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* Agilent 00:46:01 Sep 13, 2020 L Freq/Channel	* Agilent 00:57:26 Sep 13, 2020 L Freq/Channel
Ch Freq 709 MHz Trig Free 709.00000 MHz 709.000000 MHz 709.000000 MHz	Ch Freq 711 MHz Trig Free 711.000000 MHz 711.000000 MHz
AP2020.9.1,19467,Conducted D2 694.000000 MHz	AP2020.9.1,19467.Conducted D2 546.000000 MHz
Ref 28 dBm •Atten 28 dB •Avg PR\$S LIMIT1 10g 724.000000 MHz	Ref 28 dBm •Atten 28 dB •Avg PRSS LIMIT1 100 726.000000 MHz
10 dB/ Offst 15 CF Step 3.0000000 MHz <u>Auto</u> Man	10 dB/ Offst 15 CF Step 3.0000000 Miz <u>Auto</u> Man
dB Center 703.000 MHz Span 30 MHz Span 30 MHz 0.00000000 Hz	dB Center 711.000 MHz Span 30 MHz Span 30 MHz
Res BW 30 kHz VBW 91 kHz Sweep 101 ms (8192 pts) Signal Track RMS Results Freq Offset Ref BH dBc Lover dBm dBc Upper dBm Carrier Power 5.150 MHz 100.0 kHz -65.04 -41.04 -87.01 -63.02 On Off 10.0000 MHz 100.00 kHz -65.04 -41.04 -87.01 -63.02 On Off	•Res BH 30 kHz VBM 91 kHz Sweep 101 ms (8192 pts) Signal Track RMS Results Freq Offset Ref BH dBc Lower dBm dBc Uoper dBm Do n Off Carrier Power 5.150 MHz 180.0 kHz - 85.57 -59.16 -65.63 -39.23 On Off 18.0000 MHz 180.00 HHz 180.00 kHz -85.57 -59.16 -65.63 -39.23 On Off
UL:19467 \ R Date:06/09/2020	UL:19467 \ R Date:06/09/2020
LTE B17 10MHz QPSK Low Channel RB1-0	LTE B17 10MHz QPSK High Channel RB1-49
Agilent 10:26:22 May 19, 2020 R T Freq/Channel	* Agilent 10:29:15 May 19, 2020 R T Freq/Channel
Ch Freq 709 MHz Trig Free 709.000000 MHz 709.000000 MHz	Ch Freq 711 MHz Trig Free Center Freq 711.000000 MHz 711.000000 MHz
UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3	UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3
Ref 28 dBm •Atten 28 dB •Flvg PRSS LIMIT1 10 724.000000 MHz	Ref 28 dBm •Atten 28 dB Stop Freq •Avg PASS LIMIT1 726.000000 MHz 10 PASS LIMIT1 726.000000 MHz
dB/ Offst 15 dB	dB/ CF Step 0ffst 3.00000000 Miz 15 4.000 Miz dB 4.000 Miz
Center 709.000 MHz Span 30 MHz 0.0000000 Hz •Res BW 100 kHz •VBW 300 kHz Sweep 9.283 ms (8192 pts) Image: Sweep 9.283 ms (8192 pts)	OB Freq Offset Center 711.000 MHz Span 30 MHz •Res BW 100 kHz •VBW 300 kHz Sweep 9.283 ms (8192 pts)
Res Dw 100 knz = 00w 300 knz 300 knz <td>Results Freq Offset Ref BW dBc Lower dBc Upper dBc Upper dBc On Off 25.861 dBm / 25.961 dBm / 180.0 kHz -62.53 -37.52 -57.21 -32.20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td>	Results Freq Offset Ref BW dBc Lower dBc Upper dBc Upper dBc On Off 25.861 dBm / 25.961 dBm / 180.0 kHz -62.53 -37.52 -57.21 -32.20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10.0000 MHz	18.8080 MHz
UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3	UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3
LTE B17 10MHz QPSK Low Channel RB50-0	LTE B17 10MHz QPSK High Channel RB50-0

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8.2.8. LTE BAND 25 BANDEDGE

LIMITS

FCC: §24.238

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

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* Agilent 23:18:41 May 20, 2020 R L Freq/Channel	* Agilent 23:22:55 May 20, 2020 L Freq/Channel
Ch Freq 1.8507 GHz Trig Free Center Freq 1.8507/0000 GHz Adj Channel Power PRSS	Ch Freq 1.9143 GHz Trig Free Center Freq 1.91430000 GHz Adj Channel Power PRSS
UL: 10646 \R Date: 04/23/2020 \ CLT: 2.8.3	Start Freq HP2020.5.18.10646,Temp B
Ref 33 dBm •Atten 40 dB •Rvg PR\$S LIMIT1 1.85570000 GHz	Ref 39 dBm •Atten 40 dB •Avg PRSS LIMIT1 Log 1.91930000 GHz
10 dB/ Offst 1c1 1c1 1c2 1c2 1c2 1c2 1c2 1c2	10 dB/ Offst 161 CF Step 1.00000000 MHz Puto Man
16.1 dB Center 1.850 70 GHz Center 1.850 70 GHZ	16.1 dB Center 1.914 30 GHz Center 1.914 30 GHZ
Control 1050 control Res BM 30 KHz *VBM 91 KHz Sweep 33.6 ms (1001 pts) RMS Results Freq Offset Ref BM dBc Lower dBm dBc Upper dBm Carrier Power 2.200 MHz 1.800 MHz -66.77 -35.86 -62.73 -37.83 On Off	Charlie Contract #VBW 91 kHz Sweep 33.6 ms (1001 pts) RHS Results Freq Offset Ref BW dBc Lover dBm dBc Upper dBm Carrier Pover 2.208 MHz 1.000 MHz -62.59 -36.32 -66.88 -33.81
1.40000 MHz	1.40000 MHz
UL:10646 \R Date:04/23/2020 \ CLT:2.8.3	UL:10646 \R Date:04/23/2020 \ CLT:2.8.3
LTE B25 1.4MHz QPSK Low Channel RB1-0	LTE B25 1.4MHz QPSK High Channel RB1-5
* Agilent 23:20:36 May 20, 2020 L Freq/Channel	* Agilent 23:21:21 May 20, 2020 L Freq/Channel
Center Freq Adj Channel Power PPSS	Center Freq
Hdj Channel Puwer	Children 1.9143 GHz Irig Free 1.91430000 GHz
Start Freq	Ch Freq I.3143 6Hz Irig Free 1.31430000 GHz Adj Channel Power PRSS Start Freq 1.91930000 GHz
Start Freq AP2020.5.18,10646,Temp B Ref 39 dBm •Atten 40 dB •Prive PRSS LIMIT1 1.85570000 GHz	Ch Freq 1.9143 6Hz Freq 1.91430000 6Hz Adj Channel Power PASS Start Freq 1.9030000 6Hz AP2020.5.18,10646,Temp B 1.90930000 6Hz 1.90930000 6Hz Ref 39 dBm *Atten 40 dB Stop Freq Log PASS LIMIT1 1.91930000 6Hz
Start Freq RP2020.5.18,10646, Temp B Ref 39 dBm •Atten 40 dB •Flvg PASS LIMIT1 10 0 10 0 16 0 16 0	Ch Freq 1.9143 6Hz Freq 1.91430000 6Hz Adj Channel Power PASS Start Freq 1.91430000 6Hz Adj Channel Power PASS Start Freq 1.90930000 6Hz AP2020.5.18,10646,Temp B *Atten 40 dB Stop Freq 1.91930000 6Hz Log PASS LIMIT1 1.91930000 6Hz 1.91930000 6Hz 10 Atten 40 dB CF Step 1.9000000 6Hz 10 Atten 40 dB Atten 40 dB Atten 40 dB **No Atten 40 dB Atten 40 dB Atten 40 dB **No Atten 40 dB Atten 40 dB Atten 40 dB **No Atten 40 dB Atten 40 dB Atten 40 dB **No Atten 40 dB Atten 40 dB Atten 40 dB 10 Atten 40 dB Atten 40 dB Atten 40 dB 10 Atten 40 dB Atten 40 dB Atten 40 dB 10 Atten 40 dB Atten 40 dB Atten 40 dB 10 Atten 40 dB Atten 40 dB Atten 40 dB
Start Freq AP2020.5.18,10646,Temp B Ref 39 dBm •Atten 40 dB •Plvg PRSS LIMIT1 0dB/ 0 0dB/ 0 <td>Ch Freq 1.9143 6Hz Freq 1.91430000 GHz Adj Channel Power PRSS 1.91430000 GHz Start Freq AP2020.5.18.10646.Temp B •Atten 40 dB •Bten 40 dB 1.90930000 GHz PASS LIMIT1 1.91930000 GHz 1.91930000 GHz 10 Approx Mark Creation Creation 10 Approx Mark Creation Creation</td>	Ch Freq 1.9143 6Hz Freq 1.91430000 GHz Adj Channel Power PRSS 1.91430000 GHz Start Freq AP2020.5.18.10646.Temp B •Atten 40 dB •Bten 40 dB 1.90930000 GHz PASS LIMIT1 1.91930000 GHz 1.91930000 GHz 10 Approx Mark Creation Creation 10 Approx Mark Creation Creation
Start Freq AP2020.5.18.10646,Temp B Ref 39 dBm *Atten 40 dB *flvg PRSS LIMIT1 10g CF Step 10d CF Step 161 CF Step 161 CF Step 184570000 GHz 18570000 GHz 181 CF Step 181 CF Step 181 Span 10 MHz 185 70 000 GHz 0000000 Hz *Nes BW 8Hz *VBW 91 kHz Span 10 MHz Signal Track Signal Track	Ch Freq 1.9143 6Hz Freq 1.91430000 GHz Adj Channel Power PRSS 1.91430000 GHz Start Freq Adj Channel Power PRSS 1.91430000 GHz Start Freq AP2020.5.18,10646,Temp B •Atten 40 dB 1.90930000 GHz 1.90930000 GHz *Adj Channel Power •Atten 40 dB •Atten 40 dB 1.90930000 GHz *Adj Offst •Atten 40 dB •CF Step 1.00000000 MHz 16,1 •Atten 40 GHz Span 10 MHz 0.0000000 MHz *Res BH 30 kHz •VBH 91 kHz Sweep 33.6 ms (1001 pts) Freq Offset Res BH 30 kHz •VBH 91 kHz Sweep 33.6 ms (1001 pts) Signal Track Non Off •On Off
Start Freq AP2020.5.18,10646,Temp B Ref 39 dBm *Itten 40 dB *Itvg PRSS LIMIT1 0dB/ 0dB/ 0dB/ 0dB/ 0ffst 0dB/ 16.1 0dB/ 0ffst 0dB/ 18.1 0dB/ 0ffst 0dB/ 18.1 0dB/ 0ffst 0dB/ 18.1 0dB/ 0dB/ 0dB/ 0ffst 0dB/ 18.1 0dB/ 0dB/ 0dB/ 0ffst 0dB/ 0ffst 0dB/ 0ffst 0dB/ 0ffst 0dB/ 0dB/ 0dB/	Ch Freq 1.9143 6Hz Freq 1.91430000 GHz Adj Channel Power PASS Start Freq 1.91430000 GHz Adj Channel Power PASS Start Freq 1.90930000 GHz AP2020.5.18,10646,Temp B •Atten 40 dB Stop Freq 1.90930000 GHz Barborn Composition •Atten 40 dB •CF Step 1.90930000 GHz Offst •Offst •Offst 1.00000000 MHz Add •WB 91 kHz Span 10 MHz •O0000000 Hz •Res BW 30 kHz •VBW 91 kHz Sweep 33.6 ms (1001 pts) Signal Track
Start Freq AP2020.5.18,10646,Temp B Ref 39 dBm •Atten 40 dB •Flvg PRSS LIMIT1 10g PRSS LIMIT1 161	Ch Freq 1.9143 6Hz Freq 1.91430000 6Hz Adj Channel Power PASS Start Freq 1.91430000 6Hz AP2020.5.18,10646.Temp B Ref 39 dBm *Atten 40 dB Start Freq 1.90930000 6Hz B *Atten 40 dB *Atten 40 dB Stop Freq 1.91930000 6Hz 0 #Atten 40 dB *Atten 40 dB Stop Freq 1.90930000 6Hz 1.90930000 6Hz 1.90930000 6Hz 1.00000000 Hz *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB *Atten 40 dB 1.00000000 Hz *Atten 40 dB *Atten 40 dB *Atten 40 dB *VBN 91 kHz Span 10 MHz *Res BL3 0k Hz *VBN 91 kHz Sweep 33.6 ms (1001 pt) RMS Results Freq Offset .480 MHz .480 MHz 1.40000 MHz 1.800 MHz -44.81 -19.37 1.40000 MHz 1.400 MHz .44.81 -19.37 -45.79
Start Freq AP2020.5.18,10646,Temp B Ref 39 dBm •Atten 40 dB *flvg PASS LIMIT1 10g Image: Comparison of the start	Ch Freq 1.9143 GHz Frig Freq 1.91430000 GHz Adj Channel Power PASS Start Freq 1.90430000 GHz AP2020.5.18,10646,Temp B Ref 39 dBm *Atten 40 dB Start Freq Hay PASS IMIT1 Image: Start Freq 1.90930000 GHz 100 B *Atten 40 dB Stop Freq 101 Image: Start Freq 1.91930000 GHz 100 CF Step 1.0000000 GHz 101 Image: Start Freq 1.91930000 GHz 101 Image: Start Freq Image: Start Freq 101 Image: Start Freq Image: Start Freq 1.910 Image: Start Freq Image: Start Freq 1.911 Image: Start Freq Image: Start Freq 1.912 Image: Start Freq Image: Start Freq 1.914 Image:

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Agilent 23:32:32 May 20, 2020 L Freq/Channel	* Agilent 23:29:19 May 20, 2020 L Freq/Channel
Ch Freq 1.8515 GHz Trig Free Center Freq 1.85150000 GHz Adj Channel Power PPRS	Ch Freq 1.9135 GHz Trig Free Center Freq Adj Channel Power PRSS 1.91350000 GHz 1.91350000 GHz
Start Freq 1.84400000 GHz	AP2020.5.18.10646,Temp B
Ref 39 dBm #Atten 40 dB	Ref 39 dBm #Atten 40 dB
Log 10 1.85900000 GH2	Log 1.92100000 GHz
dB/ CF Step 0fst 1,5000000 MHz 16.1 Man	dB/ Offst
dB Center 1.851 500 GHz Span 15 MHz Center 1.851 500 GHz	dB Center 1.913 500 GHz Span 15 MHz 0.08000000 Hz
*Res BW 51 kHz	*Res BW 51 kHz *VBW 160 kHz Sweep 17.4 ms (1001 pts)
Carrier Power 3.000 MHz 1.000 MHz -56.66 -31.33 -62.76 -37.44 25.33 dBm / 3.525 MHz 1.000 MHz -54.98 -29.65 -61.62 -36.29	Carrier Power 3.000 MHz 1.000 MHz -64.38 -37.26 -57.19 -30.07 27.12 dBm / 3.525 MHz 1.000 MHz -60.42 -33.30 -55.27 -28.15
3.00000 MHz	3.80000 MHz
UL:10646 \R Date:04/23/2020 \ CLT:2.8.3	UL:10646 \R Date:04/23/2020 \ CLT:2.8.3
LTE B25 3MHz QPSK Low Channel RB1-0	LTE B25 3MHz QPSK High Channel RB1-14
* Agilent 23:31:25 May 20, 2020 L [Freq/Channel]	
	* Agilent 23:29:57 May 20, 2020 L Freq/Channel
Ch Freq 1.8515 GHz Trig Free 1.85150000 GHz	Center Freq Ch Freq 1.9135 GHz Trig Free 1.91350000 GHz
Ch Freq 1.8515 GHz Free 1.85150000 GHz Adj Channel Power PRSS	Ch Freq 1.9135 GHz Trig Free 1.91350000 GHz
Ch Freq 1.8515 GHz Trig Free 1.85150000 GHz	Ch Freq 1.9135 GHz Trig Free 1.91350000 GHz
Ch Freq 1.8515 GHz Trig Free 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.8400000 GHz	Ch Freq 1.9135 GHz Trig Free Center Freq 1.91350000 GHz Adj Channel Power PASS Start Freq 1.9050000 GHz Start Freq 1.9050000 GHz
Ch Fréq 1.8515 GHz Trig Free 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.84400000 GHz Aref 39 dBm •Atten 40 dB •Stop Freq 1.8590000 GHz Interval •Atten 40 dB •CF Step CF Step	Ch Freq 1.9135 GHz Trig Free Center Freq 1.9135000 GHz Adj Channel Power PASS PASS Start Freq 1.91350000 GHz AP2020.5.18,10646,Temp B *Atten 40 dB *Atten 40 dB Stop Freq 1.92100000 GHz Apg PASS LIMIT1 1.92100000 GHz 1.92100000 GHz CC Step
Ch Fréq 1.8515 GHz Trig Fréq 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.85150000 GHz Ref 39 dBm •Atten 40 dB •Atten 40 dB Stop Freq *Rvg PRSS LIMIT1 Image: CF Step Freq 1.8590000 GHz 10 Image: CF Step Freq 1.8590000 GHz 06/rst Image: CF Step Freq 1.5000000 GHz	Ch Freq 1.9135 GHz Trig Free Center Freq 1.91350000 GHz Adj Channel Power PASS 1.91350000 GHz 1.91350000 GHz 1.91350000 GHz 1.90600000 GHz 1.90600000 GHz 1.90600000 GHz 1.92100000 GHz 1.900000 GHz 1.900000 GHz 1.9000000 GHz 1.90000000 GHz 1.900000000 GHz 1.900000000 GHz 1.900000
Ch Freq 1.8515 GHz Freq 1.8515 GM00 GHz Adj Channel Power PRSS Start Freq 1.84100000 GHz AP2020.5.18,10646,Temp B •Atten 40 dB •Atten 40 dB 1.84400000 GHz •Prog PRSS LIMIT1 Image: CF Step 1.500000 GHz 16,1 Image: CF Step 1.5000000 GHz 1.5000000 GHz	Ch Freq 1.9135 GHz Trig Free Adj Channel Power PRSS 1.91350000 GHz 1.91350000 GHz Adj Channel Power PRSS 1.91350000 GHz Start Freq AP2020.5.18.10646,Temp B •Atten 40 dB •Atten 40 dB Stop Freq 10 0 0 1.9210000 GHz 10 0 0 1.9200000 GHz 10 0 0 1.92100000 GHz 10 0 0 0 10 0 0 0 16.1 0 0 0 16.1 0 0 0 10 0 0 0 10 0 0 0 16.1 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10 0 0 0 0 10
Ch Freq 1.8515 GHz Trig Free 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.8440000 GHz Ref 33 dEm •Atten 40 dB •Atten 40 dB Stop Freq •Avg PRSS LIMIT1 Image: CF Step 1.590000 GHz 06/ Freq 1.590000 GHz 1.590000 GHz 10 Image: CF Step 1.5900000 GHz 1.5900000 GHz 16.1 Image: CF Step 1.5000000 GHz 1.5000000 MHz I6.1 Image: Center 1.851 S00 GHz Span 15 MHz 0.0000000 Hz •Res BW 51 KHz •VBW 160 kHz Sweep 17.4 ms (1001 pts) Signal Teach	Ch Freq 1.9135 GHz Trig Freq 1.91350000 GHz Adj Channel Power PRSS 1.91350000 GHz 1.91350000 GHz Start Freq Adj Channel Power PRSS Start Freq 1.91350000 GHz 1.90600000 GHz Adj Channel Power PRSS Start Freq 1.91200000 GHz 1.92100000 GHz Adj Channel Power PRSS LIMIT1 Interview Interview Interview Adj Channel Power PRSS LIMIT1 Interview In
Ch Freq 1.8515 GHz Trig Free 1.85150000 GHz Adj Channel Power PRSS Start Freq 1.85150000 GHz Ref 33 dEm •Atten 40 dB •Atten 40 dB Stop Freq 1.8590000 GHz 10 PRSS LIMIT1 Trig Free 1.8590000 GHz Stop Freq 16.1 dB Trig Free 1.5000000 GHz CF Step 0 Freq Offset Trig Free 1.5000000 GHz 0.000000 Hz 16.1 Stop Freq 0.000000 Hz Trig Free 0.0000000 Hz	Ch Freq 1.9135 GHz Trig Free Center Freq 1.91350000 GHz Adj Channel Power PRSS 1.91350000 GHz Start Freq 1.91350000 GHz AP2020.5.18.10646.Temp B •Atten 40 dB •Atten 40 dB 1.90600000 GHz 1.90600000 GHz Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io Io
Ch Fréq 1.8515 GHz Trig Freq 1.85150000 GHz Adj Channel Power PRSS Image: Start Freq 1.85150000 GHz Start Freq Adj Channel Power PRSS Image: Start Freq 1.84400000 GHz Image: Start Freq 1.84400000 GHz Adj Channel Power PRSS Image: Start Freq 1.84400000 GHz Image: Start Freq 1.84400000 GHz Adj Channel Power PRSS LIMIT1 Image: Start Freq 1.8500000 GHz Image: Start Freq 1.8500000 GHz Adj Ching PRSS LIMIT1 Image: Start Freq Image: Start Freq 1.5000000 GHz Image: Start Freq Im	Ch Freq 1.9135 GHz Trig Free Adj Channel Power PRSS 1.91350000 GHz 1.91350000 GHz Adj Channel Power PRSS 1.91350000 GHz 1.90600000 GHz Adj Channel Power PRSS 1.91350000 GHz 1.90600000 GHz Adj Channel Power •Atten 40 dB •Atten 40 dB 1.91200000 GHz Adj Channel Power •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB 1.92100000 GHz Io •Atten 40 dB •Atten 40 dB •Atten 40 dB ·Atten 40 dB •Atten 40 dB •Atten 40 dB •Atten 40 dB ·Atten 40 dB •Atten 40 dB •Atten 40 dB •Atten 40 dB ·A
Ch Freq 1.8515 GH2 Frig Freq 1.85150000 GH2 Adj Channel Power PRSS Start Freq 1.84400000 GH2 Start Freq AP2020.5.18,10646,Temp B •Arten 40 dB •Arten 40 dB Start Freq 1.8590000 GH2 **Rog •Arten 40 dB •Arten 40 dB •Arten 40 dB Stop Freq 1.61 •Arten 40 dB •Arten 40 dB Stop Freq 1.8500000 GH2 16.1 •Arten 40 dB •Arten 40 dB Freq 1.8500000 GH2 16.1 •Arten 40 dB •Arten 40 dB Stop Freq 1.85000000 GH2 16.1 •Arten 40 dB •Arten 40 dB Freq 1.59000000 GH2 16.1 •Arten 40 dB •Arten 40 dB •Arten 40 dB Stop Freq 1.50000000 H12 •Arten 40 dB •Arten 40 dB •Arten 40 dB •Arten 40 dB Center 1.851 500 GH2 •VBH 160 KH2 Span 15 MH2 •Arten 40 dB •Arten 40 dB Center 1.851 500 GH2 •VBH 160 KH2 Stop 01.4 ms (1001 ptr) •Arten 40 dB •Arten 40 dB •Arten 40 dB •Arten 40 dB •Arten 40	Ch Freq 1.9135 GHz Trig Free Adj Channel Power PRSS 1.91350000 GHz 1.91350000 GHz Adj Channel Power PRSS Start Freq 1.91350000 GHz AP2020.5.18.10646.Temp B *Atten 40 dB *Btart Freq 1.9060000 GHz Stop Freq 1.9060000 GHz Stop Freq 1.9060000 GHz Uog PRSS LIMIT1 Image: Comparison of the
Ch Freq 1.8515 GHz Freq 1.8515 GM00 GHz Adj Channel Power PRSS Start Freq 1.84400000 GHz AP2020.5.18,10646,Temp B Ref 33 dBm •Rtten 40 dB Start Freq 1.84400000 GHz *Plvg PRSS LIMIT1 Image: CF Step 1.8590000 GHz Start Freq 10g PRSS LIMIT1 Image: CF Step 1.8590000 GHz Stop Freq 16.1 Image: CF Step 1.5900000 GHz Stop Freq 1.5900000 GHz 16.1 Image: CF Step 1.5900000 GHz Span 15 MHz 0.0000000 Hz Res BH S1 kHz •VBM 160 kHz Sweep 17.4 ms (1001 pts) Signal Track Carrier Power 3.000 MHz 1.000 MHz -28.58 -21.85 Signal Track 3.00000 MHz 1.000 MHz -45.78 -28.58 -47.05 -21.85 On Off	Ch Freq 1.9135 GHz Trig Freq 1.9135000 GHz Adj Channel Power PASS 1.91350000 GHz 1.91350000 GHz Start Freq AP2020.5.18.10646.Temp B *Atten 40 dB *Hug Start Freq 1.9060000 GHz Log *Atten 40 dB *Hug Freq 1.9060000 GHz Start Freq 10 #Hug PASS LIMIT1 Instructure Instructure Stop Freq 10 Instructure Stop Freq 1.9060000 GHz Stop Freq 10 Instructure Instructure Instructure Instructure 10 Instructure Instructure Instructure Instructure 10 Instructure Instructure Instructure Instructure 10 Instructure Instructure Instructure Instructure Instructure 10 Instructure Instructure Instructure Instructure Instructure Instructure 10 Instructure Instructure Instructure Instructure Instructure Instruct

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* Agilent 23:35:54 May 20, 2020 L Freq/Channel	* Agilent 23:39:09 May 20, 2020 L Freq/Channel
Ch Freq 1.8525 GHz Trig Free Center Freq 1.85250000 GHz Adj Channel Power PPRS	Ch Freq 1.9125 GHz Trig Free 1.91250000 GHz Adj Channel Power PRSS Center Freq 1.91250000 GHz 1.91250000 GHz
AP2020.5.18.10646,Temp B	AP2020.5.18.10646.Temp B
Ref 39 dBm •Atten 40 dB •Nyg PASS LIMIT1 1.86600000 GHz	Ref 39 dBm •Atten 40 dB •Avg PR\$S Stop Freq 1.92000000 GHz
10 dB/ Offst CF Step 1.5000000 MHz	10 dB/ 0ffst
	16.1 dB Cruce 1.010 F00 Classical Anti-Constant Anti-Con
eRes BW 51 kHz = VBW 160 kHz Sweep 17.4 ms (1001 pts) FNS Desults Enco Officer Pot PUt dPL Lover dPut dPL UPPer dPut Signal Track	Results Econ Officer Port Bull, divertides, diver
Carrier Power 4,688 MHz 1,686 MHz -57,61 - 37,68 - 37,68 - 37,68 - 52,69 - 35,98 - 52,69 - 35,98 - 52,69 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 35,98 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,09 - 52,	Cerrier Power 4,000 MHz 1.000 MHz -63.16 -37.14 -61.34 -35.32 0n 0H 26.02 dBm / 5.00000 MHz
UL:10646 \R Date:04/23/2020 \ CLT:2.8.3	UL:10646 \R Date:04/23/2020 \ CLT:2.8.3
LTE B25 5MHz QPSK Low Channel RB1-0	LTE B25 5MHz QPSK High Channel RB1-24
* Agilent 23:37:26 May 20, 2020 L Freq/Channel	Agilent 23:38:45 May 20, 2020 L Freq/Channel
Ch Freq 1.8525 GHz Trig Free 1.8525000 GHz	* Agilent 23:38:45 May 20, 2020 L Freq/Channel Ch Freq 1.9125 GHz Center Freq Ch Freq 1.9125 GHz Center Freq
Ch Freq 1.8525 GHz Trig Free 1.85250000 GHz Adj Channel Power PASS Start Freq 1.85250000 GHz	Agilent 23:38:45 May 20, 2020 L Freq/Channel Ch Freq 1.9125 GHz Trig Free Adj Channel Power PASS Start Freq 1.91250000 GHz 1 90590000 GHz 1.91250000 GHz
Ch Freq 1.8525 GHz Trig Free 1.85250000 GHz Adj Channel Power PRSS Start Freq 1.84500000 GHz Ref 39 dBm •Atten 40 dB •Atten 40 GB •Atten 40 GHz	Agilent 23:38:45 May 20, 2020 L Freq/Channel Ch Freq 1.9125 GHz Trig Free Adj Channel Power PASS Start Freq 1.91250000 GHz Ref 39 dBm •Atten 40 dB •Atten 40 dB •Atten 40 dB
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* Agilent 23:44:13 May 20, 2020 L Freq/Channel	Agilent 23:40:55 May 20, 2020 L Freq/Channel
Ch Freq 1.855 GHz Trig Free Center Freq Adj Channel Power PASS 1.85500000 GHz 1.85500000 GHz	Ch Freq 1.91 GHz Trig Free 1.9100000 GHz
AP2020.5.18.10646.Temp B	AP2020.5.18.10646,Temp B
Ref 39 dBm •Atten 40 dB •Avg PRSS LIMIT1	Ref 33 dBm •Atten 40 dB •Atvg PASS LIMIT1 1.92500000 6Hz
10/ dB/ Offst	10 dB/ Offst 161 400000000 MHz Auto Man
dB Freq Offset	dB Freq Offset
Res BW 51 kHz = VBW 160 kHz Sweep 34.8 ms (1001 pts) RBK Results Eren Offener Por Fbl. dR. Lover dBm. dbp. Upper dBm. Signal Track	Center 1.910 00 GHz Span 30 MHz 0.00000000 H2 #Res BW 51 kHz #VBW 160 kHz Sweep 34.8 ms (1001 pts) Signal Track RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Off
Carrier Pover 6.598 HHz 1.809 HHz -61.48 -95.69 -83.83 -97.42 On OH 26.49 dBav 8.775 HHZ 1.809 HHz -61.49 -95.09 -83.83 -97.42 On OH 18.09090 MHz 1.328 HHZ 1.809 HHz -58.44 -32.83 -63.36 -36.95 Image: Second S	Carrier Pover 6,500 MHz 1,000 MHz -64.63 -38.25 -60.71 -34.32
UL:10646 \R Date:04/23/2020 \ CLT:2.8.3	UL:10646 \R Date:04/23/2020 \ CLT:2.8.3
LTE B25 10MHz QPSK Low Channel RB1-0	LTE B25 10MHz QPSK High Channel RB1-49
* Agilent 23:47:28 May 20, 2020 L Freq/Channel	Aglient 23:46:44 May 20, 2020 L Freq/Channel
* Agilent 23:47:28 May 20, 2020 L Freq/Channel Ch Freq 1.855 GHz Trig Free Center Freq Adj Channel Power PRSS 1.85500000 GHz	
Ch Freq 1.855 GHz Trig Free Center Freq 1.85500000 GHz Adj Channel Power PRSS Start Freq 1.8400000 GHz 1.8400000 GHz	* Aglient 23:46:44 May 20, 2020 L Freq/Channel Ch Freq 1.91 GHz Trig Free Adj Channel Power PRSS 1.9100000 GHz Start Freq 1.89500000 GHz 1.89500000 GHz
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Ch Freq 1.855 GHz Trig Free Adj Channel Power PRSS 1.85560000 GHz 1.85560000 GHz Adj Channel Power PRSS Start Freq 1.8560000 GHz Adj Channel Power PRSS Start Freq 1.8400000 GHz Adj Channel Power PRSS Start Freq 1.8400000 GHz Adj Channel Power PRSS Start Freq 1.8400000 GHz Adj Order Adj Channel Power Start Freq 1.8400000 GHz Adj Order PRSS LIMIT1 Image: Comparison of the transformed of the transtrepresent of the transtrepresent of the transformed	** Agilent 23:46:44 May 20, 2020 L Freq/Channel Ch Freq 1.91 GHz Trig Free Adj Channel Power PRSS Center Freq AP2020.5.18,10646,Temp B *Att Freq 1.89500000 GHz Ref 33 #Other 40 dB *Att Freq 1.89500000 GHz 1.89500000 GHz 100 #Att Add *Att Freq 1.3000000 GHz 1.32500000 GHz 1.32500000 GHz 1.32500000 GHz 1.32500000 GHz *Att Freq 1.30000000 Hz *Att Max 0.00000000 Hz *Att Max *Res Bk 100 KHz *VBH 300 KHz Sweep 9.067 ms (1001 pts) Ref Ses Bk 100 KHz *VBH 300 KHz *Center dBa GBc Upper dBa Carrier Power 6.598 MHz 1.080 MHz -21.25 -47.18 -22.36 On 24.82 dBa / 1.080 MHz
Ch Freq 1.855 GHz Trig Free Center Freq Adj Channel Power PASS I.85500000 GHz I.85500000 GHz Adj Channel Power PASS Start Freq I.8500000 GHz AP2020.5.18.10646.Temp B •Atten 40 dB I.8400000 GHz I.8400000 GHz Ref 33 dBm •Atten 40 dB I.8400000 GHz I.8400000 GHz 10 AB/ I.855 00 GHz I.800000 GHz 16.1 I.6.1 Genter 1.855 00 GHz Span 30 MHz *Res BH 100 KHz •VBH 300 KHz Sweep 9.067 ms (1001 pts) Signal Track Res Res ILS preq Offset Ref BM dB Lower dBm db Upper dBm Carrier Power 5.680 Hz -55.44 - 49.80 - 24.40 On Off	** Agilent 23:46:44 May 20, 2020 L Freq/Channel Ch Freq 1.91 GHz Trig Free Adj Channel Power PRSS 1.91000000 GHz 1.91000000 GHz AP2020.5.18,10646,Temp B **Itten 40 dB **Itten 40 dB Start Freq 1.91000000 GHz **Itten 40 dB **Itten 40 dB Stop Freq 1.92500000 GHz 3.0000000 GHz 1.92500000 GHz 1.92500000 GHz Stop Freq 1.92500000 GHz 1.92500000 GHz **Itten 40 dB **Itten 40 dB B **Itten 40 dB **Itten 40 dB Corrist Preq .00000000 Hz 1.92500000 Hz **Itten 40 dB Freq Offst .00000000 Hz 1.92500000 Hz **Itten 40 dB #Res Bk 100 GHz **VBH 300 KHz Sweep 9.067 ms (1001 pts) Res Bk 100 kHz *VBH 300 KHz Sweep 9.067 ms (1001 pts) Res Results Freq Offset Ref BH dBc Lower dBm dBc Upper dBm Carrist Power 5.560 Httg1060 MHz -46.87 -21.25 -47.14 -22.85 On
Ch Freq 1.855 GHz Trig Free Adj Channel Power PRSS 1.85560000 GHz 1.85560000 GHz Adj Channel Power PRSS Start Freq 1.8560000 GHz AP2020.5.18.10646.Temp B •Atten 40 dB 1.8400000 GHz Start Freq Log •Atten 40 dB •Atten 40 dB 1.8400000 GHz Offst •Atten 40 dB •Atten 40 dB 1.8400000 GHz 10 •Atten 40 dB •Atten 40 dB 1.8700000 GHz 110 •Atten 40 dB •Atten 40 dB 1.8700000 GHz 10 •Atten 40 dB •Atten 40 dB •Atten 40 dB *Atten 40 dB •Atten 40 dB •Atten 40 dB •Atten 40 dB *Atten 40 dB •Atten 40 dB •Atten 40 dB •Atten 40 dB *Atten 40 dB •Atten 40 dB •Atten 40 dB •Atten 40 dB Center 1.355 00 GHz •Span 30 MHz •Atten 40 dB •Atten 40 dB Center 1.355 00 GHz •VBH 300 KHz Sweep 9.067 ms (1001 pts) Signal Track 0n Carrier Power 6.508 MHz 1.808 MHz -58.44 -25.44 -49.80 <t< td=""><td>** Agilent 23:46:44 May 20, 2020 L Freq/Channel Ch Freq 1.91 GHz Trig Free Adj Channel Power PRSS Center Freq AP2020.5.18,10646,Temp B *Att Freq 1.89500000 GHz Ref 33 #Other 40 dB *Att Freq 1.89500000 GHz 1.89500000 GHz 100 #Att Add *Att Freq 1.3000000 GHz 1.32500000 GHz 1.32500000 GHz 1.32500000 GHz 1.32500000 GHz *Att Freq 1.30000000 Hz *Att Max 0.00000000 Hz *Att Max *Res Bk 100 KHz *VBH 300 KHz Sweep 9.067 ms (1001 pts) Ref Ses Bk 100 KHz *VBH 300 KHz *Center dBa GBc Upper dBa Carrier Power 6.598 MHz 1.080 MHz -21.25 -47.18 -22.36 On 24.82 dBa / 1.080 MHz</td></t<>	** Agilent 23:46:44 May 20, 2020 L Freq/Channel Ch Freq 1.91 GHz Trig Free Adj Channel Power PRSS Center Freq AP2020.5.18,10646,Temp B *Att Freq 1.89500000 GHz Ref 33 #Other 40 dB *Att Freq 1.89500000 GHz 1.89500000 GHz 100 #Att Add *Att Freq 1.3000000 GHz 1.32500000 GHz 1.32500000 GHz 1.32500000 GHz 1.32500000 GHz *Att Freq 1.30000000 Hz *Att Max 0.00000000 Hz *Att Max *Res Bk 100 KHz *VBH 300 KHz Sweep 9.067 ms (1001 pts) Ref Ses Bk 100 KHz *VBH 300 KHz *Center dBa GBc Upper dBa Carrier Power 6.598 MHz 1.080 MHz -21.25 -47.18 -22.36 On 24.82 dBa / 1.080 MHz

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* Agilent 23:53:02 May 20, 2020 L Freq/Channel	Agilent 23:51:48 May 20, 2020 L Freq/Channel
Ch Freq 1.8575 GHz Trig Free 1.85750000 GHz Adj Channel Power PRSS Center Freq 1.85750000 GHz 1.85750000 GHz	Ch Freq 1.9075 GHz Trig Free Center Freq Adj Channel Power PRSS 1.90750000 GHz 1.90750000 GHz
Start Freq HP2020.5.18.10646,Temp B	Start Freq 1.88500000 GHz
Ref 39 dBm •Atten 40 dB •Avg PRSS LIMIT1	Ref 39 dBm +Atten 40 dB +Avg PASS LIMIT1 1 1.93000000 GHz
10 dB/ 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst 0ffst	10/ dB/ Offst 4.5000000 Miz
16.1 dB	16.1 dB
Center 1.857 500 GHz Span 45 MHz 0.000000000 Hz •Res BW 51 kHz •VBW 160 kHz Sweep 52.13 ms (1001 pts)	Center 1.907 500 GHz Span 45 MHz 0.000000000 Hz •Res BW 51 kHz •VBW 160 kHz Sweep 52.13 ms (1001 pts)
RMS Results Freq Offset Ref Bil dBc Lower dBm dBc Upper dBm Signal Track Carrier Power 9,000 MHz 1,000 MHz -60,88 -34,77 -64,40 -38,28 -37,91 25,12 dBm 1 3,28 MHz 1,000 MHz -57,71 -31,60 -64,03 -37,91 15,0000 MHz 19,35 MHz 1,000 HHz -58,28 -32,28 -52,82 -36,51	RMS Results Freq Offset Ref Bul dBc Lower dBm dBc Upper dBm Signal Track Carrier Power 9.000 MHz 1.000 MHz -65.15 -39.34 -61.70 -35.89 On Off 15.0000 MHz 15.0000 MHz 15.0000 MHz -61.70 -35.89 On Off
13,000 1 m2	13.0000 1112
UL:10646 \R Date:04/23/2020 \ CLT:2.8.3	UL:10646 \R Date:04/23/2020 \ CLT:2.8.3
LTE B25 15MHz QPSK Low Channel RB1-0	LTE B25 15MHz QPSK High Channel RB1-74
* Agilent 23:49:41 May 20, 2020 L Freq/Channel	Agilent 23:50:21 May 20, 2020 L Freq/Channel
* Agilent 23:49:41 May 20, 2020 L Freq/Channel Ch Freq 1.8575 GHz Trig Free 1.85750000 GHz Adj Channel Power PRSS 1.85750000 GHz	
Center Freq Ch Freq 1.8575 GHz Trig Free 1.85750000 GHz	* Agilent 23:50:21 May 20, 2020 L Freq/Channel Ch Freq 1.9075 GHz Center Freq 1.9075 GHz Trig Free
Ch Freq 1.8575 GHz Trig Free Center Freq 1.8575000 GHz Adj Channel Power PASS 1.85750000 GHz 1.85750000 GHz Adj Channel Power PASS 1.85750000 GHz AP2020.5.18.10646,Temp B 1.83500000 GHz Ref 33 dBm •Atten 40 dB PASS LIMIT1 1.8800000 GHz	Agilent 23:50:21 May 20, 2020 L Freq/Channel Ch Freq 1.9075 GHz Trig Free Adj Channel Power PRSS 1.90750000 GHz AP2020.5.18,10646,Temp B start Freq 1.88500000 GHz Ref 39 dBm *Atten 40 dB start Freq HAY PRSS 1.90750000 GHz
Ch Freq 1.8575 GHz Trig Free Center Freq 1.8575000 GHz Adj Channel Power PASS Image: Center Freq 1.85750000 GHz Start Freq 1.8576000 GHz Start Freq 1.850000 GHz Start Freq 1.8350000 GHz Image: Center Freq 1.8350000 GHz Start Freq 1.8350000 GHz Image: Center Freq 1.8350000 GHz Image: Center Freq 1.8350000 GHz Image: Center Freq 1.835000 GHz Image: Center Freq 1.83500 GHz Image	Agilent 23:50:21 May 20, 2020 Freq/Channel Ch Freq 1.9075 GHz Trig Free Adj Channel Power PRSS 1.90750000 GHz Start Freq AP2020.5.18,10646,Temp B *Atten 40 dB Stop Freq 1.88500000 GHz Ref 39 dBm *Atten 40 dB Stop Freq 1.9300000 GHz 10 GB CF Step 1.9000000 Hz 1.93000000 Hz
Ch Freq 1.8575 GHz Trig Free 1.8575000 GHz Adj Channel Power PASS Start Freq 1.85750000 GHz Start Freq AP2020.5.18.10646,Temp B eAtter 40 dB 85000 GHz Start Freq 1.8350000 GHz PAyg PRSS LIMIT1 10 1.8350000 GHz 1.830000 GHz 10 Graduation Graduation 1.8000000 GHz 1.8000000 GHz 10 Graduation Graduation Graduation 1.8000000 GHz 10 Graduation Graduation Graduation 1.8000000 GHz 10 Graduation Graduation Graduation Graduation 11 Graduation Graduation Graduation Graduation	Agilent 23:50:21 May 20, 2020 Freq/Channel Ch Freq 1.9075 GHz Trig Free Adj Channel Power PRSS 1.90750000 GHz Start Freq AP2020.5.18,10646, Temp B *Atten 40 dB Start Freq 1.88500000 GHz Brog PRSS IMIT1 Image: Start Freq 1.90750000 GHz CF Step 4.5000000 GHz Stop Freq 1.9300000 GHz Ich Freq Offset Image: Stop Freq 1.9300000 GHz Ich Freq Offset Image: Stop Freq 1.9300000 GHz
Ch Freq 1.8575 GHz Trig Free Adj Channel Power PASS I.85750000 GHz 1.85750000 GHz Adj Channel Power PASS Start Freq 1.8350000 GHz Afreq Attent 40 dB Stop Freq 1.8350000 GHz Bog Offst Image: Stop Freq 1.8000000 GHz Action of the stop	** Agilent 23:50:21 May 20, 2020 L Freq/Channel Ch Freq 1.9075 GHz Trig Free Adji Channel Power PRSS 1.90750000 GHz Start Freq AP2020.5.18,10646,Temp B *Atten 40 dB *Atten 40 dB Start Freq *Aya *Atten 40 dB *Gray Stop Freq 1.9300000 GHz 1.9300000 GHz 1.9300000 GHz 161 *Atten 40 dB *Gray Stop Freq 1.9300000 GHz *Gray Stop Freq 1.9300000 GHz 161 *Gray Freq Offset 0.9000000 Hz 161 *Gray Span 45 MHz 0.9000000 Hz *Res BH 150 KHz *VBH 470 KHz Sweep 6.067 ms (1001 pts) Signal Track RMS Results Freq Offset Ref BH dBc Upwer dBm Signal Track
Ch Freq 1.8575 GHz Trig Free Adj Channel Power PASS I.85750000 GHz I.85750000 GHz Adj Channel Power PASS Start Freq I.85750000 GHz AP2020.5.18.10646,Temp B eAtten 40 dB I.8350000 GHz Start Freq Ref 33 dBm eAtten 40 dB IIIIII IIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	* Aglient 23:50:21 May 20, 2020 L Freq/Channel Ch Freq 1.9075 GHz Trig Freq Adj Channel Power PASS Start Freq 1.9075000 GHz Ref 39 dBm *Atten 40 dB *Atten 40 dB Start Freq Hay PASS LIMIT1 Image: Comparison of the start freq 1.88500000 GHz B/ Offst Image: Comparison of the start freq 1.88500000 GHz B/ Offst Image: Comparison of the start freq 1.9300000 GHz B/ Offst Image: Comparison of the start freq 1.9300000 GHz B/ Image: Comparison of the start freq 1.9300000 GHz 1.9300000 GHz I.6.1 Image: Comparison of the start freq 1.9300000 GHz 1.9300000 GHz I.6.1 Image: Comparison of the start freq Image: Comparison of the start freq 1.93000000 GHz I.6.1 Image: Comparison of the start freq Image: Comparison of the start freq 1.93000000 GHz I.6.1 Image: Comparison of the start freq Image: Comparison of the start freq 1.93000000 GHz I.6.1 Image: Comparison of the start freq
Ch Freq 1.8575 GHz Trig Free Adj Channel Power PASS 1.85750000 GHz 1.85750000 GHz Adj Channel Power PASS Start Freq 1.85750000 GHz Adj Channel Power PASS Start Freq 1.85750000 GHz Adj Channel Power PASS Start Freq 1.850000 GHz Adj Channel Power PASS Start Freq 1.8350000 GHz Adj Channel Power PASS LIMIT1 Image: Channel Power Stop Freq Log Dog Image: Channel Power 1.800000 GHz Adj Channel Power PASS LIMIT1 Image: Channel Power Image: Channel Power Offst Image: Channel Power Stop Freq 1.8000000 GHz Hate WBH 470 kHz Sweep G.067 ms (1001 pts) Freq Offset Center 1.857 500 GHz I.808 MHz I.808 MHz Signal Track Certier Power I.808 MHz I.808 MHz -28.35 -54.69 -29.22 On Off I 5.0080 MHz I.808 MHz I.808 MHz -53.82 -28.35 -54.69	Agilent 23:50:21 May 20, 2020 Freq/Channel Ch Freq 1.9075 GHz Trig Free Adj Channel Power PRSS 1.90750000 GHz 1.90750000 GHz AP2020.5.18,10646,Temp B **Neg PRSS Start Freq AP2020.5.18,10646,Temp B **Neg **Neg 1.83500000 GHz *Rog **Neg **Neg 1.9075 Start Freq 16.1 **Neg **Neg 1.93000000 GHz 16.1 **Neg Span 45 MHz Stop Freq 1.93000000 Hz **Neg Span 45 MHz Neg KMS Results Freq Offset **Nef BH 4Bc Log Offset Carrier Power 9.080 MHz 1.080 MHz -19.24 -19.66 Signal Track On Off Off 0.00000000000000000000000000000000000
Ch Freq 1.8575 GHz Trig Free Adj Channel Power PRSS 1.85750000 GHz 1.85750000 GHz Adj Channel Power PRSS Start Freq 1.85750000 GHz Adj Channel Power PRSS Start Freq 1.85750000 GHz Adj Channel Power PRSS Start Freq 1.850000 GHz Adj Odd •Atten 40 dB •Btop Freq 1.8350000 GHz Cog •Atten 40 dB •Btop Freq 1.8050000 GHz Offst •Atten 40 dB •Btop Freq 1.8080000 GHz Offst •Atten 40 dB •Btop Freq 1.8080000 GHz Verse Bit IS9 kHz •VBH 470 kHz Sweep 6.067 ms (1001 pts) Freq Offset Center 1.857 500 GHz •VBH 470 kHz Sweep 6.067 ms (1001 pts) Signal Track RMS Results Freq Offset •VBH 470 kHz -28.35 -54.69 -29.22 Signal Track Carrier Power •0.808 MHz -1.808 MHz -53.82 -28.35 -54.69 -29.22 Signal Track	Agilent 23:50:21 May 20, 2020 L Freq/Channel Ch Freq 1.9075 GHz Trig Free Adj Channel Power PRSS 1.90750000 GHz 1.90750000 GHz AP2020.5.18,10646,Temp B *eltten 40 dB Start Freq 1.88500000 GHz *Avg PRSS *eltten 40 dB Start Freq *Avg PRSS LIMIT1 Image: Start Freq dB *eltten 40 dB *eltten 40 dB Stop Freq 1.93000000 GHz 1.93000000 GHz 1.93000000 GHz 1.93000000 GHz dB Freq Offset Span 45 MHz Stop Freq 1.9000000 Hz RMS Results Freq Offset Ref BH dBc Lower dBm dBc Upper dBm Signal Track Carrier Power 9.080 MHz 1.908 MHz -19.24 -44.83 -19.66

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* Agilent 23:55:11 May 20, 2020 L Freq/Channel	* Agilent 23:56:27 May 20, 2020 L Freq/Channel
Ch Freq 1.86 GHz Trig Free 1.86000000 GHz Adj Channel Power PPSS 1.86000000 GHz 1.86000000 GHz	Ch Freq 1.905 GHz Trig Free Center Freq Adj Channel Power PRSS 1.90500000 GHz 1.90500000 GHz
AP2020.5.18,10646,Temp B Start Freq 1.83000000 GHz	AP2020.5.18,10646,Temp B
Ref 39 dBm •Atten 40 dB •Avg PRSS LIMIT1 Log 1.8900000 GHz	Ref 39 dBm •Atten 40 dB • •Avg PRSS LIMIT1 1 1.33500000 GHz
10 /	10 dB/ 0ffst
dB Center 1.860 00 GHz Span 60 MHz 0.00000000 Hz	dB Center 1.905 00 GHz Span 60 MHz 0.00000000 Hz
Res BM 51 kHz *VBM 160 kHz Sweep 69.53 ms (1001 pts) RHS Results Freq Offset Carrier Power 11.50 MHz Ref BW 1.800 MHz dBc Lower dBm -82.29 dBc Upper dBm -34.95 On Off 0n Off	•Res BW 51 kHz •VBW 160 kHz Sweep 69.53 ms (1001 pts) RHS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Carrier Power 11.50 MHz 1.080 MHz -64.82 -38.91 -66.41 -34.50 On Off
20.0000 MHz	20.000 MHz
UL:10646 \R Date:04/23/2020 \ CLT:2.8.3	UL:10646 \R Date:04/23/2020 \ CLT:2.8.3
LTE B25 20MHz QPSK Low Channel RB1-0	LTE B25 20MHz QPSK High Channel RB1-99
* Agilent 23:58:11 May 20, 2020 L Freq/Channel	* Agilent 23:57:04 May 20, 2020 L Freq/Channel
Ch Freq 1.86 GHz Trig Free Center Freq 1.86000000 GHz	Ch Freq 1.905 GHz Trig Free Center Freq 1.905500000 GHz Adj Channel Power PRSS
Chi Freq 1.36 GHZ Trig Free 1.86000000 GHz Adj Channel Power PASS Start Freq 1.83000000 GHz AP2020.5.18.10646,Temp B 1.83000000 GHz 1.83000000 GHz	Ch Freq 1.305 GHz Freq 1.30500000 GHz Adj Channel Power PASS 1.30500000 GHz Start Freq AP2020.5.18,10646,Temp B 1.87500000 GHz 1.87500000 GHz
Chi Freq 1.36 GHZ Trig Free 1.86000000 GHz Adj Channel Power PRSS Start Freq 1.83000000 GHz AP2020.5.18,10646.Temp B Ref 39 dBm *Atten 40 dB Stop Freq *Hvg PRSS LIMIT1 1.83000000 GHz 1.83000000 GHz	Ch Freq 1.905 GH2 Freq 1.90500000 GH2 Adj Channel Power PASS Start Freq AP2020.5.18,10646.Temp B 1.87500000 GH2 Ref 39 dBm •Atten 40 dB Stop Freq 1.93500000 GH2 1.93500000 GH2
Chi Freq 1.36 GHZ Trig Free 1.8600000 GHz Adj Channel Power PRSS Start Freq 1.8600000 GHz AP20220.5.18.10646,Temp B eAtten 40 dB Start Freq 1.83000000 GHz Ref 39 dBm eAtten 40 dB 1.83000000 GHz 1.83000000 GHz 10 CF Step 6.00000000 MHz 6.0000000 MHz 16.1 CF Step Auto Man Auto Man	Ch Freq 1.905 GH2 Frig Free 1.90500000 GH2 Adj Channel Power PRSS Start Freq 1.90500000 GH2 Start Freq AP20205.518,10646,Temp B •Atten 40 dB •Atten 40 dB Stop Freq 1.93500000 GH2 Indicating PRSS Limit T Indicating Stop Freq 1.9350000 GH2 Indicating PRSS Limit T Indicating Stop Freq 1.9350000 GH2 Indicating PRSS Limit T Indicating Stop Freq 1.93500000 GH2 Indicating PRSS Limit T Indicating Indicating Indicating Indicating PRSS Limit T Indicating Indicating Indicating Indicating PRSS Limit T Indicating Indicating Indicating Indicating PRS Limit T Indicating Indicating Indicating Indicating PRS Limit T Indicating Indicating Indicating Indicating PRS Limit T Indit Indit<
Chi Freq 1.36 GHZ Trig Free 1.8600000 GHz Adj Channel Power PRSS Start Freq 1.8600000 GHz AP20220.5.18.10646,Temp B eAtten 40 dB Start Freq 1.83000000 GHz eAy PASS IMIT1 Image: Start Freq 1.8000000 GHz 0 0 0 0 0 0 0B 0 0 0 0 0 0Fst 0 0 0 0 0 0B 0 0 0 0 0 0 0B 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Ch Freq 1.905 GHz Freq 1.90500000 GHz Adj Channel Power PRSS Start Freq 1.90500000 GHz AP20205.518,10646,Temp B •Atten 40 dB Stop Freq 1.87500000 GHz Ref 39 dBm •Atten 40 dB •Atten 40 dB Stop Freq 10 GF GF CF Step 16,1 GB GF GF 16,1 GB GF GF Center 1.905 00 GHz Span 60 MHz 0.0000000 Hz
Chi Freq 1.86 GH2 Trig Free 1.86000000 GH2 Adj Channel Power PASS Start Freq 1.86000000 GH2 AP2020.5.18.10646.Temp B Ref 33 dBm •Atten 40 dB Stop Freq 1.8000000 GH2 PASS IMIT1 Image: Stop Freq 1.8000000 GH2 Image: Stop Freq 1.8000000 GH2 10 Image: Stop Freq Image: Stop Freq 1.8000000 GH2 Image: Stop Freq 1.8000000 GH2 16.1 Image: Stop Freq Image: Stop Freq Image: Stop Freq 1.8000000 GH2 Image: Stop Freq Image:	Ch Freq 1.905 GHz Frig Freq 1.90500000 GHz Adj Channel Power PASS Start Freq 1.90500000 GHz AP20205.5.18.10646,Temp B *Atten 40 dB Start Freq 1.87500000 GHz PAy PASS LIMIT1 1.9050000 GHz 1.87500000 GHz 10 G 6.0000000 GHz 1.87500000 GHz 10/ G G CF Step 0/ G G G 0/ G G G <
Chi Freq 1.36000000 GHz Adj Channel Power PRSS 1.36000000 GHz AP2020.5.18,10646,Temp B Ref 39 dBm *Atten 40 dB 1.3000000 GHz *Byg PRSS LIMIT1 Image: Start Freq 1.3000000 GHz 10g PRSS LIMIT1 Image: Start Freq 1.3000000 GHz 16.1 Image: Start Freq Image: Start Freq 1.3000000 GHz 1.30000000 16.1 Image: Start Freq Image: Start Freq Image: Start Freq 1.80000000 GHz Image: Start Freq 1.80000000 GHz Image: Start Freq 1.80000000 GHz Image: Start Freq Image: Start Freq 1.80000000 GHz Image: Start Freq Image: Start Freq<	Ch Freq 1.905 GHz Freg 1.90500000 GHz Adj Channel Power PASS Start Freq 1.90500000 GHz AP20208.5.18,10646.Temp B *Atten 40 dB Start Freq 1.87500000 GHz *Bog *Atten 40 dB *Operation 1.90500000 GHz Start Freq 1.905 *Atten 40 dB *Operation Start Freq 1.90500000 GHz *Bog *Atten 40 dB *Operation Start Freq 1.90500000 GHz *Offst
Chi Freq 1.36000000 GHz Adj Channel Power PRSS 1.36000000 GHz AP2020.5.18,10646,Temp B Ref 39 dBm *Atten 40 dB 1.3000000 GHz *Hvg PRSS IIIIII IIIIIII IIIIIIIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Ch Freq 1.905 GHz Frig Freq 1.90500000 GHz Adj Channel Power PASS PASS Start Freq 1.87500000 GHz AP20205.5.18,10646,Temp B *Atten 40 dB *Atten 40 dB Stop Freq 1.87500000 GHz Box *Atten 40 dB *Atten 40 dB *Atten 40 dB Stop Freq 1.93500000 GHz Cog 0

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8.2.9. LTE BAND 26 EMISSION MASK (PART 90S)

LIMITS

FCC: §90.691 Emission mask requirements for EA-based systems.

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

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* Agilent 03:10:38 Jun 6, 2020 L Freq/Channel	* Agilent 03:16:57 Jun 6, 2020 L Freq/Channel
Ch Freq 819 MHz Trig Free Center Freq Adj Channel Power Averages: 10 PPRS 819,000000 MHz	Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PRSS
AP2020.5.18.19467,Temp B1 Start Freq 803.000000 MHz	Start Freq 889.000000 MHz
Ref 30 dBm •Atten 30 dB •Avg PR\$S LIMI11 Log 29.000000 MHz	Ref 30 dBm •Atten 30 dB •Avg PASS LIMIT1 A
10 dB/ Offst 16 CF Step 2.0000000 MHz <u>Auto</u> Man	10 dB/ Offst 16 CF Step 2.00000000 MHz <u>Auto</u> Man
dB Freq Offset Center 819.00 MHz Span 20 MHz	dB Freq Offset Center 819.000 MHz Span 20 MHz
Res BW 10 kHz VBW 30 kHz Sweep 604.6 ms (4000 pts) Signal Track RHS Results Freq Offset Carrier Power 5.150 MHz Ref BW 100.0 kHz dBc Lower dBm 24.54 dBc Upper dBm 0n On Off 0ff 27.12 dBm / 10.0000 MHz 100.0 kHz -51.66 -24.54 -84.48 -57.37	eRes BM 10 kHz VBM 30 kHz Sweep 604.6 ms (4000 pts) Signal Track RHS Results Freq Offset Ref BM dBc Lower dBm dBc Upper dBm On Off 27.12 dBm / 108.0 kHz -85.29 -58.17 -56.67 -29.55 On Off 18.0000 MHz 109.0 kHz -85.29 -58.17 -56.67 -29.55 On Off
Copyright 2000-2011 Agilent Technologies	Copyright 2000-2011 Agilent Technologies
LTE B26 1.4MHz QPSK Low Channel RB1-0	LTE B26 1.4MHz QPSK High Channel RB1-5
* Agilent 03:12:46 Jun 6, 2020 L Freq/Channel	* Agilent 03:14:54 Jun 6, 2020 L Freq/Channel
Ch Freq 819 MHz Trig Free Center Freq 819,000000 MHz Adj Channel Power Averages: 10 PPRS 819,000000 MHz 819,000000 MHz	Center Freq Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PRSS
AP2020.5.18,19467,Temp B1 Start Freq 803,000000 MHz	AP2020.5.18,19467,Temp B1
Ref 30 dBm •Atten 30 dB Stop Freq	Ref 30 dBm •Atten 30 dB •Avg PRSS LIMIT1 829,000000 MHz
10 dB/ 0ffst 16 CF Step 2.00000000 MHz Auto Man	10 dB/ Offst 16 CF Step 2.00000000 MHz <u>Auto</u> Man
dB Freq Offset Center 813.000 MHz Span 20 MHz	dB Center 813,000 MHz Span 20 MHz Span 20 MHz
#Res BW 15 kHz #VBW 47 kHz Sweep 267.9 ms (4000 pts) Signal Track RMS Results Freq Offset Carrier Power 5.159 MHz Ref BW 100.0 kHz -59.78 -33.42 -84.98 -57.72 26.36 dBm / - - - -34.42 - - 0ff	eRes BM 15 kHz #VBW 47 kHz Sweep 267.9 ms (4000 pts) RHS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Carrier Power 5.158 MHz 108.0 kHz -57.81 -60.90 -34.58 On Off
20.30 dbm / 10.0000 MHz	25.51 dbm / 18,0000 MHz
Copyright 2000–2011 Agilent Technologies	Copyright 2000–2011 Agilent Technologies

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* Agilent 03:30:48 Jun 6, 2020 L [Freq/Channel]	* Agilent 03:40:43 Jun 6, 2020 L Freq/Channel
Ch Freq 819 MHz Trig Free 819.00000 MHz 819.000000 MHz 819.000000 MHz	Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PASS
AP2020.5.18,19467,Temp B1	AP2020.5.18,19467,Temp B1
Ref 30 dBm •Atten 30 dB •Nvg PRSS LIMIT1 829,000000 MHz 10 10 10	Ref 30 dBm •Atten 30 dB •Avg Log PASS LIMIT1 n 829.000000 MHz 10 10 10 10
dB/ CF Step 0ffst	dB/CF Step 0ffst 16Man
dB Freq Offset Center 819.000 MHz Span 20 MHz	dB Freq Offset Center 819.000 MHz Span 20 MHz
Res BW 10 kHz VBW 30 kHz Sweep 604.6 ms (4000 pts) Signal Track RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm On Off Carrier Power 5150 MHz 100.0 kHz -48.38 -21.87 -84.23 -57.72	Res BM 10 kHz VBM 30 kHz Sweep 604.6 ms (4000 pts) Signal Track RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm On Off Carrier Power 5.150 MHz 100.0 kHz - 85.01 -58.12 -54.12 -27.24 On Off
18.0000 MHz	10.0000 MHz
Copyright 2000-2011 Agilent Technologies	Copyright 2000-2011 Agilent Technologies
LTE B26 3MHz QPSK Low Channel RB1-0	LTE B26 3MHz QPSK High Channel RB1-14
* Agilent 03:38:01 Jun 6, 2020 L Freq/Channel	* Agilent 03:38:48 Jun 6, 2020 L Freq/Channel
Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PASS	Ch Freq 819 MHz Trig Free Center Freq Adj Channel Power Averages: 10 PRSS 813.000000 MHz
AP2020.5.18.19467.Temp B1	AP2020.5.18,19467,Temp B1
Ref 30 dBm •Atten 30 dB *Hvg Log PRSS LIMIT1 829.000000 MHz 10 10 10	Ref 30 dBm •Atten 30 dB •Avg Log PASS LIMIT1 823.000000 MHz 10 0 0
dB/ Offst	dB/CF Step Offst 16Man
dB Freq Offset Center 819,000 MHz Span 20 MHz Das Bills UPU 01 Hills	dB Freq Offset Center 819,000 MHz Span 20 MHz Das Bill of hills URL 01 Hills
Res BH 30 kHz VBM 91 kHz Sweep 67.18 ms (4000 pts) Signal Track RMS Results Freq Offset Ref BH dBc Lover dBm dBc Upper dBm dBc Upper dBm Carrier Pover 5.150 MHz 100.0 kHz -56.44 -30.06 -74.70 -48.32 0n 0ff 10.0000 MHz 10.0000 MHz 100.0 kHz -56.44 -30.06 -74.70 -48.32 0n 0ff	Res BH 30 kHz VBH 91 kHz Sweep 67.18 ms (4000 pts) Signal Track RMS Results Freq Offset Ref BH dBc Lover dBm dBc Upper dBm Carrier Pover 5.150 MHz 100.0 kHz -79.05 -53.38 -55.22 -28.75 18.8000 MHz 18.000 MHz 100.0 kHz -79.05 -53.38 -55.22 -28.75
Copyright 2000–2011 Agilent Technologies	Copyright 2000-2011 Agilent Technologies
LTE B26 3MHz QPSK Low Channel RB15-0	LTE B26 3MHz QPSK High Channel RB15-0

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* Agilent 03:44:11 Jun 6, 2020 L Freq/Channel	* Agilent 04:14:10 Jun 6, 2020 L Freq/Channel
Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PASS	Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PRSS
AP2020.5.18,19467,Temp B1	AP2020.5.18,19467,Temp B1
Ref 30 dBm •Atten 30 dB •Nog Log PASS LIMIT1 829,000000 MHz 10 11 11	Ref 30 dBm +Atten 30 dB •Avg PASS LIMIT1 A 829,000000 MHz 10 0 0 0 0 0 0
dB/ Offst	dB/ CF Step 0ffst 2.0000000 MHz 16 4.000000 MHz
dB Freq Offset Center 819,000 MHz Span 20 MHz 0.00000000 Hz	dB Freq Offset Center 819,000 MHz Span 20 MHz 0,00000000 Hz
•Res BW 10 kHz VBW 30 kHz Sweep 604.6 ms (4000 pts) Signal Track RKS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm On Off Carrier Power 5150 MHz 108.0 kHz -54.57 -27.82 -84.74 -57.99 Off 26.75 dBm / -57.99 Off	Image: Weight of the second
18.8000 MHz Copyright 2000-2011 Agilent Technologies	18.8888 MHz Copyright 2000-2011 Agilent Technologies
<u> </u>	
LTE B26 5MHz QPSK Low Channel RB1-0	LTE B26 5MHz QPSK High Channel RB1-24
※ Agilent 03:47:13 Jun 6, 2020 L Freq/Channel	* Agilent 03:48:16 Jun 6, 2020 L Freq/Channel
Ch Freq 819 MHz Trig Free Adj Channel Power Adverages: 10 PASS	Ch Freq 819 MHz Trig Free Center Freq Adj Channel Power Averages: 10 PASS
AP2020.5.18,19467,Temp B1	AP2020.5.18.19467.Temp B1
Ref 30 dBm •Atten 30 dB *Hvg Log PRSS LIMIT1 829,000000 MHz 10 ////////////////////////////////////	Ref 30 dBm +Atten 30 dB *Avg PASS LIMIT1 829.000000 MHz 10 4400 MHz 829.000000 MHz
dB/ CF Step Offst 2.00000000 MHz 16 Auto Man	06/ 0ffst
Center 819.000 MHz Span 20 MHz Freq Offset 0.00000000 Hz	16 Freq 0ffset 0B Span 20 MHz Center 819,000 MHz Span 20 MHz
Res BM 51 kHz •VBM 160 kHz Sweep 23.19 ms (4000 pts) RMS Results Freq Offset Carrier Power 5.158 MHz Ref BW dBc Lower dBm dBc Upper dBm Carrier Power 5.158 MHz 180.0 kHz -56.48 -30.09 -59.25 -42.86 On	•Res BW 51 kHz •VBW 160 kHz Sweep 23.19 ms (4000 pts) RHS Results Freq Offset Ref BW dBc Lover dBm dBc Upper dBm Carrier Power 5.158 MHz 108.0 kHz -71.82 -44.52 -63.18 -36.68
10.0000 MHz	18.8080 MHz
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LTE B26 5MHz QPSK Low Channel RB25-0	LTE B26 5MHz QPSK High Channel RB25-0

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∰ Agilent 04:16:28 Jun 6, 2020 L	Freg/Channel	🔆 Agilent 04:17:42 Jun (6. 2020	L	Freg/Channel
Ch Freq 819 MHz Trig Free Adj Channel Power Averages: 10 PASS	Center Freq 819.000000 MHz		.9 MHz	Trig Free Averages: 10 PASS	Center Freq 819.000000 MHz
AP2020.5.18,19467,Temp B1	Start Freq 809.000000 MHz	AP2020.5.18,19467,Temp E	31		Start Freq 809.000000 MHz
Ref 30 dBm +Atten 30 dB •Avg PASS LIMIT1 Log 10	Stop Freq 829.000000 MHz	Ref 30 dBm #Atter #Avg Log 10	n 30 dB		Stop Freq 829.000000 MHz
dB//	CF Step 2.0000000 MHz <u>Auto</u> Man	dB/ Offst 16			CF Step 2.00000000 MHz <u>Auto</u> Man
dB Center 819.000 MHz VIII 20 HH C COLOR Span 20 MHz	Freq Offset 0.00000000 Hz	dB Center 819.000 MHz		Span 20 MHz	Freq Offset 0.00000000 Hz
Res BM 10 kHz VBW 30 kHz Sweep 604.6 ms (4000 pts) RHS Results Freq Offset Ref BM dBc Lover dBm dBc Upper dBm Carrier Power 5,150 MHz 100.0 kHz -61.64 -34.64 -82.90 -55.90 27.00 dBm / - - - - - - - - - - - - - - - - - - - - - - - - - - - - 55.90 - - - - - - - - 55.90 - - - 55.90 - - 55.90 - - 55.90 - - 55.90 - - 55.90 - - 55.90 - 55.90 - - - - - 0 - 55.90 - - 55.90 - - - - - - - <td>Signal Track ^{On <u>Off</u>}</td> <td>*Res BW 10 kHz RMS Results Freq Offset Carrier Power 5.150 MHz 26.51 dBm / ////////////////////////////////////</td> <td>VBW 30 kHz Ref BW dBc Lo 100.0 kHz -83.91</td> <td>Sweep 604.6 ms (4000 pts) wer dBm dBc Upper dBm -57.40 -62.15 -35.64</td> <td>Signal Track ^{On <u>Off</u>}</td>	Signal Track ^{On <u>Off</u>}	*Res BW 10 kHz RMS Results Freq Offset Carrier Power 5.150 MHz 26.51 dBm / ////////////////////////////////////	VBW 30 kHz Ref BW dBc Lo 100.0 kHz -83.91	Sweep 604.6 ms (4000 pts) wer dBm dBc Upper dBm -57.40 -62.15 -35.64	Signal Track ^{On <u>Off</u>}
18.000 MHz		10.0000 MHz			
Copyright 2000–2011 Agilent Technologies		Copyright 2000-2011 A	gilent Technologie	S	
LTE B26 10MHz QPSK Middle Channel RB	1-0	LTE B26 1	10MHz QPSK	Middle Channel RB	1-49
₩ Agilent 04:18:36 Jun 6	5, 2020	L	Freq/Channel		
Ch Freq 81: Adj Channel Power	9 MHz	Trig Free erages: 10 PASS	Center Freq 819.000000 MHz		
AP2020.5.18.19467.Temp B			Start Freq 809.000000 MHz		
Ref 30 dBm +Atten +Avg PASS LIMIT1	30 dB		Stop Freq 829.000000 MHz		
dB/ Offst	\$1. 997 \$477 \$699 \$699 \$699 \$699 \$699 \$699 \$6		CF Step 2.00000000 MHz Auto Man		
dB			Freq Offset		
Center 819.000 MHz •Res BW 100 kHz RMS Results Freq Offset	VBW 300 kHz Ref BW dBc Low	Span 20 MHz Sweep 6.132 ms (4000 pts) ^{er} dBm dBc ^{Upper} dBm	Signal Track		
Kita Keature Fleq Utset Carrier Power 5.158 MHz 26.48 dBm 26.48 dBm 26.08 MHz 10.0808 <	100.0 kHz -55.92	-29.51 -57.03 -30.63	On <u>Off</u>		
Copyright 2000-2011 As	gilent Technologies				
LTE B26 1	0MHz QPSK	Middle Channel RB	50-0		

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8.2.10. LTE BAND 30 ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53

(a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

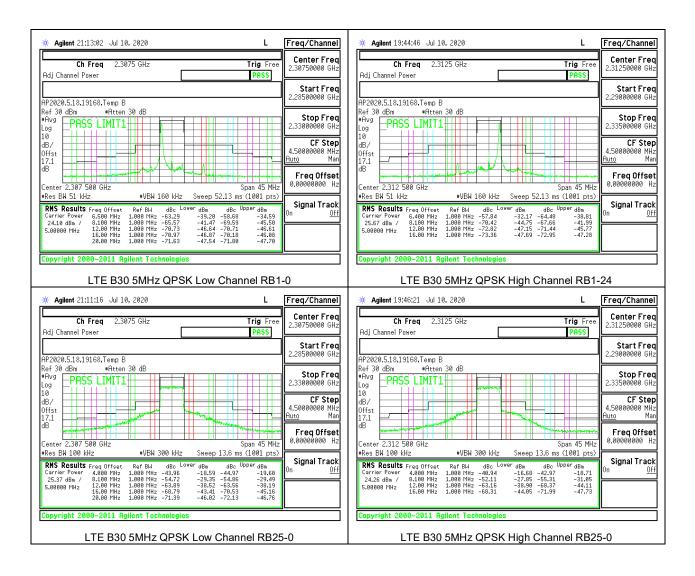
(4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:

(i) By a factor of not less than: $43 + 10 \log (P) dB$ on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2328 and 2337 MHz;

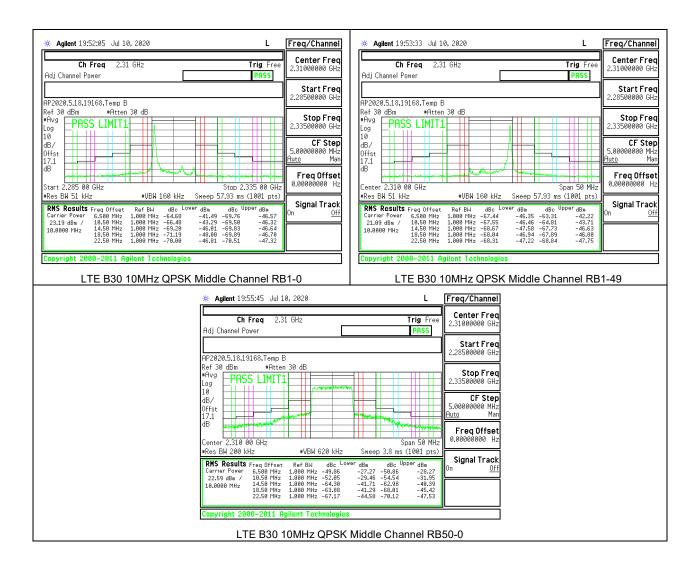
(ii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2296 and 2300 MHz, 61 + 10 log (P) dB on all frequencies between 2292 and 2296 MHz, 67 + 10 log (P) dB on all frequencies between 2288 and 2292 MHz, and 70 + 10 log (P) dB below 2288 MHz;

(iii) By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2360 and 2365 MHz, and not less than 70 + 10 log (P) dB above 2365 MHz.

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8.2.11. LTE BAND 41 AND 5G NR Band n41 ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53

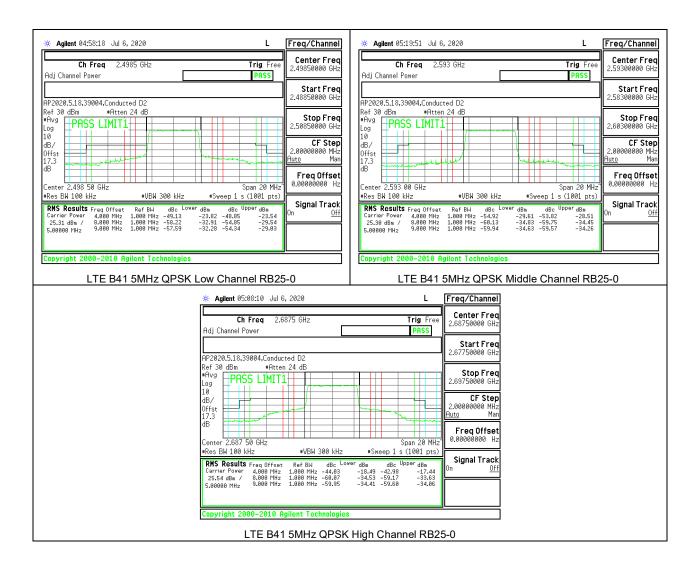
(m)(4) For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between 5 between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 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 that 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.

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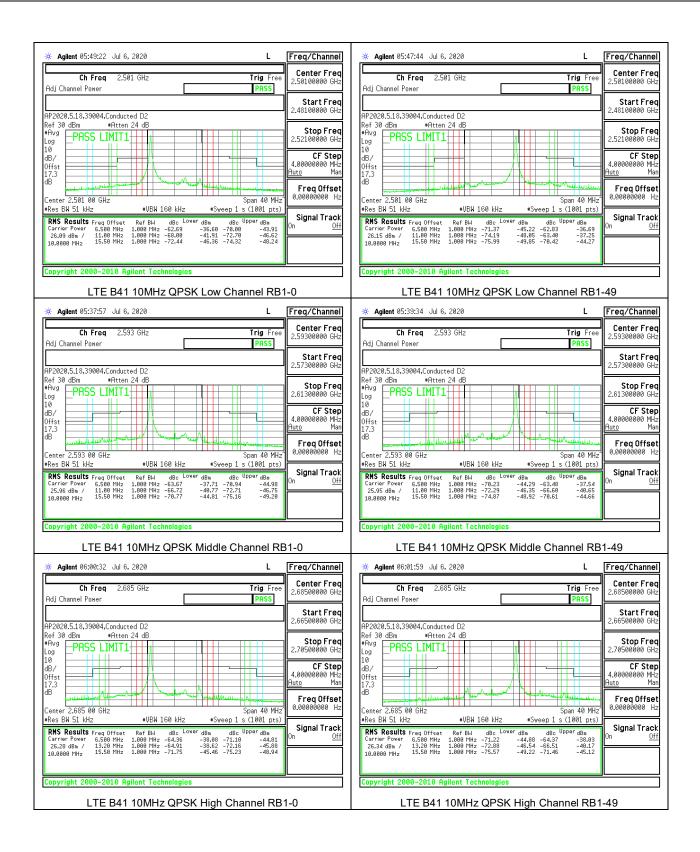
LTE BAND 41 ADJACENT CHANNEL POWER (FCC)



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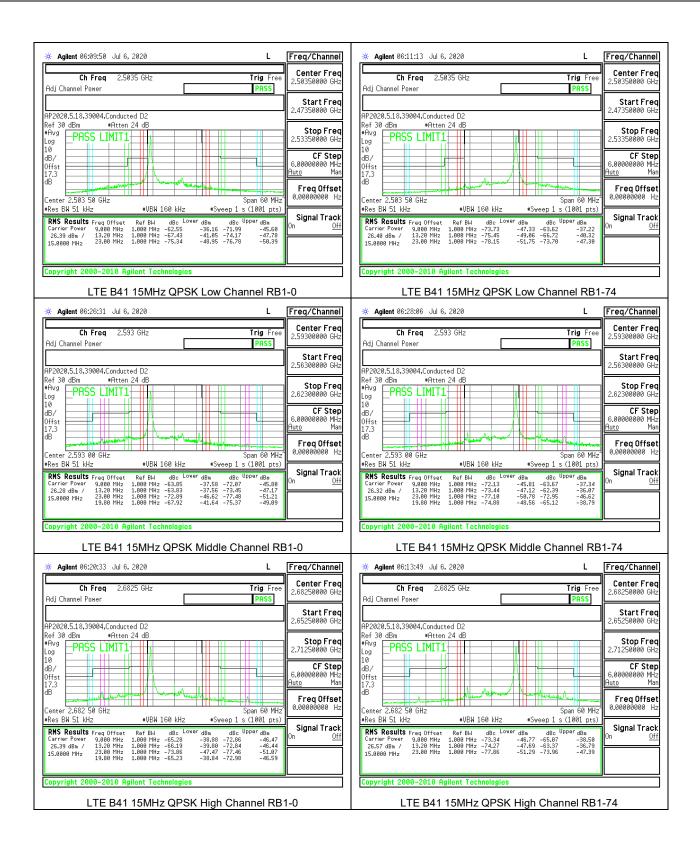


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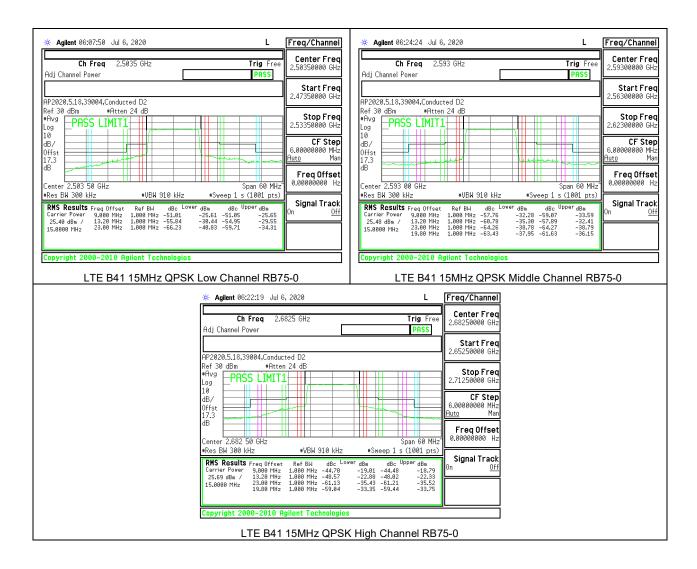


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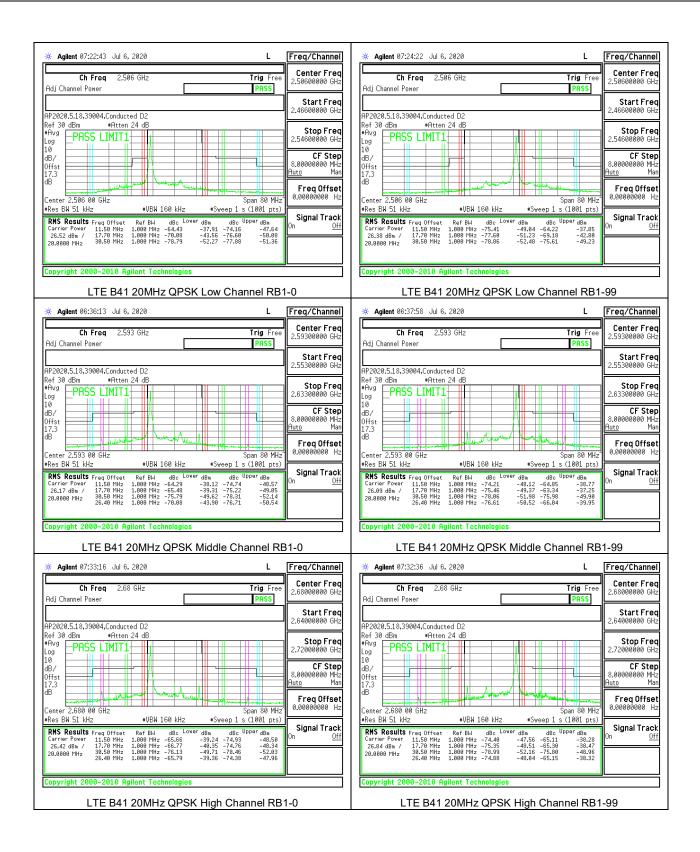


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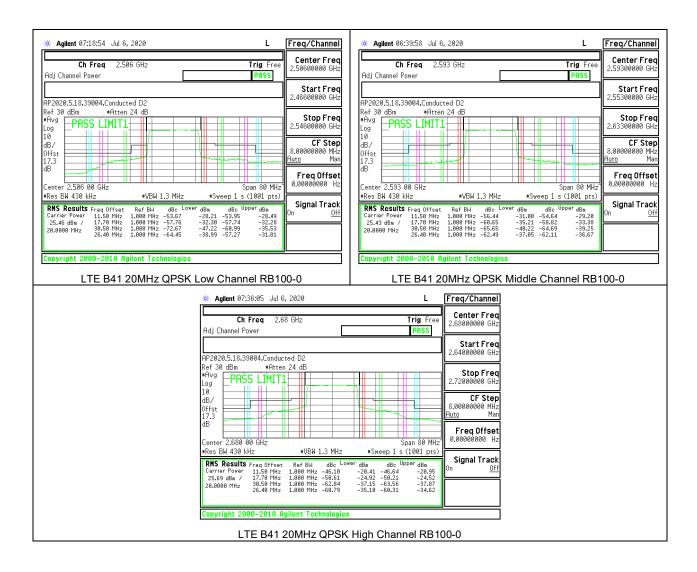


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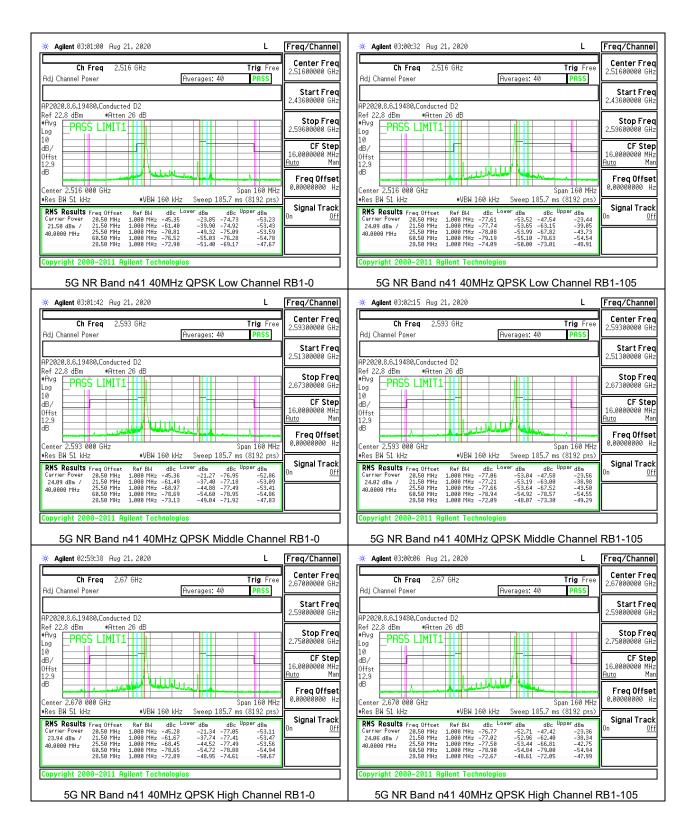
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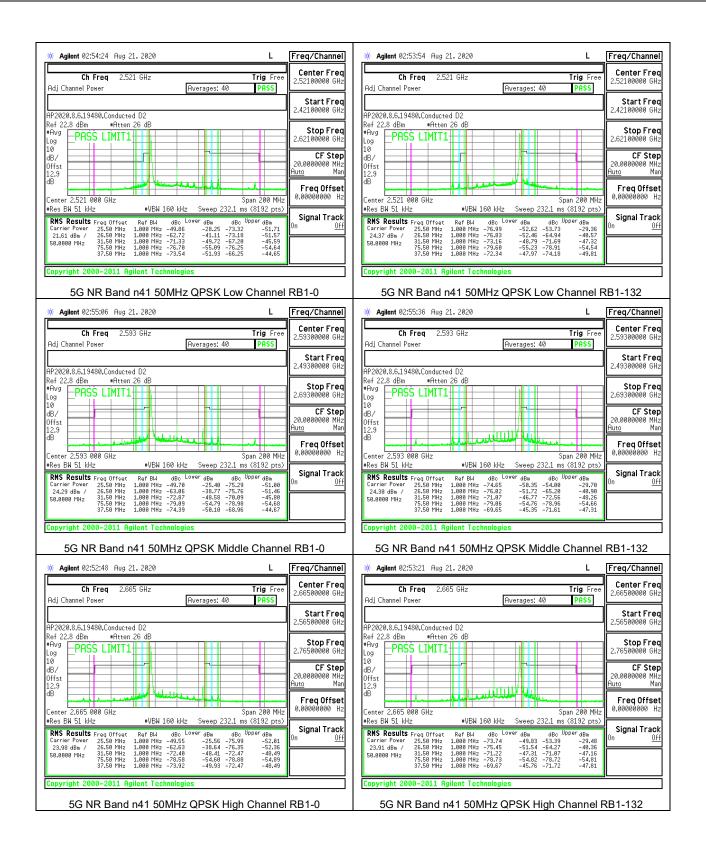
5G NR Band n41 ADJACENT CHANNEL POWER (FCC)



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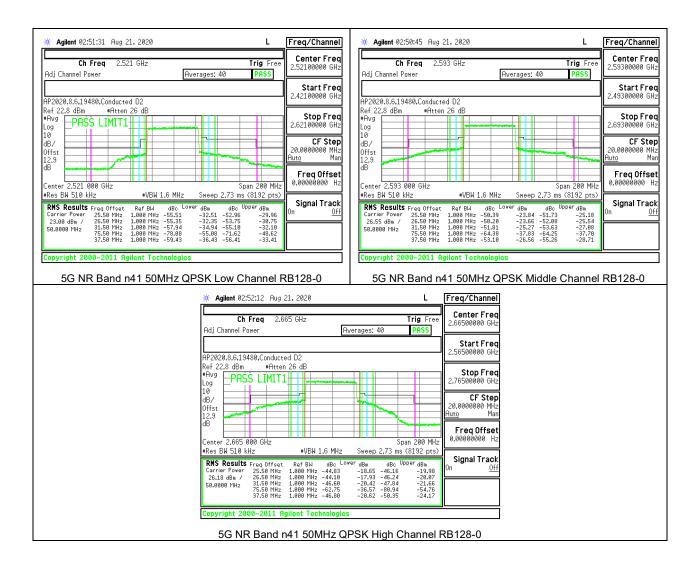


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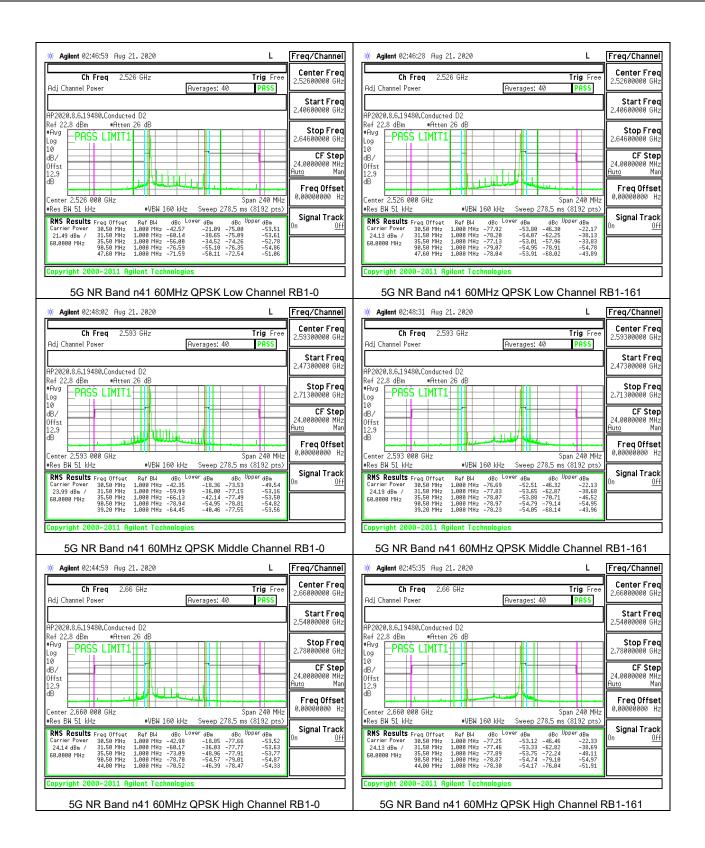


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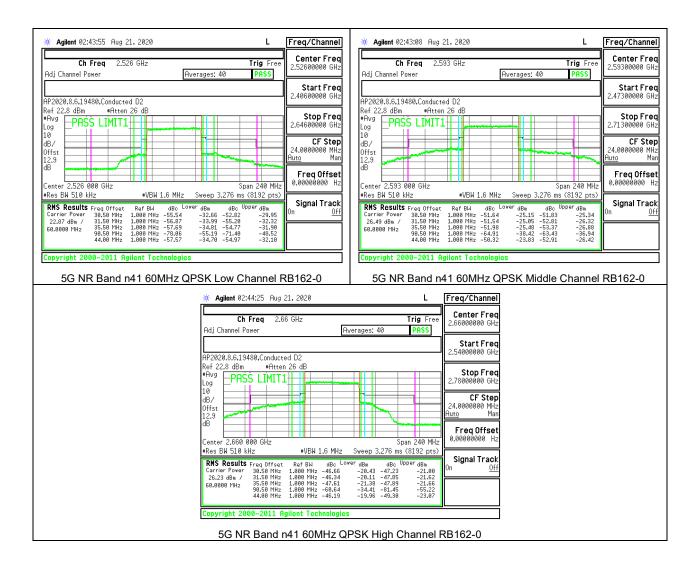


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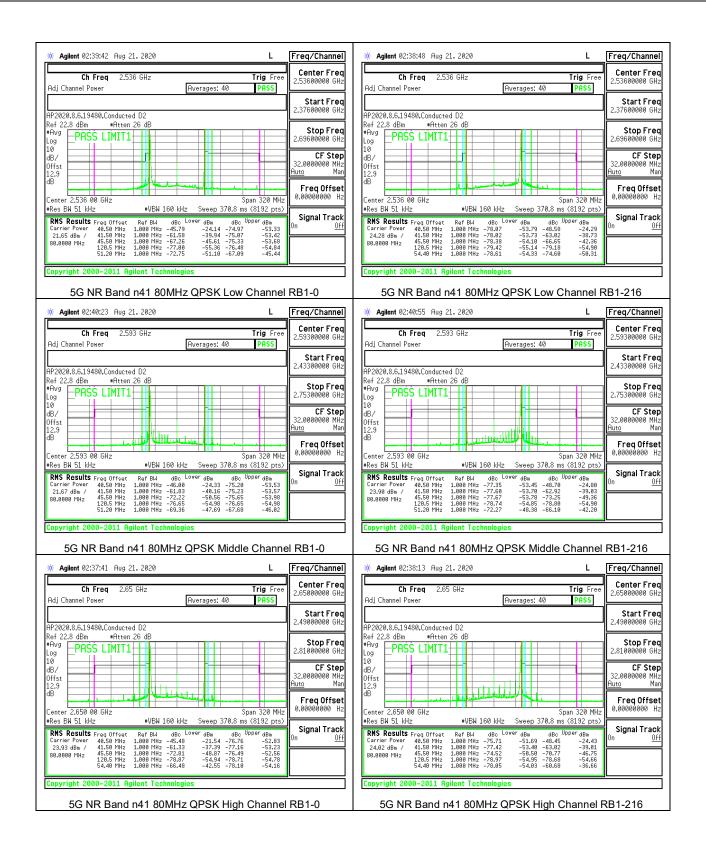


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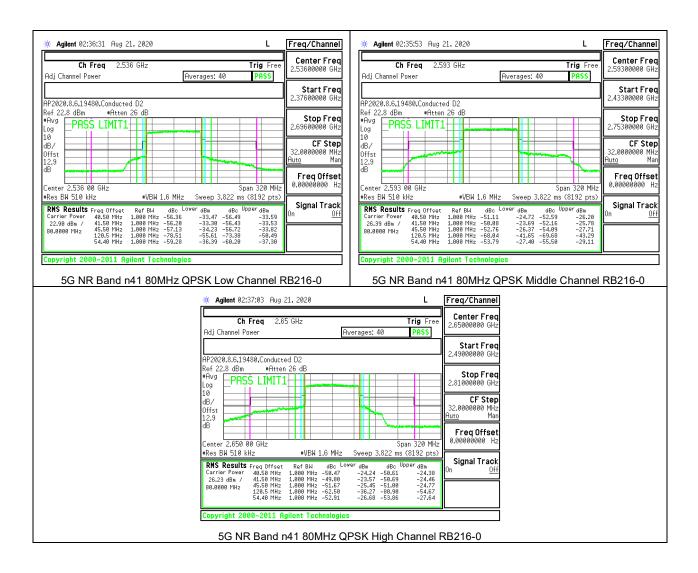


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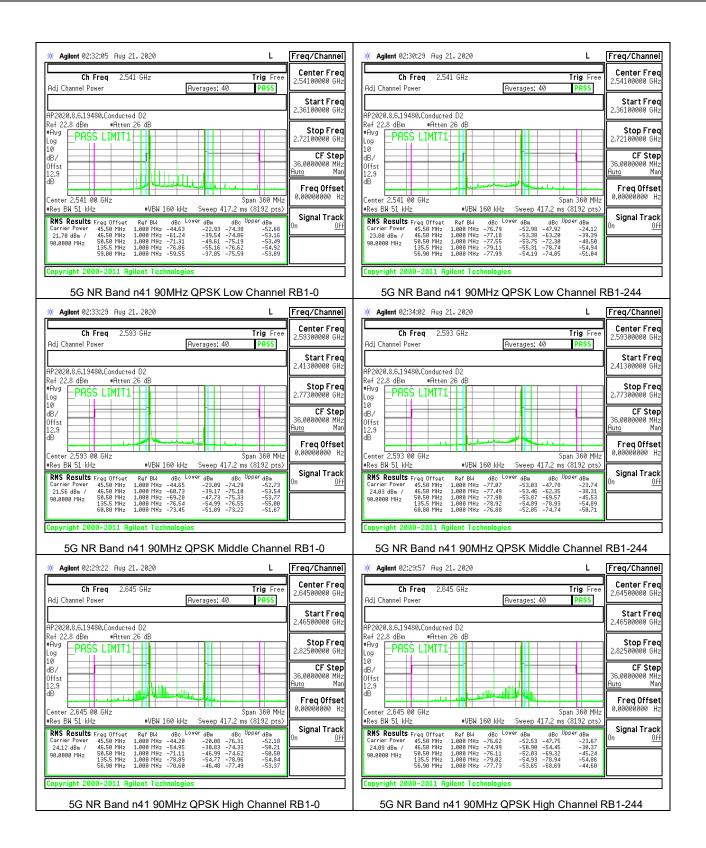


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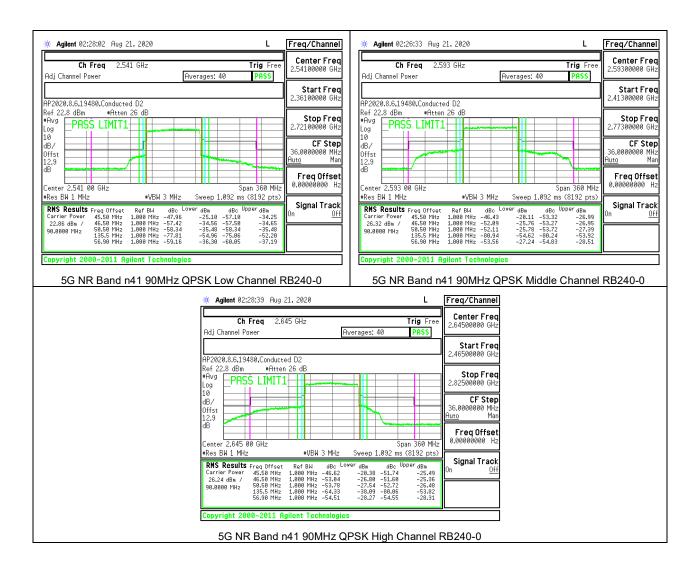


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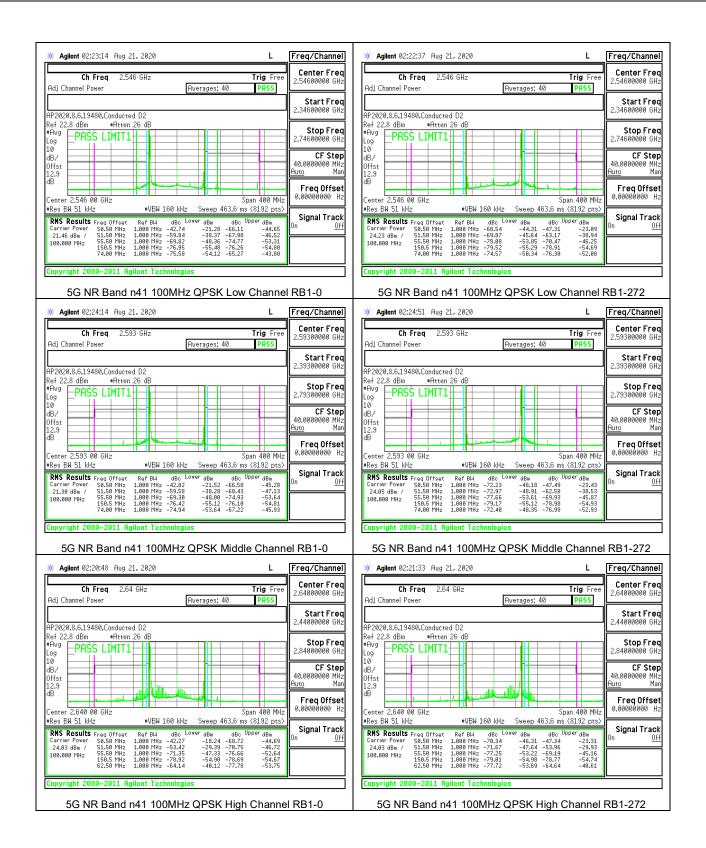


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8.2.12. LTE BAND 48 ADJACENT CHANNEL POWER

LIMITS

FCC: §96.41

(e) 3.5 GHz Emissions and Interference Limits-

(1) General protection levels

(ii) Except as otherwise specified in paragraph (e)(2) of this section, for channel and frequency assignments made by a CBSD to End User Devices, the conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed -25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

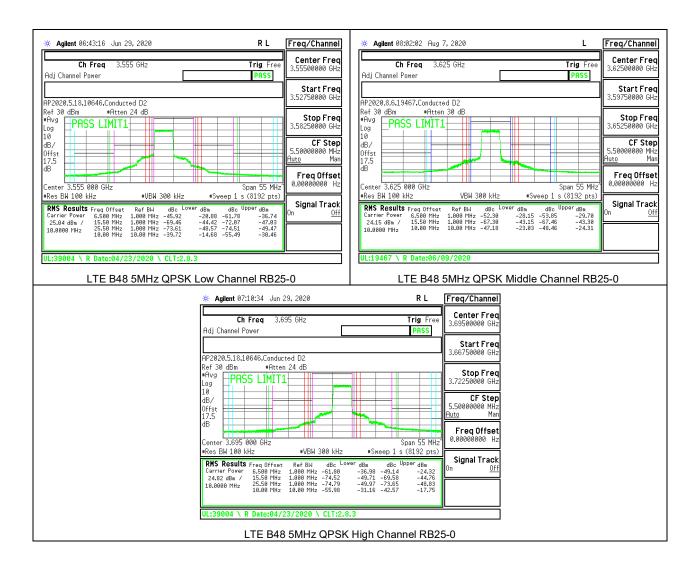
(2) Additional protection levels. Notwithstanding paragraph (e)(1) of this section, for CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

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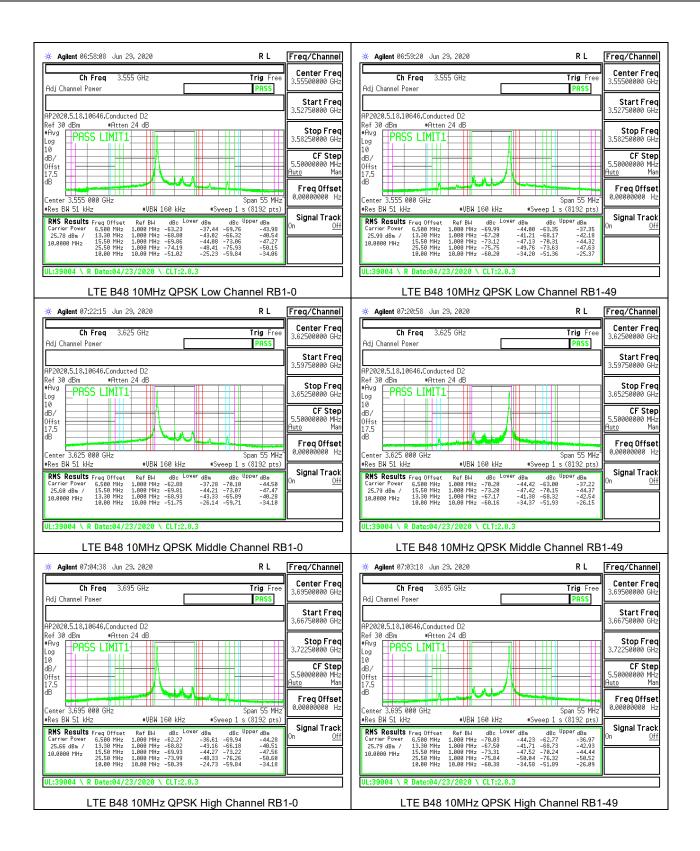
LTE BAND 48 ADJACENT CHANNEL POWER (FCC)



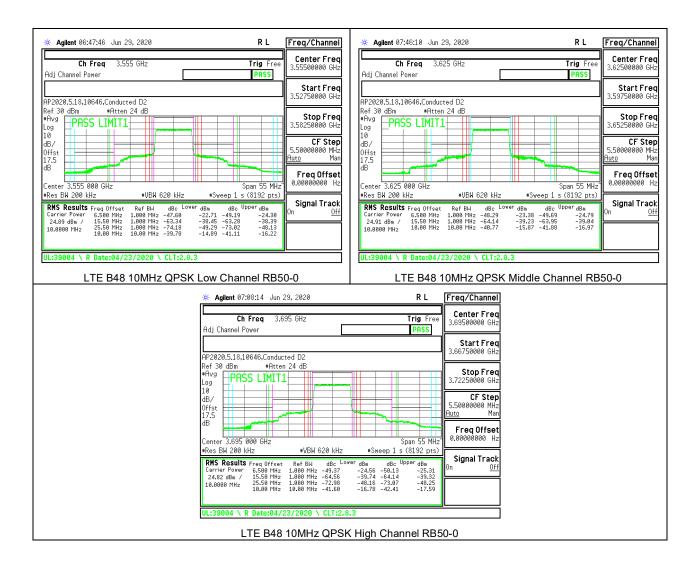
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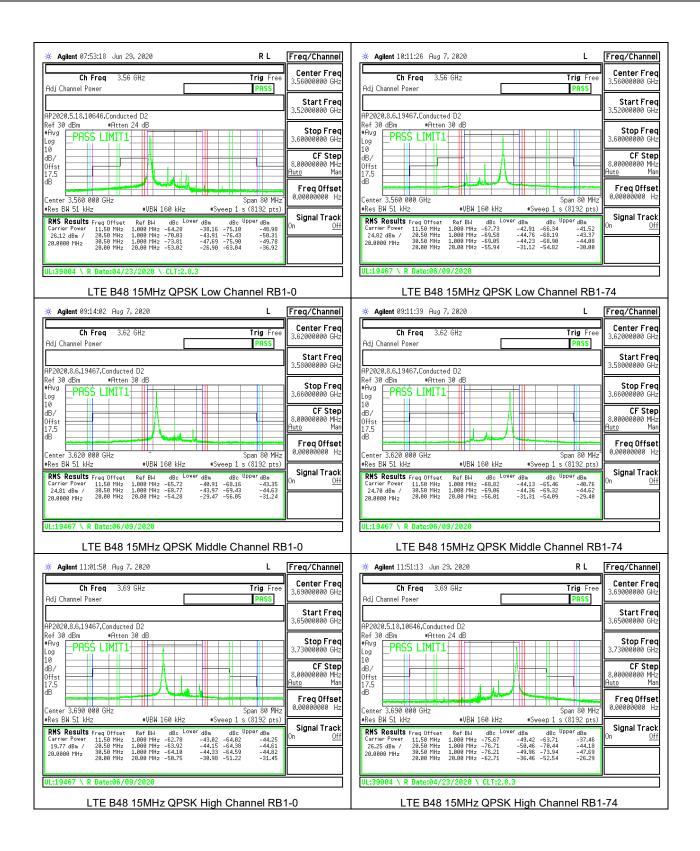
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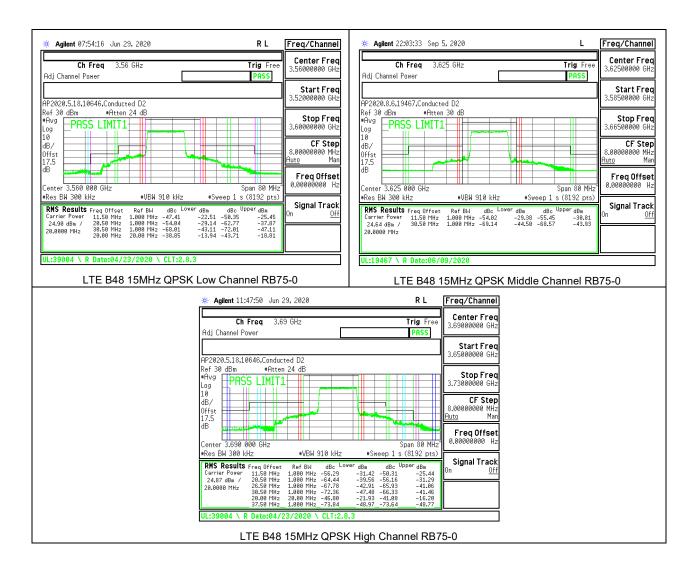
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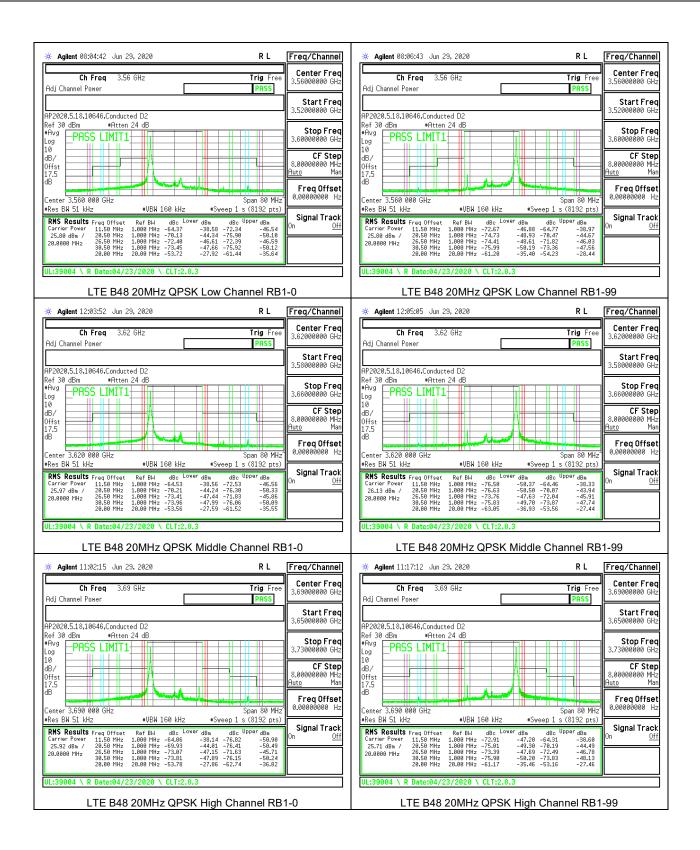
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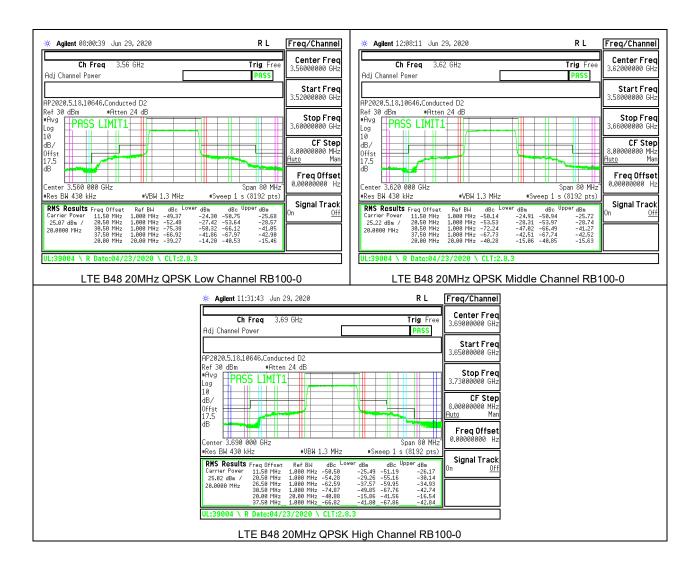
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8.2.13. LTE BAND 66 BANDEDGE

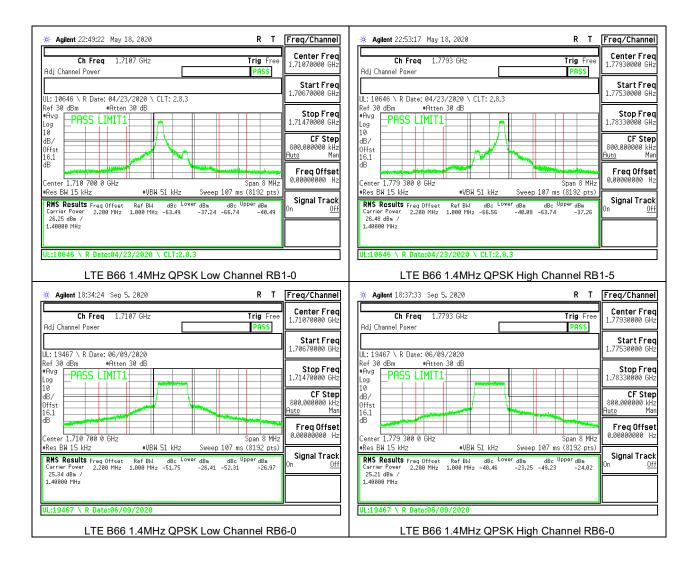
LIMITS

FCC: §27.53(h)

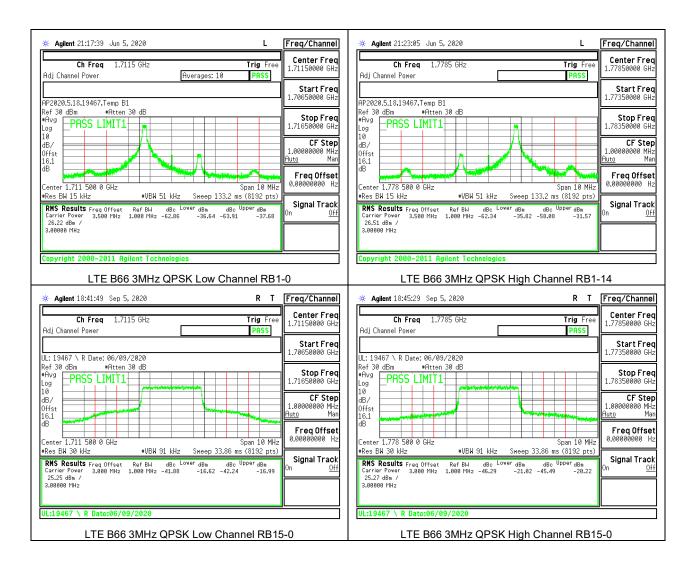
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log (P) dB.

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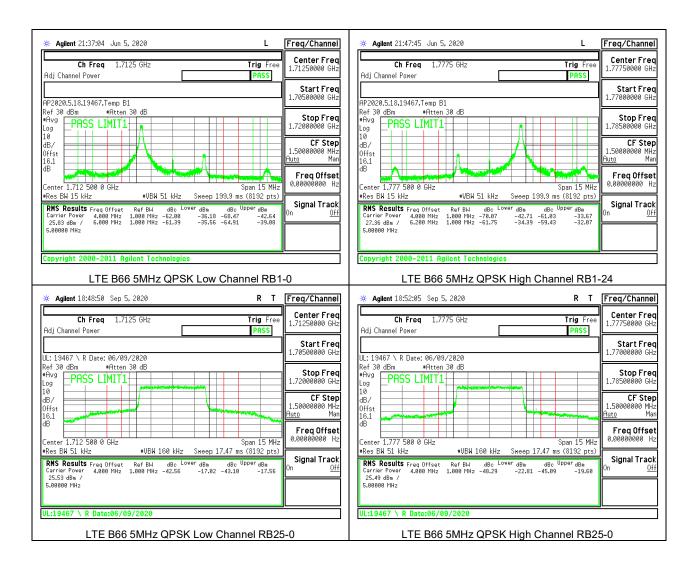
LTE BAND 66 BANDEDGE



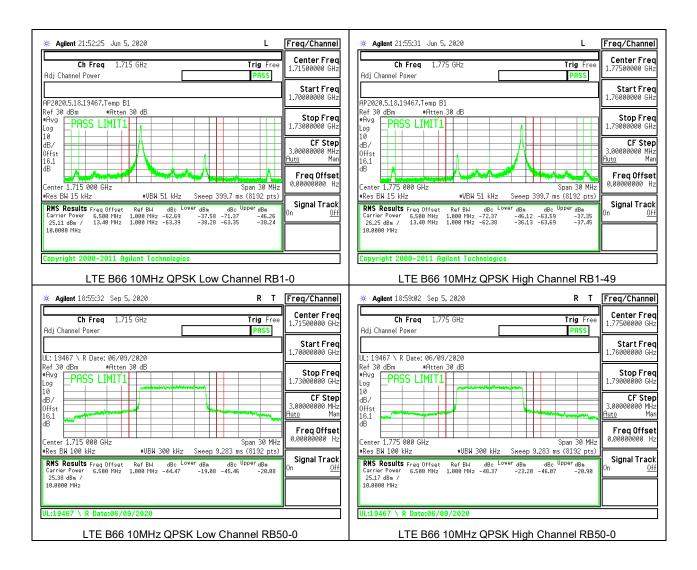
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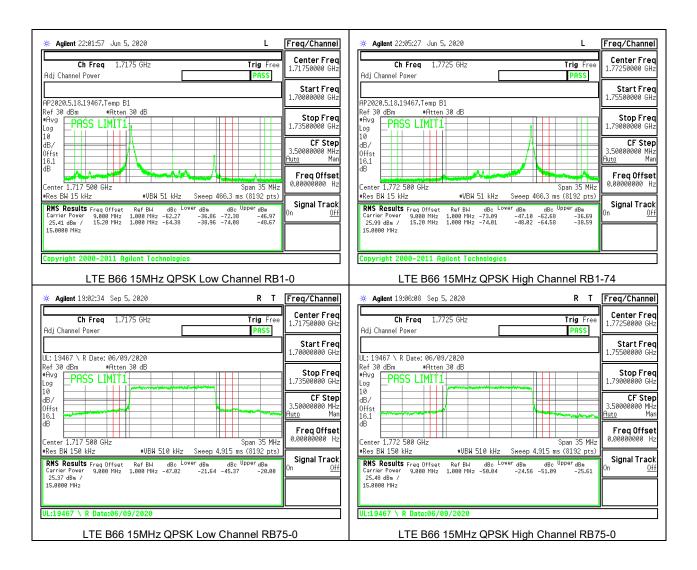
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* Agilent 22:14:08 Jun 5, 2020 L Freq/Channel	※ Agilent 22:13:15 Jun 5, 2020 L Freq/Channel
Ch Freq 1.72 GHz Trig Free Center Freq Adj Channel Power PASS 1.72000000 GHz 1.72000000 GHz	Ch Freq 1.77 GHz Trig Free Center Freq Adj Channel Power PASS
AP2020.5.18,19467,Temp B1	AP2020.5.18.19467,Temp B1
Ref 30 dBm •ftten 30 dB •ftyg PRSS LIMIT1 1.74000000 GHz	Ref 30 dBm •Atten 30 dB •Avg PRSS LIMIT1 1.79000000 GHz
10 dB/ Offst 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16.1 16	10 dB/ 0ffst 16.1 0 0 0 0 0 0 0 0 0 0 0 0 0
dB Center 1.720 000 GHz Span 40 MHz 0.00000000 Hz	dB Freq Offset Center 1.770 000 GHz Span 40 MHz 0.00000000 Hz
*Res BW 15 kHz *VBW 51 kHz Sweep 533 ms (8192 pts) RKS Results Freq Offset Ref BU dBc Lower dBm dBc Upper dBm Carrier Power 11:50 MHz 1.800 MHz -87.68 -73.67 -47.85 25.23 dBm / 19:50 MHz 1.800 MHz -67.20 -41.97 -73.79 -48.56	Res BW 15 kHz •VBW 51 kHz Sweep 533 ms (8192 pts) RMS Results Frag Offsat Ref BW dbc Lover dBm dbc Upper dBm Carrier Power 11:50 MHz 1.800 MHz -74.28 -47.34 -64.25 -37.31 26.94 dBm / 19:50 MHz 1.800 MHz -75.56 -46.56 -67.33 -40.39
Copyright 2000–2011 Agilent Technologies	Copyright 2000-2011 Agilent Technologies
LTE B66 20MHz QPSK Low Channel RB1-0	LTE B66 20MHz QPSK High Channel RB1-99
* Agilent 19:09:44 Sep 5, 2020 R T Freq/Channel	# Agilent 19:13:20 Sep 5, 2020 R T Freq/Channel
Ch Freq 1.72 GHz Trig Free 1.72000000 GHz	Ch Freq 1.77 GHz Trig Free 1.77000000 GHz
UL: 19467 \ R Date: 06/09/2020	UL: 19467 \ R Date: 06/09/2020
Ref 30 dBm •Atten 30 dB •Nvg PRSS LIMIT1 1.74000000 GHz 10 1.74000000 GHz	Ref 30 dBm •Atten 30 dB •Avg PRSS LIMIT1 10 1.79000000 GHz
dB/ Offst 16.1	dB/ 0ffst 16.1 ■ 4.00000000 MHz Huto Man
dB Freq Offset Center 1.720 000 GHz Span 40 MHz •Res BN 200 kHz •VBH 620 kHz Sweep 3.276 ms (8192 pt)	dB Freq Offset Center 1.770 000 GHz Span 40 MHz •Res BM 200 KHz •VBH 620 KHz Sweep 3.276 ms (8192 pts)
#Kes Ex 200 KHZ #VEW 6/20 KHZ Side 0 3.2/6 ms (6192 pts) Signal Track RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm On Off Carrier Power 11.50 MHz 1.000 MHz -52.58 -27.23 -48.96 -23.61 On Off	Res BW 200 kHz #VBM 620 kHz Sweep 3.276 ms (8192 pts) Signal Track RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Carrier Power 1.58 MHz 1.080 MHz -49.78 -24.52 -57.52 -32.26
28.8888 MH2	28.8888 MHz
UL:19467 \ R Date:06/09/2020	UL:19467 \ R Date:06/09/2020
LTE B66 20MHz QPSK Low Channel RB100-0	LTE B66 20MHz QPSK High Channel RB100-0

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8.2.14. LTE BAND 71 ADJACENT CHANNEL POWER

LIMITS

FCC: §27.53

(g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. 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.

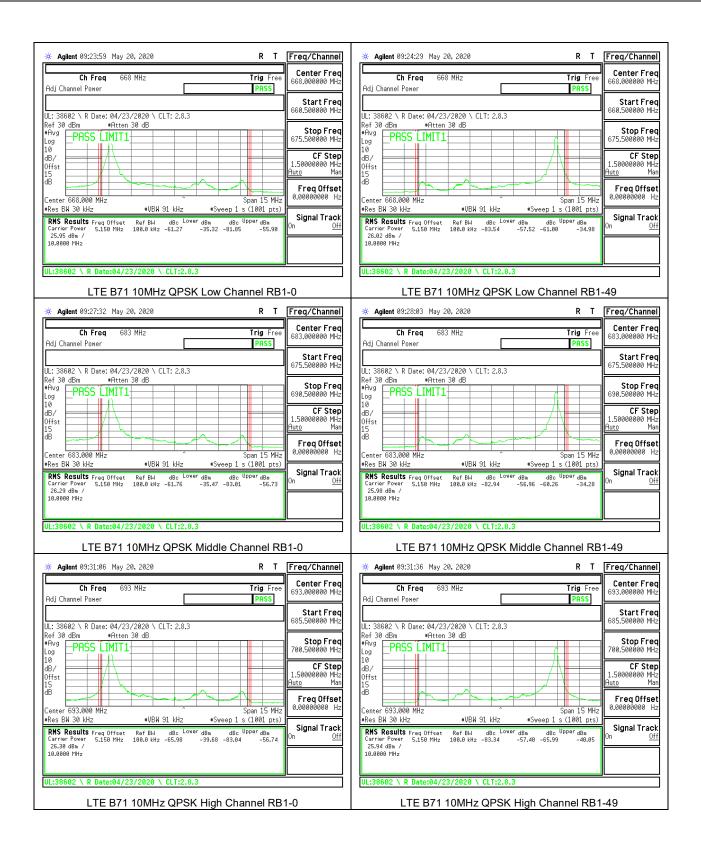
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* Agilent 09:14:00 May 20, 2020 R T Freq/Channel	★ Agilent 09:17:34 May 20, 2020 R T Freq/Channel				
Ch Freq 665.5 MHz Trig Free 665.500000 MHz 665.500000 MHz	Ch Freq 680.5 MHz Trig Free Center Freq 680.500000 MHz Adj Channel Power PRSS PRSS 680.500000 MHz 680.5000000 MHz 680.5000000 MHz 680.500000 MHz 680.50				
UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3	UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3				
Ref 30 dBm •Atten 30 dB Stop Freq •Avg PRSS LIMIT1 670.500000 MHz	Ref 30 dBm +Atten 30 dB •Avg PRSS LIMIT1 Log 685.500000 MHz				
10 dB/ 0ffst 15 CF Step 1.00000000 MHz Auto Man	10 dB/ Offst 15 CF Step 1.00000000 MHz Auto Man				
13 dB Freq 0ffset Center 665.50 MHz Span 10 MHz	13 Freq Offset 0B Span 10 MHz				
Res BW 30 kHz #VBW 91 kHz *Sweep 1 s (1001 pts) Signal Track RHS Results Freq Offset Ref BW dBc Lover dBm dBc Upper dBm On Off Carrier Power 25.69 Mm / 100.0 kHz -61.34 -36.25 -56.64 -35.56 On Off	Res BW 30 kHz #VBW 91 kHz #Sweep 1 s (1001 pts) RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Carrier Power 25.68 MHz 108.0 kHz -57.77 -32.78 -56.37 -31.30				
5.00000 MHz	5.00000 MHz				
UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3	UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3				
LTE B71 5MHz QPSK Low Channel RB25-0	LTE B71 5MHz QPSK Middle Channel RB25-0				
🔆 Agilent 09:21:07 May 20, 2020	R T Freg/Channel				
	Center Fred				
Ch Freq 695.5 MHz Adj Channel Power	Trig Free 695.500000 MHz				
	Start Freq				
UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3	690,500000 MHz				
Ref 30 dBm • Phtten 30 dB • Phys Log	Stop Freq 700.500000 MHz				
	CF Step 1.0000000 MHz				
0ffst 15	1.0000000 miz				
dB	Freq Offset				
Center 695.50 MHz ≢Res BW 30 kHz	Span 10 MHz 0.00000000 Hz *Sweep 1 s (1001 pts)				
RMS Results Freq Offset Ref BW dBc L ^{ox} Carrier Power 2.658 MHz 188.0 kHz -59.95 25.65 dBm 25.65 dBm 25.65 dBm -59.95	ver dBm dBc Upper dBm -34.90 -65.20 -48.15 On <u>Off</u>				
5.0000 MHz					
UL:38602 \ R Date:04/23/2020 \ CLT:2.8	.3				
LTE B71 5MHz QPSK High Channel RB25-0					

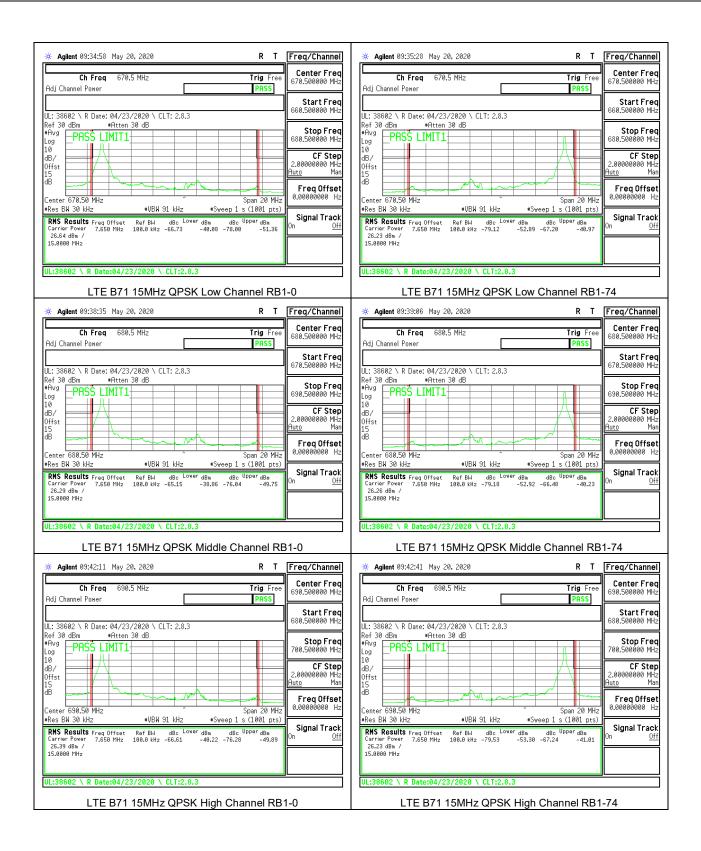
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* Agilent 09:24:59 May 20, 2020 R T Freq/Chann	Agilent 09:28:33 May 20, 2020 R T Freq/Channel
Ch Freq 668 MHz Trig Free 668.000000 M	g Center Freq
UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3	Iz UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3
Ref 30 dBm •Atten 30 dB Stop Fre *Avg PASS LIMIT1 675,500000 MI 10 0 0	iz Log PHSS LIMI11 690.500000 MHz
dB/ CF Ste 0ffst 1.5000000 M 15 4.500000 M dB 4.5000000 M	P dB/ iz 0ffst // 1.5000000 MHz
OD Freq Offs Center 668,000 MHz ^ *Res BW 30 kHz *VBW 91 kHz *Sweep 1 s (1001 pts)	Pt Freq Offset
RMS Results Freq Offset Ref BW dBc Lover dBm dBc Upper dBm Carrier Pover 5.158 MHz 188.0 kHz -59.23 -34.17 -68.39 -35.32 25.86 dBm /	RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Signal Track Carrier Power 5,158 MHz 188.8 kHz - 68.19 -35.19 -55.43 -38.42
18.0000 MHz	18.0000 MHz
UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3	UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3
LTE B71 10MHz QPSK Low Channel RB50-0	LTE B71 10MHz QPSK Middle Channel RB50-0
🔆 Agilent 09:32:06 May 20, 2020	R T Freq/Channel
Ch Freq 693 MHz	Trig Free
Adj Channel Power	693.000000 MHz
	Start Freq 685.500000 MHz
UL: 38602 \ R Date: 04/23/2020 \ CLT: 7 Ref 30 dBm	.8.3
	Stop Freq 700.500000 MHz
	CF Step
Offst	1.5000000 MHz Auto Man
dB	Freq Offset
Center 693.000 MHz •Res BW 30 kHz •VBW 91 k	Span 15 MHz 0.00000000 Hz *Sweep 1 s (1001 pts)
	Lower dBm dBc Upper dBm Signal Track
24.59 dom / 10.0000 MHz	
UL:38602 \ R Date:04/23/2020 \ CLT	:2.8.3
LTE B71 10MHz QF	SK High Channel RB50-0

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∦ Agilent 09:35:58 May 20, 2020	Freq/Channel	🔆 Agilent 09:39:36 May 20, 2020	R T Freq/Channel		
Ch Freq 670.5 MHz Trig Free Adj Channel Power PASS	Center Freq 670.500000 MHz	Ch Freq 680.5 MHz Adj Channel Power	Trig Free PASS		
UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3	Start Freq 660.500000 MHz	UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3	Start Freq 670.500000 MHz		
Ref 30 dBm •Atten 30 dB •Avg Log 10	Stop Freq 680.500000 MHz	Ref 30 dBm •Atten 30 dB •Avg PASS LIMITI Log 10	Stop Freq 690.500000 MHz		
dB/	CF Step 2.0000000 MHz <u>Auto</u> Man	10 dB/ Offst 15	CF Step 2.00000000 MHz Auto Man		
dB Center 670.56 MHz Span 20 MHz	FreqOffset 0.00000000 Hz	dB Center 680.50 MHz	Span 20 MHz		
*Res BW 30 kHz *VBW 91 kHz *Sweep 1 s (1001 pts) RMS Results Freq Offset Ref BM dBc Lower dBm dBc Upper dBm Carrier Power 7.650 MHz 100.0 kHz -61.62 -36.33 -61.53 -36.24	Signal Track ^{On <u>Off</u>}	RMS Results Freq Offset Ref BW dBc Lower dBm Carrier Power 7.650 MHz 100.0 kHz -57.47 -32.11	Bigs Bigs Signal Track dBc Upper dBm 0n Off 8 -55.80 -30.52 0n Off		
25.29 dBm / 15.0000 MHz		25.20 dBm / 15.0000 MHz			
UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3		UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3			
LTE B71 15MHz QPSK Low Channel RB7	5-0	LTE B71 15MHz QPSK Midd	le Channel RB75-0		
🔆 Agilent 09:43:11 May 2	20, 2020	R T Freg/Channel			
	I.5 MHz	Center Freq			
Ch Freq 690 Adj Channel Power	.o mHz	PASS			
		Start Freq 680,500000 MHz			
UL: 38602 \ R Date: 04/23 Ref 30 dBm #Atten	3/2020 \ CLT: 2.8.3 30 dB	650.500000 MHZ			
		Stop Freq 700.500000 MHz			
10 10		CF Step			
dB/ Offst		2.00000000 MHz Auto Man			
15 dB		Freq Offset			
Center 690.50 MHz	^ ^	Span 20 MHz 0.00000000 Hz			
•Res BW 30 kHz •Results Freq Offset	#VBW 91 kHz Ref BW dBc Low	#Sweep 1 s (1001 pts)			
Carrier Power 7.650 MHz 25.24 dBm /	Ref BW dBc 10% 100.0 kHz -55.63	-30.39 -57.05 -31.80 On Off			
15.0000 MHz					
UL:38602 \ R Date:04/2	3/2020 \ ULT:2.8.	.5			
LTE B71 15MHz QPSK High Channel RB75-0					

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∰ Aqülent 09:47:03 May 20, 2020 R T Fre	eg/Channel	🔆 Agilent 09:50:40 May 20, 2020	RTF	- reg/Channel		
	enter Freg			Center Freq		
Ch Freq 673 MHz Trig Free 673 Adj Channel Power PASS	3.000000 MHz	Ch Freq 683 MHz Adj Channel Power	Trig Free PASS	683.000000 MHz		
	Start Freq 8.000000 MHz			Start Freq		
UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8.3 Ref 30 dBm •Atten 30 dB		UL: 38602 \ R Date: 04/23/2020 \ CLT: 2.8 Ref 30 dBm	.3	668.000000 MHz		
Avg PASS LIMIT1 688	Stop Freq 8.000000 MHz	Avg PRSS LIMIT1		Stop Freq 698.000000 MHz		
	CF Step	10 dB/		CF Step 3.0000000 MHz		
0ffst 15 dB		0ffst 15 dB		3.000000000 MH2 <u>luto</u> Man		
	FreqOffset			Freq Offset 0.00000000 Hz		
*Res BW 30 kHz		Center 683.00 MHz #Res BW 30 kHz #VBW 91 kHz	Span Se Pinz			
RMS Results Freq Offset Ref BW dBc Lower dBm dBc Upper dBm Carrier Power 18.15 11Hz 180.0 kHz -59.61 -34.26 -63.88 -38.46 0n 25.35 68m / - - - - - - - - - - - - - - - - - 0n 0n 0n 0n - - - - - - - 0 0n 0n 0n 0n 0n 0n 0n 0n 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ignal Track <u>Off</u>	Carrier Power 10.15 MHz 100.0 kHz -60.80	-ower _{dBm dBc} Upper _{dBm} -35.56 -56.83 -31.59 0	Signal Track ^{On <u>Off</u>}		
25.35 dbm / 20.0000 MHz		25.24 dBm / 20.0000 MHz	l l l l l l l l l l l l l l l l l l l			
UL:38602 \ R Date:04/23/2020 \ CLT:2.8.3		UL:38602 \ R Date:04/23/2020 \ CLT:2				
LTE B71 20MHz QPSK Low Channel RB100-0)	LTE B71 20MHz QPSK	Middle Channel RB10	0-0		
<mark>₩ Agilent</mark> 09:54:20 May 20, 2	020	R T Freq/Channel				
Ch Freq 688 MH	z	Trig Free 688.000000 MHz				
Adj Channel Power		PASS				
UL: 38602 \ R Date: 04/23/200	20 \ CLT· 2.8.3	673.000000 MHz				
Ref 30 dBm #Atten 30 d		Stop Freq				
		703.000000 MHz				
dB/ Offst		CF Step 3.00000000 MHz				
		Auto Man				
Center 688,00 MHz		^ Span 30 MHz 0.00000000 Hz				
●Res BW 30 kHz	#VBW 91 kHz	#Sweep 1 s (1001 pts)				
RMS Results Freq Offset Re Carrier Power 18.15 MHz 180 25.24 dBm /	ef BW dBc Lowe 3.0 kHz -55.93	r dBm dBc Upper dBm -30.69 -59.89 -34.65 On <u>Off</u>				
28.80800 MHz						
	000) CLT-0 0					
UL:38602 \ R Date:04/23/20	020 \ ULT:2.8.	3				
LTE B71 20MHz QPSK High Channel RB100-0						

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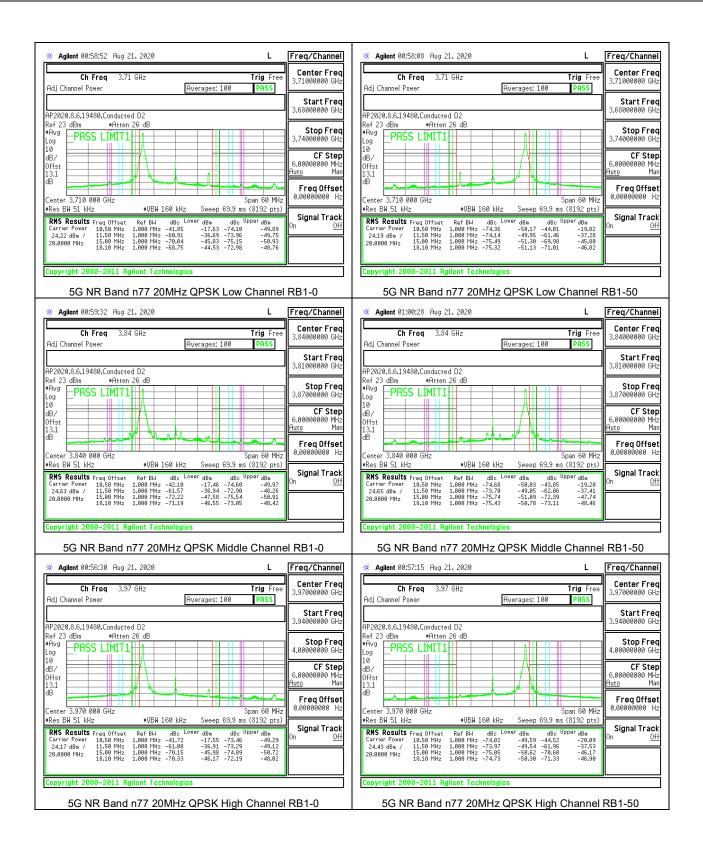
8.2.15. 5G NR Band n77 ADJACENT CHANNEL POWER

LIMITS

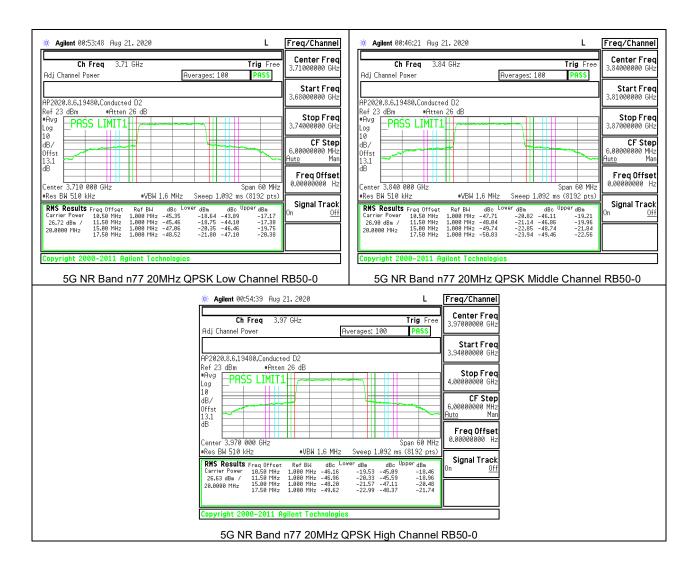
FCC: §27.53

(I) 3.7 GHz Service. The following emission limits apply to stations transmitting in the 3700-3980 MHz band: (2) For mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed –13 dBm/MHz. Compliance with this paragraph (I)(2) 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, the minimum resolution bandwidth for the measurement shall be either one percent of the emission bandwidth of the fundamental emission of the transmitter or 350 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. 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.

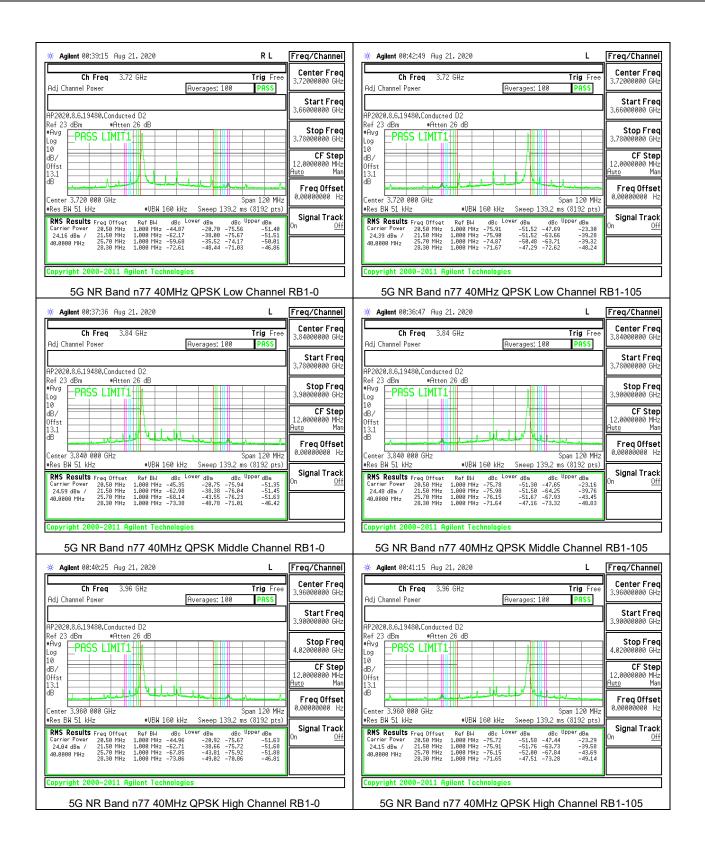
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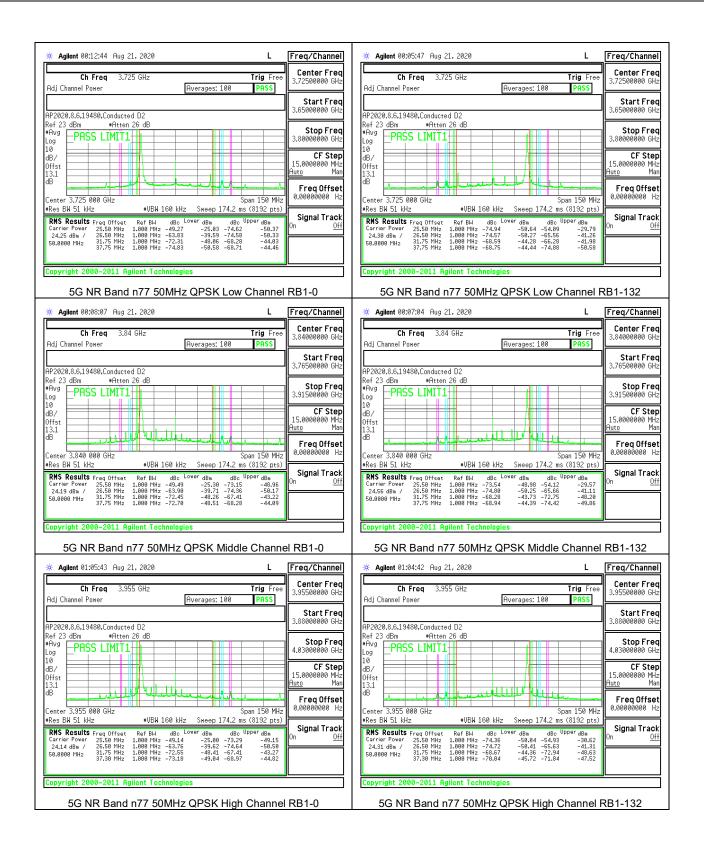
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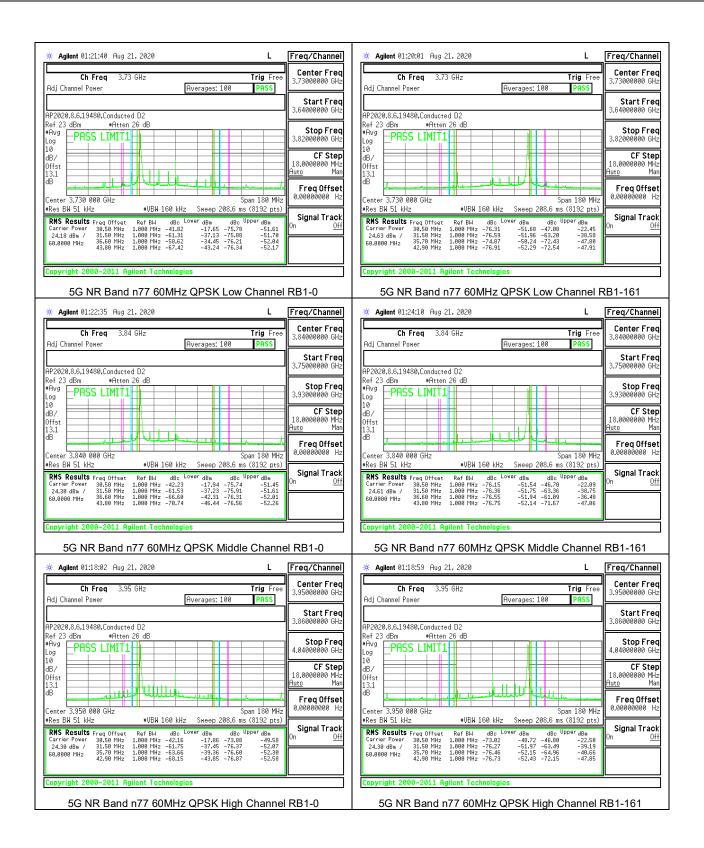
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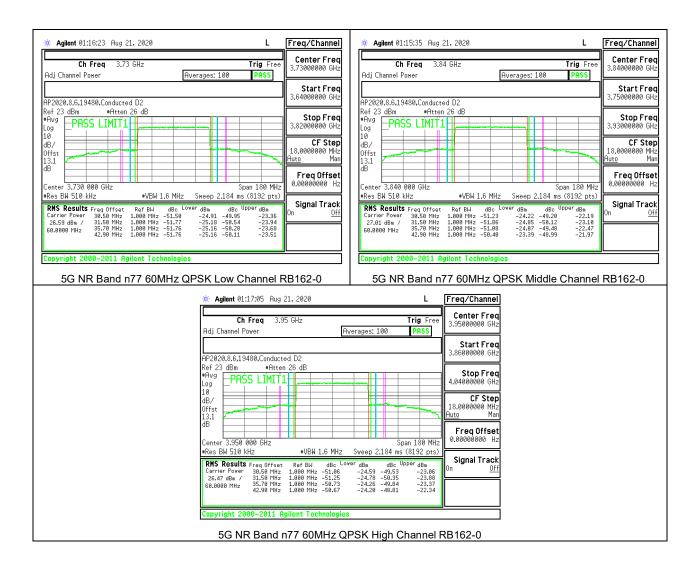
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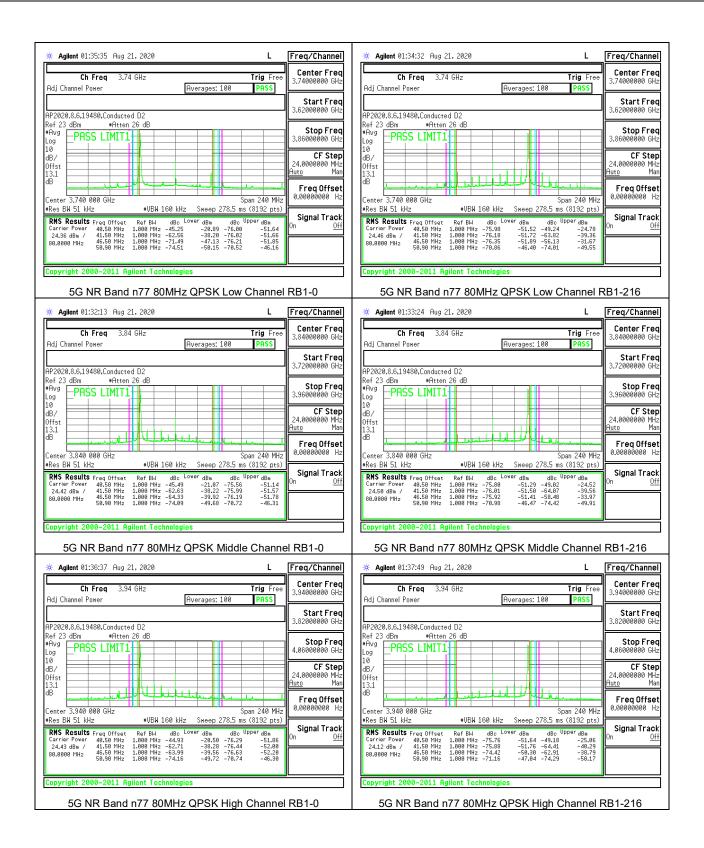
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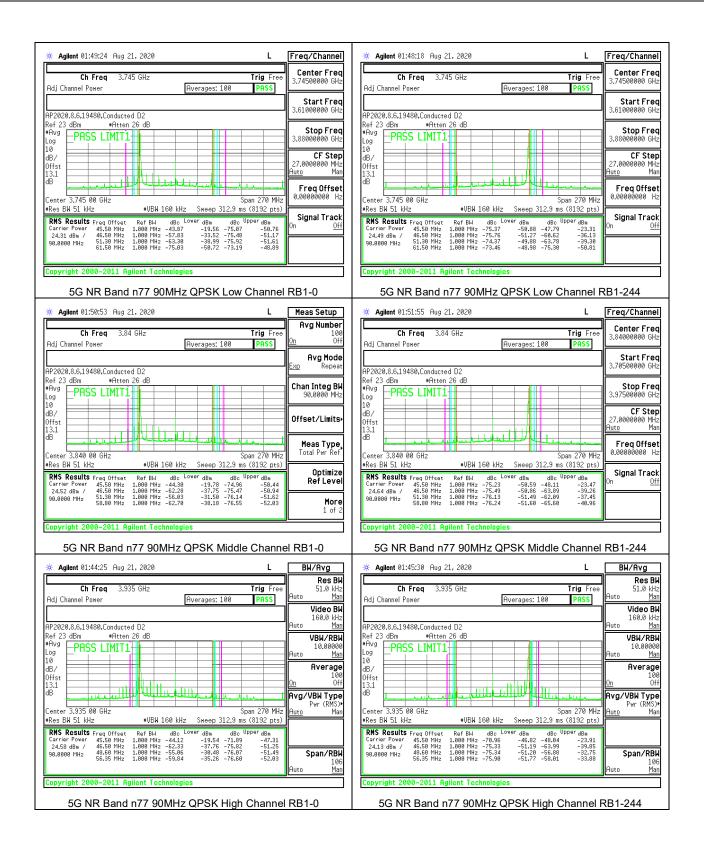


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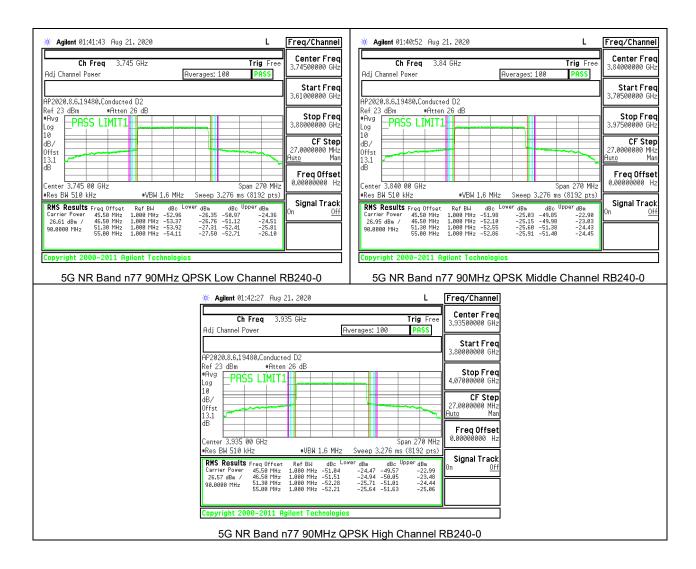


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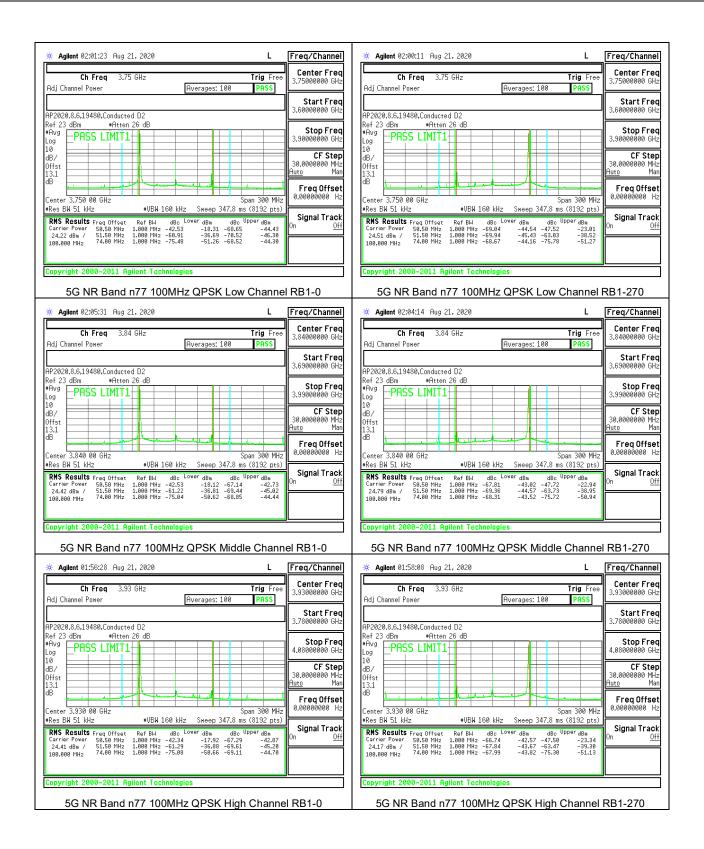


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8.3. OUT OF BAND EMISSIONS

TEST PROCEDURE

The RF output of the transmitter was connected to a spectrum analyzer through a calibrated coaxial cable. Sufficient scans were taken to show the out-of-band Emissions, if any, up to 10th harmonic. Multiple sweeps were recorded in maximum hold mode using a peak detector to ensure that the worst-case emissions were caught.

For each out of band emissions measurement:

- Set display line at -13 dBm, -25dBm and -40dBm according to the band Limit
- Set RBW & VBW to 100 kHz for the measurement below 1 GHz, and 1 MHz for the measurement above 1 GHz. (NOTE: Worst case set RBW/VBW to 1MHz/3MHz)

RESULTS

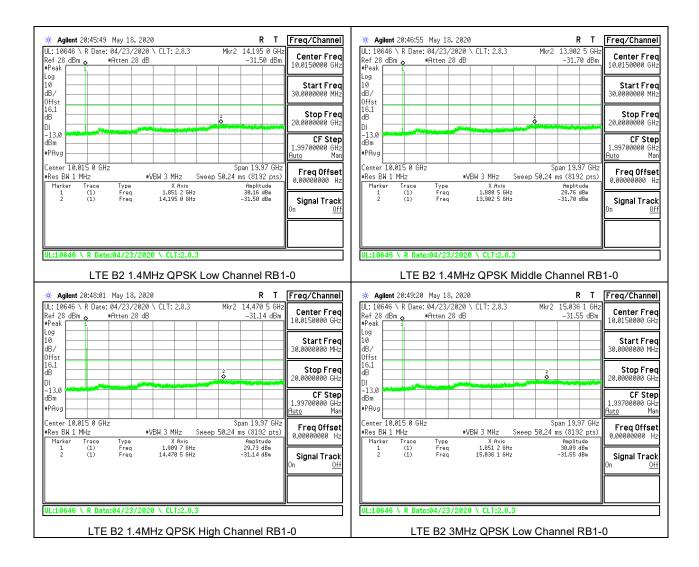
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8.3.1. LTE BAND 2

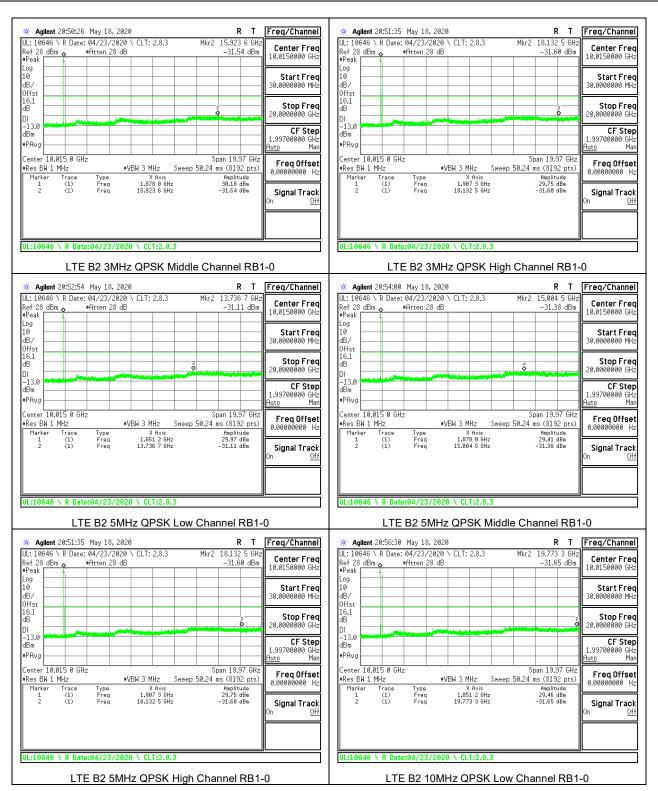
LIMITS

FCC: §24.238

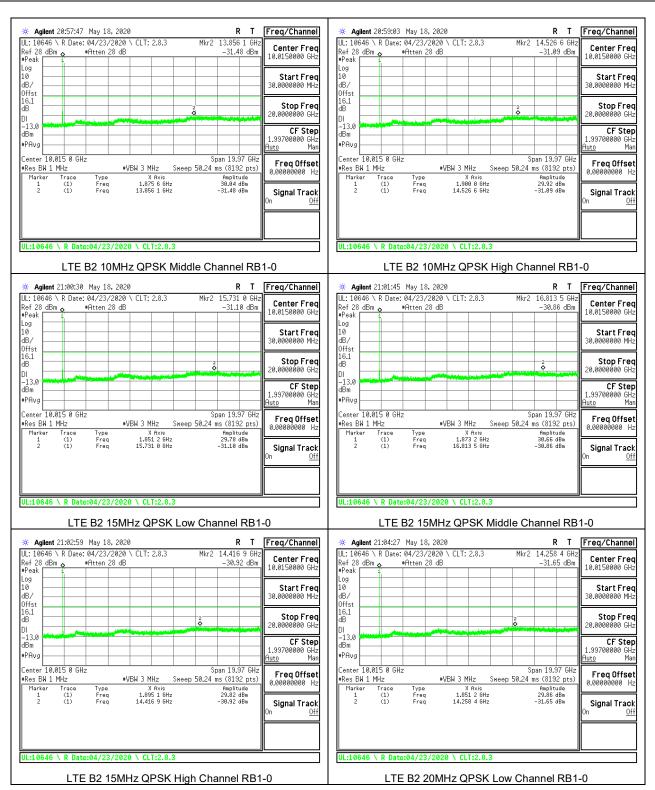
The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts.



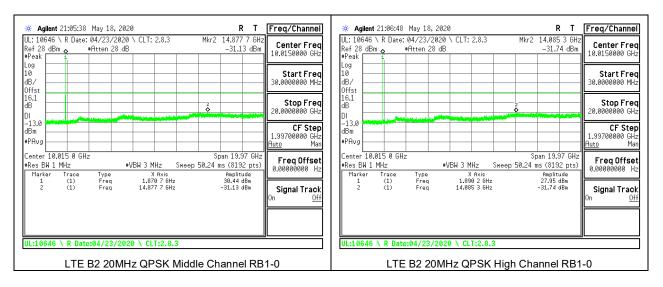
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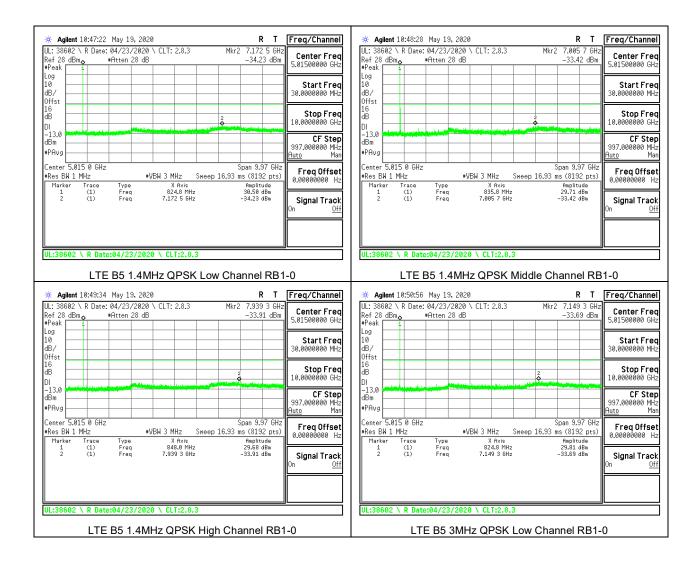
8.3.2. LTE BAND 5 AND 5G NR Band n5

<u>LIMITS</u>

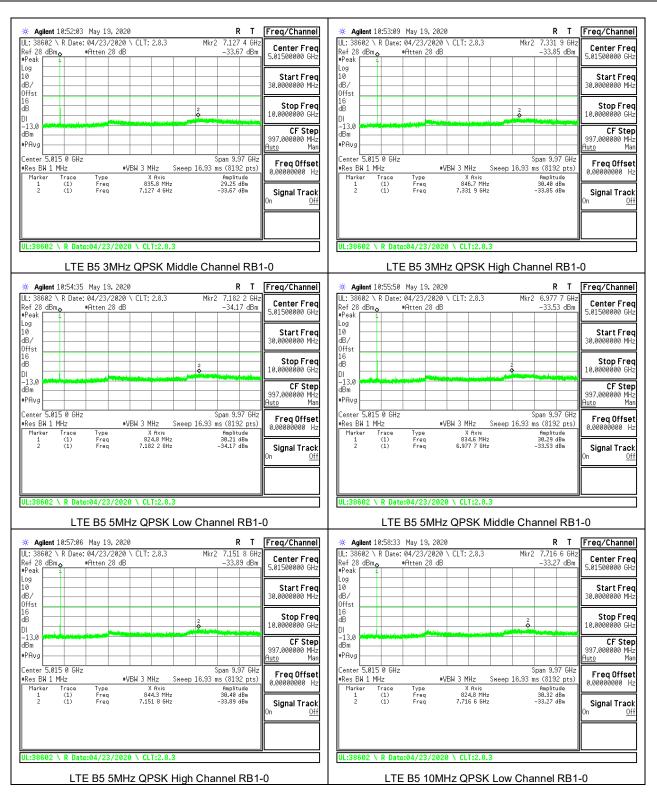
FCC: §22.917

The minimum permissible attenuation level of any spurious emissions is 43 + 10 log (P) dB where transmitting power (P) in Watts.

LTE BAND 5



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