

## B4\_CH131979\_1.4M\_1RB2\_QPSK\_Ratio



Date: 31.AUG.2020 14:29:31

## B4\_CH131979\_1.4M\_1RB2\_16-QAM\_Ratio



Date: 31.AUG.2020 14:59:32

## B4\_CH131979\_1.4M\_1RB2\_64-QAM\_Ratio



Date: 31.AUG.2020 15:01:03

## B4\_CH132322\_1.4M\_1RB2\_QPSK\_Ratio



Date: 31.AUG.2020 14:26:11

## B4\_CH132322\_1.4M\_1RB2\_16-QAM\_Ratio



Date: 31.AUG.2020 14:25:58

## B4\_CH132322\_1.4M\_1RB2\_64-QAM\_Ratio



Date: 31.AUG.2020 14:25:05

## B4\_CH132655\_1.4M\_1RB2\_QPSK\_Ratio



Date: 31.AUG.2020 15:15:05

## B4\_CH132665\_1.4M\_1RB2\_16-QAM\_Ratio



Date: 31.AUG.2020 15:04:23

## B4\_CH132665\_1.4M\_1RB2\_64-QAM\_Ratio



Date: 31.AUG.2020 15:03:13

## B4\_CH131987\_3M\_1RB7\_QPSK\_Ratio



Date: 31.AUG.2020 15:51:02

## B4\_CH131987\_3M\_1RB7\_16-QAM\_Ratio



Date: 31.AUG.2020 15:49:07

## B4\_CH131987\_3M\_1RB7\_64-QAM\_Ratio



Date: 31.AUG.2020 15:39:09

## B4\_CH132322\_3M\_1RB7\_QPSK\_Ratio



Date: 31.AUG.2020 15:24:10

## B4\_CH132322\_3M\_1RB7\_16-QAM\_Ratio



Date: 31.AUG.2020 15:24:34

## B4\_CH132322\_3M\_1RB7\_64-QAM\_Ratio



Date: 31.AUG.2020 15:24:53

## B4\_CH132657\_3M\_1RB7\_QPSK\_Ratio



Date: 31.AUG.2020 16:02:49

## B4\_CH132657\_3M\_1RB7\_16-QAM\_Ratio



Date: 31.AUG.2020 16:16:53

## B4\_CH132657\_3M\_1RB7\_64-QAM\_Ratio



Date: 31.AUG.2020 16:21:08

## B4\_CH131997\_5M\_1RB12\_QPSK\_Ratio



Date: 31.AUG.2020 16:28:27

## B4\_CH131997\_5M\_1RB12\_16-QAM\_Ratio



Date: 31.AUG.2020 16:29:46

## B4\_CH131997\_5M\_1RB12\_64-QAM\_Ratio



Date: 31.AUG.2020 16:36:00

## B4\_CH132322\_5M\_1RB12\_QPSK\_Ratio



Date: 31.AUG.2020 16:27:24

## B4\_CH132322\_5M\_1RB12\_16-QAM\_Ratio



Date: 31.AUG.2020 16:27:12

## B4\_CH132322\_5M\_1RB12\_64-QAM\_Ratio



Date: 31.AUG.2020 16:25:55

## B4\_CH132647\_5M\_1RB12\_QPSK\_Ratio



Date: 31.AUG.2020 16:51:48

## B4\_CH132647\_5M\_1RB12\_16-QAM\_Ratio



Date: 31.AUG.2020 16:45:11

## B4\_CH132647\_5M\_1RB12\_64-QAM\_Ratio



Date: 31.AUG.2020 16:44:46

## B4\_CH132022\_10M\_1RB24\_QPSK\_Ratio



Date: 31.AUG.2020 17:16:29

## B4\_CH132022\_10M\_1RB24\_16-QAM\_Ratio



Date: 31.AUG.2020 17:16:16

## B4\_CH132022\_10M\_1RB24\_64-QAM\_Ratio



Date: 31.AUG.2020 17:15:52

## B4\_CH132322\_10M\_1RB24\_QPSK\_Ratio



Date: 31.AUG.2020 16:57:37

## B4\_CH132322\_10M\_1RB24\_16-QAM\_Ratio



Date: 31.AUG.2020 16:58:50

## B4\_CH132322\_10M\_1RB24\_64-QAM\_Ratio



Date: 31.AUG.2020 17:09:45

## B4\_CH132622\_10M\_1RB24\_QPSK\_Ratio



Date: 31.AUG.2020 17:16:51

## B4\_CH132622\_10M\_1RB24\_16-QAM\_Ratio



Date: 31.AUG.2020 17:17:08

## B4\_CH132622\_10M\_1RB24\_64-QAM\_Ratio



Date: 31.AUG.2020 17:17:23

## B4\_CH132047\_15M\_1RB37\_QPSK\_Ratio



Date: 31.AUG.2020 17:29:35

## B4\_CH132047\_15M\_1RB37\_16-QAM\_Ratio



Date: 31.AUG.2020 17:30:00

## B4\_CH132047\_15M\_1RB37\_64-QAM\_Ratio



Date: 31.AUG.2020 17:30:15

## B4\_CH132322\_15M\_1RB37\_QPSK\_Ratio



Date: 31.AUG.2020 17:24:33

## B4\_CH132322\_15M\_1RB37\_16-QAM\_Ratio



Date: 31.AUG.2020 17:24:10

## B4\_CH132322\_15M\_1RB37\_64-QAM\_Ratio



Date: 31.AUG.2020 17:23:55

## B4\_CH132597\_15M\_1RB37\_QPSK\_Ratio



Date: 31.AUG.2020 17:45:13

## B4\_CH132597\_15M\_1RB37\_16-QAM\_Ratio



Date: 31.AUG.2020 17:42:00

## B4\_CH132597\_15M\_1RB37\_64-QAM\_Ratio



Date: 31.AUG.2020 17:40:31

## B4\_CH132072\_20M\_1RB49\_QPSK\_Ratio



Date: 31.AUG.2020 17:56:35

## B4\_CH132072\_20M\_1RB49\_16-QAM\_Ratio



Date: 31.AUG.2020 17:56:16

## B4\_CH132072\_20M\_1RB49\_64-QAM\_Ratio



Date: 31.AUG.2020 17:55:01

## B4\_CH132322\_20M\_1RB49\_QPSK\_Ratio



Date: 31.AUG.2020 17:46:55

## B4\_CH132322\_20M\_1RB49\_16-QAM\_Ratio



Date: 31.AUG.2020 17:47:11

## B4\_CH132322\_20M\_1RB49\_64-QAM\_Ratio



Date: 31.AUG.2020 17:47:26

## B4\_CH132572\_20M\_1RB49\_QPSK\_Ratio



Date: 31.AUG.2020 17:59:26

## B4\_CH132572\_20M\_1RB49\_16-QAM\_Ratio



Date: 31.AUG.2020 17:59:50

## B4\_CH132572\_20M\_1RB49\_64-QAM\_Ratio



Date: 31.AUG.2020 18:17:26

|                 |                                 |                |        |
|-----------------|---------------------------------|----------------|--------|
| Product         | Module                          |                |        |
| Test Item       | Peak To Average Ratio           |                |        |
| Test Mode       | Mode 3: LTE Band 5/26 (Part 22) |                |        |
| Date of Test    | 2020/08/28                      | Test Site      | SR12-H |
| Temperature(°C) | 24                              | Humidity (%RH) | 60     |

| BW   | Ch    | Freq.<br>(MHz) | Modulation | Peak<br>(dBm) | Average<br>(dBm) | PAPR<br>(dB) |
|------|-------|----------------|------------|---------------|------------------|--------------|
| 1.4M | 26797 | 824.7          | QPSK       | 25.89         | 21.80            | 4.07         |
|      |       |                | 16-QAM     | 25.89         | 21.42            | 4.43         |
|      |       |                | 64-QAM     | 25.84         | 19.97            | 5.78         |
|      | 26915 | 836.5          | QPSK       | 26.77         | 21.98            | 4.70         |
|      |       |                | 16-QAM     | 26.74         | 21.68            | 5.00         |
|      |       |                | 64-QAM     | 26.70         | 20.17            | 6.50         |
|      | 27033 | 848.3          | QPSK       | 26.64         | 21.96            | 4.65         |
|      |       |                | 16-QAM     | 26.70         | 21.19            | 5.46         |
|      |       |                | 64-QAM     | 26.58         | 19.93            | 6.57         |
| 3M   | 26805 | 825.5          | QPSK       | 25.93         | 21.92            | 4.00         |
|      |       |                | 16-QAM     | 25.92         | 21.51            | 4.41         |
|      |       |                | 64-QAM     | 26.01         | 20.23            | 5.72         |
|      | 26915 | 836.5          | QPSK       | 26.62         | 22.00            | 4.59         |
|      |       |                | 16-QAM     | 26.74         | 21.74            | 5.00         |
|      |       |                | 64-QAM     | 26.58         | 20.33            | 6.20         |
|      | 27025 | 847.5          | QPSK       | 26.82         | 22.02            | 4.76         |
|      |       |                | 16-QAM     | 26.89         | 21.77            | 5.11         |
|      |       |                | 64-QAM     | 26.74         | 20.36            | 6.33         |
| 5M   | 26815 | 826.5          | QPSK       | 25.86         | 21.76            | 4.07         |
|      |       |                | 16-QAM     | 25.85         | 21.41            | 4.46         |
|      |       |                | 64-QAM     | 25.75         | 19.84            | 5.83         |
|      | 26915 | 836.5          | QPSK       | 26.70         | 22.04            | 4.61         |
|      |       |                | 16-QAM     | 26.64         | 21.65            | 5.00         |
|      |       |                | 64-QAM     | 26.85         | 20.46            | 6.37         |
|      | 27015 | 846.5          | QPSK       | 26.83         | 22.07            | 4.72         |
|      |       |                | 16-QAM     | 26.91         | 21.15            | 5.72         |
|      |       |                | 64-QAM     | 26.82         | 20.18            | 6.59         |

| BW  | Ch    | Freq.<br>(MHz) | Modulation | Peak<br>(dBm) | Average<br>(dBm) | PAPR<br>(dB) |
|-----|-------|----------------|------------|---------------|------------------|--------------|
| 10M | 26840 | 829            | QPSK       | 26.14         | 21.91            | 4.15         |
|     |       |                | 16-QAM     | 26.10         | 21.14            | 4.93         |
|     |       |                | 64-QAM     | 26.04         | 20.26            | 5.72         |
|     | 26915 | 836.5          | QPSK       | 26.66         | 21.99            | 4.59         |
|     |       |                | 16-QAM     | 26.68         | 21.70            | 4.93         |
|     |       |                | 64-QAM     | 26.66         | 20.15            | 6.43         |
|     | 26990 | 844            | QPSK       | 26.43         | 21.90            | 4.46         |
|     |       |                | 16-QAM     | 26.51         | 21.66            | 4.78         |
|     |       |                | 64-QAM     | 26.39         | 20.16            | 6.15         |
| 15M | 26865 | 831.5          | QPSK       | 26.32         | 21.90            | 4.41         |
|     |       |                | 16-QAM     | 26.50         | 21.38            | 4.96         |
|     |       |                | 64-QAM     | 26.38         | 20.07            | 6.24         |
|     | 26915 | 836.5          | QPSK       | 26.71         | 22.10            | 4.59         |
|     |       |                | 16-QAM     | 26.77         | 21.23            | 5.50         |
|     |       |                | 64-QAM     | 26.82         | 20.42            | 6.35         |
|     | 26965 | 841.5          | QPSK       | 26.38         | 22.06            | 4.28         |
|     |       |                | 16-QAM     | 26.44         | 21.77            | 4.65         |
|     |       |                | 64-QAM     | 26.38         | 20.17            | 6.13         |

## B26\_CH26797\_1.4M\_1RB2\_QPSK\_Ratio



Date: 29.AUG.2020 17:43:59

## B26\_CH26797\_1.4M\_1RB2\_16-QAM\_Ratio



Date: 29.AUG.2020 17:43:39

## B26\_CH26797\_1.4M\_1RB2\_64-QAM\_Ratio



Date: 29.AUG.2020 17:43:20

## B26\_CH26915\_1.4M\_1RB2\_QPSK\_Ratio



Date: 29.AUG.2020 17:39:51

## B26\_CH26915\_1.4M\_1RB2\_16-QAM\_Ratio



Date: 29.AUG.2020 17:40:57

## B26\_CH26915\_1.4M\_1RB2\_64-QAM\_Ratio



Date: 29.AUG.2020 17:41:23

## B26\_CH27033\_1.4M\_1RB2\_QPSK\_Ratio



Date: 29.AUG.2020 17:44:26

## B26\_CH27033\_1.4M\_1RB2\_16-QAM\_Ratio



Date: 29.AUG.2020 17:44:50

## B26\_CH27033\_1.4M\_1RB2\_64-QAM\_Ratio



Date: 29.AUG.2020 17:45:06

## B26\_CH26805\_3M\_1RB7\_QPSK\_Ratio



Date: 29.AUG.2020 17:53:11

## B26\_CH26805\_3M\_1RB7\_16-QAM\_Ratio



Date: 29.AUG.2020 17:53:29

## B26\_CH26805\_3M\_1RB7\_64-QAM\_Ratio



Date: 29.AUG.2020 17:53:44

## B26\_CH26915\_3M\_1RB7\_QPSK\_Ratio



Date: 29.AUG.2020 17:52:35

## B26\_CH26915\_3M\_1RB7\_16-QAM\_Ratio



Date: 29.AUG.2020 17:52:12

## B26\_CH26915\_3M\_1RB7\_64-QAM\_Ratio



Date: 29.AUG.2020 17:51:34

## B26\_CH27025\_3M\_1RB7\_QPSK\_Ratio



Date: 29.AUG.2020 17:54:42

## B26\_CH27025\_3M\_1RB7\_16-QAM\_Ratio



Date: 29.AUG.2020 17:54:26

## B26\_CH27025\_3M\_1RB7\_64-QAM\_Ratio



Date: 29.AUG.2020 17:54:14

## B26\_CH26815\_5M\_\_1RB12\_QPSK\_Ratio



Date: 29.AUG.2020 17:59:43

## B26\_CH26815\_5M\_1RB12\_16-QAM\_Ratio



Date: 29.AUG.2020 17:59:23

## B26\_CH26815\_5M\_1RB12\_64-QAM\_Ratio



Date: 29.AUG.2020 17:59:09

## B26\_CH26915\_5M\_1RB12\_QPSK\_Ratio



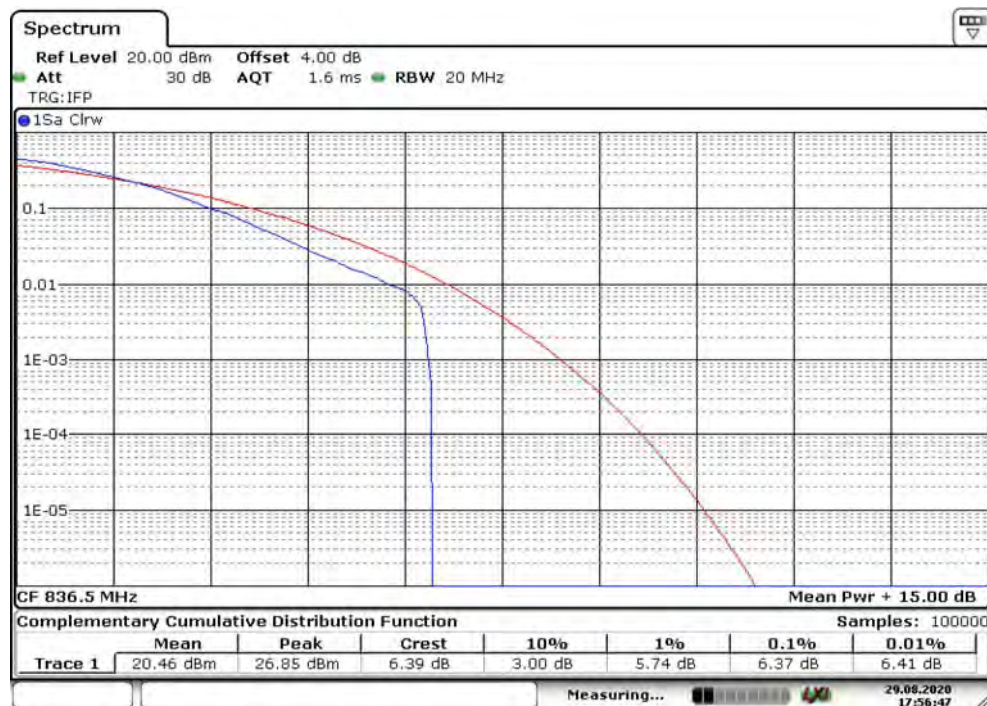
Date: 29.AUG.2020 17:56:15

## B26\_CH26915\_5M\_1RB12\_16-QAM\_Ratio



Date: 29.AUG.2020 17:56:31

## B26\_CH26915\_5M\_1RB12\_64-QAM\_Ratio



Date: 29.AUG.2020 17:56:47

## B26\_CH27015\_5M\_\_1RB12\_QPSK\_Ratio



Date: 29.AUG.2020 18:00:07

## B26\_CH27015\_5M\_1RB12\_16-QAM\_Ratio



Date: 29.AUG.2020 18:00:21

## B26\_CH27015\_5M\_1RB12\_64-QAM\_Ratio



Date: 29.AUG.2020 18:00:40

## B26\_CH26840\_10M\_1RB24\_QPSK\_Ratio



Date: 29.AUG.2020 18:02:24

## B26\_CH26840\_10M\_1RB24\_16-QAM\_Ratio



Date: 29.AUG.2020 18:02:37

## B26\_CH26840\_10M\_1RB24\_64-QAM\_Ratio



Date: 29.AUG.2020 18:02:50

## B26\_CH26915\_10M\_1RB24\_QPSK\_Ratio



Date: 29.AUG.2020 18:01:54

## B26\_CH26915\_10M\_1RB24\_16-QAM\_Ratio



Date: 29.AUG.2020 18:01:37

## B26\_CH26915\_10M\_1RB24\_64-QAM\_Ratio



Date: 29.AUG.2020 18:01:20

## B26\_CH26990\_10M\_1RB24\_QPSK\_Ratio



Date: 29.AUG.2020 18:03:33

## B26\_CH26990\_10M\_1RB24\_16-QAM\_Ratio



Date: 29.AUG.2020 18:03:23

## B26\_CH26990\_10M\_1RB24\_64-QAM\_Ratio



Date: 29.AUG.2020 18:03:08

## B26\_CH26865\_15M\_1RB37\_QPSK\_Ratio



Date: 29.AUG.2020 18:05:55

## B26\_CH26865\_15M\_1RB37\_16-QAM\_Ratio



Date: 29.AUG.2020 18:05:45

## B26\_CH26865\_15M\_1RB37\_64-QAM\_Ratio



## B26\_CH26915\_15M\_1RB37\_QPSK\_Ratio



## B26\_CH26915\_15M\_1RB37\_16-QAM\_Ratio



Date: 29.AUG.2020 18:04:47

## B26\_CH26915\_15M\_1RB37\_64-QAM\_Ratio



Date: 29.AUG.2020 18:05:02

## B26\_CH26965\_15M\_1RB37\_QPSK\_Ratio



Date: 29.AUG.2020 18:08:57

## B26\_CH26965\_15M\_1RB37\_16-QAM\_Ratio



Date: 29.AUG.2020 18:09:16

## B26\_CH26965\_15M\_1RB37\_64-QAM\_Ratio



Date: 29.AUG.2020 18:09:31

|                 |                       |                |        |
|-----------------|-----------------------|----------------|--------|
| Product         | Module                |                |        |
| Test Item       | Peak To Average Ratio |                |        |
| Test Mode       | Mode 4: LTE Band 7    |                |        |
| Date of Test    | 2020/08/28            | Test Site      | SR12-H |
| Temperature(°C) | 24                    | Humidity (%RH) | 60     |

| BW  | Ch    | Freq.<br>(MHz) | Modulation | Peak<br>(dBm) | Average<br>(dBm) | PAPR<br>(dB) |
|-----|-------|----------------|------------|---------------|------------------|--------------|
| 5M  | 20775 | 2502.5         | QPSK       | 24.10         | 20.44            | 3.70         |
|     |       |                | 16-QAM     | 24.12         | 20.09            | 4.07         |
|     |       |                | 64-QAM     | 24.10         | 18.64            | 5.33         |
|     | 21100 | 2535           | QPSK       | 24.93         | 20.57            | 4.37         |
|     |       |                | 16-QAM     | 25.20         | 20.19            | 4.91         |
|     |       |                | 64-QAM     | 24.93         | 18.79            | 6.15         |
|     | 21425 | 2567.5         | QPSK       | 24.11         | 20.21            | 3.91         |
|     |       |                | 16-QAM     | 24.53         | 19.73            | 4.70         |
|     |       |                | 64-QAM     | 24.34         | 18.30            | 5.93         |
| 10M | 20800 | 2505           | QPSK       | 24.44         | 20.53            | 3.87         |
|     |       |                | 16-QAM     | 24.38         | 20.07            | 4.28         |
|     |       |                | 64-QAM     | 24.30         | 18.79            | 5.46         |
|     | 21100 | 2535           | QPSK       | 25.02         | 20.69            | 4.33         |
|     |       |                | 16-QAM     | 25.08         | 20.36            | 4.74         |
|     |       |                | 64-QAM     | 25.10         | 18.76            | 6.28         |
|     | 21400 | 2565           | QPSK       | 24.70         | 20.53            | 4.17         |
|     |       |                | 16-QAM     | 24.29         | 19.57            | 4.74         |
|     |       |                | 64-QAM     | 24.31         | 18.49            | 5.83         |
| 15M | 20825 | 2507.5         | QPSK       | 24.38         | 20.49            | 3.89         |
|     |       |                | 16-QAM     | 24.37         | 20.12            | 4.24         |
|     |       |                | 64-QAM     | 24.33         | 18.69            | 5.61         |
|     | 21100 | 2535           | QPSK       | 24.95         | 20.59            | 4.37         |
|     |       |                | 16-QAM     | 25.02         | 20.24            | 4.76         |
|     |       |                | 64-QAM     | 25.02         | 18.89            | 6.09         |
|     | 21375 | 2562.5         | QPSK       | 24.23         | 20.25            | 4.00         |
|     |       |                | 16-QAM     | 24.27         | 19.88            | 4.41         |
|     |       |                | 64-QAM     | 24.25         | 18.40            | 5.89         |

| BW  | Ch    | Freq.<br>(MHz) | Modulation | Peak<br>(dBm) | Average<br>(dBm) | PAPR<br>(dB) |
|-----|-------|----------------|------------|---------------|------------------|--------------|
| 20M | 20850 | 2510           | QPSK       | 24.54         | 20.35            | 4.15         |
|     |       |                | 16-QAM     | 24.49         | 19.45            | 5.02         |
|     |       |                | 64-QAM     | 24.48         | 18.57            | 5.85         |
|     | 21100 | 2535           | QPSK       | 25.04         | 20.61            | 4.39         |
|     |       |                | 16-QAM     | 25.05         | 20.27            | 4.78         |
|     |       |                | 64-QAM     | 25.16         | 18.88            | 6.26         |
|     | 21350 | 2560           | QPSK       | 24.28         | 20.22            | 4.07         |
|     |       |                | 16-QAM     | 24.32         | 19.34            | 4.98         |
|     |       |                | 64-QAM     | 24.28         | 18.09            | 6.13         |