Appendix E: Test Data for E-UTRA Band 4

Product Name: Tablet pc Trade Mark: N/A Test Model: 10LA1

Environmental Conditions

| Temperature: | 24.2° C |
|--------------------|-----------|
| Relative Humidity: | 53.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Li Huan |
| Supervised by: | Li Huan |

E.1 Conducted Output Power

| | Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz) | | | | | | | | |
|------------|---|--------|------------|---------------------|---------------------|---------|--|--|--|
| Modulation | Channel | RB Con | figuration | Average Power [dBm] | Average Power [dBm] | Verdict | | | |
| Modulation | Channel | Size | Offset | QPSK | 16QAM | verdict | | | |
| | | 1 | 0 | 23.53 | 22.89 | PASS | | | |
| | | 1 | 3 | 23.57 | 22.94 | PASS | | | |
| | | 1 | 5 | 23.34 | 22.70 | PASS | | | |
| | LCH | 3 | 0 | 23.60 | 22.57 | PASS | | | |
| | | 3 | 2 | 23.49 | 22.51 | PASS | | | |
| | | 3 | 3 | 23.44 | 22.46 | PASS | | | |
| | | 6 | 0 | 22.52 | 21.48 | PASS | | | |
| | | 1 | 0 | 23.67 | 22.85 | PASS | | | |
| | | 1 | 3 | 23.84 | 23.02 | PASS | | | |
| QPSK / | | 1 | 5 | 23.70 | 22.89 | PASS | | | |
| 16QAM | MCH | 3 | 0 | 23.68 | 22.57 | PASS | | | |
| TOQAIM | | 3 | 2 | 23.72 | 22.66 | PASS | | | |
| | | 3 | 3 | 23.68 | 22.62 | PASS | | | |
| | | 6 | 0 | 22.84 | 21.63 | PASS | | | |
| | | 1 | 0 | 19.45 | 18.86 | PASS | | | |
| | | 1 | 3 | 19.57 | 18.98 | PASS | | | |
| | | 1 | 5 | 19.51 | 18.93 | PASS | | | |
| | НСН | 3 | 0 | 19.57 | 18.58 | PASS | | | |
| | | 3 | 2 | 19.56 | 18.63 | PASS | | | |
| | | 3 | 3 | 19.58 | 18.62 | PASS | | | |
| | | 6 | 0 | 18.58 | 17.48 | PASS | | | |

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| Conducted Output Power Test Result (Channel Bandwidth: 3 MHz) | | | | | | | |
|---|-----|----------------|----------------------|-----------------------------|------------------------------|---------|--|
| Modulation Channel | | RB Con Size | figuration Offset | Average Power [dBm] QPSK | Average Power [dBm] 16QAM | Verdict | |
| | | 1 | 0 | 23.50 | 22.75 | PASS | |
| | | 1 | 7 | 23.46 | 22.72 | PASS | |
| | | 1 | 14 | 22.97 | 22.25 | PASS | |
| | LCH | 8 | 0 | 22.47 | 21.49 | PASS | |
| | | 8 | 4 | 22.34 | 21.36 | PASS | |
| | | 8 | 7 | 22.19 | 21.18 | PASS | |
| | | 15 | 0 | 22.33 | 21.24 | PASS | |
| | | 1 | 0 | 23.62 | 22.77 | PASS | |
| | МСН | 1 | 7 | 23.95 | 23.09 | PASS | |
| QPSK / | | 1 | 14 | 23.68 | 22.87 | PASS | |
| 16QAM | | 8 | 0 | 22.73 | 21.61 | PASS | |
| IOQAIVI | | 8 | 4 | 22.83 | 21.65 | PASS | |
| | | 8 | 7 | 22.77 | 21.60 | PASS | |
| | | 15 | 0 | 22.62 | 21.58 | PASS | |
| | | 1 | 0 | 19.49 | 18.78 | PASS | |
| | | 1 | 7 | 19.79 | 19.02 | PASS | |
| | | 1 | 14 | 19.54 | 18.83 | PASS | |
| | НСН | 8 | 0 | 18.50 | 17.44 | PASS | |
| | | 8 | 4 | 18.53 | 17.46 | PASS | |
| | | 8 | 7 | 18.59 | 17.47 | PASS | |
| | | 15 | 0 | 18.48 | 17.46 | PASS | |

| Conducted Output Power Test Result (Channel Bandwidth: 5 MHz) | | | | | | | | |
|---|--------------------|----|----------------------|-----------------------------|------------------------------|---------|--|--|
| Modulation | Modulation Channel | | figuration Offset | Average Power [dBm] QPSK | Average Power [dBm] 16QAM | Verdict | | |
| | | 1 | 0 | 23.50 | 22.72 | PASS | | |
| | | 1 | 12 | 23.32 | 22.47 | PASS | | |
| | | 1 | 24 | 22.60 | 21.89 | PASS | | |
| | LCH | 12 | 0 | 22.27 | 21.36 | PASS | | |
| | | 12 | 6 | 22.17 | 21.19 | PASS | | |
| | | 12 | 13 | 21.88 | 20.90 | PASS | | |
| | | 25 | 0 | 22.14 | 21.09 | PASS | | |
| | МСН | 1 | 0 | 23.39 | 22.43 | PASS | | |
| | | 1 | 12 | 23.93 | 22.95 | PASS | | |
| QPSK / | | 1 | 24 | 23.49 | 22.62 | PASS | | |
| 16QAM | | 12 | 0 | 22.53 | 21.59 | PASS | | |
| IUQAIVI | | 12 | 6 | 22.66 | 21.71 | PASS | | |
| | | 12 | 13 | 22.61 | 21.61 | PASS | | |
| | | 25 | 0 | 22.56 | 21.49 | PASS | | |
| | | 1 | 0 | 19.52 | 18.74 | PASS | | |
| | | 1 | 12 | 19.75 | 18.91 | PASS | | |
| | | 1 | 24 | 19.50 | 18.72 | PASS | | |
| | HCH | 12 | 0 | 18.42 | 17.43 | PASS | | |
| | | 12 | 6 | 18.51 | 17.54 | PASS | | |
| | | 12 | 13 | 18.53 | 17.51 | PASS | | |
| | | 25 | 0 | 18.51 | 17.55 | PASS | | |

| | Conducted Output Power Test Result (Channel Bandwidth: 10 MHz) | | | | | | | | |
|--------------------|--|----------------|----------------------|-----------------------------|------------------------------|---------|--|--|--|
| Modulation Channel | | RB Con Size | figuration Offset | Average Power [dBm] QPSK | Average Power [dBm] 16QAM | Verdict | | | |
| | | 1 | 0 | 23.40 | 22.67 | PASS | | | |
| | | 1 | 24 | 22.73 | 21.99 | PASS | | | |
| | | 1 | 49 | 22.08 | 21.36 | PASS | | | |
| | LCH | 25 | 0 | 22.09 | 21.07 | PASS | | | |
| | | 25 | 12 | 21.66 | 20.65 | PASS | | | |
| | | 25 | 25 | 21.48 | 20.46 | PASS | | | |
| | | 50 | 0 | 21.76 | 20.75 | PASS | | | |
| | | 1 | 0 | 23.03 | 22.19 | PASS | | | |
| | | 1 | 24 | 23.76 | 22.97 | PASS | | | |
| QPSK / | | 1 | 49 | 23.04 | 22.29 | PASS | | | |
| 16QAM | MCH | 25 | 0 | 22.38 | 21.34 | PASS | | | |
| IUQAIVI | | 25 | 12 | 22.56 | 21.51 | PASS | | | |
| | | 25 | 25 | 22.42 | 21.40 | PASS | | | |
| | | 50 | 0 | 22.36 | 21.34 | PASS | | | |
| | | 1 | 0 | 20.26 | 19.55 | PASS | | | |
| | | 1 | 24 | 19.70 | 19.02 | PASS | | | |
| | | 1 | 49 | 19.46 | 18.77 | PASS | | | |
| | HCH | 25 | 0 | 18.96 | 17.93 | PASS | | | |
| | | 25 | 12 | 18.64 | 17.63 | PASS | | | |
| | | 25 | 25 | 18.65 | 17.63 | PASS | | | |
| | | 50 | 0 | 18.76 | 17.77 | PASS | | | |

| Conducted Output Power Test Result (Channel Bandwidth: 15 MHz) | | | | | | | | |
|--|-----|----------------|----------------------|-----------------------------|------------------------------|---------|--|--|
| Modulation Channel | | RB Con Size | figuration Offset | Average Power [dBm] QPSK | Average Power [dBm] 16QAM | Verdict | | |
| | | 1 | 0 | 23.26 | 22.51 | PASS | | |
| | | 1 | 37 | 22.41 | 21.61 | PASS | | |
| | | 1 | 74 | 22.23 | 21.42 | PASS | | |
| | LCH | 37 | 0 | 21.80 | 20.79 | PASS | | |
| | | 37 | 18 | 21.41 | 20.38 | PASS | | |
| | | 37 | 38 | 21.42 | 20.33 | PASS | | |
| | | 75 | 0 | 21.61 | 20.55 | PASS | | |
| | | 1 | 0 | 22.62 | 21.59 | PASS | | |
| | МСН | 1 | 37 | 23.99 | 22.91 | PASS | | |
| | | 1 | 74 | 22.30 | 21.47 | PASS | | |
| QPSK / 16QAM | | 37 | 0 | 22.35 | 21.25 | PASS | | |
| IOQAIVI | | 37 | 18 | 22.69 | 21.60 | PASS | | |
| | | 37 | 38 | 22.38 | 21.25 | PASS | | |
| | | 75 | 0 | 22.40 | 21.21 | PASS | | |
| | | 1 | 0 | 21.67 | 20.84 | PASS | | |
| | | 1 | 37 | 20.09 | 19.34 | PASS | | |
| | | 1 | 74 | 19.43 | 18.75 | PASS | | |
| | НСН | 37 | 0 | 20.08 | 19.05 | PASS | | |
| | | 37 | 18 | 19.11 | 18.11 | PASS | | |
| | | 37 | 38 | 18.69 | 17.63 | PASS | | |
| | | 75 | 0 | 19.43 | 18.40 | PASS | | |

| Conducted Output Power Test Result (Channel Bandwidth: 20 MHz) | | | | | | | |
|--|-----|----------------|----------------------|-----------------------------|------------------------------|---------|--|
| Modulation Channel | | RB Con Size | figuration Offset | Average Power [dBm] QPSK | Average Power [dBm] 16QAM | Verdict | |
| | | 1 | 0 | 23.14 | 22.32 | PASS | |
| | | 1 | 49 | 22.37 | 21.51 | PASS | |
| | | 1 | 99 | 23.00 | 22.03 | PASS | |
| | LCH | 50 | 0 | 21.45 | 20.38 | PASS | |
| | | 50 | 25 | 21.30 | 20.25 | PASS | |
| | | 50 | 50 | 21.62 | 20.56 | PASS | |
| | | 100 | 0 | 21.60 | 20.55 | PASS | |
| | МСН | 1 | 0 | 22.12 | 21.34 | PASS | |
| | | 1 | 49 | 23.87 | 23.02 | PASS | |
| | | 1 | 99 | 21.31 | 20.61 | PASS | |
| QPSK / | | 50 | 0 | 21.99 | 20.97 | PASS | |
| 16QAM | | 50 | 25 | 22.42 | 21.41 | PASS | |
| | | 50 | 50 | 21.83 | 20.85 | PASS | |
| | | 100 | 0 | 21.92 | 20.84 | PASS | |
| | | 1 | 0 | 22.93 | 22.11 | PASS | |
| | | 1 | 49 | 20.50 | 19.81 | PASS | |
| | | 1 | 99 | 19.11 | 18.47 | PASS | |
| | НСН | 50 | 0 | 21.31 | 20.31 | PASS | |
| | | 50 | 25 | 19.75 | 18.73 | PASS | |
| | | 50 | 50 | 18.89 | 17.84 | PASS | |
| | | 100 | 0 | 20.36 | 19.33 | PASS | |

E.2 Peak-to-Average Ratio

| | Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz) | | | | | | | |
|------------|--|-----------------------|-------|---------|--|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | | |
| MODULATION | Channel | [dB] | [dB] | Verdict | | | | |
| | LCH | 4.94 | <13 | PASS | | | | |
| QPSK | MCH | 4.02 | <13 | PASS | | | | |
| | НСН | 5.25 | <13 | PASS | | | | |
| | LCH | 5.88 | <13 | PASS | | | | |
| 16QAM | MCH | 4.98 | <13 | PASS | | | | |
| | НСН | 6.17 | <13 | PASS | | | | |

| | Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz) | | | | | | | |
|------------|--|-----------------------|-------|---------|--|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | | |
| wouldton | Channel | [dB] | [dB] | Verdict | | | | |
| | LCH | 5.19 | <13 | PASS | | | | |
| QPSK | MCH | 4.41 | <13 | PASS | | | | |
| | НСН | 5.45 | <13 | PASS | | | | |
| | LCH | 6.1 | <13 | PASS | | | | |
| 16QAM | MCH | 5.25 | <13 | PASS | | | | |
| | НСН | 6.28 | <13 | PASS | | | | |

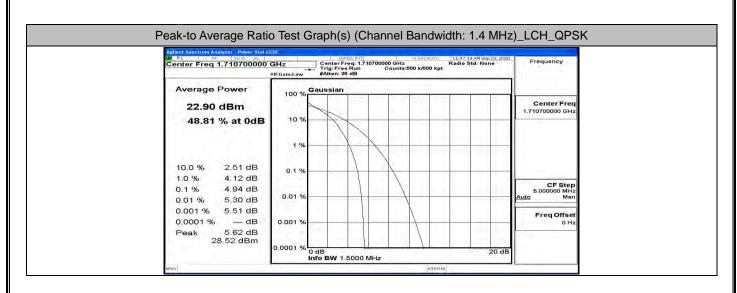
| | Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz) | | | | | | | |
|------------|--|-----------------------|-------|---------|--|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | | |
| Modulation | Channer | [dB] | [dB] | Verdict | | | | |
| | LCH | 5.27 | <13 | PASS | | | | |
| QPSK | MCH | 4.39 | <13 | PASS | | | | |
| | НСН | 5.54 | <13 | PASS | | | | |
| | LCH | 6 | <13 | PASS | | | | |
| 16QAM | MCH | 5.24 | <13 | PASS | | | | |
| | НСН | 6.29 | <13 | PASS | | | | |

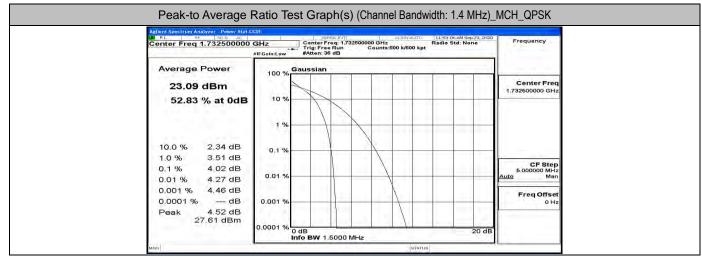
| | Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz) | | | | | | | | |
|------------|---|-----------------------|-------|---------|--|--|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | | | |
| Modulation | Ghannei | [dB] | [dB] | Verdict | | | | | |
| | LCH | 5.43 | <13 | PASS | | | | | |
| QPSK | MCH | 4.57 | <13 | PASS | | | | | |
| | НСН | 5.57 | <13 | PASS | | | | | |
| | LCH | 6.15 | <13 | PASS | | | | | |
| 16QAM | MCH | 5.39 | <13 | PASS | | | | | |
| | НСН | 6.31 | <13 | PASS | | | | | |

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| | Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz) | | | | | | | |
|------------|---|-----------------------|-------|---------|--|--|--|--|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict | | | | |
| Modulation | Channel | [dB] | [dB] | Verdict | | | | |
| | LCH | 5.12 | <13 | PASS | | | | |
| QPSK | MCH | 4.89 | <13 | PASS | | | | |
| | НСН | 5.11 | <13 | PASS | | | | |
| | LCH | 6.27 | <13 | PASS | | | | |
| 16QAM | MCH | 5.96 | <13 | PASS | | | | |
| | НСН | 6.22 | <13 | PASS | | | | |

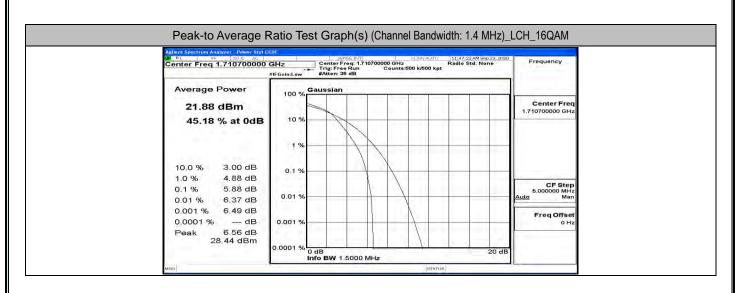
| | Peak-to Average Rat | tio Test Result (Channel | Bandwidth: 20 MHz) | |
|------------|---------------------|--------------------------|--------------------|---------|
| Modulation | Channel | Peak-to-Average Ratio | Limit | Verdict |
| Modulation | onannor | [dB] | [dB] | Vordiot |
| | LCH | 5.84 | <13 | PASS |
| QPSK | MCH | 5.73 | <13 | PASS |
| | НСН | 5.84 | <13 | PASS |
| | LCH | 6.81 | <13 | PASS |
| 16QAM | MCH | 6.54 | <13 | PASS |
| | НСН | 6.69 | <13 | PASS |

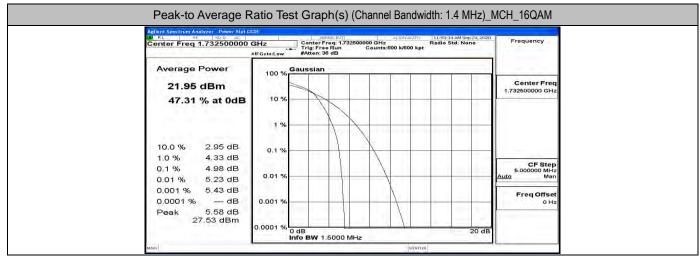




| LW RL RF 50 Q AC | | SENSE:INT | ALIGNAUTO | 11:58:57 AM Sep 23, 2020 | 1 |
|--|---------------|---|-----------|--------------------------|--|
| Center Freq 1.754300000 | Tri | nter Freq: 1.75430 g: Free Run ten: 36 dB | | Radio Std: None | Frequency |
| Average Power | 100 % Gaus | sian | | | |
| 18.91 dBm | | | | | Center Freq 1.754300000 GHz |
| 48.15 % at 0dB | 10 % | | | | |
| | 1 % | | x | | |
| 10.0 % 2.52 dB | 0.1 % | | | | |
| 1.0 % 4.25 dB 0.1 % 5.25 dB 0.01 % 5.83 dB | 0.01 % | | | | CF Step 5.000000 MHz <u>Auto</u> Man |
| 0.001 % 6.22 dB 0.0001 % dB | 0.001 % | | | | Freq Offset 0 Hz |
| Peak 6.48 dB | | | | | |
| Peak 6.48 dB | 0.0001 % 0 dB | W 1.5000 MHz | | 20 dB | 01 |

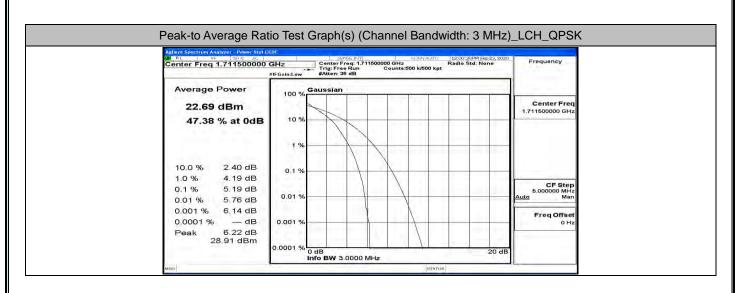
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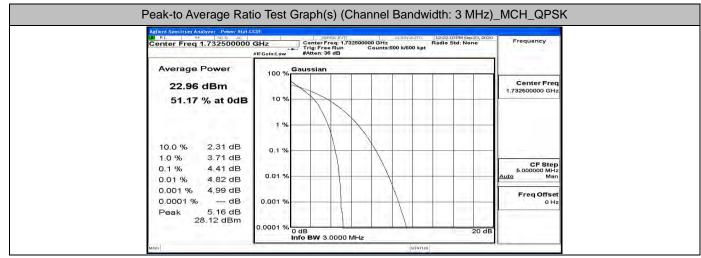




| NU RL RF 50 Q AC | SENSE SENSE | | ALIGNAUTO 111 | 9:06 AM Sup 23, 2020 | |
|--|--------------------------|----------------------------------|---------------|----------------------|--------------------------------|
| Center Freq 1.754300000 | Trig: Free F | : 1.754300000 GHz un Counts:5 | 00 k/500 kpt | o Std: None | Frequency |
| Concerns Stretch | #IFGain:Low #Atten: 36 d | | | | |
| Average Power | 100 % Gaussian | | | 1 | |
| 17.91 dBm | | | | | Center Freq 1.754300000 GHz |
| 44.95 % at 0dB | 10 % | _ | | _ | 1.70400000 GHZ |
| 100000000000000000000000000000000000000 | X | | | | |
| | 1 % | | | | |
| and a second | | | | | |
| 10.0 % 2.98 dB | 0.1 % | | | | |
| 1.0 % 4.94 dB | | | | | CF Step |
| 0.1 % 6.17 dB | 0.01 % | | | | 5.000000 MHz Auto Man |
| 0.01 % 6.83 dB 0.001 % 7.36 dB | | | | | |
| 0.0001 % dB | 0.001 % | | | | Freq Offset 0 Hz |
| Peak 7.49 dB | 2222 | | | | |
| 25.40 dBm | 0.0001.0/ | | | 4 | |
| | 0.0001 % 0 dB | 00 MHz | | 20 dB | |
| the state of the s | | | STATUS | | |

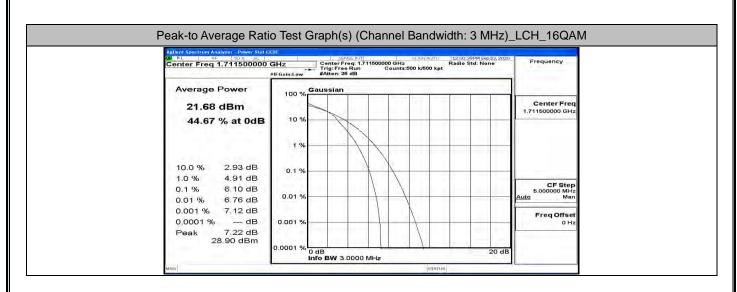
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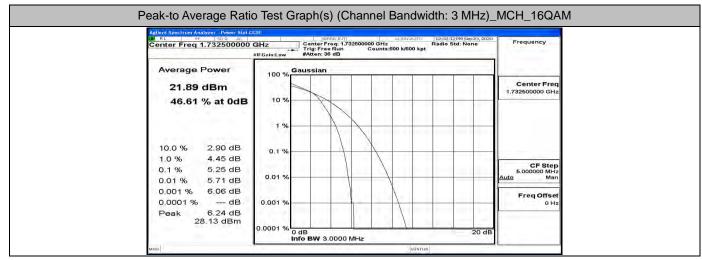




| Center Freq 1.753500000 GHz Center Freq 1.753500000 GHz Radio Std: None Average Power 18.85 dBm 00 % Center Freq 1.75350000 GHz Center Freq 1.75350000 GHz 100 % Gaussian 00 % Center Freq 1.753500000 GHz Center Freq 1.753500000 GHz 100 % Gaussian 00 % Center Freq 1.753500000 GHz Center Freq 1.753500000 GHz 100 % Gaussian 0.0 % Center Freq 1.753500000 GHz Center Freq 1.753500000 GHz 100 % 0.00 % 0.01 % 0.1 % Center Freq 1.753500000 GHz Center Freq 1.753500000 GHz 10.0 % 2.40 dB 0.1 % 0.1 % CF 6tep 5.000000 GHz CF 6tep 5.000000 GHz 0.01 % 0.01 % 0.01 % 0.001 % OHz OHz OHz Peak 7.22 dB 0.0001 % 0 dB 20 dB OHz OHz | Trig: Free Run Counts:500 k/500 kpt | and the second |
|--|-------------------------------------|--|
| 18.85 dBm 100 % Center Freq 18.85 dBm 10 % 10 % 10.0 % 2.40 dB 10 % 1 % 10.0 % 2.40 dB 0.1 % 1 % 10.0 % 4.30 dB 0.1 % 0.1 % 0.1 % 5.45 dB 0.01 % 0.01 % 0.001 % 6.25 dB 0.01 % Freq Offset 0.0001 % - dB 0.001 % 0.01 % | | |
| 18.85 dBm Center Freq 46.90 % at 0dB 10 % 10.0 % 2.40 dB 10 % 1.0 % 4.30 dB 0.1 % 0.1 % 5.45 dB 0.01 % 0.001 % 6.25 dB 0.01 % 0.001 % 6.25 dB 0.01 % 0.001 % 7.22 dB 0.001 % | Average Power Gaussian | |
| 10.0 % 2.40 dB 1.0 % 4.30 dB 0.1 % 5.45 dB 0.01 % 6.25 dB 0.001 % 6.94 dB 0.0001 % - dB 0.001 % 0.001 % | 18.85 dBm | |
| 10.0 % 2.40 dB 0.1 % 1.0 % 4.30 dB 0.1 % 0.1 % 5.45 dB 0.01 % 0.01 % 6.25 dB 0.01 % 0.001 % - dB 0.001 % Peak 7.22 dB 0.01 % | 46.90 % at 0dB | |
| 10.0 % 2.40 dB 0.1 % 1.0 % 4.30 dB 0.1 % 0.1 % 5.45 dB 0.01 % 0.01 % 6.25 dB 0.01 % 0.001 % 6.94 dB 0.001 % 0.0001 % - dB 0.001 % Peak 7.22 dB 0 | 1 % | |
| 1.0 % 4.30 dB 0.1 % 0.1 % 0.1 % 5.45 dB 0.01 % 0.01 % 0.01 % 6.25 dB 0.01 % 0.01 % 0.001 % 6.94 dB 0.001 % Freq Offset 0.0001 % | 10.0 Y 3.40 dB | |
| 0.01 % 5.45 dB 5.00000 Mire 0.01 % 6.25 dB 0.01 % 4 dB 0.001 % Freq Offset 0.0001 % dB 0.001 % dB 0.000 % | 0.1% | |
| 0.0001 % dB 0.001 % | 0.04.82 | 000000 MHz |
| 0.0001 % dB 0.001 % 0Hz | 0.001 % 6.94 dB | reg Offset |
| 26.07 dBm | 0.0001 % dB 0.001 % | |
| | 26.07 dBm | |

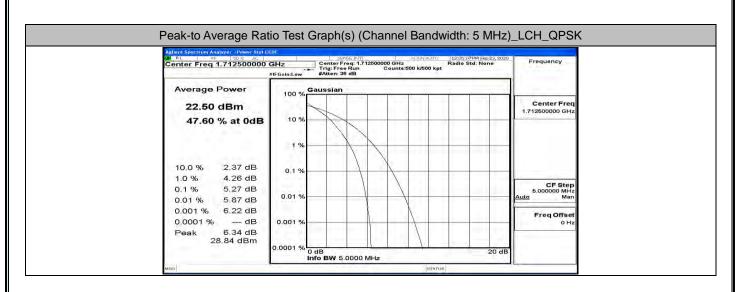
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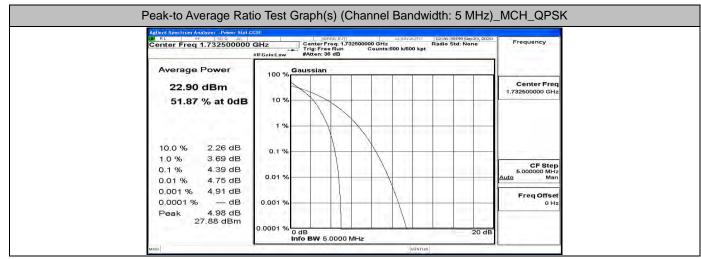




| Center Freq 1.753500000 | 0 GHz Center Freq: 1.75 Trig: Free Run | ALIGNAUTO 1 3500000 GHz Ri Counts:500 k/500 kpt | 2:09:44 PM Sep 23, 2020 Idio Std: None | Frequency |
|--|---|---|---|-------------------------------------|
| Average Power | #IFGain:Low #Atten: 36 dB | Jurgertani ge | - 1 | |
| 17.86 dBm 44.35 % at 0dB | 100 % | | | Center Freq 1.753500000 GHz |
| 10.0 % 2.91 dB 1.0 % 4.95 dB | 0.1 % | | | |
| 0.1 % 6.28 dB 0.01 % 7.04 dB 0.001 % 7.52 dB | 0.01 % | | | CF Step 5.000000 MHz Auto Man |
| 0.0001 % dB Peak 7.87 dB | 0.001 % | | | Freq Offset 0 Hz |
| 25.73 dBm | 0.0001 % 0 dB | | 20 dB | |

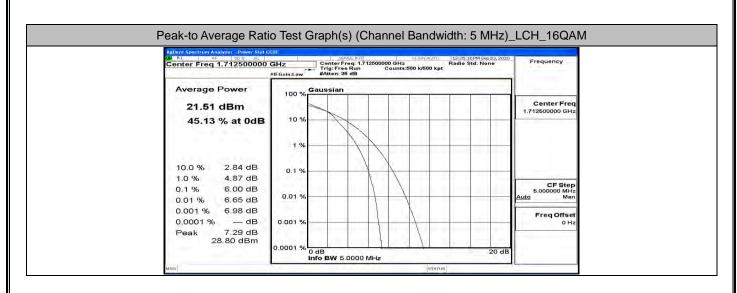
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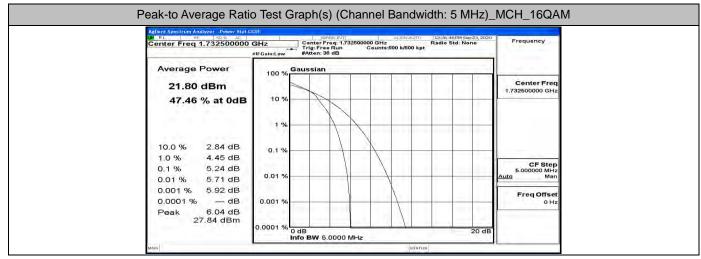




| Center Freq 1.752500000 | ROF CAR | sense init ter Freq: 1.752500000 | ALIGNAUTO | 12:08:12 PM Sep 23, 2020 Radio Std: None | Frequency |
|---------------------------------|---------|---------------------------------------|--------------------|---|-------------------------------------|
| | Trig | Free Run Co an: 36 dB | unts:500 k/500 kpt | Radio Sta, None | A STREET |
| Average Power | Gauss | lan | | | |
| 18.94 dBm | 100 % | | | | Center Freq 1.752500000 GHz |
| 46.89 % at 0dB | 10 % | | | | |
| 1 | 1 % | XX | | | |
| 10.0 % 2.38 dB | 0.4.04 | | | | |
| 1.0 % 4.37 dB | 0.1 % | | | 1 - 1 - 1 - 1 - 1 - 1 | |
| 0.1 % 5.54 dB 0.01 % 6.26 dB | 0.01 % | | | | CF Step 5.000000 MHz Auto Man |
| 0.001 % 6.75 dB | 1.146 | | Ň | | Freq Offset |
| 0.0001 % dB | 0.001 % | | \rightarrow | | 0 Hz |
| Peak 7.50 dB | | 1 1 | 1 | | 1 |

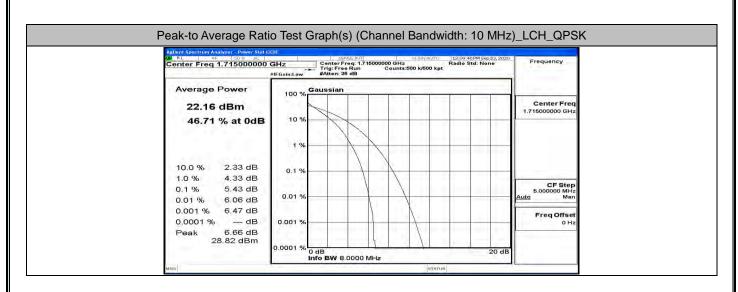
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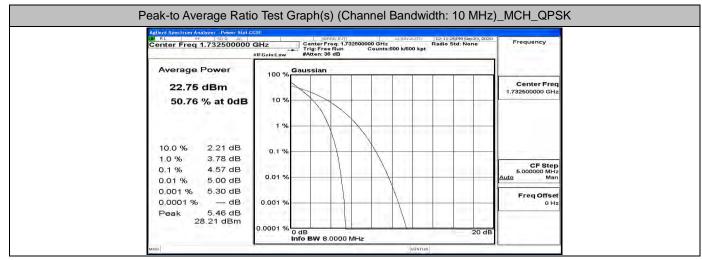




| Center Freq 1.752500000 GHz Center Freq: 1.752500000 GHz Radio Std: None #IF Gain: Low #IF Gain: Low Center Freq: 1.752500000 GHz Center Freq: 1.752500000 GHz Average Power 100 % Center Freq: 1.752500000 GHz Center Freq: 1.752500000 GHz | Frequency |
|--|-------------------------------------|
| Average Power | |
| | |
| 17.93 dBm | Center Freq 1.752500000 GHz |
| 44.78 % at 0dB | |
| 1 % | |
| 10.0 % 2.84 dB 0.1 % | |
| 0.1 % 6.29 dB | CF Step 5.000000 MHz Auto Man |
| 0.001 % 7.32 dB | Freq Offset 0 Hz |
| Peak 7.62 dB 25.55 dBm 0.0001 % 0 dB 20 dB | |

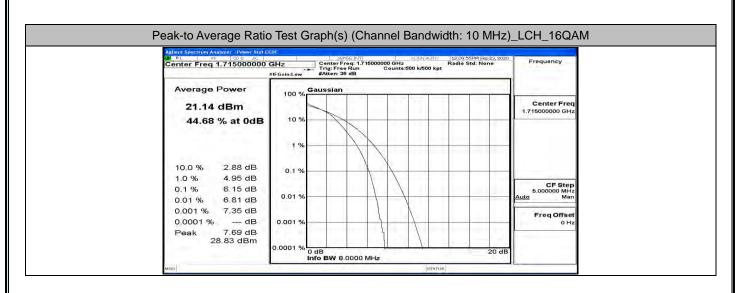
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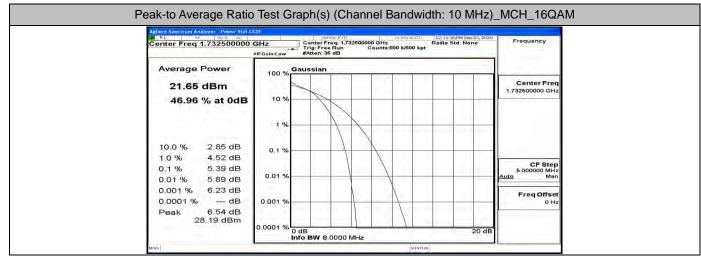




| Trig: Fre | | GHz ounts:500 k/500 l | Radio Std: None | Frequency |
|--------------------|---|--------------------------------|-------------------------------|---|
| Gain:Low #Atten: 3 | 36 dB | SUNTS:000 \$7000 1 | крт. | |
| 100 % Gaussian | | | | |
| | | | | Center Freq 1.750000000 GHz |
| 10 % | | | | |
| 1 % | | | | |
| | $ \rangle$ | | | |
| 0.1 % | + + + - + + + + + + + + + + + + + + + + | \langle | | |
| 0.01 % | | \backslash | | CF Step 5.000000 MHz Auto Man |
| 10.0 | | X | | Freq Offset |
| 0.001 % | | \rightarrow | | - 0 Hz |
| | 1 | | | |
| 0 | 100 % 10 % 1 % 0.1 % | 10 % 1 % 0.1 % 0.01 % | 100 % 10 % 1 % 0.1 % | 100 % 10 % 1 % 0.1 % 0.01 % |

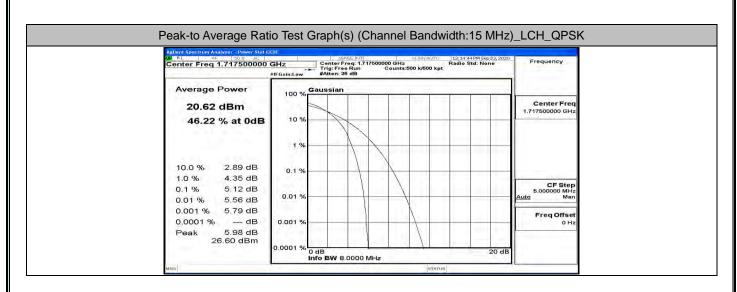
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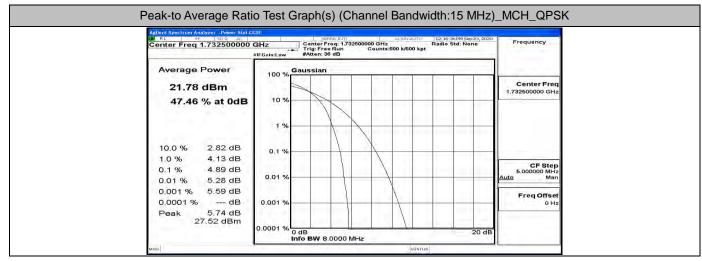




| Average Power 100 % Gaussian Counts doe kpt Counts doe kpt 10.0 % 2.86 dB 10 % <th>RL RF 50 Q AC</th> <th></th> <th>NSEINT</th> <th>ALIGNAUTO 11</th> <th>:13:05 PM Sep 23, 2020</th> <th>Engeliantes</th> | RL RF 50 Q AC | | NSEINT | ALIGNAUTO 11 | :13:05 PM Sep 23, 2020 | Engeliantes |
|--|--|-----------|--------------|---------------|------------------------|--------------|
| Average Power 100 % Gaussian Center Freq 1.75000000 GHz 44.30 % at 0dB 10 % 10 % 10 % 10.0 % 2.86 dB 10 % 10 % 10.0 % 5.02 dB 0.1 % 0.1 % 0.1 % 6.31 dB 0.01 % 0.01 % 0.001 % 7.84 dB 0.001 % Freq Offset | Center Freq 1.75000000 | Trig: Fre | e Run Counts | 500 k/500 kpt | dio Std: None | Frequency |
| 18.19 dBm 100 % Center Freq 44.30 % at 0dB 10 % 10 % 10.0 % 2.86 dB 10 % 1.0 % 5.02 dB 0.1 % 0.1 % 6.31 dB 0.01 % 0.001 % 7.19 dB 0.01 % 0.001 % - dB 0.001 % | Average Power | Gauesian | | | | |
| 10.0 % 2.86 dB 0.1 % 10.0 % 5.02 dB 0.1 % 0.1 % 6.31 dB 0.01 % 0.01 % 7.19 dB 0.01 % 0.001 % 7.84 dB 0.001 % 0.0001 % - dB 0.001 % | 1. 이번 전에 방송하는 | 100 % | | | | |
| 0.001 % 7.19 dB 0.001 % 7.84 dB 0.0001 % | 10.0 % 2.86 dB 1.0 % 5.02 dB 0.1 % 6.31 dB | 0.1 % | | | | 5.000000 MHz |
| | 0.001 % 7.84 dB | | | | | Freq Offset |

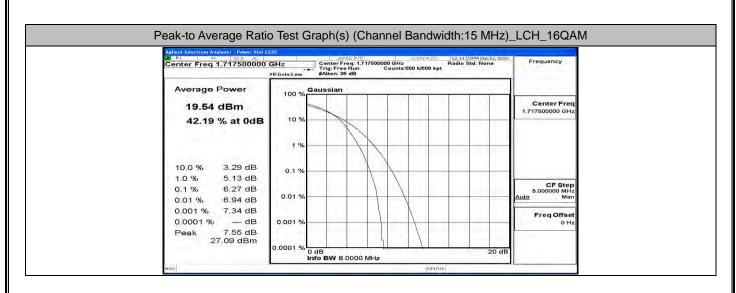
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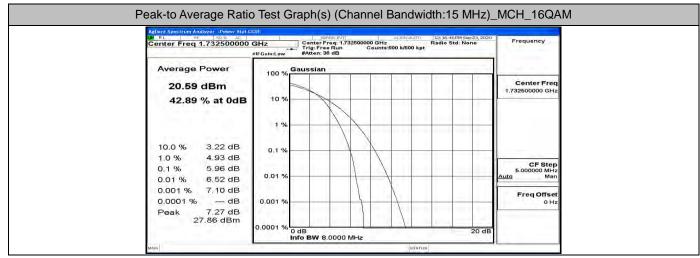




| Center Freq 1.747500000 GHz Center Freq 1.747500000 GHz Frequency Average Power 100 % Gaussian Center Freq 100 % 100 % Center Freq Center Freq 100 % 10 % 10 % Center Freq 10 % 10 % 1 % Center Freq |
|--|
| 18.34 dBm Center Fre 45.99 % at 0dB 10 % |
| 18.34 dBm Center Fre 45.99 % at 0dB 10 % |
| |
| 1 % |
| |
| 10.0 % 2.92 dB |
| 10.0 % 2.92 dB 0.1 % |
| 0.1 % 5.11 dB 0.01 % CF Ste Ste CF St |
| 0.001 % 5.86 dB |
| 0.0001 % dB 0.001 % |
| Peak 6.05 dB 24.39 dB 0.0001 % 0 dB 20 dB |

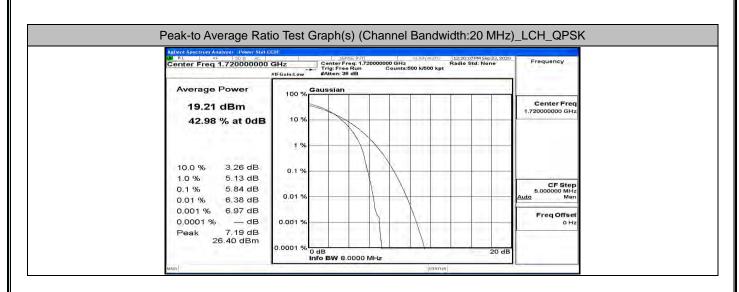
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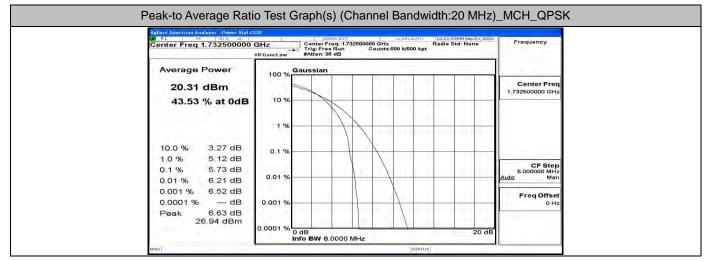




| Center Freq 1.747500000 GHz Frequer Center Freq 1.747500000 GHz Frequer Center Freq 1.747500000 GHz Frequer Average Power 100 % 17.28 dBm 100 % Center 10 % 10 % 10 % 1 % 1 % 1 % | er Freq |
|---|---------|
| Average Power Gaussian 17.28 dBm 100 % 42.14 % at 0dB 10 % | |
| 17.28 dBm 42.14 % at 0dB | |
| | |
| 1 % | |
| | |
| 10.0 % 3.29 dB 0.1 % | |
| 1.0 % 5.13 dB 0.1 % 6.22 dB 0.01 % 6.94 dB 0.01 % | F Step |
| 0.001 % 7.31 dB | offset |
| Peak 7.42 dB 24.70 dBm | 0 Hz |

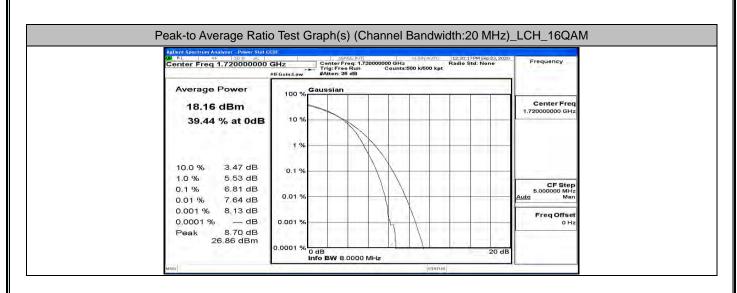
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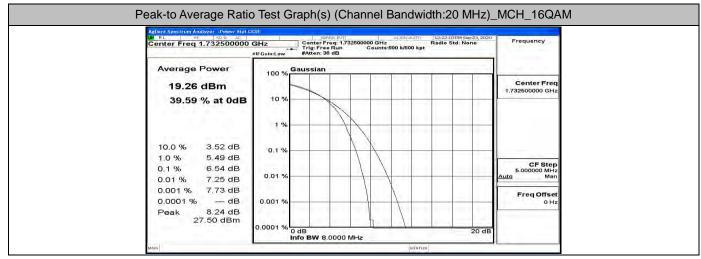




| RL RF SD Q AC | end) F SENSE: | | IGNAUTO 12:2 | 9:41 PM Sep 23, 2020 | |
|--------------------------------|----------------------------------|---------------------------------|--------------|----------------------|--------------------------------|
| Center Freq 1.745000000 | GHz #IFGain:Low #Atten: 36 dB | 1.745000000 GHz n Counts:500 | k/500 kpt | Std: None | Frequency |
| - Mariana Ethologi | The second | | | | |
| Average Power | 100 % Gaussian | | | 1 | |
| 17.52 dBm | | | | 1.2111 | Center Freq 1.745000000 GHz |
| 42.86 % at 0dB | 10 % | | | | |
| | | | | | |
| | 1 % | | | | |
| | | | | | |
| 10.0 % 3.30 dB | 0.1 % | | | | |
| 1.0 % 5.16 dB 0.1 % 5.84 dB | | | | | CF Step 5.000000 MHz |
| 0.01 % 6.41 dB | 0.01 % | | | - | Auto Man |
| 0.001 % 6.80 dB | Long to the second | | | | Freq Offset |
| 0.0001 % dB | 0.001 % | | × _ _ | | 0 Hz |
| Peak 7.21 dB | | | | | |
| 24.73 dBm | 0.0001 % 0 dB | | | ني الساد | |
| | 0 dB Info BW 8.00 | DO MHZ | | 20 dB | 1 h |

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| Center Freq 1.745000000 GHz Center Freq 1.745000000 GHz Radio Std: None Average Power 16.48 dBm 39.57 % at 0dB 100 % Gaussian Center Freq 1.746000000 GHz Center Freq 1.746000000 GHz 10.0 % 3.52 dB 10 % 0.1 % 0.1 % Std: None Center Freq 1.746000000 GHz Center Freq 1.74600000 GHz Center Freq 1.746000000 GHz 10.0 % 3.52 dB 0.1 % 0.1 % CF Step 5.000000 GHz 0.01 % 0.01 % 0.01 % 0.01 % CF Step 5.000000 MHz 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % OHz | LW RL RF SDQ AC | RADIT | SENSEINT | AL | | :29:51 PM Sep 23, 2020 | Tananana |
|---|--|---------------|----------------|---------------------------|-----------|------------------------|--------------|
| Average Power Gaussian 16.48 dBm 100 % 39.57 % at 0dB 10 % 10.0 % 3.52 dB 1.0 % 5.57 dB 0.1 % 6.69 dB 0.01 % 7.39 dB 0.001 % 7.97 dB 0.001 % 0.001 % Peak 8.15 dB | Center Freq 1.745000000 | | Trig: Free Run | 5000000 GHz Counts:500 | k/500 kpt | lio Std: None | Frequency |
| 16.48 dBm 100 % Center Freq 39.57 % at 0dB 10 % 10 % 10.0 % 3.52 dB 10 % 1 % 10.0 % 5.57 dB 0.1 % 1 % 0.1 % 6.69 dB 0.1 % 0.1 % 0.01 % 7.39 dB 0.01 % 0.1 % 0.001 % 7.97 dB 0.001 % Freq Offset 0.0001 % - dB 0.001 % 0 Hz | | 1 | | | | - | |
| 10.4 do dBm 1.74500000 GHz 39.57 % at 0dB 10 % 10.0 % 3.52 dB 10 % 1 % 1 % 10.0 % 5.57 dB 0.1 % 0.01 % 6.69 dB 0.1 % 0.001 % 7.39 dB 0.01 % 0.001 % 7.97 dB 0.01 % 0.0001 % - dB 0.001 % Peak 8.15 dB 24 62 dFm | Average Power | 100 % Ga | ussian | | 1 | 1 | |
| 10.0 % 3.52 dB 1% 10.0 % 5.57 dB 0.1 % 0.1 % 6.69 dB 0.01 % 0.01 % 7.39 dB 0.01 % 0.001 % 97 dB 0.001 % 0.0001 % 08 0.01 % Peak 8.15 dB 0.01 % | 16.48 dBm | Page 1 | | | 1.1.1 | | |
| 10.0 % 3.52 dB 0.1 % CF Step 1.0 % 5.57 dB 0.1 % 0.1 % 0.1 % 6.69 dB 0.01 % 0.01 % 0.001 % 7.39 dB 0.01 % 0.01 % 0.001 % - dB 0.001 % Freq Offset 0.0001 % - dB 0.001 % 0 Hz | 39.57 % at 0dB | 10 % | | | | | |
| 10.0 % 3.52 dB 0.1 % 1.0 % 5.57 dB 0.1 % 0.1 % 6.69 dB 0.01 % 0.01 % 7.39 dB 0.01 % 0.001 % 7.97 dB 0.001 % 0.0001 % - dB 0.001 % Peak 8.15 dB 0.001 % | | | 1 | | | | |
| 10.0 % 3.52 dB 0.1 % 1.0 % 5.57 dB 0.1 % 0.1 % 6.69 dB 0.01 % 0.01 % 7.39 dB 0.01 % 0.001 % 7.97 dB 0.001 % 0.0001 % - dB 0.001 % Peak 8.15 dB 0.42 | | 1 % | | | | | |
| 1.0 % 5.57 dB 0.1 % CF Step 0.1 % 6.69 dB 0.01 % 0.01 % 0.01 % 7.39 dB 0.01 % 0.01 % 0.001 % 7.97 dB 0.001 % Freq Offset 0.0001 % - dB 0.001 % 0.001 % Peak 8.15 dB 0.001 % 0.01 % | And the second s | | | | | | |
| 0.1 % 6.69 dB 0.01 % 7.39 dB 0.001 % 7.97 dB 0.0001 % - dB 0.001 % Peak 8.15 dB 24 63 dBm | | 0.1 % | | | | | |
| 0.01 % 7.39 dB 0.001 % 7.97 dB 0.0001 % - dB 0.001 % - HE Peak 8.15 dB 24 63 dB | 0.1 % 6.69 dB | 1.50.6 | Hand the | | | | 5.000000 MHz |
| 0.0001 % — dB 0.001 % 0Hz | | 0.01 % | | | | | Auto Man |
| Peak 8.15 dB | | in the second | | | | | Freq Offset |
| 24.63 dBm | | 0.001 % | | | | | 0 Hz |
| | | しててに | | | | | |

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E.3 26dB Bandwidth and Occupied Bandwidth

| | EBW & OBW Te | st Result (Channel Band | width: 1.4 MHz) | |
|------------|--------------|-------------------------|-----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| MODULATION | Channer | (MHz) | (MHz) | Verdict |
| | LCH | 1.0769 | 2.800 | PASS |
| QPSK | MCH | 1.0795 | 1.226 | PASS |
| | НСН | 1.0767 | 1.226 | PASS |
| | LCH | 1.0785 | 1.226 | PASS |
| 16QAM | MCH | 1.0793 | 1.232 | PASS |
| | НСН | 1.0761 | 1.230 | PASS |

| | EBW & OBW T | est Result (Channel Ban | dwidth: 3 MHz) | |
|------------|-------------|-------------------------|----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| wouldton | Channel | (MHz) | (MHz) | Verdict |
| | LCH | 2.6810 | 2.832 | PASS |
| QPSK | MCH | 2.6820 | 2.854 | PASS |
| | HCH | 2.6795 | 2.819 | PASS |
| | LCH | 2.6824 | 2.848 | PASS |
| 16QAM | MCH | 2.6823 | 2.855 | PASS |
| | НСН | 2.6748 | 2.830 | PASS |

| | EBW & OBW T | est Result (Channel Ban | dwidth: 5 MHz) | |
|------------|-------------|-------------------------|----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| MODUIATION | Channel | (MHz) | (MHz) | Verdici |
| | LCH | 4.4806 | 4.847 | PASS |
| QPSK | MCH | 4.4801 | 4.934 | PASS |
| | НСН | 4.4886 | 4.819 | PASS |
| | LCH | 4.4716 | 4.866 | PASS |
| 16QAM | MCH | 4.4790 | 4.791 | PASS |
| | НСН | 4.4678 | 4.822 | PASS |

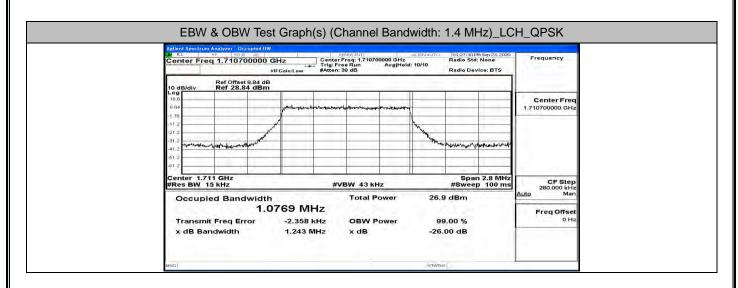
| | EBW & OBW Te | est Result (Channel Band | dwidth: 10 MHz) | |
|------------|--------------|--------------------------|-----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| Modulation | Ghannei | (MHz) | (MHz) | Verdict |
| | LCH | 8.9572 | 9.580 | PASS |
| QPSK | MCH | 8.9314 | 9.595 | PASS |
| | НСН | 8.9602 | 9.517 | PASS |
| | LCH | 8.9507 | 9.514 | PASS |
| 16QAM | MCH | 8.9272 | 9.565 | PASS |
| | HCH | 8.9459 | 9.585 | PASS |

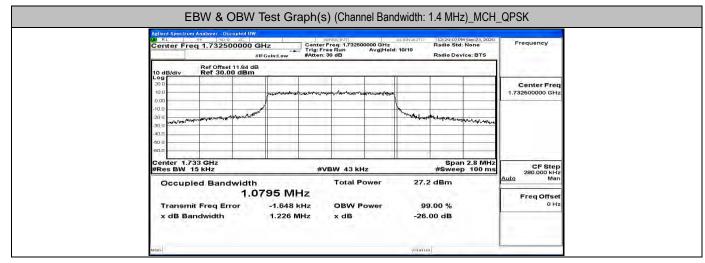
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| | EBW & OBW T | est Result (Channel Band | width: 15 MHz) | |
|------------|-------------|-----------------------------|-------------------------|---------|
| Modulation | Channel | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
| | LCH | 13.439 | 14.07 | PASS |
| QPSK | MCH | 13.387 | 14.16 | PASS |
| | HCH | 13.444 | 14.04 | PASS |
| | LCH | 13.425 | 14.11 | PASS |
| 16QAM | MCH | 13.376 | 14.02 | PASS |
| | HCH | 13.443 | 14.11 | PASS |

| | EBW & OBW Te | est Result (Channel Band | lwidth: 20 MHz) | |
|------------|--------------|--------------------------|-----------------|---------|
| Modulation | Channel | Occupied Bandwidth | 26dB Bandwidth | Verdict |
| Wouldtion | Channel | (MHz) | (MHz) | Verdici |
| | LCH | 17.898 | 18.65 | PASS |
| QPSK | MCH | 17.774 | 18.56 | PASS |
| | НСН | 17.912 | 18.61 | PASS |
| | LCH | 17.897 | 18.60 | PASS |
| 16QAM | MCH | 17.754 | 18.62 | PASS |
| | НСН | 17.911 | 18.72 | PASS |

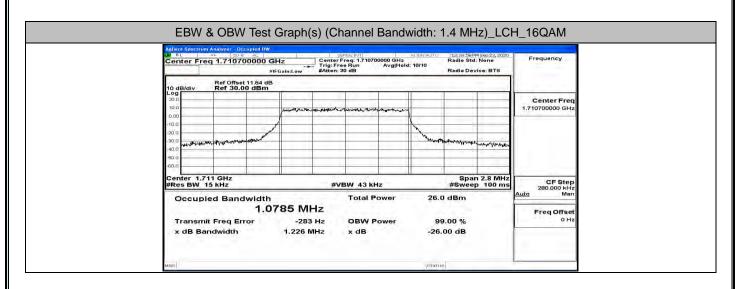


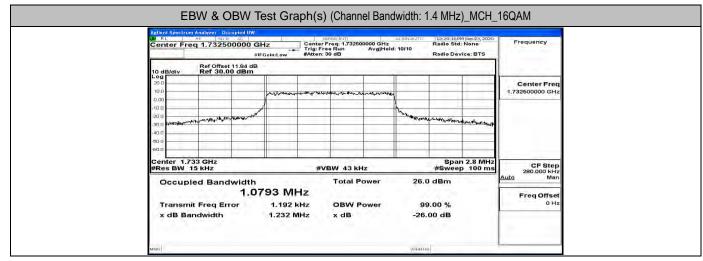




| Center Pres Run AvgiHeid: 10/10 Radio Devise: BTS Radio Devise: BTS Radio Devise: BTS Center Free On dB/div Ref 30,00 dBm Center Free On dB/div Ref 00 ms On dB/div Center Free On dB/div On dow | Center 17-54 GHz #Ref Diverse #VEW 43 kHz #Span 2.8 MHz Occupied Bandwidth Total Power 22.9 dBm Center 1.754 GHz | Agilent Spectrum Analyzer - Occupied DW | | | ENSE:INT | | ALIGNAUTO | 12:29:25 P | M Sep 23, 2020 | Frequency | | |
|---|--|--|----------|------------------------------|-------------|--|-----------|------------|----------------|-----------------|--|--|
| To defail Ref 30.00 dBm Coal Center Free 100 At norm the second data of the se | To defail Ref 30.00 dBm Coal Center Free 100 At norm the second data of the se | Contract and the second s | | Trig: Fre | ee Run | Avg Hold | : 10/10 | | | requercy | | |
| 200 Center Fre 000 00 | 200 Center Fre 000 00 | 10 dB/div Ref 30.00 dBm | 3 | | | | | | | | | |
| 0.00 0.01 | 0.03 10.0 | 20.0 | | | | _ | | | | Center Free | | |
| 200 200 300 200 300 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 2000 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 200 | 200 200 300 200 300 200 200 2 | | reputier | the sheat and a start of the | Robberguman | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | - | | 1.754300000 GH2 | | |
| 300 mail and an algorithm from the second | 300 Multiple Multiple Multiple Multiple 400 multiple Multiple Multiple Multiple 600 multiple Multiple Multiple Multiple Center 1.754 GHz #VBW 43 kHz #Span 2.8 MHz #Res BW 15 kHz GF Step 289.000 kH Occupied Bandwidth Total Power 22.9 dBm 1.0767 MHz Freq Offse Transmit Freq Error 186 Hz OBW Power 99.00 % | | and l | | | - | h | | - | | | |
| son span 2.8 MHz gene span 2.8 MHz gene gene | 00 Span 2.8 MHz Center 1.754 GHz #VBW 43 kHz #Res BW 15 kHz #VBW 43 kHz Occupied Bandwidth Total Power 1.0767 MHz Freq Offsee Transmit Freq Error 186 Hz OBW Power 99.00 % | | | | - | | Mark. | manun | Manager | | | |
| Center 1.754 GHz Span 2.8 MHz CF Ste #Res BW 15 kHz #VBW 43 kHz #Sweep 100 ms Occupied Bandwidth Total Power 22.9 dBm 1.0767 MHz Transmit Freq Error 186 Hz OBW Power 99.00 % | Center 1.754 GHz Span 2.8 MHz Span 2.8 MHz CF Ster #Res BW 15 kHz #VBW 43 kHz #Sweep 100 ms 220.000 kH Occupied Bandwidth Total Power 22.9 dBm 1.0767 MHz Freq Offse Transmit Freq Error 186 Hz OBW Power 99.00 % | -50 0 | - | | | | | | . don UNALLAND | | | |
| Occupied Bandwidth Total Power 22.9 dBm Auto Main Main Main Main Main Main Main Main | Occupied Bandwidth Total Power 22.9 dBm Auto Mar 1.0767 MHz Transmit Freq Error 186 Hz OBW Power 99.00 % | Center 1.754 GHz | | | | | | | | | | |
| Transmit Freq Error 186 Hz OBW Power 99.00 % | Transmit Freq Error 186 Hz OBW Power 99.00 % | | | | | | | | | | | |
| | | 1.0 | 767 MI | Ηz | | | | | | Freq Offset | | |
| | x dB Bandwidth 1.226 MHz x dB -26.00 dB | | | | 100000 | ower | | | | 0 H: | | |
| | | MBD | | | | | parara | 8 | | | | |

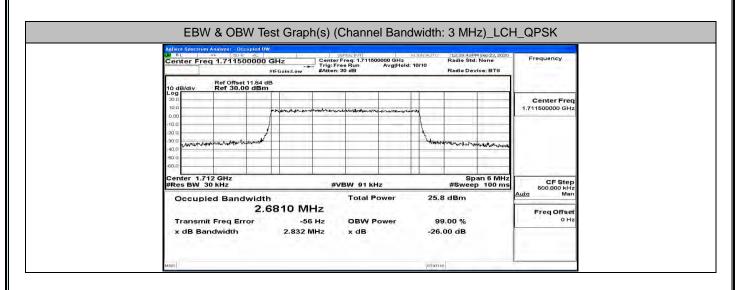
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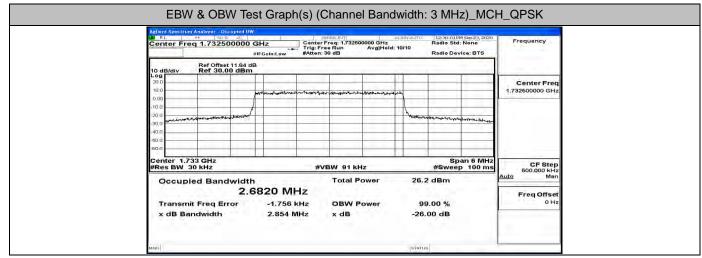




| Agilent Spectrum Analyzer Occupied | Location 1 | | SENSE:INT Freq: 1.754300 | | ALIGNALITO | 12:29:34 P Radio Std | M Sep 23, 2020 | Frequency | | | |
|---|------------------------|---|-----------------------------|-------------------|------------|-------------------------|---------------------|-----------------|--|--|--|
| Center Freq 1.75430000 | #IFGain:Low | Trig: F | , requirey | | | | | | | | |
| Ref Offset 11.84 10 dB/div Ref 30.00 dB | | | | _ | _ | _ | _ | | | | |
| 20.0 | | | | | - | | | Center Freq | | | |
| 0.00 | - Tutore | M. Marwinstown | no manufactures | latan lahist miya | | | | 1.754300000 GHz | | | |
| -10.0 | X | | | - | h. | | | | | | |
| -30 0 -40.0 undertallower the war we want to the | www. | | | | Mar Marca | la service lander | unterland the state | | | | |
| -60.0 | ~ | | | | | | | | | | |
| Center 1.754 GHz #Res BW 15 kHz | CF Step 280.000 kHz | | | | | | | | | | |
| Occupied Bandwid | | in the second | Total Po | wer | 22.1 dBm | | | Auto Man | | | |
| | .0761 | | | | | | | Freq Offset | | | |
| Transmit Freq Error x dB Bandwidth | | 12 Hz D MHz | OBW Po x dB | wer | | 9.00 % 00 dB | | 0 Hz | | | |

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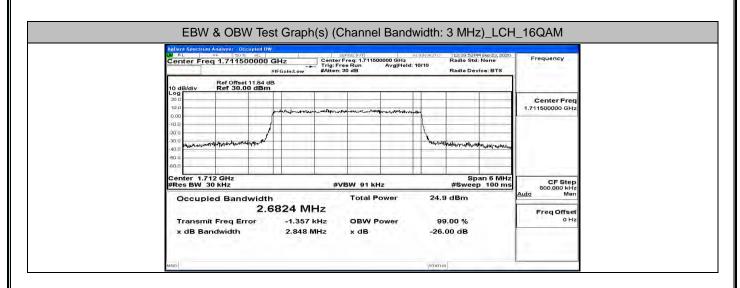


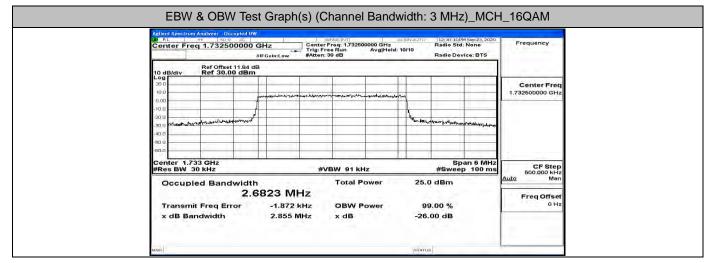


| Center Freq 1.753500000 | GHz | SENSE:INT Center Freq: 1.75 Trig: Free Run | 3500000 GHz Avg Hold: 1 | (GN AUTO | Radio Std | | Frequency | | |
|---|--------------------|--|--|----------|----------------------|-------------------|--------------------------------|--|--|
| Ref Offset 11.84 d | #IFGain:Low | #Atten: 30 dB | 1. | NOT L | Radio Dev | | | | |
| 10 dB/div Ref 30.00 dBm | в Т 1 — Т | | | | | _ | | | |
| 20.0 | | | | | | | Center Fred 1.753500000 GH: | | |
| 0.00 | mountermanne | fristen vitantis fluerners | and mise mary spectry | - | - | | 1.783800000 GH2 | | |
| -10.0 | | | | 1 | - | | | | |
| -30.0 prosperson and the Chine Mark | | | _ | MILLI | I ashad as be | her and post from | | | |
| -40.0 patienternet har hear and | | | | | A PALAN INLANDA AND | all and the state | | | |
| 60.0 | | | | | 1 | | | | |
| Center 1.754 GHz Span 6 MHz #Res BW 30 kHz #Sweep 100 ms | | | | | | | | | |
| Occupied Bandwidth | Occupied Bandwidth | | | | Total Power 22.2 dBm | | | | |
| 2.6 | 5795 MH | Iz | | | | | Freq Offset | | |
| Transmit Freq Error -642 Hz | | Hz OBW | OBW Power | | 99.00 % | | 0 Hz | | |
| x dB Bandwidth | 2.819 M | Hz xdB | | -26 | .00 dB | | | | |

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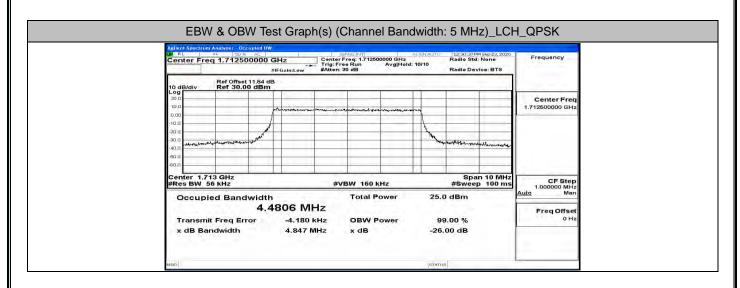


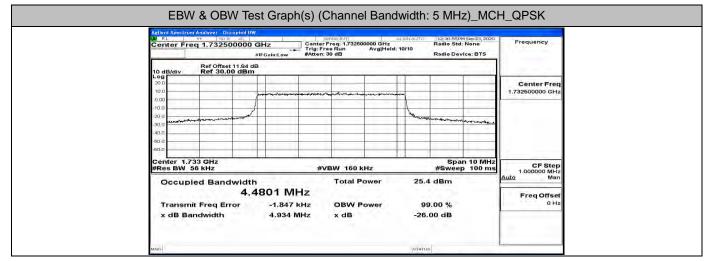




| RE RE SDR AC | | SENSE:INT | | GNAUTO | | M Sep 23, 2020 | Frequency | | |
|---|----------------------|---|---------------|--------|------------------|----------------|-----------------|--|--|
| Center Freq 1.753500000 | | Center Freq: 1.753 Frig: Free Run #Atten: 30 dB | Avg Hold: 10 | 0/10 | Radio Std | | , requerey | | |
| Ref Offset 11.84 c 10 dB/div Ref 30.00 dBn | dB n | | | | | | | | |
| 20.0 | 1. 1. 1. | | | - | - | | Center Freq | | |
| 10.0 | manudualist | American | man paper man | | | | 1.753500000 GHz | | |
| 10.0 | A | | | 1 | | | | | |
| -20.0 | | | | Utout | | 1.2 | | | |
| -30.0 -40.0 -50 0 | | | | - MANA | W.W. W. W. W. W. | wananduhintun | | | |
| 460.0 | | | | - | | 1 | | | |
| Center 1.754 GHz #Res BW 30 kHz | an 6 MHz p 100 ms | CF Step 500.000 kHz | | | | | | | |
| Occupied Bandwidt | b | Total | Power | 21.1 | dBm | | <u>Auto</u> Man | | |
| 2. | 6748 MHz | z | | | | | | | |
| Transmit Freq Error 893 Hz | | z OBW | OBW Power | | 0.00 % | 0 Hz | | | |
| x dB Bandwidth | 2.830 MH | z xdB | | -26. | 00 dB | | 1 | | |

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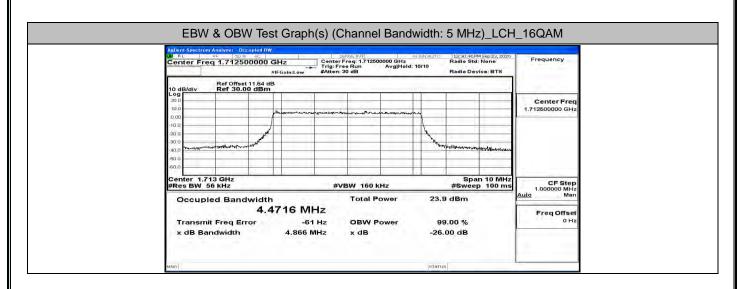


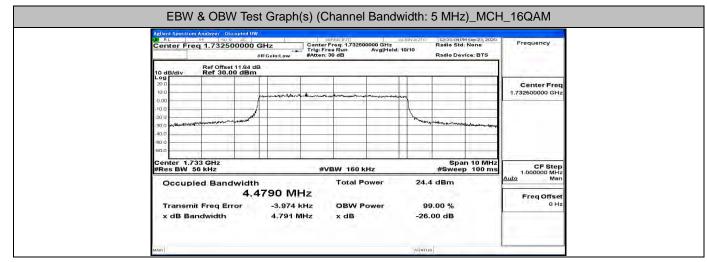


| 1 | - | | NSE:INT | | | IGN AUTO | 12:31:131 | M Sep 23, 2020 | Frequency | | | |
|--|-------|----------------------|---------|---------------|------------------|----------|-----------|-----------------|-------------------|--|--|--|
| ow | - T | rig: Fre Atten: 3 | | 2500000 Av | GH2 alHold: 1 | 0/10 | Radio Sto | Prequency | | | | |
| | | | | | | | | | | | | |
| | | | | | | 1 | - | | Center Fred | | | |
| - Auto | - | - | | manin | norman | | | - | 1.752500000 GH: | | | |
| | | | | | | 1 | | | | | | |
| | | - | | | | h. | - | | | | | |
| | | _ | | | | "m | unadances | an man de manun | | | | |
| | | - | | | | | | | | | | |
| _ | - | | | | - | | | in 10 MHz | CF Ster | | | |
| #Res BW 56 kHz #VBW 160 kHz Occupied Bandwidth Total Power | | | | | | | | #Sweep 100 ms | | | | |
| 54 | /Hz | | Total | Powe | r | 21.4 | t dBm | | - | | | |
| 15.11 | 6 kH: | | OBW | Powe | e i | 91 | 9.00 % | | Freq Offse 0 H | | | |
| 19 | MH | z | x dB | | | -26. | 00 dB | | | | | |

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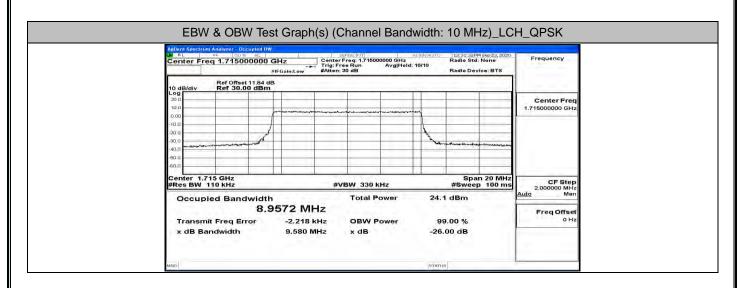


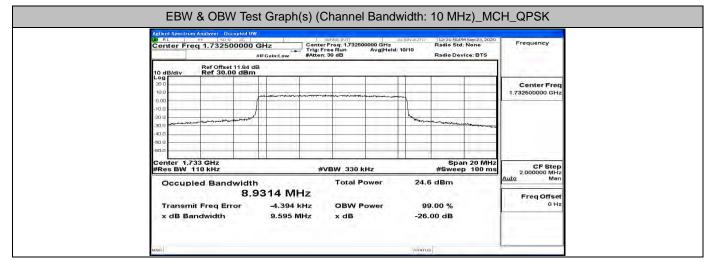


| Adlent Spectrom Analyzer Occupted 11W UP RL HE 100 ALC Center Freq: 1.752500000 GHz Radio Std: None | | | | | | | | | | | |
|---|--|-------------------|-------|----------------------|------------------------------------|----------|-------------------------|--|--|--|--|
| Center Freq 1.752500000 | Center Freq 1.752500000 GHz Center Freq 1.752500000 GHz Radio Std: None Trig: Free Run Avg Hold: 10/10 #IFGain:Low #Atten: 30 dB Radio Device: BTS | | | | | | | | | | |
| Ref Offset 11.84 10 dB/div Ref 30.00 dBr | | | | | | | | | | | |
| | | | | | | | Center Fred | | | | |
| 0.00 | | an and the second | | m | | - | 1.752500000 GHz | | | | |
| -20 0 | / | | | 4 | | | | | | | |
| -30.0 -40.0 | | | | N. | hilling the received of the second | moneth a | | | | | |
| -50.0 | | | | | | | | | | | |
| Center 1.753 GHz #Res BW 56 kHz | | #VBW 160 | kHz | | Span 10 #Sweep 1 | | CF Step | | | | |
| Occupied Bandwidt | | | Power | 20.4 | 4 dBm | | Auto Man Freq Offset | | | | |
| | 4678 MH | | 8.3 | | | | | | | | |
| Transmit Freq Error x dB Bandwidth | -2.953 kH 4.822 MH | | Power | 99.00 % -26.00 dB | | | 0 Hz | | | | |

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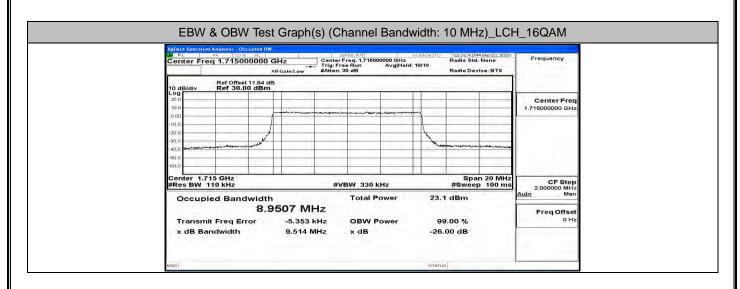


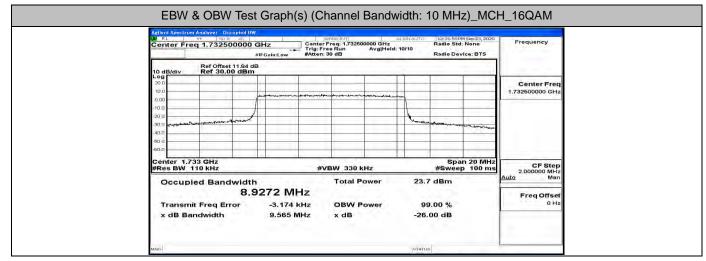




| Frequency | Aglient Spectrum Analyzer - Occupied DW With RL HF 50.9 Ac SEMSE: PT ALKSVAUTO 12:32:06 PM Sep 23, 2020 | | | | | | | | | | |
|-------------------------|---|---|------|--------------------------------|---------|----------|------------|---------------------|--|--|--|
| Frequency | Center Freq 1.75000000 GHz #IFGain:Low #Atten: 30 dB Radio Std: None Radio Device: BTS | | | | | | | | | | |
| | Ref Offset 11.84 dB 10 dB/div Ref 30.00 dBm | | | | | | | | | | |
| Center Fred | | - | 1 | | | | 2 - 2 | 20.0 | | | |
| 1.750000000 GHz | | | | an and a supering and the | La | Nema | | 0.00 | | | |
| | | - | 1 | 1.00 | | | | 10.0 | | | |
| | | | 1 | | | 1 | | 20.0 | | | |
| | | and | Tur | | | | mennender | 30.0 40.0 | | | |
| | | | | | | | | 60.0 | | | |
| | n 20 MHz | Spar | | | | 12 14 14 | GH7 | 60.0 Center 1.75 | | | |
| CF Step 2.000000 MHz | 0 100 ms | | | W 330 kHz | #\ | | | Res BW 1 | | | |
| <u>Auto</u> Man | | dBm | 21.* | Occupied Bandwidth Total Power | | | | | | | |
| Freq Offset | | | | | MHz | .960 | 8. | | | | |
| 0 Hz | | .00 % | 99 | OBW Power | 554 kHz | 19 | Freq Error | Transmit | | | |
| | | 00 dB | -26. | x dB | 17 MHz | 5 | dwidth | x dB Ban | | | |

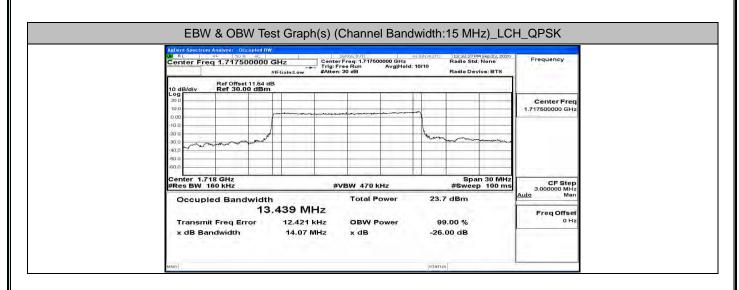
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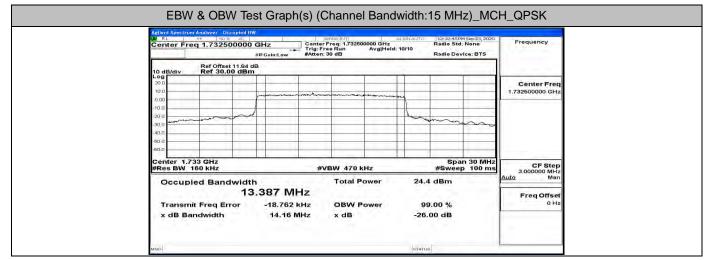




| Center Freq 1.7500000 | Center | sense inti r Freq: 1.75000 ree Run | 0000 GHz Avg Hold: | | Radio Ste | M Sep 23, 2020 I: None | Frequency | | | | |
|------------------------------------|---|--|-----------------------|----------------|-----------|---------------------------|-----------------------|-------------------------------|--|--|--|
| 244 LD 1990 D | #IFGain:Low #Atten: 30 dB Radio Device: BTS | | | | | | | | | | |
| 10 dB/div Ref 30.00 dB | i4 dB Sm | | | | | | | | | | |
| 20.0 10.0 | | | | | | | | Center Freq 1.75000000 GHz | | | |
| -10.0 | | | | and an a start | a | | | | | | |
| -20.0 | 1 | | | | 1 | | | | | | |
| -40.0 | A* | | | | ~ | | international descent | | | | |
| 60.0 | | | | | | | | | | | |
| Center 1.75 GHz #Res BW 110 kHz | | # | VBW 330 k | Hz | | #Swee | n 20 MHz p 100 ms | CF Step 2.000000 MHz | | | |
| | Occupied Bandwidth Total Power | | | | | | 20.1 dBm | | | | |
| 8 Transmit Freq Error | 3.9459 N 3.236 | | OBW P | ower | 99.00 % | | | Freq Offset 0 Hz | | | |
| x dB Bandwidth | 9.585 | | x dB | | | 00 dB | | | | | |

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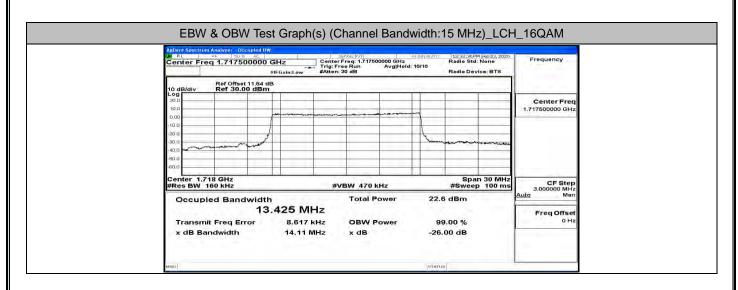


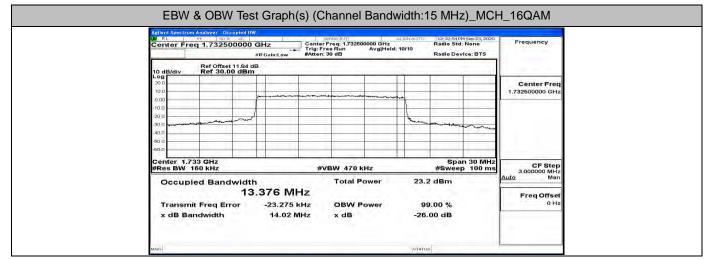


| Frequency | M Sep 23, 2020 | iglient Spectrum Analyzer - Occupied DW I RL 99 AZ Contact Freq: 1.747500000 GHz Radio Std: None | | | | | | | | | |
|-------------------------|----------------------|---|--------------------------------|--------------------------------|------|---------|------------|--------------------------|--|--|--|
| Frequency | 2.877.982 | Radio Std: Radio Devi | Trig: Free Run Avg Hold: 10/10 | | | | | | | | |
| | | Ref Offset 11.84 dB Ref 30.00 dBm | | | | | | | | | |
| Center Freq | | | | | | | | 20.0 | | | |
| 1.747500000 GH | | - | -14 | | | mannen | | 10.0 | | | |
| | | | 1 | | | | | -10.0 | | | |
| | | | K | | | 4 | | 20.0 | | | |
| | among | manne | Jan - | | | -30.0 | | | | | |
| | | - | - | | | | | 50.0 | | | |
| | | | 1 | | | 1.1 | | 60.0 | | | |
| CF Step 3.000000 MHz | n 30 MHz p 100 ms | #Sweep | | 470 kHz | #V | | | Center 1.74 #Res BW 1 | | | |
| <u>Auto</u> Man | | dBm | 21.5 | Occupied Bandwidth Total Power | | | | | | | |
| Freq Offset | | | | | Hz | .444 N | 13 | | | | |
| 0 Hz | 1.1 | 99.00 % | | | kHz | -22.050 | Freq Error | Transmit | | | |
| | | 00 dB | -26. | dB | VIHz | 14.04 | dwidth | x dB Bar | | | |

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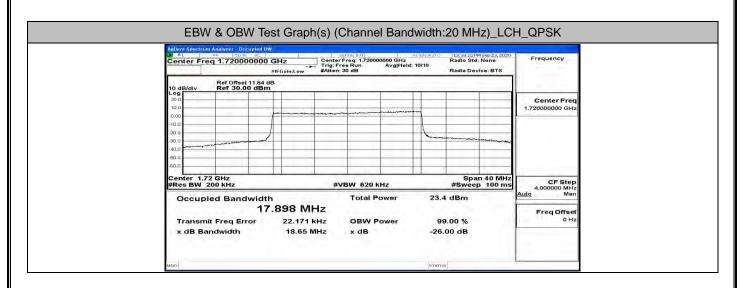


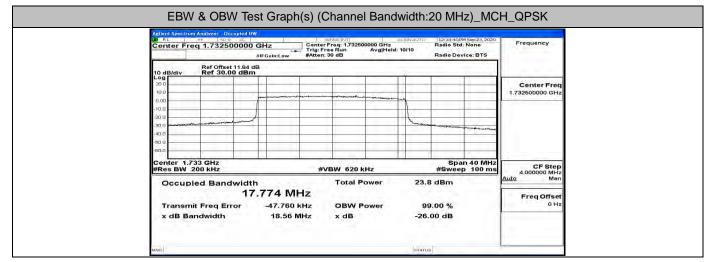




| Frequency | Will RL WF "50 9 AL SERVE://VIT ALGOVAUTO 12:33:12 PM Sep 23, 2020 Center Freq: 1.747500000 GHz Center Freq: 1.747500000 GHz Radio Std: None | | | | | | | | | |
|------------------------|--|--|-----|----------------------------------|-------------------------------|----------|------------------------|--|--|--|
| Frequency | and the same | tter Freq 1.747500000 GHz #IFGain:Low #Atten: 30 dB Categoria Avg[Held: 10/10 Radio Device: B' | | | | | | | | |
| | Ref Offset 11.84 dB Ref 30.00 dBm | | | | | | | | | |
| Center Fred | | | | | | | | | | |
| 1.747500000 GH | | | | | - | | | | | |
| | | | 1 | and the same the second strained | Contract of the second second | | | | | |
| | | | | | | 1 | | | | |
| | and the second | - water | L | | | - Acoust | | | | |
| | | | | | | _ | | | | |
| | | - | | | | | | | | |
| CF Step 3.000000 MH | an 30 MHz ep 100 ms | Spa #Sweet | | V 470 kHz | #\ | | 1.748 GHz W 160 kHz | | | |
| <u>Auto</u> Mar | | Occupied Bandwidth Total Power 20.4 dBm | | | | | | | | |
| Freq Offset | 1 | | | | 8 MHz | 13.4 | | | | |
| 0 Ha | 1.1 | 9.00 % | 9 | DBW Power | 705 kHz | rror | smit Freq En | | | |
| | | 00 dB | -26 | dB | .11 MHz | | Bandwidth | | | |

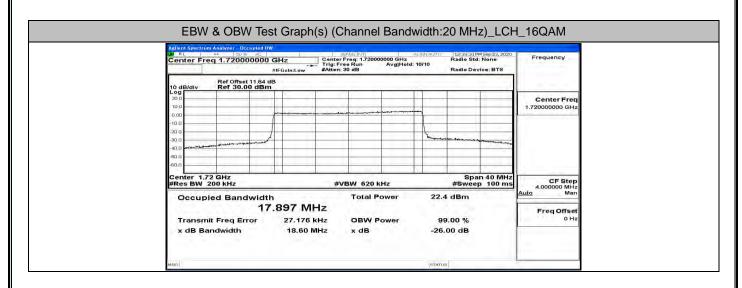
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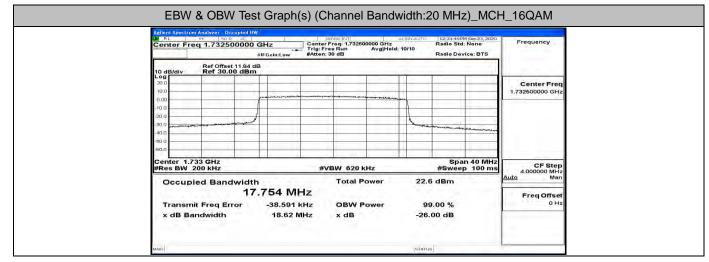




| Center Freq 1.745000000 GHz Center Freq: 1.745000000 GHz | | | | | | | M Sep 23, 2020 : None | Frequency | | | |
|---|------------------|--|-----------------------------------|-----|---------|-------|--------------------------|--------------------------|--|--|--|
| Trig: Free Run Avg Hold: 10/10 #IFGain:Low #Atten: 30 dB Radio Device: I | | | | | | | | | | | |
| Ref Offset 11.84 | dB | | | | | | | | | | |
| | | | | | 1 | - | | Center Freq | | | |
| 10,0 | and internet and | | | | | | - | 1.745000000 GHz | | | |
| 10.00 | 1 | - of development of | | | 1 | | | I A CAL DEADER ALL A | | | |
| -20.0 | 1 | | | - | | | | | | | |
| -30.0 man and the stand and and a reason | - | | | _ | minen | - | | | | | |
| -40.0 | | | | | | - | | | | | |
| -60.0 | | | | | - | - | - | | | | |
| Center 1.745 GHz #Res BW 200 kHz | | #VB | Span 40 MHz #Sweep 100 ms CF S | | | | | | | | |
| Occupied Bandwid | h | | Total Pov | | 22.5 | 2 dBm | | 4.000000 MHz Auto Man | | | |
| | 7.912 MH | Calanda Anna Anna Anna Anna Anna Anna Anna | | | | | | Environment | | | |
| Transmit Freq Error | -58.243 k | | OBW Pov | ver | 99.00 % | | | Freq Offset 0 Hz | | | |
| x dB Bandwidth | 18.61 M | | x dB | | | 00 dB | | | | | |

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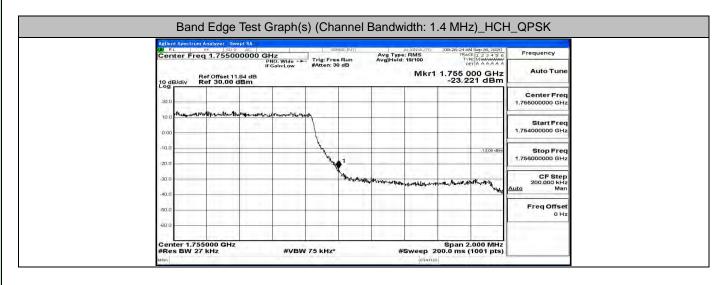


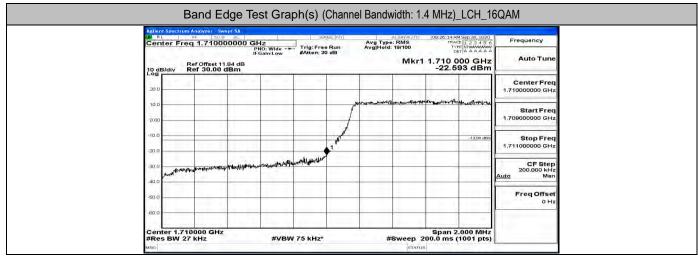
| Aglent Spectrum Analyzer Occupted UW UP RL Her 20.9 AL Constart Freq: 1.7.45000000 GHz Badle Std: None | | | | | | | | | |
|--|--|-------------------|----------------|-----------------------|--------------------------------|--|--|--|--|
| Center Freq 1.74500000 | Center Freq 1.745000000 GHz #IFGalin:Low #Atten: 30 dB Radio 2016 | | | | | | | | |
| 10 dB/div Ref Offset 11.84 | dB m | | | | | | | | |
| 20.0 | | | | | Center Fred 1.745000000 GHz | | | | |
| 0.00 | | | | | | | | | |
| -20 0 | | | | | | | | | |
| -60 0 | | | | adorether and a state | | | | | |
| Center 1.745 GHz | | | | Span 40 MHz | | | | | |
| #Res BW 200 kHz | | #VBW 620 kHz | # | ≠Sweep 100 ms | 4.000000 MHz | | | | |
| Occupied Bandwid | th 7.911 MHz | 21.2 d | Bm | <u>Auto</u> Man | | | | | |
| Transmit Freq Error x dB Bandwidth | -54.869 kHz 18.72 MHz | OBW Power x dB | 99.0 -26.00 | - A. | Freq Offset 0 Hz | | | | |

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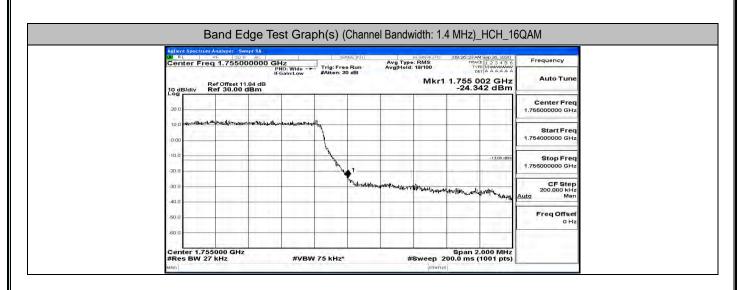
E.4 Band Edge

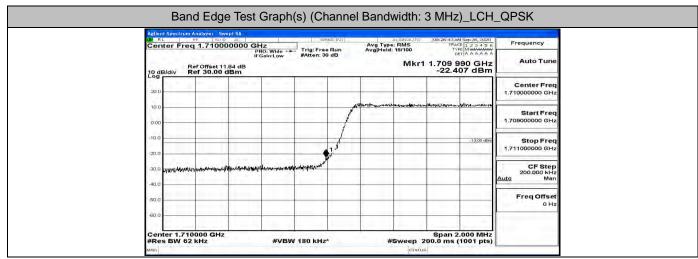
| | | eq 1.710 | 0000000 | GHz PNO; Wide - | Trig: Free | Bun | Avg Type Avg Hold | : RMS 20/100 | 08:26:05 AM S TRACE TYPE | ep 26, 2020 1 2 3 4 5 6 M M A A A A A | Frequency |
|-------|---------|-----------------------|-------------------|--------------------|-----------------|------|-------------------------|-----------------|--------------------------------|---|------------------------------------|
| 10 dE | 3/div | Ref Offse Ref 30.0 | 11.84 dB 0 dBm | IFGain:Low | #Atten: 30 | 0 dB | | | 1.709 99 -17.20 | 8 GHz | Auto Tune |
| 20.0 | 11.* | - | | - | - | | | | | | Center Freq 1.710000000 GHz |
| 10.0 | | | | | | 1 | Adampi Constanti a late | | | and an a second s | Start Freq |
| 10.00 | | | | | | 1 | | | | -1 3.00 dbm | Stop Freq |
| 20.0 | unenvi | - | | mumum | 4449944-2649.00 | Y. | | | | | 1.711000000 GHz |
| -30.0 | uter Co | | APPARTURE (PARTI) | -14: 14: 1 | | | | | | | CF Step 200.000 kHz Auto Man |
| -50.0 | | | - | | | | | | | | Freq Offset 0 Hz |
| | | _ | - | _ | | | | | | | - |

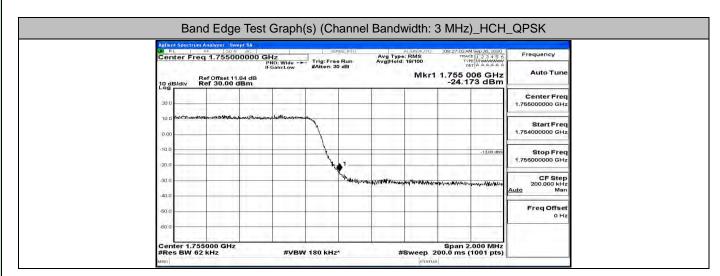




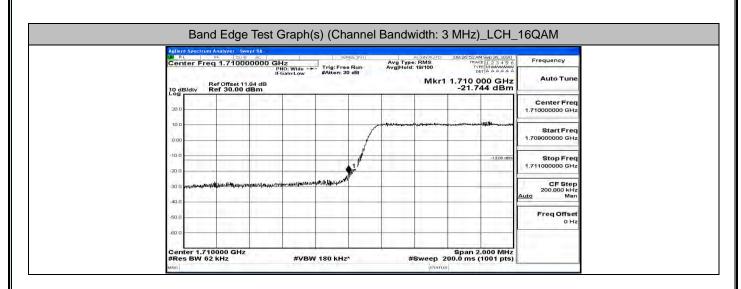
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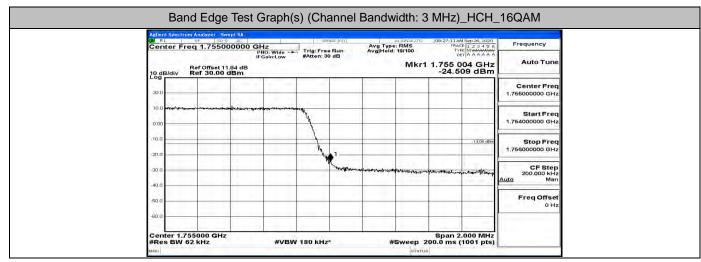






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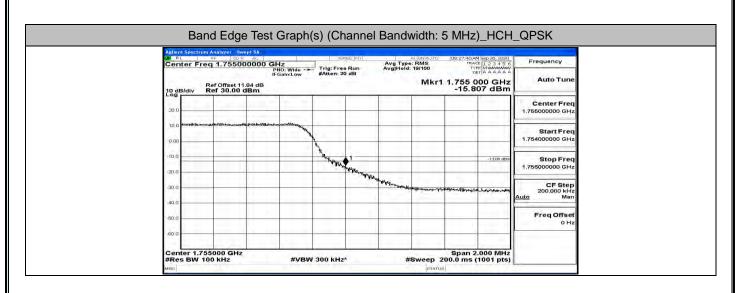


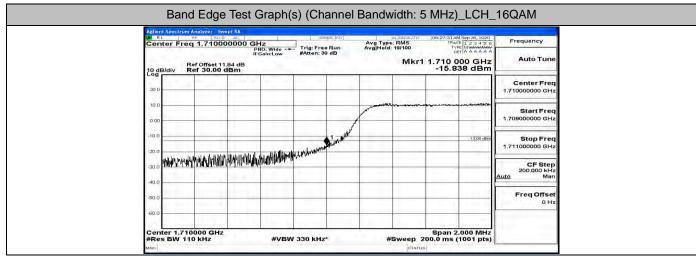


| Center Freq 1.710000000 GHz Brown town Trig: Free Run Brown town Avg Type: RMS Avg dd: 2013 Trig: Free Run Brown town Frequency 0 dB/div Ref Offset 11.84 dB Mkr1 1.709 994 GHz -15.720 dBm Auto Tune 0 dB/div Ref Offset 11.84 dB Mkr1 1.709 994 GHz -15.720 dBm Auto Tune 0 dB/div Ref Offset 11.84 dB Mkr1 1.709 994 GHz -15.720 dBm Auto Tune 0 dB/div Ref Offset 11.84 dB Start Freq 1.710000000 GHz Start Freq 1.710000000 GHz 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune 0 dB/div Image Auto Tune Image Auto Tune Image Auto Tune < | Frequency | 4 Sep 26, 2020 | 08:27:21 Af | ALIGNAUTO | | SERVICE : INT | | | AC | RF 150 g | L | LW RI |
|--|-------------|-------------------|--------------------|------------------------|-----|---------------|--------------------------|--------------------|-----------------------------|------------------------------|----------------|-------|
| Ref Offset 11.84 dB Mkr1 1.709 994 GHz Auto Tune 100 dB/div Ref 30.00 dBm -15.720 dBm Center Freq 300 | Frequency | E 123456 | TY | rpe: RMS Id: 20/100 | Avg | ee Run | Trig: Fr | Hz PNO: Wide | 00000 G | q 1.71000 | nter Fre | Cen |
| 300 Center Freq 1,71000000 GHz 100 Start Freq 1,7000000 GHz 100 Start Freq 1,7000000 GHz 100 Start Freq 1,700000 GHz 100 Start Freq 1,7100000 GHz | Auto Tune | 94 GHz | 1.709 9 | Mkr1 | | 30 dB | #Atten: | IFGain:Low | .84 dB | Ref Offset 11 Ref 30.00 (| B/div F | 10 dE |
| Start Freq Start Freq 0.00 1.00 100 1.00 200 1.00 300 1.00 300 CF Step 400 CF Step 400 Freq Offset | | | | | | | | | 1 | - | 1 | 1.71 |
| Freq Offset | | and the man do no | 174.54/54.0454.5mm | estrene and | 1 | | | | | | | |
| 500 Freq Offset | | -13,00 dbm | | | r | Same and | | | | | | -10.0 |
| Freq Offset | 200.000 kHz | | | | | | Tubed and a start of the | www.wy.let.~?upint | e alle affective descention | makilasi dasi dasi dasi | ትር በይዲያት የሰላ ት | -30.0 |
| | | | | | | | | | 10000 | - | | |

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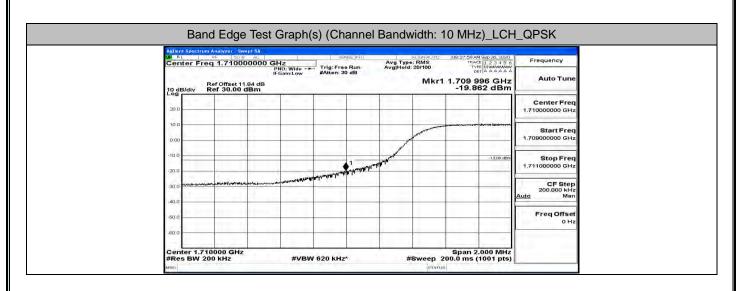


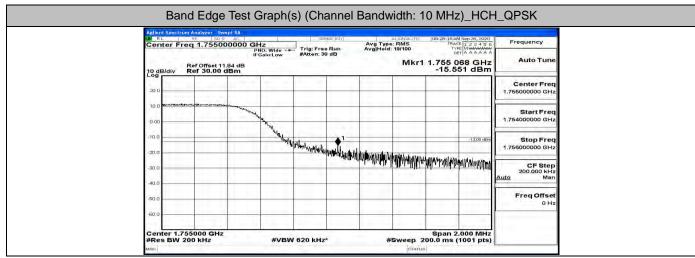




| Center Freq 1.755000000 GHz High Wido ++ Braint.gw Trig: Free Run Avg Type: RMS Avg Type | | M Sep 26, 2020 | 08:27:50 AA | ALIGNAUTO | E:INT | SEN | | alyzer Swept SA | | Agiler |
|---|--------------------------------|---------------------|------------------|---|-----------------|------------|--|---------------------------------|-------|--------|
| Ref Offset 11.84 dB Mkr1 1.755 004 GHz Auto Tune 10 dB/dv/ 10 dB/dv Ref 30.00 dBm 18.263 dBm Center Freq 1.765000000 GHz 100 | Frequency | CE 123456 | TRAC | vpe: RMS | Run | Trig: Free | | 1.755000000 0 | | Cen |
| 300 Center Freq 1.75500000 GHz 100 1.75500000 GHz 100 1.75600000 GHz 100 1.756000000 GHz 100 1.756000000 GHz 100 1.756000000 GHz 100 1.756000000000000000000000000000000000000 | Auto Tune | 004 GHz | 1.755 0 | Mkr1 | dB | #Atten: 30 | IFGain:Low | Offset 11.84 dB | B/div | 10 di |
| Other Start Freq 000 1 -1300 mm 1.756000000 GHz 000 1 -1300 mm Stop Freq 000 1 -1300 mm CF Step 000 -1300 mm CF Step 200 mm 000 -1300 mm -1300 mm CF Step 000 -1300 mm -1300 mm CF Step 200 mm -1300 mm -1300 mm -1300 mm 400 | Center Freq 1.755000000 GHz | | | | | | | | 1 | |
| Image: Stop Freq Offset Stop Freq Offset 300 Image: Stop Freq Offset | Start Freq 1.754000000 GHz | | | | | χ | and a second | aquad ristational myne dynaid d | | |
| 500 FreqOffset | Stop Freq 1.756000000 GHz | | | | 1 | 1 mg | | | | |
| 500 Freq Offset | 200.000 kHz | Nipontal Willington | x\$18-74977-0000 | er and a second s | a second shapes | | | | | -30.0 |
| | Freq Offset 0 Hz | | | | | | | | | |

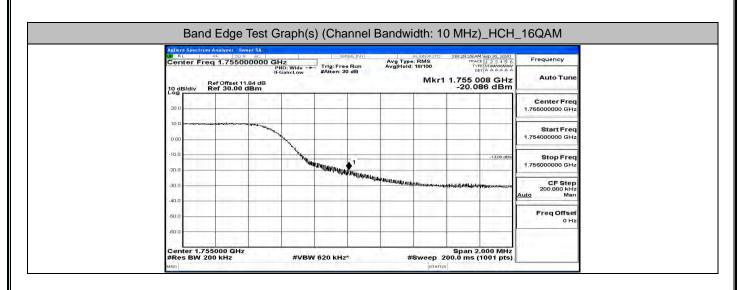
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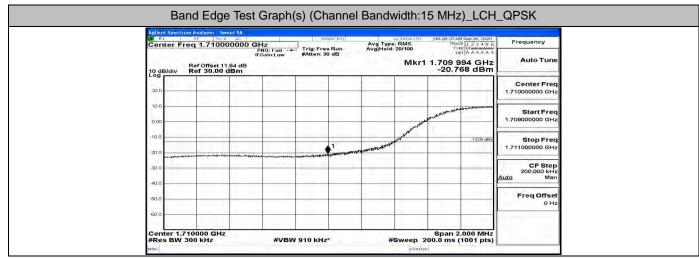




| Agilent Spectrum Analyzs | ED & ALC | service: Init | ALIGNAUTO | 08:28:09 AM Sep 26, 2020 | Frequency |
|--------------------------|---|--|-----------------------------------|--|------------------------------------|
| Center Freq 1.7 | 10000000 GHz PNO: Wide | Trig: Free Run | Avg Type: RMS Avg Hold: 19/100 | TRACE 1 2 3 4 5 6 TYPE MUMMUMM DET A A A A A A | Frequency |
| 10 dB/div Ref 30 | IFGain:Low Set 11.84 dB 0.00 dBm | #Atten: 30 dB | Mkr | 1 1.709 998 GHz -21.112 dBm | Auto Tune |
| 20.0 | | | | | Center Freq 1.710000000 GHz |
| 10.0 | | | | | Start Freq |
| 0.00 | | | 1 Arriston | | 1.709000000 GHz |
| -10.0 | | 1 mm | - HA - Handard | -1 3,00 dbin | Stop Freq 1.711000000 GHz |
| -30.0 Wington (Mington) | lighter fairs of the second | naylet for Read have for The form the former and | | | CF Step 200.000 kHz Auto Man |
| -60.0 | | | | | Freq Offset 0 Hz |
| -60.0 | | | | | |

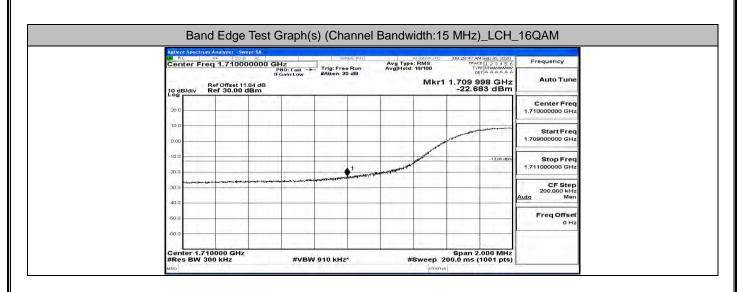
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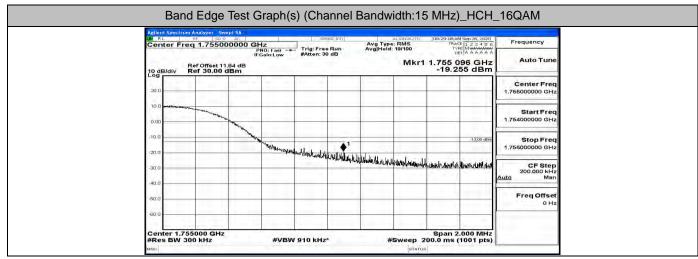




| | 56 AM Sep 26, 2020 | AUTO 08:28: | | SENSE: INT | | lyzer Swept SA | | Agilent |
|------------------------------------|--------------------------|----------------------|------------------------|------------------------|------------------|--|-----------------------|---------|
| Frequency | TYPE MMAAAAAAA | 15 | Avg Type: Avg Hold: | Trig: Free Run | SHZ PNO: Fast | .755000000 @ | nter Freq ' | Cent |
| Auto Tune | 5 042 GHz 3.331 dBm | Mkr1 1.75 | | #Atten: 30 dB | IFGain:Low | Diffset 11.84 dB 30.00 dBm | Bldiv Ref | 10 dB |
| Center Freq 1.755000000 GHz | | | | - | - | | | 20 0 |
| Start Freq 1.754000000 GHz | | | | | | and we are a second and a second | an bakeray bayayayaya | 0.00 |
| Stop Freq | -13,00 dbin | | | A1- | Transferder III | 1 | | -10,0 |
| The second second second | المعادر والمحمل المعادية | haldwalk who who was | NANUAN ANG ANIMA | "Instatultully", fape, | . wantely | | | 20.0 |
| CF Step 200.000 kHz Auto Man | | | | | | | | -30.0 |
| Freq Offset 0 Hz | | _ | | | | | | -50.0 |
| | | | | | - | | | -60.0 |

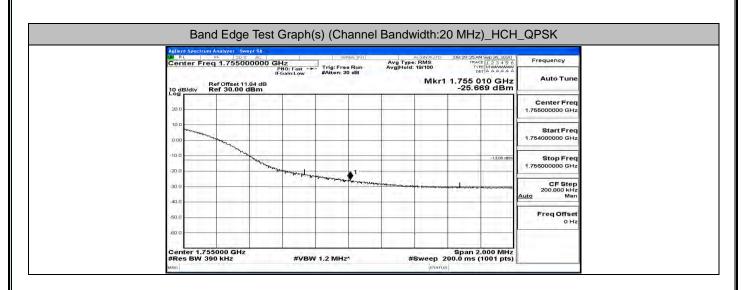
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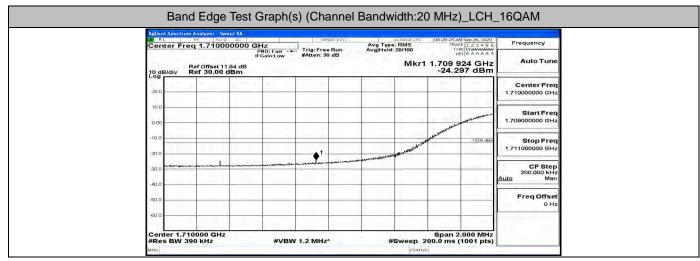




| | vept SA 2' AC | | 1 | 5 | ender: Ind v] | | ALIGNAUTO | | AM Sep 26, 2020 | Frequency |
|-----------|------------------|----------|---------|----------|--------------------------|----------------------|---------------------|---|---|------------------------------------|
| 000 | 00000 | PNO: FA | nst - P | Trig: Fr | e Run | Avg Typ Avg Hold | e: RMS I: 19/100 | TRA | VPE MUMANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | Frequency |
| .84 1B | 1.84 dB dBm | IFGain:L | ow | #Atten: | 30 dB | | Mkr1 | 1.709 | 978 GHz 590 dBm | Auto Tune |
| | 11 | | | | | | | - | | Center Freq 1.710000000 GHz |
| | | | | | | | | | - and the second second | Start Freq 1.709000000 GHz |
| - | - | - | | _ | | | MANNUMAN | - All and a start and a start a | -1.3,00 dbin | Stop Freq |
| - | 1 | | | | The second of the second | a griften an griften | with | | | CF Step 200.000 kHz Auto Man |
| | | | | | | | | | | Freq Offset |
| | | | | | | | | | | 0 Hz |

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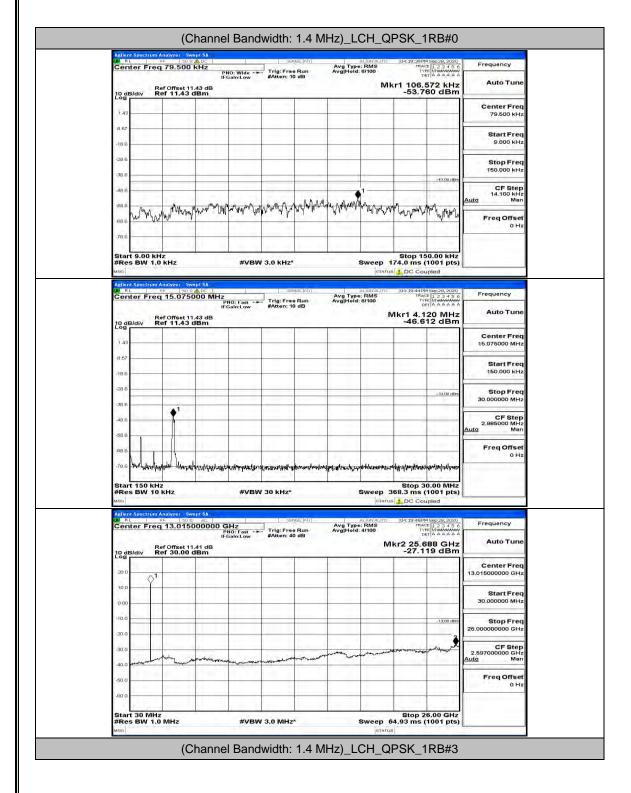
| | and a | | 5BN | ISE:INT | Avg Typ | ALIGNAUTO | 08:29:44 AM | Sep 26, 2020 | Frequency |
|---------|-----------------|-------------|------------|------------|------------------------|-------------|-----------------|--------------------|--------------------------------|
| PI | GHz PNO: Fas | | Frig: Free | | AvgHold | : 20/100 | TYPE | 123456 MMAAAAAA | 110305102 |
| B | IFGain:Lo | N 4 | Atten: 30 | dB | | Mkr1 | 1.755 0 | | Auto Tune |
| | | | | | | | | | Center Freq 1.755000000 GHz |
| | | | = | | | | | | Start Freq 1.754000000 GHz |
| ч. | Lie Inc. | | _ | A 1 | | | | -1 3,00 sitain | Stop Freq 1.75600000 GHz |
| Sault . | - walled he had | Intelection | Marticlash | Hilling | unterfully of the poly | anternation | kralatomog kong | | CF Step |
| | | | | | | | | | 200.000 kHz Auto Man |
| 11 | | | | | | | | | Freq Offset 0 Hz |
| | | | _ | | | | | | |

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E.5 Conducted Spurious Emission

Test Graphs

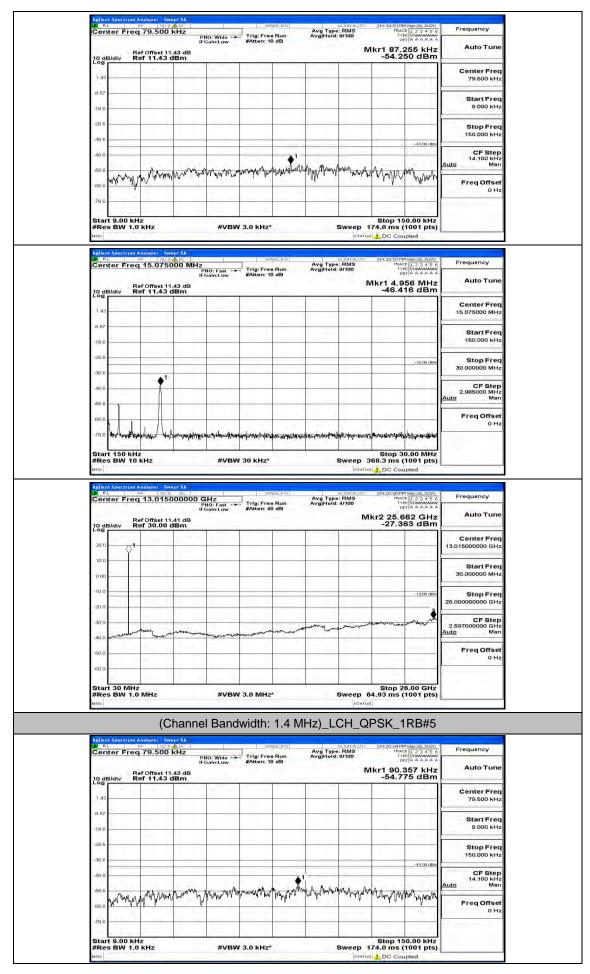
Channel Bandwidth: 1.4 MHz



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FCC ID: 2AVTH-10LA1

Report No.: LCS200915128AEG



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| Center Freq 15.075000 PMHz Figure 10.075000 PMHz Figure 10.075000 PMHz Figure 10.075000 PMHz INNO Freq 15.075000 PMHz Figure 10.075000 PMHz Figure 10.075000 PMHz Figure 10.075000 PMHz INNO Freq 15.075000 PMHz Figure 10.075000 PMHz Figure 10.075000 PMHz Auto Tune INNO Freq 15.075000 PMHz Figure 10.075000 PMHz Figure 10.075000 PMHz Auto Tune INNO Freq 10.075000 PMHz Figure 10.075000 PMHz Storp Freq 10.075000 PMHz Storp Freq 10.075000 PMHz INNO Freq 10.075000 PMHz INNO Freq 10.07500 PMHz Storp Freq 10.075000 PMHz Storp Freq 10.075000 PMHz INNO Freq 10.07500 PMHz INNO Freq 10.07500 PMHz Storp Freq 10.07500 PMHz Storp Freq 10.07500 PMHz INNO Freq 10.07500 PMHz INNO Freq 10.07500 PMHz Storp Freq 10.07500 PMHz Storp Freq 10.07500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz Storp Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 11.01500 PMHz INNO Freq 10.01500 PMHz INNO Freq 10.01500 PMHz IN | Center Freq 15.075000 Ref Offset 11.43 dBn 1.43 0.67 -10.0 -28.6 | PNO: Fast Trig: Free Ru IFGain:Low #Atten: 10 dB | Avg Type: RMS Avg Hold: 8/100 | TYPE MUMMMMM DET A A A A A | Auto Tune Center Freq | | |
|---|--|--|--|--|--------------------------|---|--|
| Her Omes 11 43 dB Mkr1 5.483 MHz Auto Tune 16 46.477 dBm 46.477 dBm Center Freq 16 46.477 dBm Center Freq 15.075000 MHz 18 19 19 19 19 19 18 19 19 19 19 10 10 18 19 19 19 19 10 10 10 18 19 19 19 19 10 10 10 10 18 100 MHz 100 | 1 43 8 657 -18 6 -28 6 | | | | Center Freq | | |
| Log Center Freq 100 Storp Storp 100 | -186 -286 | | | -46.477 dBm | Center Freq | | |
| 140 16.075000 MHz 150 16.075000 MHz 150 16.075000 MHz 150 16.0000 HHz 160 16.0000 HHz | -8.67 -18.6 -28.6 | | | | | | |
| 100 100 100 100 100 100000 Hz 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 | -18.6 | | | | | | |
| 198 150.000 kHz 308 150.000 kHz Stop Freed 30.00000 kHz Stop Stop Stop 150.000 kHz Stop Treed 150.000 kHz Stop Treed 150.0000 kHz Stop Treed 150.0000 kHz Stop Treed 150.00000 kHz Stop Treed 150.000000 kHz Stop Treed 150.00000 kHz Stop Treed 150.00000 kHz Stop Treed 150.00000 kHz Stop Treed 150.000000 kHz Stop Treed 150.00000 kHz Stop Treed 150.00000 kHz Stop Treed 150.000000 kHz Stop T | -28.6 | | - IN THE REPORT OF THE REPORT OF | | | | |
| Stop Freq 3000000 MHz 300000 MHz 3000000 MHz 3000000 MHz 300000 MHz 3000000 MHz 300000 MHz | -28 6 | | | | | | |
| 308 3080000 Mitz 408 408 408 | | | | | | | |
| All of the second secon | | | | -33.00 d£in | 30.000000 MHz | | |
| Added Man Freq Offset 0 Hz Start 150 Hz start 100 Hz | • • • • | | | | CF Step | | |
| Image: Section of the section of th | | | | | 2.985000 MHz Auto Man | | |
| 0 Hz 10 Hz < | CO. 11 11 11 11 11 11 11 | | | | Fred Offset | | |
| Start 150 kHz #Res BW 10 kHz | | 1.1.5.4.1.1.5.1.1 | 1990 V 112 1907 V | 5 0. MB 11.2.1 | 0 Hz | | |
| #Res BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts) Main 1 Section Analyzer - Sweet 3A Image 200 Coupled Adjent Spectrum Analyzer - Sweet 3A Image 200 Coupled Main 1 Section Analyzer - Sweet 3A Image 200 Coupled Center Freq 13.015000000 GHz Trig Free RMS Point 1 Mit 2 Trig Free RMS Point 2 Mit 2 Mit 2 Trig Free RMS Point 2 Mit 2 | -78.6 The anthrough and the marking | university of states of the second second second | water all a state and a state of the state o | | | | |
| Internal DC Coupled Internal DC CoupledInternal DC Coupled <th c<="" td=""><td>Start 150 kHz</td><td></td><td></td><td>Stop 30.00 MHz</td><td></td><td></td></th> | <td>Start 150 kHz</td> <td></td> <td></td> <td>Stop 30.00 MHz</td> <td></td> <td></td> | Start 150 kHz | | | Stop 30.00 MHz | | |
| Mit mit State (M) Autor (M) Frequency Center Freq 13.015000000 GHz Brown (State) Trig: Freq Mail Avg: Vige: RMS Avgities: 3/100 Trig: Tres Mail Frequency Auto Tune Frequency Auto Tune 10 dBldiv Ref Offset 11.41 dB Mkr2 25 668 GHz Auto Tune 10 dBldiv Ref Offset 11.41 dB Center Freq 30.00 dBm Center Freq 30.00000 GHz Center Freq 13.01500000 GHz 10 dBldiv Ref Offset 11.41 dB State: 10 State: 10 Center Freq 30.000000 GHz 10 dBldiv Ref Offset 11.41 dB Center Freq 30.000000 GHz State: 10 State: 10 10 dBldiv Ref Offset 11.41 dB State: 10 State: 10 State: 10 State: 10 10 dBldiv Ref Offset 11.41 dB State: 10 State: 10 State: 10 State: 10 State: 10 10 dBldiv Ref Offset 11.41 dB State: 10 State: 10 <td>#Res BW 10 KHZ</td> <td>#VBW 30 KH2"</td> <td></td> <td></td> <td></td> <td></td> | #Res BW 10 KHZ | #VBW 30 KH2" | | | | | |
| Ref Offset 11.41 dB Mkr2 25.688 GHz Auto Tune 100 -27.020 dBm -27.020 dBm -27.020 dBm 300 -1 -1 -1 -1 100 -1 -1 -1 -1 100 -1 -1 -1 -1 -1 100 -1 -1 -1 -1 -1 -1 000 -1 -1 -1 -1 -1 -1 -1 000 -1 <td< td=""><td>Agilent Spectrum Analyzer - Swept S.</td><td>A</td><td></td><td></td><td></td><td>_</td></td<> | Agilent Spectrum Analyzer - Swept S. | A | | | | _ | |
| Ber Offset 11.41 dB Mkr2 25.688 GHz Auto Tune 300 -1 -27.020 dBm -27.020 dBm -27.020 dBm 300 -1 -1 -27.020 dBm -27.020 dBm -27.020 dBm 100 -1 -1 -27.020 dBm -27.020 dBm -27.020 dBm -27.020 dBm 100 -1 -1 -1 -1 -27.020 dBm | Center Freq 13.015000 | | Avg Type: RMS Avg]Hold: 4/100 | TRACE 1 2 3 4 5 6 | Frequency | | |
| 1000 -27.020 dBm 300 -1 2500000000 -1 | Bat Offert 11 41 | IFGain:Low #Atten: 40 dB | | Mkr2 25,688 GHz | Auto Tune | | |
| 300 1 13.015000000 GHz 100 13.015000000 GHz 100 13.00000 100 100000 </td <td>10 dB/div Ref 30.00 dBm</td> <td>1</td> <td></td> <td>-27.020 dBm</td> <td></td> <td></td> | 10 dB/div Ref 30.00 dBm | 1 | | -27.020 dBm | | | |
| 100 Image: Constraint of the second seco | 30.0 /1 | | | | | | |
| 000 30.000000 MHz 100 1300000 MHz 200 1300000 MHz 000 1300000 GHz 000 100 000 100 000 100 000 100 000 100 000 100 000 100 100 100 < | 10.0 | | | | | | |
| 100 | 0.00 | | | | | | |
| 30.0 26.0000000 GHz 30.0 26.0000000 GHz 40.0 25.9700000 GHz 40.0 40.0 50.0 60.0 60.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 60.0 80.0 64.93 ms (1001 pts) | and the second states of the s | | | | | | |
| 30.0 CF Step 40.0 CF Step 50.0 Start 30 MHz Start 30 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts) | | | | -13,00 dbin | | | |
| 40.0 2.897000000 GHz 60.0 | | | | 3 | 07 D444 | | |
| ADD Control Freq Offset 500 0 0 Hz 500 1 1 500 1 1 500 1 1 500 1 1 500 1 1 500 1 1 500 1 1 500 1 1 500 1 1 500 1 1 5100 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts) 1 | -30.0 | and the second second | montermont | man and they are | 2.597000000 GHz | | |
| .600 0 Hz .600 <td>-40.0</td> <td>and the second s</td> <td></td> <td></td> <td></td> <td></td> | -40.0 | and the second s | | | | | |
| Start 30 MHz Stop 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* | -50.0 | | | | | | |
| #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts) | -60.0 | | | | | | |
| #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts) | Start 30 MHz | | | Stop 26.00 GHz | | | |
| MSG | #Res BW 1.0 MHz | #VBW 3.0 MHz* | | 64.93 ms (1001 pts) | | | |
| | | | | | | | |
| | | | | | | | |
| (Chapped Randwidth: 1.4 MHz) MCH OPCK 1PR#0 | | I nonnoi Rondwidth 1 | | SK_IKD#U | | | |
| (Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0 | | • | | | | | |
| Adjent Spectrum Analyzer Swept SA | Agilent Spectrum Analyzer Swept S/ | A SERVED | | | Frequency | | |
| Applient Spictrum Analyzer Swept SA MI PH SS PARS_(H1) All(R/AU/PC) (PI2101PM Spic26, 2020) MI PH SS PARS_(H1) All(R/AU/PC) (PI2101PM Spic26, 2020) Center Freq 79.500 KHz PHO: Wide +++ Trig: Free Run Avg1type: RMS Trace [1/2 3 4 5 6) Floating +++ PHO: Wide +++ Frequency #Atten: 10 4 B Trig: Free Run | Agilent Spectrum Analyzer Swept S/ | A Servae in Serv | Autonaut Avg Type: RMS Avg Hold: 8/100 | 0 04:21:01PM Sep 28,2020 TRACE 1 2 3 4 5 6 TYPE M MANAGEM DET A A A A A | | | |
| Adlient Spectrum Analyzer, Swept 3A. at (27,017) at (27,017) (01/21/01/H Spectors, 2000) Of int intervent in the sector of the s | Aellent Spectrum Analyzer Swept S Marte I 1997 1997 1997 1997 1997 1997 1997 19 | Z PNO: Wide IFGain:Low #Atten: 10 dB | Autonaut Avg Type: RMS Avg Hold: 8/100 | Det:21:01PM Sep 28, 2020 TRACE [2 3 4 5 6 TYPE MUMMUM DET A A A A A Mkr1 92 190 kHz | | | |
| Agilent Spectrum Analyzer, Swept 3A. Simple [p1] at any other sectors Frequency Min R. win is or above. Simple [p1] at any other sectors Frequency Center Freq 79,500 kHz PHO: Wide Trig: Free Run BGaintlow Avg Type: RMS PHO: Wide Brain Low Avg Type: RMS PHO: Wide Trig: Free Run Avg Type: RMS PHO: Wide Brain Low Avg Type: RMS PHO: Wide Trig: Free Run Avg Type: RMS PHO: Wide Brain Low Avg Type: RMS PHO: Wide Trig: Free Run Avg Type: RMS PHO: Wide Brain Low Avg Type: RMS PHO: Wide Trig: Free Run Avg Type: RMS PHO: Wide | Aellent Spectrum Analyzer Swept S to no 1999 1999 1999 1999 1999 1999 1999 | Z PNO: Wide IFGain:Low #Atten: 10 dB | Autonaut Avg Type: RMS Avg Hold: 8/100 | Det:21:01PM Sep 28, 2020 TRACE [2 3 4 5 6 TYPE MUMMUM DET A A A A A Mkr1 92 190 kHz | Auto Tune | | |

28

-36

-48.

68

68

Start 9.00 kHz #Res BW 1.0 kHz

Alyman Marin Man and Man

#VBW 3.0 kHz*

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Stop Free 150.000 kH

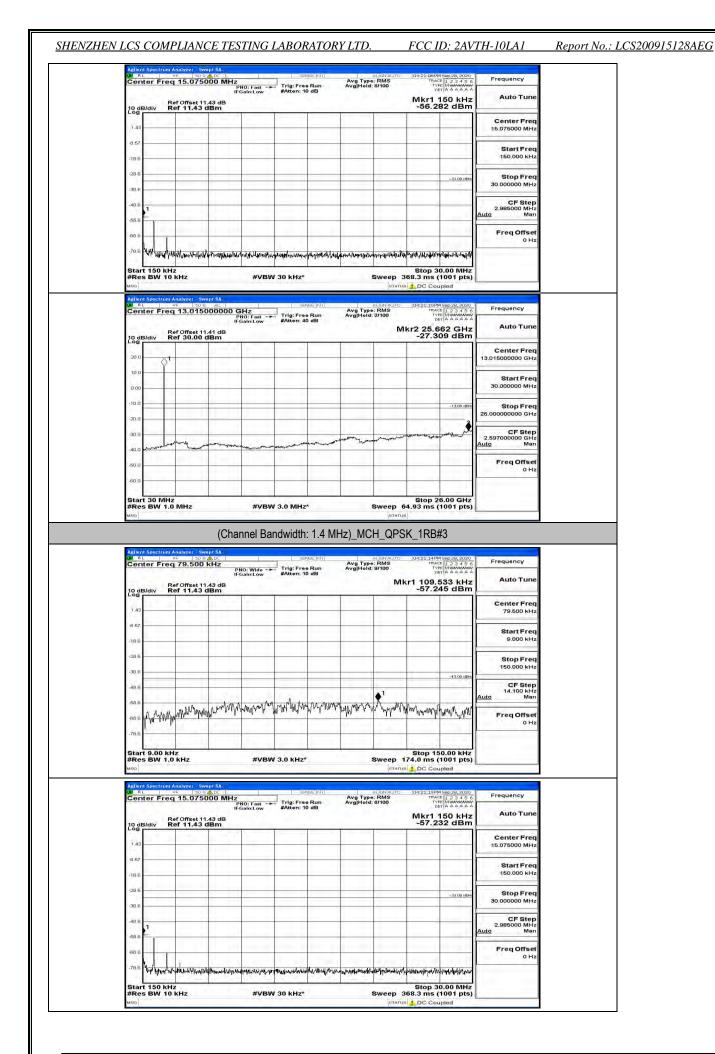
CF Step 14.100 kHz Man

Freq Offset 0 Ha

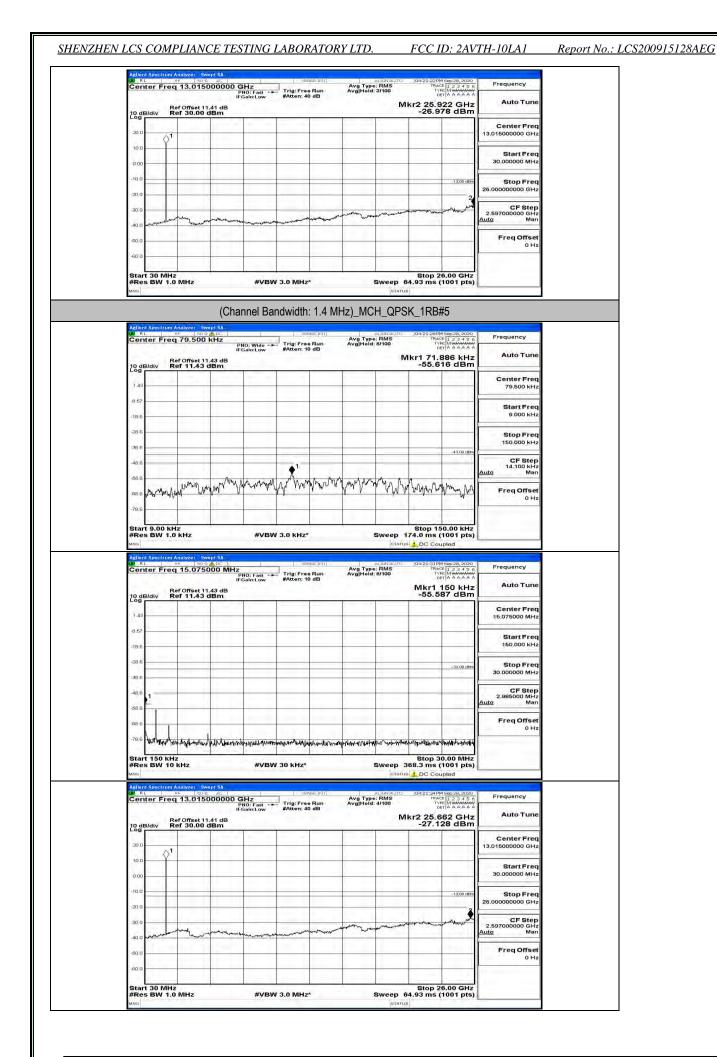
-43.00 t

Stop 150.00 kHz Sweep 174.0 ms (1001 pts)

april mary and mary and more and a second

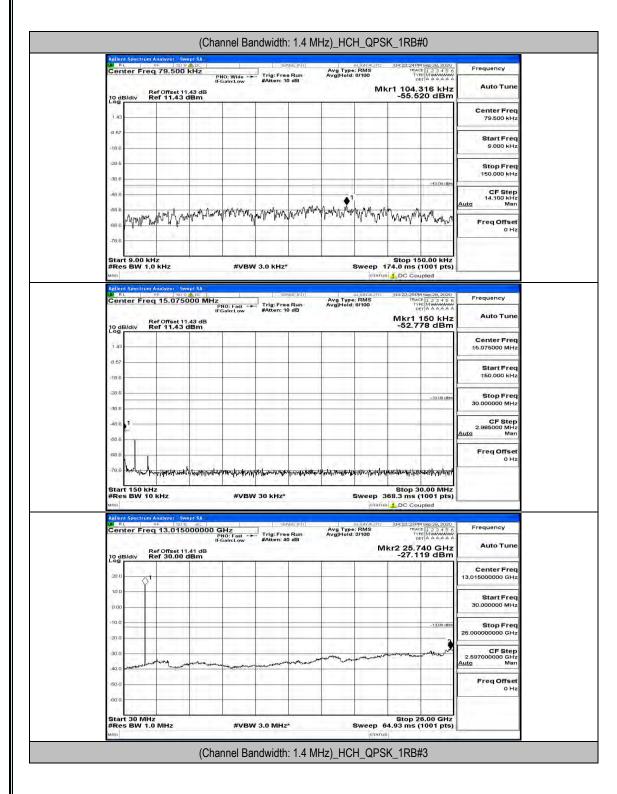


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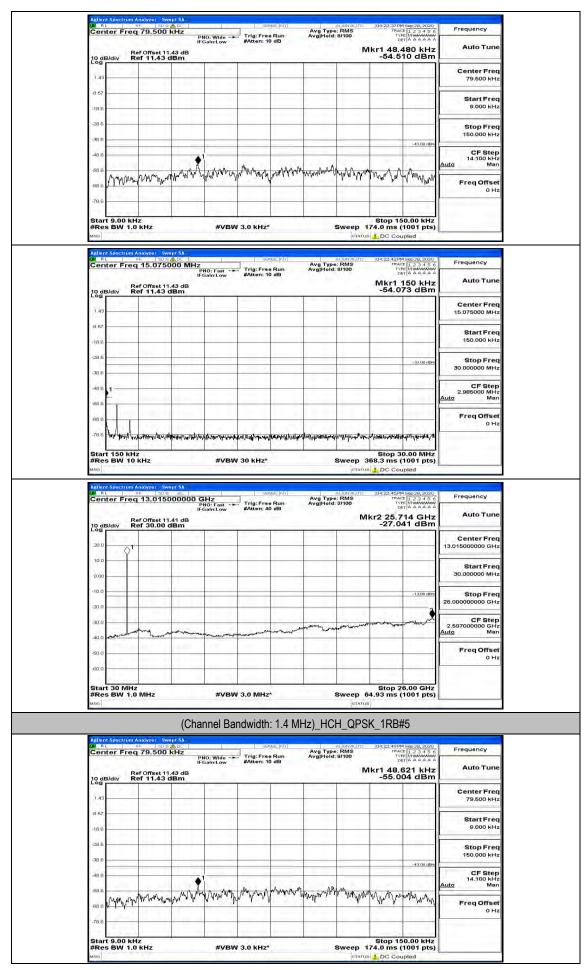
Report No.: LCS200915128AEG



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FCC ID: 2AVTH-10LA1

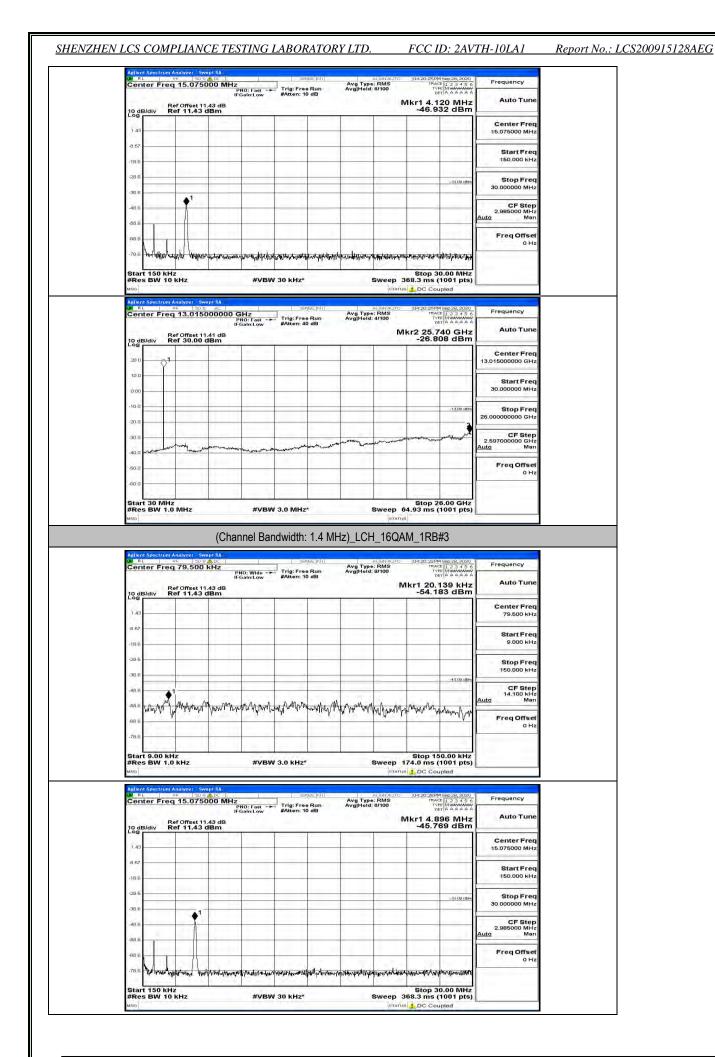
Report No.: LCS200915128AEG

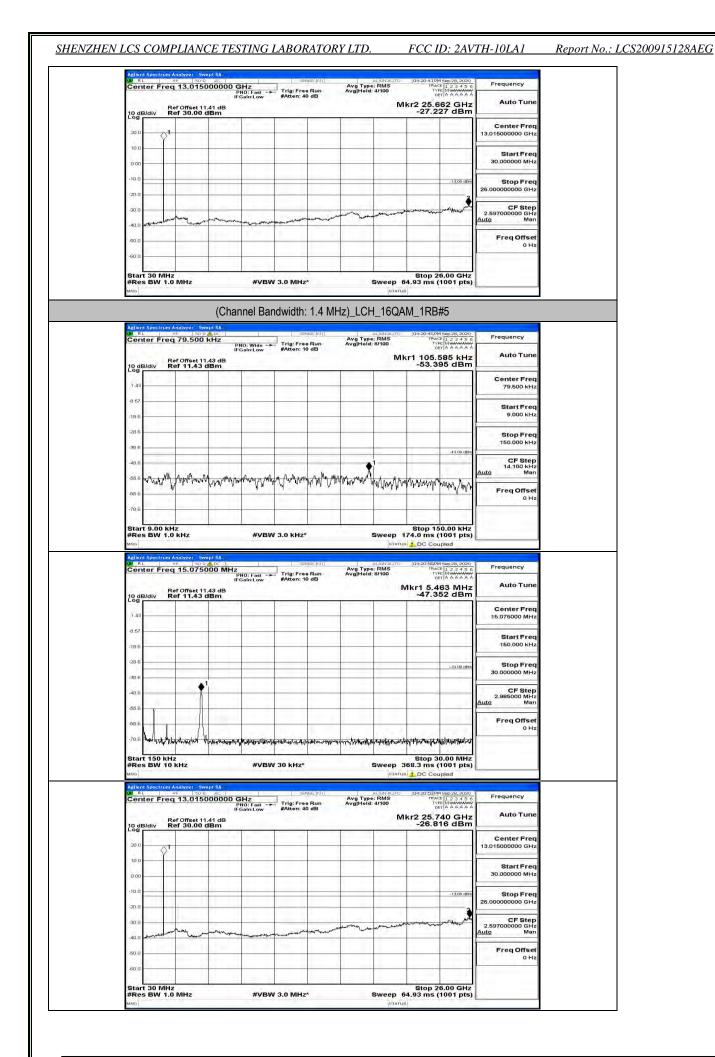


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| Frequency Auto Tune | 04:22:54 PM Sep 28, 2020 TRACE 1 2 3 4 5 6 TYPE MWANNAW DET A A A A A | Avg Type: RMS Avg Hold: 8/100 | Trig: Free Run #Atten: 10 dB | 5000 MHz PNO: Fast ~ IFGain:Low | er Freq 15.0750 |
|--|--|--|--|---|---|
| Auto Tune | Mkr1 150 kHz -55.416 dBm | | | 11.43 dB 3 dBm | div Ref 11.43 c |
| Center Freq 15.075000 MHz | | | | | |
| Start Freq 150.000 kHz | | | | | |
| Stop Freq 30.000000 MHz | -33.00 dbm | | | | |
| CF Step 2.985000 MHz Auto Man | | | | | |
| Freq Offset | | | | 44 (4-4) | |
| 0 Hz | المعالم المعال 19 مع المعالم ا 19 مع المعالم ا | Sweep | i Kirjinkuoni kajata ⁿ idu 1 30 kHz* | ANTANNAMIN' IN AMPACIAN #VBI | ни ини ини ини ини ини ини ини ини ини |
| | Stop 30.00 MHz 368.3 ms (1001 pts) b C Coupled | Sweep III III IIII IIII IIIIIIIIIIIIIIIIII | / 30 KHZ* | #VB1 wept \$A yes ac 1 500000 GHz PH0: Fast ~ (FGain:Low ~ 11.41 dB | 150 kHz BW 10 kHz Spectrum Analyzer Swe Pro co or Freq 13.0150 Bef Offset 11 |
| 0 Hz | Stop 30.00 MHz 368.3 ms (1001 pts) 38 DC Coupled | Sweep III III IIII IIII IIIIIIIIIIIIIIIIII | / 30 KHZ* | #VB1 wept \$A yes ac 1 500000 GHz PH0: Fast ~ (FGain:Low ~ 11.41 dB | 150 kHz BW 10 kHz Spectrum Analyzer Swe PF Store er Freq 13.0150 |
| 0 Hz Frequency Auto Tune Center Freq | Stop 30.00 MHz 368.3 ms (1001 pts) b C Coupled | Sweep III III IIII IIII IIIIIIIIIIIIIIIIII | / 30 KHZ* | #VB1 wept \$A yes ac 1 500000 GHz PH0: Fast ~ (FGain:Low ~ 11.41 dB | 150 kHz BW 10 kHz Spectrum Analyzer, Swa er Freq 13.0150 cr Ref Offset 11. Ref 30.00 c |
| 0 Hz Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq | Stop 30.00 MHz 368.3 ms (1001 pts) b C Coupled | Sweep III III IIII IIII IIIIIIIIIIIIIIIIII | / 30 KHZ* | #VB1 wept \$A yes ac 1 500000 GHz PH0: Fast ~ (FGain:Low ~ 11.41 dB | 150 kHz BW 10 kHz Spectrum Analyzer, Swa er Freq 13.0150 cr Ref Offset 11. Ref 30.00 c |
| 0 Hz Frequency Auto Tune Center Freq 13.0 15000000 GHz Start Freq 30.000000 MHz Stop Freq | Stop 30.00 MHz 368.3 ms (1001 pts) C Coupled 01:22:58:144 sep.26, 2020 The 2.3 at 5.0 The 3.0 The 3.0 at 5.0 The 3.0 at | Sweep III III IIII IIII IIIIIIIIIIIIIIIIII | / 30 KHZ* | #VB1 wept \$A yes ac 1 500000 GHz PH0: Fast ~ (FGain:Low ~ 11.41 dB | 150 kHz BW 10 kHz Spectrum Analyzer, Swa er Freq 13.0150 cr Ref Offset 11. Ref 30.00 c |

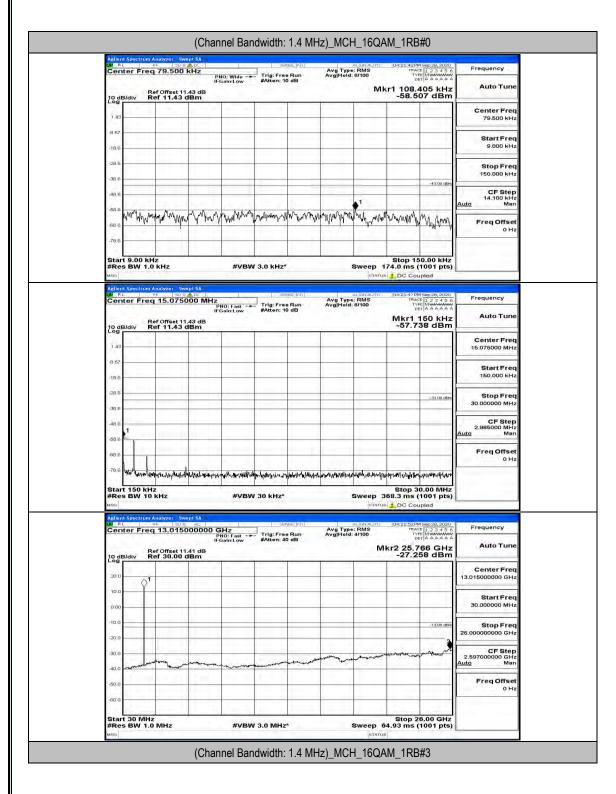
| Frequency | 1 Sep 28, 2020 | 04:20:20 PM TRACE | RMS | Avg Type | USE:INT] | CONCERNING AND | 1 | | 79.500 | | Cent |
|-----------------------------------|-------------------|----------------------|--------|---------------|---------------|----------------|-------------------------|------------|-----------------------------|--------|---------|
| Auto Tune | 834 kHz 92 dBm | lkr1 75.8 | | Avg Hold: | e Run 0 dB | #Atten: 10 | NO: Wide -+ Gain:Low | 43 dB | ef Offset 11. ef 11.43 d | R | 10 dB |
| Center Freq 79.500 kHz | | | | | | | | | | | 1.49 |
| Start Freq 9.000 kHz | | | | | | | | | | | -8 57 - |
| Stop Freq 150.000 kHz | | | | | | | | | | | -28-6 |
| CF Step 14.100 kHz Auto Man | -43.00.dBm | 57.63 | | 1907 Q. | | | 3.2 | | | , a | -48.6 |
| Freq Offset 0 Hz | Minangelaren | when you | WharWM | way way front | propriet and | Why have my | ACCU, MAN | wyryr Ynyn | montanto | mwy.my | -68.6 |
| | | - | - | | | | | | | | -78.6 |



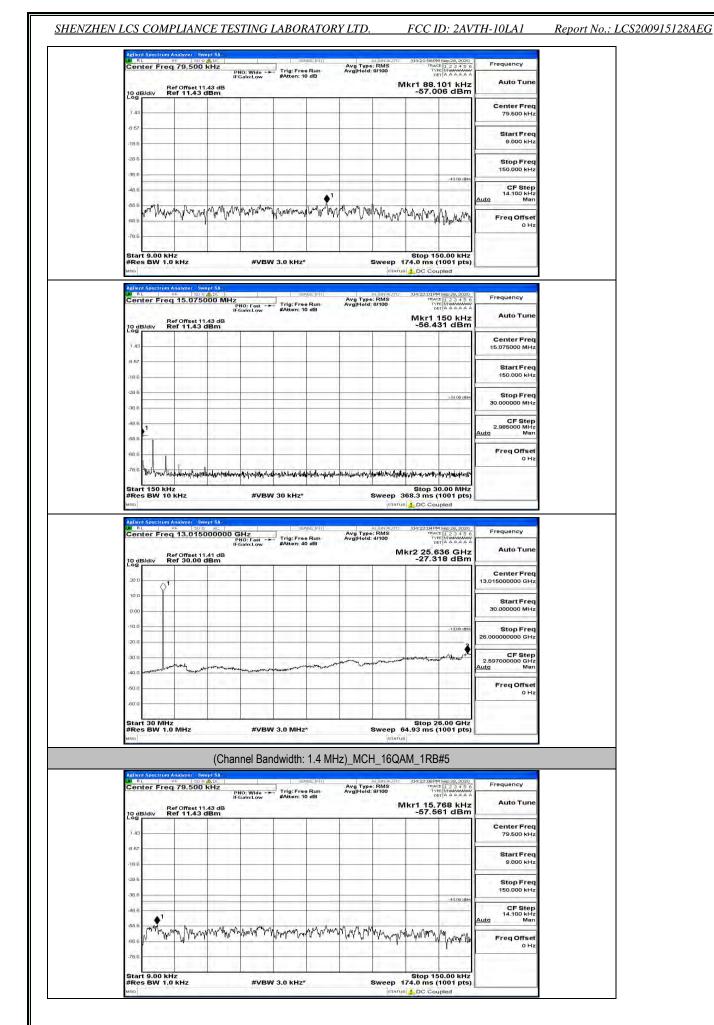


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| Center Freq 15.075000 I Ref Offset 11.43 dl 10 dB/div Ref 11.43 dBm | IFGain:Low #Atten: 10 dB | Avg Type: RMS Avg Hold: 8/100 | 104:22:13 PM Sep 28,2020 TRACE [2 3 4 5 6 VPE [MWWWW DET A & A & A & A Mkr1 150 kHz -57.926 dBm | Frequency Auto Tune | |
|---|--|----------------------------------|--|--|---|
| 1.43 | | | | Center Freq 15.075000 MHz | |
| -8.67 | | | | Start Freq 150.000 kHz | |
| -28.6 | | | - 38.00 item | Stop Freq 30.000000 MHz | |
| -48.6 -68.6 | | | | CF Step 2.985000 MHz Auto Man | |
| 98.6 | เราะเหตุการาชาวินเอารูปเป็นหาราชาวินเราะ | 20.00 | | Freq Offset 0 Hz | |
| #Res BW 10 kHz | #VBW 30 kHz* | | 68.3 ms (1001 pts) DC Coupled | Frequency | _ |
| Ref Offset 11.41 di | IFGain:Low #Atten: 40 dB | | kr2 25.792 GHz -27.149 dBm | Auto Tune | |
| 200 01 01 01 01 01 01 01 01 01 01 01 01 0 | | | | Center Freq 13.015000000 GHz | |
| 10.0 0.00 | | | | Start Freq 30.000000 MHz | |
| -10.0 | | | -13,00 dBm | Stop Freq 26.00000000 GHz | |
| -30.0 | | | | СF Step 2.59700000 GHz <u>Аuto</u> Man | |
| -50.0 | | | | Freq Offset 0 Hz | |
| Start 30 MHz #Res BW 1.0 MHz | #VBW 3.0 MHz* | Sweep 6 | Stop 26.00 GHz 4.93 ms (1001 pts) | | |
| MARCE | | | | | |
| ((| Channel Bandwidth: 1.4 Ml | H7) HCH 1604 | M 1RR#0 | | |

8 57

-18 6

-36)

-48

68

68 78 Why

Start 9.00 kHz #Res BW 1.0 kHz 14

WINN

willing the

#VBW 3.0 kHz*

and a perturbation of the second and a second the second and the s

Start Fred 9.000 kHz

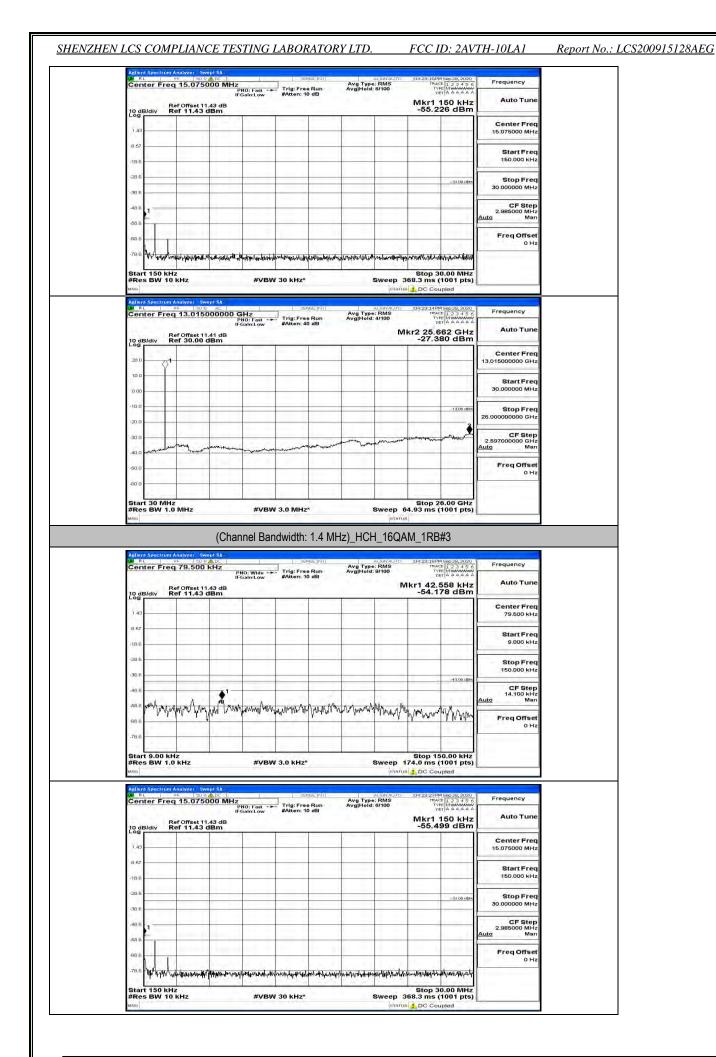
Stop Fred 150.000 kHz

> CF Step 14.100 kHz Man

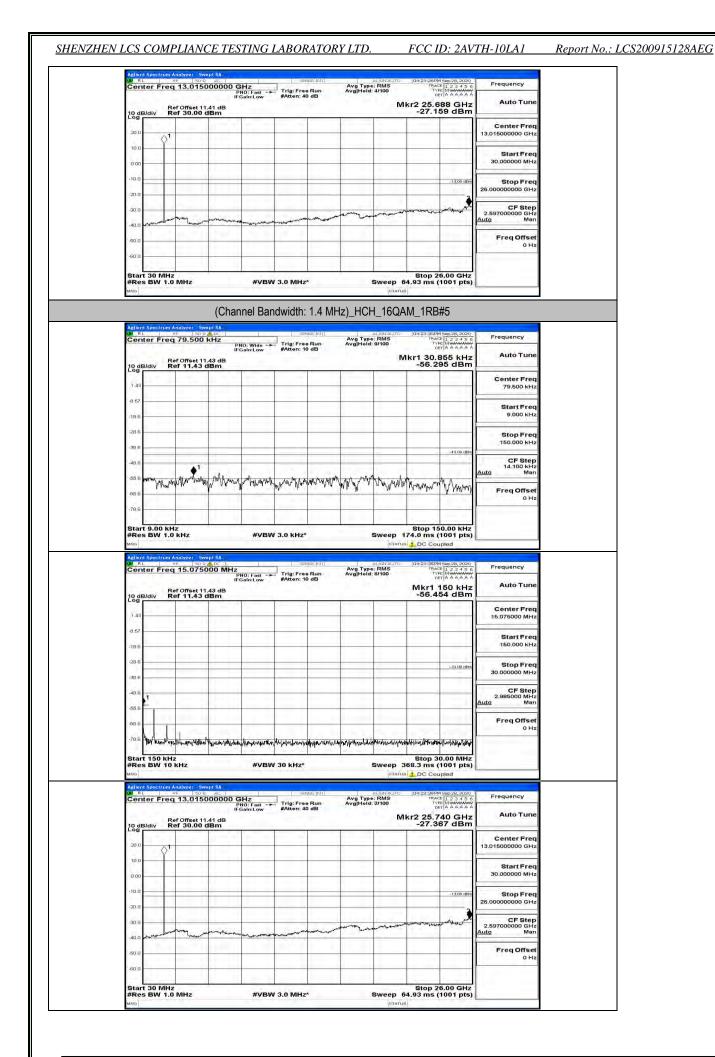
Freq Offset 0 Ha

-43.00 df

Stop 150.00 kHz Sweep 174.0 ms (1001 pts)



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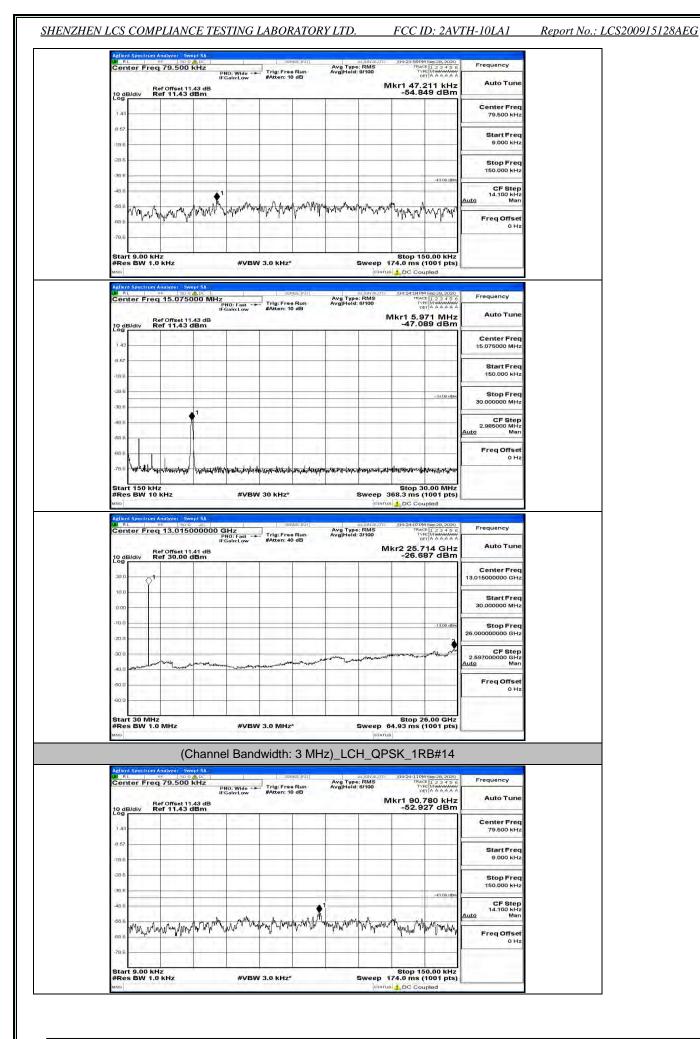


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Channel Bandwidth: 3 MHz

| Agilent Spectrum Analyzer | 50 9 A DC | service:ini (| ALIGNAUTO | 04:23:46 PM Sep 28, 2020 | Frequency |
|--|--|--|----------------------------------|---|-------------------------------------|
| Center Freq 79.5 | PNO: Wide - IFGain:Low et 11.43 dB | Trig: Free Run #Atten: 10 dB | Avg Type: RMS Avg Hold: 9/100 | ////////////////////////////////////// | Auto Tune |
| 10 dB/div Ref 11.4 | 43 dBm | | | -52.201 UBM | Center Freq |
| 1.43 | | | | | 79.500 kHz |
| -18.6 | | | | | Start Freq 9.000 kHz |
| -28.6 | | | | | Stop Freq 150.000 kHz |
| -40,6 -55,5 | a com a com | mannaveral | 1.0.00 | 545.00.00m | CF Step 14.100 kHz Auto Man |
| 100 - AMMANAMM | ha man anna | . A Mercar Morry | and a second water | ward why why | Freq Offset 0 Hz |
| -79.6 Start 9.00 kHz #Res BW 1.0 kHz | #VB | W 3.0 KHz* | | Stop 150.00 kHz 174.0 ms (1001 pts) | |
| MSG Agilent Spectrum Analyzer | Swept SA | | | s LDC Coupled | |
| Center Freq 15.0 | SD 9 A DC | Trig: Free Run #Atten: 10 dB | | 04:29:521M Sep 29, 2020 TRACE 2 2 3 4 5 6 TYPE MANAGE DET A A A A A A Mkr1 4.090 MHz -47.016 dBm | Frequency Auto Tune |
| 10 dB/div Ref 11.4 | | | | | Center Freq 15.075000 MHz |
| -8.57 | | | | | Start Freq 150.000 kHz |
| -28 6 | | | | -33.00 dbm | Stop Freq 30.000000 MHz |
| -48.6 | | | | | CF Step 2.985000 MHz Auto Man |
| -78.6 44 4 - 11 - 11 - 11 - 11 | เป็นเป็นสายคุณหมู่สายสูงไปเป็นได้เป็น | | | and the second second second second second | Freq Offset 0 Hz |
| -78.6 | | W 30 kHz* | | Stop 30.00 MHz 368.3 ms (1001 pts) | |
| MSG Agilent Spectrum Analyzer | Swept SA | | STATU | 8 1 DC Coupled | |
| Center Freq 13.0 | 15000000 GHz PNO: Fast IFGaln:Low | SENSE INT Trig: Free Run #Atten: 40 dB | Aug Type: RMS Avg Hold: 4/100 | 104:23:55 PM Sep 29, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A NET 2 5.662 GHz | Frequency Auto Tune |
| Log | tt 11.41 dB 00 dBm | | | -27.134 dBm | Center Freq 13.01500000 GHz |
| 10.0 | | | | | Start Freq 30.000000 MHz |
| ×10.0 | | | | -13.00 dtm | Stop Freq 26.00000000 GHz |
| -20.0 -30.0 | | | - and a superior | | CF Step 2.59700000 GHz |
| -60.0 | and the second s | And a second second second second | | | Auto Man Freq Offset 0 Hz |
| -60.0 | | | | | |
| Start 30 MHz #Res BW 1.0 MHz | | W 3.0 MHz* | Sween | Stop 26.00 GHz 54.93 ms (1001 pts) | |

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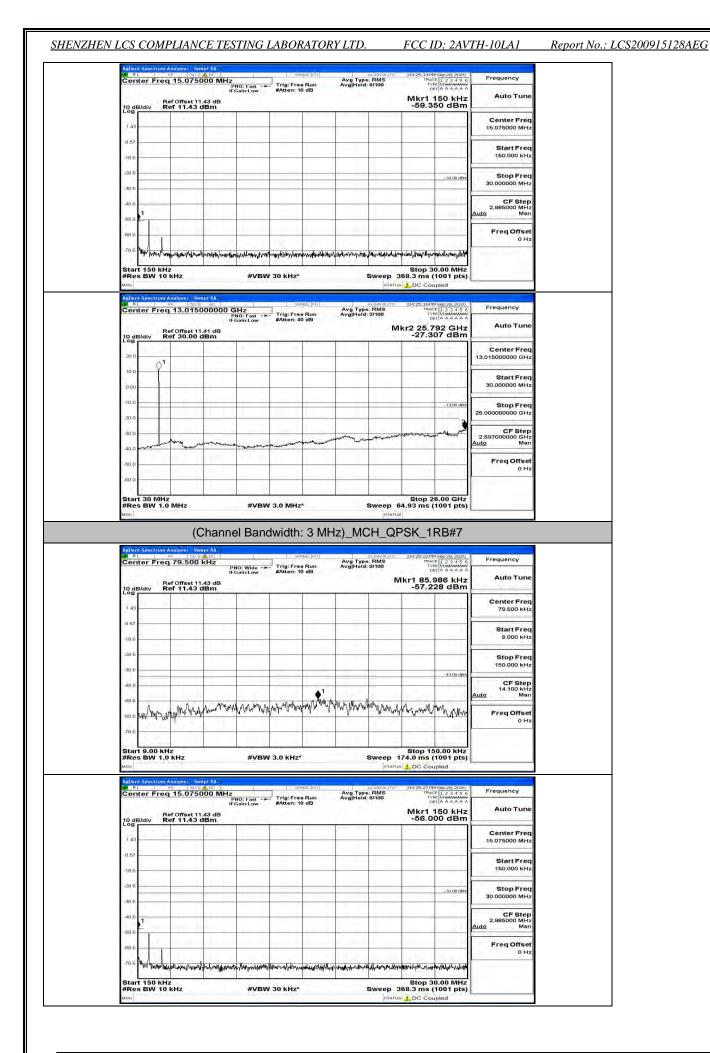


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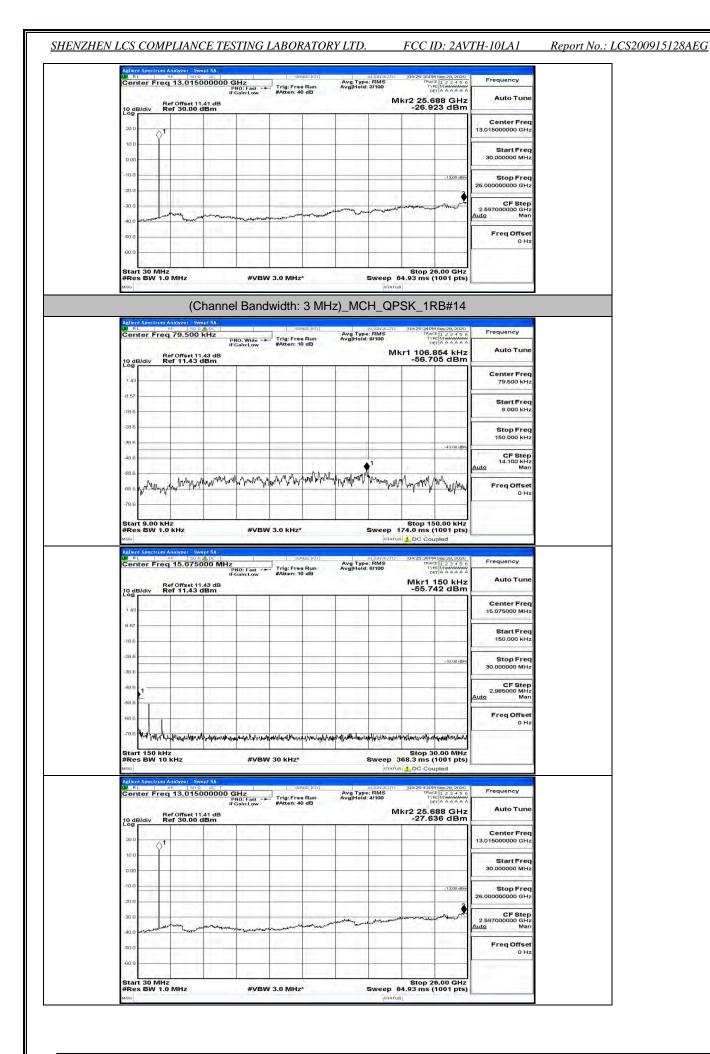
| | IFGair | Fast Trig: Free | Run AvgiH | ype: RMS old: 8/100 | D4:24:16 PM Sep 28, 2020 TRACE 1 2 3 4 5 6 TYPE MINIMUM DET A A A A A Kr1 7.911 MHz | Frequency | |
|--|---|--------------------------------|-----------------------|-------------------------------------|---|--|--|
| 10 dB/div Ref 11 | et 11.43 dB .43 dBm | | | | -47.679 dBm | | |
| 1.43 | | | | | | Center Freq 15.075000 MHz | |
| -18.6 | | | | | | Start Freq 150.000 kHz | |
| -28.6 | | | | | - 38.00 itlen | Stop Freq 30.000000 MHz | |
| -48.6 | * ¹ | | | | | CF Step 2.985000 MHz Auto Man | |
| -68.6 | | | | | | Freq Offset | |
| -78.6 W WWW party the | consultant and through | haline-incorporation day water | nd peakspering and an | aneoryphicador | hearthallowing and an and a second | | |
| and the second se | | | | | | | |
| Start 150 kHz #Res BW 10 kHz | | #VBW 30 kHz* | | | Stop 30.00 MHz 8.3 ms (1001 pts) | | |
| #Res BW 10 kHz MSG Addient Spectrum Analyze BM RL RF | 50 Q AC | SEW | ac.IVT | STATUS | 8.3 ms (1001 pts) | | |
| #Res BW 10 kHz | 015000000 GHz PN0: IFGain set 11.41 dB | SEW | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 ms (1001 pts) | Frequency Auto Tune | |
| #Res BW 10 kHz | 015000000 GHz PN0: IFGair | | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 ms (1001 pts) DC Coupled | Frequency Auto Tune | |
| #Res BW 10 kHz | 015000000 GHz PN0: IFGain set 11.41 dB | | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 ms (1001 pts) DC Coupled | Frequency Auto Tune Center Freq | |
| #Res BW 10 kHz uno Center Freq 13. Conter Freq | 015000000 GHz PN0: IFGair set 11.41 dB | | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 ms (1001 pts) DC Coupled | Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq | |
| #Res BW 10 kHz | 015000000 GHz PN0: IFGair set 11.41 dB | | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 mis (1001 pts) DC Coupled 1012/1011M Sep 26,2000 Tree [14 AAAAA ref [14 AAAAA r2 25,688 GHz -27.339 dBm | Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq 20.00000000 GHz 25.00000000 GHz 2.597000000 GHz | |
| #Res BW 10 kHz uno Allent forcer from Androx Center Freq 13, 10 dB/dt/v 20 0 10 0 10 0 20 0 10 0 20 0 10 0 20 0 | 015000000 GHz PN0: IFGair set 11.41 dB | | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 mis (1001 pts) DC Coupled 1012/1011M Sep 26,2000 Tree [14 AAAAA ref [14 AAAAA r2 25,688 GHz -27.339 dBm | Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz 25.00000000 GHz 2.597000000 GHz 2.597000000 GHz Δuto Man | |
| #Res BW 10 kHz | 015000000 GHz PN0: IFGair set 11.41 dB | | Run Avg T | ALIGNAUTO YPE: RMS old: 4/100 | 8.3 mis (1001 pts) DC Coupled 1012/1011M Sep 26,2000 Tree [14 AAAAA ref [14 AAAAA r2 25,688 GHz -27.339 dBm | Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.507000000 GHz 2.507000000 GHz Auto Man | |

| Center Freq 79.500 kHz | PNO: Wide Trig: Free Run | Avg Type: RMS Avg Hold: 9/100 | 04:25:00 PM Sep 28, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET & & & & A | Frequency |
|---|---------------------------------|----------------------------------|---|---|
| Ref Offset 11.43 dE 0 dB/div Ref 11.43 dBm | IFGain:Low #Atten: 10 dB | al a contract | /kr1 87.255 kHz -57.541 dBm | 100 A 100 |
| 1.43 | | | | Center Freq 79.500 kHz |
| 167 | | | | Start Freq 9.000 kHz |
| 38.6 | | | | Stop Freq 150.000 kHz |
| 48.6 | • • | | 43.00 itBm | CF Step 14.100 kHz Auto Man |
| as a ANNAMPLANCHURSTWAT | w how many how was how how have | mary burnew any | al manual and a server | Freq Offset 0 Hz |
| -78.6 Start 9.00 kHz #Res BW 1.0 kHz | #VBW 3.0 kHz* | | Stop 150.00 kHz 174.0 ms (1001 pts) | |

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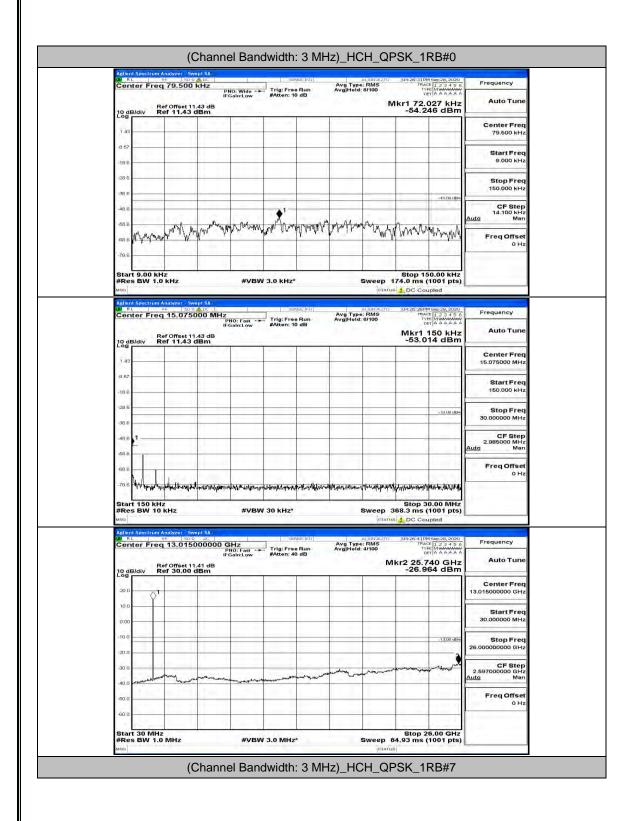
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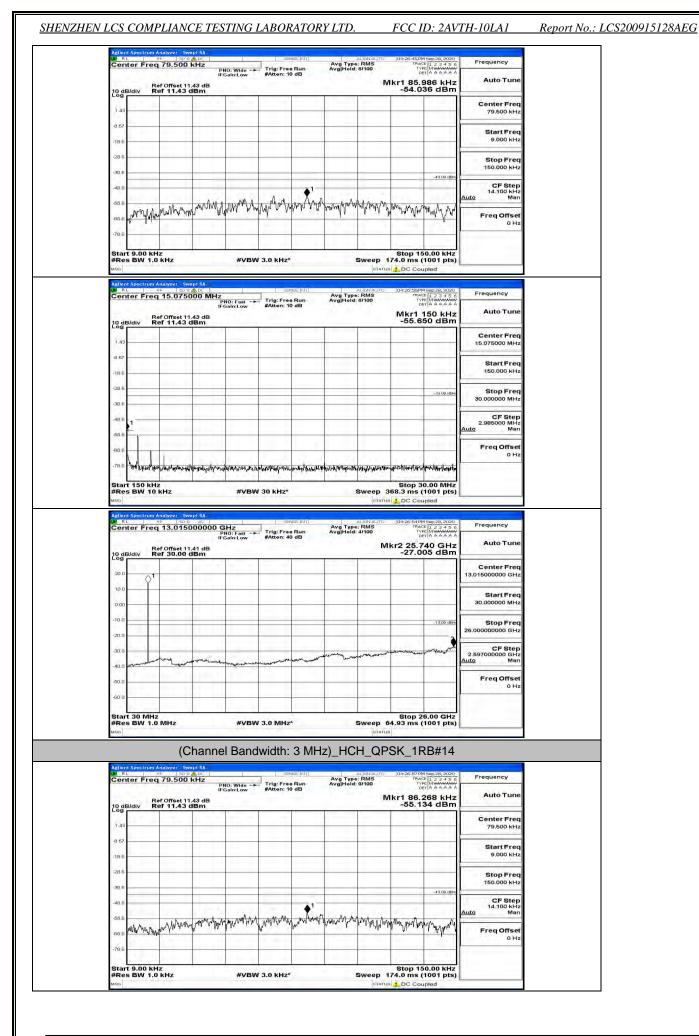
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SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AVTH-10LA1

Report No.: LCS200915128AEG

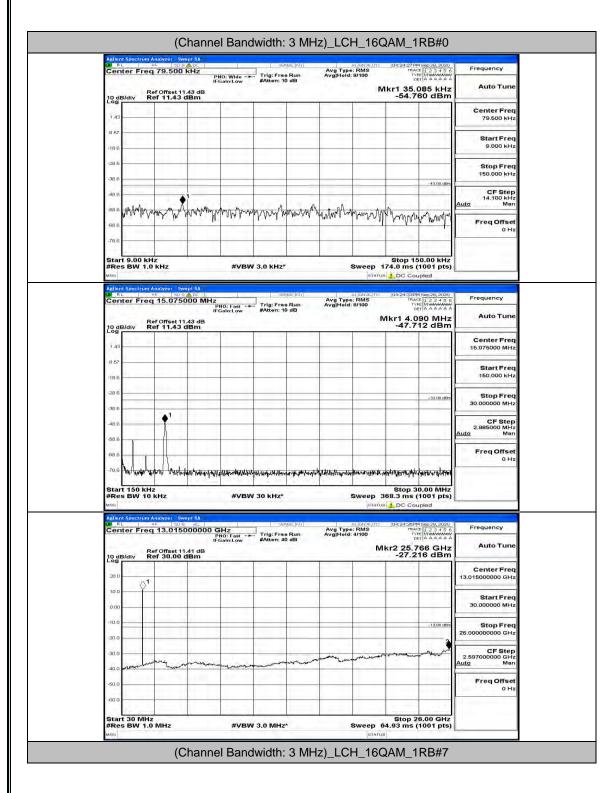


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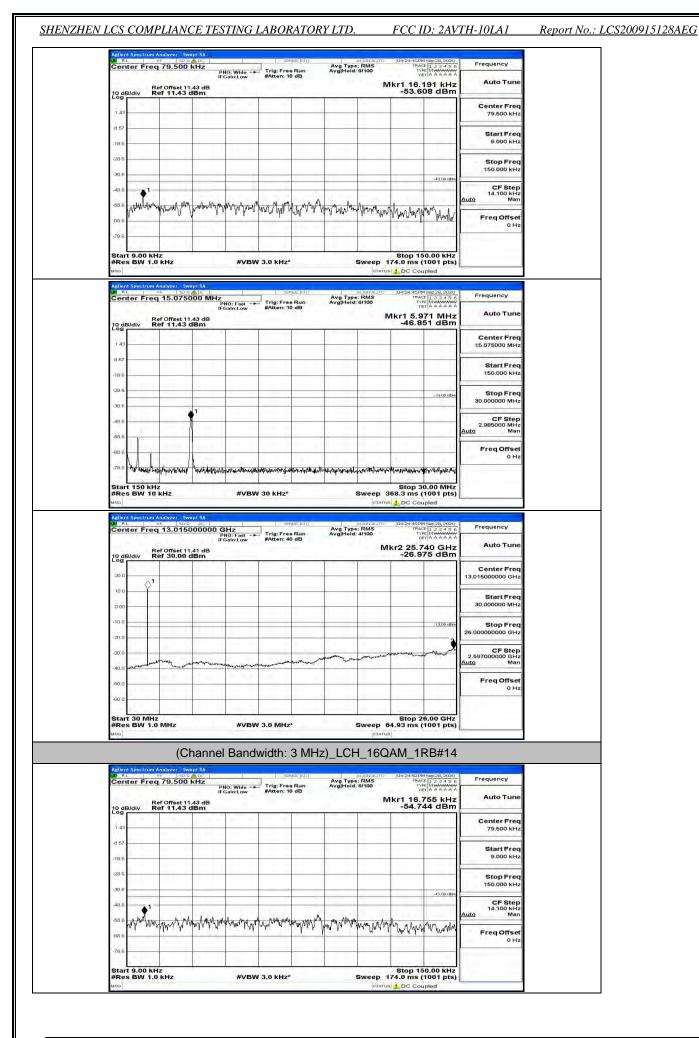


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| Frequency | 04:27:03PM Sep 28, 2020 TRACE 1 2 3 4 5 6 TYPE MUMUMUM DET A A A A A A | Avg Type: RMS Avg Hold: 8/100 | Trig: Free Run #Atten: 10 dB | 075000 MHz PNO: Fast -+ IFGain:Low | ter Freq 15.07 |
|---|---|--|--|---|---|
| Auto Tune | Mkr1 150 kHz -55.672 dBm | | | set 11.43 dB 1.43 dBm | B/div Ref 0ffset |
| Center Freq 15.075000 MHz | | | | | |
| Start Freq 150.000 kHz | | | | | |
| Stop Freq 30.000000 MHz | -33.00 idan | | | | |
| CF Step 2.985000 MHz Auto Man | | | | | 1 |
| | | | | | |
| Freq Offset 0 Hz | | | | | |
| | | administer and the second of | And the second | water and the structure of the second second | t 150 kHz |
| | /ພູສາຟັນສາໄດ່ມີອີຟູສາດາດນີ້ Stop 30.00 MHz 368.3 ms (1001 pts) ໝ 🔔 DC Coupled | Sweep | Youlf-t/makkatki/lialiyi/ V 30 kHz* | and hear defined | t 150 KHZ S BW 10 KHZ |
| | Stop 30.00 MHz 368.3 ms (1001 pts) DC Coupled | Sweep atati Autonauro Avg Type: BMS | V 30 KHz* | #VBV | t 150 kHz s BW 10 kHz ht Spectrum Analyzer |
| 0 Hz | Stop 30.00 MHz 368.3 ms (1001 pts) | Sweep gran Autonauro Avg Type: RMS Avg]Heid: 4/100 | V 30 KHz* | #VBV | 1 150 KHz s BW 10 KHz S SPectrum Analyzer ber Freq 13.01 Ref Offset |
| 0 Hz | Stop 30.00 MHz 368,3 ms (1001 pts) DC Coupled | Sweep gran Autonauro Avg Type: RMS Avg]Heid: 4/100 | V 30 KHz* | #VBV sr Swept SA SO Q AC D15000000 GHz PN07 Fast IF50inLow set 11.41 dB | 1 150 KHz s BW 10 KHz S SPectrum Analyzer ber Freq 13.01 Ref Offset |
| Frequency Auto Tune Center Freq | Stop 30.00 MHz 368,3 ms (1001 pts) DC Coupled | Sweep gran Autonauro Avg Type: RMS Avg]Heid: 4/100 | V 30 KHz* | #VBV sr Swept SA SO Q AC D15000000 GHz PN07 Fast IF50inLow set 11.41 dB | 1 150 KHz s BW 10 KHz S SPectrum Analyzer ber Freq 13.01 Ref Offset |
| Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq | Stop 30.00 MHz 368,3 ms (1001 pts) DC Coupled | Sweep gran Autonauro Avg Type: RMS Avg]Heid: 4/100 | V 30 KHz* | #VBV sr Swept SA SO Q AC D15000000 GHz PN07 Fast IF50inLow set 11.41 dB | 1 150 KHz s BW 10 KHz S SPectrum Analyzer ber Freq 13.01 Ref Offset |
| Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq | Stop 30.00 MHz 368.3 ms (1001 pts) C C Coupled (0127/00 M sec 2000) Protection (12.2.2.00 Original AnaAna A Alkr2 25.714 GHz -27.494 dBm | Sweep gran Autonauro Avg Type: RMS Avg]Heid: 4/100 | V 30 KHz* | #VBV sr Swept SA SO Q AC D15000000 GHz PN07 Fast IF50inLow set 11.41 dB | 1 150 KHz s BW 10 KHz S SPectrum Analyzer ber Freq 13.01 Ref Offset |

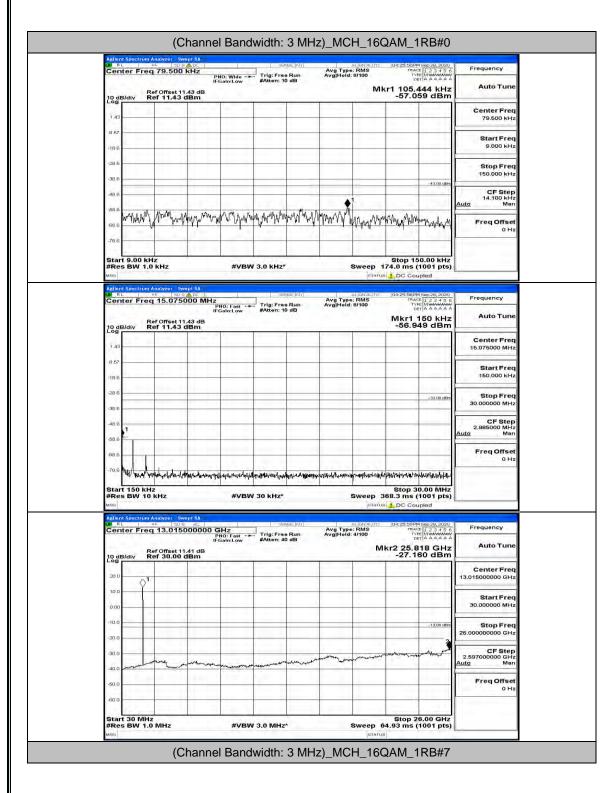


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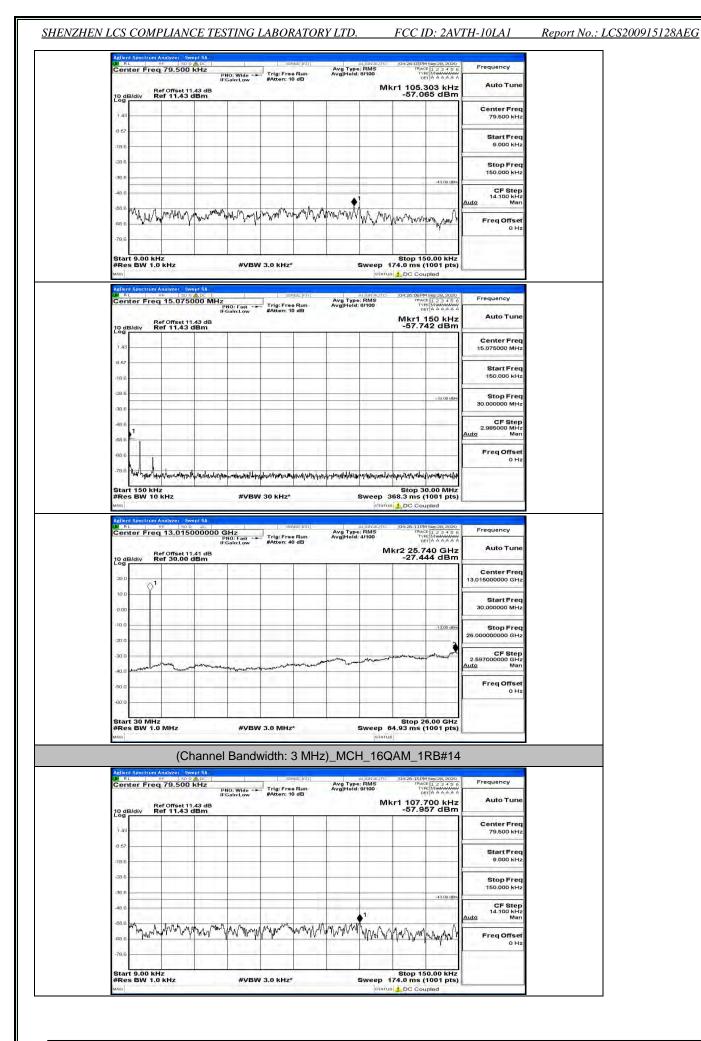


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| Aglient Spectrum Analyze WRL 96 Center Freq 15.0 | SD 9 A DC S | Avg Type: RMS Avg Type: RMS as Run Avg Hold: 8/100 | 10 [04:24:58PM Sep 28, 2020 TRACE [2 3 4 5 6 TYPE [M AAAAA DET A AAAAAA | Frequency | |
|--|--|--|---|---|--|
| 10 dB/div Ref Offs | PNO: Fast #Atten: IFGain:Low #Atten: 43 dBm | 10 dB | Mkr1 7.881 MHz -48.112 dBm | Auto Tune | |
| 1.43 | | | | Center Freq 15.075000 MHz | |
| -18.6 | | | | Start Freq 150.000 kHz | |
| -28.6 | | | - 33.00 titim | Stop Freq 30.000000 MHz | |
| -48.6 | • 1 | | | CF Step 2.985000 MHz <u>Auto</u> Man | |
| -68.6 | | | | Freq Offset 0 Hz | |
| Start 150 kHz | non hand the second | 13-11 (12-20) <u>1-4</u> | Stop 30.00 MHz | | |
| Start 150 kHz #Res BW 10 kHz mo Addient Spectrome Analyze Center Freq 13,0 Ref offs | #VBW 30 kHz | Sweep | Stop 30.00 MHz 368.3 ms (1001 pts) | Frequency Auto Tune | |
| Start 150 kHz #Res BW 10 kHz woo Adlent Spectrum Analyse Center Freq 13,0 | #VBW 30 kHz | Sweep | Stop 30.00 MHz 368.3 ms (1001 pts) artual DC Coupled To 1012501FM Sep.28, 2020 The Mark 12 3 4 5 6 The Mark 23 4 5 6 The | 20112-01 | |
| Adding Spectrum analyze Maling Spectrum analyze Center Freq 13.0 10 dB/div Ref 30 30 0 | #VBW 30 kHz | Sweep | Stop 30.00 MHz 368.3 ms (1001 pts) artual DC Coupled To 1012501FM Sep.28, 2020 The Mark 12 3 4 5 6 The Mark 23 4 5 6 The | Auto Tune Center Freq | |
| Addred Spectra Market Start 150 kHz #Res BW 10 kHz was Center Freq 13.0 10 dB/div Ref 30 20 0 10 b/div Ref 30 10 b/di | #VBW 30 kHz | Sweep | Stop 30.00 MHz 368.3 ms (1001 pts) artual DC Coupled To 1012501FM Sep.28, 2020 The Mark 12 3 4 5 6 The Mark 23 4 5 6 The | Auto Tune Center Freq 13.015000000 GHz Start Freq | |
| Adlent Spectrom Analyze Benter Freq 13.0 Center Freq 13.0 200 0 10.0 200 0 200 | #VBW 30 kHz | Sweep | Stop 30.00 MHz 368.3 ms (1001 pts) 34100 C Coupled 10 (042501 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26,2001 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26 | Auto Tune Center Freq 13.015000000 GHz Start Freq 30.00000 MHz Stop Freq | |
| A time or Markawa Start 150 kHz #Res BW 10 kHz wno Center Freq 13.0 Center Freq 13.0 Center Freq 13.0 0 dB/div Ref 30 0 dB/div 10 dB/ | #VBW 30 kHz | Sweep | Stop 30.00 MHz 368.3 ms (1001 pts) 34100 C Coupled 10 (042501 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26,2001 M ap 26,2001 10 (042501 M ap 26,2001 M ap 26 | Start Freq 30.0500000 GHz Start Freq 30.000000 MHz Stop Freq 26.0000000 GHz 2.657000000 GHz | |



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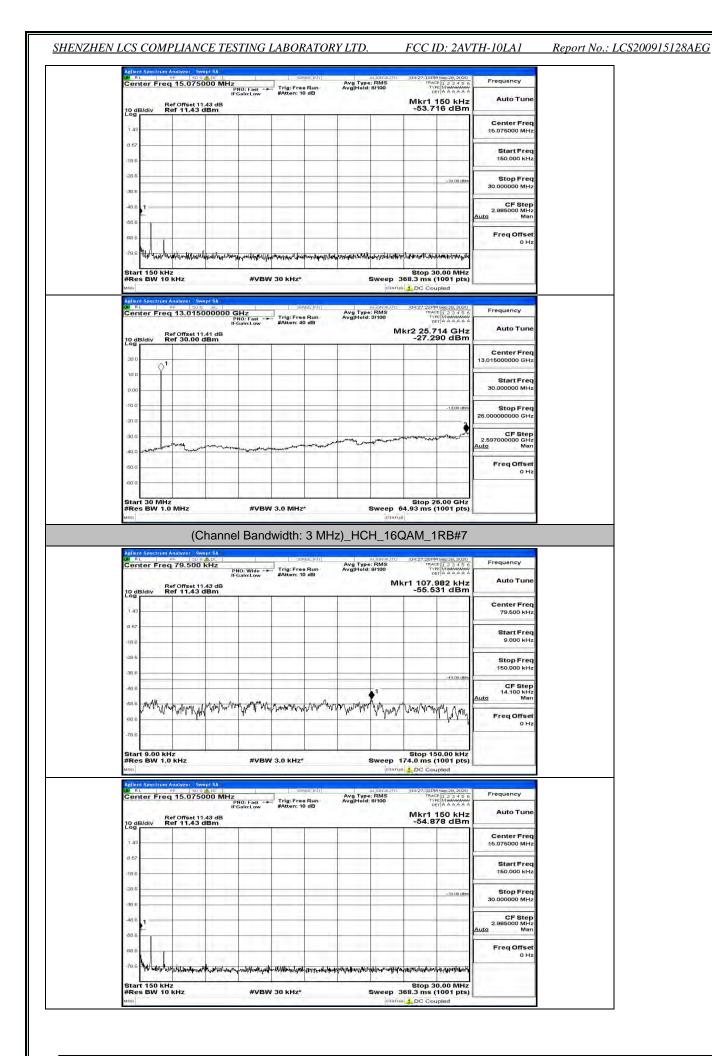


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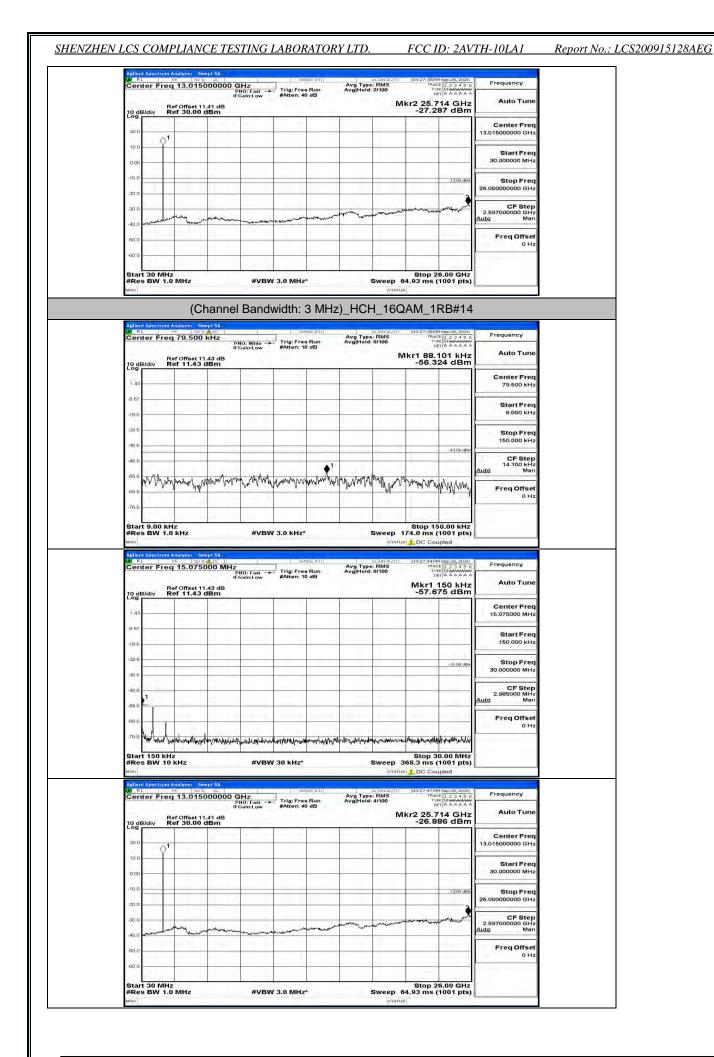
| Frequency Auto Tune | 04:26:201M Sep 28, 2020 TRACE 1 2 3 4 5 6 TYPE MUNICIPAL A A A A A DET A A A A A A Mkr1 150 kHz -58.263 dBm | Avg Type: RMS Avg Hold: 8/100 | ig: Free Run Miten: 10 dB | PNO: Fast Trig: | Trum Analyzer Swept SA 95 200 (ADC Freq 15.075000 M Ref Offset 11.43 dB Ref 11.43 dBm | Center |
|---|--|---|------------------------------|--|---|--|
| Center Freq 15.075000 MHz | | | | | | 1.43 |
| Start Freq 150.000 kHz | | | | | | -8.57 |
| Stop Freq 30.000000 MHz | ~ 30.00 rtEm | | | | | -28.6 |
| CF Step 2.985000 MHz Auto Man | | | | | | -48.6 1 |
| | | | | | | 68.6 |
| Freq Offset 0 Hz | | | | | and the second second | 1.216416 |
| | and the second sec | alleretur sinan malerialitarialita | นปนายมีปฏิกฏกษ์แห่งเป็ | interretive equility to a second state | white was | |
| | ໄຟທຸກຟາກ,ນີນຟາມາກ[ໄຟໂທນ Stop 30.00 MHz 368.3 ms (1001 pts) aDC Coupled | Sweep | Sect as | 4/14.174/24.441/11/14.44.17414 #VBW 30 KH |) KHZ / 10 KHZ | Start 1 #Res B |
| | Stop 30.00 MHz 368.3 ms (1001 pts) | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | Sect as | #VBW 30 kł | kHz | Start 1: #Res B MSC Addient Sp M/ RL Center |
| 0 Hz Frequency | Stop 30.00 MHz 368.3 ms (1001 pts) 3 DC Coupled 101:06:24 PM Sep 28, 2020 104:06:24 PM Sep 28, 202 | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | kHz* | #VBW 30 kł | 0 KHz / 10 KHz // 10 KHz // 50 C at Freq 13.01500000 Ref Offset 11.41 dB | Start 1: #Res B |
| 0 Hz Frequency Auto Tune Center Freq | Stop 30.00 MHz 368.3 ms (1001 pts) 3 DC Coupled 101:06:24 PM Sep 28, 2020 104:06:24 PM Sep 28, 202 | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | kHz* | #VBW 30 kł |) KH2 / 10 KH2 // 10 KH2 / | Start 1: #Res B Milo Adlient Sp W RL Center |
| 0 Hz Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq | Stop 30.00 MHz 368.3 ms (1001 pts) 3 DC Coupled 101:06:24 PM Sep 28, 2020 104:06:24 PM Sep 28, 202 | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | kHz* | #VBW 30 kł |) KH2 / 10 KH2 // 10 KH2 / | Септер 2000 -10.00 |
| 0 Hz Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq | Stop 30.00 MHz 368.3 ms (1001 pts) | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | kHz* | #VBW 30 kł |) KH2 / 10 KH2 // 10 KH2 / | Start 1: #Res B Mile 20 0 10 0 20 0 -10 0 |
| Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 GHz Stop Freq 25.00000000 GHz | Stop 30.00 MHz 368.3 ms (1001 pts) → DC Coupled Discord Missip 20,2000 Net 16 2 3 - 15 0 Net 16 2 3 - | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | kHz* | #VBW 30 kł |) KH2 / 10 KH2 // 10 KH2 / | Start 1: #Res B Miso 200 0 10.0 -10.0 -20.0 |
| Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 GHz 25.0000000 GHz 25.000000 GHz 2.59700000 GHz Auto Man Freq Offset | Stop 30.00 MHz 368.3 ms (1001 pts) → DC Coupled Discord Missip 20,2000 Net 16 2 3 - 15 0 Net 16 2 3 - | Sweep stan autonaturo Avg Type: RMS Avg Hold: 3/100 | kHz* | #VBW 30 kł | D kHz 1 10 kHz 10 kHz 10 kHz 100 Andiyzer (1999) 5A 100 C misel (11.41 dB Ref 30.00 dBm 1 1 1 1 1 1 1 1 1 1 1 1 1 | NP Start 1: #Res B Mato Actient Sp. 20.0 10.0 20.0 -10.0 -20.0 -30.0 -40.0 |

| Center Freq 79.500 kHz | Z PNO: Wilds Trig: Free R | Avg Type: RMS Avg Hold: 8/100 | 12:14 PM Sep 28, 2020 TRACE 1 2 3 4 5 6 TYPE MINANAW DET A A A A A A | Frequency |
|-------------------------|---------------------------------|----------------------------------|---|--|
| Ref Offset 11.43 dBn | dB | Mkr1 | 15.768 kHz 55.867 dBm | Auto Tune |
| 1.43 | | | | Center Freq 79.500 kHz |
| 18.6 | | | | Start Freq 9.000 kHz |
| 28.6 | | | | Stop Freq 150.000 kHz |
| 40.6 | | | -43.00 dBm | CF Step 14.100 kHz <u>Auto</u> Man |
| 60.6 Wamp Work War who | and a proprious and parliaments | wanna wall the the war war | www.man | Freq Offset 0 Hz |
| -78.6 Start 9.00 kHz | | | op 150.00 kHz | |

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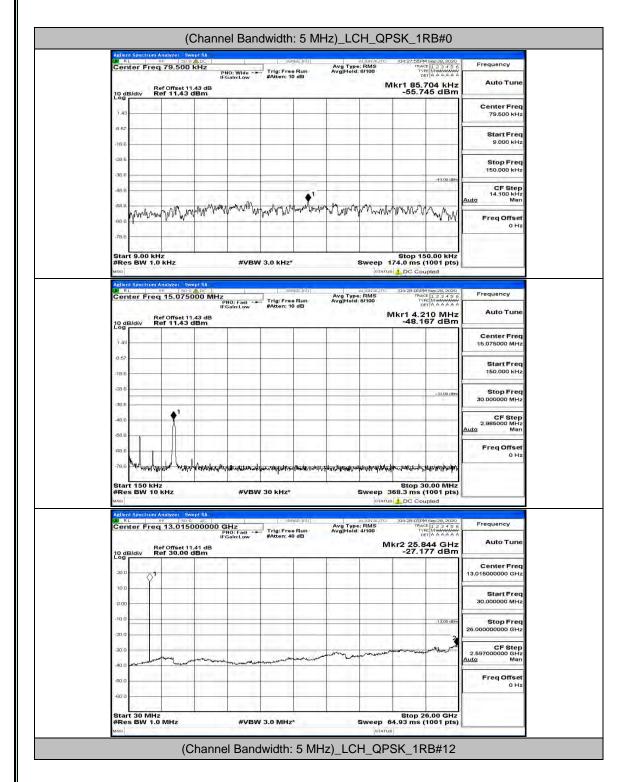


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Channel Bandwidth: 5 MHz



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