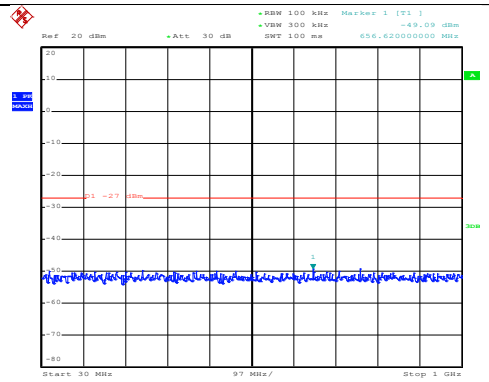
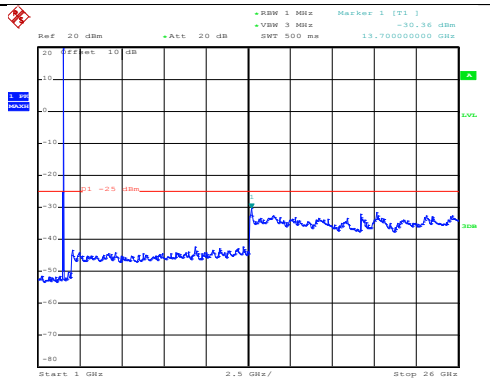
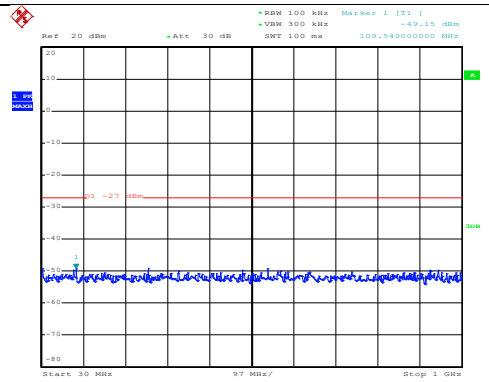
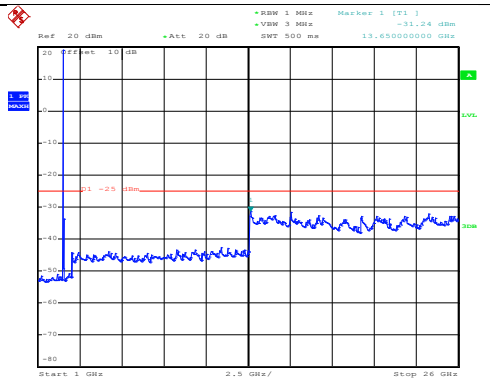
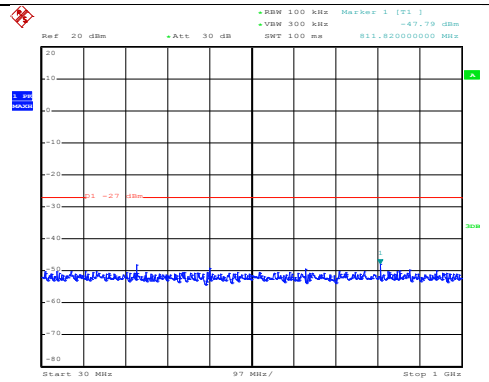
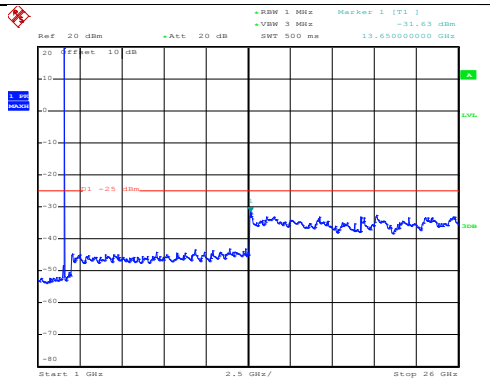
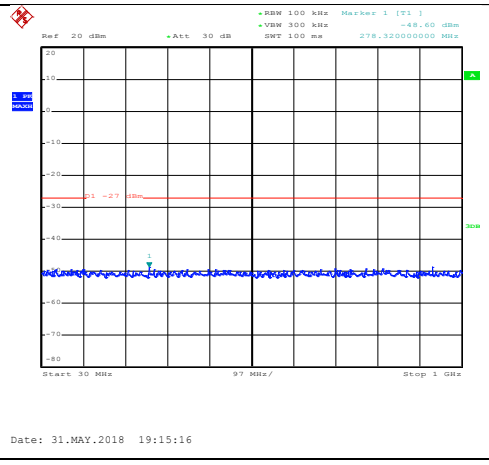
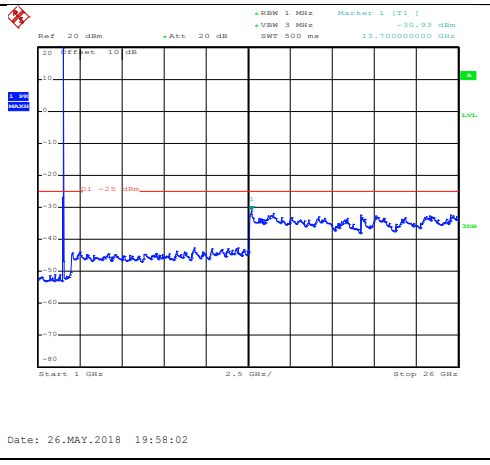
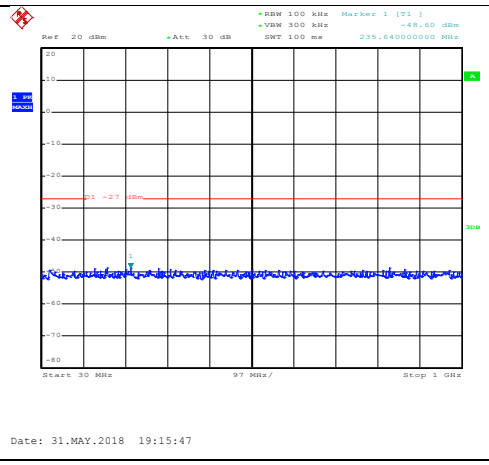
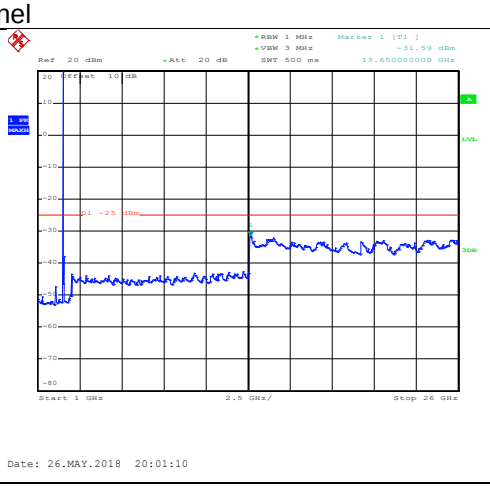
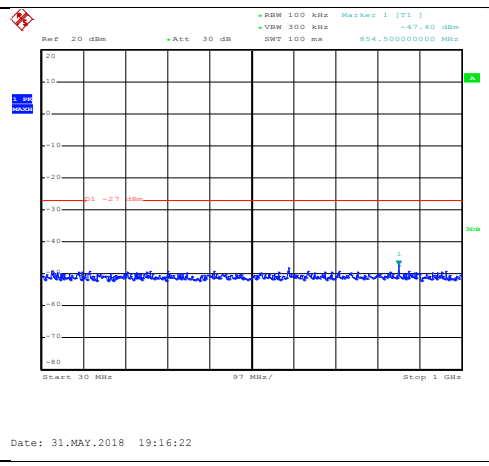
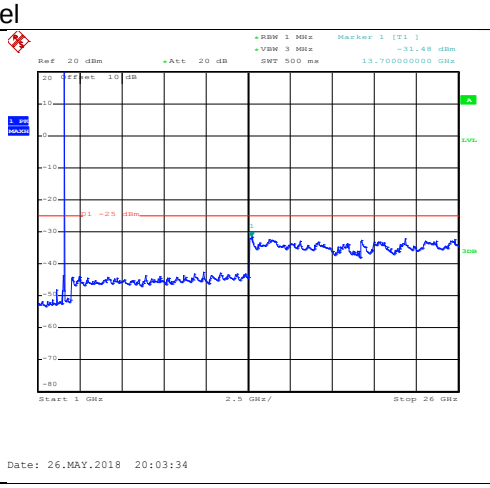
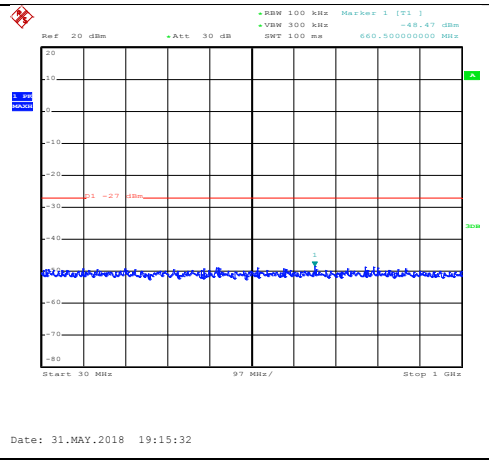
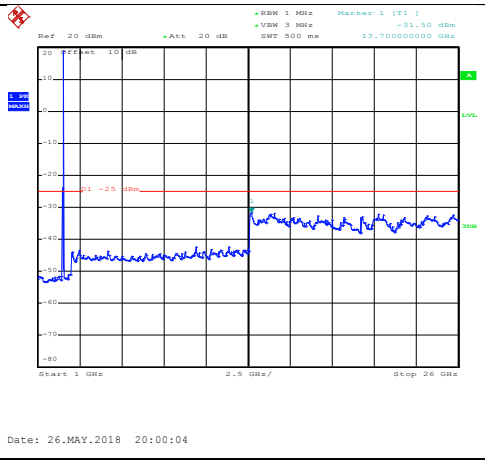
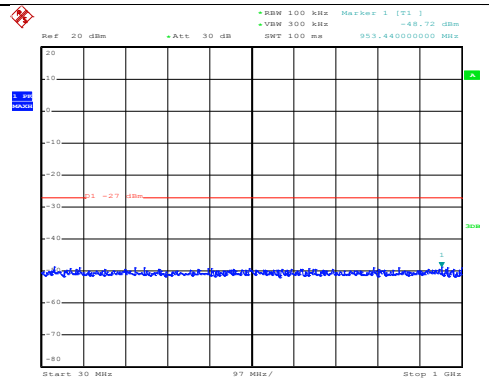
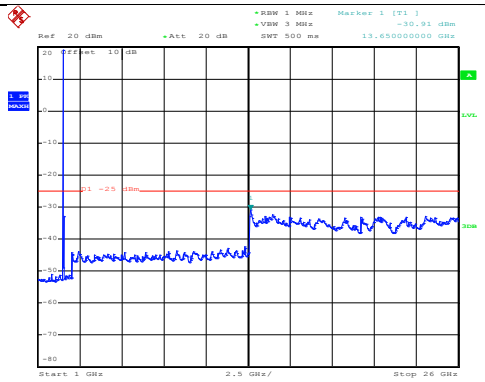
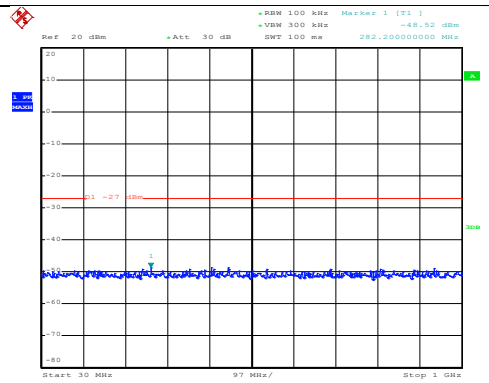
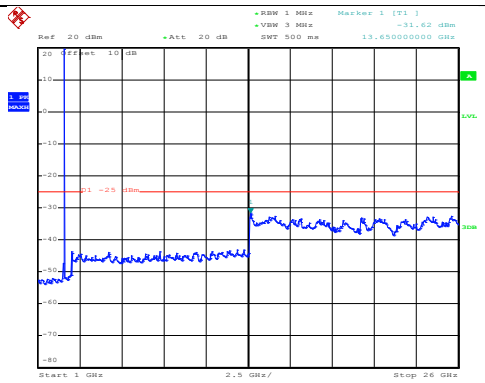
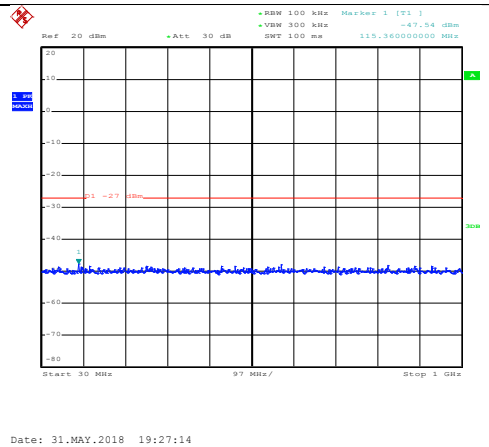
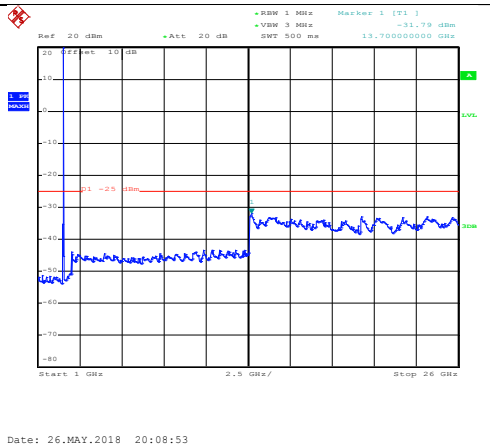
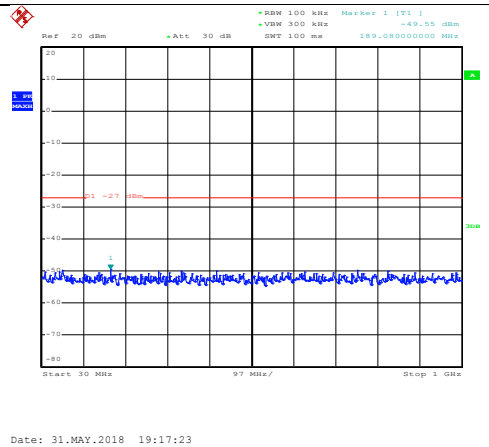
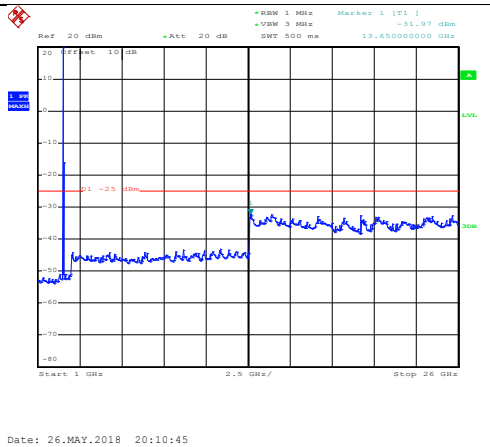
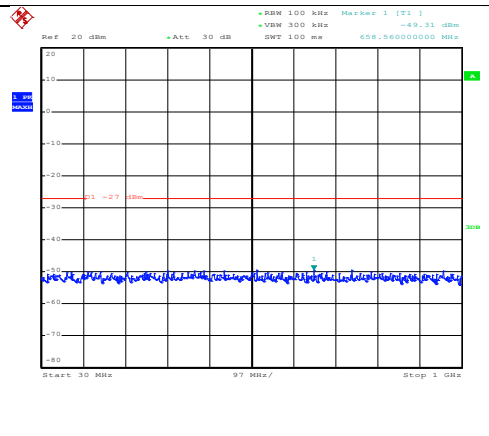
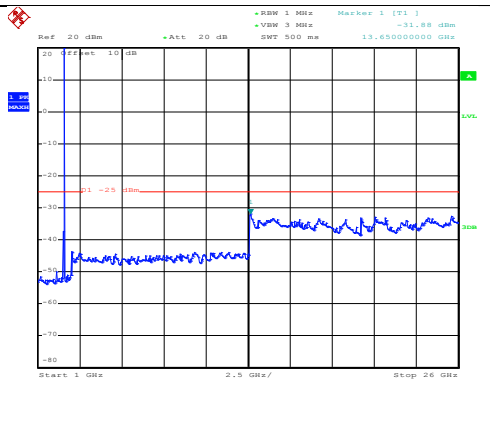
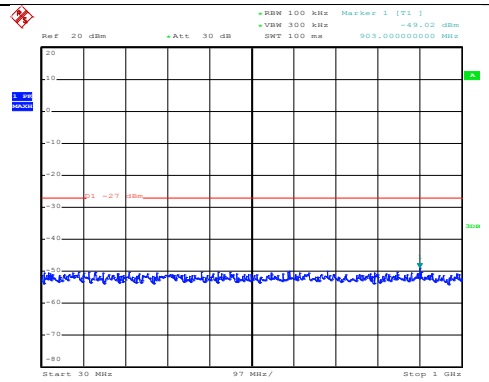
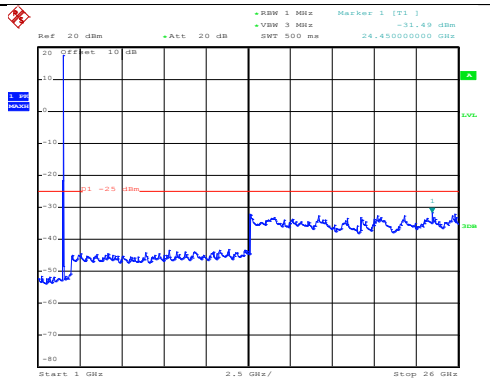
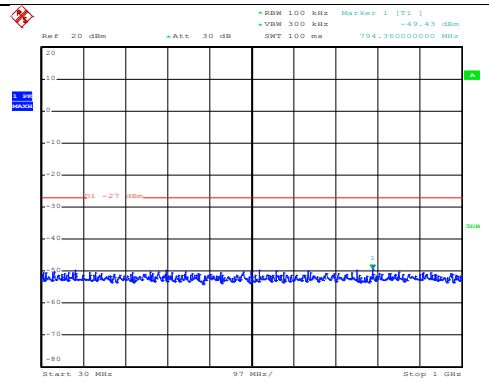
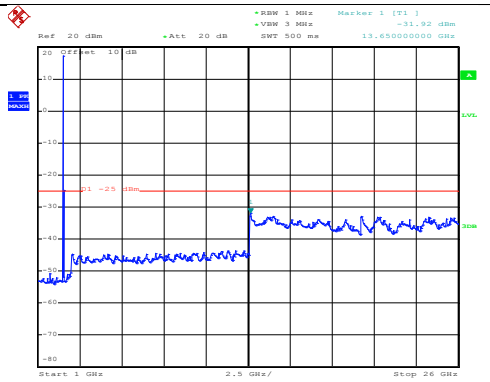
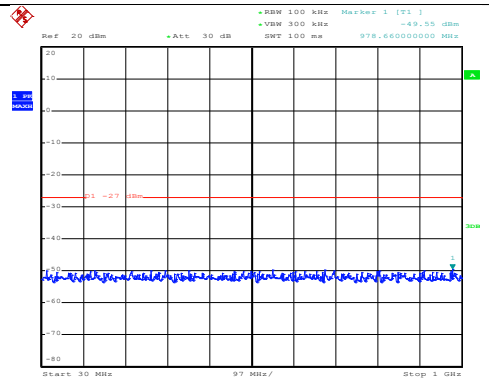
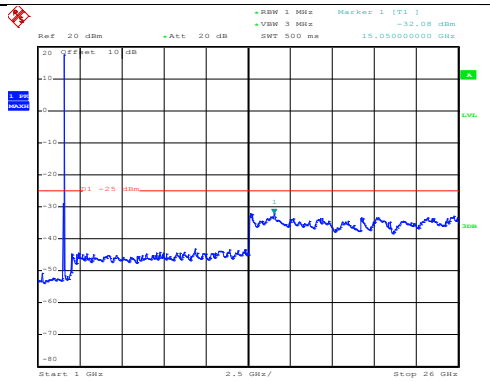
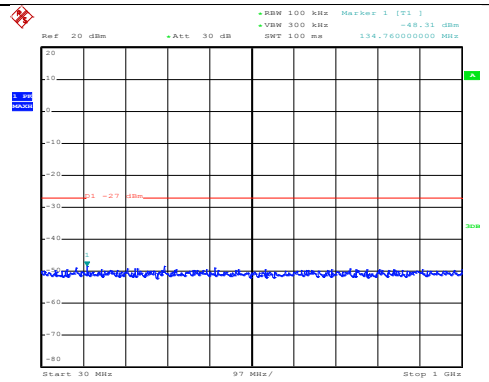
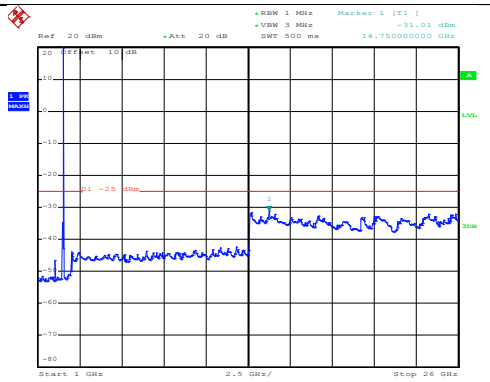
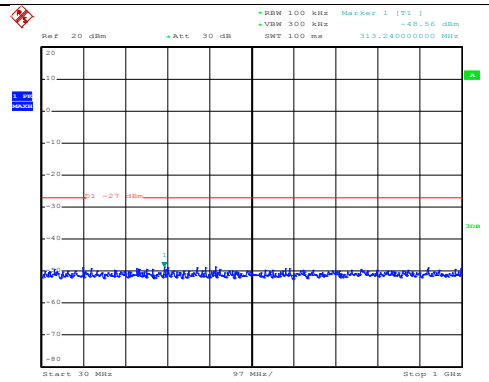
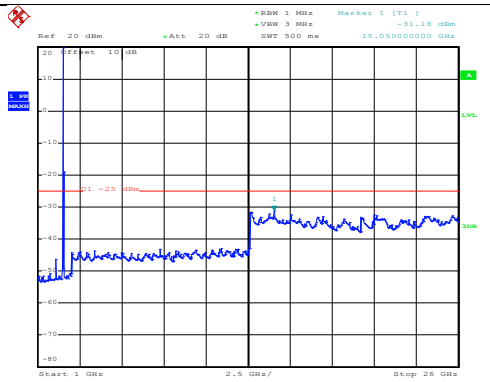
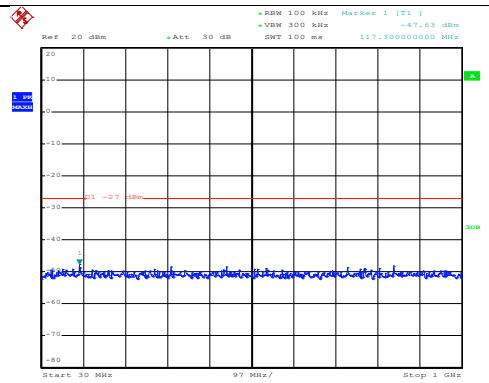
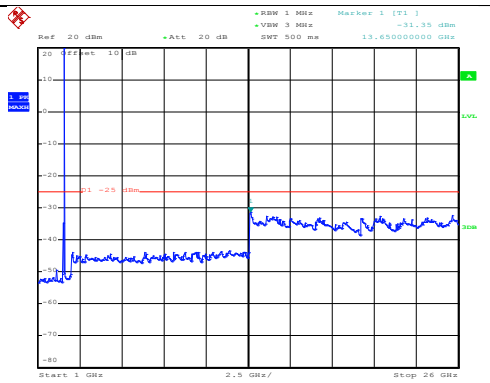
LTE Band 7: 16 QAM & RB Size 25	
BW: 5MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

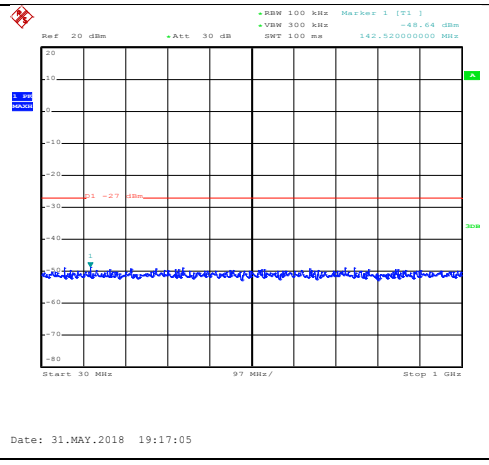
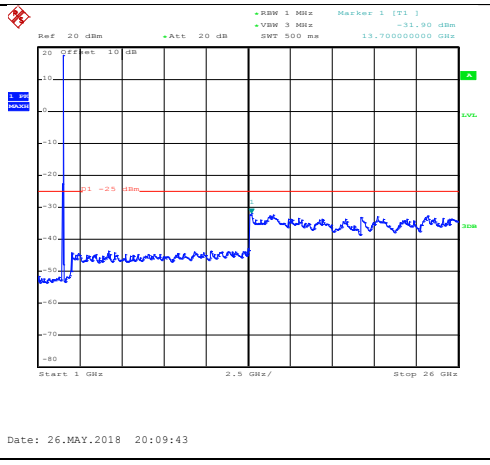
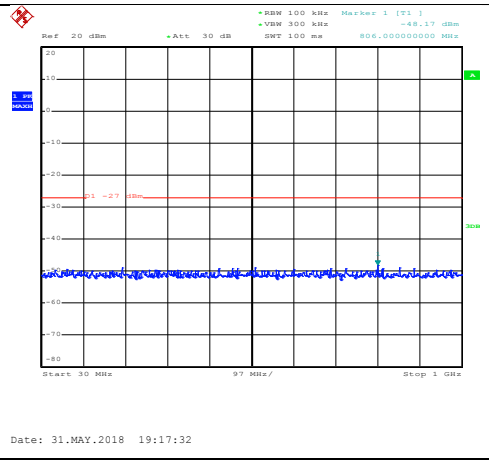
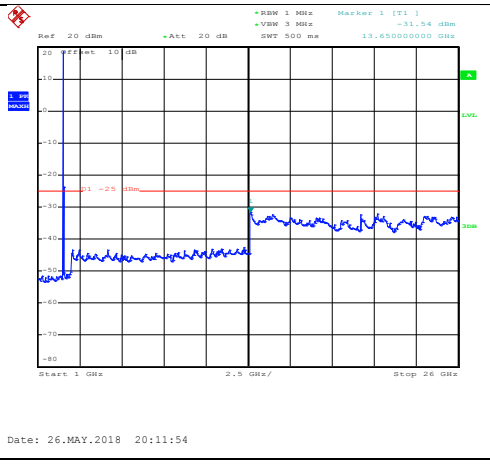
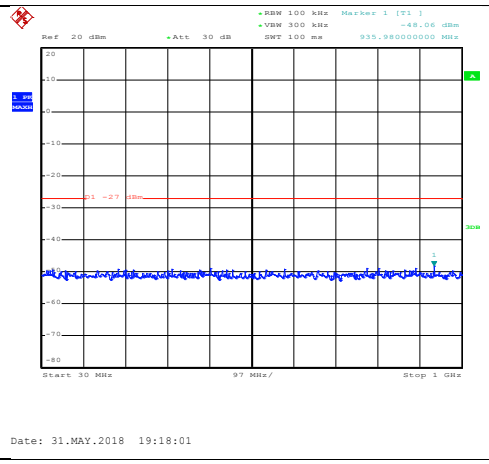
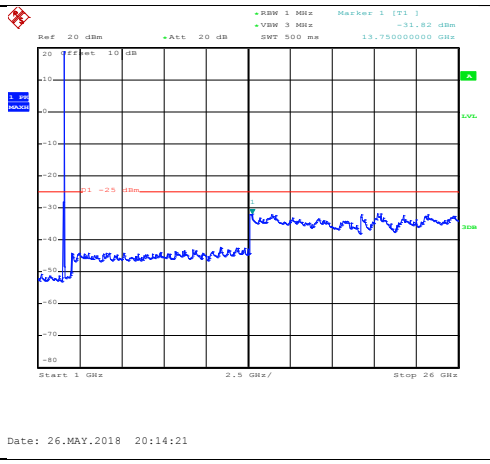
LTE Band 7: QPSK & RB Size 1	
BW: 5MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

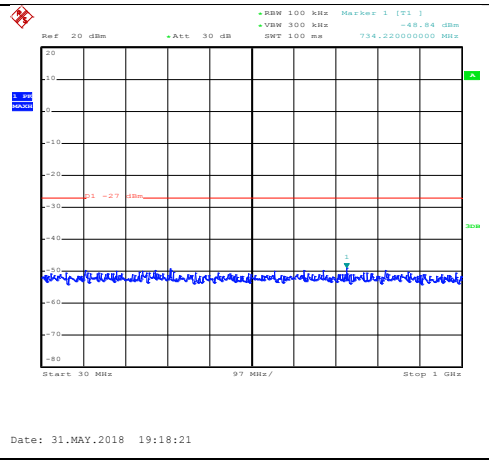
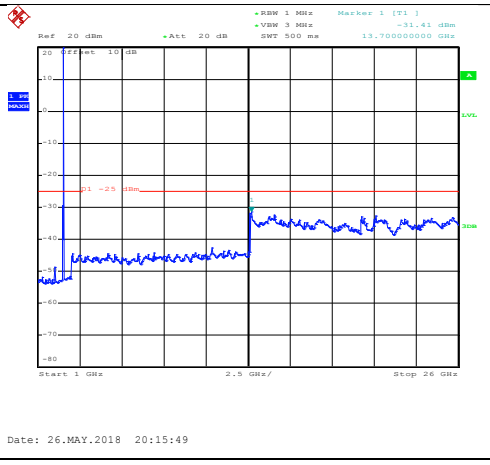
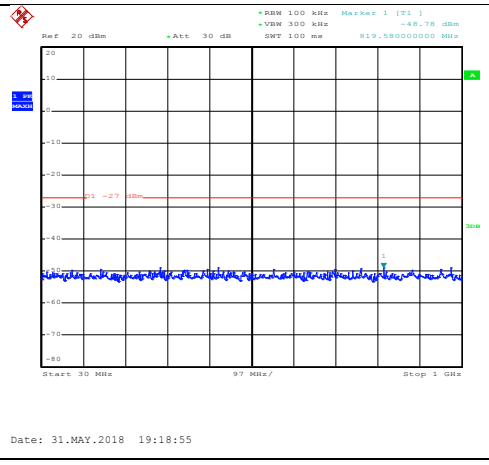
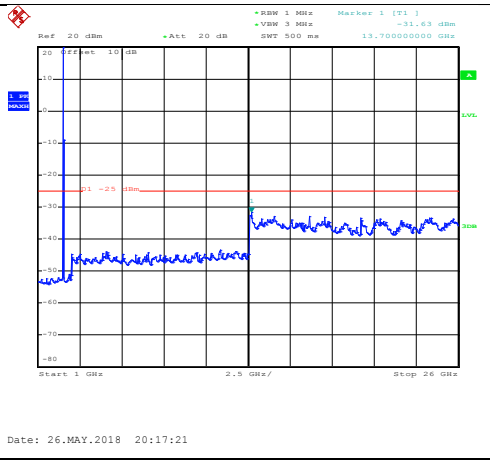
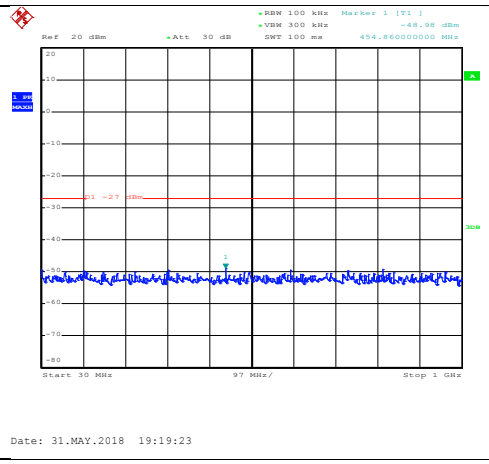
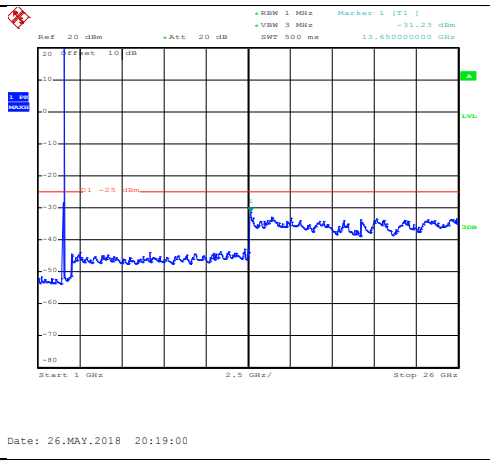
LTE Band 7: QPSK & RB Size 25	
BW: 5MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

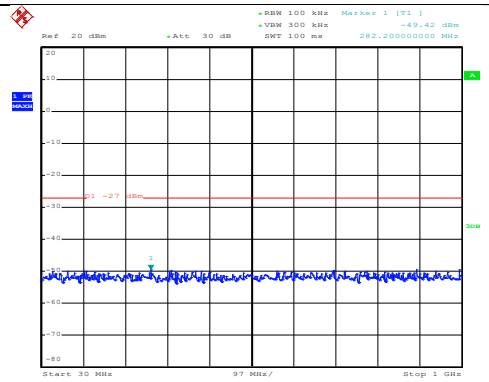
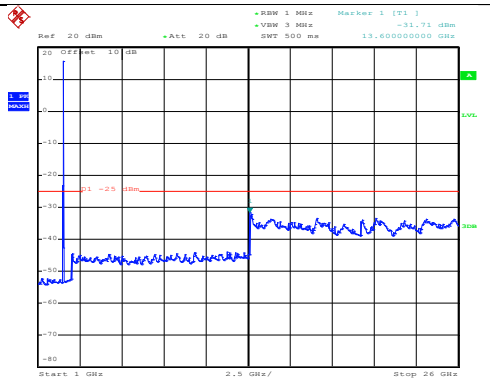
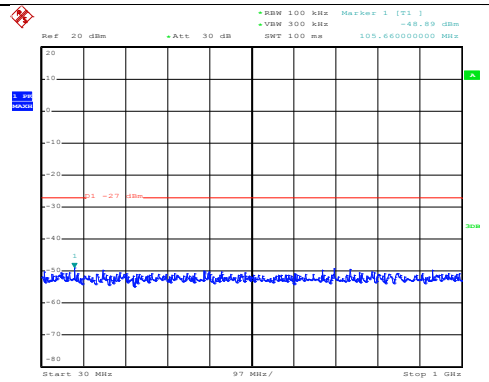
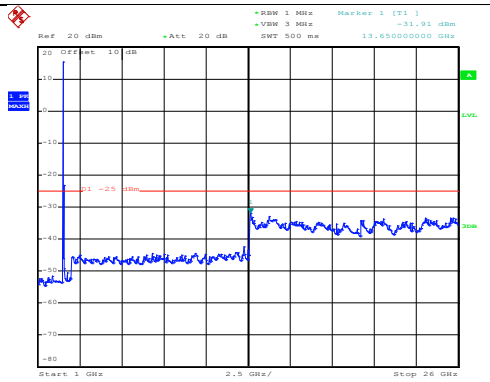
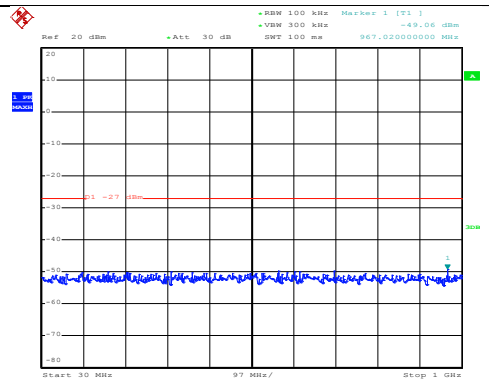
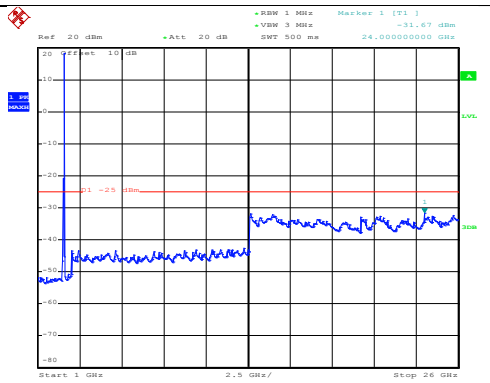
LTE Band 7: 16 QAM & RB Size 1	
BW: 10MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

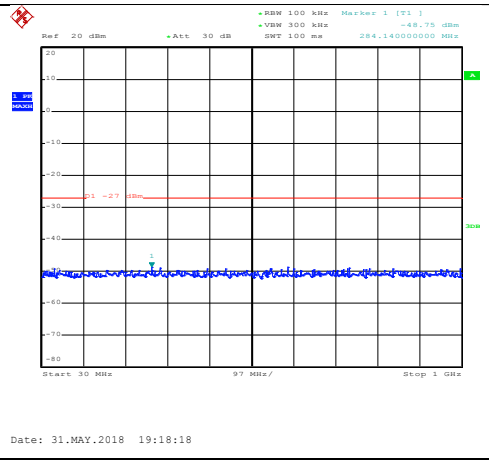
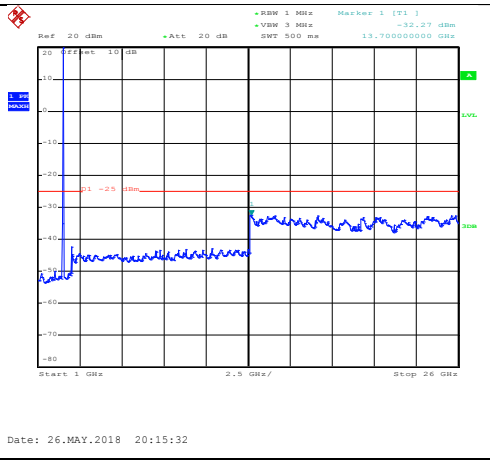
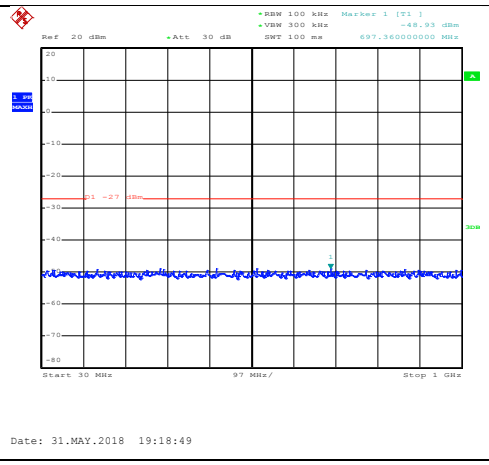
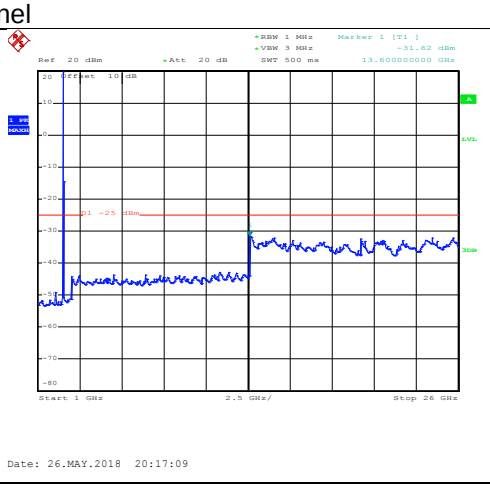
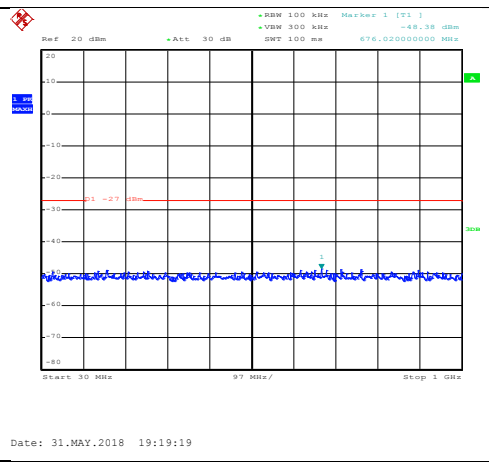
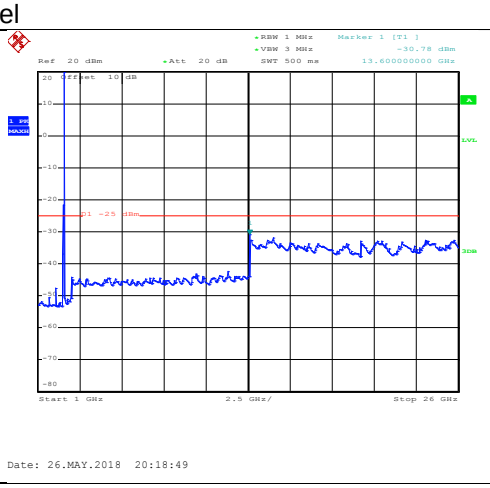
LTE Band 7: 16 QAM & RB Size 50	
BW: 10MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

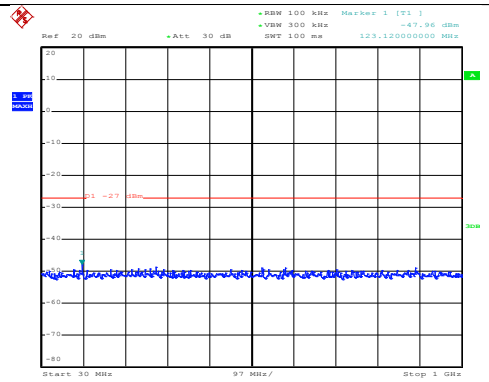
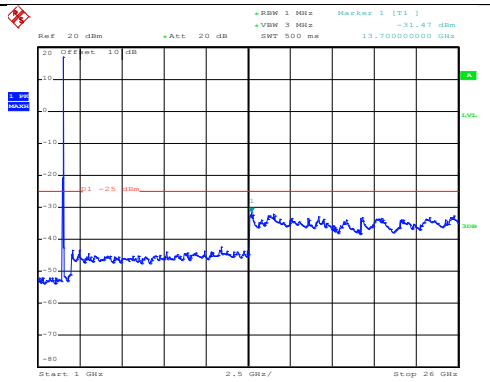
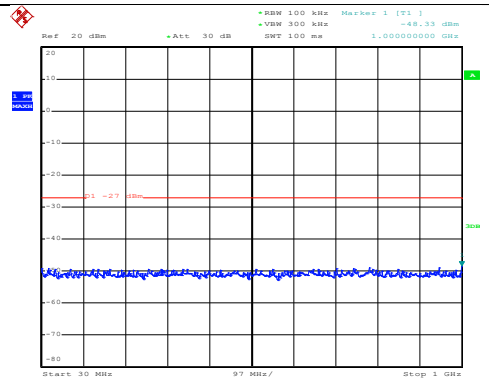
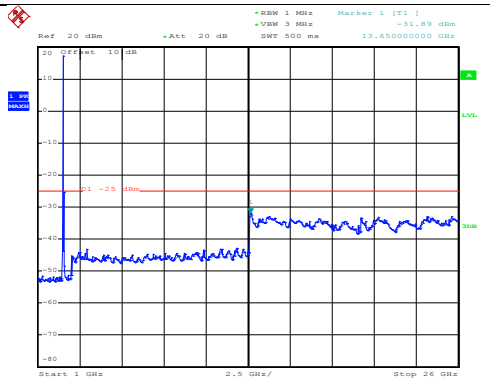
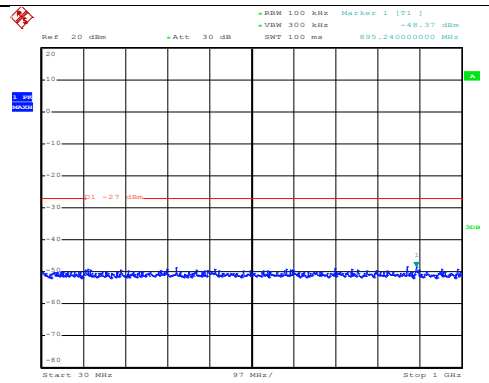
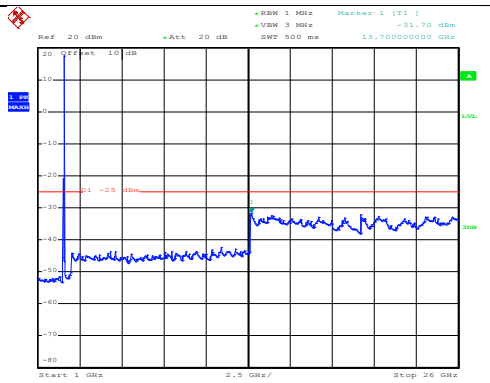
LTE Band 7: QPSK & RB Size 1	
BW: 10MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

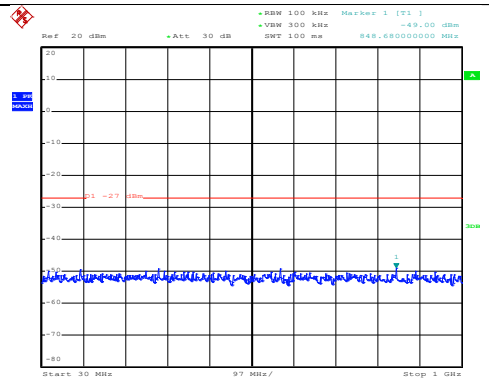
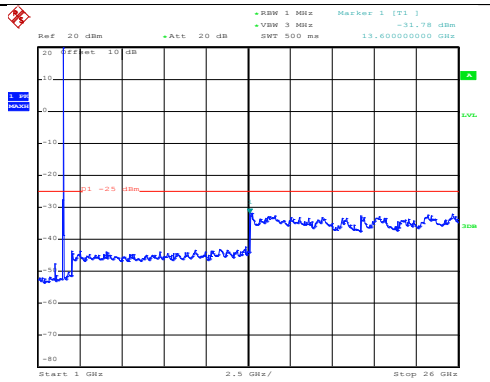
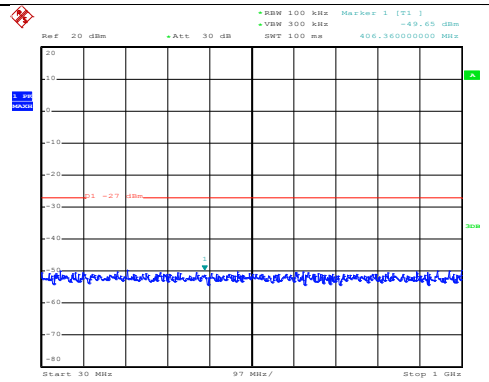
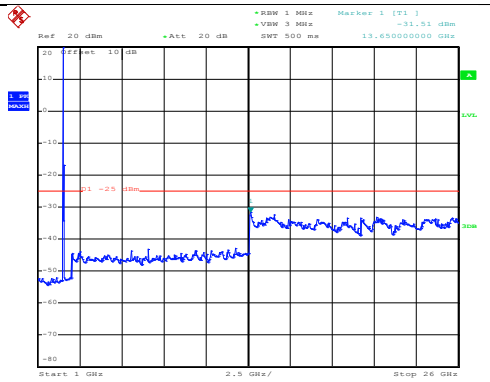
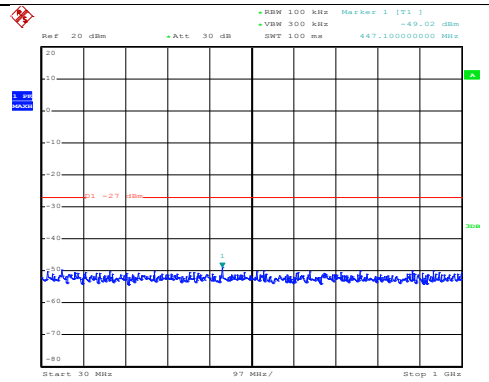
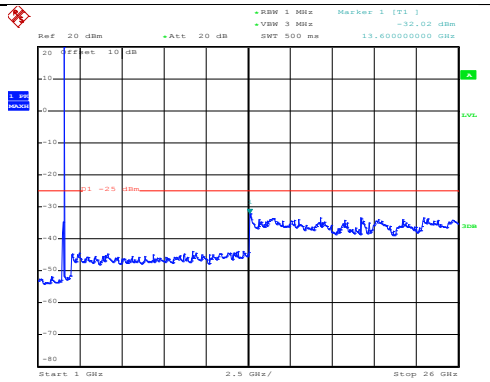
LTE Band 7: QPSK & RB Size 50	
BW: 10MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

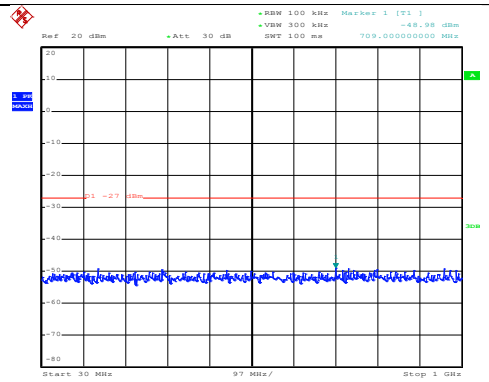
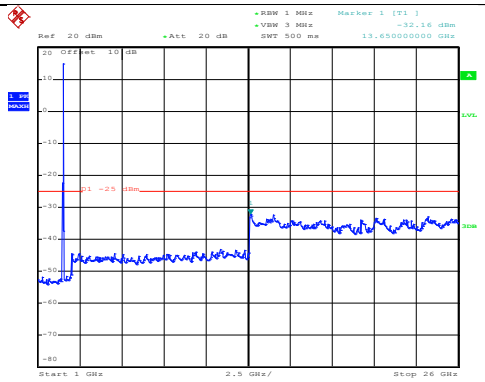
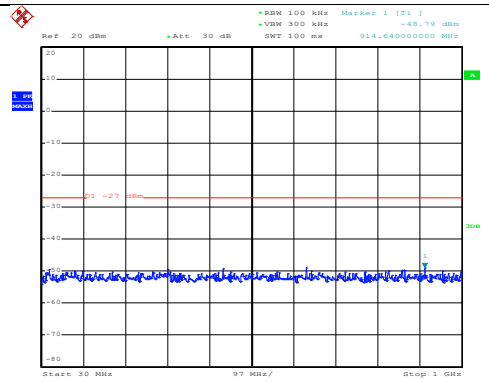
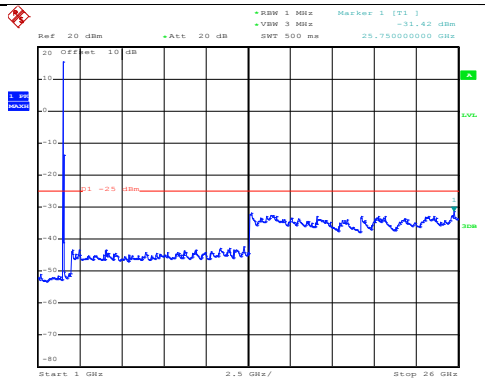
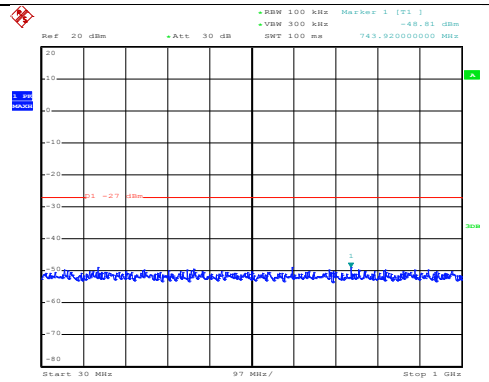
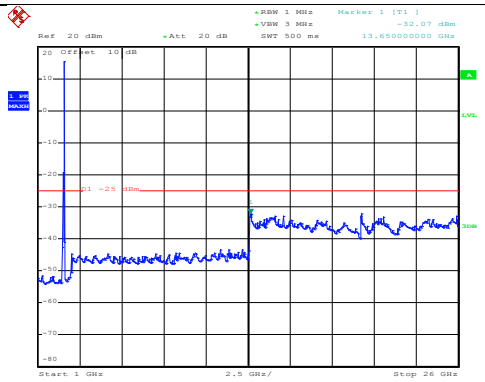
LTE Band 7: 16 QAM & RB Size 1	
BW: 15MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

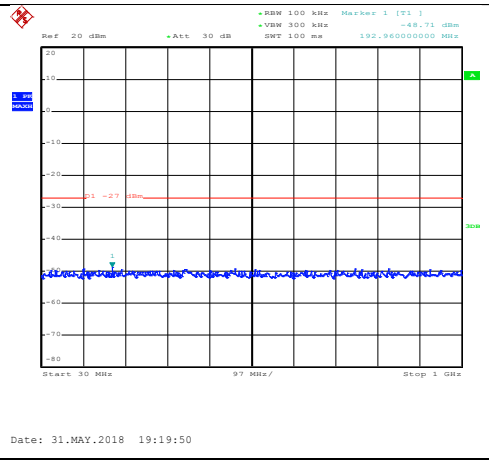
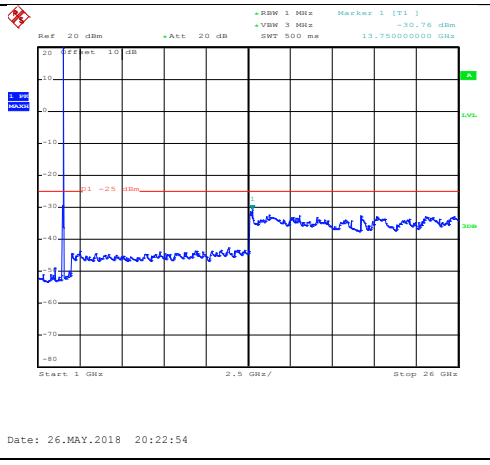
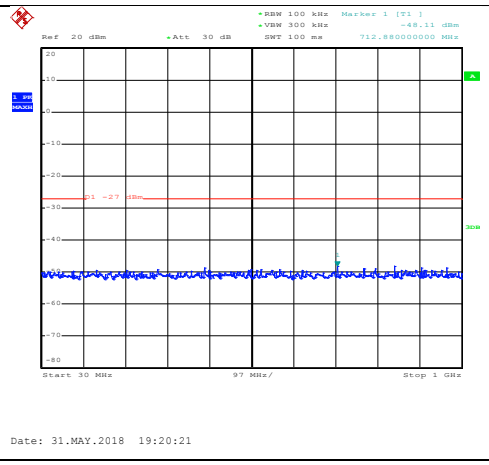
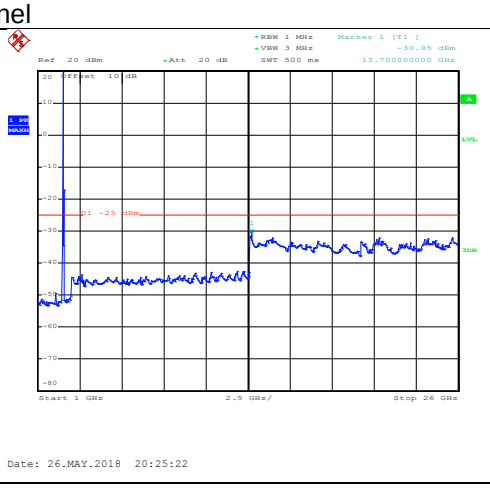
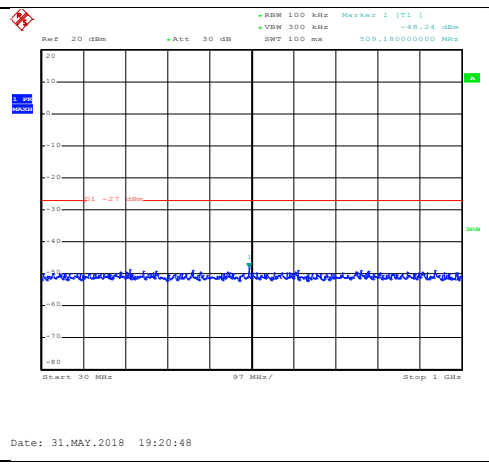
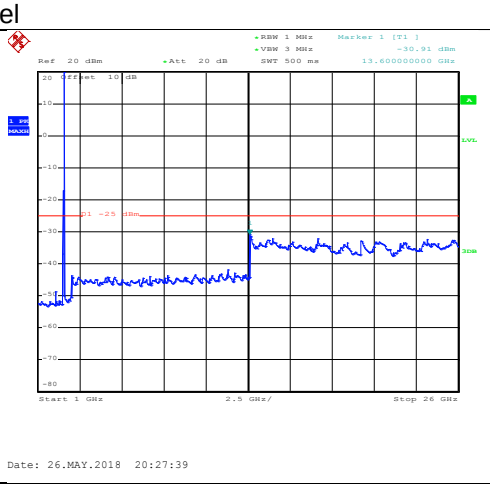
LTE Band 7: 16 QAM & RB Size 75	
BW: 15MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

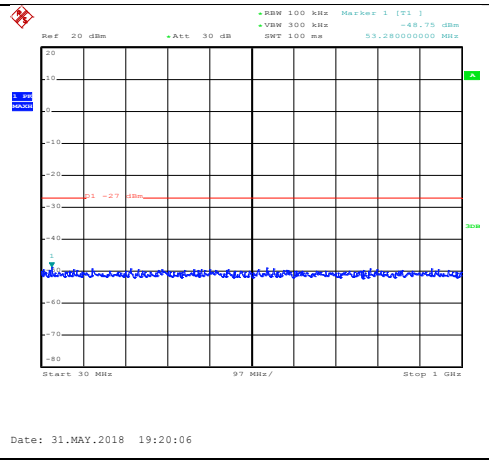
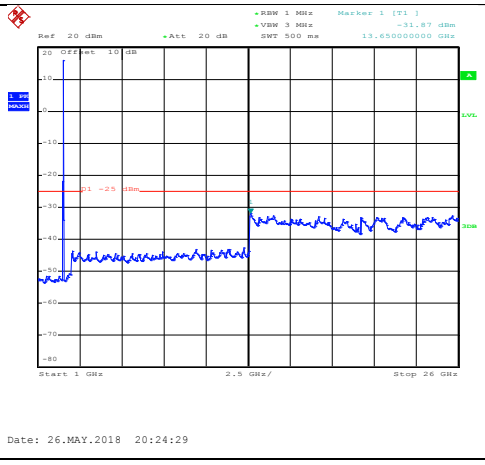
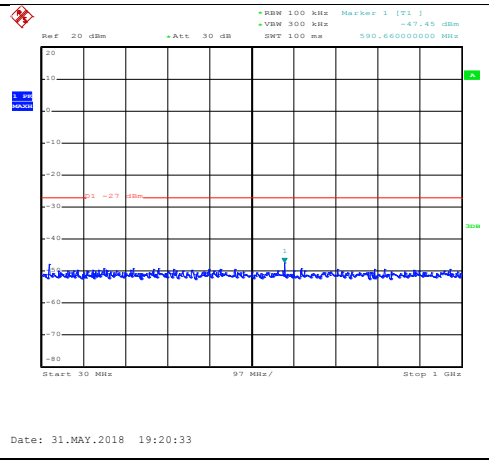
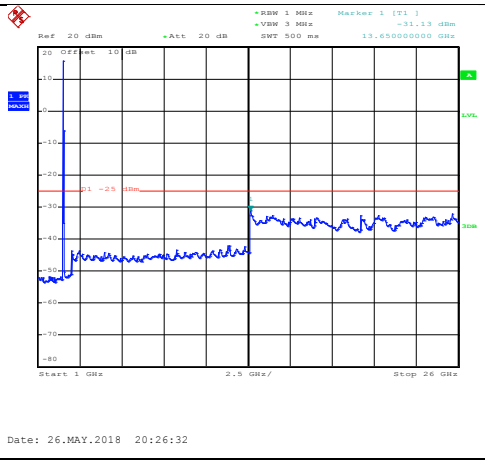
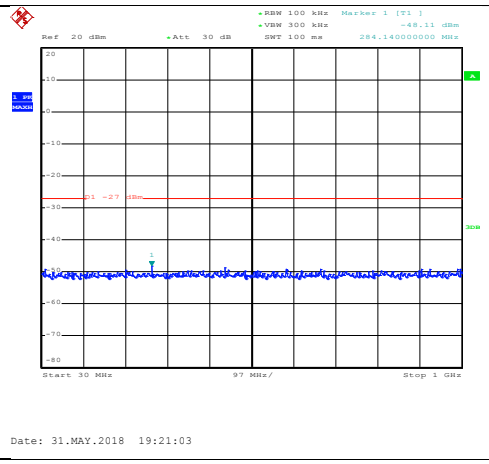
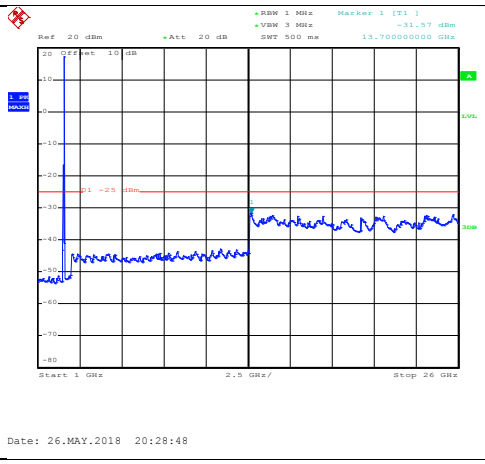
LTE Band 7: QPSK & RB Size 1	
BW: 15MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

LTE Band 7: QPSK & RB Size 75	
BW: 15MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

LTE Band 7: 16 QAM & RB Size 1	
BW: 20MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

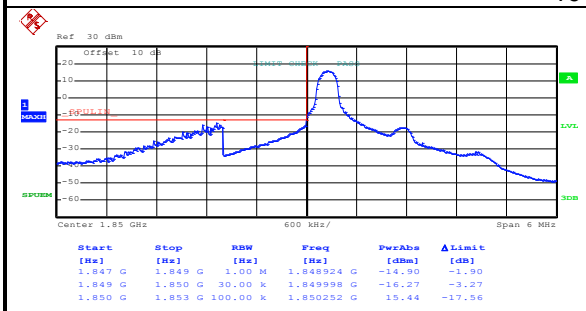
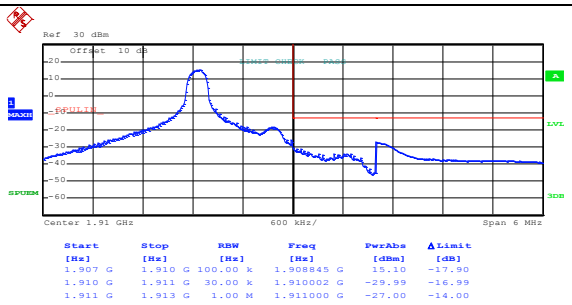
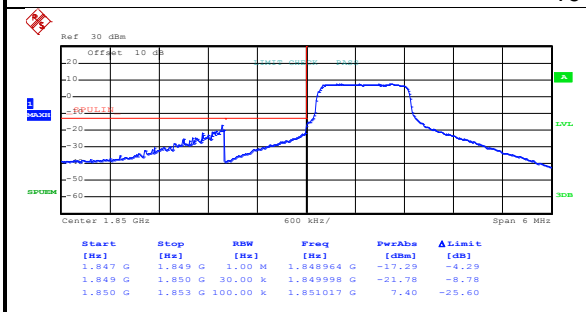
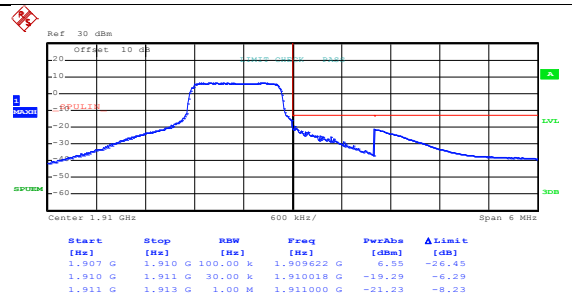
LTE Band 7: 16 QAM & RB Size 100	
BW: 20MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

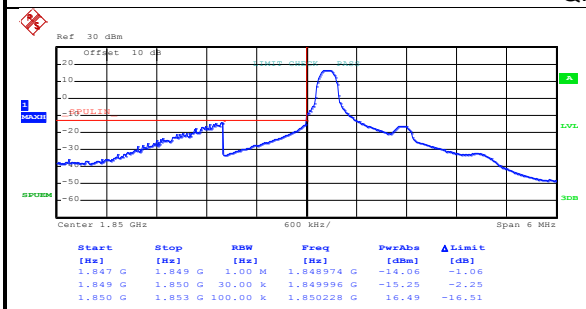
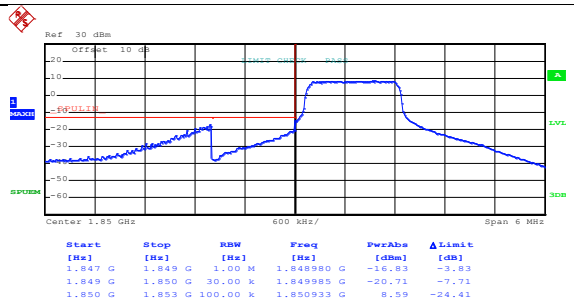
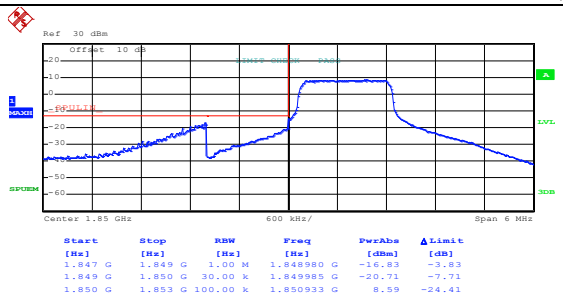
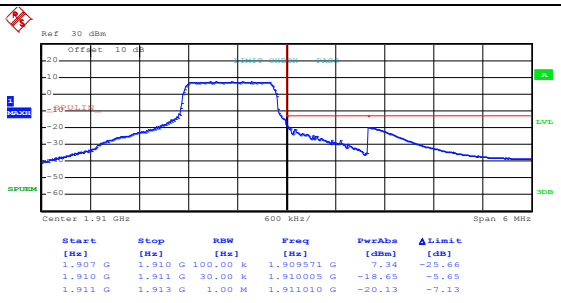
LTE Band 7: QPSK & RB Size 1	
BW: 20MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

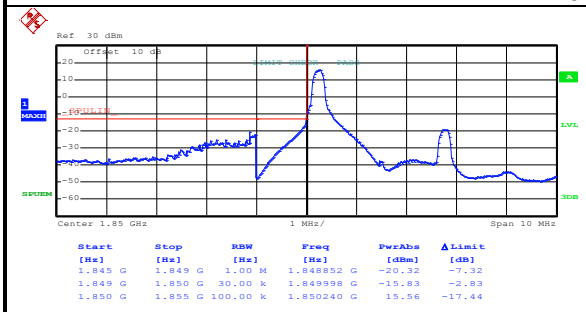
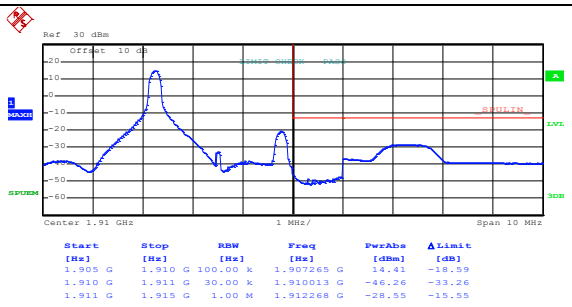
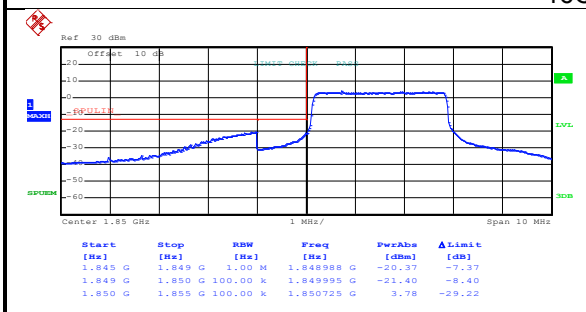
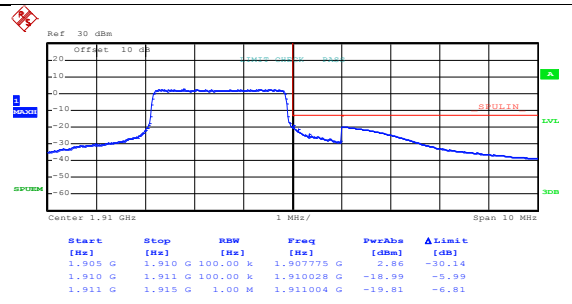
LTE Band 7: QPSK & RB Size 100	
BW: 20MHz	
Lowest channel	
	
30MHz~1GHz	1GHz~25GHz
Middle channel	
	
30MHz~1GHz	1GHz~25GHz
High channel	
	
30MHz~1GHz	1GHz~25GHz

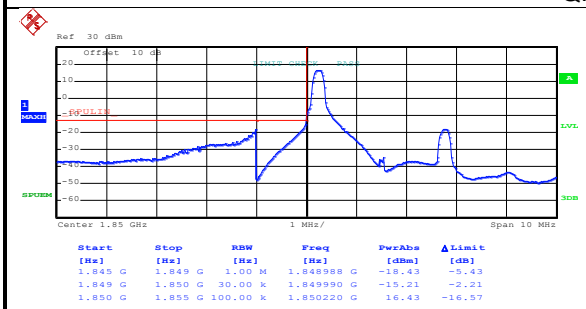
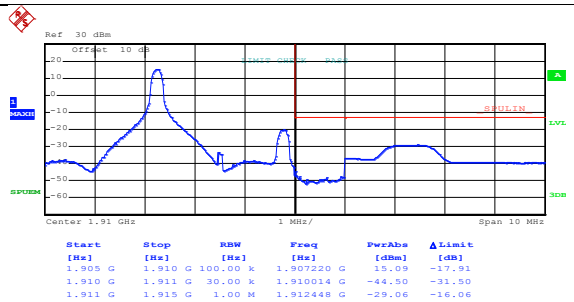
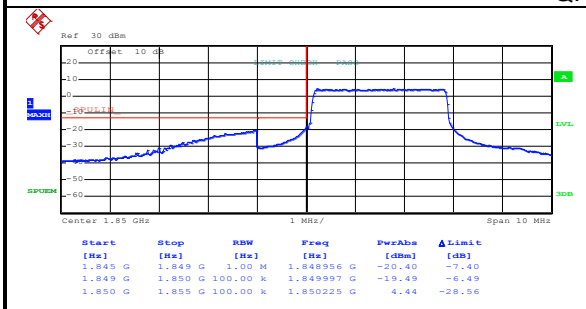
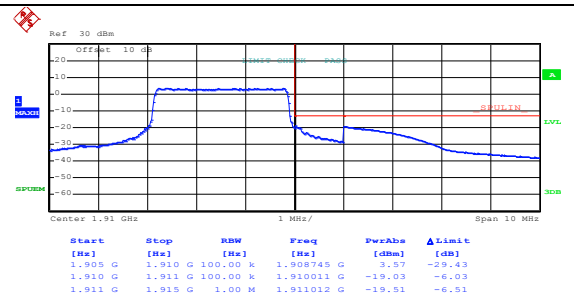
Band edge emission:

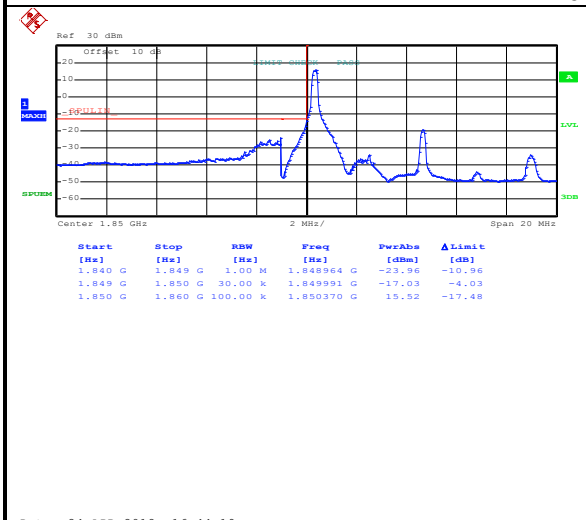
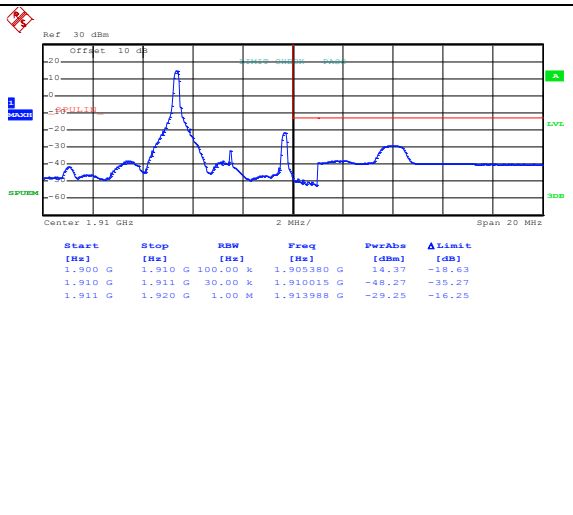
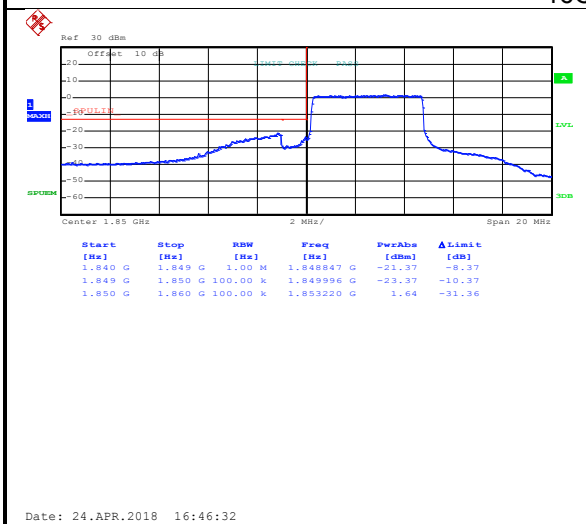
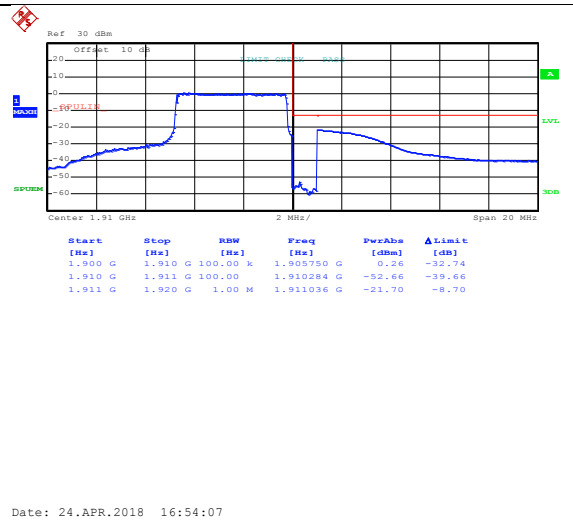
LTE Band 2 part:

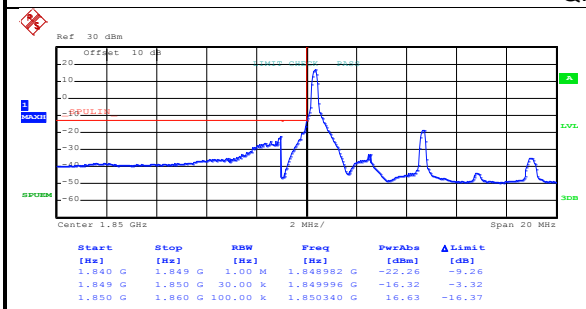
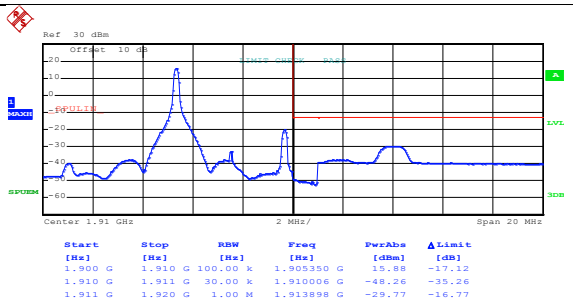
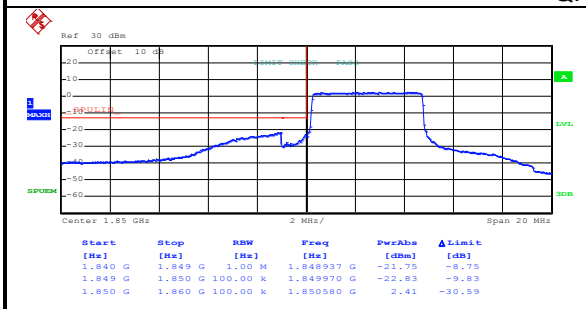
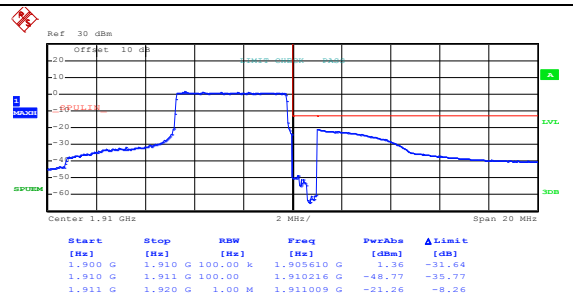
LTE Band 2, BW: 1.4MHz	
16QAM & RB Size 1	
 Date: 24.APR.2018 18:05:52	 Date: 24.APR.2018 16:24:36
Lowest channel	Highest channel
16QAM & RB Size 6	
 Date: 24.APR.2018 16:23:39	 Date: 24.APR.2018 16:27:15
Lowest channel	Highest channel

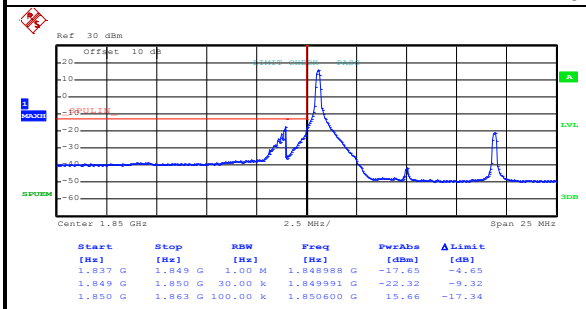
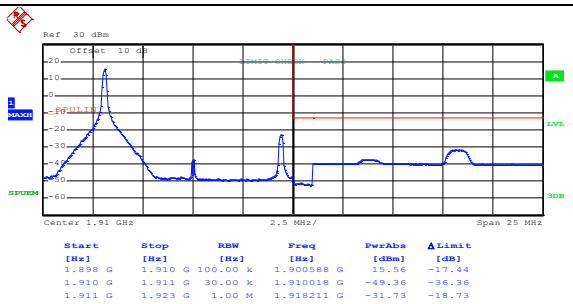
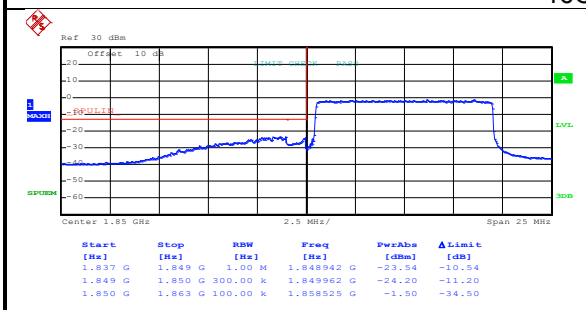
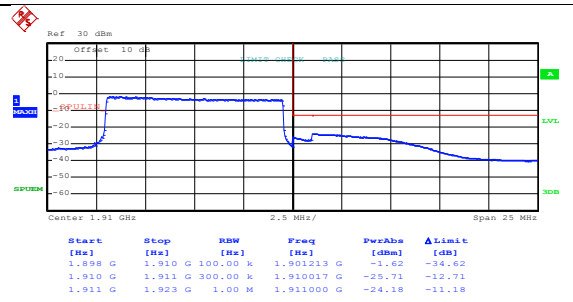
LTE Band 2, BW: 1.4MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.847 G 1.849 G 1.00 M 1.848974 G -14.06 -1.06 1.849 G 1.850 G 30.00 k 1.849996 G -15.25 -2.25 1.850 G 1.853 G 100.00 k 1.850228 G 16.49 -16.51 Date: 24.APR.2018 18:05:20	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.847 G 1.849 G 1.00 M 1.848980 G -16.83 -3.83 1.849 G 1.850 G 30.00 k 1.849985 G -20.71 -7.71 1.850 G 1.853 G 100.00 k 1.850933 G 8.59 -24.41 Date: 24.APR.2018 16:23:30
Lowest channel	Highest channel
QPSK & RB Size 6	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.847 G 1.849 G 1.00 M 1.848980 G -16.83 -3.83 1.849 G 1.850 G 30.00 k 1.849985 G -20.71 -7.71 1.850 G 1.853 G 100.00 k 1.850933 G 8.59 -24.41 Date: 24.APR.2018 16:23:30	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.907 G 1.910 G 100.00 k 1.909571 G 7.34 -25.66 1.910 G 1.911 G 30.00 k 1.910005 G -18.65 -5.65 1.911 G 1.913 G 1.00 M 1.911010 G -20.13 -7.13 Date: 24.APR.2018 16:27:03
Lowest channel	Highest channel

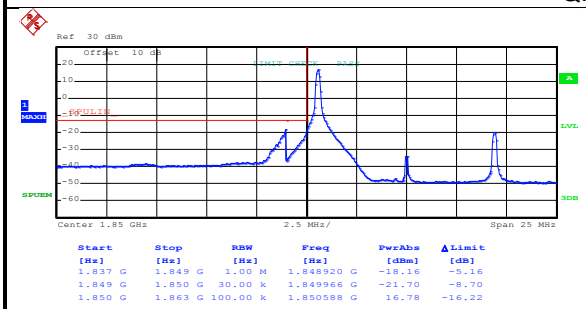
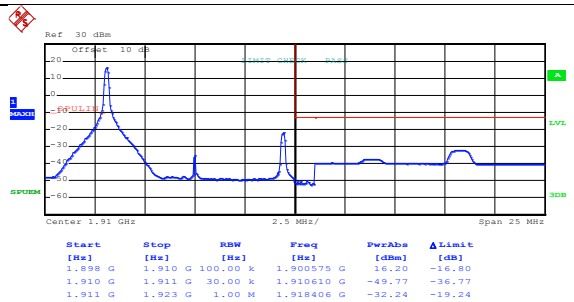
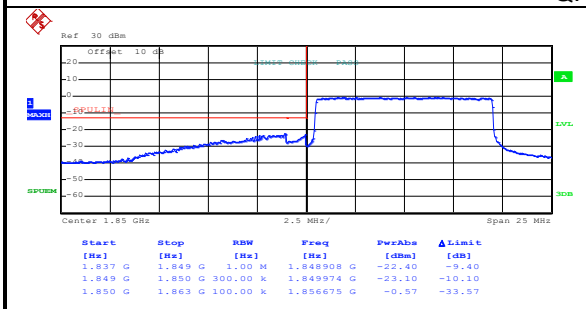
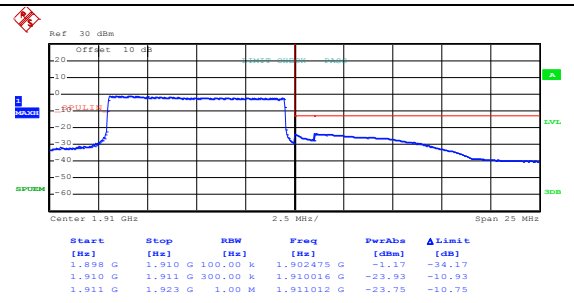
LTE Band 2, BW: 3MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.845 G 1.849 G 1.00 M 1.848852 G -20.32 -7.32 1.849 G 1.850 G 30.00 k 1.849998 G -15.83 -2.83 1.850 G 1.855 G 100.00 k 1.850240 G 15.56 -17.44 Date: 24.APR.2018 18:15:13	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.905 G 1.910 G 100.00 k 1.907265 G 14.41 -18.59 1.910 G 1.911 G 30.00 k 1.910013 G -46.26 -33.26 1.911 G 1.915 G 1.00 M 1.912268 G -28.55 -15.55 Date: 24.APR.2018 16:39:37
Lowest channel	Highest channel
16QAM & RB Size 15	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.845 G 1.849 G 1.00 M 1.848988 G -20.37 -7.37 1.849 G 1.850 G 100.00 k 1.849995 G -21.40 -8.40 1.850 G 1.855 G 100.00 k 1.850725 G 3.78 -29.22 Date: 24.APR.2018 16:36:39	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.905 G 1.910 G 100.00 k 1.907775 G 2.86 -30.14 1.910 G 1.911 G 100.00 k 1.910028 G -18.99 -5.99 1.911 G 1.915 G 1.00 M 1.911004 G -19.81 -6.81 Date: 24.APR.2018 16:42:20
Lowest channel	Highest channel

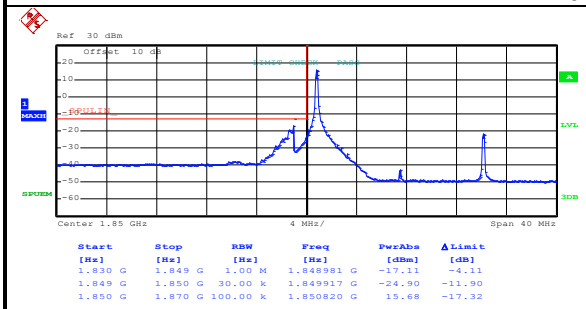
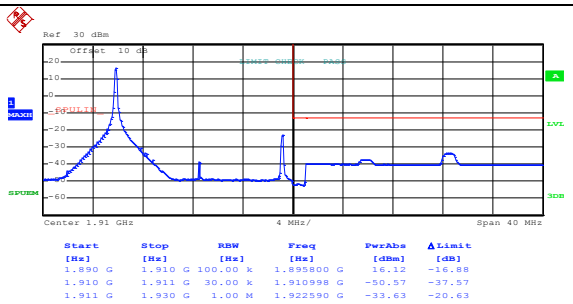
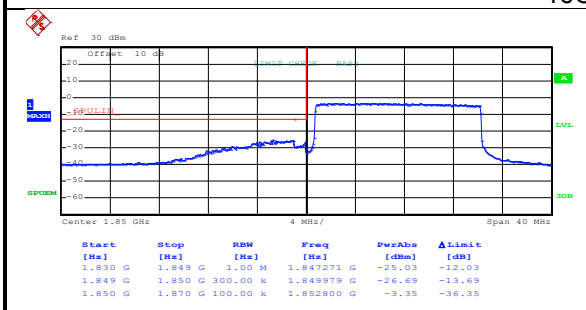
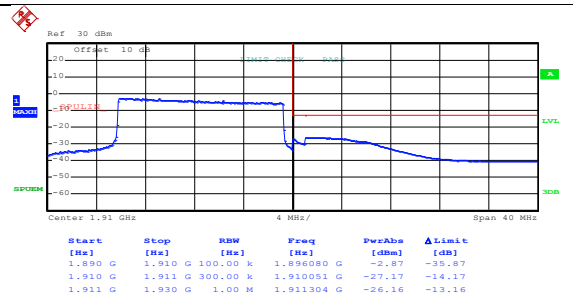
LTE Band 2, BW: 3MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.845 G 1.849 G 1.00 M 1.848988 G -18.43 -5.43 1.849 G 1.850 G 30.00 k 1.849990 G -15.21 -2.21 1.850 G 1.855 G 100.00 k 1.850220 G 16.43 -16.57 Date: 24.APR.2018 18:14:59	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.905 G 1.910 G 100.00 k 1.907220 G 15.09 -17.91 1.910 G 1.911 G 30.00 k 1.910014 G -44.50 -31.50 1.911 G 1.915 G 1.00 M 1.912448 G -29.06 -16.06 Date: 24.APR.2018 16:39:23
Lowest channel	Highest channel
QPSK & RB Size 15	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.845 G 1.849 G 1.00 M 1.848956 G -20.40 -7.40 1.849 G 1.850 G 100.00 k 1.849997 G -19.49 -6.49 1.850 G 1.855 G 100.00 k 1.850225 G 4.44 -28.56 Date: 24.APR.2018 16:36:27	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.905 G 1.910 G 100.00 k 1.908745 G 3.57 -29.43 1.910 G 1.911 G 100.00 k 1.910011 G -19.03 -6.03 1.911 G 1.915 G 1.00 M 1.911012 G -19.51 -6.51 Date: 24.APR.2018 16:42:08
Lowest channel	Highest channel

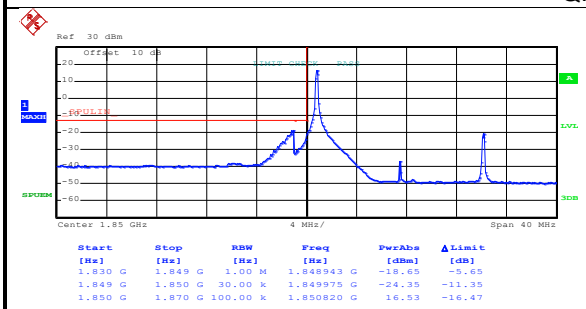
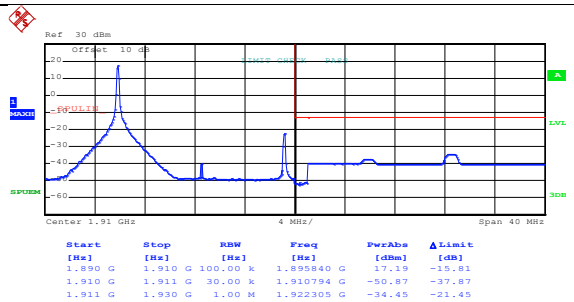
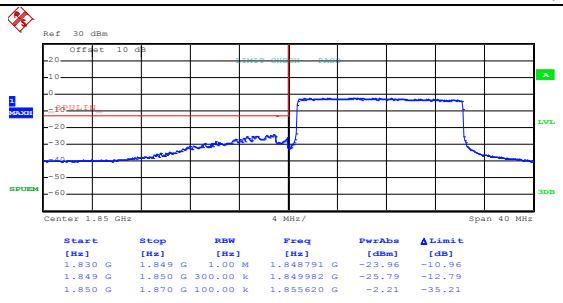
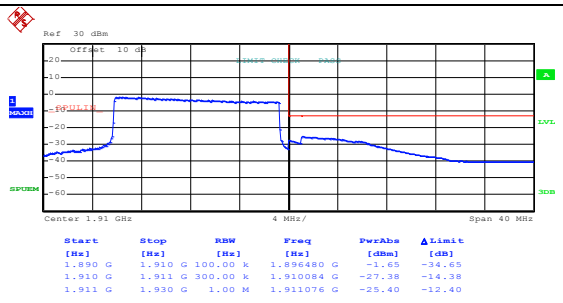
LTE Band 2, BW: 5MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.840 G 1.849 G 1.00 M 1.848964 G -23.96 -10.96 1.849 G 1.850 G 30.00 k 1.849991 G -17.03 -4.03 1.850 G 1.860 G 100.00 k 1.850370 G 15.52 -17.48 Date: 24.APR.2018 16:44:19	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.900 G 1.910 G 100.00 k 1.905380 G 14.37 -18.63 1.910 G 1.911 G 30.00 k 1.910015 G -48.27 -35.27 1.911 G 1.920 G 1.00 M 1.913988 G -29.25 -16.25 Date: 24.APR.2018 16:47:37
Lowest channel	Highest channel
16QAM & RB Size 25	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.840 G 1.849 G 1.00 M 1.848847 G -21.37 -8.37 1.849 G 1.850 G 100.00 k 1.849996 G -23.37 -10.37 1.850 G 1.860 G 100.00 k 1.853220 G 1.64 -31.36 Date: 24.APR.2018 16:46:32	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.900 G 1.910 G 100.00 k 1.905750 G 0.26 -32.74 1.910 G 1.911 G 100.00 1.910284 G -52.66 -39.66 1.911 G 1.920 G 1.00 M 1.911036 G -21.70 -8.70 Date: 24.APR.2018 16:54:07
Lowest channel	Highest channel

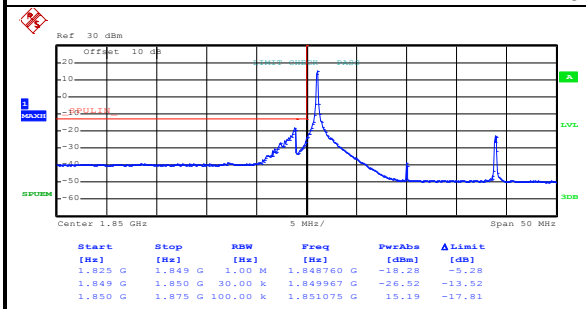
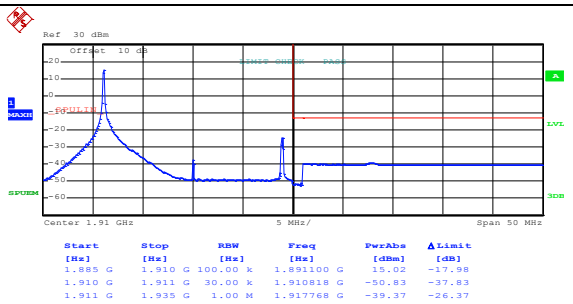
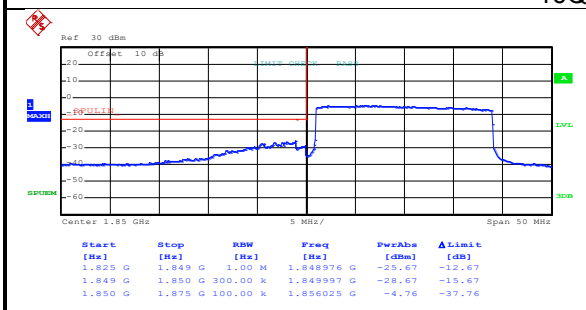
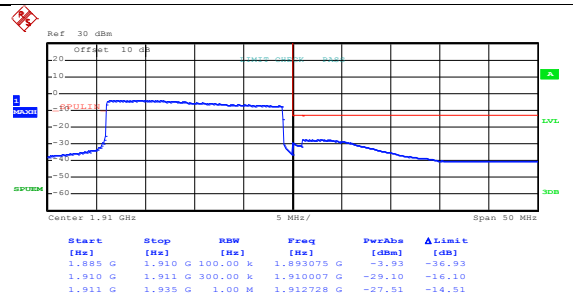
LTE Band 2, BW: 5MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.840 G 1.849 G 1.00 M 1.848982 G -22.26 -9.26 1.849 G 1.850 G 30.00 k 1.849996 G -16.32 -3.32 1.850 G 1.860 G 100.00 k 1.850340 G 16.63 -16.37 Date: 24.APR.2018 16:44:10	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.900 G 1.910 G 100.00 k 1.905350 G 15.88 -17.12 1.910 G 1.911 G 30.00 k 1.910006 G -48.26 -35.26 1.911 G 1.920 G 1.00 M 1.913898 G -29.77 -16.77 Date: 24.APR.2018 16:47:26
Lowest channel	Highest channel
QPSK & RB Size 25	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.840 G 1.849 G 1.00 M 1.848937 G -21.75 -8.75 1.849 G 1.850 G 100.00 k 1.849970 G -22.83 -9.83 1.850 G 1.860 G 100.00 k 1.850580 G 2.41 -30.59 Date: 24.APR.2018 16:46:23	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.900 G 1.910 G 100.00 k 1.905610 G 1.36 -31.64 1.910 G 1.911 G 100.00 1.910216 G -48.77 -35.77 1.911 G 1.920 G 1.00 M 1.911009 G -21.26 -8.26 Date: 24.APR.2018 16:53:41
Lowest channel	Highest channel

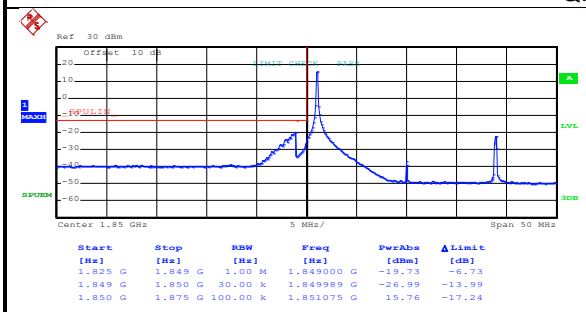
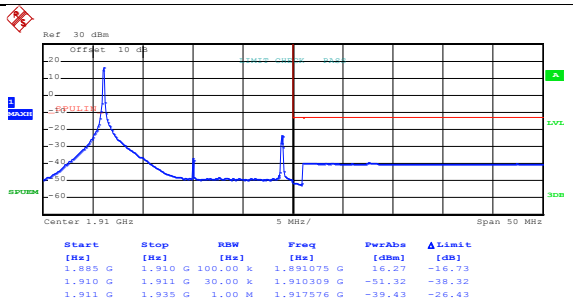
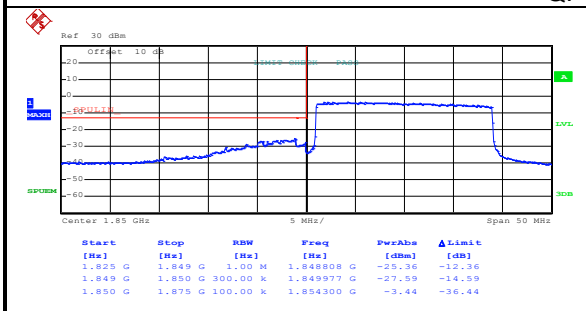
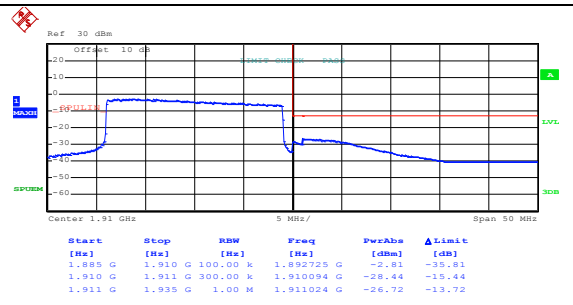
LTE Band 2, BW: 10MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.837 G 1.849 G 1.00 M 1.848988 G -17.65 -4.65 1.849 G 1.850 G 30.00 k 1.849991 G -22.32 -9.32 1.850 G 1.863 G 100.00 k 1.850600 G 15.66 -17.34 Date: 24.APR.2018 16:55:57	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.898 G 1.910 G 100.00 k 1.900588 G 15.56 -17.44 1.910 G 1.911 G 30.00 k 1.910018 G -49.36 -36.36 1.911 G 1.923 G 1.00 M 1.918211 G -31.73 -18.73 Date: 24.APR.2018 16:59:53
Lowest channel	Highest channel
16QAM & RB Size 50	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.837 G 1.849 G 1.00 M 1.848942 G -23.54 -10.54 1.849 G 1.850 G 300.00 k 1.849962 G -24.20 -11.20 1.850 G 1.863 G 100.00 k 1.858525 G -1.50 -34.50 Date: 24.APR.2018 16:59:07	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.898 G 1.910 G 100.00 k 1.901213 G -1.62 -34.62 1.910 G 1.911 G 300.00 k 1.910017 G -25.71 -12.71 1.911 G 1.923 G 1.00 M 1.911000 G -24.18 -11.18 Date: 24.APR.2018 17:06:33
Lowest channel	Highest channel

LTE Band 2, BW: 10MHz	
QPSK & RB Size 1	
	
Lowest channel	Highest channel
QPSK & RB Size 50	
	
Lowest channel	Highest channel

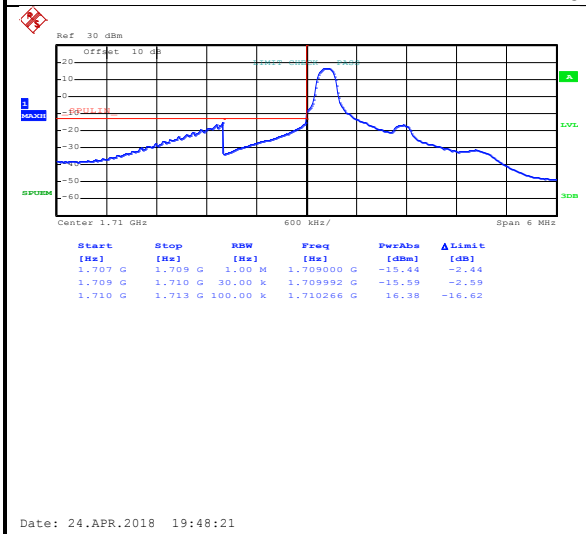
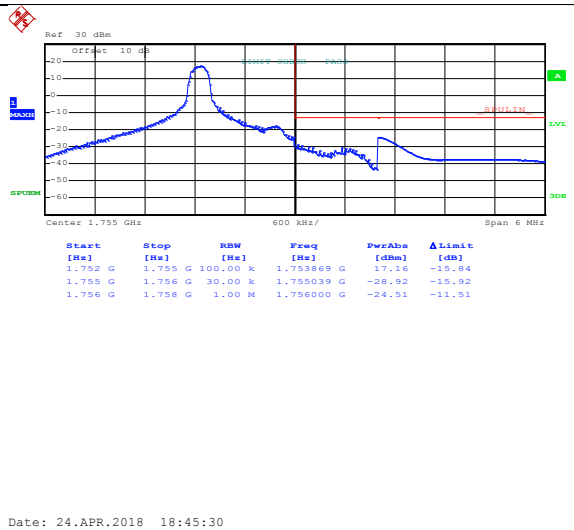
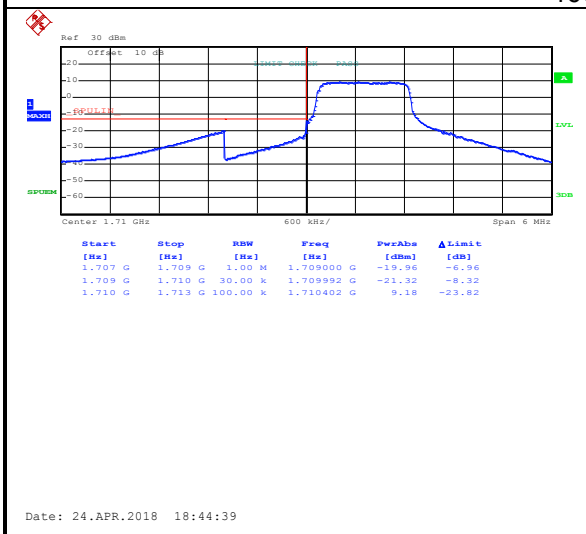
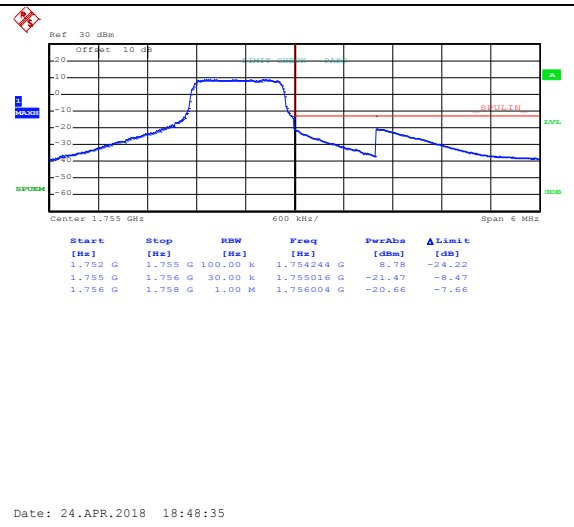
LTE Band 2, BW: 15MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.830 G 1.849 G 1.00 M 1.848981 G -17.11 -4.11 1.849 G 1.850 G 30.00 k 1.849917 G -24.90 -11.90 1.850 G 1.870 G 100.00 k 1.850820 G 15.68 -17.32 Date: 24.APR.2018 17:10:04	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.890 G 1.910 G 100.00 k 1.895800 G 16.12 -16.88 1.910 G 1.911 G 30.00 k 1.910998 G -50.57 -37.57 1.911 G 1.930 G 1.00 M 1.922590 G -33.63 -20.63 Date: 24.APR.2018 17:12:55
Lowest channel	Highest channel
16QAM & RB Size 75	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.830 G 1.849 G 1.00 M 1.847271 G -25.03 -12.03 1.849 G 1.850 G 300.00 k 1.849979 G -26.69 -13.69 1.850 G 1.870 G 100.00 k 1.852800 G -3.35 -36.35 Date: 24.APR.2018 17:12:12	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.890 G 1.910 G 100.00 k 1.896080 G -2.87 -35.87 1.910 G 1.911 G 300.00 k 1.910051 G -27.17 -14.17 1.911 G 1.930 G 1.00 M 1.911304 G -26.16 -13.16 Date: 24.APR.2018 17:19:57
Lowest channel	Highest channel

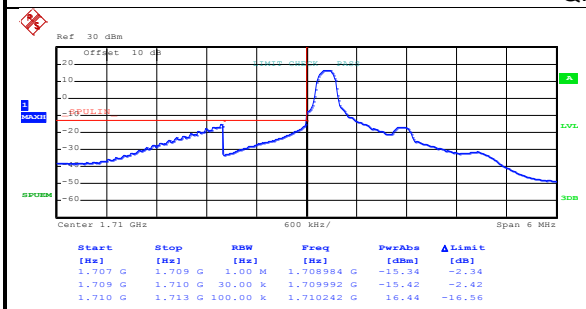
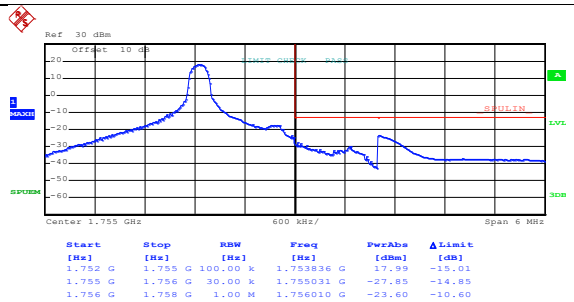
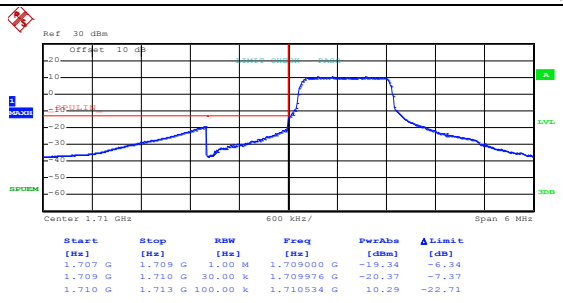
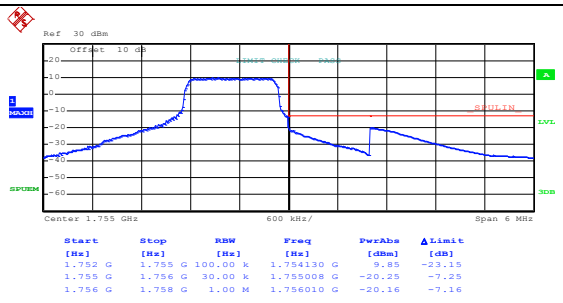
LTE Band 2, BW: 15MHz	
QPSK & RB Size 1	
	
Lowest channel	Highest channel
QPSK & RB Size 75	
	
Lowest channel	Highest channel

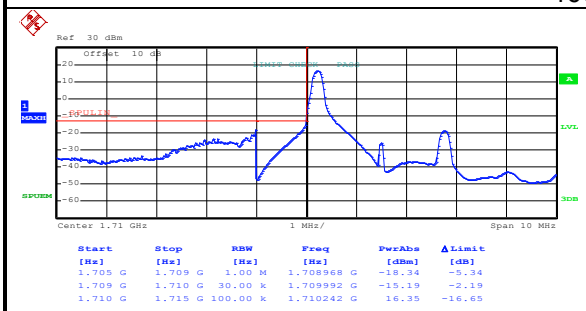
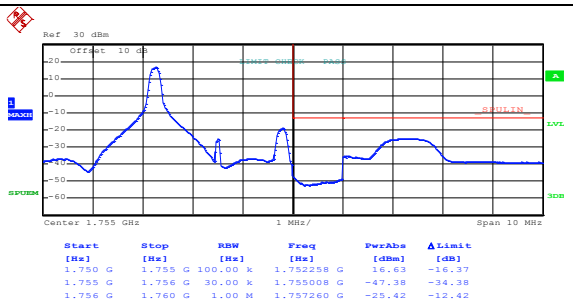
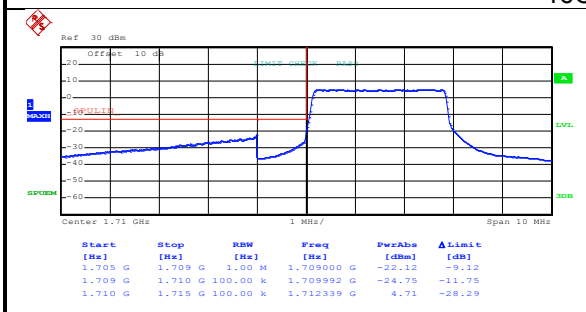
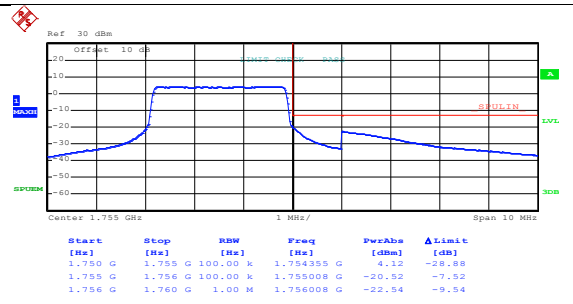
LTE Band 2, BW: 20MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.825 G 1.849 G 1.00 M 1.848760 G -18.28 -5.28 1.849 G 1.850 G 30.00 k 1.849967 G -26.52 -13.52 1.850 G 1.875 G 100.00 k 1.851075 G 15.19 -17.81 Date: 24.APR.2018 17:23:36	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.885 G 1.910 G 100.00 k 1.891100 G 15.02 -17.98 1.910 G 1.911 G 30.00 k 1.910818 G -50.83 -37.83 1.911 G 1.935 G 1.00 M 1.917768 G -39.37 -26.37 Date: 24.APR.2018 17:40:42
Lowest channel	Highest channel
16QAM & RB Size 100	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.825 G 1.849 G 1.00 M 1.848976 G -25.67 -12.67 1.849 G 1.850 G 300.00 k 1.849997 G -28.67 -15.67 1.850 G 1.875 G 100.00 k 1.856025 G -4.76 -37.76 Date: 24.APR.2018 17:26:13	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.885 G 1.910 G 100.00 k 1.893075 G -3.93 -36.93 1.910 G 1.911 G 300.00 k 1.910007 G -29.10 -16.10 1.911 G 1.935 G 1.00 M 1.912728 G -27.51 -14.51 Date: 24.APR.2018 17:47:35
Lowest channel	Highest channel

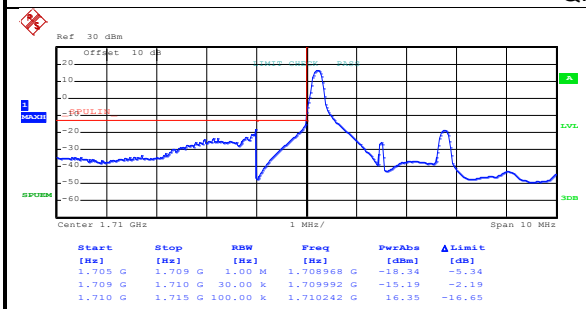
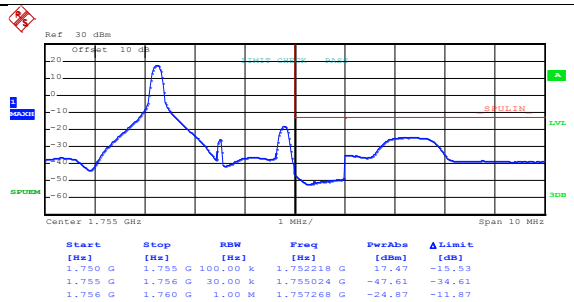
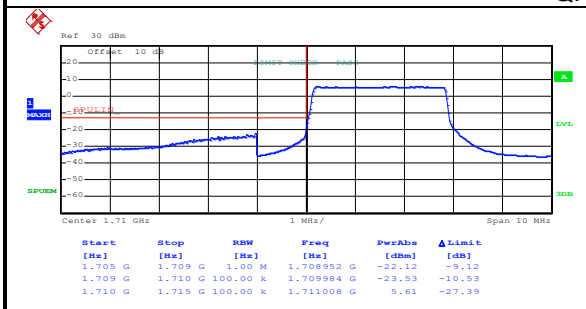
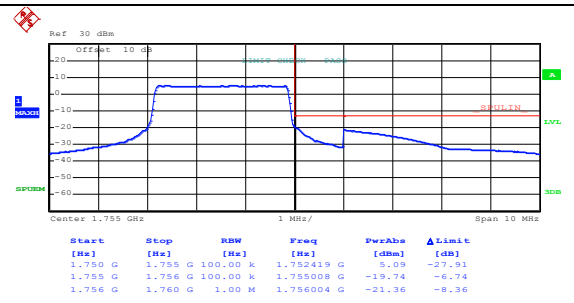
LTE Band 2, BW: 20MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.825 G 1.849 G 1.00 M 1.849000 G -19.73 -6.73 1.849 G 1.850 G 30.00 k 1.849989 G -26.99 -13.99 1.850 G 1.875 G 100.00 k 1.851075 G 15.76 -17.24 Date: 24.APR.2018 17:23:21	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.885 G 1.910 G 100.00 k 1.891075 G 16.27 -16.73 1.910 G 1.911 G 30.00 k 1.910309 G -51.32 -38.32 1.911 G 1.935 G 1.00 M 1.917576 G -39.43 -26.43 Date: 24.APR.2018 17:40:28
Lowest channel	Highest channel
QPSK & RB Size 100	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.825 G 1.849 G 1.00 M 1.848808 G -25.36 -12.36 1.849 G 1.850 G 300.00 k 1.849977 G -27.59 -14.59 1.850 G 1.875 G 100.00 k 1.854300 G -3.44 -36.44 Date: 24.APR.2018 17:26:04	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.885 G 1.910 G 100.00 k 1.892725 G -2.81 -35.81 1.910 G 1.911 G 300.00 k 1.910094 G -28.44 -15.44 1.911 G 1.935 G 1.00 M 1.911024 G -26.72 -13.72 Date: 24.APR.2018 17:47:50
Lowest channel	Highest channel

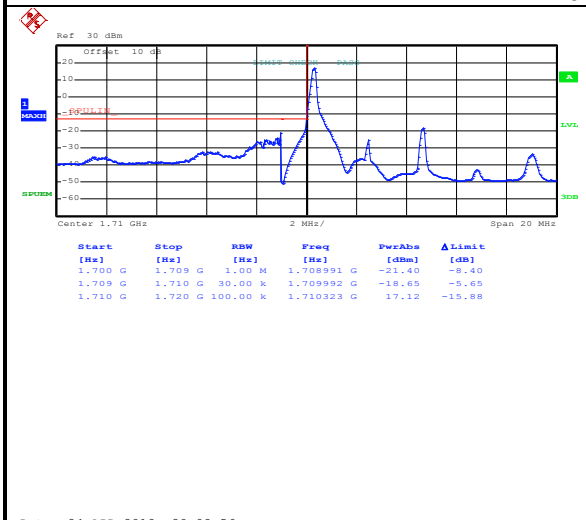
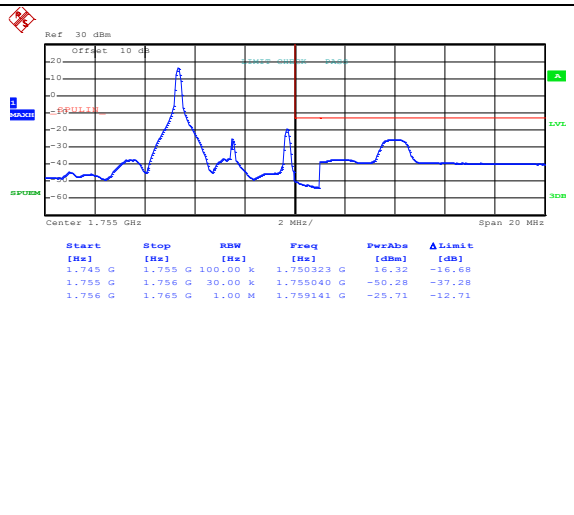
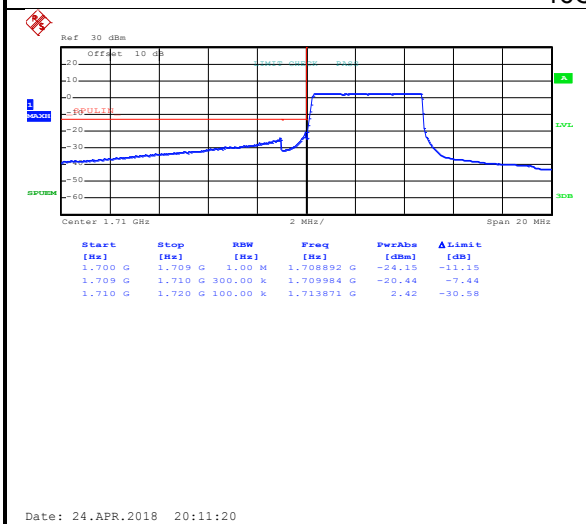
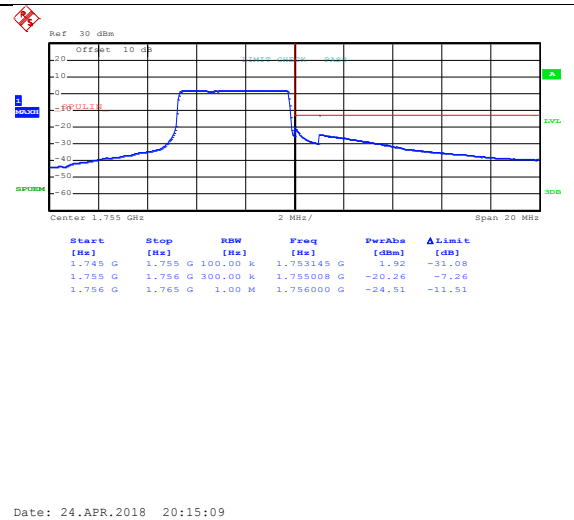
LTE Band 4 part:

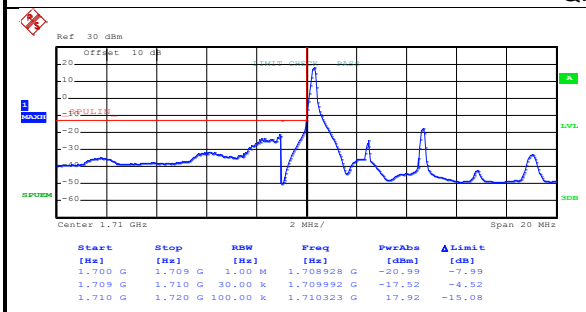
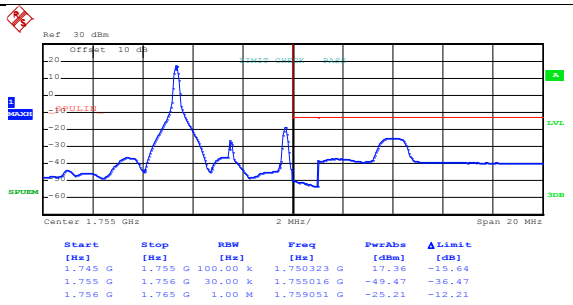
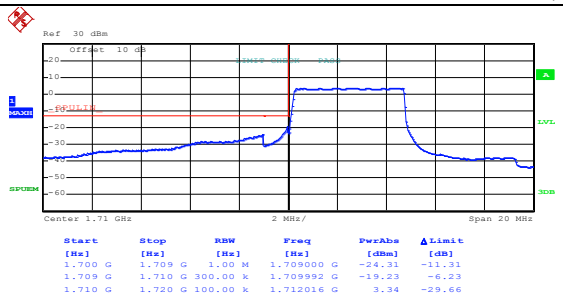
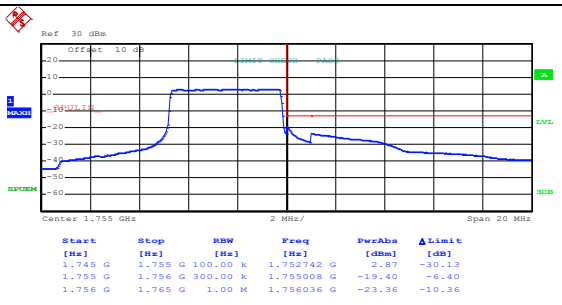
LTE Band 4, BW: 1.4MHz	
16QAM & RB Size 1	
	
Lowest channel	Highest channel
16QAM & RB Size 6	
	
Lowest channel	Highest channel

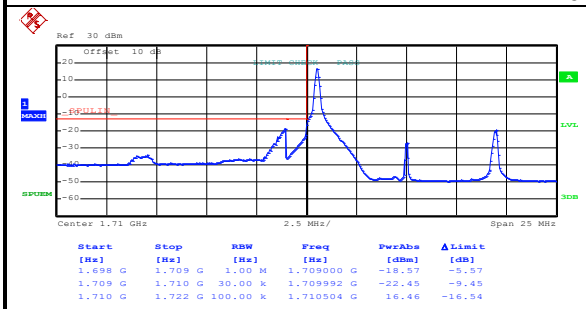
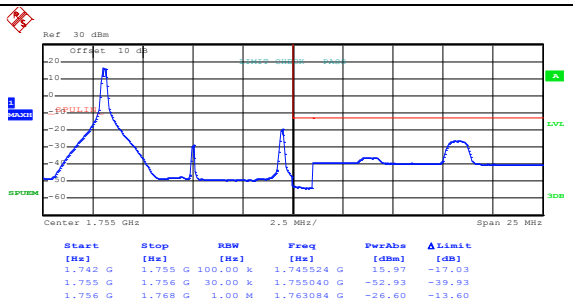
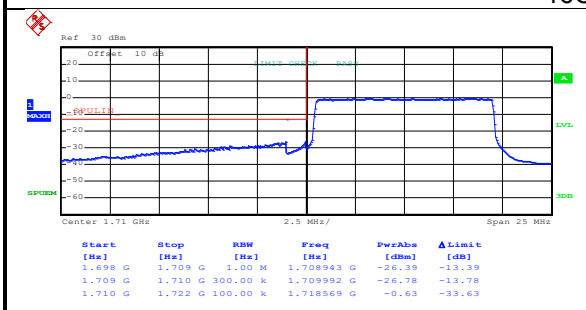
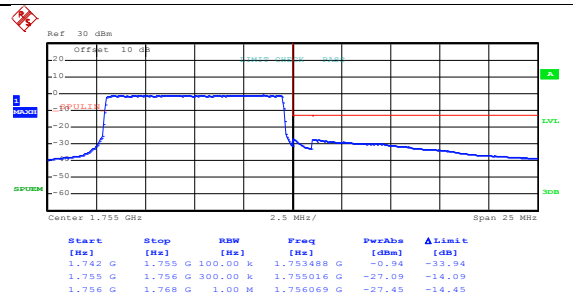
LTE Band 4, BW: 1.4MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.707 G 1.709 G 1.00 M 1.708984 G -15.34 -2.34 1.709 G 1.710 G 30.00 k 1.709992 G -15.42 -2.42 1.710 G 1.713 G 100.00 k 1.710242 G 16.44 -16.56 Date: 24.APR.2018 19:47:49	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.752 G 1.755 G 100.00 k 1.753836 G 17.99 -15.01 1.755 G 1.756 G 30.00 k 1.755031 G -27.85 -14.85 1.756 G 1.758 G 1.00 M 1.756010 G -23.60 -10.60 Date: 24.APR.2018 18:45:18
Lowest channel	Highest channel
QPSK & RB Size 6	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.707 G 1.709 G 1.00 M 1.709000 G -19.34 -6.34 1.709 G 1.710 G 30.00 k 1.709976 G -20.37 -7.37 1.710 G 1.713 G 100.00 k 1.710534 G 10.29 -22.71 Date: 24.APR.2018 18:44:32	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.752 G 1.755 G 100.00 k 1.754130 G 9.85 -23.15 1.755 G 1.756 G 30.00 k 1.755008 G -20.25 -7.25 1.756 G 1.758 G 1.00 M 1.756010 G -20.16 -7.16 Date: 24.APR.2018 18:48:24
Lowest channel	Highest channel

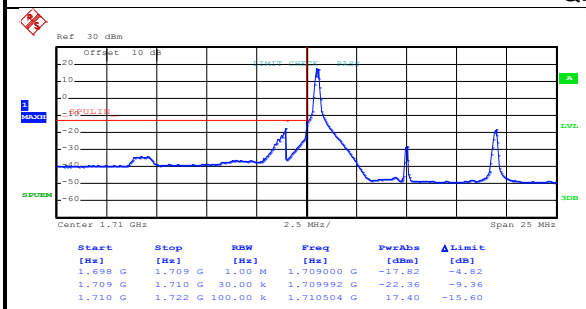
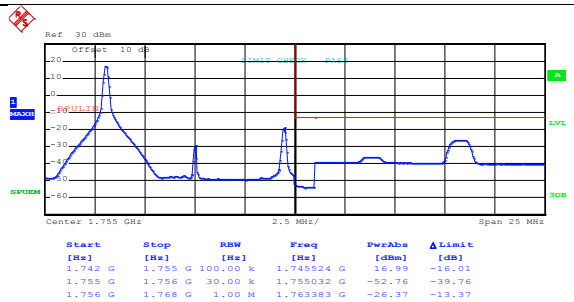
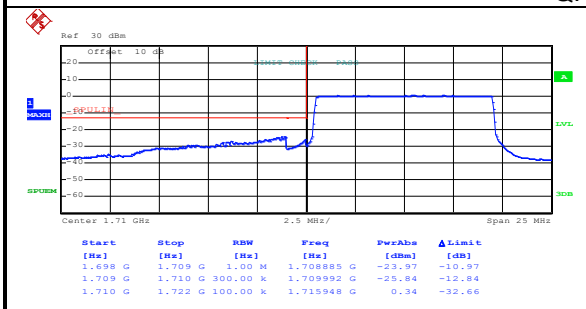
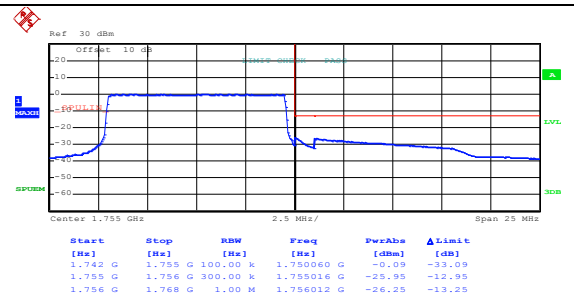
LTE Band 4, BW: 3MHz	
16QAM & RB Size 1	
	
Lowest channel	Highest channel
16QAM & RB Size 15	
	
Lowest channel	Highest channel

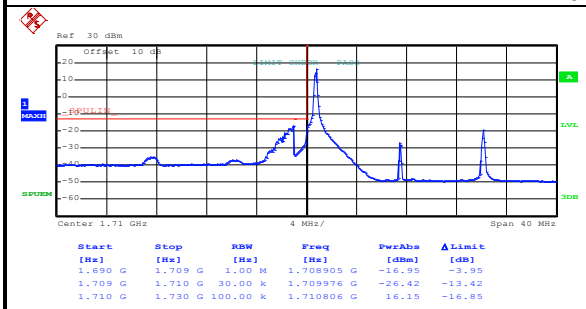
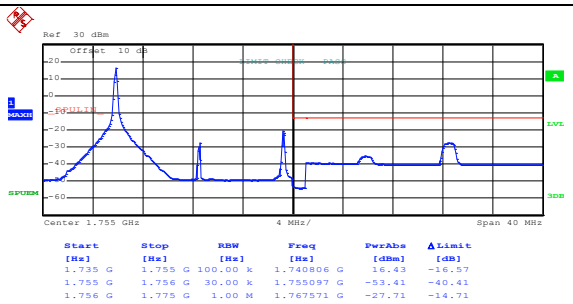
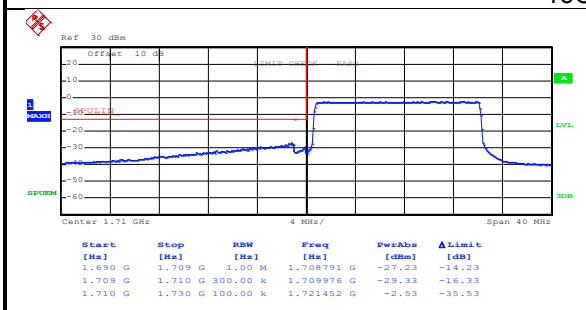
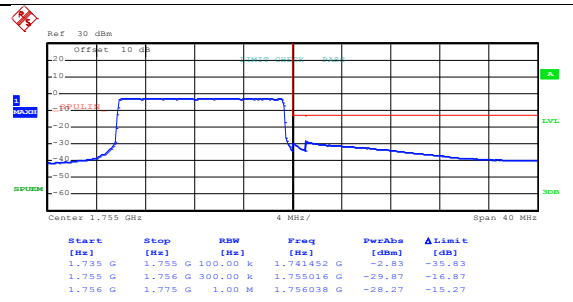
LTE Band 4, BW: 3MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.705 G 1.709 G 1.00 M 1.708968 G -18.34 -5.34 1.709 G 1.710 G 30.00 k 1.709992 G -15.19 -2.19 1.710 G 1.715 G 100.00 k 1.710242 G 16.35 -16.65 Date: 24.APR.2018 20:04:50	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.750 G 1.755 G 100.00 k 1.752218 G 17.47 -15.53 1.755 G 1.756 G 30.00 k 1.755024 G -47.61 -34.61 1.756 G 1.760 G 1.00 M 1.757268 G -24.87 -11.87 Date: 24.APR.2018 19:56:44
Lowest channel	Highest channel
QPSK & RB Size 15	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.705 G 1.709 G 1.00 M 1.708952 G -22.12 -9.12 1.709 G 1.710 G 100.00 k 1.709984 G -23.53 -10.53 1.710 G 1.715 G 100.00 k 1.711008 G 5.61 -27.39 Date: 24.APR.2018 19:55:51	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.750 G 1.755 G 100.00 k 1.752419 G 5.09 -27.91 1.755 G 1.756 G 100.00 k 1.755008 G -19.74 -6.74 1.756 G 1.760 G 1.00 M 1.756004 G -21.36 -8.36 Date: 24.APR.2018 19:59:15
Lowest channel	Highest channel

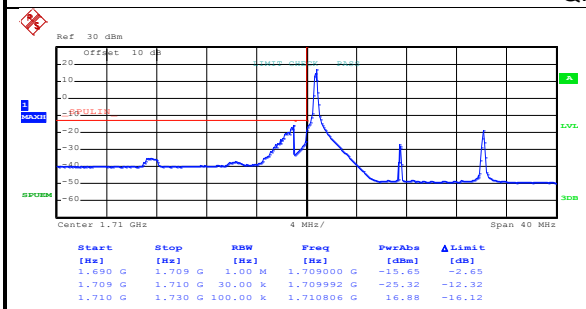
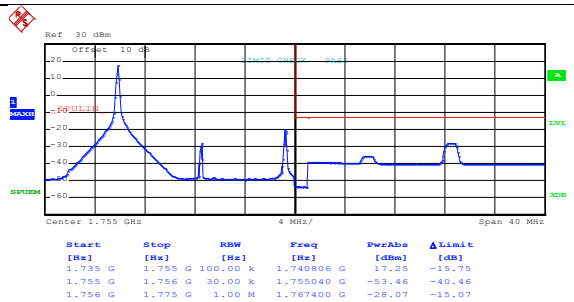
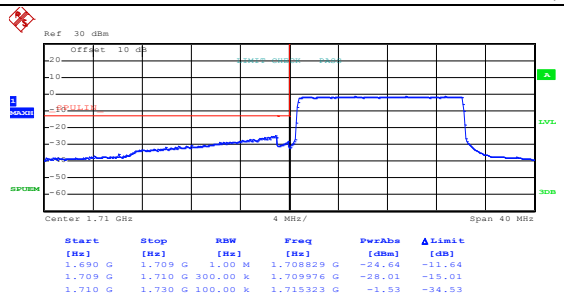
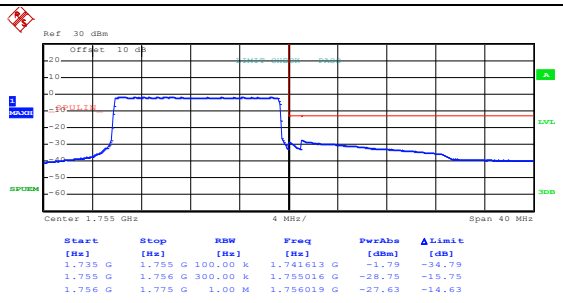
LTE Band 4, BW: 5MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.700 G 1.709 G 1.00 M 1.708991 G -21.40 -8.40 1.709 G 1.710 G 30.00 k 1.709992 G -18.65 -5.65 1.710 G 1.720 G 100.00 k 1.710323 G 17.12 -15.88 Date: 24.APR.2018 20:08:56	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.745 G 1.755 G 100.00 k 1.750323 G 16.32 -16.68 1.755 G 1.756 G 30.00 k 1.755040 G -50.28 -37.28 1.756 G 1.765 G 1.00 M 1.759141 G -25.71 -12.71 Date: 24.APR.2018 20:12:17
Lowest channel	Highest channel
16QAM & RB Size 25	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.700 G 1.709 G 1.00 M 1.708892 G -24.15 -11.15 1.709 G 1.710 G 300.00 k 1.709984 G -20.44 -7.44 1.710 G 1.720 G 100.00 k 1.713871 G 2.42 -30.58 Date: 24.APR.2018 20:11:20	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.745 G 1.755 G 100.00 k 1.753145 G 1.92 -31.08 1.755 G 1.756 G 300.00 k 1.755008 G -20.26 -7.26 1.756 G 1.765 G 1.00 M 1.756000 G -24.51 -11.51 Date: 24.APR.2018 20:15:09
Lowest channel	Highest channel

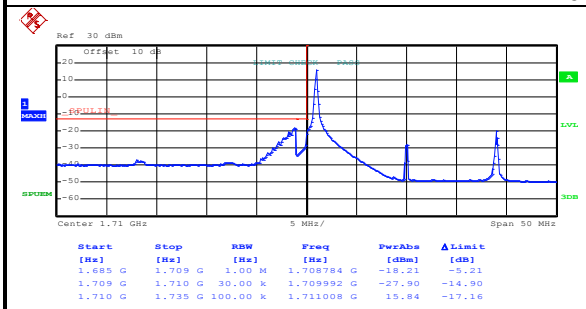
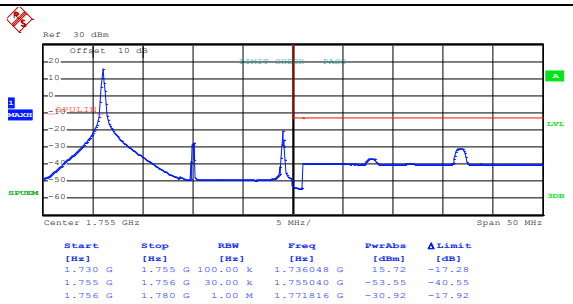
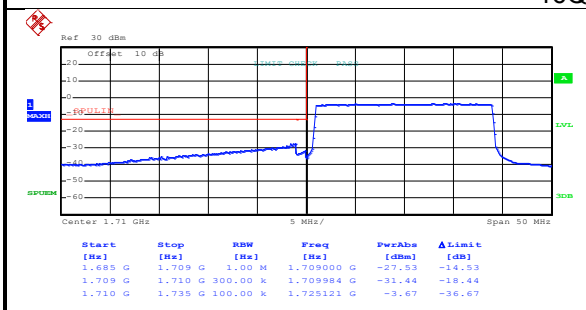
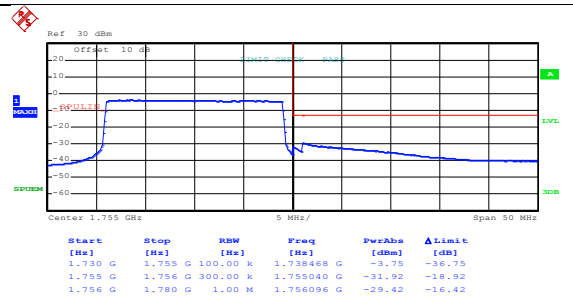
LTE Band 4, BW: 5MHz	
QPSK & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / Limit [dB] 1.700 G / 1.709 G / 1.00 M / 1.708928 G / -20.99 / -7.99 1.709 G / 1.710 G / 30.00 k / 1.709992 G / -17.52 / -4.52 1.710 G / 1.720 G / 100.00 k / 1.710323 G / 17.92 / -15.08 Date: 24.APR.2018 20:08:45	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / Limit [dB] 1.745 G / 1.755 G / 100.00 k / 1.750323 G / 17.36 / -15.64 1.755 G / 1.756 G / 30.00 k / 1.755016 G / -49.47 / -36.47 1.756 G / 1.765 G / 1.00 M / 1.759051 G / -25.21 / -12.21 Date: 24.APR.2018 20:12:03
Lowest channel	Highest channel
QPSK & RB Size 25	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / Limit [dB] 1.700 G / 1.709 G / 1.00 M / 1.709000 G / -24.31 / -11.31 1.709 G / 1.710 G / 300.00 k / 1.709992 G / -19.23 / -6.23 1.710 G / 1.720 G / 100.00 k / 1.712016 G / 3.34 / -29.66 Date: 24.APR.2018 20:11:12	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / Limit [dB] 1.745 G / 1.755 G / 100.00 k / 1.752742 G / 2.87 / -30.13 1.755 G / 1.756 G / 300.00 k / 1.755008 G / -19.40 / -6.40 1.756 G / 1.765 G / 1.00 M / 1.756036 G / -23.36 / -10.36 Date: 24.APR.2018 20:15:00
Lowest channel	Highest channel

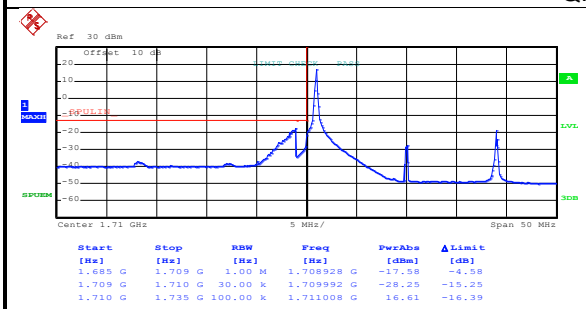
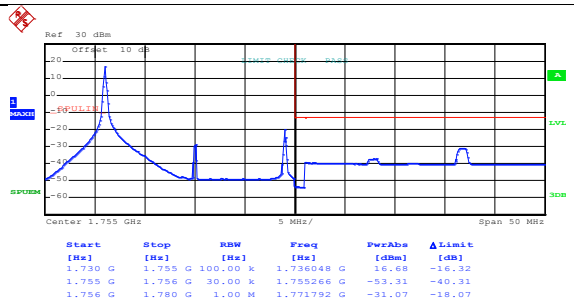
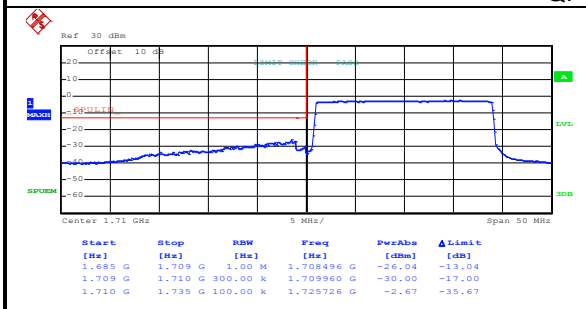
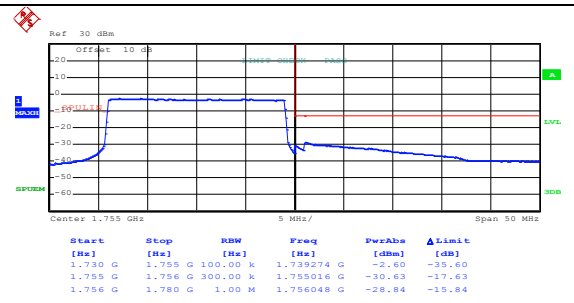
LTE Band 4, BW: 10MHz	
16QAM & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 1.698 G / 1.709 G / 1.00 M / 1.709000 G / -18.57 / -5.57 1.709 G / 1.710 G / 30.00 k / 1.709992 G / -22.45 / -9.45 1.710 G / 1.722 G / 100.00 k / 1.710504 G / 16.46 / -16.54 Date: 24.APR.2018 20:18:28	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 1.742 G / 1.755 G / 100.00 k / 1.745524 G / 15.97 / -17.03 1.755 G / 1.756 G / 30.00 k / 1.755040 G / -52.93 / -39.93 1.756 G / 1.768 G / 1.00 M / 1.763084 G / -26.60 / -13.60 Date: 24.APR.2018 20:24:05
Lowest channel	Highest channel
16QAM & RB Size 50	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 1.698 G / 1.709 G / 1.00 M / 1.708943 G / -26.39 / -13.39 1.709 G / 1.710 G / 300.00 k / 1.709992 G / -26.78 / -13.78 1.710 G / 1.722 G / 100.00 k / 1.718569 G / -0.63 / -33.63 Date: 24.APR.2018 20:22:48	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 1.742 G / 1.755 G / 100.00 k / 1.753488 G / -0.94 / -33.94 1.755 G / 1.756 G / 300.00 k / 1.755016 G / -27.09 / -14.09 1.756 G / 1.768 G / 1.00 M / 1.756069 G / -27.45 / -14.45 Date: 24.APR.2018 20:26:32
Lowest channel	Highest channel

LTE Band 4, BW: 10MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.698 G 1.709 G 1.00 M 1.709000 G -17.82 -4.82 1.709 G 1.710 G 30.00 k 1.709992 G -22.36 -9.36 1.710 G 1.722 G 100.00 k 1.710504 G 17.40 -15.60 Date: 24.APR.2018 20:18:15	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.742 G 1.755 G 100.00 k 1.745524 G 16.99 -16.01 1.755 G 1.756 G 30.00 k 1.755032 G -52.76 -39.76 1.756 G 1.768 G 1.00 M 1.763383 G -26.37 -13.37 Date: 24.APR.2018 20:23:51
Lowest channel	Highest channel
QPSK & RB Size 50	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.698 G 1.709 G 1.00 M 1.708885 G -23.97 -10.97 1.709 G 1.710 G 300.00 k 1.709992 G -25.84 -12.84 1.710 G 1.722 G 100.00 k 1.715948 G 0.34 -32.66 Date: 24.APR.2018 20:22:39	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.742 G 1.755 G 100.00 k 1.750060 G -0.09 -33.09 1.755 G 1.756 G 300.00 k 1.755016 G -25.95 -12.95 1.756 G 1.768 G 1.00 M 1.756012 G -26.25 -13.25 Date: 24.APR.2018 20:26:22
Lowest channel	Highest channel

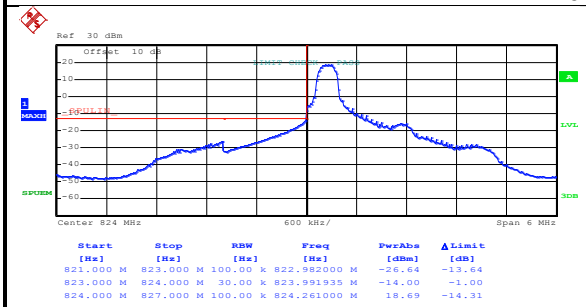
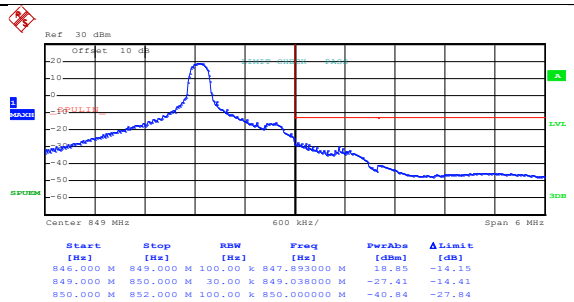
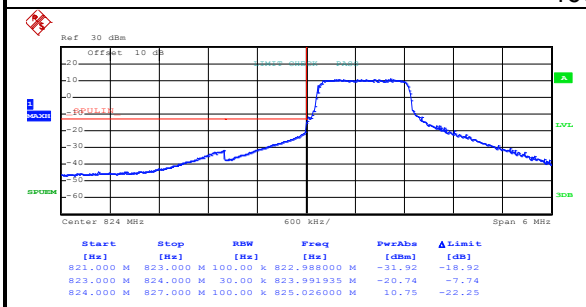
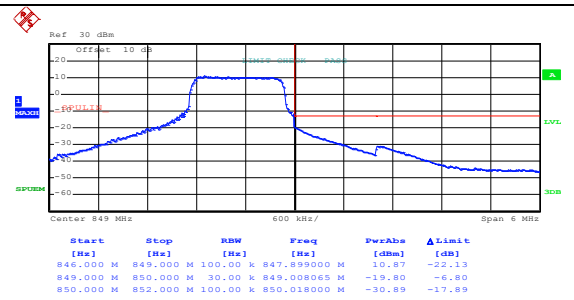
LTE Band 4, BW: 15MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.690 G 1.709 G 1.00 M 1.708905 G -16.95 -3.95 1.709 G 1.710 G 30.00 k 1.709976 G -26.42 -13.42 1.710 G 1.730 G 100.00 k 1.710806 G 16.15 -16.85 Date: 24.APR.2018 20:33:26	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.735 G 1.755 G 100.00 k 1.740806 G 16.43 -16.57 1.755 G 1.756 G 30.00 k 1.755097 G -53.41 -40.41 1.756 G 1.775 G 1.00 M 1.767571 G -27.71 -14.71 Date: 24.APR.2018 20:36:02
Lowest channel	Highest channel
16QAM & RB Size 75	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.690 G 1.709 G 1.00 M 1.708791 G -27.23 -14.23 1.709 G 1.710 G 300.00 k 1.709976 G -29.33 -16.33 1.710 G 1.730 G 100.00 k 1.721452 G -2.53 -35.53 Date: 24.APR.2018 20:35:16	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.735 G 1.755 G 100.00 k 1.741452 G -2.83 -35.83 1.755 G 1.756 G 300.00 k 1.755016 G -29.87 -16.87 1.756 G 1.775 G 1.00 M 1.756038 G -28.27 -15.27 Date: 24.APR.2018 20:38:13
Lowest channel	Highest channel

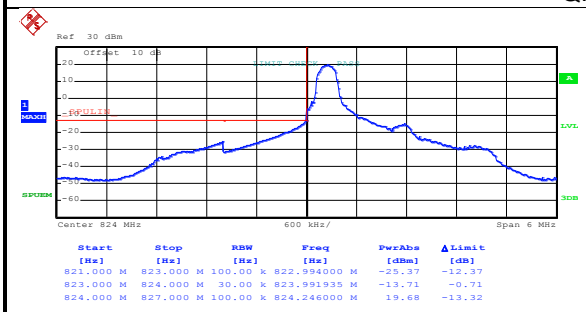
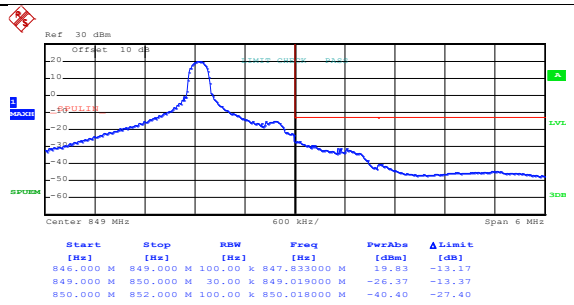
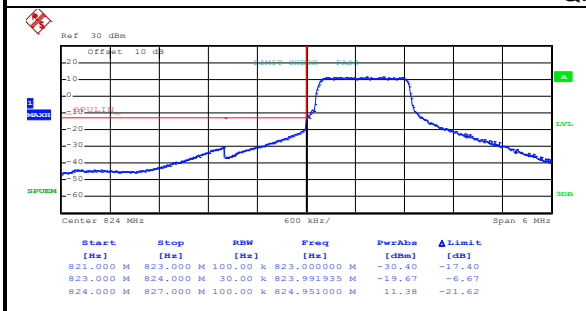
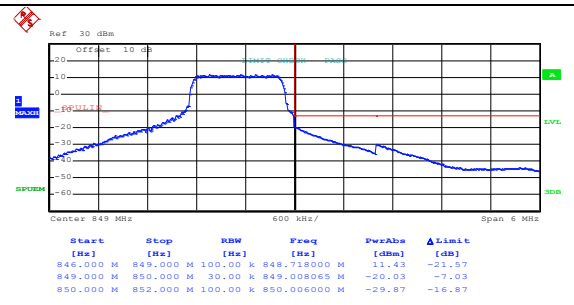
LTE Band 4, BW: 15MHz	
QPSK & RB Size 1	
	
Lowest channel	Highest channel
QPSK & RB Size 75	
	
Lowest channel	Highest channel

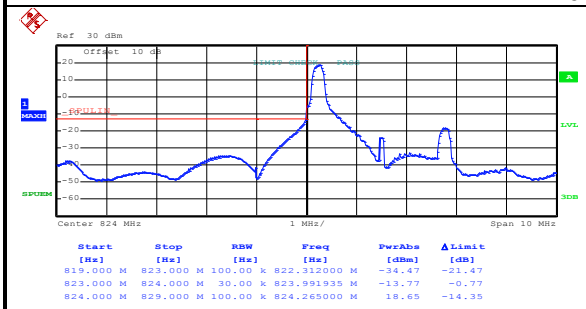
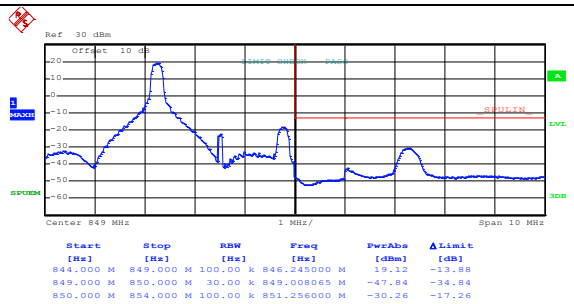
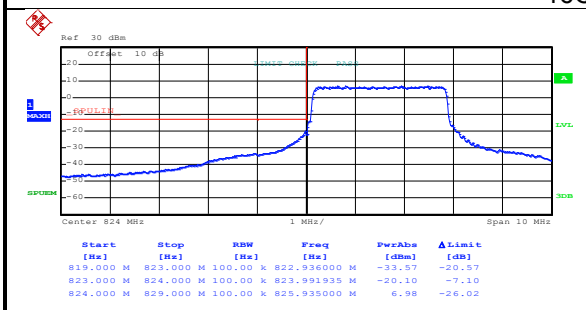
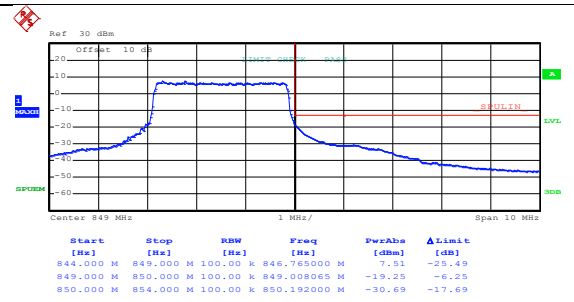
LTE Band 4, BW: 20MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.685 G 1.709 G 1.00 M 1.708784 G -18.21 -5.21 1.709 G 1.710 G 30.00 k 1.709992 G -27.90 -14.90 1.710 G 1.735 G 100.00 k 1.711008 G 15.84 -17.16 Date: 24.APR.2018 20:39:47	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.730 G 1.755 G 100.00 k 1.736048 G 15.72 -17.28 1.755 G 1.756 G 30.00 k 1.755040 G -53.55 -40.55 1.756 G 1.780 G 1.00 M 1.771816 G -30.92 -17.92 Date: 24.APR.2018 20:42:47
Lowest channel	Highest channel
16QAM & RB Size 100	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.685 G 1.709 G 1.00 M 1.709000 G -27.53 -14.53 1.709 G 1.710 G 300.00 k 1.709984 G -31.44 -18.44 1.710 G 1.735 G 100.00 k 1.725121 G -3.67 -36.67 Date: 24.APR.2018 20:41:56	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.730 G 1.755 G 100.00 k 1.738468 G -3.75 -36.75 1.755 G 1.756 G 300.00 k 1.755040 G -31.92 -18.92 1.756 G 1.780 G 1.00 M 1.756096 G -29.42 -16.42 Date: 24.APR.2018 20:44:55
Lowest channel	Highest channel

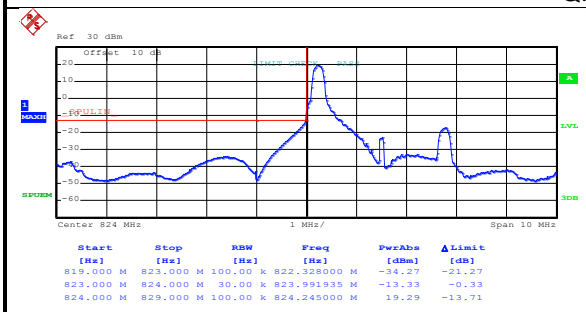
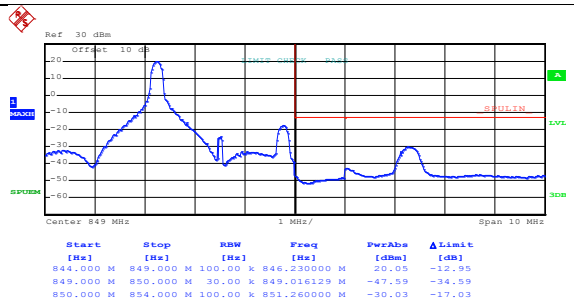
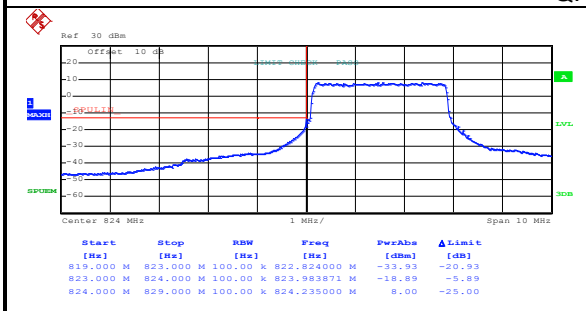
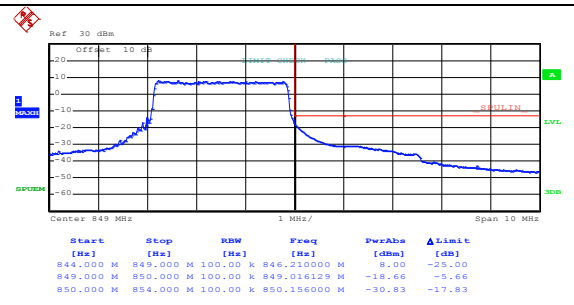
LTE Band 4, BW: 20MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.685 G 1.709 G 1.00 M 1.708928 G -17.58 -4.58 1.709 G 1.710 G 30.00 k 1.709992 G -28.25 -15.25 1.710 G 1.735 G 100.00 k 1.711008 G 16.61 -16.39 Date: 24.APR.2018 20:39:33	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.730 G 1.755 G 100.00 k 1.736048 G 16.68 -16.32 1.755 G 1.756 G 30.00 k 1.755266 G -53.31 -40.31 1.756 G 1.780 G 1.00 M 1.771792 G -31.07 -18.07 Date: 24.APR.2018 20:42:36
Lowest channel	Highest channel
QPSK & RB Size 100	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.685 G 1.709 G 1.00 M 1.708496 G -26.04 -13.04 1.709 G 1.710 G 300.00 k 1.709960 G -30.00 -17.00 1.710 G 1.735 G 100.00 k 1.725726 G -2.67 -35.67 Date: 24.APR.2018 20:41:46	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 1.730 G 1.755 G 100.00 k 1.739274 G -2.60 -35.60 1.755 G 1.756 G 300.00 k 1.755016 G -30.63 -17.63 1.756 G 1.780 G 1.00 M 1.756048 G -28.84 -15.84 Date: 24.APR.2018 20:44:45
Lowest channel	Highest channel

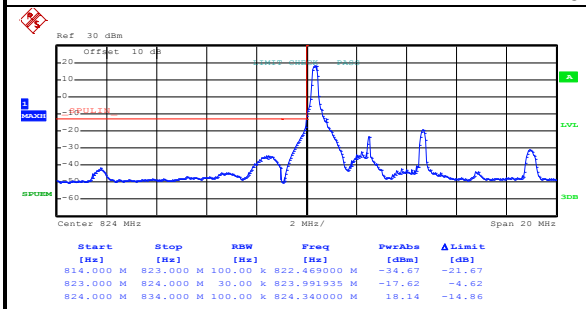
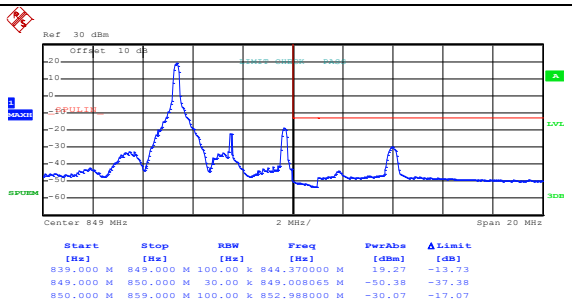
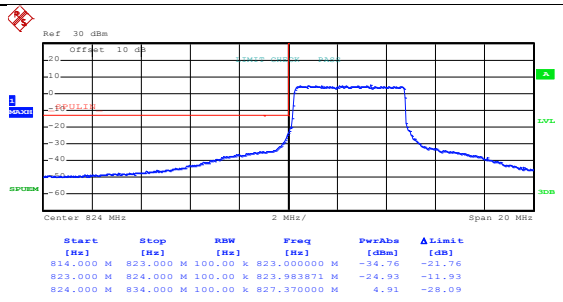
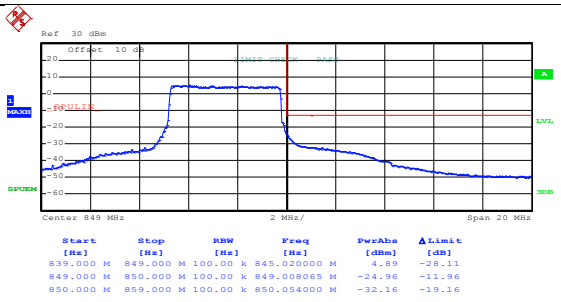
LTE Band 5 part:

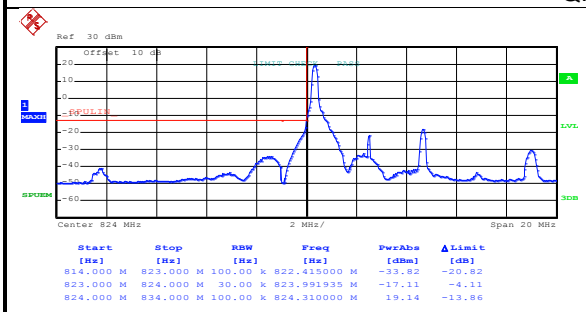
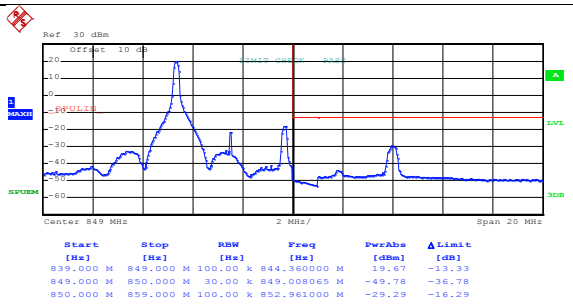
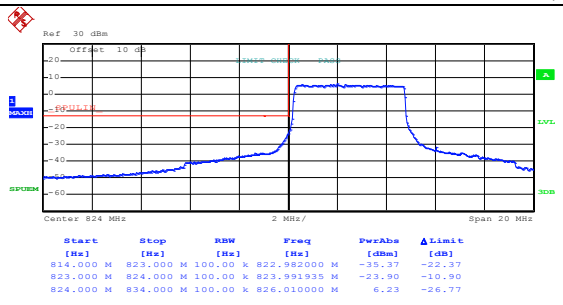
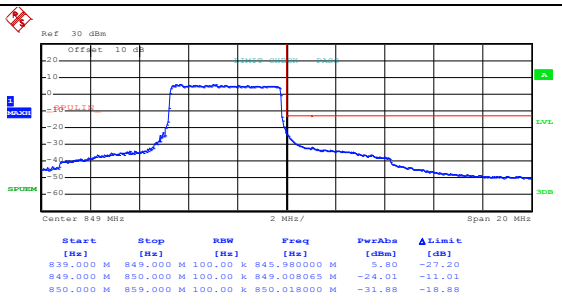
LTE Band 5, BW: 1.4MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 821.000 M 823.000 M 100.00 k 822.982000 M -26.64 -13.64 823.000 M 824.000 M 30.00 k 823.991935 M -14.00 -1.00 824.000 M 827.000 M 100.00 k 824.261000 M 18.69 -14.31 Date: 26.MAY.2018 11:10:38	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 846.000 M 849.000 M 100.00 k 847.893000 M 18.85 -14.15 849.000 M 850.000 M 30.00 k 849.038000 M -27.41 -14.41 850.000 M 852.000 M 100.00 k 850.000000 M -40.84 -27.84 Date: 26.MAY.2018 11:14:06
Lowest channel	Highest channel
16QAM & RB Size 6	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 821.000 M 823.000 M 100.00 k 822.988000 M -31.92 -18.92 823.000 M 824.000 M 30.00 k 823.991935 M -20.74 -7.74 824.000 M 827.000 M 100.00 k 825.026000 M 10.75 -22.25 Date: 26.MAY.2018 11:13:09	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 846.000 M 849.000 M 100.00 k 847.889000 M 10.87 -22.13 849.000 M 850.000 M 30.00 k 849.008065 M -19.80 -6.80 850.000 M 852.000 M 100.00 k 850.018000 M -30.89 -17.89 Date: 26.MAY.2018 11:16:34
Lowest channel	Highest channel

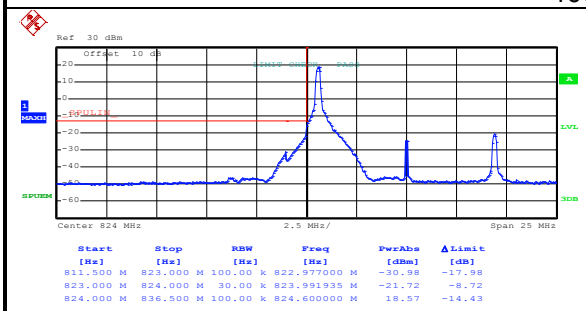
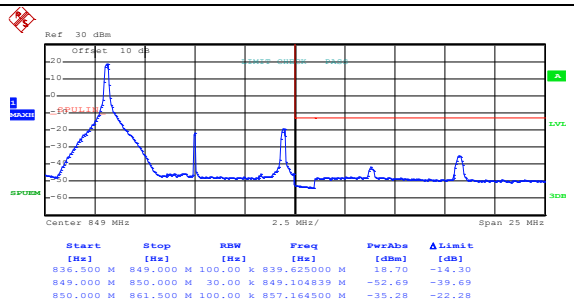
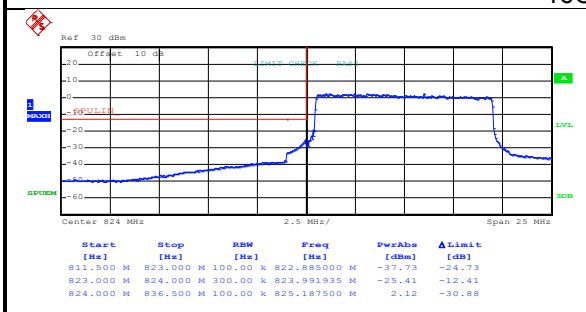
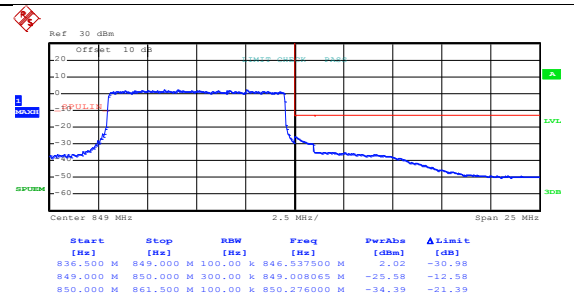
LTE Band 5, BW: 1.4MHz	
QPSK & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 821.000 M / 823.000 M / 100.00 k / 822.994000 M / -25.37 / -12.37 823.000 M / 824.000 M / 30.00 k / 823.991935 M / -13.71 / -0.71 824.000 M / 827.000 M / 100.00 k / 824.246000 M / 19.68 / -13.32 Date: 26.MAY.2018 11:10:20	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 846.000 M / 849.000 M / 100.00 k / 847.833000 M / 19.83 / -13.17 849.000 M / 850.000 M / 30.00 k / 849.019000 M / -26.37 / -13.37 850.000 M / 852.000 M / 100.00 k / 850.018000 M / -40.40 / -27.40 Date: 26.MAY.2018 11:13:56
Lowest channel	Highest channel
QPSK & RB Size 6	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 821.000 M / 823.000 M / 100.00 k / 823.000000 M / -30.40 / -17.40 823.000 M / 824.000 M / 30.00 k / 823.991935 M / -19.67 / -6.67 824.000 M / 827.000 M / 100.00 k / 824.951000 M / 11.38 / -21.62 Date: 26.MAY.2018 11:13:00	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 846.000 M / 849.000 M / 100.00 k / 848.718000 M / 11.43 / -21.57 849.000 M / 850.000 M / 30.00 k / 849.008065 M / -20.03 / -7.03 850.000 M / 852.000 M / 100.00 k / 850.006000 M / -29.87 / -16.87 Date: 26.MAY.2018 11:16:24
Lowest channel	Highest channel

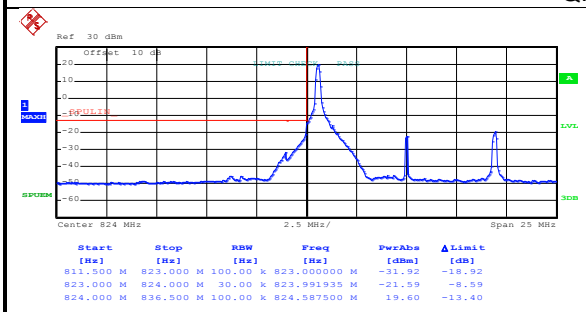
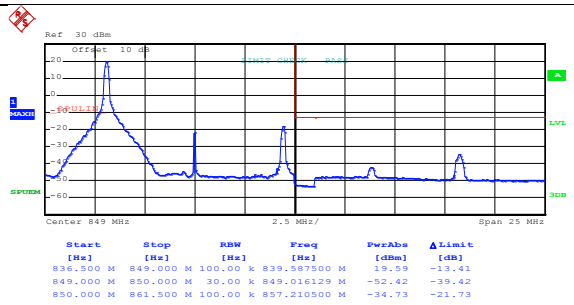
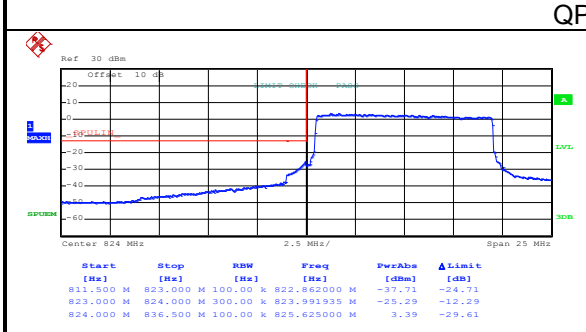
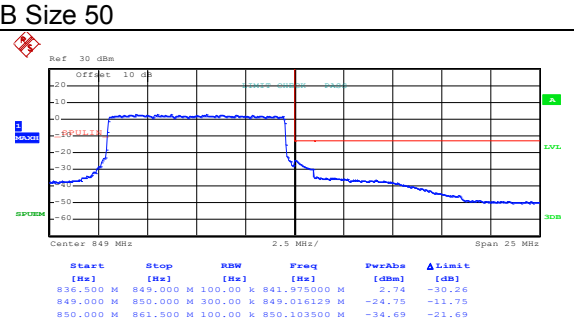
LTE Band 5, BW: 3MHz	
16QAM & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 819.000 M 823.000 M 100.00 k 822.312000 M -34.47 -21.47 823.000 M 824.000 M 30.00 k 823.991935 M -13.77 -0.77 824.000 M 829.000 M 100.00 k 824.265000 M 18.65 -14.35 Date: 26.MAY.2018 11:18:40	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 844.000 M 849.000 M 100.00 k 846.245000 M 19.12 -13.88 849.000 M 850.000 M 30.00 k 849.008065 M -47.84 -34.84 850.000 M 854.000 M 100.00 k 851.256000 M -30.26 -17.26 Date: 26.MAY.2018 11:21:33
Lowest channel	Highest channel
16QAM & RB Size 15	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 819.000 M 823.000 M 100.00 k 822.936000 M -33.57 -20.57 823.000 M 824.000 M 100.00 k 823.991935 M -20.10 -7.10 824.000 M 829.000 M 100.00 k 825.935000 M 6.98 -26.02 Date: 26.MAY.2018 11:20:44	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 844.000 M 849.000 M 100.00 k 846.765000 M 7.51 -25.49 849.000 M 850.000 M 100.00 k 849.008065 M -19.25 -6.25 850.000 M 854.000 M 100.00 k 850.192000 M -30.69 -17.69 Date: 26.MAY.2018 11:23:47
Lowest channel	Highest channel

LTE Band 5, BW: 3MHz	
QPSK & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 819.000 M / 823.000 M / 100.00 k / 822.328000 M / -34.27 / -21.27 823.000 M / 824.000 M / 30.00 k / 823.991935 M / -13.33 / -0.33 824.000 M / 829.000 M / 100.00 k / 824.245000 M / 19.29 / -13.71 Date: 26.MAY.2018 11:18:24	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 844.000 M / 849.000 M / 100.00 k / 846.230000 M / 20.05 / -12.95 849.000 M / 850.000 M / 30.00 k / 849.016129 M / -47.59 / -34.59 850.000 M / 854.000 M / 100.00 k / 851.260000 M / -30.03 / -17.03 Date: 26.MAY.2018 11:21:21
Lowest channel	Highest channel
QPSK & RB Size 15	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 819.000 M / 823.000 M / 100.00 k / 822.824000 M / -33.93 / -20.93 823.000 M / 824.000 M / 100.00 k / 823.983871 M / -18.89 / -5.89 824.000 M / 829.000 M / 100.00 k / 824.235000 M / 8.00 / -25.00 Date: 26.MAY.2018 11:20:34	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 844.000 M / 849.000 M / 100.00 k / 846.210000 M / 8.00 / -25.00 849.000 M / 850.000 M / 100.00 k / 849.016129 M / -18.66 / -5.66 850.000 M / 854.000 M / 100.00 k / 850.156000 M / -30.83 / -17.83 Date: 26.MAY.2018 11:23:35
Lowest channel	Highest channel

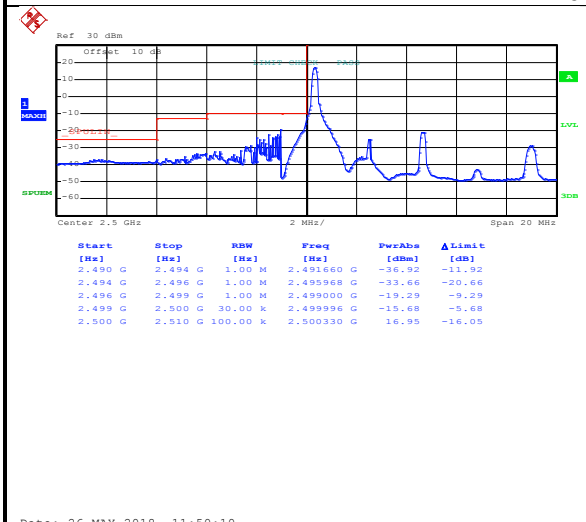
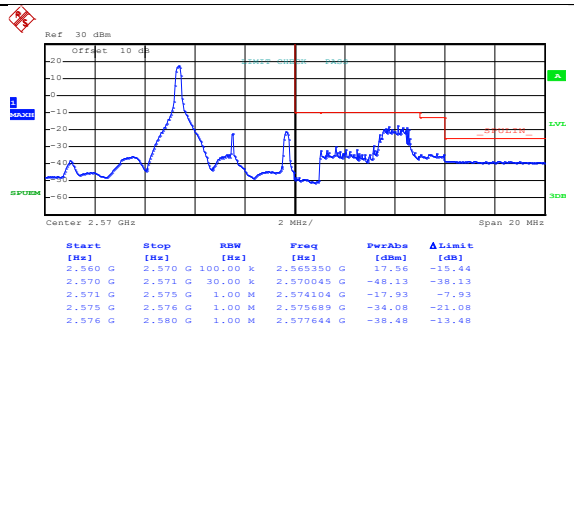
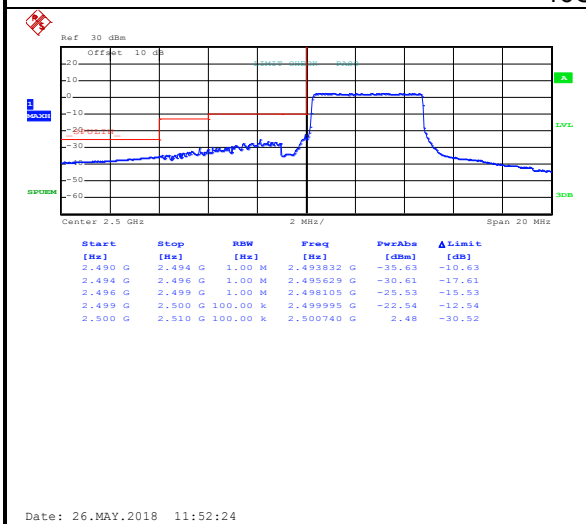
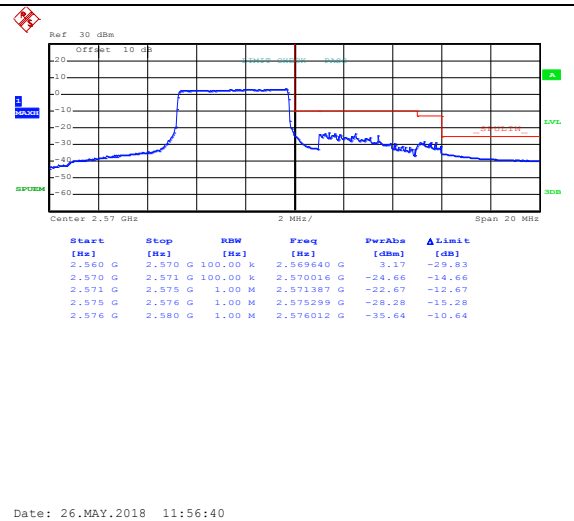
LTE Band 5, BW: 5MHz	
16QAM & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 814.000 M / 823.000 M / 100.00 k / 822.469000 M / -34.67 / -21.67 823.000 M / 824.000 M / 30.00 k / 823.991935 M / -17.62 / -4.62 824.000 M / 834.000 M / 100.00 k / 824.340000 M / 18.14 / -14.86 Date: 26.MAY.2018 11:25:05	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 839.000 M / 849.000 M / 100.00 k / 844.370000 M / 19.27 / -13.73 849.000 M / 850.000 M / 30.00 k / 849.008065 M / -50.38 / -37.38 850.000 M / 859.000 M / 100.00 k / 852.988000 M / -30.07 / -17.07 Date: 26.MAY.2018 11:27:59
Lowest channel	Highest channel
16QAM & RB Size 25	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 814.000 M / 823.000 M / 100.00 k / 823.000000 M / -34.76 / -21.76 823.000 M / 824.000 M / 100.00 k / 823.983871 M / -24.93 / -11.93 824.000 M / 834.000 M / 100.00 k / 827.370000 M / 4.91 / -28.09 Date: 26.MAY.2018 11:27:23	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 839.000 M / 849.000 M / 100.00 k / 845.020000 M / 4.89 / -28.11 849.000 M / 850.000 M / 100.00 k / 849.008065 M / -24.96 / -11.96 850.000 M / 859.000 M / 100.00 k / 850.054000 M / -32.16 / -19.16 Date: 26.MAY.2018 11:29:52
Lowest channel	Highest channel

LTE Band 5, BW: 5MHz	
QPSK & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 814.000 M / 823.000 M / 100.00 k / 822.415000 M / -33.82 / -20.82 823.000 M / 824.000 M / 30.00 k / 823.991935 M / -17.11 / -4.11 824.000 M / 834.000 M / 100.00 k / 824.310000 M / 19.14 / -13.86 Date: 26.MAY.2018 11:24:54	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 839.000 M / 849.000 M / 100.00 k / 844.360000 M / 19.67 / -13.33 849.000 M / 850.000 M / 30.00 k / 849.008065 M / -49.78 / -36.78 850.000 M / 859.000 M / 100.00 k / 852.961000 M / -29.29 / -16.29 Date: 26.MAY.2018 11:27:48
Lowest channel	Highest channel
QPSK & RB Size 25	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 814.000 M / 823.000 M / 100.00 k / 822.982000 M / -35.37 / -22.37 823.000 M / 824.000 M / 100.00 k / 823.991935 M / -23.90 / -10.90 824.000 M / 834.000 M / 100.00 k / 826.010000 M / 6.23 / -26.77 Date: 26.MAY.2018 11:27:16	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 839.000 M / 849.000 M / 100.00 k / 845.980000 M / 5.80 / -27.20 849.000 M / 850.000 M / 100.00 k / 849.008065 M / -24.01 / -11.01 850.000 M / 859.000 M / 100.00 k / 850.018000 M / -31.88 / -18.88 Date: 26.MAY.2018 11:29:44
Lowest channel	Highest channel

LTE Band 5, BW: 10MHz	
16QAM & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 811.500 M / 823.000 M / 100.00 k / 822.977000 M / -30.98 / -17.98 823.000 M / 824.000 M / 30.00 k / 823.991935 M / -21.72 / -8.72 824.000 M / 836.500 M / 100.00 k / 824.600000 M / 18.57 / -14.43 Date: 26.MAY.2018 11:31:22	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 836.500 M / 849.000 M / 100.00 k / 839.625000 M / 18.70 / -14.30 849.000 M / 850.000 M / 30.00 k / 849.104839 M / -52.69 / -39.69 850.000 M / 861.500 M / 100.00 k / 857.164500 M / -35.28 / -22.28 Date: 26.MAY.2018 11:34:32
Lowest channel	Highest channel
16QAM & RB Size 50	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 811.500 M / 823.000 M / 100.00 k / 822.885000 M / -37.73 / -24.73 823.000 M / 824.000 M / 300.00 k / 823.991935 M / -25.41 / -12.41 824.000 M / 836.500 M / 100.00 k / 825.187500 M / 2.12 / -30.88 Date: 26.MAY.2018 11:33:52	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 836.500 M / 849.000 M / 100.00 k / 846.537500 M / 2.02 / -30.98 849.000 M / 850.000 M / 300.00 k / 849.008065 M / -25.58 / -12.58 850.000 M / 861.500 M / 100.00 k / 850.276000 M / -34.39 / -21.39 Date: 26.MAY.2018 11:36:31
Lowest channel	Highest channel

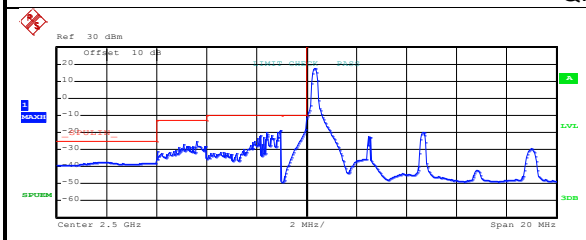
LTE Band 5, BW: 10MHz	
QPSK & RB Size 1	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 811.500 M 823.000 M 100.00 k 823.000000 M -31.92 -18.92 823.000 M 824.000 M 30.00 k 823.991935 M -21.59 -8.59 824.000 M 836.500 M 100.00 k 824.587500 M 19.60 -13.40 Date: 26.MAY.2018 11:31:11	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 836.500 M 849.000 M 100.00 k 839.587500 M 19.59 -13.41 849.000 M 850.000 M 30.00 k 849.016129 M -52.42 -39.42 850.000 M 861.500 M 100.00 k 857.210500 M -34.73 -21.73 Date: 26.MAY.2018 11:34:22
Lowest channel	Highest channel
QPSK & RB Size 50	
 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 811.500 M 823.000 M 100.00 k 822.862000 M -37.71 -24.71 823.000 M 824.000 M 300.00 k 823.991935 M -25.29 -12.29 824.000 M 836.500 M 100.00 k 825.625000 M 3.39 -29.61 Date: 26.MAY.2018 11:33:44	 Start [Hz] Stop [Hz] RBW [Hz] Freq [Hz] PwrAbs [dBm] ΔLimit [dB] 836.500 M 849.000 M 100.00 k 841.975000 M 2.74 -30.26 849.000 M 850.000 M 300.00 k 849.016129 M -24.75 -11.75 850.000 M 861.500 M 100.00 k 850.103500 M -34.69 -21.69 Date: 26.MAY.2018 11:36:23
Lowest channel	Highest channel

LTE Band 7 part:

LTE Band 7, BW: 5MHz	
16QAM & RB Size 1	
	
Lowest channel	Highest channel
16QAM & RB Size 25	
	
Lowest channel	Highest channel

LTE Band 7, BW: 5MHz

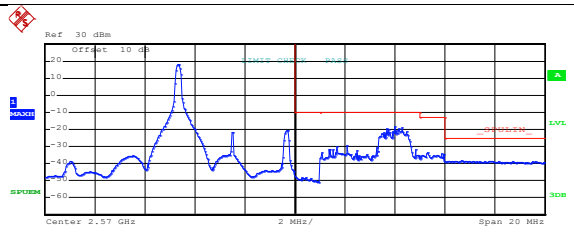
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.491940 G	-37.49	-12.49
2.494 G	2.496 G	1.00 M	2.495592 G	-25.45	-12.45
2.496 G	2.499 G	1.00 M	2.499000 G	-18.82	-8.82
2.499 G	2.500 G	30.00 k	2.499992 G	-18.40	-8.40
2.500 G	2.510 G	100.00 k	2.500340 G	17.49	-15.51

Date: 26.MAY.2018 13:27:04

Lowest channel

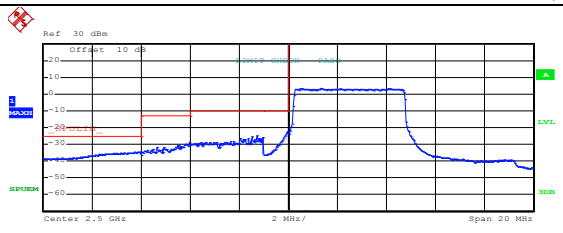


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565310 G	18.04	-14.96
2.570 G	2.571 G	30.00 k	2.570005 G	-47.11	-37.11
2.571 G	2.575 G	1.00 M	2.574000 G	-18.15	-8.15
2.575 G	2.576 G	1.00 M	2.575330 G	-33.38	-20.38
2.576 G	2.580 G	1.00 M	2.577776 G	-38.19	-13.19

Date: 26.MAY.2018 11:53:17

Highest channel

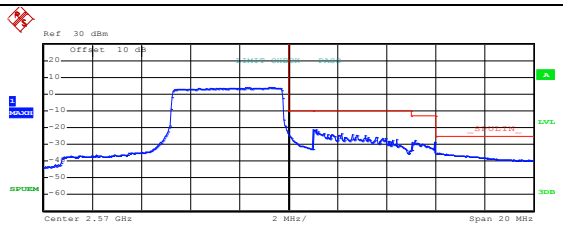
QPSK & RB Size 25



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493772 G	-34.71	-9.71
2.494 G	2.496 G	1.00 M	2.495968 G	-29.10	-16.10
2.496 G	2.499 G	1.00 M	2.498710 G	-24.83	-14.83
2.499 G	2.500 G	100.00 k	2.499968 G	-22.07	-12.07
2.500 G	2.510 G	100.00 k	2.500570 G	3.41	-29.59

Date: 26.MAY.2018 11:52:16

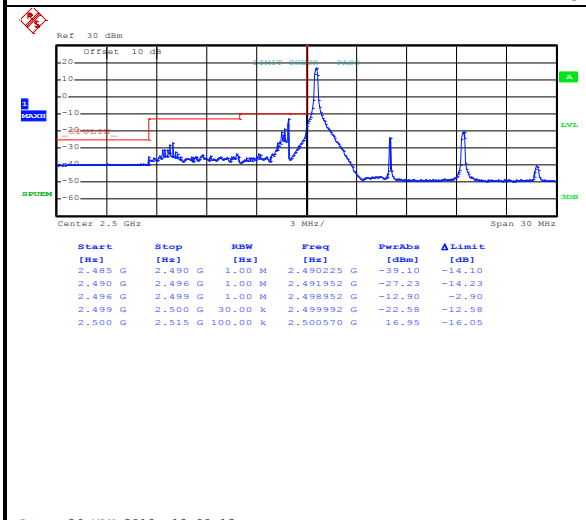
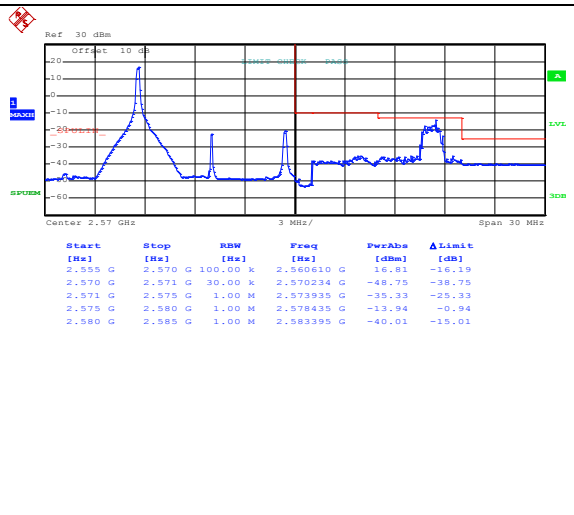
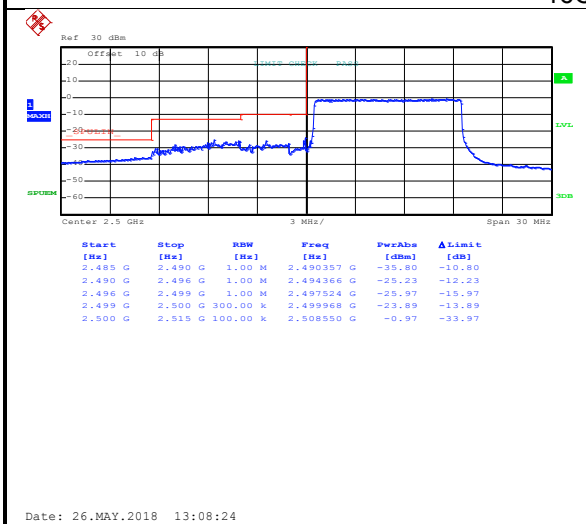
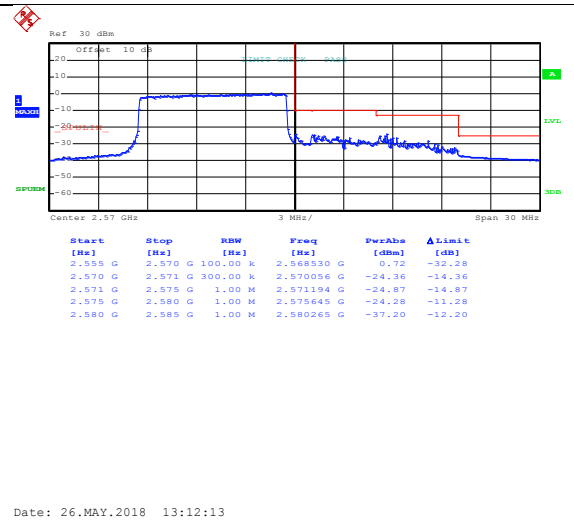
Lowest channel

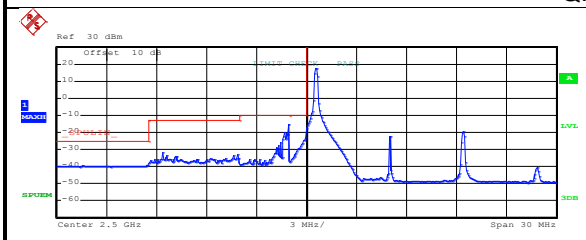
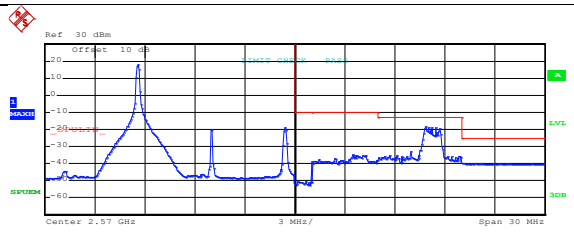
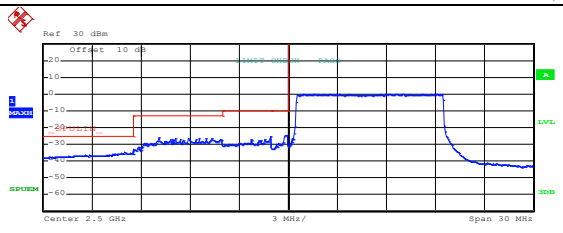
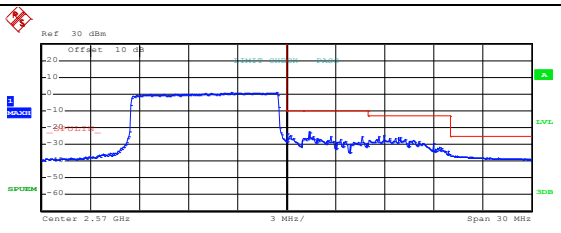


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.568390 G	3.90	-29.10
2.570 G	2.571 G	100.00 k	2.570008 G	-24.50	-14.50
2.571 G	2.575 G	1.00 M	2.571000 G	-21.20	-11.20
2.575 G	2.576 G	1.00 M	2.575150 G	-27.76	-14.76
2.576 G	2.580 G	1.00 M	2.576072 G	-35.24	-10.24

Date: 26.MAY.2018 11:56:30

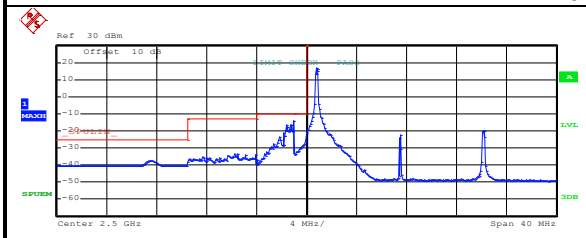
Highest channel

LTE Band 7, BW: 10MHz	
16QAM & RB Size 1	
	
Lowest channel	Highest channel
16QAM & RB Size 50	
	
Lowest channel	Highest channel

LTE Band 7, BW: 10MHz	
QPSK & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.485 G / 2.490 G / 1.00 M / 2.490439 G / -39.56 / -14.56 2.490 G / 2.496 G / 1.00 M / 2.491358 G / -31.95 / -18.95 2.496 G / 2.499 G / 1.00 M / 2.499000 G / -15.41 / -5.41 2.499 G / 2.500 G / 30.00 k / 2.499976 G / -22.89 / -12.89 2.500 G / 2.515 G / 100.00 k / 2.500585 G / 17.47 / -15.53 Date: 26.MAY.2018 12:00:24	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.555 G / 2.570 G / 100.00 k / 2.560580 G / 17.75 / -15.25 2.570 G / 2.571 G / 30.00 k / 2.570161 G / -50.33 / -40.33 2.571 G / 2.575 G / 1.00 M / 2.573419 G / -34.85 / -24.85 2.575 G / 2.580 G / 1.00 M / 2.577885 G / -18.37 / -5.37 2.580 G / 2.585 G / 1.00 M / 2.580795 G / -39.98 / -14.98 Date: 26.MAY.2018 13:09:46
Lowest channel	Highest channel
QPSK & RB Size 50	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.485 G / 2.490 G / 1.00 M / 2.489950 G / -34.85 / -9.85 2.490 G / 2.496 G / 1.00 M / 2.492095 G / -26.07 / -13.07 2.496 G / 2.499 G / 1.00 M / 2.499000 G / -25.11 / -15.11 2.499 G / 2.500 G / 300.00 k / 2.499887 G / -24.41 / -14.41 2.500 G / 2.515 G / 100.00 k / 2.501590 G / 0.06 / -32.94 Date: 26.MAY.2018 13:08:15	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.555 G / 2.570 G / 100.00 k / 2.566655 G / 0.84 / -32.16 2.570 G / 2.571 G / 300.00 k / 2.570048 G / -23.40 / -13.40 2.571 G / 2.575 G / 1.00 M / 2.571355 G / -22.46 / -12.46 2.575 G / 2.580 G / 1.00 M / 2.575950 G / -24.94 / -11.94 2.580 G / 2.585 G / 1.00 M / 2.580425 G / -37.13 / -12.13 Date: 26.MAY.2018 13:12:05
Lowest channel	Highest channel

LTE Band 7, BW: 15MHz

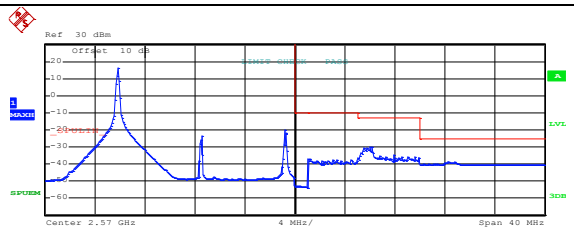
16QAM & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.480 G	2.490 G	1.00 M	2.487621 G	-37.72	-12.72
2.490 G	2.496 G	1.00 M	2.494509 G	-33.54	-20.54
2.496 G	2.499 G	1.00 M	2.498927 G	-14.00	-4.00
2.499 G	2.500 G	30.00 k	2.499960 G	-26.10	-16.10
2.500 G	2.520 G	100.00 k	2.500820 G	16.79	-16.21

Date: 26.MAY.2018 12:22:21

Lowest channel

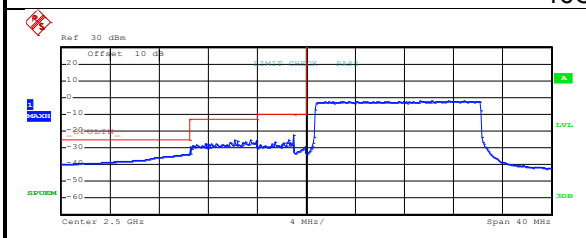


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.550 G	2.570 G	100.00 k	2.555806 G	16.38	-16.62
2.570 G	2.571 G	30.00 k	2.570403 G	-52.27	-42.27
2.571 G	2.575 G	1.00 M	2.571129 G	-36.98	-26.98
2.575 G	2.580 G	1.00 M	2.576195 G	-29.69	-16.69
2.580 G	2.590 G	1.00 M	2.582280 G	-38.68	-13.68

Date: 26.MAY.2018 12:28:23

Highest channel

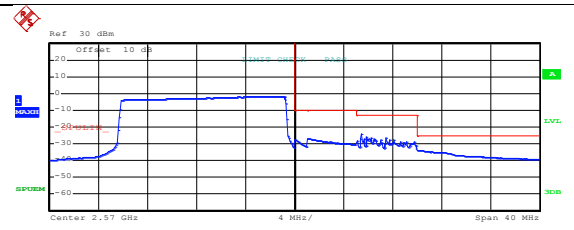
16QAM & RB Size 75



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.480 G	2.490 G	1.00 M	2.490415 G	-33.95	-8.95
2.490 G	2.496 G	1.00 M	2.494119 G	-25.28	-12.28
2.496 G	2.499 G	1.00 M	2.498952 G	-22.53	-12.53
2.499 G	2.500 G	300.00 k	2.499976 G	-29.14	-19.14
2.500 G	2.520 G	100.00 k	2.512860 G	-1.88	-34.88

Date: 26.MAY.2018 12:24:57

Lowest channel



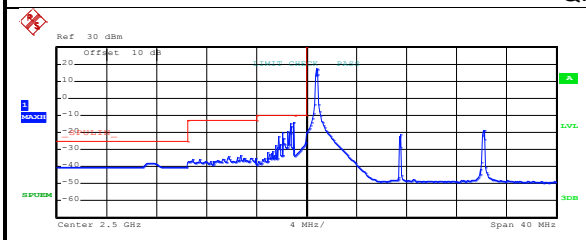
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.550 G	2.570 G	100.00 k	2.567742 G	-1.61	-34.61
2.570 G	2.571 G	300.00 k	2.570040 G	-27.53	-17.53
2.571 G	2.575 G	1.00 M	2.571000 G	-26.94	-16.94
2.575 G	2.580 G	1.00 M	2.575420 G	-24.04	-11.04
2.580 G	2.590 G	1.00 M	2.580220 G	-34.11	-9.11

Date: 26.MAY.2018 12:31:18

Highest channel

LTE Band 7, BW: 15MHz

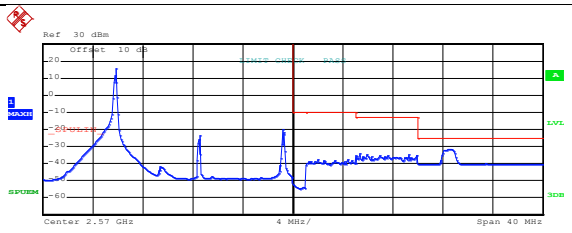
QPSK & RB Size 1



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.480 G	2.490 G	1.00 M	2.487621 G	-37.99	-12.99
2.490 G	2.496 G	1.00 M	2.494680 G	-33.67	-20.67
2.496 G	2.499 G	1.00 M	2.498927 G	-14.39	-4.39
2.499 G	2.500 G	30.00 k	2.499992 G	-25.72	-15.72
2.500 G	2.520 G	100.00 k	2.500820 G	17.60	-15.40

Date: 26.MAY.2018 12:21:57

Lowest channel

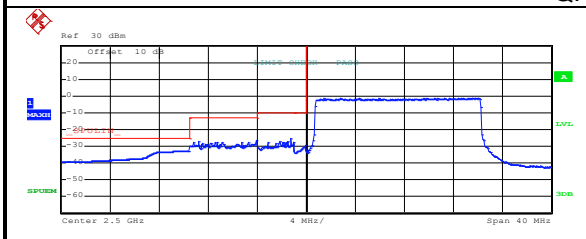


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.550 G	2.570 G	100.00 k	2.555806 G	15.85	-17.15
2.570 G	2.571 G	30.00 k	2.570137 G	-52.72	-42.72
2.571 G	2.575 G	1.00 M	2.574387 G	-37.27	-27.27
2.575 G	2.580 G	1.00 M	2.575330 G	-34.31	-21.31
2.580 G	2.590 G	1.00 M	2.582430 G	-31.86	-6.86

Date: 26.MAY.2018 12:26:50

Highest channel

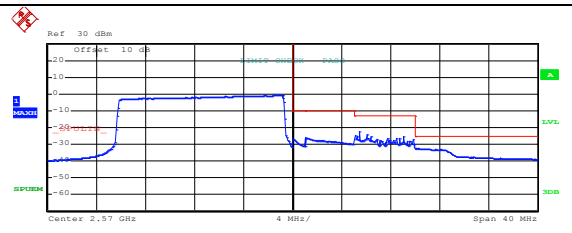
QPSK & RB Size 75



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.480 G	2.490 G	1.00 M	2.490415 G	-32.69	-7.69
2.490 G	2.496 G	1.00 M	2.491176 G	-27.29	-14.29
2.496 G	2.499 G	1.00 M	2.498685 G	-25.40	-15.40
2.499 G	2.500 G	300.00 k	2.499927 G	-29.31	-19.31
2.500 G	2.520 G	100.00 k	2.501440 G	-1.24	-34.24

Date: 26.MAY.2018 12:24:45

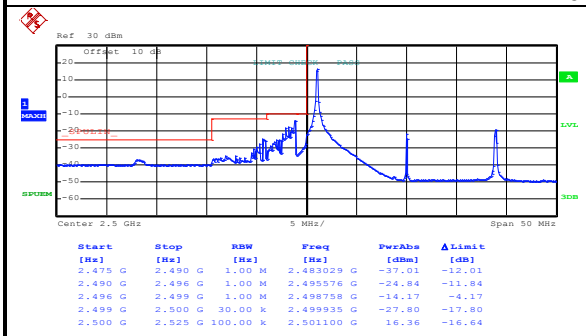
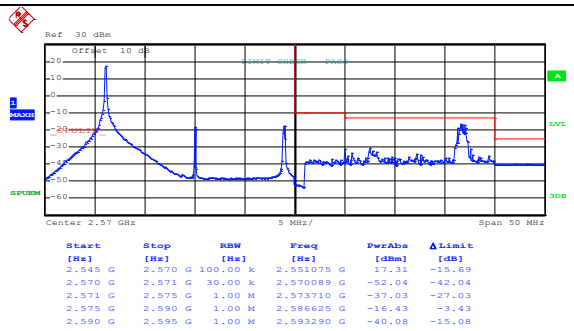
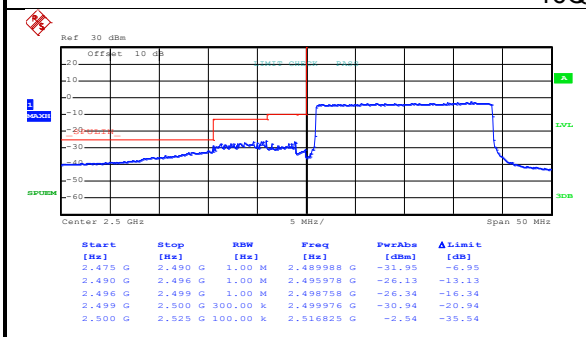
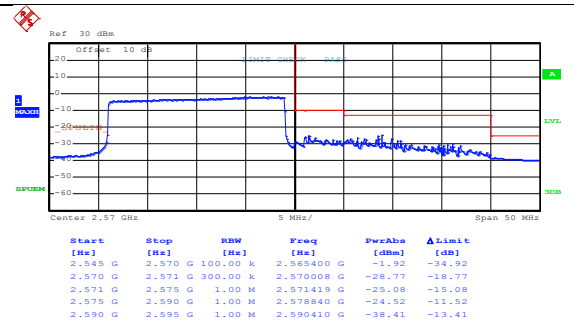
Lowest channel

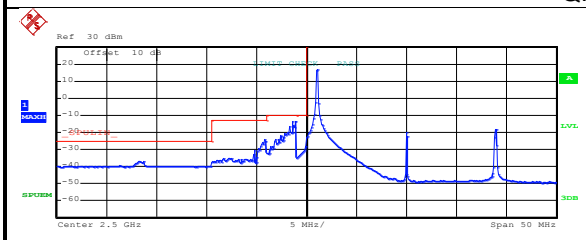
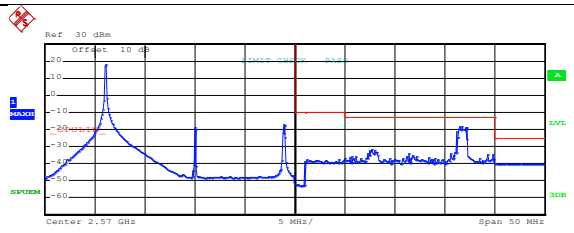
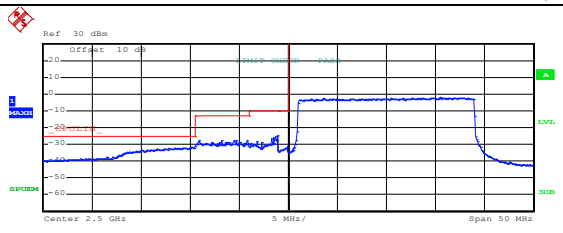
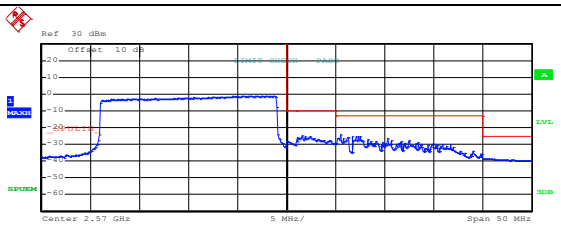


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.550 G	2.570 G	100.00 k	2.567742 G	-0.83	-33.83
2.570 G	2.571 G	300.00 k	2.570016 G	-26.76	-16.76
2.571 G	2.575 G	1.00 M	2.571000 G	-25.96	-15.96
2.575 G	2.580 G	1.00 M	2.575460 G	-22.57	-9.57
2.580 G	2.590 G	1.00 M	2.580050 G	-32.43	-7.43

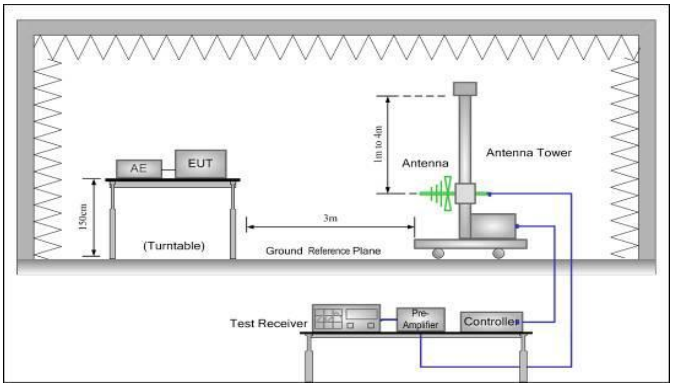
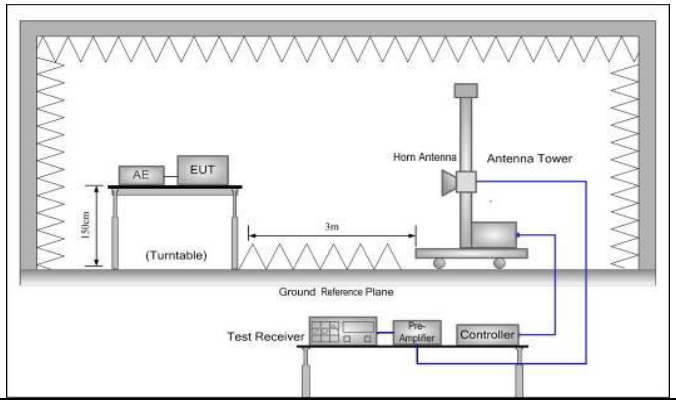
Date: 26.MAY.2018 12:31:09

Highest channel

LTE Band 7, BW: 20MHz	
16QAM & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.475 G / 2.490 G / 1.00 M / 2.483029 G / -37.01 / -12.01 2.490 G / 2.496 G / 1.00 M / 2.495576 G / -24.84 / -11.84 2.496 G / 2.499 G / 1.00 M / 2.498758 G / -14.17 / -4.17 2.499 G / 2.500 G / 30.00 k / 2.499935 G / -27.80 / -17.80 2.500 G / 2.525 G / 100.00 k / 2.501100 G / 16.36 / -16.64 Date: 26.MAY.2018 12:34:12	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.545 G / 2.570 G / 100.00 k / 2.551075 G / 17.31 / -15.69 2.570 G / 2.571 G / 30.00 k / 2.570089 G / -52.04 / -42.04 2.571 G / 2.575 G / 1.00 M / 2.573710 G / -37.03 / -27.03 2.575 G / 2.590 G / 1.00 M / 2.586625 G / -16.43 / -3.43 2.590 G / 2.595 G / 1.00 M / 2.593290 G / -40.08 / -15.08 Date: 26.MAY.2018 12:37:54
Lowest channel	Highest channel
16QAM & RB Size 100	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.475 G / 2.490 G / 1.00 M / 2.489988 G / -31.95 / -6.95 2.490 G / 2.496 G / 1.00 M / 2.495978 G / -26.13 / -13.13 2.496 G / 2.499 G / 1.00 M / 2.498758 G / -26.34 / -16.34 2.499 G / 2.500 G / 300.00 k / 2.499976 G / -30.94 / -20.94 2.500 G / 2.525 G / 100.00 k / 2.516825 G / -2.54 / -35.54 Date: 26.MAY.2018 12:36:06	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.545 G / 2.570 G / 100.00 k / 2.565400 G / -1.92 / -34.92 2.570 G / 2.571 G / 300.00 k / 2.570008 G / -28.77 / -18.77 2.571 G / 2.575 G / 1.00 M / 2.571419 G / -25.08 / -15.08 2.575 G / 2.590 G / 1.00 M / 2.578840 G / -24.52 / -11.52 2.590 G / 2.595 G / 1.00 M / 2.590410 G / -38.41 / -13.41 Date: 26.MAY.2018 12:40:02
Lowest channel	Highest channel

LTE Band 7, BW: 20MHz	
QPSK & RB Size 1	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.475 G / 2.490 G / 1.00 M / 2.483246 G / -36.95 / -11.95 2.490 G / 2.496 G / 1.00 M / 2.495758 G / -24.30 / -11.30 2.496 G / 2.499 G / 1.00 M / 2.498952 G / -13.57 / -3.57 2.499 G / 2.500 G / 30.00 k / 2.499984 G / -28.47 / -18.47 2.500 G / 2.525 G / 100.00 k / 2.501100 G / 16.95 / -16.05 Date: 26.MAY.2018 12:33:52	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.545 G / 2.570 G / 100.00 k / 2.551075 G / 18.24 / -14.76 2.570 G / 2.571 G / 30.00 k / 2.570242 G / -52.17 / -42.17 2.571 G / 2.575 G / 1.00 M / 2.574355 G / -37.37 / -27.37 2.575 G / 2.590 G / 1.00 M / 2.586640 G / -18.31 / -5.31 2.590 G / 2.595 G / 1.00 M / 2.592620 G / -40.09 / -15.09 Date: 26.MAY.2018 12:36:38
Lowest channel	Highest channel
QPSK & RB Size 100	
 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.475 G / 2.490 G / 1.00 M / 2.490128 G / -31.87 / -6.87 2.490 G / 2.496 G / 1.00 M / 2.494669 G / -27.40 / -14.40 2.496 G / 2.499 G / 1.00 M / 2.498927 G / -24.56 / -14.56 2.499 G / 2.500 G / 300.00 k / 2.499927 G / -31.44 / -21.44 2.500 G / 2.525 G / 100.00 k / 2.515525 G / -1.99 / -34.99 Date: 26.MAY.2018 12:35:59	 Start [Hz] / Stop [Hz] / RBW [Hz] / Freq [Hz] / PwrAbs [dBm] / ΔLimit [dB] 2.545 G / 2.570 G / 100.00 k / 2.565700 G / -1.02 / -34.02 2.570 G / 2.571 G / 300.00 k / 2.570040 G / -28.05 / -18.05 2.571 G / 2.575 G / 1.00 M / 2.571548 G / -24.97 / -14.97 2.575 G / 2.590 G / 1.00 M / 2.575510 G / -24.01 / -11.01 2.590 G / 2.595 G / 1.00 M / 2.590370 G / -38.62 / -13.62 Date: 26.MAY.2018 12:39:48
Lowest channel	Highest channel

6.5 ERP, EIRP Measurement

Test Requirement:	Part 22.913(a)(2), Part 24.232(c),Part 27.50(d)(4), Part 27.50 (h)
Test Method:	ANSI/TIA-603-D 2010
Limit:	LTE Band 2: 2W EIRP, LTE Band 5: 7W EIRP, LTE Band 4: 1W EIRP, LTE Band 7: 2W EIRP
Test setup:	Below 1GHz  Above 1GHz 
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated. 3. ERP in frequency band below 1GHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated as follows: ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB) 4. EIRP in frequency band above 1GHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable Loss (dB) 5. The worse case was relating to the conducted output power.
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

LTE Band 2 part:

LTE Band 2							
BW: 1.4MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
1850.70	18607	QPSK	H	V	23.48	33.00	Pass
				H	25.79		
1850.70	18607	16QAM	H	V	23.15		
				H	25.46		
1.4MHz(RB size 3 & RB offset 0)							
1850.70	18607	QPSK	H	V	23.56	33.00	Pass
				H	25.75		
1850.70	18607	16QAM	H	V	23.24		
				H	25.48		
1.4MHz(RB size 6 & RB offset 0)							
1850.70	18607	QPSK	H	V	23.26	33.00	Pass
				H	25.63		
1850.70	18607	16QAM	H	V	23.18		
				H	25.38		
Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
1880.00	18900	QPSK	H	V	23.43	33.00	Pass
				H	25.74		
1880.00	18900	16QAM	H	V	23.25		
				H	25.31		
1.4MHz(RB size 3 & RB offset 0)							
1880.00	18900	QPSK	H	V	23.41	33.00	Pass
				H	25.71		
1880.00	18900	16QAM	H	V	23.23		
				H	25.48		
1.4MHz(RB size 6 & RB offset 0)							
1880.00	18900	QPSK	H	V	23.25	33.00	Pass
				H	25.61		
1880.00	18900	16QAM	H	V	23.15		
				H	25.37		

Highest channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
1909.30	19193	QPSK	H	V	23.41	33.00	Pass
				H	25.78		
1909.30	19193	16QAM	H	V	23.21		
				H	25.48		
1.4MHz(RB size 3 & RB offset 0)							
1909.30	19193	QPSK	H	V	23.38	33.00	Pass
				H	25.74		
1909.30	19193	16QAM	H	V	23.31		
				H	25.44		
1.4MHz(RB size 6 & RB offset 0)							
1909.30	19193	QPSK	H	V	23.24	33.00	Pass
				H	25.63		
1909.30	19193	16QAM	H	V	23.17		
				H	25.36		
BW: 20MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
1860.00	18700	QPSK	H	V	23.39	33.00	Pass
				H	25.75		
1860.00	18700	16QAM	H	V	23.19		
				H	25.45		
20MHz(RB size 50 & RB offset 0)							
1860.00	18700	QPSK	H	V	23.41	33.00	Pass
				H	25.69		
1860.00	18700	16QAM	H	V	23.23		
				H	25.47		
20MHz(RB size 100 & RB offset 0)							
1860.00	18700	QPSK	H	V	23.25	33.00	Pass
				H	25.59		
1860.00	18700	16QAM	H	V	23.16		
				H	25.34		

Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
1880.00	18900	QPSK	H	V	23.42	33.00	Pass
				H	25.70		
1880.00	18900	16QAM	H	V	23.23		
				H	25.48		
20MHz(RB size 50 & RB offset 0)							
1880.00	18900	QPSK	H	V	23.45	33.00	Pass
				H	25.72		
1880.00	18900	16QAM	H	V	23.25		
				H	25.47		
20MHz(RB size 100 & RB offset 0)							
1880.00	18900	QPSK	H	V	23.24	33.00	Pass
				H	25.63		
1880.00	18900	16QAM	H	V	23.18		
				H	25.37		
High channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
1900.00	19100	QPSK	H	V	23.45	33.00	Pass
				H	25.72		
1900.00	19100	16QAM	H	V	23.29		
				H	25.54		
20MHz(RB size 50 & RB offset 0)							
1900.00	19100	QPSK	H	V	23.42	33.00	Pass
				H	25.68		
1900.00	19100	16QAM	H	V	23.29		
				H	25.48		
20MHz(RB size 100 & RB offset 0)							
1900.00	19100	QPSK	H	V	23.21	33.00	Pass
				H	25.68		
1900.00	19100	16QAM	H	V	23.23		
				H	25.33		

LTE Band 4 part:

LTE Band 4							
BW: 1.4MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
1710.70	19957	QPSK	H	V	19.84	30.00	Pass
				H	25.01		
1710.70	19957	16QAM	H	V	19.78		
				H	24.96		
1.4MHz(RB size 3 & RB offset 0)							
1732.50	20175	QPSK	H	V	20.04	30.00	Pass
				H	24.78		
1732.50	20175	16QAM	H	V	19.86		
				H	24.69		
1.4MHz(RB size 6 & RB offset 0)							
1754.30	20393	QPSK	H	V	18.99	30.00	Pass
				H	24.80		
1754.30	20393	16QAM	H	V	18.82		
				H	24.58		
Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
1732.50	20175	QPSK	H	V	19.89	30.00	Pass
				H	25.05		
1732.50	20175	16QAM	H	V	19.76		
				H	24.91		
1.4MHz(RB size 3 & RB offset 0)							
1732.50	20175	QPSK	H	V	20.06	30.00	Pass
				H	24.72		
1732.50	20175	16QAM	H	V	19.82		
				H	24.66		
1.4MHz(RB size 6 & RB offset 0)							
1732.50	20175	QPSK	H	V	19.05	30.00	Pass
				H	24.75		
1732.50	20175	16QAM	H	V	18.86		
				H	24.57		

Highest channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
1754.30	20393	QPSK	H	V	19.81	30.00	Pass
				H	25.07		
1754.30	20393	16QAM	H	V	19.71		
				H	24.87		
1.4MHz(RB size 3 & RB offset 0)							
1754.30	20393	QPSK	H	V	20.08	30.00	Pass
				H	24.73		
1754.30	20393	16QAM	H	V	19.85		
				H	24.68		
1.4MHz(RB size 6 & RB offset 0)							
1754.30	20393	QPSK	H	V	18.85	30.00	Pass
				H	24.76		
1754.30	20393	16QAM	H	V	18.82		
				H	24.56		
BW: 20MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
1720.00	20050	QPSK	H	V	19.95	30.00	Pass
				H	25.14		
1720.00	20050	16QAM	H	V	19.82		
				H	25.02		
20MHz(RB size 50 & RB offset 0)							
1720.00	20050	QPSK	H	V	20.12	30.00	Pass
				H	24.69		
1720.00	20050	16QAM	H	V	19.80		
				H	24.65		
20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)							
1720.00	20050	QPSK	H	V	18.82	30.00	Pass
				H	24.82		
1720.00	20050	16QAM	H	V	18.83		
				H	24.52		

Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
1732.50	20175	QPSK	H	V	19.92	30.00	Pass
				H	25.10		
1732.50	20175	16QAM	H	V	19.87		
				H	25.01		
20MHz(RB size 50 & RB offset 0)							
1732.50	20175	QPSK	H	V	20.08	30.00	Pass
				H	24.75		
1732.50	20175	16QAM	H	V	19.89		
				H	24.68		
20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)							
1732.50	20175	QPSK	H	V	18.81	30.00	Pass
				H	24.80		
1732.50	20175	16QAM	H	V	18.85		
				H	24.55		
High channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
1745.00	20300	QPSK	H	V	19.97	30.00	Pass
				H	25.15		
1745.00	20300	16QAM	H	V	19.82		
				H	25.06		
20MHz(RB size 50 & RB offset 0)							
1745.00	20300	QPSK	H	V	20.13	30.00	Pass
				H	24.73		
1745.00	20300	16QAM	H	V	19.82		
				H	24.65		
20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)							
1745.00	20300	QPSK	H	V	18.85	30.00	Pass
				H	24.75		
1745.00	20300	16QAM	H	V	18.81		
				H	24.50		

LTE Band 5 part:

LTE Band 5							
BW: 1.4MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
824.70	20407	QPSK	H	V	22.67	38.45	Pass
				H	28.28		
824.70	20407	16QAM	H	V	22.59		
				H	28.12		
1.4MHz(RB size 3 & RB offset 0)							
824.70	20407	QPSK	H	V	22.03	38.45	Pass
				H	28.70		
824.70	20407	16QAM	H	V	21.93		
				H	28.55		
1.4MHz(RB size 6 & RB offset 0)							
824.70	20407	QPSK	H	V	20.84	38.45	Pass
				H	27.68		
824.70	20407	16QAM	H	V	20.73		
				H	24.41		
Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
836.50	20525	QPSK	H	V	22.69	38.45	Pass
				H	28.25		
836.50	20525	16QAM	H	V	22.61		
				H	28.19		
1.4MHz(RB size 3 & RB offset 0)							
836.50	20525	QPSK	H	V	22.06	38.45	Pass
				H	28.71		
836.50	20525	16QAM	H	V	21.95		
				H	28.59		
1.4MHz(RB size 6 & RB offset 0)							
836.50	20525	QPSK	H	V	20.86	38.45	Pass
				H	27.69		
836.50	20525	16QAM	H	V	20.76		
				H	27.41		

Highest channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)							
848.30	20643	QPSK	H	V	22.65	38.45	Pass
				H	28.24		
848.30	20643	16QAM	H	V	22.57		
				H	28.13		
1.4MHz(RB size 3 & RB offset 0)							
848.30	20643	QPSK	H	V	22.01	38.45	Pass
				H	28.65		
848.30	20643	16QAM	H	V	21.95		
				H	28.51		
1.4MHz(RB size 6 & RB offset 0)							
848.30	20643	QPSK	H	V	20.84	38.45	Pass
				H	27.61		
848.30	20643	16QAM	H	V	20.75		
				H	27.46		
BW: 10MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)							
829.00	20450	QPSK	H	V	22.69	38.45	Pass
				H	28.24		
829.00	20450	16QAM	H	V	22.53		
				H	28.14		
10MHz(RB size 25 & RB offset 0)							
829.00	20450	QPSK	H	V	22.09	38.45	Pass
				H	28.63		
829.00	20450	16QAM	H	V	21.91		
				H	28.52		
10MHz(RB size 50 & RB offset 0)							
829.00	20450	QPSK	H	V	20.81	38.45	Pass
				H	27.59		
829.00	20450	16QAM	H	V	20.71		
				H	27.46		

Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)							
836.50	20525	QPSK	H	V	22.63	38.45	Pass
				H	28.27		
836.50	20525	16QAM	H	V	22.57		
				H	28.19		
10MHz(RB size 25 & RB offset 0)							
836.50	20525	QPSK	H	V	22.05	38.45	Pass
				H	28.64		
836.50	20525	16QAM	H	V	21.98		
				H	28.59		
10MHz(RB size 50 & RB offset 0)							
836.50	20525	QPSK	H	V	20.86	38.45	Pass
				H	27.67		
836.50	20525	16QAM	H	V	20.76		
				H	27.41		
High channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)							
844.00	20600	QPSK	H	V	22.67	38.45	Pass
				H	28.24		
844.00	20600	16QAM	H	V	22.50		
				H	28.19		
10MHz(RB size 25 & RB offset 0)							
844.00	20600	QPSK	H	V	22.01	38.45	Pass
				H	28.67		
844.00	20600	16QAM	H	V	21.98		
				H	28.55		
10MHz(RB size 50 & RB offset 0)							
844.00	20600	QPSK	H	V	20.85	38.45	Pass
				H	27.65		
844.00	20600	16QAM	H	V	20.74		
				H	27.46		

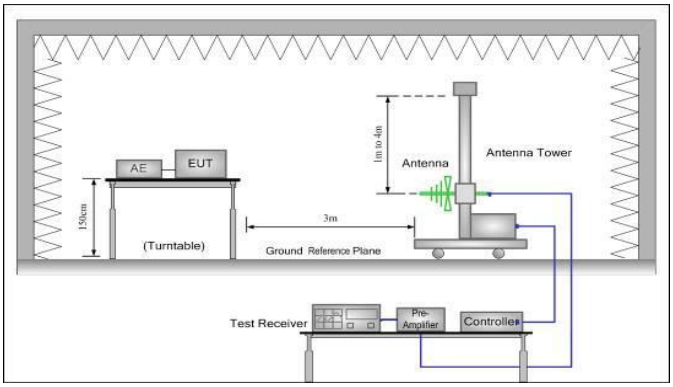
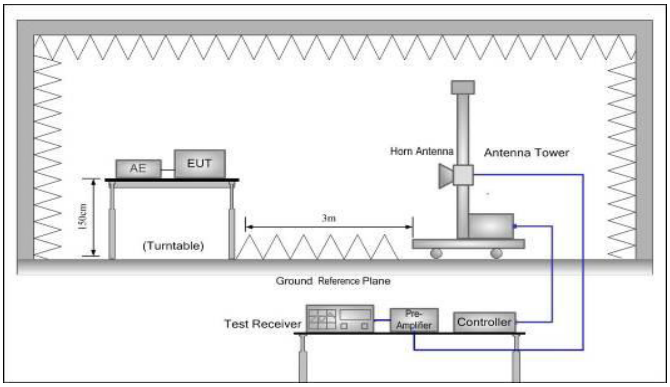
LTE band 7 part:

LTE Band 7							
BW: 5MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)							
2502.50	20775	QPSK	H	V	12.62	33.00	Pass
				H	18.67		
2502.50	20775	16QAM	H	V	12.45		
				H	18.53		
5MHz(RB size 12 & RB offset 0)							
2502.50	20775	QPSK	H	V	10.22	33.00	Pass
				H	17.23		
2502.50	20775	16QAM	H	V	10.18		
				H	17.11		
5MHz(RB size 25 & RB offset 0)							
2502.50	20775	QPSK	H	V	8.43	33.00	Pass
				H	14.99		
2502.50	20775	16QAM	H	V	8.41		
				H	14.89		
Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)							
2535.00	21100	QPSK	H	V	12.68	33.00	Pass
				H	18.66		
2535.00	21100	16QAM	H	V	12.47		
				H	18.56		
5MHz(RB size 12 & RB offset 0)							
2535.00	21100	QPSK	H	V	10.25	33.00	Pass
				H	17.25		
2535.00	21100	16QAM	H	V	10.19		
				H	17.18		
5MHz(RB size 25 & RB offset 0)							
2535.00	21100	QPSK	H	V	8.46	33.00	Pass
				H	14.92		
2535.00	21100	16QAM	H	V	8.43		
				H	14.86		

Highest channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)							
2567.50	21425	QPSK	H	V	12.72	33.00	Pass
				H	18.61		
2567.50	21425	16QAM	H	V	12.44		
				H	18.53		
5MHz(RB size 12 & RB offset 0)							
2567.50	21425	QPSK	H	V	10.26	33.00	Pass
				H	17.23		
2567.50	21425	16QAM	H	V	10.21		
				H	17.19		
5MHz(RB size 25 & RB offset 0)							
2567.50	21425	QPSK	H	V	8.48	33.00	Pass
				H	14.95		
2567.50	21425	16QAM	H	V	8.41		
				H	14.92		
BW: 20MHz							
Lowset channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
2510.00	20850	QPSK	H	V	12.74	33.00	Pass
				H	18.63		
2510.00	20850	16QAM	H	V	12.42		
				H	18.57		
20MHz(RB size 50 & RB offset 0)							
2510.00	20850	QPSK	H	V	10.28	33.00	Pass
				H	17.29		
2510.00	20850	16QAM	H	V	10.13		
				H	17.18		
20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)							
2510.00	20850	QPSK	H	V	8.45	33.00	Pass
				H	14.96		
2510.00	20850	16QAM	H	V	8.47		
				H	14.96		

Middle channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
2535.00	21100	QPSK	H	V	12.69	33.00	Pass
				H	18.71		
2535.00	21100	16QAM	H	V	12.44		
				H	18.55		
20MHz(RB size 50 & RB offset 0)							
2535.00	21100	QPSK	H	V	10.28	33.00	Pass
				H	17.31		
2535.00	21100	16QAM	H	V	10.17		
				H	17.21		
20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)							
2535.00	21100	QPSK	H	V	8.51	33.00	Pass
				H	14.91		
2535.00	21100	16QAM	H	V	8.49		
				H	14.92		
High channel							
Frequency (MHz)	UL Channel	Modulation	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)							
2560.00	21350	QPSK	H	V	12.63	33.00	Pass
				H	18.75		
2560.00	21350	16QAM	H	V	12.47		
				H	18.59		
20MHz(RB size 50 & RB offset 0)							
2560.00	21350	QPSK	H	V	10.31	33.00	Pass
				H	17.25		
2560.00	21350	16QAM	H	V	10.13		
				H	17.14		
20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)							
2560.00	21350	QPSK	H	V	8.47	33.00	Pass
				H	14.93		
2560.00	21350	16QAM	H	V	8.42		
				H	14.96		

6.6 Field strength of spurious radiation measurement

Test Requirement:	Part 22.917(b), Part 24.238 (a), Part 27.53(m), Part 27.53(h)
Test Method:	ANSI/TIA-603-D 2010
Limit:	LTE Band 2 & 4 & 5 The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$(P) dB (-13 dBm). LTE Band 7: For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less 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.
Test setup:	Below 1GHz  Above 1GHz 
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels).

	Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data:

LTE Band 2 part:

LTE Band 2, WB: 1.4MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3701.40	Vertical	-33.77	-13.00	Pass
5552.10	V	-40.94		
7402.00	V	-35.87		
3701.40	Horizontal	-28.34		
5552.10	H	-38.58		
7402.00	H	-34.78		
Middle Channel				
3760.00	Vertical	-27.69	-13.00	Pass
5640.00	V	-40.45		
7520.00	V	-35.12		
3760.00	Horizontal	-26.58		
5640.00	H	-38.32		
7520.00	H	-35.88		
Highest Channel				
3816.60	Vertical	-24.45	-13.00	Pass
5724.90	V	-41.62		
7633.20	V	-35.83		
3816.60	Horizontal	-22.50		
5724.90	H	-41.08		
7633.20	H	-35.25		

Note:
1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.
2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 2, WB: 3MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3703.00	Vertical	-31.25	-13.00	Pass
5554.50	V	-40.15		
7406.00	V	-35.75		
3703.00	Horizontal	-28.56		
5554.50	H	-38.69		
7406.00	H	-34.15		
Middle Channel				
3760.00	Vertical	-28.53	-13.00	Pass
5640.00	V	-40.26		
7520.00	V	-35.69		
3760.00	Horizontal	-26.45		
5640.00	H	-38.45		
7520.00	H	-35.96		
Highest Channel				
3817.00	Vertical	-25.36	-13.00	Pass
5725.50	V	-40.10		
7634.00	V	-35.26		
3817.00	Horizontal	-24.16		
5725.50	H	-40.36		
7634.00	H	-35.78		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 2, WB: 5MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3705.00	Vertical	-31.25	-13.00	Pass
5557.50	V	-40.53		
7410.00	V	-35.62		
3705.00	Horizontal	-28.36		
5557.50	H	-38.52		
7410.00	H	-34.12		
Middle Channel				
3760.00	Vertical	-29.36	-13.00	Pass
5640.00	V	-40.26		
7520.00	V	-35.68		
3760.00	Horizontal	-28.56		
5640.00	H	-38.42		
7520.00	H	-35.69		
Highest Channel				
3815.00	Vertical	-25.63	-13.00	Pass
5722.50	V	-40.52		
7630.00	V	-35.57		
3815.00	Horizontal	-23.12		
5722.50	H	-40.26		
7630.00	H	-35.23		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 2, WB: 10MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3710.00	Vertical	-29.56	-13.00	Pass
5565.00	V	-40.12		
7420.00	V	-36.23		
3710.00	Horizontal	-27.46		
5565.00	H	-38.52		
7420.00	H	-35.12		
Middle Channel				
3760.00	Vertical	-27.43	-13.00	Pass
5640.00	V	-40.26		
7520.00	V	-36.92		
3760.00	Horizontal	-27.45		
5640.00	H	-38.52		
7520.00	H	-35.26		
Highest Channel				
3810.00	Vertical	-26.36	-13.00	Pass
5715.00	V	-40.58		
7620.00	V	-35.57		
3810.00	Horizontal	-25.56		
5715.00	H	-38.56		
7620.00	H	-35.69		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 2, WB: 15MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3715.00	Vertical	-33.53	-13.00	Pass
5572.50	V	-40.26		
7430.00	V	35.75		
3715.00	Horizontal	-28.36		
5572.50	H	-38.25		
7430.00	H	-35.26		
Middle Channel				
3760.00	Vertical	-28.42	-13.00	Pass
5640.00	V	-40.51		
7520.00	V	-35.26		
3760.00	Horizontal	-36.56		
5640.00	H	-38.45		
7520.00	H	-36.23		
Highest Channel				
3805.00	Vertical	-25.36	-13.00	Pass
5707.50	V	-40.24		
7610.00	V	-35.75		
3805.00	Horizontal	-24.15		
5707.50	H	-39.26		
7610.00	H	-36.56		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 2, WB: 20MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3720.00	Vertical	-33.26	-13.00	Pass
5580.00	V	-40.52		
7440.00	V	-35.26		
3720.00	Horizontal	-28.53		
5580.00	H	-38.51		
7440.00	H	-34.15		
Middle Channel				
3760.00	Vertical	-28.26	-13.00	Pass
5640.00	V	-40.53		
7520.00	V	-35.59		
3760.00	Horizontal	-27.52		
5640.00	H	-38.56		
7520.00	H	-36.56		
Highest Channel				
3800.00	Vertical	-25.42	-13.00	Pass
5700.00	V	-40.36		
7600.00	V	-35.26		
3800.00	Horizontal	-23.26		
5700.00	H	-38.92		
7600.00	H	-35.45		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4 part:

LTE Band 4, WB: 1.4MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3421.40	Vertical	-42.82	-13.00	Pass
5132.10	V	-40.70		
6842.80	V	-36.70		
3421.40	Horizontal	-37.68		
5132.10	H	-40.13		
6842.80	H	-36.74		
Middle Channel				
3465.00	Vertical	-44.24	-13.00	Pass
5197.50	V	-42.09		
6930.00	V	-36.01		
3465.00	Horizontal	-41.99		
5197.50	H	-37.90		
6930.00	H	-36.00		
Highest Channel				
3508.60	Vertical	-42.83	-13.00	Pass
5262.90	V	-41.18		
7017.20	V	-36.20		
3508.60	Horizontal	-39.64		
5262.90	H	-40.87		
7017.20	H	-35.13		

Note:
1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.
2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4, WB: 3MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3423.00	Vertical	-43.26	-13.00	Pass
5134.50	V	-40.15		
6846.00	V	-36.56		
3423.00	Horizontal	-38.26		
5134.50	H	-39.62		
6846.00	H	-36.53		
Middle Channel				
3465.00	Vertical	-42.12	-13.00	Pass
5197.50	V	-40.36		
6930.00	V	-36.23		
3465.00	Horizontal	-39.56		
5197.50	H	-38.52		
6930.00	H	-36.23		
Highest Channel				
3507.00	Vertical	-42.16	-13.00	Pass
5260.50	V	-41.36		
7014.00	V	-36.23		
3507.00	Horizontal	-39.69		
5260.50	H	-38.12		
7014.00	H	-36.36		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4, WB: 5MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3425.00	Vertical	-43.26	-13.00	Pass
5137.50	V	-40.26		
6850.00	V	-36.56		
3425.00	Horizontal	-37.52		
5137.50	H	-39.23		
6850.00	H	-36.23		
Middle Channel				
3465.00	Vertical	-42.36	-13.00	Pass
5197.50	V	-41.26		
6930.00	V	-36.58		
3465.00	Horizontal	-38.23		
5197.50	H	-40.23		
6930.00	H	-36.23		
Highest Channel				
3505.00	Vertical	-43.63	-13.00	Pass
5257.50	V	-41.25		
7010.00	V	-36.89		
3505.00	Horizontal	-37.42		
5257.50	H	-36.53		
7010.00	H	-36.26		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4, WB: 10MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3430.00	Vertical	-43.26	-13.00	Pass
5145.00	V	-40.25		
6860.00	V	-36.53		
3430.00	Horizontal	-37.45		
5145.00	H	-38.59		
6860.00	H	-36.23		
Middle Channel				
3465.00	Vertical	-43.26	-13.00	Pass
5197.50	V	-40.25		
6930.00	V	-36.59		
3465.00	Horizontal	-37.45		
5197.50	H	-36.23		
6930.00	H	-37.45		
Highest Channel				
3500.00	Vertical	-43.26	-13.00	Pass
5250.00	V	-41.25		
7000.00	V	-36.59		
3500.00	Horizontal	-39.53		
5250.00	H	-37.26		
7000.00	H	-36.53		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4, WB: 15MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3435.00	Vertical	-44.26	-13.00	Pass
5152.50	V	-40.25		
6870.00	V	-36.53		
3435.00	Horizontal	-37.58		
5152.50	H	-39.23		
6870.00	H	-36.23		
Middle Channel				
3465.00	Vertical	-42.15	-13.00	Pass
5197.50	V	-40.21		
6930.00	V	-36.23		
3465.00	Horizontal	-38.56		
5197.50	H	-39.65		
6930.00	H	-36.27		
Highest Channel				
3495.00	Vertical	-44.15	-13.00	Pass
5242.50	V	-40.26		
6990.00	V	-36.25		
3495.00	Horizontal	-39.65		
5242.50	H	-38.12		
6990.00	H	-36.42		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 4, WB: 20MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
3440.00	Vertical	-42.36	-13.00	Pass
5160.00	V	-40.25		
6880.00	V	-36.53		
3440.00	Horizontal	-38.55		
5160.00	H	-37.42		
6880.00	H	-36.62		
Middle Channel				
3465.00	Vertical	-43.26	-13.00	Pass
5197.50	V	-40.15		
6930.00	V	-36.53		
3465.00	Horizontal	-36.56		
5197.50	H	-37.48		
6930.00	H	-37.48		
Highest Channel				
3490.00	Vertical	-42.36	-13.00	Pass
5235.00	V	-41.21		
6980.00	V	-36.53		
3490.00	Horizontal	-38.56		
5235.00	H	-38.52		
6980.00	H	-36.65		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 5 part:

LTE Band 5, WB: 1.4MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
1649.40	Vertical	-45.93	-13.00	Pass
2474.10	V	-44.78		
3298.80	V	-48.10		
1649.40	Horizontal	-45.03		
2474.10	H	-51.06		
3298.80	H	-46.08		
Middle Channel				
1673.00	Vertical	-46.31	-13.00	Pass
2509.50	V	-51.76		
3346.00	V	-47.77		
1673.00	Horizontal	-43.21		
2509.50	H	-51.42		
3346.00	H	-47.98		
Highest Channel				
1696.60	Vertical	-48.82	-13.00	Pass
2544.90	V	-52.56		
3393.20	V	-46.45		
1696.60	Horizontal	-46.90		
2544.90	H	-49.84		
3393.20	H	-47.53		

Note:
1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.
2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 5, WB: 3MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
1651.00	Vertical	-46.36	-13.00	Pass
2476.50	V	-48.45		
3302.00	V	-47.75		
1651.00	Horizontal	-44.69		
2476.50	H	-50.36		
3302.00	H	-48.26		
Middle Channel				
1673.00	Vertical	-48.56	-13.00	Pass
2509.50	V	-51.23		
3346.00	V	-47.63		
1673.00	Horizontal	-45.26		
2509.50	H	-50.26		
3346.00	H	-48.13		
Highest Channel				
1695.00	Vertical	-47.56	-13.00	Pass
2542.50	V	-50.26		
3390.00	V	-48.56		
1695.00	Horizontal	-45.26		
2542.50	H	-51.42		
3390.00	H	-46.39		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 5, WB: 5MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
1653.00	Vertical	-45.63	-13.00	Pass
2479.50	V	-46.36		
3306.00	V	-48.57		
1653.00	Horizontal	-44.50		
2479.50	H	-50.36		
3306.00	H	-47.53		
Middle Channel				
1673.00	Vertical	-47.53	-13.00	Pass
2509.50	V	-51.26		
3346.00	V	-46.36		
1673.00	Horizontal	-45.23		
2509.50	H	-50.46		
3346.00	H	-47.58		
Highest Channel				
1693.00	Vertical	-47.45	-13.00	Pass
2539.50	V	-51.24		
3386.00	V	-46.39		
1693.00	Horizontal	-44.69		
2539.50	H	-50.15		
3386.00	H	-47.36		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 5, WB: 10MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
1658.00	Vertical	-45.26	-13.00	Pass
2487.00	V	-47.15		
3316.00	V	-48.53		
1658.00	Horizontal	-45.26		
2487.00	H	-51.36		
3316.00	H	-47.56		
Middle Channel				
1673.00	Vertical	-47.26	-13.00	Pass
2509.50	V	-50.36		
3346.00	V	-47.89		
1673.00	Horizontal	-45.69		
2509.50	H	-50.12		
3346.00	H	-48.75		
Highest Channel				
1688.00	Vertical	-48.53	-13.00	Pass
2532.00	V	-50.36		
3376.00	V	-47.86		
1688.00	Horizontal	-44.36		
2532.00	H	-50.26		
3376.00	H	-46.69		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 7 part:

LTE Band 7, WB: 5MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
5005.00	Vertical	-34.58	-25.00	Pass
7507.50	V	-26.01		
10010.00	V	-33.09		
5005.00	Horizontal	-34.83		
7507.50	H	-28.50		
10010.00	H	-33.51		
Middle Channel				
5070.00	Vertical	-37.77	-25.00	Pass
7605.00	V	-30.71		
10140.00	V	-32.33		
5070.00	Horizontal	-38.94		
7605.00	H	-32.48		
10140.00	H	-32.89		
Highest Channel				
5135.00	Vertical	-37.75	-25.00	Pass
7702.50	V	-33.92		
10270.00	V	-31.93		
5135.00	Horizontal	-39.99		
7702.50	H	-34.85		
10270.00	H	-31.28		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 7, WB: 10MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
5010.00	Vertical	-36.23	-25.00	Pass
7515.00	V	-27.19		
10020.00	V	-33.59		
5010.00	Horizontal	-34.23		
7515.00	H	-28.69		
10020.00	H	-32.53		
Middle Channel				
5070.00	Vertical	-38.12	-25.00	Pass
7605.00	V	-31.26		
10140.00	V	-33.26		
5070.00	Horizontal	-37.45		
7605.00	H	-32.23		
10140.00	H	-33.36		
Highest Channel				
5130.00	Vertical	-36.56	-25.00	Pass
7695.00	V	-31.06		
10260.00	V	-32.45		
5130.00	Horizontal	-38.56		
7695.00	H	-33.26		
10260.00	H	-32.16		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE Band 7, WB: 15MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
5015.00	Vertical	-35.26	-25.00	Pass
7522.50	V	-27.42		
10030.00	V	-33.26		
5015.00	Horizontal	-33.26		
7522.50	H	-28.46		
10030.00	H	-34.15		
Middle Channel				
5070.00	Vertical	-37.45	-25.00	Pass
7605.00	V	-31.26		
10140.00	V	-32.26		
5070.00	Horizontal	-36.23		
7605.00	H	-30.21		
10140.00	H	-34.12		
Highest Channel				
5125.00	Vertical	-38.56	-25.00	Pass
7687.50	V	-30.16		
10250.00	V	-32.56		
5125.00	Horizontal	-38.52		
7687.50	H	-30.12		
10250.00	H	-34.12		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

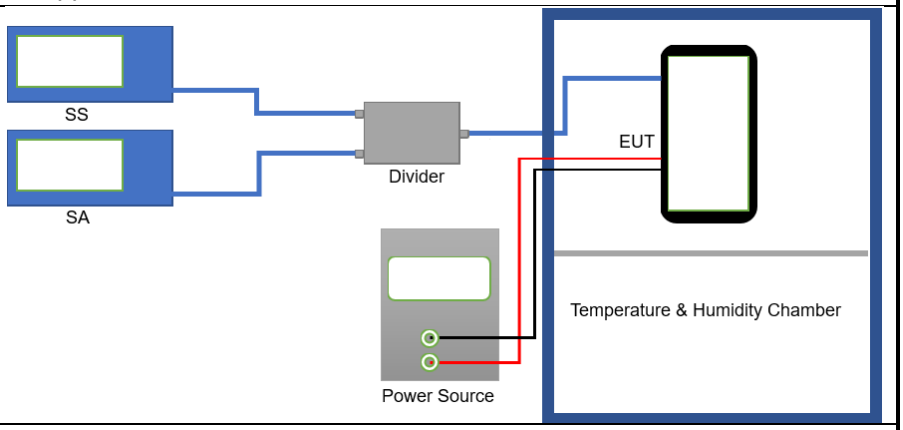
LTE Band 7, WB: 20MHz				
RB size 1 & RB offset 0				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest Channel				
5020.00	Vertical	-35.06	-25.00	Pass
7530.00	V	-26.16		
10040.00	V	-31.48		
5020.00	Horizontal	-35.23		
7530.00	H	-30.12		
10040.00	H	-32.56		
Middle Channel				
5070.00	Vertical	-38.56	-25.00	Pass
7605.00	V	-30.16		
10140.00	V	-32.15		
5070.00	Horizontal	-38.42		
7605.00	H	-33.53		
10140.00	H	-32.15		
Highest Channel				
5120.00	Vertical	-36.53	-25.00	Pass
7680.00	V	-30.14		
10240.00	V	-32.15		
5120.00	Horizontal	-37.45		
7680.00	H	-32.56		
10240.00	H	-32.25		

Note:

1. The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

2. For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

6.7 Frequency stability V.S. Temperature measurement

Test Requirement:	Part 22.355, Part 24.235, Part 27.54, Part 2.1055(a)(1)(b)
Test Method:	ANSI/TIA-603-D 2010
Limit:	±2.5ppm
Test setup:	
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25℃ operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case):

LTE Band 2 part:

Reference Frequency: LTE Band 2 (10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.70	-30	198	0.105319	±2.5	Pass
	-20	155	0.082447		
	-10	163	0.086702		
	0	123	0.065426		
	10	188	0.100000		
	20	174	0.092553		
	30	114	0.060638		
	40	105	0.055851		
	50	150	0.079787		
16QAM					
3.70	-30	123	0.065426	±2.5	Pass
	-20	150	0.079787		
	-10	166	0.088298		
	0	122	0.064894		
	10	144	0.076596		
	20	140	0.074468		
	30	156	0.082979		
	40	133	0.070745		
	50	138	0.073404		
Note: Only the worst case shown in the report.					

LTE Band 4 part:

Reference Frequency: LTE Band 4 (10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.70	-30	198	0.114286	±2.5	Pass
	-20	155	0.089466		
	-10	163	0.094084		
	0	123	0.070996		
	10	188	0.108514		
	20	174	0.100433		
	30	114	0.065801		
	40	105	0.060606		
	50	150	0.086580		
16QAM					
3.70	-30	123	0.070996	±2.5	Pass
	-20	150	0.086580		
	-10	166	0.095815		
	0	122	0.070418		
	10	144	0.083117		
	20	140	0.080808		
	30	156	0.090043		
	40	133	0.076768		
	50	138	0.079654		
Note: Only the worst case shown in the report.					

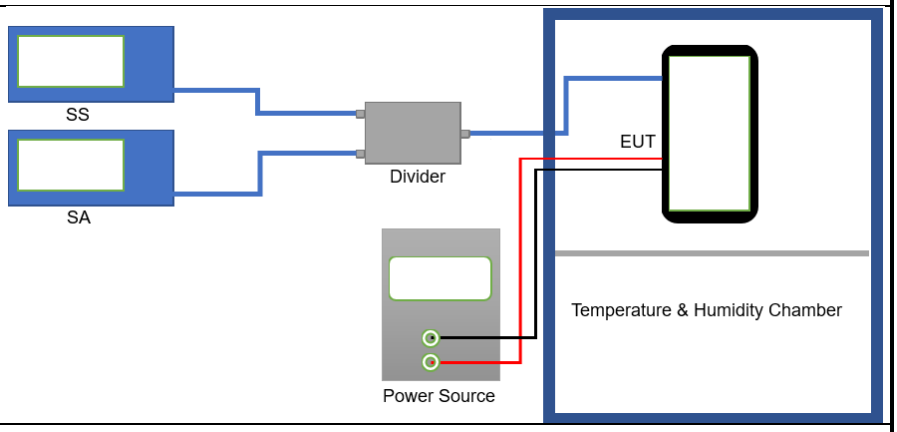
LTE Band 5 part:

Reference Frequency: LTE Band 5 (10MHz) Middle channel=20525 channel=836.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.70	-30	198	0.236701	±2.5	Pass
	-20	155	0.185296		
	-10	163	0.194860		
	0	123	0.147041		
	10	188	0.224746		
	20	174	0.208010		
	30	114	0.136282		
	40	105	0.125523		
	50	150	0.179319		
16QAM					
3.70	-30	123	0.147041	±2.5	Pass
	-20	150	0.179319		
	-10	166	0.198446		
	0	122	0.145846		
	10	144	0.172146		
	20	140	0.167364		
	30	156	0.186491		
	40	133	0.158996		
	50	138	0.164973		
Note: Only the worst case shown in the report.					

LTE Band 7 part:

Reference Frequency: LTE Band 7 (10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
3.70	-30	198	0.078107	±2.5	Pass
	-20	155	0.061144		
	-10	163	0.064300		
	0	123	0.048521		
	10	188	0.074162		
	20	174	0.068639		
	30	114	0.044970		
	40	105	0.041420		
	50	150	0.059172		
16QAM					
3.70	-30	123	0.048521	±2.5	Pass
	-20	150	0.059172		
	-10	166	0.065483		
	0	122	0.048126		
	10	144	0.056805		
	20	140	0.055227		
	30	156	0.061538		
	40	133	0.052465		
	50	138	0.054438		
Note: Only the worst case shown in the report.					

6.8 Frequency stability V.S. Voltage measurement

Test Requirement:	Part 22.355, Part 24.235, Part 27.54, Part 2.1055(d)(2)
Test Method:	ANSI/TIA-603-D 2010
Limit:	±2.5ppm
Test setup:	
Test procedure:	1. Set chamber temperature to 25℃. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.9 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case):

LTE Band 2 part:

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.25	98	0.052128	±2.5	Pass
	3.70	65	0.034574		
	3.15	74	0.039362		
16QAM					
25	4.25	80	0.042553	±2.5	Pass
	3.70	96	0.051064		
	3.15	48	0.025532		
Note: Only the worst case shown in the report.					

LTE Band 4 part:

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.25	98	0.056566	±2.5	Pass
	3.70	65	0.037518		
	3.15	74	0.042713		
16QAM					
25	4.25	80	0.046176	±2.5	Pass
	3.70	96	0.055411		
	3.15	48	0.027706		
Note: Only the worst case shown in the report.					

LTE Band 5 part:

Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 channel=836.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.25	98	0.117155	±2.5	Pass
	3.70	65	0.077705		
	3.15	74	0.088464		
16QAM					
25	4.25	80	0.095637	±2.5	Pass
	3.70	96	0.114764		
	3.15	48	0.057382		
Note: Only the worst case shown in the report.					

LTE Band 7 part:

Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
QPSK					
25	4.25	98	0.038659	±2.5	Pass
	3.70	65	0.025641		
	3.15	74	0.029191		
16QAM					
25	4.25	80	0.031558	±2.5	Pass
	3.70	96	0.037870		
	3.15	48	0.018935		
Note: Only the worst case shown in the report.					