

| | ctrum Analyz | | | | | | | |
|-----------------|-----------------------|-----------------------|-------------|---------------|----------|---------------------------|-----------------------------------|----------------------------------|
| RL | RF | 50 Ω AC | | SENSE:IN | | ALIGN AUTO g Type: RMS | 01:05:33 PM May 15 TRACE 1 2 3 | |
| senter F | req 5.0 | 15000000 | PNO: Fast + | Trig: Free Ru | | g Type. Kins | | |
| | | | IFGain:Low | #Atten: 10 dB | | | DETAAA | |
| | | | | | | M | kr1 7.401 8 G | Hz Auto Tun |
| 10 dB/div | Ref 0. | 00 dBm | | | | | -70.032 dl | Bm |
| - ^{og} | | ¥2 | | | | | | |
| 10.0 | | | | | | | | Center Fre |
| 20.0 | | | | | | | | 5.015000000 GH |
| 30.0 | | | | | | | <u> </u> | |
| 40.0 | | | | | | | | Start Fre |
| 50.0 | | | | | | | | 30.000000 MH |
| 60.0 | | | | | | | | 30.000000 WF |
| | | | | | | • • • • • | | |
| -70.0 | | | | | | | | RMS Stop Fre |
| -80.0 | warmen and the second | and the second second | manut and | | | | | 10.00000000 GH |
| 90.0 | | | | | | | | |
| | | | | | | | Otom 40 000 / | |
| Start 30 | 1.0 MH | 7 | #\/R | W 3.0 MHz | | Sween 17 | Stop 10.000 (.33 ms (20001 | GHz CF Ste pts) 997.000000 MH |
| | | | # V D | V4 5.0 141112 | | | | Auto Ma |
| MKR MODE T | RC SCL | X 7 | 401 8 GHz | -70.032 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | |
| 2 N | 1 f | 1 | 851 0 GHz | -4.189 dBm | | | | From Office |
| 3 | | | 7 | | | | | FreqOffs |
| 5 | | | | | | | | = 0 H |
| 6 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 11 | | | | | | | | * |
| | | | | m | | | | • |
| SG | | | | | | In STATUS | | |

BAND 2. Conducted Spurious_1 (18607ch_1.4MHz_QPSK_RB 1_0)



| 🗾 Agilent Spectrum Ana | | | | | | | | |
|----------------------------------|------------------------|----------------------------|--------------|------------|-----------------|----------------------|--|--|
| Center Freq 1 | 50 Ω AC 5.000000000 |) GHz | SENSE:INT | #Avg Type: | IGN AUTO RMS | 01:05:49 PI TRAC | M May 15, 2019 E 1 2 3 4 5 6 E A MARAAAA | Frequency |
| 10 dB/div Ref | -20.00 dBm | PNO: Fast ↔ IFGain:High | #Atten: 0 dB | | Mkr1 | 18.611 | 97 GHz 36 dBm | Auto Tune |
| -30.0 | | | | | | | | Center Freq 15.00000000 GHz |
| -40.0 | | | | | | | | Start Fred 10.000000000 GHa |
| -60.0 | | | | | | | | Stop Free 20.000000000 GHz |
| -90.0 | | | | | | | RMS | CF Step 1.00000000 GH: <u>Auto</u> Mar |
| -100 | | | | | | | | Freq Offse 0 H: |
| Start 10.000 GH #Res BW 1.0 M | tz Hz | #VBW | 3.0 MHz | Sw | eep 26 | Stop 20 .67 ms (4 | .000 GHz 0000 pts) | |
| MSG | | | | | STATUS | | | |

BAND 2. Conducted Spurious_2 (18607ch_1.4MHz_QPSK_RB 1_0)



| | | er - Swept SA | | | | | | |
|---------------------|---------|------------------|------------|----------------|---|----------------|--|-------------------|
| RL | RF | 50 Ω AC | | SENSE | | ALIGN AUTO | 01:07:44 PM May 15, 2 TRACE 1 2 3 4 | |
| enter F | req 5.0 | 15000000 | PNO: Fast | 📕 Trig: Free R | un | vg Type. Kins | TYPE A WWW DET A A A A | |
| | | | IFGain:Low | #Atten: 10 d | В | | | |
| | | | | | | M | (r1 7.519 0 GI | |
| 0 dB/div | Ref 0. | 00 dBm | | | | | -75.433 dB | m |
| . og 10.0 | | ¥ <mark>2</mark> | | | | | | |
| | | | | | | | | Center Fre |
| .0.0 | | | | | | | | 5.015000000 GH |
| 0.0 | | | | | | | | |
| 0.0 | | | | | | | | Start Fre |
| 0.0 | | | | | | | | 30.000000 MI |
| 50.0 | | | | _ | | | | |
| 0.0 | | | | | | _1 | | |
| 30.0 | | | | | | | | RMS Stop Fre |
| | | | | | and the state of the second | | | 10.00000000 GH |
| 90.0 | | | | | | | | |
| tart 30 I | MHz | | | | | | Stop 10.000 G | Hz CF Ste |
| | 1.0 MH | z | #VB | W 3.0 MHz | | Sweep 17 | .33 ms (20001 p | ts) 997.000000 Mi |
| KR MODE T | RC SCL | Х | | Y | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma |
| 1 N | 1 f | 7 | 519 0 GHz | -75.433 dBm | | | | 1 |
| 2 N * | 1 f | 1 | 880 4 GHz | -4.460 dBm | l | | | Freq Offs |
| 4 | | | | | | | | 01 |
| 5 | ++ | | | | | _ | | E |
| 7 | | | | | | | | |
| 8 | ++ | | | | | | | |
| 0 | | | | | | | | |
| 1 | | | | ш | | | | • |
| G | _ | | | | | STATU | c | |
| 9 | | | | | | LO STATO | 3 | |

BAND 2. Conducted Spurious_1 (18900ch_1.4MHz_QPSK_RB 1_0)



| | trum Analyzer - Swept | | | | | | | | |
|-----------------|-----------------------|---------|------------|-----------------------|----------|-------------------|----------------|------------------------|----------------------------|
| X/RL | RF 50 Ω | AC CLI- | | SENSE:INT | #Avg Typ | ALIGN AUTO | | May 15, 2019 | Frequency |
| Senter F | req 15.00000 | PNO: F | | : Free Run | #A48 13b | e. Rais | TYPE | | |
| | | IFGain: | ligh #Att | en: 0 dB | | | | | A |
| | | | | | | Mkr1 | 18.906 4 | 47 GHz | Auto Tune |
| 10 dB/div | Ref -20.00 d | Bm | | | | | -82.80 | 7 dBm | |
| L ^{og} | | | | | | | | | |
| | | | | | | | | | Center Fred |
| -30.0 | | | | | | | | | 15.00000000 GH: |
| | | | | | | | | | |
| -40.0 | | | | | | | | | Start Fred |
| | | | | | | | | | 10.00000000 GHz |
| -50.0 | | | | | | | | | 10.00000000 GH2 |
| | | | | | | | | | |
| -60.0 | | | | | | | | | Stop Free |
| | | | | | | | | | 20.00000000 GH |
| -70.0 | | | | | | | | | |
| | | | | | | | | | 0.5.01 |
| -80.0 | | | | | | | | RMS | CF Step 1.000000000 GH; |
| | | | | and the second second | | in address to the | a supplicit of | with the second second | Auto Mar |
| -90.0 miles the | | | | | | | | | |
| | | | | | | | | | From Office |
| -100 | | | | | | | | | Freq Offset |
| | | | | | | | | | 0 H: |
| -110 | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Start 10.0 | | | | | | | Stop 20. | 000 GHz | |
| #Res BW | 1.0 MHz | | ¥VBW 3.0 I | VIHZ | S | | 6.67 ms (40 | 000 pts) | |
| ISG | | | | | | I STATUS | 3 | | |

BAND 2. Conducted Spurious_2 (18900ch_1.4MHz_QPSK_RB 1_0)



| | ctrum Analyz | | | 05105.1 | . cm | | | | |
|-----------------------------------|---------------------------|---------------------|------------------------|---------------------------|-----------|--|-------------------------------------|---|---|
| | _R , req 5.0 | 50 Ω AC 15000000 | PNO: Fast + | SENSE:I | #Avg n | ALIGN AUTO g Type: RMS | TRACE | May 15, 2019 1 2 3 4 5 6 A 444444 A A A A A A A | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low _ | #Atten: 10 dE | | M | (r1 3.680 | | Auto Tun |
| 20.0 | | ¥2 | | | | | | | Center Fre 5.015000000 GH |
| 40.0 50.0 50.0 | | | | | | | | | Start Fre 30.000000 MH |
| 70.0 80.0 90.0 | | سبيني أميرس | | | | *~************************************ | | RMS | Stop Fre 10.00000000 GF |
| KR MODE T | RC SCL | x | | W 3.0 MHz Y | FUNCTION | Sweep 17 | Stop 10.0 7.33 ms (20 FUNCTIO | 001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 2 N 2 3 4 5 5 7 8 9 9 | | 3 | 680 0 GHz 910 3 GHz | -77.262 dBm -4.180 dBm | | | | | Freq Offs 0 F |
| i1 | | | | | | STATU | | | |

BAND 2. Conducted Spurious_1 (19193ch_1.4MHz_QPSK_RB 1_0)



| | trum Analyzer - Swept SA | | | | | |
|------------------|-------------------------------|----------------------------|--------------------------------|------------|---|--|
| Contor F | RF 50 Ω AC req 15.00000000 | | SENSE:INT | ALIGN AUTO | 01:09:57 PM May 15, 2019 TRACE 1 2 3 4 5 6 | Frequency |
| Center T | | PNO: Fast ↔ IFGain:High | Trig: Free Run #Atten: 0 dB | | TRACE 1 2 3 4 5 6 TYPE A WARAAAA DET A A A A A A 18.914 47 GHz | Auto Tune |
| 10 dB/div Log | Ref -20.00 dBm | | | | -82.377 dBm | |
| -30.0 | | | | | | Center Freq 15.00000000 GHz |
| -40.0 | | | | | | Start Fred 10.000000000 GH2 |
| -60.0 | | | | | | Stop Freq 20.000000000 GHz |
| -80.0 | | | | | 1 RMS | CF Step 1.00000000 GHz <u>Auto</u> Man |
| -100 | | | | | | Freq Offse 0 H: |
| Start 10.0 | 00 GHz | | | | Stop 20.000 GHz | |
| #Res BW | 1.0 MHZ | #VBW | 3.0 MHz | Sweep 20 | 5.67 ms (40000 pts) s | |

BAND 2. Conducted Spurious_2 (19193ch_1.4MHz_QPSK_RB 1_0)



| | | er - Swept SA | | | | | | | | |
|--------------------------|--------------------------|--------------------|----------------------------|-------------------------|---------|----------|------------|-----------------|---------------------------------------|---|
| RL enter F | ^{RF} req 5.0 | 50 Ω AC 1500000 | 00 GHz | | ISE:INT | #Avg Typ | ALIGN AUTO | TRAC | M May 15, 2019 | Frequency |
| 0 dB/div | | 00 dBm | PNO: Fast IFGain:Low | #Atten: 10 | | | M | or kr1 7.401 | a a a a a a a a a a a a a a a a a a a | Auto Tun |
| | | ×2 | | | | | | | | Center Fre 5.015000000 GH |
| 0.0 0.0 0.0 | | | | | | | 1 | | | Start Fre 30.000000 Mi |
| 70.0 80.0 90.0 | **** | | | | | | | - | RMS | Stop Fre 10.00000000 GF |
| KR MODE T | 1.0 MH | | x | BW 3.0 MHz | | | weep 17 | 7.33 ms (2 | .000 GHz 0001 pts) | CF Ste 997.000000 Mi <u>Auto</u> Ma |
| 2 N 2 3 4 5 6 7 | | | 7.401 3 GHz 1.851 0 GHz | -69.513 dE -3.800 dE | | | | | 1 | Freq Offs 0 H |
| 8 9 10 11 | | | | | | | | | | |

BAND 2. Conducted Spurious_1 (18615ch_3MHz_QPSK_RB 1_0)



| | ctrum Analyzer - Swept SA | | | | | |
|------------------|---------------------------|---------------|---|--------------------------------------|---|------------------|
| X RL | RF 50 Ω AC | | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 01:11:59 PM May 15, 2019 TRACE 2 3 4 5 6 | Frequency |
| | Teq 15.0000000 | PNO: Fast ++- | Trig: Free Run | | | |
| | | IFGain:High | #Atten: 0 dB | | | Auto Tune |
| | | | | Mkr | 1 18.913 97 GHz -82.070 dBm | Autorune |
| 10 dB/div Log | Ref -20.00 dBm | | | | -82.070 aBm | |
| | | | | | | Center Fred |
| -30.0 | | | | | | 15.00000000 GH; |
| | | | | | | |
| -40.0 | | | | | | |
| | | | | | | Start Fred |
| -50.0 | | | | | | 10.00000000 GHz |
| | | | | | | |
| -60.0 | | | | | | Stop Fred |
| | | | | | | 20.000000000 GHz |
| -70.0 | | | | | | |
| | | | | | .1 | CF Step |
| -80.0 | | | | | RMS | 1.000000000 GH |
| | | | and the second | A STATE OF THE OWNER OF THE OWNER OF | | Auto Mar |
| 90.0 | | | and the second se | | | |
| | | | | | | Freq Offse |
| -100 | | | | | | 0 H: |
| | | | | | | |
| -110 | | | | | | |
| | | | | | | |
| Start 10.0 | 000 GHz | | | | Stop 20.000 GHz | |
| | 1.0 MHz | #VBW | 3.0 MHz | Sweep 2 | 6.67 ms (40000 pts) | |
| ISG | | | | K STATL | IS | |

BAND 2. Conducted Spurious_2 (18615ch_3MHz_QPSK_RB 1_0)



| RL | ectrum Analyze RF | 50 Ω AC | | SENSE | :INT | ALIGN AUTO | 01:13:43 PM May | / 15, 2019 | |
|---------------------------------|----------------------|---------|--|------------------------------|----------|---------------|-----------------------------|------------------------|------------------------------------|
| enter F | req 5.01 | 500000 | 0 GHz PNO: Fast IFGain:Low | Trig: Free R #Atten: 10 c | un | vg Type: RMS | TRACE | 2 3 4 5 6 A A A A A | Frequency |
| 0 dB/div | Ref 0.0 | 00 dBm | | | | М | kr1 7.515 5 -75.534 | GHz dBm | Auto Tur |
| og 10.0 20.0 30.0 | | ¥2 | | | | | | | Center Fre 5.015000000 GH |
| i0.0 :0.0 :0.0 | | | | | | | | | Start Fro 30.000000 Mi |
| 70.0 30.0 90.0 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | | RMS | Stop Fro 10.000000000 GI |
| tart 30 Res BW | 1.0 MHz | × | | W 3.0 MHz | FUNCTION | Sweep 1 | Stop 10.00 7.33 ms (2000 | 1 pts) | CF Ste 997.000000 M uto M |
| 3 4 5 6 7 8 9 | 1 f 1 f | | 7.515 5 GHz 1.879 4 GHz | -75.534 dBn -4.218 dBn | | | | | Freq Offs 0 F |
| | | | | m | | | | | |
| G | | | | | | I STAT | US | | |

BAND 2. Conducted Spurious_1 (18900ch_3MHz_QPSK_RB 1_0)



| | trum Analyzer - Swept SA | | | | | |
|------------|-----------------------------|-------------|--|----------------------------|--|-----------------|
| XI RL | RF 50 Ω AC req 15.000000 | | SENSE:INT | ALIGN AU #Avg Type: RMS | TO 01:13:59 PM May 15, 2019 TRACE 1 2 3 4 5 6 | Frequency |
| enter F | req 15.00000 | PNO: Fast 🔸 | Trig: Free Run | #Avg Type. Rins | TYPE A WWWW DET A A A A A A | |
| | | IFGain:High | #Atten: 0 dB | | | Auto Tur |
| | | | | MI | (r1 18.928 22 GHz | Auto Tune |
| 10 dB/div | Ref -20.00 dBi | m | | | -82.825 dBm | |
| | | | | | | |
| | | | | | | Center Free |
| -30.0 | | | | | | 15.00000000 GH |
| | | | | | | |
| -40.0 | | | | | | Start Free |
| | | | | | | 10.00000000 GH: |
| -50.0 | | | | | | 10.0000000000 |
| | | | | | | |
| -60.0 | | | | | | Stop Free |
| | | | | | | 20.00000000 GH |
| 70.0 | | | | | | |
| | | | | | .1 | CF Step |
| -80.0 | | | | | RMS | 1.00000000 GH |
| | | | STALL STATES | | | Auto Mar |
| -90.0 | | | State of the local division of the local div | | | |
| | | | | | | Freq Offse |
| -100 | | | | | | 0 H: |
| | | | | | | |
| -110 | | | | | | |
| | | | | | | |
| Start 10.0 | 00 GHz | | | | Stop 20.000 GHz | |
| #Res BW | | #VBW | 3.0 MHz | Sweep | 26.67 ms (40000 pts) | |
| ISG | | | | To si | | |
| 100 | | | | 10 51 | Allos | |

BAND 2. Conducted Spurious_2 (18900ch_3MHz_QPSK_RB 1_0)



| RL RL | trum Analyze | 50 Ω AC | | S | ENSE:INT | | ALIGN AUTO | 01:15:39 P | M May 15, 2019 | |
|--|--------------|---------|----------------------------------|-----------------------|----------|--------|------------------|-------------------|--|-----------------------------------|
| | | 1500000 | 0 GHz PNO: Fast IFGain:Low | | e Run | #Avg | Type: RMS | TRAC | E 1 2 3 4 5 6 E A WWWW A A A A A A | Frequency |
| 0 dB/div | Ref 0.0 | 00 dBm | | | | | Mk | r1 3.681 -77.1 | l 0 GHz 04 dBm | Auto Tur |
| og 0.0 0.0 | | * 2 | | | | | | | | Center Fre 5.015000000 Gi |
| 0.0 0.0 0.0 | | | | | | | | | | Start Fr 30.000000 M |
| 0.0 | | | | 1 | - | | | | RMS | Stop Fr 10.000000000 Gi |
| | 1.0 MHz | | #VI | 3W 3.0 MH | | | Sweep 17 | .33 ms (2 | | CF Sto 997.000000 M Auto M |
| KR MODE TF 1 N 1 2 N 1 3 | | × | 3.681 0 GHz 1.910 3 GHz | -77.104 c -3.346 c | Bm | ICTION | FUNCTION WIDTH | FUNCTIO | DN VALUE | Freq Offs |
| 6 6 7 8 9 9 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | | | | | |
| 3 | | | | m | | | L ostatus | | | |

BAND 2. Conducted Spurious_1 (19185ch_3MHz_QPSK_RB 1_0)



| Agilent Spectrum Analyzer - Swept SA | | | | |
|---|---|----------------|---|--|
| ²⁰ RL RF 50 Ω AC Center Freq 15.0000000 | DOD GHZ PNO: East +++ Trig: Free Run | #Avg Type: RMS | 01:15:55 PM May 15, 2019 TRACE 1 2 3 4 5 6 | Frequency |
| 10 dB/div Ref -20.00 dBm | IFGain:High #Atten: 0 dB | Mkr1 | 18.888 72 GHz -83.019 dBm | Auto Tune |
| 30.0 | | | | Center Free 15.000000000 GH |
| 50.0 | | | | Start Free 10.000000000 GH |
| 70.0 | | | | Stop Fre 20.000000000 GH |
| 80.0 | | | 1 RMS | CF Ste 1.000000000 GH <u>Auto</u> Ma |
| 100 | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MHz | Sweep 26 | Stop 20.000 GHz 5.67 ms (40000 pts) | |
| ISG | | STATU | | |

BAND 2. Conducted Spurious_2 (19185ch_3MHz_QPSK_RB 1_0)



| | | er - Swept SA | · · · · · · · · · · · · · · · · · · · | | | | | | | |
|--------------------|------------|--------------------|---------------------------------------|-------------------------|------------------------|--------|-------------|----------|--|-----------------------------------|
| enter F | req 5.0 | 50 Ω AC 1500000 | 0 GHz PNO: Fast | | | #Avg T | ALIGN AU | TR | PM May 15, 2019 ACE 1 2 3 4 5 6 TYPE A | Frequency |
| 0 dB/div | Ref 0 | .00 dBm | IFGain:Low | #Atten: 10 | | | | Mkr1 7.4 | DET A A A A A A D1 8 GHz 030 dBm | Auto Tun |
| og 10.0 20.0 | | ¥2 | | | | | | | | Center Fre 5.015000000 GH |
| 0.0 0.0 0.0 | | | | | | | 1 | | | Start Fre 30.000000 Mi |
| | | | | | Nangaran yang berhasan | | | | RMS | Stop Fre 10.00000000 GF |
| | RC SCL | x | | 3W 3.0 MHz Y | | | Sweep | 17.33 ms | 0.000 GHz (20001 pts) | CF Ste 997.000000 MI Auto M |
| | 1 f 1 f | | 7.401 8 GHz 1.851 0 GHz | -70.030 dE -3.778 dE | | | | | | Freq Offs 0 F |
| 1 1 | | | | ш | | | K st | T T | • | |

BAND 2. Conducted Spurious_1 (18625ch_5MHz_QPSK_RB 1_0)



| | trum Analyzer - Swept SA | | | | | |
|------------------|---|---------------|----------------|--|--|-----------------|
| XI RL | RF 50 Ω AC req 15.0000000 | | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 01:17:56 PM May 15, 2019 TRACE 1 2 3 4 5 6 | Frequency |
| -enter F | req 15.0000000 | PNO: Fast ++- | Trig: Free Run | wrig type. Kino | | |
| | | IFGain:High | #Atten: 0 dB | | | Auto Turo |
| | | | | Mkr | 1 18.915 22 GHz | Auto Tune |
| 10 dB/div Log | Ref -20.00 dBm | | | | -82.862 dBm | |
| | | | | | | O |
| -30.0 | | | | | | Center Fred |
| -30.0 | | | | | | 15.00000000 GH |
| 40.0 | | | | | | |
| -40.0 | | | | | | Start Free |
| -50.0 | | | | | | 10.00000000 GH: |
| -50.0 | | | | | | |
| -60.0 | | | | | | |
| -00.0 | | | | | | Stop Fred |
| -70.0 | | | | | | 20.00000000 GHz |
| -70.0 | | | | | | |
| -80.0 | | | | | 1 | CF Step |
| -00.0 | | | | and the second s | RMS | 1.00000000 GH |
| -90.0 | | | | and the second | The second s | Auto Mar |
| visition of | This is not the little of the | | | | | |
| -100 | | | | | | Freq Offse |
| 100 | | | | | | 0 H: |
| -110 | | | | | | |
| | | | | | | |
| | | | | | | |
| Start 10.0 | | | | | Stop 20.000 GHz | |
| #Res BW | 1.0 MHz | #VBW | 3.0 MHz | 11.000 | 6.67 ms (40000 pts) | |
| ASG | | | | STATU | JS | |

BAND 2. Conducted Spurious_2 (18625ch_5MHz_QPSK_RB 1_0)



| RL | ctrum Analyze RF | 50 Ω AC | | SENS | E:INT | | ALIGN AUTO | | M May 15, 2019 | |
|---|-----------------------|---------|----------------------------------|----------------------------------|------------|-----------|------------------------|--------------------|----------------------------------|--|
| enter F | req 5.0′ | 1500000 | 0 GHz PNO: Fast IFGain:Low | Trig: Free # #Atten: 10 | | #Avg Type | e: RMS | TYP | E 1 2 3 4 5 6 E A A A A A A A | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | | | | | Mk | r1 7.512 -74.79 | 20 GHz 98 dBm | Auto Tur |
| . og 10.0 20.0 30.0 | | ¥2 | | | | | | | | Center Fre 5.015000000 G⊦ |
| i0.0 i0.0 i0.0 | | | | | | | | | | Start Fre 30.000000 Mi |
| 70.0 80.0 90.0 | Martin Contraction of | _ | | | | ~~~ | | | RMS | Stop Fre 10.00000000 GF |
| KR MODE T | RC SCL | x | | W 3.0 MHz Y | FUNCT | | weep 17 стіом міртн | .33 ms (2 | .000 GHz 0001 pts) | CF Ste 997.000000 Mi <u>Auto</u> M |
| 1 N 2 N 2 N 2 N 2 N 2 N 2 N 2 N 2 N 2 N | 1 f 1 f | | 7.512 0 GHz 1.878 4 GHz | <u>-74.798 dBr</u> -3.681 dBr | m m | | | | E | Freq Offs 0 F |
| 10 | | | | | | | 2 | | • | |
| G | | | | | | | STATUS | | | |

BAND 2. Conducted Spurious_1 (18900ch_5MHz_QPSK_RB 1_0)



| International and the second damage of th | to Tune ter Frec |
|--|---------------------|
| PNO: Fast Ing: Free Run | ter Frec |
| In Gail High Writen 0 db Mkr1 18.944 72 GHz -83.032 dBm Au 0 dB/div Ref -20.00 dBm -83.032 dBm Cerr 30.0 -9 -9 -9 10 | ter Frec |
| Wikit 16.944 72 GH2 0 dB/div Ref -20.00 dBm -83.032 dBm -09 -83.032 dBm 15.00000 400 -90 -90 400 -90 </th <th>ter Fred</th> | ter Fred |
| 09 00 < | |
| 30.0 Cen 40.0 St 50.0 10.00000 60.0 St 70.0 1 | |
| | |
| 40.0 50.0 70.0 80.0 | |
| | |
| | |
| 60.0 70.0 | artFree |
| | 0000 GH |
| | |
| 20.00000 | op Fre |
| -70.0 | |
| 80.0 | |
| 80.0 | |
| | CF Step |
| Auto | Mai |
| | |
| Fre | qOffse |
| .100 | 0 H |
| | |
| -110 | |
| | |
| Start 10.000 GHz Stop 20.000 GHz | |
| #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 26.67 ms (40000 pts) | |
| ISG STATUS | |

BAND 2. Conducted Spurious_2 (18900ch_5MHz_QPSK_RB 1_0)



| RL | ctrum Analyzer RF | 50 Ω AC | | SEN | SE:INT | | ALIGN AUTO | | May 15, 2019 | |
|---|----------------------|----------------|-------------------------|--------------------------|--------|----------|------------|------------------------|--|---|
| enter F | req 5.01 | 5000000 | PNO: Fast IFGain:Low | Trig: Free #Atten: 10 | | #Avg Typ | e:RMS | TYP | 1 2 3 4 5 6 A WWWWW A A A A A A A | Frequency |
|) dB/div | Ref 0.0 | 0 dBm | | | | | Mk | r1 3.820 -76.59 | 0 1 GHz 0 dBm | Auto Tur |
| | | ¥2 | | | | | | | | Center Fre 5.015000000 Gi |
| 0.0 0.0 0.0 | | | | | | | | | | Start Fro 30.000000 Mi |
| 0.0 | | and the second | | | | | | | RMS | Stop Fro 10.000000000 Gi |
| art 30 F Res BW | 1.0 MHz | x | #VE | W 3.0 MHz | FUNCT | | weep 17 | Stop 10. .33 ms (20 | 0001 pts) | CF Ste 997.000000 M <u>Auto</u> M |
| 1 N 2 N 3 4 5 5 6 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | <u>3</u> 1 | 820 1 GHz 910 3 GHz | -76.590 dB -3.852 dB | m | | | | ш | Freq Offs 0 I |
| 7 8 9 0 1 | | | | III . | | | | | - | |
| G | | | | | | | STATUS | 6 | | |

BAND 2. Conducted Spurious_1 (19175ch_5MHz_QPSK_RB 1_0)



| 📕 Agilent Spectrum Analyzer | | | | | | |
|-------------------------------------|---------|----------------------------|--------------|---------------------------|---|--------------------------------------|
| Center Freq 15.0 | 50 Ω AC |) GHz | SENSE:INT | ALIGN A #Avg Type: RMS | | Frequency |
| 10 dB/div Ref -20 | .00 dBm | PNO: Fast ↔ IFGain:High | #Atten: 0 dB | М | kr1 18.937 22 GHz -82.610 dBm | Auto Tune |
| -30.0 | | | | | | Center Fred 15.00000000 GHz |
| -40.0 | | | | | | Start Fred 10.000000000 GH2 |
| -60.0 | | | | | | Stop Fred 20.000000000 GH2 |
| -80.0 | | | | | 1 FMS | CF Step 1.00000000 GH Auto Mar |
| -100 | | | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | | #VBW | 3.0 MHz | Sween | Stop 20.000 GHz 26.67 ms (40000 pts) | |
| MSG | | | | | TATUS | |

BAND 2. Conducted Spurious_2 (19175ch_5MHz_QPSK_RB 1_0)



| | ctrum Analyz | | | | | | | | |
|----------------------------|---------------------------|--------------------|----------------------------|---------------------------|----------|------------|-------------------------|----------------|---|
| RL Center F | _R , req 5.0 | 50 Ω AC 1500000 | 0 GHz PNO: Fast | SENSI | #A | ALIGN AUTO | TRACE | May 15, 2019 | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low | #Atten: 10 d | | M | kr1 7.402 | 8 GHz 7 dBm | Auto Tun |
| og 10.0 20.0 30.0 | | ¥2 | | | | | | | Center Fre 5.015000000 G⊦ |
| i0.0 i0.0 i0.0 | | | | | | 1- | | | Start Fre 30.000000 MF |
| 70.0 50.0 90.0 | | | | | | | ****** | RMS | Stop Fre 10.000000000 GF |
| KR MODE T | RC SCL | X | | W 3.0 MHz | FUNCTION | | Stop 10. 7.33 ms (20 | 0001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| | | | 7.402 8 GHz 1.851 0 GHz | -70.107 dBn -4.224 dBn | | | | | Freq Offs 0 H |
| | | | | m | | | | • | |

BAND 2. Conducted Spurious_1 (18650ch_10MHz_QPSK_RB 1_0)



| 📕 Agilent Spectrum Analyzer - Sv | | | | | | | |
|-------------------------------------|-------------|--------------|---|---------------|----------------------------|--|--|
| RL RF 50 Center Freq 15.000 | 0000000 GHz | | | #Avg Type: RM | AUTO 01:23:53 PI S TRAC | M May 15, 2019 E 1 2 3 4 5 6 E A MARINE T A A A A A A | Frequency |
| 10 dB/div Ref -20.0 | IFGain | | | N | lkr1 18.924 | | Auto Tune |
| -30.0 | | | | | | | Center Fred 15.00000000 GHz |
| | | | | | | | Start Fred 10.00000000 GHa |
| -60.0 | | | | | | | Stop Free 20.000000000 GH2 |
| 90.0 | | | a in a start to a start | | | 1 RMS | CF Step 1.000000000 GH; Auto Mar |
| -100 | | | | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | | #VBW 3.0 MHz | | Sweer | Stop 20 26.67 ms (4 | .000 GHz 0000 pts) | |
| MSG | | | | | STATUS | | |

BAND 2. Conducted Spurious_2 (18650ch_10MHz_QPSK_RB 1_0)



| RL RL | ctrum Analyz | | | | 1 (T) | | | | |
|----------------------|--|---------------------|---------------------------|--------------------------------|---|---------------------------|--|------------------|------------------------------------|
| | | 50 Ω AC 15000000 | PNO: Fast + | Trig: Free Ru #Atten: 10 dE | #Av | ALIGN AUTO g Type: RMS | TYPE | 2 3 4 5 6 | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low _ | #Atten: 10 de | 5 | M | (r1 7.503 (-74.961 | GHz | Auto Tun |
| og 10.0 20.0 | | ¥2 | | | | | | | Center Fre 5.015000000 GH |
| 0.0 0.0 0.0 | | | | | | | | | Start Fre 30.000000 Mi |
| 70.0 30.0 30.0 | torian and a state of the state | | | | ny it and the second | | 14-14-14-14-14-14-14-14-14-14-14-14-14-1 | RMS | Stop Fre 10.00000000 GF |
| KR MODE T | RC SCL | X | | W 3.0 MHz Y | FUNCTION | Sweep 17 | Stop 10.00 7.33 ms (200 | 01 pts) | CF Ste 997.000000 Mi Auto Mi |
| | 1 f 1 f | 7 | 2.503 0 GHz .876 4 GHz | -74.961 dBm -4.098 dBm | | | | | Freq Offs 01 |
| 9 10 11 | | | | 117 | | E STATU | 9 | , | |

BAND 2. Conducted Spurious_1 (18900ch_10MHz_QPSK_RB 1_0)



| 🔰 Agilent Spectrum Analyzer - Swept SA | | | | |
|--|---|-------------------|---|---------------------------------------|
| 🗱 RL 🛛 RF 50 Ω AC Center Freq 15.00000000 | 0 GHz | SE:INT ALIGN AUTO | 0 01:25:50 PM May 15, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A A | Frequency |
| 10 dB/div Ref -20.00 dBm | PNO: Fast +++ Trig: Free IFGain:High #Atten: 0 d | dB | 1 18.918 47 GHz -82.771 dBm | Auto Tune |
| -30.0 | | | | Center Freq 15.00000000 GHz |
| -40.0 | | | | Start Fred 10.000000000 GH |
| -60.0 | | | | Stop Free 20.000000000 GH2 |
| 80.0 | | | 1 RMS | CF Step 1.00000000 GH: Auto Mar |
| -100 | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MHz | Sween | Stop 20.000 GHz 26.67 ms (40000 pts) | |
| ISG | | K ostat | | |

BAND 2. Conducted Spurious_2 (18900ch_10MHz_QPSK_RB 1_0)



| | | er - Swept SA | | 051405 1 | ~ | | 01.07.05.011 | | |
|---|--------------------------|---------------------|------------------------|---------------------------------|----------|------------------|---------------------------------------|--|------------------------------------|
| | ^{RF} req 5.0 | 50 Ω AC 15000000 | PNO: Fast + | Trig: Free Rur #Atten: 10 dB | #Avg | ALIGN AUTO | TYPE | 1 2 3 4 5 6 A 444 A A A A A | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low _ | #Atten: 10 dB | | M | (r1 3.819 -77.02 | 6 GHz | Auto Tun |
| og 10.0 20.0 | | ¥2 | | | | | | | Center Fre 5.015000000 GH |
| 0.0 0.0 0.0 | | | | | | | | | Start Fre 30.000000 Mi |
| 0.0 | | | | 1 | | | | RMS | Stop Fre 10.000000000 GF |
| | 1.0 MH | x | | W 3.0 MHz Y | FUNCTION | Sweep 17 | Stop 10.0 7.33 ms (200 FUNCTION | 001 pts) | CF Ste 997.000000 Mi Auto M |
| 1 N 2 2 N 2 3 - - 4 - - 5 - - 6 - - 7 - - 8 - - 9 - - 0 - - | | <u>3</u> 1. | 819 6 GHz 909 8 GHz | -77.025 dBm -4.115 dBm | | | | | Freq Offs 01 |
| 1 | | | | III | | L ostatu: | | | |

BAND 2. Conducted Spurious_1 (19150ch_10MHz_QPSK_RB 1_0)



| 📕 Agilent Spectrum Analyzer | | | | | | | |
|-------------------------------------|---------|------------------------------|--------------------------------|------------|---------------|--|---|
| Center Freq 15.0 | 50 Ω AC |) GHz | SENSE:INT | #Avg Type: | | 01:27:51 PM May 15, 201 TRACE 1 2 3 4 5 TYPE A WWWW DET A A A A A | 9 Frequency |
| 10 dB/div Ref -20 | .00 dBm | PNO: Fast +++ IFGain:High | Trig: Free Run #Atten: 0 dB | | Mkr1 1 | 8.911 22 GH -82.872 dBn | Auto Tune |
| -30.0 | | | | | | | Center Fred 15.00000000 GHz |
| -40.0 | | | | | | | Start Free 10.000000000 GHz |
| -60.0 | | | | | | | Stop Fred 20.000000000 GHz |
| -80.0 | | | | | mainta | 1 Rb | CF Step 1.000000000 GH; <u>Auto</u> Mar |
| -100 | | | | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | | #VBW | 3.0 MHz | Swi | s eep 26.6 | Stop 20.000 GH 7 ms (40000 pts | |
| MSG | | | | | STATUS | | u |

BAND 2. Conducted Spurious_2 (19150ch_10MHz_QPSK_RB 1_0)



| | ctrum Analyz | | | | | | | |
|-----------------|--|------------|-------------|-----------------|--|----------------|------------------------------------|--------------------|
| RL | RF | 50 Ω AC | | SENSE: | | ALIGN AUTO | 01:29:39 PM May 15, TRACE 2 3 4 | |
| enter F | req 5.0 | 15000000 | PNO: Fast + | 📕 Trig: Free Ru | in | g Type. Rins | TYPE A WWW DET A A A A | |
| | | | IFGain:Low | #Atten: 10 dB | 3 | | | |
| | | | | | | MI | (r1 7.403 8 G | Auto Tun |
| 0 dB/div | Ref 0. | 00 dBm | | | | | -70.169 dE | 3m |
| - ^{og} | | ¥ 2 | | | | | | |
| 10.0 | | | | | | | | Center Fre |
| 20.0 | | | | | | | | 5.015000000 GH |
| 30.0 | | | | | | | | |
| 0.0 | | | | | | | | |
| 50.0 | | | | | | | | Start Fre |
| | | | | | | | | 30.000000 MH |
| 50.0 | | | | | | 1 | | |
| 70.0 | | | | | | | | RMS Stop Fre |
| 80.0 | - all and all all all all all all all all all al | | | | the state of the s | | and the second second second | 10.00000000 GH |
| 90.0 | | | | | | | | 10.0000000 Gr |
| | | | | | | | | |
| start 30 | | | | | | | Stop 10.000 G | Hz CF Ste |
| Res BW | 1.0 MH | Z | #VB | W 3.0 MHz | | Sweep 17 | '.33 ms (20001 p | (ts) 997.000000 MI |
| KR MODE T | | Х | | Ŷ | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | Auto Ma |
| | 1 f 1 f | 7. | 403 8 GHz | -70.169 dBm | | | | |
| 2 N | | 1. | 851 5 GHz | -3.629 dBm | | | | Freq Offs |
| 4 | | | | | | | | 01 |
| 5 | | | | | | | | E |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 10 | | | | | | | | |
| 1 | | | | | | | | • |
| - | _ | | | III | | 2 | | |
| G | | | | | | | S | |

BAND 2. Conducted Spurious_1 (18675ch_15MHz_QPSK_RB 1_0)



| | trum Analyzer - Swept SA | | | | | |
|------------------|-------------------------------|----------------------------|--------------------------------|------------------------------|---|--|
| Center Fi | RF 50 Ω AC req 15.00000000 | 0 GHz | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 01:29:55 PM May 15, 2019 TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A | Frequency |
| 10 dB/div Log | Ref -20.00 dBm | PNO: Fast ↔ IFGain:High | Trig: Free Run #Atten: 0 dB | Mkr1 | 18.923 72 GHz -82.493 dBm | Auto Tune |
| -30.0 | | | | | | Center Fred 15.000000000 GHz |
| -40.0 | | | | | | Start Fred 10.00000000 GHz |
| -60.0 | | | | | | Stop Free 20.000000000 GH2 |
| -80.0 | | | | | 1 RMS | CF Step 1.00000000 GHz <u>Auto</u> Mar |
| -100 | | | | | | Freq Offse 0 H: |
| Start 10.0 | 00 GHz 1.0 MHz | #VBW | 3.0 MHz | Sweep 26 | Stop 20.000 GHz 5.67 ms (40000 pts) | |
| MSG | | | | to statu: | | |

BAND 2. Conducted Spurious_2 (18675ch_15MHz_QPSK_RB 1_0)



| RL | ctrum Analyz RF | er - Swept SA 50 Ω AC | | 051105.1 | | | | | |
|--------------------------|--------------------|--------------------------|------------------------------------|--------------------------------|----------|---------------------------|--------------------------|--|---|
| | | 50 Ω AC 15000000 |) GHz PNO: Fast ← IFGain:Low | Trig: Free Ru #Atten: 10 dB | #Av n | ALIGN AUTO g Type: RMS | TYPE | 1 2 3 4 5 6 A WWWWW A A A A A A A | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low | #Atten: 10 de | | M | kr1 7.494 -73.35 | 0 GHz 5 dBm | Auto Tun |
| 20.0 | | ¥2 | | | | | | | Center Fre 5.015000000 G⊦ |
| 10.0 50.0 50.0 | | | | | | | | | Start Fre 30.000000 MH |
| 70.0 80.0 90.0 | | | | | | | | RMS | Stop Fre 10.000000000 GH |
| | 1.0 MH | X | | W 3.0 MHz Y | FUNCTION | Sweep 1 | Stop 10.0 7.33 ms (20 | 001 pts) | CF Ste 997.000000 Mi <u>Auto</u> Mi |
| 2 N 4 5 6 7 8 9 | | 7 | 2494 0 GHz .874 0 GHz | -73.355 dBm -4.263 dBm | | | | ш | Freq Offs 0 F |
| 10 11 | | | | m | | L STATU | | | |

BAND 2. Conducted Spurious_1 (18900ch_15MHz_QPSK_RB 1_0)



| 📕 Agilent Spectrum Analyze | | | | | | |
|-------------------------------------|----------|----------------------------|--------------|---------------|---|--|
| Center Freq 15.0 | 50 Ω AC | 0 GHz | SENSE:INT | #Avg Type: RM | S TRACE 1 2 3 4 5 6 | Frequency |
| 10 dB/div Ref -20 | 0.00 dBm | PNO: Fast ↔ IFGain:High | #Atten: 0 dB | N | Ikr1 18.850 47 GHz -82.988 dBm | Auto Tune |
| -30.0 | | | | | | Center Freq 15.000000000 GHz |
| -40.0 | | | | | | Start Fred 10.000000000 GH |
| -60.0 | | | | | | Stop Fred 20.000000000 GH2 |
| -80.0 | | | | | 1 RMS | CF Step 1.000000000 GH; Auto Mar |
| -100 | | | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | | #VBW | 3.0 MHz | Sweer | Stop 20.000 GHz 26.67 ms (40000 pts) | |
| MSG | | | | | STATUS | |

BAND 2. Conducted Spurious_2 (18900ch_15MHz_QPSK_RB 1_0)



| | ctrum Analyz | | | | | | | - 6 - × |
|--|--------------------------|---------------------|---------------------------|--------------------------------|----------|---------------------------|------------------------------------|---------------------------------------|
| enter F | ^{RF} rea 5.0 | 50 Ω AC 15000000 | GHz | SENSE:I | #Av | ALIGN AUTO g Type: RMS | 01:33:41 PM May 15, TRACE 2 3 4 | Frequency |
| 0 dB/div | | 00 dBm | PNO: Fast • IFGain:Low | Trig: Free Ru #Atten: 10 dE | | M | rr1 3.819 1 G -76.604 dB | Auto Tun |
| og 10.0 20.0 | | ¥2 | | | | | | Center Fre 5.015000000 GH |
| 40.0 50.0 50.0 | | | | | | | | Start Fre 30.000000 MH |
| 70.0 30.0 90.0 | | | | | | · · · · · · | | Stop Fre 10.000000000 GH |
| | 1.0 MH | х | | W 3.0 MHz Y | FUNCTION | Sweep 17 | Stop 10.000 G .33 ms (20001 p | Hz CF Ste 997.000000 MH Auto Ma |
| 2 N 7 3 4 5 5 6 7 8 9 9 0 | | 3. 1. | 819 1 GHz 909 8 GHz | -76.604 dBm -3.775 dBm | | | | Freq Offs 01 |
| | | | | m | | | | * |
| G | | | | | | | S | |

BAND 2. Conducted Spurious_1 (19125ch_15MHz_QPSK_RB 1_0)



| 🗾 Agilent Spectrum An | | | | | | |
|----------------------------------|------------|----------------------------|--------------------------------|----------------------------|---|--|
| Center Freq 1 | 50 Ω AC | 0 GHz | SENSE:INT | ALIGN AL #Avg Type: RMS | TO 01:33:57 PM May 15, 2019 TRACE 1 2 3 4 5 6 | Frequency |
| 10 dB/div Ref | -20.00 dBm | PNO: Fast ↔ IFGain:High | Trig: Free Run #Atten: 0 dB | М | TRACE 2 3 4 5 6 TYPE A AAAAAA DET A AAAAAAA Kr1 18.894 97 GHz -82.891 dBm | Auto Tune |
| -30.0 | | | | | | Center Fred 15.000000000 GHz |
| -40.0 | | | | | | Start Fred 10.000000000 GHz |
| -60.0 | | | | | | Stop Freq 20.000000000 GHz |
| -80.0 | | | | | 1 RMS | CF Step 1.00000000 GHz <u>Auto</u> Mar |
| -100 | | | | | | Freq Offse 0 H: |
| Start 10.000 GI #Res BW 1.0 N | Hz | #VBW | 3.0 MHz | Sweep | Stop 20.000 GHz 26.67 ms (40000 pts) | |
| MSG | | | | | TATUS | |

BAND 2. Conducted Spurious_2 (19125ch_15MHz_QPSK_RB 1_0)



| | ctrum Analyz | | | a stuar | | | | | |
|--|---------------------------|---------------------|----------------------------|---------------------------|--|------------|-------------|--|---|
| | _R , req 5.0 | 50 Ω AC 15000000 | O GHz PNO: Fast | Trig: Free R | #Av | ALIGN AUTO | TRAC | May 15, 2019 E 2 3 4 5 6 E A WWWWW | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low | #Atten: 10 d | B | M | kr1 7.404 | 8 GHz 4 dBm | Auto Tun |
| og 10.0 20.0 | | *2 | | | | | | | Center Fre 5.015000000 G⊦ |
| i0.0 i0.0 i0.0 | | | | | | 1- | | | Start Fre 30.000000 Mi |
| 70.0 80.0 90.0 | | and the second | | | and the second | ~ | | RMS | Stop Fre 10.000000000 GF |
| KR MODE T | RC SCL | X | | W 3.0 MHz Y | FUNCTION | Sweep 1 | 7.33 ms (2) | | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 2 N 3 4 5 6 7 8 9 | 1 f 1 f | | 7.404 8 GHz 1.851 5 GHz | -69.574 dBm -3.241 dBm | | | | | Freq Offs 0 F |
| 10 11 | | | | ш | | STATU | | , • | |

BAND 2. Conducted Spurious_1 (18700ch_20MHz_QPSK_RB 1_0)



| 📕 Agilent Spectrum Analyzer - Swept SA | | | | |
|---|--|------------------------------------|---|--|
| Center Freq 15.000000 | | E:INT ALIGN AUTO #Avg Type: RMS | 01:36:06 PM May 15, 2019 | Frequency |
| Center Fred 15.00000 | PNO: Fast +++ Trig: Free R IFGain:High #Atten: 0 dl | Run | TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A | |
| 10 dB/div Ref -20.00 dB | m | Mkr | 1 18.931 47 GHz -82.736 dBm | Auto Tune |
| -30.0 | | | | Center Freq 15.00000000 GHz |
| -40.0 | | | | Start Free 10.000000000 GHz |
| -60.0 | | | | Stop Freq 20.000000000 GHz |
| -80.0 | | | 1 RMS | CF Step 1.00000000 GHz <u>Auto</u> Man |
| -100 | | | | Freq Offse 0 Ha |
| -110 Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MHz | Swan 2 | Stop 20.000 GHz 26.67 ms (40000 pts) | |
| | #VBW 5.0 WIN2 | Sweep 2 | | |

BAND 2. Conducted Spurious_2 (18700ch_20MHz_QPSK_RB 1_0)



| RL RL | ctrum Analyz RF | er - Swept SA 50 Ω AC | | | 14.00 | | | | |
|----------------------|--------------------|--------------------------|--------------------------|---------------------------|----------|------------|---|--------|-----------------------------------|
| | | 50 Ω AC 15000000 | PNO: Fast + | SENSE: | #A un | ALIGN AUTO | 01:37:51 PM May TRACE | | Frequency |
| 0 dB/div | Ref 0. | 00 dBm | IFGain:Low _ | #Atten: 10 dl | 3 | MI | (r1 7.485 1 -73.466 | GHz | Auto Tun |
| og 10.0 20.0 | | ¥2 | | | | | | | Center Fre 5.015000000 G⊦ |
| 0.0 0.0 0.0 | | | | | | | | | Start Fre 30.000000 Mi |
| 70.0 30.0 90.0 | | | | | | | | RMS 1 | Stop Fre 0.000000000 G⊦ |
| KR MODE T | 1.0 MH | X | | W 3.0 MHz Y | FUNCTION | Sweep 17 | Stop 10.000 7.33 ms (2000 FUNCTION VA | 1 pts) | CF Ste 997.000000 Mi ito Ma |
| | | 7. 1. | .485 1 GHz .872 0 GHz | -73.466 dBm -3.874 dBm | | | | | Freq Offs 0 F |
| 0 1 G | | | | m | | In STATU | | , - | |

BAND 2. Conducted Spurious_1 (18900ch_20MHz_QPSK_RB 1_0)



| | trum Analyzer - Swept | | | | | | | | - 6 x |
|------------------|---------------------------|--|-----------------|---------|----------|-----------------|-----------|--|------------------|
| X/RL | RF 50 Ω req 15.00000 | | SEN | ISE:INT | #Avg Typ | ALIGN AUTO | | M May 15, 2019 E 1 2 3 4 5 6 | Frequency |
| | req 15.00000 | PNO: Fa | st 🛶 Trig: Free | | | | TYP | | |
| | | IFGain:Hi | gh #Atten: 0 | dB | | | | | Auto Tune |
| | | | | | | Mkr1 | 18.912 | 22 GHz | Auto Tune |
| 10 dB/div Log | Ref -20.00 d | Bm | | | | | -82.4 | 32 dBm | |
| | | | | | | | | | O |
| -30.0 | | | | | | | | | Center Free |
| -30.0 | | | | | | | | | 15.00000000 GH |
| 40.0 | | | | | | | | | |
| -40.0 | | | | | | | | | Start Free |
| 50 G | | | | | | | | | 10.00000000 GH |
| -50.0 | | | | | | | | | |
| | | | | | | | | | |
| -60.0 | | | | | | | | | Stop Free |
| | | | | | | | | | 20.00000000 GH: |
| -70.0 | | | | | | | | | - |
| | | | | | | | | 1 | CF Step |
| 80.0 | | | | | | | | RMS | 1.00000000 GH |
| | | | | | | | | And Breaking and | <u>Auto</u> Mar |
| 90.0 | | And the second s | | | | | | | |
| | | | | | | | | | Freq Offse |
| -100 | | | | | | | | | 0 H: |
| | | | | | | | | | |
| -110 | | | | | | | | | |
| | | | | | | | | | |
| Start 10.0 | 00 GHz | | | | | | Stop 20 | .000 GHz | |
| Res BW | | # | VBW 3.0 MHz | | s | weep 26 | .67 ms (4 | 0000 pts) | |
| ISG | | | | | | E STATUS | | | |
| 00 | | | | | | Sintos | | | |

BAND 2. Conducted Spurious_2 (18900ch_20MHz_QPSK_RB 1_0)



| | ectrum Analyz | | | | | | | | |
|--------------------|--------------------------|---------------------|--------------------------|---------------------------|----------|----------------|---------------------------------------|------------------------------|------------------------------------|
| enter F | ^{RF} req 5.0 | 50 Ω AC 15000000 |) GHz PNO: Fast | SENSE | #Av | ALIGN AUTO | TYPE | 1 2 3 4 5 6 A WWWW | Frequency |
| 0 dB/div | Ref 0. | .00 dBm | IFGain:Low | #Atten: 10 d | | M | cr1 3.818 -76.14 | 6 GHz | Auto Tun |
| og 10.0 20.0 | | ¥2 | | | | | | | Center Fre 5.015000000 GF |
| 0.0 0.0 0.0 | | | | | | | | | Start Fre 30.000000 Mi |
| 0.0 | | | ~~~~~ | | | ~~~~ | | RMS | Stop Fre 10.000000000 GR |
| | TRC SCL | X | | W 3.0 MHz | FUNCTION | Sweep 17 | Stop 10.0 7.33 ms (200 FUNCTION | 001 pts) | CF Ste 997.000000 M Auto M |
| | 1 f 1 f | <u>33</u> 1 | 9.818 6 GHz 909 3 GHz | -76.146 dBm -4.190 dBm | | | | | Freq Offs 01 |
| 1 | | | | m | | E STATU | | • | |

BAND 2. Conducted Spurious_1 (19100ch_20MHz_QPSK_RB 1_0)



| 🔰 Agilent Spectrum Analyzer - Swept SA | | | | |
|--|--|--------------|---|---|
| Center Freq 15.000000 | 000 GHz | #Avg Type: F | SN AUTO 01:36:06 PM May 15, 2019 CMS TRACE 1 2 3 4 5 6 TYPE A WWWW DET A A A A A A | Frequency |
| 10 dB/div Ref -20.00 dB | PNO: Fast Trig: Fre IFGain:High #Atten: (| | Mkr1 18.931 47 GHz -82.736 dBm | Auto Tune |
| -30.0 | | | | Center Fred 15.000000000 GHz |
| -40.0 | | | | Start Fred 10.000000000 GHz |
| -60.0 | | | | Stop Free 20.000000000 GH; |
| -80.0 | | | 1 RMS | CF Step 1.00000000 GH <u>Auto</u> Mar |
| -100 | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MH2 | z Swe | Stop 20.000 GHz ep 26.67 ms (40000 pts) | |
| MSG | | | STATUS | |

BAND 2. Conducted Spurious_2 (19100ch_20MHz_QPSK_RB 1_0)



10. APPENDIX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

| No. | Description |
|-----|---------------------|
| 1 | HCT-RF-1905-FC035-P |