0 dB =} swr : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 df |
| agran ultiView tef Level 0. tt F requency dBm dBm dBm | n 4b: 9k3GHz ^{00 dBm} ^{0 dB =} swr : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 df |
| agram IltiView lef Level 0. tt F requency dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 df |
| iagram ultiView tef Level 0. ttt requency dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| agran ultiView ter Level 0. F requency dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
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| iagram ultiView tet Level 0. Frequency dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| iagram ultiView ter Level 0. titt dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| iagram ultiView ter Level 0. titt dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | SGL Sount 100/10 118m Aw -29,64 dt 21,985275 G |
| iagram ultiView tet Level 0. Frequency dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| iagram ultiView Ref Level 0. SF requency 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| agram ultiView ter Level 0. tit dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| agram ultiView ter Level 0. tit dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| agran ultiView ket Level 0. Frequency dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| agran ultiView lef Level 0. F requency dBm dBm dBm dBm dBm dBm dBm dBm | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz | | Auto Sweep | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |
| we-te 26.03.20 iagram ultiview ultiview Ref Level 0. Xef Level 0. Xef 2 d8m 0 0 d8m 0 | n 4b: 9k3GHz 0 dB * swt : sweep | | W 1 MHz 10 MHz | | | | | | | C | GL Count 100/10 • 1Rm Av -29.64 dE |

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Diagram 5a:

| ultiview | 9k3GHz | 🖾 3-22 | lGHz 🗵 | 1 | | | | | | l |
|---|---|---------------|----------------------|------------|----|----------|---|-------|-------|---|
| tef Level 50. Att | .00 dBm 10 dB • SWT | • RBW | 1 MHz 10 MHz Mode | Auto Sweep | | | | | | SGL Count 100/10 |
| NF | | 40 ms VBW | 10 MHZ Mode | Auto Sweep | | | | | | - |
| requency S | weep | | | | | | | | M1[1] | • 1Rm Av 36.54 d |
| dBm | | | | | | | | | | 1.9600000 0 |
| usm- | | | | | | Ĩ | | | M2[1] | -25.98 d |
| dBm | | | | | | | _ | | | 3.00000000 |
| | | | | | | | | | | |
| dBm | | | | | | | | | | |
| dBm | | | | | | | | | | |
| | | | | | | | | | | |
| Bm | | | | | | | | | | |
|) dBm | | | | | | | | | | |
| | 41 -13.000 dBm - | | | | | | | | | |
|) dBm | | | | | | | | | | |
| | | | | | | I A | | | | |
|) dBm | | | | | | | | | | |
| ubm- | | | | | | | _ | | | |
| | | | | | | | | | | |
| dBm | | | | | | | | | | |
|) dBm | | | | | | | | | | |
| den. | | | | | | | | | | |
| D kHz | | | 32001 pt | l s | 30 | 0.0 MHz/ | | | | 3.0 0 |
| iagram | 1 5b: | | | 0 | | | | Ready | | 164 |
| iagram ultiView | n 5b: Экзанz | 3-22 • RBW | | 1 | | | | | | (|
| iagram | n 5b: Экзанz | - RBW | 1 MHz | Auto Sweep | | | | | | 5GL |
| iagram ultiView Ref Level 0.0 | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/1 |
| iagram ultiView Ref Level 0.0 | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView Ref Level 0.0 Att F | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView Ref Level 0.0 st F requency S | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/1 • 1Rm Av -29.51 d |
| iagram ultiView Ref Level 0.0 st F requency S | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/1 • 1Rm Av -29.51 d |
| iagram | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/1 • 1Rm Av -29.51 d |
| dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/1 • 1Rm Av -29.51 d |
| dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| agram ultiView E tef Level 0.0 tt requency S dBm dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView ≈ tet Level 0.0 F requency S dBm dBm dBm dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView R ter Level 0.0 F requency S dBm dBm dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView ∈ ter Level 0.c. F requency S i dBm i dBm i dBm i dBm i dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView E ter Level 0.c. transformed and the second second secon | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView E ter Level 0.c. transformed and the second second secon | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView € ter Level 0.0 y= rrequency S h dBm h dBm h dBm h dBm h dBm h dBm h dBm h dBm h dBm h dBm | n 5b: ■ 9k3GHz © dBm © dB ● swT | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView ∈ ter Level 0.0. F requency S i dBm i dBm i dBm dBm dBm dBm dBm | n 5b: ■ 9k3GHz © dBm © dB ● swt | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram ultiView ter Level 0.0 traguency S dBm | n 5b: ■ 9k3GHz © dBm © dB ● swt | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| idgram ultiView R Kef Level 0.0. F rrequency S d dbm d dbm | n 5b: ■ 9k3GHz © dBm © dB ● swt | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| Iagram ultiViewe Ref Level 0.0. Xtt '''''''''''''''''''''''''''''''''''' | n 5b: ■ 9k3GHz © dBm © dB ● swt | - RBW | 1 MHz | Auto Sweep | | | | | | SGL Count 100/10 • 1Rm Av -29,51 d |
| iagram iagra | n 5b: ■ 9k3GHz © dBm © dB ● swt | - RBW | 1 MHz | | | 9 GHz/ | | | | ount 100/10 |

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Diagram 6a:

| MultiView | - 9K3GHZ | | 3-220 | | X | | | | _ | | | | |
|---|--|-------|--------------|-----------------|---------|------------|---|-----------|-----|-----|-------|------------------|--|
| Ref Level 5 Att | 0.00 dBm 10 dB = SW1 | 40 ms | RBW VBW 1 | 1 MHz 10 MHz | Mode | Auto Sweep | | | | | | | GL Count 100/1 |
| F requency | | | | | | | | | | | | | • 1Rm A |
| requercy | owcep | | | | | | | | | | | M1[1] | 34.98 |
| dBm | | | | | | | | <u> </u> | | | | M2[1] | 1.9600000 -25.75 (|
| | | | | | | | | | Î I | | | | 3.0000000 |
| dBm | | | | | | | | | | | | | |
| dBm- | | | | | | | | | | | | | |
| dom. | | | | | | | | | | | | | |
| dBm | | | | | | | | | | | | | |
| dBm | | | | | | | | | | | | | |
| 16m | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | | فمحديها ومساواته | |
| | | | | Sector Sector | | | | | | | | | |
| a abm | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | _ | | | | | |
| | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | _ | | |
| | | | | | | | | | | | | | |
| .0 kHz | ~ | | | 32 | 2001 pt | ts | 5 | 300.0 MHz | :/ | | | | 3.0 (|
| iagrar | n 6b: | | 2.00 | <u></u> | |) | | | | Rei | ady I | | 36: |
|)iagrar IultiView | n 6b: ≅(экзснz | | 3-220 | | M | 1 | | | | Ree | ady | | - 16: |
|)iagran IultiView | n 6b: ≅(экзснz | | RBW | 1 MHz | | Auto Sweep | | | | Re | ady | 5 | 361 SGL Count 100/1 |
| iagran | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Ree | ady | 5 | GGL Count 100/ 1 |
| iagran | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Re | ady 📕 | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| iagran ultiView Ref Level 0 Att DF | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Ree | ady I | 5 | GGL Count 100/ 1 |
| iagran IultiView Ref Level 0 Att Frequency 0 d8m | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Red | ady I | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Iagran ultiView Ref Level 0 Att Frequency | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Red | ady | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| iagran ultiView Ref Level 0 Att Frequency 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | ady . | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Intiview Ref Level O Att DF Interpretation 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | ady I | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| iagran ultiview Ref Level 0 Att Frequency 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | ady | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| iagran ultiView Ref Level 0 Att Frequency 0 dBm 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | ady . | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| iagran | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| IultiView Ref Level 0 Att DF Frequency 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Liagran LultiView Ref Level 0 Att PF 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | Rec | ady | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| I agran IultiView Ref Level 0 Att DF Frequency 0 dBm 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Viagran IultiView Ref Level 0 Att DF Frequency 0 dbm 0 dbm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Diagram tultiview Ref Level 0 Att DF Trouventey 0 d8m 00 d8m | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Diagram JultiView Ref Level 0 Att DF Frequency 10 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Diagram lultiview Ref Level 0 Att DF Frequency 0 dBm | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Diagram Jultiview Ref Level 0 Att DF Frequency 10 d8m | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| Diagram AultiView Ref Level 0 Att DF Frequency 00 d8m | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | Auto Sweep | | | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|
| 00:00 26.03.20 Diagran MultiView Ref Level 0 DDF Frequency 10 90 80 <td>n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt</td> <td></td> <td>RBW</td> <td>1 MHz</td> <td></td> <td></td> <td></td> <td>1.9 GHz/</td> <td></td> <td></td> <td></td> <td>5</td> <td>36L SGL Count 100/1 • 1Rm A -29.74 (</td> | n 6b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | | RBW | 1 MHz | | | | 1.9 GHz/ | | | | 5 | 36L SGL Count 100/1 • 1Rm A -29.74 (|

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Diagram 7a:

RI. SE

| ultiView 🖽 | | ⊠ 3-22 | | | | | | | | |
|--|-------------------------------|----------------|--|------------|-----|-----------------|---|-------|--------|---|
| ef Level 50.00 tt 1 | dBm 10 dB = SWT | 40 ms VBW | 1 MHz 10 MHz Mode | Auto Sweep | | | | | | SGL Count 100/10 |
| equency Swe | ep | | | | | | | | | • 1Rm Av |
| | | | | | | | | | M1[1] | 32.93 dE |
| Bm | | | | | | | | | | 1.9600000 G |
| | | | | | | M1 | | | M2[1] | -26.24 dB 3.0000000 G |
| Bm | | | | | | | _ | | | |
| | | | | | | | | | | |
| Bm | | | | | | | | | | |
| 3m | | | | | | | | | | |
| | | | | | | | | | | |
| m | | | | | | | | | | |
| | | | | | | | | | | |
| dBm- | -13.000 dBm | | | | | | | | | |
| dBm- | | | | | | | | | | |
| 2011 | | | | | | | | | | |
| 1Bm | | | | | | $ \rightarrow $ | | | | |
| | | | And a state of the | | | | | | | |
| abm | | | | | | | | | | |
| IBm | | | | | | | | | | |
| iBm | | | | | | | | | | |
| d&m | | | | | | | | | | |
| | | | | | | | | | | |
| kHz | | | 32001 pt | L | 200 | 0.0 MHz/ | | | | 3.0 G |
| agram 7 | | (3-22) | PGH7 X |) | | |] | Ready | 000000 | 16:11 |
| agram 7 | 9k3GHz | | 2 GHz | 1 | | | | Ready | | 16:11 |
| agram 7 | 9k3GHz | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| Agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| Agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 18m Aw -29.80 df |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| Agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| Agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| agram 7 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | Auto Sweep | | | | Ready | | SGL Count 100/10 • 1Rm Ave -29.80 dE |
| 229 26.03.2019 agram 7 iltiview 3 iltiview 3 | 9k3GHz IBm I dB • SWT 2 | - RBW | 1 MHz | | | .9 GHz/ | | Ready | | ount 100/10 |

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Diagram 8a:

| ef Level 5 | B 9k3GHz | | 3-22 RBW | 1 MHz | | | | | | | 0 | GL |
|--|---|--------|-------------|-----------------|--------|--------------|----|----------|---|-------|-----------------|---|
| er Lever 5: tt | 10 dB • SW | [40 ms | VBW | 10 MHz | Mode | Auto Sweep | | | | | C | ount 100/10 |
| tt F | | 40 113 | 1011 | 1011112 | mode | Hato officep | | | | | 9 | |
| requency | Sweep | | | | | | | | _ | | | 1Rm Av |
| lBm | | | | | | | | | | | M1[1] | 39.06 d |
| | | | | | | | | | | | 1 | .9875000 (|
| in | | | | | | | | M1 | | | M2[1] | -25.83 d |
| JBm | | | | | | | | | | | | .0000000 (|
| | | | | | | | | | | | | |
| dBm | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| iBm | | | | | | | | | _ | | | |
| | | | | | | | | | | | | |
| Bm | | | | | | | | | _ | | | |
| | | | | | | | | | | | | |
| m | | | | | | | | | | | | |
| | | | | | | | | I I | | | | |
| 10 | | | | | | | | | | | | |
| dBm | HI -13,000 d8m | | | | | | | | | | | |
| | | | | | | | | | | | | |
| dBm | - | - | | | | | 1 | | | | | |
| | | | | | | | | | | | | |
| dBm | - | | | | | | | | | | | and the second se |
| | | - | | - | | | | | | | | |
| dism | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10.00 | | | | | | | | | | | | |
| dBm- | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| dBm | | | | | | | | | | | | |
| kHz | | | | 30 | 2001 p | te | 30 | 0.0 MHz/ | | | | 3.0 0 |
| agran | n 8b: | | | | | 2 | | |) | Ready | | - 154 |
| agran | n 8b: в 9кзан z | X | | | X | ۱ | | | | Reddy | | - 154 |
| agran | n 8b: ⊕(экзснz | | RBW | 1 MHz | | Auto Sweep | | | | Reddy | s | GL |
| agran IltiView ef Level 0. | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | Ready | s | GL ount 100/1 |
| agran IltiView ef Level 0. | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | Reddy | s | GL ount 100/1 |
| agran ultiView ef Level 0. tt F | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | Ready | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agran IltiView ef Level 0. tt F requency | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agran | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | ready | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 < |
| agran | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | Reddy | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 < |
| agran IltiView ef Level 0. tt F requency | n 8b: 9k3GHz ^{00 dBm} 0 dB • swt | | RBW | 1 MHz | | | | | | Reday | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agram IltiView ef Level 0. t cequency dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 < |
| agram IltiView ef Level 0. t cequency dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agran Ittiview of Level 0. It cquency dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agran ItiView ef Level 0. tt cquency dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agram ItiView of Level 0. tt cquency dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agram ItiView of Level 0. tt equency dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agram ItiView of Level 0. It cequency J&m d&m | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agram ItiView of Level 0. It cequency J&m d&m | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agran Itiview ef Level 0. contress contress dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm A -29.73 c |
| agran Itiview ef Level 0. contress contress dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agran Itiview ef Level 0. contress contress dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram Ittiview ef Level 0. tt cquency dBm dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram Ittiview ef Level 0. tt cquency dBm dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram Ittiview ef Level 0. E cquency dBm dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram IltiView ef Level 0. F cquency dBm dBm dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram IltiView ef Level 0. tt dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram IltiView ef Level 0. tt dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agram | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| agran | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz | | | | | | | S C M1[1] | GL ount 100/1 • 1Rm Av -29.73 d |
| :09 26.03.20 agrain altiview ef Level 0. | n 8b: ••• 9k3GHz •• dBm •• dB •• swt | | RBW | 1 MHz 10 MHz | | Auto Sweep | | .9 GHz/ | | | S C M1[1] | ount 100/1 |

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Diagram 9a:

| lultiView | | | 2GHz 🗵 | _ | | | | | |
|--|--------------------------------------|------------|-------------------------|--------------|-----|----------|-------|-----------------|---|
| RefLevel 5 Att)F | 0.00 dBm 10 dB 🖷 SW | T40 ms VBW | / 1 MHz / 10 MHz Mod | e Auto Sweep | | | | s | GL ount 100/10 |
| requency | Sweep | | | | | | | | • 1Rm Av |
| | | | | | | М1 | | M1[1] | 39.05 df |
| IBm | | | | | | Ť | | M2[1] | -26.15 dt |
| Bm | | | | | | | | | 3.0000000 G |
| | | | | | | | | | |
| Bm- | | | | | | | | | |
| Bm | | | | | | | | | |
| | | | | | | | | | |
| àm | | | | | | | | | |
| dBm | | | | | | | | | |
| dBm | | | | | | | | | |
| OB!!! | | | | | | | | | |
| dBm | - | | | | | | | | |
| (1950) | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
|) kHz | | | 32001 | pts | 300 |).0 MHz/ | | | 3.0 0 |
| iagrar | n 9b: | <u> </u> | 2GH7 (3 | อ | | | Ready | | 28.49.3 16:2 |
| iagrar ultiView | n 9b: Экзанz | BBW | 2GHz 3 | <u>.</u> | | | Ready | | 16:2 |
| iagrar ultiView | n 9b: Экзанz | BBW | 1 MHz | E Auto Sweep | | | Ready | s | GL |
| iagrar ultiView tef Level 0 | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S | GL ount 100/10 |
| iagrar ultiView tef Level 0 ttt Frequency | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agrar ultiView ef Level 0 tt F requency | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agrar ultiView ef Level 0 tt F requency | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agrar altiView ef Level O tt F requency dBm- | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agrar altiView ef Level O tt F requency dBm- | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agrat ultiView ef Level 0 tt F requency dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agran IltiView ef Level 0 tt F requency dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agran IltiView ef Level 0 tt F requency dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/1/ • 1Rm AV -29.77 d |
| agrar ultiview tef Level 0 ttt F requency dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agran altiView ef Level 0 tf f requency dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agrar altiView ef Level 0 tt ef Level 0 dBm dBm dBm dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agran ultiView lef Level 0 frequency dBm dBm dBm dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agran ultiView tef Level 0 F requency dBm dBm dBm dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agran altiview tef Level 0 f recrutentsy dBm dBm dBm dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| agran ultiView ket Level 0 frequency dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m AV -29.77 d |
| iagran ultiView Ref Level 0 ttt irecutency dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | | | | Ready | S C M1[1] | GL ount 100/10 • 18m Av -29.77 dl |
| 21:31 26.03.20 Iagrar ultiview Ref Level 0 Att 2 0 | n 9b: 9k3GHz 0 dB • swt | BBW | 1 MHz | e Auto Sweep | | 9 GHz/ | Ready | S C M1[1] | GL GL 00011 100/10 11Rm AU -29.77 dl 21.998575 G |

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Diagram 10

RI. SE

| ultiView | | ⊠ 3-2: | | -1 | | | | | | |
|--|--|---------------------|-----------------------|---------------------------|----|-----------|--------------|-------|-------------------------|---|
| ef Level 50 | 0.00 dBm 10 dB • SW1 | • RBW | 1 MHz 10 MHz Mod | e Auto Sweep | | | | | s | GL Count 100/1 |
| F requency : | | | | | | | | | | • 1Rm A |
| requerter | 2110012 | | | | | | | | M4[1] | -26.02 (|
| JBm | | | | | | | | | M1[1] | 3.0000000 31.97 d |
| | | | | | | MEM | | | MILI | 1.9325000 |
| Bm | | | | | | | | | | |
| | | | | | | | | | | |
| Bm- | | | | | | | | | | |
| 8m | | | | | | | | | | |
| | | | | | | | | | | |
| m | | | | | | | | | | |
| dBm | | | | | | | | | | |
| 0011 | H1 -13.000 dBm | | | - | | | | | | |
| dBm | | | | | | | | | | |
| | | | | | | 1 N. | | | | |
| dBm | | | | | | | | | a succession of the set | |
| 1610 | | | | | | | | | | |
| | | | | | | | | | | |
| dBm | | | | | | | | | | |
| | | | | | | | | | | |
| dBm | | | | | | | | | | |
| | | | | | | | | | | |
| kHz | | | 32001 p | ots | 30 | 00.0 MHz/ | | | | 3.0 |
| | n 10b: | | | | | | | Ready | | 400 27.63 99: |
| agran | n 10b: | ⊠ 3-22 | 2GHz 🗵 | Zoom | I | | | Ready | | 446 27.6 93 |
| agran | n 10b: B 9k3GHz | • RBW 1 | LOO kHz | | ×. | | | Ready | | 99 (|
| agran | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | LOO kHz | Zoom Auto Sweep | X | | | Ready | | 4466 e9 |
| agran | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | LOO kHz | | | 1 | | Ready | | • 1Rm M |
| agran | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | LOO kHz | | × | | | Ready | М3[1] | • 1 Rm M 22.06 1.9375000 |
| agran ItiView of Level 50 tt equency | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | LOO kHz | | x | | | Ready | | • 1Rm M 22.06 1.9375000 -34,41 |
| agran ItiView of Level 50 t equency 8m | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agran ItiView of Level 50 t equency 8m | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | × | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agran ItiView ef Level 50 t equency em | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram ItiView of Level 50 to course Bm Bm Bm | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 p-Trop | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram Itiview ef Level 50 equency Bm Bm Bm Bm Bm Bm Bm Bm | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram Itiview ef Level 50 equency Bm Bm Bm Bm Bm Bm Bm Bm | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram Itiview of Level 50 e equency 8m 8m 8m 8m 8m 8m 8m 8m 8m 8m 8m | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram Itiview of Level 50 e equency 8m 8m 8m 8m 8m 8m 8m 8m 8m 8m 8m | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram IltiView of Level So tt cquency Bm Bm Bm Bm dBm dBm dBm dBm | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 - 1.9275000 -34.41 1.92295650 |
| agram IltiView ef Level So tt equency b Bm Bm Bm Bm M Bm dBm dBm dBm dBm dBm | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | • RBW 1 | 1 MHz Mode | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | * RBW 1 10 s VBW | M2 M3 | | | | M4 | Ready | М3[1] | • 1Rm M 22.06 1.9375000 -34,41 |
| agram IttView F Level So tt Requency Br Br Br Br Br Br Br Br Br Br Br Br Br | n 10b: sk3gHz 0.00 dBm 10 dB • sw1 | * RBW 1 10 s VBW | M2 M3 | Auto Sweep | | | | Ready | M3[1] M1[1] | • 1 Rm V 22.06 1.9325000 -34.41 1.9295650 |
| IltiView ef Level SC ef Level SC requency Bm dBm | n 10b: 9k3GHz 0.00 dBm 10 dB = SWI SWCCD | RBW 10 s VBW | M2 M3 | Auto Sweep | | 5.0 MHz/ | | Ready | M3[1] M1[1] | * 1 Rm M 22.06 1.9375000 -34.41 1.79295650 |
| agran | e te | RBW 1 S VBW | 100 kH2 1 MHz Mode | Auto Sweep | | S.0 MHz/ | | Ready | M3[1] M1[1] | * 1 Rm M 22.06 1.9375000 -34.41 1.79295650 |
| agran Ittiview ef Level So gquency Bm Bm | e te | RBW 1 S VBW | 100 kH2 1 MHz Mode | Auto Sweep | | | | Ready | M3[1] M1[1] | • 1Rm b 22.06 1.9375000 -34.41 1.9295650 |
| agram | e te | RBW 10 s VBW | 100 kH2 1 MHz Mode | Auto Sweep | | | | Ready | M3[1] M1[1] | * 1 Rm M 22.06 1.9375000 -34.41 1.79295650 |

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Diagram 10c: MultiView 🕄 9k3GHz 🛛 🗮 3-22GHz ♥ X Ref Level 0.00 dBm P RBW 10 MHz • Att 0 dB = SWT 200 ms VBW 10 MHz Mode Auto Sweep TDF 1 Trequency Sweep SGL Count 100/100 1Rm Avg -29.64 dBm 21.994015 GHz M1[1] 10 d 20 dB -30 dE 40 dB -50 d -60 dB -70 dB -80 di 90 d -100 dB -110 dB 22.0 GHz 100001 pts 1.9 GHz/ 3.0 GHz Ready **CONTRACTOR**

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| MultiView | 9k3GHz | | 3-22GH | Hz 🧏 🖾 | S 2 | | | | | | |
|--|--|-------------------------|------------------|--------------------------|-----------------|---|-----------|-----|-------|----------------|---|
| Ref Level 50 | 0.00 dBm | | RBW 1 | MHz | - | | | | | s | GL |
| Att DF | 10 dB 🖷 SWT | 40 ms | VBW 10 | MHz Mod | e Auto Sweep | | | | | C | ount 100/10 |
| Frequency S | Sweep | | | | | | | | | M1[1] | 1Rm Avg 32.10 dB |
| dBm | | | | | | | | | | | .9325000 G |
| 0011 | | | | | | | MIN | | | M2[1] | 32.93 dB |
| dBm | | | | | | | | | | | |
|) dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
|) dBm | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| 0 dBm- | H1 -13.000 dBm | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | |
| | | | | | | | IV | | | | |
| 0 dBm | | | | | | | | | | | |
| e uBm- | | | | | | | | | | | |
| 50 dBm | | | | | | | | | | | |
| o dom | | | | | | | | | | | |
| i0 dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | - | | | | | 00.0 MHz/ | | | | 3.0 GF |
| 04:51 27.03.20 | | | | 32001 | | | | | Ready | | |
| 14:51 27.03.20 9iagran | | | 3-22GF | | | 3 | | | Ready | | 69:04 |
| 04:51 27.03.20 Diagran fultiView Ref Level 50 | n 11b: ■ (9кзGнz | • RE | BW 1001 | Hz 🗵 kHz | Zoom | | | | Ready | | 69:04 |
| H:51 27.03.20 hagran lultiView Ref Level 50 Att DF | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 | Hz 🗵 kHz | | | | | Ready | URINALARD | e9:04 |
| H:51 27.03.20 hagran lultiView Ref Level 50 Att DF | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 | Hz 🗵 kHz | Zoom | | | | Ready | M3[1] | •9:04 |
| H:51 27.03.20 Hagran IultiView Ref Level 50 Att DF Frequency S | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 | Hz 🗵 kHz | Zoom | | | | Ready | M3[1] | • 18m Ma 22.06 db |
| H:51 27.03.20 iagram ultiView Ref Level 50 SF Trequency S dBm | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 11 | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | | • 18m Ma 22.06 dE .9825000.G -34.37 dE |
| H:51 27.03.20 iagram ultiView Ref Level 50 Att F Tequency 5 dBm dBm | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 | Hz (⊠ kHz MHz Mode | Zoom | | M3 | M4 | Ready | M3[1] | • 18m Ma 22.06 dE .9825000.G -34.37 dE |
| H:51 27.03.20 iagran ultiView Ref Level 50 Att DF Frequency 5 dBm dBm dBm | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 11 | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 18m Ma 22.06 dE .9825000.G -34.37 dE |
| H:SI 27,03,20 Hagran IultiView Ref Level 50 Here Frequency dBm dBm dBm | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 1Rm Mar 22.06 dB .9825000 G -34.37 dB |
| H:S1 27.03.20 iagran ultiview Ref Level 50 DF requency dBm dBm dBm dBm | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 18m Ma 22.06 dE .9825000.G -34.37 dE |
| D4:51 27.00.20 D1agran IultiView Ref Level 50 DF Frequency 5 d8m d8m d8m d8m d8m | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 1Rm Mar 22.06 dB .9825000 G -34.37 dB |
| DH:S1 27.00.20 Diagram IultiView Ref Level 50 DF Trequency 5 dem | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | | Ready | M3[1] | • 1Rm Mar 22.06 dB .9825000 G -34.37 dB |
| DH:51 27.03.20 Diagram Iultiview Ref Level 50 DF Frequency dBm | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 1Rm Mar 22.06 dB .9825000 G -34.37 dB |
| DH:S1 27.03.20 Diagram tultiview Ref Level SC DF Frequency S 0 d8m 0 d8m 0 d8m 00 d8m 00 d8m 00 d8m | n 11b: 9k3GHz 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 1Rm Maa 22.06 dB .9825000 GI -34.37 dB |
| DH:51 27.03.20 Diagram IultiView Ref Level 50 DF Frequency 5 0 d8m 0 d8m 00 d8m 00 d8m 00 d8m 00 d8m 00 d8m 00 d8m | n 11b: 9k3GHz 0.000 dBm 10 dB • swT | • RE | BW 1001 BW 1N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 1Rm May 22.06 dB .9825000.GI -34.37 dB |
| H:51 27.03.20 Diagram Iultiview Ref Level 50 Att De Frequency 5 dam dam dam dam dam dam dam dam o dam | n 11b: 9k3GHz 0.000 dBm 10 dB • swT | • RE | BW 100 BW 1 N | Hz (⊠ kHz MHz Mode | Zoom | | | M4 | Ready | M3[1] | • 1Rm Maa 22.06 dB .9825000 GI -34.37 dB |
| DH:S1 27,03,20 Diagram IultiView Ref Level SC Att DF Frequency i d8m | n 11b: 9k3GHz 0.000 dBm 10 dB • swT | • RE | BW 1001 BW 1N | Hz Street | Zoom Auto Sweep | | M3 | M4 | Ready | M9[1] M1[1] | • iRm Mai 22.06 dB .982500.0 .925650 GI |
| J.0 kHz 04:51 27.03.20 Diagran dultiView Ref Level 50 Att Diagran dultiView Ref Level 50 Do d8m 0 d8m | n 11b: 9k3GHz 10 d8 * SWI 10 d8 * SWI | • Rt 10 s VE | BW 100 BW 1 h | Hz (⊠ kHz MHz Mode | Zoom Auto Sweep | | M3 | N-5 | Ready | M3[1] M1[1] | * 110 May 22.06 dB .9825000.Gi -94.37 dB .9295650 Gi |
| D4151 27,03,20 D1agram IultiView Ref Level 50 Att Trequency 0 d8m 10 d8 | 11b: 9k3GHz .00 dBm 10 dB * SWT Weep | * Ri * Ri 10 s VE | | Hz 2 KH2 Mode | Zoom Auto Sweep | | M3 | N-5 | Ready | M9[1] M1[1] | * 11/m Max 22.06 dB .9825000.Gl -94.37 dB .9295650 Gl |
| D4151 27.03.20 D1agram IultiView Ref Level 50 Att Trequency 0 d8m | n 11b: (9k3GHz 10 db * SWI weep | * Ri * Ri 10 s VE | | Hz 2 KH2 Mode | Zoom Auto Sweep | | M3 | N-5 | Ready | M3[1] M1[1] | * 11/m Max 22.06 dB .9825000.Gl -94.37 dB .9295650 Gl |
| 04:51 27.03.20 Diagram AultiView Ref Level 50 Att Frequency 0 d8m 10 d8m 1 | 11b: 9k3GHz .00 dBm 10 dB * SWT Weep | * RR 10 s VE | MW 1006 | Hz 2 Hz Mode | Zoom Auto Sweep | | M3 | N-5 | Ready | M3[1] M1[1] | 24238 2 |

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Diagram 11c:

| MultiView 🗉 9k3GHz | 💥 🖾 3-22GHz 🛛 🖾 | | ~ |
|---------------------------------------|---|----------|-----------------------------------|
| RefLevel 0.00 dBm Att 0 dB = SWT 2 | RBW 1 MHz 200 ms VBW 10 MHz Mode Auto Sweep | | SGL Count 100/100 |
| TDF | 200 ms VBW 10 MHz Mode Auto Sweep | | |
| Frequency Sweep | | | 1Rm Avg |
| | | | M1[1] -29.64 dBm 21.985275 GHz |
| -10 dBm | | | 21.965275 6Hz |
| 41 -13.000 dBm | | | |
| -20 dBm | | | |
| | | | M |
| -30 dBm | | 1- | |
| | | | |
| 40 dBm | | | |
| -50 dBm | | | |
| -SU dBm | | | |
| -60 dBm | | | |
| | | | |
| -70 dBm | | | |
| | | | |
| -80 dBm | | | |
| | | | |
| -90 dBm | | | |
| | | | |
| -100 dBm | | | |
| -110 d8m | | | |
| 110 (1811) | | | |
| 3.0 GHz | 100001 pts | 1.9 GHz/ | 22.0 GHz |
| Y Y | 100001 pts | Ready | 27.03.2010 |
|][| | Ready | 69:15:21 |

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| Diagram | 12a: |
|---------|------|
|---------|------|

| | | 3-220 | SHz 🕅 | Zoom | X | | | | v |
|--|---------------------------------------|---|---------------------|---------------|-----|----------|------------|-------|----------------------------|
| Ref Level 60. Att TDF | | • RBW | 1 MHz 10 MHz Mod | | | | | с | ount 100/100 |
| TDF 1 Frequency St | weep | | | | | | | | ⊙1Rm Ava |
| | | | | | | | | M2[1] | -27.37 dBm .9831720 GHz |
| 50 dBm | | | | | | | | M1[1] | 40.26 dBm |
| 40 dBm | | | | | | M1 | | 1 | .9325000 GHz |
| 30 dBm | | | | | | | | | |
| | | | | | | | | | |
| 20 dBm | | | | | | | | | |
| 10 dBm | | | | | | | | | |
| 0 dBm | | | | | | | | | |
| -10 dBm | H1 -13 000 dBm | | | | | | | | |
| -20 dBm | | | | | | | | | |
| -30 dBm | | | | | | | | | M |
| oo dom | | | | | | | | | |
| J | | | | | | | | | |
| -50 dBm | | | | | | | | | |
| 9.0 kHz | | | 32001 | pts | 30 | 0.0 MHz/ | | | 3.0 GHz |
| | Y | | | | | | Measuring. | | 04.04.2018 |
| Diagram | 9k-3G | 3-220 | | Zoom | M | | | | ▽ |
| Ref Level 0.0 Att TDF | 0 dBm 0 dB = SWT 2 | • RBW 200 ms • VBW | 1 MHz 10 MHz Mod | le Auto Sweep | | | | | |
| 1 Frequency S | weep | | | | | | | С | ount 100/100 |
| | | | | | | | | | ⊜1Rm Avg |
| -10 dBm | | | | | | | | M1[1] | ⊜1Rm Avg |
| | H1 -13.000 dBm | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -20 dBm | H1 - 13.000 dBm | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -20 dBm | 41 - 13 010 dem | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -20 dBm | 4: 1) 000 den | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| | | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | ~~~~ | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm | | | ~ | | | ~~~ | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm | | ~~~~ | ~ | | ~~~ | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm | 1 | | ~ | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm | ····· | ~~~~~ | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm | · · · · · · · · · · · · · · · · · · · | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm | | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm | · · · · · · · · · · · · · · · · · · · | | | | | | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm | × | | | pts | | .9 GHz/ | | M1[1] | ⇒ 1Rm Avg -29.99 dBm |

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| Diagrar | II 13a. | | | | | | | | |
|--|--------------------------------------|-----------|------------------------------|-----------------|---|-----------------------|-----------|-------------------------------------|--------------|
| | 🗉 9k-3G | | 2GHz | Zoom | X | | | | _ |
| RefLevel 6 Att DF | 0.00 dBm 10 dB • SW | T40 ms VE | W 1 MHz W 10 MHz | Mode Auto Sweep | | | | c | ount 100/10 |
| DF Frequency | Sweep | | | | | | | | ☉1Rm Av |
| | | | | | | | | M2[1] | -27.47 dB |
| 0 dBm | | | | | | M1 | | M1[1] | 40.17 dB |
| 0 dBm | | | _ | | | Ť | | | |
|) dBm | | | | | | | | | |
| | | | | | | | | | |
|) dBm | | | | | | | | | |
| dBm | | | _ | | | | | | |
| dBm | | | _ | | | | | | |
| 0.40.00 | | | | | | | | | |
| 0 dBm | H1 -13.000 dBm | | | | | | | | |
| 0 dBm | | | _ | | | | | | |
| 0 dBm- | | | _ | | | \perp λ_{-} | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 0 dBm | | | | | | | | | |
| .0 kHz | | | | 001 pts | | 300.0 MHz/ | | | 3.0 G |
| | | | | | | | | | |
| | n 13b: | | 32 | | | | Measuring | ••••••••••••••••••••••••••••••••••• | |
|)iagrar IultiView | n 13b: 9k-3G | | 2GHz | Zoom | M | | Measuring | • | 16:13 |
| iagrar | n 13b: ••• 9k-3G | | 2GHz 3W 1 MHz | | | | Measuring | | 16:1 |
| iagrar | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Measuring | | iount 100/10 |
| Diagran IultiView Ref Level 0 Att DF Frequency | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Measuring | M1[1] | ount 100/10 |
| Diagran IultiView Ref Level 0 Att DF Frequency | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Measuring | M1[1] | ount 100/10 |
| liagrar IultiView Ref Level 0 Att DF Frequency 0 dBm | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| liagrar IultiView Ref Level 0 Att DF Frequency 0 dBm | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| iagran | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| In a gran | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| In a gran | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| Intervention of the second sec | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| International and the second s | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | Meosuring | M1[1] | ount 100/10 |
| Viagran | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | | M1[1] | ount 100/10 |
| Diagran IultiView Ref Level 0 Att DF 0 d8m 0 d8m | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | | M1[1] | ount 100/10 |
| Diagran IultiView Ref Level 0 Att DF Frequency 0 dbm 0 dbm 0 dbm 0 dbm 0 dbm 0 dbm 0 dbm 0 dbm | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | | M1[1] | ount 100/10 |
| Diagran Ultiview Ref Level 0 Att DF Frequency 0 d8m | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | | M1[1] | ount 100/10 |
| Diagran | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | | M1[1] | ount 100/10 |
| Diagran UitiView Ref Level 0 Att DF Frequency 0 d8m | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz 3W 1 MHz | X Zoom | | | | M1[1] | ount 100/10 |
| 13:21 04.04.24 Diagran Aultiview Ref Level 0 Att DF Interquency 10 d8m 1 | n 13b: 9k-3G 0 dB • swt | - BE | 2GHz BW 1 MHz W 10 MHz | X Zoom | | 1.9 GHz/ | | M1[1] | ount 100/10 |

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Diagram 14a:

| ultiView | ⊞ 9k-3G | X | 3-22G | Hz | X | Zoom | X | | | | | | |
|--|--|-------|-------|-----------------|--------|--------------|----------|---|----|--------|---------------|------------|---------------------------------------|
| ef Level 60 | .00 dBm | | • RBW | 1 MHz | | | _ | | | | | | |
| t | 10 dB 🖷 SWT | 40 ms | s VBW | 10 MHz | Mode | e Auto Sweep | b | | | | | C | ount 100/10 |
| equency S | weep | | | | | | | | | | | | ⊜1Rm Av |
| | | | | | | | | | | | | M2[1] | -27.04 dl 2.9858910 0 |
| 8m | | - | | | | | _ | | | | | M1[1] | 37.10 d |
| | | | | | | | | | M1 | | | | 1.9600000 6 |
| 3m | | | | | | | | | T | | | | |
| Bm- | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| iBm | | - | | | | | | | - | | | | |
| | | | | | | | | | | | | | |
| 8m- | | | | | | | | | | | | | |
| sm | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| d8m | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| dBm | | | | | | | | | 1 | | | | |
| dBm- | | | | | | | | | Д | | | | |
| | | | | | | | | | - | 1 | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| dBm | | | | | | | | | | | | | |
|) kHz | | | | | 2001 p | | | 300.0 Mł | | | | | 3.0 G |
| iagran | 14b: | | (| | | | | | | Measur | ing 💶 | | 16:1 4 |
| iagran | n 14b: 9k-3g | X | | | X | Zoom | M | | | Measur | ing 📲 | | 16:14 |
| iagran ultiView | n 14b: 9k-3g | | • RBW | 1 MHz | -(| Zoom | | | | Measur | ing 💵 | | _ |
| iagran ultiView Kef Level 0.1 | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Medsur | ing 💵 | | |
| iagran ultiView Kef Level 0.1 | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing II | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| iagran ultiView tef Level 0.1 F requency 9 | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing • | G M1[1] | Count 100/10 |
| iagran ultiView tef Level 0.1 F requency 9 | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing 1 | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran IltiView ef Level 0.0 tt F requency S | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing 1 | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran IltiView ef Level 0.0 tt F requency S | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing 1 | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram altiView ef Level 0.1 tt Frequency S dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing • | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram IltiView ef Level 0.1 t requency s dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing • | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran altiView ef Level 0.1 tt F requency S dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran IltiView ef Level 0.1 tt requency s d8m d8m | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | ing | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran Itiview ef Level 0.1 tt cquency f d8m d8m | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram IltiView ef Level 0.1 F cquencys d8m d8m d8m | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | **~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram IltiView ef Level 0.4 tt cequency 5 dBm dBm dBm dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram IltiView If Level 0.1 F requencys dBm dBm dBm dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram ultiView Ief Level 0. F requency 5 dBm dBm dBm dBm dBm dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agram ultiView Ief Level 0. F requency 5 dBm dBm dBm dBm dBm dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | Al | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran ultiView lef Level 0.1 F requency 6 dBm dBm dBm dBm dBm dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| agran ultiView lef Level 0.1 F requency 6 dBm dBm dBm dBm dBm dBm | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| iagram ultiView ter Level 0.4 fer d&m d&m d&m d&m d&m d&m d&m d&m d&m d&m | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | Measur | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| iagran | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz | -(| | | | | | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |
| iagram ultiview ter Level 0.4 frectuences dem | n 14b: 9k-3G 0 dB • swt : | | • RBW | 1 MHz 10 MHz | -(| | | 1.9 GH2 | | | | G M1[1] | Count 100/10 = 1Rm Av -29.78 dl |

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Diagram 15a:

| ultiView 🗉 9k-3G | ⊠ 3-22 | | Zoom | 22 | | | | | |
|---|-------------------------------------|-----------------------|-----------------|--------|--|-----|-----------|------------|---|
| ef Level 60.00 dBm tt 10 dB = SW | RBW RBW RBW RBW RBW | / 1 MHz / 10 MHz M | Mode Auto Sweep | , , | | | | c | ount 100/10 |
| F | I HOTIS VIDE | 1014112 | NOGE ADIO SWEEP | , | | | | | |
| requency Sweep | | | | | | | | M2[1] | ⇒ 1Rm Av -27.19 d |
| | | | | | | | | 2 | .9767980 6 |
| dBm | | | | | | | | M1[1] | 35.02 dt |
| dBm | | | | | M1 | | | | .9600000 G |
| | | | | | Ĩ | | | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
| Bm | | - | | | | | | | |
| | | | | | | | | | |
| 41 - 13.000 dRm | | | | | | | | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| and the second se | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| don . | | | | | | | | | |
|) kHz | | 000 | 01 pts | | 300.0 MHz/ | | | | 3.0 G |
| iagram 15b: | ()]3-22 | GH7 (| Zoom | R | | Med | asuring 🔳 | | 16:1 |
| 15224 04.04.2018 1agram 15b: ultiView € 9k-3G tel Level 0.00 dBm | 3-224 • REV | | Zoom | X | | Med | osuring | | 16:1 |
| iagram 15b: ultiView (9k-3G | | 1 MHz | I Zoom | | | Med | osuring | | 16 th |
| agram 15b: ultiView E 9k-3G lef Level 0.00 dBm tt 0 dB = swt | - RBW | 1 MHz | | | | Med | isuring | c | ount 100/10 |
| agram 15b: altiView E 9k-3G ef Level 0.00 dBm tt 0 dB = swt | - RBW | 1 MHz | | | | Med | osuring | C M1[1] | ount 100/1 • 1Rm Av -30.01 d |
| agram 15b: ultiView (9k-36 ef Level 0.00 dBm tt 0 dB * swt requency sweep | - RBW | 1 MHz | | | | Med | osuring | C M1[1] | ount 100/1 • 1Rm Av -30.01 d |
| agram 15b: ultiView (9k-36 ef Level 0.00 dBm tt 0 dB * swt requency sweep | - RBW | 1 MHz | | | | Med | osuring | C M1[1] | ount 100/1 • 1Rm Av -30.01 d |
| dagram 15b: ultiView (9k-3G) kef Level 0.00 dBm tt 0 dB = SWT requency Sweep dBm | - RBW | 1 MHz | | | | Med | osuring | C M1[1] | ount 100/1/ 18 18 100/1/ 18 18 18 100/10 |
| agram 15b: altiView (9k-3G) ef Level 0.00 dBm ft dbm dbm dbm | - RBW | 1 MHz | | | | Med | osuring | C M1[1] | ount 100/1/ 18 18 100/1/ 18 18 18 100/10 |
| dem 15b: | - RBW | 1 MHz | | | | Me | | C M1[1] | ount 100/10 -30.01 d |
| dem 15b: | - RBW | 1 MHz | | | | Med | | C M1[1] | ount 100/10 -30.01 d |
| agram 15b: ultiView € 9k-3G lef Level 0.00 dBm e 0 dB * swr requency Sweep dBm dBm dBm | - RBW | 1 MHz | | | | Me | | C M1[1] | ount 100/10 -30.01 d |
| agram 15b: ultiView € 9k-3G lef Level 0.00 dBm et 0 dB * swr requency Sweep dBm dBm dBm | - RBW | 1 MHz | | | | Mer | | C M1[1] | ount 100/10 -30.01 d |
| agram 15b: altiView (9k-3G) ef Level 0.00 dBm frequency Sweep dBm dBm dBm | - RBW | 1 MHz | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | C M1[1] | ount 100/10 -30.01 d |
| dBm- | - RBW | 1 MHz | | | ~~~~~~ | | | C M1[1] | ount 100/10 -30.01 d |
| iagram 15b: ultiView (9k-3G Ref Level 0.00 dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| dagram 15b: | - RBW | 1 MHz | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | C M1[1] | ount 100/10 -30.01 d |
| dagram 15b: ultiView € 9k-3G lef Level 0.00 dBm requency Sweep dBm dBm dBm dBm dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| iagram 15b: ultiView (9k-3G ket Level 0.00 dBm view 0 dB * swr requency Sweep dBm dBm dBm dBm dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| iagram 15b: ultiview : 9k-3G ket Level 0.00 dBm requency Sweep dBm dBm dBm dBm dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| iagram 15b: ultiview : 9k-3G ket Level 0.00 dBm requency Sweep dBm dBm dBm dBm dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| iagram 15b: ultiView : 9k-3G kel Level 0.00 dBm requency Sweep dBm dBm dBm dBm dBm dBm dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| iagram 15b: ultiView : 9k-3G kel Level 0.00 dBm requency Sweep dBm dBm dBm dBm | - RBW | 1 MHz | | | | | | C M1[1] | ount 100/10 |
| iagram 15b: ultiView : 9k-3G kel Level 0.00 dBm requency Sweep dBm dBm dBm dBm dBm dBm dBm | - RBW | | | | 1.9 GHz/ | | | C M1[1] | ount 100/10 18/15 -30.01 di 19/78250 G |

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Diagram 16a:

| MultiView | 9k-3G | Ì | 3-22G | Hz | X | Zoom | X | | | | | | | | |
|--|------------------------|---------|-------|-----------------|--------|--------------|----|------|---------------------------------------|----------|------------|--------|-----|----------|---------------------------------------|
| Ref Level 60. Att | 00 dBm 10 dB • SWT | 40 mc | • RBW | 1 MHz | Mode | Auto Sweep | _ | | | | | | | C. | ount 100/100 |
| TDF | | 40 1115 | VDW | 10 MHZ | Mode | : Auto Sweep | | | | | | | | | |
| 1 Frequency Sv | weep | | | | | | | | | | | | M | 2[1] | ≎1Rm Avg -26.84 dBm |
| 50 dBm | | | | | | | | | | | | | | 2 111 | .9811100 GHa |
| | | | | | | | | | | | | | IVI | | .9600000 GHa |
| 40 dBm | | | | | | | | | M | 1 | | | | | |
| 30 dBm | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 20 dBm | | | | | | | | | | | | | | | |
| 10 dBm | | | | | | | | | | | | | | | |
| a. (a.) | | | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | | | | | |
| -10 dBm- | H1 -13.000 dBm — | | | | | | | | | | | | | | |
| -20 dBm | H1 -13.000 UBm | | | | | | | | | | | | | | |
| -20 dbm | | | | | | | | |] | | | | | | М |
| -30 dBm | | | | | | | - | | | \ | | | | | |
| - | | | | | | | | | | | | | | | |
| V | | | | | | | | | | | | | | | |
| -50 dBm | | | | <u> </u> | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 9.0 kHz | Y | | | 3. | 2001 p | ts | | 300. | 0 MHz, | | Mea | suring | | | 3.0 GHz |
| 16:16:20 04.04.2010 | | | | | | | | | | | | | | | 16:16:20 |
| | | | | | | | | | | | | | | | |
| Diagram | ~ | X | 3-22G | Hz | X | Zoom | X | | | | | | | | V |
| MultiView 8 Ref Level 0.0 | 9 k-3G 0 dBm | | • RBW | 1 MHz | -0 | | X | | | | | | | C | |
| MultiView 8 Ref Level 0.0 Att TDF | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | Zoom | X | | | | | | | C | ount 100/100 |
| MultiView 8 Ref Level 0.0 | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | X | | | | | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView B Ref Level 0.0 Att TDF TFrequency St | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | X | | | | | | м | 1[1] | ount 100/100 |
| MultiView 8 Ref Level 0.0 Att TDF | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | X | | | | | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView B Ref Level 0.0 Att TDF TFrequency St | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView B Ref Level 0.0 Att TDF I Frequency S -10 dbm | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | 22 | | | | | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView B Ref Level 0.0 Att TDF I Frequency S -10 dbm | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView C Ref Level 0.0 Att TDF TFrequency S -10 dBm -20 dBm -30 dBm | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | -/~- | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView B Ref Level 0.0 * Att TDF 1 Frequency S -10 dBm | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | <u> </u> | | -/~_ | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView E Ref Level 0.0 Att TDF TDF -10 d8m | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | ~ | | - <u>-</u> | | м | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView C Ref Level 0.0 Att TDF TFrequency S -10 dBm -20 dBm -30 dBm | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | -/~~ | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView E Ref Level 0.0 Att TDF TDF -10 d8m | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | ~~~ | | -/~_ | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView E Ref Level 0.0 Att TDF Trequency S -10 d8m - -20 d8m - -30 d8m - -40 d8m - -50 d8m - -60 d8m - | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView Image: Constraint of the second seco | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | ~~~~ | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView Composition Ref Level 0.0 Att Part 1 Frequency State -10 dbm | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | ~~~ | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView E Ref Level 0.0 Att TDF TFrequency S -10 d8m - -20 d8m - -30 d8m - -40 d8m - -50 d8m - -60 d8m - | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView Image: Constraint of the second seco | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView Comparison Ref Level 0.0 Att "Att Top" "DF Top" -10 d8m | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz | -0 | | | | | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |
| MultiView Image: Constraint of the second seco | 0 dBm 0 dB ● SWT 2 | | • RBW | 1 MHz 10 MHz | -0 | Auto Sweep | | 1.9 | • • • • • • • • • • • • • • • • • • • | | | | M | 1[1] | ount 100/100 18m Avg -29.60 dBm |

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Diagram 17a:

| MultiView | 9k-3G | Ì | 3-22G | Hz | X | Zoom | X | | | | | ~ |
|---|---|-------|------------|-----------------|---------|--------------------|------|--------------|----|---------|-------|----------------------------|
| Ref Level 60 Att | .00 dBm 10 dB • SWT | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | | c | ount 100/100 |
| TDF 1 Frequency S | | | | | | | | | | | | ⊙1Rm Avg |
| | - Cop | | | | | | | | | | M2[1] | -26.77 dBm |
| 50 dBm | | | | | | | | | | | M1[1] | 2.9837500 GHz 40.03 dBm |
| 40 dBm | | | | | | | | M1 | | | | 1.9875000 GHz |
| Ho dan | | | | | | | | | | | | |
| 30 dBm | | | | | | | | + + | | | | |
| 20 dBm | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 10 dBm | | | | | | | | | | | | |
| 0 dBm | | | | <u> </u> | | | | | | | | |
| -10 dBm | | | | | | | | | | | | |
| | H1 -13.000 dBm | | | | | | | | | | | |
| -20 dBm | | | | | | | | | | | | M2 |
| -30 dBm- | - | | | | | | | السي | | | | |
| - | | | | | | | | | | | | |
| V | | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | | |
| 9.0 kHz | | | | 33 | 2001 pt | · · | | 300.0 MHz/ | | | | 3.0 GHz |
| 5101012 | Y | | | | | | | 00010.11112/ | Me | asuring | | 04.04.2018 16:17:24 |
| | 0 | | | | | | | | | | | |
| | n 17b: | X | 3-22G | Hz | X | Zoom | X | | | | | V |
| MultiView Ref Level 0.0 | n 17b: 9k-3g | | RBW | 1 MHz | _ | Zoom Auto Sweep | I | | | | | v |
| Att TDF | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | (II) | | | | c | - |
| MultiView Ref Level 0.0 Att | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF I Frequency S -10 dBm- | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF T Frequency S | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF -10 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF I Frequency S -10 dBm- | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| MultiView Ref Level 0.0 Att TDF -10 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 Att TDF I Frequency S -10 dBm -20 dBm -30 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| MultiView Ref Level 0.0 * Att TDF 1 Frequency S -10 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 Att TDF I Frequency S -10 dBm -20 dBm -30 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 Att TDF -10 dBm -20 dBm -30 dBm -40 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 Att TDF -10 dBm -20 dBm -30 dBm -40 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 Att TDF I Frequency S -10 dbm -20 dbm -30 dbm -50 dbm -60 dbm -70 dbm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 TDF -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 Att TDF I Frequency S -10 dbm -20 dbm -30 dbm -50 dbm -60 dbm -70 dbm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 • Att TDF -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz | _ | | | | | | M1[1] | Count 100/100 |
| HultiView Ref Level 0.4 • Att TDF -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm | n 17b: 9k-3G 0 dBm 0 dB • swt : | | RBW | 1 MHz 10 MHz | _ | Auto Sweep | | 1.9 GHz/ | | | M1[1] | Count 100/100 |

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Diagram 18a:

| MultiView \cdots 9k-3G | 3-22GH | z 🖾 Zoom | | | ▼ |
|---|--------------------|--|-------|--------|---|
| Ref Level 60.00 dBm Att 10 dB • SWT 4 | +0 ms VBW 10 | 1 MHz 0 MHz Mode Auto 9 | iweep | | Count 100/100 |
| TDF 1 Frequency Sweep | 10 III 5 10 III 10 | and a state of the | meep | | ⊕1Rm Avg |
| | | | | | M1[1] 40.02 dBm 1.9600000 GHz |
| 50 dBm | | | | | M2[1] -27.04 dBm |
| 40 dBm | | | | M1 | 2.9881410 GHz |
| 30 dBm- | | | | | |
| 20 dBm | | | | | |
| 10 dBm | | | | | |
| 0 dBm- | | | | | |
| -10 dBm | | | | | |
| -20 dBm- | | | | | |
| | | | | | M2 |
| -30 dBm- | | | | | |
| | | | | | |
| -50 dBm- | | | | | |
| 9.0 kHz | | 32001 pts | 300.0 |) MHz/ | 3.0 GHz |
| | | | | | |
| Diagram 18b: | <u></u> | - (1) | (w) | | |
| Diagram 18b: MultiView :: 9k-3G Ref Level 0.00 dBm | 3-22GH | 1 MHz | _ | | Count 100/100 |
| Diagram 18b: MultiView 9k-3G Ref Level 0.00 dBm * Att 0 dB * SWT 20 TDF | | 1 MHz | | | Count 100/100 |
| Diagram 18b: MultiView :: 9k-3G Ref Level 0.00 dBm Att 0 dB = SWT 20 | • RBW : | 1 MHz | | | Count 100/100 |
| Diagram 18b: MultiView 9k-3G Ref Level 0.00 dBm * Att 0 dB * SWT 20 TDF | • RBW : | 1 MHz | | | Count 100/100 @1Rm Avg |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB • SWT 20 TFrequency Sweep -10 dBm | • RBW : | 1 MHz | | | Count 100/100 |
| MultiView 9k-3G Ref Level 0.00 dBm 64t 0 dB * SWT 20 70F 1 Frequency Sweep -10 dBm | • RBW : | 1 MHz | | | Count 100/100 |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB • SWT 20 TFrequency Sweep -10 dBm | • RBW : | 1 MHz | | | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| MultiView 9k-3G Ref Level 0.00 dBm 64t 0 dB * SWT 20 70F 1 Frequency Sweep -10 dBm | • RBW : | 1 MHz | | ~~~~~ | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dB * SWT 20 * Att 0 dB * SWT 20 TFrequency Sweep -10 dBm- -20 dBm- -30 dBm- | • RBW : | 1 MHz | | ~~~~ | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB • SWT 20 -10 dBm -20 dBm -30 dBm -40 dBm | • RBW : | 1 MHz | | | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB • SWT 20 TFrequency Sweep -10 dBm -20 dBm -30 dBm | • RBW : | 1 MHz | | ~~~~~ | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB • SWT 20 -10 dBm -20 dBm -30 dBm -40 dBm | • RBW : | 1 MHz | | | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB * SWT 20 I Frequency Sweep -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm | • RBW : | 1 MHz | | | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Ref Level 0.00 dBm * Att 0 dB * SWT 20 TDF TDF -10 dBm | • RBW : | 1 MHz | | | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |
| Diagram 18b: MultiView : 9k-3G Ref Level 0.00 dBm Att 0 dB • SWT 20 Frequency Sweep -10 dBm -20 dBm -30 dBm -60 dBm -70 dBm -70 dBm | • RBW : | 1 MHz | | GHz/ | Count 100/100 IRm Avg M1[1] -29.78 dBm 21.998010 GHz |

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Diagram 19a:

| | 01-20 | (X) 3 | 2204- | (22) | Zoom 2 | 7 | | | | ∇ |
|--|--|--------------------------|----------------------------------|-----------|-----------------------------------|----|-------------|----------|----------------|---|
| Ref Level 60 | | | -22GHz RBW 1MF | \sim | Zoom | 2 | | | | Ľ |
| Att | 10 dB • SWT | | VBW 10 MH | iz Mod | e Auto Sweep | | | | c | ount 100/100 |
| TDF 1 Frequency S | woon | | | | - | | | | | ©1Rm Avg |
| Thequency 5 | меер | | | | | | | | M4[1] | -27.09 dBm |
| 50 dBm- | | | | | | | | | | 2.9905000 GHz |
| | | | | | | | | | M1[1] | 34.14 dBm |
| 40 dBm- | | | | | | | MI2 M3 | | | 1.9325000 GHz |
| 30 dBm | | | | | | | <u> </u> | | | |
| | | | | | | | | | | |
| 20 dBm- | | | | | | | | | | |
| 10 dBm | | | | | | | | | | |
| 10 0011 | | | | | | | | | | |
| 0 dBm | | | | | | | | | | |
| -10 dBm | | | | | | | | | | |
| 10 000 | 11 10.000 dbm | | | | | | | | | |
| -20 dBm | | | | | | | | | | M |
| -30 dBm | | | | | | | | | | |
| | | | | | | | | 1 | | |
| - No-dent | | | | | | | | | | |
| -50 dBm | | | | | | | | | | |
| Ju dom | | | | | | | | | | |
| 9.0 kHz | | | | 32001 g | nts | | 300.0 MHz/ | | | 3.0 GHz |
| 2 Marker Tabl | e | | | 02001 | | | 00010111127 | | | 010 0112 |
| Type Ref | Trc | X-Va 1.9325 1.9375 | lue | | Y-Value 34.14 dBm 34.16 dBm | | Function | | Function R | esult |
| M1 M2 | 1 | 1.9325 | GHZ | | 34.14 dBm 34.16 dBm | | | | | |
| M3 | 1 | 1.9875 | 5 GHz | | 33.68 dBm | | | | | |
| M4 | 1 | 2.9905 | 5 GHz | | -27.09 dBm | | | | | 04.04.2018 |
| | | | | | | | | Measurin | g 🚺 🖬 🖬 🖬 | 16:09:52 |
| haoram | 19h∙ | | | | | | | | | |
| | ~ | | 2201- | | Z aam (3 | 5 | | | | |
| MultiView | 9k-3G | | -22GHz | X | Zoom | | | | | ▽ |
| MultiView Ref Level 50. Att | 9k-3G | • R | -22GHz BW 100 kHz BW 1 MHz | : | Zoom | | | | | |
| MultiView Ref Level 50. Att TDF | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kHz | : |) | £] | | | | |
| MultiView Ref Level 50. Att TDF | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kHz | : |) | | | 1 | M3[1] | ⊜1Rm Max |
| MultiView Ref Level 50. Att TDF Frequency S | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kHz | : |) | | | | M3[1] | ≘ 1Rm Max 24.28 dBm |
| MultiView Ref Level 50. Att TDF Frequency S | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kHz | : |) | | | | M3[1] M1[1] | 21Rm Max 24.28 dBm 1.9875000 GHz |
| MultiView Ref Level 50. Att TDF Frequency S | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | : |) | | | | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView Ref Level SO. Att TDF Frequency S 40 dBm 30 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kHz | : Mode |) | | | | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView Ref Level SO. Att TDF Frequency S 40 dBm 30 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView R Ref Level SO. Att TDF I Frequency S 40 dbm 30 dbm 20 dbm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | • | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView E Ref Level 50. Att IDF I Frequency S 40 dBm 20 dBm 20 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | u | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView E Ref Level 50. Att IDF I Frequency S 40 dBm 20 dBm 20 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | • • | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView Ref Level 50. Att ToF Ifrequency S Att 40 dbm 30 dbm 20 dbm 20 dbm 10 dbm 0 dbm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | × | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| MultiView E Ref Level 50. • Att TDF • Frequency S 40 dBm 20 dBm 20 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | • | | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| MultiView Ref Level 50. Att Tor I Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| Multiview Ref Level 50. Ref Level 50. Att TDF Trequency S 40 dbm 30 dbm 30 dbm 20 dbm 10 dbm 0 dbm -10 dbm -0 dbm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| Multiview Ref Level 50. Ref Level 50. Att TDF Trequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24.28 dBm 24.28 dBm 1,9875000 GHz 23.70 dBm |
| Multiview Ref Level 50. Att Tor TDF Frequency S 40 dbm 30 dbm 30 dbm 0 dbm 10 dbm 0 dbm -10 dbm -0 dbm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| Multiview Ref Level SO. Ref Level SO. Att TDF TFrequency S 40 dBm 30 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -0 dBm -20 dBm -30 dBm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| Multiview Ref Level 50. Ref Level 50. Att TDF Trequency S 40 dbm 30 dbm 30 dbm 20 dbm 10 dbm 0 dbm -10 dbm -0 dbm | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| Multiview State Ref Level SO. Att Part Level SO. Att TDF Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm 0 dBm -10 dBm - -20 dBm - -30 dBm - | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | ⊜1Rm Max |
| Multiview Ref Level SO. Ref Level SO. Att TOF Trequency S 40 dBm 30 dBm 20 dBm 20 dBm 10 dBm 0 dBm -10 dBm - -20 dBm - -30 dBm - | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode |) | | | | | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| Multiview Ref Level SO. Ref Level SO. Att TOF Tore I Frequency S Addm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm - -20 dBm - -30 dBm - -60 dBm - | 9k-3G .00 dBm 10 dB • SWT | • R | BW 100 kH2 BW 1 MH2 | Mode | Auto Sweep | | | | M1[1] | • 1 Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz |
| Att TDF I Frequency S 40 dBm 20 dBm 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm | 9k-3G 00 dBm 10 dB = SWT weep | • R 10 5 V | BW 100 kH2 BW 1 MH2 | E Mode | Auto Sweep | | | | M1[1] | 24,28 dBm 24,28 dBm 1,9875000 GHz 23,70 dBm |
| Multiview Ref Level SO. Ref Level SO. Att Part Level SO. Att TDF Frequency S I frequency SO Att 20 dBm 20 dBm 20 dBm 20 dBm -10 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -20 dBm - -30 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -20 dBm - -30 dBm - -20 dBm - -30 dBm - -20 dBm - -20 dBm - <td>9k-3G 00 dBm 10 dB = SWT weep</td> <td>• R 10 5 V</td> <td>BW 100 kH2 BW 1 MH2</td> <td>E Mode</td> <td>Auto Sweep</td> <td></td> <td></td> <td></td> <td>M1[1]</td> <td>■ 1Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz</td> | 9k-3G 00 dBm 10 dB = SWT weep | • R 10 5 V | BW 100 kH2 BW 1 MH2 | E Mode | Auto Sweep | | | | M1[1] | ■ 1Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz |
| Multiview Ref Level SO. Ref Level SO. Att TDF TFrequency S 40 dBm 30 dBm 20 dBm 20 dBm 10 dBm 0 dBm -10 dBm | 9k-3G 00 dBm 10 dB = SWT weep | • R 10 5 V | BW 100 kH2 BW 1 MH2 | E Mode | Auto Sweep | | 15.0 MHz/ | | M1[1] | ■ 1Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz |
| Multiview Ref Level SO. Ref Level SO. Att Part Level SO. Att TDF Frequency S I frequency SO Att 20 dBm 20 dBm 20 dBm 20 dBm -10 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -20 dBm - -30 dBm - -20 dBm - -30 dBm - -50 dBm - -60 dBm - -20 dBm - -30 dBm - -20 dBm - -30 dBm - -20 dBm - -20 dBm - <td>9k-3G 00 dBm 10 dB = SWT weep</td> <td>• R</td> <td>BW 100 kHz BW 1 MHz</td> <td>E Mode</td> <td>Auto Sweep</td> <td></td> <td>15.0 MHz/</td> <td></td> <td>M1[1]</td> <td>21 Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz 23.70 dBm 2.9325000 GHz 2.9325000 GHZ 2.93250000 GHZ 2.9325000000000000000000000000000000000000</td> | 9k-3G 00 dBm 10 dB = SWT weep | • R | BW 100 kHz BW 1 MHz | E Mode | Auto Sweep | | 15.0 MHz/ | | M1[1] | 21 Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz 23.70 dBm 2.9325000 GHz 2.9325000 GHZ 2.93250000 GHZ 2.9325000000000000000000000000000000000000 |
| Multiview Ref Level 50. Ref Level 50. Att TDF Trequency S 40 d8m 30 d8m 20 d8m 30 d8m 10 d8m 9 d8m -10 d8m 9 d8m -20 d8m 9 d8m -30 d8m 9 d8m -20 d8m 9 d8m <t< td=""><td>e e Transcological e c c c c c c c c c c c c c</td><td>×-Va 1.9325</td><td>BW 100 kHz BW 1 MHz</td><td>E Mode</td><td>Auto Sweep</td><td></td><td>15.0 MHz/</td><td>Measurin</td><td>M1[1]</td><td>■ 1Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz</td></t<> | e e Transcological e c c c c c c c c c c c c c | ×-Va 1.9325 | BW 100 kHz BW 1 MHz | E Mode | Auto Sweep | | 15.0 MHz/ | Measurin | M1[1] | ■ 1Rm Max 24.28 dBm 1.9875000 GHz 23.70 dBm 1.9325000 GHz |

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Diagram 19c: ♥ MultiView 🗄 9k-3G 🛛 🖾 3-22GHz Zoom 🖾 Ref Level 0.00 dBm ● RBW 1 MHz Z00m ● Att 0 dB ● SWT 200 ms ● VBW 10 MHz Mode Auto Sweep TDF 1 Frequency Sweep Count 100/100 1Rm Avg M1[1] -29.87 dBm 21.983760 GHz 20 d 50 0 60 d 80 22.0 GHz 100001 pts 1.9 GHz/ 3.0 GHz Measuring...

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Diagram 20a:

| | 1 | | | | | (| | | | | | | | | |
|---|---|----------|--------------------------|-----------------|--|---------------------------------|---------|-------|--------|----|---|-----------|---------|--|--|
| MultiView | | ۳ | 3-22G | | x z | oom (| X | | | | | | | | ~ |
| Ref Level 60 Att | .00 dBm 10 dB = SWT | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode A | uto Sweep | | | | | | | | C | ount 100/100 |
| TDF | | 40 1113 | | 1010112 | Mode P | ato oweep | | | | | | | | | |
| 1 Frequency S | weep | | | | | | | | | | | | | | IRm Avg |
| | | | | | | | | | | | | | M4 | | -27.07 dBm 9870310 GHz |
| 50 dBm | | | | | | | | | | | | | M1 | | 33.95 dBm |
| 40 dBm | | <u> </u> | | | | | | | M1 M | 23 | | | | | .9325000 GHz |
| | | | | | | | | | T | Ĩ | | | | | |
| 30 dBm | | | | | | | | | | | | | | | |
| 20 dBm- | | | | | | | | | -+ | | | | | | |
| | | | | | | | | | | | | | | | |
| 10 dBm | | | | | | | | | | | | | | - | |
| 0 dBm | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| -10 dBm | H1 10.000 dbm | | | | | | | | | | | | | - | |
| -20 dBm | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | M4 |
| -30 dBm | - | | | | | | | | V | | | | | | |
| No. of Concession, Name | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | | | | _ | |
| | | | | | | | | | | | | | | | |
| 9.0 kHz | | | | 33 | 2001 pts | | | 300.0 | MHz/ | ′ | | | | | 3.0 GHz |
| 2 Marker Tabl | | | | | | | | | | | | | | | |
| Type Re M1 | t Trc 1 | 1.93 | /alue 325 GH | 17 | 3 | Y-Value 3.95 dBm | | Fu | unctio | n | | | Functio | n Re | sult |
| M2 | 1 | 1.98 | 25 GH 25 GH 375 GH | İz | 3- | 4.30 dBm | | | | | | | | | |
| M3 M4 | 1 2 | 1.98 | 375 GH)31 GH | IZ | 3 | 4.18 dBm 7.07 dBm | | | | | | | | | |
| | Y | | | | | | | | | | _ | easuring. | | | 04.04.2010 |
| ` | 201 | | | | | | | | | | | | | | |
| Diagran | n 20b: | | | | | | _ | | | | | | | | _ |
| MultiView | 9k-3G | X | 3-22G | Hz | Z Z | oom (| X | | | | | | | | ∇ |
| Ref Level 50 | 9 k-3G | | RBW 10 | 00 kHz | | | × | | | | | | | | |
| Ref Level 50 | 9k-3G | | RBW 10 | 00 kHz | | oom (| <u></u> | | | | | | | | ▽ |
| MultiView Ref Level 50 Att TDF | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz | | | | | | | | | | | ⊽ ⊜1Rm Max |
| MultiView Ref Level 50 Att TDF | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz | | | <u></u> | | | | | | мз | | © 1Rm Max 24.23 dBm |
| MultiView Ref Level 50 Att TDF Frequency S | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz | | | <u></u> | | | | | | | i | ≎ 1Rm Max 24.23 dBm .9875000 GHz |
| MultiView Ref Level SO Att TDF Frequency S | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz | | | | | | | | | M3 | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level SO Att TDF Frequency S | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | M2 | M3 | | | | i | ≎ 1Rm Max 24.23 dBm .9875000 GHz |
| MultiView Ref Level 50 Att TDF Frequency 9 40 dBm- 30 dBm- | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | M2 | M3 | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm 10 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm 10 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm 10 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF Frequency S 40 dBm 20 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF Frequency S 40 dBm 20 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 ▶ Att TDF I Frequency S 40 dBm 20 dBm 20 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF Frequency S 40 dBm 20 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 TDF TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 ▶ Att TDF I Frequency S 40 dBm 20 dBm 20 dBm -10 dBm -10 dBm -20 dBm -20 dBm -30 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | 00 kHz 1 MHz | | | | | 1.16 | | | | | i | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level S0 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 10 | M1 | Mode AL | | | | | | | | | | e i Rm Max 24.23 dBm .9875000 GHz 23.79 dBm .9325000 GHz |
| MultiView Reflevel 50 Def TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm CF 1.96 GHz | 9k-3G .00 dBm 10 dB = SWT W/2CP | 10 s | RBW 11 | M1 M1 | 0001 pts | to Sweep | | 15.0 | | | | | | | 9 18m Max 24.23 dBm .9875000 GHz 23.79 dBm |
| MultiView Ref Level 50 TDF TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm CF 1.96 GHz | 9k-3G .00 dBm 10 dB = SWT W/2CP | 10 s | RBW 11 | M1 M1 | 0001 pts | to Sweep | | | | | | | | 11 | e 1 Rm Max 24.23 dBm .9875000 GHz 23.79 dBm .9325000 GHz .9325000 GHz |
| MultiView Ref Level 50 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm CF 1.96 GHz Ymarker Tabl Type Rei M1 | 9k-3G .00 dBm 10 dB = SWT W/2CP | 10 s | RBW 11 | M1 M1 | 0001 pts | to Sweep | | | MHz/ | | | | M1 | 11 | e 1 Rm Max 24.23 dBm .9875000 GHz 23.79 dBm .9325000 GHz .9325000 GHz |
| MultiView Ref Level S0 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -60 dBm -50 dBm -60 dBm -70 dBm | 9k-3G .00 dBm 10 dB = SWT W/2CP | X-1 | RBW 10 | | Mode AL MODE A | | | | MHz/ | | | | M1 | 11 | e 1 Rm Max 24.23 dBm .9875000 GHz 23.79 dBm .9325000 GHz .9325000 GHz |
| Att TDF I Frequency S I frequency S | e f Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 | X-1 | /alue 25 GH2 | | Mode AL MODE A | V-Value 5,79 dBm 5,26 dBm | | | MHz/ | | | | M1 | 111 | e 1 Rm Max 24.23 dBm .9875000 GHz 23.79 dBm .9325000 GHz .9325000 GHz |

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Diagram 20c: ♥ MultiView 🗄 9k-3G 🛛 🖾 3-22GHz Zoom 🖾 Ref Level 0.00 dBm RBW 1 MHz • Att 0 dB • SWT 200 ms • VBW 10 MHz Mode Auto Sweep TDF 1 Frequency Sweep Count 100/100 1Rm Avg M1[1] -29.82 dBm 21.995730 GHz 10 d H1 -13.000 dBm -20 dB 50 d 60 di 80 22.0 GHz 100001 pts 1.9 GHz/ 3.0 GHz Measuring.. -----

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Diagram 21a:

| lultiView 🗄 | | <u>الا</u> 3-22 | | 1 | | | | | |
|--|---|-----------------|----------------------|------------|----|----------|---------|-------|---------------------------------------|
| Ref Level 65.0 Att | 00 dBm 10 dB = SWT | 40 ms VBW | 1 MHz 10 MHz Mode | Auto Sweep | | | | С | ount 100/10 |
| F requency Sv | weep | | | | | _ | | | • 1Rm Avç |
| dBm | | | | | | | | M2[1] | -25.52 dB |
| | | | | | | | | M1[1] | 41.19 dB |
| dBmm&b | | | | | | | M1 | 2 | .1450000 G |
| Bm | | | | | | | Ť | | |
| 8m- | | | | | | | | | |
| | | | | | | | | | |
| 8m- | | | | | | | | | |
| Bm | | | | | | | | | |
| im- | | | | | | | | | |
| sm | | | | | | | | | |
| dBm | 41 -13.000 dBm - | | | | | | | | |
| dBm | | | | | | | | | |
| | | | | | | | Å. | | |
| dBm | | | | | | | | | |
| UB/m- | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| 0 kHz | ~ | | 32001 pt | ts | 30 | 0.0 MHz/ | | | 3.0 Gł |
| | | | | | | | Aborted | | 121451 |
| iagram | 21b: | ⊠ 3-22 | 2GHz 🖾 |) | | | | | 12140 |
| iagram | 21b: 9кзбнz | - RBW | 1 MHz | Auto Sweep | | | | | 12195 |
| iagram ultiView | 21b: 9k3ghz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | | 0unt 100/10 |
| iagram | 21b: 9k3ghz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | | ount 100/10 • 1Rm Avg -29.67 dB |
| iagram ultiView tef Level 0.00 tt F requency St | 21b: 9k3ghz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 |
| agram altiView a ef Level 0.00 tt F requency St dBm | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram IltiView P ef Level 0.00 tt requency St d8m d8m d8m d8m | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram altiView fi ef Level 0.00 tt Fequency St d8m d8m d8m | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram altiView Court fer Level 0.000 Frequency St dBm dBm dBm dBm dBm | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| Agram IttView P ef Level 0.00 F requency S dBm dBm dBm dBm dBm dBm | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram ultiView P F F requency S dbm dbm dbm dbm dbm dbm | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram altiview for Level 0.000 for any second second dBm dBm dBm dBm dBm dBm dBm dB | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| agram ultiView P F requestors dBm dBm dBm dBm dBm dBm dBm dBm | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| Iditiview Para Control | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| iagram ultiView Ref Level 0.00 Xtt y dBm y dBm y dBm y dBm y dBm y dBm y dBm y dBm y dBm y dBm | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| iagram ultiView ? Ref Level 0.00 F requency St dam 0 dam 0 dam 0 dam 0 dam 0 dam 0 dam | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | | | | | с | ount 100/10 • 1Rm Avg -29.67 dB |
| 5:52 27.03.2010 iagram iagram ultiView € Ref Level 0.00 Att Frequency S 0 d8m 0 d8m | 21b: 9k3gHz 0 dBm 0 dB = swt : | - RBW | 1 MHz | Auto Sweep | | 9 GHz/ | | с | ount 100/10 • 1Rm Avg -29.67 dB |

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Diagram 22a:

| ItiView | 🗄 🛛 9k3GHz | X | 3-22 | GHz | X | Zoom | 22 | | | | | |
|--|---|-------|------|-----------------|---------|------------|----|------------|---------|---|----------------------------------|------------------|
| f Level 50 | .00 dBm 10 dB • SWT | 40 mc | RBW | 1 MHz 10 MHz | Mede | Auto Sweep | | | | | Count 100 | |
| t | | 40 ms | VBW | 10 MHz | Mode | Auto Sweep | | | | | | |
| equency S | weep | | | | | | | | | N | • 1Rm 2[1] -24.34 | |
| | | | | | | | | | 41 | | 2.180000 | |
| m | | | | | | | | | | M | 1[1] 41.02 | |
| m | | | | | | | | | | | 2.112500 | 0 0 |
| | | | | | | | | | | | | |
| m | | | | <u> </u> | | | | | _ | | | |
| | | | | | | | | | | | | |
| m | | | | | | | | | | _ | | _ |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| 3m | 11 - 12 000 dBm | | | | | | | | | | | _ |
| | | | | | | | | | | | | |
| Bm | | | | | | | | | M2 T | | | |
| 3m | | | | | | | | | Mul | | | *** |
| | | | | | | | | | | | | |
| 3m- | | | | | | | - | | | - | | |
| | | | | | | | | | | | | |
| 3m | | | | | | | | | | | | |
| Bm | | | | | | | | | | | | |
| 0.11 | | | | | | | | | | | | |
| kHz | | | | | 2001 pt | | | 300.0 MHz/ | | | 3.0 | |
| agran | n 22b: | X | 3-22 | GHz | X |) | | | Measur | | , , . | |
| agram | n 22b: Экзанz | X | RBW | 1 MHz | X | [| | | | | | |
| agram | n 22b: 9кзанz | | RBW | | _ | Auto Sweep | | | | | Count 100 | |
| agran ItiView | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, • 1Rm | /1 1 A |
| agran ItiView f Level 0.0 | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /1 A |
| agram tiView f Level 0.0 t | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, • 1Rm | /10 7 d |
| agram ItiView I Level 0.4 Equency S | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /1 A |
| agram tiView (Level 0.0 : : : : | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 7 d |
| tiView f Level 0.0 c cquency S | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /1 A |
| agram itiView f Level 0.0 t equency S Bm Bm Bm | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 7 d |
| agram tiView f Level 0.0 : : : : : : : : : : : : : : : : : : | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 7 d |
| tiView f Level 0.0 t equency 9 8m 8m 8m | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| agram tiView (Level 0.0 : : : : : : : : : : : : : : : : : : | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| tiView f Level 0.0 | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 7 d |
| tiView I Level 0.0 Sources S Sources | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 7 d |
| tiView I Level 0.0 Sources S Sources | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 7 d |
| agram tiView f Level 0.0 squency S squency S sm sm sm sm sm | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| ItiView It Level 0.0 It | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| agram ItiView f Level 0.0 f Level 0.0 Sequency S Sem Sem Sem Sem Sem Sem Sem | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| Bm B | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | Av 7 di |
| Agram tiView f Level 0.0 f Level 0.0 Support | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av |
| agram tiView f Level 0.0 Superson of the second | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| agram tiView f Level 0.0 Superson of the second | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz | _ | Auto Sweep | | | | | Count 100, 18m 1[1] -29.83 | /10 Av 7 d |
| | n 22b: 9k3GHz 0 dB • swt 2 | | RBW | 1 MHz 10 MHz | _ | | | 1.9 GHz/ | | | Count 100, 18m 1[1] -29.83 | 7 dl |

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Diagram 23a:

| lultiView 🖽 🤒 | 9k3GHz | \square | 3-22 | GHz | X | Zoom | | | | | ~ |
|--|---|-----------|------|------------------------|---------|------------|---|--------------|---------|-------------|---|
| ef Level 50.00 d | dBm | | RBW | 1 MHz | | | | | | | |
| tt 10 F | D dB 🖷 SWT | 40 ms | VBW | 10 MHz | Mode | Auto Sweep | | | | | Count 100/10 |
| requency Swee | ер | | | | | | | | | MOTIL | • 1Rm Avg -25.34 dB |
| | | | | | | | | | MI | M2[1] | -25,34 dB 2,9880470 GF |
| Bm | | | | | | | | _ | | M1[1] | 41.08 dB |
| Bm | | | | | | | | | | | 2.1450000 G |
| bm | | | | | | | | | | | |
| Bm | | | | | | | _ | | | | |
| | | | | | | | | | | | |
| Bm | | | | | | | | | | | |
| | | | | | | | | | | | |
| m | | | | | | | | | | | |
| dBm- | | | | | | | | | | | |
| | 13.000 dBm | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| | | | | | | | | | I A | | |
| 1Bm | | | | | | | | | | | |
| 18m | | | | | | | | | | | |
| | | | | | | | | | | | 1 |
| dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| kHz | | | | 32 | 2001 pt | s | | 300.0 MHz/ | | | 3.0 GH |
| | .3b: | | | | | | | 300.0 Mi izy | Measuri | ng 🗰 | 27.63.20 11:07: |
| agram 2 | | X | 3-22 | | X |) | | 300.0 Witz | Measuri | ng (111111) | 27.03.20 |
| agram 2 | 9k3GHz ^{3m} | | RBW | GHz 1 MHz | X | 1 | | 500.0 (m 12) | Measuri | | 27.81.20 11:97: |
| agram 2 | 9 k3GHz ^{3m} dB • SWT 2 | | RBW | GHz | X | Auto Sweep | | 500.0 (m /2) | Measuri | | 27.03.20 11:77:1 Count 100/100 |
| agram 2 | 9 k3GHz ^{3m} dB • SWT 2 | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.63.20 11:27: Count 100/10 18m Avg |
| agram 2 | 9 k3GHz ^{3m} dB • SWT 2 | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.63.20 11:27: Count 100/10 18m Avg |
| agram 2 | 9 k3GHz ^{3m} dB • SWT 2 | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 IltiView E 5 ef Level 0.00 dB tt coquency Swee | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 IltiView E 5 ef Level 0.00 dB tt coquency Swee | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 ultiview effective of the second se | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 ItiView 2 9 ef Level 0.00 dE tt courses dBm | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| dBm- | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| Agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| Agram 2 IttView C (ef Level 0.00 de t requirency Sweat dBm dBm dBm dBm dBm | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| Agram 2 Ittiview C S F Level 0.00 dB requency Sweet dBm dBm dBm dBm dBm dBm dBm dBm | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| Agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| All Control of the second seco | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Measuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| AltiView C S AltiView C S F Level 0.00 dS requerous sweet dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | Meosuri | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| agram 2 | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz | X | 1 | | | | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |
| DF requency Swee | 9k3GHz ^{Bm} dB • SWT 2 8p | | RBW | GHz 1 MHz 10 MHz | X | Auto Sweep | | 1.9 GHz/ | | | 27.83.26 11:97: Count 100/100 • 1Rm Avg -29.78 dB |

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Diagram 24a:

| | 🗉 9k3GHz | | 3-22 | GHz | X | Zoom | 22 | | | | |
|--|---|-------|------|---------------------------------|---------|-------------|----|--|--------|----------------------|---|
| f Level 50. | .00 dBm 10 dB • SWT | 40 | RBW | 1 MHz | Mede | Auto Curano | | | | | Caumt 100 /11 |
| t | | 40 ms | VBW | 10 MHz | Mode | Auto Sweep | | | | | Count 100/10 |
| equency S | weep | | | | | | | | | M2 | • 1Rm Av [1] -26.11 d |
| Bm | | | | | | | | | M1 | | 2.9856100 0 |
| 211 | | | | | | | | | | MI | [1] 38.28 d 2.1450000 0 |
| m | | | | | | | | | | | |
| Bm | | | | | | | | | | | |
| Dette | | | | | | | | | | | |
| Bm | | | | | | | | | | | |
| m | | | | | | | | | | | |
| | | | | | | | | | | | |
| dBm | 41 - 13 000 dBm - | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| 0011 | | | | | | | | | 14 | | |
| dBm | | | | _ | | - | | and the second designed to be set of the second designed and the second designed and the second designed and the | | | |
| 18m | | | | | | | | | | | |
| Gom | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| UBIII | | | | | | | | | | | |
| kHz | | | | 32 | 2001 pt | ts | | 300.0 MHz/ | | | 3.0 G |
| agram | a 24b: | | | | | | | | Measur | ring E astain | |
| agram | а 24b: (9кзанz | X | | | X | 1 | | | Medsur | | 1100 |
| agram | а 24b: (9кзанz | | RBW | 2 GHz 1 MHz 10 MHz | | Auto Sweep | | | Medsur | | - 1.2 |
| agram | n 24b: 9k3ghz ^{10 dBm} 0 dB • swt 2 | | RBW | 1 MHz | | | | | Measur | | Count 100/10 • 1Rm Av |
| agram | n 24b: 9k3ghz ^{10 dBm} 0 dB • swt 2 | | RBW | 1 MHz | | | | | Medsur | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram | n 24b: 9k3ghz ^{10 dBm} 0 dB • swt 2 | | RBW | 1 MHz | | | | | Medsul | | Count 100/10 • 1Rm Av |
| agram | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | Medsul | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | Medsul | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram altiView ef Level 0.0 tt F requency S dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | Medsul | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView C ef Level 0.0 f requency S dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView i ef Level 0.0 ef Level 0.0 e | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView e ef Level 0.0 ef Level 0.0 f requency S dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView E ef Level O.C tt cequency S dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView c of Level O.C. f ccquency S d&m d&m d&m d&m d&m d&m d&m d&m | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| ist2 27.03.201 agram altiView ef Level 0.0 f requency S dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IttView E ef Level 0.0 ft requency S dBm dBm dBm dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IttiView E ef Level O.C. Tt dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IttiView E ef Level O.C. Tt dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView Content of Level O.C. Frequency S dBm dBm dBm dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz | | | | | | | Count 100/10 • IRm Av [1] -29.96 dl |
| agram IltiView Content of Level O.C. Frequency S dBm dBm dBm dBm dBm dBm dBm dBm | n 24b: 9 k3GHz ^{10 dBm} ^{0 dB} • swt 2 wccp | | RBW | 1 MHz 10 MHz | | Auto Sweep | | 1.9 GHz/ | | | Count 100/10 • IRm Av [1] -29.96 dl |

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Diagram 25a:

| RefLevel S0.00 dBm Att 10 dB = SWT 40 SF Trequency Sweep | 0 ms VBW | 1 MHz | | | | | | | |
|--|----------|-----------------------|-------|-------------|---|------------|----------|---------------------|---------------------------------------|
| | | | Mode | Auto Sweep | | | | C | ount 100/10 |
| adaanatanaab | | 101112 1 | nouc | Allo offeep | | | | | • 1Rm Av |
| | | | | | | | | M2[1] | -26,43 di |
| Bm | | | _ | | | | <u></u> | M1[1] | 2.9892660 G 36.28 dB |
| _ | | | | | | | 11 | - | .1450000 G |
| Bm | | | | | | | | | |
| Bm | | | - | | | | | | |
| Bm | | | | | | | | | |
| | | | | | | | | | |
| m | | | - | | | | | | |
| dBm | | | _ | | | | | | |
| H1 -13 000 dBm | | | | | | | | | |
| dBm | | | | | | | 11 | | |
| dBm | | | | | | | /\ | | |
| | | | | | | | | | |
| asm- | | | | | | | | | |
| dBm | | | - | | | | | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
| kHz | | 320 | 01 pt | c | | 00.0 MHz/ | | | 3.0 G |
| agram 25b: | <u> </u> | | | 3 | 3 | 00.0 MH2/ | Measurin | g (1111111) | 27.43.2 11:0 |
| agram 25b: | | 2GHz | I | <u> </u> | 3 | 00.0 MH2/ | Measurin | g (111)111 🖬 | 27.43.2 11:0 |
| agram 25b: | - RBW | 2 GHz 1 MHz | M | Auto Sweep | 3 | 00.0 MH2/ | Measurin | | 27.43.3 11:00 |
| agram 25b: ItiView E 9k3GHz ItiView 0.00 dBm o dB • swt 201 | - RBW | 2 GHz 1 MHz | M | | 3 | | Measurin | c | e 1Rm Av |
| agram 25b: ItiView E 9k3GHz ef Level 0.00 dBm tt 0 dB • swt 200 | - RBW | 2 GHz 1 MHz | M | | 3 | UUUU MIN27 | Measurin | C M1[1] | event 100/10 • 1Rm Av -29.75 dl |
| agram 25b: altiView (1) 943GHz ef Level 0.00 dBm t 0 dB * SWT 200 requency Sweep dem | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| agram 25b: altiView E 943GHz et Level 0.00 dBm t 0 dB * swt 200 cquency Sweep dBm 1-13.000 dBm | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | event 100/10 • 1Rm Av -29.75 dl |
| Ite 27.03.2010 agram 25b: IttiView | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| Ite 27.03.2010 agram 25b: IttiView | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | event 100/10 • 1Rm Av -29.75 dl |
| 10 27.03.2019 agram 25b: ItiView (*) 9k3GHz of Level 0.00 dBm t 0 dB * swr 200 cquency Sweep 18m +11 -13.000 dBm | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| Ill 27.03.2010 agram 25b: IlltiView € 9k3GHz fLevel 0.00 dBm cquency Sweep dBm fl -13.000 dBm dBm dBm | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| 10 27.03.2018 agram 25b: ItiView ⊕ 9k3GHz ItiView ⊕ 9k3GHz Itiview ⊕ 9k3GHz getuency Sweep Itiview ⊕ 11 - 13.000 dbm Itin - 11 - 13.000 dbm Itin - 11 - 13.000 dbm | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| 10 27.03.2010 agram 25b: IttiView € 9k3GHz et Level 0.000 dBm cequency Sweep dBm dBm dBm dBm | - RBW | 2 GHz | M | | 3 | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| III 27.03.2018 agram 25b: IIIIView E 9k3GHz IIIIView O dB * swr 200 cquency Swcep dBm dBm dBm dBm dBm dBm | - RBW | 2 GHz | M | | | | Measurin | C M1[1] | ount 100/10 • 18m Av -29.75 dl |
| III 27.03.2010 agram 25b: IIIView E 9k3GHz of Level 0.00 dBm c 0 dB * swr 200 ccquency Swcep dBm dBm dBm dBm dBm dBm dBm | - RBW | 2 GHz | M | | | | Measurin | C M1[1] | ount 100/10 • 18m AV -29,75 dE |
| 10 27.03.2010 agram 25b: altiview 9k3GHz ef Level 0.00 dBm requency sweep dBm dBm dBm dBm dBm dBm dBm | - RBW | 2 GHz | M | | | | Measurin | C M1[1] | ount 100/10 |
| 10 27.03.2010 agram 25b: IltiView (*) 9k3GHz ef Level 0.00 dBm ef Level 0.00 dBm dBm dBm dBm dBm dBm dBm dBm | - RBW | 2 GHz | M | | | | Measurin | C M1[1] | ount 100/10 • 18m AV -29,75 dE |
| 10 27.03.2010 agram 25b: IltiView (*) 9k3GHz ef Level 0.00 dBm ef Level 0.00 dBm dBm dBm dBm dBm dBm dBm dBm | - RBW | 2 GHz | M | | | | Measurin | C M1[1] | ount 100/10 • 18m AV -29,75 dE |
| 10 27.03.2010 agram 25b: IttiView ● 9k3GHz fLevel 0.00 dBm cquency Sweep dBm H1 -13.000 dBm dBm | - RBW | 2 GHz | M | | | | | C M1[1] | ount 100/10 • 18m AV -29,75 dE |
| agram 25b: altiView (9k3GHz ef Level 0.00 dBm ef Level 0.00 dBm requency Sweep dem H1 -13.000 dBm dBm dBm dBm dBm dBm dBm dBm | - RBW | 2 GHz | M | | | | | C M1[1] | ount 100/10 • 18m AV -29,75 dE |
| 10 27.03.2010 agram 25b: Jittiview 9k3GHz ef Level 0.00 dBm requency Sweep dBm | - RBW | 2 GHz | M | | | | | C M1[1] | ount 100/10 • 18m AV -29,75 dE |

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Diagram 26a:

| ultiView | 🗉 9k3GHz | 🖾 (з-: | 22GHz | Zoom | 22 | | | | |
|--|--|----------|------------------------------|---------------|----|------------|-------|----------------------|---|
| tef Level 50 Att | 0.00 dBm 10 dB • SWT | 40 ms VB | WINHz WI0 MHz | Mode Auto Swe | ep | | | | Count 100/10 |
| F requency : | | | | | | | | | • 1Rm Av |
| | | | | | | | | M2[1 |] -25,48 dB |
| dBm | | | | | | | M1 | M1[1 | 2.9932970 G |
| | | | | | | | ň | | 2.1450000 G |
| dBm | | | | | | | | | |
| d8m- | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| 8m | | | _ | | | | | | |
| | | | | | | | | | |
| dBm | H1 -13.000 dBm | | | | | _ | | _ | |
| dBm | | | | | | | | | |
| | | | | | | | 1/1 | | |
| dBm | | | _ | | | | | | |
| (16.00 | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| dBm | | | | | | | | | |
| dem | | | | | | | | | |
|) kHz | | | | 2001 pts | | 300.0 MHz/ | | | 3.0 G |
| | n 26b: | | | | | | Abort | ed HEHREN | 27.49.2 11:0 |
| iagran ultiView | n 26b: Экзбнz | | 22GHz | - | | | Abor | ed Herein | 11:0 |
| iagran ultiView | n 26b: Экзбнz | | 22GHz W 1 MHz W 10 MHz | Mode Auto Swe | ép | | Abor | ed the second | 11:0 |
| iagran ultiView Ref Level 0. | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | Abort | | Count 100/10 |
| iagran ultiView Ref Level 0. | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | Abort | M1[1 | Count 100/10 • 1Rm Av] -29.85 dl |
| iagran ultiView ef Level 0. tt F | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | Abort | | Count 100/10 • 1Rm Av] -29.85 dl |
| dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | Abort | | Count 100/10 • 1Rm Av] -29.85 dl |
| dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | Abort | | Count 100/10 • 1Rm Av] -29.85 dl |
| iagram ultiView tef Level 0. st requency: dBm- | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | Abort | | Count 100/10 • 1Rm Av] -29.85 dl |
| agran ultiView ef Level 0. tt F requency dBm- dBm- dBm- | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 dl |
| agran ultiView tef Level 0. ttt F requency dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 df |
| agran ultiView lef Level 0. ttt F dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 df |
| agran ultiView ter Level 0. F requency dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 dl |
| iagran ultiView tet Level 0. ⊱ requency dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | | | | | Count 100/10 • 1Rm Av] -29.85 df |
| iagram ultiView tet Level 0. ⊮ requency dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | | | | | Count 100/10 • 1Rm Av] -29.85 df |
| agran ultiView lef Level 0. tr requency dBm dBm dBm dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 dl |
| iagram ultiView ter Level 0. titt dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 df |
| iagram ultiView tet Level 0. Frequency dBm dBm dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 df |
| UltiView Ref Level 0. Att y∈ Frequency 1 0 d8m 0 d8m | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 dl |
| agran ultiView lef Level 0. f requency dBm dBm dBm dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 dl |
| iagram ultiView tet Level 0. Frequency dBm dBm dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 • 1Rm Av] -29.85 dl |
| agran ultiView ket Level 0. Frequency dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | n 26b: 9k3GHz ^{00 dBm} 0 dB • swt : | | W 1 MHz | | ep | | | | Count 100/10 Item Aw I29.85 dt 21.989645 G |

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Diagram 27a:

| ultiView 🕀 | Jakaguz | \square | 3-22 | GHz | X | Zoom | | | | | | |
|---|---------------------------------------|-----------|------|-------------------------|---------|------------|------------|---------------|---------|---|-------------|------------------------------------|
| ef Level 50.0 | 0 dBm | | RBW | 1 MHz | | | | | | | | |
| F | 10 dB 🖷 SWT | 40 ms | VBW | 10 MHz | Mode | Auto Sweep | | | | | Co | unt 100/10 |
| requency Sw | eep | | | | | | | | | м | 2[1] | • 1Rm Av -25,49 d |
| | | | | | | | | | 11 | | 2. | 9857970 6 |
| Bm | | | | | | | | | | м | 1[1] | 41.00 d |
| Bm | | | | | | | | | | | 2. | 1775000 0 |
| 20 | | | | | | | | | | | | |
| 3m- | | | | | | | | \rightarrow | | | | |
| | | | | | | | | | | | | |
| Bm | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| m | | | | | | | | | | | - | |
| dBm- | | | | | | | | | | | | |
| | 1 -13.000 dBm - | | | | | | | | | | | |
| dBm | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| dBm | | | | | | | | المعالميد | | | | |
| | | | | | | | | | | | | |
| dBm- | | | | | | | | + | | | | |
| IBm | | | | | | | | | | | | |
| hide | | | | | | | | | | | | |
| dBm | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| kHz | | | | | 2001 pt | | 300.0 MHz/ | | | | | 3.0 0 |
| agram | | | _ | | | | | | Aborted | | | 2749L 11:4 |
| agram | 9k3GHz | X | 3-22 | | | 1 | | | Aborted | | | 27.89. 1154 |
| agram | 9k3GHz | | BBW | SGHZ 1 MHz 10 MHz | | Auto Sweep | | | Aborted | | | - 114 |
| agram | Øk3GHz dBm 0 dB ● SWT 2 | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Co | unt 100/11 |
| 20 27.03.2019 agram IltiView == ef Level 0.00 | Øk3GHz dBm 0 dB ● SWT 2 | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/11 • 1Rm Av -29.67 d |
| agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram | Øk3GHz dBm 0 dB ● SWT 2 | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| Agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| Agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram ItiView I for the second secon | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| Agram ItiView 3 If Level 0.00 t courses year IBm 10 IBm | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram IttView = Itevel 0.00 control of Level 0.00 control of Level 0.00 dBm = 0 dBm = 0 dBm = 0 dBm = 0 | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/11 • 1Rm Av -29.67 d |
| Agram ItiView 31 of Level 0.00 is Ecception of the second sec | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram IltiView == = = = = = = = = = = = = = = = = = | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram IttiView 31 af Level 0.00 af Level 0.0 | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram IttiView 31 af Level 0.00 af Level 0.0 | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| Agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/11 |
| Agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram Ittiview 31 of Level 0.00 to the second se | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram IttView :: It Level 0.00 control of Level 0.00 control of Level 0.00 dBm | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz | | Auto Sweep | | | | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |
| agram IttView :: It Level 0.00 control of Level 0.00 control of Level 0.00 dBm | (9k3GHz dBm 0 dB ● SWT 2 eep | | BBW | 1 MHz 10 MHz | | | 1.9 GHz/ | | Aborted | | Con 1[1] | unt 100/10 • 1Rm Av -29.67 d |

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Diagram 28a:

| | 🗉 9k3GHz | | GHz 🗵 | | | | | | |
|--|---|-------------|----------------------|------------|----|----------|------------|-------|---------------------------------------|
| Ref Level 6 Att DF | 5.00 dBm 10 dB • SWT | 40 ms VBW | 1 MHz 10 MHz Mode | Auto Sweep | | | | c | ount 100/10 |
| ur Frequency | Sweep | | | | | | | | • 1Rm Avc |
| dBm | | | | | | | | M2[1] | -25.89 dB |
|) dBm | | | | | | | | M1[1] | 41.30 dB |
| GBII | | | | | | | M1 | | .1450000 GI |
| dBm | | | | | | | ľ | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
| dBm | | | | | | | | | |
| dBm | | | | | | | | | |
| 1Bm- | | | | | | | | | |
| abm | | | | | | | | | |
| 0 dBm | H1 -13.000 dBm | | | | | | | | |
|) dBm | | | | | | | | | |
| | | | | | | | | | |
|) dBm | | | | | | | | | |
| dBm | | | | | | | | | |
| | | | | | | | | | |
| 0 dBm | | | | | | | | | |
| 0 kHz | Y | | 32001 p | ts | 30 | 0.0 MHz/ | Measuring. | | 3.0 G |
| iagrar | n 28b: | <u> </u> | | 1 | | | | | |
| iagrar IultiView | n 28b: Экз д нz | 3-22 BBW | | 1 | | | | | |
| iagrar | n 28b: Экз д нz | | 1 MHz | Auto Sweep | | | | с | |
| iagrar | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | | ount 100/10 |
| iagran IultiView Ref Level 0 Att DF Frequency | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 de |
| iagran ultiView Ref Level 0 Att Frequency | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 de |
| iagraf ultiView Ref Level 0 Att Frequency | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 dt |
| iagrar ultiView Ref Level O F F Frequency 0 dBm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 dt |
| iagrat ultiView Ref Level 0 Att % requency 0 dBm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 dt |
| iagrat ultiView Ref Level 0 Att % requency 0 dBm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 dt |
| iagran ultiView Ref Level O Att DF Trequency 0 dBm 0 dBm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 de |
| iagran ultiView Ref Level 0 ≫ Trequency 0 d8m 0 d8m 0 d8m 0 d8m | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 de |
| Intervention of the second sec | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 de |
| iagran ultiView Ref Level 0 Att Frequency 0 dBm 0 dBm 0 dBm 0 dBm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Av -29.71 de |
| iagrar ultiview Ref Level 0 Att Frequency 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Avg -29.71 dB |
| I agrar IultiView Ref Level 0 Att DF Frequency 0 dbm 0 dbm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Avg -29.71 dB |
| IultiView Ref Level 0 Att DF Troquency 0 d8m | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 • 1Rm Avg -29.71 dB |
| Diagram IultiView Ref Level 0 Att DF Frequency 0 dBm | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 • 1Rm Avg -29.71 dB |
| Diagram IultiView Ref Level 0 Att DF Image: Comparison of the second sec | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 • 1Rm Avg -29.71 dB |
| Diagran AultiView Ref Level 0 Att DF Frequency 0 d8m 00 d8m | m 28b: 9k3GHz O dB = swt : | | | Auto Sweep | | | | M1[1] | ount 100/10 1Rm Avg -29.71 dB |
| | m 28b: 9k3GHz O dB = swt : | | | | | | | M1[1] | 22.0 GH |

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Diagram 29a:

| | 🗄 9k3GHz | ⊠ 3-22 | | | | | | | ~ |
|---|---|-----------------|----------------------|------------|----|-----------|-----------|----------|---|
| RefLevel 6: Att DF | 5.00 dBm 10 dB = SW1 | 40 ms VBW | 1 MHz 10 MHz Mode | Auto Sweep | | | | с | ount 100/100 |
| requency: | Sweep | | | _ | | | | | 1Rm Avg |
| dBm | | | | | | | | M2[1] | -25.78 dB |
| | | | | | | | | M1[1] | 40.98 dB |
| d8m | | | | | | | M1 | | .1450000 GI |
| 8m | | | | | | | Ť | | |
| 8m | | | | | | | | | |
| | | | | | | | | | |
| Bm- | | | | | | | | | |
| Bm | | | | | | | _ | | |
| m | | | | | | | | | |
| | | | | | | | | | |
| dBm | H1 -13.000 dBm | | | | | | | | |
| dBm | | | | | | | | | |
| dBm | | | | | | | λ | | |
| AGUIT | | | | | | | | | |
| dBm- | | | | | | | | | |
| dBm | | | | | | | | | |
| kHz | | | 32001 pt | | | | | | 3.0 G |
| :06 27.03.20 agrar | n 29b: | (1) 3-22 | | | 30 | 0.0 MHz/ | Measuring | •••••••• | 400 27.43.2 13:01 |
| agran ultiView | n 29b: экзан z | - RBW | 2 GHz X | 1 | 30 | U.U MHZ/ | Measuring | | 27.41.2 13.01 |
| agran ultiView ef Level 0. | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | | 30 | U.U MH2/ | Measuring | | 27.43.21 13:01 |
| :06 27.03.20 agrar ultiView ef Level 0. tt | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | U.U MHZ/ | Measuring | c | erre 27.43.21 13.993 ount 100/10 |
| agran agran IltiView ef Level 0. tt F requency | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | U.U MH2/ | Measuring | | exe 27.41.24 19.01 0unt 100/10 • 1Rm Av -29.63 dE |
| agran agran ItiView of Level 0 equency | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | U.U MH2/ | Measuring | c | exe 27.41.24 19.01 0unt 100/10 • 1Rm Av -29.63 dE |
| agran agran ItiView ef Level 0 tt equency | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | U.U. MH2/ | Measuring | c | event 100/10 1Rm Avg -29.63 dB |
| agran agran IltiView ef Level 0 tt equency d8m | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | U.U MH2/ | Measuring | c | exe 27.41.24 19.01 0unt 100/10 • 1Rm Av -29.63 dE |
| agran agran ItiView of Level 0. equency JBm dBm | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | 0.0 MH2/ | Measuring | c | event 100/10 1Rm Avg -29.63 dB |
| agraf litiView of Level 0 tt dBm dBm | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | 0.0 MH2/ | Measuring | c | exe 27.41.24 19.01 0unt 100/10 • 1Rm Av -29.63 dE |
| agran agran ItiView t t sequency JBm JBm | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | | Measuring | c | event 100/10 1Rm Avg -29.63 dB |
| agran agran Itiview of Level 0. t equency IBm IBm | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | 30 | | Meosuring | c | 27.41.28 13.911 ount 100/10 1Rm Avg -29.63 dB |
| agran ltiView of Level 0 c cquency JBm JBm JBm JBm | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | event 100/10 1Rm Avg -29.63 dB |
| 06 27.03.20 agran | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | event 100/10 1Rm Avg -29.63 dB |
| 06 27.03.20 agran | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | 27.41.28 13.911 ount 100/10 1Rm Avg -29.63 dB |
| agran | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | 27.41.28 13.911 ount 100/10 1Rm Avg -29.63 dB |
| 306 27.03.20 agran 1 iltiView 6 ef Level 0 1 tt 6 d8m 6 | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | 2743.28 13/817 0 unt 100/10 1 Rm Avg -29.63 dB |
| :06 27.03.20 agran | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | 2743.28 13/817 0 unt 100/10 1 Rm Avg -29.63 dB |
| I:06 27.03.20 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | 1 | | | Measuring | c | 2743.28 13/817 0 unt 100/10 1 Rm Avg -29.63 dB |
| 1:06 27.03.20 iagrar | n 29b: 9k3GHz ^{00 dBm} ^{0 dB} • swt | - RBW | 2 GHz X | Auto Sweep | | 9 GHz/ | Measuring | c | 22.0 GH |

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Diagram 30a:

| iview 👓 | 9k3GHz | \square | 3-22 | 2GHz | - X | Zoom | 22 | | | | | |
|--|---|--------------------------------|--|-----------------|---------------|------------------------|---------------------------------------|------------|----------------------|-----------|----------------|---|
| Level 60.0 | 0 dBm | | RBW | 1 MHz | | | | | | | - | |
| | 5 dB 🖷 SWT | 40 ms | VBW | 10 MHz | Mode | Auto Sweep | | | | | С | ount 100/10 |
| uency Sw | reep | | | | | | | | | | M4[1] | 1Rm Av -30.65 dB |
| | | | | | | | | | _ | | | .9998590 G |
| | | | | | | | | | | | M1[1] | 34.76 dB |
| | | | | | | | | | TĨ | í - | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| n 1 | 1 -13.000 dBm | | | | | | | | | | | |
| m | | | | | | | | | | | | |
| m | | | | | | | | | W | | | |
| | | | | | | | | | -1 | | | |
| n | | | | | | | | | | | | |
| n | | | | | | | | | 1 | | | |
| Hz | | | | 32 | 2001 pt | ls | | 300.0 MHz/ | | | | 3.0 G |
| ker Table | | | | | | | | | | | | |
| e Ref | Trc | 2.11 | alue 25 GH | Hz | 3 | Y-Value 34.76 dBm | | Function | | | Function Re | esult |
| | 1 | 2.11 2.11 2.17 2.9998 | 75 GI | Iz | 3 | 34.94 dBm 34.89 dBm | | | | | | |
| 1 | 1 2 | 2.9998 | 59 GH | Iz | -3 | 30.65 dBm | | | | | | |
| s 27.03.2018 Igram | 30b: | | | | | | | | | Measuring | | 113 |
| | | X | 3-22 | 2GHz | X | Zoom | M | | | | | |
| igram | 9k3GHz | • | RBW 1 | 00 kHz | |) | I | | | | | |
| igram tiView | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 1 | 00 kHz | | Zoom | ×. | | | | | |
| igram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 1 | 00 kHz | |) | | | | | | • 1Rm Ma |
| gram iView == Level 50.00 | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 1 | 00 kHz | |) | <u></u> | | | | M1[1] | • 1Rm Ma 24.32 di 2.1125000 di |
| gram iView == Level 50.00 | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 1 | 00 kHz | |) | | | | | | • 1Rm Ma 24.32 dl 2.1125000 C 24.33 dl |
| gram iView == Level 50.00 | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 1 | 00 kHz | |) | | | M3 | | M1[1] | • 1Rm Ma 24.32 dl 2.1125000 C 24.33 dl |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | · · · · · · · · · · · · · · · · · · · | | M3 | | M1[1] | • 18m Ma 24.32 df 2.1125000 G 24.33 df |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | × | | MIS | | M1[1] | • 18m Ma 24.32 df 2.1125000 G 24.33 df |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 | | M1[1] | • 1Rm Ma 24.32 di 2.1125000 G 24.33 di |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 | | M1[1] | • 1Rm Ma 24.32 di 2.1125000 G 24.33 di |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 | | M1[1] | • 1Rm Ma 24.32 di 2.1125000 G 24.33 di |
| gram iview C Level 50.00 juency Sw | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 m T | | M1[1] | • 1Rm Ma 24.32 di 2.1125000 G 24.33 di |
| gram iView © Level 50.00 juency Sw | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 | | M1[1] | • 1Rm Ma 24.32 de 2.1125000 G 24.33 de |
| gram iView © Level 50.00 juency Sw | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 | | M1[1] | • 18m Ma 24.32 df 2.1125000 G 24.33 df |
| auency Sw | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | M3 | | M1[1] | • 18m Ma 24.32 df 2.1125000 G 24.33 df |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | | | M1[1] | • 1Rm Ma 24.32 de 2.1125000 G 24.33 de |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | | | M1[1] | • 1Rm Ma 24.32 de 2.1125000 G 24.33 de |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | 00 kHz 1 MHz | |) | | | | | M1[1] | • 1Rm Ma 24.32 de 2.1125000 G 24.33 de |
| gram | 9k3GHz 0 dBm 10 dB = SWT | • | RBW 10 VBW | M2 | Mode # | Auto Sweep | | 15.0 MHz/ | | | M1[1] | • 1Rm Ma 24.32 dt 21.125000 G 24.33 dt 21.1175000 G |
| Level 50.00 | 9k3GHz 0 dBm 10 dB ● SWT 10 dB ● SWT 7200 | | | M2 | | s | | 15.0 MHz/ | | | M1[1] M2[1] | • 1Rm Ma 24.32 dB 24.33 dB 24.34 dB 24. |
| Level 50.00 Gurancy Sw a a a a a a a a a a a a a | 9k3GHz 0 dBm 10 dB ● SWT 10 dB ● SWT 7200 | | MI AND | NH2 NH2 | Mode <i>k</i> | Auto Sweep | | 15.0 MHz/ | | | M1[1] | • 1 Rm Ma 24.32 df 24.33 df 24.33 df |
| Level 50.00 | 9k3GHz 0 dBm 10 dB ● SWT 10 dB ● SWT 7200 | | MI AND | NH2 NH2 | Mode <i>k</i> | s | | | | | M1[1] M2[1] | • 1Rm Mk 24.32 d 24.33 d 24.33 d |

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Diagram 30c:

| MultiView | 9k3GHz | : 🖾 | 3-22GHz | X | Zoom | X | | | | □ |
|------------------------------|-------------------|--------|-------------------------|----------|-----------|---|----------|------------|-------|-----------------------------|
| Ref Level 0.00 Att TDF | dBm 0 dB = SWT | 200 ms | RBW 1 MHz VBW 10 MHz | Mode A | uto Sweep | | | | C | ount 100/100 |
| Frequency Sw | eep | | | | | | | | | 1Rm Avg |
| | | | | | | | | | M1[1] | -29.77 dBm 21.996675 GHz |
| -10 dBm | 1 -13.000 dBm | | | | | | | | | |
| -20 dBm | | | | | | | | | | |
| -30 dBm- | | | | | | | | | | м |
| | | | | | | | | | | |
| -40 dBm | _ | | \sim | - | | | | | | |
| -50 dBm- | | | | | | | | | | |
| -60 dBm | | | | | | | | | | |
| -70 dBm- | | | | | | | | | | |
| | | | | | | | | | | |
| -00 dBm | | | | | | | | | | |
| -90 dBm | | | | | | | | | | |
| -100 dBm | | | | | | | | | | |
| -110 dBm- | | | | | | | | | | |
| | | | | | | | | | | |
| 3.0 GHz | | - | 10 | 0001 pts | 1 | | 1.9 GHz/ | 1 | | 22.0 GHz |
| | J | | | | | | | Measuring. | | 27.83.2018 12:02:30 |

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| lultiView 🖯 | 9k3GHz | 🖾 (3- | 22GHz | X | Zoom | 22 | | | | | ~ |
|--|--|---|-------------------------------|----------|-------------------|----------|----------|--------|-----------|----------------|---|
| Ref Level 60. Att | 00 dBm 5 dB = SWT | 40 ms VE | W 1 MHz W 10 MHz | Mode | Auto Sweep | | | | | | ount 100/10 |
| DF Frequency Sv | | | | | | | | | | | • 1Rm Avg |
| rrequency 5 | weep | | | | | | | | | M4[1] | -31.06 dB |
| dBm | | | _ | | | | | - | | | 2.9946100 GF 34.95 dB |
| dBm | | | _ | | | | | - | 0 | M1[1] | 34,95 dB 2,1125000 GF |
| dBm | | | | | | | | T I | | | |
| | | | | | | | | | | | |
| dBm- | | | | | | | | | | | |
| dBm | | | | | | | | | | | |
| dBm- | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | |
| | 11 13.000 dbm | | | | | | | | | | |
| 0 dBm | | | | | | | | - A / | | | |
| 0 dBm- | | | | | | | | V | | | |
| 0 dBm | | | | | | | | | | | |
| 0 dBm- | | | _ | | | | | | | | |
| | | | | | | | | | | | |
| 0 kHz Marker Table | | | 3 | 2001 pt | ŝ | 30 | 0.0 MHz/ | | | | 3.0 Gł |
| |)[| 2.1125 (2.1725 (2.1775 (2.99461 (| GHz | -3 | 1.06 dBm | | | | Measuring | | 27.43.26 11:57: |
| ;;:19 27.03.2016 iagram | 31b: | 2.99461 | GHz ·22GHz | -3 | Z oom | x | | | Measuring | | 115/ |
| 57:19 27.03.2016 Diagram IultiView B Ref Level 50. | 31b: 9 k3GHz | 2.99461 (3- • RBW | 22GHz 100 kHz | X | Zoom | | | | Measuring | | 1157 |
| 77:19 27.03.2016 iagram ultiView Ref Level 50. Att | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (3- • RBW | 22GHz 100 kHz | X | | | | | Measuring | | |
| 77:19 27.03.2016 iagram ultiView Ref Level 50. Att | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (3- • RBW | 22GHz 100 kHz | X | Zoom | | | | Measuring | | • 1Rm Max |
| iagram lagram lultiView Ref Level 50. DF Trequency St | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (3- • RBW | 22GHz 100 kHz | X | Zoom | × | | | Measuring | M2[1] | • 18m Ma) 24.69 dB 2.1725000 GI |
| 77:19 27.03.2016 iagram ultiView B Ref Level 50. Att Trequency S dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (3- • RBW | 22GHz 100 kHz | X | Zoom | ∞ | | | Measuring | | • 1Rm Maa 24.69 dB 2,1725000 Gi 24,40 dB |
| agram ultiview Ref Level SO. Att dBm dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz 100 kHz | X | Zoom | <u>ه</u> | | | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 Gi 24,40 dB |
| 57:19 27.03.2016 iagram Ref Level SO. Att DF dBm dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | × | | my M3 | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| r:19 27.03.2016 iagram ultiview 9 Ref Level 50. Att dBm dBm dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | P1/ M3 | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| 7:19 27.03.2016 iagram ultiView ? Ref Level 50. Att ? requency St dBm dBm dBm dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 Gi 24,40 dB |
| 7:19 27.03.2010 iagram ultiView ⊡ Ref Level S0. Att gen d8m d8m d8m d8m | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| iagram iagram ultiview P Ref Level 50. Att P Traquency S dbm dbm dbm dbm dbm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| iagram iagram ultiview P Ref Level 50. Att P Traquency S dbm dbm dbm dbm dbm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| 57:19 27.03.2010 iagram ultiView P Ref Level So. Att JF Trocumey S dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | M/ M3 | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| 57:19 27.03.2010 iagram ultiView P Ref Level So. Att JF Trocumey S dBm dBm dBm dBm dBm dBm dBm dBm dBm dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | M/ M3 | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| 57:19 27.03.2016 iagram ultiView ? Ref Level 50. Att frequency St dBm dBm dBm dBm dBm dBm 0 dBm 0 dBm 0 dBm 0 dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | M/ M3 | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| 77:19 27.03.2010 iagram ultiView € Ref Level 50. Frequency S dBm dBm dBm dBm dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | | Measuring | M2[1] | 11071 11071 24.69 d8 2.1725000 G1 24.40 d8 2.1125000 G1 |
| 57:19 27.03.2010 iagram iagram iatiview Frequency freque | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz / 100 kHz / 1 MHz | X | Zoom | | | | Measuring | M2[1] | • 1Rm Maa 24.69 dB 2,1725000 GI 24,40 dB |
| 57:19 27.03.2010 iagram idutiview Ref Level 50. Att Frequency S dbm | 31b: 9k3GHz 00 dBm 10 dB = swt | 2.99461 (| 22GHz 100 kHz 1 MHz | X Mode A | Zoom | | 5.0 MHz/ | | Measuring | M2[1] M1[1] | • iRm Max 24.69 dB 2.1725000 Gi 24.40 dB 2.1125000 Gi |
| 57:19 27.03.2016 Viagram IultiView P Att DF Frequency St Att dBm | 31b: 9k3GHz 00 dBm 10 dB * SWT 10 dB * SWT | 2.99461 (■ RBW 10 s VBW | 22GHz / 100 kHz / 1 MHz | X | Zoom uto Sweep | | 5.0 MHz/ | | Measuring | M2[1] M1[1] | 1200 (1200) 24.69 dB 24.252000 Gl 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.5000 Gl 24.5000 Gl 25.5000 Gl 25.5000 Gl 25.50000 Gl 25.50000 Gl 25.50000000000000000000000 |
| 57:19 27.03.2010 iagram lultiView Ref Level 50: Att Brackets dBm | 31b: 9k3GHz 00 dBm 10 dB * SWT 10 dB * SWT | 2.99461 (| 22GHz / 100 kHz / 1 MHz | Mode A | Zoom | | 5.0 MHz/ | | Measuring | M2[1] M1[1] | 18/1 24.69 dB 21/225000 G 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.40 dB 24.5000 G |

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Diagram 31c:

| MultiView 😁 | 9k3GHz | | 3-22GHz | 🖾 🛛 Zoon | 1 X | | | | ~ |
|------------------------------|-------------------|--------|-------------------------|--------------|------|----------|-----------|-------|-----------------------------|
| Ref Level 0.00 Att TDF | dBm 0 dB = SWT | 200 ms | RBW 1 MHz VBW 10 MHz | Mode Auto Sv | reep | | | | Count 78/100 |
| Frequency Sw | eep | | | | | | | | 1Rm Avg |
| | | | | | | | | M1[1] | -29.57 dBm 21.989455 GHz |
| -10 dBm | -13.000 dBm | | | | | | | | |
| -20 dBm | | | | | | | | | |
| -30 dBm- | | | | | | | | | M |
| -40 dBm | | | | | | | | | |
| | | | | | | | | | |
| -S0 dBm- | | | | | | | | | |
| -60 dBm | | | | | | | | | |
| -70 dBm | | | | | | | | | |
| -80 dBm | | | | | | | | | |
| -90 dBm- | | | | | | | | | |
| -100 d8m | | | | | | | | | |
| | | | | | | | | | |
| -110 dBm | | | | | | | | | |
| 3.0 GHz | | | 10 | 0001 pts | | 1.9 GHz/ | | | 22.0 GHz |
| | Υ. | | | | | | Measuring | | 27.03.2010 |

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| ultiView. | 🗄 Spectrum | | | | | | | | ~ |
|---|---|-----------------------------------|-----------|---------------------------------------|---|-----------|----------|--------------------|--|
| Ref Level 60 | 0.00 dBm | - RBW | 1 MHz | | | | | | |
| Att | 10 dB 🖷 SWT | 40 ms VBW | 10 MHz Mo | de Auto Sweep | | | | C | Count 100/10 |
| requency \$ | Sweep | | | | | | | M3[1] | 1Rm Avg -26.94 dB |
| dBm | | | | | | | | | 2.9906720 GF |
| d8m | | | | | | | 11 | M1[1] | 40.84 dB 2.1125000 G |
| | | | | | | | | | |
| d8m | | | | | | | | | |
| dBm | | | | | | | - | | |
| dBm | | | | | | | | | |
| Bm | | | | | | | | | |
| | | | | | | | | | |
| dBm | H1 -13.000 dBm — | | | | | | | | |
|) dBm | | | | | | | M2 | | |
| dBm | | | | | | | - Winner | | |
| dom | | | | | | | | | |
| dBm | | | | | | | | | |
| GDIII | | | | | | | | | |
|) kHz | | 1 | 3200 | l pts | 3 | 00.0 MHz/ | 1 | 1 | 3.0 GH |
| /larker Tab Type Re | f Two | X-Value | 1 | Y-Value | | Function | | Function R | esult |
| M1 M2 | 1 | 2.1125 G 2.181 G 2.990672 G | Hz | 40.84 dBm -27.07 dBm -26.94 dBm | | | | | |
| M3 | ī 2 | 2.990672 G | Hz | -26.94 dBm | | | | | |
| | | | | | | | Measurin | g A IIIIIII | 94.94.2 12:34 |
| iagran | n 32b: | 8 3-220 | GHz I | ิล | | | Measurin | g Without | 12:94 |
| iagran ultiView | n 32b: | 3-220 • RBW | 1 MHz | | | | Measurin | | 12:94 |
| iagran ultiView Ref Level 0. | n 32b: | | 1 MHz | D Ide Auto Sweep | | | Measurin | | 12:94 |
| iagran ultiView Ref Level 0. | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | c | 12:94 Count 100/10 |
| iagran ultiView Ref Level 0. | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Meosurin | M1[1] | Count 100/10 • 1Rm Avg -29.92 dB |
| iagran ultiView tef Level 0. tt F | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/10 • 1Rm Avg -29.92 dB |
| agran ultiView ef Level 0. tt F requency f | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 29.92 dB |
| dagran ultiView tef Level 0. tt F requency f | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 29.92 dB |
| iagran ultiView tef Level 0. K Frequency S dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagran ultiView tef Level 0. K Frequency S dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| agran ultiView ef Level 0. tt F requency f dBm dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagran ultiview Ref Level 0. Att F Frequency f o dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagran ultiView ter Level 0. F requency dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagram ultiView Ref Level 0. Vitt get dem | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagram ultiView Ref Level 0. Vitt get dem | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagram ultiView Ref Level 0. Vitt Prequency dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 18m Avg -29.92 dB 21.998955 GF |
| iagram ultiView Ref Level 0. Att >F requency 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 -29.92 dBi 21.998955 GH |
| iagran ultiView ket Level 0. y≓ requency: dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 -29.92 dBi 21.998955 GH |
| iagran ultiView Ref Level 0. Att 9 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 -29.92 dBi 21.998955 GH |
| iagram ultiView Ref Level 0. Att Frequency 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 |
| 6:57 04.04.20 iagram ultiView Ref Level 0. Att >> requency 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m 0 d8m | n 32b: 9k-3G ^{00 dBm} 0 dB • swt : | • RBW | 1 MHz | | | | Measurin | M1[1] | Count 100/100 = 1Rm Avg -29.92 dBi 21.998955 GH |

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Diagram 33a:

| MultiView | 9k-3G | X | 3-22G | Hz | X | | | | | | ~ |
|--|---|-------|--------------|-----------------|----------|------------|----|----------|-----------|-------|--|
| Ref Level 60.0 Att TDF | 00 dBm 10 dB = SWT | 40 ms | • RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | с | ount 100/100 |
| TDF 1 Frequency Sv | VOOD | | | | | - | | | | | ⊜1Rm Ava |
| 1 Frequency S | weep | | | | | | | | | M2[1] | |
| | | | | | | | | | | | 2.9899500 GHz |
| 50 dBm | | | | | | | | | | M1[1] | |
| | | | | | | | | | M1 | 2 | 1450000 GHz |
| 40 dBm | | | | | | | | | 1 | | |
| | | | | | | | | | | | |
| 30 dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| 20 dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| 10 dBm- | | | | | | | | | | | |
| | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | |
| | | | | | | | | | 11 | | |
| -10 dBm- | H1 -13.000 dBm - | | | | | | | | | | |
| | | | | | | | | | | | |
| -20 dBm | | | | | | | | | | | M2 |
| 00.40.0 | | | | | | | | | ΙA | | |
| -30 dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | |
| -su dem- | | | | | | | | | | | |
| | | | | | | | | | | | |
| 9.0 kHz | | | | 33 | 2001 p | ts | 30 | 0.0 MHz/ | | | 3.0 GHz |
| [| Д | | | | | | | | Measuring | | 04.04.2018 |
| 13:27:24 04.04.2010 | | | | | | | | | | | |
| | | | | | | | | | | | |
| Diagram | | | | | | | | | | | |
| MultiView | 9k-3G | X | 3-22G | | X | | | | | | ▽ |
| Ref Level 0.0 | 9k-3G | | , • ввм | 1 MHz | <u> </u> | Auto Susan | | | | | |
| MultiView 8 Ref Level 0.0 Att TDF | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | с | v |
| Ref Level 0.0 | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | | ount 100/100 |
| MultiView 8 Ref Level 0.0 Att TDF | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 : 1Rm Avg -29.74 dBm |
| MultiView B Ref Level 0.00 Att TDF T Frequency St | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 |
| MultiView 8 Ref Level 0.0 Att TDF | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 : 1Rm Avg -29.74 dBm |
| MultiView B Ref Level 0.00 Att TDF T Frequency St | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 : 1Rm Avg -29.74 dBm |
| MultiView B Ref Level 0.00 Att TDF T Frequency St | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 : 1Rm Avg -29.74 dBm |
| MultiView C Ref Level 0.00 Att TDF I Frequency S -10 dBm | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView C Ref Level 0.00 Att TDF I Frequency S -10 dBm -20 dBm | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 : 1Rm Avg -29.74 dBm |
| MultiView C Ref Level 0.00 Att TDF I Frequency S -10 dBm | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView 9 Ref Level 0.00 * Att TDF TFrequency St -10 d8m -20 d8m -30 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView C Ref Level 0.00 Att TDF I Frequency S -10 dBm -20 dBm | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView 9 Ref Level 0.00 * Att TDF TFrequency St -10 d8m -20 d8m -30 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView 9 Ref Level 0.00 * Att TDF TFrequency St -10 d8m -20 d8m -30 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | ~~~~~ | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView Image: Constraint of the second seco | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView Image: Constraint of the second seco | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | ~/~~~~~ | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView Image: Constraint of the second seco | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21,992685 GHz |
| MultiView Perf Level 0.00 Perf Level 0.01 0.01 * Att TDF TDF Frequency St -10 d8m - -20 d8m - -30 d8m - -40 d8m - -50 d8m - -60 d8m - | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Image: Constraint of the second seco | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | ~/~ | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Perf Level 0.00 Perf Level 0.01 0.01 * Att TDF TDF Frequency St -10 d8m - -20 d8m - -30 d8m - -40 d8m - -50 d8m - -60 d8m - | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Perf Level 0.00 Perf Level 0.01 0.01 * Att TDF TDF Frequency St -10 d8m - -20 d8m - -30 d8m - -40 d8m - -50 d8m - -60 d8m - | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Composition Reflevel 0.00 6.401 TDF TDF 10 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Composition Ref Level 0.00 Att TDF TFrequency State -10 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Composition Reflevel 0.00 6.401 TDF TDF 10 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Composition Ref Level 0.00 Att TDF TFrequency State -10 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |
| MultiView Image: Constraint of the second seco | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | Mode | | | 9 GHz/ | | M1[1] | ount 100/100 • 18m Avg -29.74 48m 21.992685 GHz MI |
| MultiView Composition Ref Level 0.00 Att TDF TFrequency State -10 d8m | 0 9k-3G 0 dBm 0 dB ● SWT 2 | | , • ввм | 1 MHz | <u> </u> | | | | | M1[1] | ount 100/100 = 1Rm Avg -29,74 dBm 21.992685 GHz |

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Diagram 34a:

| MultiView | 9k-3G | I | 3-22G | Hz | X | | | | | | ▼ |
|--|-----------------------|-------|-------------------------|-----------------|---------|------------|---|-----------|-----------|-------|---|
| Ref Level 60. Att TDF | 00 dBm 10 dB • SWT | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | C | ount 100/100 |
| TDF 1 Frequency S | uoon | | | | | | | | | | ©1Rm Avg |
| 1 Frequency 5 | weep | | | | | | | | | M2[1] | |
| | | | | | | | | | | | .9853290 GHz |
| 50 dBm | | | | | | | | | | M1[1] | 38.75 dBm |
| 40 dBm | | | | | | | | | M1 | 2 | .1450000 GHz |
| | | | | | | | | | 11 | | |
| 30 dBm | | | | | | | | | | | |
| 20 dBm | | | | | | | | | | | |
| 10 dBm | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | |
| 0 0bm | | | | | | | | | | | |
| -10 dBm | H1 -13.000 dBm | | | | | | | | | | |
| -20 dBm | | | | | | | | | | | |
| | | | | | | | | | 1A - | | M2 |
| -30 dBm- | | _ | | | | | | | | | |
| - | | | | | | | | | | | |
| N | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | |
| 9.0 kHz | | | | 32 | 2001 pi | ts | 3 | 00.0 MHz/ | | | 3.0 GHz |
| | Y | | | | | | | | Measuring | | 04.04.2018 |
| | | | | | | | | | | | |
| Diagram | | X | 3-22G | Hz | X | | | | | | ~ |
| MultiView | 9k-3G | | 3-22G • RBW • VBW | 1 MHz | _(| Auto Sweep | | | | G | - |
| MultiView Ref Level 0.0 Att TDF | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | C | ount 100/100 |
| MultiView | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | 1 | 1 | 1 | | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF 1 Frequency S | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.91 dBm |
| MultiView Ref Level 0.0 Att TDF 1 Frequency S -10 dBm- | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.91 dBm |
| MultiView Ref Level 0.0 Att TDF 1 Frequency S | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView Ref Level 0.0 Att TDF 1 Frequency S -10 dBm- | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.91 dBm |
| MultiView C Ref Level 0.0 Att TDF I Frequency S -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView C Ref Level 0.0 Att TDF I Frequency S -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF IF -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView B Ref Level 0.0 Att TDF 1 Frequency S -10 dBm | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF IF -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF IFrequency S -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF IFrequency S -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF Top -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF TFrequency S -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView E Ref Level 0.0 Att TDF Top -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView State Ref Level 0.0 Att TDF Tor -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | 1 MHz | _(| Auto Sweep | | | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |
| MultiView State Ref Level 0.0 Att TDF Tor -10 d8m | 0 dBm 0 dB ● SWT ; | | RBW | | _(| | | 1.9 GHz/ | | M1[1] | ount 100/100 = 1Rm Avg -29.91 dBm 1.981100 GHz |

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Diagram 35a:

| MultiView | | \square | 3-22G | Hz | X | | | | | | ▼ |
|----------------------|-----------------------|-----------|--------------------------------------|-----------------|--------|------------|--------|----------|-----------|-------|------------------------|
| Ref Level 60 Att | | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | с | ount 100/100 |
| | | | | | | | | | | | o 1Des Aug |
| 1 Frequency S | weep | | | | | | | | | M2[1] | ≥1Rm Avg -26.90 dBm |
| 50 dBm | | | | | | | | | | M1[1] | |
| 40 dBm | | | | | | | | | M1 | : | 2.1450000 GHz |
| 30 dBm- | | | | | | | | | I T | | |
| 30 dbm | | | | | | | | | | | |
| 20 dBm | | | | | | | | | | | |
| 10 dBm | | | | | | | | | ++ | | |
| 0 dBm | | | | | | | | | | | |
| -10 dBm- | | | | | | | | | | | |
| | H1 -13.000 dBm | | | | | | | | | | |
| -20 dBm | | | | | | | | | 1// | | M2 |
| -30 dBm- | | | | | | | | | ┟╲┈┉┉ | | |
| - Names | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| 9.0 kHz | | | | 33 | 2001 p | ts | 30 | 0.0 MHz/ | | | 3.0 GHz |
| Diagram MultiView | | X | 3-22G | Hz | X | | | | | | ▽ |
| Ref Level 0.0 Att | 0 dBm 0 dB = SWT 2 | 200 ms | ■ RBW ■ VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | с | ount 100/100 |
| TDF 1 Frequency S | ween | | | | | | | | | | ⊚1Rm Avg |
| r nequency o | incep | | | | | | | | | M1[1] | |
| -10 dBm- | | | | | | | | | | | 1.995730 GHz |
| | H1 -13.000 dBm - | | | | | | | | | | |
| -20 dBm | | | | | | | | | | | |
| -30 dBm | | | | | | | | | | | M1 |
| | | | | | | | | | han | | ~~~~ |
| -40 dBm | | ~~ | | \sim | ~ | | \sim | | | | |
| -50 dBm- | - | | | | | | | | | | |
| | | | | | | | | | | | |
| -60 dBm- | | | | | | | | | | | |
| -70 dBm | | | | | | | | | | | |
| -80 d8m | | | | | | | | | | | |
| -eu asm- | | | | | | | | | | | |
| -90 dBm | | | | | | | | | | | |
| | | | | | | | | | | | |
| 3.0 GHz | Y | | | 10 | 0001 p | ots | 1 | .9 GHz/ | Measuring | | 22.0 GHz |
| | | | | | | | | | | | |

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Diagram 36a:

| MultiView | | | 3-22G | | X | | | | | | | | |
|---|-----------------------------------|-------|------------|-----------------|---------|------------|---|-----------|-----|------------|---|-------|---|
| Ref Level 60 Att | .00 dBm 10 dB • SWT | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | | | Co | ount 100/100 |
| TDF 1 Frequency S | ween | | | | | | | | | | | | ⊜1Rm Avg |
| 1 Trequency a | weep | | | | | | | | | | M | 2[1] | -26.96 dBm |
| 50 dBm | | | | | | | | | + | | M | nn 2 | .9980780 GHz 35.01 dBm |
| 10.10- | | | | | | | | | | | | | .1450000 GHz |
| 40 dBm | | | | | | | | | M1 | | | | |
| 30 dBm | | | | | | | | | ++ | | | | |
| 20 dBm | | | | | | | | | 11 | | | | |
| 20 0011 | | | | | | | | | | | | | |
| 10 dBm | | | | | | | | | + | | | | |
| 0 dBm | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| -10 dBm- | H1 -13.000 dBm - | | | | | | | | | | | _ | |
| -20 dBm | | | | | | | | | +++ | | | | |
| 00.40.0 | | | | | | | | | -M | | | | M2 |
| -30 dBm- | | | | | | | | | - | | | | |
| - | | | | | | | | | + | | | | |
| V | | | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | | | |
| 9.0 kHz | | | | 32 | 2001 pi | ts | 3 | 00.0 MHz/ | | | | | 3.0 GHz |
| | Y | | | | | | | | | Measuring. | | | 04.04.2018 |
| D: | 261. | | | | | | | | | | | | |
| Diagram MultiView | 9k-3G | | 3-22G | Hz | X | | | | | | | | ~ |
| Ref Level 0.0 | 9k-3G | | RBW | 1 MHz | _(| Auto Sweep | | | | | | Cd | v |
| MultiView Ref Level 0.0 Att TDF | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | | Co | ount 100/100 |
| Ref Level 0.0 | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | 1 | 1 | | | M | | |
| MultiView Ref Level 0.0 Att TDF I Frequency S | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | м | 11[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | M | 11[1] | ount 100/100 © 1Rm Avg -30.01 dBm |
| MultiView Ref Level 0.0 Att TDF I Frequency S | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | M | 11[1] | ount 100/100 © 1Rm Avg -30.01 dBm |
| MultiView Ref Level 0.0 Att TDF I Frequency S -10 dBm- | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | N | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| MultiView Ref Level 0.0 Att TDF I Frequency S -10 dBm- | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | M | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| MultiView Ref Level 0.0 * Att TDF 1 Frequency S -10 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | | N | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| MultiView Ref Level 0.0 Att TDF -10 dBm- -20 dBm- | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~~ | N | 11[1] | ount 100/100 © 1Rm Avg -30.01 dBm |
| HultiView Ref Level 0.0 Att TDF I Frequency 8 -10 dbm -20 dbm -30 dbm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| MultiView Ref Level 0.0 * Att TDF 1 Frequency S -10 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | N | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF I Frequency 8 -10 dbm -20 dbm -30 dbm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 * Att TDF -10 dBm -20 dBm -30 dBm -40 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF I Frequency S -10 dbm -20 dbm -30 dbm -50 dbm -60 dbm -70 dbm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF I Frequency S -10 dbm -20 dbm -30 dbm -50 dbm -60 dbm -70 dbm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~^ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF I Frequency 8 -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm -60 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | 1 MHz | _(| Auto Sweep | | | | ~^ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |
| HultiView Ref Level 0.0 Att TDF I Frequency 8 -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -70 dBm -60 dBm | ■ 9k-3G 00 dBm 0 dB ● SWT 2 | | RBW | | _(| | | 1.9 GHz/ | | ~^ | | 11[1] | ount 100/100 - 1Rm Avg -30.01 dBm 1.990600 GHz |

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Diagram 37a:

| MultiView | 🗉 9k-3G | X) 3 | 3-22GI | Hz | X | | | | | | | ♥ |
|--|----------------------------------|------------|------------------------|-----------------|----------|-----------------------------------|-----|----------|------------------|------------|-------------|--|
| Ref Level 60 Att | .00 dBm 10 dB • SWT | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | | c | ount 100/100 |
| TDF | | | | | | | | | | | | |
| 1 Frequency S | weep | | | | | | | | | | M2[1] | |
| 50 dBm | | | | | | | | | м | 2 | M1[1] | -28.50 dBm |
| 40 dBm | | | | | | | | | H | ř. | ; | 2.1100000 GHz |
| 30 dBm | | | | | | | | | $\left \right $ | | | |
| 20 dBm | | | | | | | | | $\left \right $ | | | |
| 10 dBm | | | | | | | | | + | | | |
| D dBm | | | | | | | | | $\left \right $ | | | |
| -10 dBm | H1 -13.000 dBm - | | | | | | | | | | | |
| -20 dBm | | | | | | | | | M1 | | | M3 |
| -30 dBm | | | | | | | | | ل ال | | | |
| - | | | | | | | | | | | | |
| N ¹² | | | | | | | | | | | | |
| -50 dBm- | | | | | | | | | \vdash | | | |
| 9.0 kHz | 1 | | | 32 | 2001 pt | ts | 30 | 0.0 MHz/ | - | | | 3.0 GHz |
| 2 Marker Tabl | e | | | | | | | | | | | |
| Type Ref M1 M2 | 1 1 | 2.17 | alue 11 GH 75 GH | z | - | Y-Value 28.50 dBm 40.68 dBm | | Function | | | Function Re | esult |
| M3 | <u>ī</u> 2 | .9907 | 66 GH | z | | 26.69 dBm | | | _ | | | |
| | Л | | | | | | | | | Measuring. | | 04.04.2018 13:25:37 |
| 13:25:30 04.04.201 | 0 | | | | | | | | | | | |
| | | | | | | | | | | | | |
| Diagram | 1 37b: | | | | | | | | | | | |
| Diagram MultiView | ~ | X 3 | 3-22G | Hz | X | | | | | | | ▽ |
| MultiView Ref Level 0.0 | 6 9k-3G | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | | |
| MultiView Ref Level 0.0 Att TDF | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | c | ount 100/100 |
| MultiView Ref Level 0.0 | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF TFrequency S | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 |
| MultiView Ref Level 0.0 Att TDF TFrequency S | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 |
| MultiView 6 Ref Level 0.0 • Att TDF -10 dBm | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 |
| MultiView 8 Ref Level 0.0 Att TDF T Frequency S -10 d8m | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView 6 Ref Level 0.0 • Att TDF -10 dBm | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView 8 Ref Level 0.0 Att TDF I Frequency S -10 dBm -20 dBm -30 dBm- | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView i Ref Level 0.0 Att TDF I Frequency S -10 d8m -20 d8m -30 d8m | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | ~~~ | | | · | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView i Ref Level 0.0 Att TDF I Frequency S -10 d8m -20 d8m -30 d8m | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | ~~~ | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| HultiView State Ref Level 0.0 Att TDF TDF -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView Second S | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView Second S | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView Set Level 0.0 Ref Level 0.0 Att TDF TF -10 d8m | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView Image: Constraint of the second seco | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |
| MultiView Set Level 0.0 Ref Level 0.0 Att TDF TF -10 d8m | ■ 9k-3G 0 dBm 0 dB ● SWT : | ่ | RBW | 1 MHz | <u> </u> | | | -9 GHz/ | | | M1[1] | ount 100/100 = 1Rm Avg -29.98 dBm 21.995535 GHz |

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Diagram 38a:

| 0 0000 0 <th>MultiView</th> <th>🖹 9k-3G</th> <th></th> <th>3-22G</th> <th></th> <th>X</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>▼</th> | MultiView | 🖹 9k-3G | | 3-22G | | X | | | | | | ▼ |
|---|---|------------------------|-------|------------|-----------------|----------|--|----|------------|-----------|--------------------------|---|
| | Ref Level 60. Att | .00 dBm 10 dB = SWT | 40 ms | RBW VBW | 1 MHz 10 MHz | Mode | Auto Sweep | | | | с | ount 100/100 |
| | TDF T Erequency S | ween | | | | | | | | | | = 1Pm Ava |
| | Thequency 5 | weep | | | | | | | | | M2[1] | |
| 49 alm 1 <td></td> | | | | | | | | | | | | |
| 49 mm 1 <td>50 dBm-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>M1[1]</td> <td>41.31 dBm</td> | 50 dBm- | | | | | | | | | | M1[1] | 41.31 dBm |
| 39 m. 1 <td>10.10-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>M1 Y</td> <td>2</td> <td>.1450000 GHz</td> | 10.10- | | | | | | | | | M1 Y | 2 | .1450000 GHz |
| 20 dm Image: Control of the second secon | 40 dbm | | | | | | | | | | | |
| 20 dm Image: Control of the second secon | 30 dBm- | | | | | | | | | | | |
| 10 dm | | | | | | | | | | | | |
| 10 dm | 20 dBm | | | | | | | | | | | |
| 0 400 | | | | | | | | | | | | |
| -10 dbm -20 | 10 dBm | | | | | | | | | | | |
| -10 dbm -20 | | | | | | | | | | | | |
| -10 dbm -20 | 0 dBm | | | | | | | - | - | | | |
| -20 dfm | | | | | | | | | | 11 | | |
| -30 dm | -10 dBm- | H1 -13.000 dBm | | | | | | | | | | |
| -30 dm | | | | | | | | | | | | |
| -30 dbm -50 | -20 dBm- | | | | | | | | | | | M2 |
| -50 dm | -20 dBm | | | | | | | | | I /М | | |
| -50 dbm -60 dbm -70 dbm -60 dbm -70 dbm -80 | -30 060 | | | | | | | | | | | |
| -50 dbm -60 dbm -70 dbm -60 dbm -70 dbm -80 | - | | | | | | | | | | | |
| -50 dbm -60 dbm -70 dbm -60 dbm -70 dbm -80 | N | | | | | | | | | | | |
| 9.01412 32001 pts 300.0 MHz/ 3.0 GHz Neasoning 1000 MHz/ 3.0 GHz Neasoning 1000 MHz/ 1010 Neasoning 1000 MHz/ 10100 MHz/ 1010 Neasoning 1000 MHz/ | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | 0 0 kHz | | | | 33 | 2001 m | he de la companya de | 30 | 0.0 MHz/ | | | 3.0.6Hz |
| Listian Piolezoite Diagram 38b: MultiView @ pk-3G @ 3-22GHz @ Count 100/100 Perf Level 0.00 dfm 0.06 % SWT 200 ms % VBW 10 MHz Auto 5000 dfm -00 dfm | PIONIE | T | | | | 2001 0 | ca. | | 0.0 111127 | Measuring | discussion in the second | 04.04.2018 |
| Diagram 38b: Image: Control of the second secon | | | | | | | | | | | | 13:31:96 |
| MultiView 9k-3G 3-22GHz Image: Control (00) Pred Level 0.00 dBm • RBW 10 MHz Mode Auto Sweep Count 100/100 100 • Mit[1] -29.93 dBm 21.980525 GHz 1000100 -10 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -20 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -30 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 | 13:31:07 04.04.201 | 0 | | | | | | | | | | |
| MultiView 9k-3G 3-22GHz Image: Control (00) Pred Level 0.00 dBm • RBW 10 MHz Mode Auto Sweep Count 100/100 100 • Mit[1] -29.93 dBm 21.980525 GHz 1000100 -10 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -20 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -30 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -00 dBm -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 | | | | | | | | | | | | |
| Att the 0 dB * SWT 200 ms * VBW 10 MHz Mode Auto Sweep Count 100/100 DDF Iffer(uency Sweep) M1[1] -29.93 dBm -10 dBm Iffer(uency Sweep) M1[1] -29.93 dBm -20 dBm Iffer(uency Sweep) Iffer(uency Sweep) M1[1] -29.93 dBm -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -40 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -40 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -40 dBm Iffer(uency Sweep) If | Diagram | 201. | | | | | | | | | | |
| Att the 0 dB * SWT 200 ms * VBW 10 MHz Mode Auto Sweep Count 100/100 DDF Iffer(uency Sweep) M1[1] -29.93 dBm -10 dBm Iffer(uency Sweep) M1[1] -29.93 dBm -20 dBm Iffer(uency Sweep) Iffer(uency Sweep) M1[1] -29.93 dBm -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -30 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -40 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -40 dBm Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) Iffer(uency Sweep) -40 dBm Iffer(uency Sweep) If | | | | | | | | | | | | _ |
| -10 dem | | | | 3-22G | Hz | X | | | | | | ▽ |
| -10 dem | MultiView | (9k-3G | _ | RBW | 1 MHz | <u> </u> | | | | | | |
| -10 dem | MultiView | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | с | |
| -10 dem -20 dem -30 dem -40 dem -40 dem -50 dem -50 dem -50 dem -50 dem -60 dem -60 dem -60 dem -70 dem -70 dem -70 dem -70 dem -10 | MultiView | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | | ount 100/100 |
| -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -10 | MultiView | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.93 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -10 | MultiView Ref Level 0.0 Att TDF 1 Frequency S | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.93 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -10 | MultiView Ref Level 0.0 Att TDF 1 Frequency S | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.93 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -60 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -10 | MultiView Ref Level 0.0 Att TDF 1 Frequency S -10 dBm- | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.93 dBm |
| -30 dBm -40 dBm -50 dBm -60 dBm -60 dBm -60 dBm -70 dBm -80 dBm -80 dBm -80 dBm -80 dBm -10 | MultiView Ref Level 0.0 Att TDF 1 Frequency S | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 1Rm Avg -29.93 dBm |
| -50 dBm -60 dBm -70 dBm -80 dBm -90 dB | MultiView Ref Level 0.0 Att TDF 1 Frequency S -10 dBm- | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -50 dBm -60 dBm -70 dBm -80 dBm -90 dB | MultiView 6 Ref Level 0.0 Att TDF -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -50 dBm -60 dBm -70 dBm -80 dBm -90 dB | MultiView 6 Ref Level 0.0 Att TDF -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -60 dBm | MultiView 8 Ref Level 0.0 Att TDF I Frequency S -10 d8m -20 d8m -30 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -60 dBm | MultiView 8 Ref Level 0.0 Att TDF I Frequency S -10 d8m -20 d8m -30 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -70 dBm | MultiView State Ref Level 0.0 Att TDF Tor -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | ~~~~~ | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -70 dBm | MultiView State Ref Level 0.0 Att TDF Tor -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | ~~~~~ | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -00 dBm | MultiView B Ref Level 0.0 Att TDF Tor -10 dBm | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -00 dBm | MultiView B Ref Level 0.0 Att TDF Tor -10 dBm | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | ~~~~~ | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -90 dBm | MultiView B Ref Level 0.0 Att TDF Tor -10 dBm | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -90 dBm | MultiView B Ref Level 0.0 Att TDF TDF -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| -90 dBm | MultiView B Ref Level 0.0 Att TDF TDF -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| 3.0 GHz 100001 pts 1.9 GHz/ 22.0 GHz | MultiView State Ref Level 0.0 Att TDF TDF -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| 3.0 GHz 100001 pts 1.9 GHz/ 22.0 GHz | MultiView B Ref Level 0.0 Att TDF TDF -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| Magazining | MultiView S Ref Level 0.0 Att TDF Top -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| Magazining | MultiView S Ref Level 0.0 Att TDF Top -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| Magazining | MultiView S Ref Level 0.0 Att TDF Top -10 d8m | (9k-3G | _ | RBW | 1 MHz | <u> </u> | Auto Sweep | | | | M1[1] | ount 100/100 - 1Rm Avg -29.93 dBm 1.980525 GHz |
| | MultiView S Ref Level 0.0 Att TDF Top -10 d8m | (9k-3G | _ | RBW | 1 MHz | Mode | | | | | M1[1] | 22.0 GHz |

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Diagram 39a:

| MultiView | 9k-3G | X | 3-226 | Hz | X | oom | X | | | | | | | _ ▽ |
|--|------------------------|----------------------------|---|-----------------|----------|---------------------------------|-------------|----|----------------------|-----------------|-----------|------|---------------|-----------------------|
| Ref Level 60. | .00 dBm | -(| • RBW | 1 MHz | (| | | | | | | | | |
| Att TDF | 10 dB 🖷 SWT | 40 ms | VBW | 10 MHz | Mode / | Auto Sweep | | | | | | | С | ount 100/100 |
| 1 Frequency St | weep | | | | | | | | | | | | | a 1Rm Avg |
| | | | | | | | | | | | | Ν | 14[1] | |
| 50 dBm- | | | | | | | | | | - | | | 41[1] | 35.60 dBm |
| 40 dBm | | | | | | | | | | ME M | | | | .1125000 GHz |
| 00. db .: | | | | | | | | | | | | | | |
| 30 dBm | | | | | | | | | | | | | | |
| 20 dBm | | | | - | | | | | | | | | | |
| 10 dBm | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 0 dBm- | | | | | | | | | | | | | | |
| -10 dBm | | | | | | | | | | | | | | |
| -20 dBm | | | | | | | | | | | | | | |
| -20 dbiii | | | | | | | | | | | | | | M |
| -30 dBm | | | | | | | | | | ~~ | | | | |
| - | | | | - | | | | | | _ | | | | |
| N | | | | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | | | | |
| 9.0 kHz | | | | 3 | 2001 pts | j | | 30 | 00.0 MHz/ | | | | | 3.0 GHz |
| 2 Marker Table | e | | | | | | | | | | | | | |
| Type Ref M1 | Trc | X-1 | Value 125 GI 175 GI 775 GI 547 GI | u., | | Y-Value 5.60 dB | | | Function | | | Func | tion Re | esult |
| M2 | 1 | 2.1 | 175 G | Hz | 3 | 5.32 dB | m | | | | | | | |
| M3 M4 | 1 | 2.1 | 775 GI 547 GI | Hz Hz | -2 | 5.32 dB 5.51 dB 6.75 dB | m m | | | | | | | |
| | Y | | | | | | | | | | Measuring | | | 04.04.2018 |
| Diagram | ~ | | | | | | | | | | | | | |
| MultiView | (| X | 3-226 | | X Z | oom | X | | | | | | | ▽ |
| Ref Level 50. Att | .00 dBm 10 dB = SWT | 10 s | RBW 1 VBW | 00 kHz 1 MHz | Mode A | uto Sweep | | | | | | | | |
| TDF | | | | | | | | | | | | | | o 1 Des Marr |
| 1 Frequency S | weep | | | | | | | | | | | N | 43[1] | ⇒1Rm Max 25.66 dBm |
| 40 dBm | | | | | | | | | | | | | | .1775000 GHz |
| | | | | | | | | | | | | N | 41[1] | 25.52 dBm |
| 30 dBm- | | | <u>144</u> س ک ندم | M2 | | | | | | -M3 X | - | | 2 | 2.1125000 GHz |
| 20 dBm | | | | + | | | | | | + | | | | |
| 10 dBm | | | | | | | | | | | | | | |
| 20 0011 | | | | | | | | | | | | | | |
| D dBm | | | | | | | | | | + | | | | |
| -10 dBm | | | | | | | | | | | | | | |
| | HI -13.000 dbm - | | | | | | | | | | | | | |
| -20 dBm | | | | | | | | | | | t | | | |
| -30 dBm | | | \rightarrow | + | | | | | | 4 | ~ | | | |
| -10 dBm | | 1 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| -50 dBm | | - | | - | | | | | | - | | - | | |
| -60 dBm- | | | | | | | | | | | | | | |
| | | 1 | | | | | | | 1 | | | 1 | | |
| CF 2.145 GHz | | | | | | | | | 1 | | | | | |
| | | 1 | | 1 | 0001 pts | 5 | | 1 | 5.0 MHz/ | | | | Sp | an 150.0 MHz |
| 2 Marker Table | | | Value | 1 | | | | 1 | | | | Euro | | |
| 2 Marker Table Type Ref M1 | Trc 1 | 2.11 | Value 25 GH: | | | | n | 1 | 5.0 MHz/ Function | | 1 | Func | Sp tion Re | |
| 2 Marker Table Type Ref M1 M2 | Trc | ×- 2.11 2.11 2.17 | Value 25 GH; 75 GH; 75 GH; | | 2 | Y-Value 5.52 dBr 5.76 dBr | n n n | 1 | | | | Func | | |
| 2 Marker Table Type Ref M1 | Trc 1 | 2.11 2.11 2.17 | Value 25 GH: 75 GH: 75 GH: | | 2 | | n n n | 1 | | | Measuring | Func | tion Re | |

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Diagram 39c: ♥ MultiView 🗄 9k-3G 🛛 🖾 3-22GHz Zoom 🖾 Ref Level 0.00 dBm ● RBW 1 MHz Z00m ● Att 0 dB ● SWT 200 ms ● VBW 10 MHz Mode Auto Sweep TDF 1 Frequency Sweep Count 100/100 1Rm Avg M1[1] -29.72 dBm 21.992880 GHz 20 d 50 d 60 d 80 22.0 GHz 100001 pts 1.9 GHz/ 3.0 GHz Measuring... Concession in the local division of the loca

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Diagram 40a:

| | 🗄 9k-3G | | 3-22G | Hz | | Zoom | (22) | | | | | | | | ∇ |
|--|---|----------------|---------------------------|------------------|---------------|---------------------------|----------|----|----------------------|-----------------------|--|----------|------------|--|---|
| Ref Level 60 | | Ξį | | 1 MHz | | | | | | | | | | | |
| Att | 10 dB • SWT | 40 ms | | 10 MHz | Mode | Auto Sweep | | | | | | | | C | ount 100/100 |
| TDF | | | | | | | | | | | _ | | | | ⊜1Rm Ava |
| 1 Frequency S | weep | | | | | | | | | | | | | M4[1] | -27.27 dBm |
| 50 dBm | | | | | | | | | | | | | | | 2.9906720 GHz |
| 40 dBm | | | | | | | | | | | - 963 | | | M1[1] | 35.01 dBm 2.1125000 GHz |
| | | | | | | | | | | Ï | Ĩ | | | | |
| 30 dBm | | | | | | | | | | | | | | | |
| 20 dBm | | | | | | | _ | | | | | | | | |
| | | | | | | | | | | | 1 | | | | |
| 10 dBm | | | | | | | | | | | | | | | |
| 0 dBm | | | | | | | | | | | + | | | | |
| -10 dBm | | | | | | | | | | | | | | | |
| | 111 10.000 dbm | | | | | | | | | - 1 | | | | | |
| -20 dBm | | | | | | | | | | | | | | | M |
| -30 dBm | | | | | | | _ | | | | ЧĻ | _ | | | |
| No. | | | | _ | | | | | | | | | | | |
| V | | | | | | | | | | | | | | | |
| -50 dBm | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 9.0 kHz | | | | 33 | 2001 pl | ts | | 30 | 0.0 MHz/ | | | | | | 3.0 GHz |
| 2 Marker Tabl Type Rel | | ~ | Jalua | | | V-Value | | | Function | | | | E. w | nction Re | a cult |
| M1 | 1 | 2.11 | Value L25 GI 725 GI | Hz | ' : | Y-Value 35.01 dBn | | | Function | | | | Fui | ICUOIT K | esuit |
| M2 | 1 | 2.17 | 725 GI | Hz | | 35.08 dBn | 1 | | | | | | | | |
| M3 M4 | 1 2 | 2.11 | 775 GI 572 GI | HZ HZ | | 35.27 dBn 27.27 dBn | 1 | | | | | | | | |
| | 10 | | | | | | | | | | - | Measurin | | IIIIII . | 4448 04.04.2018 |
| Diagram | 140h | | | | | | | | | | | | | | |
| | ~ | | | | | 7 | ē | | | | | | | | |
| MultiView | 9k-3G | | 3-22G | | X | Zoom | ×. | | | | | | | | |
| MultiView Ref Level 50 Att | • 9k-3G | | RBW 1 | 00 kHz | | | ×. | | | | | | | | ▽ |
| MultiView Ref Level 50 Att TDF | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 | 00 kHz | | Zoom Auto Sweep | | | | | | | | | |
| MultiView Ref Level 50 Att TDF | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 | 00 kHz | | | Z | | | | | | | M2[1] | ⊙1Rm Max |
| MultiView Ref Level 50 Att TDF 1 Frequency S | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 | 00 kHz | | | Z | | | | | | | M2[1] | ⇒ 1Rm Max 25.70 dBm |
| MultiView Ref Level 50 Att TDF | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 | 00 kHz | | | | | | | | | | M1[1] | 21.70 dBm 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 Att TDF 1 Frequency S | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | × | | | Me | M3 | | | M1[1] | 21 Rm Max 25.70 dBm 2.1725000 GHz |
| MultiView Ref Level 50 • Att TDF 1 Frequency S 40 dBm 30 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 | 00 kHz | | | | | | | | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 P ⁻² | M3 •• The part of | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 • Att TDF 1 Frequency S 40 dBm 30 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | M3 | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| Ref Level S0 • Att TDF • I Frequency S 40 dBm 30 dBm 20 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | M3 Trans | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | M) - # | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 • Att TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 Att TDF IFrequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | M) | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level S0 Att TDF I Frequency 8 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -50 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | M3 | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 Att TDF I Frequency 8 40 d8m 20 d8m 20 d8m 10 d8m 0 d8m | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | | | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level S0 Att TDF I Frequency 8 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -50 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | | M3 | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 TDF TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -20 dBm -30 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | | M3 | *** | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level S0 Att TDF I Frequency 8 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -50 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | | M3 | ** | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 TDF TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -20 dBm -30 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz | | | | | | M2 | M3 | | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level SO Att TDF I Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 20 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm | ■ 9k-3G .00 dBm 10 dB ● SWT | | RBW 1 VBW | 00 kHz 1 MHz | Mode # | Auto Sweep | | | | | M3 | *** | | M1[1] | ■ 1Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm 2.1125000 GHz |
| MultiView Att TDF 1 Frequency S 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm CF 2.145 GHz | 9k-3G .00 dBm 10 dB • SWI weep | | RBW 1 VBW | 00 kHz 1 MHz | | Auto Sweep | | 1: | 5.0 MHz/ | | M3 | ** | | M1[1] | 21.Rm Max 25.70 dBm 2.1725000 GHz 25.41 dBm |
| MultiView Ref Level 50 Att TDF I Frequency S 40 dBm 30 dBm 20 dBm 0 dBm 0 dBm 0 dBm -0 dBm -20 dBm -20 dBm -50 dBm -60 dBm CF 2.14S GHz 2 Marker Tabl | 9k-3G .00 dBm 10 dB = SWT weep | 10 s | RBW 1 | | Mode <i>k</i> | Auto Sweep | | 15 | | | | * | | M1[1] | e 1 Rm Max 25.70 dBm 2.1725000 GHz 2.1125000 GHz |
| MultiView Ref Level 50 TDF TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm CF 2, 145 GHz 2 Marker Tabl Type Rel M1 | e e c c c c c c c c c c c c c | 10 s | RBW 1 | | Mode <i>k</i> | Auto Sweep | | 15 | 5.0 MHz/ Function | | | ** | Fur | M1[1] | e 1 Rm Max 25.70 dBm 2.1725000 GHz 2.1125000 GHz |
| MultiView Ref Level 50 Att DF TDF 1 Frequency S 40 dBm 20 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm Type Rel M2 | 9k-3G .00 dBm 10 dB = SWT WCCP | 2.112 2.112 | RBW 1 VBW | 00 kHz 1 MiHz | 00001 pt | Auto Sweep | | 1: | | | | | Fur | M1[1] | e 1 Rm Max 25.70 dBm 2.1725000 GHz 2.1125000 GHz |
| MultiView Ref Level 50 TDF TDF 1 Frequency S 40 dBm 30 dBm 20 dBm 10 dBm 0 dBm -0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm CF 2, 145 GHz 2 Marker Tabl Type Rel M1 | e e 7 Trc 1 1 | 2.112 2.112 | RBW 1 | 00 kHz 1 MiHz | 00001 pt | Auto Sweep | | 11 | | | | | Fur g (| SI S | e 1 Rm Max 25.70 dBm 2.1725000 GHz 2.1125000 GHz |

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Diagram 40c:

| 1ultiView 🖽 9k- | -3G 🖾 3-2 | 2GHz 🖾 | Zoom 🖾 | | | | | ~ |
|---|---------------------------|--------------------------|------------|------|---------|---|------------|---------------------------|
| RefLevel 0.00 dBm Att 0 dB | • RI • SWT 200 ms • VE | W 1 MHz W 10 MHz Mode | Auto Sweep | | | | C | ount 100/100 |
| Frequency Sweep | | | | | | | | ⊜1Rm Avg |
| | | | | | | | M1[1] 2 | -29.70 dB 21.989080 GF |
| dBm | 00 dem | | | | | | | |
|) dBm | | | | | | | | |
| | | | | | | | | |
|) dBm- | | | | | | - | ~ | ~~~ |
| dBm | | ~ ~ | | ~~~~ | | | | |
| ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | | | | |
|) dBm | | | | | | | | |
| 0 dBm | | | | | | | | |
| | | | | | | | | |
| 0 dBm | | | | | | | | |
| 0 dBm | | | | | | | | |
| | | | | | | | | |
| 0 dBm- | | | | | | | | |
| 0 GHz | | 100001 | | | 9 GHz/ | | | 22.0 GH |
| Y | | 100001 | | | 2 01107 | | | 04.04.201 |

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Field strength of spurious radiation measurements according to 47 CFR §2.1053

| Date | Temperature | Humidity |
|------------|------------------------------------|------------|
| 2018-03-20 | $22 \degree C \pm 3 \degree C$ | 20 % ± 5 % |
| 2018-03-21 | $21 \ ^{\circ}C \pm 3 \ ^{\circ}C$ | 24 % ± 5 % |
| 2018-03-22 | $21 \ ^{\circ}C \pm 3 \ ^{\circ}C$ | 25 % ± 5 % |
| 2018-03-23 | $21 \ ^{\circ}C \pm 3 \ ^{\circ}C$ | 27 % ± 5 % |

The test site conform to the site validation criterion specified in ANSI C63.4 2014. The test site complies with RSS-Gen, Industry Canada file no. 3482A-1.

The measurements were performed with both horizontal and vertical polarization of the antenna. The antenna distance and test object height in the different frequency ranges can been seen below.

The antenna distance was 3 m in the frequency range 30 MHz - 18 GHz and 1 m in the frequency range 18 GHz - 26.5 GHz.

The EUT was placed 0.8 m above reference ground plane in frequency range 30 MHz - 1 GHz and 1.5 m above reference ground plane in frequency range 1 GHz - 26.5 GHz.

The measurement was performed with a RBW of 1 MHz.

A propagation loss in free space was calculated. The used formula was

 $\gamma = 20 \log \left(\frac{4\pi D}{\lambda}\right)$, γ is the propagation loss and D is the antenna distance.

The measurement procedure was as the following:

- A pre-measurement is performed with peak detector. For measurement < 1 GHz the test object was measured in eight directions with the antenna at three heights, 1.0 m, 1.5 m and 2.0 m. For measurements > 1 GHz the test object was measured in seventeen directions with the antenna height 1.0 m and 1.5 m.
- 2. Spurious radiation on frequencies closer than 20 dB to the limit in the pre-measurement is scanned 0-360 degrees and the antenna is scanned 1- 4 m for maximum response. The emission is then measured with the RMS detector and the RMS value is reported. Frequencies closer than 10 dB to the limit when measured with the RMS detector were measured with the substitution method according to ANSI 63.26.



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The test set-up during the spurious radiation measurements is shown in the pictures below:

Test setup 30-1000 MHz:



Test setup 1-18 GHz:



Test setup 18-26.5 GHz:





Measurement equipment

| Measurement equipment | RISE number |
|---|-------------|
| Test site Tesla | 503 881 |
| R&S ESU 40 | 901 385 |
| Control computer with | BX62351 |
| R&S software EMC32 version 10.20.01 | |
| High pass filter 3-18 GHz | 504 200 |
| Flann Standard Gain Horn 20240-20 | 503 674 |
| ETS Lindgren BiConiLog Antenna 3142E | BX61914 |
| EMCO Horn Antenna 3115 | 502 175 |
| μComp Nordic, Low Noise Amplifier | 901 545 |
| Miteq, Low Noise Amplifier | 503 278 |
| Temperature and humidity meter, Testo 625 | 504 188 |

Results

representing worst case: Symbolic name T_5 , TX top frequency, BW 5 MHz

Diagram 1a-d: Band 2 4x 40 W + Band 66A 4x 60 W configuration. Diagram 2a-d: Band 2 2x 60 W + Band 66A 2x 80 W configuration.



| | Spurious emission level (dBm) | | | | | |
|--------------------|----------------------------------|----------------------------------|--|--|--|--|
| Frequency (MHz) | Vertical | Horizontal | | | | |
| 30-26500 | All emission > 20 dB below limit | All emission > 20 dB below limit | | | | |

Measurement uncertainty: 3.1 dB

Limits

CFR 47 §24.238 and §27.53(h)

Outside a licensee's frequency band(s) of operation the power of any emission shall be attenuated below the transmitter power (P) by at least $43 + 10 \log (P) dB$. resulting in a limit of -13 dBm.

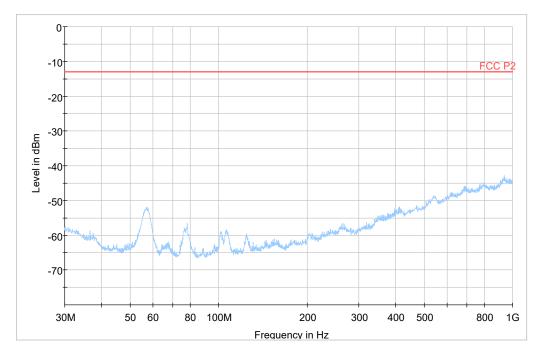
| Complies? | Yes |
|-----------|-----|

Date 2018-04-23

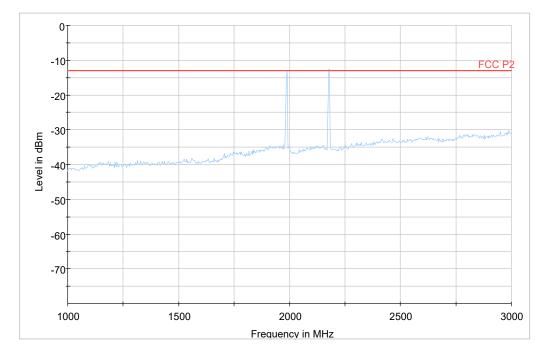
Reference 8P02716-L

RI. SE

Diagram 1a:







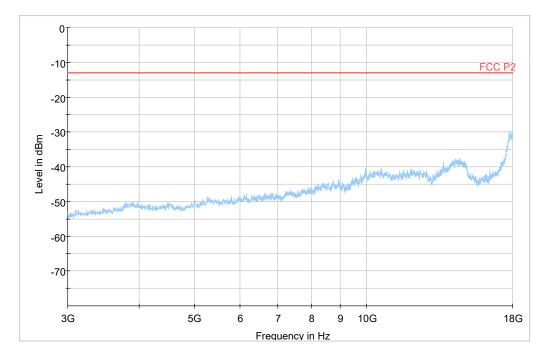
Note: The emissions at 1987.5 MHz and 2177.5 MHz are the carrier frequency and shall be ignored in the context.

RI. SE

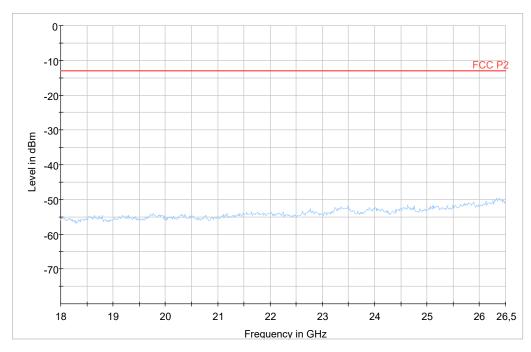
Date 2018-04-23

Reference 8P02716-L

Diagram 1c:





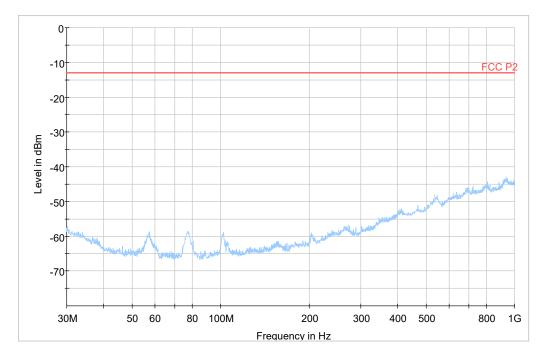


KI. SE

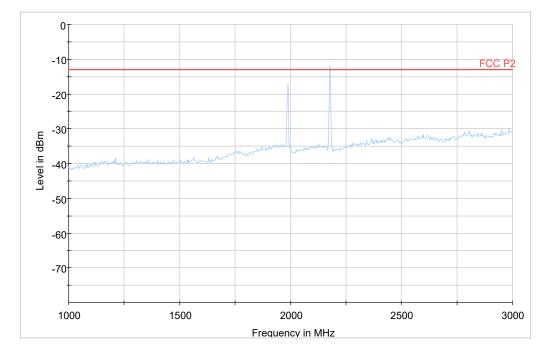
Date 2018-04-23

Reference 8P02716-L

Diagram 2a:







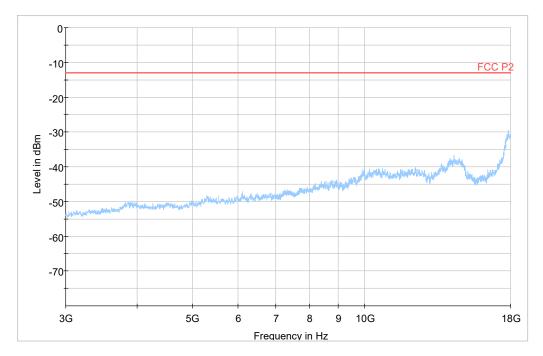
Note: The emission at 1987.5 MHz and 2177.5 is the carrier frequency and shall be ignored in the context.

RI. SE

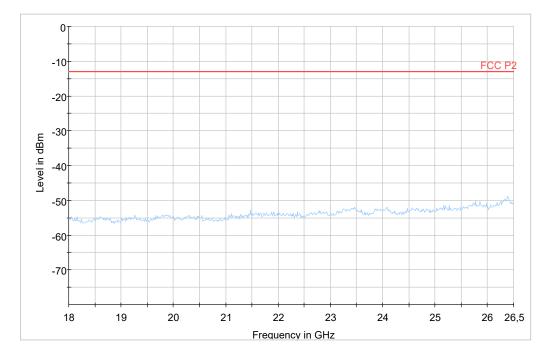
Date 2018-04-23

Reference 8P02716-L

Diagram 2c:









Frequency stability measurements according to CFR 47 §24.235 and §27.54, 2.1055

| Date | Temperature (test equipment) | Humidity (test equipment) |
|------------|------------------------------------|---------------------------|
| 2018-03-13 | $23 \text{ °C} \pm 3 \text{ °C}$ | 16 % ± 5 % |
| 2018-03-14 | $22 \ ^{\circ}C \pm 3 \ ^{\circ}C$ | 13 % ± 5 % |
| 2018-03-15 | $22 \ ^{\circ}C \pm 3 \ ^{\circ}C$ | 8 % ± 5 % |
| 2018-04-16 | $22 \text{ °C} \pm 3 \text{ °C}$ | 32 % ± 5 % |

Test set-up and procedure

The measurement was made per 3GPP TS 36.141. The output was connected to a spectrum analyser. The spectrum analyser was connected to an external 10 MHz reference standard during the measurements.

| Measurement equipment | RISE number |
|---|-------------|
| Rohde & Schwarz signal analyzer FSQ 40 | 504 143 |
| Directional coupler | 901 496 |
| RF attenuator | 902 282 |
| Temperature Chamber | 503 360 |
| Testo 635, temperature and humidity meter | 504 203 |
| Multimeter Fluke 87 | 502 190 |



Results

Nominal transmitter frequency was for Band 2 1960 MHz (M) with a bandwidth of 5 MHz and rated output power level at connector RF A at 46 dBm.

Nominal transmitter frequency was for Band 66 2145 MHz (M) with a bandwidth of 5 MHz and rated output power level at connector RF E at 46 dBm.

| | Test conditions | | Frequency error (Hz) |
|----------------|-----------------|--------|----------------------|
| Supply voltage | Temp. | Band 2 | Band 66A |
| DC (V) | (°C) | | |
| 40.8 | +20 | 12 | 11 |
| 55.2 | +20 | 12 | 13 |
| 48 | +20 | 13 | 10 |
| 48 | +30 | 26 | 18 |
| 48 | +40 | 8 | 8 |
| 48 | +50 | 8 | 49 |
| 48 | +10 | 9 | 10 |
| 48 | 0 | 7 | 8 |
| 48 | -10 | 28 | 25 |
| 48 | -20 | 7 | 8 |
| 48 | -30 | 34 | 26 |
| Maximum freq. | error (Hz) | 34 | 49 |
| Measurement ur | ncertainty | <±1 | x 10 ⁻⁷ |

Band 2

RI SE

Г

Rated output power level at connector RF A (maximum): 47.8 dBm

| | Test cor | ditions | | Frequency margin | to band edge | e at -16 dBm |
|----------------|---------------|----------------------------|----------|-------------------------------|--------------|----------------------------|
| Supply voltage | Temp [°C]. | Carrier Bandwidth [MHz] | | uency Symbolic me Bottom | Test freq | uency Symbolic name Top |
| DC [V] | | | fL | Offset to lower | fH | Offset to upper band |
| | | | [MHz] | band edge (1930 MHz) [kHz] | [MHz] | edge (1990 MHz) [kHz] |
| -48.0 | +20 | 5 | 1932.021 | 21 | 1989.980 | 20 |
| -48.0 | +20 | 20 | 1930.120 | 120 | 1989.873 | 127 |

Band 66A

Rated output power level at connector RF E (maximum): 49 dBm

| | Test conditions | | | Frequency margin to band edge at -16 dBm | | | | |
|----------------|-----------------|----------------------------|-------------|--|-------------|---|--|--|
| Supply voltage | Temp [°C]. | Carrier Bandwidth [MHz] | - | uency Symbolic ne Bottom | Test freq | uency Symbolic name Top | | |
| DC [V] | | | fL [MHz] | Offset to lower band edge (2110 | fH [MHz] | Offset to upper band edge (2180 MHz) | | |
| -48.0 | +20 | 5 | 2110.016 | MHz) [kHz] 16 | 2179.986 | [kHz] 14 | | |
| -48.0 | +20 | 20 | 2110.096 | 96 | 2179.905 | 95 | | |

The frequency error results clearly shows that the frequency stability is good enough to ensure that the transmitted carrier stay within the operating band.

Remark

It was deemed sufficient to test one combination of TX frequency, channel bandwidth configuration and test model (modulation), as all combinations share a common internal reference to derive the TX frequency from.

Limits

CFR 47 §24.235 and §27.54:

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

| Complies? Yes |
|---------------|
|---------------|



Photos of test object



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SE

<image>

Top side





Date 2018-04-23

Reference 8P02716-L

Labels:

KI SE

Radiated measurements:

Test object label:



SFP module Data 1:



SFP module Data 2:





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Conducted measurements:

Test object label:



SFP module Data 1:



SFP module Data 2:

