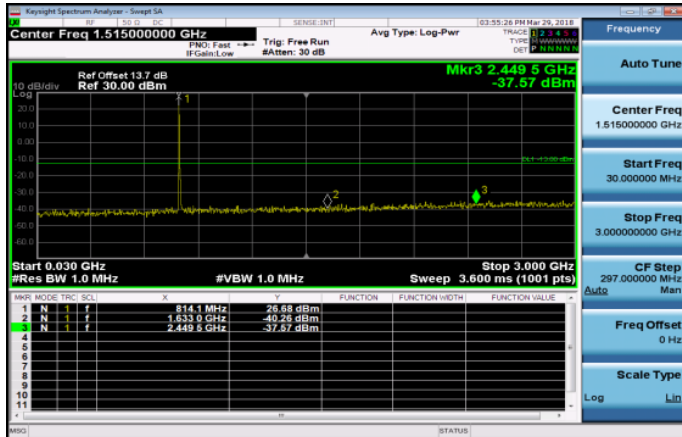
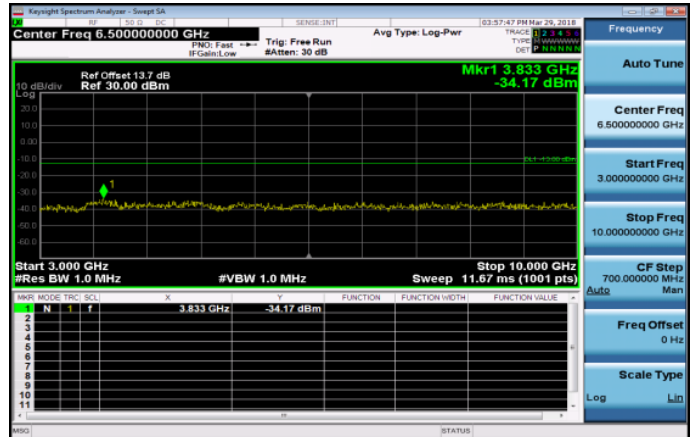


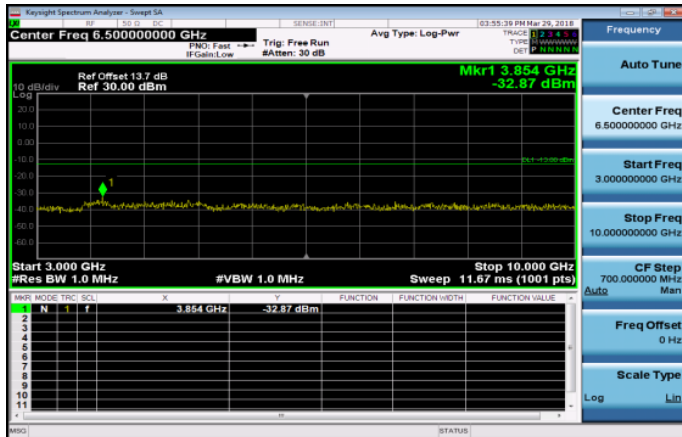
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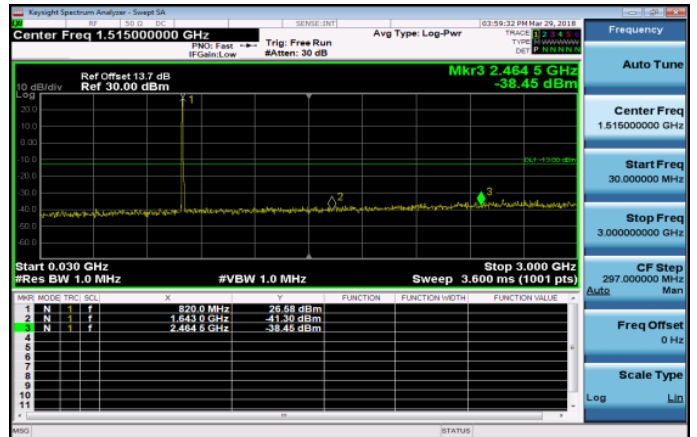
3GHz~10GHz_Band26_5MHz_QPSK_1_0_MidCH2674 0-819



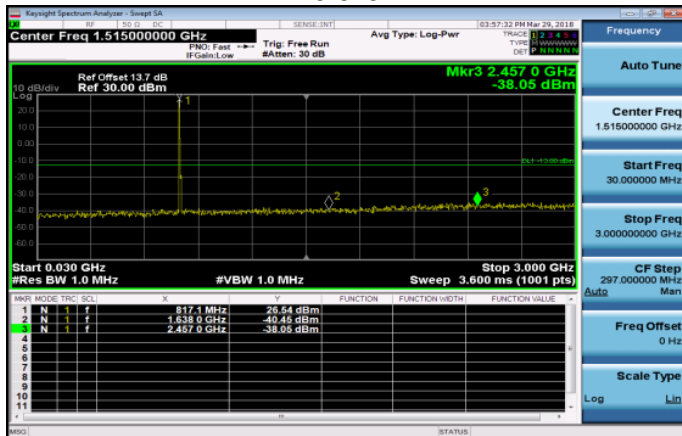
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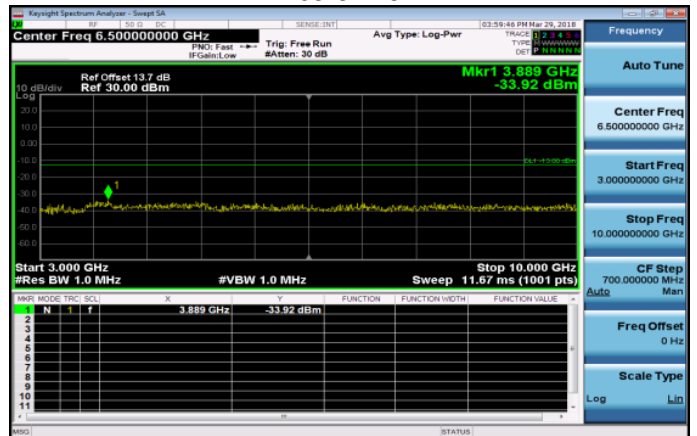
30MHz~3GHz_Band26_5MHz_QPSK_1_0_HighCH267 65-821.5



30MHz~3GHz_Band26_5MHz_QPSK_1_0_MidCH2674 0-819



3GHz~10GHz_Band26_5MHz_QPSK_1_0_HighCH267 65-821.5



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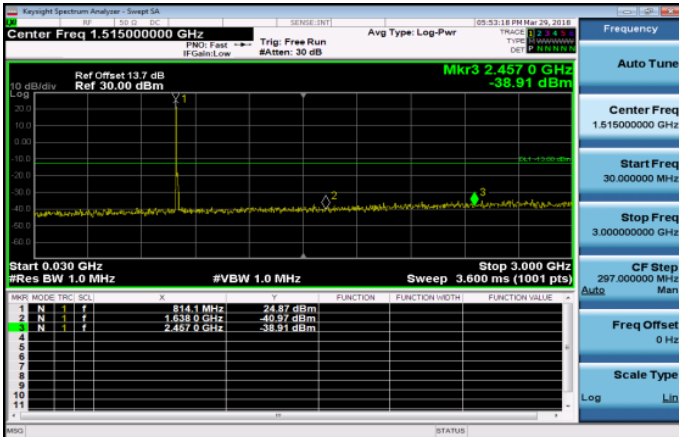
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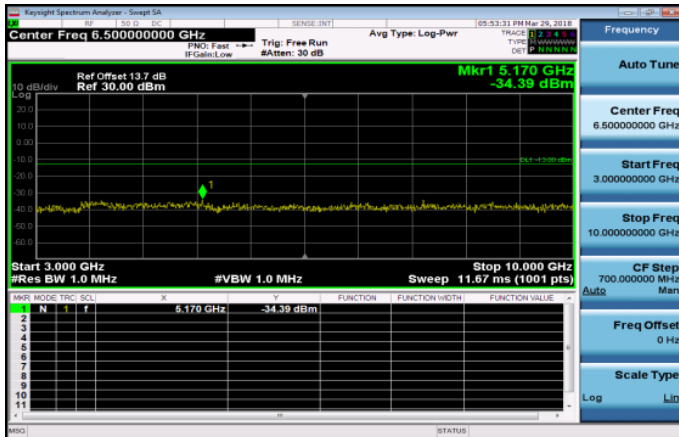
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30MHz~3GHz_Band26_10MHz_QPSK_1_0_MidCH267 40-819



3GHz~10GHz_Band26_10MHz_QPSK_1_0_MidCH2674 0-819



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10. FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

10.1. Standard Applicable

According to FCC §2.1053,

FCC §22.917(a) , §24.238(a) , §27.53 (h) , the magnitude of each spurious and harmonic emission that can be detected when the equipment is operated under the conditions specified in the instruction manual and/ or alignment procedure, shall not be less than $43 + 10 \log$ (mean output power in watts) dBc below the mean power output outside a license's frequency block (-13dBm).

§27.53 (c)

(2) On any frequency outside the 776– 788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB (-13dBm)

(4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations;

§27.53 (f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

FCC §27.53(c) (5) & FCC §27.53(g)

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

FCC §27.53(h) (3)

Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

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FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

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Table 2 — Unwanted Emissions for Mobile, Portable and Low-Power Fixed Subscriber Equipment

| Frequency (MHz) | Attenuation (dB) |
|-----------------|--------------------------------------|
| <2200 | $43 + 10 \log_{10}(p)$ |
| 2200 - 2288 | $70 + 10 \log_{10}(p)$ |
| 2288 - 2292 | $67 + 10 \log_{10}(p)$ |
| 2292 - 2296 | $61 + 10 \log_{10}(p)$ |
| 2296 - 2300 | $55 + 10 \log_{10}(p)$ |
| 2300 - 2305 | $43 + 10 \log_{10}(p)$ |
| 2305 - 2320 | $43 + 10 \log_{10}(p)^{\text{Note}}$ |
| 2320 - 2324 | $55 + 10 \log_{10}(p)$ |
| 2324 - 2328 | $61 + 10 \log_{10}(p)$ |
| 2328 - 2337 | $67 + 10 \log_{10}(p)$ |
| 2337 - 2341 | $61 + 10 \log_{10}(p)$ |
| 2341 - 2345 | $55 + 10 \log_{10}(p)$ |
| 2345 - 2360 | $43 + 10 \log_{10}(p)^{\text{Note}}$ |
| 2360 - 2365 | $43 + 10 \log_{10}(p)$ |
| 2365 - 2395 | $70 + 10 \log_{10}(p)$ |
| >2395 | $43 + 10 \log_{10}(p)$ |

Note: Measured at the edges of the highest and lowest frequency range(s) in which the equipment is designed to operate. See Section 1.2 for the permitted frequency ranges for various equipment types.

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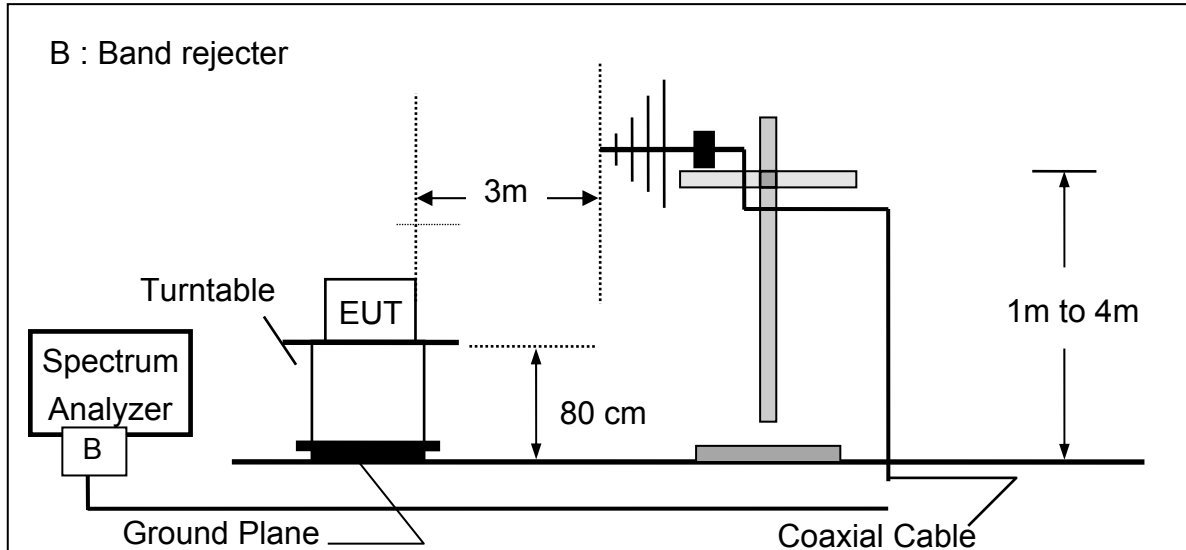
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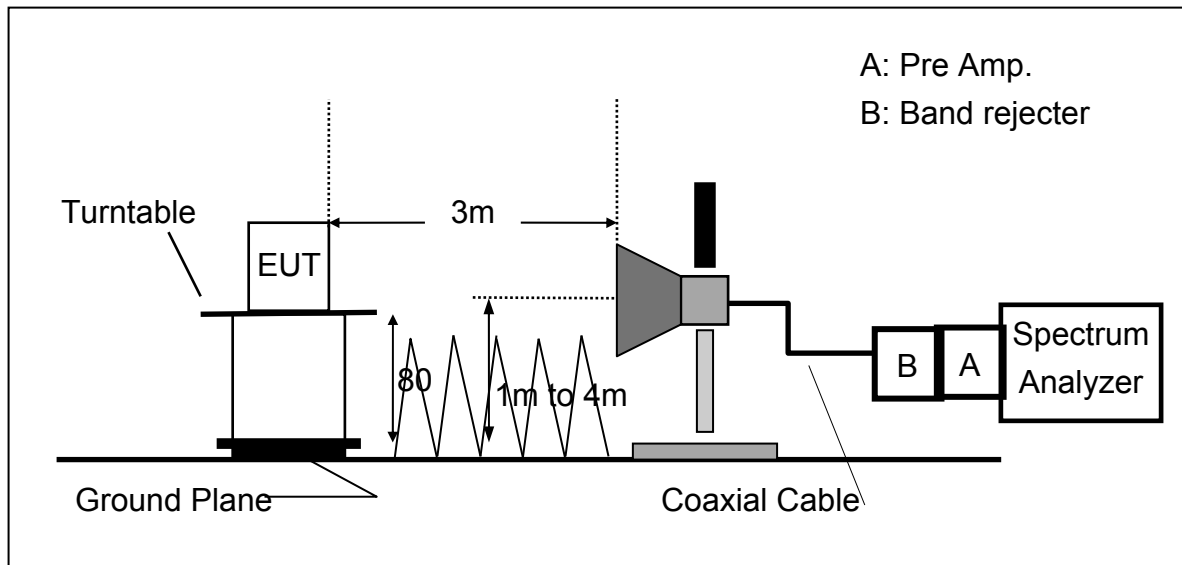
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10.2. EUT Setup

Radiated Emission Test Set-Up, Frequency Below 1000MHz



Radiated Emission Test Set-UP Frequency Over 1 GHz



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10.3. Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$$\text{ERP (dBm)} = \text{SG Level(dBm)} + \text{Antenna Gain(dBd)} + \text{Cable Loss(dB)}$$

$$\text{EIRP (dBm)} = \text{SG Level(dBm)} + \text{Antenna Gain(dBi)} + \text{Cable Loss(dB)}$$

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.
“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.
“---” : denotes Noise Floor.

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10.4. Measurement Equipment Used:

| ERP, EIRP MEASUREMENT EQUIPMENT List 966 Chamber | | | | | |
|--|---------------|--------------|---------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Bi-log Antenna | SCHWAZBECK | VULB9168 | 378 | 2017/12/29 | 2018/12/28 |
| Bi-log Antenna | SCHWAZBECK | VULB9168 | 300 | 2017/12/20 | 2018/12/19 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 309 | 2018/01/04 | 2019/1/3 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 1441 | 2017/08/04 | 2018/8/3 |
| Spectrum Analyzer | Agilent | E4446A | MY51100003 | 2017/05/10 | 2018/5/9 |
| EMI Test Receiver | R&S | ESCI7 | 100760 | 2017/06/06 | 2018/6/5 |
| Network Analyze | Anritsu | MS4644A | 1216312 | 2017/05/25 | 2018/5/24 |
| Radio Communi- cation Analyer | Anritsu | MT8820C | 6201465317 | 01/15/2018 | 01/14/2019 |
| Pre-Amplifier | HP | 8449B | 3008A00578 | 2018/01/02 | 2019/1/1 |
| Pre-Amplifier | HP | 8447D | 2944A07676 | 2018/01/02 | 2019/1/1 |
| Attenuator | Mini-Circuit | BW-S10W2+ | | 2018/01/02 | 2019/1/1 |
| Filter 800-1000 | Micro-Tronics | EWT | M1 | 2018/01/02 | 2019/1/1 |
| 1GHz High Pass Filter | Micro-Tronics | HPM50108 | 32 | 2018/01/02 | 2019/1/1 |
| Low Loss Cable | Huber Suhner | 966_RX | 9 | 2018/01/02 | 2019/1/1 |
| Low Loss Cable | Huber Suhner | 966 TX | 1 | 2018/01/02 | 2019/1/1 |

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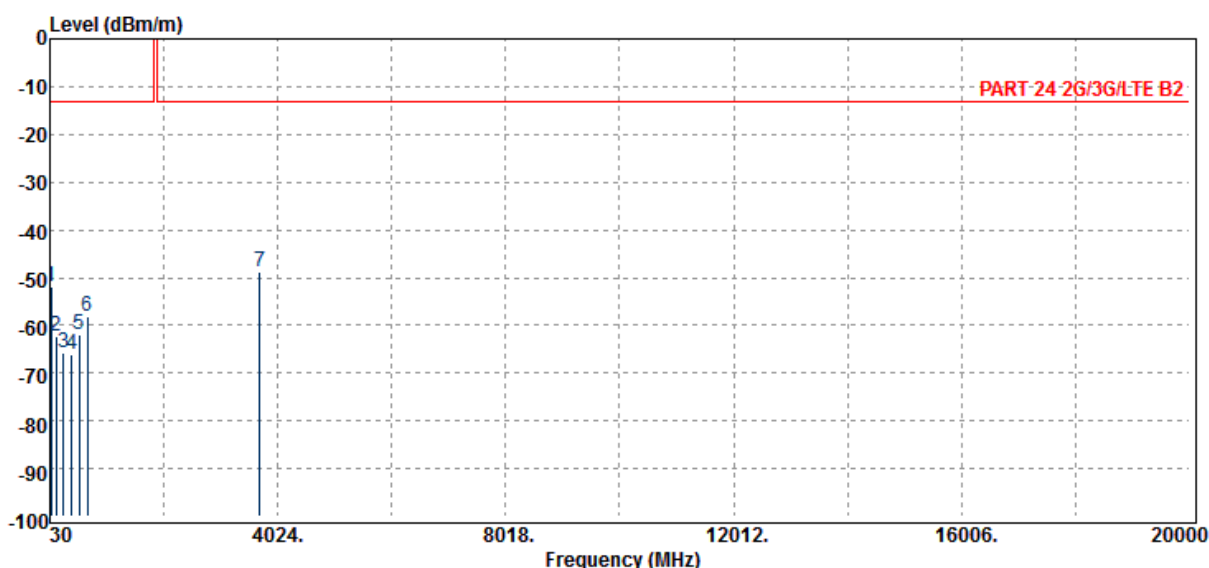
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10.5. Measurement Result:

Radiated Spurious Emission Measurement Result: HSDPA Band 2 Mode

| | | | |
|-----------------------|-------------|------------------|-------------------|
| Operation Band | :HSDPA B2 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1852.4 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -51.79 | -41.49 | -9.50 | -0.80 | -13.00 | -38.79 |
| 140.58 | S | -62.21 | -58.67 | -2.27 | -1.26 | -13.00 | -49.21 |
| 274.44 | S | -65.80 | -67.53 | 3.46 | -1.73 | -13.00 | -52.80 |
| 413.15 | S | -66.07 | -67.61 | 3.67 | -2.13 | -13.00 | -53.07 |
| 546.04 | S | -61.84 | -64.02 | 3.99 | -1.81 | -13.00 | -48.84 |
| 692.51 | S | -58.00 | -58.94 | 3.70 | -2.76 | -13.00 | -45.00 |
| 3704.80 | H | -48.86 | -54.52 | 12.57 | -6.90 | -13.00 | -35.86 |

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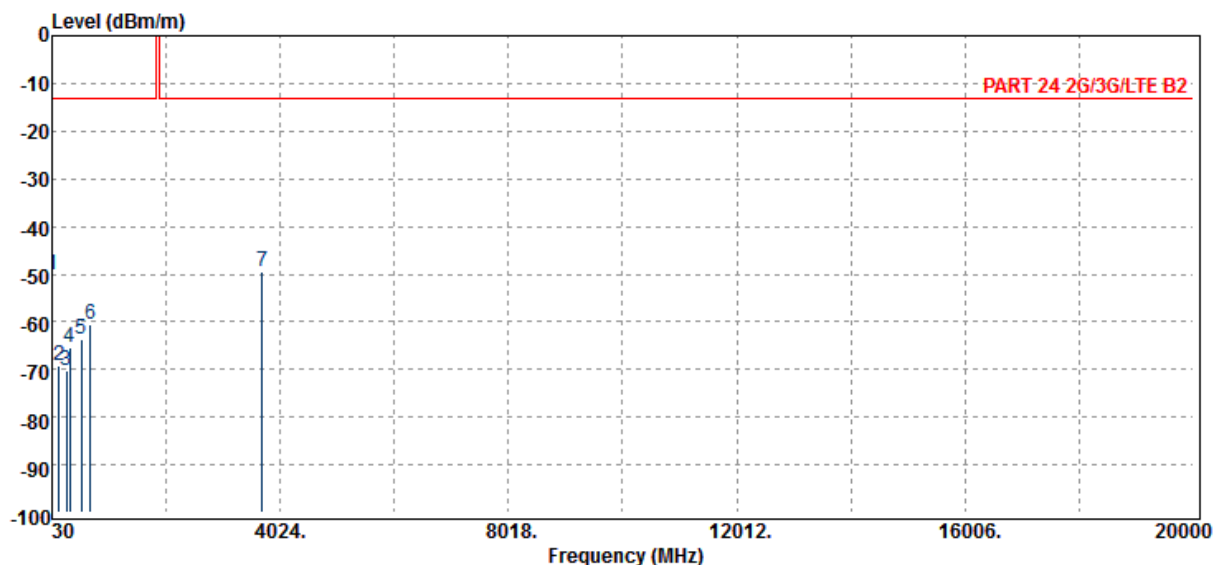
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| | | | |
|-----------------------|-------------|--------------------------|-------------------|
| Operation Band | :HSDPA B2 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1852.4 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.04 | -34.88 | -14.58 | -0.58 | -13.00 | -37.04 |
| 158.04 | S | -69.24 | -66.59 | -1.35 | -1.30 | -13.00 | -56.24 |
| 285.11 | S | -70.11 | -71.77 | 3.42 | -1.76 | -13.00 | -57.11 |
| 340.40 | S | -65.41 | -67.24 | 3.81 | -1.98 | -13.00 | -52.41 |
| 548.95 | S | -63.58 | -65.60 | 3.98 | -1.97 | -13.00 | -50.58 |
| 697.36 | S | -60.46 | -61.76 | 3.68 | -2.38 | -13.00 | -47.46 |
| 3704.80 | H | -49.50 | -55.17 | 12.57 | -6.90 | -13.00 | -36.50 |

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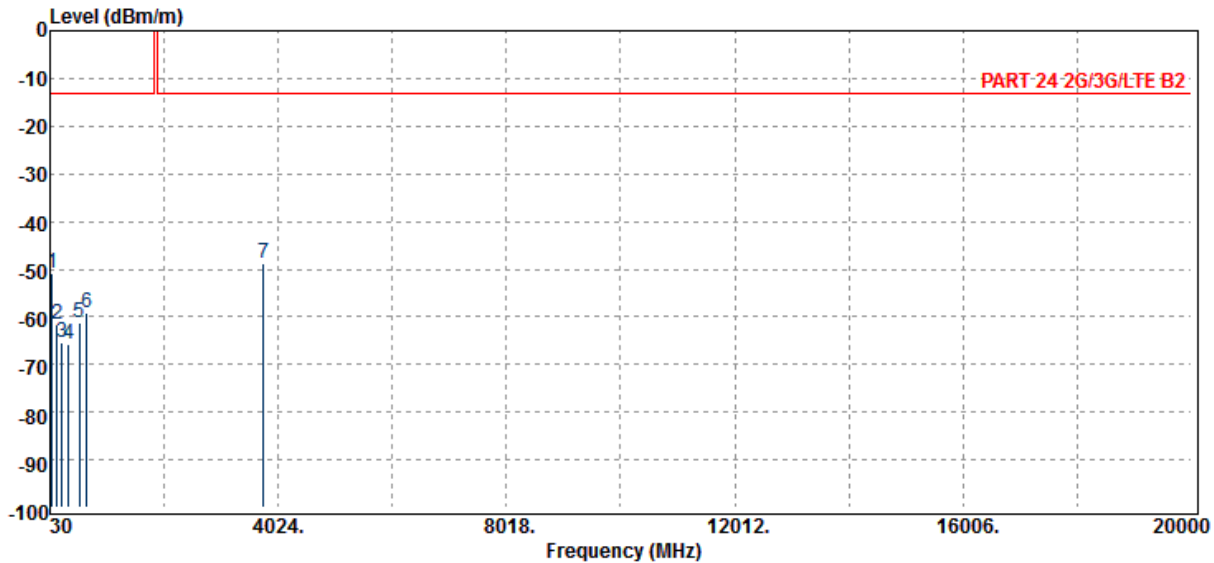
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| | | | |
|-----------------------|------------|------------------|-------------------|
| Operation Band | :HSDPA B2 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1880 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 61.04 | S | -50.90 | -41.56 | -8.50 | -0.83 | -13.00 | -37.90 |
| 146.40 | S | -61.62 | -58.35 | -1.98 | -1.29 | -13.00 | -48.62 |
| 245.34 | S | -65.30 | -67.11 | 3.51 | -1.69 | -13.00 | -52.30 |
| 359.80 | S | -65.76 | -67.52 | 3.83 | -2.06 | -13.00 | -52.76 |
| 547.01 | S | -61.38 | -63.50 | 3.98 | -1.86 | -13.00 | -48.38 |
| 670.20 | S | -59.16 | -60.61 | 3.77 | -2.31 | -13.00 | -46.16 |
| 3760.00 | H | -48.62 | -54.35 | 12.61 | -6.89 | -13.00 | -35.62 |

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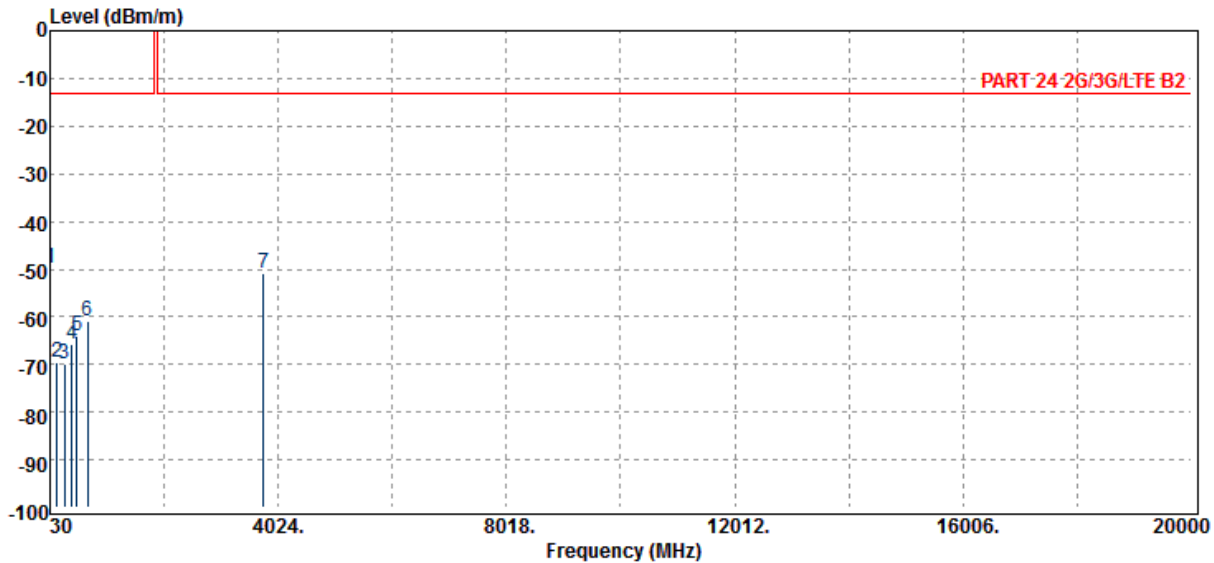
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :HSDPA B2 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1880 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -49.95 | -35.27 | -14.08 | -0.59 | -13.00 | -36.95 |
| 151.25 | S | -69.44 | -66.42 | -1.73 | -1.29 | -13.00 | -56.44 |
| 279.29 | S | -70.04 | -71.72 | 3.42 | -1.74 | -13.00 | -57.04 |
| 418.00 | S | -65.91 | -67.44 | 3.65 | -2.11 | -13.00 | -52.91 |
| 492.69 | S | -64.04 | -66.00 | 3.98 | -2.01 | -13.00 | -51.04 |
| 689.60 | S | -61.06 | -61.78 | 3.71 | -2.98 | -13.00 | -48.06 |
| 3760.00 | H | -50.94 | -56.67 | 12.61 | -6.89 | -13.00 | -37.94 |

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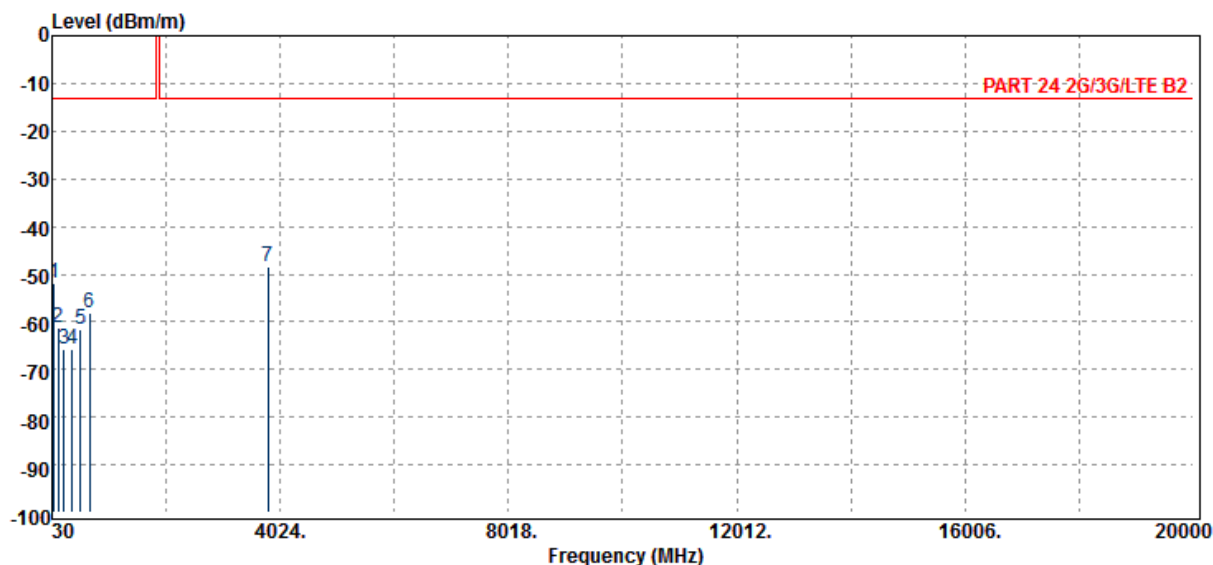
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Operation Band :HSDPA B2 Temp./Humi. :22 deg_C / 62 RH
Fundamental Frequency :1907.6 MHz Engineer :Tin
Operation Mode :Tx CH HIGH
EUT Pol. :H Plane Measurement Pol. Antenna :VERTICAL



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 61.04 | S | -51.81 | -42.47 | -8.50 | -0.83 | -13.00 | -38.81 |
| 136.70 | S | -61.36 | -57.93 | -2.19 | -1.24 | -13.00 | -48.36 |
| 239.52 | S | -65.81 | -67.61 | 3.47 | -1.67 | -13.00 | -52.81 |
| 386.96 | S | -65.71 | -67.44 | 3.75 | -2.02 | -13.00 | -52.71 |
| 532.46 | S | -61.56 | -63.30 | 4.01 | -2.27 | -13.00 | -48.56 |
| 684.75 | S | -58.13 | -58.52 | 3.72 | -3.32 | -13.00 | -45.13 |
| 3815.20 | H | -48.31 | -53.96 | 12.66 | -7.00 | -13.00 | -35.31 |

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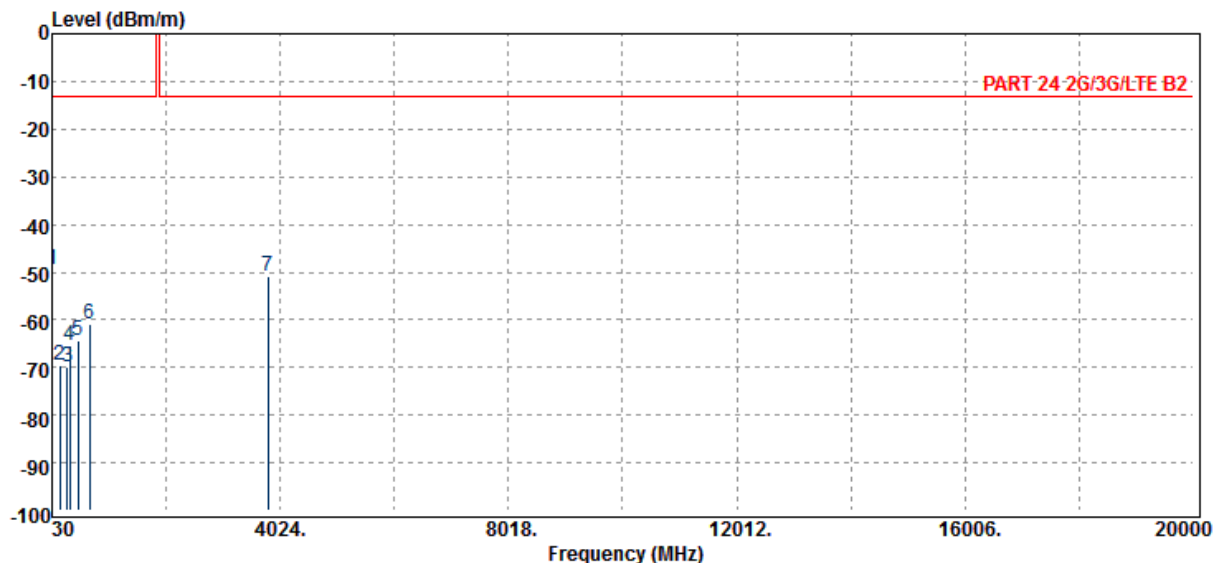
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Operation Band :HSDPA B2 Temp./Humi. :22 deg_C / 62 RH
Fundamental Frequency :1907.6 MHz Engineer :Tin
Operation Mode :Tx CH HIGH
EUT Pol. :H Plane Measurement Pol. Antenna :HORIZONTAL



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.40 | -34.24 | -14.58 | -0.58 | -13.00 | -36.40 |
| 168.71 | S | -69.40 | -67.38 | -0.70 | -1.33 | -13.00 | -56.40 |
| 299.66 | S | -69.82 | -71.61 | 3.61 | -1.82 | -13.00 | -56.82 |
| 342.34 | S | -65.32 | -67.15 | 3.82 | -1.99 | -13.00 | -52.32 |
| 487.84 | S | -64.41 | -66.46 | 3.93 | -1.89 | -13.00 | -51.41 |
| 686.69 | S | -60.91 | -61.42 | 3.72 | -3.21 | -13.00 | -47.91 |
| 3815.20 | H | -50.94 | -56.60 | 12.66 | -7.00 | -13.00 | -37.94 |

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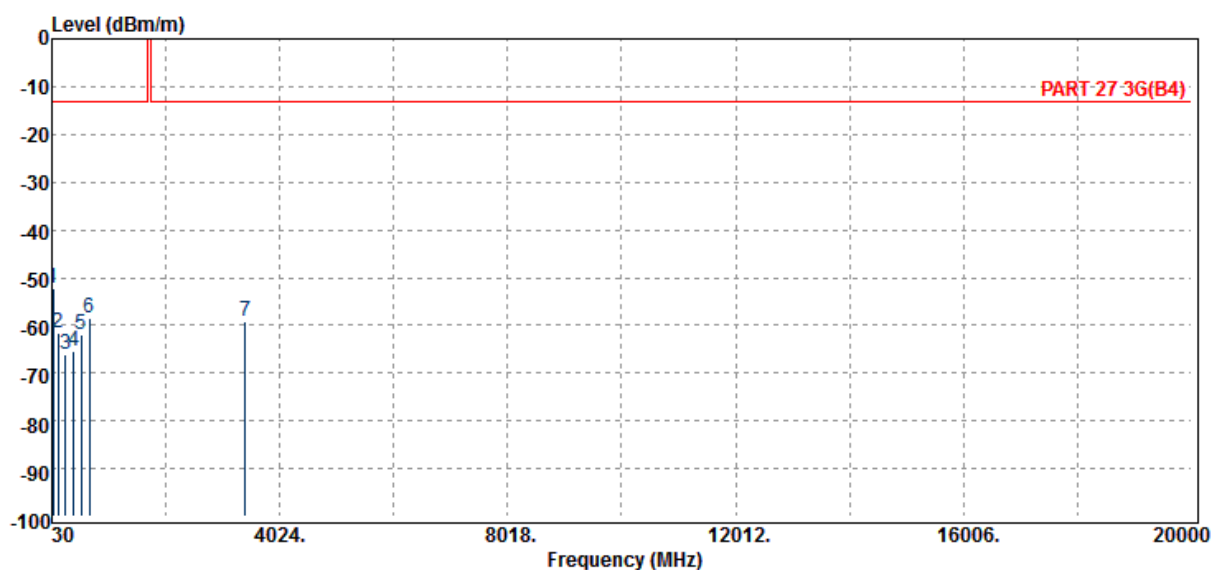
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Radiated Spurious Emission Measurement Result: HSDPA Band 4 Mode

| | | | |
|-----------------------|-------------|------------------|-------------------|
| Operation Band | :HSDPA B4 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1712.4 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.30 | -42.00 | -9.50 | -0.80 | -13.00 | -39.30 |
| 140.58 | S | -61.61 | -58.07 | -2.27 | -1.26 | -13.00 | -48.61 |
| 269.59 | S | -65.98 | -67.77 | 3.51 | -1.72 | -13.00 | -52.98 |
| 419.94 | S | -65.35 | -66.89 | 3.64 | -2.11 | -13.00 | -52.35 |
| 548.95 | S | -61.99 | -64.00 | 3.98 | -1.97 | -13.00 | -48.99 |
| 684.75 | S | -58.37 | -58.77 | 3.72 | -3.32 | -13.00 | -45.37 |
| 3424.80 | H | -59.12 | -64.81 | 12.23 | -6.54 | -13.00 | -46.12 |

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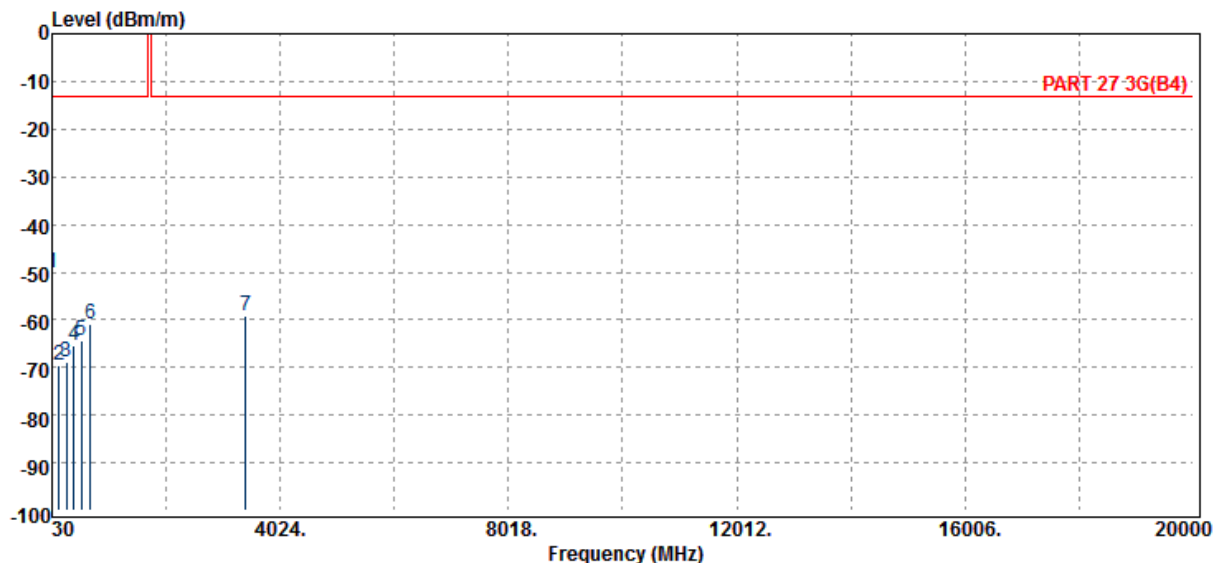
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :HSDPA B4 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1712.4 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.26 | -35.10 | -14.58 | -0.58 | -13.00 | -37.26 |
| 159.01 | S | -69.65 | -67.05 | -1.30 | -1.30 | -13.00 | -56.65 |
| 280.26 | S | -68.94 | -70.61 | 3.42 | -1.75 | -13.00 | -55.94 |
| 410.24 | S | -65.50 | -67.04 | 3.68 | -2.13 | -13.00 | -52.50 |
| 537.31 | S | -64.25 | -66.19 | 4.00 | -2.07 | -13.00 | -51.25 |
| 697.36 | S | -60.99 | -62.29 | 3.68 | -2.38 | -13.00 | -47.99 |
| 3424.80 | H | -59.33 | -65.02 | 12.23 | -6.54 | -13.00 | -46.33 |

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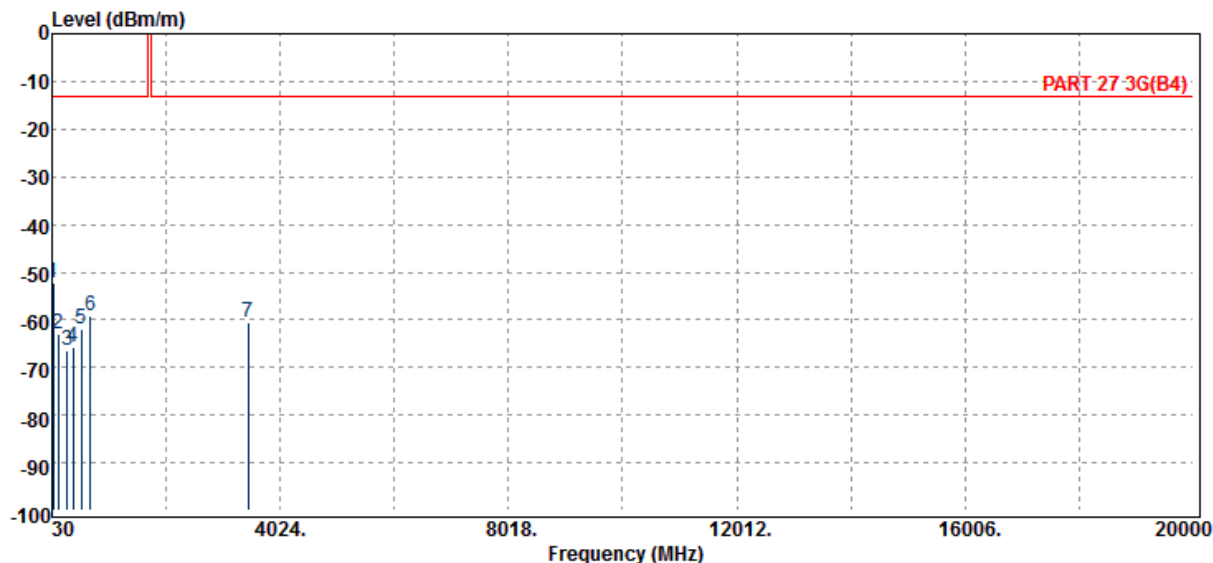
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| | | | |
|-----------------------|-------------|------------------|-------------------|
| Operation Band | :HSDPA B4 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1732.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. | Note | ERP/EIRP | SG | Antenna | Cable | Limit | Margin |
|---------|---------|----------|---------------------|-----------------|------------|--------|--------|
| MHz | F/H/E/S | dBm | Output Level dBm | Gain dBd/dBi | Loss dB | dBm | dB |
| 56.19 | S | -52.14 | -41.62 | -9.72 | -0.79 | -13.00 | -39.14 |
| 138.64 | S | -63.05 | -59.54 | -2.26 | -1.25 | -13.00 | -50.05 |
| 294.81 | S | -66.42 | -68.13 | 3.52 | -1.80 | -13.00 | -53.42 |
| 403.45 | S | -65.65 | -67.21 | 3.70 | -2.14 | -13.00 | -52.65 |
| 536.34 | S | -61.99 | -63.89 | 4.00 | -2.11 | -13.00 | -48.99 |
| 697.36 | S | -59.01 | -60.31 | 3.68 | -2.38 | -13.00 | -46.01 |
| 3465.20 | H | -60.61 | -66.38 | 12.32 | -6.56 | -13.00 | -47.61 |

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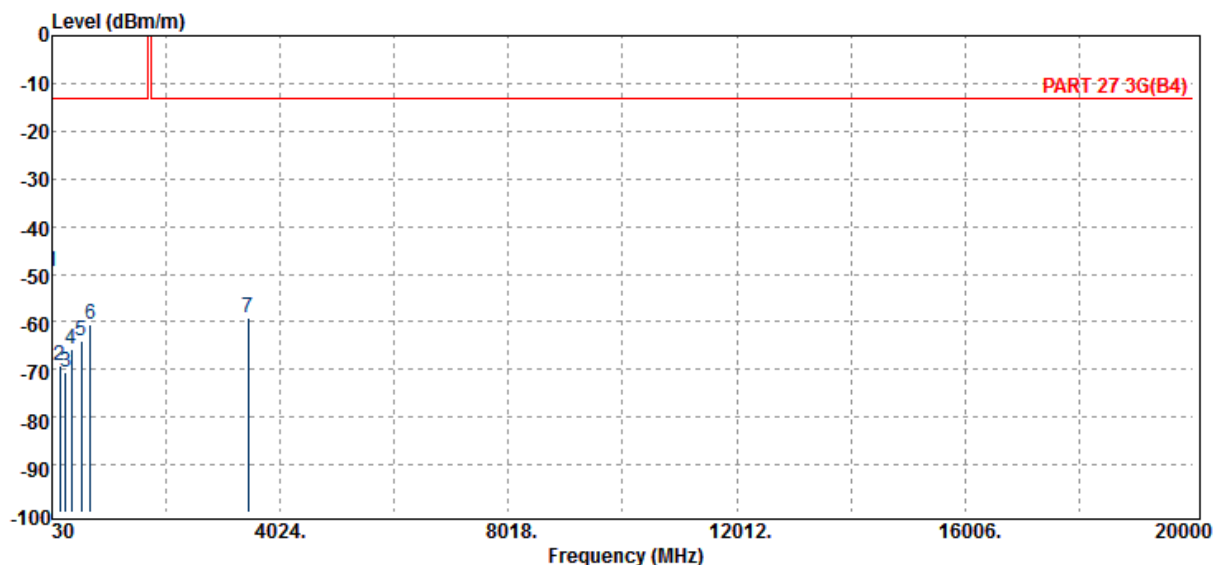
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|-----------------------|-------------|------------------|---------------------|
| Operation Band | :HSDPA B4 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1732.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -49.59 | -34.92 | -14.08 | -0.59 | -13.00 | -36.59 |
| 173.56 | S | -69.12 | -67.74 | -0.04 | -1.35 | -13.00 | -56.12 |
| 265.71 | S | -70.45 | -72.32 | 3.57 | -1.71 | -13.00 | -57.45 |
| 362.71 | S | -65.74 | -67.49 | 3.82 | -2.07 | -13.00 | -52.74 |
| 547.01 | S | -63.94 | -66.06 | 3.98 | -1.86 | -13.00 | -50.94 |
| 699.30 | S | -60.68 | -62.12 | 3.68 | -2.24 | -13.00 | -47.68 |
| 3465.20 | H | -59.23 | -64.99 | 12.32 | -6.56 | -13.00 | -46.23 |

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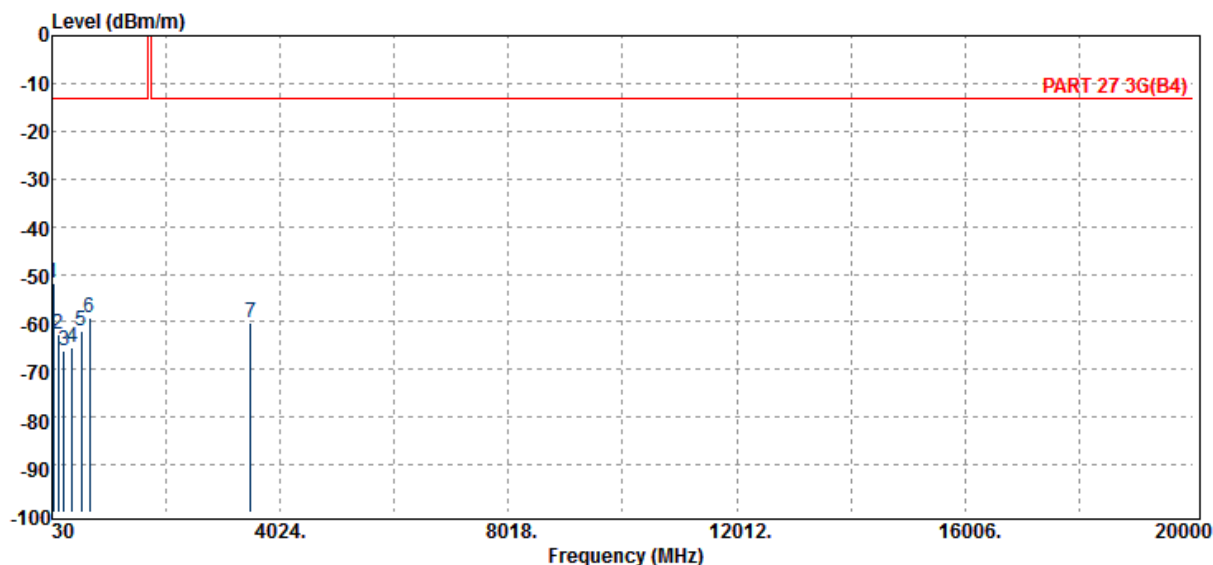
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| | | | |
|-----------------------|-------------|------------------|-------------------|
| Operation Band | :HSDPA B4 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1752.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.19 | S | -51.82 | -41.31 | -9.72 | -0.79 | -13.00 | -38.82 |
| 139.61 | S | -62.58 | -59.03 | -2.29 | -1.26 | -13.00 | -49.58 |
| 240.49 | S | -66.11 | -67.91 | 3.48 | -1.67 | -13.00 | -53.11 |
| 390.84 | S | -65.54 | -67.23 | 3.74 | -2.05 | -13.00 | -52.54 |
| 539.25 | S | -62.09 | -64.10 | 4.00 | -1.99 | -13.00 | -49.09 |
| 691.54 | S | -59.11 | -59.98 | 3.70 | -2.83 | -13.00 | -46.11 |
| 3505.20 | H | -60.25 | -65.99 | 12.40 | -6.66 | -13.00 | -47.25 |

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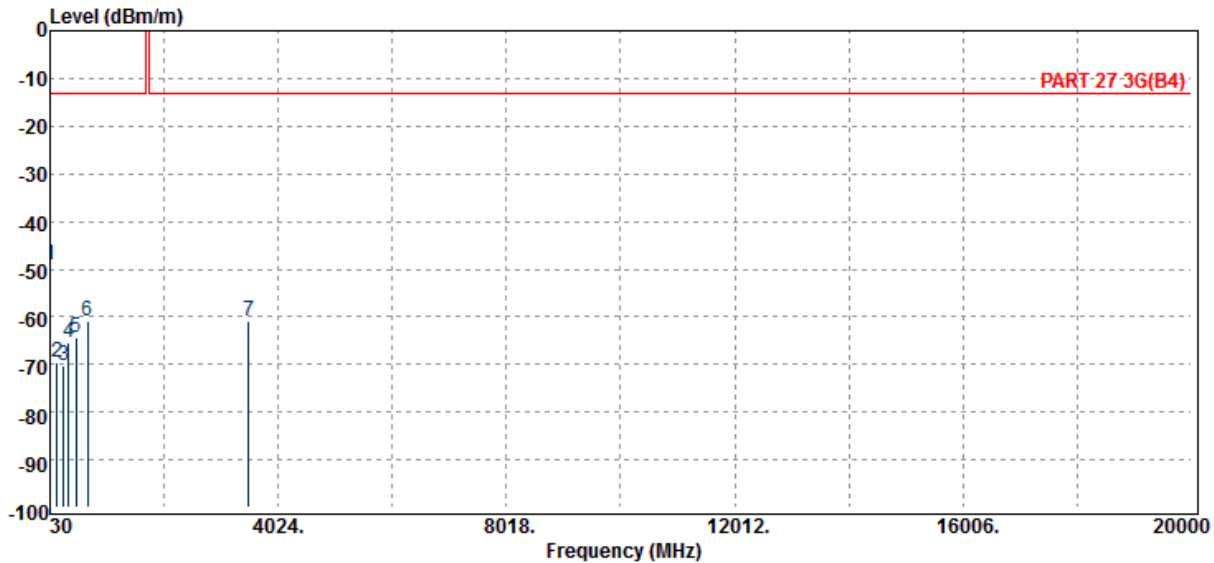
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :HSDPA B4 | Temp./Humi. | :22 deg_C / 62 RH |
| Fundamental Frequency | :1752.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.30 | -34.14 | -14.58 | -0.58 | -13.00 | -36.30 |
| 151.25 | S | -69.43 | -66.40 | -1.73 | -1.29 | -13.00 | -56.43 |
| 274.44 | S | -70.35 | -72.08 | 3.46 | -1.73 | -13.00 | -57.35 |
| 357.86 | S | -65.42 | -67.20 | 3.83 | -2.05 | -13.00 | -52.42 |
| 490.75 | S | -64.23 | -66.23 | 3.96 | -1.96 | -13.00 | -51.23 |
| 686.69 | S | -60.93 | -61.44 | 3.72 | -3.21 | -13.00 | -47.93 |
| 3505.20 | H | -60.89 | -66.63 | 12.40 | -6.66 | -13.00 | -47.89 |

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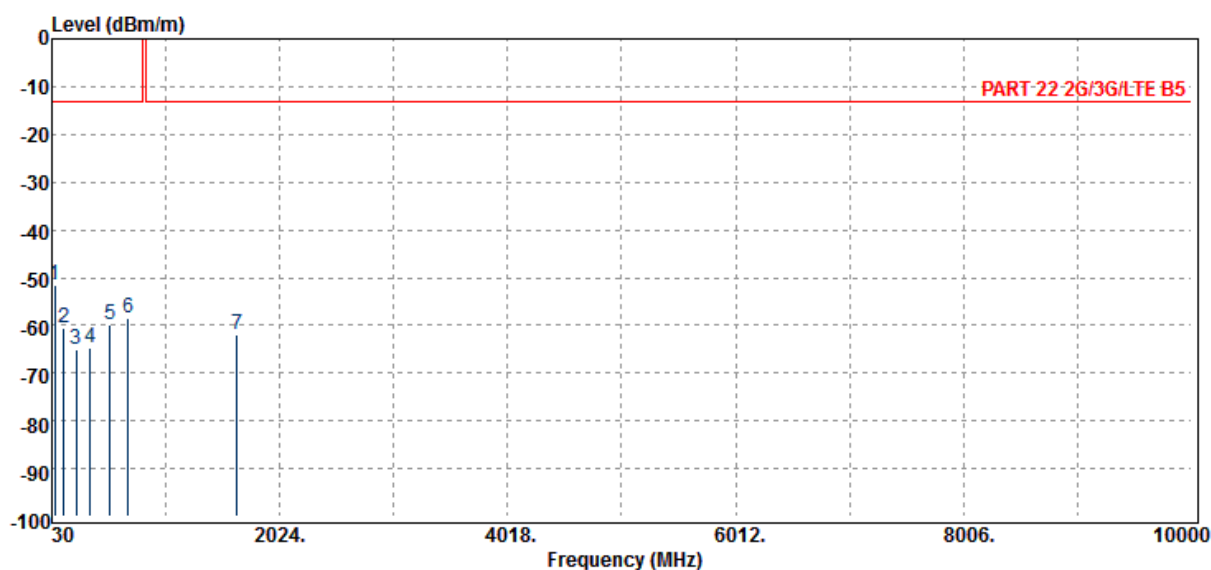
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Radiated Spurious Emission Measurement Result: HSUPA Band 5 Mode

| | | | |
|-----------------------|------------|------------------|-------------------|
| Operation Band | :HSUPA B5 | Temp./Humi. | :24 deg_C / 61 RH |
| Fundamental Frequency | :826.4 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -51.42 | -41.12 | -9.50 | -0.80 | -13.00 | -38.42 |
| 136.70 | S | -60.73 | -57.29 | -2.19 | -1.24 | -13.00 | -47.73 |
| 241.46 | S | -65.18 | -66.99 | 3.49 | -1.68 | -13.00 | -52.18 |
| 362.71 | S | -64.61 | -66.36 | 3.82 | -2.07 | -13.00 | -51.61 |
| 542.16 | S | -59.72 | -61.85 | 3.99 | -1.87 | -13.00 | -46.72 |
| 697.36 | S | -58.42 | -59.72 | 3.68 | -2.38 | -13.00 | -45.42 |
| 1652.80 | H | -61.87 | -64.50 | 6.99 | -4.36 | -13.00 | -48.87 |

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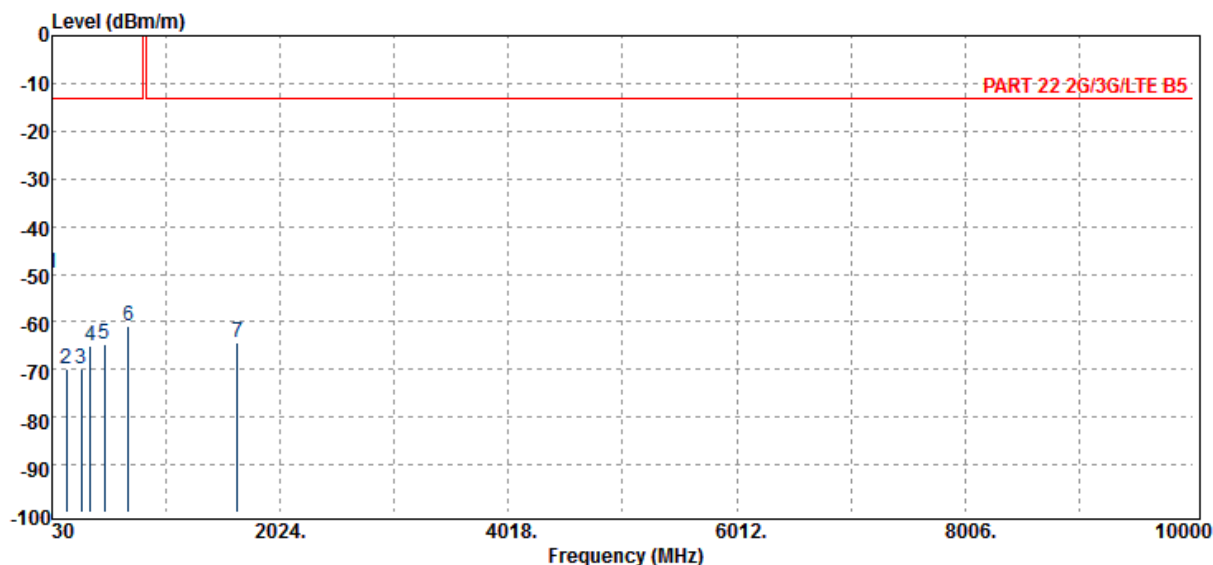
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| | | | |
|-----------------------|------------|--------------------------|-------------------|
| Operation Band | :HSUPA B5 | Temp./Humi. | :24 deg_C / 61 RH |
| Fundamental Frequency | :826.4 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -49.68 | -35.01 | -14.08 | -0.59 | -13.00 | -36.68 |
| 154.16 | S | -69.93 | -67.07 | -1.57 | -1.30 | -13.00 | -56.93 |
| 287.05 | S | -70.00 | -71.65 | 3.42 | -1.77 | -13.00 | -57.00 |
| 367.56 | S | -65.14 | -66.88 | 3.80 | -2.06 | -13.00 | -52.14 |
| 487.84 | S | -64.64 | -66.69 | 3.93 | -1.89 | -13.00 | -51.64 |
| 696.39 | S | -60.79 | -62.01 | 3.69 | -2.46 | -13.00 | -47.79 |
| 1652.80 | H | -64.40 | -67.03 | 6.99 | -4.36 | -13.00 | -51.40 |

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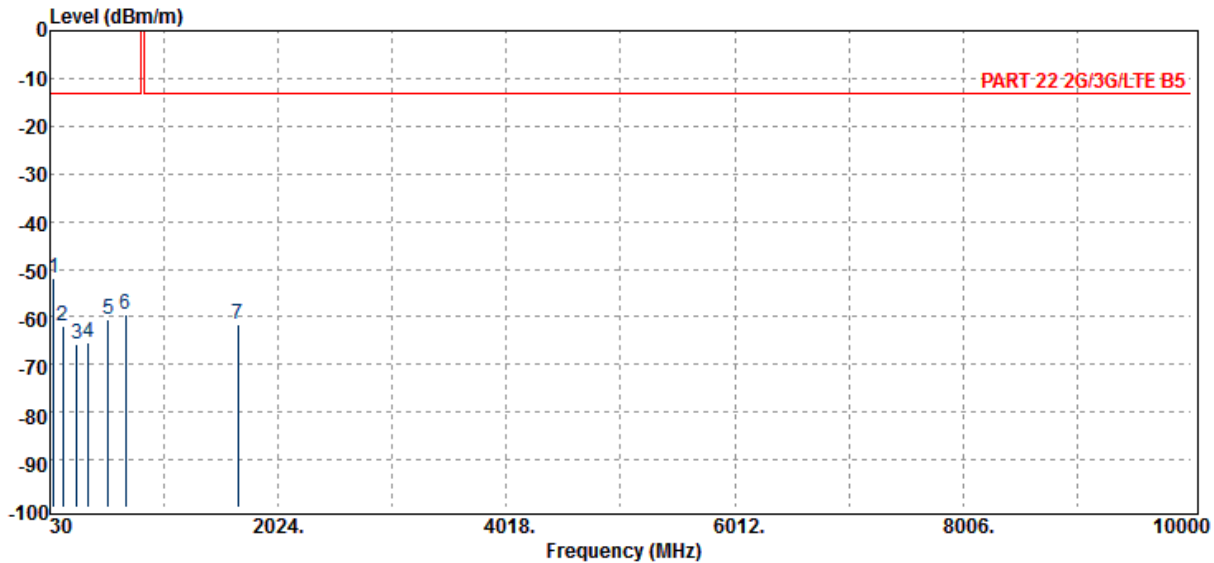
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| | | | |
|-----------------------|------------|------------------|-------------------|
| Operation Band | :HSUPA B5 | Temp./Humi. | :24 deg_C / 61 RH |
| Fundamental Frequency | :836.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 61.04 | S | -51.85 | -42.51 | -8.50 | -0.83 | -13.00 | -38.85 |
| 140.58 | S | -62.04 | -58.50 | -2.27 | -1.26 | -13.00 | -49.04 |
| 262.80 | S | -65.68 | -67.60 | 3.62 | -1.71 | -13.00 | -52.68 |
| 362.71 | S | -65.47 | -67.22 | 3.82 | -2.07 | -13.00 | -52.47 |
| 539.25 | S | -60.72 | -62.73 | 4.00 | -1.99 | -13.00 | -47.72 |
| 687.66 | S | -59.48 | -60.06 | 3.71 | -3.13 | -13.00 | -46.48 |
| 1673.20 | H | -61.61 | -64.28 | 7.06 | -4.39 | -13.00 | -48.61 |

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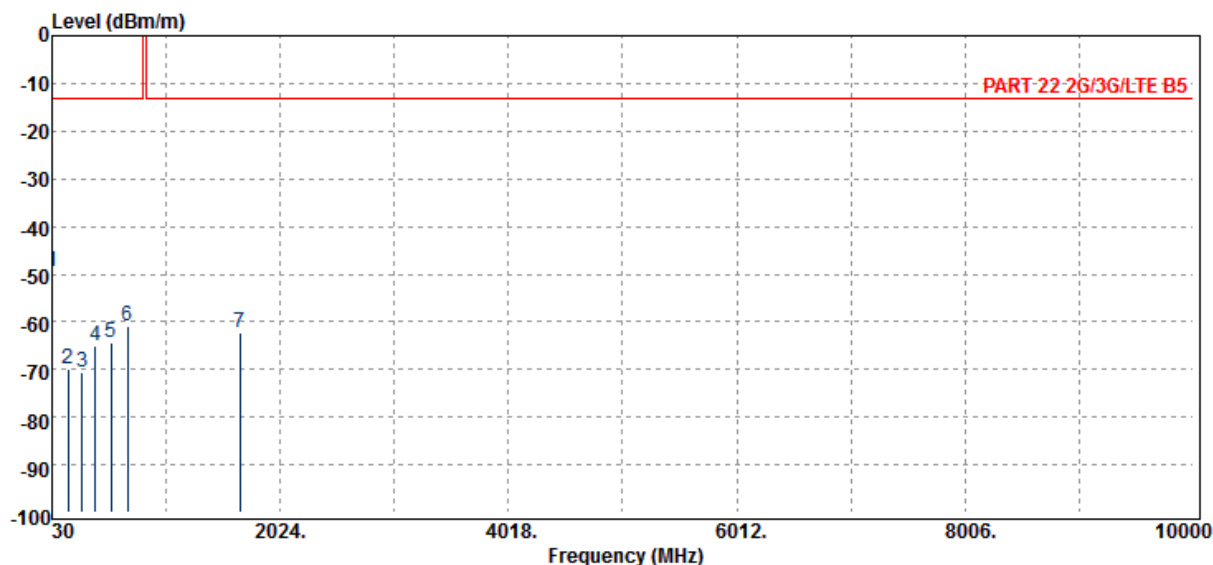
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| | | | |
|-----------------------|------------|--------------------------|-------------------|
| Operation Band | :HSUPA B5 | Temp./Humi. | :24 deg_C / 61 RH |
| Fundamental Frequency | :836.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -49.49 | -34.82 | -14.08 | -0.59 | -13.00 | -36.49 |
| 172.59 | S | -69.98 | -68.44 | -0.20 | -1.34 | -13.00 | -56.98 |
| 289.96 | S | -70.65 | -72.29 | 3.42 | -1.78 | -13.00 | -57.65 |
| 408.30 | S | -65.12 | -66.66 | 3.68 | -2.14 | -13.00 | -52.12 |
| 546.04 | S | -64.36 | -66.53 | 3.99 | -1.81 | -13.00 | -51.36 |
| 691.54 | S | -60.88 | -61.75 | 3.70 | -2.83 | -13.00 | -47.88 |
| 1673.20 | H | -62.21 | -64.87 | 7.06 | -4.39 | -13.00 | -49.21 |

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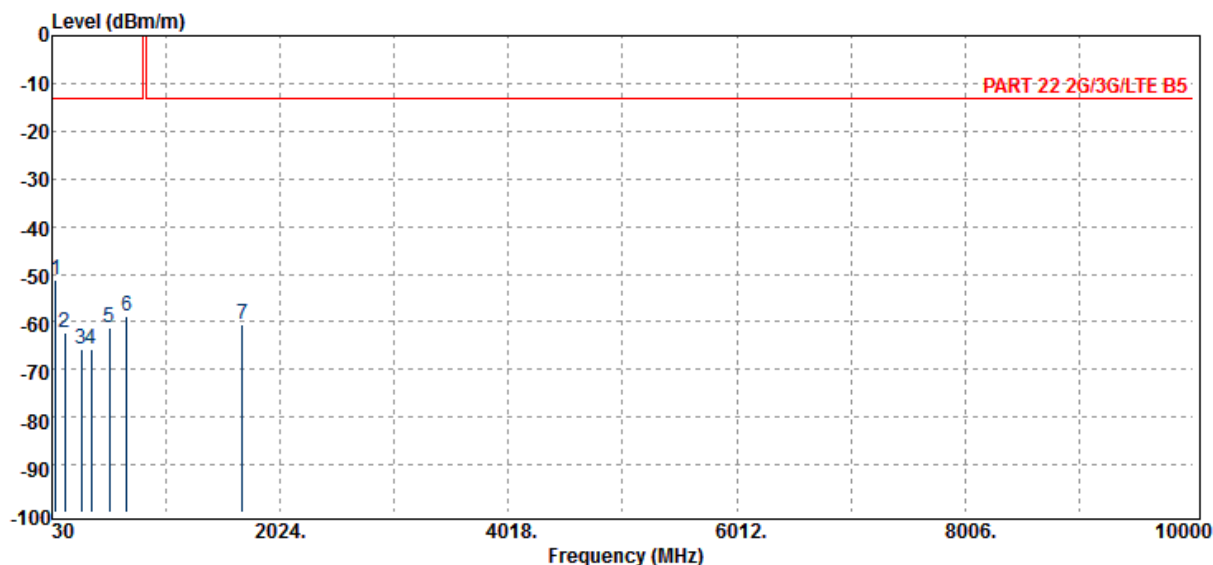
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| | | | |
|-----------------------|-------------|--------------------------|-------------------|
| Operation Band | :HSUPA B5 | Temp./Humi. | :24 deg_C / 61 RH |
| Fundamental Frequency | :846.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 61.04 | S | -51.27 | -41.93 | -8.50 | -0.83 | -13.00 | -38.27 |
| 139.61 | S | -62.33 | -58.78 | -2.29 | -1.26 | -13.00 | -49.33 |
| 287.05 | S | -65.80 | -67.45 | 3.42 | -1.77 | -13.00 | -52.80 |
| 374.35 | S | -65.84 | -67.59 | 3.78 | -2.04 | -13.00 | -52.84 |
| 529.55 | S | -61.17 | -62.79 | 4.01 | -2.39 | -13.00 | -48.17 |
| 682.81 | S | -58.89 | -59.43 | 3.73 | -3.19 | -13.00 | -45.89 |
| 1693.20 | H | -60.54 | -63.23 | 7.12 | -4.43 | -13.00 | -47.54 |

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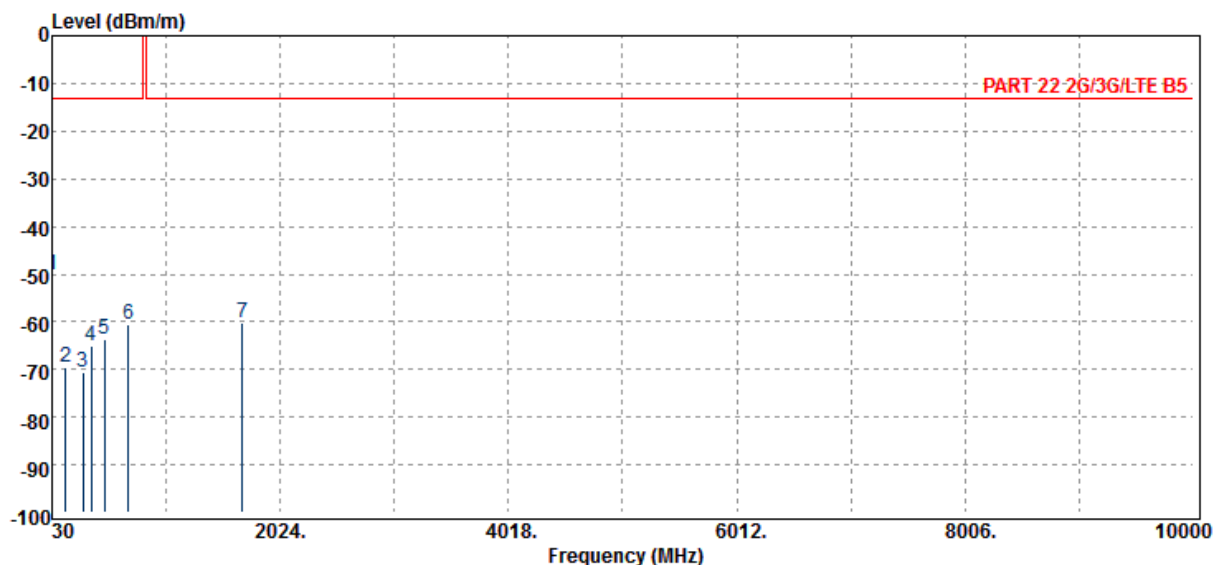
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|-----------------------|-------------|--------------------------|-------------------|
| Operation Band | :HSUPA B5 | Temp./Humi. | :24 deg_C / 61 RH |
| Fundamental Frequency | :846.6 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -50.15 | -35.48 | -14.08 | -0.59 | -13.00 | -37.15 |
| 151.25 | S | -69.63 | -66.61 | -1.73 | -1.29 | -13.00 | -56.63 |
| 298.69 | S | -70.44 | -72.21 | 3.59 | -1.82 | -13.00 | -57.44 |
| 369.50 | S | -64.97 | -66.71 | 3.80 | -2.06 | -13.00 | -51.97 |
| 485.90 | S | -63.62 | -65.70 | 3.91 | -1.84 | -13.00 | -50.62 |
| 696.39 | S | -60.45 | -61.68 | 3.69 | -2.46 | -13.00 | -47.45 |
| 1693.20 | H | -60.17 | -62.86 | 7.12 | -4.43 | -13.00 | -47.17 |

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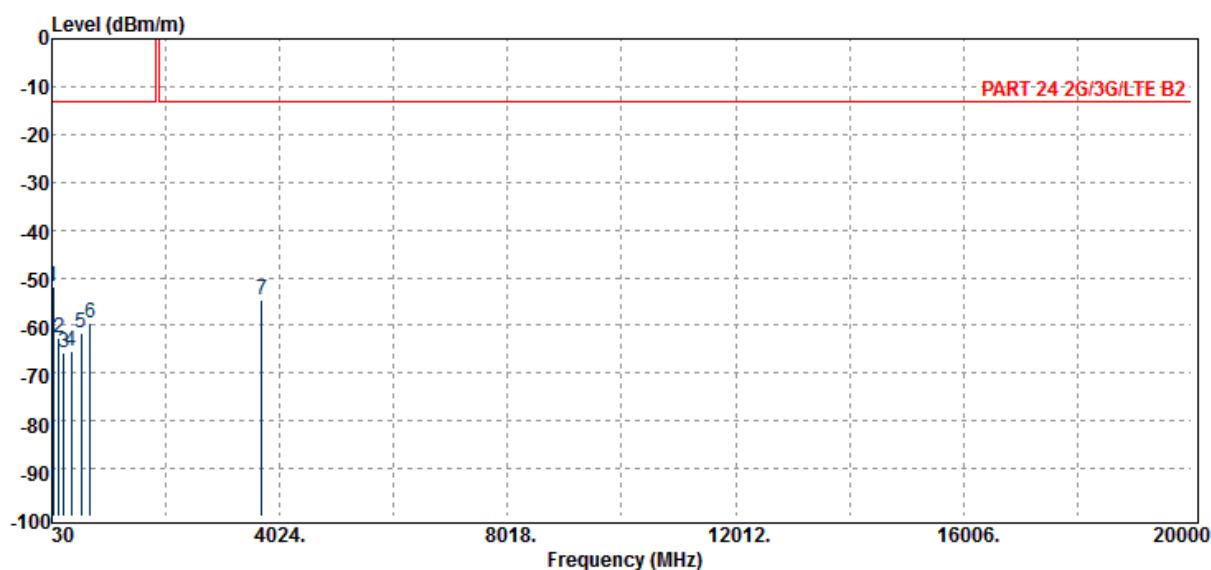
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Radiated Spurious Emission Measurement Result: LTE-Band 2 (The Worst Case)

| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B2 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1851.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -51.75 | -41.44 | -9.50 | -0.80 | -13.00 | -38.75 |
| 146.40 | S | -62.72 | -59.45 | -1.98 | -1.29 | -13.00 | -49.72 |
| 239.52 | S | -65.87 | -67.67 | 3.47 | -1.67 | -13.00 | -52.87 |
| 364.65 | S | -65.52 | -67.26 | 3.81 | -2.07 | -13.00 | -52.52 |
| 546.04 | S | -61.66 | -63.83 | 3.99 | -1.81 | -13.00 | -48.66 |
| 697.36 | S | -59.40 | -60.70 | 3.68 | -2.38 | -13.00 | -46.40 |
| 3705.00 | H | -54.73 | -60.39 | 12.57 | -6.90 | -13.00 | -41.73 |

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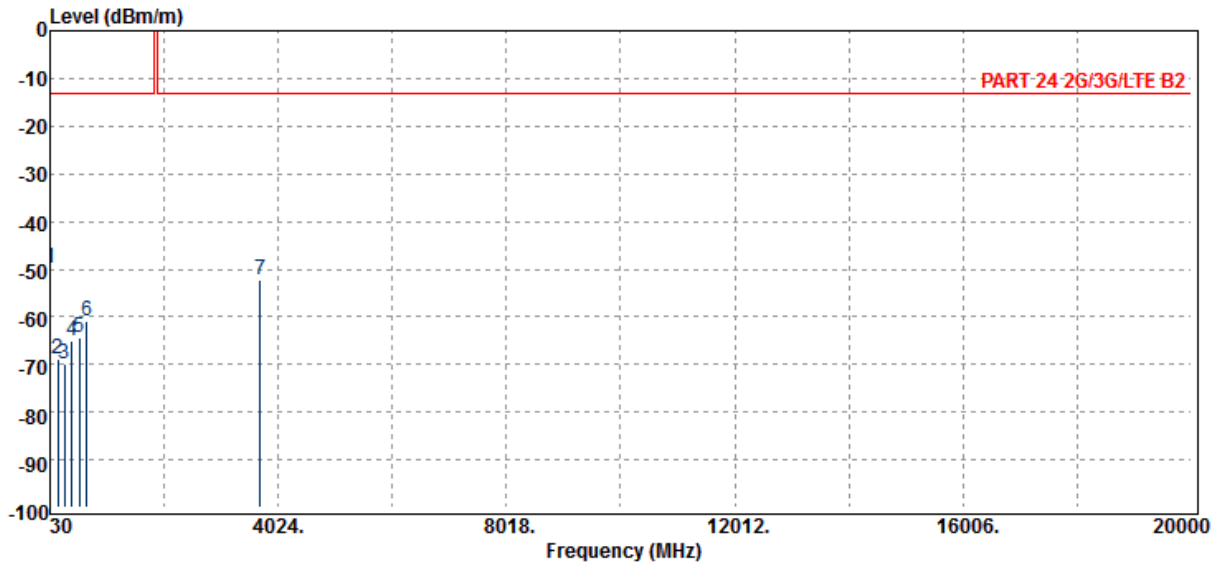
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B2 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1851.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.89 | -34.73 | -14.58 | -0.58 | -13.00 | -36.89 |
| 160.95 | S | -68.81 | -66.32 | -1.18 | -1.30 | -13.00 | -55.81 |
| 277.35 | S | -69.88 | -71.58 | 3.44 | -1.74 | -13.00 | -56.88 |
| 418.00 | S | -65.13 | -66.66 | 3.65 | -2.11 | -13.00 | -52.13 |
| 539.25 | S | -64.20 | -66.21 | 4.00 | -1.99 | -13.00 | -51.20 |
| 673.11 | S | -60.91 | -62.16 | 3.76 | -2.52 | -13.00 | -47.91 |
| 3705.00 | H | -52.15 | -57.82 | 12.57 | -6.90 | -13.00 | -39.15 |

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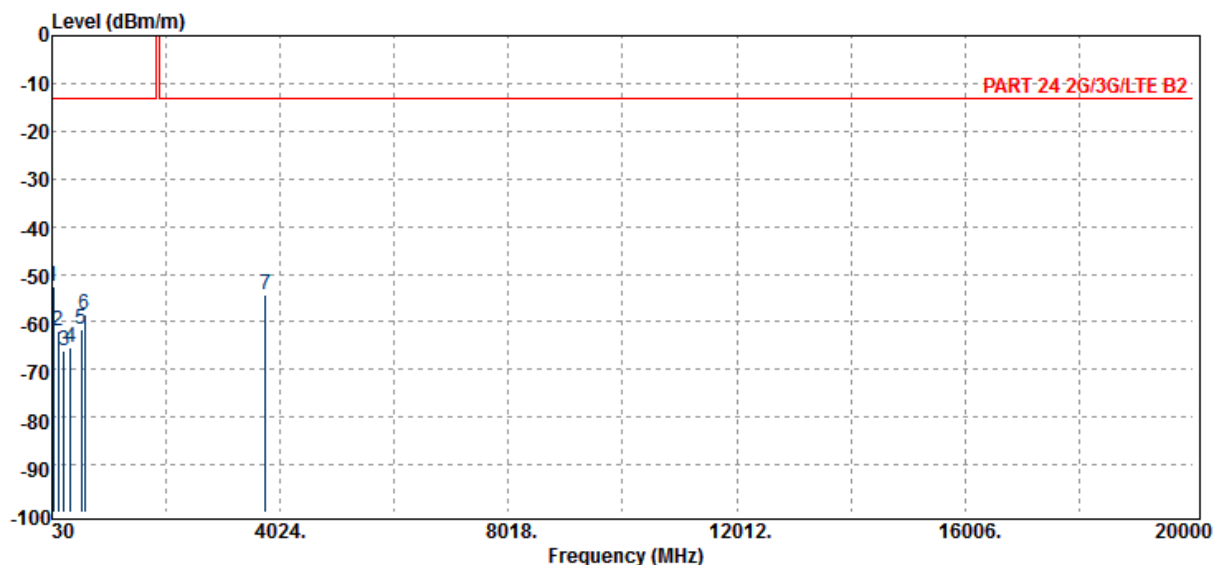
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B2 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1880 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.52 | -42.22 | -9.50 | -0.80 | -13.00 | -39.52 |
| 138.64 | S | -61.82 | -58.31 | -2.26 | -1.25 | -13.00 | -48.82 |
| 243.40 | S | -66.00 | -67.81 | 3.50 | -1.68 | -13.00 | -53.00 |
| 354.95 | S | -65.53 | -67.33 | 3.84 | -2.04 | -13.00 | -52.53 |
| 544.10 | S | -61.71 | -63.91 | 3.99 | -1.79 | -13.00 | -48.71 |
| 600.36 | S | -58.60 | -59.98 | 3.54 | -2.16 | -13.00 | -45.60 |
| 3760.00 | H | -54.43 | -60.16 | 12.61 | -6.89 | -13.00 | -41.43 |

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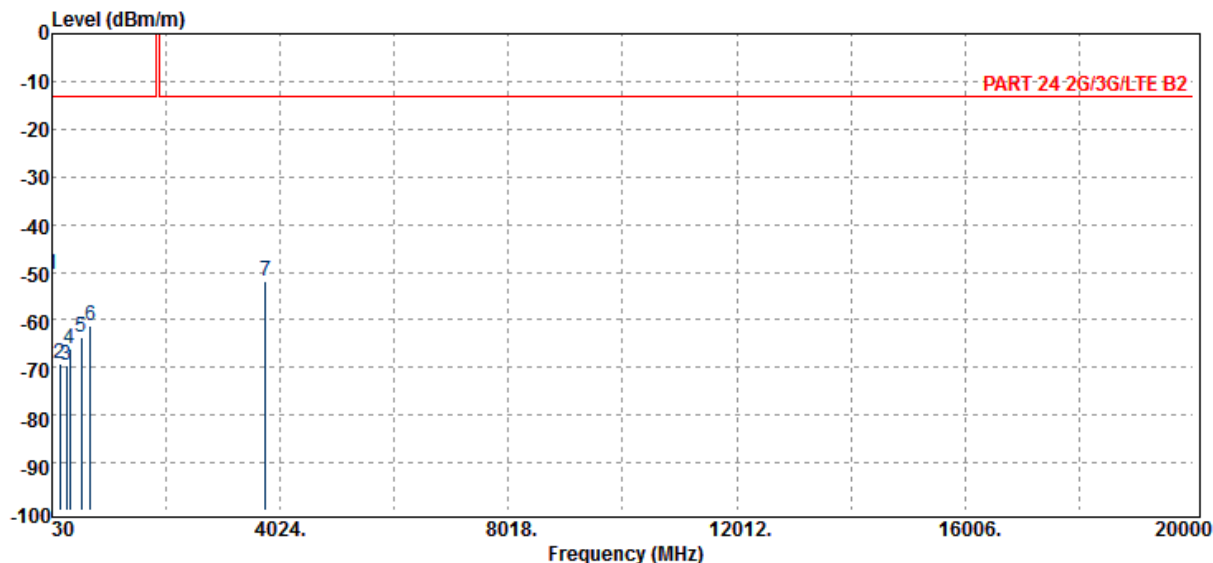
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B2 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1880 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.57 | -35.41 | -14.58 | -0.58 | -13.00 | -37.57 |
| 165.80 | S | -69.17 | -66.99 | -0.88 | -1.31 | -13.00 | -56.17 |
| 289.96 | S | -69.48 | -71.12 | 3.42 | -1.78 | -13.00 | -56.48 |
| 347.19 | S | -65.96 | -67.78 | 3.84 | -2.02 | -13.00 | -52.96 |
| 548.95 | S | -63.55 | -65.56 | 3.98 | -1.97 | -13.00 | -50.55 |
| 696.39 | S | -61.22 | -62.45 | 3.69 | -2.46 | -13.00 | -48.22 |
| 3760.00 | H | -51.86 | -57.59 | 12.61 | -6.89 | -13.00 | -38.86 |

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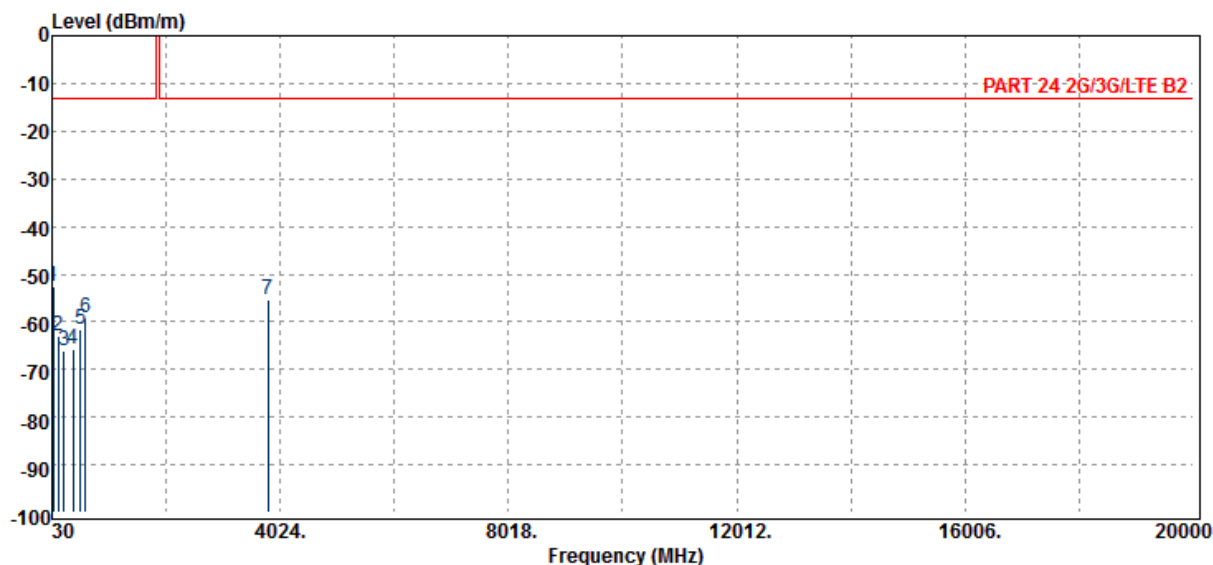
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B2 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1908.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna: VERTICAL |



| Freq. | Note | ERP/EIRP | SG | Antenna | Cable | Limit | Margin |
|---------|---------|----------|---------------------|-----------------|------------|--------|--------|
| MHz | F/H/E/S | dBm | Output Level dBm | Gain dBd/dBi | Loss dB | dBm | dB |
| 57.16 | S | -52.55 | -42.25 | -9.50 | -0.80 | -13.00 | -39.55 |
| 136.70 | S | -62.85 | -59.42 | -2.19 | -1.24 | -13.00 | -49.85 |
| 239.52 | S | -66.25 | -68.05 | 3.47 | -1.67 | -13.00 | -53.25 |
| 398.60 | S | -65.91 | -67.52 | 3.72 | -2.10 | -13.00 | -52.91 |
| 534.40 | S | -61.49 | -63.31 | 4.00 | -2.19 | -13.00 | -48.49 |
| 616.85 | S | -59.19 | -60.29 | 3.64 | -2.54 | -13.00 | -46.19 |
| 3815.00 | H | -55.47 | -61.13 | 12.66 | -7.00 | -13.00 | -42.47 |

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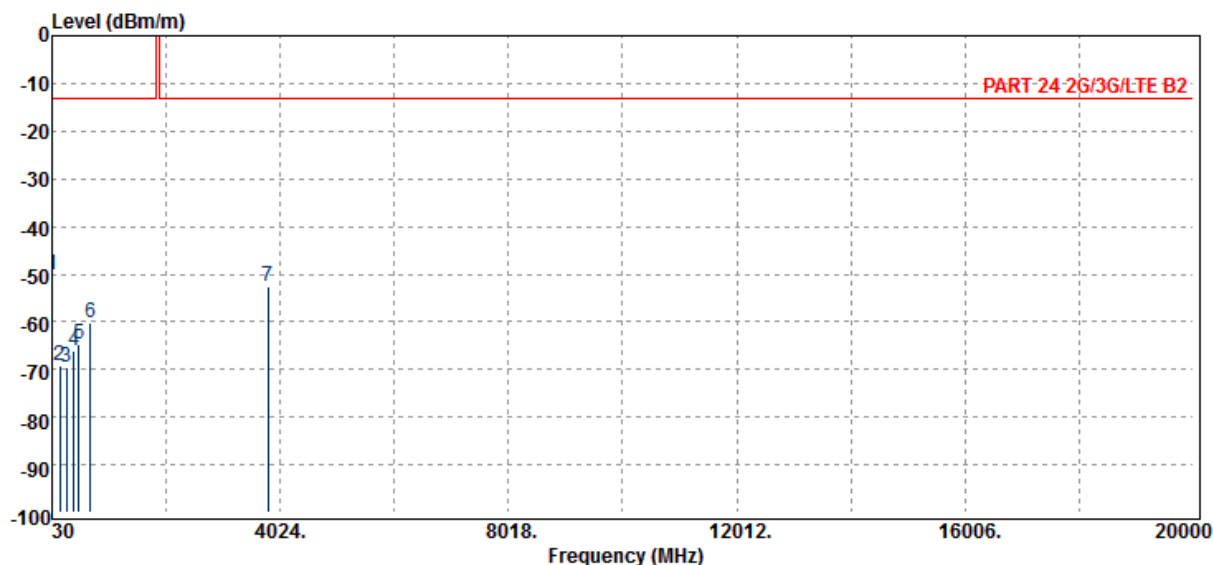
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B2 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1908.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.29 | -35.13 | -14.58 | -0.58 | -13.00 | -37.29 |
| 165.80 | S | -69.26 | -67.07 | -0.88 | -1.31 | -13.00 | -56.26 |
| 289.96 | S | -69.58 | -71.22 | 3.42 | -1.78 | -13.00 | -56.58 |
| 406.36 | S | -65.98 | -67.53 | 3.69 | -2.15 | -13.00 | -52.98 |
| 495.60 | S | -64.56 | -66.49 | 4.01 | -2.09 | -13.00 | -51.56 |
| 699.30 | S | -60.27 | -61.72 | 3.68 | -2.24 | -13.00 | -47.27 |
| 3815.00 | H | -52.51 | -58.17 | 12.66 | -7.00 | -13.00 | -39.51 |

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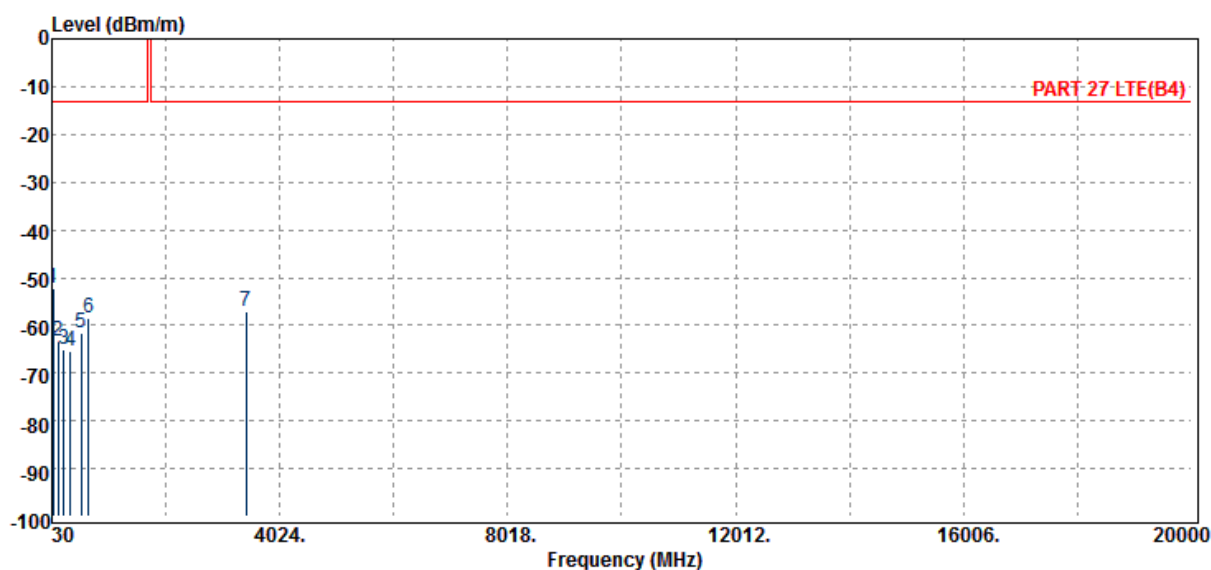
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Radiated Spurious Emission Measurement Result: LTE-Band 4 (The Worst Case)

| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B4 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1717.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.19 | -41.88 | -9.50 | -0.80 | -13.00 | -39.19 |
| 140.58 | S | -63.36 | -59.82 | -2.27 | -1.26 | -13.00 | -50.36 |
| 240.49 | S | -64.98 | -66.79 | 3.48 | -1.67 | -13.00 | -51.98 |
| 356.89 | S | -65.50 | -67.29 | 3.83 | -2.05 | -13.00 | -52.50 |
| 536.34 | S | -61.74 | -63.63 | 4.00 | -2.11 | -13.00 | -48.74 |
| 672.14 | S | -58.59 | -59.90 | 3.76 | -2.45 | -13.00 | -45.59 |
| 3435.00 | H | -57.23 | -62.94 | 12.25 | -6.55 | -13.00 | -44.23 |

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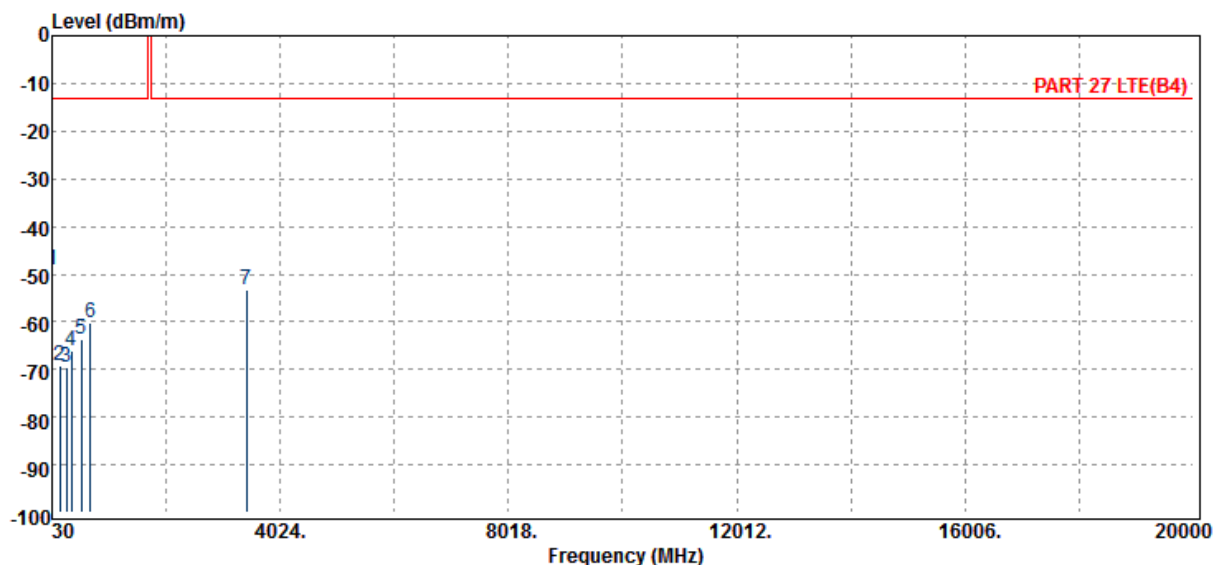
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| | | | |
|-----------------------|-------------|--------------------------|---------------------|
| Operation Band | :LTE B4 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1717.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.07 | -33.91 | -14.58 | -0.58 | -13.00 | -36.07 |
| 167.74 | S | -69.37 | -67.30 | -0.76 | -1.32 | -13.00 | -56.37 |
| 287.05 | S | -69.51 | -71.16 | 3.42 | -1.77 | -13.00 | -56.51 |
| 369.50 | S | -66.02 | -67.76 | 3.80 | -2.06 | -13.00 | -53.02 |
| 539.25 | S | -63.64 | -65.65 | 4.00 | -1.99 | -13.00 | -50.64 |
| 697.36 | S | -60.16 | -61.45 | 3.68 | -2.38 | -13.00 | -47.16 |
| 3435.00 | H | -53.44 | -59.15 | 12.25 | -6.55 | -13.00 | -40.44 |

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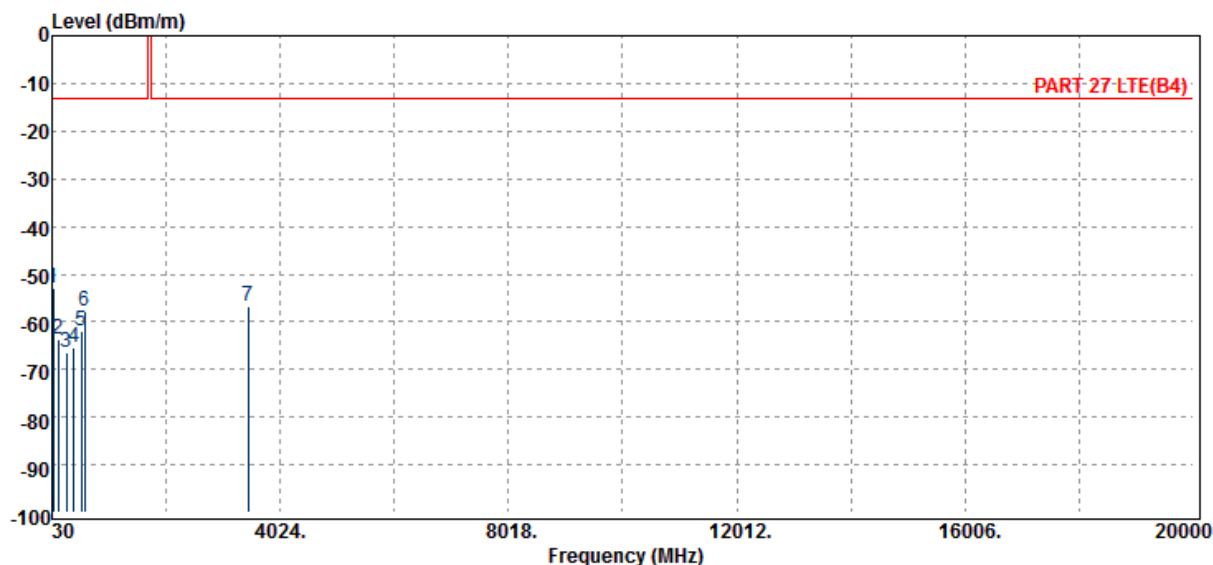
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B4 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1732.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.95 | -42.65 | -9.50 | -0.80 | -13.00 | -39.95 |
| 139.61 | S | -63.55 | -60.00 | -2.29 | -1.26 | -13.00 | -50.55 |
| 277.35 | S | -66.42 | -68.12 | 3.44 | -1.74 | -13.00 | -53.42 |
| 411.21 | S | -65.56 | -67.10 | 3.67 | -2.13 | -13.00 | -52.56 |
| 547.01 | S | -61.79 | -63.91 | 3.98 | -1.86 | -13.00 | -48.79 |
| 600.36 | S | -57.89 | -59.27 | 3.54 | -2.16 | -13.00 | -44.89 |
| 3465.00 | H | -56.80 | -62.56 | 12.32 | -6.56 | -13.00 | -43.80 |

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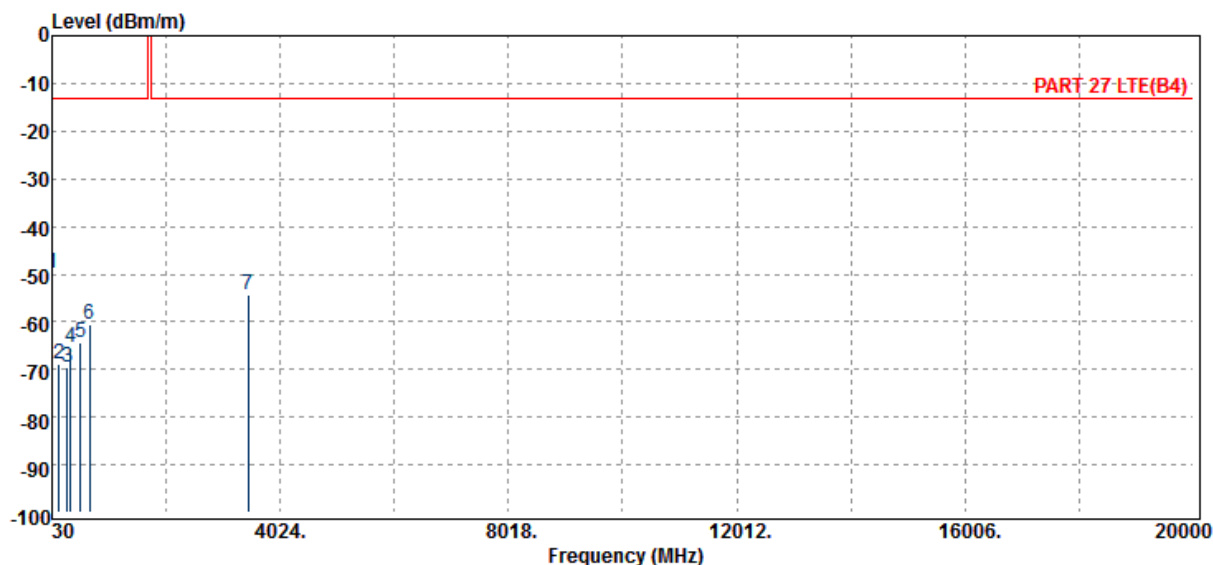
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B4 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1732.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.75 | -34.59 | -14.58 | -0.58 | -13.00 | -36.75 |
| 146.40 | S | -68.69 | -65.43 | -1.98 | -1.29 | -13.00 | -55.69 |
| 296.75 | S | -69.64 | -71.38 | 3.55 | -1.81 | -13.00 | -56.64 |
| 350.10 | S | -65.49 | -67.32 | 3.85 | -2.02 | -13.00 | -52.49 |
| 529.55 | S | -64.35 | -65.98 | 4.01 | -2.39 | -13.00 | -51.35 |
| 692.51 | S | -60.72 | -61.66 | 3.70 | -2.76 | -13.00 | -47.72 |
| 3465.00 | H | -54.33 | -60.09 | 12.32 | -6.56 | -13.00 | -41.33 |

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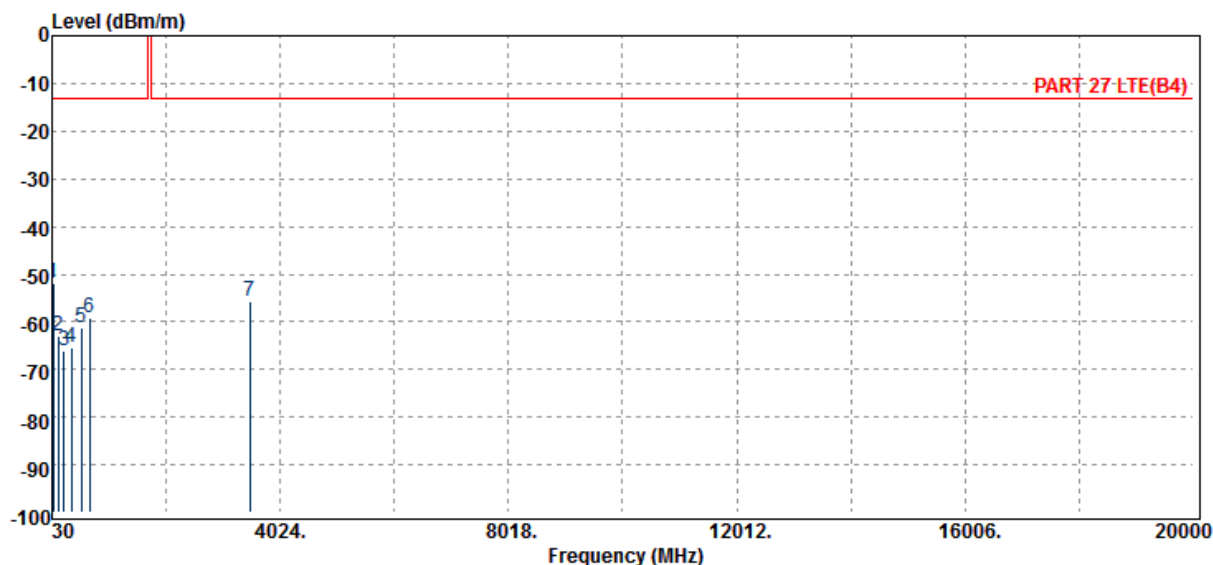
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B4 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1747.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.19 | S | -52.01 | -41.50 | -9.72 | -0.79 | -13.00 | -39.01 |
| 138.64 | S | -62.92 | -59.41 | -2.26 | -1.25 | -13.00 | -49.92 |
| 243.40 | S | -66.16 | -67.97 | 3.50 | -1.68 | -13.00 | -53.16 |
| 364.65 | S | -65.53 | -67.27 | 3.81 | -2.07 | -13.00 | -52.53 |
| 542.16 | S | -61.25 | -63.38 | 3.99 | -1.87 | -13.00 | -48.25 |
| 692.51 | S | -59.03 | -59.97 | 3.70 | -2.76 | -13.00 | -46.03 |
| 3495.00 | H | -55.59 | -61.37 | 12.39 | -6.61 | -13.00 | -42.59 |

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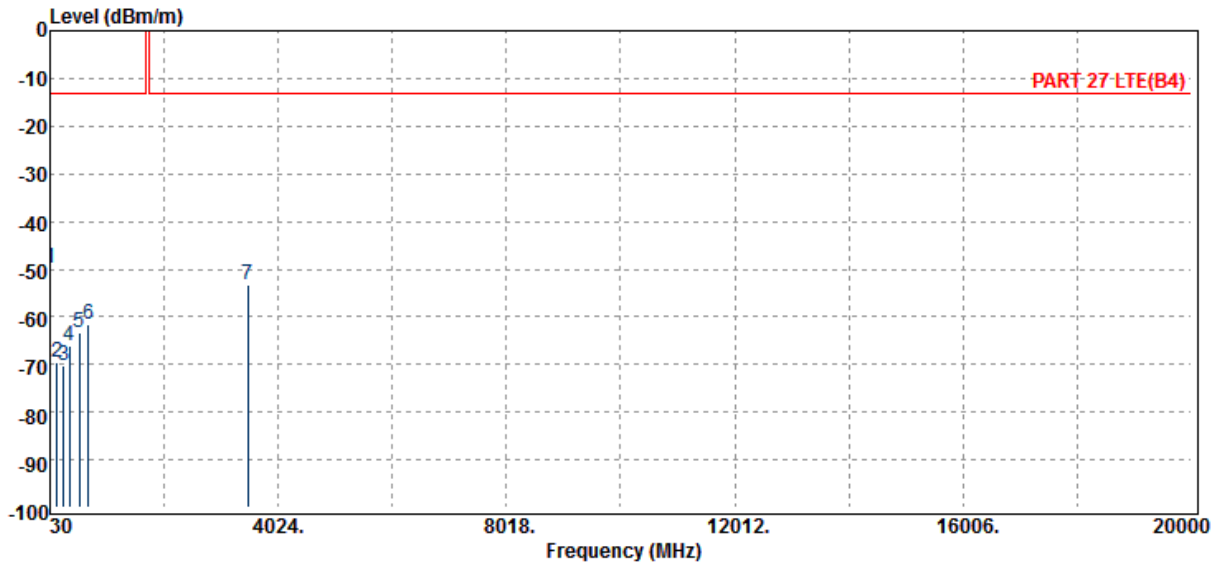
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B4 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :1747.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.77 | -34.61 | -14.58 | -0.58 | -13.00 | -36.77 |
| 149.31 | S | -69.67 | -66.54 | -1.84 | -1.29 | -13.00 | -56.67 |
| 264.74 | S | -70.33 | -72.22 | 3.59 | -1.71 | -13.00 | -57.33 |
| 367.56 | S | -66.10 | -67.84 | 3.80 | -2.06 | -13.00 | -53.10 |
| 547.01 | S | -63.43 | -65.55 | 3.98 | -1.86 | -13.00 | -50.43 |
| 700.27 | S | -61.51 | -63.02 | 3.67 | -2.16 | -13.00 | -48.51 |
| 3495.00 | H | -53.37 | -59.15 | 12.39 | -6.61 | -13.00 | -40.37 |

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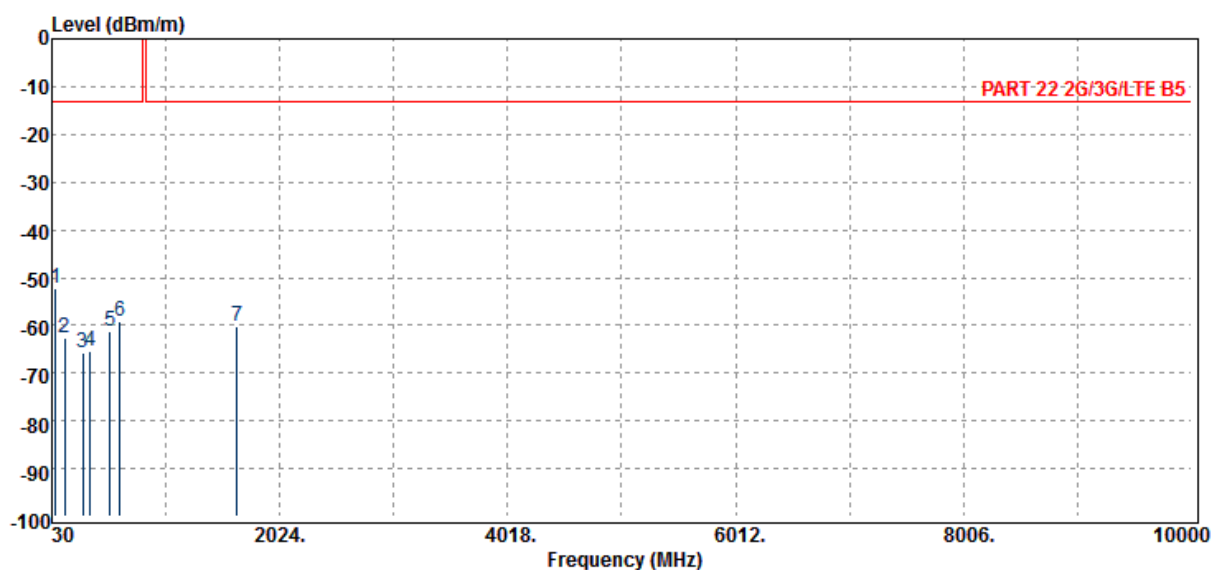
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Radiated Spurious Emission Measurement Result: LTE-Band 5 (The Worst Case)

| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B5 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :826.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 62.01 | S | -52.33 | -43.32 | -8.17 | -0.84 | -13.00 | -39.33 |
| 139.61 | S | -62.74 | -59.19 | -2.29 | -1.26 | -13.00 | -49.74 |
| 299.66 | S | -65.71 | -67.50 | 3.61 | -1.82 | -13.00 | -52.71 |
| 367.56 | S | -65.30 | -67.04 | 3.80 | -2.06 | -13.00 | -52.30 |
| 539.25 | S | -61.16 | -63.17 | 4.00 | -1.99 | -13.00 | -48.16 |
| 626.55 | S | -59.15 | -60.08 | 3.70 | -2.78 | -13.00 | -46.15 |
| 1653.00 | H | -60.14 | -64.92 | 9.14 | -4.36 | -13.00 | -47.14 |

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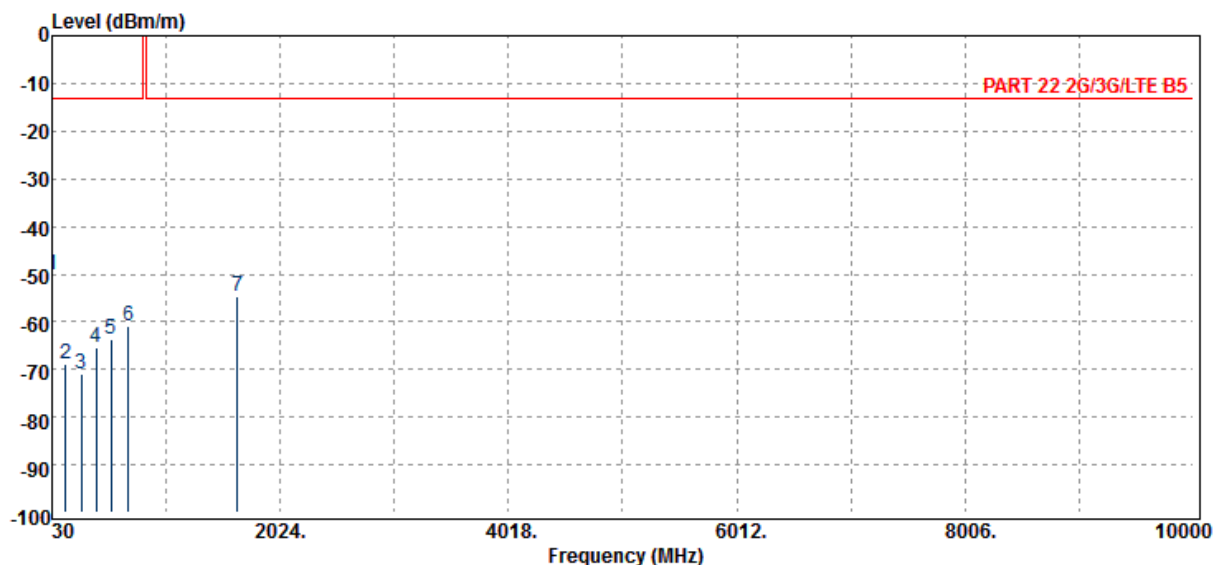
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| | | | |
|-----------------------|------------|--------------------------|---------------------|
| Operation Band | :LTE B5 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :826.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Antenna Pol. | :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.16 | -35.00 | -14.58 | -0.58 | -13.00 | -37.16 |
| 146.40 | S | -68.98 | -65.71 | -1.98 | -1.29 | -13.00 | -55.98 |
| 287.05 | S | -70.93 | -72.58 | 3.42 | -1.77 | -13.00 | -57.93 |
| 418.00 | S | -65.54 | -67.08 | 3.65 | -2.11 | -13.00 | -52.54 |
| 547.01 | S | -63.56 | -65.68 | 3.98 | -1.86 | -13.00 | -50.56 |
| 697.36 | S | -61.07 | -62.37 | 3.68 | -2.38 | -13.00 | -48.07 |
| 1653.00 | H | -54.59 | -59.37 | 9.14 | -4.36 | -13.00 | -41.59 |

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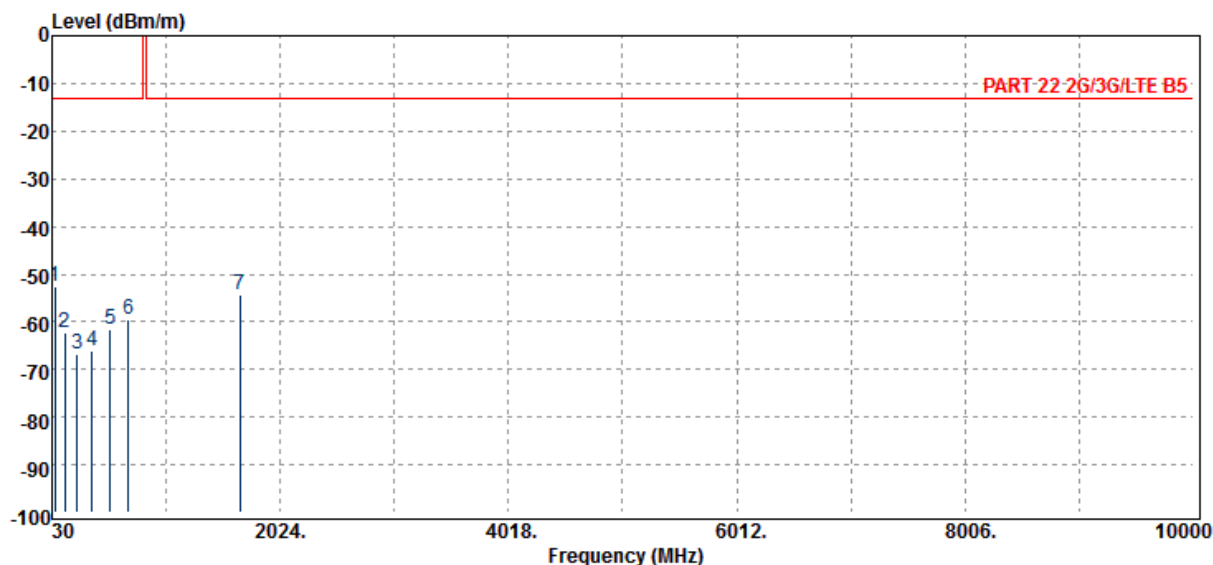
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B5 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :836.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.19 | S | -52.48 | -41.96 | -9.72 | -0.79 | -13.00 | -39.48 |
| 139.61 | S | -62.15 | -58.60 | -2.29 | -1.26 | -13.00 | -49.15 |
| 248.25 | S | -66.64 | -68.47 | 3.52 | -1.69 | -13.00 | -53.64 |
| 382.11 | S | -66.18 | -67.93 | 3.76 | -2.02 | -13.00 | -53.18 |
| 539.25 | S | -61.58 | -63.59 | 4.00 | -1.99 | -13.00 | -48.58 |
| 696.39 | S | -59.45 | -60.68 | 3.69 | -2.46 | -13.00 | -46.45 |
| 1673.00 | H | -54.39 | -59.20 | 9.21 | -4.39 | -13.00 | -41.39 |

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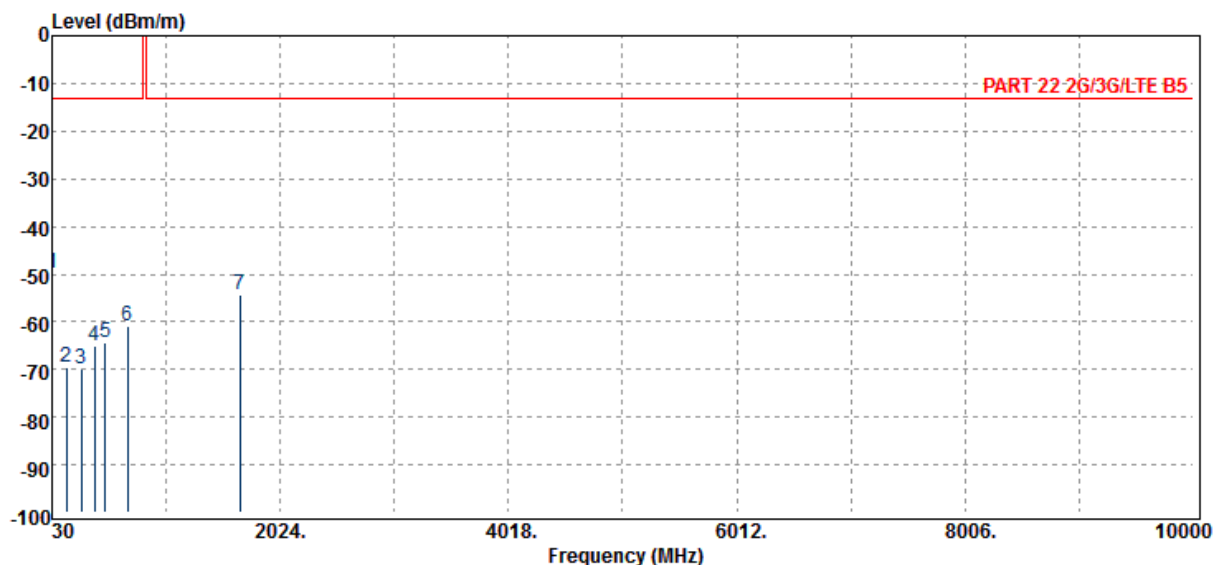
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|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B5 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :836.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -49.76 | -35.09 | -14.08 | -0.59 | -13.00 | -36.76 |
| 153.19 | S | -69.44 | -66.52 | -1.62 | -1.30 | -13.00 | -56.44 |
| 284.14 | S | -69.88 | -71.54 | 3.42 | -1.76 | -13.00 | -56.88 |
| 401.51 | S | -65.12 | -66.70 | 3.71 | -2.13 | -13.00 | -52.12 |
| 495.60 | S | -64.22 | -66.14 | 4.01 | -2.09 | -13.00 | -51.22 |
| 691.54 | S | -60.98 | -61.84 | 3.70 | -2.83 | -13.00 | -47.98 |
| 1673.00 | H | -54.37 | -59.18 | 9.21 | -4.39 | -13.00 | -41.37 |

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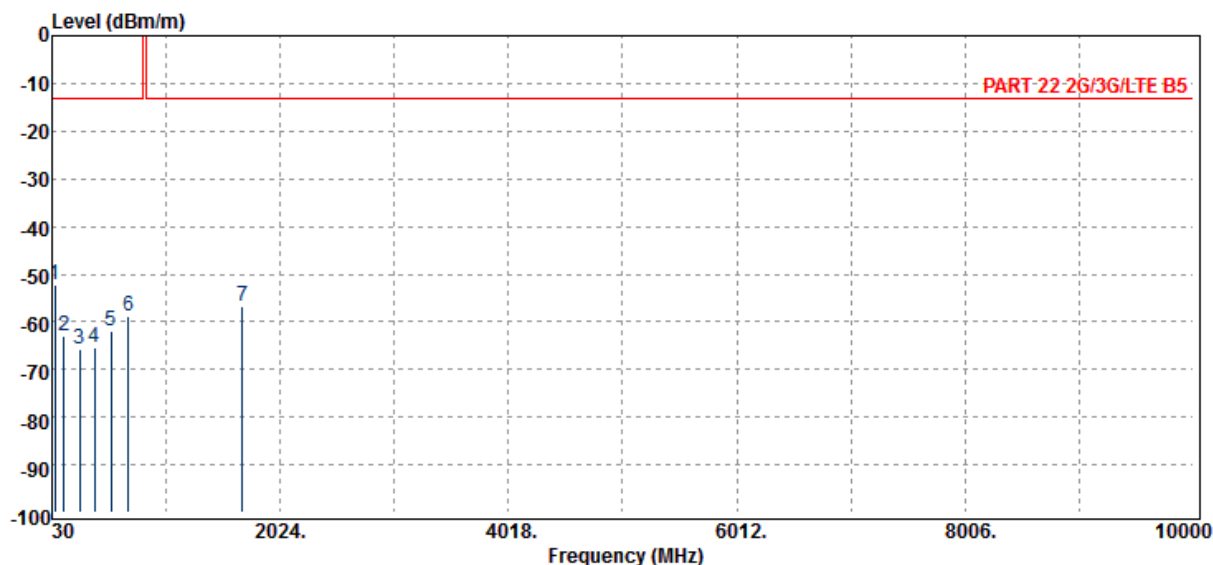
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B5 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :846.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.08 | -41.78 | -9.50 | -0.80 | -13.00 | -39.08 |
| 136.70 | S | -63.14 | -59.71 | -2.19 | -1.24 | -13.00 | -50.14 |
| 272.50 | S | -65.84 | -67.59 | 3.48 | -1.73 | -13.00 | -52.84 |
| 401.51 | S | -65.37 | -66.95 | 3.71 | -2.13 | -13.00 | -52.37 |
| 547.01 | S | -61.85 | -63.97 | 3.98 | -1.86 | -13.00 | -48.85 |
| 699.30 | S | -58.71 | -60.15 | 3.68 | -2.24 | -13.00 | -45.71 |
| 1693.00 | H | -56.89 | -59.59 | 7.12 | -4.43 | -13.00 | -43.89 |

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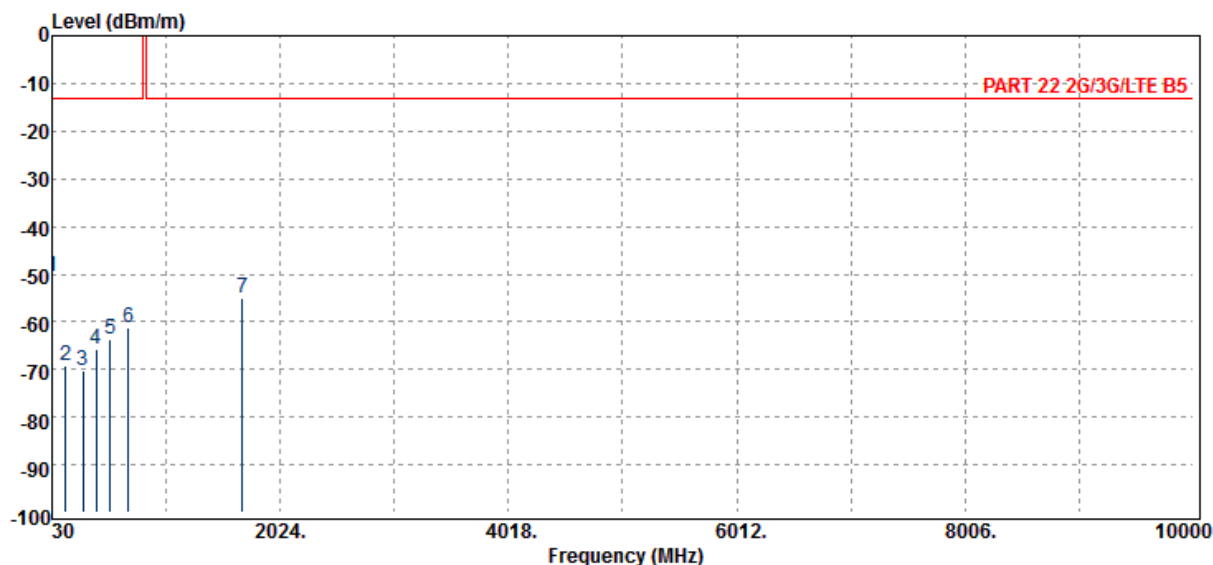
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B5 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :846.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.41 | -35.25 | -14.58 | -0.58 | -13.00 | -37.41 |
| 148.34 | S | -69.24 | -66.06 | -1.89 | -1.29 | -13.00 | -56.24 |
| 299.66 | S | -70.23 | -72.01 | 3.61 | -1.82 | -13.00 | -57.23 |
| 418.00 | S | -65.81 | -67.35 | 3.65 | -2.11 | -13.00 | -52.81 |
| 539.25 | S | -63.62 | -65.63 | 4.00 | -1.99 | -13.00 | -50.62 |
| 696.39 | S | -61.39 | -62.62 | 3.69 | -2.46 | -13.00 | -48.39 |
| 1693.00 | H | -55.06 | -57.76 | 7.12 | -4.43 | -13.00 | -42.06 |

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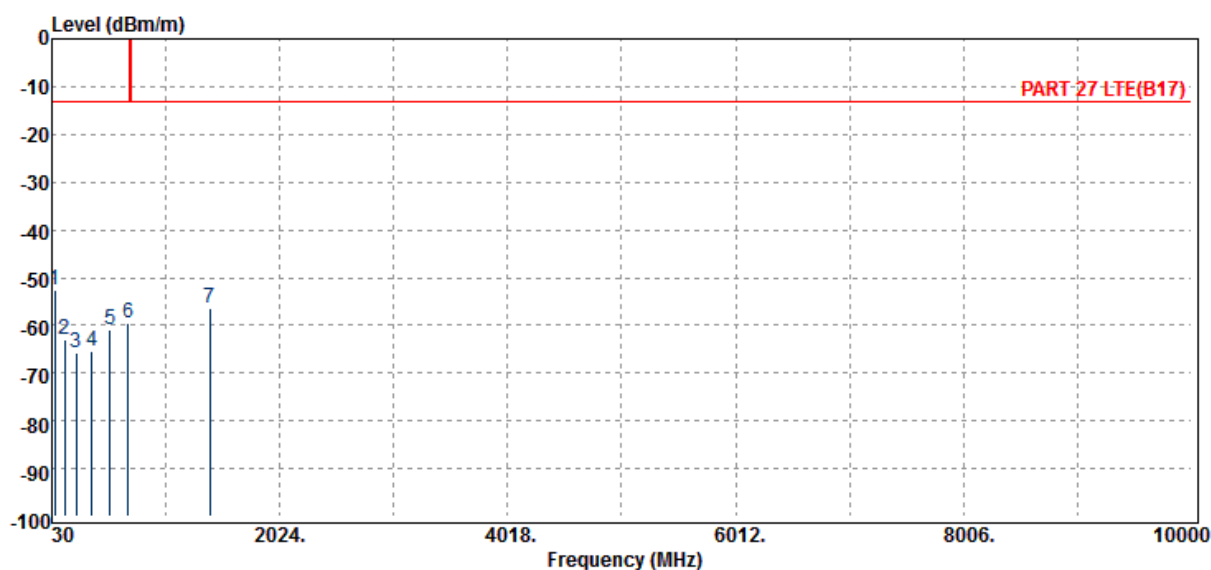
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Radiated Spurious Emission Measurement Result: LTE-Band 17 (The Worst Case)

| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B17 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :706.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 54.25 | S | -52.75 | -41.79 | -10.18 | -0.78 | -13.00 | -39.75 |
| 138.64 | S | -62.86 | -59.35 | -2.26 | -1.25 | -13.00 | -49.86 |
| 241.46 | S | -65.90 | -67.71 | 3.49 | -1.68 | -13.00 | -52.90 |
| 382.11 | S | -65.52 | -67.26 | 3.76 | -2.02 | -13.00 | -52.52 |
| 537.31 | S | -61.04 | -62.98 | 4.00 | -2.07 | -13.00 | -48.04 |
| 694.45 | S | -59.46 | -60.54 | 3.69 | -2.61 | -13.00 | -46.46 |
| 1413.00 | H | -56.30 | -60.54 | 8.25 | -4.00 | -13.00 | -43.30 |

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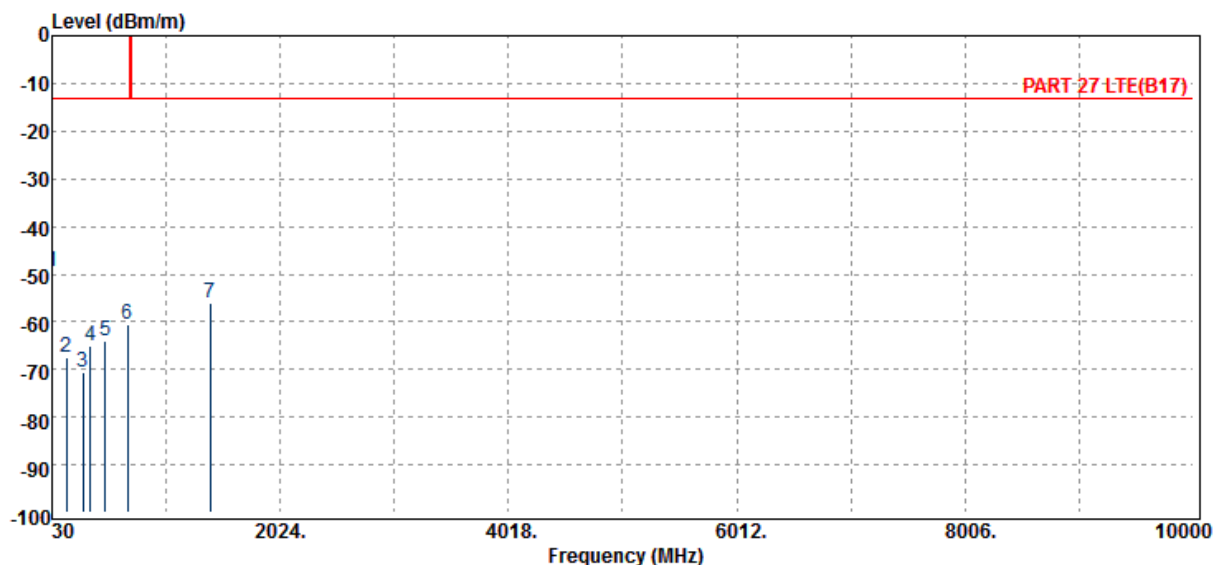
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B17 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :706.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -49.51 | -34.83 | -14.08 | -0.59 | -13.00 | -36.51 |
| 154.16 | S | -67.50 | -64.64 | -1.57 | -1.30 | -13.00 | -54.50 |
| 299.66 | S | -70.46 | -72.25 | 3.61 | -1.82 | -13.00 | -57.46 |
| 367.56 | S | -65.00 | -66.74 | 3.80 | -2.06 | -13.00 | -52.00 |
| 495.60 | S | -64.06 | -65.99 | 4.01 | -2.09 | -13.00 | -51.06 |
| 692.51 | S | -60.72 | -61.66 | 3.70 | -2.76 | -13.00 | -47.72 |
| 1413.00 | H | -55.98 | -60.23 | 8.25 | -4.00 | -13.00 | -42.98 |

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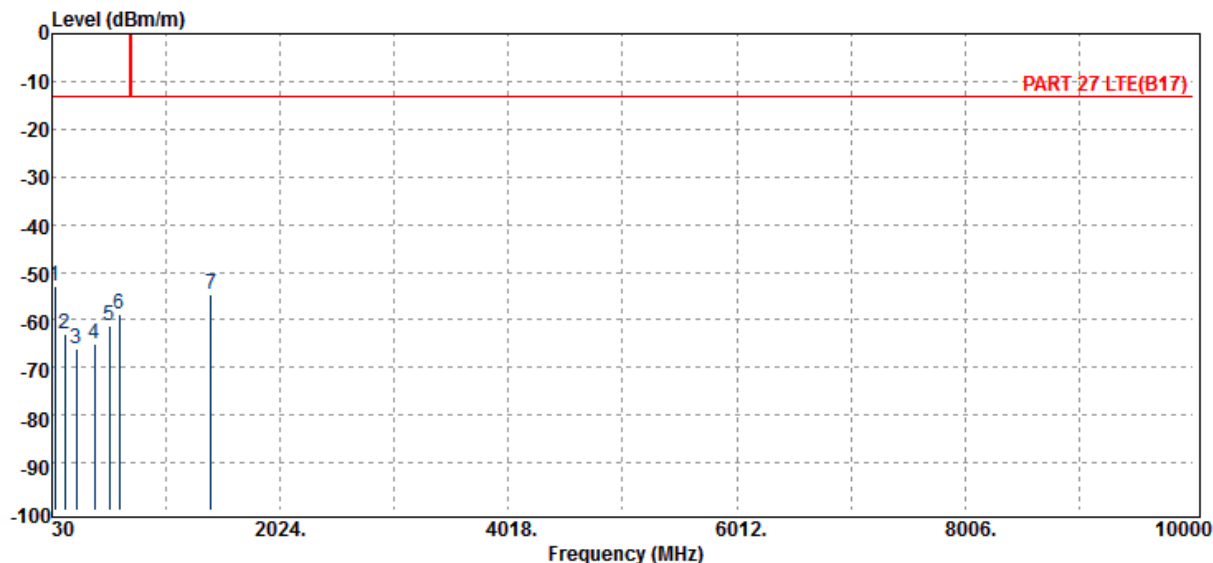
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B17 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :710 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.19 | S | -52.87 | -42.35 | -9.72 | -0.79 | -13.00 | -39.87 |
| 138.64 | S | -62.95 | -59.43 | -2.26 | -1.25 | -13.00 | -49.95 |
| 239.52 | S | -65.97 | -67.77 | 3.47 | -1.67 | -13.00 | -52.97 |
| 403.45 | S | -65.21 | -66.77 | 3.70 | -2.14 | -13.00 | -52.21 |
| 532.46 | S | -61.26 | -62.99 | 4.01 | -2.27 | -13.00 | -48.26 |
| 616.85 | S | -58.76 | -59.86 | 3.64 | -2.54 | -13.00 | -45.76 |
| 1420.00 | H | -54.79 | -59.06 | 8.28 | -4.01 | -13.00 | -41.79 |

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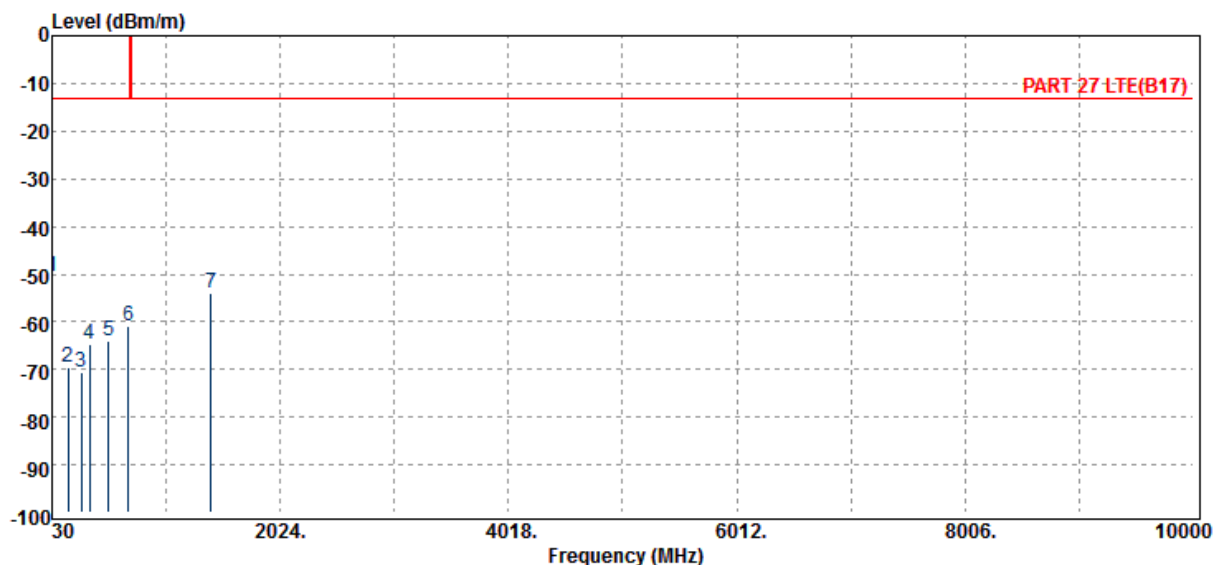
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B17 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :710 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 31.94 | S | -50.62 | -35.94 | -14.08 | -0.59 | -13.00 | -37.62 |
| 173.56 | S | -69.70 | -68.31 | -0.04 | -1.35 | -13.00 | -56.70 |
| 287.05 | S | -70.60 | -72.25 | 3.42 | -1.77 | -13.00 | -57.60 |
| 356.89 | S | -64.88 | -66.66 | 3.83 | -2.05 | -13.00 | -51.88 |
| 527.61 | S | -64.11 | -65.65 | 4.01 | -2.47 | -13.00 | -51.11 |
| 700.27 | S | -60.92 | -62.44 | 3.67 | -2.16 | -13.00 | -47.92 |
| 1420.00 | H | -54.13 | -58.39 | 8.28 | -4.01 | -13.00 | -41.13 |

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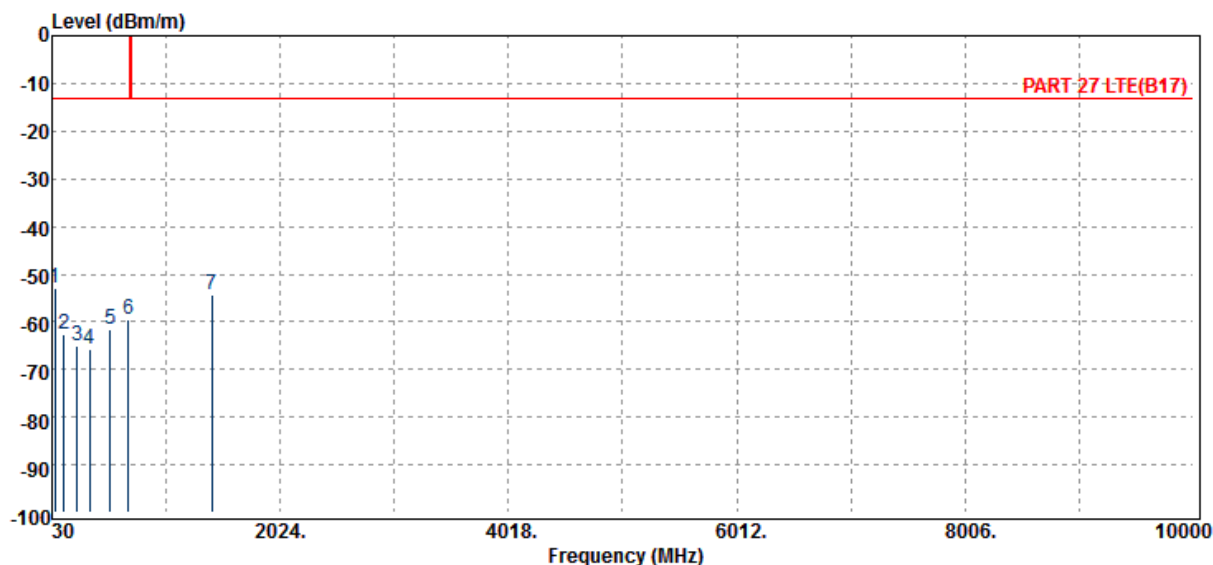
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B17 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :713.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.78 | -42.48 | -9.50 | -0.80 | -13.00 | -39.78 |
| 136.70 | S | -62.47 | -59.03 | -2.19 | -1.24 | -13.00 | -49.47 |
| 248.25 | S | -65.01 | -66.84 | 3.52 | -1.69 | -13.00 | -52.01 |
| 354.95 | S | -65.63 | -67.43 | 3.84 | -2.04 | -13.00 | -52.63 |
| 541.19 | S | -61.63 | -63.72 | 3.99 | -1.91 | -13.00 | -48.63 |
| 699.30 | S | -59.41 | -60.85 | 3.68 | -2.24 | -13.00 | -46.41 |
| 1427.00 | H | -54.48 | -58.76 | 8.30 | -4.03 | -13.00 | -41.48 |

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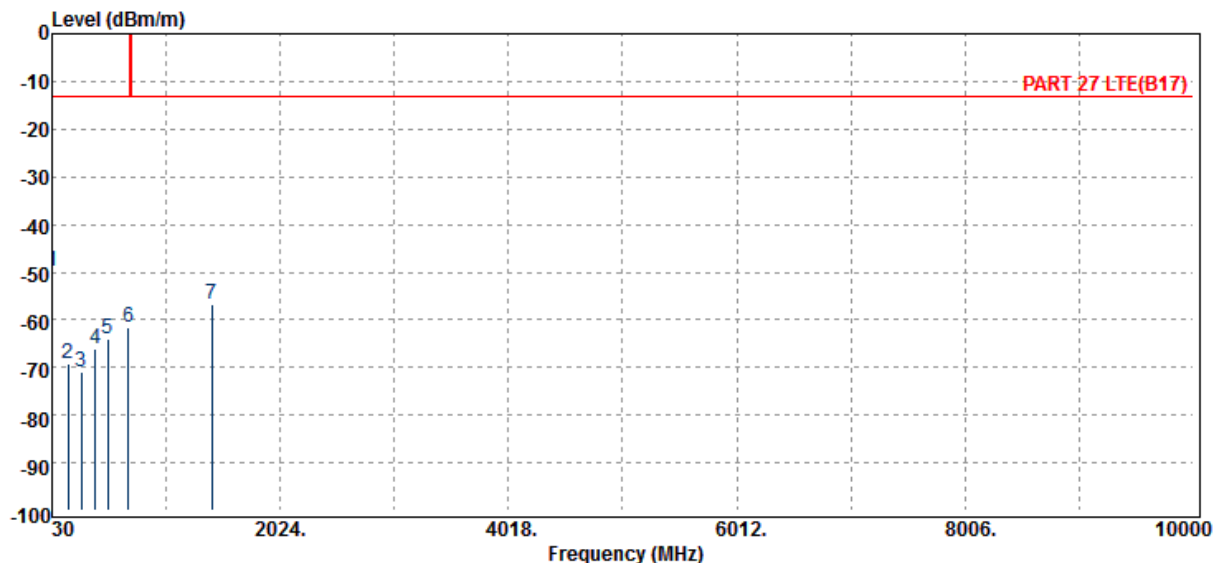
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|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B17 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :713.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.84 | -34.68 | -14.58 | -0.58 | -13.00 | -36.84 |
| 167.74 | S | -69.10 | -67.02 | -0.76 | -1.32 | -13.00 | -56.10 |
| 287.05 | S | -70.78 | -72.43 | 3.42 | -1.77 | -13.00 | -57.78 |
| 408.30 | S | -66.20 | -67.74 | 3.68 | -2.14 | -13.00 | -53.20 |
| 517.91 | S | -64.12 | -65.66 | 4.03 | -2.49 | -13.00 | -51.12 |
| 697.36 | S | -61.61 | -62.91 | 3.68 | -2.38 | -13.00 | -48.61 |
| 1427.00 | H | -56.58 | -60.86 | 8.30 | -4.03 | -13.00 | -43.58 |

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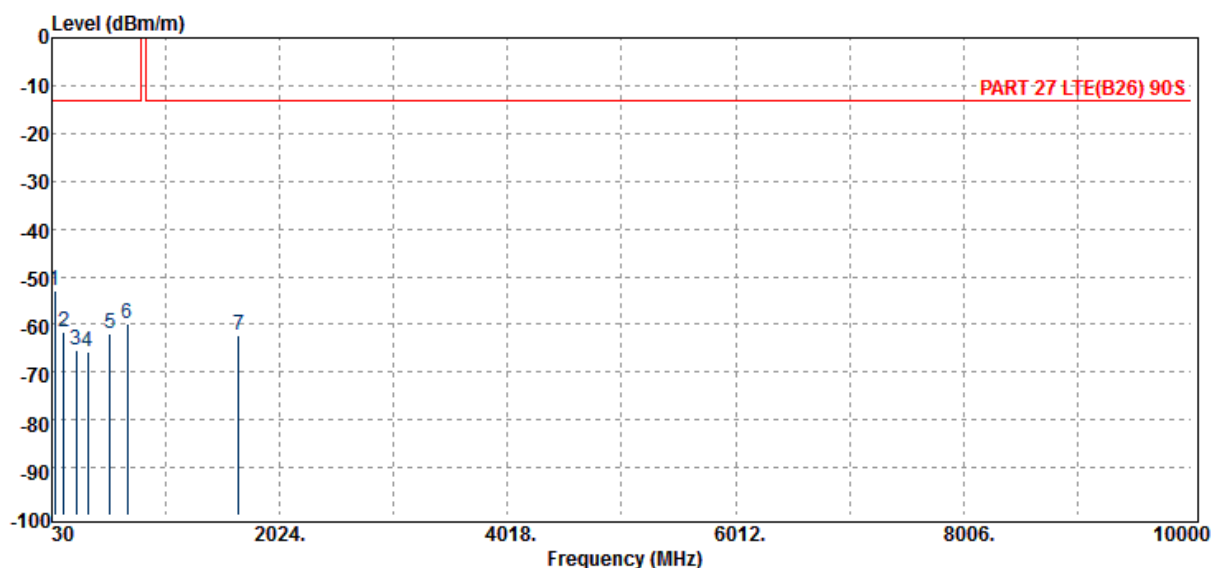
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Radiated Spurious Emission Measurement Result: LTE-Band 26 (The Worst Case)

| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :831.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.19 | S | -53.02 | -42.50 | -9.72 | -0.79 | -13.00 | -40.02 |
| 136.70 | S | -61.66 | -58.23 | -2.19 | -1.24 | -13.00 | -48.66 |
| 239.52 | S | -65.46 | -67.26 | 3.47 | -1.67 | -13.00 | -52.46 |
| 340.40 | S | -65.85 | -67.69 | 3.81 | -1.98 | -13.00 | -52.85 |
| 542.16 | S | -61.77 | -63.90 | 3.99 | -1.87 | -13.00 | -48.77 |
| 686.69 | S | -59.75 | -60.26 | 3.72 | -3.21 | -13.00 | -46.75 |
| 1663.00 | H | -62.11 | -64.76 | 7.02 | -4.38 | -13.00 | -49.11 |

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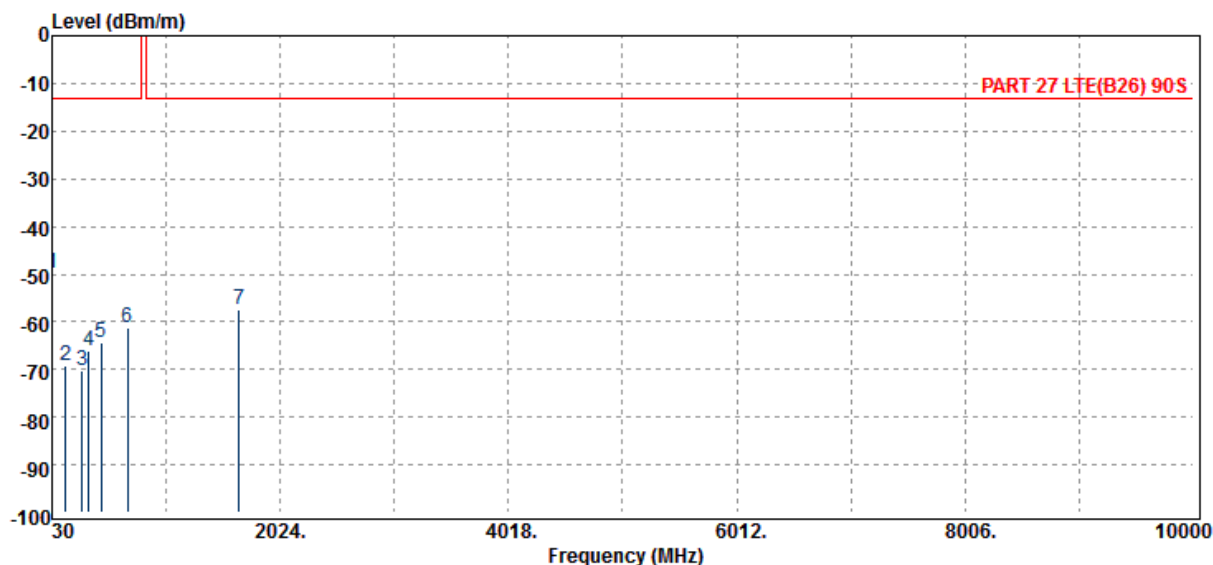
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :831.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.74 | -34.58 | -14.58 | -0.58 | -13.00 | -36.74 |
| 146.40 | S | -69.04 | -65.77 | -1.98 | -1.29 | -13.00 | -56.04 |
| 289.96 | S | -70.27 | -71.91 | 3.42 | -1.78 | -13.00 | -57.27 |
| 352.04 | S | -66.13 | -67.94 | 3.85 | -2.03 | -13.00 | -53.13 |
| 456.80 | S | -64.28 | -65.58 | 3.61 | -2.31 | -13.00 | -51.28 |
| 691.54 | S | -61.41 | -62.27 | 3.70 | -2.83 | -13.00 | -48.41 |
| 1663.00 | H | -57.50 | -60.15 | 7.02 | -4.38 | -13.00 | -44.50 |

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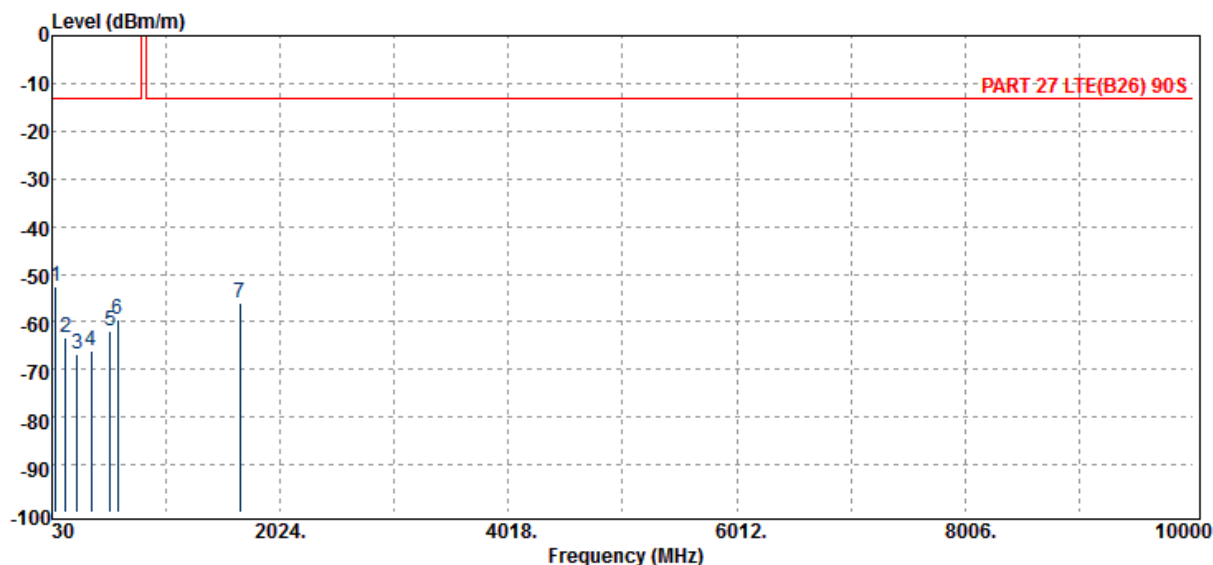
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :836.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 59.10 | S | -52.44 | -42.56 | -9.06 | -0.82 | -13.00 | -39.44 |
| 148.34 | S | -63.16 | -59.99 | -1.89 | -1.29 | -13.00 | -50.16 |
| 253.10 | S | -66.66 | -68.54 | 3.58 | -1.70 | -13.00 | -53.66 |
| 372.41 | S | -66.16 | -67.90 | 3.79 | -2.05 | -13.00 | -53.16 |
| 541.19 | S | -61.92 | -64.00 | 3.99 | -1.91 | -13.00 | -48.92 |
| 604.24 | S | -59.60 | -61.02 | 3.56 | -2.14 | -13.00 | -46.60 |
| 1673.00 | H | -56.21 | -58.87 | 7.06 | -4.39 | -13.00 | -43.21 |

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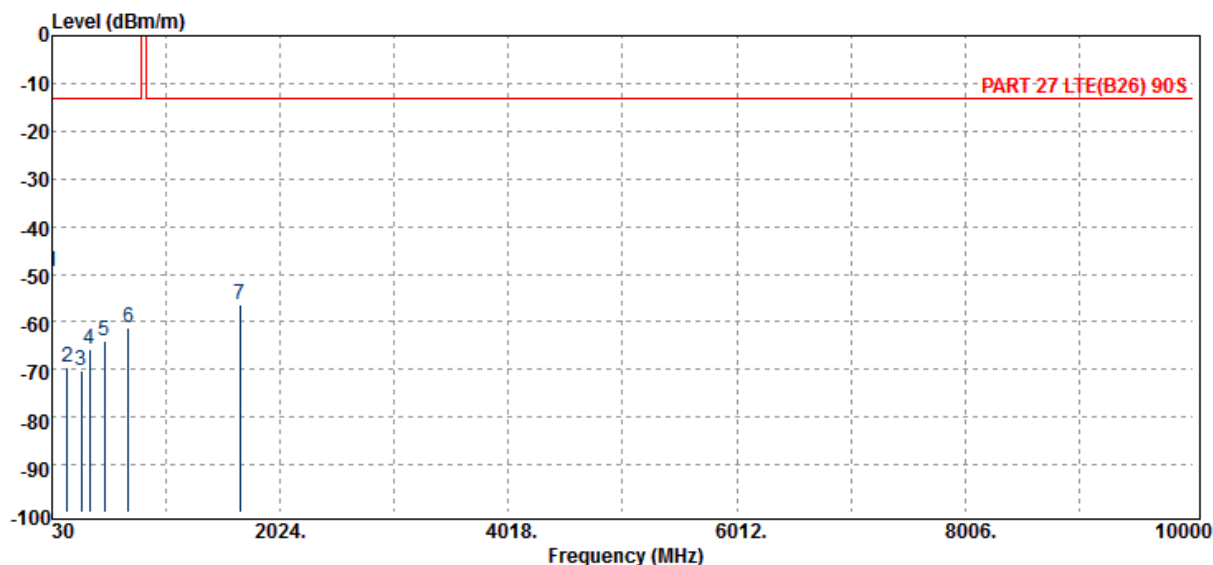
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :836.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -49.36 | -34.20 | -14.58 | -0.58 | -13.00 | -36.36 |
| 162.89 | S | -69.65 | -67.29 | -1.06 | -1.31 | -13.00 | -56.65 |
| 285.11 | S | -70.38 | -72.04 | 3.42 | -1.76 | -13.00 | -57.38 |
| 361.74 | S | -65.71 | -67.47 | 3.82 | -2.06 | -13.00 | -52.71 |
| 490.75 | S | -64.12 | -66.12 | 3.96 | -1.96 | -13.00 | -51.12 |
| 699.30 | S | -61.16 | -62.60 | 3.68 | -2.24 | -13.00 | -48.16 |
| 1673.00 | H | -56.42 | -59.08 | 7.06 | -4.39 | -13.00 | -43.42 |

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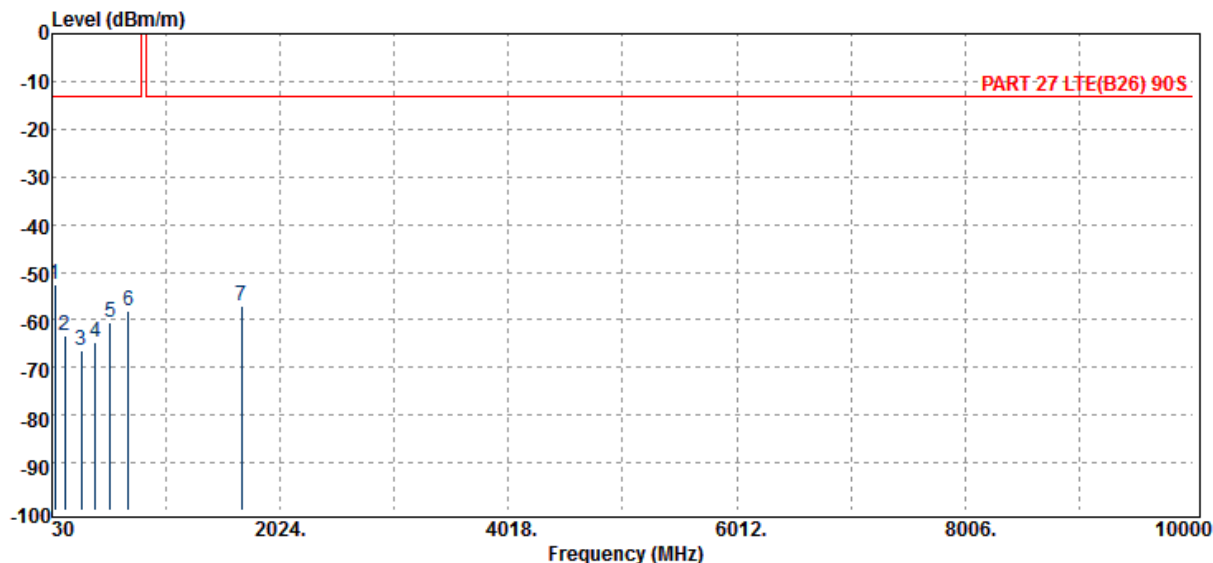
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :841.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 57.16 | S | -52.59 | -42.29 | -9.50 | -0.80 | -13.00 | -39.59 |
| 138.64 | S | -63.18 | -59.66 | -2.26 | -1.25 | -13.00 | -50.18 |
| 287.05 | S | -66.58 | -68.23 | 3.42 | -1.77 | -13.00 | -53.58 |
| 405.39 | S | -64.68 | -66.22 | 3.69 | -2.15 | -13.00 | -51.68 |
| 542.16 | S | -60.54 | -62.66 | 3.99 | -1.87 | -13.00 | -47.54 |
| 699.30 | S | -58.21 | -59.65 | 3.68 | -2.24 | -13.00 | -45.21 |
| 1683.00 | H | -56.92 | -59.60 | 7.09 | -4.41 | -13.00 | -43.92 |

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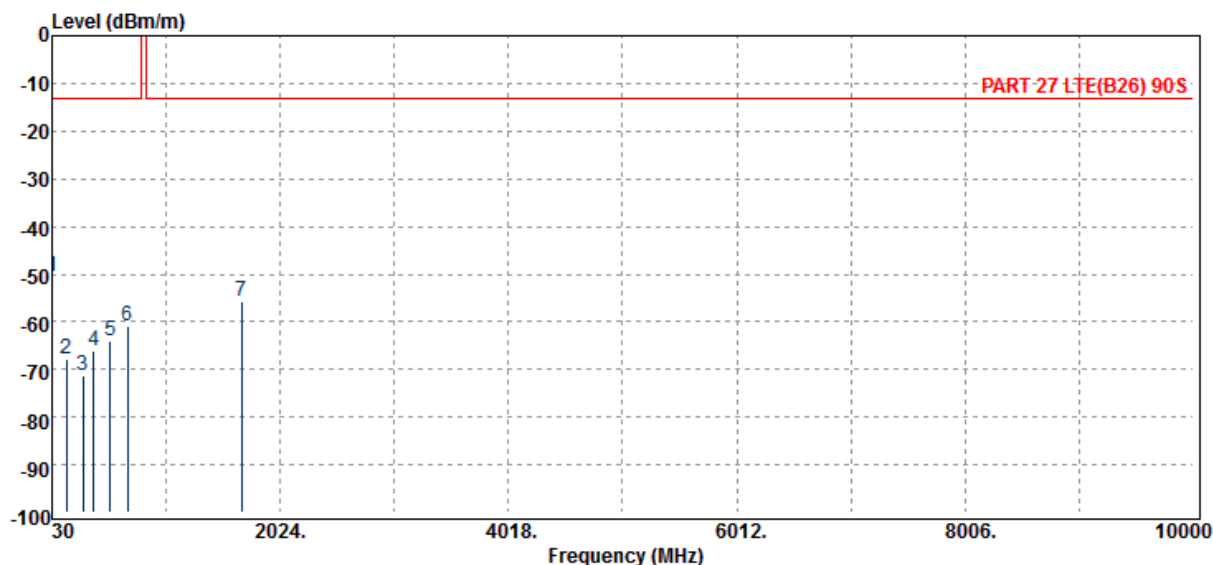
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :841.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.54 | -35.38 | -14.58 | -0.58 | -13.00 | -37.54 |
| 156.10 | S | -67.85 | -65.09 | -1.46 | -1.30 | -13.00 | -54.85 |
| 299.66 | S | -71.12 | -72.90 | 3.61 | -1.82 | -13.00 | -58.12 |
| 390.84 | S | -66.02 | -67.71 | 3.74 | -2.05 | -13.00 | -53.02 |
| 537.31 | S | -64.00 | -65.93 | 4.00 | -2.07 | -13.00 | -51.00 |
| 691.54 | S | -60.81 | -61.68 | 3.70 | -2.83 | -13.00 | -47.81 |
| 1683.00 | H | -55.85 | -58.53 | 7.09 | -4.41 | -13.00 | -42.85 |

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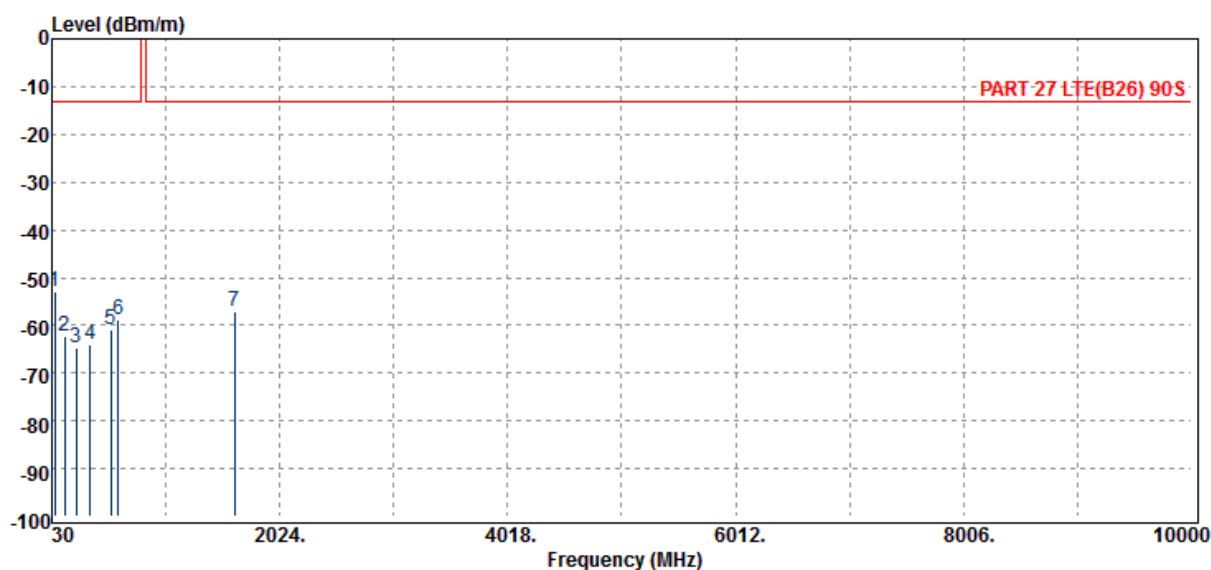
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Radiated Spurious Emission Measurement Result: LTE-Band 26 for Part 90S (The Worst Case)

| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :815.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 54.25 | S | -52.86 | -41.90 | -10.18 | -0.78 | -13.00 | -39.86 |
| 138.64 | S | -62.31 | -58.80 | -2.26 | -1.25 | -13.00 | -49.31 |
| 241.46 | S | -64.59 | -66.40 | 3.49 | -1.68 | -13.00 | -51.59 |
| 364.65 | S | -64.13 | -65.87 | 3.81 | -2.07 | -13.00 | -51.13 |
| 544.10 | S | -60.98 | -63.18 | 3.99 | -1.79 | -13.00 | -47.98 |
| 612.00 | S | -58.78 | -60.01 | 3.61 | -2.38 | -13.00 | -45.78 |
| 1631.00 | H | -57.00 | -59.59 | 6.92 | -4.33 | -13.00 | -44.00 |

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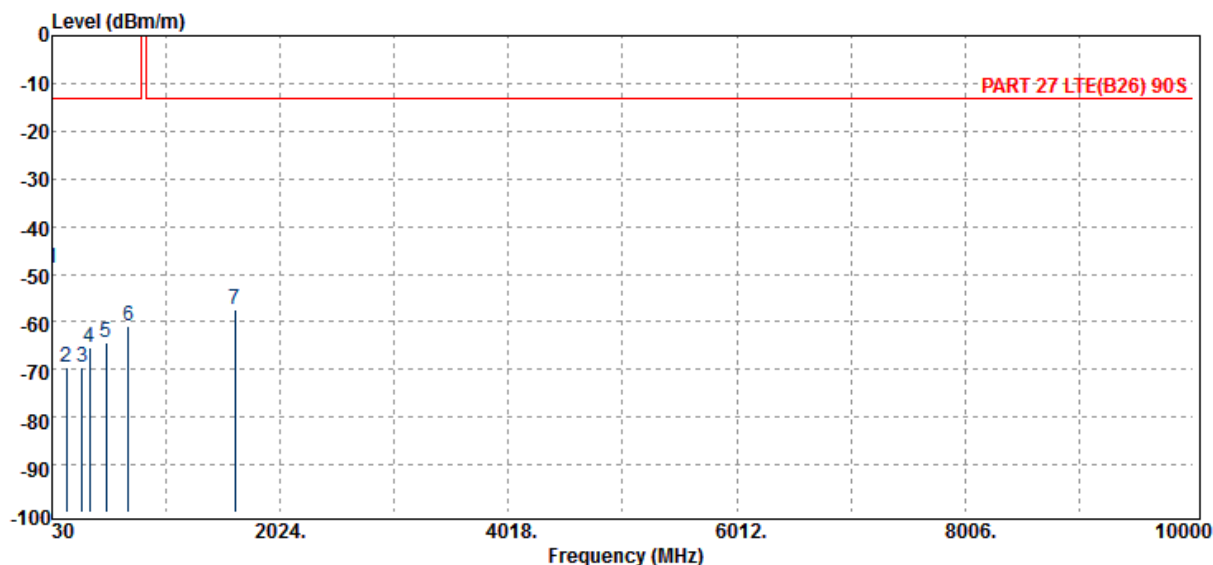
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :815.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH LOW | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -48.91 | -33.75 | -14.58 | -0.58 | -13.00 | -35.91 |
| 154.16 | S | -69.61 | -66.75 | -1.57 | -1.30 | -13.00 | -56.61 |
| 296.75 | S | -69.57 | -71.31 | 3.55 | -1.81 | -13.00 | -56.57 |
| 357.86 | S | -65.42 | -67.20 | 3.83 | -2.05 | -13.00 | -52.42 |
| 502.39 | S | -64.46 | -66.26 | 4.05 | -2.26 | -13.00 | -51.46 |
| 697.36 | S | -60.74 | -62.04 | 3.68 | -2.38 | -13.00 | -47.74 |
| 1631.00 | H | -57.43 | -60.02 | 6.92 | -4.33 | -13.00 | -44.43 |

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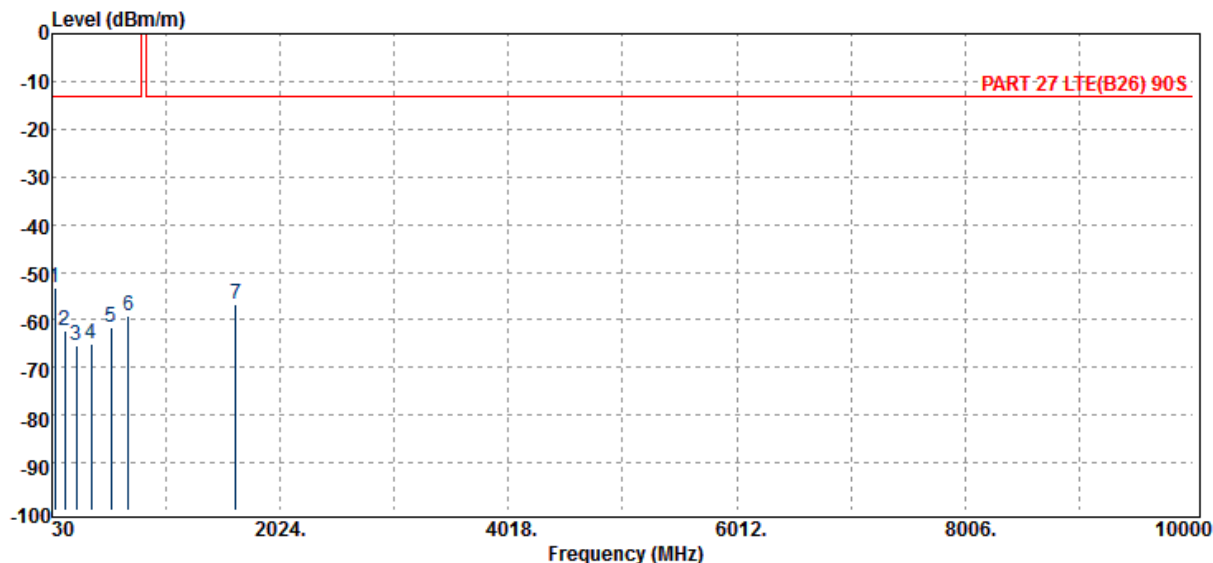
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :819 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 54.25 | S | -53.24 | -42.28 | -10.18 | -0.78 | -13.00 | -40.24 |
| 139.61 | S | -62.28 | -58.73 | -2.29 | -1.26 | -13.00 | -49.28 |
| 241.46 | S | -65.27 | -67.08 | 3.49 | -1.68 | -13.00 | -52.27 |
| 371.44 | S | -65.15 | -66.89 | 3.79 | -2.05 | -13.00 | -52.15 |
| 548.95 | S | -61.57 | -63.58 | 3.98 | -1.97 | -13.00 | -48.57 |
| 694.45 | S | -59.05 | -60.13 | 3.69 | -2.61 | -13.00 | -46.05 |
| 1638.00 | H | -56.59 | -59.20 | 6.94 | -4.34 | -13.00 | -43.59 |

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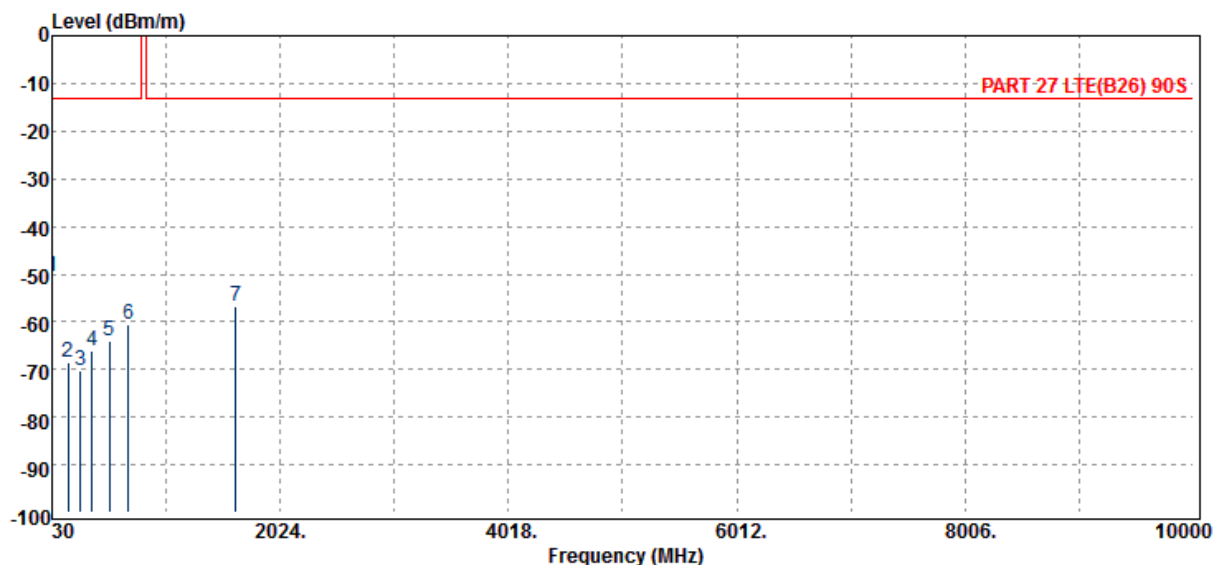
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| | | | |
|-----------------------|------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :819 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH MID | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.37 | -35.21 | -14.58 | -0.58 | -13.00 | -37.37 |
| 167.74 | S | -68.39 | -66.32 | -0.76 | -1.32 | -13.00 | -55.39 |
| 282.20 | S | -70.24 | -71.91 | 3.42 | -1.75 | -13.00 | -57.24 |
| 376.29 | S | -66.11 | -67.86 | 3.78 | -2.03 | -13.00 | -53.11 |
| 534.40 | S | -64.16 | -65.98 | 4.00 | -2.19 | -13.00 | -51.16 |
| 694.45 | S | -60.58 | -61.66 | 3.69 | -2.61 | -13.00 | -47.58 |
| 1638.00 | H | -56.70 | -59.31 | 6.94 | -4.34 | -13.00 | -43.70 |

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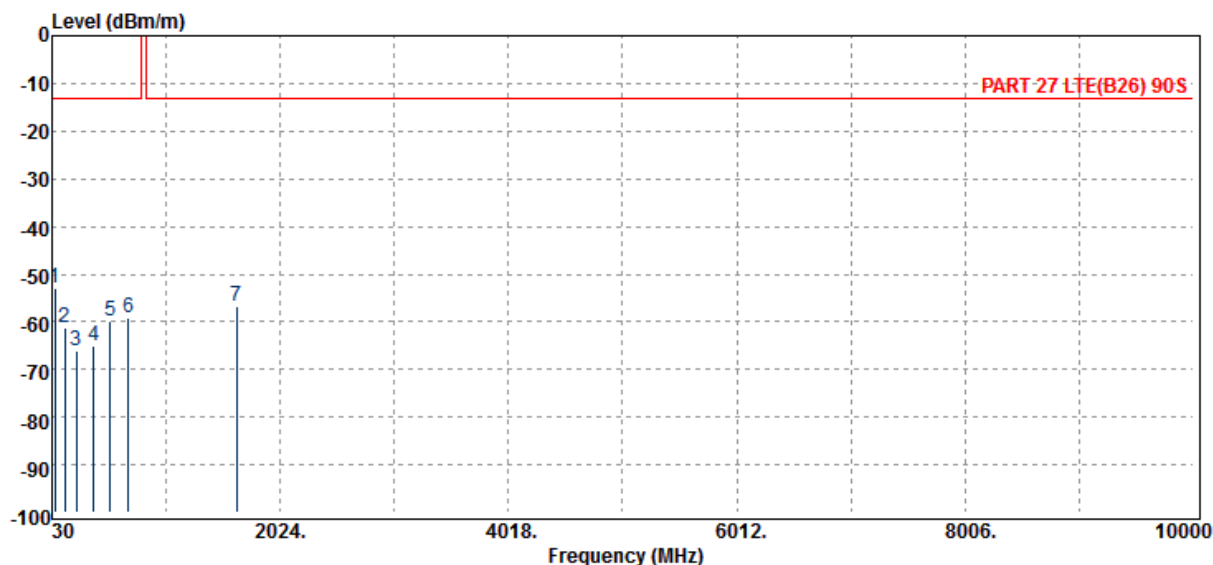
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :822.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna:VERTICAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 56.19 | S | -52.80 | -42.28 | -9.72 | -0.79 | -13.00 | -39.80 |
| 138.64 | S | -61.30 | -57.79 | -2.26 | -1.25 | -13.00 | -48.30 |
| 239.52 | S | -66.02 | -67.83 | 3.47 | -1.67 | -13.00 | -53.02 |
| 393.75 | S | -65.22 | -66.88 | 3.73 | -2.07 | -13.00 | -52.22 |
| 542.16 | S | -59.82 | -61.94 | 3.99 | -1.87 | -13.00 | -46.82 |
| 696.39 | S | -59.11 | -60.34 | 3.69 | -2.46 | -13.00 | -46.11 |
| 1645.00 | H | -56.67 | -59.28 | 6.96 | -4.35 | -13.00 | -43.67 |

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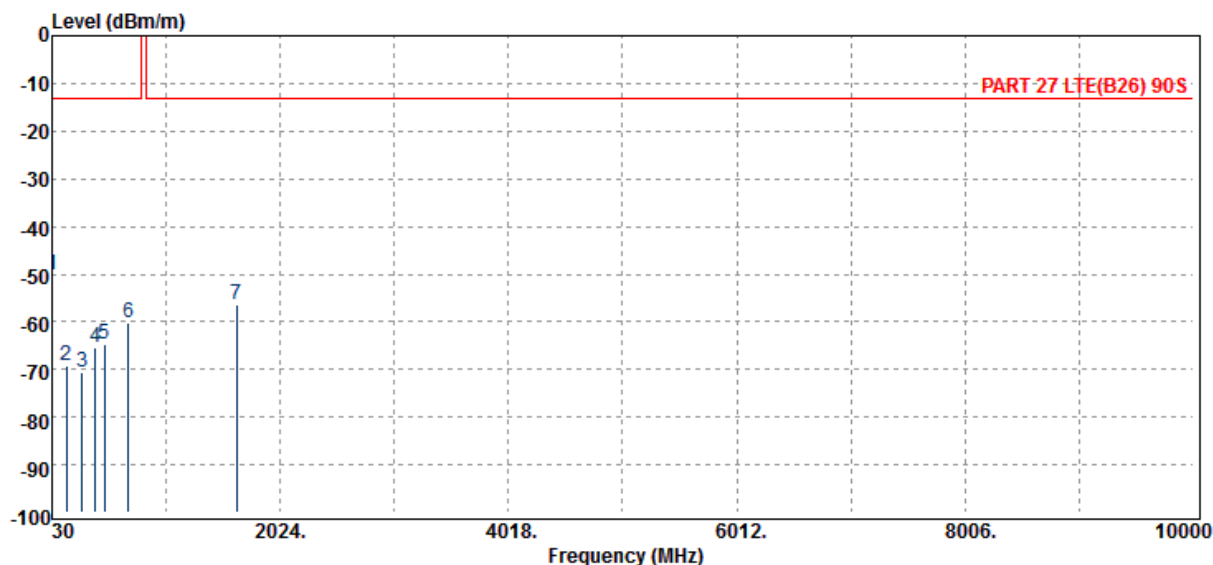
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| | | | |
|-----------------------|-------------|------------------|---------------------|
| Operation Band | :LTE B26 | Temp./Humi. | :24.1 deg_C / 65 RH |
| Fundamental Frequency | :822.5 MHz | Engineer | :Tin |
| Operation Mode | :Tx CH HIGH | | |
| EUT Pol. | :H Plane | Measurement Pol. | Antenna :HORIZONTAL |



| Freq. MHz | Note F/H/E/S | ERP/EIRP dBm | SG Output Level dBm | Antenna Gain dBd/dBi | Cable Loss dB | Limit dBm | Margin dB |
|--------------|-----------------|-----------------|---------------------------|----------------------------|---------------------|--------------|--------------|
| 30.00 | S | -50.21 | -35.05 | -14.58 | -0.58 | -13.00 | -37.21 |
| 156.10 | S | -69.25 | -66.49 | -1.46 | -1.30 | -13.00 | -56.25 |
| 296.75 | S | -70.52 | -72.26 | 3.55 | -1.81 | -13.00 | -57.52 |
| 410.24 | S | -65.52 | -67.06 | 3.68 | -2.13 | -13.00 | -52.52 |
| 490.75 | S | -64.58 | -66.58 | 3.96 | -1.96 | -13.00 | -51.58 |
| 696.39 | S | -60.30 | -61.53 | 3.69 | -2.46 | -13.00 | -47.30 |
| 1645.00 | H | -56.47 | -59.08 | 6.96 | -4.35 | -13.00 | -43.47 |

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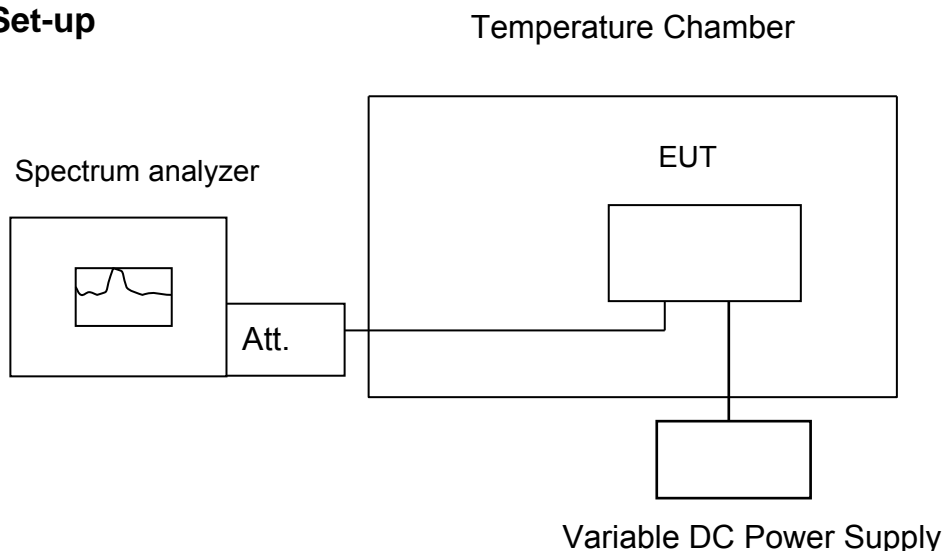
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11. FREQUENCY STABILITY MEASUREMENT

11.1. Standard Applicabl

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

11.2. Test Set-up



Note: Measurement setup for testing on Antenna connector

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11.3. Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25 . Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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11.4. Measurement Equipment Used

| Conducted Emission (measured at antenna port) Test Site | | | | | |
|---|---------------|--------------|---------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Power Meter | Anritsu | ML2495A | 1005007 | 12/29/2017 | 12/28/2018 |
| Power Sensor | Anritsu | MA2411B | 917032 | 12/29/2017 | 12/28/2018 |
| Power Meter | Anritsu | ML2496A | 1242004 | 10/16/2017 | 10/15/2018 |
| Power Sensor | Anritsu | MA2411B | 1207365 | 10/16/2017 | 10/15/2018 |
| Power Sensor | Anritsu | MA2411B | 1207368 | 10/16/2017 | 10/15/2018 |
| EXA Spectrum Analyzer | Agilent | N9010A | MY54200716 | 10/16/2017 | 10/15/2018 |
| EXA Spectrum Analyzer | Agilent | N9030A | MY53120760 | 04/09/2018 | 04/08/2019 |
| DC Block | Mini-Circuits | BLK-18-S+ | 1 | 01/02/2018 | 01/01/2019 |
| Coaxial Cable | HU-BER+SUHNER | SUCOFLEX 102 | 23670/2 | 01/02/2018 | 01/01/2019 |
| Attenuator | Mini-Circuit | BW-S10W2+ | 2 | 01/02/2018 | 01/01/2019 |
| Splitter | Agilent | 11636B | N/A | 01/02/2018 | 01/01/2019 |
| DC Power Supply | Agilent | E3640A | MY52410006 | 11/28/2017 | 11/27/2018 |
| Temperature Chamber | TERCHY | MHG-120LF | 911009 | 05/19/2017 | 05/18/2018 |
| Power Meter | Anritsu | ML2495A | 1005007 | 12/29/2017 | 12/28/2018 |

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11.5. Measurement Result

FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: WCDMA II Mid Channel 1880 MHz | | | | |
|--|-----------------|------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temperature () | (MHz) | | |
| 4.255 | 20 | 1880000005 | 5 | 4700 |
| 3.7 | 20 | 1880000006 | 6 | 4700 |
| 3.14 | 20 | 1880000009 | 9 | 4700 |
| 3 (End point) | 20 | 1880000005 | 5 | 4700 |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: WCDMA II Mid Channel 1880 | | | | |
|--|-----------------|------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temperature () | (MHz) | | |
| 3.7 | 50 | 1880000001 | 1 | 4700 |
| 3.7 | 40 | 1879999997 | -3 | 4700 |
| 3.7 | 30 | 1880000007 | 7 | 4700 |
| 3.7 | 20 | 1879999998 | -2 | 4700 |
| 3.7 | 10 | 1879999993 | -7 | 4700 |
| 3.7 | 0 | 1880000008 | 8 | 4700 |
| 3.7 | -10 | 1880000003 | 3 | 4700 |
| 3.7 | -20 | 1880000007 | 7 | 4700 |
| 3.7 | -30 | 1880000001 | 1 | 4700 |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: WCDMA IV Mid Channel 1732.6 MHz | | | | |
|--|-----------------|------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temperature () | (MHz) | | |
| 4.255 | 20 | 1732599999 | -1 | 4331 |
| 3.7 | 20 | 1732599992 | -8 | 4331 |
| 3.14 | 20 | 1732599996 | -4 | 4331 |
| 3 (End point) | 20 | 1732600001 | 1 | 4331 |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: WCDMA II Mid Channel 1880 | | | | |
|--|-----------------|------------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temperature () | (MHz) | | |
| 3.7 | 50 | 1732600004 | 4 | 4331 |
| 3.7 | 40 | 1732600001 | 1 | 4331 |
| 3.7 | 30 | 1732600006 | 6 | 4331 |
| 3.7 | 20 | 1732599994 | -6 | 4331 |
| 3.7 | 10 | 1732599994 | -6 | 4331 |
| 3.7 | 0 | 1732600008 | 8 | 4331 |
| 3.7 | -10 | 1732599992 | -8 | 4331 |
| 3.7 | -20 | 1732599995 | -5 | 4331 |
| 3.7 | -30 | 1732599992 | -8 | 4331 |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: WCDMA V Mid Channel 836.6 MHz | | | | |
|--|-----------------|-----------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temperature () | (MHz) | | |
| 4.255 | 20 | 836599993 | -7 | 2091 |
| 3.7 | 20 | 836599992 | -8 | 2091 |
| 3.14 | 20 | 836600007 | 7 | 2091 |
| 3 (End point) | 20 | 836600005 | 5 | 2091 |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: WCDMA V Mid Channel 836.6 MHz | | | | |
|--|-----------------|-----------|------------|------------|
| Limit: +/- 2.5 ppm | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) |
| Vdc | Temperature () | (MHz) | | |
| 3.7 | 50 | 836600002 | 2 | 2091 |
| 3.7 | 40 | 836599993 | -7 | 2091 |
| 3.7 | 30 | 836599997 | -3 | 2091 |
| 3.7 | 20 | 836600007 | 7 | 2091 |
| 3.7 | 10 | 836600002 | 2 | 2091 |
| 3.7 | 0 | 836599999 | -1 | 2091 |
| 3.7 | -10 | 836599992 | -8 | 2091 |
| 3.7 | -20 | 836600009 | 9 | 2091 |
| 3.7 | -30 | 836599995 | -5 | 2091 |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: | | LTE B2 Mid Channel | 1880.0 | MHz | 20M QPSK CH 18900 |
|----------------------|-----------------|--------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 4.25 | 25 | 1880.000006 | 5.99999998 | 4700 | |
| 3.7 | 25 | 1880.000004 | 3.99999999 | 4700 | |
| 3.145 | 25 | 1879.999998 | -2 | 4700 | |
| 3 | 25 | 1880.000009 | 9.00000009 | 4700 | |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: | | LTE B2 Mid Channel | 1880.0 | MHz | 20M QPSK CH 18900 |
|----------------------|-----------------|--------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 3.7 | -30 | 1880.000001 | 1.00000011 | 4700 | |
| 3.7 | -20 | 1880.000009 | 9.00000009 | 4700 | |
| 3.7 | -10 | 1879.999996 | -4 | 4700 | |
| 3.7 | 0 | 1880.000000 | 0 | 4700 | |
| 3.7 | 10 | 1880.000001 | 1.00000011 | 4700 | |
| 3.7 | 20 | 1880.000002 | 1.99999999 | 4700 | |
| 3.7 | 30 | 1880.000000 | 0 | 4700 | |
| 3.7 | 40 | 1879.999999 | -1.0000001 | 4700 | |
| 3.7 | 50 | 1880.000005 | 5.0000001 | 4700 | |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: | | LTE B4 Mid Channel | 1732.5 | MHz | 20M QPSK CH 20175 |
|----------------------|-----------------|--------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 4.25 | 25 | 1732.500003 | 3.00000011 | 4331 | |
| 3.7 | 25 | 1732.500008 | 7.99999998 | 4331 | |
| 3.145 | 25 | 1732.500003 | 3.00000011 | 4331 | |
| 3 | 25 | 1732.500000 | 0 | 4331 | |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: | | LTE B4 Mid Channel | 1732.5 | MHz | 20M QPSK CH 20175 |
|----------------------|-----------------|--------------------|-------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 3.7 | -30 | 1732.499995 | -5.00000001 | 4331 | |
| 3.7 | -20 | 1732.499998 | -2 | 4331 | |
| 3.7 | -10 | 1732.499999 | -1.00000001 | 4331 | |
| 3.7 | 0 | 1732.499996 | -4 | 4331 | |
| 3.7 | 10 | 1732.500003 | 3.00000011 | 4331 | |
| 3.7 | 20 | 1732.499998 | -2 | 4331 | |
| 3.7 | 30 | 1732.499999 | -1.00000001 | 4331 | |
| 3.7 | 40 | 1732.500004 | 3.99999999 | 4331 | |
| 3.7 | 50 | 1732.500000 | 0 | 4331 | |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: | | LTE B5 Mid Channel | 836.5 | MHz | 10M QPSK CH 20525 |
|----------------------|-----------------|--------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 4.25 | 25 | 836.500009 | 8.99999998 | 2091 | |
| 3.7 | 25 | 836.500000 | 0 | 2091 | |
| 3.145 | 25 | 836.500008 | 7.99999998 | 2091 | |
| 3 | 25 | 836.500009 | 8.99999998 | 2091 | |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: | | LTE B5 Mid Channel | 836.5 | MHz | 10M QPSK CH 20525 |
|----------------------|-----------------|--------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 3.7 | -30 | 836.500007 | 6.99999998 | 2091 | |
| 3.7 | -20 | 836.500004 | 3.99999999 | 2091 | |
| 3.7 | -10 | 836.500003 | 2.99999999 | 2091 | |
| 3.7 | 0 | 836.500002 | 1.99999999 | 2091 | |
| 3.7 | 10 | 836.500007 | 6.99999998 | 2091 | |
| 3.7 | 20 | 836.500004 | 3.99999999 | 2091 | |
| 3.7 | 30 | 836.499996 | -4 | 2091 | |
| 3.7 | 40 | 836.500002 | 1.99999999 | 2091 | |
| 3.7 | 50 | 836.499995 | -5 | 2091 | |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: | | LTE B17 Mid Channel | 710 | MHz | 10M QPSK CH 23790 |
|----------------------|-----------------|---------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 4.25 | 25 | 709.999997 | -3 | 1775 | |
| 3.7 | 25 | 710.000004 | 3.99999999 | 1775 | |
| 3.145 | 25 | 710.000000 | 0 | 1775 | |
| 3 | 25 | 710.000001 | 1 | 1775 | |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: | | LTE B17 Mid Channel | 710 | MHz | 10M QPSK CH 23790 |
|----------------------|-----------------|---------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 3.7 | -30 | 709.999996 | -4 | 1775 | |
| 3.7 | -20 | 709.999999 | -1 | 1775 | |
| 3.7 | -10 | 710.000007 | 6.99999998 | 1775 | |
| 3.7 | 0 | 709.999998 | -2 | 1775 | |
| 3.7 | 10 | 709.999995 | -5 | 1775 | |
| 3.7 | 20 | 709.999995 | -5 | 1775 | |
| 3.7 | 30 | 710.000001 | 1 | 1775 | |
| 3.7 | 40 | 709.999996 | -4 | 1775 | |
| 3.7 | 50 | 710.000001 | 1 | 1775 | |

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FREQUENCY ERROR vs. VOLTAGE

| Reference Frequency: | | LTE B26 Mid Channel | 836.5 | MHz | 15M QPSK CH 26915 |
|----------------------|-----------------|---------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 4.25 | 25 | 831.500001 | 1 | 2091 | |
| 3.7 | 25 | 831.499995 | -5 | 2091 | |
| 3.145 | 25 | 831.500006 | 5.99999998 | 2091 | |
| 3 | 25 | 831.500007 | 6.99999998 | 2091 | |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: | | LTE B26 Mid Channel | 836.5 | MHz | 15M QPSK CH 26915 |
|----------------------|-----------------|---------------------|------------|------------|-------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 3.7 | -30 | 831.500001 | 1 | 2091 | |
| 3.7 | -20 | 831.500004 | 3.99999999 | 2091 | |
| 3.7 | -10 | 831.499998 | -2 | 2091 | |
| 3.7 | 0 | 831.500008 | 7.99999998 | 2091 | |
| 3.7 | 10 | 831.500001 | 1 | 2091 | |
| 3.7 | 20 | 831.499999 | -1 | 2091 | |
| 3.7 | 30 | 831.500005 | 4.99999999 | 2091 | |
| 3.7 | 40 | 831.500001 | 1 | 2091 | |
| 3.7 | 50 | 831.500002 | 1.99999999 | 2091 | |

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FREQUENCY ERROR vs. VOLTAGE (LTE B26 for Part 90S)

| Reference Frequency: | | LTE B26 Mid Channel | 819.0 | MHz | 1.4M QPSK CH 26740 |
|----------------------|-----------------|---------------------|------------|------------|--------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 4.25 | 25 | 819.000007 | 6.99999998 | 2048 | |
| 3.7 | 25 | 819.000006 | 5.99999998 | 2048 | |
| 3.145 | 25 | 818.999996 | -4 | 2048 | |
| 3 | 25 | 819.000009 | 8.99999998 | 2048 | |

FREQUENCY ERROR vs. TEMPERATURE

| Reference Frequency: | | LTE B26 Mid Channel | 819.0 | MHz | 1.4M QPSK CH 26740 |
|----------------------|-----------------|---------------------|------------|------------|--------------------|
| Limit: +/- 2.5 ppm | | | | | |
| Power Supply | Environment | Frequency | Delta (Hz) | Limit (Hz) | |
| Vdc | Temperature () | (MHz) | | | |
| 3.7 | -30 | 819.000002 | 1.99999999 | 2048 | |
| 3.7 | -20 | 819.000000 | 0 | 2048 | |
| 3.7 | -10 | 819.000003 | 2.99999999 | 2048 | |
| 3.7 | 0 | 819.000006 | 5.99999998 | 2048 | |
| 3.7 | 10 | 819.000003 | 2.99999999 | 2048 | |
| 3.7 | 20 | 819.000005 | 4.99999999 | 2048 | |
| 3.7 | 30 | 819.000004 | 3.99999999 | 2048 | |
| 3.7 | 40 | 819.000000 | 0 | 2048 | |
| 3.7 | 50 | 819.000004 | 3.99999999 | 2048 | |

Note: The battery is rated 3.7V dc.

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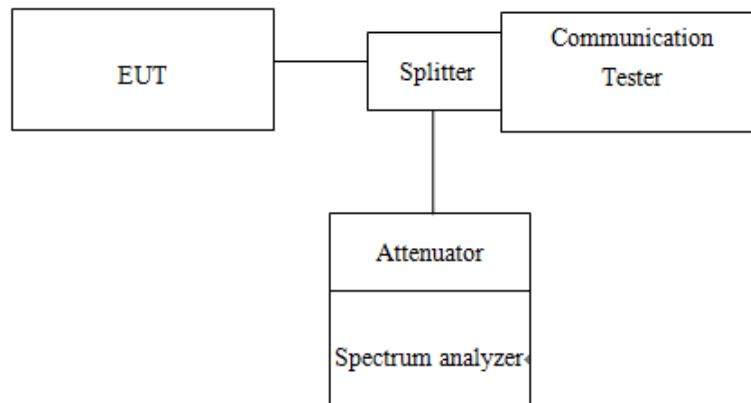
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12. PEAK TO AVERAGE RATIO

12.1. Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2. Test SET-UP



12.3. Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth \geq signal's occupied bandwidth; & internal = 1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

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12.4. Measurement Equipment Used

| Conducted Emission (measured at antenna port) Test Site | | | | | |
|---|---------------|--------------|---------------|------------|------------|
| EQUIPMENT TYPE | MFR | MODEL NUMBER | SERIAL NUMBER | LAST CAL. | CAL DUE. |
| Power Meter | Anritsu | ML2495A | 1005007 | 12/29/2017 | 12/28/2018 |
| Power Sensor | Anritsu | MA2411B | 917032 | 12/29/2017 | 12/28/2018 |
| Power Meter | Anritsu | ML2496A | 1242004 | 10/16/2017 | 10/15/2018 |
| Power Sensor | Anritsu | MA2411B | 1207365 | 10/16/2017 | 10/15/2018 |
| Power Sensor | Anritsu | MA2411B | 1207368 | 10/16/2017 | 10/15/2018 |
| EXA Spectrum Analyzer | Agilent | N9010A | MY54200716 | 10/16/2017 | 10/15/2018 |
| EXA Spectrum Analyzer | Agilent | N9030A | MY53120760 | 04/09/2018 | 04/08/2019 |
| DC Block | Mini-Circuits | BLK-18-S+ | 1 | 01/02/2018 | 01/01/2019 |
| Coaxial Cable | HU-BER+SUHNER | SUCOFLEX 102 | 23670/2 | 01/02/2018 | 01/01/2019 |
| Attenuator | Mini-Circuit | BW-S10W2+ | 2 | 01/02/2018 | 01/01/2019 |
| Splitter | Agilent | 11636B | N/A | 01/02/2018 | 01/01/2019 |
| DC Power Supply | Agilent | E3640A | MY52410006 | 11/28/2017 | 11/27/2018 |
| Temperature Chamber | TERCHY | MHG-120LF | 911009 | 05/19/2017 | 05/18/2018 |

12.5. Measurement Result

Tabular Results:

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| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|----------------|------|-------------------------------|----------|----------|
| | | WCDMA II | HSDPA II | HSUPA II |
| 1850.2 | 9262 | 3.12 | 3.10 | 3.12 |
| 1880.0 | 9400 | 3.10 | 3.09 | 3.08 |
| 1909.8 | 9538 | 2.67 | 2.67 | 2.64 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|----------------|------|-------------------------------|----------|----------|
| | | WCDMA IV | HSDPA IV | HSUPA IV |
| 1712.4 | 1312 | 3.16 | 3.14 | 3.16 |
| 1732.6 | 1413 | 3.31 | 3.29 | 3.30 |
| 1752.6 | 1513 | 3.30 | 3.32 | 3.30 |

| Freq. (MHz) | CH | Peak-to-Average Ratio (dB) | | |
|----------------|------|-------------------------------|---------|---------|
| | | WCDMA V | HSDPA V | HSUPA V |
| 826.4 | 4132 | 3.35 | 3.36 | 3.41 |
| 836.6 | 4183 | 3.42 | 3.40 | 3.42 |
| 846.6 | 4233 | 3.35 | 3.34 | 3.38 |

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| LTE BAND 2 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1850.7 | 18607 | 6.00 | 13 | 1851.5 | 18615 | 6.09 | 13 |
| 1880.0 | 18900 | 6.02 | 13 | 1880.0 | 18900 | 6.02 | 13 |
| 1909.3 | 19193 | 5.59 | 13 | 1908.5 | 19185 | 5.77 | 13 |

| LTE BAND 2 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1852.5 | 18625 | 6.00 | 13 | 1855.0 | 18650 | 6.17 | 13 |
| 1880.0 | 18900 | 5.95 | 13 | 1880.0 | 18900 | 6.00 | 13 |
| 1907.5 | 19175 | 5.73 | 13 | 1905.0 | 19150 | 5.89 | 13 |

| LTE BAND 2 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1857.5 | 18675 | 6.29 | 13 | 1860.0 | 18700 | 6.75 | 13 |
| 1880.0 | 18900 | 6.12 | 13 | 1880.0 | 18900 | 6.67 | 13 |
| 1902.5 | 19125 | 6.20 | 13 | 1900.0 | 19100 | 6.79 | 13 |

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| LTE BAND 4 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1710.7 | 19957 | 6.10 | 13 | 1711.5 | 19965 | 6.00 | 13 |
| 1732.5 | 20175 | 6.12 | 13 | 1732.5 | 20175 | 6.18 | 13 |
| 1754.3 | 20393 | 6.14 | 13 | 1753.5 | 20385 | 6.20 | 13 |

| LTE BAND 4 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1712.5 | 19957 | 5.93 | 13 | 1715.0 | 20000 | 6.06 | 13 |
| 1732.5 | 20175 | 6.09 | 13 | 1732.5 | 20175 | 6.19 | 13 |
| 1752.5 | 20375 | 6.15 | 13 | 1750.0 | 20350 | 6.22 | 13 |

| LTE BAND 4 | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | | Channel bandwidth: 20MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 1717.5 | 20025 | 6.18 | 13 | 1720.0 | 20050 | 6.69 | 13 |
| 1732.5 | 20175 | 6.32 | 13 | 1732.5 | 20175 | 6.69 | 13 |
| 1747.5 | 20325 | 6.18 | 13 | 1745.0 | 20300 | 6.70 | 13 |

| LTE BAND 17 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 706.5 | 23755 | 6.16 | 13 | 709 | 23780 | 6.20 | 13 |
| 710 | 23790 | 6.20 | 13 | 710 | 23790 | 6.17 | 13 |
| 713.5 | 23825 | 6.15 | 13 | 711 | 23780 | 6.14 | 13 |

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| LTE BAND 26 | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 814.7 | 26697 | 5.72 | 13 | 815.5 | 26705 | 5.82 | 13 |
| 831.5 | 26865 | 5.85 | 13 | 831.5 | 26865 | 5.94 | 13 |
| 848.3 | 27033 | 5.58 | 13 | 847.5 | 27025 | 5.73 | 13 |

| LTE BAND 26 | | | | | | | |
|-------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 816.5 | 26715 | 5.78 | 13 | 820.0 | 26750 | 5.80 | 13 |
| 831.5 | 26865 | 5.72 | 13 | 831.5 | 26865 | 5.89 | 13 |
| 846.5 | 27015 | 5.68 | 13 | 844.0 | 26990 | 5.86 | 13 |

| LTE BAND 26 | | | |
|--------------------------|-------|-----------|-------|
| Channel bandwidth: 15MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit |
| 822.5 | 26775 | 6.06 | 13 |
| 831.5 | 26865 | 6.11 | 13 |
| 841.5 | 26965 | 6.16 | 13 |

| LTE BAND 26 for part 90S | | | | | | | |
|---------------------------|-------|-----------|-------|-------------------------|-------|-----------|-------|
| Channel bandwidth: 1.4MHz | | | | Channel bandwidth: 3MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 814.7 | 26697 | 5.65 | 13 | 815.5 | 26705 | 5.74 | 13 |
| 819.0 | 26740 | 5.63 | 13 | 819 | 26740 | 5.81 | 13 |
| 823.3 | 26783 | 5.71 | 13 | 822.5 | 26775 | 5.82 | 13 |

| LTE BAND 26 for part 90S | | | | | | | |
|--------------------------|-------|-----------|-------|--------------------------|-------|-----------|-------|
| Channel bandwidth: 5MHz | | | | Channel bandwidth: 10MHz | | | |
| Freq. (MHz) | CH | PAPR (dB) | | Freq. (MHz) | CH | PAPR (dB) | |
| | | 16QAM | Limit | | | 16QAM | Limit |
| 816.5 | 26715 | 5.73 | 13 | 819.0 | 26740 | 5.79 | 13 |
| 819.0 | 26740 | 5.69 | 13 | | | | |
| 821.5 | 26765 | 5.71 | 13 | | | | |

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Measurement Results:

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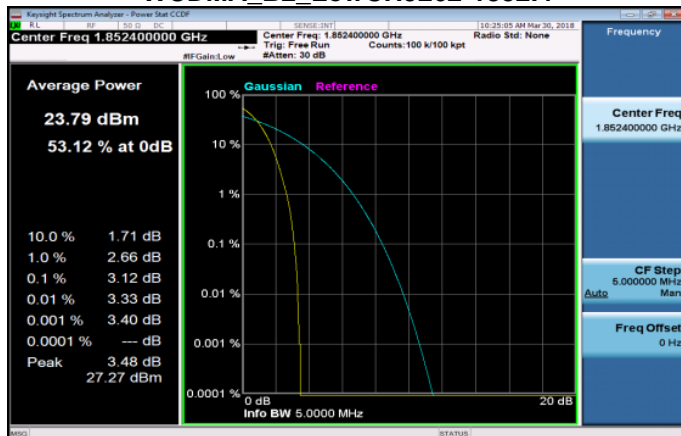
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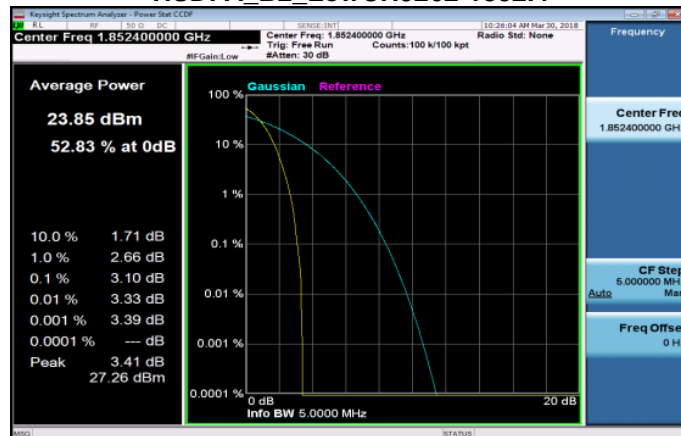
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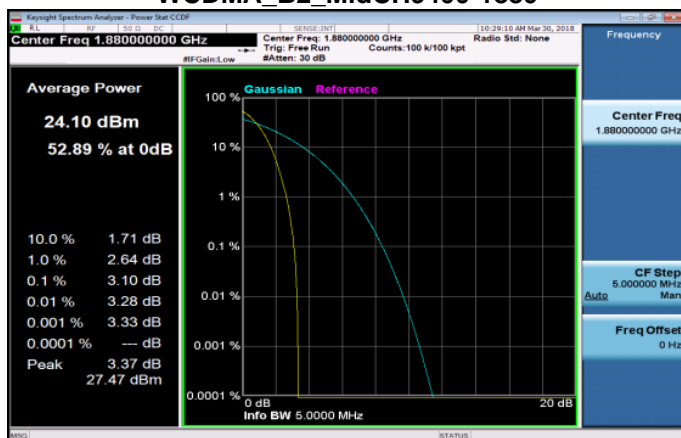
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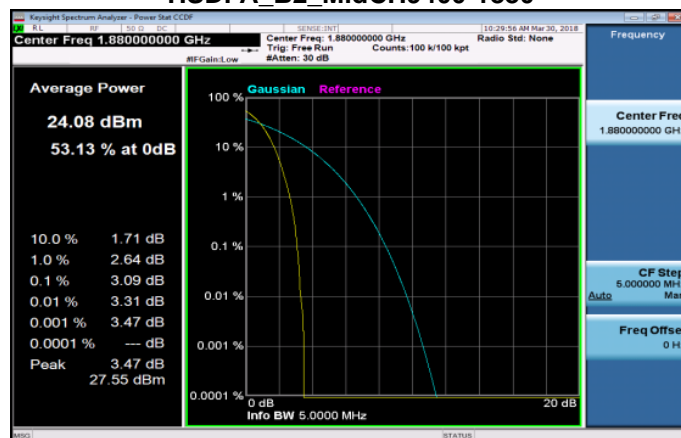
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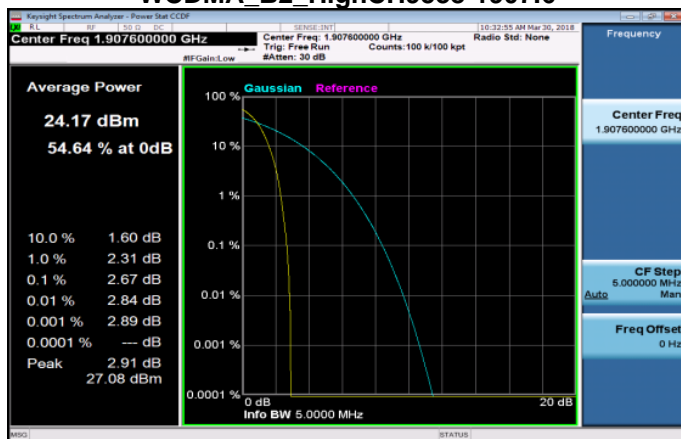
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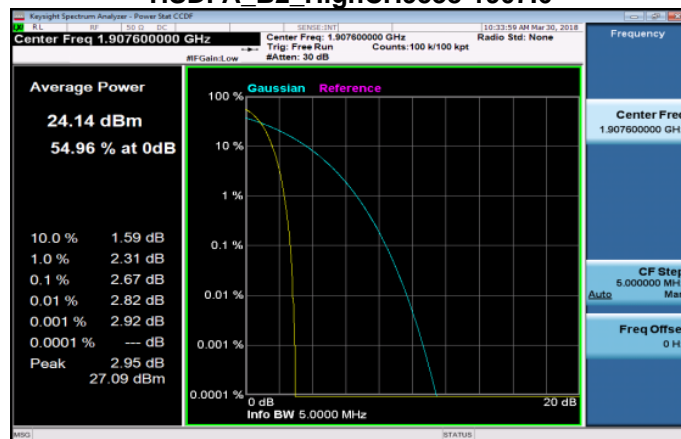
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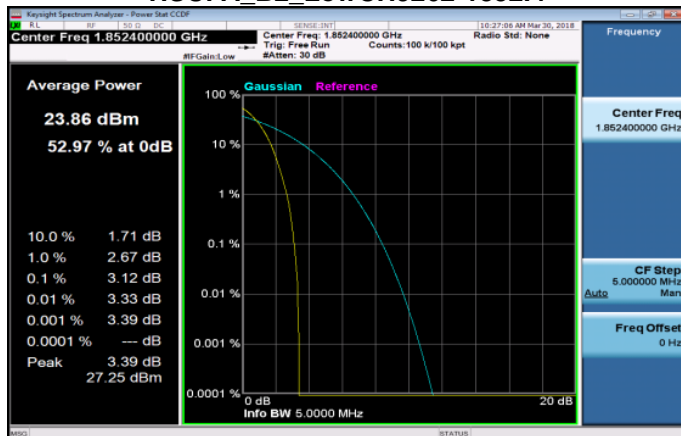
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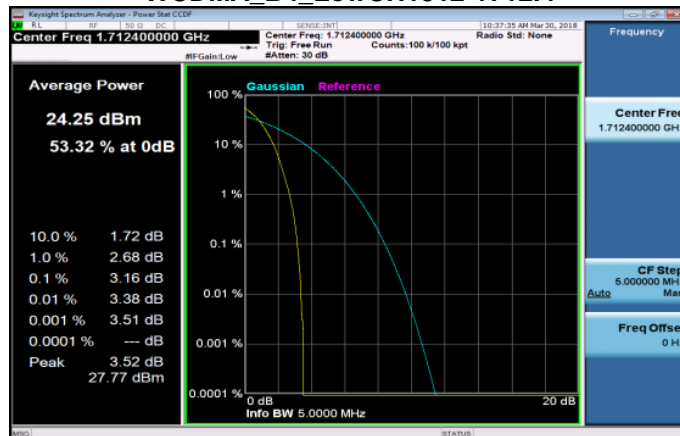
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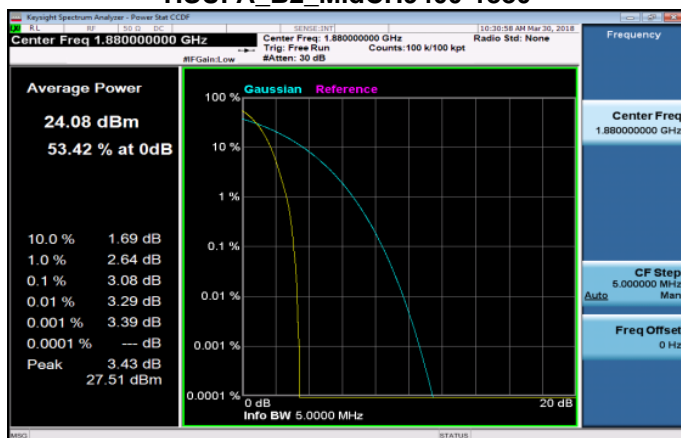
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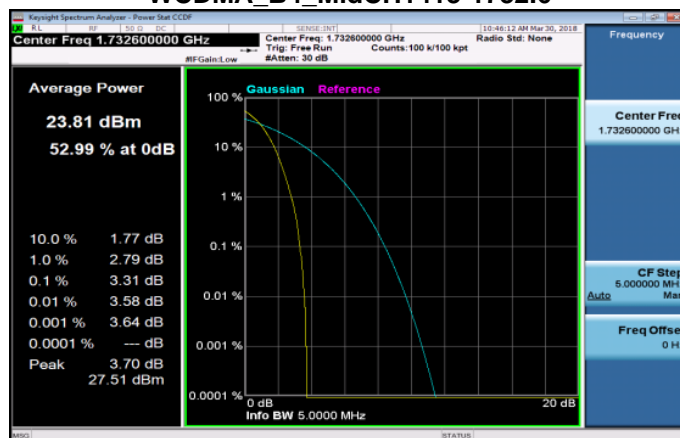
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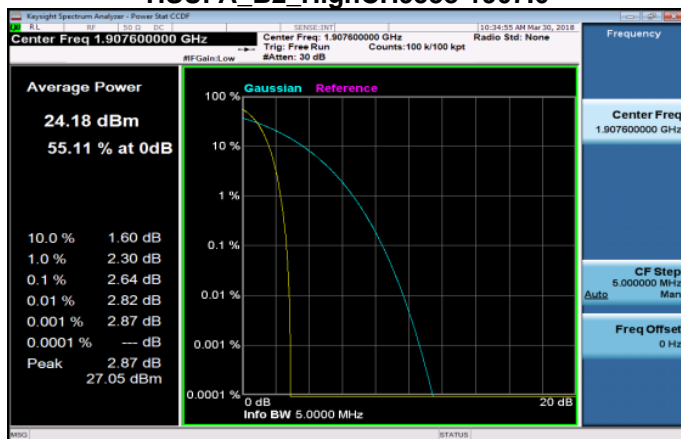
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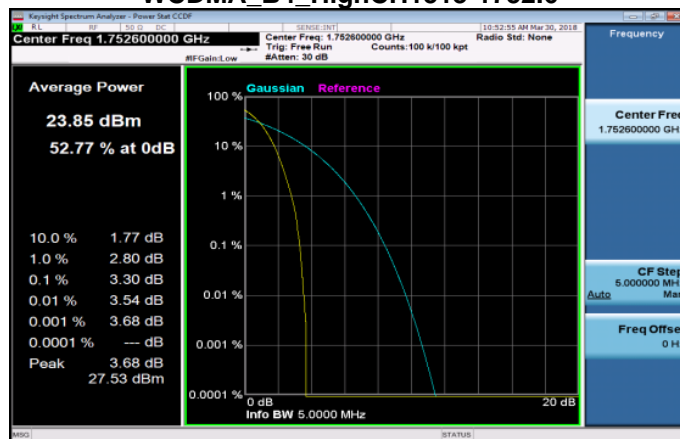
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HSUPA B2 HighCH9538-1907.6



WCDMA B4 HighCH1513-1752.6



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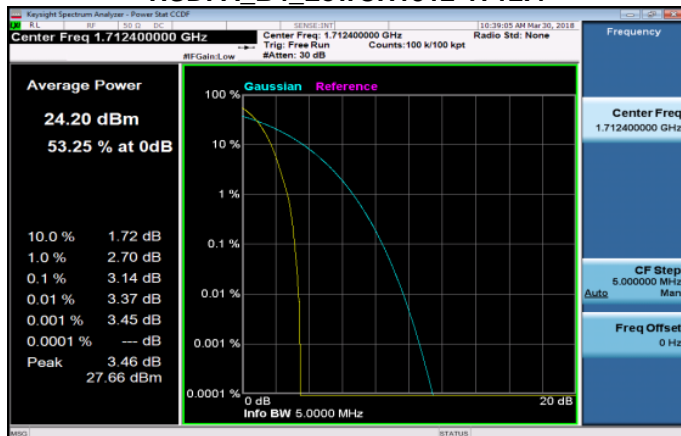
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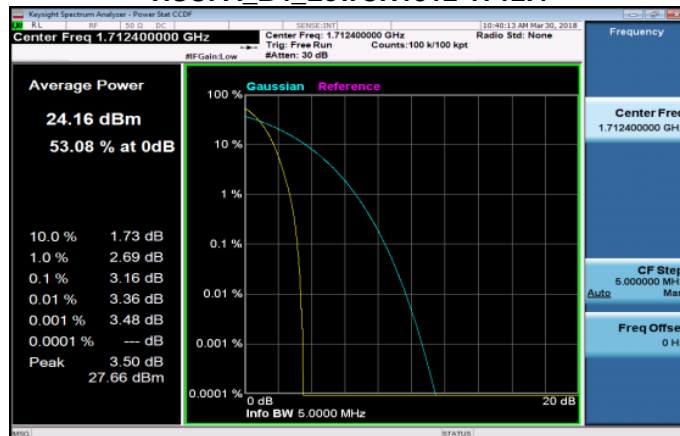
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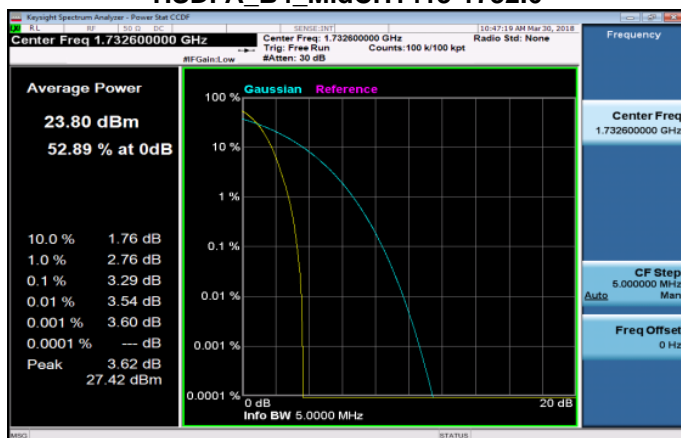
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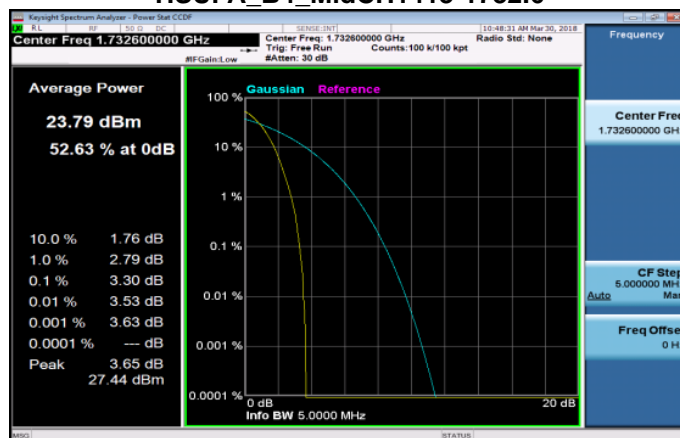
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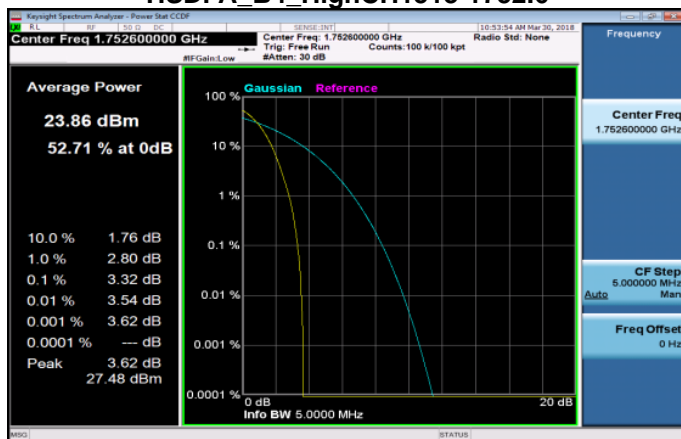
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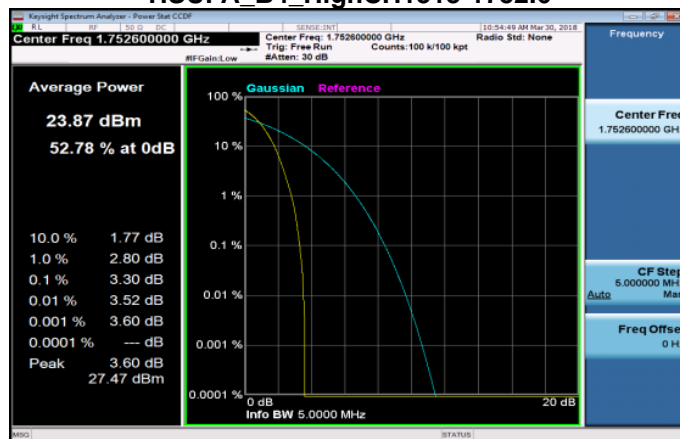
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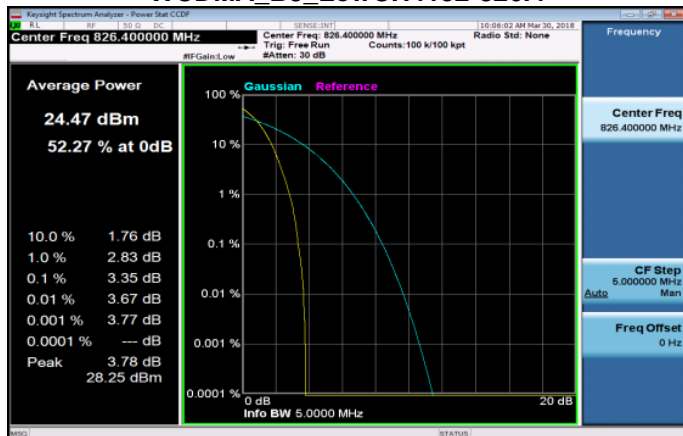
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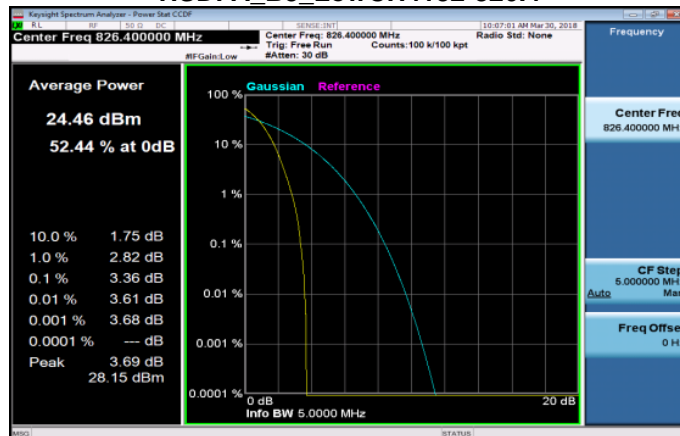
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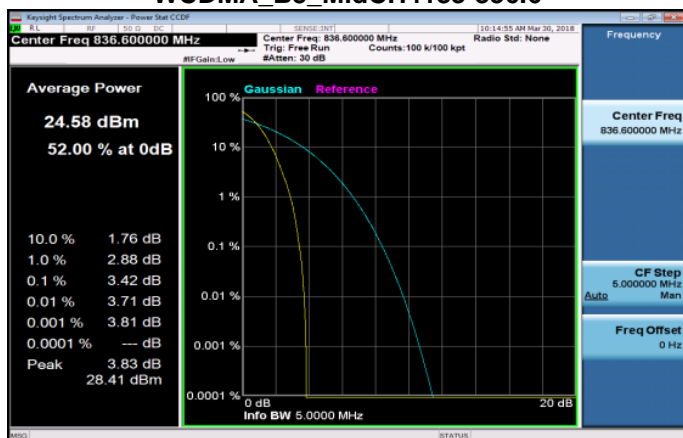
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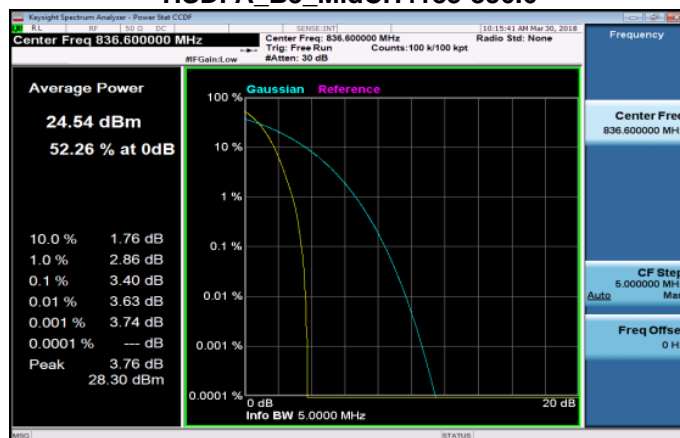
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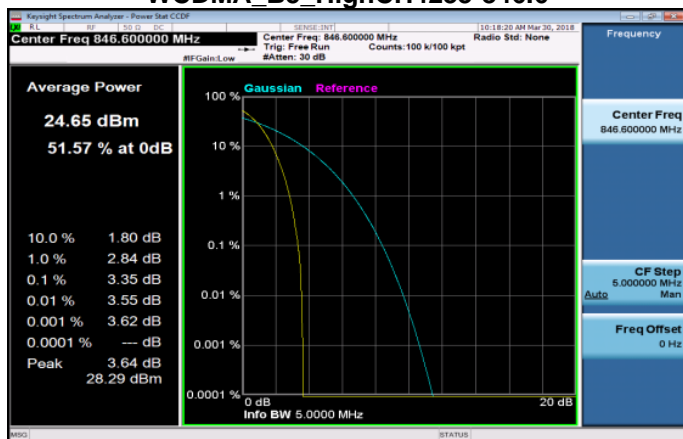
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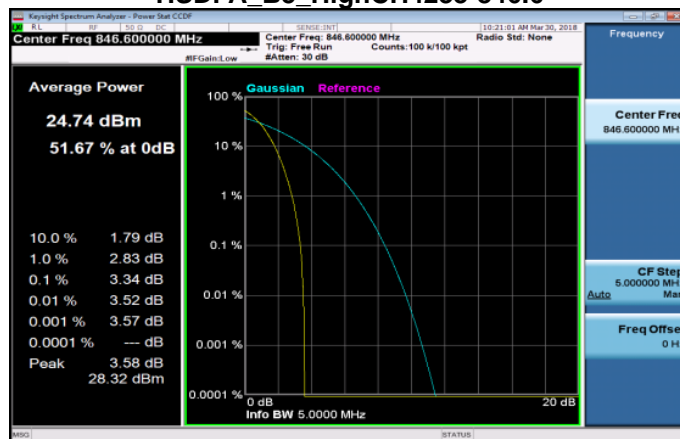
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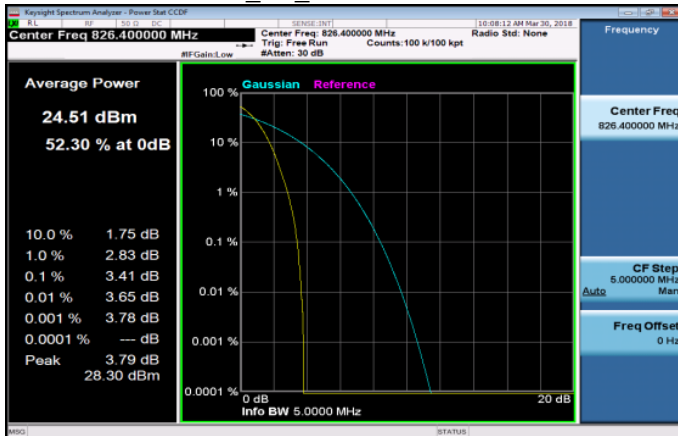
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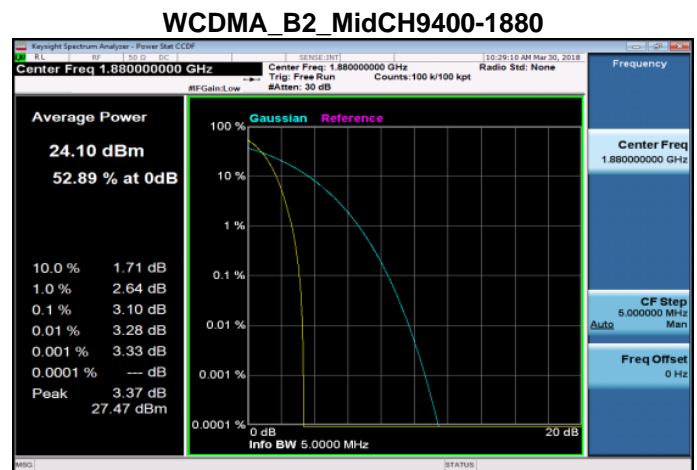
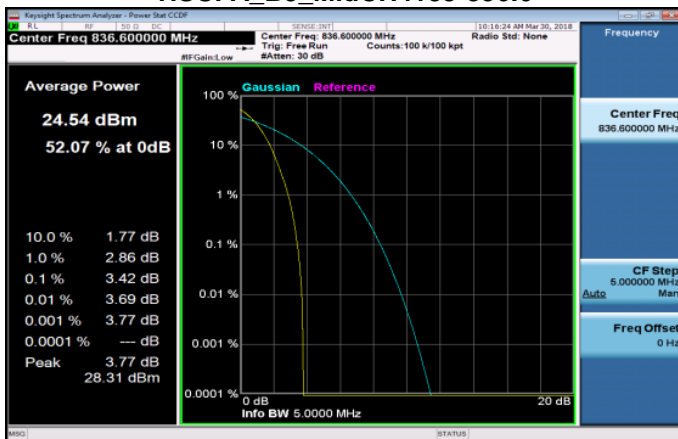
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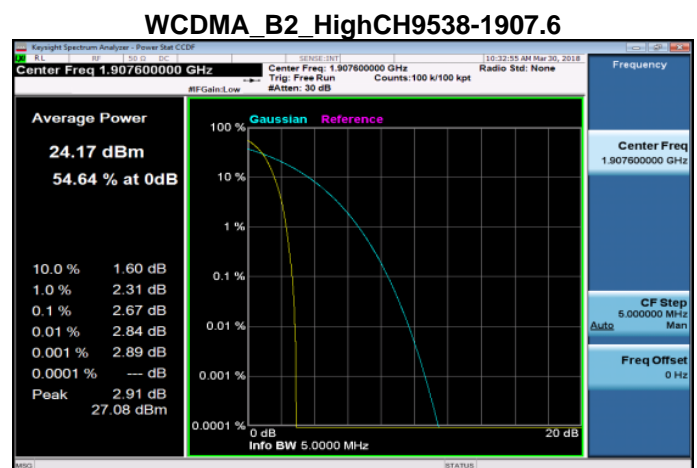
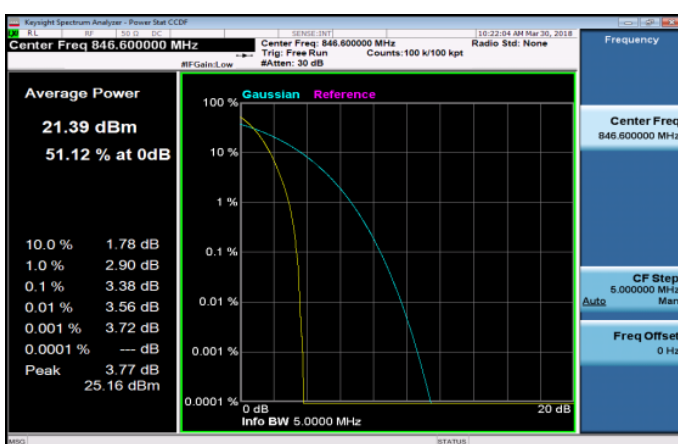
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HSUPA_B5_MidCH4183-836.6



HSUPA_B5_HighCH4233-846.6



WCDMA_B2_LowCH9262-1852.4

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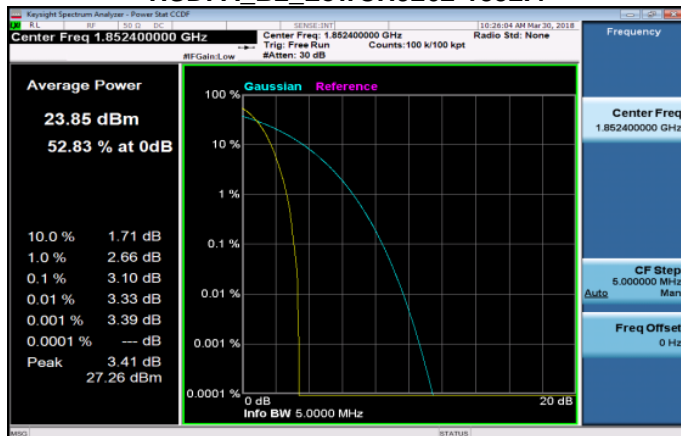
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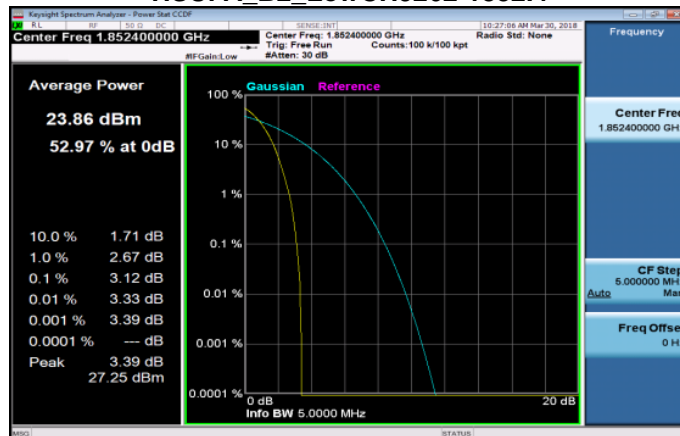
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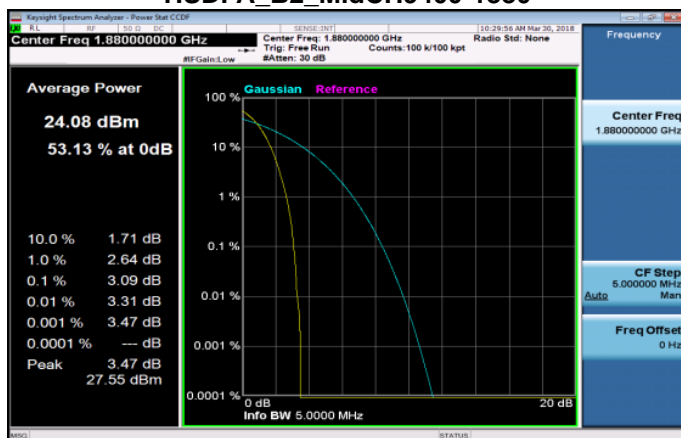
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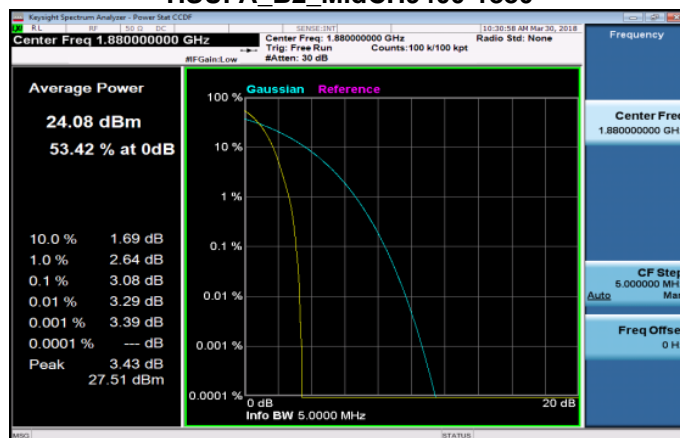
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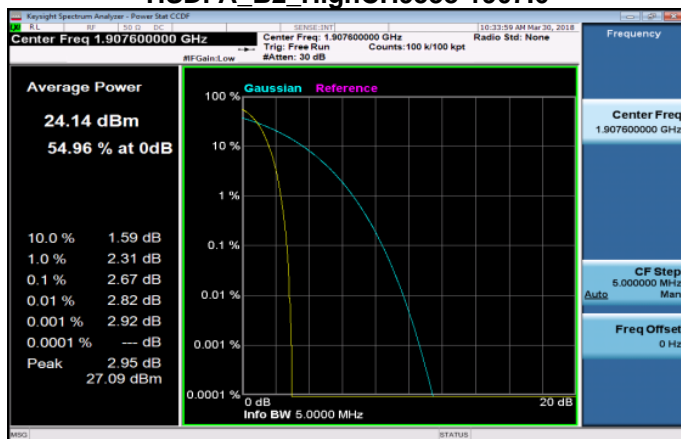
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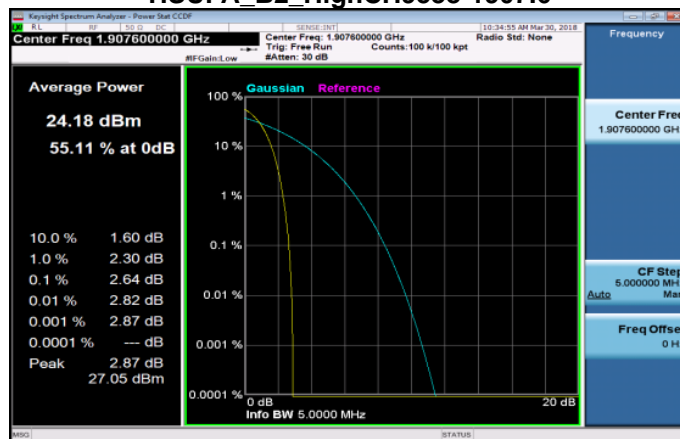
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HSUPA_B2_HighCH9538-1907.6



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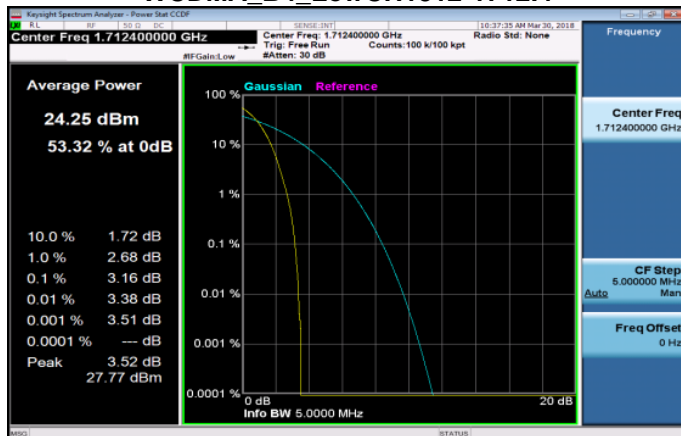
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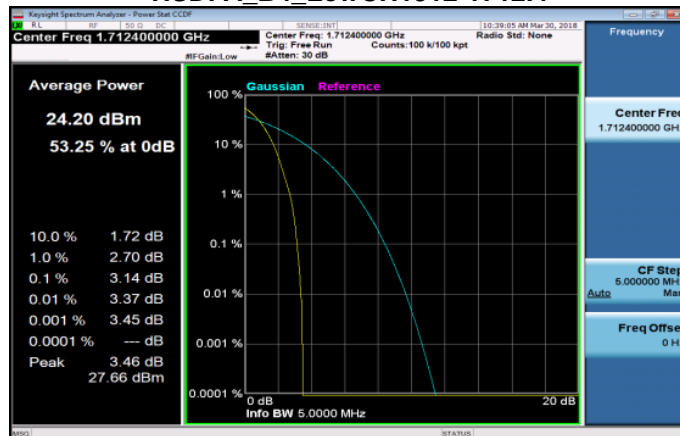
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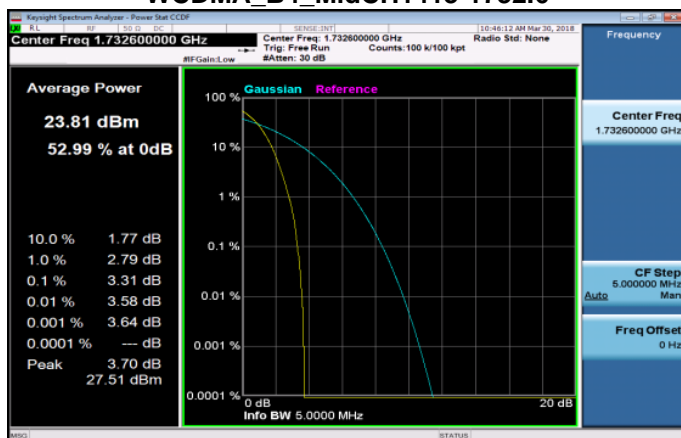
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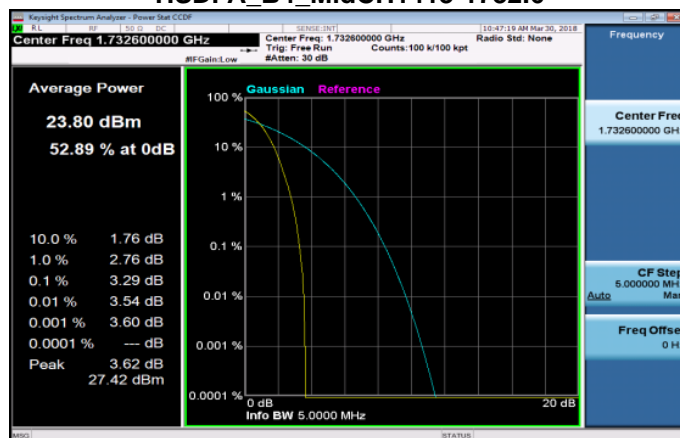
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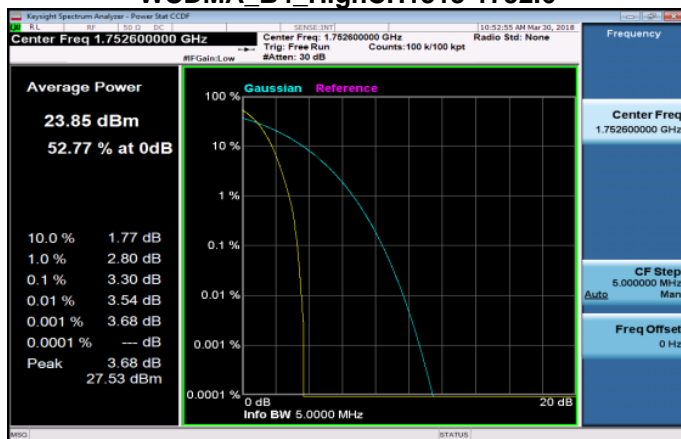
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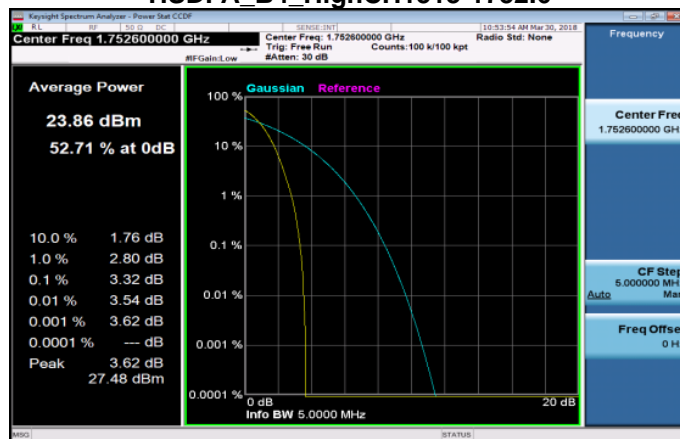
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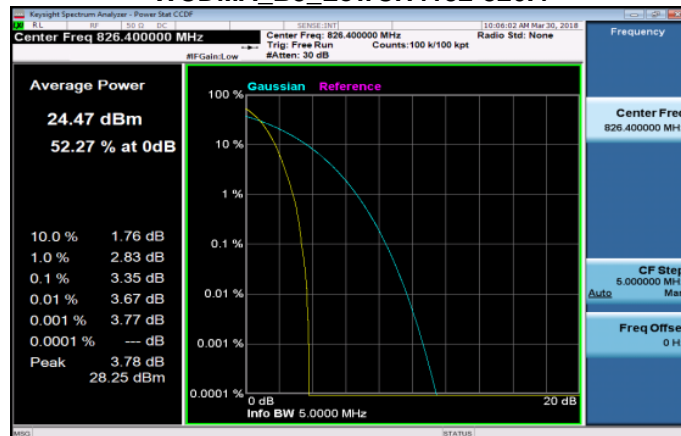
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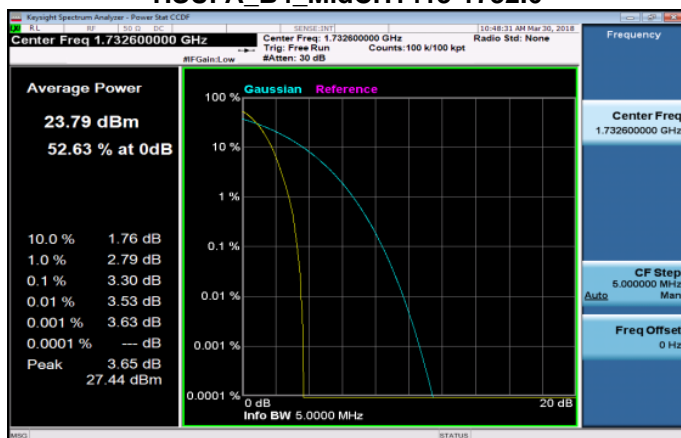
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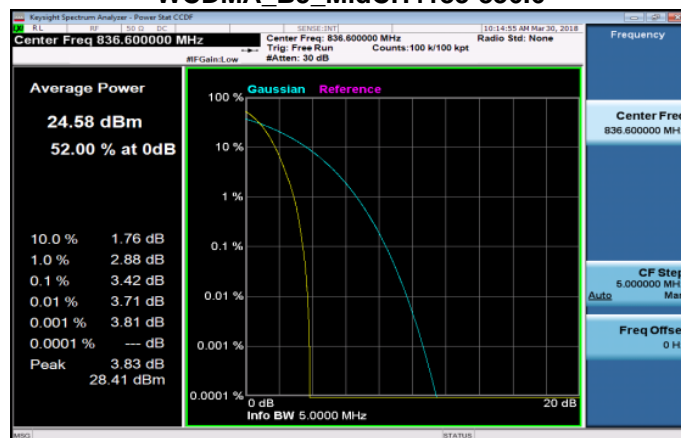
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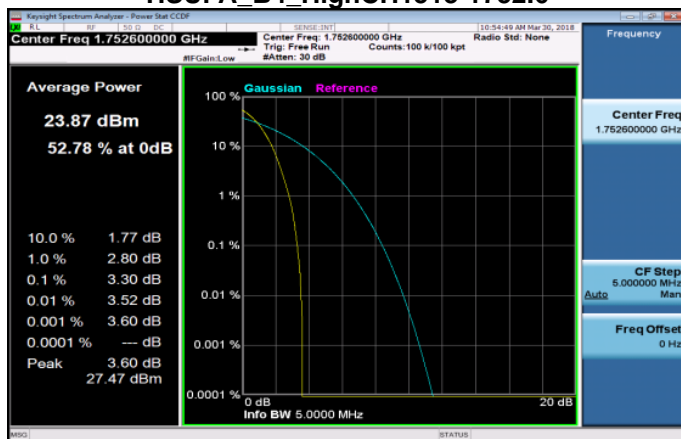
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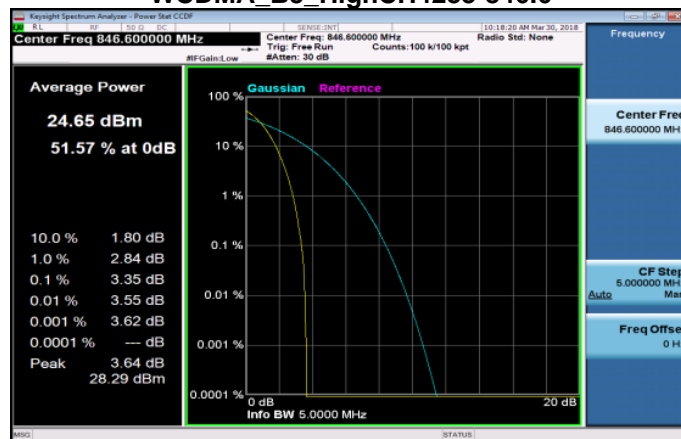
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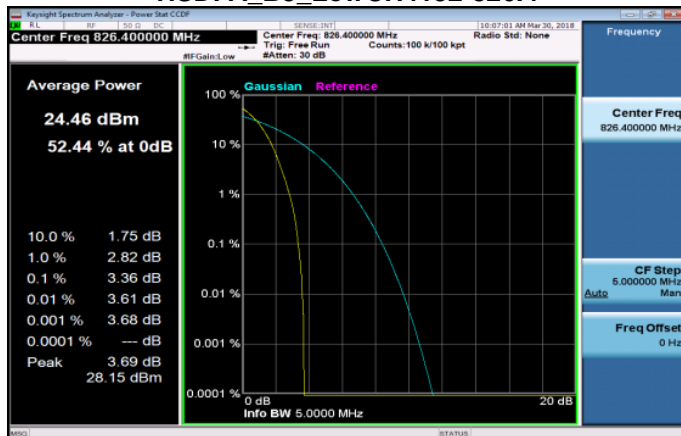
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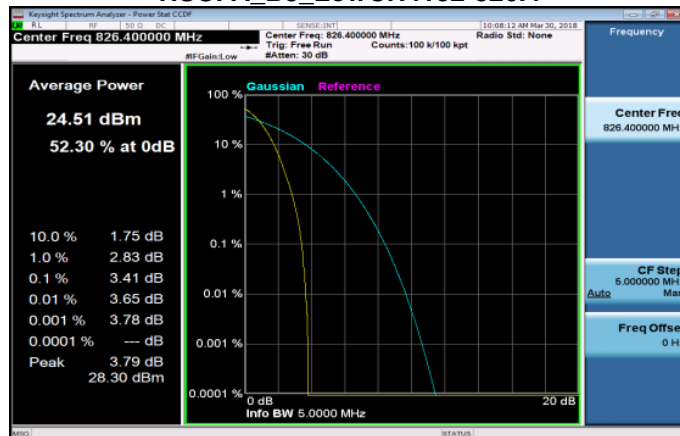
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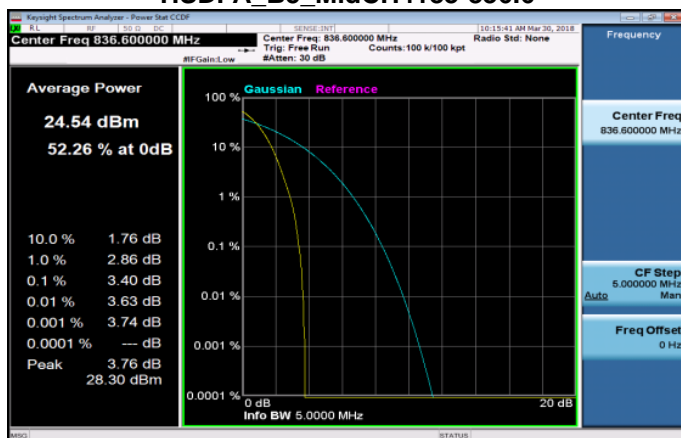
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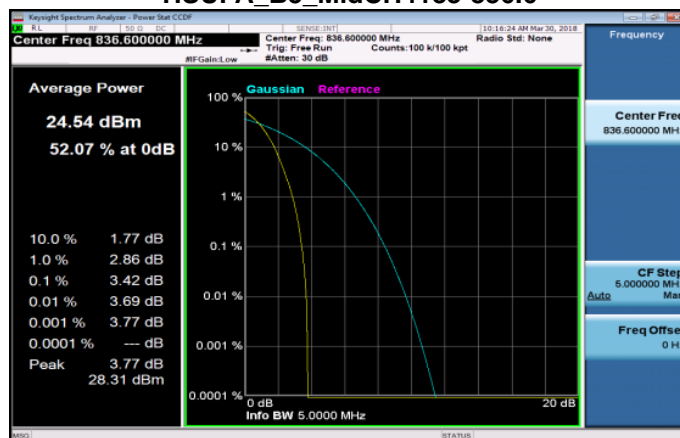
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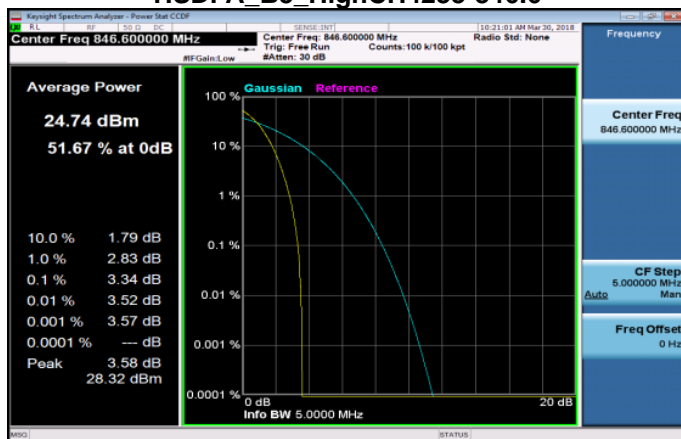
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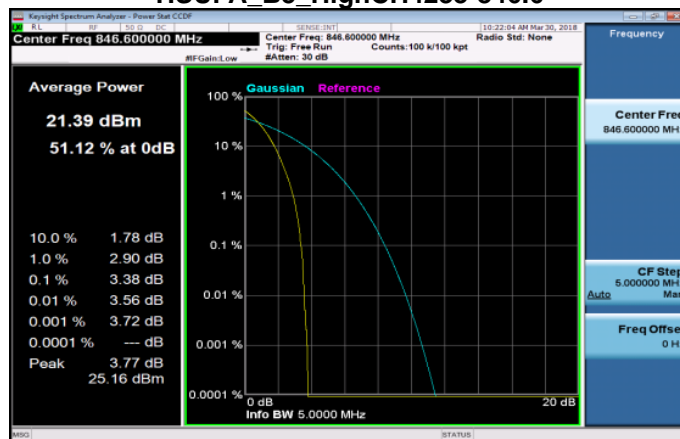
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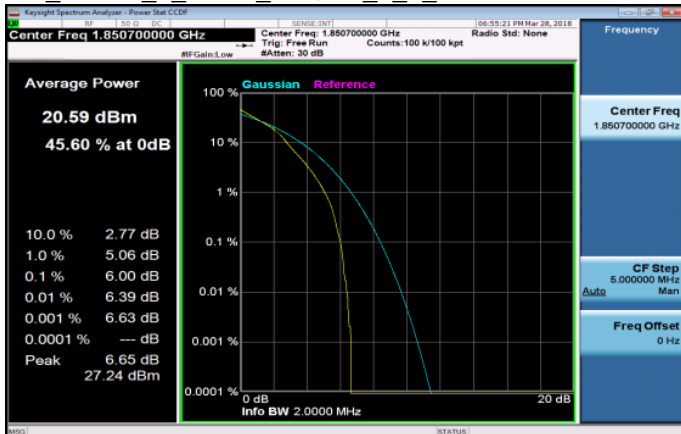
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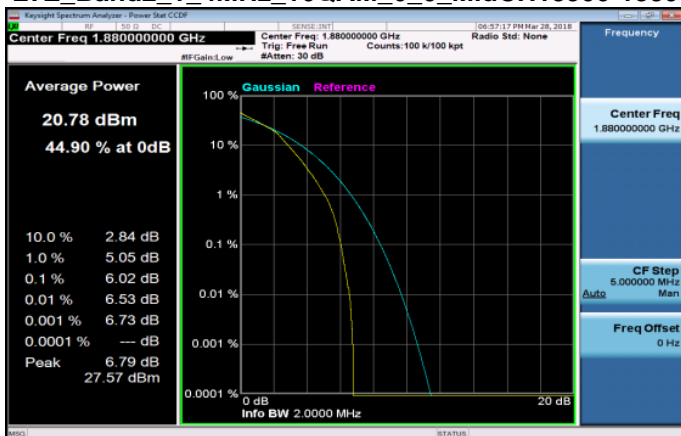
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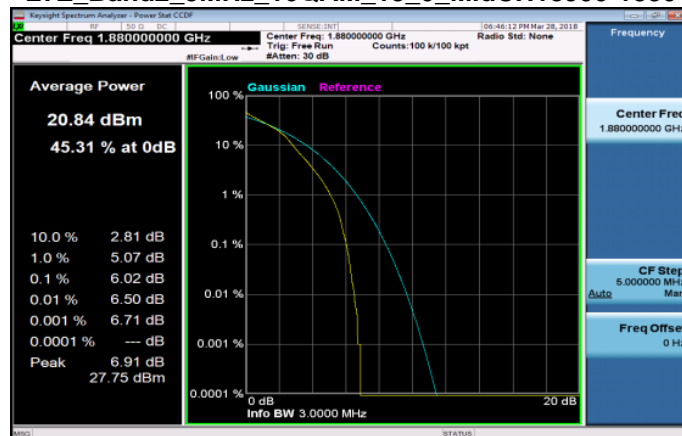
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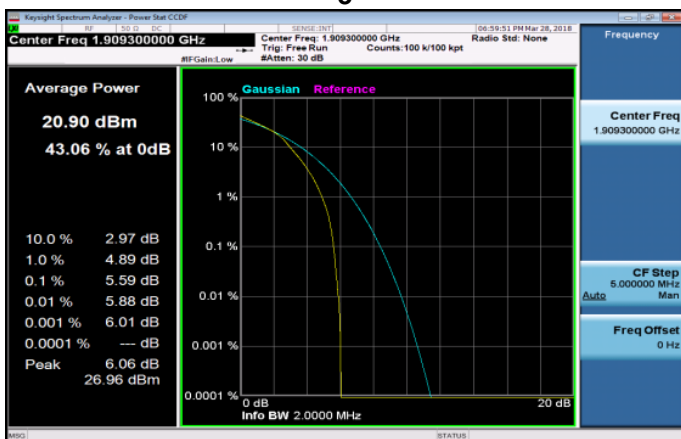


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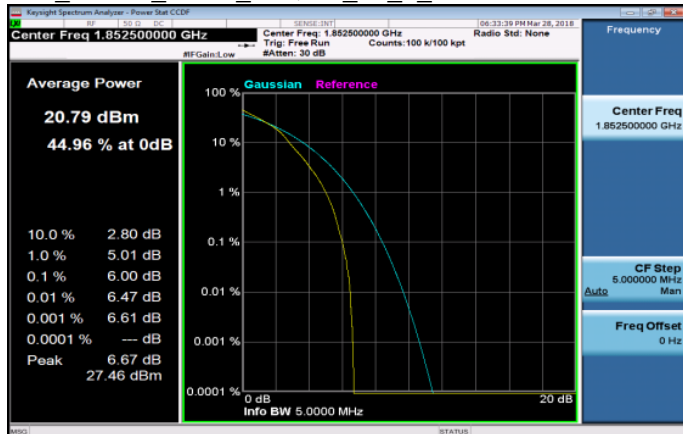
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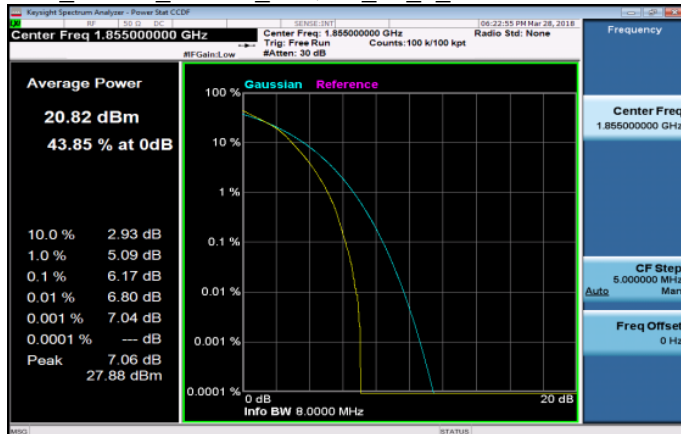
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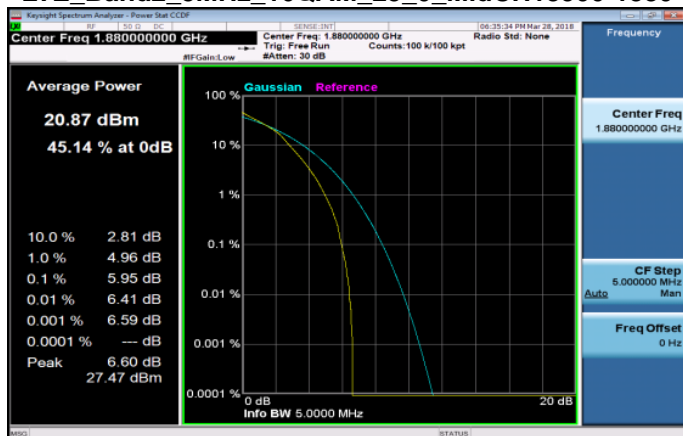
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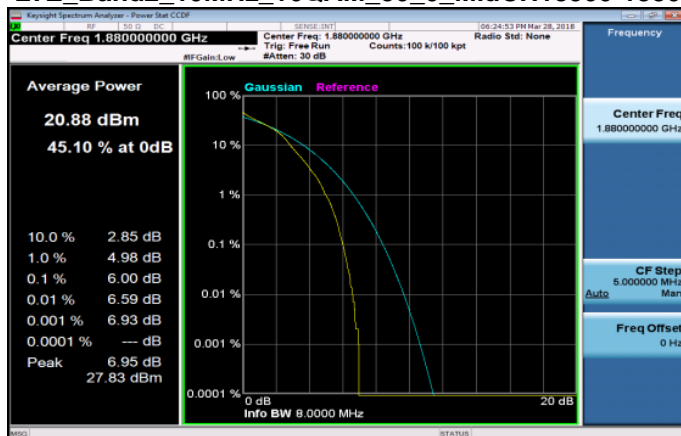
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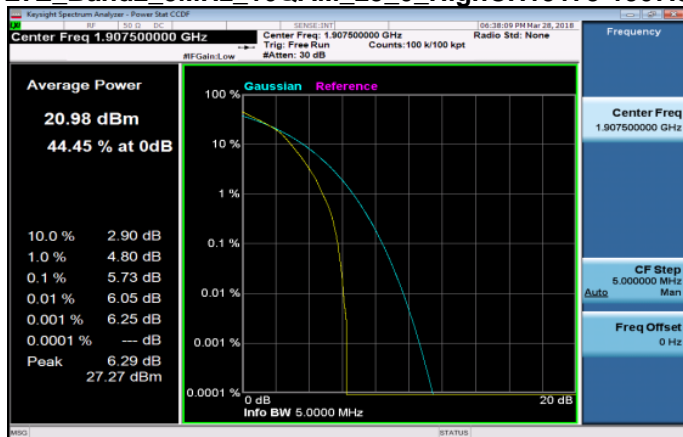
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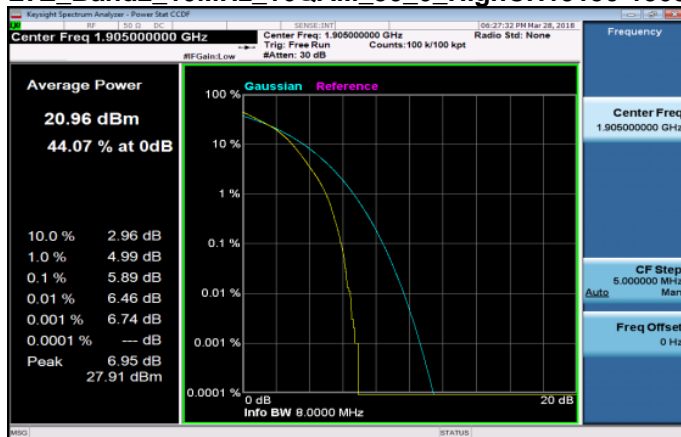
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LTE_Band2_5MHz_16QAM_25_0_HighCH19175-1907.5



LTE_Band2_10MHz_16QAM_50_0_HighCH19150-1905



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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