



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1732.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	100k	RMS	1.7085G	-55.13	-13.00	-42.13	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	100k	RMS	1.70948G	-69.52	-13.00	-56.52	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	100k	RMS	1.75555G	-69.57	-13.00	-56.57	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	100k	RMS	1.7605G	-54.97	-13.00	-41.97	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	3.46148G	-50.08	-13.00	-37.08	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.71	-13.00	-31.71	-
1753.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	78.231k	-67.97	-13.00	-54.97	-
1753.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.881M	-52.88	-13.00	-39.88	-
1753.5MHz_RB 15,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03989G	-53.74	-13.00	-40.74	-
1753.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.6885G	-54.34	-13.00	-41.34	-
1753.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	100k	RMS	1.7085G	-55.33	-13.00	-42.33	MBW 1M
1753.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	100k	RMS	1.71G	-69.98	-13.00	-56.98	-
1753.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	100k	RMS	1.755G	-28.54	-13.00	-15.54	-
1753.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	100k	RMS	1.7565G	-22.99	-13.00	-9.99	MBW 1M
1753.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	1.761G	-43.17	-13.00	-30.17	-
1753.5MHz_RB 15,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.32	-13.00	-31.32	-
1753.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	56.094k	-58.01	-13.00	-45.01	-
1753.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.911M	-53.77	-13.00	-40.77	-
1753.5MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.03989G	-53.86	-13.00	-40.86	-
1753.5MHz_RB 1,#RB H	Pass	1.5G	1.704G	1M	3M	RMS	1.68931G	-54.20	-13.00	-41.20	-
1753.5MHz_RB 1,#RB H	Pass	1.704G	1.709G	30k	100k	RMS	1.7085G	-55.24	-13.00	-42.24	MBW 1M
1753.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	30k	100k	RMS	1.70921G	-69.51	-13.00	-56.51	-
1753.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	30k	100k	RMS	1.755G	-22.05	-13.00	-9.05	-
1753.5MHz_RB 1,#RB H	Pass	1.756G	1.761G	30k	100k	RMS	1.7565G	-42.38	-13.00	-29.38	MBW 1M
1753.5MHz_RB 1,#RB H	Pass	1.761G	5G	1M	3M	RMS	3.51006G	-50.55	-13.00	-37.55	-
1753.5MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.91	-13.00	-31.91	-
Band 4_LTE_3MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	14.499k	-69.63	-13.00	-56.63	-
1711.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	418.65k	-62.50	-13.00	-49.50	-
1711.5MHz_RB 15,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.06635G	-53.76	-13.00	-40.76	-
1711.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.7038G	-40.29	-13.00	-27.29	-
1711.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	100k	RMS	1.7085G	-22.59	-13.00	-9.59	MBW 1M
1711.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	100k	RMS	1.71G	-28.70	-13.00	-15.70	-
1711.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	100k	RMS	1.75595G	-69.74	-13.00	-56.74	-
1711.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	100k	RMS	1.7605G	-55.11	-13.00	-42.11	MBW 1M
1711.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	4.96437G	-51.26	-13.00	-38.26	-
1711.5MHz_RB 15,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.18205G	-44.62	-13.00	-31.62	-
1711.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	27.894k	-59.66	-13.00	-46.66	-
1711.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	985.8k	-62.68	-13.00	-49.68	-
1711.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.02225G	-53.85	-13.00	-40.85	-
1711.5MHz_RB 1,#RB L	Pass	1.5G	1.704G	1M	3M	RMS	1.7038G	-51.61	-13.00	-38.61	-
1711.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	100k	RMS	1.7085G	-42.16	-13.00	-29.16	MBW 1M
1711.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	100k	RMS	1.71G	-22.56	-13.00	-9.56	-
1711.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	100k	RMS	1.75593G	-69.46	-13.00	-56.46	-
1711.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	100k	RMS	1.7605G	-55.05	-13.00	-42.05	MBW 1M
1711.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	4.99028G	-51.06	-13.00	-38.06	-
1711.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.52	-13.00	-31.52	-
1732.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	78.372k	-67.68	-13.00	-54.68	-
1732.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	985.8k	-57.37	-13.00	-44.37	-
1732.5MHz_RB 15,#RB 0	Pass	30M	1.5G	1M	3M	RMS	986.97M	-53.75	-13.00	-40.75	-
1732.5MHz_RB 15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.68972G	-54.39	-13.00	-41.39	-
1732.5MHz_RB 15,#RB 0	Pass	1.704G	1.709G	30k	100k	RMS	1.7075G	-55.19	-13.00	-42.19	MBW 1M
1732.5MHz_RB 15,#RB 0	Pass	1.709G	1.71G	30k	100k	RMS	1.70944G	-69.69	-13.00	-56.69	-
1732.5MHz_RB 15,#RB 0	Pass	1.755G	1.756G	30k	100k	RMS	1.75531G	-69.50	-13.00	-56.50	-
1732.5MHz_RB 15,#RB 0	Pass	1.756G	1.761G	30k	100k	RMS	1.7605G	-55.01	-13.00	-42.01	MBW 1M
1732.5MHz_RB 15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	4.94494G	-51.16	-13.00	-38.16	-
1732.5MHz_RB 15,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.63	-13.00	-31.63	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	77.949k	-61.13	-13.00	-48.13	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	955.95k	-53.53	-13.00	-40.53	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	979.62M	-53.87	-13.00	-40.87	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.704G	1M	3M	RMS	1.68972G	-54.32	-13.00	-41.32	-
1732.5MHz_RB 1,#RB L	Pass	1.704G	1.709G	30k	100k	RMS	1.7085G	-55.18	-13.00	-42.18	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	30k	100k	RMS	1.70916G	-69.35	-13.00	-56.35	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	30k	100k	RMS	1.75587G	-69.23	-13.00	-56.23	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.761G	30k	100k	RMS	1.7605G	-54.98	-13.00	-41.98	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.761G	5G	1M	3M	RMS	3.46148G	-50.38	-13.00	-37.38	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-45.01	-13.00	-32.01	-
1753.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	95.574k	-67.37	-13.00	-54.37	-
1753.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.553M	-62.17	-13.00	-49.17	-
1753.5MHz_RB 15,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.09134G	-53.79	-13.00	-40.79	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1753.5MHz_RB_15,#RB 0	Pass	1.5G	1.704G	1M	3M	RMS	1.65626G	-54.32	-13.00	-41.32	-
1753.5MHz_RB_15,#RB 0	Pass	1.704G	1.709G	30k	100k	RMS	1.7075G	-55.30	-13.00	-42.30	MBW 1M
1753.5MHz_RB_15,#RB 0	Pass	1.709G	1.71G	30k	100k	RMS	1.70933G	-69.70	-13.00	-56.70	-
1753.5MHz_RB_15,#RB 0	Pass	1.755G	1.756G	30k	100k	RMS	1.755G	-28.61	-13.00	-15.61	-
1753.5MHz_RB_15,#RB 0	Pass	1.756G	1.761G	30k	100k	RMS	1.7565G	-23.16	-13.00	-10.16	MBW 1M
1753.5MHz_RB_15,#RB 0	Pass	1.761G	5G	1M	3M	RMS	1.761G	-43.25	-13.00	-30.25	-
1753.5MHz_RB_15,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.50	-13.00	-31.50	-
1753.5MHz_RB_1,#RB H	Pass	9k	150k	1k	3k	RMS	21.549k	-58.69	-13.00	-45.69	-
1753.5MHz_RB_1,#RB H	Pass	150k	30M	10k	30k	RMS	1.941M	-52.15	-13.00	-39.15	-
1753.5MHz_RB_1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.03842G	-53.67	-13.00	-40.67	-
1753.5MHz_RB_1,#RB H	Pass	1.5G	1.704G	1M	3M	RMS	1.68564G	-54.28	-13.00	-41.28	-
1753.5MHz_RB_1,#RB H	Pass	1.704G	1.709G	30k	100k	RMS	1.7075G	-55.28	-13.00	-42.28	MBW 1M
1753.5MHz_RB_1,#RB H	Pass	1.709G	1.71G	30k	100k	RMS	1.70924G	-69.88	-13.00	-56.88	-
1753.5MHz_RB_1,#RB H	Pass	1.755G	1.756G	30k	100k	RMS	1.755G	-22.54	-13.00	-9.54	-
1753.5MHz_RB_1,#RB H	Pass	1.756G	1.761G	30k	100k	RMS	1.7565G	-42.70	-13.00	-29.70	MBW 1M
1753.5MHz_RB_1,#RB H	Pass	1.761G	5G	1M	3M	RMS	3.51006G	-50.36	-13.00	-37.36	-
1753.5MHz_RB_1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.91	-13.00	-31.91	-
Band 4_LTE_5MHz_QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
1712.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	98.394k	-71.31	-13.00	-58.31	-
1712.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	2.001M	-56.83	-13.00	-43.83	-
1712.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03989G	-53.85	-13.00	-40.85	-
1712.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6996G	-40.45	-13.00	-27.45	-
1712.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-22.86	-13.00	-9.86	MBW 1M
1712.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.71G	-29.84	-13.00	-16.84	-
1712.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.75533G	-67.62	-13.00	-54.62	-
1712.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7605G	-54.99	-13.00	-41.99	MBW 1M
1712.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	4.9903G	-50.91	-13.00	-37.91	-
1712.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.90	-13.00	-31.90	-
1712.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	76.116k	-58.61	-13.00	-45.61	-
1712.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	2.031M	-55.19	-13.00	-42.19	-
1712.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.059G	-53.81	-13.00	-40.81	-
1712.5MHz_RB_1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.6996G	-52.92	-13.00	-39.92	-
1712.5MHz_RB_1,#RB L	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-40.69	-13.00	-27.69	MBW 1M
1712.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	50k	200k	RMS	1.71G	-23.59	-13.00	-10.59	-
1712.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	50k	200k	RMS	1.75521G	-67.63	-13.00	-54.63	-
1712.5MHz_RB_1,#RB L	Pass	1.756G	1.765G	50k	200k	RMS	1.7635G	-54.97	-13.00	-41.97	MBW 1M
1712.5MHz_RB_1,#RB L	Pass	1.765G	5G	1M	3M	RMS	4.9903G	-50.73	-13.00	-37.73	-
1712.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.71	-13.00	-31.71	-
1732.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	90.921k	-70.22	-13.00	-57.22	-
1732.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-53.25	-13.00	-40.25	-
1732.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.02372G	-53.81	-13.00	-40.81	-
1732.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6898G	-54.09	-13.00	-41.09	-
1732.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-53.74	-13.00	-40.74	MBW 1M
1732.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.70997G	-65.28	-13.00	-52.28	-
1732.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.75555G	-65.56	-13.00	-52.56	-
1732.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-53.97	-13.00	-40.97	MBW 1M
1732.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	4.96442G	-51.24	-13.00	-38.24	-
1732.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.67	-13.00	-31.67	-
1732.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	74.847k	-56.98	-13.00	-43.98	-
1732.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-57.69	-13.00	-44.69	-
1732.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.05018G	-53.71	-13.00	-40.71	-
1732.5MHz_RB_1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.6594G	-54.38	-13.00	-41.38	-
1732.5MHz_RB_1,#RB L	Pass	1.7G	1.709G	50k	200k	RMS	1.7035G	-55.03	-13.00	-42.03	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	50k	200k	RMS	1.70975G	-67.79	-13.00	-54.79	-
1732.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	50k	200k	RMS	1.75545G	-67.36	-13.00	-54.36	-
1732.5MHz_RB_1,#RB L	Pass	1.756G	1.765G	50k	200k	RMS	1.7645G	-54.87	-13.00	-41.87	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.46014G	-49.73	-13.00	-36.73	-
1732.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-45.03	-13.00	-32.03	-
1752.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	93.318k	-67.39	-13.00	-54.39	-
1752.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.822M	-58.38	-13.00	-45.38	-
1752.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.01343G	-53.80	-13.00	-40.80	-
1752.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.5982G	-54.42	-13.00	-41.42	-
1752.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7025G	-55.11	-13.00	-42.11	MBW 1M
1752.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.70937G	-67.59	-13.00	-54.59	-
1752.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.755G	-30.28	-13.00	-17.28	-
1752.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-23.66	-13.00	-10.66	MBW 1M
1752.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	1.765G	-42.63	-13.00	-29.63	-
1752.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.85	-13.00	-31.85	-
1752.5MHz_RB_1,#RB H	Pass	9k	150k	1k	3k	RMS	89.37k	-56.31	-13.00	-43.31	-
1752.5MHz_RB_1,#RB H	Pass	150k	30M	10k	30k	RMS	1.822M	-57.87	-13.00	-44.87	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1752.5MHz_RB_1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.03401G	-53.64	-13.00	-40.64	-
1752.5MHz_RB_1,#RB H	Pass	1.5G	1.7G	1M	3M	RMS	1.6896G	-54.53	-13.00	-41.53	-
1752.5MHz_RB_1,#RB H	Pass	1.7G	1.709G	50k	200k	RMS	1.7015G	-54.40	-13.00	-41.40	MBW 1M
1752.5MHz_RB_1,#RB H	Pass	1.709G	1.71G	50k	200k	RMS	1.70985G	-67.94	-13.00	-54.94	-
1752.5MHz_RB_1,#RB H	Pass	1.755G	1.756G	50k	200k	RMS	1.755G	-23.46	-13.00	-10.46	-
1752.5MHz_RB_1,#RB H	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-40.41	-13.00	-27.41	MBW 1M
1752.5MHz_RB_1,#RB H	Pass	1.765G	5G	1M	3M	RMS	3.50867G	-49.89	-13.00	-36.89	-
1752.5MHz_RB_1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.92	-13.00	-31.92	-
Band 4_LTE_5MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1712.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	94.023k	-65.82	-13.00	-52.82	-
1712.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.046M	-62.62	-13.00	-49.62	-
1712.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.00902G	-53.72	-13.00	-40.72	-
1712.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6996G	-41.76	-13.00	-28.76	-
1712.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-22.80	-13.00	-9.80	MBW 1M
1712.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.71G	-30.35	-13.00	-17.35	-
1712.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.75599G	-67.60	-13.00	-54.60	-
1712.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7645G	-54.95	-13.00	-41.95	MBW 1M
1712.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	4.29477G	-51.10	-13.00	-38.10	-
1712.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.96	-13.00	-31.96	-
1712.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	27.189k	-59.60	-13.00	-46.60	-
1712.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.99	-13.00	-46.99	-
1712.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.02225G	-53.76	-13.00	-40.76	-
1712.5MHz_RB_1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.7G	-53.04	-13.00	-40.04	-
1712.5MHz_RB_1,#RB L	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-41.01	-13.00	-28.01	MBW 1M
1712.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	50k	200k	RMS	1.71G	-23.51	-13.00	-10.51	-
1712.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	50k	200k	RMS	1.75575G	-67.83	-13.00	-54.83	-
1712.5MHz_RB_1,#RB L	Pass	1.756G	1.765G	50k	200k	RMS	1.7605G	-55.05	-13.00	-42.05	MBW 1M
1712.5MHz_RB_1,#RB L	Pass	1.765G	5G	1M	3M	RMS	4.98383G	-51.03	-13.00	-38.03	-
1712.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.89	-13.00	-31.89	-
1732.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	95.715k	-68.65	-13.00	-55.65	-
1732.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-62.08	-13.00	-49.08	-
1732.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.07223G	-53.91	-13.00	-40.91	-
1732.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6968G	-54.31	-13.00	-41.31	-
1732.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-54.19	-13.00	-41.19	MBW 1M
1732.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.70972G	-66.52	-13.00	-53.52	-
1732.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.7553G	-66.25	-13.00	-53.25	-
1732.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-54.32	-13.00	-41.32	MBW 1M
1732.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	4.33036G	-51.20	-13.00	-38.20	-
1732.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.98	-13.00	-31.98	-
1732.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	33.534k	-58.44	-13.00	-45.44	-
1732.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	955.95k	-54.21	-13.00	-41.21	-
1732.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.02813G	-53.71	-13.00	-40.71	-
1732.5MHz_RB_1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.647G	-54.28	-13.00	-41.28	-
1732.5MHz_RB_1,#RB L	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-55.00	-13.00	-42.00	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	50k	200k	RMS	1.70999G	-67.55	-13.00	-54.55	-
1732.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	50k	200k	RMS	1.75504G	-67.57	-13.00	-54.57	-
1732.5MHz_RB_1,#RB L	Pass	1.756G	1.765G	50k	200k	RMS	1.7595G	-54.88	-13.00	-41.88	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.46014G	-49.72	-13.00	-36.72	-
1732.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.18205G	-44.61	-13.00	-31.61	-
1752.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	12.243k	-69.89	-13.00	-56.89	-
1752.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.046M	-62.59	-13.00	-49.59	-
1752.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.05165G	-53.81	-13.00	-40.81	-
1752.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6816G	-54.29	-13.00	-41.29	-
1752.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7025G	-55.19	-13.00	-42.19	MBW 1M
1752.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.70988G	-67.90	-13.00	-54.90	-
1752.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.755G	-30.53	-13.00	-17.53	-
1752.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-23.58	-13.00	-10.58	MBW 1M
1752.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	1.765G	-43.97	-13.00	-30.97	-
1752.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.78	-13.00	-31.78	-
1752.5MHz_RB_1,#RB H	Pass	9k	150k	1k	3k	RMS	14.217k	-57.21	-13.00	-44.21	-
1752.5MHz_RB_1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.36	-13.00	-46.36	-
1752.5MHz_RB_1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.04136G	-53.99	-13.00	-40.99	-
1752.5MHz_RB_1,#RB H	Pass	1.5G	1.7G	1M	3M	RMS	1.6896G	-54.13	-13.00	-41.13	-
1752.5MHz_RB_1,#RB H	Pass	1.7G	1.709G	50k	200k	RMS	1.7015G	-54.65	-13.00	-41.65	MBW 1M
1752.5MHz_RB_1,#RB H	Pass	1.709G	1.71G	50k	200k	RMS	1.70945G	-67.81	-13.00	-54.81	-
1752.5MHz_RB_1,#RB H	Pass	1.755G	1.756G	50k	200k	RMS	1.755G	-23.58	-13.00	-10.58	-
1752.5MHz_RB_1,#RB H	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-41.63	-13.00	-28.63	MBW 1M
1752.5MHz_RB_1,#RB H	Pass	1.765G	5G	1M	3M	RMS	4.90295G	-50.50	-13.00	-37.50	-
1752.5MHz_RB_1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.18205G	-44.56	-13.00	-31.56	-
Band 4_LTE_5MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1712.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	15.345k	-70.64	-13.00	-57.64	-
1712.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-57.71	-13.00	-44.71	-
1712.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	970.8M	-53.77	-13.00	-40.77	-
1712.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.7G	-41.77	-13.00	-28.77	-
1712.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-22.71	-13.00	-9.71	MBW 1M
1712.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.71G	-30.41	-13.00	-17.41	-
1712.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.75517G	-67.47	-13.00	-54.47	-
1712.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7585G	-55.01	-13.00	-42.01	MBW 1M
1712.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	4.96765G	-51.16	-13.00	-38.16	-
1712.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.97	-13.00	-31.97	-
1712.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	13.089k	-59.31	-13.00	-46.31	-
1712.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	1.971M	-56.38	-13.00	-43.38	-
1712.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.05165G	-53.72	-13.00	-40.72	-
1712.5MHz_RB_1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.6996G	-53.14	-13.00	-40.14	-
1712.5MHz_RB_1,#RB L	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-41.72	-13.00	-28.72	MBW 1M
1712.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	50k	200k	RMS	1.71G	-24.85	-13.00	-11.85	-
1712.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	50k	200k	RMS	1.75519G	-67.67	-13.00	-54.67	-
1712.5MHz_RB_1,#RB L	Pass	1.756G	1.765G	50k	200k	RMS	1.7645G	-55.02	-13.00	-42.02	MBW 1M
1712.5MHz_RB_1,#RB L	Pass	1.765G	5G	1M	3M	RMS	4.9903G	-51.11	-13.00	-38.11	-
1712.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.63	-13.00	-31.63	-
1732.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	96.138k	-69.69	-13.00	-56.69	-
1732.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-56.04	-13.00	-43.04	-
1732.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.0443G	-53.84	-13.00	-40.84	-
1732.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.69G	-54.17	-13.00	-41.17	-
1732.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7085G	-54.40	-13.00	-41.40	MBW 1M
1732.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.70971G	-66.62	-13.00	-53.62	-
1732.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.75518G	-66.47	-13.00	-53.47	-
1732.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-54.36	-13.00	-41.36	MBW 1M
1732.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	4.29801G	-51.16	-13.00	-38.16	-
1732.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.99	-13.00	-31.99	-
1732.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	88.383k	-59.50	-13.00	-46.50	-
1732.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.46	-13.00	-49.46	-
1732.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.05312G	-53.78	-13.00	-40.78	-
1732.5MHz_RB_1,#RB L	Pass	1.5G	1.7G	1M	3M	RMS	1.6898G	-54.25	-13.00	-41.25	-
1732.5MHz_RB_1,#RB L	Pass	1.7G	1.709G	50k	200k	RMS	1.7035G	-55.05	-13.00	-42.05	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	50k	200k	RMS	1.70943G	-67.61	-13.00	-54.61	-
1732.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	50k	200k	RMS	1.75502G	-67.24	-13.00	-54.24	-
1732.5MHz_RB_1,#RB L	Pass	1.756G	1.765G	50k	200k	RMS	1.7635G	-54.93	-13.00	-41.93	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.765G	5G	1M	3M	RMS	3.46014G	-50.39	-13.00	-37.39	-
1732.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.61	-13.00	-31.61	-
1752.5MHz_RB_25,#RB 0	Pass	9k	150k	1k	3k	RMS	90.639k	-69.07	-13.00	-56.07	-
1752.5MHz_RB_25,#RB 0	Pass	150k	30M	10k	30k	RMS	926.1k	-54.54	-13.00	-41.54	-
1752.5MHz_RB_25,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.02372G	-53.57	-13.00	-40.57	-
1752.5MHz_RB_25,#RB 0	Pass	1.5G	1.7G	1M	3M	RMS	1.6722G	-54.30	-13.00	-41.30	-
1752.5MHz_RB_25,#RB 0	Pass	1.7G	1.709G	50k	200k	RMS	1.7035G	-55.16	-13.00	-42.16	MBW 1M
1752.5MHz_RB_25,#RB 0	Pass	1.709G	1.71G	50k	200k	RMS	1.70926G	-67.82	-13.00	-54.82	-
1752.5MHz_RB_25,#RB 0	Pass	1.755G	1.756G	50k	200k	RMS	1.755G	-31.42	-13.00	-18.42	-
1752.5MHz_RB_25,#RB 0	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-23.62	-13.00	-10.62	MBW 1M
1752.5MHz_RB_25,#RB 0	Pass	1.765G	5G	1M	3M	RMS	1.765G	-44.48	-13.00	-31.48	-
1752.5MHz_RB_25,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.72	-13.00	-31.72	-
1752.5MHz_RB_1,#RB H	Pass	9k	150k	1k	3k	RMS	91.626k	-59.09	-13.00	-46.09	-
1752.5MHz_RB_1,#RB H	Pass	150k	30M	10k	30k	RMS	1.075M	-61.39	-13.00	-48.39	-
1752.5MHz_RB_1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.15014G	-53.84	-13.00	-40.84	-
1752.5MHz_RB_1,#RB H	Pass	1.5G	1.7G	1M	3M	RMS	1.6738G	-54.34	-13.00	-41.34	-
1752.5MHz_RB_1,#RB H	Pass	1.7G	1.709G	50k	200k	RMS	1.7015G	-54.53	-13.00	-41.53	MBW 1M
1752.5MHz_RB_1,#RB H	Pass	1.709G	1.71G	50k	200k	RMS	1.70952G	-67.93	-13.00	-54.93	-
1752.5MHz_RB_1,#RB H	Pass	1.755G	1.756G	50k	200k	RMS	1.755G	-24.34	-13.00	-11.34	-
1752.5MHz_RB_1,#RB H	Pass	1.756G	1.765G	50k	200k	RMS	1.7565G	-41.61	-13.00	-28.61	MBW 1M
1752.5MHz_RB_1,#RB H	Pass	1.765G	5G	1M	3M	RMS	3.50867G	-49.98	-13.00	-36.98	-
1752.5MHz_RB_1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.76	-13.00	-31.76	-
Band 4_LTE_10MHz_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
1715MHz_RB_50,#RB 0	Pass	9k	150k	1k	3k	RMS	18.729k	-70.93	-13.00	-57.93	-
1715MHz_RB_50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.971M	-55.62	-13.00	-42.62	-
1715MHz_RB_50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.06194G	-53.74	-13.00	-40.74	-
1715MHz_RB_50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68772G	-44.07	-13.00	-31.07	-
1715MHz_RB_50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-24.52	-13.00	-11.52	MBW 1M
1715MHz_RB_50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-32.09	-13.00	-19.09	-
1715MHz_RB_50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-62.55	-13.00	-49.55	-
1715MHz_RB_50,#RB 0	Pass	1.756G	1.765G	100k	300k	RMS	1.7565G	-52.73	-13.00	-39.73	MBW 1M
1715MHz_RB_50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	4.99033G	-51.18	-13.00	-38.18	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1715MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.83	-13.00	-31.83	-
1715MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	118.134k	-60.10	-13.00	-47.10	-
1715MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.911M	-54.76	-13.00	-41.76	-
1715MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.01196G	-53.77	-13.00	-40.77	-
1715MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.68962G	-53.86	-13.00	-40.86	-
1715MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-44.00	-13.00	-31.00	MBW 1M
1715MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-33.51	-13.00	-20.51	-
1715MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75551G	-64.59	-13.00	-51.59	-
1715MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7725G	-54.78	-13.00	-41.78	MBW 1M
1715MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	4.99033G	-50.39	-13.00	-37.39	-
1715MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.85	-13.00	-31.85	-
1732.5MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	16.191k	-71.65	-13.00	-58.65	-
1732.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.822M	-56.00	-13.00	-43.00	-
1732.5MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03548G	-53.89	-13.00	-40.89	-
1732.5MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68962G	-52.77	-13.00	-39.77	-
1732.5MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-45.30	-13.00	-32.30	MBW 1M
1732.5MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70971G	-54.75	-13.00	-41.75	-
1732.5MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75531G	-55.32	-13.00	-42.32	-
1732.5MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7595G	-46.50	-13.00	-33.50	MBW 1M
1732.5MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	4.96453G	-51.30	-13.00	-38.30	-
1732.5MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-45.07	-13.00	-32.07	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	86.832k	-57.59	-13.00	-44.59	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	866.4k	-61.27	-13.00	-48.27	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.03842G	-53.58	-13.00	-40.58	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.65181G	-54.42	-13.00	-41.42	-
1732.5MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-54.87	-13.00	-41.87	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.7093G	-64.72	-13.00	-51.72	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-64.45	-13.00	-51.45	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7665G	-54.78	-13.00	-41.78	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.45523G	-49.73	-13.00	-36.73	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-45.12	-13.00	-32.12	-
1750MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	9k	-71.36	-13.00	-58.36	-
1750MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.732M	-63.07	-13.00	-50.07	-
1750MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.05606G	-53.81	-13.00	-40.81	-
1750MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68734G	-54.02	-13.00	-41.02	-
1750MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-52.64	-13.00	-39.64	MBW 1M
1750MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70983G	-62.35	-13.00	-49.35	-
1750MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-34.16	-13.00	-21.16	-
1750MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-26.91	-13.00	-13.91	MBW 1M
1750MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	1.775G	-45.00	-13.00	-32.00	-
1750MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-45.02	-13.00	-32.02	-
1750MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	78.513k	-56.68	-13.00	-43.68	-
1750MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-59.50	-13.00	-46.50	-
1750MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.01343G	-53.71	-13.00	-40.71	-
1750MHz_RB 1,#RB H	Pass	1.5G	1.69G	1M	3M	RMS	1.68981G	-54.09	-13.00	-41.09	-
1750MHz_RB 1,#RB H	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-54.46	-13.00	-41.46	MBW 1M
1750MHz_RB 1,#RB H	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-64.95	-13.00	-51.95	-
1750MHz_RB 1,#RB H	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-33.95	-13.00	-20.95	-
1750MHz_RB 1,#RB H	Pass	1.756G	1.775G	100k	300k	RMS	1.7585G	-41.87	-13.00	-28.87	MBW 1M
1750MHz_RB 1,#RB H	Pass	1.775G	5G	1M	3M	RMS	3.51005G	-50.56	-13.00	-37.56	-
1750MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.78	-13.00	-31.78	-
Band 4_LTE_10MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	19.434k	-70.16	-13.00	-57.16	-
1715MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-55.01	-13.00	-42.01	-
1715MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.00461G	-53.83	-13.00	-40.83	-
1715MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68981G	-44.95	-13.00	-31.95	-
1715MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-24.20	-13.00	-11.20	MBW 1M
1715MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-32.43	-13.00	-19.43	-
1715MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75575G	-63.22	-13.00	-50.22	-
1715MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-53.79	-13.00	-40.79	MBW 1M
1715MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	4.99033G	-51.08	-13.00	-38.08	-
1715MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.85	-13.00	-31.85	-
1715MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	55.671k	-58.22	-13.00	-45.22	-
1715MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.732M	-59.81	-13.00	-46.81	-
1715MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.06782G	-53.62	-13.00	-40.62	-
1715MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.68943G	-53.59	-13.00	-40.59	-
1715MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-44.38	-13.00	-31.38	MBW 1M
1715MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-33.39	-13.00	-20.39	-
1715MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75514G	-64.91	-13.00	-51.91	-
1715MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7685G	-54.81	-13.00	-41.81	MBW 1M



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1715MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	4.99033G	-50.44	-13.00	-37.44	-
1715MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.76	-13.00	-31.76	-
1732.5MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	92.754k	-67.72	-13.00	-54.72	-
1732.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.046M	-64.20	-13.00	-51.20	-
1732.5MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.0443G	-53.77	-13.00	-40.77	-
1732.5MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.69G	-52.73	-13.00	-39.73	-
1732.5MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-45.47	-13.00	-32.47	MBW 1M
1732.5MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70971G	-54.05	-13.00	-41.05	-
1732.5MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75532G	-55.06	-13.00	-42.06	-
1732.5MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-46.44	-13.00	-33.44	MBW 1M
1732.5MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	4.9484G	-51.15	-13.00	-38.15	-
1732.5MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.79	-13.00	-31.79	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	81.615k	-60.08	-13.00	-47.08	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.971M	-53.77	-13.00	-40.77	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.05165G	-53.92	-13.00	-40.92	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.62141G	-54.31	-13.00	-41.31	-
1732.5MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7015G	-54.82	-13.00	-41.82	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.70993G	-64.61	-13.00	-51.61	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.756G	-64.54	-13.00	-51.54	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7635G	-54.75	-13.00	-41.75	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.45523G	-50.34	-13.00	-37.34	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.77	-13.00	-31.77	-
1750MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	89.934k	-69.92	-13.00	-56.92	-
1750MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-64.48	-13.00	-51.48	-
1750MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.08105G	-53.54	-13.00	-40.54	-
1750MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68411G	-54.36	-13.00	-41.36	-
1750MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-53.56	-13.00	-40.56	MBW 1M
1750MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-62.88	-13.00	-49.88	-
1750MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-34.34	-13.00	-21.34	-
1750MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-26.60	-13.00	-13.60	MBW 1M
1750MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	1.775G	-47.75	-13.00	-34.75	-
1750MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.97	-13.00	-31.97	-
1750MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	58.068k	-57.09	-13.00	-44.09	-
1750MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.911M	-53.59	-13.00	-40.59	-
1750MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.02078G	-53.78	-13.00	-40.78	-
1750MHz_RB 1,#RB H	Pass	1.5G	1.69G	1M	3M	RMS	1.66967G	-54.23	-13.00	-41.23	-
1750MHz_RB 1,#RB H	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-54.67	-13.00	-41.67	MBW 1M
1750MHz_RB 1,#RB H	Pass	1.709G	1.71G	100k	300k	RMS	1.70915G	-65.01	-13.00	-52.01	-
1750MHz_RB 1,#RB H	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-33.46	-13.00	-20.46	-
1750MHz_RB 1,#RB H	Pass	1.756G	1.775G	100k	300k	RMS	1.7585G	-42.24	-13.00	-29.24	MBW 1M
1750MHz_RB 1,#RB H	Pass	1.775G	5G	1M	3M	RMS	4.90325G	-50.44	-13.00	-37.44	-
1750MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.81	-13.00	-31.81	-
Band 4_LTE_10MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1715MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	89.229k	-69.61	-13.00	-56.61	-
1715MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.046M	-64.29	-13.00	-51.29	-
1715MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.05018G	-53.88	-13.00	-40.88	-
1715MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68867G	-43.69	-13.00	-30.69	-
1715MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-24.40	-13.00	-11.40	MBW 1M
1715MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-32.49	-13.00	-19.49	-
1715MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.75575G	-63.12	-13.00	-50.12	-
1715MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-53.83	-13.00	-40.83	MBW 1M
1715MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	4.3421G	-51.20	-13.00	-38.20	-
1715MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.99	-13.00	-31.99	-
1715MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	13.089k	-59.61	-13.00	-46.61	-
1715MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.762M	-59.21	-13.00	-46.21	-
1715MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.05459G	-53.76	-13.00	-40.76	-
1715MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.68905G	-54.18	-13.00	-41.18	-
1715MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-45.00	-13.00	-32.00	MBW 1M
1715MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-34.66	-13.00	-21.66	-
1715MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75519G	-64.96	-13.00	-51.96	-
1715MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7725G	-54.81	-13.00	-41.81	MBW 1M
1715MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	4.9613G	-50.92	-13.00	-37.92	-
1715MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.92	-13.00	-31.92	-
1732.5MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	13.371k	-68.85	-13.00	-55.85	-
1732.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.702M	-61.35	-13.00	-48.35	-
1732.5MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.0002G	-53.69	-13.00	-40.69	-
1732.5MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.68981G	-53.16	-13.00	-40.16	-
1732.5MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-45.36	-13.00	-32.36	MBW 1M
1732.5MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.7098G	-54.12	-13.00	-41.12	-
1732.5MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.7553G	-54.94	-13.00	-41.94	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1732.5MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-46.41	-13.00	-33.41	MBW 1M
1732.5MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	4.1615G	-50.90	-13.00	-37.90	-
1732.5MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.50	-13.00	-31.50	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	89.37k	-60.49	-13.00	-47.49	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.971M	-55.51	-13.00	-42.51	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.02078G	-53.75	-13.00	-40.75	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.69G	1M	3M	RMS	1.68411G	-54.39	-13.00	-41.39	-
1732.5MHz_RB 1,#RB L	Pass	1.69G	1.709G	100k	300k	RMS	1.7065G	-54.82	-13.00	-41.82	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	100k	300k	RMS	1.71G	-64.57	-13.00	-51.57	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	100k	300k	RMS	1.75565G	-64.85	-13.00	-51.85	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.775G	100k	300k	RMS	1.7595G	-54.83	-13.00	-41.83	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.775G	5G	1M	3M	RMS	3.45523G	-50.34	-13.00	-37.34	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.77	-13.00	-31.77	-
1750MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	95.997k	-68.87	-13.00	-55.87	-
1750MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.792M	-55.93	-13.00	-42.93	-
1750MHz_RB 50,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.05018G	-53.89	-13.00	-40.89	-
1750MHz_RB 50,#RB 0	Pass	1.5G	1.69G	1M	3M	RMS	1.67898G	-54.11	-13.00	-41.11	-
1750MHz_RB 50,#RB 0	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-53.45	-13.00	-40.45	MBW 1M
1750MHz_RB 50,#RB 0	Pass	1.709G	1.71G	100k	300k	RMS	1.70994G	-62.82	-13.00	-49.82	-
1750MHz_RB 50,#RB 0	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-34.33	-13.00	-21.33	-
1750MHz_RB 50,#RB 0	Pass	1.756G	1.775G	100k	300k	RMS	1.7565G	-26.69	-13.00	-13.69	MBW 1M
1750MHz_RB 50,#RB 0	Pass	1.775G	5G	1M	3M	RMS	1.775G	-47.11	-13.00	-34.11	-
1750MHz_RB 50,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.18205G	-44.73	-13.00	-31.73	-
1750MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	90.498k	-58.10	-13.00	-45.10	-
1750MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.822M	-56.57	-13.00	-43.57	-
1750MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.05606G	-53.79	-13.00	-40.79	-
1750MHz_RB 1,#RB H	Pass	1.5G	1.69G	1M	3M	RMS	1.68962G	-54.32	-13.00	-41.32	-
1750MHz_RB 1,#RB H	Pass	1.69G	1.709G	100k	300k	RMS	1.7085G	-54.68	-13.00	-41.68	MBW 1M
1750MHz_RB 1,#RB H	Pass	1.709G	1.71G	100k	300k	RMS	1.7096G	-64.99	-13.00	-51.99	-
1750MHz_RB 1,#RB H	Pass	1.755G	1.756G	100k	300k	RMS	1.755G	-34.88	-13.00	-21.88	-
1750MHz_RB 1,#RB H	Pass	1.756G	1.775G	100k	300k	RMS	1.7585G	-42.57	-13.00	-29.57	MBW 1M
1750MHz_RB 1,#RB H	Pass	1.775G	5G	1M	3M	RMS	4.90325G	-50.74	-13.00	-37.74	-
1750MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.18205G	-44.71	-13.00	-31.71	-
Band 4_LTE_15MHz_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	9k	150k	1k	3k	RMS	10.269k	-71.54	-13.00	-58.54	-
1717.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	2.001M	-57.72	-13.00	-44.72	-
1717.5MHz_RB 75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.06488G	-53.72	-13.00	-40.72	-
1717.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.67874G	-46.75	-13.00	-33.75	-
1717.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-26.44	-13.00	-13.44	MBW 1M
1717.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-32.24	-13.00	-19.24	-
1717.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.756G	-54.51	-13.00	-41.51	-
1717.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7585G	-47.09	-13.00	-34.09	MBW 1M
1717.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.95499G	-51.11	-13.00	-38.11	-
1717.5MHz_RB 75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.74	-13.00	-31.74	-
1717.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	84.012k	-59.46	-13.00	-46.46	-
1717.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.822M	-54.20	-13.00	-41.20	-
1717.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.06782G	-53.75	-13.00	-40.75	-
1717.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.67892G	-54.46	-13.00	-41.46	-
1717.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-45.22	-13.00	-32.22	MBW 1M
1717.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-29.80	-13.00	-16.80	-
1717.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	500k	RMS	1.7552G	-61.93	-13.00	-48.93	-
1717.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	200k	500k	RMS	1.7645G	-54.33	-13.00	-41.33	MBW 1M
1717.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	4.99036G	-50.68	-13.00	-37.68	-
1717.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.90	-13.00	-31.90	-
1732.5MHz_RB 75,#RB 0	Pass	9k	150k	1k	3k	RMS	10.974k	-69.56	-13.00	-56.56	-
1732.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	1.822M	-56.43	-13.00	-43.43	-
1732.5MHz_RB 75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.04724G	-53.80	-13.00	-40.80	-
1732.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.6782G	-51.71	-13.00	-38.71	-
1732.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7055G	-40.49	-13.00	-27.49	MBW 1M
1732.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.70945G	-46.67	-13.00	-33.67	-
1732.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.75519G	-45.98	-13.00	-32.98	-
1732.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7565G	-40.32	-13.00	-27.32	MBW 1M
1732.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.2927G	-51.24	-13.00	-38.24	-
1732.5MHz_RB 75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.13185G	-45.09	-13.00	-32.09	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	101.355k	-59.61	-13.00	-46.61	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	985.8k	-58.63	-13.00	-45.63	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.05018G	-53.90	-13.00	-40.90	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.67982G	-54.42	-13.00	-41.42	-
1732.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	200k	500k	RMS	1.6995G	-52.59	-13.00	-39.59	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	500k	RMS	1.70971G	-61.42	-13.00	-48.42	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	500k	RMS	1.7554G	-61.75	-13.00	-48.75	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	200k	500k	RMS	1.7655G	-53.36	-13.00	-40.36	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.45037G	-50.52	-13.00	-37.52	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.89	-13.00	-31.89	-
1747.5MHz_RB 75,#RB 0	Pass	9k	150k	1k	3k	RMS	19.434k	-70.49	-13.00	-57.49	-
1747.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	1.762M	-56.61	-13.00	-43.61	-
1747.5MHz_RB 75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.05753G	-53.85	-13.00	-40.85	-
1747.5MHz_RB 75,#RB 0	Pass	1.75G	1.68G	1M	3M	RMS	1.67838G	-53.77	-13.00	-40.77	-
1747.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7075G	-45.74	-13.00	-32.74	MBW 1M
1747.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.70912G	-52.76	-13.00	-39.76	-
1747.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.755G	-35.40	-13.00	-22.40	-
1747.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7565G	-30.37	-13.00	-17.37	MBW 1M
1747.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	1.785G	-48.87	-13.00	-35.87	-
1747.5MHz_RB 75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.65	-13.00	-31.65	-
1747.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	74.988k	-56.11	-13.00	-43.11	-
1747.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.822M	-54.58	-13.00	-41.58	-
1747.5MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.02225G	-53.78	-13.00	-40.78	-
1747.5MHz_RB 1,#RB H	Pass	1.5G	1.68G	1M	3M	RMS	1.64022G	-54.38	-13.00	-41.38	-
1747.5MHz_RB 1,#RB H	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-54.37	-13.00	-41.37	MBW 1M
1747.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	500k	RMS	1.70936G	-61.98	-13.00	-48.98	-
1747.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	500k	RMS	1.755G	-30.20	-13.00	-17.20	-
1747.5MHz_RB 1,#RB H	Pass	1.756G	1.785G	200k	500k	RMS	1.7605G	-41.19	-13.00	-28.19	MBW 1M
1747.5MHz_RB 1,#RB H	Pass	1.785G	5G	1M	3M	RMS	3.50824G	-50.43	-13.00	-37.43	-
1747.5MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.71	-13.00	-31.71	-
Band 4_LTE_15MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1717.5MHz_RB 75,#RB 0	Pass	9k	150k	1k	3k	RMS	97.125k	-70.45	-13.00	-57.45	-
1717.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	926.1k	-56.14	-13.00	-43.14	-
1717.5MHz_RB 75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03107G	-53.75	-13.00	-40.75	-
1717.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.67964G	-46.74	-13.00	-33.74	-
1717.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-26.58	-13.00	-13.58	MBW 1M
1717.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-32.08	-13.00	-19.08	-
1717.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.75501G	-55.28	-13.00	-42.28	-
1717.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7565G	-48.76	-13.00	-35.76	MBW 1M
1717.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.31521G	-51.10	-13.00	-38.10	-
1717.5MHz_RB 75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.55	-13.00	-31.55	-
1717.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	13.23k	-59.19	-13.00	-46.19	-
1717.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.941M	-59.13	-13.00	-46.13	-
1717.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.06488G	-53.89	-13.00	-40.89	-
1717.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.67694G	-54.12	-13.00	-41.12	-
1717.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-44.05	-13.00	-31.05	MBW 1M
1717.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-30.15	-13.00	-17.15	-
1717.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	500k	RMS	1.756G	-62.03	-13.00	-49.03	-
1717.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	200k	500k	RMS	1.7645G	-53.92	-13.00	-40.92	MBW 1M
1717.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.42144G	-50.78	-13.00	-37.78	-
1717.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.80	-13.00	-31.80	-
1732.5MHz_RB 75,#RB 0	Pass	9k	150k	1k	3k	RMS	89.934k	-69.71	-13.00	-56.71	-
1732.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	6.09M	-60.81	-13.00	-47.81	-
1732.5MHz_RB 75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.06782G	-53.60	-13.00	-40.60	-
1732.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.68G	-53.26	-13.00	-40.26	-
1732.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-40.01	-13.00	-27.01	MBW 1M
1732.5MHz_RB 75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.70987G	-45.55	-13.00	-32.55	-
1732.5MHz_RB 75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.75529G	-45.80	-13.00	-32.80	-
1732.5MHz_RB 75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7565G	-40.33	-13.00	-27.33	MBW 1M
1732.5MHz_RB 75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.30556G	-51.16	-13.00	-38.16	-
1732.5MHz_RB 75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.69	-13.00	-31.69	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	61.452k	-58.44	-13.00	-45.44	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-58.88	-13.00	-45.88	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.06488G	-53.79	-13.00	-40.79	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.67874G	-54.34	-13.00	-41.34	-
1732.5MHz_RB 1,#RB L	Pass	1.68G	1.709G	200k	500k	RMS	1.6995G	-53.01	-13.00	-40.01	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-61.71	-13.00	-48.71	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	500k	RMS	1.75587G	-61.90	-13.00	-48.90	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.785G	200k	500k	RMS	1.7655G	-54.06	-13.00	-41.06	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.45037G	-50.62	-13.00	-37.62	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.70	-13.00	-31.70	-
1747.5MHz_RB 75,#RB 0	Pass	9k	150k	1k	3k	RMS	90.216k	-71.43	-13.00	-58.43	-
1747.5MHz_RB 75,#RB 0	Pass	150k	30M	10k	30k	RMS	1.792M	-54.38	-13.00	-41.38	-
1747.5MHz_RB 75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.02225G	-53.77	-13.00	-40.77	-
1747.5MHz_RB 75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.67658G	-54.42	-13.00	-41.42	-
1747.5MHz_RB 75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-47.27	-13.00	-34.27	MBW 1M



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1747.5MHz_RB_75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-53.70	-13.00	-40.70	-
1747.5MHz_RB_75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.755G	-34.76	-13.00	-21.76	-
1747.5MHz_RB_75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7565G	-29.46	-13.00	-16.46	MBW 1M
1747.5MHz_RB_75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	1.785G	-50.51	-13.00	-37.51	-
1747.5MHz_RB_75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.18205G	-44.73	-13.00	-31.73	-
1747.5MHz_RB_1,#RB H	Pass	9k	150k	1k	3k	RMS	59.337k	-57.77	-13.00	-44.77	-
1747.5MHz_RB_1,#RB H	Pass	150k	30M	10k	30k	RMS	1.881M	-57.89	-13.00	-44.89	-
1747.5MHz_RB_1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.02813G	-53.82	-13.00	-40.82	-
1747.5MHz_RB_1,#RB H	Pass	1.5G	1.68G	1M	3M	RMS	1.64004G	-54.35	-13.00	-41.35	-
1747.5MHz_RB_1,#RB H	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-54.55	-13.00	-41.55	MBW 1M
1747.5MHz_RB_1,#RB H	Pass	1.709G	1.71G	200k	500k	RMS	1.70901G	-62.07	-13.00	-49.07	-
1747.5MHz_RB_1,#RB H	Pass	1.755G	1.756G	200k	500k	RMS	1.755G	-30.50	-13.00	-17.50	-
1747.5MHz_RB_1,#RB H	Pass	1.756G	1.785G	200k	500k	RMS	1.7605G	-41.67	-13.00	-28.67	MBW 1M
1747.5MHz_RB_1,#RB H	Pass	1.785G	5G	1M	3M	RMS	3.50824G	-50.20	-13.00	-37.20	-
1747.5MHz_RB_1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.77	-13.00	-31.77	-
Band 4_LTE_15MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1717.5MHz_RB_75,#RB 0	Pass	9k	150k	1k	3k	RMS	94.869k	-68.57	-13.00	-55.57	-
1717.5MHz_RB_75,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-55.31	-13.00	-42.31	-
1717.5MHz_RB_75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.01343G	-53.64	-13.00	-40.64	-
1717.5MHz_RB_75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.68G	-47.82	-13.00	-34.82	-
1717.5MHz_RB_75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-26.44	-13.00	-13.44	MBW 1M
1717.5MHz_RB_75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-32.03	-13.00	-19.03	-
1717.5MHz_RB_75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.75502G	-55.25	-13.00	-42.25	-
1717.5MHz_RB_75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7575G	-48.70	-13.00	-35.70	MBW 1M
1717.5MHz_RB_75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.29592G	-51.19	-13.00	-38.19	-
1717.5MHz_RB_75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.67	-13.00	-31.67	-
1717.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	44.955k	-60.50	-13.00	-47.50	-
1717.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	1.851M	-53.39	-13.00	-40.39	-
1717.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.00902G	-53.66	-13.00	-40.66	-
1717.5MHz_RB_1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.67838G	-54.37	-13.00	-41.37	-
1717.5MHz_RB_1,#RB L	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-45.79	-13.00	-32.79	MBW 1M
1717.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-31.75	-13.00	-18.75	-
1717.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	200k	500k	RMS	1.7552G	-62.09	-13.00	-49.09	-
1717.5MHz_RB_1,#RB L	Pass	1.756G	1.785G	200k	500k	RMS	1.7645G	-54.71	-13.00	-41.71	MBW 1M
1717.5MHz_RB_1,#RB L	Pass	1.785G	5G	1M	3M	RMS	4.99036G	-50.95	-13.00	-37.95	-
1717.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.85	-13.00	-31.85	-
1732.5MHz_RB_75,#RB 0	Pass	9k	150k	1k	3k	RMS	96.42k	-69.90	-13.00	-56.90	-
1732.5MHz_RB_75,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-55.73	-13.00	-42.73	-
1732.5MHz_RB_75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.01784G	-53.75	-13.00	-40.75	-
1732.5MHz_RB_75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.67964G	-52.42	-13.00	-39.42	-
1732.5MHz_RB_75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-40.13	-13.00	-27.13	MBW 1M
1732.5MHz_RB_75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.70956G	-45.96	-13.00	-32.96	-
1732.5MHz_RB_75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.75509G	-45.81	-13.00	-32.81	-
1732.5MHz_RB_75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7565G	-40.24	-13.00	-27.24	MBW 1M
1732.5MHz_RB_75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	4.95499G	-51.14	-13.00	-38.14	-
1732.5MHz_RB_75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.60	-13.00	-31.60	-
1732.5MHz_RB_1,#RB L	Pass	9k	150k	1k	3k	RMS	16.755k	-59.51	-13.00	-46.51	-
1732.5MHz_RB_1,#RB L	Pass	150k	30M	10k	30k	RMS	1.792M	-53.96	-13.00	-40.96	-
1732.5MHz_RB_1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.00902G	-53.70	-13.00	-40.70	-
1732.5MHz_RB_1,#RB L	Pass	1.5G	1.68G	1M	3M	RMS	1.67244G	-54.48	-13.00	-41.48	-
1732.5MHz_RB_1,#RB L	Pass	1.68G	1.709G	200k	500k	RMS	1.7055G	-53.35	-13.00	-40.35	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.709G	1.71G	200k	500k	RMS	1.70974G	-61.70	-13.00	-48.70	-
1732.5MHz_RB_1,#RB L	Pass	1.755G	1.756G	200k	500k	RMS	1.75521G	-61.72	-13.00	-48.72	-
1732.5MHz_RB_1,#RB L	Pass	1.756G	1.785G	200k	500k	RMS	1.7655G	-53.84	-13.00	-40.84	MBW 1M
1732.5MHz_RB_1,#RB L	Pass	1.785G	5G	1M	3M	RMS	3.45037G	-50.15	-13.00	-37.15	-
1732.5MHz_RB_1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.41	-13.00	-31.41	-
1747.5MHz_RB_75,#RB 0	Pass	9k	150k	1k	3k	RMS	94.446k	-65.33	-13.00	-52.33	-
1747.5MHz_RB_75,#RB 0	Pass	150k	30M	10k	30k	RMS	1.822M	-55.12	-13.00	-42.12	-
1747.5MHz_RB_75,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03695G	-53.75	-13.00	-40.75	-
1747.5MHz_RB_75,#RB 0	Pass	1.5G	1.68G	1M	3M	RMS	1.67694G	-54.24	-13.00	-41.24	-
1747.5MHz_RB_75,#RB 0	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-47.47	-13.00	-34.47	MBW 1M
1747.5MHz_RB_75,#RB 0	Pass	1.709G	1.71G	200k	500k	RMS	1.71G	-53.78	-13.00	-40.78	-
1747.5MHz_RB_75,#RB 0	Pass	1.755G	1.756G	200k	500k	RMS	1.755G	-34.92	-13.00	-21.92	-
1747.5MHz_RB_75,#RB 0	Pass	1.756G	1.785G	200k	500k	RMS	1.7575G	-29.42	-13.00	-16.42	MBW 1M
1747.5MHz_RB_75,#RB 0	Pass	1.785G	5G	1M	3M	RMS	1.785G	-50.41	-13.00	-37.41	-
1747.5MHz_RB_75,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.30	-13.00	-31.30	-
1747.5MHz_RB_1,#RB H	Pass	9k	150k	1k	3k	RMS	17.178k	-58.32	-13.00	-45.32	-
1747.5MHz_RB_1,#RB H	Pass	150k	30M	10k	30k	RMS	1.881M	-55.38	-13.00	-42.38	-
1747.5MHz_RB_1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.02372G	-53.77	-13.00	-40.77	-
1747.5MHz_RB_1,#RB H	Pass	1.5G	1.68G	1M	3M	RMS	1.6305G	-54.51	-13.00	-41.51	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1747.5MHz_RB 1,#RB H	Pass	1.68G	1.709G	200k	500k	RMS	1.7085G	-54.75	-13.00	-41.75	MBW 1M
1747.5MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	500k	RMS	1.70999G	-62.09	-13.00	-49.09	-
1747.5MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	500k	RMS	1.755G	-30.06	-13.00	-17.06	-
1747.5MHz_RB 1,#RB H	Pass	1.756G	1.785G	200k	500k	RMS	1.7605G	-42.22	-13.00	-29.22	MBW 1M
1747.5MHz_RB 1,#RB H	Pass	1.785G	5G	1M	3M	RMS	3.50824G	-50.32	-13.00	-37.32	-
1747.5MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-45.05	-13.00	-32.05	-
Band 4_LTE_20MHz_QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	78.231k	-71.22	-13.00	-58.22	-
1720MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	1.881M	-53.33	-13.00	-40.33	-
1720MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03695G	-53.60	-13.00	-40.60	-
1720MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.66626G	-54.43	-13.00	-41.43	-
1720MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-27.51	-13.00	-14.51	MBW 1M
1720MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-33.70	-13.00	-20.70	-
1720MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.75585G	-49.50	-13.00	-36.50	-
1720MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7565G	-43.15	-13.00	-30.15	MBW 1M
1720MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.96475G	-51.13	-13.00	-38.13	-
1720MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.81	-13.00	-31.81	-
1720MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	88.101k	-59.72	-13.00	-46.72	-
1720MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.77	-13.00	-48.77	-
1720MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.03254G	-53.87	-13.00	-40.87	-
1720MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.64348G	-54.54	-13.00	-41.54	-
1720MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-44.25	-13.00	-31.25	MBW 1M
1720MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-33.51	-13.00	-20.51	-
1720MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	1M	RMS	1.75564G	-60.31	-13.00	-47.31	-
1720MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	1M	RMS	1.7885G	-52.86	-13.00	-39.86	MBW 1M
1720MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	4.99039G	-50.71	-13.00	-37.71	-
1720MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.95	-13.00	-31.95	-
1732.5MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	16.614k	-70.40	-13.00	-57.40	-
1732.5MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	1.822M	-53.95	-13.00	-40.95	-
1732.5MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03107G	-53.65	-13.00	-40.65	-
1732.5MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.65929G	-54.33	-13.00	-41.33	-
1732.5MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-33.67	-13.00	-20.67	MBW 1M
1732.5MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.70992G	-40.07	-13.00	-27.07	-
1732.5MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.75582G	-40.79	-13.00	-27.79	-
1732.5MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7575G	-33.23	-13.00	-20.23	MBW 1M
1732.5MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.29811G	-51.23	-13.00	-38.23	-
1732.5MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.95	-13.00	-31.95	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	75.129k	-57.52	-13.00	-44.52	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	2.031M	-56.95	-13.00	-43.95	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.0296G	-53.72	-13.00	-40.72	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.63804G	-54.41	-13.00	-41.41	-
1732.5MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	1M	RMS	1.7055G	-49.83	-13.00	-36.83	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	1M	RMS	1.70901G	-61.43	-13.00	-48.43	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	1M	RMS	1.75577G	-61.81	-13.00	-48.81	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	1M	RMS	1.7595G	-31.17	-13.00	-18.17	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	4.96475G	-50.47	-13.00	-37.47	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.95	-13.00	-31.95	-
1745MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	78.231k	-70.31	-13.00	-57.31	-
1745MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	1.851M	-55.21	-13.00	-42.21	-
1745MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.00461G	-53.72	-13.00	-40.72	-
1745MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.65368G	-54.54	-13.00	-41.54	-
1745MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-41.12	-13.00	-28.12	MBW 1M
1745MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.7093G	-47.20	-13.00	-34.20	-
1745MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.755G	-37.95	-13.00	-24.95	-
1745MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7585G	-31.68	-13.00	-18.68	MBW 1M
1745MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.14427G	-51.26	-13.00	-38.26	-
1745MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.42	-13.00	-31.42	-
1745MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	47.211k	-58.24	-13.00	-45.24	-
1745MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.941M	-60.79	-13.00	-47.79	-
1745MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.06488G	-53.60	-13.00	-40.60	-
1745MHz_RB 1,#RB H	Pass	1.5G	1.67G	1M	3M	RMS	1.65776G	-54.42	-13.00	-41.42	-
1745MHz_RB 1,#RB H	Pass	1.67G	1.709G	200k	1M	RMS	1.6865G	-53.16	-13.00	-40.16	MBW 1M
1745MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	1M	RMS	1.70935G	-56.11	-13.00	-43.11	-
1745MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	1M	RMS	1.755G	-33.03	-13.00	-20.03	-
1745MHz_RB 1,#RB H	Pass	1.756G	1.795G	200k	1M	RMS	1.7625G	-41.82	-13.00	-28.82	MBW 1M
1745MHz_RB 1,#RB H	Pass	1.795G	5G	1M	3M	RMS	4.90385G	-50.49	-13.00	-37.49	-
1745MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.75	-13.00	-31.75	-
Band 4_LTE_20MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	77.949k	-72.26	-13.00	-59.26	-
1720MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	1.911M	-61.07	-13.00	-48.07	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1720MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.00608G	-53.92	-13.00	-40.92	-
1720MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.6564G	-54.52	-13.00	-41.52	-
1720MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7065G	-28.19	-13.00	-15.19	MBW 1M
1720MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-33.99	-13.00	-20.99	-
1720MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.75576G	-50.22	-13.00	-37.22	-
1720MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7565G	-43.85	-13.00	-30.85	MBW 1M
1720MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.98077G	-51.17	-13.00	-38.17	-
1720MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.66	-13.00	-31.66	-
1720MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	73.014k	-59.93	-13.00	-46.93	-
1720MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.911M	-57.94	-13.00	-44.94	-
1720MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.04283G	-53.88	-13.00	-40.88	-
1720MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.66915G	-54.47	-13.00	-41.47	-
1720MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	1M	RMS	1.7025G	-45.10	-13.00	-32.10	MBW 1M
1720MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-33.47	-13.00	-20.47	-
1720MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	1M	RMS	1.75565G	-60.45	-13.00	-47.45	-
1720MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	1M	RMS	1.7885G	-52.87	-13.00	-39.87	MBW 1M
1720MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	3.42314G	-50.81	-13.00	-37.81	-
1720MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.72	-13.00	-31.72	-
1732.5MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	91.344k	-72.54	-13.00	-59.54	-
1732.5MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	9.583M	-61.51	-13.00	-48.51	-
1732.5MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.15602G	-53.81	-13.00	-40.81	-
1732.5MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.64331G	-54.51	-13.00	-41.51	-
1732.5MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-34.91	-13.00	-21.91	MBW 1M
1732.5MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-40.77	-13.00	-27.77	-
1732.5MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.75501G	-41.83	-13.00	-28.83	-
1732.5MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7565G	-35.64	-13.00	-22.64	MBW 1M
1732.5MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.14427G	-51.06	-13.00	-38.06	-
1732.5MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.87	-13.00	-31.87	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	55.671k	-57.99	-13.00	-44.99	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.851M	-52.70	-13.00	-39.70	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.0149G	-53.82	-13.00	-40.82	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.6581G	-54.53	-13.00	-41.53	-
1732.5MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	1M	RMS	1.7055G	-49.53	-13.00	-36.53	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	1M	RMS	1.70988G	-61.36	-13.00	-48.36	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	1M	RMS	1.75552G	-61.73	-13.00	-48.73	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	1M	RMS	1.7595G	-33.79	-13.00	-20.79	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	3.44878G	-50.88	-13.00	-37.88	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.68	-13.00	-31.68	-
1745MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	95.856k	-70.07	-13.00	-57.07	-
1745MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	1.822M	-56.82	-13.00	-43.82	-
1745MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.01196G	-53.96	-13.00	-40.96	-
1745MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.66881G	-54.42	-13.00	-41.42	-
1745MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-42.11	-13.00	-29.11	MBW 1M
1745MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.70918G	-47.83	-13.00	-34.83	-
1745MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.755G	-36.98	-13.00	-23.98	-
1745MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7565G	-30.76	-13.00	-17.76	MBW 1M
1745MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.34618G	-51.19	-13.00	-38.19	-
1745MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1444G	-44.66	-13.00	-31.66	-
1745MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	74.142k	-57.67	-13.00	-44.67	-
1745MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.851M	-56.93	-13.00	-43.93	-
1745MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.04577G	-53.80	-13.00	-40.80	-
1745MHz_RB 1,#RB H	Pass	1.5G	1.67G	1M	3M	RMS	1.6343G	-54.31	-13.00	-41.31	-
1745MHz_RB 1,#RB H	Pass	1.67G	1.709G	200k	1M	RMS	1.6865G	-53.11	-13.00	-40.11	MBW 1M
1745MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	1M	RMS	1.70938G	-57.05	-13.00	-44.05	-
1745MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	1M	RMS	1.755G	-33.66	-13.00	-20.66	-
1745MHz_RB 1,#RB H	Pass	1.756G	1.795G	200k	1M	RMS	1.7625G	-41.99	-13.00	-28.99	MBW 1M
1745MHz_RB 1,#RB H	Pass	1.795G	5G	1M	3M	RMS	4.90385G	-51.16	-13.00	-38.16	-
1745MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.78	-13.00	-31.78	-
Band 4_LTE_20MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
1720MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	88.101k	-72.57	-13.00	-59.57	-
1720MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	1.792M	-53.46	-13.00	-40.46	-
1720MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.06341G	-53.87	-13.00	-40.87	-
1720MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.66745G	-54.40	-13.00	-41.40	-
1720MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-28.02	-13.00	-15.02	MBW 1M
1720MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-34.08	-13.00	-21.08	-
1720MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.75576G	-50.31	-13.00	-37.31	-
1720MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7565G	-44.43	-13.00	-31.43	MBW 1M
1720MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.98077G	-50.93	-13.00	-37.93	-
1720MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.76	-13.00	-31.76	-
1720MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	102.342k	-59.23	-13.00	-46.23	-



CSE-TX-Sum-UE (Mode 5: LTE Band 4)

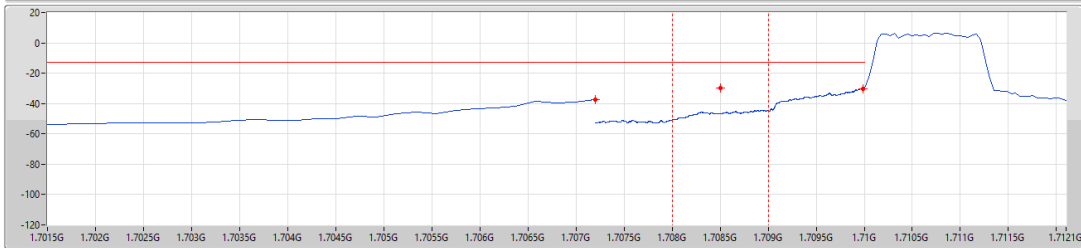
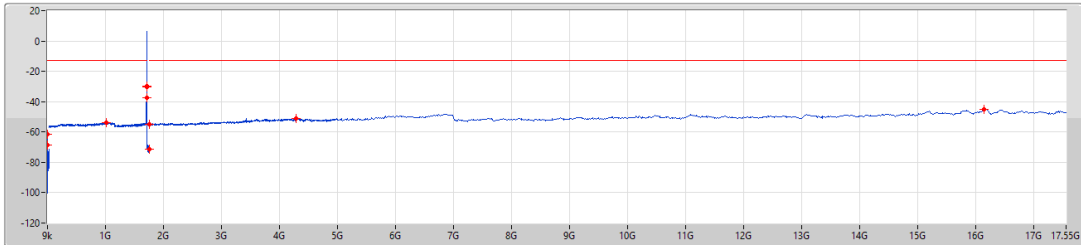
Appendix D.5

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
1720MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.851M	-53.85	-13.00	-40.85	-
1720MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	989.91M	-53.84	-13.00	-40.84	-
1720MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.66184G	-54.39	-13.00	-41.39	-
1720MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-44.73	-13.00	-31.73	MBW 1M
1720MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-33.73	-13.00	-20.73	-
1720MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	1M	RMS	1.75565G	-60.76	-13.00	-47.76	-
1720MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	1M	RMS	1.7885G	-52.87	-13.00	-39.87	MBW 1M
1720MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	4.99039G	-50.93	-13.00	-37.93	-
1720MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.77	-13.00	-31.77	-
1732.5MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	9.705k	-69.16	-13.00	-56.16	-
1732.5MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	955.95k	-55.33	-13.00	-42.33	-
1732.5MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03254G	-53.67	-13.00	-40.67	-
1732.5MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.65708G	-54.52	-13.00	-41.52	-
1732.5MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-35.16	-13.00	-22.16	MBW 1M
1732.5MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.71G	-40.55	-13.00	-27.55	-
1732.5MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.75503G	-41.75	-13.00	-28.75	-
1732.5MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7565G	-35.49	-13.00	-22.49	MBW 1M
1732.5MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.33977G	-51.10	-13.00	-38.10	-
1732.5MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.53	-13.00	-31.53	-
1732.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	89.934k	-59.58	-13.00	-46.58	-
1732.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	926.1k	-55.16	-13.00	-42.16	-
1732.5MHz_RB 1,#RB L	Pass	30M	1.5G	1M	3M	RMS	1.03254G	-53.62	-13.00	-40.62	-
1732.5MHz_RB 1,#RB L	Pass	1.5G	1.67G	1M	3M	RMS	1.66082G	-54.57	-13.00	-41.57	-
1732.5MHz_RB 1,#RB L	Pass	1.67G	1.709G	200k	1M	RMS	1.7055G	-49.90	-13.00	-36.90	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.709G	1.71G	200k	1M	RMS	1.70945G	-61.53	-13.00	-48.53	-
1732.5MHz_RB 1,#RB L	Pass	1.755G	1.756G	200k	1M	RMS	1.756G	-61.86	-13.00	-48.86	-
1732.5MHz_RB 1,#RB L	Pass	1.756G	1.795G	200k	1M	RMS	1.7595G	-34.78	-13.00	-21.78	MBW 1M
1732.5MHz_RB 1,#RB L	Pass	1.795G	5G	1M	3M	RMS	4.96475G	-50.96	-13.00	-37.96	-
1732.5MHz_RB 1,#RB L	Pass	5G	17.55G	1M	3M	RMS	16.1695G	-44.73	-13.00	-31.73	-
1745MHz_RB 100,#RB 0	Pass	9k	150k	1k	3k	RMS	18.024k	-71.94	-13.00	-58.94	-
1745MHz_RB 100,#RB 0	Pass	150k	30M	10k	30k	RMS	926.1k	-56.74	-13.00	-43.74	-
1745MHz_RB 100,#RB 0	Pass	30M	1.5G	1M	3M	RMS	1.03107G	-53.59	-13.00	-40.59	-
1745MHz_RB 100,#RB 0	Pass	1.5G	1.67G	1M	3M	RMS	1.66762G	-54.42	-13.00	-41.42	-
1745MHz_RB 100,#RB 0	Pass	1.67G	1.709G	200k	1M	RMS	1.7085G	-41.44	-13.00	-28.44	MBW 1M
1745MHz_RB 100,#RB 0	Pass	1.709G	1.71G	200k	1M	RMS	1.70912G	-47.88	-13.00	-34.88	-
1745MHz_RB 100,#RB 0	Pass	1.755G	1.756G	200k	1M	RMS	1.755G	-36.78	-13.00	-23.78	-
1745MHz_RB 100,#RB 0	Pass	1.756G	1.795G	200k	1M	RMS	1.7585G	-30.79	-13.00	-17.79	MBW 1M
1745MHz_RB 100,#RB 0	Pass	1.795G	5G	1M	3M	RMS	4.18273G	-51.16	-13.00	-38.16	-
1745MHz_RB 100,#RB 0	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.79	-13.00	-31.79	-
1745MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	12.948k	-58.33	-13.00	-45.33	-
1745MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.851M	-53.75	-13.00	-40.75	-
1745MHz_RB 1,#RB H	Pass	30M	1.5G	1M	3M	RMS	1.05165G	-53.77	-13.00	-40.77	-
1745MHz_RB 1,#RB H	Pass	1.5G	1.67G	1M	3M	RMS	1.65929G	-54.38	-13.00	-41.38	-
1745MHz_RB 1,#RB H	Pass	1.67G	1.709G	200k	1M	RMS	1.6865G	-52.94	-13.00	-39.94	MBW 1M
1745MHz_RB 1,#RB H	Pass	1.709G	1.71G	200k	1M	RMS	1.70936G	-57.25	-13.00	-44.25	-
1745MHz_RB 1,#RB H	Pass	1.755G	1.756G	200k	1M	RMS	1.755G	-33.99	-13.00	-20.99	-
1745MHz_RB 1,#RB H	Pass	1.756G	1.795G	200k	1M	RMS	1.7625G	-43.59	-13.00	-30.59	MBW 1M
1745MHz_RB 1,#RB H	Pass	1.795G	5G	1M	3M	RMS	4.90385G	-50.67	-13.00	-37.67	-
1745MHz_RB 1,#RB H	Pass	5G	17.55G	1M	3M	RMS	16.15695G	-44.92	-13.00	-31.92	-

Band 4 LTE 1.4MHz 1TX
1710.7MHz QPSK RB 6,#RB 0

CSE-TX-Sum

26/04/2023

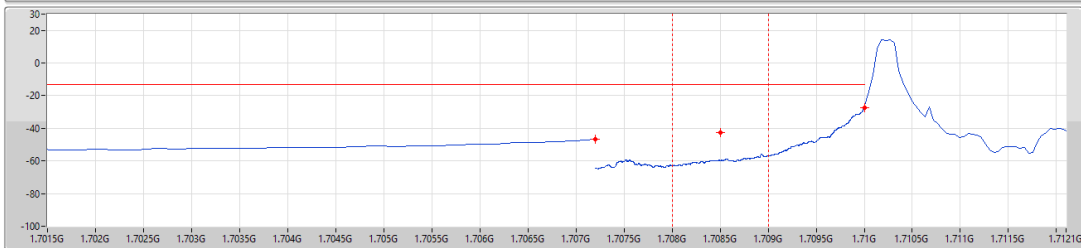
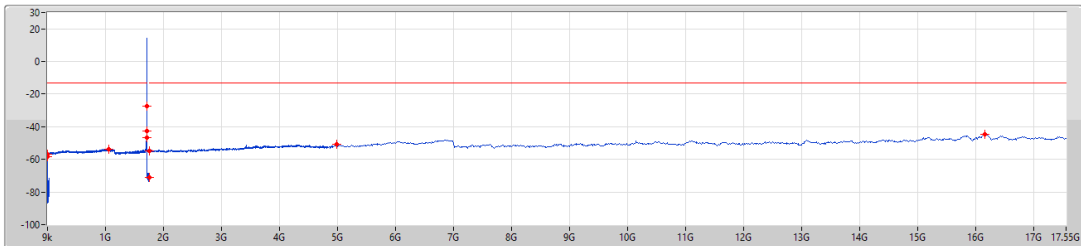


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.512k	-68.43	-13.00	-55.43	-	-
150k	30M	10k	30k	RMS	170.85k	-61.50	-13.00	-48.50	-	-
30M	1.5G	1M	3M	RMS	1.01343G	-53.80	-13.00	-40.80	-	-
1.5G	1.7072G	1M	3M	RMS	1.7072G	-37.54	-13.00	-24.54	-	-
1.7072G	1.709G	20k	50k	RMS	1.7085G	-29.67	-13.00	-16.67	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70999G	-30.06	-13.00	-17.06	-	-
1.755G	1.756G	20k	50k	RMS	1.75548G	-71.07	-13.00	-58.07	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.96	-13.00	-41.96	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.27699G	-51.09	-13.00	-38.09	-	-
5G	17.55G	1M	3M	RMS	16.13185G	-44.81	-13.00	-31.81	-	-

Band 4 LTE 1.4MHz 1TX
1710.7MHz QPSK RB 1,#RB L

CSE-TX-Sum

26/04/2023

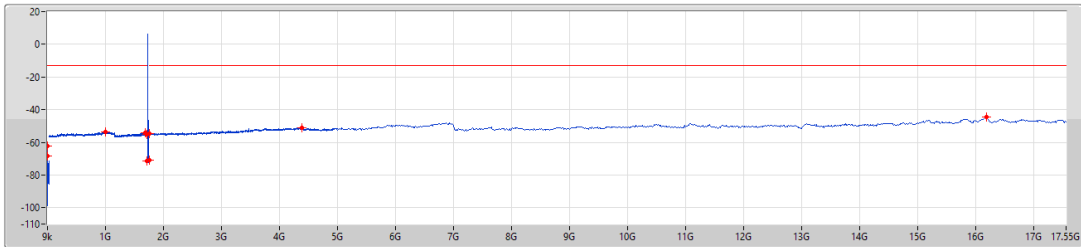


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	74.565k	-58.20	-13.00	-45.20	-	-
150k	30M	10k	30k	RMS	1.8221M	-56.90	-13.00	-43.90	-	-
30M	1.5G	1M	3M	RMS	1.06341G	-53.74	-13.00	-40.74	-	-
1.5G	1.7072G	1M	3M	RMS	1.7072G	-46.84	-13.00	-33.84	-	-
1.7072G	1.709G	20k	50k	RMS	1.7085G	-42.86	-13.00	-29.86	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.71G	-27.54	-13.00	-14.54	-	-
1.755G	1.756G	20k	50k	RMS	1.75525G	-71.06	-13.00	-58.06	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.89	-13.00	-41.89	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.99027G	-50.81	-13.00	-37.81	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.76	-13.00	-31.76	-	-

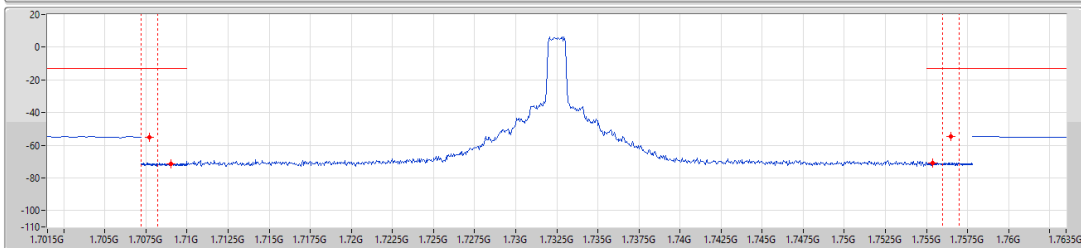
Band 4_LTE_1.4MHz_1TX
1732.5MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

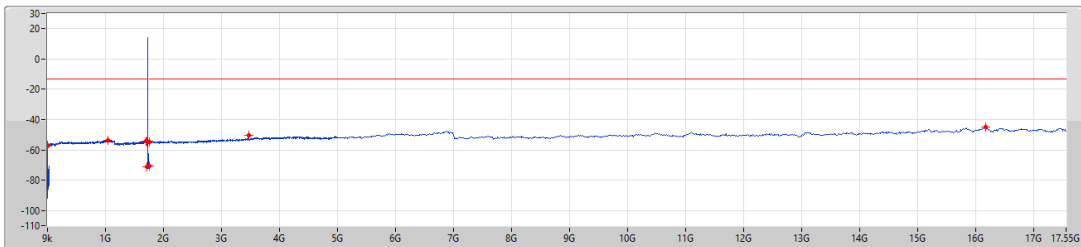


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	41.994k	-68.55	-13.00	-55.55	-	-
150k	30M	10k	30k	RMS	538.05k	-62.40	-13.00	-49.40	-	-
30M	1.5G	1M	3M	RMS	1.00608G	-53.77	-13.00	-40.77	-	-
1.5G	1.7072G	1M	3M	RMS	1.67819G	-54.32	-13.00	-41.32	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.00	-13.00	-42.00	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.709G	-71.21	-13.00	-58.21	-	-
1.755G	1.756G	20k	50k	RMS	1.75537G	-70.75	-13.00	-57.75	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.77	-13.00	-41.77	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.3775G	-51.33	-13.00	-38.33	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.68	-13.00	-31.68	-	-

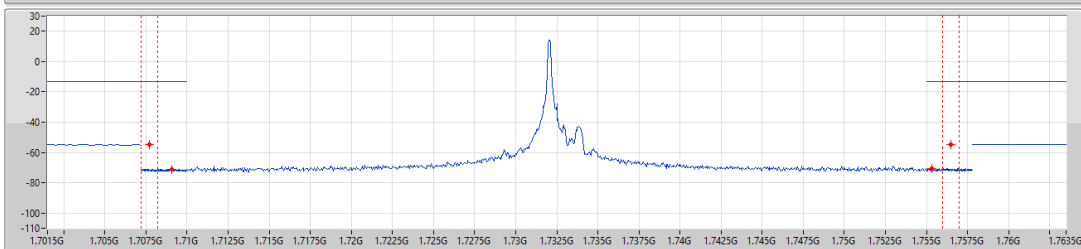
Band 4_LTE_1.4MHz_1TX
1732.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023



Limit
Port 1

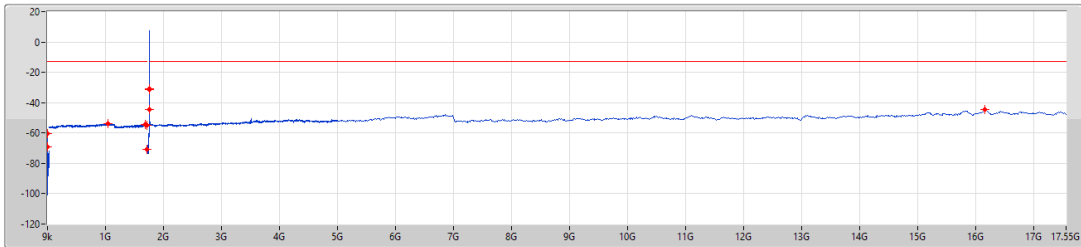


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	106.854k	-57.31	-13.00	-44.31	-	-
150k	30M	10k	30k	RMS	926.1k	-56.74	-13.00	-43.74	-	-
30M	1.5G	1M	3M	RMS	1.0443G	-53.68	-13.00	-40.68	-	-
1.5G	1.7072G	1M	3M	RMS	1.69518G	-54.40	-13.00	-41.40	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.03	-13.00	-42.03	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70905G	-70.96	-13.00	-57.96	-	-
1.755G	1.756G	20k	50k	RMS	1.75534G	-70.83	-13.00	-57.83	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.81	-13.00	-41.81	MBW 1M	-
1.7578G	5G	1M	3M	RMS	3.4633G	-50.36	-13.00	-37.36	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.69	-13.00	-31.69	-	-

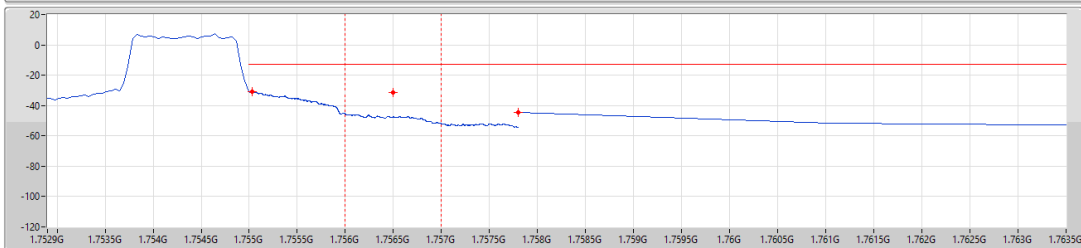
Band 4_LTE_1.4MHz_1TX
1754.3MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum

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Limit
 Port 1

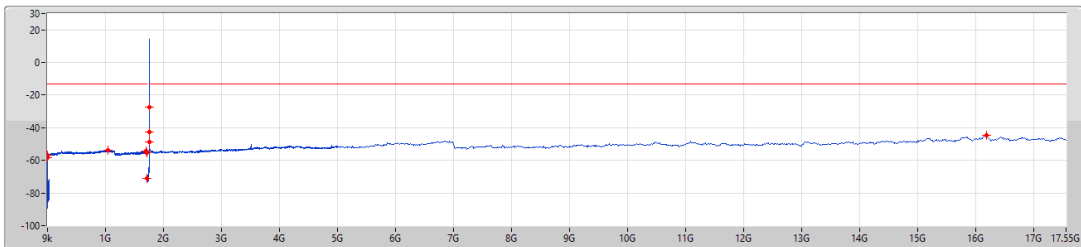


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	97.548k	-68.94	-13.00	-55.94	-	-
150k	30M	10k	30k	RMS	597.75k	-60.66	-13.00	-47.66	-	-
30M	1.5G	1M	3M	RMS	1.04871G	-53.77	-13.00	-40.77	-	-
1.5G	1.7072G	1M	3M	RMS	1.68938G	-54.23	-13.00	-41.23	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.06	-13.00	-42.06	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.7096G	-70.81	-13.00	-57.81	-	-
1.755G	1.756G	20k	50k	RMS	1.75503G	-30.67	-13.00	-17.67	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-31.15	-13.00	-18.15	MBW 1M	-
1.7578G	5G	1M	3M	RMS	1.7578G	-44.27	-13.00	-31.27	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.69	-13.00	-31.69	-	-

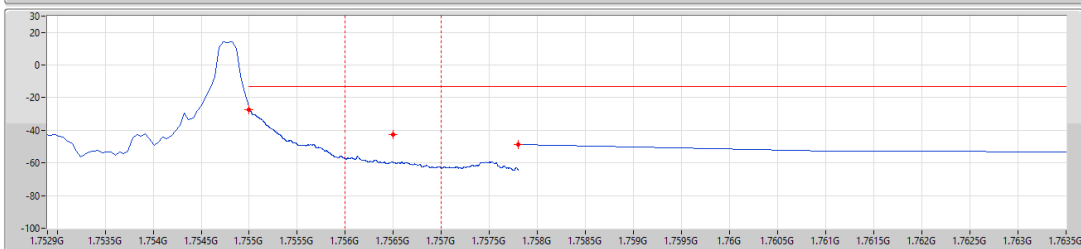
Band 4_LTE_1.4MHz_1TX
1754.3MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

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Limit
 Port 1

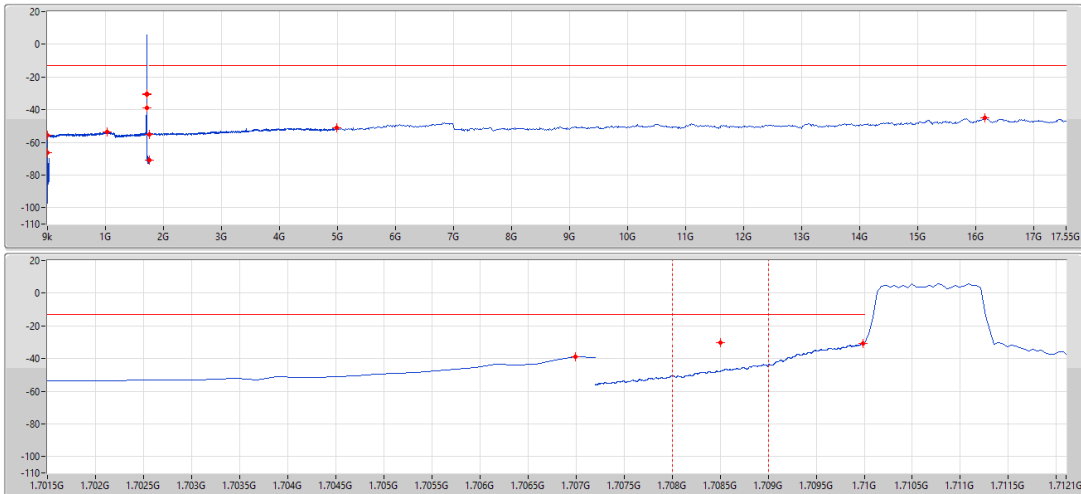


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	103.752k	-56.69	-13.00	-43.69	-	-
150k	30M	10k	30k	RMS	985.8k	-58.32	-13.00	-45.32	-	-
30M	1.5G	1M	3M	RMS	1.04283G	-53.71	-13.00	-40.71	-	-
1.5G	1.7072G	1M	3M	RMS	1.70554G	-54.29	-13.00	-41.29	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.14	-13.00	-42.14	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70976G	-71.08	-13.00	-58.08	-	-
1.755G	1.756G	20k	50k	RMS	1.755G	-27.21	-13.00	-14.21	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-43.86	-13.00	-30.86	MBW 1M	-
1.7578G	5G	1M	3M	RMS	1.7578G	-48.68	-13.00	-35.68	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.59	-13.00	-31.59	-	-

Band 4_LTE_1.4MHz_1TX
1710.7MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

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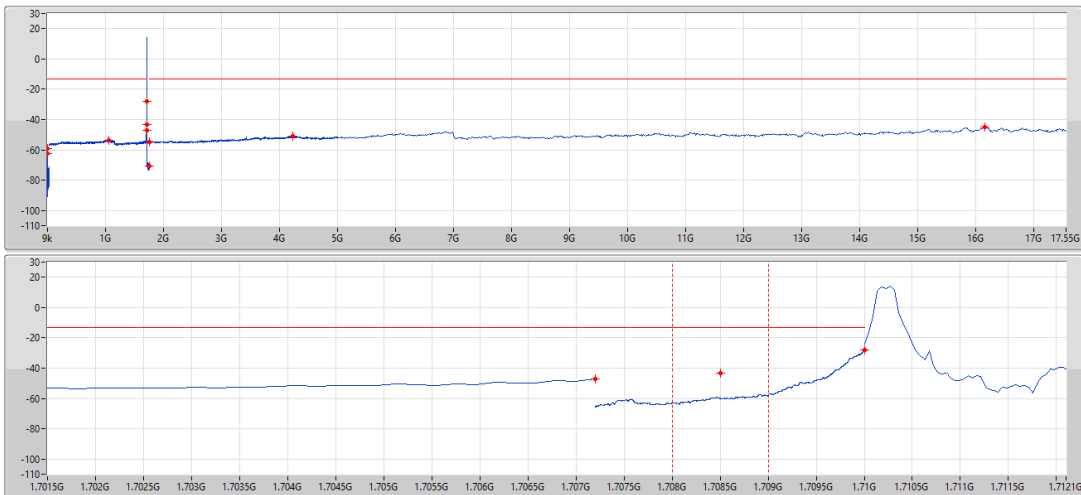


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	26.907k	-66.56	-13.00	-53.56	-	-
150k	30M	10k	30k	RMS	1.881M	-55.75	-13.00	-42.75	-	-
30M	1.5G	1M	3M	RMS	1.03107G	-53.79	-13.00	-40.79	-	-
1.5G	1.7072G	1M	3M	RMS	1.70699G	-39.06	-13.00	-26.06	-	-
1.7072G	1.709G	20k	50k	RMS	1.7085G	-30.36	-13.00	-17.36	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70999G	-30.96	-13.00	-17.96	-	-
1.755G	1.756G	20k	50k	RMS	1.75566G	-70.92	-13.00	-57.92	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.95	-13.00	-41.95	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.99027G	-50.86	-13.00	-37.86	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.90	-13.00	-31.90	-	-

Band 4_LTE_1.4MHz_1TX
1710.7MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

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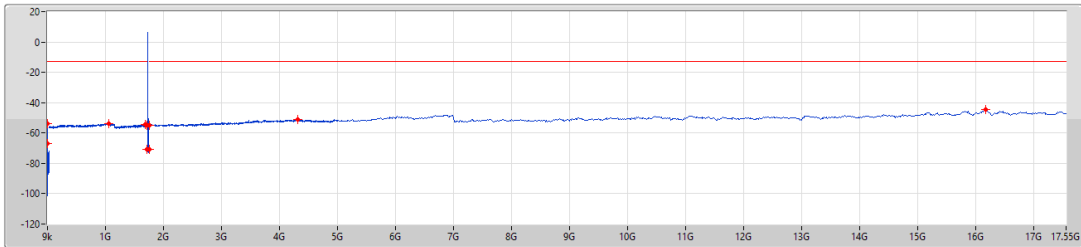


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.935k	-59.33	-13.00	-46.33	-	-
150k	30M	10k	30k	RMS	866.4k	-62.39	-13.00	-49.39	-	-
30M	1.5G	1M	3M	RMS	1.06194G	-53.75	-13.00	-40.75	-	-
1.5G	1.7072G	1M	3M	RMS	1.7072G	-46.90	-13.00	-33.90	-	-
1.7072G	1.709G	20k	50k	RMS	1.7085G	-43.31	-13.00	-30.31	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.71G	-27.79	-13.00	-14.79	-	-
1.755G	1.756G	20k	50k	RMS	1.75523G	-70.85	-13.00	-57.85	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.92	-13.00	-41.92	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.22511G	-51.11	-13.00	-38.11	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.98	-13.00	-31.98	-	-

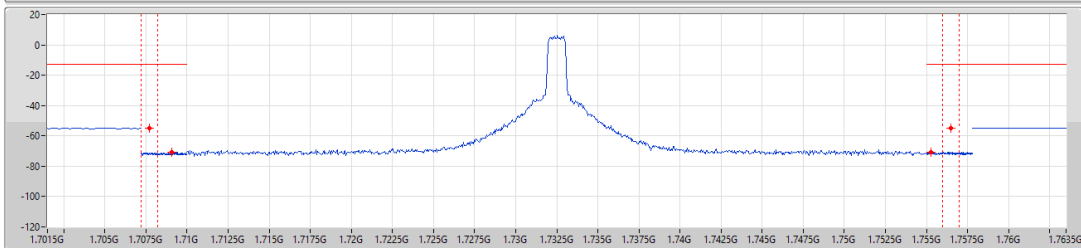
Band 4_LTE_1.4MHz_1TX
1732.5MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

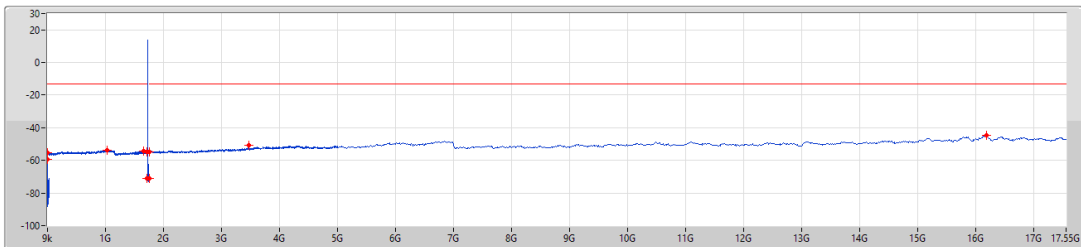


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	141.399k	-67.06	-13.00	-54.06	-	-
150k	30M	10k	30k	RMS	955.95k	-53.92	-13.00	-40.92	-	-
30M	1.5G	1M	3M	RMS	1.06194G	-53.72	-13.00	-40.72	-	-
1.5G	1.7072G	1M	3M	RMS	1.68151G	-54.41	-13.00	-41.41	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.09	-13.00	-42.09	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70906G	-70.52	-13.00	-57.52	-	-
1.755G	1.756G	20k	50k	RMS	1.75526G	-70.84	-13.00	-57.84	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.79	-13.00	-41.79	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.31914G	-51.15	-13.00	-38.15	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.55	-13.00	-31.55	-	-

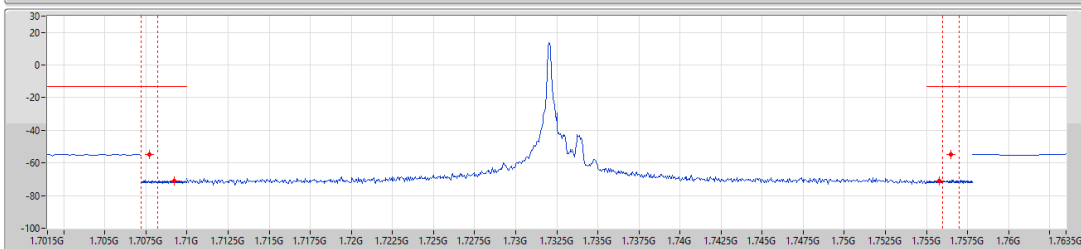
Band 4_LTE_1.4MHz_1TX
1732.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023



Limit
Port 1

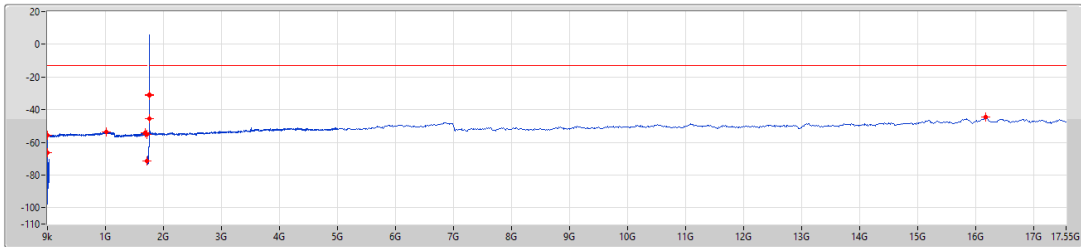


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	21.126k	-99.54	-13.00	-46.54	-	-
150k	30M	10k	30k	RMS	1.822M	-55.17	-13.00	-42.17	-	-
30M	1.5G	1M	3M	RMS	1.02519G	-53.71	-13.00	-40.71	-	-
1.5G	1.7072G	1M	3M	RMS	1.65623G	-54.23	-13.00	-41.23	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-54.98	-13.00	-41.98	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70923G	-71.05	-13.00	-58.05	-	-
1.755G	1.756G	20k	50k	RMS	1.75576G	-70.88	-13.00	-57.88	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.78	-13.00	-41.78	MBW 1M	-
1.7578G	5G	1M	3M	RMS	3.4633G	-50.55	-13.00	-37.55	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.68	-13.00	-31.68	-	-

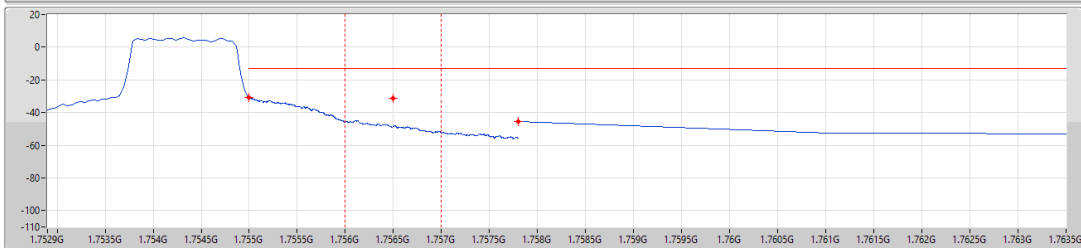
Band 4_LTE_1.4MHz_1TX
1754.3MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

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Limit
Port 1

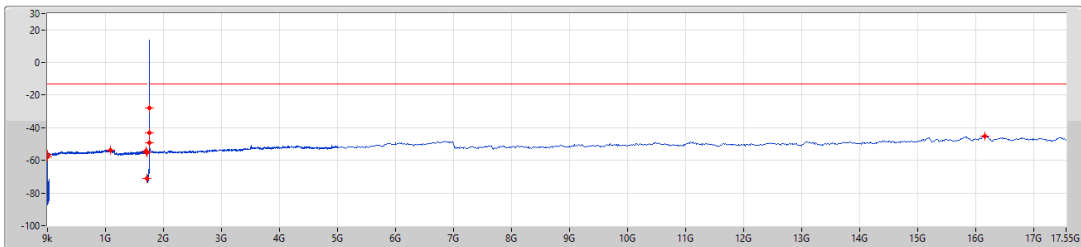


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.639k	-66.56	-13.00	-53.56	-	-
150k	30M	10k	30k	RMS	926.1k	-55.82	-13.00	-42.82	-	-
30M	1.5G	1M	3M	RMS	1.01637G	-53.65	-13.00	-40.65	-	-
1.5G	1.7072G	1M	3M	RMS	1.69021G	-54.38	-13.00	-41.38	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.11	-13.00	-42.11	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70951G	-71.26	-13.00	-58.26	-	-
1.755G	1.756G	20k	50k	RMS	1.7555G	-30.86	-13.00	-17.86	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-31.45	-13.00	-18.45	MBW 1M	-
1.7578G	5G	1M	3M	RMS	1.7578G	-45.90	-13.00	-32.90	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.42	-13.00	-31.42	-	-

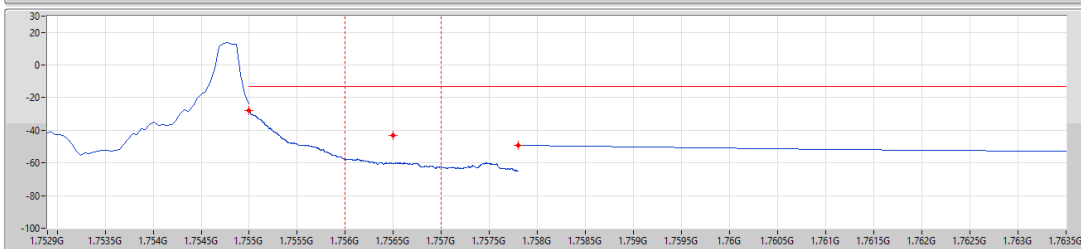
Band 4_LTE_1.4MHz_1TX
1754.3MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

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Limit
Port 1

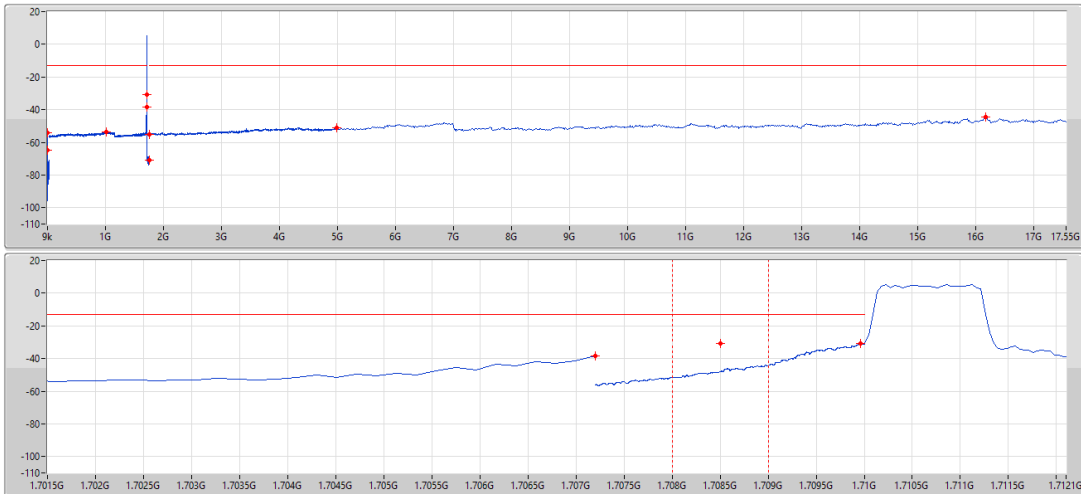


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	74.424k	-57.80	-13.00	-44.80	-	-
150k	30M	10k	30k	RMS	1.881M	-56.56	-13.00	-43.56	-	-
30M	1.5G	1M	3M	RMS	1.08399G	-53.80	-13.00	-40.80	-	-
1.5G	1.7072G	1M	3M	RMS	1.70057G	-54.37	-13.00	-41.37	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.16	-13.00	-42.16	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70926G	-71.08	-13.00	-58.08	-	-
1.755G	1.756G	20k	50k	RMS	1.7555G	-27.93	-13.00	-14.93	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-43.27	-13.00	-30.27	MBW 1M	-
1.7578G	5G	1M	3M	RMS	1.7578G	-49.40	-13.00	-36.40	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.93	-13.00	-31.93	-	-

Band 4_LTE_1.4MHz_1TX
1710.7MHz_64QAM_RB 6,#RB 0

CSE-TX-Sum

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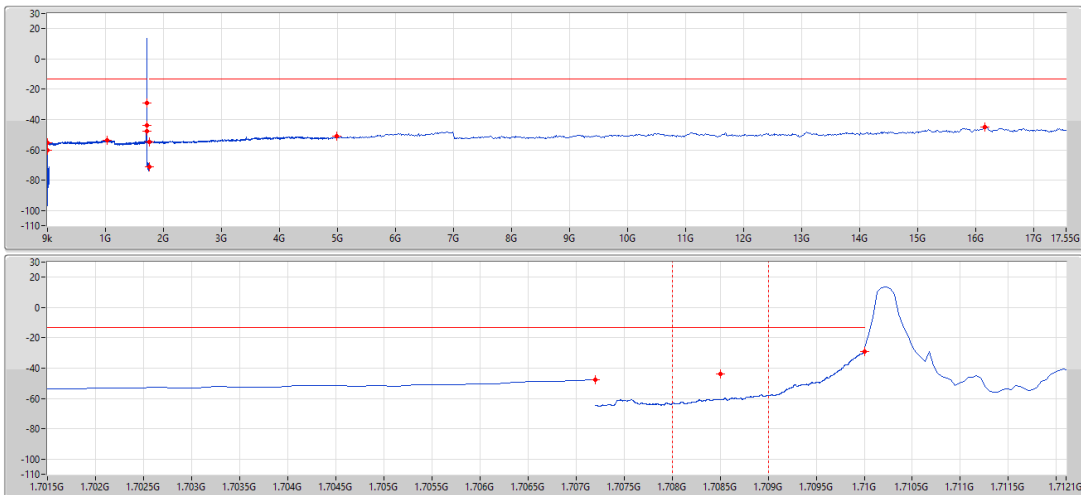


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	94.446k	-65.04	-13.00	-52.04	-	-
150k	30M	10k	30k	RMS	955.95k	-54.00	-13.00	-41.00	-	-
30M	1.5G	1M	3M	RMS	1.0149G	-53.69	-13.00	-40.69	-	-
1.5G	1.7072G	1M	3M	RMS	1.7072G	-38.30	-13.00	-25.30	-	-
1.7072G	1.709G	20k	50k	RMS	1.7085G	-30.60	-13.00	-17.60	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70996G	-30.53	-13.00	-17.53	-	-
1.755G	1.756G	20k	50k	RMS	1.75566G	-71.01	-13.00	-58.01	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.94	-13.00	-41.94	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.99027G	-50.91	-13.00	-37.91	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.60	-13.00	-31.60	-	-

Band 4_LTE_1.4MHz_1TX
1710.7MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

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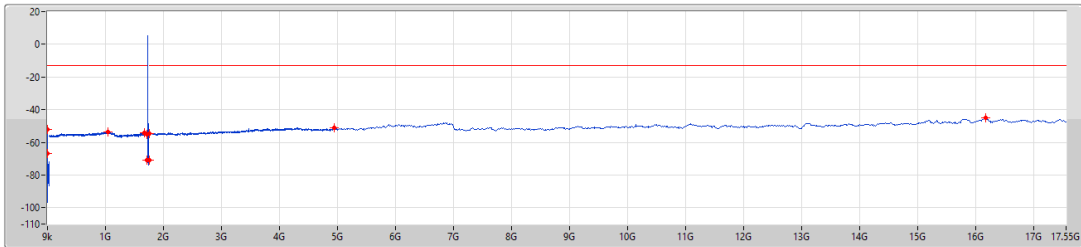


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	19.152k	-60.32	-13.00	-47.32	-	-
150k	30M	10k	30k	RMS	1.016M	-55.20	-13.00	-42.20	-	-
30M	1.5G	1M	3M	RMS	1.0296G	-53.66	-13.00	-40.66	-	-
1.5G	1.7072G	1M	3M	RMS	1.7072G	-47.75	-13.00	-34.75	-	-
1.7072G	1.709G	20k	50k	RMS	1.7085G	-43.74	-13.00	-30.74	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.71G	-29.18	-13.00	-16.18	-	-
1.755G	1.756G	20k	50k	RMS	1.75597G	-71.00	-13.00	-58.00	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.94	-13.00	-41.94	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.99027G	-51.11	-13.00	-38.11	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.78	-13.00	-31.78	-	-

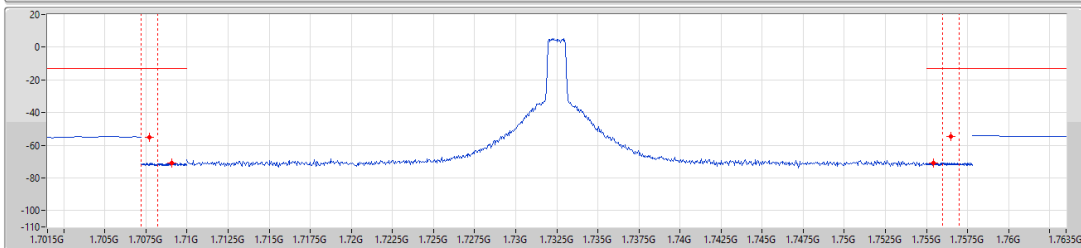
Band 4_LTE_1.4MHz_1TX
1732.5MHz_64QAM_RB 6,#RB 0

CSE-TX-Sum

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Limit
Port 1

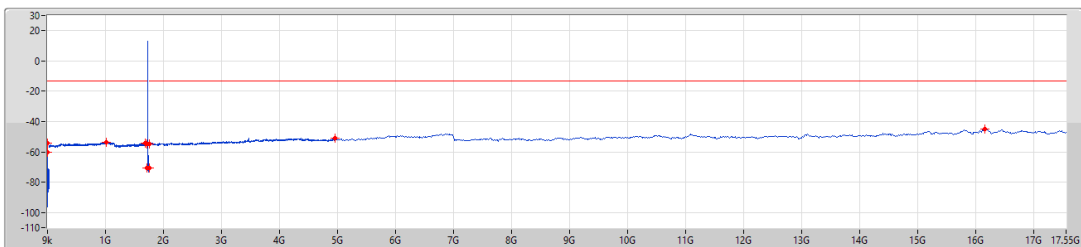


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	69.348k	-66.72	-13.00	-53.72	-	-
150k	30M	10k	30k	RMS	1.851M	-52.36	-13.00	-39.36	-	-
30M	1.5G	1M	3M	RMS	1.03548G	-53.74	-13.00	-40.74	-	-
1.5G	1.7072G	1M	3M	RMS	1.67591G	-54.24	-13.00	-41.24	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.05	-13.00	-42.05	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70908G	-70.95	-13.00	-57.95	-	-
1.755G	1.756G	20k	50k	RMS	1.75542G	-70.69	-13.00	-57.69	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.78	-13.00	-41.78	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.94489G	-51.12	-13.00	-38.12	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.80	-13.00	-31.80	-	-

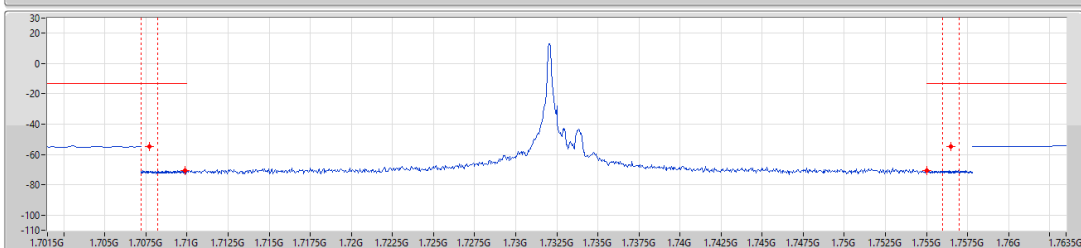
Band 4_LTE_1.4MHz_1TX
1732.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023



Limit
Port 1



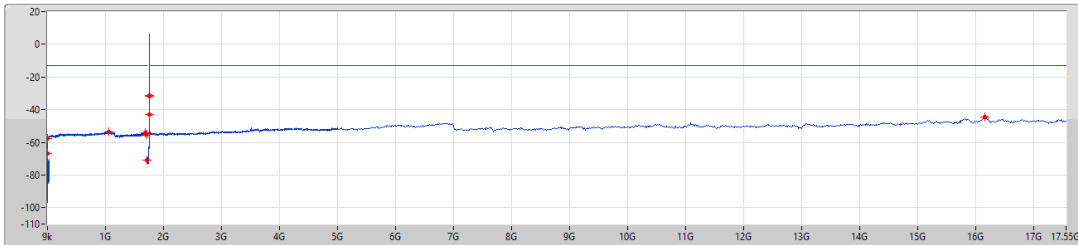
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9k	150k	1k	3k	RMS	13.23k	-60.04	-13.00	-47.04	-	-
150k	30M	10k	30k	RMS	955.95k	-54.39	-13.00	-41.39	-	-
30M	1.5G	1M	3M	RMS	1.00755G	-53.73	-13.00	-40.73	-	-
1.5G	1.7072G	1M	3M	RMS	1.68607G	-54.23	-13.00	-41.23	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-54.96	-13.00	-41.96	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70987G	-70.54	-13.00	-57.54	-	-
1.755G	1.756G	20k	50k	RMS	1.75501G	-70.79	-13.00	-57.79	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-54.77	-13.00	-41.77	MBW 1M	-
1.7578G	5G	1M	3M	RMS	4.94812G	-50.83	-13.00	-37.83	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.67	-13.00	-31.67	-	-

Band 4_LTE_1.4MHz_1TX

1754.3MHz_64QAM_RB 6,#RB 0

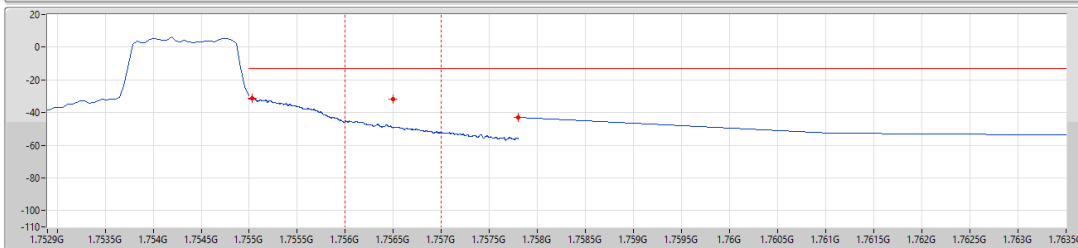
CSE-TX-Sum

26/04/2023



Limit

Port 1



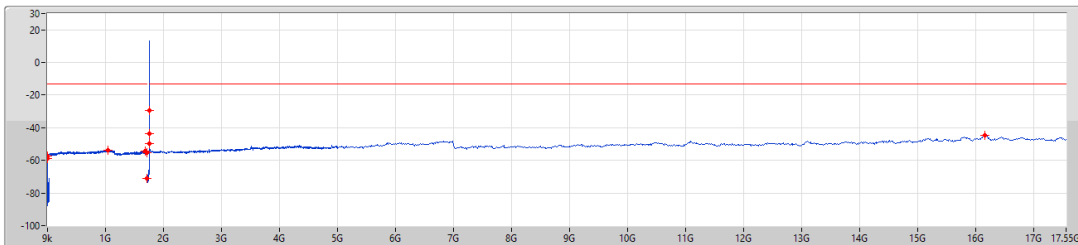
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	62.721k	-66.87	-13.00	-53.87	-	-
150k	30M	10k	30k	RMS	926.1k	-57.92	-13.00	-44.92	-	-
30M	1.5G	1M	3M	RMS	1.05459G	-53.87	-13.00	-40.87	-	-
1.5G	1.7072G	1M	3M	RMS	1.67985G	-54.25	-13.00	-41.25	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.12	-13.00	-42.12	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70968G	-71.13	-13.00	-58.13	-	-
1.755G	1.756G	20k	50k	RMS	1.75503G	-31.32	-13.00	-18.32	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-31.69	-13.00	-18.69	MBW 1M	-
1.7578G	5G	1M	3M	RMS	1.7578G	-42.97	-13.00	-29.97	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.61	-13.00	-31.61	-	-

Band 4_LTE_1.4MHz_1TX

1754.3MHz_64QAM_RB 1,#RB H

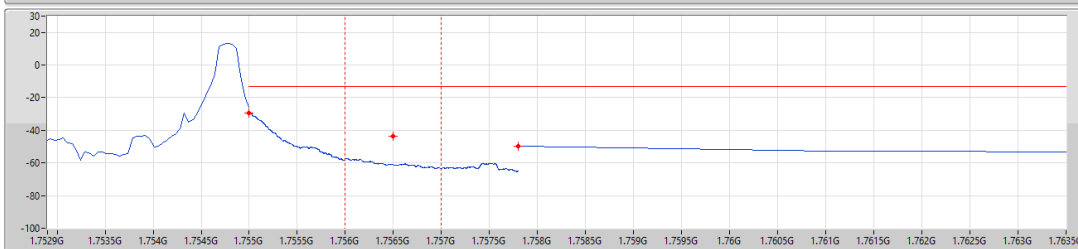
CSE-TX-Sum

26/04/2023



Limit

Port 1

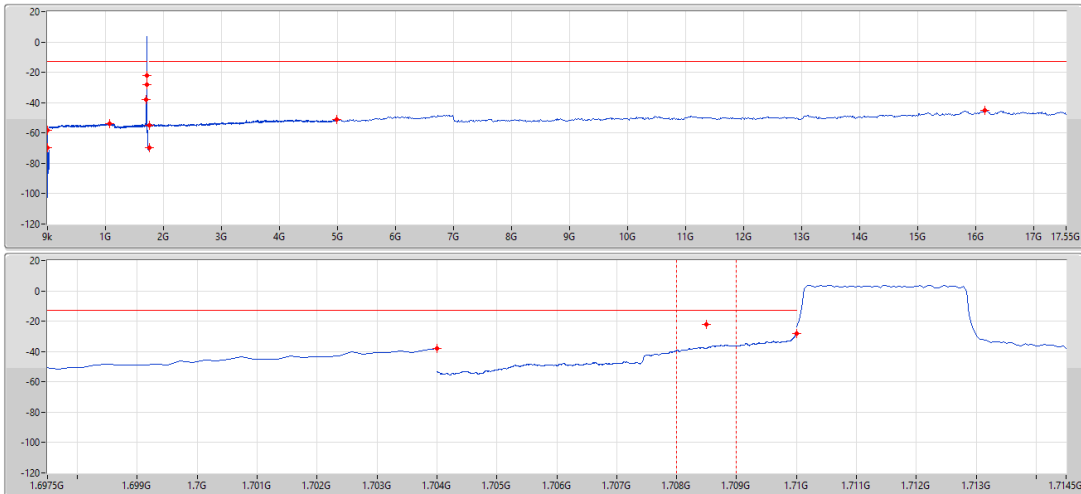


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	51.723k	-58.93	-13.00	-45.93	-	-
150k	30M	10k	30k	RMS	150k	-57.17	-13.00	-44.17	-	-
30M	1.5G	1M	3M	RMS	1.03842G	-53.81	-13.00	-40.81	-	-
1.5G	1.7072G	1M	3M	RMS	1.68959G	-54.28	-13.00	-41.28	-	-
1.7072G	1.709G	20k	50k	RMS	1.7077G	-55.12	-13.00	-42.12	MBW 1M	-
1.709G	1.71G	20k	50k	RMS	1.70938G	-71.19	-13.00	-58.19	-	-
1.755G	1.756G	20k	50k	RMS	1.755G	-29.28	-13.00	-16.28	-	-
1.756G	1.7578G	20k	50k	RMS	1.7565G	-43.63	-13.00	-30.63	MBW 1M	-
1.7578G	5G	1M	3M	RMS	1.7578G	-49.66	-13.00	-36.66	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.76	-13.00	-31.76	-	-

Band 4 LTE 3MHz 1TX
1711.5MHz QPSK RB 15,#RB 0

CSE-TX-Sum

26/04/2023

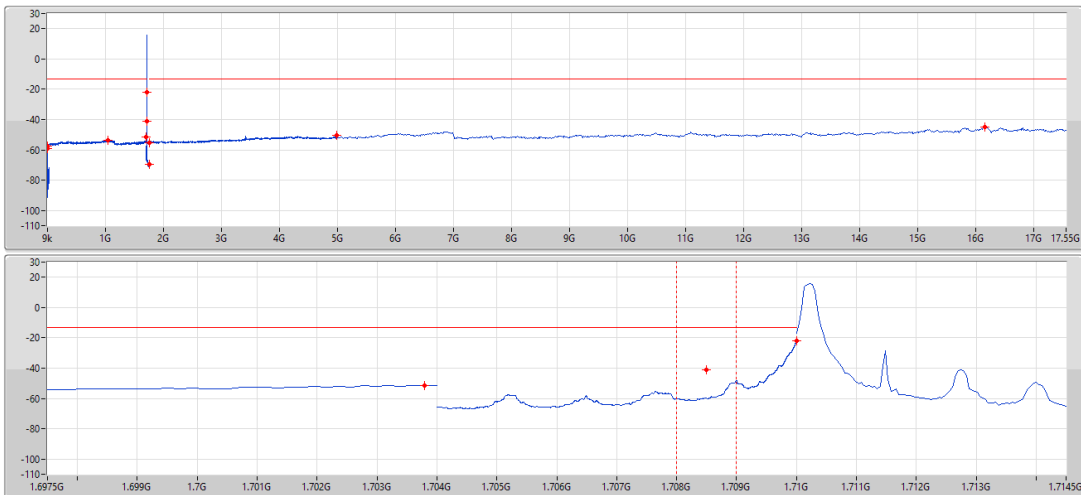


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.512k	-69.81	-13.00	-56.81	-	-
150k	30M	10k	30k	RMS	1.941M	-58.26	-13.00	-45.26	-	-
30M	1.5G	1M	3M	RMS	1.06488G	-53.64	-13.00	-40.64	-	-
1.5G	1.704G	1M	3M	RMS	1.704G	-38.22	-13.00	-25.22	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-22.28	-13.00	-9.28	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-28.20	-13.00	-15.20	-	-
1.755G	1.756G	30k	100k	RMS	1.75506G	-69.69	-13.00	-56.69	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-55.06	-13.00	-42.06	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.98704G	-51.22	-13.00	-38.22	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.61	-13.00	-31.61	-	-

Band 4 LTE 3MHz 1TX
1711.5MHz QPSK RB 1,#RB L

CSE-TX-Sum

26/04/2023

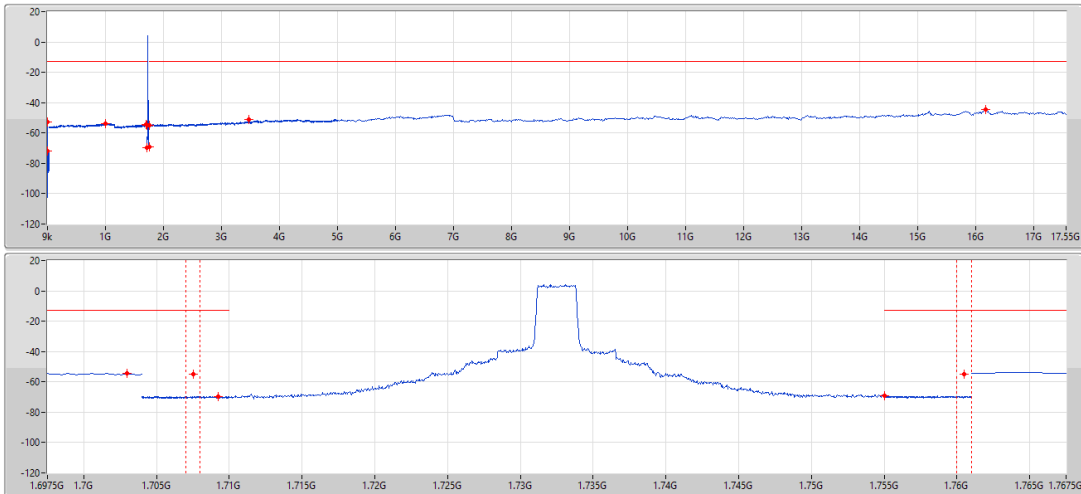


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.78k	-57.54	-13.00	-44.54	-	-
150k	30M	10k	30k	RMS	1.016M	-59.00	-13.00	-46.00	-	-
30M	1.5G	1M	3M	RMS	1.04283G	-53.73	-13.00	-40.73	-	-
1.5G	1.704G	1M	3M	RMS	1.7038G	-51.39	-13.00	-38.39	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-40.97	-13.00	-27.97	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-21.94	-13.00	-8.94	-	-
1.755G	1.756G	30k	100k	RMS	1.756G	-69.77	-13.00	-56.77	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-55.07	-13.00	-42.07	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.99028G	-50.53	-13.00	-37.53	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.74	-13.00	-31.74	-	-

Band 4 LTE_3MHz_1TX
1732.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum

26/04/2023

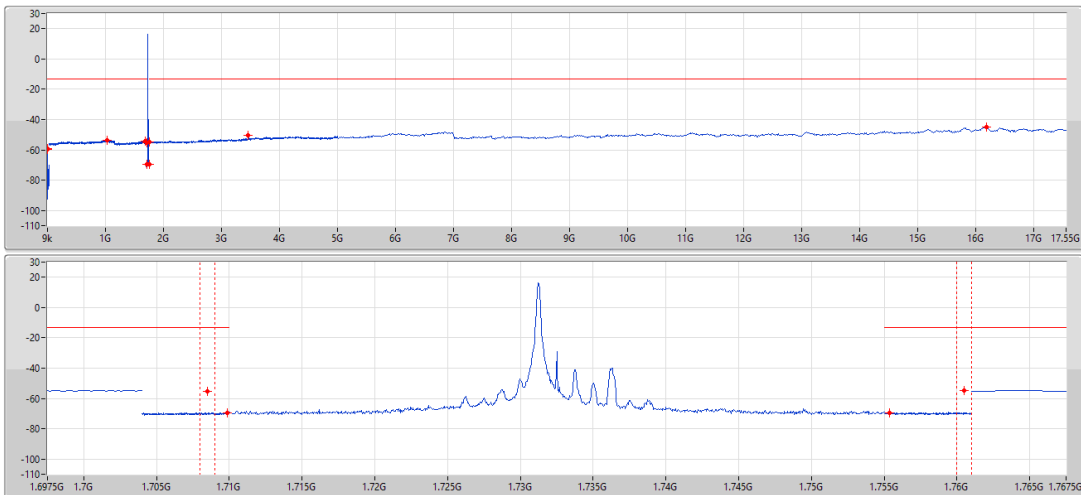


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	14.217k	-71.96	-13.00	-58.96	-	-
150k	30M	10k	30k	RMS	1.822M	-52.83	-13.00	-39.83	-	-
30M	1.5G	1M	3M	RMS	997.26M	-53.78	-13.00	-40.78	-	-
1.5G	1.704G	1M	3M	RMS	1.70298G	-54.35	-13.00	-41.35	-	-
1.704G	1.709G	30k	100k	RMS	1.7075G	-55.15	-13.00	-42.15	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70924G	-69.71	-13.00	-56.71	-	-
1.755G	1.756G	30k	100k	RMS	1.75501G	-69.34	-13.00	-56.34	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-54.95	-13.00	-41.95	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.46471G	-51.09	-13.00	-38.09	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.56	-13.00	-31.56	-	-

Band 4 LTE_3MHz_1TX
1732.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023

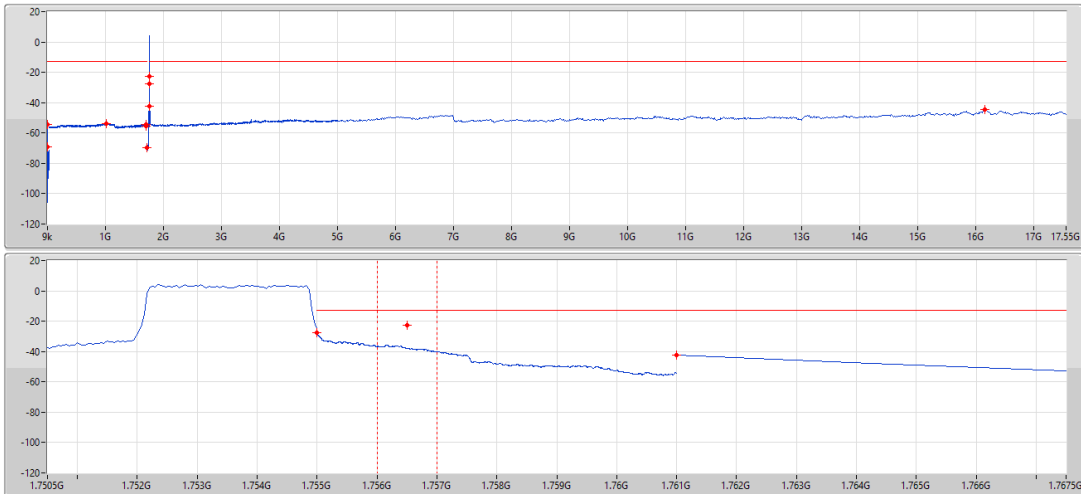


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.075k	-58.94	-13.00	-45.94	-	-
150k	30M	10k	30k	RMS	926.1k	-59.65	-13.00	-46.65	-	-
30M	1.5G	1M	3M	RMS	1.02225G	-53.61	-13.00	-40.61	-	-
1.5G	1.704G	1M	3M	RMS	1.68992G	-54.45	-13.00	-41.45	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-55.09	-13.00	-42.09	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70984G	-69.43	-13.00	-56.43	-	-
1.755G	1.756G	30k	100k	RMS	1.75536G	-69.37	-13.00	-56.37	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-54.96	-13.00	-41.96	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.46148G	-50.55	-13.00	-37.55	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.92	-13.00	-31.92	-	-

Band 4 LTE 3MHz 1TX
1753.5MHz QPSK RB 15,#RB 0

CSE-TX-Sum

26/04/2023

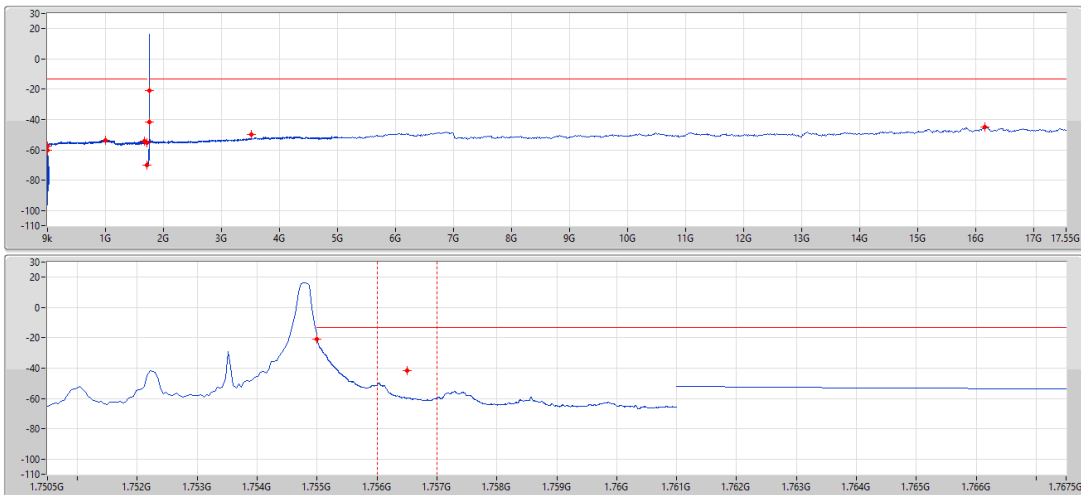


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	14.076k	-69.09	-13.00	-56.09	-	-
150k	30M	10k	30k	RMS	985.8k	-54.30	-13.00	-41.30	-	-
30M	1.5G	1M	3M	RMS	1.01784G	-53.77	-13.00	-40.77	-	-
1.5G	1.704G	1M	3M	RMS	1.6938G	-54.36	-13.00	-41.36	-	-
1.704G	1.709G	30k	100k	RMS	1.7045G	-53.35	-13.00	-42.35	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70919G	-69.82	-13.00	-56.82	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-27.73	-13.00	-14.73	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-22.68	-13.00	-9.68	MBW 1M	-
1.761G	5G	1M	3M	RMS	1.761G	-42.29	-13.00	-29.29	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.59	-13.00	-31.59	-	-

Band 4 LTE 3MHz 1TX
1753.5MHz QPSK RB 1,#RB H

CSE-TX-Sum

26/04/2023

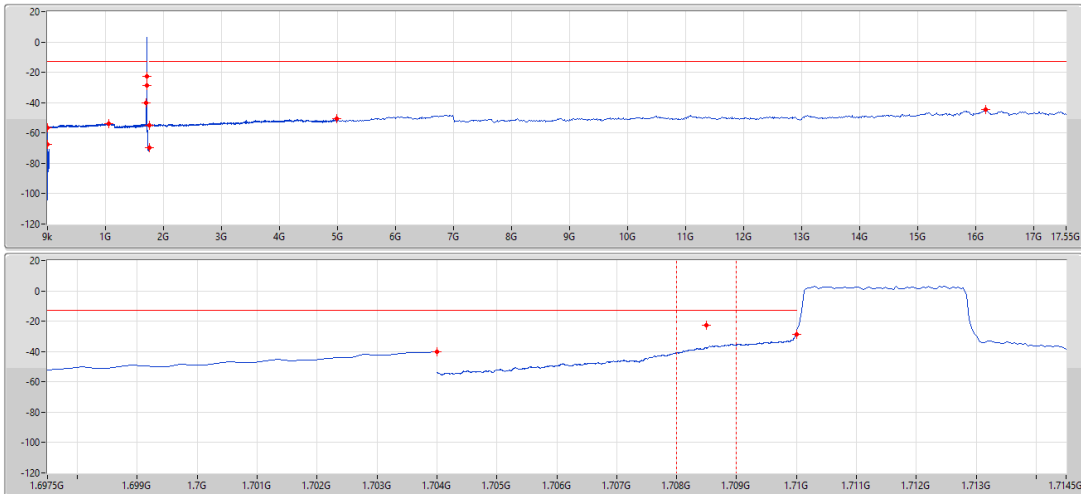


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.652k	-57.30	-13.00	-44.30	-	-
150k	30M	10k	30k	RMS	2.06M	-60.04	-13.00	-47.04	-	-
30M	1.5G	1M	3M	RMS	997.26M	-53.59	-13.00	-40.59	-	-
1.5G	1.704G	1M	3M	RMS	1.67646G	-54.33	-13.00	-41.33	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-55.29	-13.00	-42.29	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70909G	-69.81	-13.00	-56.81	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-21.10	-13.00	-8.10	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-41.62	-13.00	-28.62	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.51006G	-50.06	-13.00	-37.06	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.67	-13.00	-31.67	-	-

Band 4_LTE_3MHz_1TX
1711.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum

26/04/2023

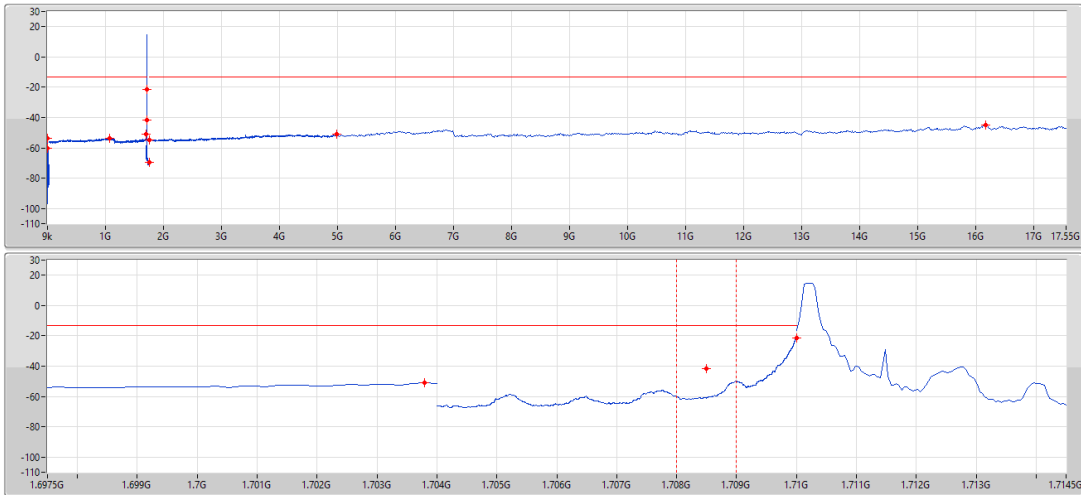


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	16.473k	-67.39	-13.00	-54.39	-	-
150k	30M	10k	30k	RMS	1.792M	-56.70	-13.00	-43.70	-	-
30M	1.5G	1M	3M	RMS	1.05165G	-53.65	-13.00	-40.65	-	-
1.5G	1.704G	1M	3M	RMS	1.704G	-40.10	-13.00	-27.10	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-22.47	-13.00	-9.47	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-28.56	-13.00	-15.56	-	-
1.755G	1.756G	30k	100k	RMS	1.7556G	-69.47	-13.00	-56.47	-	-
1.756G	1.761G	30k	100k	RMS	1.7595G	-55.13	-13.00	-42.13	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.98704G	-50.72	-13.00	-37.72	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.64	-13.00	-31.64	-	-

Band 4_LTE_3MHz_1TX
1711.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

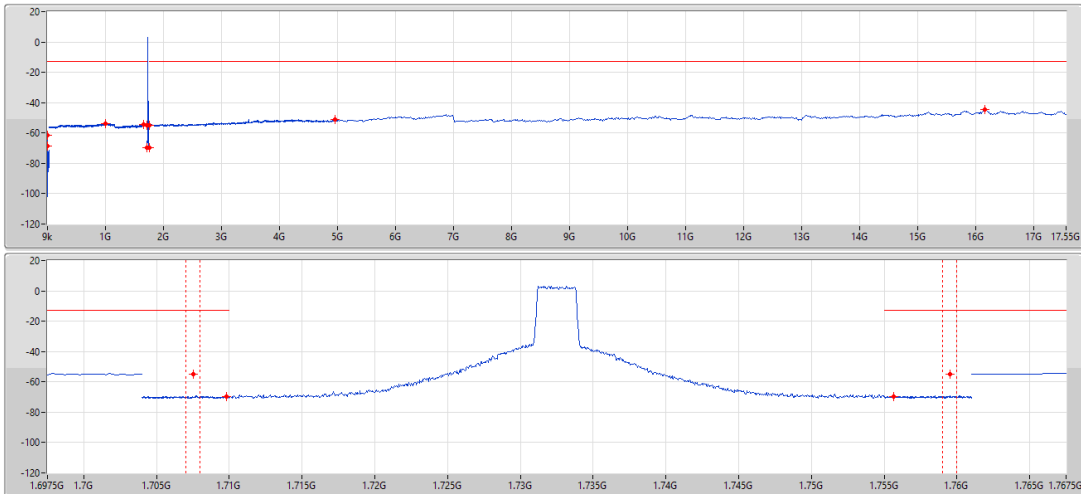


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	84.576k	-60.25	-13.00	-47.25	-	-
150k	30M	10k	30k	RMS	1.941M	-53.43	-13.00	-40.43	-	-
30M	1.5G	1M	3M	RMS	1.07811G	-53.91	-13.00	-40.91	-	-
1.5G	1.704G	1M	3M	RMS	1.7038G	-51.13	-13.00	-38.13	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-41.78	-13.00	-28.78	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-21.33	-13.00	-8.33	-	-
1.755G	1.756G	30k	100k	RMS	1.7556G	-69.70	-13.00	-56.70	-	-
1.756G	1.761G	30k	100k	RMS	1.7595G	-55.00	-13.00	-42.00	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.99028G	-50.89	-13.00	-37.89	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.65	-13.00	-31.65	-	-

Band 4_LTE_3MHz_1TX
1732.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum

26/04/2023

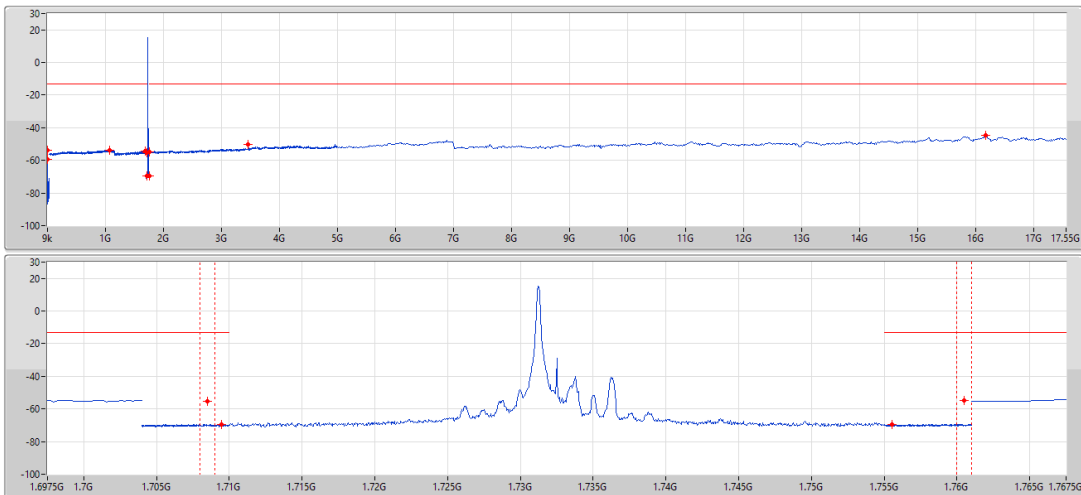


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.357k	-68.82	-13.00	-55.82	-	-
150k	30M	10k	30k	RMS	1.613M	-61.35	-13.00	-48.35	-	-
30M	1.5G	1M	3M	RMS	1.00167G	-53.70	-13.00	-40.70	-	-
1.5G	1.704G	1M	3M	RMS	1.64974G	-54.38	-13.00	-41.38	-	-
1.704G	1.709G	30k	100k	RMS	1.7075G	-55.19	-13.00	-42.19	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70982G	-69.73	-13.00	-56.73	-	-
1.755G	1.756G	30k	100k	RMS	1.75568G	-69.44	-13.00	-56.44	-	-
1.756G	1.761G	30k	100k	RMS	1.7595G	-55.02	-13.00	-42.02	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.95789G	-51.18	-13.00	-38.18	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.48	-13.00	-31.48	-	-

Band 4_LTE_3MHz_1TX
1732.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

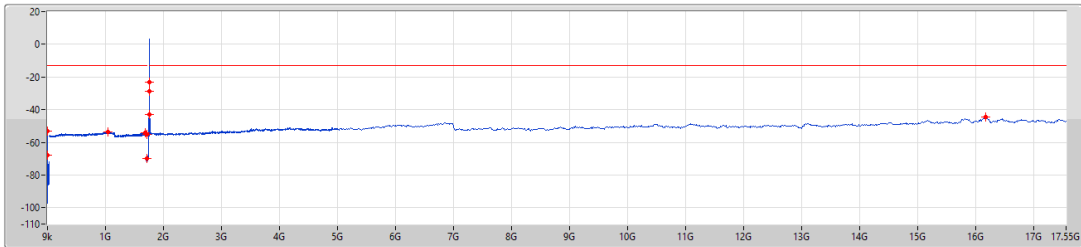


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	58.35k	-99.19	-13.00	-46.19	-	-
150k	30M	10k	30k	RMS	1.016M	-93.84	-13.00	-40.84	-	-
30M	1.5G	1M	3M	RMS	1.07517G	-53.66	-13.00	-40.66	-	-
1.5G	1.704G	1M	3M	RMS	1.67932G	-54.25	-13.00	-41.25	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-55.13	-13.00	-42.13	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70948G	-69.52	-13.00	-56.52	-	-
1.755G	1.756G	30k	100k	RMS	1.75555G	-69.57	-13.00	-56.57	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-54.97	-13.00	-41.97	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.46148G	-50.08	-13.00	-37.08	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.71	-13.00	-31.71	-	-

Band 4_LTE_3MHz_1TX
1753.5MHz_16QAM_RB 15,#RB 0

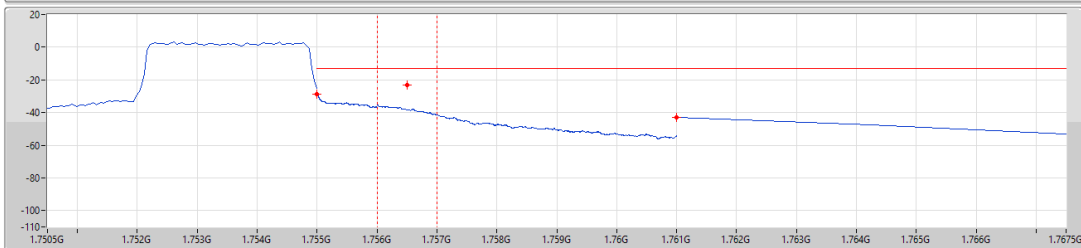
CSE-TX-Sum

26/04/2023



Limit

Port 1

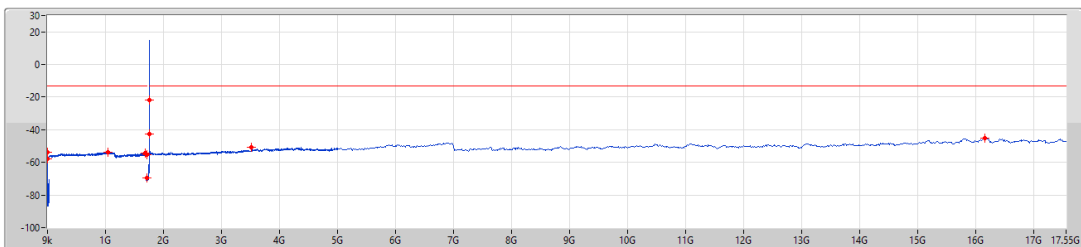


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	78.231k	-67.97	-13.00	-54.97	-	-
150k	30M	10k	30k	RMS	1.881M	-52.88	-13.00	-39.88	-	-
30M	1.5G	1M	3M	RMS	1.03989G	-53.74	-13.00	-40.74	-	-
1.5G	1.704G	1M	3M	RMS	1.6885G	-54.34	-13.00	-41.34	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-53.33	-13.00	-42.33	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-69.98	-13.00	-56.98	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-28.54	-13.00	-15.54	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-22.99	-13.00	-9.99	MBW 1M	-
1.761G	5G	1M	3M	RMS	1.761G	-43.17	-13.00	-30.17	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.32	-13.00	-31.32	-	-

Band 4_LTE_3MHz_1TX
1753.5MHz_16QAM_RB 1,#RB H

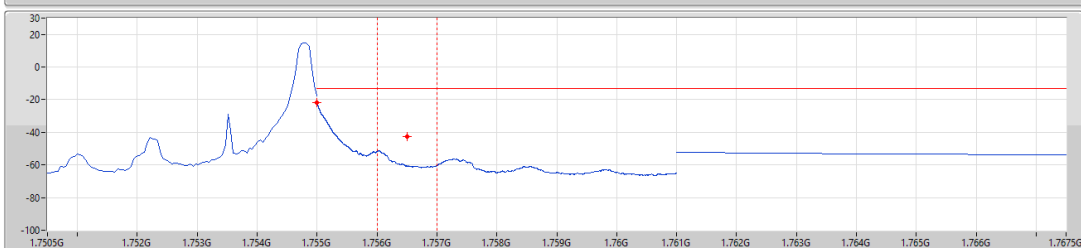
CSE-TX-Sum

26/04/2023



Limit

Port 1

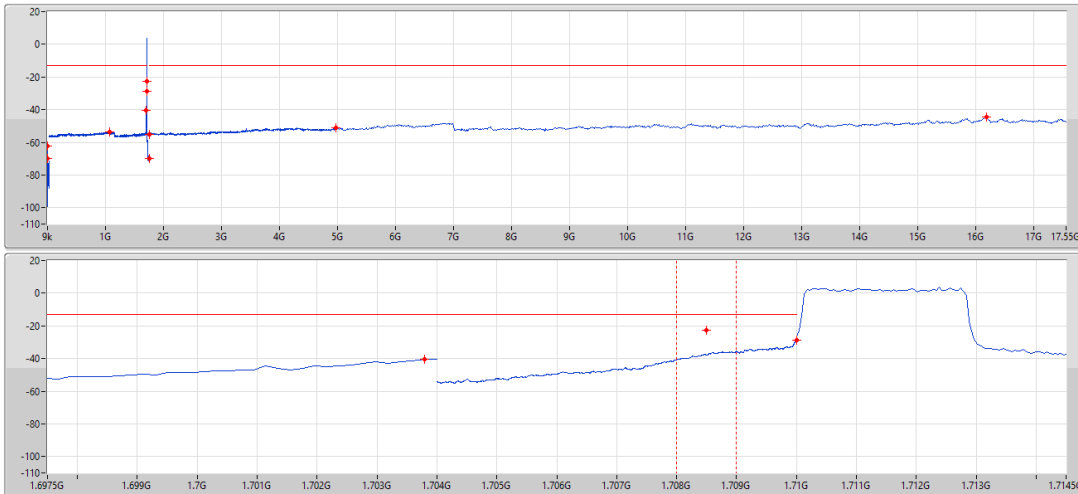


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	56.094k	-58.01	-13.00	-45.01	-	-
150k	30M	10k	30k	RMS	1.911M	-53.77	-13.00	-40.77	-	-
30M	1.5G	1M	3M	RMS	1.03989G	-53.86	-13.00	-40.86	-	-
1.5G	1.704G	1M	3M	RMS	1.68931G	-54.20	-13.00	-41.20	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-55.24	-13.00	-42.24	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70921G	-69.51	-13.00	-56.51	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-22.05	-13.00	-9.05	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-42.38	-13.00	-29.38	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.51006G	-50.55	-13.00	-37.55	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.91	-13.00	-31.91	-	-

Band 4_LTE_3MHz_1TX
1711.5MHz_64QAM_RB 15,#RB 0

CSE-TX-Sum

26/04/2023

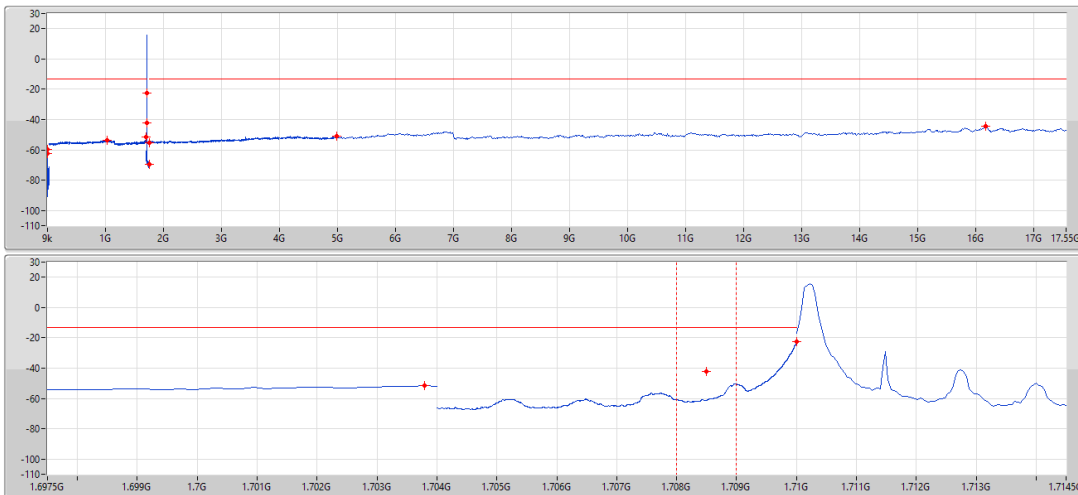


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	14.499k	-69.63	-13.00	-56.63	-	-
150k	30M	10k	30k	RMS	418.65k	-62.50	-13.00	-49.50	-	-
30M	1.5G	1M	3M	RMS	1.06635G	-53.76	-13.00	-40.76	-	-
1.5G	1.704G	1M	3M	RMS	1.7038G	-40.29	-13.00	-27.29	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-22.59	-13.00	-9.59	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-28.70	-13.00	-15.70	-	-
1.755G	1.756G	30k	100k	RMS	1.75595G	-69.74	-13.00	-56.74	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-55.11	-13.00	-42.11	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.96437G	-51.26	-13.00	-38.26	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.62	-13.00	-31.62	-	-

Band 4_LTE_3MHz_1TX
1711.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

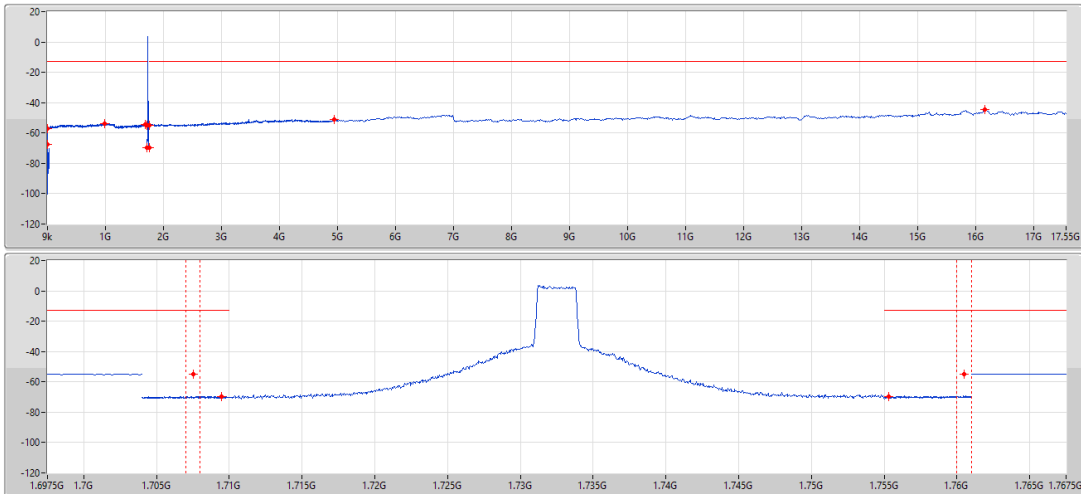


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	27.894k	-99.66	-13.00	-46.66	-	-
150k	30M	10k	30k	RMS	985.8k	-62.68	-13.00	-49.68	-	-
30M	1.5G	1M	3M	RMS	1.02225G	-53.85	-13.00	-40.85	-	-
1.5G	1.704G	1M	3M	RMS	1.7038G	-51.61	-13.00	-38.61	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-42.16	-13.00	-29.16	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.71G	-22.56	-13.00	-9.56	-	-
1.755G	1.756G	30k	100k	RMS	1.75593G	-69.46	-13.00	-56.46	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-55.05	-13.00	-42.05	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.99028G	-51.06	-13.00	-38.06	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.52	-13.00	-31.52	-	-

Band 4_LTE_3MHz_1TX
1732.5MHz_64QAM_RB 15,#RB 0

CSE-TX-Sum

26/04/2023

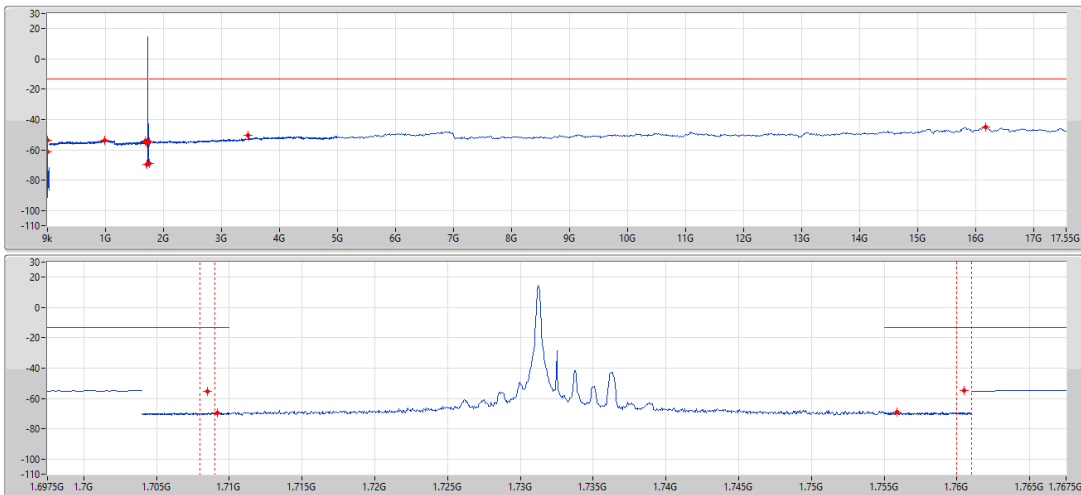


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	78.372k	-67.68	-13.00	-54.68	-	-
150k	30M	10k	30k	RMS	985.8k	-57.37	-13.00	-44.37	-	-
30M	1.5G	1M	3M	RMS	986.97M	-53.75	-13.00	-40.75	-	-
1.5G	1.704G	1M	3M	RMS	1.68972G	-54.39	-13.00	-41.39	-	-
1.704G	1.709G	30k	100k	RMS	1.7075G	-55.19	-13.00	-42.19	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70944G	-69.69	-13.00	-56.69	-	-
1.755G	1.756G	30k	100k	RMS	1.75531G	-69.50	-13.00	-56.50	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-55.01	-13.00	-42.01	MBW 1M	-
1.761G	5G	1M	3M	RMS	4.94494G	-51.16	-13.00	-38.16	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.63	-13.00	-31.63	-	-

Band 4_LTE_3MHz_1TX
1732.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

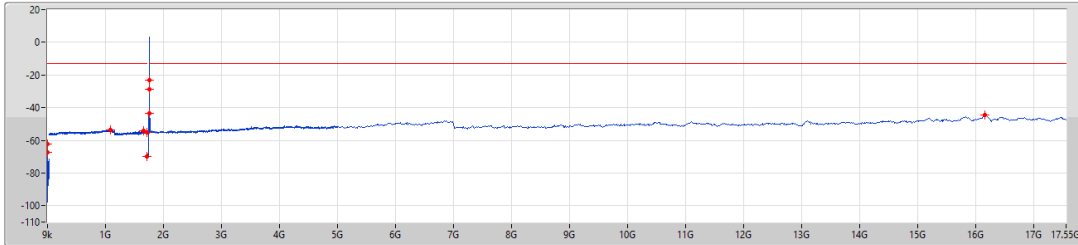


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	77.949k	-61.13	-13.00	-48.13	-	-
150k	30M	10k	30k	RMS	955.95k	-53.53	-13.00	-40.53	-	-
30M	1.5G	1M	3M	RMS	979.62M	-53.87	-13.00	-40.87	-	-
1.5G	1.704G	1M	3M	RMS	1.68972G	-54.32	-13.00	-41.32	-	-
1.704G	1.709G	30k	100k	RMS	1.7085G	-55.18	-13.00	-42.18	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70916G	-69.35	-13.00	-56.35	-	-
1.755G	1.756G	30k	100k	RMS	1.75587G	-69.23	-13.00	-56.23	-	-
1.756G	1.761G	30k	100k	RMS	1.7605G	-54.98	-13.00	-41.98	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.46148G	-50.38	-13.00	-37.38	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-45.01	-13.00	-32.01	-	-

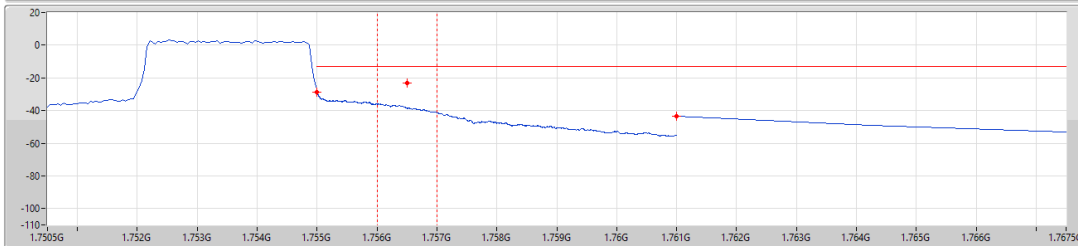
Band 4_LTE_3MHz_1TX
1753.5MHz_64QAM_RB 15,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

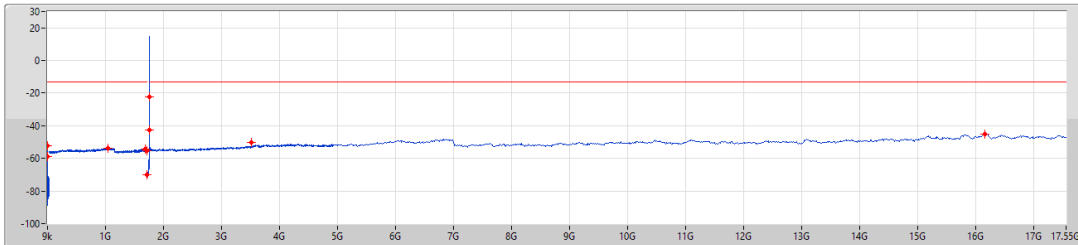


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	95.574k	-67.37	-13.00	-54.37	-	-
150k	30M	10k	30k	RMS	1.553M	-62.17	-13.00	-49.17	-	-
30M	1.5G	1M	3M	RMS	1.09134G	-53.79	-13.00	-40.79	-	-
1.5G	1.704G	1M	3M	RMS	1.65626G	-54.32	-13.00	-41.32	-	-
1.704G	1.709G	30k	100k	RMS	1.7075G	-53.30	-13.00	-42.30	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70933G	-69.70	-13.00	-56.70	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-28.61	-13.00	-15.61	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-23.16	-13.00	-10.16	MBW 1M	-
1.761G	5G	1M	3M	RMS	1.761G	-43.25	-13.00	-30.25	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.50	-13.00	-31.50	-	-

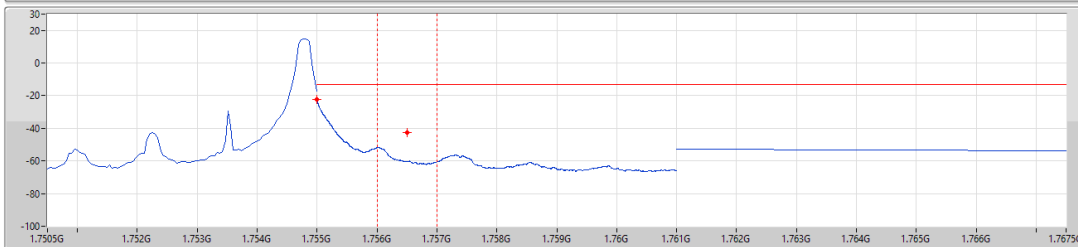
Band 4_LTE_3MHz_1TX
1753.5MHz_64QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023



Limit
Port 1

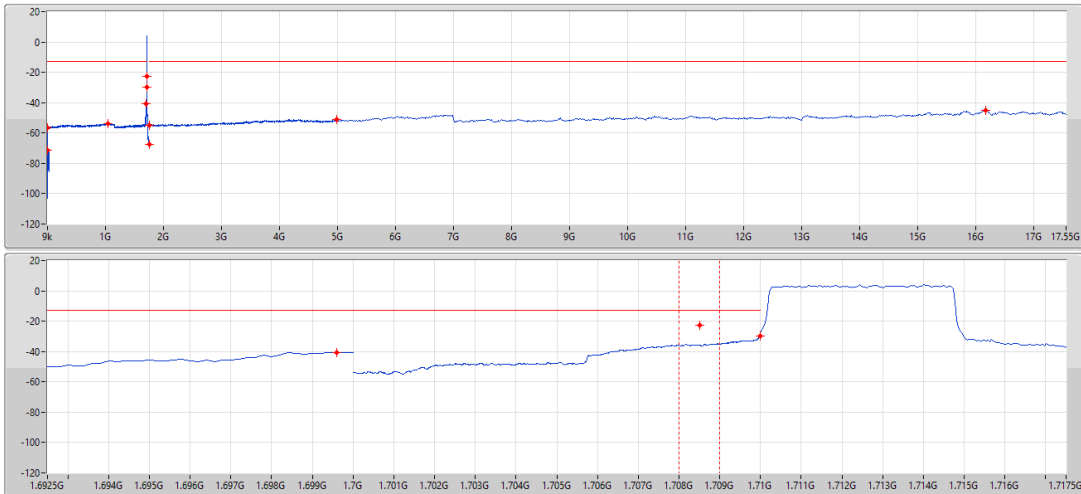


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	21.549k	-58.69	-13.00	-45.69	-	-
150k	30M	10k	30k	RMS	1.941M	-52.15	-13.00	-39.15	-	-
30M	1.5G	1M	3M	RMS	1.03842G	-53.67	-13.00	-40.67	-	-
1.5G	1.704G	1M	3M	RMS	1.68564G	-54.28	-13.00	-41.28	-	-
1.704G	1.709G	30k	100k	RMS	1.7075G	-55.28	-13.00	-42.28	MBW 1M	-
1.709G	1.71G	30k	100k	RMS	1.70924G	-69.88	-13.00	-56.88	-	-
1.755G	1.756G	30k	100k	RMS	1.755G	-22.54	-13.00	-9.54	-	-
1.756G	1.761G	30k	100k	RMS	1.7565G	-42.70	-13.00	-29.70	MBW 1M	-
1.761G	5G	1M	3M	RMS	3.51006G	-50.36	-13.00	-37.36	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.91	-13.00	-31.91	-	-

Band 4 LTE 5MHz 1TX
1712.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

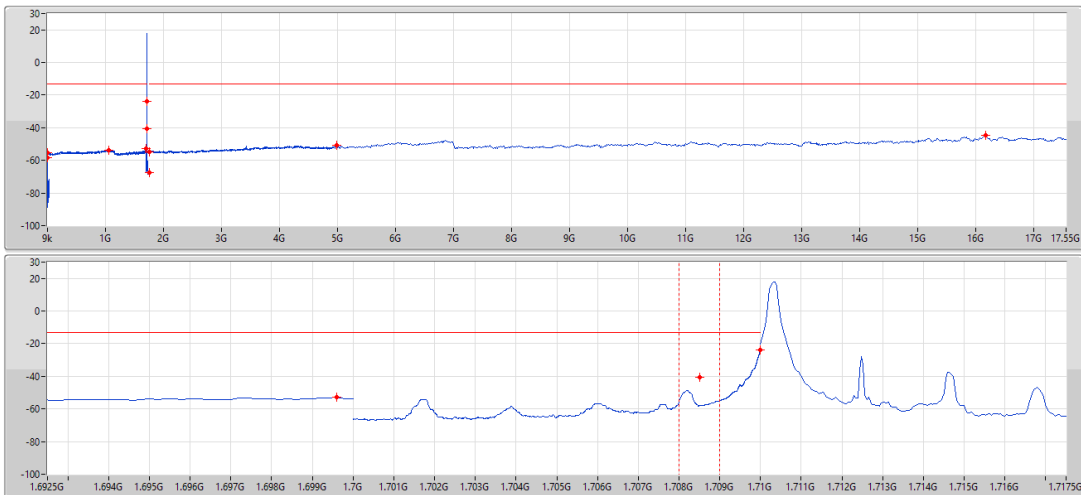


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	98.394k	-71.31	-13.00	-58.31	-	-
150k	30M	10k	30k	RMS	2.001M	-56.83	-13.00	-43.83	-	-
30M	1.5G	1M	3M	RMS	1.03989G	-53.85	-13.00	-40.85	-	-
1.5G	1.7G	1M	3M	RMS	1.6996G	-40.45	-13.00	-27.45	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-22.86	-13.00	-9.86	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.71G	-29.84	-13.00	-16.84	-	-
1.755G	1.756G	50k	200k	RMS	1.75533G	-67.62	-13.00	-54.62	-	-
1.756G	1.765G	50k	200k	RMS	1.7605G	-54.99	-13.00	-41.99	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.9903G	-50.91	-13.00	-37.91	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.90	-13.00	-31.90	-	-

Band 4 LTE 5MHz 1TX
1712.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023

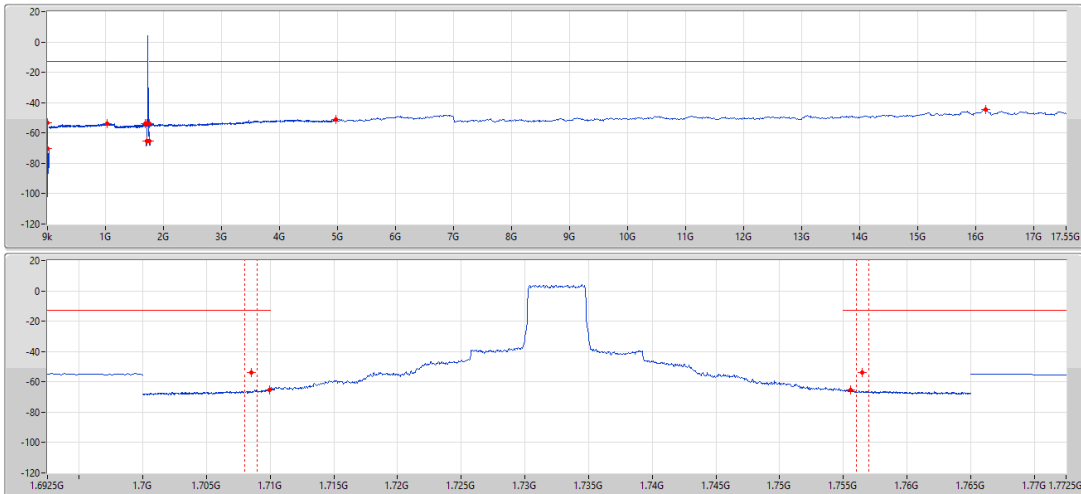


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	76.116k	-58.61	-13.00	-45.61	-	-
150k	30M	10k	30k	RMS	2.031M	-55.19	-13.00	-42.19	-	-
30M	1.5G	1M	3M	RMS	1.059G	-53.81	-13.00	-40.81	-	-
1.5G	1.7G	1M	3M	RMS	1.6996G	-52.92	-13.00	-39.92	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-40.69	-13.00	-27.69	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.71G	-23.59	-13.00	-10.59	-	-
1.755G	1.756G	50k	200k	RMS	1.75521G	-67.63	-13.00	-54.63	-	-
1.756G	1.765G	50k	200k	RMS	1.7635G	-54.97	-13.00	-41.97	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.9903G	-50.73	-13.00	-37.73	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.71	-13.00	-31.71	-	-

Band 4 LTE 5MHz 1TX
1732.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

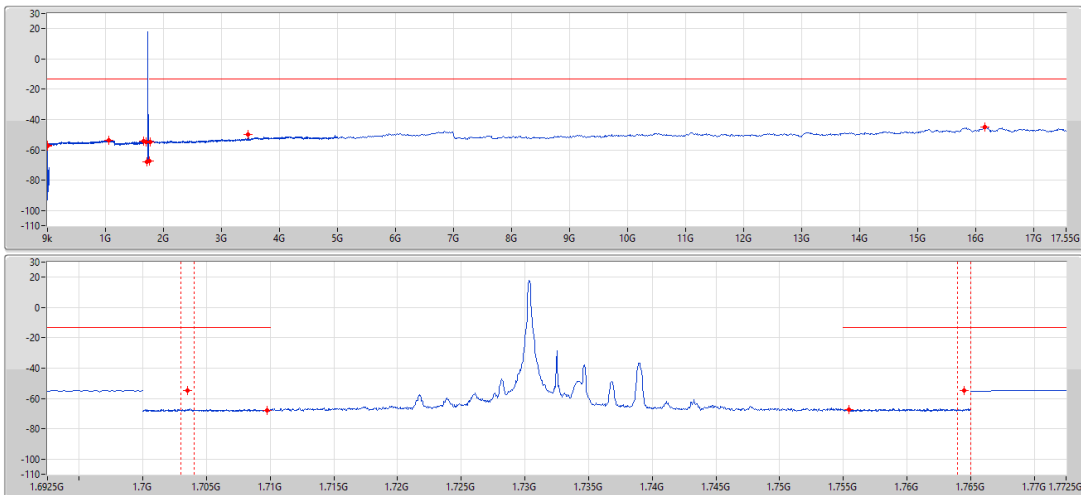


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.921k	-70.22	-13.00	-57.22	-	-
150k	30M	10k	30k	RMS	955.95k	-53.25	-13.00	-40.25	-	-
30M	1.5G	1M	3M	RMS	1.02372G	-53.81	-13.00	-40.81	-	-
1.5G	1.7G	1M	3M	RMS	1.6898G	-54.09	-13.00	-41.09	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-53.74	-13.00	-40.74	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70997G	-65.28	-13.00	-52.28	-	-
1.715G	1.756G	50k	200k	RMS	1.75555G	-65.56	-13.00	-52.56	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-53.97	-13.00	-40.97	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.96442G	-51.24	-13.00	-38.24	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.67	-13.00	-31.67	-	-

Band 4 LTE 5MHz 1TX
1732.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023

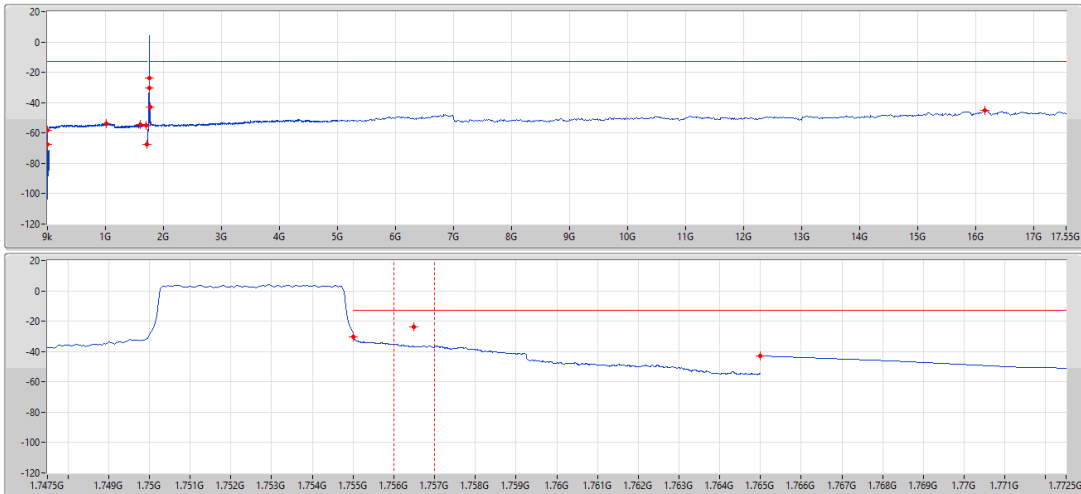


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	74.847k	-56.98	-13.00	-43.98	-	-
150k	30M	10k	30k	RMS	150k	-57.69	-13.00	-44.69	-	-
30M	1.5G	1M	3M	RMS	1.05018G	-53.71	-13.00	-40.71	-	-
1.5G	1.7G	1M	3M	RMS	1.6594G	-54.38	-13.00	-41.38	-	-
1.7G	1.709G	50k	200k	RMS	1.7035G	-55.03	-13.00	-42.03	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70975G	-67.79	-13.00	-54.79	-	-
1.715G	1.756G	50k	200k	RMS	1.75545G	-67.36	-13.00	-54.36	-	-
1.756G	1.765G	50k	200k	RMS	1.7645G	-54.87	-13.00	-41.87	MBW 1M	-
1.765G	5G	1M	3M	RMS	3.46014G	-49.73	-13.00	-36.73	-	-
5G	17.55G	1M	3M	RMS	16.1595G	-45.03	-13.00	-32.03	-	-

Band 4 LTE 5MHz 1TX
1752.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

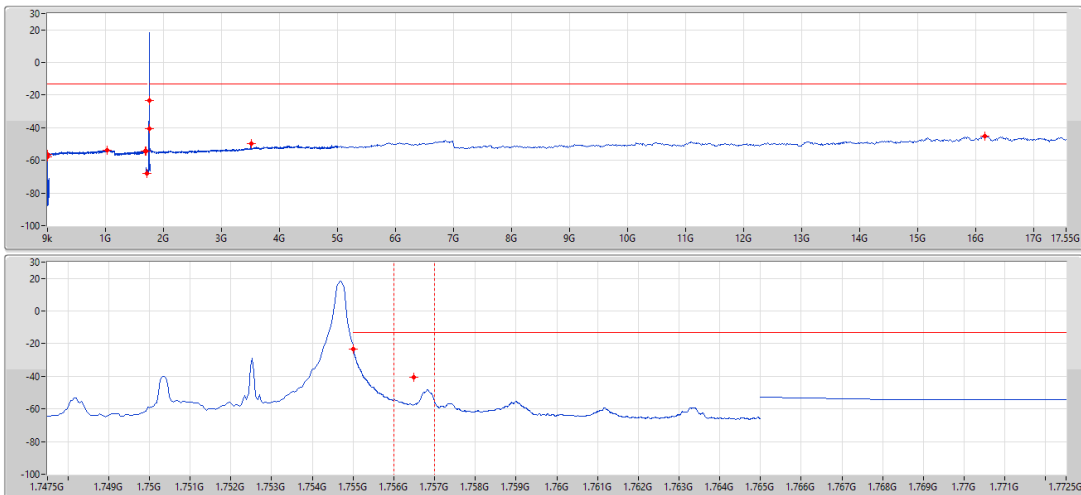


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	93.318k	-67.39	-13.00	-54.39	-	-
150k	30M	10k	30k	RMS	1.822M	-58.38	-13.00	-45.38	-	-
30M	1.5G	1M	3M	RMS	1.01343G	-53.80	-13.00	-40.80	-	-
1.5G	1.7G	1M	3M	RMS	1.5982G	-54.42	-13.00	-41.42	-	-
1.7G	1.709G	50k	200k	RMS	1.7025G	-55.11	-13.00	-42.11	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70937G	-67.59	-13.00	-54.59	-	-
1.755G	1.756G	50k	200k	RMS	1.755G	-30.28	-13.00	-17.28	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-23.66	-13.00	-10.66	MBW 1M	-
1.765G	5G	1M	3M	RMS	1.765G	-42.63	-13.00	-29.63	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.85	-13.00	-31.85	-	-

Band 4 LTE 5MHz 1TX
1752.5MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

26/04/2023

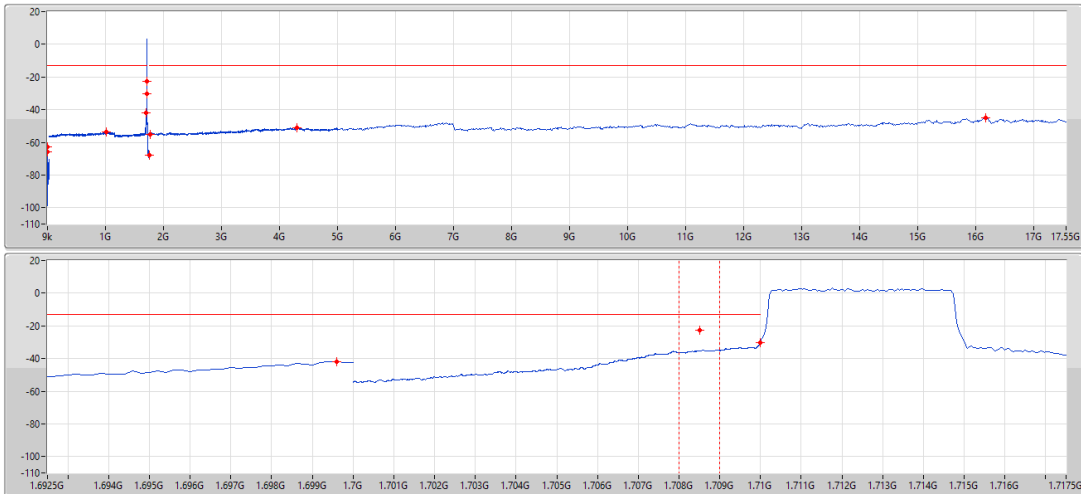


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.37k	-56.31	-13.00	-43.31	-	-
150k	30M	10k	30k	RMS	1.822M	-57.87	-13.00	-44.87	-	-
30M	1.5G	1M	3M	RMS	1.03401G	-53.64	-13.00	-40.64	-	-
1.5G	1.7G	1M	3M	RMS	1.6896G	-54.53	-13.00	-41.53	-	-
1.7G	1.709G	50k	200k	RMS	1.7015G	-54.40	-13.00	-41.40	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70985G	-67.94	-13.00	-54.94	-	-
1.755G	1.756G	50k	200k	RMS	1.755G	-23.46	-13.00	-10.46	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-40.41	-13.00	-27.41	MBW 1M	-
1.765G	5G	1M	3M	RMS	3.50867G	-49.89	-13.00	-36.89	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.92	-13.00	-31.92	-	-

Band 4_LTE_5MHz_1TX
1712.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

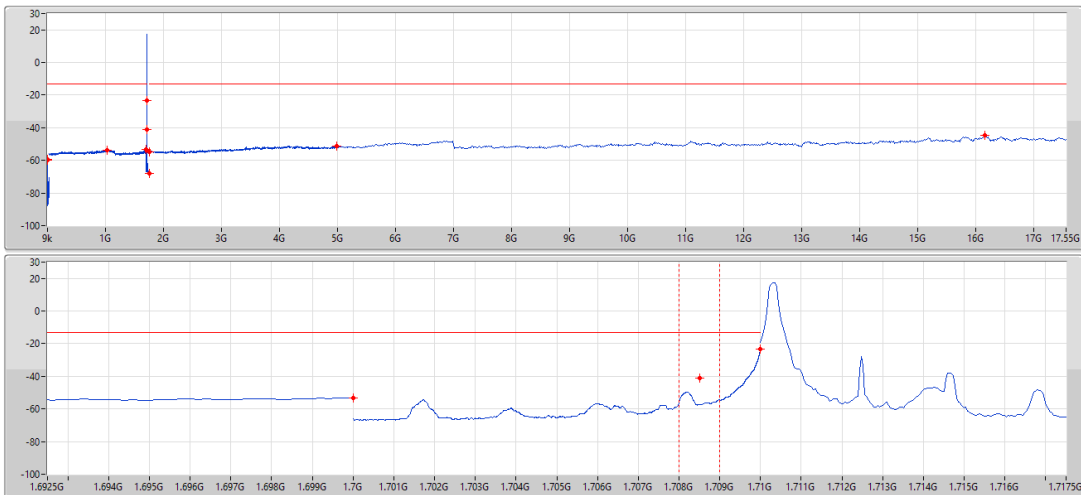


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	94.023k	-65.82	-13.00	-52.82	-	-
150k	30M	10k	30k	RMS	1.046M	-62.62	-13.00	-49.62	-	-
30M	1.5G	1M	3M	RMS	1.00902G	-53.72	-13.00	-40.72	-	-
1.5G	1.7G	1M	3M	RMS	1.6996G	-41.76	-13.00	-28.76	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-22.80	-13.00	-9.80	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.71G	-30.35	-13.00	-17.35	-	-
1.71G	1.715G	50k	200k	RMS	1.715999G	-67.60	-13.00	-54.60	-	-
1.715G	1.716G	50k	200k	RMS	1.71645G	-54.95	-13.00	-41.95	MBW 1M	-
1.716G	1.765G	1M	3M	RMS	4.29477G	-51.10	-13.00	-38.10	-	-
1.765G	5G	1M	3M	RMS	16.1695G	-44.96	-13.00	-31.96	-	-

Band 4_LTE_5MHz_1TX
1712.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

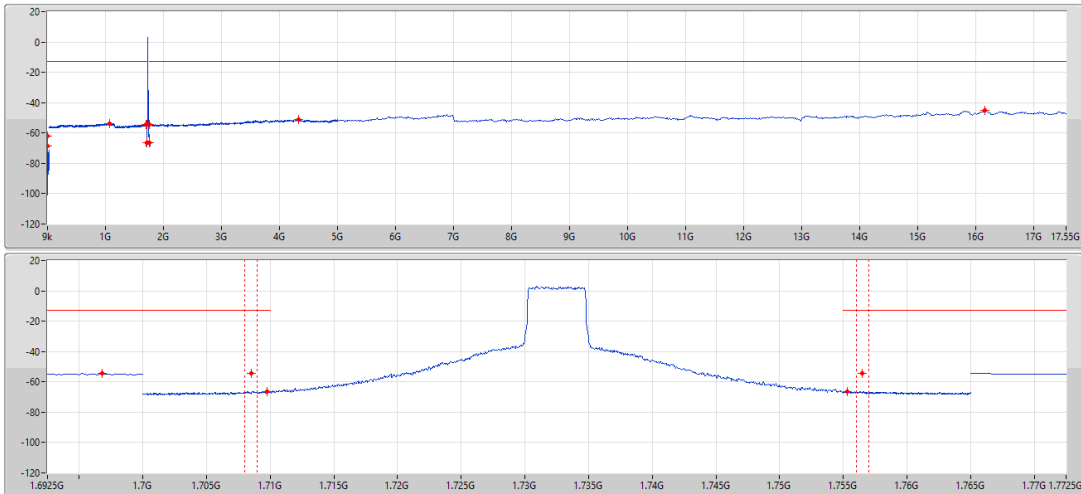


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	27.189k	-99.60	-13.00	-86.60	-	-
150k	30M	10k	30k	RMS	150k	-99.99	-13.00	-86.99	-	-
30M	1.5G	1M	3M	RMS	1.02225G	-53.76	-13.00	-40.76	-	-
1.5G	1.7G	1M	3M	RMS	1.7G	-53.04	-13.00	-40.04	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-41.01	-13.00	-28.01	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.71G	-23.51	-13.00	-10.51	-	-
1.71G	1.715G	50k	200k	RMS	1.71515G	-67.83	-13.00	-54.83	-	-
1.715G	1.716G	50k	200k	RMS	1.71605G	-55.05	-13.00	-42.05	MBW 1M	-
1.716G	1.765G	1M	3M	RMS	4.98383G	-51.03	-13.00	-38.03	-	-
1.765G	5G	1M	3M	RMS	16.1444G	-44.89	-13.00	-31.89	-	-

Band 4 LTE 5MHz 1TX
1732.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

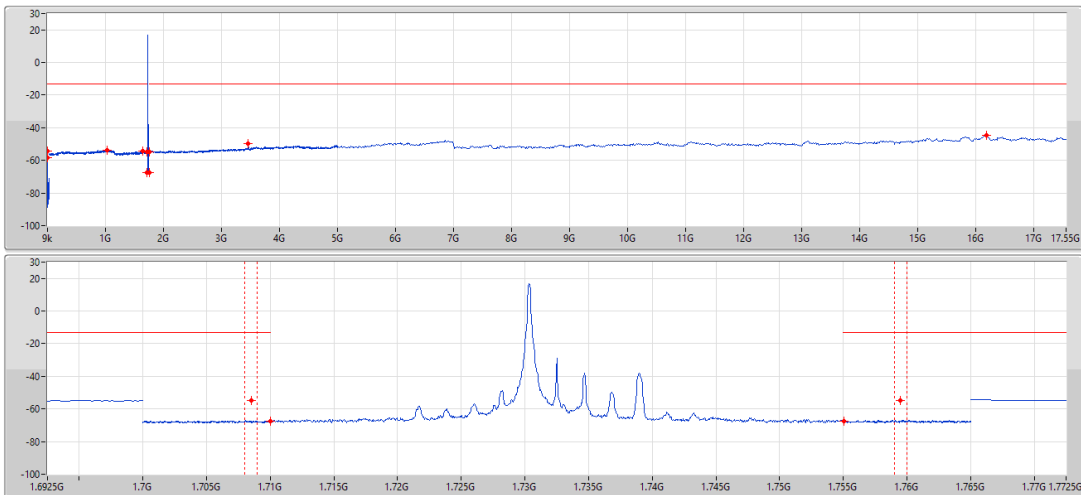


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	95.715k	-68.65	-13.00	-55.65	-	-
150k	30M	10k	30k	RMS	179.85k	-62.08	-13.00	-49.08	-	-
30M	1.5G	1M	3M	RMS	1.07223G	-53.91	-13.00	-40.91	-	-
1.5G	1.7G	1M	3M	RMS	1.6968G	-54.31	-13.00	-41.31	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-54.19	-13.00	-41.19	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70972G	-66.52	-13.00	-53.52	-	-
1.715G	1.756G	50k	200k	RMS	1.7553G	-66.25	-13.00	-53.25	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-54.32	-13.00	-41.32	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.33036G	-51.20	-13.00	-38.20	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.98	-13.00	-31.98	-	-

Band 4 LTE 5MHz 1TX
1732.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

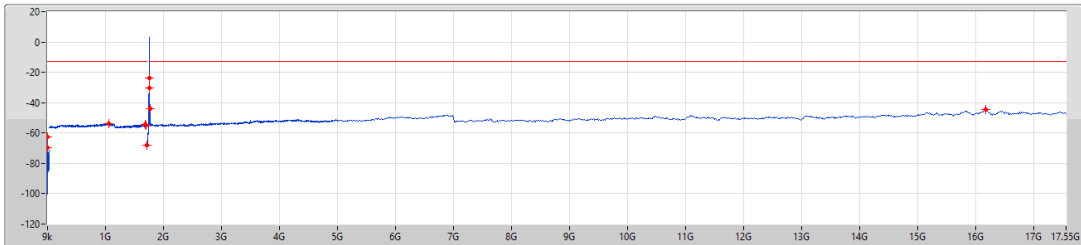


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	33.534k	-58.44	-13.00	-45.44	-	-
150k	30M	10k	30k	RMS	955.95k	-54.21	-13.00	-41.21	-	-
30M	1.5G	1M	3M	RMS	1.02813G	-53.71	-13.00	-40.71	-	-
1.5G	1.7G	1M	3M	RMS	1.647G	-54.28	-13.00	-41.28	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-55.00	-13.00	-42.00	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70999G	-67.55	-13.00	-54.55	-	-
1.715G	1.756G	50k	200k	RMS	1.75504G	-67.57	-13.00	-54.57	-	-
1.756G	1.765G	50k	200k	RMS	1.7595G	-54.68	-13.00	-41.68	MBW 1M	-
1.765G	5G	1M	3M	RMS	3.46014G	-49.72	-13.00	-36.72	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.61	-13.00	-31.61	-	-

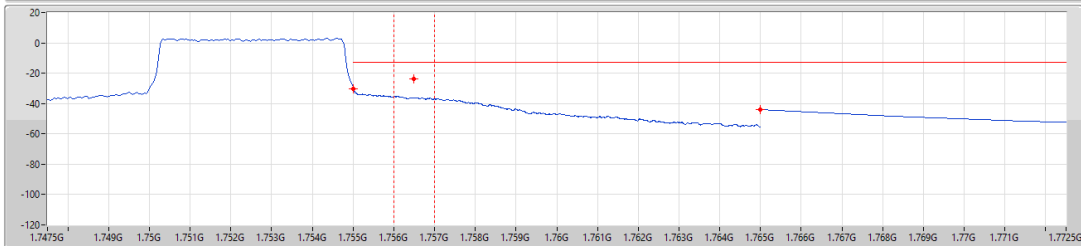
Band 4 LTE 5MHz 1TX
1752.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

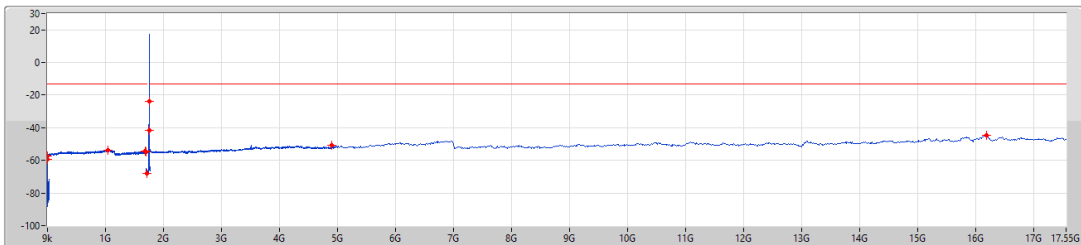


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	12.243k	-69.89	-13.00	-56.89	-	-
150k	30M	10k	30k	RMS	1.046M	-62.59	-13.00	-49.59	-	-
30M	1.5G	1M	3M	RMS	1.05165G	-53.81	-13.00	-40.81	-	-
1.5G	1.7G	1M	3M	RMS	1.6816G	-54.29	-13.00	-41.29	-	-
1.7G	1.709G	50k	200k	RMS	1.7025G	-55.19	-13.00	-42.19	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70988G	-67.90	-13.00	-54.90	-	-
1.755G	1.756G	50k	200k	RMS	1.755G	-30.53	-13.00	-17.53	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-23.58	-13.00	-10.58	MBW 1M	-
1.765G	5G	1M	3M	RMS	1.765G	-43.97	-13.00	-30.97	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.78	-13.00	-31.78	-	-

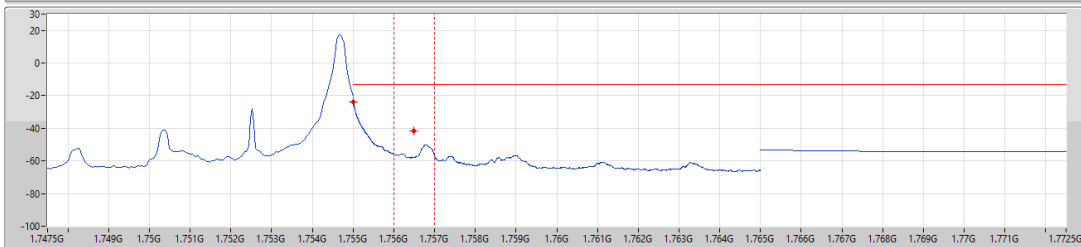
Band 4 LTE 5MHz 1TX
1752.5MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023



Limit
Port 1

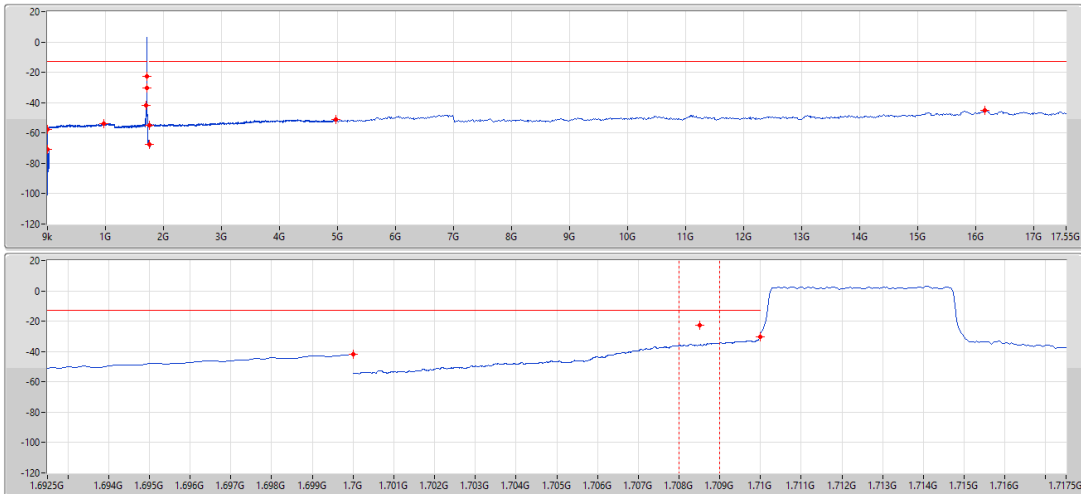


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	14.217k	-57.21	-13.00	-44.21	-	-
150k	30M	10k	30k	RMS	150k	-99.36	-13.00	-86.36	-	-
30M	1.5G	1M	3M	RMS	1.04136G	-53.99	-13.00	-40.99	-	-
1.5G	1.7G	1M	3M	RMS	1.6896G	-54.13	-13.00	-41.13	-	-
1.7G	1.709G	50k	200k	RMS	1.7015G	-54.65	-13.00	-41.65	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70945G	-67.81	-13.00	-54.81	-	-
1.755G	1.756G	50k	200k	RMS	1.755G	-23.58	-13.00	-10.58	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-41.63	-13.00	-28.63	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.90295G	-50.50	-13.00	-37.50	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.56	-13.00	-31.56	-	-

Band 4_LTE_5MHz_1TX
1712.5MHz_64QAM_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

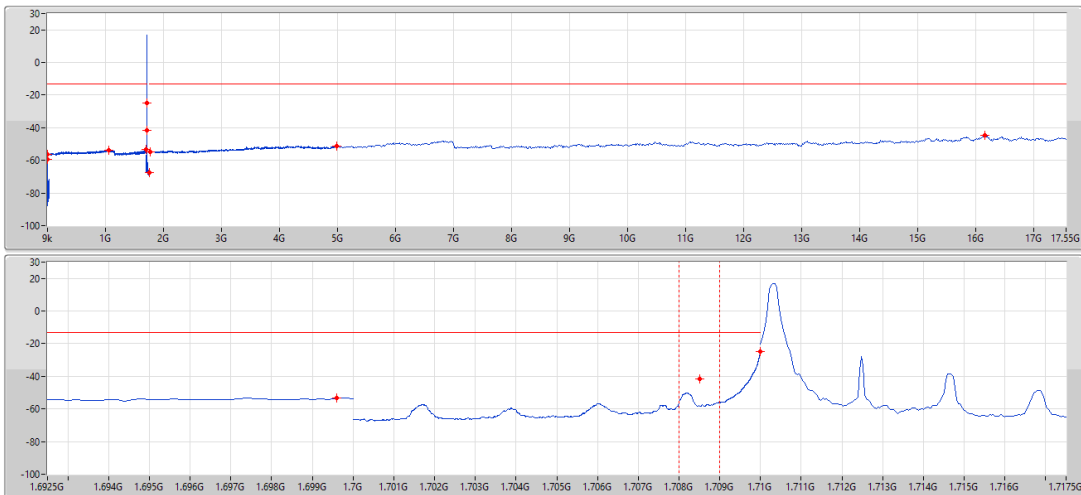


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	15.345k	-70.64	-13.00	-57.64	-	-
150k	30M	10k	30k	RMS	955.95k	-57.71	-13.00	-44.71	-	-
30M	1.5G	1M	3M	RMS	970.8M	-53.77	-13.00	-40.77	-	-
1.5G	1.7G	1M	3M	RMS	1.7G	-41.77	-13.00	-28.77	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-22.71	-13.00	-9.71	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.71G	-30.41	-13.00	-17.41	-	-
1.755G	1.756G	50k	200k	RMS	1.75517G	-67.47	-13.00	-54.47	-	-
1.756G	1.765G	50k	200k	RMS	1.7585G	-55.01	-13.00	-42.01	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.96785G	-51.16	-13.00	-38.16	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.97	-13.00	-31.97	-	-

Band 4_LTE_5MHz_1TX
1712.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

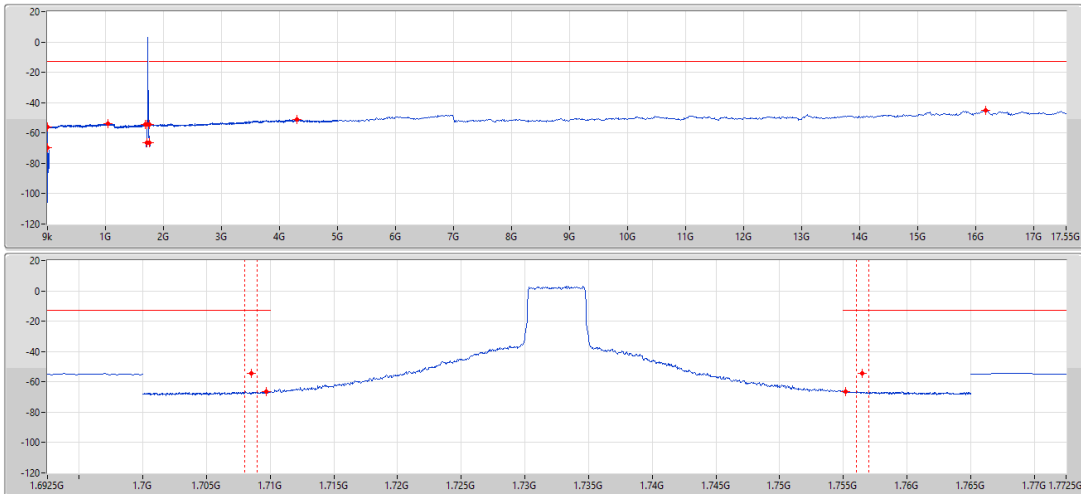


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.089k	-59.31	-13.00	-46.31	-	-
150k	30M	10k	30k	RMS	1.9711M	-56.38	-13.00	-43.38	-	-
30M	1.5G	1M	3M	RMS	1.05165G	-53.72	-13.00	-40.72	-	-
1.5G	1.7G	1M	3M	RMS	1.6996G	-53.14	-13.00	-40.14	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-41.72	-13.00	-28.72	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.71G	-24.85	-13.00	-11.85	-	-
1.755G	1.756G	50k	200k	RMS	1.75519G	-67.67	-13.00	-54.67	-	-
1.756G	1.765G	50k	200k	RMS	1.7645G	-55.02	-13.00	-42.02	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.9903G	-51.11	-13.00	-38.11	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.63	-13.00	-31.63	-	-

Band 4 LTE 5MHz 1TX
1732.5MHz_64QAM_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

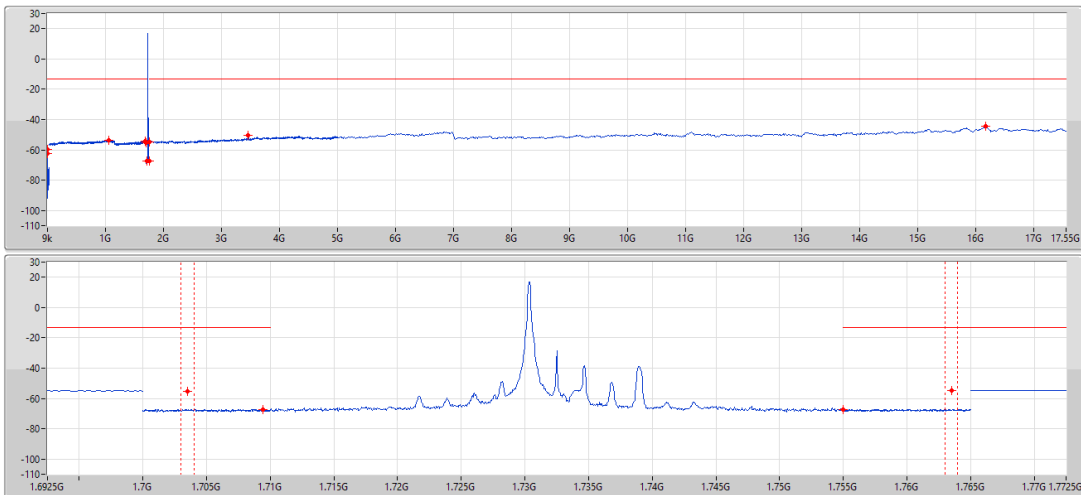


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	96.138k	-69.69	-13.00	-56.69	-	-
150k	30M	10k	30k	RMS	955.95k	-56.04	-13.00	-43.04	-	-
30M	1.5G	1M	3M	RMS	1.0443G	-53.84	-13.00	-40.84	-	-
1.5G	1.7G	1M	3M	RMS	1.69G	-54.17	-13.00	-41.17	-	-
1.7G	1.709G	50k	200k	RMS	1.7085G	-54.40	-13.00	-41.40	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70971G	-66.62	-13.00	-53.62	-	-
1.71G	1.755G	50k	200k	RMS	1.75518G	-66.47	-13.00	-53.47	-	-
1.755G	1.765G	50k	200k	RMS	1.7565G	-54.36	-13.00	-41.36	MBW 1M	-
1.765G	5G	1M	3M	RMS	4.28001G	-51.16	-13.00	-38.16	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.99	-13.00	-31.99	-	-

Band 4 LTE 5MHz 1TX
1732.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

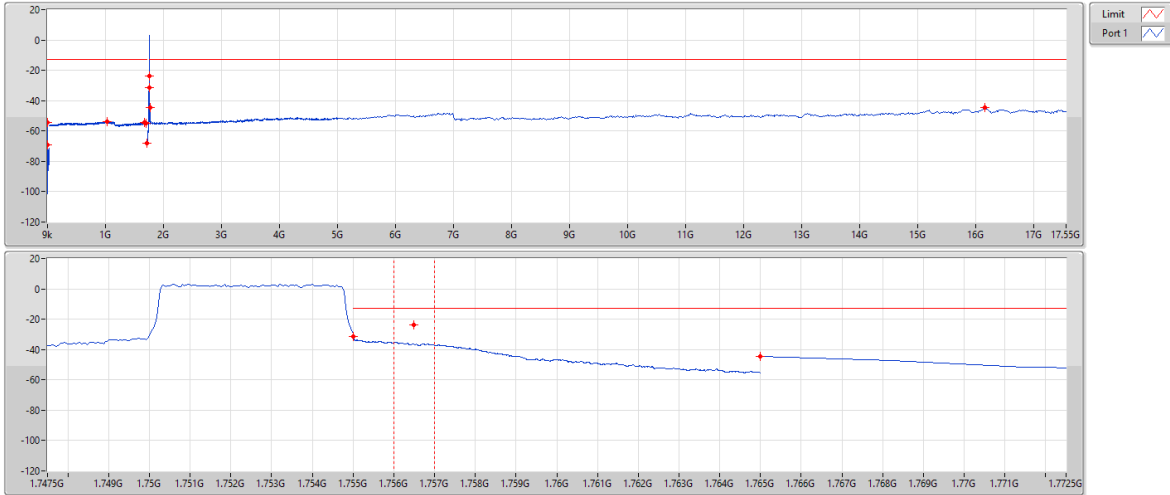


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	88.383k	-99.50	-13.00	-86.50	-	-
150k	30M	10k	30k	RMS	150k	-62.46	-13.00	-49.46	-	-
30M	1.5G	1M	3M	RMS	1.05312G	-53.78	-13.00	-40.78	-	-
1.5G	1.7G	1M	3M	RMS	1.6898G	-54.25	-13.00	-41.25	-	-
1.7G	1.709G	50k	200k	RMS	1.7035G	-55.05	-13.00	-42.05	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70943G	-67.61	-13.00	-54.61	-	-
1.71G	1.755G	50k	200k	RMS	1.75502G	-67.24	-13.00	-54.24	-	-
1.755G	1.765G	50k	200k	RMS	1.7635G	-54.03	-13.00	-41.03	MBW 1M	-
1.765G	5G	1M	3M	RMS	3.46014G	-50.39	-13.00	-37.39	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.61	-13.00	-31.61	-	-

Band 4 LTE 5MHz 1TX
1752.5MHz_64QAM_RB 25,#RB 0

CSE-TX-Sum

26/04/2023

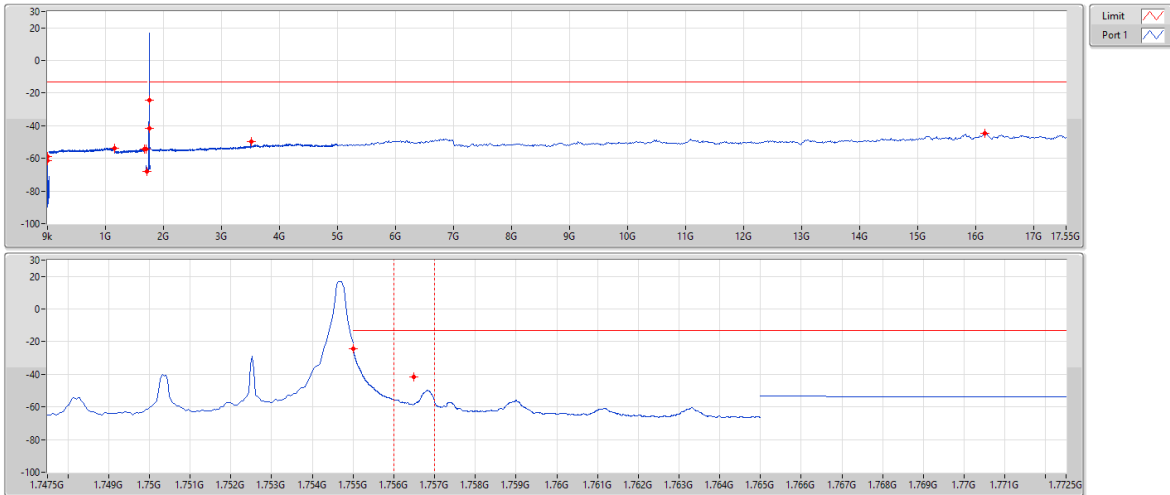


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.639k	-69.07	-13.00	-56.07	-	-
150k	30M	10k	30k	RMS	926.1k	-54.54	-13.00	-41.54	-	-
30M	1.5G	1M	3M	RMS	1.02372G	-53.57	-13.00	-40.57	-	-
1.5G	1.7G	1M	3M	RMS	1.6722G	-54.30	-13.00	-41.30	-	-
1.7G	1.709G	50k	200k	RMS	1.7035G	-55.16	-13.00	-42.16	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70926G	-67.82	-13.00	-54.82	-	-
1.755G	1.756G	50k	200k	RMS	1.755G	-31.42	-13.00	-18.42	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-23.62	-13.00	-10.62	MBW 1M	-
1.765G	5G	1M	3M	RMS	1.765G	-44.48	-13.00	-31.48	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.72	-13.00	-31.72	-	-

Band 4 LTE 5MHz 1TX
1752.5MHz_64QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023

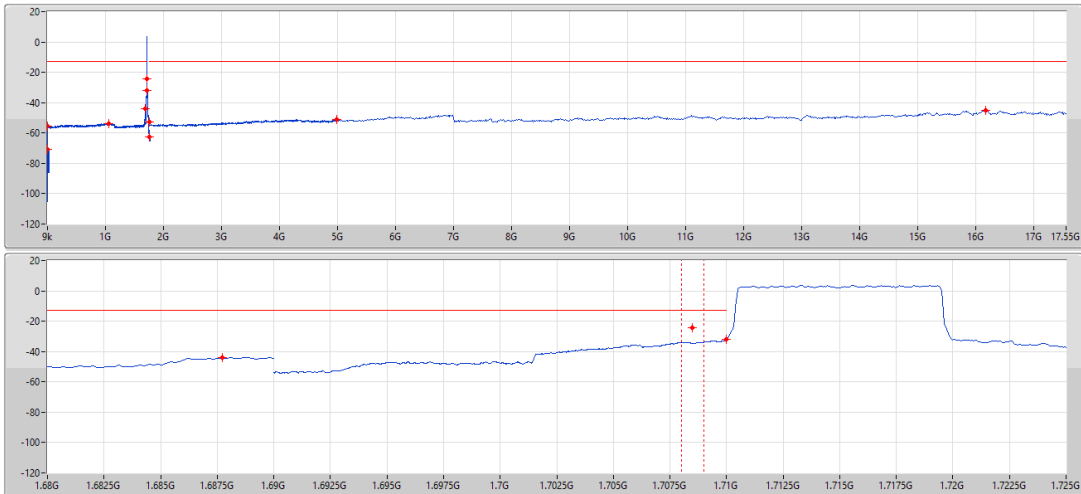


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	91.626k	-99.09	-13.00	-46.09	-	-
150k	30M	10k	30k	RMS	1.075M	-61.39	-13.00	-48.39	-	-
30M	1.5G	1M	3M	RMS	1.15014G	-53.84	-13.00	-40.84	-	-
1.5G	1.7G	1M	3M	RMS	1.6738G	-54.34	-13.00	-41.34	-	-
1.7G	1.709G	50k	200k	RMS	1.7015G	-54.53	-13.00	-41.53	MBW 1M	-
1.709G	1.71G	50k	200k	RMS	1.70952G	-67.93	-13.00	-54.93	-	-
1.755G	1.756G	50k	200k	RMS	1.755G	-24.34	-13.00	-11.34	-	-
1.756G	1.765G	50k	200k	RMS	1.7565G	-41.61	-13.00	-28.61	MBW 1M	-
1.765G	5G	1M	3M	RMS	3.50867G	-49.98	-13.00	-36.98	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.76	-13.00	-31.76	-	-

Band 4_LTE_10MHz_1TX
1715MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum

26/04/2023

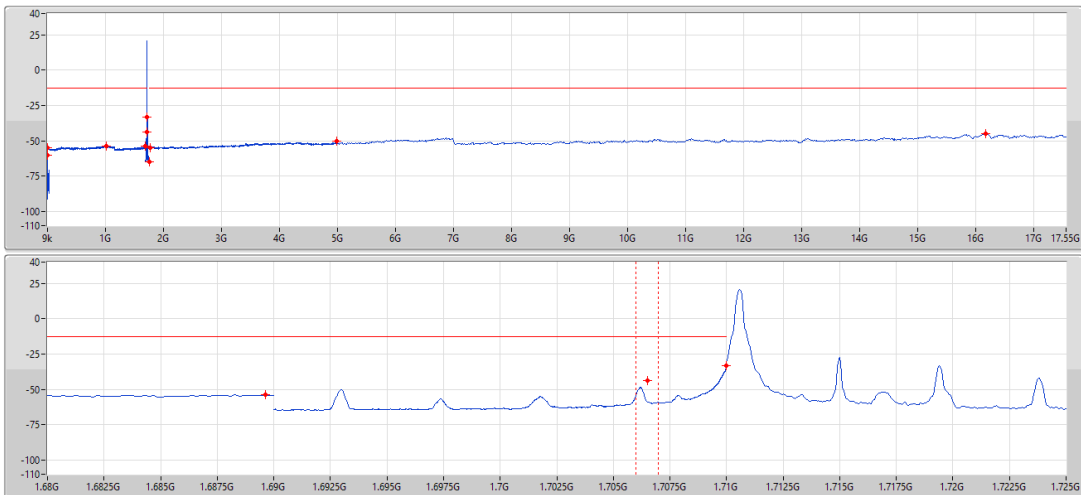


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	18.729k	-70.93	-13.00	-57.93	-	-
150k	30M	10k	30k	RMS	1.971M	-55.62	-13.00	-42.62	-	-
30M	1.5G	1M	3M	RMS	1.06194G	-53.74	-13.00	-40.74	-	-
1.5G	1.69G	1M	3M	RMS	1.68772G	-44.07	-13.00	-31.07	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-24.52	-13.00	-11.52	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-32.09	-13.00	-19.09	-	-
1.71G	1.755G	100k	300k	RMS	1.755G	-62.55	-13.00	-49.55	-	-
1.755G	1.756G	100k	300k	RMS	1.756G	-52.73	-13.00	-39.73	MBW 1M	-
1.756G	1.775G	1M	3M	RMS	4.99033G	-51.18	-13.00	-38.18	-	-
1.775G	5G	1M	3M	RMS	16.1695G	-44.83	-13.00	-31.83	-	-

Band 4_LTE_10MHz_1TX
1715MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023

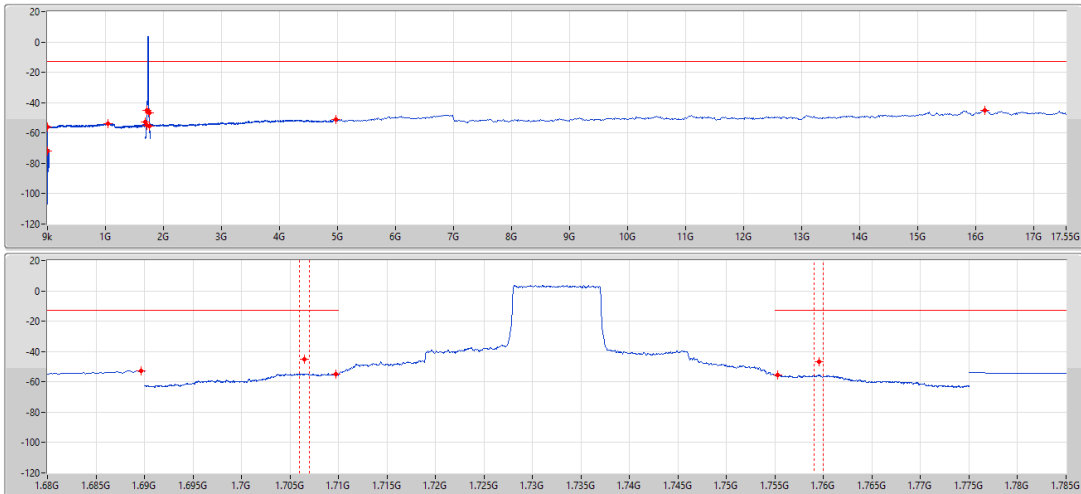


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	118.134k	-60.10	-13.00	-47.10	-	-
150k	30M	10k	30k	RMS	1.911M	-54.76	-13.00	-41.76	-	-
30M	1.5G	1M	3M	RMS	1.01196G	-53.77	-13.00	-40.77	-	-
1.5G	1.69G	1M	3M	RMS	1.68962G	-53.86	-13.00	-40.86	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-44.00	-13.00	-31.00	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-33.51	-13.00	-20.51	-	-
1.71G	1.756G	100k	300k	RMS	1.75551G	-64.59	-13.00	-51.59	-	-
1.756G	1.775G	100k	300k	RMS	1.7725G	-54.78	-13.00	-41.78	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.99033G	-50.39	-13.00	-37.39	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.85	-13.00	-31.85	-	-

Band 4_LTE_10MHz_1TX
1732.5MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum

26/04/2023



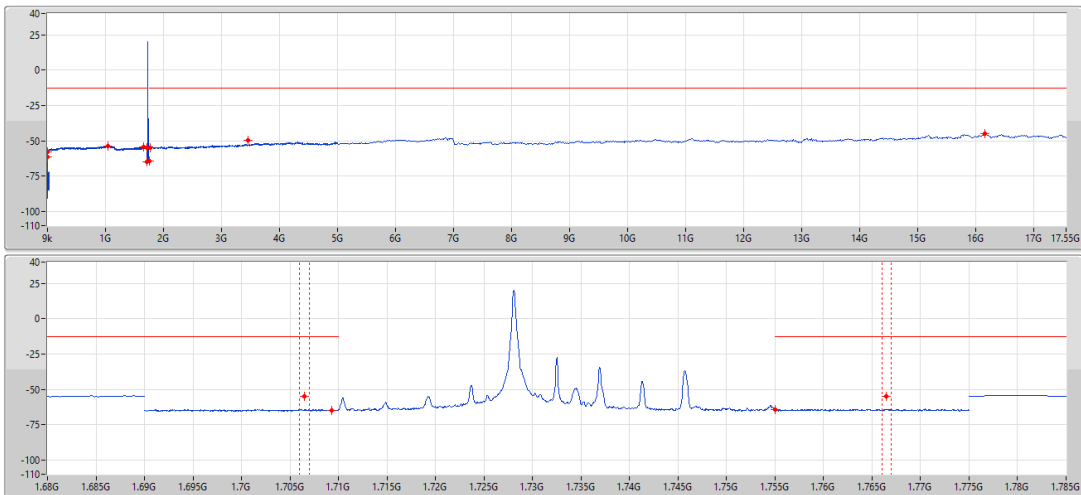
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	16.191k	-71.65	-13.00	-58.65	-	-
150k	30M	10k	30k	RMS	1.822M	-56.00	-13.00	-43.00	-	-
30M	1.5G	1M	3M	RMS	1.03548G	-53.89	-13.00	-40.89	-	-
1.5G	1.69G	1M	3M	RMS	1.68962G	-52.77	-13.00	-39.77	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-45.30	-13.00	-32.30	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.70971G	-54.75	-13.00	-41.75	-	-
1.71G	1.756G	100k	300k	RMS	1.75531G	-55.32	-13.00	-42.32	-	-
1.756G	1.775G	100k	300k	RMS	1.7595G	-46.50	-13.00	-33.50	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.96453G	-51.30	-13.00	-38.30	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-45.07	-13.00	-32.07	-	-

Band 4_LTE_10MHz_1TX
1732.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023



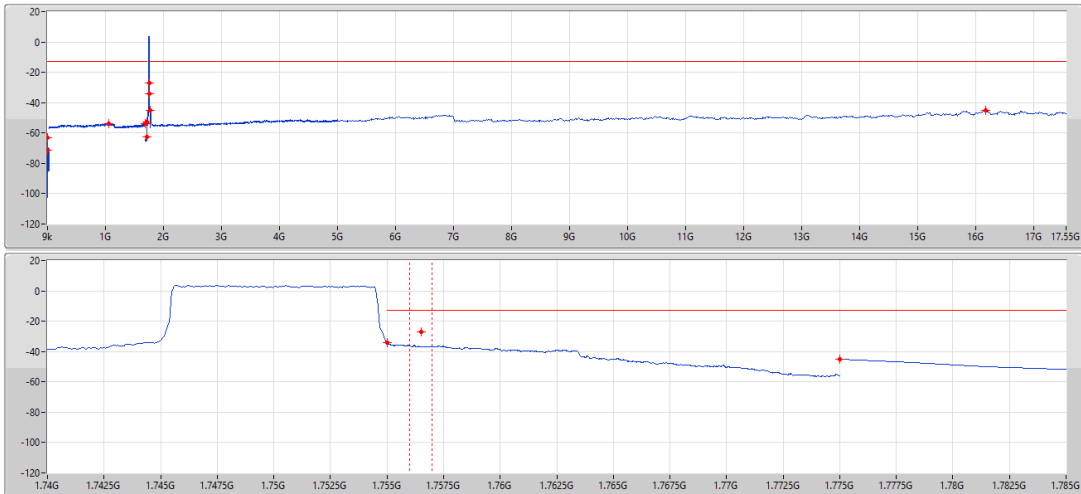
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	86.832k	-57.59	-13.00	-44.59	-	-
150k	30M	10k	30k	RMS	866.4k	-61.27	-13.00	-48.27	-	-
30M	1.5G	1M	3M	RMS	1.03842G	-53.58	-13.00	-40.58	-	-
1.5G	1.69G	1M	3M	RMS	1.65181G	-54.42	-13.00	-41.42	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-54.87	-13.00	-41.87	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.7099G	-64.72	-13.00	-51.72	-	-
1.71G	1.756G	100k	300k	RMS	1.755G	-64.45	-13.00	-51.45	-	-
1.756G	1.775G	100k	300k	RMS	1.7665G	-54.78	-13.00	-41.78	MBW 1M	-
1.775G	5G	1M	3M	RMS	3.45523G	-49.73	-13.00	-36.73	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-45.12	-13.00	-32.12	-	-

Band 4_LTE_10MHz_1TX
1750MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum

26/04/2023

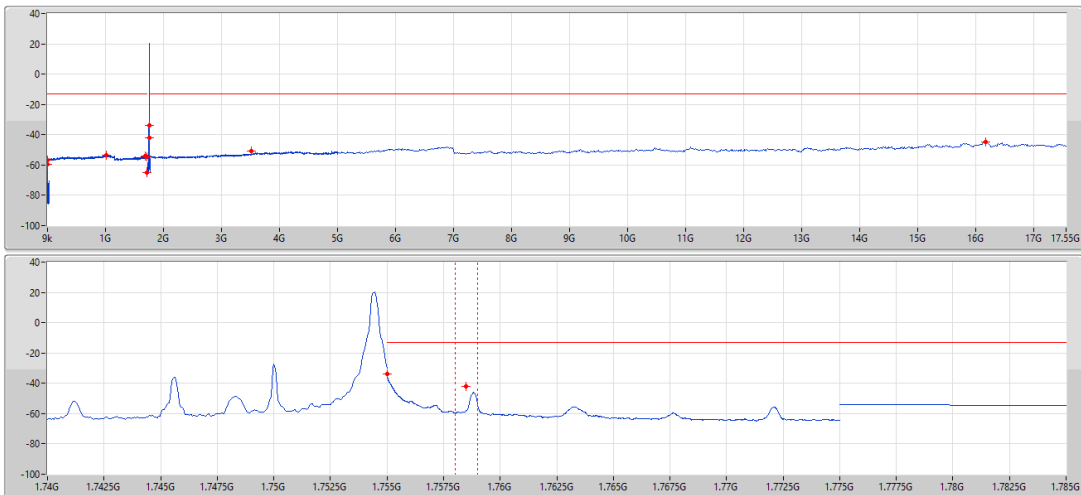


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	9k	-71.36	-13.00	-58.36	-	-
150k	30M	10k	30k	RMS	1.732M	-63.07	-13.00	-50.07	-	-
30M	1.5G	1M	3M	RMS	1.05006G	-53.81	-13.00	-40.81	-	-
1.5G	1.69G	1M	3M	RMS	1.68734G	-54.02	-13.00	-41.02	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-52.64	-13.00	-39.64	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.70983G	-62.35	-13.00	-49.35	-	-
1.71G	1.756G	100k	300k	RMS	1.755G	-34.16	-13.00	-21.16	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-26.91	-13.00	-13.91	MBW 1M	-
1.775G	5G	1M	3M	RMS	1.775G	-45.00	-13.00	-32.00	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-45.02	-13.00	-32.02	-	-

Band 4_LTE_10MHz_1TX
1750MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

26/04/2023

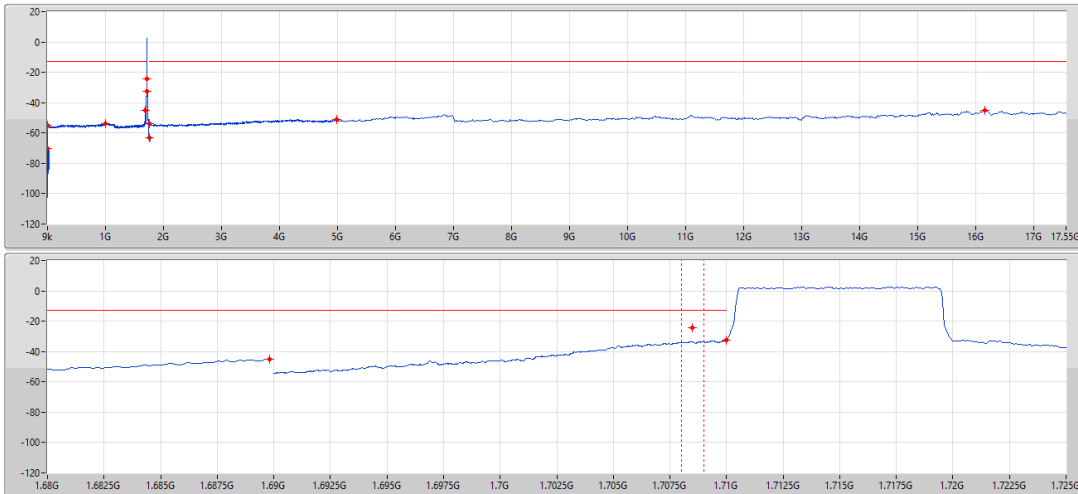


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	78.513k	-96.68	-13.00	-43.68	-	-
150k	30M	10k	30k	RMS	150k	-99.50	-13.00	-46.50	-	-
30M	1.5G	1M	3M	RMS	1.01343G	-53.71	-13.00	-40.71	-	-
1.5G	1.69G	1M	3M	RMS	1.68981G	-54.09	-13.00	-41.09	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-54.46	-13.00	-41.46	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-64.95	-13.00	-51.95	-	-
1.71G	1.756G	100k	300k	RMS	1.755G	-33.95	-13.00	-20.95	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-41.87	-13.00	-28.87	MBW 1M	-
1.775G	5G	1M	3M	RMS	3.51005G	-50.56	-13.00	-37.56	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.78	-13.00	-31.78	-	-

Band 4_LTE_10MHz_1TX
1715MHz_16QAM_RB 50,#RB 0

CSE-TX-Sum

26/04/2023

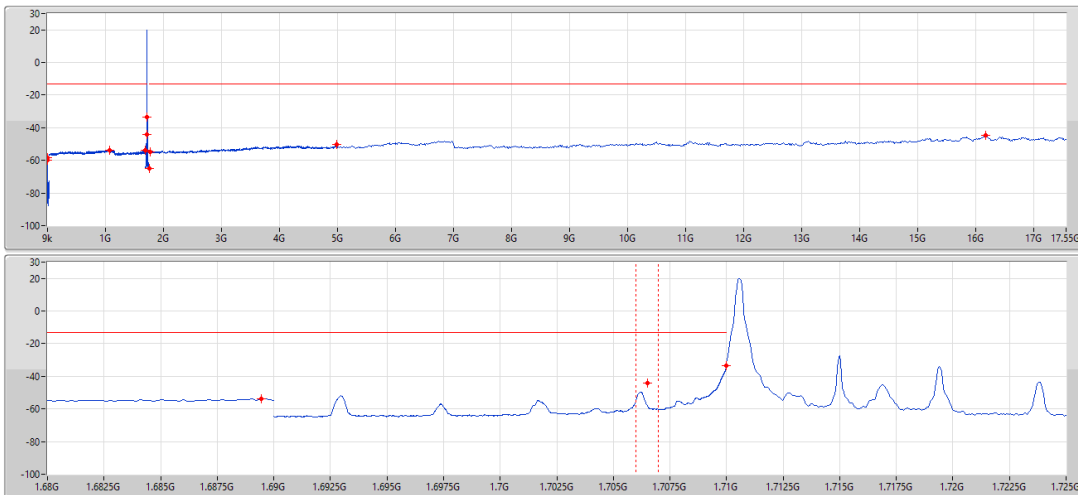


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	19.434k	-70.16	-13.00	-57.16	-	-
150k	30M	10k	30k	RMS	955.95k	-55.01	-13.00	-42.01	-	-
30M	1.5G	1M	3M	RMS	1.00461G	-53.83	-13.00	-40.83	-	-
1.5G	1.69G	1M	3M	RMS	1.68981G	-44.95	-13.00	-31.95	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-24.20	-13.00	-11.20	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-32.43	-13.00	-19.43	-	-
1.715G	1.756G	100k	300k	RMS	1.75575G	-63.22	-13.00	-50.22	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-53.79	-13.00	-40.79	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.99033G	-51.06	-13.00	-38.06	-	-
5G	17.55G	1M	3M	RMS	16.16959G	-44.85	-13.00	-31.85	-	-

Band 4_LTE_10MHz_1TX
1715MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

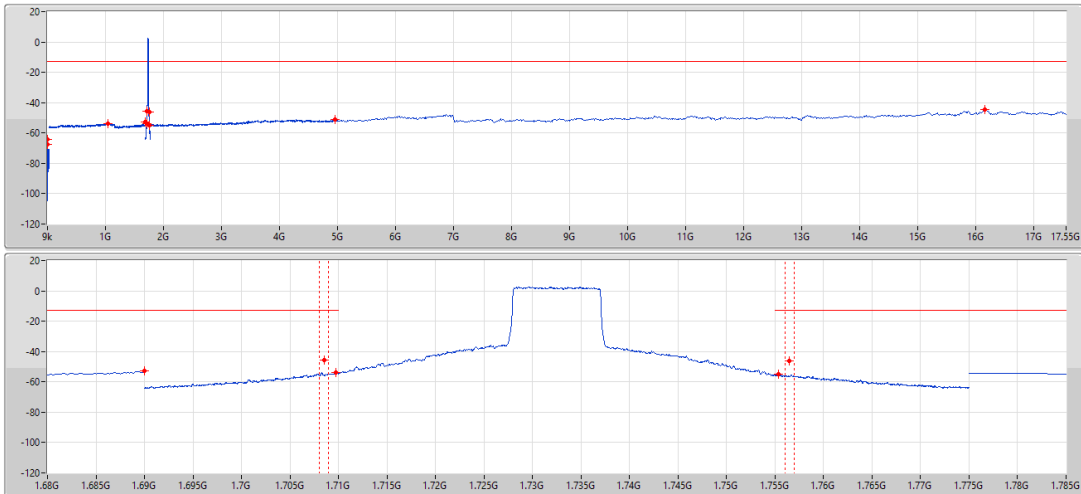


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	55.671k	-58.22	-13.00	-45.22	-	-
150k	30M	10k	30k	RMS	1.732M	-59.81	-13.00	-46.81	-	-
30M	1.5G	1M	3M	RMS	1.06782G	-53.62	-13.00	-40.62	-	-
1.5G	1.69G	1M	3M	RMS	1.68943G	-53.59	-13.00	-40.59	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-44.38	-13.00	-31.38	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-33.39	-13.00	-20.39	-	-
1.715G	1.756G	100k	300k	RMS	1.75514G	-64.91	-13.00	-51.91	-	-
1.756G	1.775G	100k	300k	RMS	1.7685G	-54.61	-13.00	-41.61	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.99033G	-50.44	-13.00	-37.44	-	-
5G	17.55G	1M	3M	RMS	16.16959G	-44.76	-13.00	-31.76	-	-

Band 4_LTE_10MHz_1TX
1732.5MHz_16QAM_RB 50,#RB 0

CSE-TX-Sum

26/04/2023

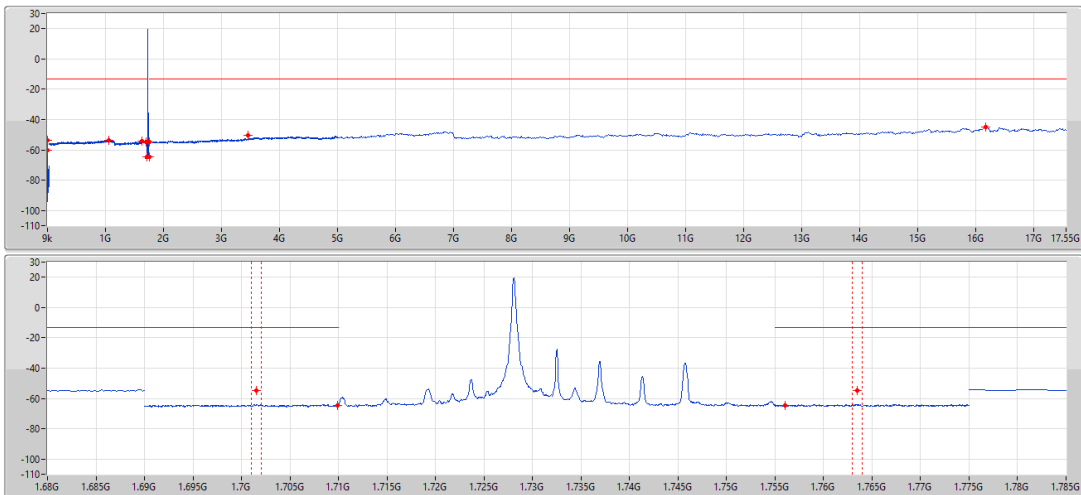


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	92.754k	-67.72	-13.00	-54.72	-	-
150k	30M	10k	30k	RMS	1.046M	-64.20	-13.00	-51.20	-	-
30M	1.5G	1M	3M	RMS	1.0443G	-53.77	-13.00	-40.77	-	-
1.5G	1.69G	1M	3M	RMS	1.69G	-52.73	-13.00	-39.73	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-45.47	-13.00	-32.47	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.70971G	-54.05	-13.00	-41.05	-	-
1.71G	1.756G	100k	300k	RMS	1.75532G	-55.06	-13.00	-42.06	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-46.44	-13.00	-33.44	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.9484G	-51.15	-13.00	-38.15	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.79	-13.00	-31.79	-	-

Band 4_LTE_10MHz_1TX
1732.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

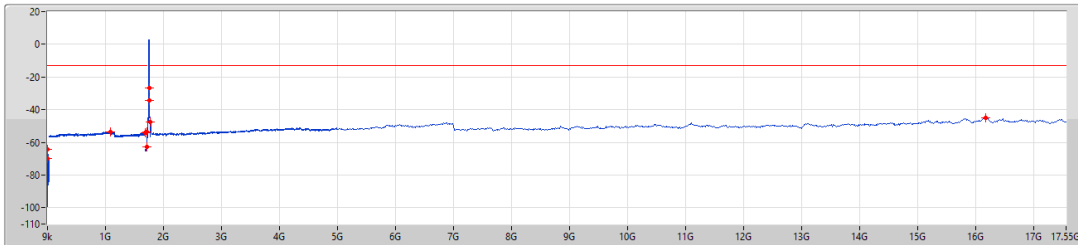


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	81.615k	-60.08	-13.00	-47.08	-	-
150k	30M	10k	30k	RMS	1.971M	-53.77	-13.00	-40.77	-	-
30M	1.5G	1M	3M	RMS	1.05165G	-53.92	-13.00	-40.92	-	-
1.5G	1.69G	1M	3M	RMS	1.62141G	-54.31	-13.00	-41.31	-	-
1.69G	1.709G	100k	300k	RMS	1.7015G	-54.82	-13.00	-41.82	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.70999G	-64.61	-13.00	-51.61	-	-
1.71G	1.756G	100k	300k	RMS	1.759G	-64.54	-13.00	-51.54	-	-
1.756G	1.775G	100k	300k	RMS	1.7635G	-54.75	-13.00	-41.75	MBW 1M	-
1.775G	5G	1M	3M	RMS	3.45523G	-50.34	-13.00	-37.34	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.77	-13.00	-31.77	-	-

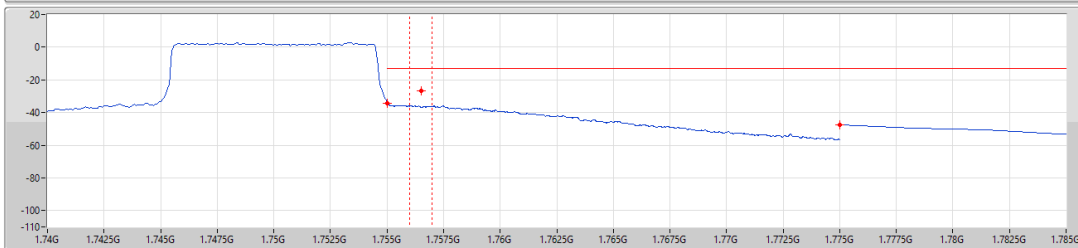
Band 4_LTE_10MHz_1TX
1750MHz_16QAM_RB 50,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

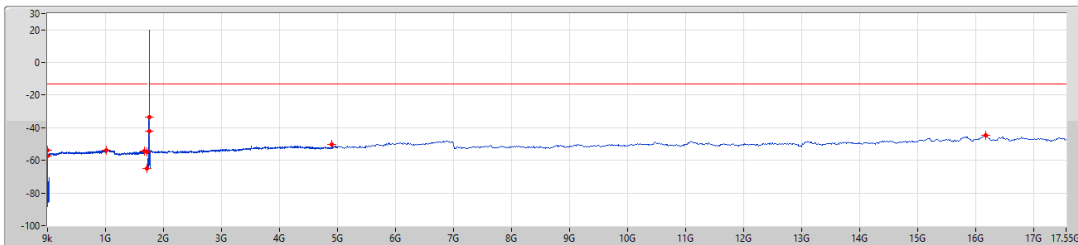


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.934k	-69.92	-13.00	-56.92	-	-
150k	30M	10k	30k	RMS	179.85k	-64.48	-13.00	-51.48	-	-
30M	1.5G	1M	3M	RMS	1.08105G	-53.54	-13.00	-40.54	-	-
1.5G	1.69G	1M	3M	RMS	1.68411G	-54.36	-13.00	-41.36	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-53.56	-13.00	-40.56	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-62.88	-13.00	-49.88	-	-
1.755G	1.756G	100k	300k	RMS	1.755G	-34.34	-13.00	-21.34	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-26.60	-13.00	-13.60	MBW 1M	-
1.775G	5G	1M	3M	RMS	1.775G	-47.75	-13.00	-34.75	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.97	-13.00	-31.97	-	-

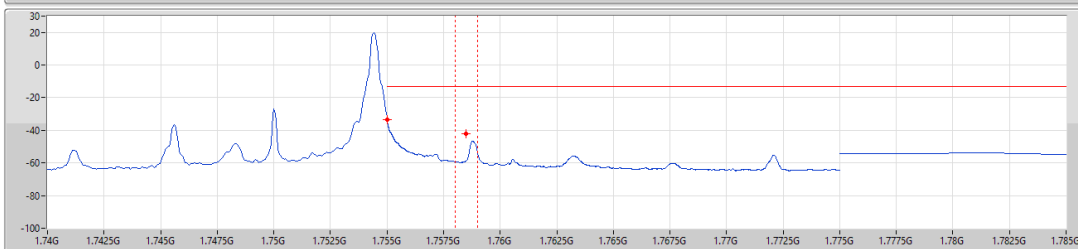
Band 4_LTE_10MHz_1TX
1750MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

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Limit
Port 1

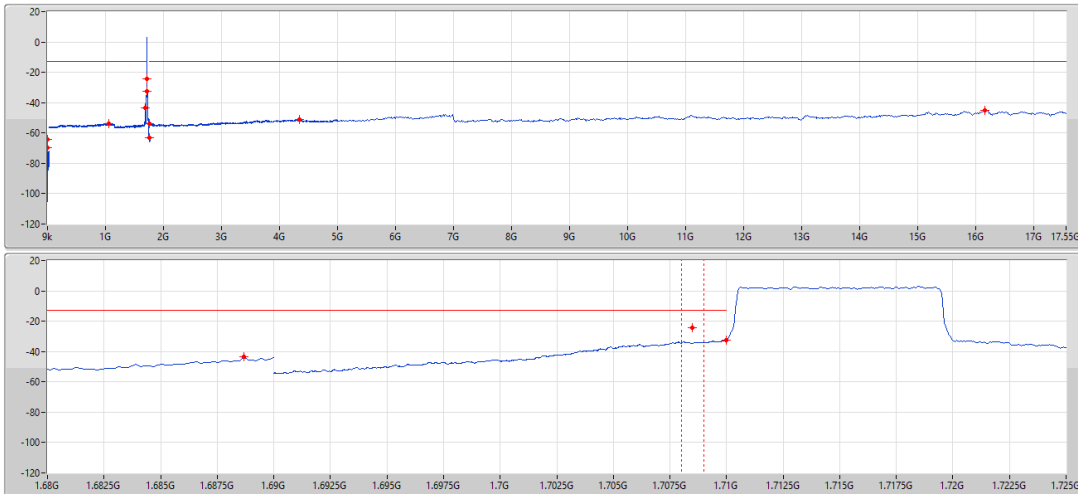


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	58.068k	-57.09	-13.00	-44.09	-	-
150k	30M	10k	30k	RMS	1.911M	-53.59	-13.00	-40.59	-	-
30M	1.5G	1M	3M	RMS	1.02078G	-53.78	-13.00	-40.78	-	-
1.5G	1.69G	1M	3M	RMS	1.66967G	-54.23	-13.00	-41.23	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-54.67	-13.00	-41.67	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.70915G	-65.01	-13.00	-52.01	-	-
1.755G	1.756G	100k	300k	RMS	1.755G	-33.46	-13.00	-20.46	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-42.34	-13.00	-29.24	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.90325G	-50.44	-13.00	-37.44	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.81	-13.00	-31.81	-	-

Band 4_LTE_10MHz_1TX
1715MHz_64QAM_RB 50,#RB 0

CSE-TX-Sum

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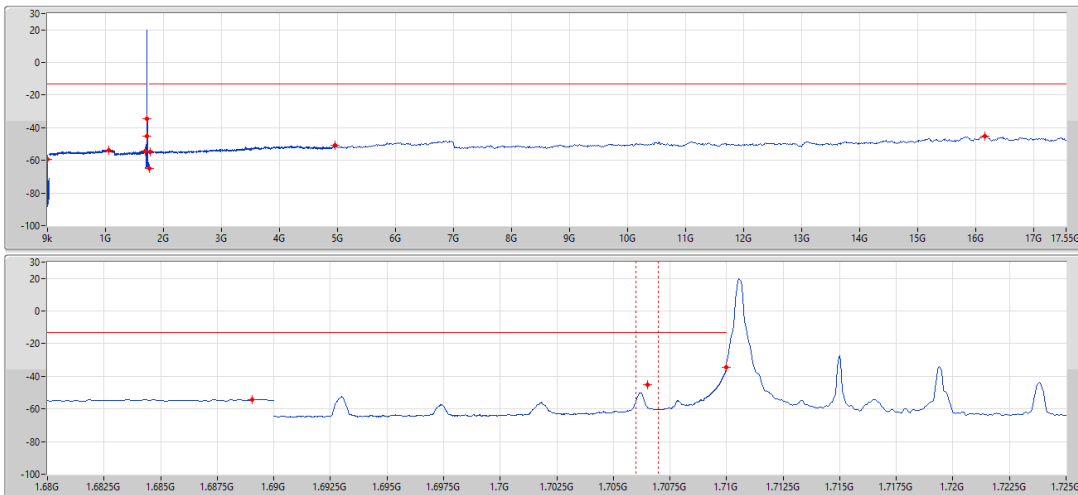


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.229k	-69.61	-13.00	-56.61	-	-
150k	30M	10k	30k	RMS	1.046M	-64.29	-13.00	-51.29	-	-
30M	1.5G	1M	3M	RMS	1.05018G	-53.88	-13.00	-40.88	-	-
1.5G	1.69G	1M	3M	RMS	1.68867G	-43.69	-13.00	-30.69	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-24.40	-13.00	-11.40	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-32.49	-13.00	-19.49	-	-
1.715G	1.756G	100k	300k	RMS	1.75575G	-63.12	-13.00	-50.12	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-53.83	-13.00	-40.83	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.3421G	-51.20	-13.00	-38.20	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.99	-13.00	-31.99	-	-

Band 4_LTE_10MHz_1TX
1715MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

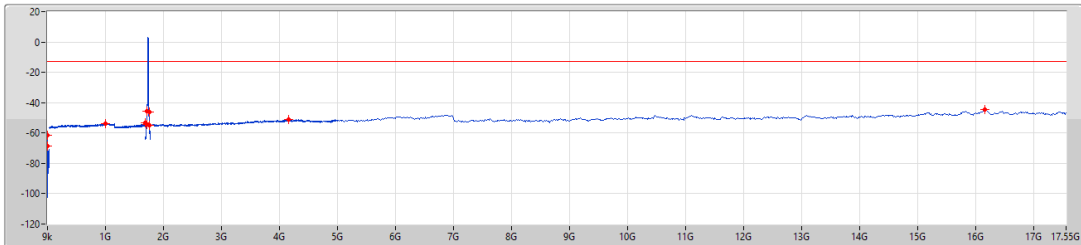


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.089k	-99.61	-13.00	-86.61	-	-
150k	30M	10k	30k	RMS	1.762M	-99.21	-13.00	-86.21	-	-
30M	1.5G	1M	3M	RMS	1.05459G	-53.76	-13.00	-40.76	-	-
1.5G	1.69G	1M	3M	RMS	1.68905G	-54.18	-13.00	-41.18	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-45.00	-13.00	-32.00	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-34.66	-13.00	-21.66	-	-
1.715G	1.756G	100k	300k	RMS	1.75519G	-64.96	-13.00	-51.96	-	-
1.756G	1.775G	100k	300k	RMS	1.7725G	-54.81	-13.00	-41.81	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.9613G	-50.92	-13.00	-37.92	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.92	-13.00	-31.92	-	-

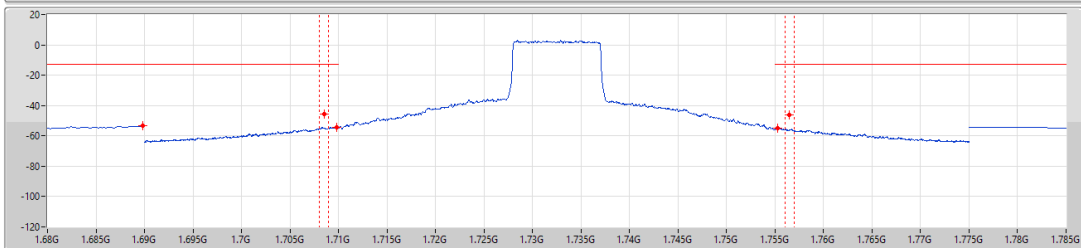
Band 4_LTE_10MHz_1TX
1732.5MHz_64QAM_RB 50,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

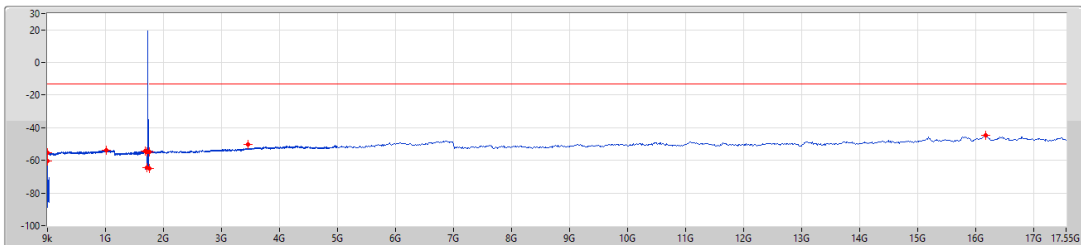


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.371k	-68.85	-13.00	-55.85	-	-
150k	30M	10k	30k	RMS	1.702M	-61.35	-13.00	-48.35	-	-
30M	1.5G	1M	3M	RMS	1.0002G	-53.69	-13.00	-40.69	-	-
1.5G	1.69G	1M	3M	RMS	1.68981G	-53.16	-13.00	-40.16	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-45.36	-13.00	-32.36	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.7098G	-54.12	-13.00	-41.12	-	-
1.71G	1.756G	100k	300k	RMS	1.7553G	-54.94	-13.00	-41.94	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-46.41	-13.00	-33.41	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.1615G	-50.90	-13.00	-37.90	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.50	-13.00	-31.50	-	-

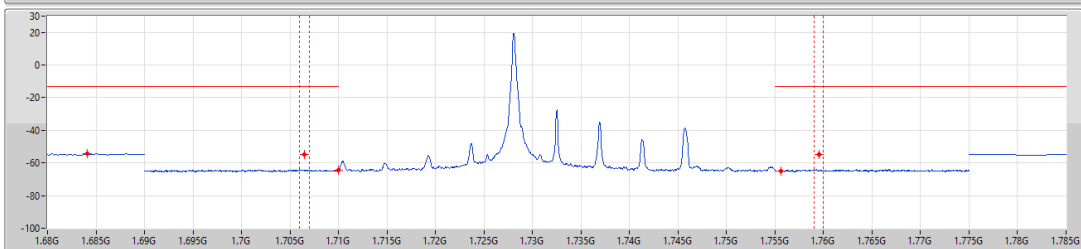
Band 4_LTE_10MHz_1TX
1732.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023



Limit
Port 1

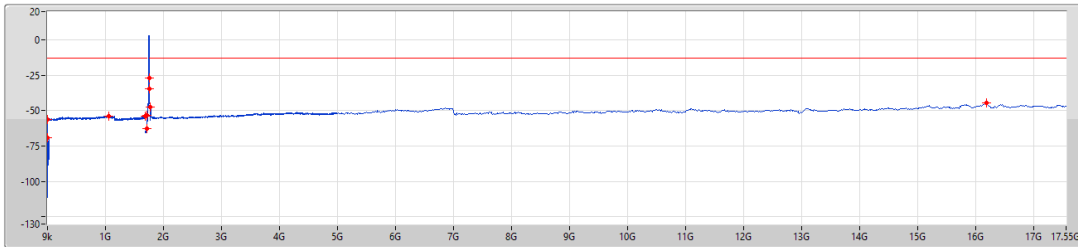


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.37k	-60.49	-13.00	-47.49	-	-
150k	30M	10k	30k	RMS	1.971M	-55.51	-13.00	-42.51	-	-
30M	1.5G	1M	3M	RMS	1.02078G	-53.75	-13.00	-40.75	-	-
1.5G	1.69G	1M	3M	RMS	1.68411G	-54.39	-13.00	-41.39	-	-
1.69G	1.709G	100k	300k	RMS	1.7065G	-54.82	-13.00	-41.82	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.71G	-64.57	-13.00	-51.57	-	-
1.71G	1.756G	100k	300k	RMS	1.75565G	-64.85	-13.00	-51.85	-	-
1.756G	1.775G	100k	300k	RMS	1.7595G	-54.83	-13.00	-41.83	MBW 1M	-
1.775G	5G	1M	3M	RMS	3.45523G	-50.34	-13.00	-37.34	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.77	-13.00	-31.77	-	-

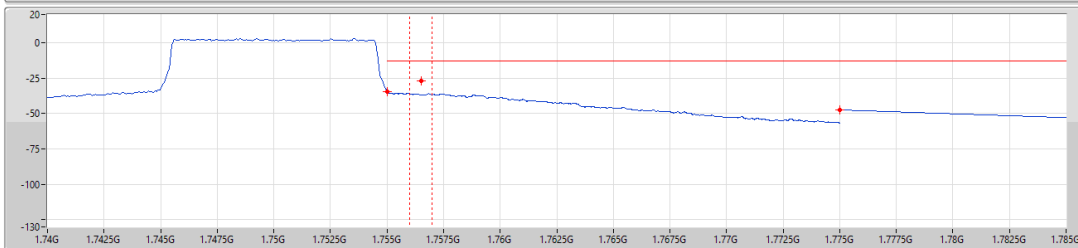
Band 4_LTE_10MHz_1TX
1750MHz_64QAM_RB 50,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

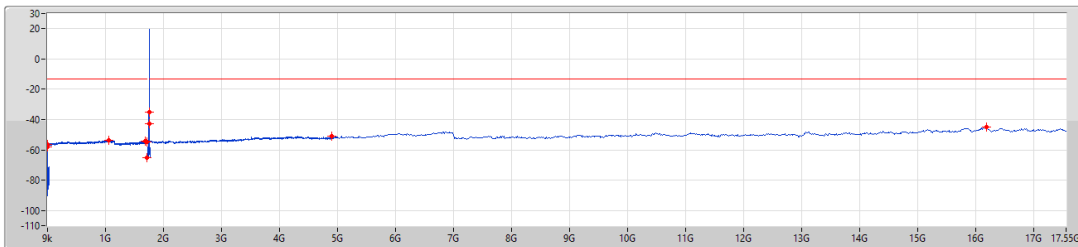


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	95.997k	-68.87	-13.00	-55.87	-	-
150k	30M	10k	30k	RMS	1.792M	-55.93	-13.00	-42.93	-	-
30M	1.5G	1M	3M	RMS	1.05018G	-53.89	-13.00	-40.89	-	-
1.5G	1.69G	1M	3M	RMS	1.67898G	-54.11	-13.00	-41.11	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-53.45	-13.00	-40.45	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.70994G	-62.82	-13.00	-49.82	-	-
1.71G	1.756G	100k	300k	RMS	1.755G	-34.33	-13.00	-21.33	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-26.69	-13.00	-13.69	MBW 1M	-
1.775G	5G	1M	3M	RMS	1.775G	-47.11	-13.00	-34.11	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.73	-13.00	-31.73	-	-

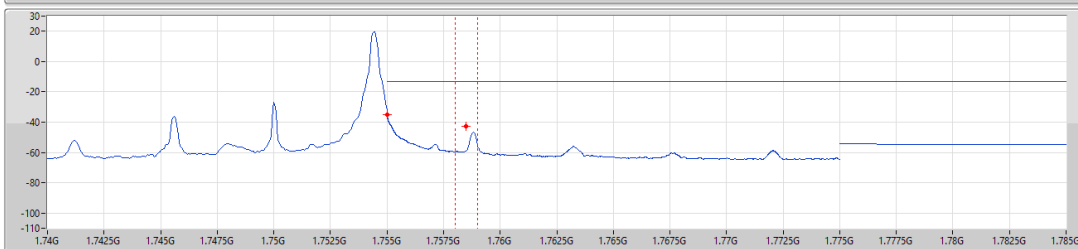
Band 4_LTE_10MHz_1TX
1750MHz_64QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023



Limit
Port 1

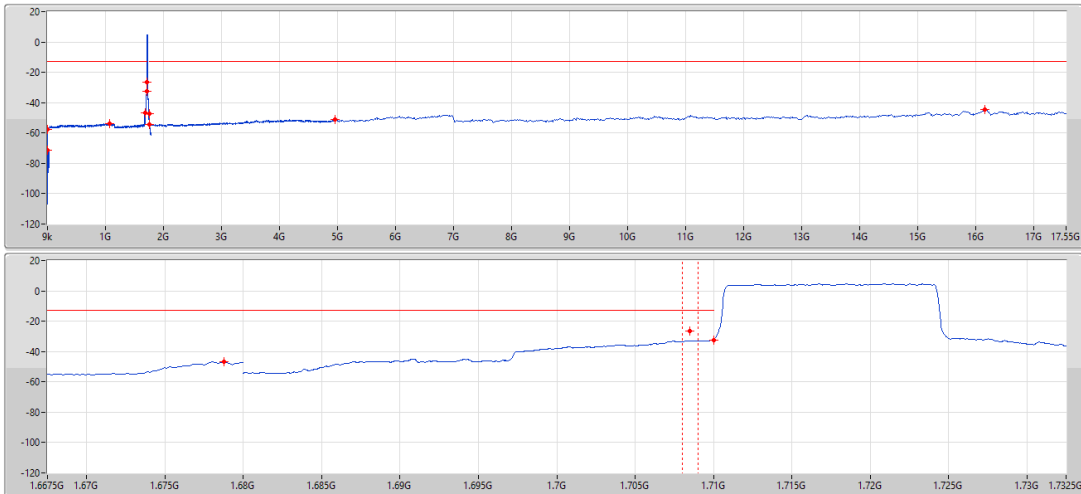


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.498k	-58.10	-13.00	-45.10	-	-
150k	30M	10k	30k	RMS	1.822M	-56.57	-13.00	-43.57	-	-
30M	1.5G	1M	3M	RMS	1.05066G	-53.79	-13.00	-40.79	-	-
1.5G	1.69G	1M	3M	RMS	1.68962G	-54.32	-13.00	-41.32	-	-
1.69G	1.709G	100k	300k	RMS	1.7085G	-54.68	-13.00	-41.68	MBW 1M	-
1.709G	1.71G	100k	300k	RMS	1.7099G	-64.99	-13.00	-51.99	-	-
1.71G	1.756G	100k	300k	RMS	1.755G	-34.86	-13.00	-21.86	-	-
1.756G	1.775G	100k	300k	RMS	1.7565G	-43.57	-13.00	-30.57	MBW 1M	-
1.775G	5G	1M	3M	RMS	4.90325G	-50.74	-13.00	-37.74	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.71	-13.00	-31.71	-	-

Band 4_LTE_15MHz_1TX
1717.5MHz_QPSK_RB 75,#RB 0

CSE-TX-Sum

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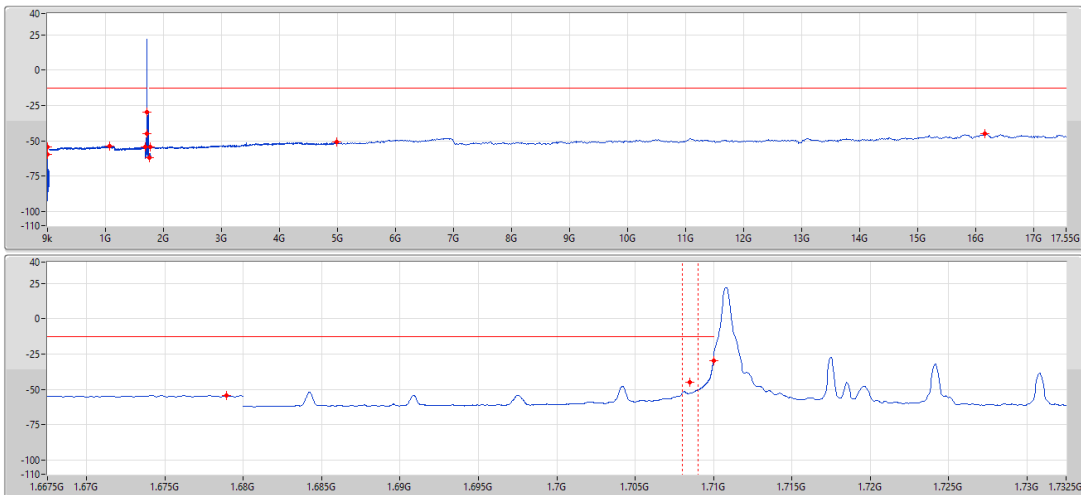
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	10.269k	-71.54	-13.00	-58.54	-	-
150k	30M	10k	30k	RMS	2.001M	-57.72	-13.00	-44.72	-	-
30M	1.5G	1M	3M	RMS	1.06488G	-53.72	-13.00	-40.72	-	-
1.5G	1.68G	1M	3M	RMS	1.67874G	-46.75	-13.00	-33.75	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-26.44	-13.00	-13.44	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-32.24	-13.00	-19.24	-	-
1.71G	1.755G	200k	500k	RMS	1.756G	-54.51	-13.00	-41.51	-	-
1.756G	1.785G	200k	500k	RMS	1.7585G	-47.09	-13.00	-34.09	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.93499G	-51.11	-13.00	-38.11	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.74	-13.00	-31.74	-	-

Band 4_LTE_15MHz_1TX
1717.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023



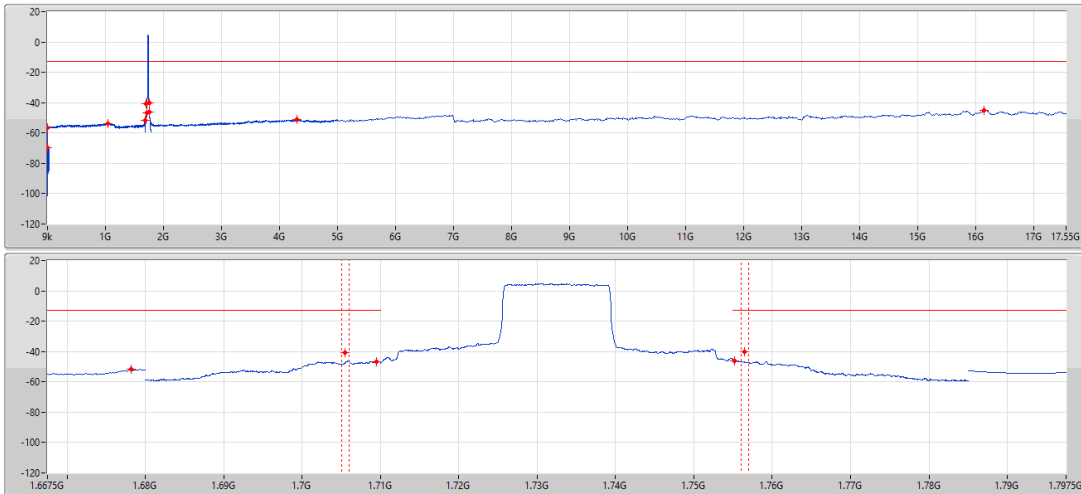
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	84.012k	-59.46	-13.00	-46.46	-	-
150k	30M	10k	30k	RMS	1.822M	-54.20	-13.00	-41.20	-	-
30M	1.5G	1M	3M	RMS	1.06782G	-53.75	-13.00	-40.75	-	-
1.5G	1.68G	1M	3M	RMS	1.67892G	-54.46	-13.00	-41.46	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-45.22	-13.00	-32.22	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-29.80	-13.00	-16.80	-	-
1.71G	1.755G	200k	500k	RMS	1.7552G	-61.93	-13.00	-48.93	-	-
1.755G	1.785G	200k	500k	RMS	1.7545G	-54.33	-13.00	-41.33	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.99036G	-50.68	-13.00	-37.68	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.90	-13.00	-31.90	-	-

Band 4_LTE_15MHz_1TX
1732.5MHz_QPSK_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

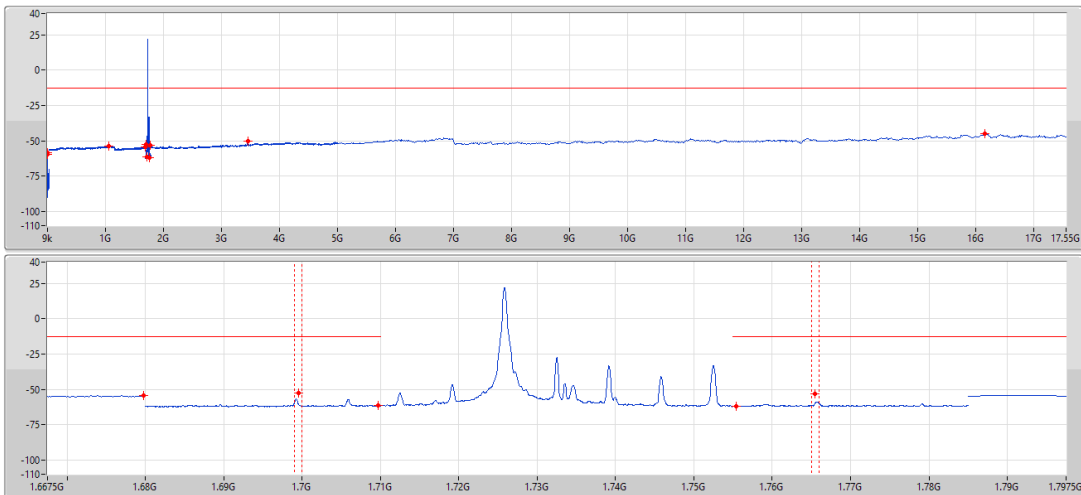


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	10.974k	-69.56	-13.00	-56.56	-	-
150k	30M	10k	30k	RMS	1.822M	-56.43	-13.00	-43.43	-	-
30M	1.5G	1M	3M	RMS	1.04724G	-53.80	-13.00	-40.80	-	-
1.5G	1.68G	1M	3M	RMS	1.6782G	-51.71	-13.00	-38.71	-	-
1.68G	1.709G	200k	500k	RMS	1.7055G	-40.49	-13.00	-27.49	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70945G	-46.67	-13.00	-33.67	-	-
1.71G	1.756G	200k	500k	RMS	1.75519G	-45.98	-13.00	-32.98	-	-
1.756G	1.785G	200k	500k	RMS	1.7856G	-40.32	-13.00	-27.32	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.2927G	-51.24	-13.00	-38.24	-	-
5G	17.55G	1M	3M	RMS	16.13185G	-45.09	-13.00	-32.09	-	-

Band 4_LTE_15MHz_1TX
1732.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023

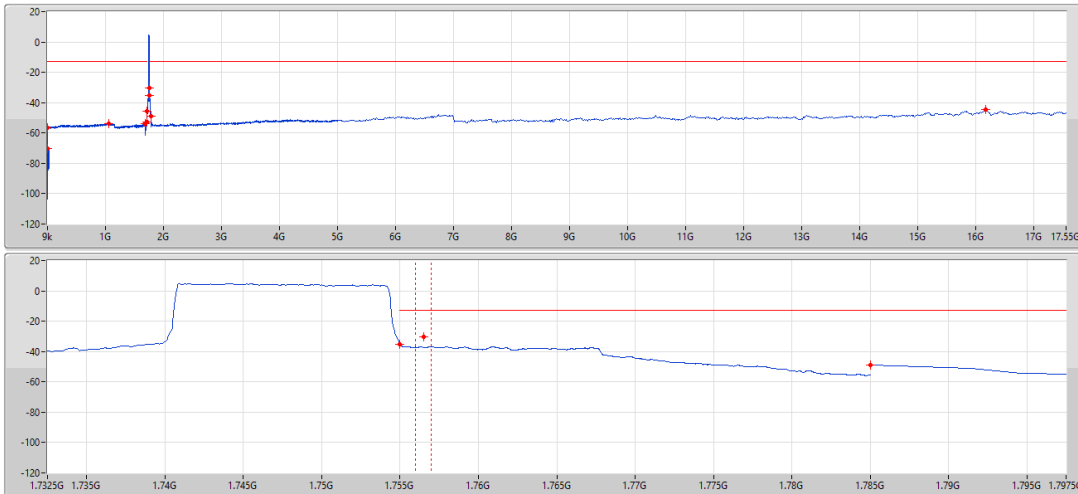


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	101.355k	-99.61	-13.00	-46.61	-	-
150k	30M	10k	30k	RMS	985.8k	-98.63	-13.00	-45.63	-	-
30M	1.5G	1M	3M	RMS	1.05018G	-53.90	-13.00	-40.90	-	-
1.5G	1.68G	1M	3M	RMS	1.67982G	-54.42	-13.00	-41.42	-	-
1.68G	1.709G	200k	500k	RMS	1.6995G	-52.59	-13.00	-39.59	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70971G	-61.42	-13.00	-48.42	-	-
1.71G	1.756G	200k	500k	RMS	1.7554G	-61.75	-13.00	-48.75	-	-
1.756G	1.785G	200k	500k	RMS	1.7855G	-53.36	-13.00	-40.36	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.45037G	-50.52	-13.00	-37.52	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.89	-13.00	-31.89	-	-

Band 4_LTE_15MHz_1TX
1747.5MHz_QPSK_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

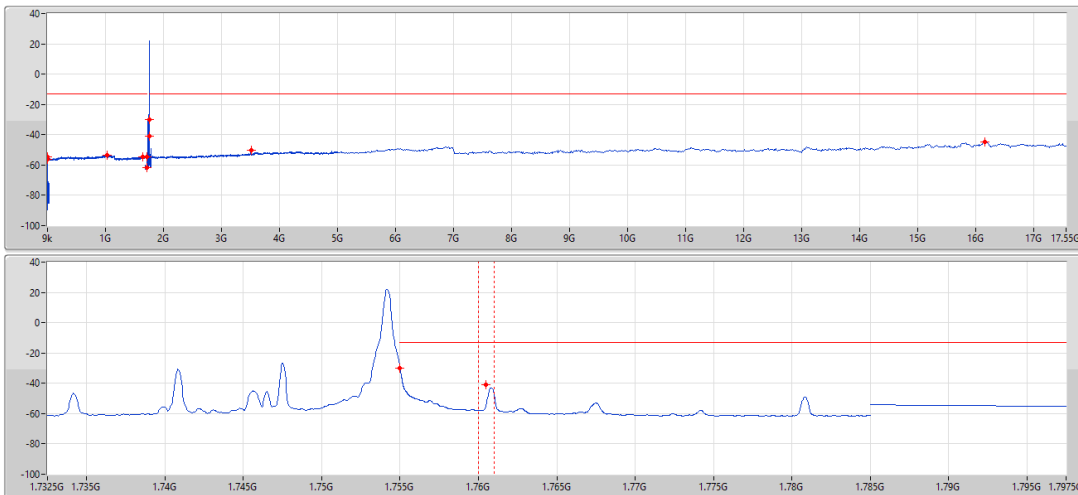


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	19.434k	-70.49	-13.00	-57.49	-	-
150k	30M	10k	30k	RMS	1.762M	-56.61	-13.00	-43.61	-	-
30M	1.5G	1M	3M	RMS	1.05753G	-53.85	-13.00	-40.85	-	-
1.5G	1.68G	1M	3M	RMS	1.67838G	-53.77	-13.00	-40.77	-	-
1.68G	1.709G	200k	500k	RMS	1.7075G	-45.74	-13.00	-32.74	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70912G	-52.76	-13.00	-39.76	-	-
1.755G	1.756G	200k	500k	RMS	1.755G	-35.40	-13.00	-22.40	-	-
1.756G	1.785G	200k	500k	RMS	1.7565G	-30.37	-13.00	-17.37	MBW 1M	-
1.785G	5G	1M	3M	RMS	1.785G	-48.87	-13.00	-35.87	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.65	-13.00	-31.65	-	-

Band 4_LTE_15MHz_1TX
1747.5MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

26/04/2023

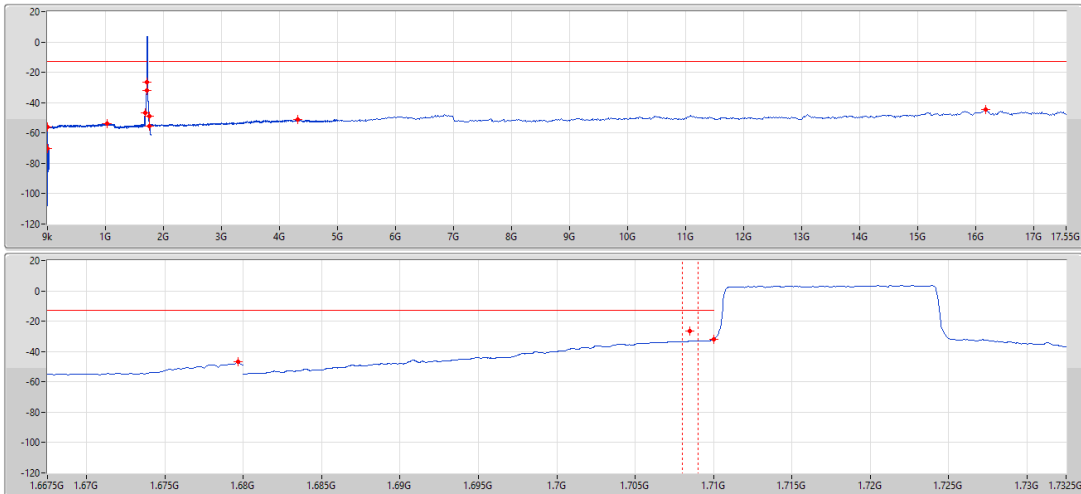


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	74.988k	-56.11	-13.00	-43.11	-	-
150k	30M	10k	30k	RMS	1.822M	-54.58	-13.00	-41.58	-	-
30M	1.5G	1M	3M	RMS	1.02225G	-53.78	-13.00	-40.78	-	-
1.5G	1.68G	1M	3M	RMS	1.64022G	-54.38	-13.00	-41.38	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-54.37	-13.00	-41.37	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70936G	-61.98	-13.00	-48.98	-	-
1.755G	1.756G	200k	500k	RMS	1.755G	-30.20	-13.00	-17.20	-	-
1.756G	1.785G	200k	500k	RMS	1.7605G	-41.19	-13.00	-28.19	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.50824G	-50.43	-13.00	-37.43	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.71	-13.00	-31.71	-	-

Band 4_LTE_15MHz_1TX
1717.5MHz_16QAM_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

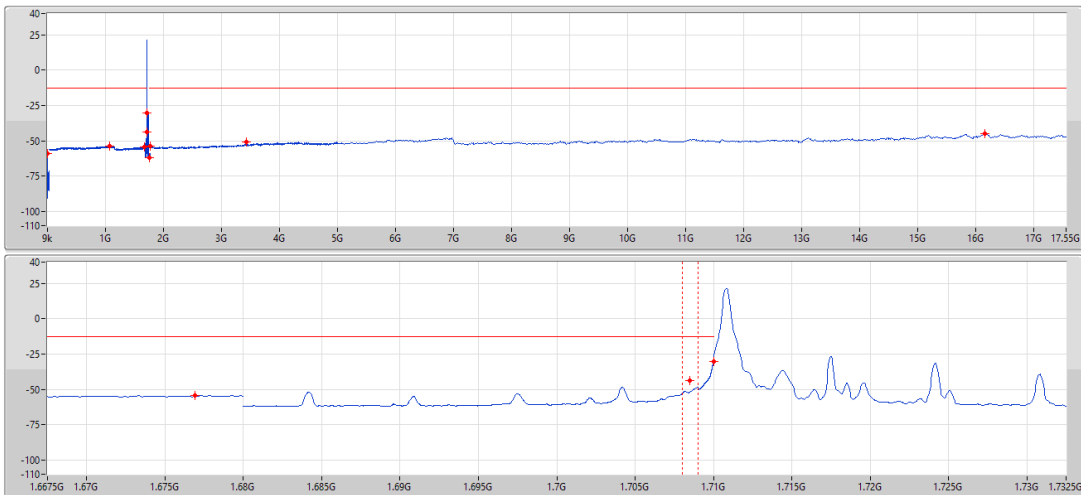


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	97.125k	-70.45	-13.00	-57.45	-	-
150k	30M	10k	30k	RMS	926.1k	-56.14	-13.00	-43.14	-	-
30M	1.5G	1M	3M	RMS	1.03107G	-53.75	-13.00	-40.75	-	-
1.5G	1.68G	1M	3M	RMS	1.67964G	-46.74	-13.00	-33.74	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-26.58	-13.00	-13.58	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-32.08	-13.00	-19.08	-	-
1.71G	1.755G	200k	500k	RMS	1.75501G	-55.28	-13.00	-42.28	-	-
1.755G	1.785G	200k	500k	RMS	1.785G	-48.76	-13.00	-35.76	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.31521G	-51.10	-13.00	-38.10	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.55	-13.00	-31.55	-	-

Band 4_LTE_15MHz_1TX
1717.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

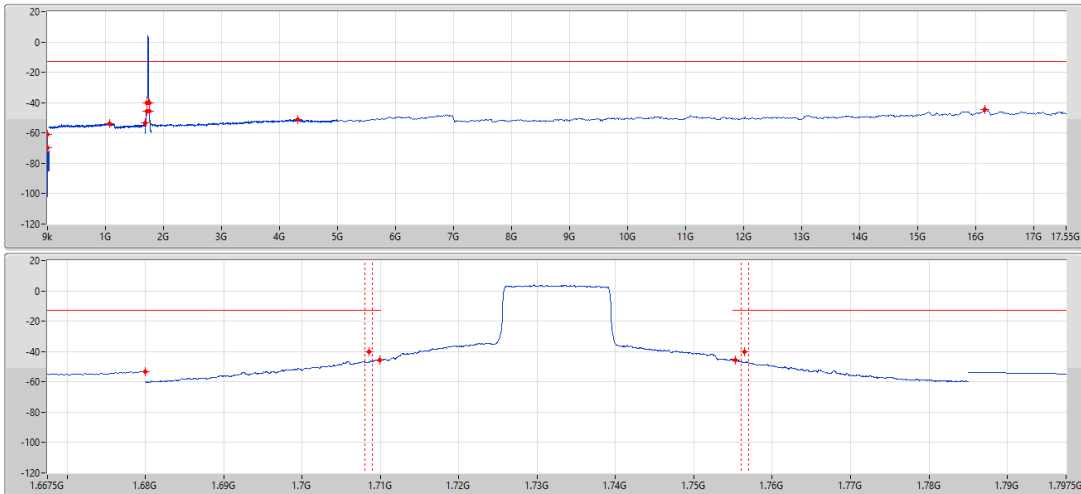


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.23k	-99.19	-13.00	-46.19	-	-
150k	30M	10k	30k	RMS	1.9411M	-99.13	-13.00	-46.13	-	-
30M	1.5G	1M	3M	RMS	1.06488G	-53.89	-13.00	-40.89	-	-
1.5G	1.68G	1M	3M	RMS	1.67694G	-54.12	-13.00	-41.12	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-44.05	-13.00	-31.05	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-30.15	-13.00	-17.15	-	-
1.71G	1.755G	200k	500k	RMS	1.756G	-62.03	-13.00	-49.03	-	-
1.755G	1.785G	200k	500k	RMS	1.7845G	-53.02	-13.00	-40.02	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.42144G	-50.78	-13.00	-37.78	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.80	-13.00	-31.80	-	-

Band 4_LTE_15MHz_1TX
1732.5MHz_16QAM_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

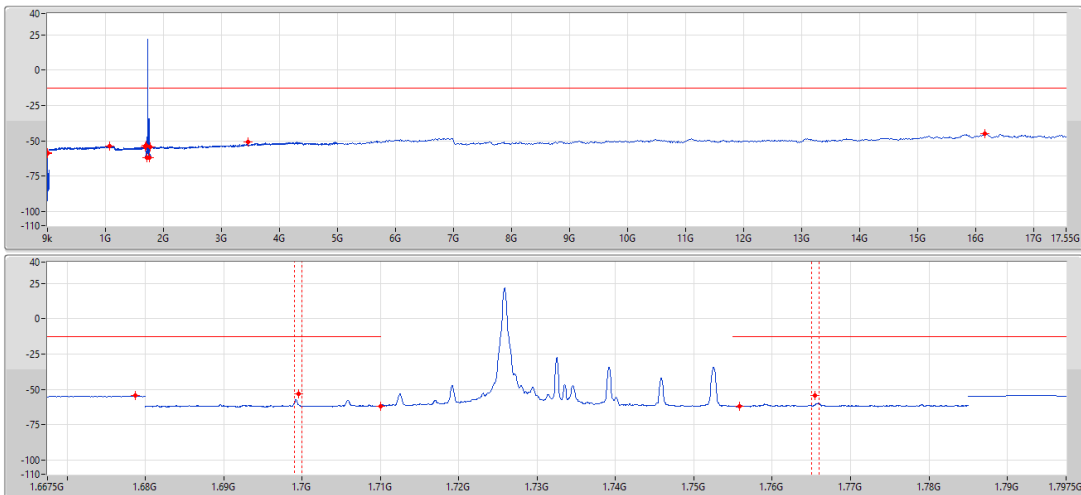


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.934k	-69.71	-13.00	-56.71	-	-
150k	30M	10k	30k	RMS	6.09M	-60.81	-13.00	-47.81	-	-
30M	1.5G	1M	3M	RMS	1.06782G	-53.60	-13.00	-40.60	-	-
1.5G	1.68G	1M	3M	RMS	1.68G	-53.26	-13.00	-40.26	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-40.01	-13.00	-27.01	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70987G	-45.55	-13.00	-32.55	-	-
1.71G	1.755G	200k	500k	RMS	1.75529G	-45.80	-13.00	-32.80	-	-
1.755G	1.785G	200k	500k	RMS	1.7855G	-40.33	-13.00	-27.33	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.30556G	-51.16	-13.00	-38.16	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.69	-13.00	-31.69	-	-

Band 4_LTE_15MHz_1TX
1732.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

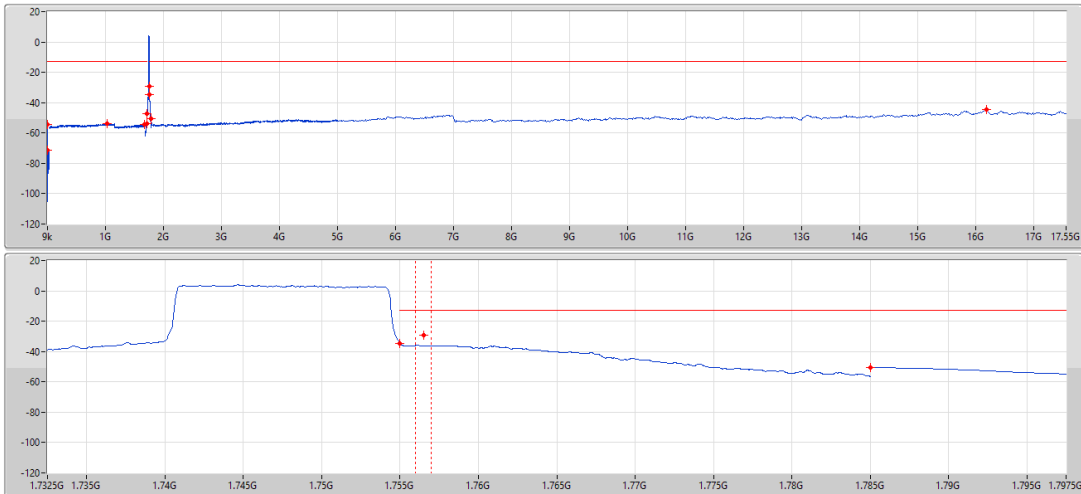


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	61.452k	-58.44	-13.00	-45.44	-	-
150k	30M	10k	30k	RMS	150k	-58.88	-13.00	-45.88	-	-
30M	1.5G	1M	3M	RMS	1.06488G	-53.79	-13.00	-40.79	-	-
1.5G	1.68G	1M	3M	RMS	1.67874G	-54.34	-13.00	-41.34	-	-
1.68G	1.709G	200k	500k	RMS	1.6995G	-53.01	-13.00	-40.01	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-61.71	-13.00	-48.71	-	-
1.71G	1.755G	200k	500k	RMS	1.75587G	-61.90	-13.00	-48.90	-	-
1.755G	1.785G	200k	500k	RMS	1.7855G	-54.06	-13.00	-41.06	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.45037G	-50.62	-13.00	-37.62	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.70	-13.00	-31.70	-	-

Band 4_LTE_15MHz_1TX
1747.5MHz_16QAM_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

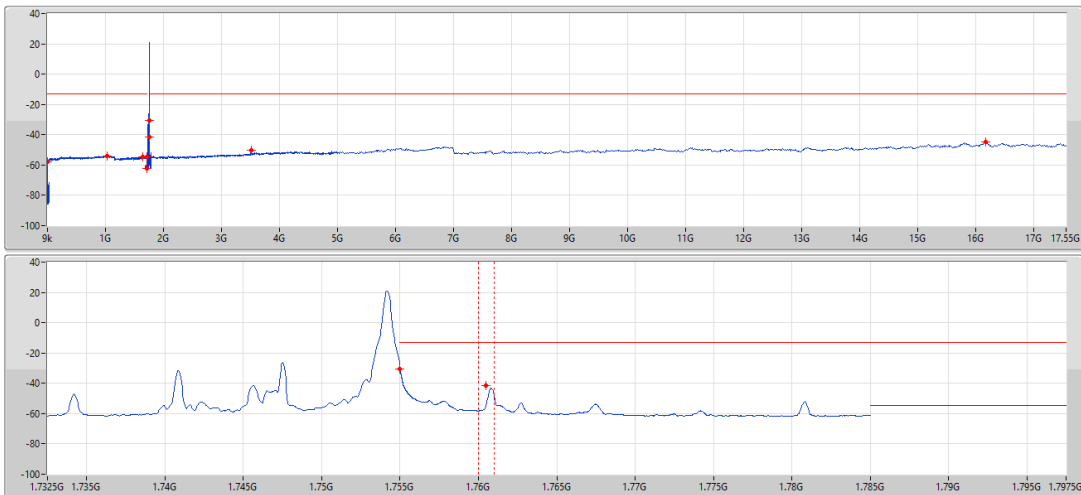


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.216k	-71.43	-13.00	-58.43	-	-
150k	30M	10k	30k	RMS	1.792M	-54.38	-13.00	-41.38	-	-
30M	1.5G	1M	3M	RMS	1.02225G	-53.77	-13.00	-40.77	-	-
1.5G	1.68G	1M	3M	RMS	1.67658G	-54.42	-13.00	-41.42	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-47.27	-13.00	-34.27	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-53.70	-13.00	-40.70	-	-
1.755G	1.756G	200k	500k	RMS	1.755G	-34.76	-13.00	-21.76	-	-
1.756G	1.785G	200k	500k	RMS	1.756G	-29.46	-13.00	-16.46	MBW 1M	-
1.785G	5G	1M	3M	RMS	1.785G	-50.51	-13.00	-37.51	-	-
5G	17.55G	1M	3M	RMS	16.18205G	-44.73	-13.00	-31.73	-	-

Band 4_LTE_15MHz_1TX
1747.5MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023

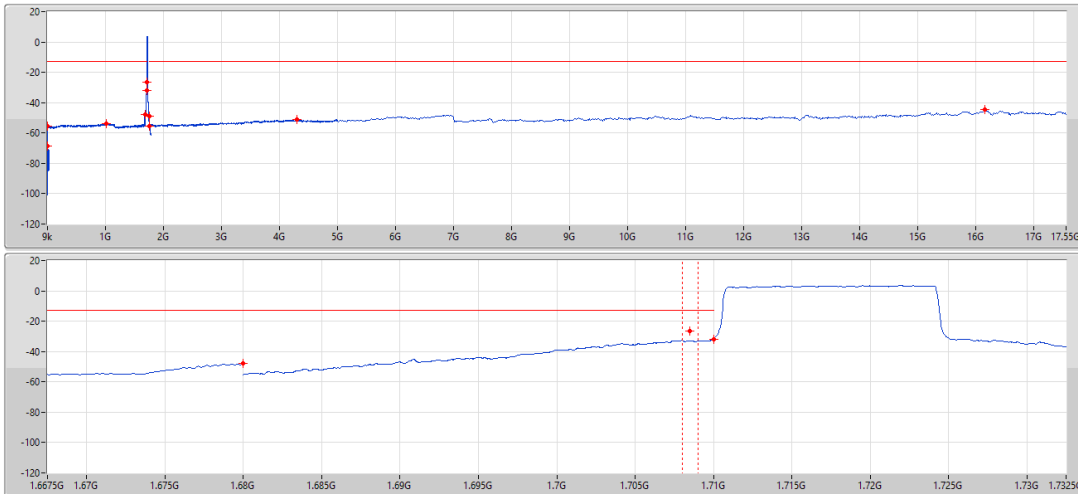


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	59.337k	-57.77	-13.00	-44.77	-	-
150k	30M	10k	30k	RMS	1.881M	-57.89	-13.00	-44.89	-	-
30M	1.5G	1M	3M	RMS	1.02813G	-53.82	-13.00	-40.82	-	-
1.5G	1.68G	1M	3M	RMS	1.64004G	-54.35	-13.00	-41.35	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-54.55	-13.00	-41.55	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70901G	-62.07	-13.00	-49.07	-	-
1.755G	1.756G	200k	500k	RMS	1.755G	-30.50	-13.00	-17.50	-	-
1.756G	1.785G	200k	500k	RMS	1.756G	-41.67	-13.00	-28.67	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.50824G	-50.20	-13.00	-37.20	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.77	-13.00	-31.77	-	-

Band 4_LTE_15MHz_1TX
1717.5MHz_64QAM_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

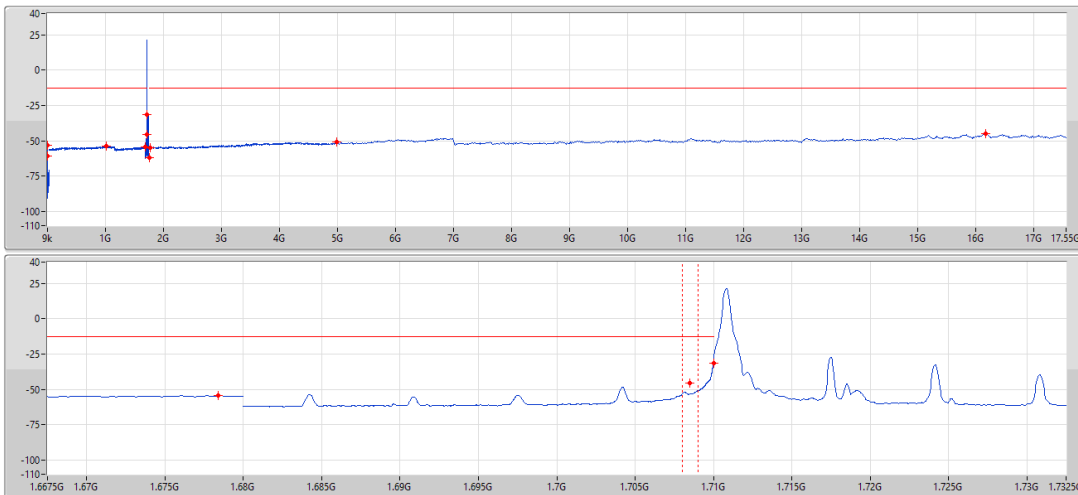


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	94.869k	-68.57	-13.00	-55.57	-	-
150k	30M	10k	30k	RMS	955.95k	-55.31	-13.00	-42.31	-	-
30M	1.5G	1M	3M	RMS	1.01343G	-53.64	-13.00	-40.64	-	-
1.5G	1.68G	1M	3M	RMS	1.68G	-47.82	-13.00	-34.82	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-26.44	-13.00	-13.44	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-32.03	-13.00	-19.03	-	-
1.71G	1.756G	200k	500k	RMS	1.75502G	-55.25	-13.00	-42.25	-	-
1.756G	1.785G	200k	500k	RMS	1.7575G	-48.70	-13.00	-35.70	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.29592G	-51.19	-13.00	-38.19	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.67	-13.00	-31.67	-	-

Band 4_LTE_15MHz_1TX
1717.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

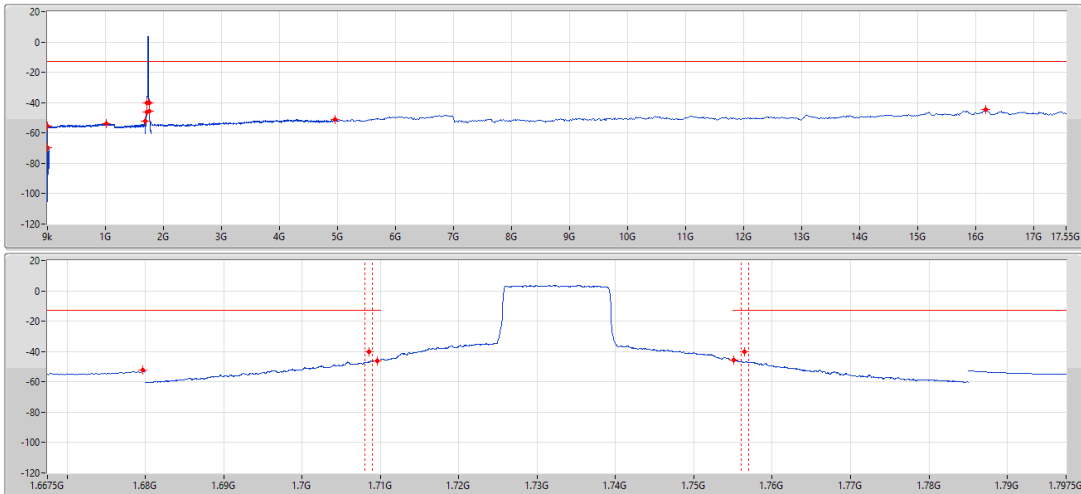


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	44.955k	-60.50	-13.00	-47.50	-	-
150k	30M	10k	30k	RMS	1.851M	-53.39	-13.00	-40.39	-	-
30M	1.5G	1M	3M	RMS	1.00902G	-53.66	-13.00	-40.66	-	-
1.5G	1.68G	1M	3M	RMS	1.67838G	-54.37	-13.00	-41.37	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-45.79	-13.00	-32.79	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-31.75	-13.00	-18.75	-	-
1.71G	1.756G	200k	500k	RMS	1.7552G	-63.09	-13.00	-50.09	-	-
1.756G	1.785G	200k	500k	RMS	1.7545G	-54.71	-13.00	-41.71	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.99036G	-50.95	-13.00	-37.95	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.65	-13.00	-31.65	-	-

Band 4_LTE_15MHz_1TX
1732.5MHz_64QAM_RB 75,#RB 0

CSE-TX-Sum

26/04/2023

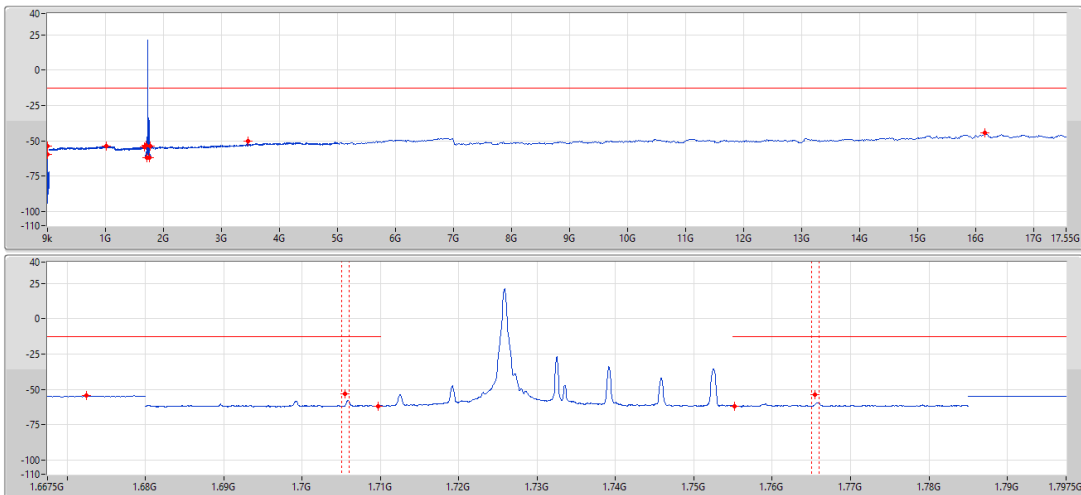


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	96.42k	-69.90	-13.00	-56.90	-	-
150k	30M	10k	30k	RMS	955.95k	-55.73	-13.00	-42.73	-	-
30M	1.5G	1M	3M	RMS	1.01784G	-53.75	-13.00	-40.75	-	-
1.5G	1.68G	1M	3M	RMS	1.67964G	-52.42	-13.00	-39.42	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-40.13	-13.00	-27.13	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70956G	-45.96	-13.00	-32.96	-	-
1.71G	1.756G	200k	500k	RMS	1.75509G	-45.81	-13.00	-32.81	-	-
1.756G	1.785G	200k	500k	RMS	1.7565G	-40.24	-13.00	-27.24	MBW 1M	-
1.785G	5G	1M	3M	RMS	4.93499G	-51.14	-13.00	-38.14	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.60	-13.00	-31.60	-	-

Band 4_LTE_15MHz_1TX
1732.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023



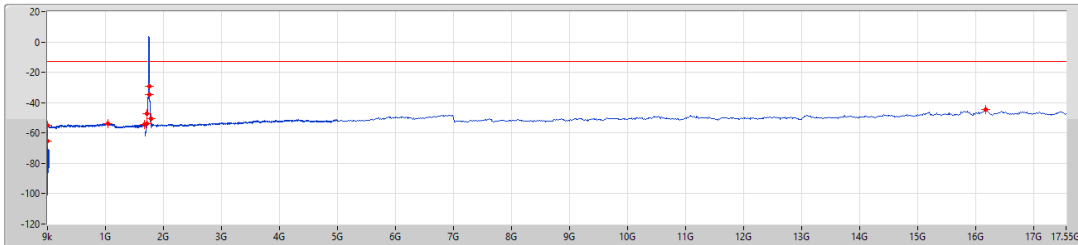
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	16.755k	-59.51	-13.00	-46.51	-	-
150k	30M	10k	30k	RMS	1.792M	-53.96	-13.00	-40.96	-	-
30M	1.5G	1M	3M	RMS	1.00902G	-53.70	-13.00	-40.70	-	-
1.5G	1.68G	1M	3M	RMS	1.67244G	-54.48	-13.00	-41.48	-	-
1.68G	1.709G	200k	500k	RMS	1.7055G	-53.35	-13.00	-40.35	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70974G	-61.70	-13.00	-48.70	-	-
1.71G	1.756G	200k	500k	RMS	1.75521G	-61.72	-13.00	-48.72	-	-
1.756G	1.785G	200k	500k	RMS	1.7555G	-53.84	-13.00	-40.84	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.45037G	-50.15	-13.00	-37.15	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.41	-13.00	-31.41	-	-

Band 4_LTE_15MHz_1TX

1747.5MHz_64QAM_RB 75,#RB 0

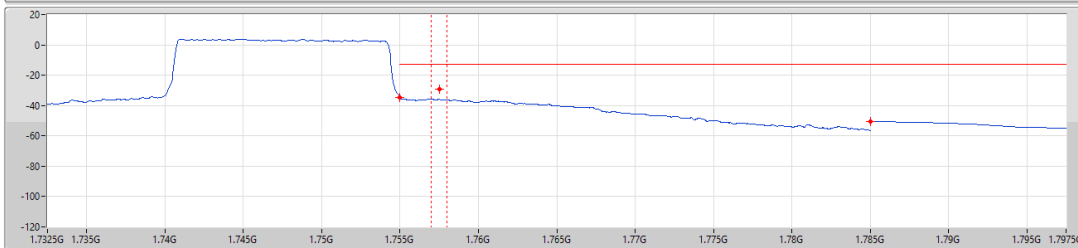
CSE-TX-Sum

26/04/2023



Limit

Port 1



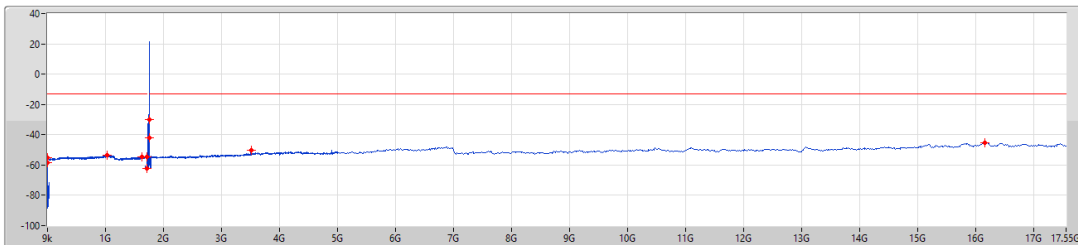
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	94.446k	-65.33	-13.00	-52.33	-	-
150k	30M	10k	30k	RMS	1.822M	-55.12	-13.00	-42.12	-	-
30M	1.5G	1M	3M	RMS	1.03695G	-53.75	-13.00	-40.75	-	-
1.5G	1.68G	1M	3M	RMS	1.67694G	-54.24	-13.00	-41.24	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-47.47	-13.00	-34.47	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.71G	-53.78	-13.00	-40.78	-	-
1.755G	1.756G	200k	500k	RMS	1.755G	-34.92	-13.00	-21.92	-	-
1.756G	1.785G	200k	500k	RMS	1.7575G	-29.42	-13.00	-16.42	MBW 1M	-
1.785G	5G	1M	3M	RMS	1.785G	-50.41	-13.00	-37.41	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.30	-13.00	-31.30	-	-

Band 4_LTE_15MHz_1TX

1747.5MHz_64QAM_RB 1,#RB H

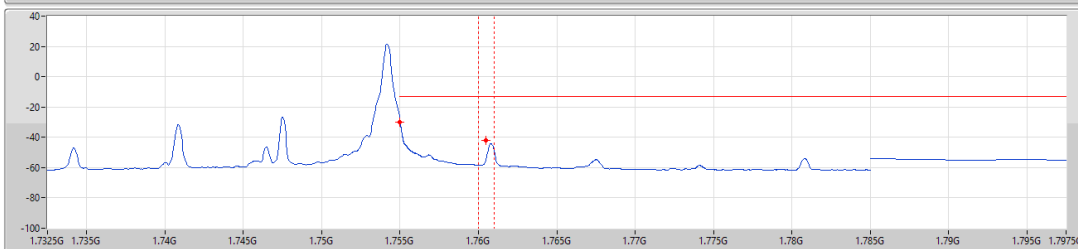
CSE-TX-Sum

26/04/2023



Limit

Port 1

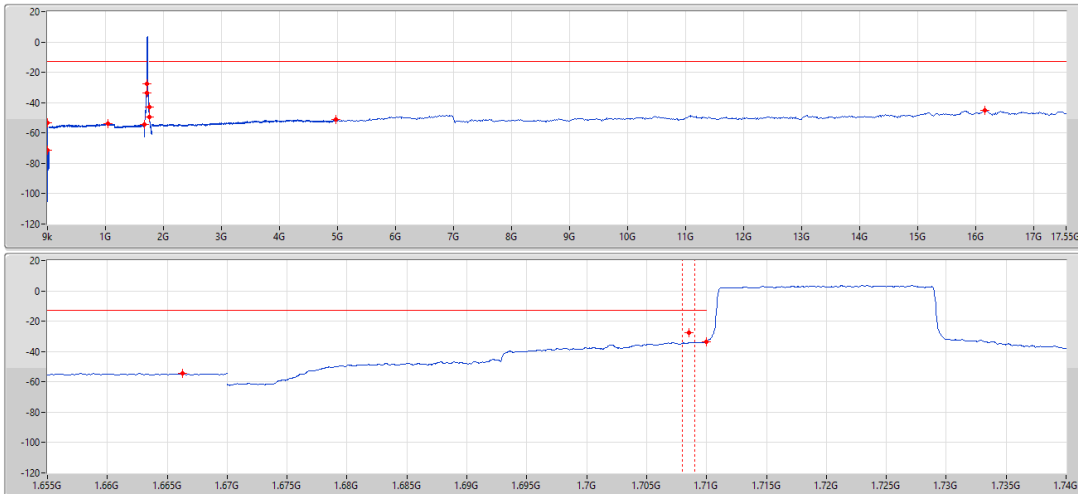


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	17.178k	-58.32	-13.00	-45.32	-	-
150k	30M	10k	30k	RMS	1.881M	-55.38	-13.00	-42.38	-	-
30M	1.5G	1M	3M	RMS	1.02372G	-53.77	-13.00	-40.77	-	-
1.5G	1.68G	1M	3M	RMS	1.6305G	-54.51	-13.00	-41.51	-	-
1.68G	1.709G	200k	500k	RMS	1.7085G	-54.75	-13.00	-41.75	MBW 1M	-
1.709G	1.71G	200k	500k	RMS	1.70999G	-62.09	-13.00	-49.09	-	-
1.755G	1.756G	200k	500k	RMS	1.755G	-30.06	-13.00	-17.06	-	-
1.756G	1.785G	200k	500k	RMS	1.7605G	-43.22	-13.00	-29.22	MBW 1M	-
1.785G	5G	1M	3M	RMS	3.50824G	-50.32	-13.00	-37.32	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-45.05	-13.00	-32.05	-	-

Band 4_LTE_20MHz_1TX
1720MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum

26/04/2023



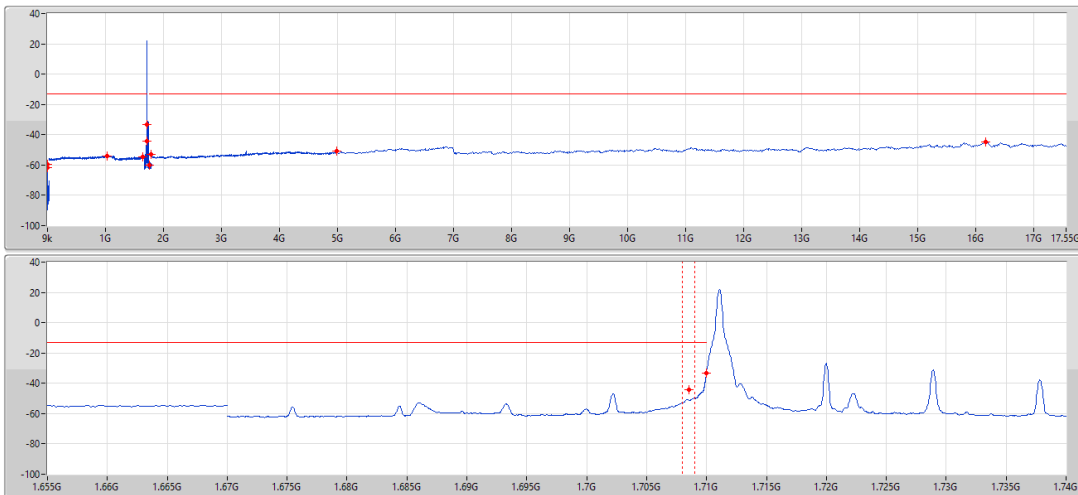
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	78.231k	-71.22	-13.00	-58.22	-	-
150k	30M	10k	30k	RMS	1.881M	-53.33	-13.00	-40.33	-	-
30M	1.5G	1M	3M	RMS	1.03695G	-53.60	-13.00	-40.60	-	-
1.5G	1.67G	1M	3M	RMS	1.66626G	-54.43	-13.00	-41.43	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-27.51	-13.00	-14.51	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-33.70	-13.00	-20.70	-	-
1.71G	1.755G	200k	1M	RMS	1.75585G	-49.50	-13.00	-36.50	-	-
1.755G	1.795G	200k	1M	RMS	1.7565G	-43.15	-13.00	-30.15	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.96475G	-51.13	-13.00	-38.13	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.81	-13.00	-31.81	-	-

Band 4_LTE_20MHz_1TX
1720MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023



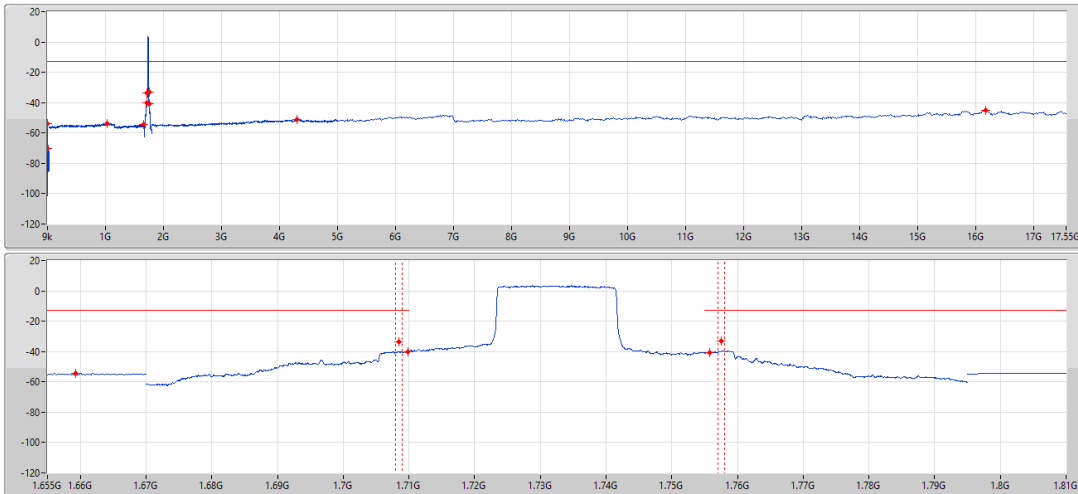
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	88.101k	-59.72	-13.00	-46.72	-	-
150k	30M	10k	30k	RMS	150k	-61.77	-13.00	-48.77	-	-
30M	1.5G	1M	3M	RMS	1.03254G	-53.87	-13.00	-40.87	-	-
1.5G	1.67G	1M	3M	RMS	1.64348G	-54.54	-13.00	-41.54	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-44.25	-13.00	-31.25	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-33.51	-13.00	-20.51	-	-
1.71G	1.755G	200k	1M	RMS	1.75564G	-60.31	-13.00	-47.31	-	-
1.755G	1.795G	200k	1M	RMS	1.7885G	-53.86	-13.00	-39.86	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.99039G	-50.71	-13.00	-37.71	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.95	-13.00	-31.95	-	-

Band 4_LTE_20MHz_1TX
1732.5MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum

26/04/2023

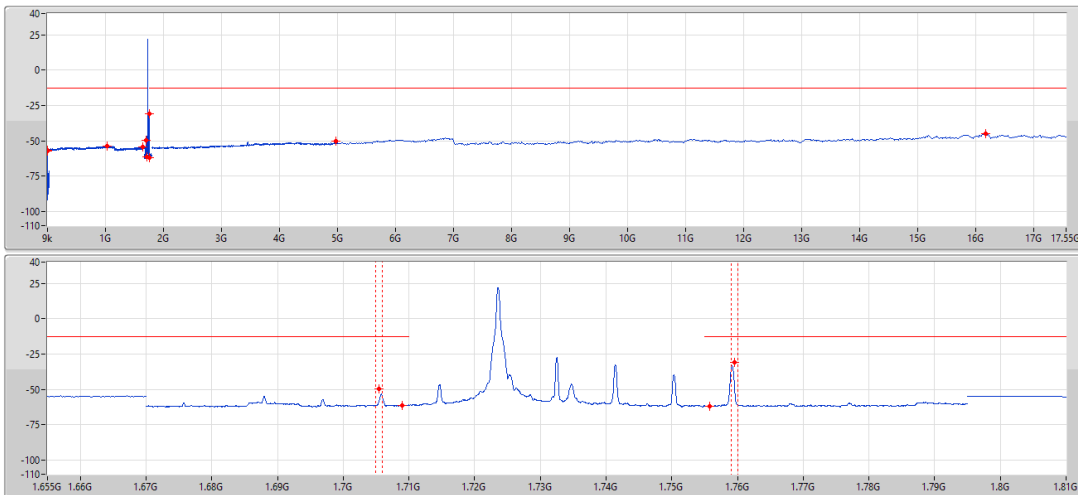


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	16.614k	-70.40	-13.00	-57.40	-	-
150k	30M	10k	30k	RMS	1.822M	-53.95	-13.00	-40.95	-	-
30M	1.5G	1M	3M	RMS	1.03107G	-53.65	-13.00	-40.65	-	-
1.5G	1.67G	1M	3M	RMS	1.65929G	-54.33	-13.00	-41.33	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-33.67	-13.00	-20.67	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70992G	-40.07	-13.00	-27.07	-	-
1.755G	1.756G	200k	1M	RMS	1.75582G	-40.79	-13.00	-27.79	-	-
1.756G	1.795G	200k	1M	RMS	1.7575G	-33.23	-13.00	-20.23	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.23811G	-51.23	-13.00	-38.23	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.95	-13.00	-31.95	-	-

Band 4_LTE_20MHz_1TX
1732.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

26/04/2023

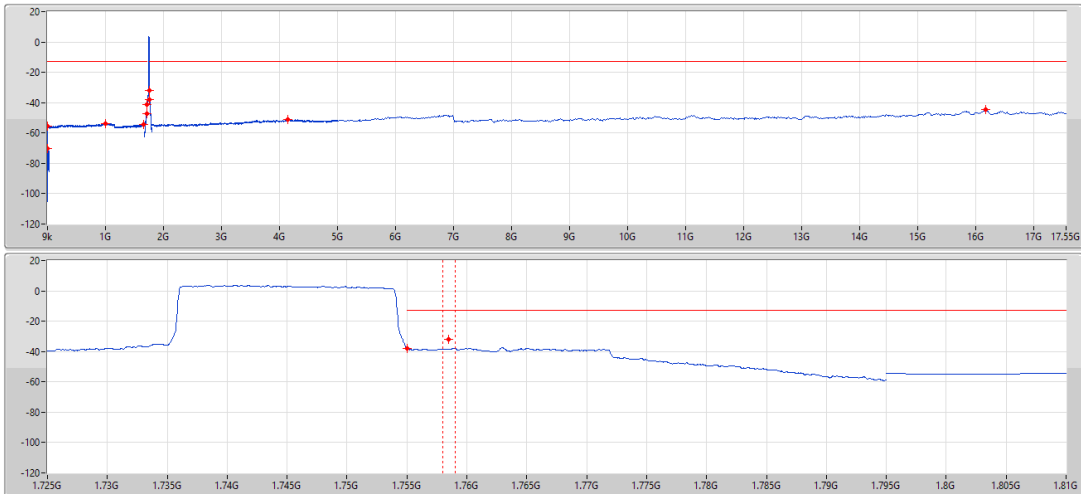


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	75.129k	-57.52	-13.00	-44.52	-	-
150k	30M	10k	30k	RMS	2.031M	-56.95	-13.00	-43.95	-	-
30M	1.5G	1M	3M	RMS	1.0296G	-53.72	-13.00	-40.72	-	-
1.5G	1.67G	1M	3M	RMS	1.63804G	-54.41	-13.00	-41.41	-	-
1.67G	1.709G	200k	1M	RMS	1.7055G	-49.83	-13.00	-36.83	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70901G	-61.43	-13.00	-48.43	-	-
1.755G	1.756G	200k	1M	RMS	1.75577G	-61.81	-13.00	-48.81	-	-
1.756G	1.795G	200k	1M	RMS	1.7595G	-31.17	-13.00	-18.17	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.96475G	-50.47	-13.00	-37.47	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.95	-13.00	-31.95	-	-

Band 4_LTE_20MHz_1TX
1745MHz_QPSK_RB 100,#RB 0

CSE-TX-Sum

26/04/2023

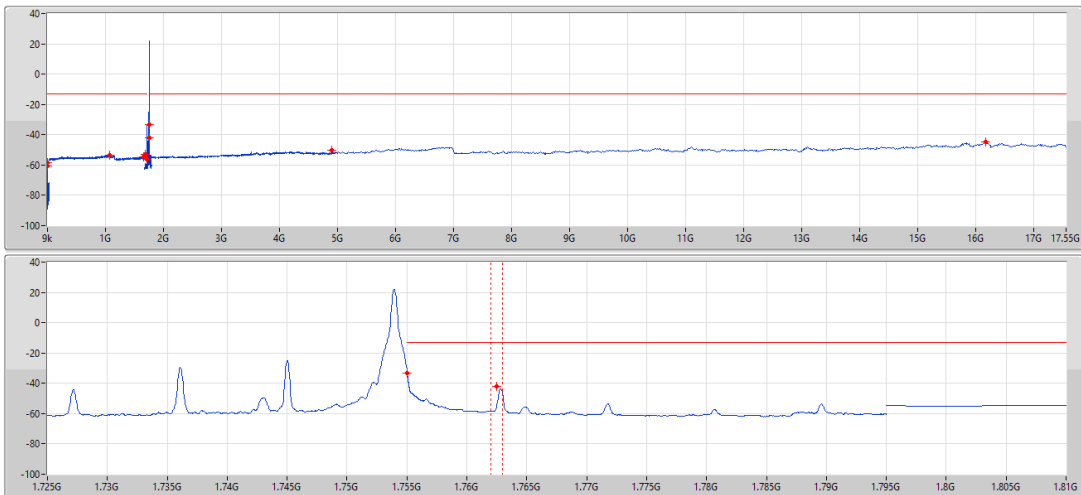


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	78.231k	-70.31	-13.00	-57.31	-	-
150k	30M	10k	30k	RMS	1.851M	-55.21	-13.00	-42.21	-	-
30M	1.5G	1M	3M	RMS	1.00461G	-53.72	-13.00	-40.72	-	-
1.5G	1.67G	1M	3M	RMS	1.65368G	-54.54	-13.00	-41.54	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-41.12	-13.00	-28.12	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.7093G	-47.20	-13.00	-34.20	-	-
1.755G	1.756G	200k	1M	RMS	1.755G	-37.95	-13.00	-24.95	-	-
1.756G	1.795G	200k	1M	RMS	1.7585G	-31.68	-13.00	-18.68	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.14427G	-51.26	-13.00	-38.26	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.42	-13.00	-31.42	-	-

Band 4_LTE_20MHz_1TX
1745MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

26/04/2023

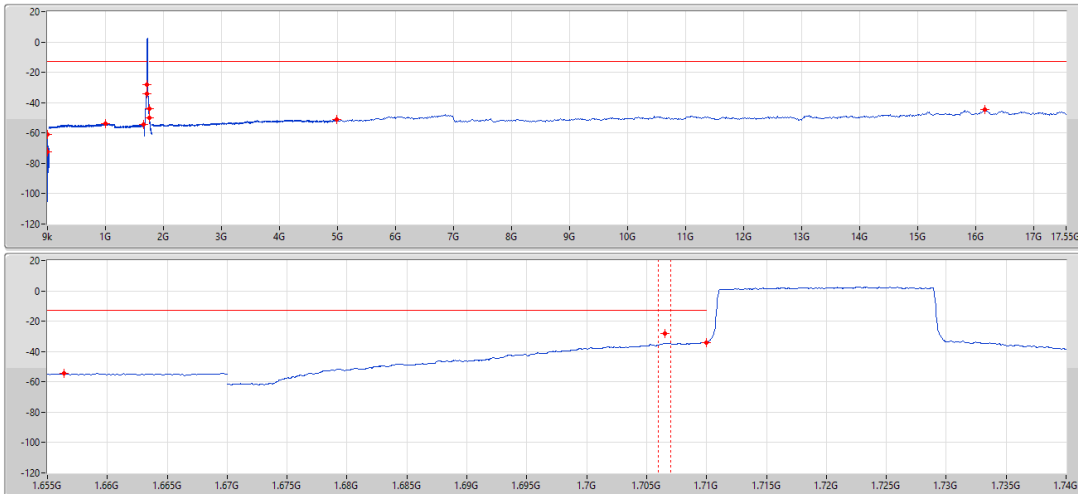


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	47.211k	-58.24	-13.00	-45.24	-	-
150k	30M	10k	30k	RMS	1.941M	-60.79	-13.00	-47.79	-	-
30M	1.5G	1M	3M	RMS	1.06488G	-53.60	-13.00	-40.60	-	-
1.5G	1.67G	1M	3M	RMS	1.65776G	-54.42	-13.00	-41.42	-	-
1.67G	1.709G	200k	1M	RMS	1.6865G	-53.16	-13.00	-40.16	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.7093G	-56.11	-13.00	-43.11	-	-
1.755G	1.756G	200k	1M	RMS	1.755G	-33.03	-13.00	-20.03	-	-
1.756G	1.795G	200k	1M	RMS	1.7625G	-41.82	-13.00	-28.82	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.90385G	-50.49	-13.00	-37.49	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.75	-13.00	-31.75	-	-

Band 4_LTE_20MHz_1TX
1720MHz_16QAM_RB 100,#RB 0

CSE-TX-Sum

26/04/2023

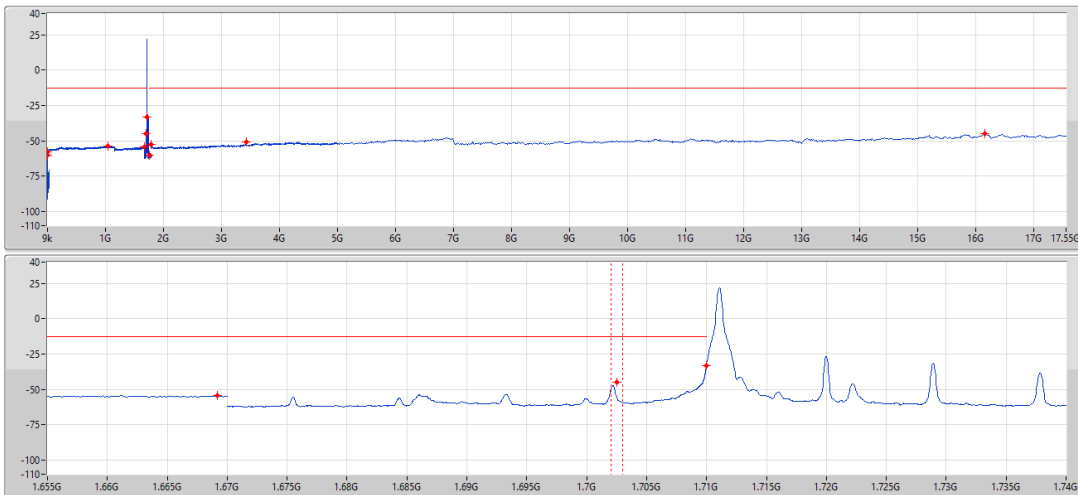


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	77.949k	-72.26	-13.00	-59.26	-	-
150k	30M	10k	30k	RMS	1.911M	-61.07	-13.00	-48.07	-	-
30M	1.5G	1M	3M	RMS	1.00608G	-53.92	-13.00	-40.92	-	-
1.5G	1.67G	1M	3M	RMS	1.6564G	-54.52	-13.00	-41.52	-	-
1.67G	1.709G	200k	1M	RMS	1.7065G	-28.19	-13.00	-15.19	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-33.99	-13.00	-20.99	-	-
1.71G	1.756G	200k	1M	RMS	1.75576G	-50.22	-13.00	-37.22	-	-
1.756G	1.795G	200k	1M	RMS	1.7565G	-43.85	-13.00	-30.85	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.98077G	-51.17	-13.00	-38.17	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.66	-13.00	-31.66	-	-

Band 4_LTE_20MHz_1TX
1720MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023



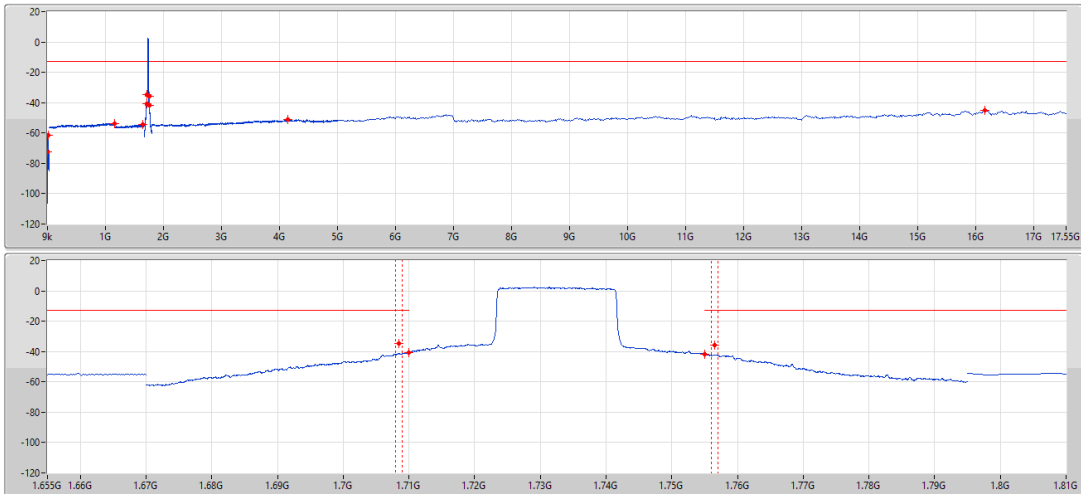
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	73.014k	-59.93	-13.00	-46.93	-	-
150k	30M	10k	30k	RMS	1.911M	-57.94	-13.00	-44.94	-	-
30M	1.5G	1M	3M	RMS	1.04283G	-53.88	-13.00	-40.88	-	-
1.5G	1.67G	1M	3M	RMS	1.66915G	-54.47	-13.00	-41.47	-	-
1.67G	1.709G	200k	1M	RMS	1.7025G	-45.10	-13.00	-32.10	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-33.47	-13.00	-20.47	-	-
1.71G	1.756G	200k	1M	RMS	1.75565G	-60.45	-13.00	-47.45	-	-
1.756G	1.795G	200k	1M	RMS	1.7885G	-52.87	-13.00	-39.87	MBW 1M	-
1.795G	5G	1M	3M	RMS	3.42314G	-50.81	-13.00	-37.81	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.72	-13.00	-31.72	-	-

Band 4 LTE_20MHz_1TX

1732.5MHz_16QAM_RB 100,#RB 0

CSE-TX-Sum

26/04/2023



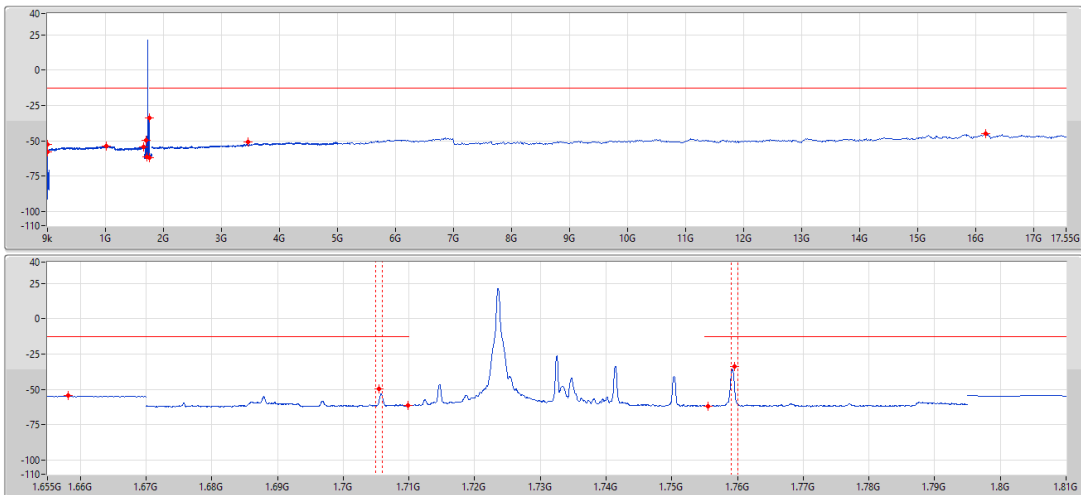
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	91.344k	-72.54	-13.00	-59.54	-	-
150k	30M	10k	30k	RMS	9.583M	-61.51	-13.00	-48.51	-	-
30M	1.5G	1M	3M	RMS	1.15602G	-53.81	-13.00	-40.81	-	-
1.5G	1.67G	1M	3M	RMS	1.64331G	-54.51	-13.00	-41.51	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-34.91	-13.00	-21.91	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-40.77	-13.00	-27.77	-	-
1.755G	1.756G	200k	1M	RMS	1.75501G	-41.83	-13.00	-28.83	-	-
1.756G	1.795G	200k	1M	RMS	1.7565G	-35.64	-13.00	-22.64	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.14427G	-51.06	-13.00	-38.06	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.87	-13.00	-31.87	-	-

Band 4 LTE_20MHz_1TX

1732.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

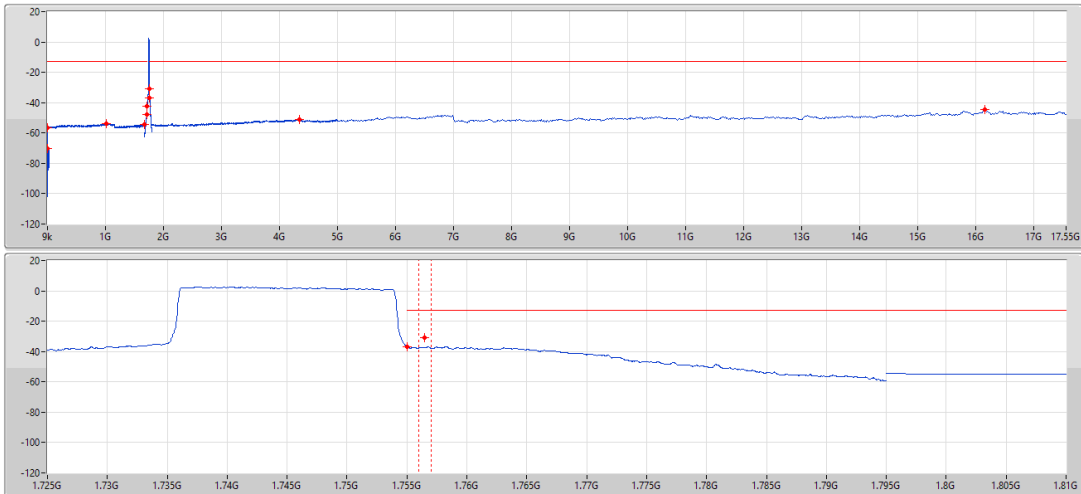


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	55.671k	-57.99	-13.00	-44.99	-	-
150k	30M	10k	30k	RMS	1.851M	-52.70	-13.00	-39.70	-	-
30M	1.5G	1M	3M	RMS	1.0149G	-53.82	-13.00	-40.82	-	-
1.5G	1.67G	1M	3M	RMS	1.6581G	-54.53	-13.00	-41.53	-	-
1.67G	1.709G	200k	1M	RMS	1.7055G	-49.53	-13.00	-36.53	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70988G	-61.36	-13.00	-48.36	-	-
1.755G	1.756G	200k	1M	RMS	1.75552G	-61.73	-13.00	-48.73	-	-
1.756G	1.795G	200k	1M	RMS	1.7595G	-33.79	-13.00	-20.79	MBW 1M	-
1.795G	5G	1M	3M	RMS	3.44878G	-50.88	-13.00	-37.88	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.68	-13.00	-31.68	-	-

Band 4_LTE_20MHz_1TX
1745MHz_16QAM_RB 100,#RB 0

CSE-TX-Sum

26/04/2023

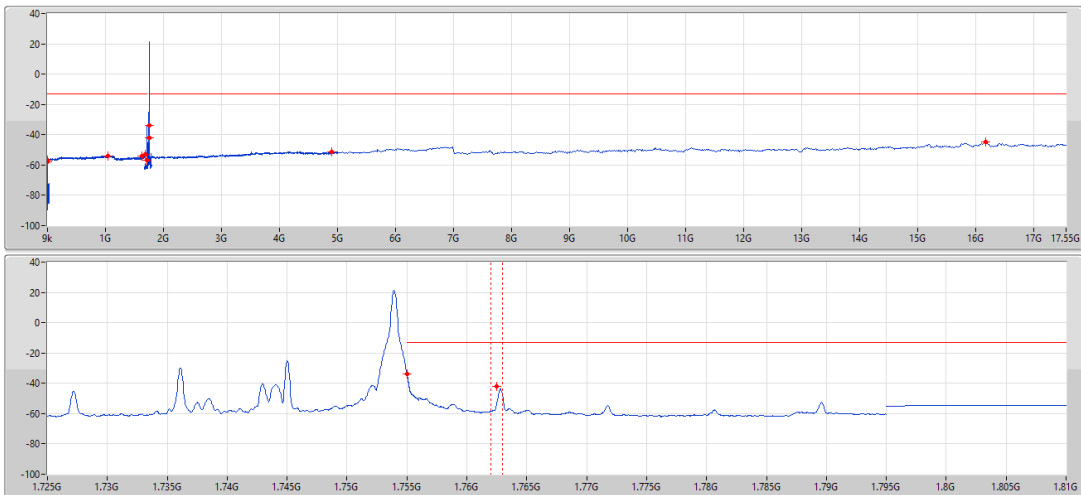


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	95.856k	-70.07	-13.00	-57.07	-	-
150k	30M	10k	30k	RMS	1.822M	-56.82	-13.00	-43.82	-	-
30M	1.5G	1M	3M	RMS	1.01196G	-53.96	-13.00	-40.96	-	-
1.5G	1.67G	1M	3M	RMS	1.66881G	-54.42	-13.00	-41.42	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-42.11	-13.00	-29.11	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70918G	-47.83	-13.00	-34.83	-	-
1.755G	1.756G	200k	1M	RMS	1.755G	-36.98	-13.00	-23.98	-	-
1.756G	1.795G	200k	1M	RMS	1.7565G	-30.76	-13.00	-17.76	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.34618G	-51.19	-13.00	-38.19	-	-
5G	17.55G	1M	3M	RMS	16.1444G	-44.66	-13.00	-31.66	-	-

Band 4_LTE_20MHz_1TX
1745MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023

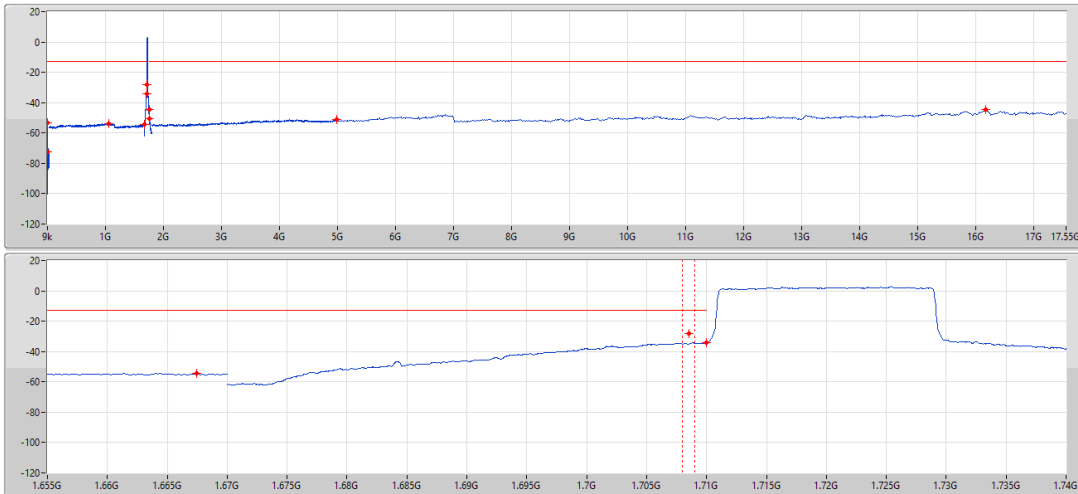


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	74.142k	-57.67	-13.00	-44.67	-	-
150k	30M	10k	30k	RMS	1.851M	-56.93	-13.00	-43.93	-	-
30M	1.5G	1M	3M	RMS	1.04577G	-53.80	-13.00	-40.80	-	-
1.5G	1.67G	1M	3M	RMS	1.6343G	-54.31	-13.00	-41.31	-	-
1.67G	1.709G	200k	1M	RMS	1.6865G	-53.11	-13.00	-40.11	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70938G	-57.05	-13.00	-44.05	-	-
1.755G	1.756G	200k	1M	RMS	1.755G	-33.66	-13.00	-20.66	-	-
1.756G	1.795G	200k	1M	RMS	1.7525G	-41.99	-13.00	-28.99	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.90385G	-51.16	-13.00	-38.16	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.78	-13.00	-31.78	-	-

Band 4_LTE_20MHz_1TX
1720MHz_64QAM_RB 100,#RB 0

CSE-TX-Sum

26/04/2023



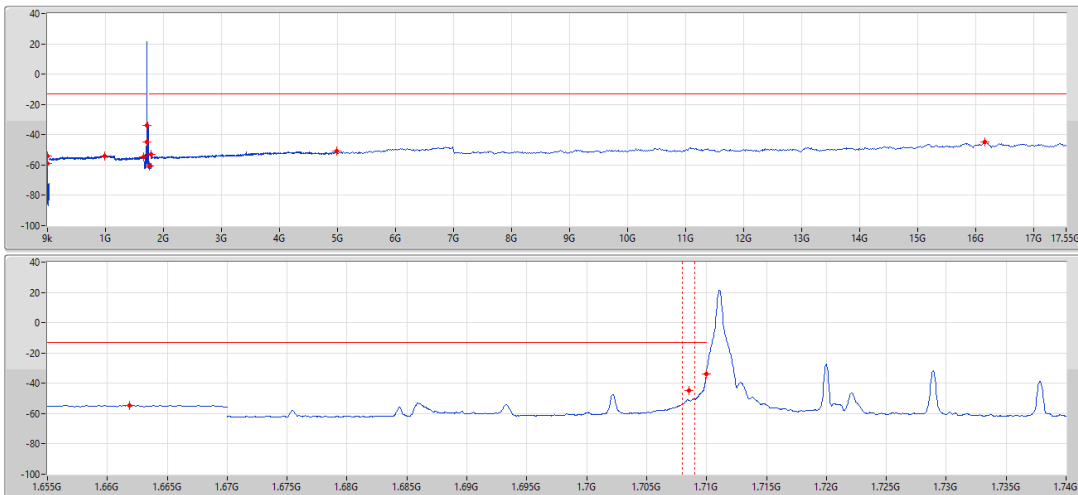
Limit
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	88.101k	-72.57	-13.00	-59.57	-	-
150k	30M	10k	30k	RMS	1.792M	-53.46	-13.00	-40.46	-	-
30M	1.5G	1M	3M	RMS	1.06341G	-53.87	-13.00	-40.87	-	-
1.5G	1.67G	1M	3M	RMS	1.66745G	-54.40	-13.00	-41.40	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-28.02	-13.00	-15.02	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-34.08	-13.00	-21.08	-	-
1.71G	1.756G	200k	1M	RMS	1.75576G	-50.31	-13.00	-37.31	-	-
1.756G	1.795G	200k	1M	RMS	1.7565G	-44.43	-13.00	-31.43	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.98077G	-50.93	-13.00	-37.93	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.76	-13.00	-31.76	-	-

Band 4_LTE_20MHz_1TX
1720MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023



Limit
Port 1

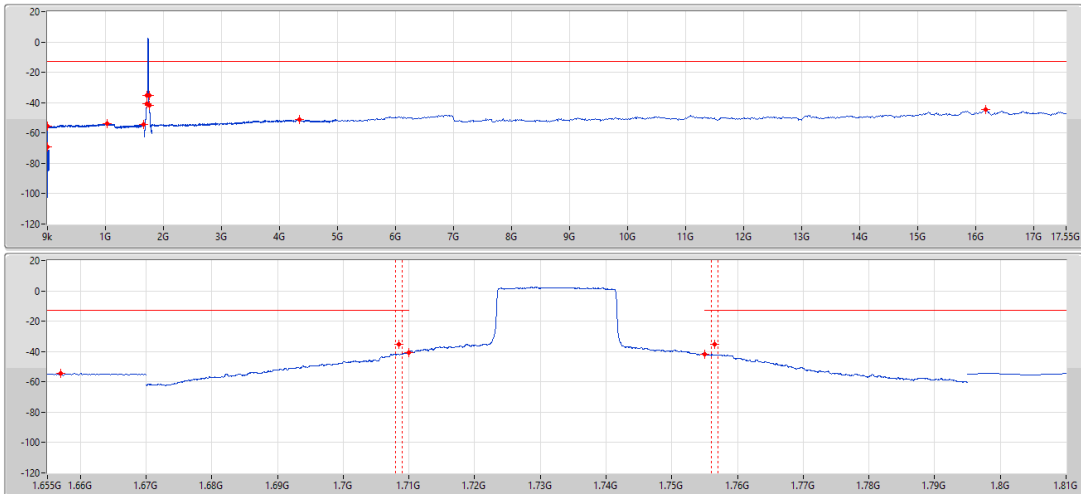
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	102.342k	-59.23	-13.00	-46.23	-	-
150k	30M	10k	30k	RMS	1.851M	-53.85	-13.00	-40.85	-	-
30M	1.5G	1M	3M	RMS	989.911M	-53.84	-13.00	-40.84	-	-
1.5G	1.67G	1M	3M	RMS	1.66184G	-54.39	-13.00	-41.39	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-44.73	-13.00	-31.73	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-33.73	-13.00	-20.73	-	-
1.71G	1.756G	200k	1M	RMS	1.75565G	-60.76	-13.00	-47.76	-	-
1.756G	1.795G	200k	1M	RMS	1.7885G	-53.87	-13.00	-39.87	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.99039G	-50.93	-13.00	-37.93	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.77	-13.00	-31.77	-	-

Band 4_LTE_20MHz_1TX

1732.5MHz_64QAM_RB 100,#RB 0

CSE-TX-Sum

26/04/2023



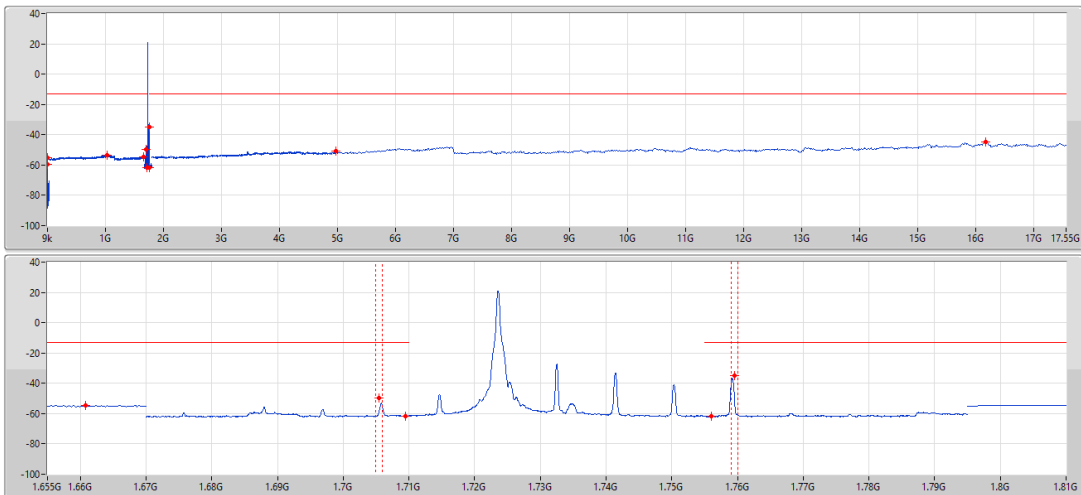
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	9.705k	-69.16	-13.00	-56.16	-	-
150k	30M	10k	30k	RMS	955.95k	-55.33	-13.00	-42.33	-	-
30M	1.5G	1M	3M	RMS	1.03254G	-53.67	-13.00	-40.67	-	-
1.5G	1.67G	1M	3M	RMS	1.65708G	-54.52	-13.00	-41.52	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-35.16	-13.00	-22.16	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.71G	-40.55	-13.00	-27.55	-	-
1.755G	1.756G	200k	1M	RMS	1.75503G	-41.75	-13.00	-28.75	-	-
1.756G	1.795G	200k	1M	RMS	1.7565G	-35.49	-13.00	-22.49	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.33977G	-51.10	-13.00	-38.10	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.53	-13.00	-31.53	-	-

Band 4_LTE_20MHz_1TX

1732.5MHz_64QAM_RB 1,#RB L

CSE-TX-Sum

26/04/2023

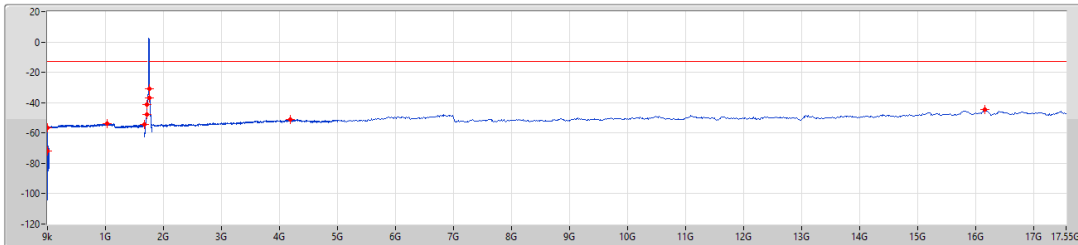


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	89.934k	-59.58	-13.00	-46.58	-	-
150k	30M	10k	30k	RMS	926.1k	-55.16	-13.00	-42.16	-	-
30M	1.5G	1M	3M	RMS	1.03254G	-53.62	-13.00	-40.62	-	-
1.5G	1.67G	1M	3M	RMS	1.66082G	-54.57	-13.00	-41.57	-	-
1.67G	1.709G	200k	1M	RMS	1.7055G	-49.90	-13.00	-36.90	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70945G	-61.53	-13.00	-48.53	-	-
1.755G	1.756G	200k	1M	RMS	1.756G	-61.86	-13.00	-48.86	-	-
1.756G	1.795G	200k	1M	RMS	1.7595G	-34.78	-13.00	-21.78	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.96475G	-50.96	-13.00	-37.96	-	-
5G	17.55G	1M	3M	RMS	16.1695G	-44.73	-13.00	-31.73	-	-

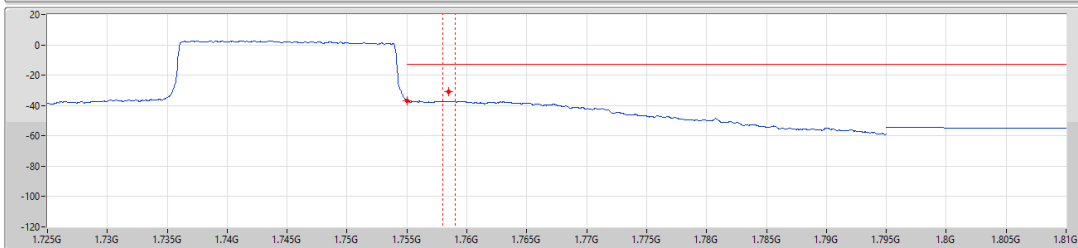
Band 4_LTE_20MHz_1TX
1745MHz_64QAM_RB 100,#RB 0

CSE-TX-Sum

26/04/2023



Limit
Port 1

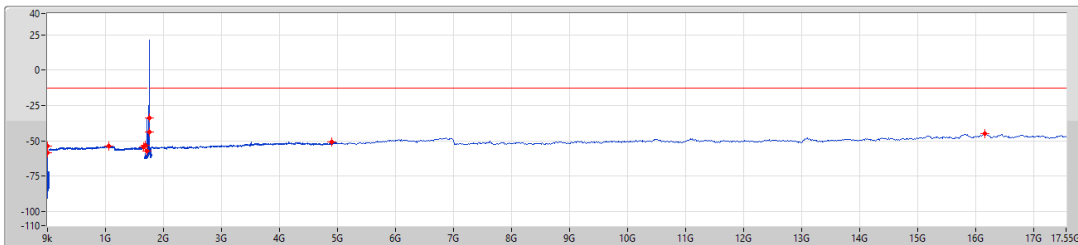


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	18.024k	-71.94	-13.00	-58.94	-	-
150k	30M	10k	30k	RMS	926.1k	-56.74	-13.00	-43.74	-	-
30M	1.5G	1M	3M	RMS	1.03107G	-53.59	-13.00	-40.59	-	-
1.5G	1.67G	1M	3M	RMS	1.66762G	-54.42	-13.00	-41.42	-	-
1.67G	1.709G	200k	1M	RMS	1.7085G	-41.44	-13.00	-28.44	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70912G	-47.88	-13.00	-34.88	-	-
1.755G	1.756G	200k	1M	RMS	1.755G	-36.78	-13.00	-23.78	-	-
1.756G	1.795G	200k	1M	RMS	1.7585G	-30.79	-13.00	-17.79	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.18273G	-51.16	-13.00	-38.16	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.79	-13.00	-31.79	-	-

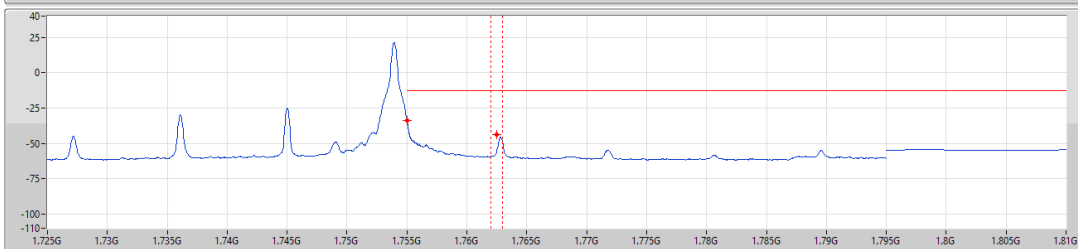
Band 4_LTE_20MHz_1TX
1745MHz_64QAM_RB 1,#RB H

CSE-TX-Sum

26/04/2023



Limit
Port 1



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	12.948k	-58.33	-13.00	-45.33	-	-
150k	30M	10k	30k	RMS	1.851M	-53.75	-13.00	-40.75	-	-
30M	1.5G	1M	3M	RMS	1.05165G	-53.77	-13.00	-40.77	-	-
1.5G	1.67G	1M	3M	RMS	1.65929G	-54.38	-13.00	-41.38	-	-
1.67G	1.709G	200k	1M	RMS	1.6865G	-52.94	-13.00	-39.94	MBW 1M	-
1.709G	1.71G	200k	1M	RMS	1.70936G	-57.25	-13.00	-44.25	-	-
1.755G	1.756G	200k	1M	RMS	1.755G	-33.99	-13.00	-20.99	-	-
1.756G	1.795G	200k	1M	RMS	1.7625G	-45.59	-13.00	-32.59	MBW 1M	-
1.795G	5G	1M	3M	RMS	4.90385G	-50.67	-13.00	-37.67	-	-
5G	17.55G	1M	3M	RMS	16.15695G	-44.92	-13.00	-31.92	-	-

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
Band 5	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_OPSK_1TX	Pass	823M	824M	20k	50k	RMS	824M	-26.01	-13.00	-13.01	-
LTE_3MHz_OPSK_1TX	Pass	823M	824M	30k	100k	RMS	824M	-21.13	-13.00	-8.13	-
LTE_5MHz_OPSK_1TX	Pass	849M	850M	50k	200k	RMS	849M	-23.49	-13.00	-10.49	-
LTE_10MHz_OPSK_1TX	Pass	823M	824M	100k	300k	RMS	824M	-31.91	-13.00	-18.91	-
LTE_1.4MHz_16QAM_1TX	Pass	849M	850M	20k	50k	RMS	849M	-27.50	-13.00	-14.50	-
LTE_3MHz_16QAM_1TX	Pass	823M	824M	30k	100k	RMS	824M	-21.11	-13.00	-8.11	-
LTE_5MHz_16QAM_1TX	Pass	823M	824M	50k	200k	RMS	824M	-23.43	-13.00	-10.43	-
LTE_10MHz_16QAM_1TX	Pass	823M	824M	100k	300k	RMS	824M	-32.67	-13.00	-19.67	-
LTE_1.4MHz_64QAM_1TX	Pass	849M	850M	20k	50k	RMS	849M	-29.29	-13.00	-16.29	-
LTE_3MHz_64QAM_1TX	Pass	823M	824M	30k	100k	RMS	824M	-21.48	-13.00	-8.48	-
LTE_5MHz_64QAM_1TX	Pass	849M	850M	50k	200k	RMS	849M	-24.27	-13.00	-11.27	-
LTE_10MHz_64QAM_1TX	Pass	823M	824M	100k	300k	RMS	824M	-32.56	-13.00	-19.56	-



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
Band 5_LTE_1.4MHz_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	13.935k	-66.99	-13.00	-53.99	-
824.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	478.35k	-62.05	-13.00	-49.05	-
824.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	30.47M	-63.76	-13.00	-50.76	-
824.7MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	821.2M	-49.64	-13.00	-36.64	-
824.7MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	822.95M	-38.15	-13.00	-25.15	MBW 100k
824.7MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	824M	-33.50	-13.00	-20.50	-
824.7MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.48M	-71.08	-13.00	-58.08	-
824.7MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.15M	-64.71	-13.00	-51.71	MBW 100k
824.7MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	879.51M	-62.72	-13.00	-49.72	-
824.7MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-43.34	-13.00	-30.34	-
824.7MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	63.567k	-57.53	-13.00	-44.53	-
824.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-60.59	-13.00	-47.59	-
824.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	395.66M	-63.89	-13.00	-50.89	-
824.7MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	820.88M	-57.80	-13.00	-44.80	-
824.7MHz_RB 1,#RB L	Pass	821.2M	823M	20k	50k	RMS	822.95M	-51.49	-13.00	-38.49	MBW 100k
824.7MHz_RB 1,#RB L	Pass	823M	824M	20k	50k	RMS	824M	-26.01	-13.00	-13.01	-
824.7MHz_RB 1,#RB L	Pass	849M	850M	20k	50k	RMS	849.7M	-71.17	-13.00	-58.17	-
824.7MHz_RB 1,#RB L	Pass	850M	851.8M	20k	50k	RMS	850.25M	-64.66	-13.00	-51.66	MBW 100k
824.7MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	963.84M	-62.48	-13.00	-49.48	-
824.7MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-43.17	-13.00	-30.17	-
836.5MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	41.994k	-67.10	-13.00	-54.10	-
836.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	269.4k	-60.76	-13.00	-47.76	-
836.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	417.28M	-63.04	-13.00	-50.04	-
836.5MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	800.64M	-63.22	-13.00	-50.22	-
836.5MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	821.25M	-64.59	-13.00	-51.59	MBW 100k
836.5MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.29M	-70.72	-13.00	-57.72	-
836.5MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.11M	-70.68	-13.00	-57.68	-
836.5MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.05M	-64.35	-13.00	-51.35	MBW 100k
836.5MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	933.16M	-61.92	-13.00	-48.92	-
836.5MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.67223G	-42.55	-13.00	-29.55	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	83.871k	-57.72	-13.00	-44.72	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.643M	-58.41	-13.00	-45.41	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	340.67M	-63.63	-13.00	-50.63	-
836.5MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	586.4M	-63.51	-13.00	-50.51	-
836.5MHz_RB 1,#RB L	Pass	821.2M	823M	20k	50k	RMS	821.95M	-64.51	-13.00	-51.51	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	20k	50k	RMS	823.74M	-70.99	-13.00	-57.99	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	20k	50k	RMS	849.78M	-70.61	-13.00	-57.61	-
836.5MHz_RB 1,#RB L	Pass	850M	851.8M	20k	50k	RMS	850.15M	-64.28	-13.00	-51.28	MBW 100k
836.5MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	881.88M	-62.48	-13.00	-49.48	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.67129G	-39.14	-13.00	-26.14	-
848.3MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	41.994k	-68.20	-13.00	-55.20	-
848.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	1.672M	-55.58	-13.00	-42.58	-
848.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	374.04M	-63.27	-13.00	-50.27	-
848.3MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	792.29M	-62.97	-13.00	-49.97	-
848.3MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	821.65M	-64.66	-13.00	-51.66	MBW 100k
848.3MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.34M	-71.22	-13.00	-58.22	-
848.3MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849M	-32.44	-13.00	-19.44	-
848.3MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.05M	-39.74	-13.00	-26.74	MBW 100k
848.3MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	851.8M	-56.49	-13.00	-43.49	-
848.3MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-44.41	-13.00	-31.41	-
848.3MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	104.034k	-58.20	-13.00	-45.20	-
848.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.643M	-57.29	-13.00	-44.29	-
848.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	393.31M	-63.57	-13.00	-50.57	-
848.3MHz_RB 1,#RB H	Pass	500M	821.2M	100k	300k	RMS	745.4M	-63.11	-13.00	-50.11	-
848.3MHz_RB 1,#RB H	Pass	821.2M	823M	20k	50k	RMS	821.75M	-64.79	-13.00	-51.79	MBW 100k
848.3MHz_RB 1,#RB H	Pass	823M	824M	20k	50k	RMS	823.8M	-71.20	-13.00	-58.20	-
848.3MHz_RB 1,#RB H	Pass	849M	850M	20k	50k	RMS	849M	-26.38	-13.00	-13.38	-
848.3MHz_RB 1,#RB H	Pass	850M	851.8M	20k	50k	RMS	850.15M	-53.82	-13.00	-40.82	MBW 100k
848.3MHz_RB 1,#RB H	Pass	851.8M	1G	100k	300k	RMS	860.84M	-60.97	-13.00	-47.97	-
848.3MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69751G	-41.77	-13.00	-28.77	-
Band 5_LTE_3MHz_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	16.896k	-69.93	-13.00	-56.93	-
825.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.523M	-59.88	-13.00	-46.88	-
825.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	272.05M	-63.48	-13.00	-50.48	-
825.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	818M	-49.64	-13.00	-36.64	-
825.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.95M	-32.89	-13.00	-19.89	MBW 100k
825.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	824M	-27.80	-13.00	-14.80	-
825.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849.43M	-69.59	-13.00	-56.59	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
825.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	851.55M	-64.97	-13.00	-51.97	MBW 100k
825.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	988.84M	-62.85	-13.00	-49.85	-
825.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.65069G	-45.57	-13.00	-32.57	-
825.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	131.952k	-58.35	-13.00	-45.35	-
825.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.33	-13.00	-49.33	-
825.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	255.13M	-63.50	-13.00	-50.50	-
825.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	815.77M	-60.42	-13.00	-47.42	-
825.5MHz_RB 1,#RB L	Pass	818M	823M	30k	100k	RMS	822.95M	-49.66	-13.00	-36.66	MBW 100k
825.5MHz_RB 1,#RB L	Pass	823M	824M	30k	100k	RMS	824M	-21.13	-13.00	-8.13	-
825.5MHz_RB 1,#RB L	Pass	849M	850M	30k	100k	RMS	849.74M	-69.41	-13.00	-56.41	-
825.5MHz_RB 1,#RB L	Pass	850M	855M	30k	100k	RMS	854.05M	-65.06	-13.00	-52.06	MBW 100k
825.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	995.51M	-61.97	-13.00	-48.97	-
825.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-38.94	-13.00	-25.94	-
836.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	10.41k	-71.04	-13.00	-58.04	-
836.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.105M	-55.54	-13.00	-42.54	-
836.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	240.09M	-63.82	-13.00	-50.82	-
836.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	813.55M	-63.42	-13.00	-50.42	-
836.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.75M	-62.09	-13.00	-49.09	MBW 100k
836.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	823.4M	-66.19	-13.00	-53.19	-
836.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849M	-66.44	-13.00	-53.44	-
836.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.15M	-63.17	-13.00	-50.17	MBW 100k
836.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	909.52M	-62.89	-13.00	-49.89	-
836.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.67223G	-45.82	-13.00	-32.82	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	106.854k	-55.88	-13.00	-42.88	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.86	-13.00	-48.86	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	312.47M	-62.99	-13.00	-49.99	-
836.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	817.68M	-63.33	-13.00	-50.33	-
836.5MHz_RB 1,#RB L	Pass	818M	823M	30k	100k	RMS	821.45M	-64.11	-13.00	-51.11	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	30k	100k	RMS	823.97M	-67.46	-13.00	-54.46	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	30k	100k	RMS	849.03M	-68.18	-13.00	-55.18	-
836.5MHz_RB 1,#RB L	Pass	850M	855M	30k	100k	RMS	850.55M	-64.72	-13.00	-51.72	MBW 100k
836.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	986.81M	-62.60	-13.00	-49.60	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.67036G	-39.92	-13.00	-26.92	-
847.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	16.755k	-70.30	-13.00	-57.30	-
847.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	2.12M	-61.20	-13.00	-48.20	-
847.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	389.08M	-63.25	-13.00	-50.25	-
847.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	812.28M	-63.58	-13.00	-50.58	-
847.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.45M	-64.99	-13.00	-51.99	MBW 100k
847.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	823.52M	-69.50	-13.00	-56.50	-
847.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849M	-27.86	-13.00	-14.86	-
847.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.15M	-34.69	-13.00	-21.69	MBW 100k
847.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	978.69M	-62.70	-13.00	-49.70	-
847.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.69376G	-45.98	-13.00	-32.98	-
847.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	93.882k	-57.14	-13.00	-44.14	-
847.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-64.75	-13.00	-51.75	-
847.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	259.36M	-63.67	-13.00	-50.67	-
847.5MHz_RB 1,#RB H	Pass	500M	818M	100k	300k	RMS	709.88M	-63.32	-13.00	-50.32	-
847.5MHz_RB 1,#RB H	Pass	818M	823M	30k	100k	RMS	821.65M	-65.05	-13.00	-52.05	MBW 100k
847.5MHz_RB 1,#RB H	Pass	823M	824M	30k	100k	RMS	823.44M	-69.77	-13.00	-56.77	-
847.5MHz_RB 1,#RB H	Pass	849M	850M	30k	100k	RMS	849M	-21.17	-13.00	-8.17	-
847.5MHz_RB 1,#RB H	Pass	850M	855M	30k	100k	RMS	850.05M	-46.73	-13.00	-33.73	MBW 100k
847.5MHz_RB 1,#RB H	Pass	855M	1G	100k	300k	RMS	860.8M	-60.53	-13.00	-47.53	-
847.5MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69751G	-41.99	-13.00	-28.99	-
Band 5_LTE_5MHz_QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	94.446k	-68.70	-13.00	-55.70	-
826.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.792M	-64.03	-13.00	-51.03	-
826.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	251.84M	-63.56	-13.00	-50.56	-
826.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	812.43M	-51.18	-13.00	-38.18	-
826.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.95M	-32.16	-13.00	-19.16	MBW 100k
826.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	824M	-29.30	-13.00	-16.30	-
826.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849.06M	-65.81	-13.00	-52.81	-
826.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.05M	-63.91	-13.00	-50.91	MBW 100k
826.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	912.16M	-62.65	-13.00	-49.65	-
826.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.65163G	-46.64	-13.00	-33.64	-
826.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	75.693k	-56.99	-13.00	-43.99	-
826.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.613M	-60.75	-13.00	-47.75	-
826.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	369.81M	-63.66	-13.00	-50.66	-
826.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	797.04M	-62.86	-13.00	-49.86	-
826.5MHz_RB 1,#RB L	Pass	814M	823M	50k	200k	RMS	820.05M	-51.94	-13.00	-38.94	MBW 100k
826.5MHz_RB 1,#RB L	Pass	823M	824M	50k	200k	RMS	824M	-23.53	-13.00	-10.53	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
826.5MHz_RB 1,#RB L	Pass	849M	850M	50k	200k	RMS	849.74M	-67.61	-13.00	-54.61	-
826.5MHz_RB 1,#RB L	Pass	850M	859M	50k	200k	RMS	852.95M	-64.64	-13.00	-51.64	MBW 100k
826.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	871.41M	-62.64	-13.00	-49.64	-
826.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-41.62	-13.00	-28.62	-
836.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	94.728k	-70.12	-13.00	-57.12	-
836.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.672M	-57.28	-13.00	-44.28	-
836.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	367.46M	-63.48	-13.00	-50.48	-
836.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	814M	-62.32	-13.00	-49.32	-
836.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.65M	-53.28	-13.00	-40.28	MBW 100k
836.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	823.1M	-56.37	-13.00	-43.37	-
836.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	850M	-58.38	-13.00	-45.38	-
836.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.25M	-55.95	-13.00	-42.95	MBW 100k
836.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	978.99M	-62.18	-13.00	-49.18	-
836.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.8525G	-47.36	-13.00	-34.36	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	90.921k	-56.62	-13.00	-43.62	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.57	-13.00	-48.57	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	367.93M	-63.18	-13.00	-50.18	-
836.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	813.69M	-63.38	-13.00	-50.38	-
836.5MHz_RB 1,#RB L	Pass	814M	823M	50k	200k	RMS	821.45M	-63.55	-13.00	-50.55	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	50k	200k	RMS	823.65M	-65.16	-13.00	-52.16	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	50k	200k	RMS	849.71M	-66.14	-13.00	-53.14	-
836.5MHz_RB 1,#RB L	Pass	850M	859M	50k	200k	RMS	850.15M	-64.44	-13.00	-51.44	MBW 100k
836.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	957.42M	-62.15	-13.00	-49.15	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.66848G	-41.10	-13.00	-28.10	-
846.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	18.447k	-69.99	-13.00	-56.99	-
846.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	2.807M	-58.00	-13.00	-45.00	-
846.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	324.22M	-63.10	-13.00	-50.10	-
846.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	775.38M	-63.26	-13.00	-50.26	-
846.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.65M	-63.89	-13.00	-50.89	MBW 100k
846.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	823.81M	-66.06	-13.00	-53.06	-
846.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849M	-30.25	-13.00	-17.25	-
846.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.05M	-33.95	-13.00	-20.95	MBW 100k
846.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	917.52M	-62.58	-13.00	-49.58	-
846.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.88808G	-47.09	-13.00	-34.09	-
846.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	74.001k	-58.15	-13.00	-45.15	-
846.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.643M	-59.23	-13.00	-46.23	-
846.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	356.18M	-62.92	-13.00	-49.92	-
846.5MHz_RB 1,#RB H	Pass	500M	814M	100k	300k	RMS	522.92M	-63.46	-13.00	-50.46	-
846.5MHz_RB 1,#RB H	Pass	814M	823M	50k	200k	RMS	816.55M	-64.94	-13.00	-51.94	MBW 100k
846.5MHz_RB 1,#RB H	Pass	823M	824M	50k	200k	RMS	823.11M	-67.88	-13.00	-54.88	-
846.5MHz_RB 1,#RB H	Pass	849M	850M	50k	200k	RMS	849M	-23.49	-13.00	-10.49	-
846.5MHz_RB 1,#RB H	Pass	850M	859M	50k	200k	RMS	850.85M	-48.88	-13.00	-35.88	MBW 100k
846.5MHz_RB 1,#RB H	Pass	859M	1G	100k	300k	RMS	860.97M	-61.84	-13.00	-48.84	-
846.5MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-39.37	-13.00	-26.37	-
Band 5_LTE_10MHz_OPSK_1TX	-	-	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	12.102k	-71.02	-13.00	-58.02	-
829MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.613M	-62.77	-13.00	-49.77	-
829MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	288.97M	-63.59	-13.00	-50.59	-
829MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	791.84M	-63.24	-13.00	-50.24	-
829MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.95M	-33.25	-13.00	-20.25	MBW 100k
829MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	824M	-31.91	-13.00	-18.91	-
829MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849.08M	-51.34	-13.00	-38.34	-
829MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.05M	-53.72	-13.00	-40.72	MBW 100k
829MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	873.72M	-62.71	-13.00	-49.71	-
829MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.87216G	-47.21	-13.00	-34.21	-
829MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	107.277k	-55.66	-13.00	-42.66	-
829MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-55.76	-13.00	-42.76	-
829MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	252.78M	-63.69	-13.00	-50.69	-
829MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	762.66M	-63.47	-13.00	-50.47	-
829MHz_RB 1,#RB L	Pass	804M	823M	100k	300k	RMS	815.75M	-54.20	-13.00	-41.20	MBW 100k
829MHz_RB 1,#RB L	Pass	823M	824M	100k	300k	RMS	824M	-34.47	-13.00	-21.47	-
829MHz_RB 1,#RB L	Pass	849M	850M	100k	300k	RMS	849.72M	-64.79	-13.00	-51.79	-
829MHz_RB 1,#RB L	Pass	850M	869M	100k	300k	RMS	862.95M	-62.62	-13.00	-49.62	MBW 100k
829MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	870.05M	-62.39	-13.00	-49.39	-
829MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-37.53	-13.00	-24.53	-
836.5MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	131.529k	-71.04	-13.00	-58.04	-
836.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.672M	-59.23	-13.00	-46.23	-
836.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	374.51M	-63.07	-13.00	-50.07	-
836.5MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	561.1M	-63.36	-13.00	-50.36	-
836.5MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.95M	-45.64	-13.00	-32.64	MBW 100k



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
836.5MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	823.19M	-42.85	-13.00	-29.85	-
836.5MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849.16M	-44.60	-13.00	-31.60	-
836.5MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.15M	-46.83	-13.00	-33.83	MBW 100k
836.5MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	877.52M	-62.53	-13.00	-49.53	-
836.5MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.77854G	-47.35	-13.00	-34.35	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	84.012k	-57.19	-13.00	-44.19	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-63.45	-13.00	-50.45	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	228.34M	-63.61	-13.00	-50.61	-
836.5MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	779.07M	-63.18	-13.00	-50.18	-
836.5MHz_RB 1,#RB L	Pass	804M	823M	100k	300k	RMS	822.95M	-60.80	-13.00	-47.80	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	100k	300k	RMS	823.29M	-55.47	-13.00	-42.47	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	100k	300k	RMS	849.72M	-54.39	-13.00	-41.39	-
836.5MHz_RB 1,#RB L	Pass	850M	869M	100k	300k	RMS	863.15M	-62.62	-13.00	-49.62	MBW 100k
836.5MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	975.37M	-61.91	-13.00	-48.91	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.6638G	-37.89	-13.00	-24.89	-
844MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	11.256k	-69.71	-13.00	-56.71	-
844MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	3.135M	-64.14	-13.00	-51.14	-
844MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	398.95M	-63.19	-13.00	-50.19	-
844MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	787.58M	-63.12	-13.00	-50.12	-
844MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	821.65M	-53.70	-13.00	-40.70	MBW 100k
844MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	823.82M	-53.00	-13.00	-40.00	-
844MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849M	-32.53	-13.00	-19.53	-
844MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.05M	-35.21	-13.00	-22.21	MBW 100k
844MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	979.04M	-62.12	-13.00	-49.12	-
844MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.69053G	-47.04	-13.00	-34.04	-
844MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	60.042k	-58.80	-13.00	-45.80	-
844MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-66.94	-13.00	-53.94	-
844MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	492.01M	-63.88	-13.00	-50.88	-
844MHz_RB 1,#RB H	Pass	500M	804M	100k	300k	RMS	773.9M	-62.83	-13.00	-49.83	-
844MHz_RB 1,#RB H	Pass	804M	823M	100k	300k	RMS	821.95M	-62.65	-13.00	-49.65	MBW 100k
844MHz_RB 1,#RB H	Pass	823M	824M	100k	300k	RMS	823.06M	-65.02	-13.00	-52.02	-
844MHz_RB 1,#RB H	Pass	849M	850M	100k	300k	RMS	849M	-34.07	-13.00	-21.07	-
844MHz_RB 1,#RB H	Pass	850M	869M	100k	300k	RMS	852.85M	-54.71	-13.00	-41.71	MBW 100k
844MHz_RB 1,#RB H	Pass	869M	1G	100k	300k	RMS	977.73M	-61.83	-13.00	-48.83	-
844MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-41.72	-13.00	-28.72	-
Band 5_LTE_1.4MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
824.7MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	90.075k	-65.51	-13.00	-52.51	-
824.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	388.8k	-61.09	-13.00	-48.09	-
824.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	381.56M	-63.61	-13.00	-50.61	-
824.7MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	821.2M	-52.88	-13.00	-39.88	-
824.7MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	822.95M	-39.33	-13.00	-26.33	MBW 100k
824.7MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.98M	-33.91	-13.00	-20.91	-
824.7MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.35M	-71.21	-13.00	-58.21	-
824.7MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.45M	-64.59	-13.00	-51.59	MBW 100k
824.7MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	983.85M	-62.81	-13.00	-49.81	-
824.7MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-43.95	-13.00	-30.95	-
824.7MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	33.675k	-57.87	-13.00	-44.87	-
824.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-63.98	-13.00	-50.98	-
824.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	349.13M	-63.22	-13.00	-50.22	-
824.7MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	820.56M	-57.67	-13.00	-44.67	-
824.7MHz_RB 1,#RB L	Pass	821.2M	823M	20k	50k	RMS	822.95M	-52.45	-13.00	-39.45	MBW 100k
824.7MHz_RB 1,#RB L	Pass	823M	824M	20k	50k	RMS	824M	-28.59	-13.00	-15.59	-
824.7MHz_RB 1,#RB L	Pass	849M	850M	20k	50k	RMS	849.09M	-70.73	-13.00	-57.73	-
824.7MHz_RB 1,#RB L	Pass	850M	851.8M	20k	50k	RMS	851.05M	-64.82	-13.00	-51.82	MBW 100k
824.7MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	882.92M	-63.02	-13.00	-50.02	-
824.7MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-40.46	-13.00	-27.46	-
836.5MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	88.947k	-65.94	-13.00	-52.94	-
836.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	657.45k	-57.45	-13.00	-44.45	-
836.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	491.07M	-63.38	-13.00	-50.38	-
836.5MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	744.43M	-63.21	-13.00	-50.21	-
836.5MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	822.25M	-64.55	-13.00	-51.55	MBW 100k
836.5MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.57M	-70.07	-13.00	-57.07	-
836.5MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.22M	-70.41	-13.00	-57.41	-
836.5MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.05M	-64.33	-13.00	-51.33	MBW 100k
836.5MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	941.02M	-62.75	-13.00	-49.75	-
836.5MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.67223G	-44.86	-13.00	-31.86	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	33.816k	-57.66	-13.00	-44.66	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.702M	-58.74	-13.00	-45.74	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	362.76M	-63.53	-13.00	-50.53	-
836.5MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	638.12M	-63.37	-13.00	-50.37	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
836.5MHz_RB 1,#RB L	Pass	821.2M	823M	20k	50k	RMS	821.25M	-64.56	-13.00	-51.56	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	20k	50k	RMS	823.96M	-70.45	-13.00	-57.45	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	20k	50k	RMS	849.61M	-70.67	-13.00	-57.67	-
836.5MHz_RB 1,#RB L	Pass	850M	851.8M	20k	50k	RMS	850.05M	-64.49	-13.00	-51.49	MBW 100k
836.5MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	997.48M	-62.86	-13.00	-49.86	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.67129G	-44.09	-13.00	-31.09	-
848.3MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	98.112k	-66.89	-13.00	-53.89	-
848.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	657.45k	-58.68	-13.00	-45.68	-
848.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	334.56M	-63.72	-13.00	-50.72	-
848.3MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	798.72M	-63.42	-13.00	-50.42	-
848.3MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	822.15M	-64.77	-13.00	-51.77	MBW 100k
848.3MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.65M	-70.92	-13.00	-57.92	-
848.3MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.05M	-33.70	-13.00	-20.70	-
848.3MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.05M	-40.93	-13.00	-27.93	MBW 100k
848.3MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	851.8M	-56.42	-13.00	-43.42	-
848.3MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-45.74	-13.00	-32.74	-
848.3MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	58.209k	-58.72	-13.00	-45.72	-
848.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-64.64	-13.00	-51.64	-
848.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	225.99M	-63.44	-13.00	-50.44	-
848.3MHz_RB 1,#RB H	Pass	500M	821.2M	100k	300k	RMS	778.48M	-63.17	-13.00	-50.17	-
848.3MHz_RB 1,#RB H	Pass	821.2M	823M	20k	50k	RMS	821.85M	-64.82	-13.00	-51.82	MBW 100k
848.3MHz_RB 1,#RB H	Pass	823M	824M	20k	50k	RMS	823.2M	-71.18	-13.00	-58.18	-
848.3MHz_RB 1,#RB H	Pass	849M	850M	20k	50k	RMS	849M	-27.50	-13.00	-14.50	-
848.3MHz_RB 1,#RB H	Pass	850M	851.8M	20k	50k	RMS	850.05M	-54.12	-13.00	-41.12	MBW 100k
848.3MHz_RB 1,#RB H	Pass	851.8M	1G	100k	300k	RMS	851.8M	-61.47	-13.00	-48.47	-
848.3MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69751G	-42.96	-13.00	-29.96	-
Band 5_LTE_3MHz_T6QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	10.269k	-68.33	-13.00	-55.33	-
825.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.702M	-62.21	-13.00	-49.21	-
825.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	327.98M	-63.45	-13.00	-50.45	-
825.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	818M	-51.90	-13.00	-38.90	-
825.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.95M	-33.11	-13.00	-20.11	MBW 100k
825.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	824M	-28.92	-13.00	-15.92	-
825.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849.99M	-69.40	-13.00	-56.40	-
825.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.55M	-65.00	-13.00	-52.00	MBW 100k
825.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	989.27M	-62.85	-13.00	-49.85	-
825.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.65069G	-44.56	-13.00	-31.56	-
825.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	33.534k	-57.25	-13.00	-44.25	-
825.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.643M	-58.67	-13.00	-45.67	-
825.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	336.44M	-63.63	-13.00	-50.63	-
825.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	818M	-59.64	-13.00	-46.64	-
825.5MHz_RB 1,#RB L	Pass	818M	823M	30k	100k	RMS	822.95M	-49.81	-13.00	-36.81	MBW 100k
825.5MHz_RB 1,#RB L	Pass	823M	824M	30k	100k	RMS	824M	-21.11	-13.00	-8.11	-
825.5MHz_RB 1,#RB L	Pass	849M	850M	30k	100k	RMS	849.68M	-69.46	-13.00	-56.46	-
825.5MHz_RB 1,#RB L	Pass	850M	855M	30k	100k	RMS	852.85M	-65.07	-13.00	-52.07	MBW 100k
825.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	967.09M	-61.84	-13.00	-48.84	-
825.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-38.81	-13.00	-25.81	-
836.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	125.607k	-68.50	-13.00	-55.50	-
836.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.643M	-61.03	-13.00	-48.03	-
836.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	217.06M	-63.54	-13.00	-50.54	-
836.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	550.24M	-63.63	-13.00	-50.63	-
836.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.75M	-61.91	-13.00	-48.91	MBW 100k
836.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	823.98M	-66.87	-13.00	-53.87	-
836.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849.14M	-66.95	-13.00	-53.95	-
836.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.25M	-63.87	-13.00	-50.87	MBW 100k
836.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	881.1M	-62.41	-13.00	-49.41	-
836.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.67223G	-47.06	-13.00	-34.06	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	33.675k	-57.35	-13.00	-44.35	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-60.38	-13.00	-47.38	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	383.91M	-63.50	-13.00	-50.50	-
836.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	756.94M	-63.19	-13.00	-50.19	-
836.5MHz_RB 1,#RB L	Pass	818M	823M	30k	100k	RMS	821.65M	-64.13	-13.00	-51.13	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	30k	100k	RMS	823.97M	-68.32	-13.00	-55.32	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	30k	100k	RMS	849.28M	-68.44	-13.00	-55.44	-
836.5MHz_RB 1,#RB L	Pass	850M	855M	30k	100k	RMS	854.75M	-64.95	-13.00	-51.95	MBW 100k
836.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	892.7M	-61.97	-13.00	-48.97	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.67036G	-44.66	-13.00	-31.66	-
847.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	97.266k	-69.79	-13.00	-56.79	-
847.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	2.031M	-61.78	-13.00	-48.78	-
847.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	424.8M	-63.61	-13.00	-50.61	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
847.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	615.12M	-63.52	-13.00	-50.52	-
847.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	821.05M	-65.10	-13.00	-52.10	MBW 100k
847.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	823.84M	-69.80	-13.00	-56.80	-
847.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849M	-28.85	-13.00	-15.85	-
847.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.05M	-35.28	-13.00	-22.28	MBW 100k
847.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	956.36M	-62.50	-13.00	-49.50	-
847.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.88059G	-46.99	-13.00	-33.99	-
847.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	23.523k	-59.89	-13.00	-46.89	-
847.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.672M	-57.71	-13.00	-44.71	-
847.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	214.71M	-63.74	-13.00	-50.74	-
847.5MHz_RB 1,#RB H	Pass	500M	818M	100k	300k	RMS	708.29M	-63.09	-13.00	-50.09	-
847.5MHz_RB 1,#RB H	Pass	818M	823M	30k	100k	RMS	822.75M	-65.03	-13.00	-52.03	MBW 100k
847.5MHz_RB 1,#RB H	Pass	823M	824M	30k	100k	RMS	823.29M	-70.07	-13.00	-57.07	-
847.5MHz_RB 1,#RB H	Pass	849M	850M	30k	100k	RMS	849M	-21.22	-13.00	-8.22	-
847.5MHz_RB 1,#RB H	Pass	850M	855M	30k	100k	RMS	850.05M	-47.76	-13.00	-34.76	MBW 100k
847.5MHz_RB 1,#RB H	Pass	855M	1G	100k	300k	RMS	860.95M	-61.84	-13.00	-48.84	-
847.5MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69751G	-42.25	-13.00	-29.25	-
Band 5_LTE_5MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	95.715k	-67.57	-13.00	-54.57	-
826.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.613M	-64.22	-13.00	-51.22	-
826.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	472.74M	-63.69	-13.00	-50.69	-
826.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	813.69M	-53.46	-13.00	-40.46	-
826.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.65M	-33.17	-13.00	-20.17	MBW 100k
826.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	824M	-30.50	-13.00	-17.50	-
826.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849.53M	-66.88	-13.00	-53.88	-
826.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.25M	-64.17	-13.00	-51.17	MBW 100k
826.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	987.59M	-62.05	-13.00	-49.05	-
826.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.65257G	-46.36	-13.00	-33.36	-
826.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	10.551k	-57.85	-13.00	-44.85	-
826.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-65.64	-13.00	-52.64	-
826.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	399.42M	-63.37	-13.00	-50.37	-
826.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	813.37M	-63.47	-13.00	-50.47	-
826.5MHz_RB 1,#RB L	Pass	814M	823M	50k	200k	RMS	822.15M	-52.51	-13.00	-39.51	MBW 100k
826.5MHz_RB 1,#RB L	Pass	823M	824M	50k	200k	RMS	824M	-23.43	-13.00	-10.43	-
826.5MHz_RB 1,#RB L	Pass	849M	850M	50k	200k	RMS	849.52M	-67.62	-13.00	-54.62	-
826.5MHz_RB 1,#RB L	Pass	850M	859M	50k	200k	RMS	858.15M	-64.81	-13.00	-51.81	MBW 100k
826.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	869.72M	-62.64	-13.00	-49.64	-
826.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-37.76	-13.00	-24.76	-
836.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	95.715k	-69.25	-13.00	-56.25	-
836.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.762M	-58.44	-13.00	-45.44	-
836.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	243.38M	-63.52	-13.00	-50.52	-
836.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	812.74M	-63.45	-13.00	-50.45	-
836.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.75M	-55.78	-13.00	-42.78	MBW 100k
836.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	823.73M	-57.31	-13.00	-44.31	-
836.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849.19M	-58.47	-13.00	-45.47	-
836.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.05M	-57.51	-13.00	-44.51	MBW 100k
836.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	879.3M	-62.98	-13.00	-49.98	-
836.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.96859G	-47.32	-13.00	-34.32	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	33.675k	-57.74	-13.00	-44.74	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-57.80	-13.00	-44.80	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	227.4M	-63.26	-13.00	-50.26	-
836.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	813.06M	-63.58	-13.00	-50.58	-
836.5MHz_RB 1,#RB L	Pass	814M	823M	50k	200k	RMS	821.45M	-63.82	-13.00	-50.82	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	50k	200k	RMS	823.65M	-65.43	-13.00	-52.43	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	50k	200k	RMS	849.58M	-66.11	-13.00	-53.11	-
836.5MHz_RB 1,#RB L	Pass	850M	859M	50k	200k	RMS	850.05M	-64.67	-13.00	-51.67	MBW 100k
836.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	990.69M	-62.89	-13.00	-49.89	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.66848G	-37.99	-13.00	-24.99	-
846.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	88.101k	-70.15	-13.00	-57.15	-
846.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.195M	-64.39	-13.00	-51.39	-
846.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	398.01M	-63.69	-13.00	-50.69	-
846.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	709.12M	-63.55	-13.00	-50.55	-
846.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.55M	-64.30	-13.00	-51.30	MBW 100k
846.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	823.7M	-66.88	-13.00	-53.88	-
846.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849M	-31.52	-13.00	-18.52	-
846.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.05M	-34.75	-13.00	-21.75	MBW 100k
846.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	931.9M	-62.97	-13.00	-49.97	-
846.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.91242G	-46.58	-13.00	-33.58	-
846.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	55.671k	-58.44	-13.00	-45.44	-
846.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-61.23	-13.00	-48.23	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
846.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	293.2M	-63.91	-13.00	-50.91	-
846.5MHz_RB 1,#RB H	Pass	500M	814M	100k	300k	RMS	718.23M	-63.47	-13.00	-50.47	-
846.5MHz_RB 1,#RB H	Pass	814M	823M	50k	200k	RMS	820.15M	-64.88	-13.00	-51.88	MBW 100k
846.5MHz_RB 1,#RB H	Pass	823M	824M	50k	200k	RMS	823.96M	-67.74	-13.00	-54.74	-
846.5MHz_RB 1,#RB H	Pass	849M	850M	50k	200k	RMS	849M	-23.60	-13.00	-10.60	-
846.5MHz_RB 1,#RB H	Pass	850M	859M	50k	200k	RMS	850.85M	-49.78	-13.00	-36.78	MBW 100k
846.5MHz_RB 1,#RB H	Pass	859M	1G	100k	300k	RMS	860.69M	-61.06	-13.00	-48.06	-
846.5MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-43.54	-13.00	-30.54	-
Band 5_LTE_10MHz_16QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	93.882k	-67.87	-13.00	-54.87	-
829MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.314M	-67.54	-13.00	-54.54	-
829MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	335.03M	-63.37	-13.00	-50.37	-
829MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	795.79M	-63.60	-13.00	-50.60	-
829MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.85M	-33.81	-13.00	-20.81	MBW 100k
829MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	824M	-32.67	-13.00	-19.67	-
829MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849.04M	-52.90	-13.00	-39.90	-
829MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.05M	-54.97	-13.00	-41.97	MBW 100k
829MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	872.67M	-62.54	-13.00	-49.54	-
829MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.85156G	-46.51	-13.00	-33.51	-
829MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	58.914k	-58.55	-13.00	-45.55	-
829MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.851M	-65.89	-13.00	-52.89	-
829MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	298.84M	-63.55	-13.00	-50.55	-
829MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	735.9M	-63.54	-13.00	-50.54	-
829MHz_RB 1,#RB L	Pass	804M	823M	100k	300k	RMS	815.65M	-54.56	-13.00	-41.56	MBW 100k
829MHz_RB 1,#RB L	Pass	823M	824M	100k	300k	RMS	824M	-33.96	-13.00	-20.96	-
829MHz_RB 1,#RB L	Pass	849M	850M	100k	300k	RMS	849.51M	-64.83	-13.00	-51.83	-
829MHz_RB 1,#RB L	Pass	850M	869M	100k	300k	RMS	863.45M	-62.55	-13.00	-49.55	MBW 100k
829MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	903.06M	-62.07	-13.00	-49.07	-
829MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-38.37	-13.00	-25.37	-
836.5MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	98.394k	-71.10	-13.00	-58.10	-
836.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	7.075M	-62.64	-13.00	-49.64	-
836.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	316.7M	-63.74	-13.00	-50.74	-
836.5MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	699.42M	-62.33	-13.00	-49.33	-
836.5MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.75M	-47.20	-13.00	-34.20	MBW 100k
836.5MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	824M	-45.00	-13.00	-32.00	-
836.5MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849.15M	-46.95	-13.00	-33.95	-
836.5MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.15M	-49.85	-13.00	-36.85	MBW 100k
836.5MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	878.17M	-62.45	-13.00	-49.45	-
836.5MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.87216G	-47.00	-13.00	-34.00	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	33.393k	-57.56	-13.00	-44.56	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-57.95	-13.00	-44.95	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	351.95M	-63.55	-13.00	-50.55	-
836.5MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	696.69M	-63.65	-13.00	-50.65	-
836.5MHz_RB 1,#RB L	Pass	804M	823M	100k	300k	RMS	822.95M	-60.44	-13.00	-47.44	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	100k	300k	RMS	823.19M	-55.73	-13.00	-42.73	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	100k	300k	RMS	849.74M	-55.70	-13.00	-42.70	-
836.5MHz_RB 1,#RB L	Pass	850M	869M	100k	300k	RMS	863.05M	-62.58	-13.00	-49.58	MBW 100k
836.5MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	884.46M	-62.55	-13.00	-49.55	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.6638G	-41.37	-13.00	-28.37	-
844MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	10.974k	-69.75	-13.00	-56.75	-
844MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.583M	-64.64	-13.00	-51.64	-
844MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	425.74M	-63.56	-13.00	-50.56	-
844MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	668.42M	-62.94	-13.00	-49.94	-
844MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.85M	-54.83	-13.00	-41.83	MBW 100k
844MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	823.99M	-54.51	-13.00	-41.51	-
844MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849M	-33.46	-13.00	-20.46	-
844MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.05M	-35.62	-13.00	-22.62	MBW 100k
844MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	886.03M	-62.25	-13.00	-49.25	-
844MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.85344G	-47.37	-13.00	-34.37	-
844MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	58.35k	-58.69	-13.00	-45.69	-
844MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-62.28	-13.00	-49.28	-
844MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	237.27M	-63.34	-13.00	-50.34	-
844MHz_RB 1,#RB H	Pass	500M	804M	100k	300k	RMS	740.46M	-63.35	-13.00	-50.35	-
844MHz_RB 1,#RB H	Pass	804M	823M	100k	300k	RMS	822.05M	-63.55	-13.00	-50.55	MBW 100k
844MHz_RB 1,#RB H	Pass	823M	824M	100k	300k	RMS	823.88M	-64.97	-13.00	-51.97	-
844MHz_RB 1,#RB H	Pass	849M	850M	100k	300k	RMS	849M	-34.44	-13.00	-21.44	-
844MHz_RB 1,#RB H	Pass	850M	869M	100k	300k	RMS	852.75M	-55.32	-13.00	-42.32	MBW 100k
844MHz_RB 1,#RB H	Pass	869M	1G	100k	300k	RMS	892.84M	-62.46	-13.00	-49.46	-
844MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-38.04	-13.00	-25.04	-
Band 5_LTE_1.4MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
824.7MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	41.853k	-67.07	-13.00	-54.07	-
824.7MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	657.45k	-58.38	-13.00	-45.38	-
824.7MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	348.66M	-63.39	-13.00	-50.39	-
824.7MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	821.2M	-50.02	-13.00	-37.02	-
824.7MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	822.95M	-39.83	-13.00	-26.83	MBW 100k
824.7MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.97M	-33.69	-13.00	-20.69	-
824.7MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.92M	-71.07	-13.00	-58.07	-
824.7MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.05M	-64.70	-13.00	-51.70	MBW 100k
824.7MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	975.84M	-62.76	-13.00	-49.76	-
824.7MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-43.52	-13.00	-30.52	-
824.7MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	71.886k	-59.78	-13.00	-46.78	-
824.7MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.31	-13.00	-46.31	-
824.7MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	480.26M	-63.59	-13.00	-50.59	-
824.7MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	821.2M	-57.24	-13.00	-44.24	-
824.7MHz_RB 1,#RB L	Pass	821.2M	823M	20k	50k	RMS	822.95M	-52.53	-13.00	-39.53	MBW 100k
824.7MHz_RB 1,#RB L	Pass	823M	824M	20k	50k	RMS	824M	-30.05	-13.00	-17.05	-
824.7MHz_RB 1,#RB L	Pass	849M	850M	20k	50k	RMS	849.3M	-70.54	-13.00	-57.54	-
824.7MHz_RB 1,#RB L	Pass	850M	851.8M	20k	50k	RMS	850.45M	-64.88	-13.00	-51.88	MBW 100k
824.7MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	980.73M	-62.38	-13.00	-49.38	-
824.7MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-42.83	-13.00	-29.83	-
836.5MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	130.965k	-66.77	-13.00	-53.77	-
836.5MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	448.5k	-61.81	-13.00	-48.81	-
836.5MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	246.2M	-63.31	-13.00	-50.31	-
836.5MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	782.66M	-63.26	-13.00	-50.26	-
836.5MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	821.35M	-64.77	-13.00	-51.77	MBW 100k
836.5MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.46M	-70.66	-13.00	-57.66	-
836.5MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.82M	-70.74	-13.00	-57.74	-
836.5MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.15M	-64.46	-13.00	-51.46	MBW 100k
836.5MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	967.25M	-62.41	-13.00	-49.41	-
836.5MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.67316G	-43.99	-13.00	-30.99	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	21.267k	-58.82	-13.00	-45.82	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.762M	-63.45	-13.00	-50.45	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	465.69M	-63.62	-13.00	-50.62	-
836.5MHz_RB 1,#RB L	Pass	500M	821.2M	100k	300k	RMS	798.72M	-63.20	-13.00	-50.20	-
836.5MHz_RB 1,#RB L	Pass	821.2M	823M	20k	50k	RMS	821.25M	-64.51	-13.00	-51.51	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	20k	50k	RMS	823.18M	-70.87	-13.00	-57.87	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	20k	50k	RMS	849.17M	-70.11	-13.00	-57.11	-
836.5MHz_RB 1,#RB L	Pass	850M	851.8M	20k	50k	RMS	850.05M	-64.48	-13.00	-51.48	MBW 100k
836.5MHz_RB 1,#RB L	Pass	851.8M	1G	100k	300k	RMS	851.8M	-62.82	-13.00	-49.82	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.67223G	-41.14	-13.00	-28.14	-
848.3MHz_RB 6,#RB 0	Pass	9k	150k	1k	3k	RMS	88.383k	-65.83	-13.00	-52.83	-
848.3MHz_RB 6,#RB 0	Pass	150k	30M	10k	30k	RMS	179.85k	-61.99	-13.00	-48.99	-
848.3MHz_RB 6,#RB 0	Pass	30M	500M	100k	300k	RMS	331.74M	-63.07	-13.00	-50.07	-
848.3MHz_RB 6,#RB 0	Pass	500M	821.2M	100k	300k	RMS	817.99M	-63.41	-13.00	-50.41	-
848.3MHz_RB 6,#RB 0	Pass	821.2M	823M	20k	50k	RMS	821.35M	-64.96	-13.00	-51.96	MBW 100k
848.3MHz_RB 6,#RB 0	Pass	823M	824M	20k	50k	RMS	823.15M	-71.23	-13.00	-58.23	-
848.3MHz_RB 6,#RB 0	Pass	849M	850M	20k	50k	RMS	849.02M	-34.81	-13.00	-21.81	-
848.3MHz_RB 6,#RB 0	Pass	850M	851.8M	20k	50k	RMS	850.05M	-41.49	-13.00	-28.49	MBW 100k
848.3MHz_RB 6,#RB 0	Pass	851.8M	1G	100k	300k	RMS	851.8M	-56.57	-13.00	-43.57	-
848.3MHz_RB 6,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-45.17	-13.00	-32.17	-
848.3MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	102.483k	-57.96	-13.00	-44.96	-
848.3MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	150k	-60.94	-13.00	-47.94	-
848.3MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	400.36M	-63.49	-13.00	-50.49	-
848.3MHz_RB 1,#RB H	Pass	500M	821.2M	100k	300k	RMS	738.33M	-63.17	-13.00	-50.17	-
848.3MHz_RB 1,#RB H	Pass	821.2M	823M	20k	50k	RMS	821.45M	-64.83	-13.00	-51.83	MBW 100k
848.3MHz_RB 1,#RB H	Pass	823M	824M	20k	50k	RMS	823.35M	-71.03	-13.00	-58.03	-
848.3MHz_RB 1,#RB H	Pass	849M	850M	20k	50k	RMS	849M	-29.29	-13.00	-16.29	-
848.3MHz_RB 1,#RB H	Pass	850M	851.8M	20k	50k	RMS	850.05M	-53.96	-13.00	-40.96	MBW 100k
848.3MHz_RB 1,#RB H	Pass	851.8M	1G	100k	300k	RMS	851.8M	-60.21	-13.00	-47.21	-
848.3MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69751G	-42.46	-13.00	-29.46	-
Band 5_LTE_3MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
825.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	88.665k	-67.37	-13.00	-54.37	-
825.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.672M	-58.77	-13.00	-45.77	-
825.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	312.94M	-63.69	-13.00	-50.69	-
825.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	818M	-52.47	-13.00	-39.47	-
825.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.95M	-33.05	-13.00	-20.05	MBW 100k
825.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	824M	-28.16	-13.00	-15.16	-
825.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849M	-69.61	-13.00	-56.61	-
825.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.05M	-64.94	-13.00	-51.94	MBW 100k
825.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	990.87M	-62.98	-13.00	-49.98	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
825.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.64976G	-47.02	-13.00	-34.02	-
825.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	30.714k	-58.89	-13.00	-45.89	-
825.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-62.99	-13.00	-49.99	-
825.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	340.67M	-63.87	-13.00	-50.87	-
825.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	818M	-61.08	-13.00	-48.08	-
825.5MHz_RB 1,#RB L	Pass	818M	823M	30k	100k	RMS	822.95M	-50.39	-13.00	-37.39	MBW 100k
825.5MHz_RB 1,#RB L	Pass	823M	824M	30k	100k	RMS	824M	-21.48	-13.00	-8.48	-
825.5MHz_RB 1,#RB L	Pass	849M	850M	30k	100k	RMS	849.67M	-69.47	-13.00	-56.47	-
825.5MHz_RB 1,#RB L	Pass	850M	855M	30k	100k	RMS	850.65M	-65.10	-13.00	-52.10	MBW 100k
825.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	994.06M	-62.38	-13.00	-49.38	-
825.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-37.90	-13.00	-24.90	-
836.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	11.961k	-69.76	-13.00	-56.76	-
836.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	1.702M	-58.73	-13.00	-45.73	-
836.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	388.61M	-63.46	-13.00	-50.46	-
836.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	614.8M	-63.51	-13.00	-50.51	-
836.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	822.95M	-63.54	-13.00	-50.54	MBW 100k
836.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	823.87M	-67.12	-13.00	-54.12	-
836.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849.05M	-67.18	-13.00	-54.18	-
836.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.05M	-64.06	-13.00	-51.06	MBW 100k
836.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	956.36M	-62.15	-13.00	-49.15	-
836.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.87965G	-47.17	-13.00	-34.17	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	101.919k	-58.56	-13.00	-45.56	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.643M	-58.21	-13.00	-45.21	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	469.45M	-63.55	-13.00	-50.55	-
836.5MHz_RB 1,#RB L	Pass	500M	818M	100k	300k	RMS	769.03M	-63.65	-13.00	-50.65	-
836.5MHz_RB 1,#RB L	Pass	818M	823M	30k	100k	RMS	821.55M	-64.25	-13.00	-51.25	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	30k	100k	RMS	824M	-68.41	-13.00	-55.41	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	30k	100k	RMS	849.04M	-68.58	-13.00	-55.58	-
836.5MHz_RB 1,#RB L	Pass	850M	855M	30k	100k	RMS	851.25M	-64.90	-13.00	-51.90	MBW 100k
836.5MHz_RB 1,#RB L	Pass	855M	1G	100k	300k	RMS	914.6M	-62.79	-13.00	-49.79	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.67036G	-39.38	-13.00	-26.38	-
847.5MHz_RB 15,#RB 0	Pass	9k	150k	1k	3k	RMS	91.485k	-68.33	-13.00	-55.33	-
847.5MHz_RB 15,#RB 0	Pass	150k	30M	10k	30k	RMS	538.05k	-60.16	-13.00	-47.16	-
847.5MHz_RB 15,#RB 0	Pass	30M	500M	100k	300k	RMS	376.39M	-63.54	-13.00	-50.54	-
847.5MHz_RB 15,#RB 0	Pass	500M	818M	100k	300k	RMS	724.51M	-63.26	-13.00	-50.26	-
847.5MHz_RB 15,#RB 0	Pass	818M	823M	30k	100k	RMS	821.85M	-65.08	-13.00	-52.08	MBW 100k
847.5MHz_RB 15,#RB 0	Pass	823M	824M	30k	100k	RMS	823.32M	-69.92	-13.00	-56.92	-
847.5MHz_RB 15,#RB 0	Pass	849M	850M	30k	100k	RMS	849M	-29.27	-13.00	-16.27	-
847.5MHz_RB 15,#RB 0	Pass	850M	855M	30k	100k	RMS	850.05M	-35.69	-13.00	-22.69	MBW 100k
847.5MHz_RB 15,#RB 0	Pass	855M	1G	100k	300k	RMS	993.91M	-62.24	-13.00	-49.24	-
847.5MHz_RB 15,#RB 0	Pass	1G	8.49G	1M	3M	RMS	1.6947G	-46.59	-13.00	-33.59	-
847.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	90.357k	-58.95	-13.00	-45.95	-
847.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.672M	-60.42	-13.00	-47.42	-
847.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	489.66M	-64.08	-13.00	-51.08	-
847.5MHz_RB 1,#RB H	Pass	500M	818M	100k	300k	RMS	752.49M	-63.72	-13.00	-50.72	-
847.5MHz_RB 1,#RB H	Pass	818M	823M	30k	100k	RMS	821.35M	-65.00	-13.00	-52.00	MBW 100k
847.5MHz_RB 1,#RB H	Pass	823M	824M	30k	100k	RMS	823.81M	-69.88	-13.00	-56.88	-
847.5MHz_RB 1,#RB H	Pass	849M	850M	30k	100k	RMS	849M	-22.15	-13.00	-9.15	-
847.5MHz_RB 1,#RB H	Pass	850M	855M	30k	100k	RMS	850.05M	-47.79	-13.00	-34.79	MBW 100k
847.5MHz_RB 1,#RB H	Pass	855M	1G	100k	300k	RMS	860.8M	-60.97	-13.00	-47.97	-
847.5MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69751G	-41.74	-13.00	-28.74	-
Band 5_LTE_5MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
826.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	9.564k	-69.70	-13.00	-56.70	-
826.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.643M	-60.10	-13.00	-47.10	-
826.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	480.73M	-64.10	-13.00	-51.10	-
826.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	813.69M	-53.48	-13.00	-40.48	-
826.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.95M	-32.74	-13.00	-19.74	MBW 100k
826.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	824M	-30.69	-13.00	-17.69	-
826.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849M	-66.88	-13.00	-53.88	-
826.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.75M	-64.48	-13.00	-51.48	MBW 100k
826.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	989.99M	-62.57	-13.00	-49.57	-
826.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.90867G	-47.21	-13.00	-34.21	-
826.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	28.035k	-56.88	-13.00	-43.88	-
826.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.672M	-59.83	-13.00	-46.83	-
826.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	275.81M	-63.60	-13.00	-50.60	-
826.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	813.69M	-61.71	-13.00	-48.71	-
826.5MHz_RB 1,#RB L	Pass	814M	823M	50k	200k	RMS	822.15M	-52.70	-13.00	-39.70	MBW 100k
826.5MHz_RB 1,#RB L	Pass	823M	824M	50k	200k	RMS	824M	-24.83	-13.00	-11.83	-
826.5MHz_RB 1,#RB L	Pass	849M	850M	50k	200k	RMS	849.04M	-67.49	-13.00	-54.49	-
826.5MHz_RB 1,#RB L	Pass	850M	859M	50k	200k	RMS	850.45M	-64.93	-13.00	-51.93	MBW 100k



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
826.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	976.88M	-62.75	-13.00	-49.75	-
826.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64789G	-41.35	-13.00	-28.35	-
836.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	131.106k	-70.18	-13.00	-57.18	-
836.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.493M	-62.58	-13.00	-49.58	-
836.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	294.14M	-63.45	-13.00	-50.45	-
836.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	671.44M	-63.42	-13.00	-50.42	-
836.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.95M	-56.09	-13.00	-43.09	MBW 100k
836.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	823.88M	-57.78	-13.00	-44.78	-
836.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849.04M	-58.68	-13.00	-45.68	-
836.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.05M	-57.87	-13.00	-44.87	MBW 100k
836.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	954.74M	-61.89	-13.00	-48.89	-
836.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.87965G	-47.35	-13.00	-34.35	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	12.807k	-58.63	-13.00	-45.63	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-61.45	-13.00	-48.45	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	433.26M	-63.51	-13.00	-50.51	-
836.5MHz_RB 1,#RB L	Pass	500M	814M	100k	300k	RMS	707.55M	-63.18	-13.00	-50.18	-
836.5MHz_RB 1,#RB L	Pass	814M	823M	50k	200k	RMS	821.45M	-63.89	-13.00	-50.89	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	50k	200k	RMS	823.55M	-65.41	-13.00	-52.41	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	50k	200k	RMS	849.4M	-65.76	-13.00	-52.76	-
836.5MHz_RB 1,#RB L	Pass	850M	859M	50k	200k	RMS	850.05M	-64.36	-13.00	-51.36	MBW 100k
836.5MHz_RB 1,#RB L	Pass	859M	1G	100k	300k	RMS	957M	-62.48	-13.00	-49.48	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.66755G	-44.61	-13.00	-31.61	-
846.5MHz_RB 25,#RB 0	Pass	9k	150k	1k	3k	RMS	89.934k	-70.17	-13.00	-57.17	-
846.5MHz_RB 25,#RB 0	Pass	150k	30M	10k	30k	RMS	1.583M	-61.18	-13.00	-48.18	-
846.5MHz_RB 25,#RB 0	Pass	30M	500M	100k	300k	RMS	286.15M	-63.72	-13.00	-50.72	-
846.5MHz_RB 25,#RB 0	Pass	500M	814M	100k	300k	RMS	787M	-63.10	-13.00	-50.10	-
846.5MHz_RB 25,#RB 0	Pass	814M	823M	50k	200k	RMS	822.35M	-64.44	-13.00	-51.44	MBW 100k
846.5MHz_RB 25,#RB 0	Pass	823M	824M	50k	200k	RMS	823.25M	-67.13	-13.00	-54.13	-
846.5MHz_RB 25,#RB 0	Pass	849M	850M	50k	200k	RMS	849M	-31.45	-13.00	-18.45	-
846.5MHz_RB 25,#RB 0	Pass	850M	859M	50k	200k	RMS	850.15M	-34.81	-13.00	-21.81	MBW 100k
846.5MHz_RB 25,#RB 0	Pass	859M	1G	100k	300k	RMS	998.03M	-62.82	-13.00	-49.82	-
846.5MHz_RB 25,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.71862G	-47.11	-13.00	-34.11	-
846.5MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	13.089k	-58.52	-13.00	-45.52	-
846.5MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.702M	-56.60	-13.00	-43.60	-
846.5MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	466.16M	-63.12	-13.00	-50.12	-
846.5MHz_RB 1,#RB H	Pass	500M	814M	100k	300k	RMS	508.79M	-63.52	-13.00	-50.52	-
846.5MHz_RB 1,#RB H	Pass	814M	823M	50k	200k	RMS	821.95M	-64.95	-13.00	-51.95	MBW 100k
846.5MHz_RB 1,#RB H	Pass	823M	824M	50k	200k	RMS	823.23M	-67.66	-13.00	-54.66	-
846.5MHz_RB 1,#RB H	Pass	849M	850M	50k	200k	RMS	849M	-24.27	-13.00	-11.27	-
846.5MHz_RB 1,#RB H	Pass	850M	859M	50k	200k	RMS	850.85M	-50.21	-13.00	-37.21	MBW 100k
846.5MHz_RB 1,#RB H	Pass	859M	1G	100k	300k	RMS	860.83M	-60.61	-13.00	-47.61	-
846.5MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-44.09	-13.00	-31.09	-
Band 5_LTE_10MHz_64QAM_1TX	-	-	-	-	-	-	-	-	-	-	-
829MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	9.846k	-69.92	-13.00	-56.92	-
829MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	3.702M	-58.68	-13.00	-45.68	-
829MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	305.42M	-63.32	-13.00	-50.32	-
829MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	783.94M	-63.69	-13.00	-50.69	-
829MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.95M	-34.43	-13.00	-21.43	MBW 100k
829MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	824M	-32.56	-13.00	-19.56	-
829MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849.1M	-52.98	-13.00	-39.98	-
829MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.35M	-54.49	-13.00	-41.49	MBW 100k
829MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	963.19M	-62.09	-13.00	-49.09	-
829MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.87122G	-47.21	-13.00	-34.21	-
829MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	12.807k	-58.62	-13.00	-45.62	-
829MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	1.762M	-58.54	-13.00	-45.54	-
829MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	391.9M	-63.50	-13.00	-50.50	-
829MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	734.69M	-63.31	-13.00	-50.31	-
829MHz_RB 1,#RB L	Pass	804M	823M	100k	300k	RMS	822.95M	-54.15	-13.00	-41.15	MBW 100k
829MHz_RB 1,#RB L	Pass	823M	824M	100k	300k	RMS	824M	-35.20	-13.00	-22.20	-
829MHz_RB 1,#RB L	Pass	849M	850M	100k	300k	RMS	849.75M	-64.72	-13.00	-51.72	-
829MHz_RB 1,#RB L	Pass	850M	869M	100k	300k	RMS	863.65M	-62.35	-13.00	-49.35	MBW 100k
829MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	881.97M	-62.67	-13.00	-49.67	-
829MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.64882G	-42.75	-13.00	-29.75	-
836.5MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	93.036k	-70.72	-13.00	-57.72	-
836.5MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	4.717M	-57.13	-13.00	-44.13	-
836.5MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	382.5M	-63.23	-13.00	-50.23	-
836.5MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	675.1M	-63.10	-13.00	-50.10	-
836.5MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	822.75M	-47.52	-13.00	-34.52	MBW 100k
836.5MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	824M	-44.87	-13.00	-31.87	-
836.5MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849.2M	-46.88	-13.00	-33.88	-



CSE-TX-Sum-UE (Mode 6: LTE Band 5)

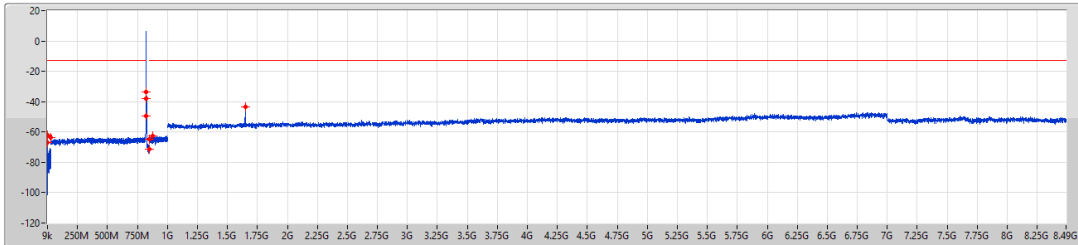
Appendix D.6

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	VBW (Hz)	Detector	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Remark
836.5MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.05M	-49.09	-13.00	-36.09	MBW 100k
836.5MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	885.64M	-62.34	-13.00	-49.34	-
836.5MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.83097G	-46.77	-13.00	-33.77	-
836.5MHz_RB 1,#RB L	Pass	9k	150k	1k	3k	RMS	24.792k	-57.88	-13.00	-44.88	-
836.5MHz_RB 1,#RB L	Pass	150k	30M	10k	30k	RMS	150k	-59.99	-13.00	-46.99	-
836.5MHz_RB 1,#RB L	Pass	30M	500M	100k	300k	RMS	484.96M	-63.76	-13.00	-50.76	-
836.5MHz_RB 1,#RB L	Pass	500M	804M	100k	300k	RMS	786.67M	-62.91	-13.00	-49.91	-
836.5MHz_RB 1,#RB L	Pass	804M	823M	100k	300k	RMS	818.95M	-60.47	-13.00	-47.47	MBW 100k
836.5MHz_RB 1,#RB L	Pass	823M	824M	100k	300k	RMS	823.29M	-56.14	-13.00	-43.14	-
836.5MHz_RB 1,#RB L	Pass	849M	850M	100k	300k	RMS	849.72M	-56.34	-13.00	-43.34	-
836.5MHz_RB 1,#RB L	Pass	850M	869M	100k	300k	RMS	863.05M	-62.24	-13.00	-49.24	MBW 100k
836.5MHz_RB 1,#RB L	Pass	869M	1G	100k	300k	RMS	968.3M	-62.64	-13.00	-49.64	-
836.5MHz_RB 1,#RB L	Pass	1G	8.49G	1M	3M	RMS	1.66474G	-45.50	-13.00	-32.50	-
844MHz_RB 50,#RB 0	Pass	9k	150k	1k	3k	RMS	18.306k	-67.80	-13.00	-54.80	-
844MHz_RB 50,#RB 0	Pass	150k	30M	10k	30k	RMS	1.314M	-66.74	-13.00	-53.74	-
844MHz_RB 50,#RB 0	Pass	30M	500M	100k	300k	RMS	370.28M	-63.54	-13.00	-50.54	-
844MHz_RB 50,#RB 0	Pass	500M	804M	100k	300k	RMS	637.41M	-63.46	-13.00	-50.46	-
844MHz_RB 50,#RB 0	Pass	804M	823M	100k	300k	RMS	820.85M	-54.86	-13.00	-41.86	MBW 100k
844MHz_RB 50,#RB 0	Pass	823M	824M	100k	300k	RMS	823.39M	-54.59	-13.00	-41.59	-
844MHz_RB 50,#RB 0	Pass	849M	850M	100k	300k	RMS	849M	-33.60	-13.00	-20.60	-
844MHz_RB 50,#RB 0	Pass	850M	869M	100k	300k	RMS	850.05M	-35.68	-13.00	-22.68	MBW 100k
844MHz_RB 50,#RB 0	Pass	869M	1G	100k	300k	RMS	884.98M	-62.61	-13.00	-49.61	-
844MHz_RB 50,#RB 0	Pass	1G	8.49G	1M	3M	RMS	6.87122G	-47.16	-13.00	-34.16	-
844MHz_RB 1,#RB H	Pass	9k	150k	1k	3k	RMS	20.985k	-59.98	-13.00	-46.98	-
844MHz_RB 1,#RB H	Pass	150k	30M	10k	30k	RMS	1.643M	-58.40	-13.00	-45.40	-
844MHz_RB 1,#RB H	Pass	30M	500M	100k	300k	RMS	349.13M	-62.72	-13.00	-49.72	-
844MHz_RB 1,#RB H	Pass	500M	804M	100k	300k	RMS	743.5M	-63.42	-13.00	-50.42	-
844MHz_RB 1,#RB H	Pass	804M	823M	100k	300k	RMS	821.95M	-63.45	-13.00	-50.45	MBW 100k
844MHz_RB 1,#RB H	Pass	823M	824M	100k	300k	RMS	823.41M	-65.06	-13.00	-52.06	-
844MHz_RB 1,#RB H	Pass	849M	850M	100k	300k	RMS	849M	-35.05	-13.00	-22.05	-
844MHz_RB 1,#RB H	Pass	850M	869M	100k	300k	RMS	852.75M	-55.94	-13.00	-42.94	MBW 100k
844MHz_RB 1,#RB H	Pass	869M	1G	100k	300k	RMS	888.26M	-62.26	-13.00	-49.26	-
844MHz_RB 1,#RB H	Pass	1G	8.49G	1M	3M	RMS	1.69657G	-42.16	-13.00	-29.16	-

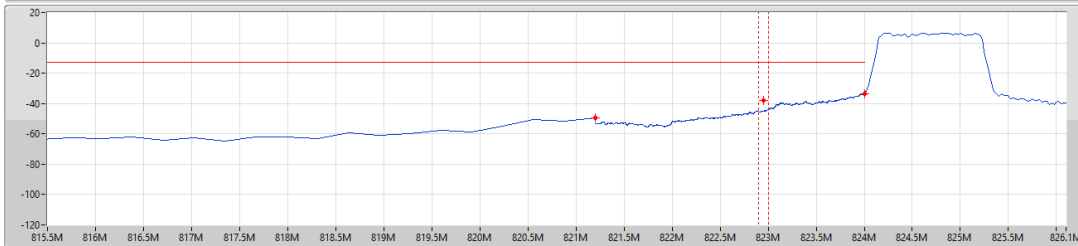
Band 5_LTE_1.4MHz_1TX
824.7MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum

22/04/2023



Limit
Port 1

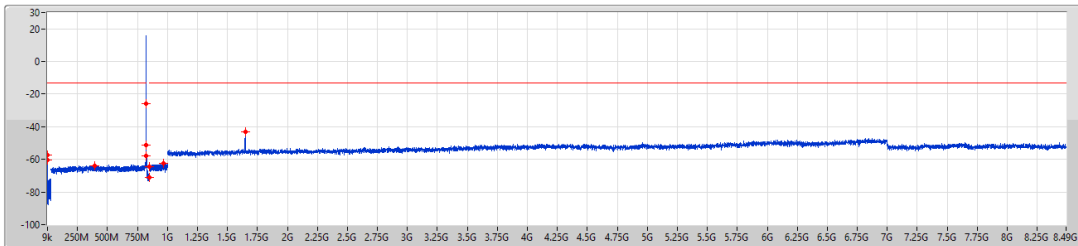


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	13.935k	-66.99	-13.00	-53.99	-	-
150k	30M	10k	30k	RMS	478.35k	-62.05	-13.00	-49.05	-	-
30M	500M	100k	300k	RMS	30.47M	-63.76	-13.00	-50.76	-	-
500M	821.2M	100k	300k	RMS	821.2M	-49.64	-13.00	-36.64	-	-
821.2M	823M	20k	50k	RMS	822.95M	-38.15	-13.00	-25.15	MBW 100k	-
823M	824M	20k	50k	RMS	824M	-33.50	-13.00	-20.50	-	-
849M	850M	20k	50k	RMS	849.48M	-71.08	-13.00	-58.08	-	-
850M	851.8M	20k	50k	RMS	850.15M	-64.71	-13.00	-51.71	MBW 100k	-
851.8M	1G	100k	300k	RMS	879.51M	-62.72	-13.00	-49.72	-	-
1G	8.49G	1M	3M	RMS	1.64882G	-43.34	-13.00	-30.34	-	-

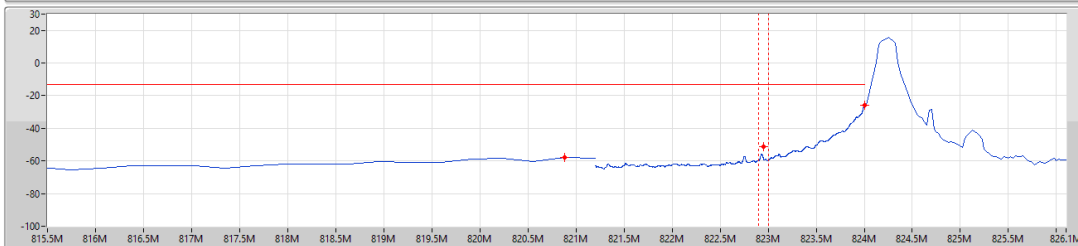
Band 5_LTE_1.4MHz_1TX
824.7MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

22/04/2023



Limit
Port 1

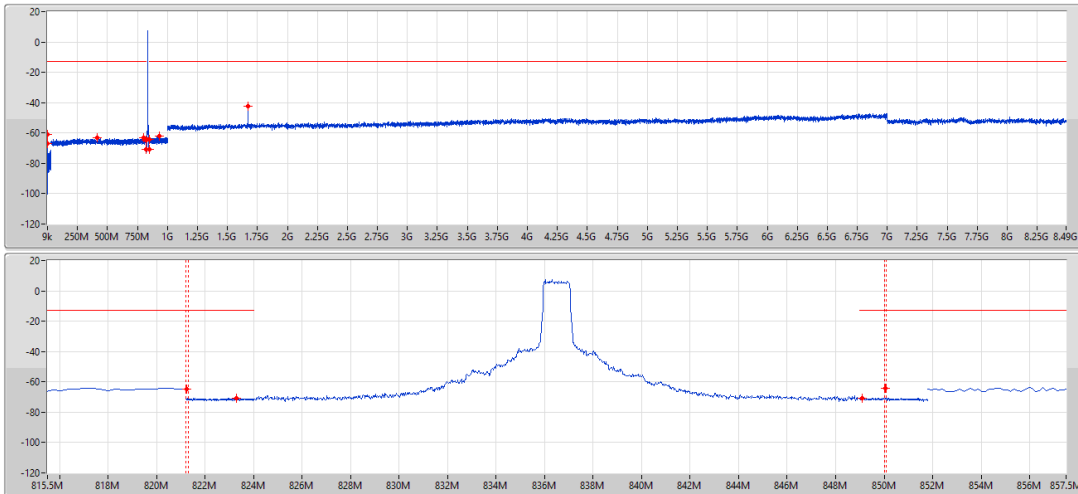


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	63.567k	-57.53	-13.00	-44.53	-	-
150k	30M	10k	30k	RMS	150k	-60.59	-13.00	-47.59	-	-
30M	500M	100k	300k	RMS	395.66M	-63.89	-13.00	-50.89	-	-
500M	821.2M	100k	300k	RMS	820.88M	-57.80	-13.00	-44.80	-	-
821.2M	823M	20k	50k	RMS	822.95M	-51.49	-13.00	-38.49	MBW 100k	-
823M	824M	20k	50k	RMS	824M	-26.01	-13.00	-13.01	-	-
849M	850M	20k	50k	RMS	849.7M	-71.17	-13.00	-58.17	-	-
850M	851.8M	20k	50k	RMS	850.25M	-64.66	-13.00	-51.66	MBW 100k	-
851.8M	1G	100k	300k	RMS	963.84M	-62.48	-13.00	-49.48	-	-
1G	8.49G	1M	3M	RMS	1.64882G	-43.17	-13.00	-30.17	-	-

Band 5 LTE_1.4MHz_1TX
836.5MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum

22/04/2023

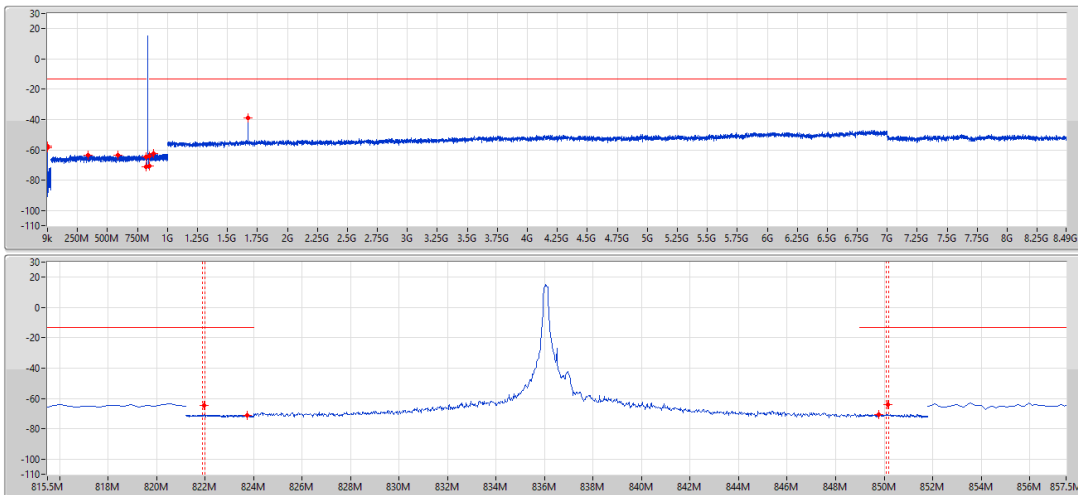


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	41.994k	-67.10	-13.00	-54.10	-	-
150k	30M	10k	30k	RMS	269.4k	-60.76	-13.00	-47.76	-	-
30M	500M	100k	300k	RMS	417.28M	-63.04	-13.00	-50.04	-	-
500M	821.2M	100k	300k	RMS	800.64M	-63.22	-13.00	-50.22	-	-
821.2M	823M	20k	50k	RMS	821.25M	-64.59	-13.00	-51.59	MBW 100k	-
823M	824M	20k	50k	RMS	823.29M	-70.72	-13.00	-57.72	-	-
849M	850M	20k	50k	RMS	849.11M	-70.68	-13.00	-57.68	-	-
850M	851.8M	20k	50k	RMS	850.05M	-64.35	-13.00	-51.35	MBW 100k	-
851.8M	1G	100k	300k	RMS	933.16M	-61.92	-13.00	-48.92	-	-
1G	8.49G	1M	3M	RMS	1.67229G	-42.55	-13.00	-29.55	-	-

Band 5 LTE_1.4MHz_1TX
836.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

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F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	83.871k	-57.72	-13.00	-44.72	-	-
150k	30M	10k	30k	RMS	1.643M	-58.41	-13.00	-45.41	-	-
30M	500M	100k	300k	RMS	340.67M	-63.63	-13.00	-50.63	-	-
500M	821.2M	100k	300k	RMS	586.4M	-63.51	-13.00	-50.51	-	-
821.2M	823M	20k	50k	RMS	821.95M	-64.51	-13.00	-51.51	MBW 100k	-
823M	824M	20k	50k	RMS	823.74M	-70.99	-13.00	-57.99	-	-
849M	850M	20k	50k	RMS	849.78M	-70.61	-13.00	-57.61	-	-
850M	851.8M	20k	50k	RMS	850.15M	-64.28	-13.00	-51.28	MBW 100k	-
851.8M	1G	100k	300k	RMS	881.88M	-62.48	-13.00	-49.48	-	-
1G	8.49G	1M	3M	RMS	1.67129G	-39.14	-13.00	-26.14	-	-

Band 5 LTE_1.4MHz_1TX
848.3MHz_QPSK_RB 6,#RB 0

CSE-TX-Sum

22/04/2023

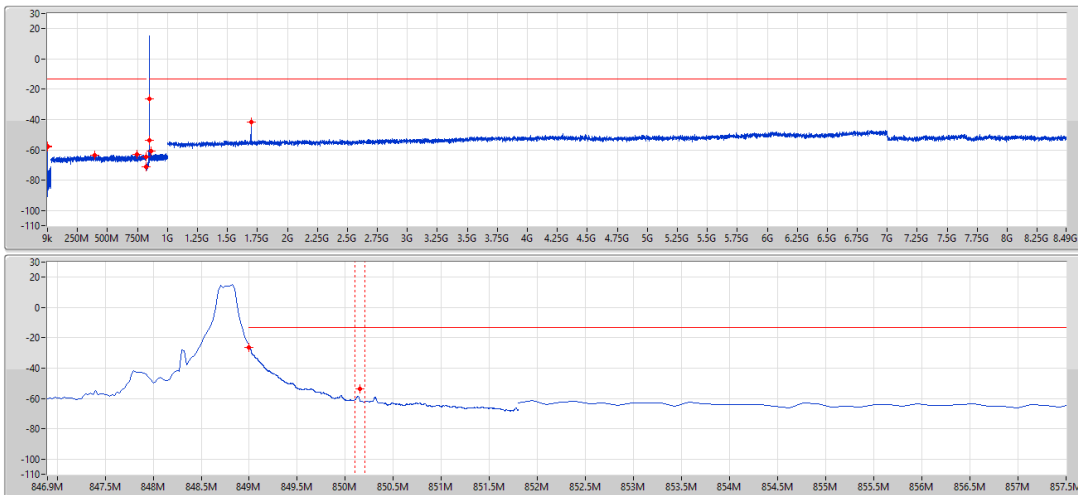


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	41.994k	-68.20	-13.00	-55.20	-	-
150k	30M	10k	30k	RMS	1.672M	-55.58	-13.00	-42.58	-	-
30M	500M	100k	300k	RMS	374.04M	-63.27	-13.00	-50.27	-	-
500M	821.2M	100k	300k	RMS	792.29M	-62.97	-13.00	-49.97	-	-
821.2M	823M	20k	50k	RMS	821.65M	-64.66	-13.00	-51.66	MBW 100k	-
823M	824M	20k	50k	RMS	823.34M	-71.22	-13.00	-58.22	-	-
849M	850M	20k	50k	RMS	849M	-32.44	-13.00	-19.44	-	-
850M	851.8M	20k	50k	RMS	850.05M	-39.74	-13.00	-26.74	MBW 100k	-
851.8M	1G	100k	300k	RMS	851.8M	-56.49	-13.00	-43.49	-	-
1G	8.49G	1M	3M	RMS	1.69657G	-44.41	-13.00	-31.41	-	-

Band 5 LTE_1.4MHz_1TX
848.3MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

22/04/2023

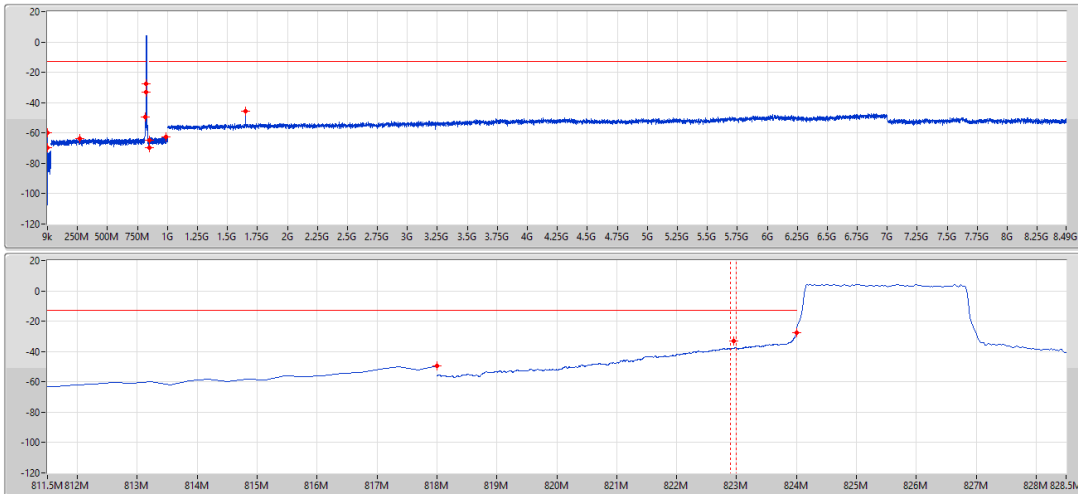


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	104.034k	-58.20	-13.00	-45.20	-	-
150k	30M	10k	30k	RMS	1.643M	-57.29	-13.00	-44.29	-	-
30M	500M	100k	300k	RMS	393.31M	-63.57	-13.00	-50.57	-	-
500M	821.2M	100k	300k	RMS	745.4M	-63.11	-13.00	-50.11	-	-
821.2M	823M	20k	50k	RMS	821.75M	-64.79	-13.00	-51.79	MBW 100k	-
823M	824M	20k	50k	RMS	823.8M	-71.20	-13.00	-58.20	-	-
849M	850M	20k	50k	RMS	849M	-26.36	-13.00	-13.36	-	-
850M	851.8M	20k	50k	RMS	850.15M	-53.82	-13.00	-40.82	-	-
851.8M	1G	100k	300k	RMS	860.84M	-60.97	-13.00	-47.97	-	-
1G	8.49G	1M	3M	RMS	1.69751G	-41.77	-13.00	-28.77	-	-

Band 5 LTE_3MHz_1TX
825.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum

22/04/2023

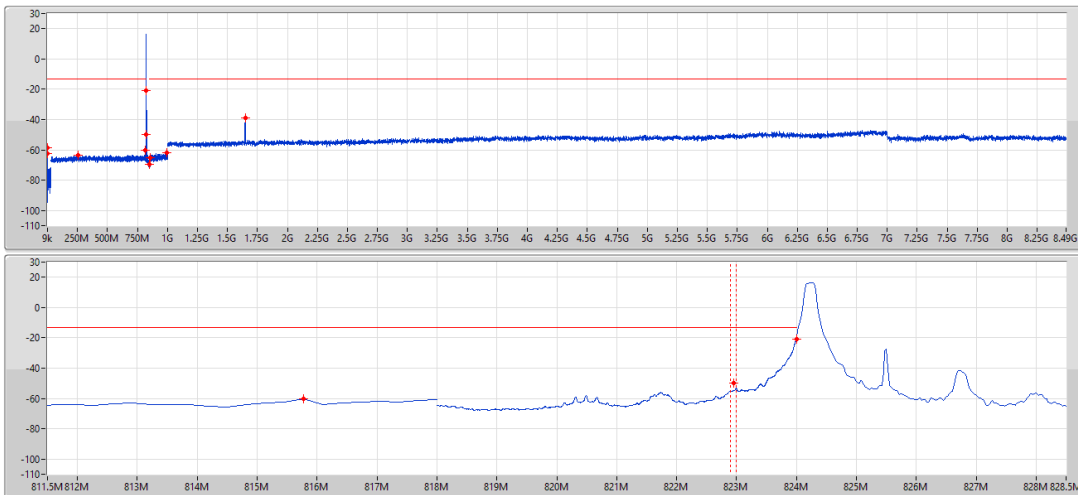


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	16.896k	-69.93	-13.00	-56.93	-	-
150k	30M	10k	30k	RMS	1.523M	-59.88	-13.00	-46.88	-	-
30M	500M	100k	300k	RMS	272.05M	-63.48	-13.00	-50.48	-	-
500M	818M	100k	300k	RMS	818M	-49.64	-13.00	-36.64	-	-
818M	823M	30k	100k	RMS	822.95M	-32.89	-13.00	-19.89	MBW 100k	-
823M	824M	30k	100k	RMS	824M	-27.80	-13.00	-14.80	-	-
849M	850M	30k	100k	RMS	849.43M	-69.59	-13.00	-56.59	-	-
850M	855M	30k	100k	RMS	851.55M	-64.97	-13.00	-51.97	MBW 100k	-
855M	1G	100k	300k	RMS	988.84M	-62.85	-13.00	-49.85	-	-
1G	8.49G	1M	3M	RMS	1.65069G	-45.57	-13.00	-32.57	-	-

Band 5 LTE_3MHz_1TX
825.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

22/04/2023

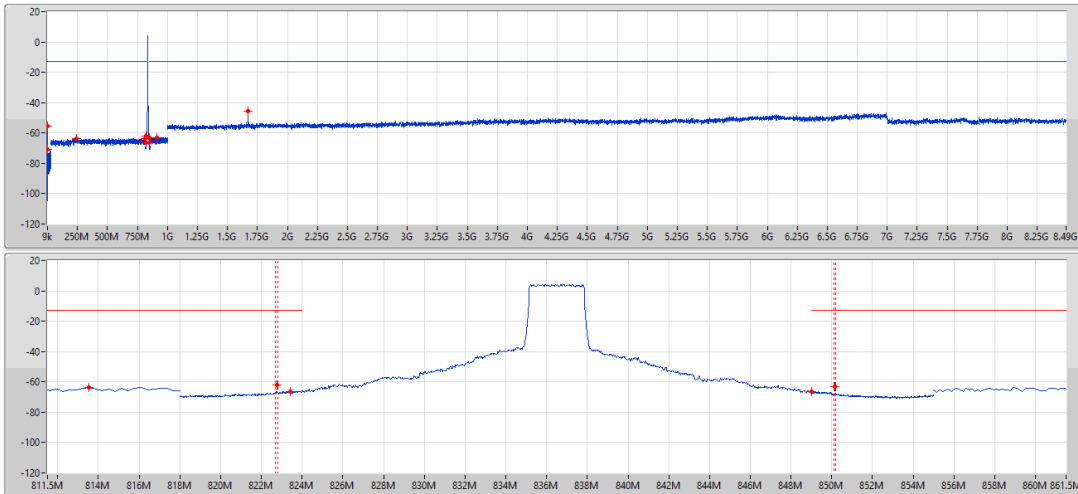


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	131.952k	-58.35	-13.00	-45.35	-	-
150k	30M	10k	30k	RMS	150k	-62.33	-13.00	-49.33	-	-
30M	500M	100k	300k	RMS	255.13M	-63.50	-13.00	-50.50	-	-
500M	818M	100k	300k	RMS	815.77M	-60.42	-13.00	-47.42	-	-
818M	823M	30k	100k	RMS	822.95M	-49.66	-13.00	-36.66	MBW 100k	-
823M	824M	30k	100k	RMS	824M	-21.13	-13.00	-8.13	-	-
849M	850M	30k	100k	RMS	948.74M	-69.41	-13.00	-56.41	-	-
850M	855M	30k	100k	RMS	854.05M	-65.06	-13.00	-52.06	MBW 100k	-
855M	1G	100k	300k	RMS	995.51M	-61.97	-13.00	-48.97	-	-
1G	8.49G	1M	3M	RMS	1.64789G	-38.94	-13.00	-25.94	-	-

Band 5 LTE_3MHz_1TX
836.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum

22/04/2023

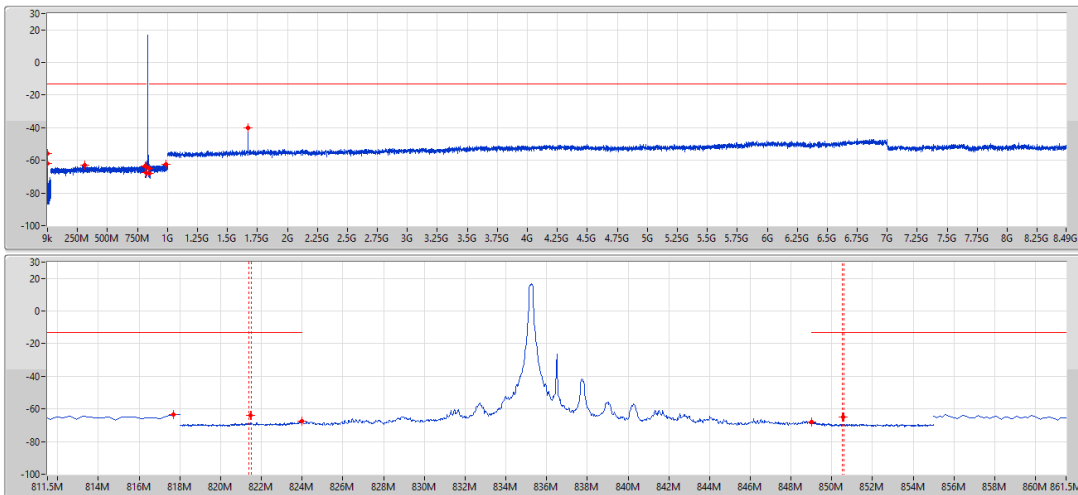


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	10.41k	-71.04	-13.00	-58.04	-	-
150k	30M	10k	30k	RMS	1.105M	-55.54	-13.00	-42.54	-	-
30M	500M	100k	300k	RMS	240.09M	-63.82	-13.00	-50.82	-	-
500M	818M	100k	300k	RMS	813.55M	-63.42	-13.00	-50.42	-	-
818M	823M	30k	100k	RMS	822.75M	-62.09	-13.00	-49.09	MBW 100k	-
823M	824M	30k	100k	RMS	823.4M	-66.19	-13.00	-53.19	-	-
849M	850M	30k	100k	RMS	849M	-66.44	-13.00	-53.44	-	-
850M	855M	30k	100k	RMS	850.15M	-63.17	-13.00	-50.17	MBW 100k	-
855M	1G	100k	300k	RMS	909.52M	-62.89	-13.00	-49.89	-	-
1G	8.49G	1M	3M	RMS	1.67223G	-45.82	-13.00	-32.82	-	-

Band 5 LTE_3MHz_1TX
836.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

22/04/2023

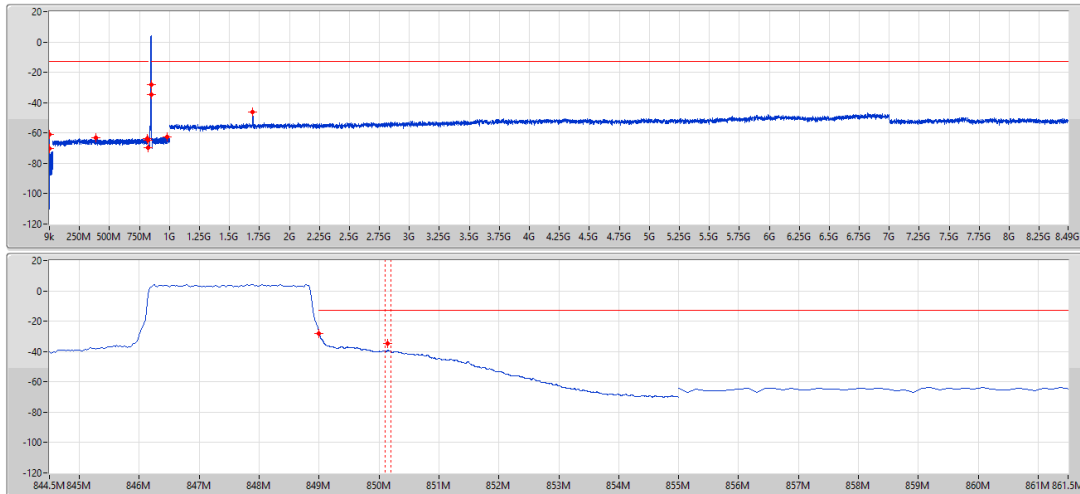


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	106.854k	-55.88	-13.00	-42.88	-	-
150k	30M	10k	30k	RMS	150k	-61.86	-13.00	-48.86	-	-
30M	500M	100k	300k	RMS	312.47M	-62.99	-13.00	-49.99	-	-
500M	818M	100k	300k	RMS	817.68M	-63.33	-13.00	-50.33	-	-
818M	823M	30k	100k	RMS	821.45M	-64.11	-13.00	-51.11	MBW 100k	-
823M	824M	30k	100k	RMS	823.97M	-67.46	-13.00	-54.46	-	-
849M	850M	30k	100k	RMS	949.03M	-68.16	-13.00	-55.16	-	-
850M	855M	30k	100k	RMS	850.55M	-64.72	-13.00	-51.72	MBW 100k	-
855M	1G	100k	300k	RMS	986.81M	-62.60	-13.00	-49.60	-	-
1G	8.49G	1M	3M	RMS	1.67036G	-39.92	-13.00	-26.92	-	-

Band 5 LTE_3MHz_1TX
847.5MHz_QPSK_RB 15,#RB 0

CSE-TX-Sum

22/04/2023

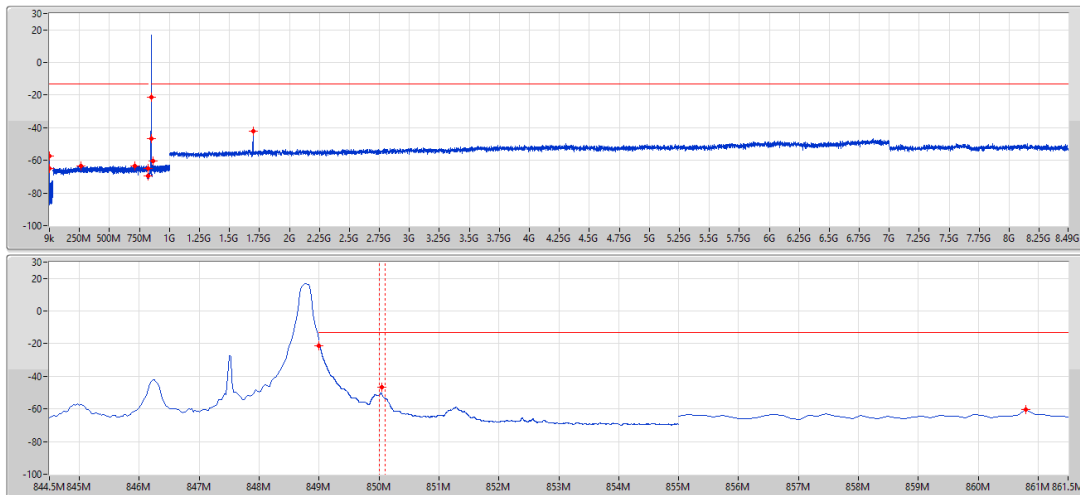


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	16.755k	-70.30	-13.00	-57.30	-	-
150k	30M	10k	30k	RMS	2.12M	-61.20	-13.00	-48.20	-	-
30M	500M	100k	300k	RMS	389.08M	-63.25	-13.00	-50.25	-	-
500M	818M	100k	300k	RMS	812.28M	-63.58	-13.00	-50.58	-	-
818M	823M	30k	100k	RMS	822.45M	-64.99	-13.00	-51.99	MBW 100k	-
823M	824M	30k	100k	RMS	823.52M	-69.50	-13.00	-56.50	-	-
849M	850M	30k	100k	RMS	849M	-27.86	-13.00	-14.86	-	-
850M	855M	30k	100k	RMS	850.15M	-34.69	-13.00	-21.69	MBW 100k	-
855M	1G	100k	300k	RMS	978.69M	-62.70	-13.00	-49.70	-	-
1G	8.49G	1M	3M	RMS	1.69376G	-45.98	-13.00	-32.98	-	-

Band 5 LTE_3MHz_1TX
847.5MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

22/04/2023

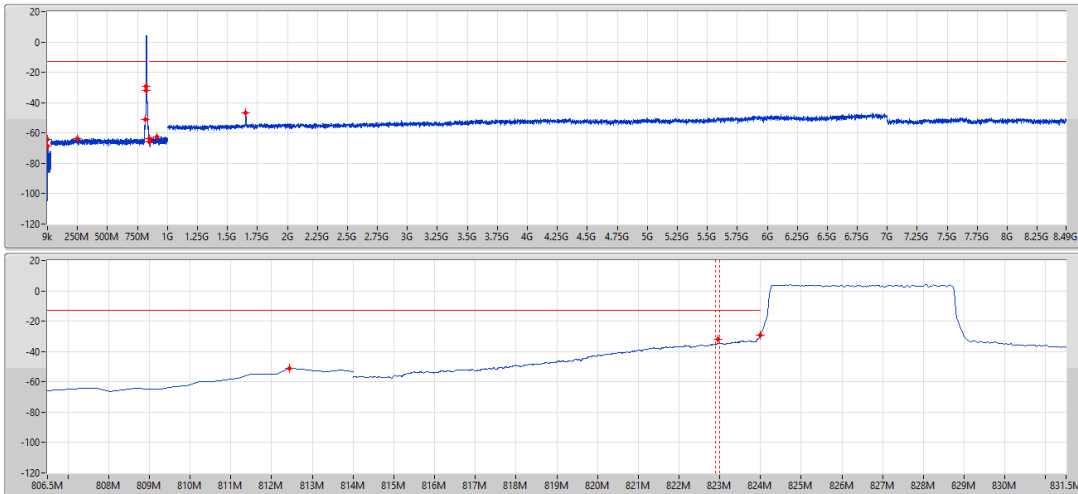


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	93.882k	-57.14	-13.00	-44.14	-	-
150k	30M	10k	30k	RMS	150k	-64.75	-13.00	-51.75	-	-
30M	500M	100k	300k	RMS	259.36M	-63.67	-13.00	-50.67	-	-
500M	818M	100k	300k	RMS	709.88M	-63.32	-13.00	-50.32	-	-
818M	823M	30k	100k	RMS	821.65M	-65.05	-13.00	-52.05	MBW 100k	-
823M	824M	30k	100k	RMS	823.44M	-69.77	-13.00	-56.77	-	-
849M	850M	30k	100k	RMS	849M	-21.17	-13.00	-8.17	-	-
850M	855M	30k	100k	RMS	850.05M	-46.73	-13.00	-33.73	MBW 100k	-
855M	1G	100k	300k	RMS	860.8M	-60.53	-13.00	-47.53	-	-
1G	8.49G	1M	3M	RMS	1.69751G	-41.99	-13.00	-28.99	-	-

Band 5 LTE_5MHz_1TX
826.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

22/04/2023

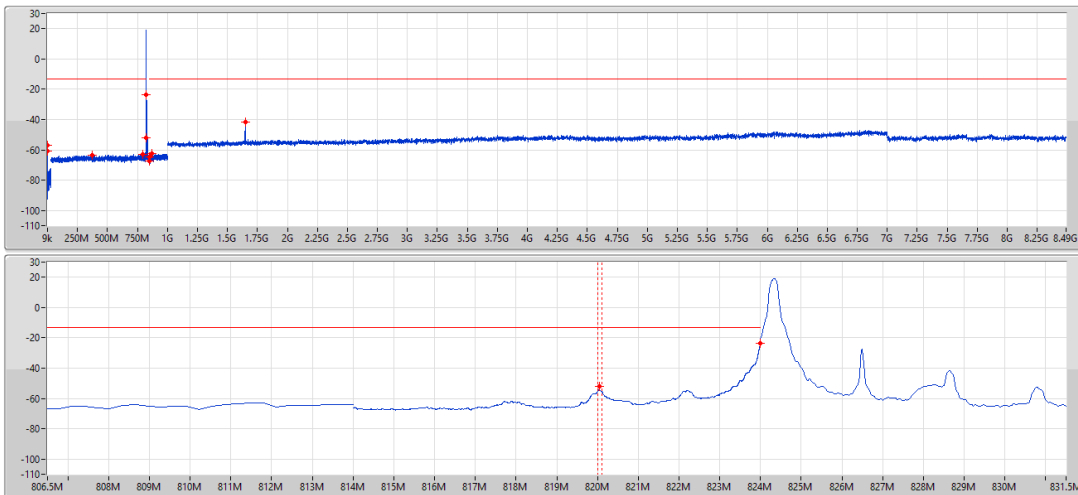


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	94.446k	-68.70	-13.00	-55.70	-	-
150k	30M	10k	30k	RMS	1.792M	-64.03	-13.00	-51.03	-	-
30M	500M	100k	300k	RMS	251.84M	-63.56	-13.00	-50.56	-	-
500M	814M	100k	300k	RMS	812.43M	-51.18	-13.00	-38.18	-	-
814M	823M	50k	200k	RMS	822.95M	-32.16	-13.00	-19.16	MBW 100k	-
823M	824M	50k	200k	RMS	824M	-29.30	-13.00	-16.30	-	-
849M	850M	50k	200k	RMS	849.06M	-65.81	-13.00	-52.81	-	-
850M	859M	50k	200k	RMS	850.05M	-63.91	-13.00	-50.91	MBW 100k	-
859M	1G	100k	300k	RMS	912.16M	-62.65	-13.00	-49.65	-	-
1G	8.49G	1M	3M	RMS	1.65169G	-46.64	-13.00	-33.64	-	-

Band 5 LTE_5MHz_1TX
826.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

22/04/2023

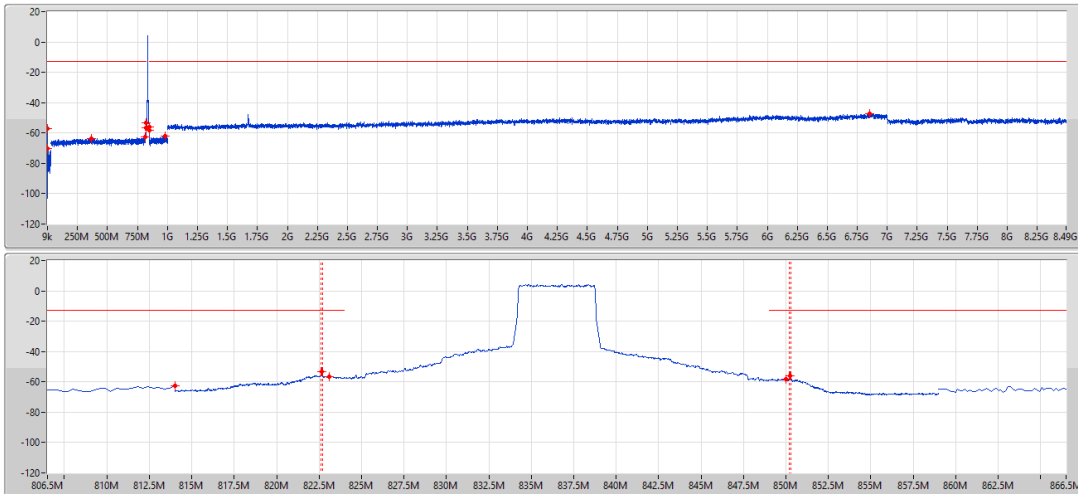


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	75.693k	-56.99	-13.00	-43.99	-	-
150k	30M	10k	30k	RMS	1.613M	-60.75	-13.00	-47.75	-	-
30M	500M	100k	300k	RMS	369.81M	-63.66	-13.00	-50.66	-	-
500M	814M	100k	300k	RMS	797.04M	-62.86	-13.00	-49.86	-	-
814M	823M	50k	200k	RMS	820.05M	-51.94	-13.00	-38.94	MBW 100k	-
823M	824M	50k	200k	RMS	824M	-23.53	-13.00	-10.53	-	-
849M	859M	50k	200k	RMS	949.74M	-67.61	-13.00	-54.61	-	-
850M	859M	50k	200k	RMS	852.95M	-64.64	-13.00	-51.64	MBW 100k	-
859M	1G	100k	300k	RMS	871.41M	-62.64	-13.00	-49.64	-	-
1G	8.49G	1M	3M	RMS	1.64789G	-41.62	-13.00	-28.62	-	-

Band 5 LTE_5MHz_1TX
836.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

22/04/2023

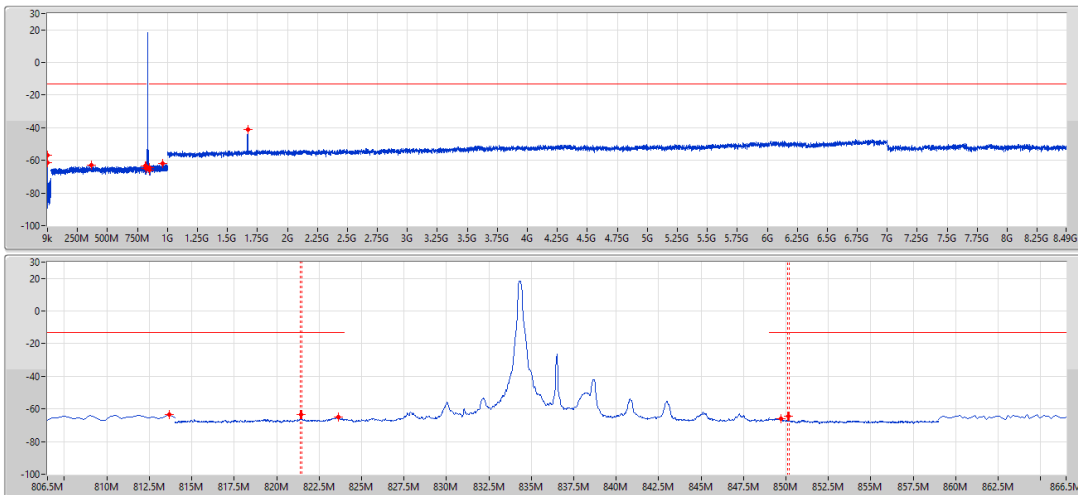


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	94.728k	-70.12	-13.00	-57.12	-	-
150k	30M	10k	30k	RMS	1.672M	-57.28	-13.00	-44.28	-	-
30M	500M	100k	300k	RMS	367.46M	-63.48	-13.00	-50.48	-	-
500M	814M	100k	300k	RMS	814M	-62.32	-13.00	-49.32	-	-
814M	823M	50k	200k	RMS	822.65M	-53.28	-13.00	-40.28	MBW 100k	-
823M	824M	50k	200k	RMS	823.1M	-56.37	-13.00	-43.37	-	-
849M	850M	50k	200k	RMS	850M	-58.38	-13.00	-45.38	-	-
850M	859M	50k	200k	RMS	850.25M	-55.95	-13.00	-42.95	MBW 100k	-
859M	1G	100k	300k	RMS	978.99M	-62.18	-13.00	-49.18	-	-
1G	8.49G	1M	3M	RMS	6.8529G	-47.36	-13.00	-34.36	-	-

Band 5 LTE_5MHz_1TX
836.5MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

22/04/2023

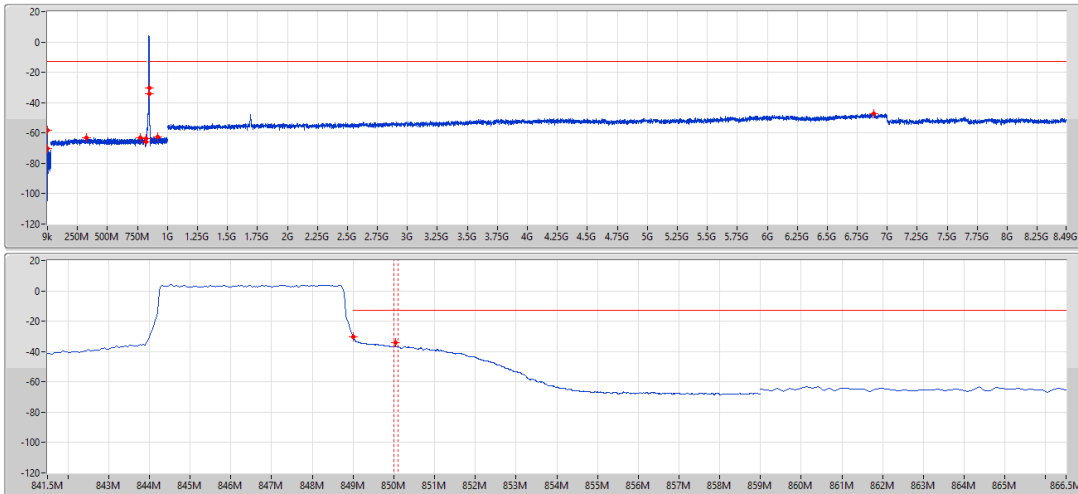


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.921k	-56.62	-13.00	-43.62	-	-
150k	30M	10k	30k	RMS	150k	-61.57	-13.00	-48.57	-	-
30M	500M	100k	300k	RMS	367.93M	-63.18	-13.00	-50.18	-	-
500M	814M	100k	300k	RMS	813.69M	-63.38	-13.00	-50.38	-	-
814M	823M	50k	200k	RMS	821.45M	-63.55	-13.00	-50.55	MBW 100k	-
823M	824M	50k	200k	RMS	823.65M	-65.16	-13.00	-52.16	-	-
849M	850M	50k	200k	RMS	948.71M	-66.14	-13.00	-53.14	-	-
850M	859M	50k	200k	RMS	850.15M	-64.44	-13.00	-51.44	MBW 100k	-
859M	1G	100k	300k	RMS	957.42M	-62.15	-13.00	-49.15	-	-
1G	8.49G	1M	3M	RMS	1.66648G	-41.10	-13.00	-28.10	-	-

Band 5 LTE_5MHz_1TX
846.5MHz_QPSK_RB 25,#RB 0

CSE-TX-Sum

22/04/2023

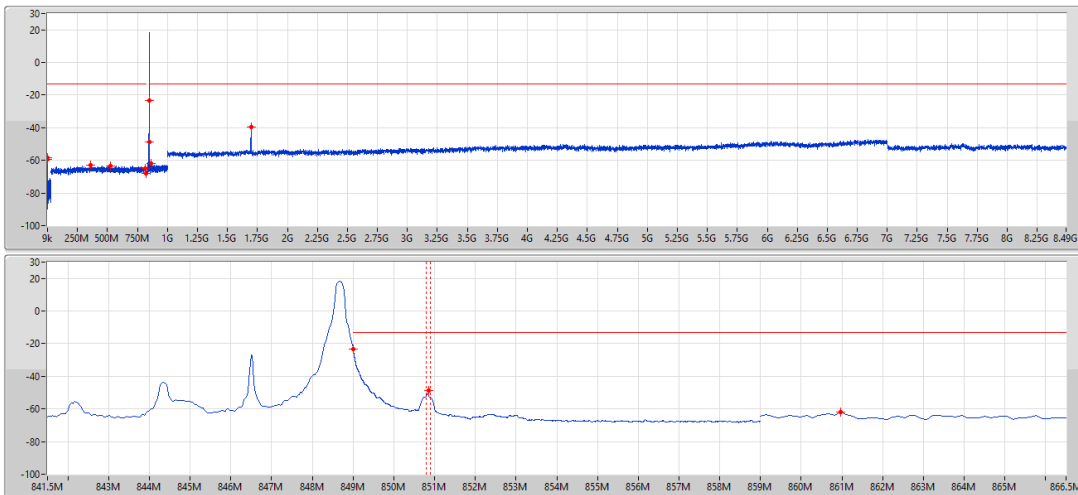


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	18.447k	-69.99	-13.00	-56.99	-	-
150k	30M	10k	30k	RMS	2.807M	-58.00	-13.00	-45.00	-	-
30M	500M	100k	300k	RMS	324.22M	-63.10	-13.00	-50.10	-	-
500M	814M	100k	300k	RMS	775.38M	-63.26	-13.00	-50.26	-	-
814M	823M	50k	200k	RMS	822.65M	-63.89	-13.00	-50.89	MBW 100k	-
823M	824M	50k	200k	RMS	823.81M	-66.06	-13.00	-53.06	-	-
849M	850M	50k	200k	RMS	849M	-30.25	-13.00	-17.25	-	-
850M	859M	50k	200k	RMS	850.05M	-33.95	-13.00	-20.95	MBW 100k	-
859M	1G	100k	300k	RMS	917.52M	-62.58	-13.00	-49.58	-	-
1G	8.49G	1M	3M	RMS	6.88808G	-47.09	-13.00	-34.09	-	-

Band 5 LTE_5MHz_1TX
846.5MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

22/04/2023

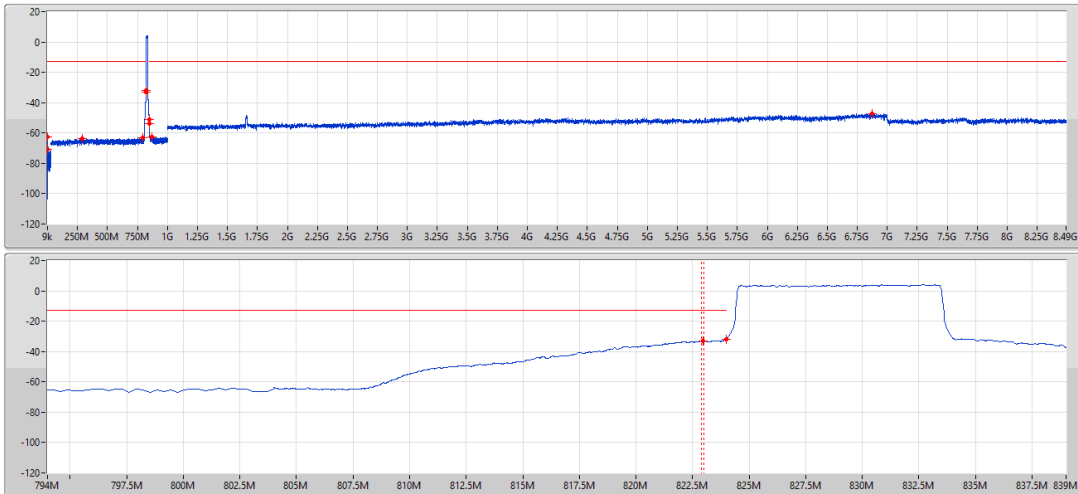


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	74.001k	-58.15	-13.00	-45.15	-	-
150k	30M	10k	30k	RMS	1.643M	-59.23	-13.00	-46.23	-	-
30M	500M	100k	300k	RMS	356.18M	-62.92	-13.00	-49.92	-	-
500M	814M	100k	300k	RMS	522.92M	-63.46	-13.00	-50.46	-	-
814M	823M	50k	200k	RMS	816.55M	-64.94	-13.00	-51.94	MBW 100k	-
823M	824M	50k	200k	RMS	823.11M	-67.88	-13.00	-54.88	-	-
849M	850M	50k	200k	RMS	849M	-23.49	-13.00	-10.49	-	-
850M	859M	50k	200k	RMS	850.85M	-48.88	-13.00	-35.88	MBW 100k	-
859M	1G	100k	300k	RMS	860.97M	-61.84	-13.00	-48.84	-	-
1G	8.49G	1M	3M	RMS	1.69657G	-39.37	-13.00	-26.37	-	-

Band 5_LTE_10MHz_1TX
829MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum

22/04/2023

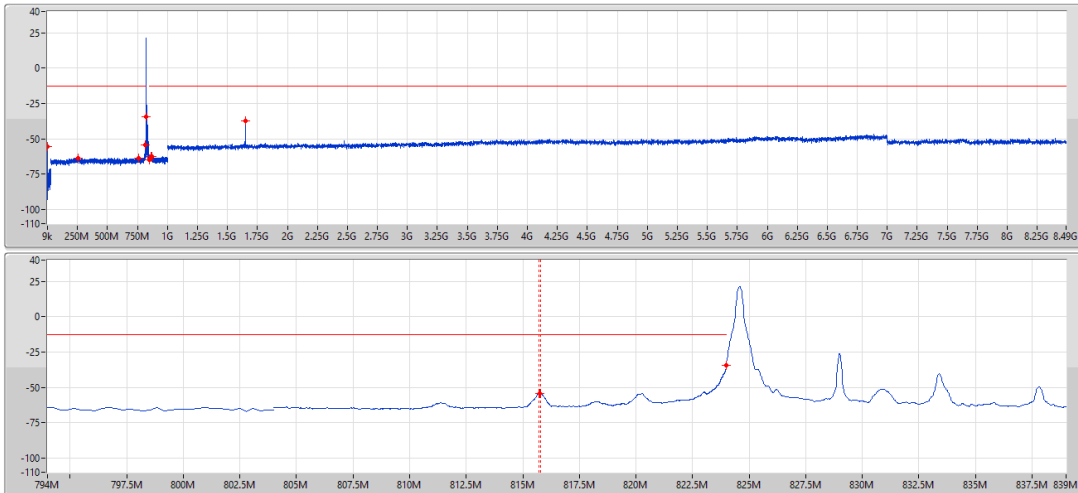


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	12.102k	-71.02	-13.00	-58.02	-	-
150k	30M	10k	30k	RMS	1.613M	-62.77	-13.00	-49.77	-	-
30M	500M	100k	300k	RMS	288.97M	-63.59	-13.00	-50.59	-	-
500M	804M	100k	300k	RMS	791.84M	-63.24	-13.00	-50.24	-	-
804M	823M	100k	300k	RMS	822.95M	-33.25	-13.00	-20.25	MBW 100k	-
823M	824M	100k	300k	RMS	824M	-31.91	-13.00	-18.91	-	-
849M	850M	100k	300k	RMS	849.08M	-51.34	-13.00	-38.34	-	-
850M	869M	100k	300k	RMS	850.05M	-53.72	-13.00	-40.72	MBW 100k	-
869M	1G	100k	300k	RMS	873.72M	-62.71	-13.00	-49.71	-	-
1G	8.49G	1M	3M	RMS	6.87216G	-47.21	-13.00	-34.21	-	-

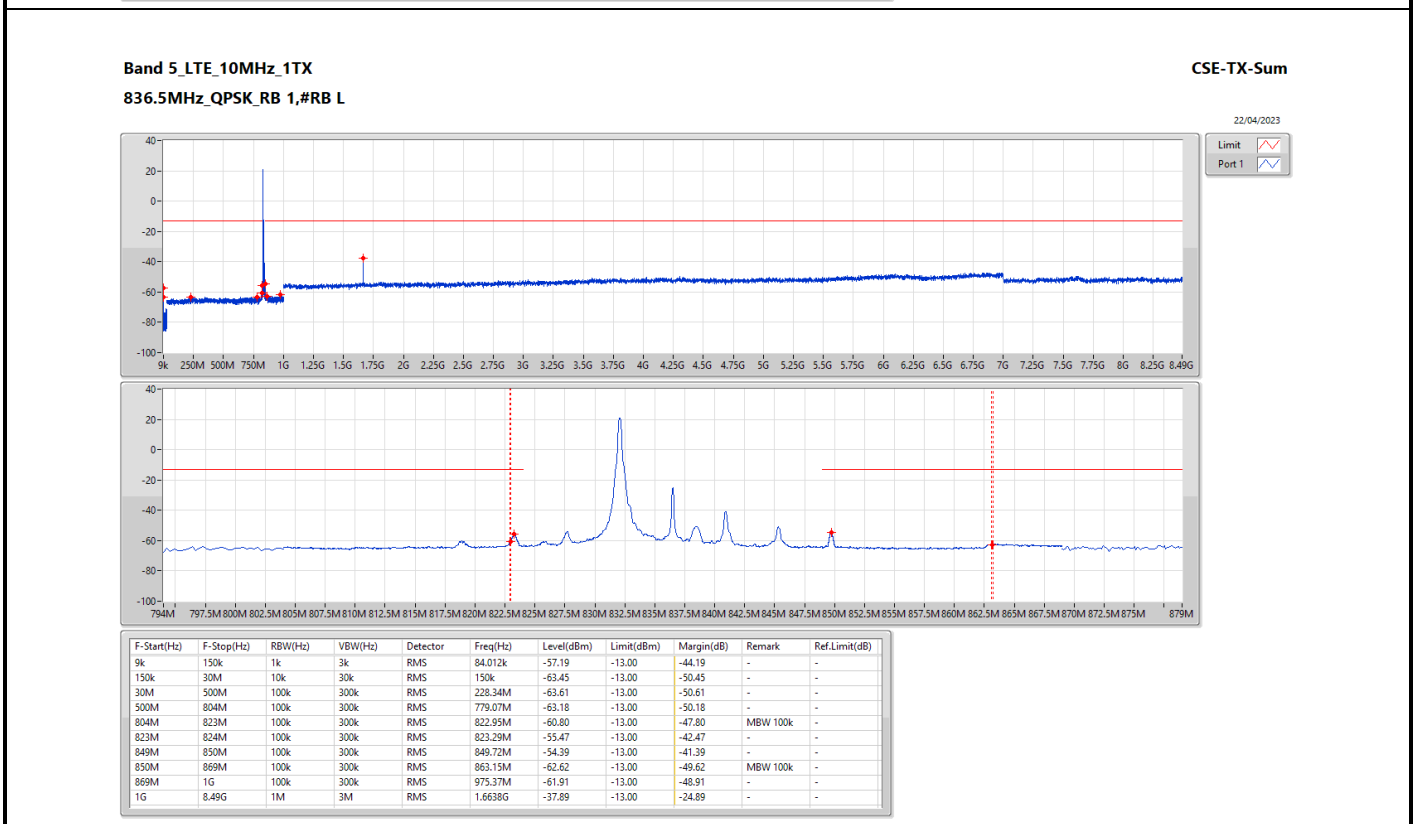
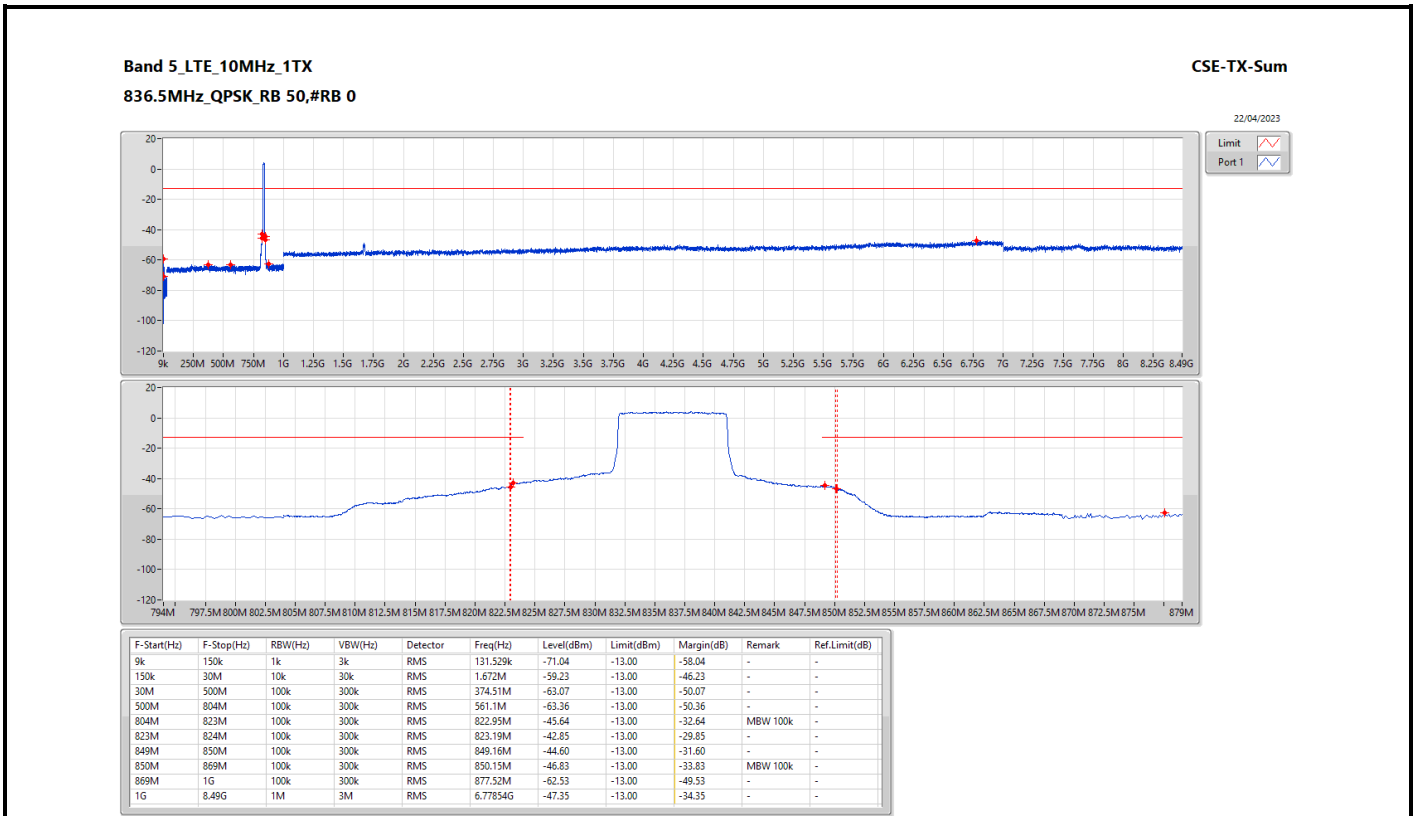
Band 5_LTE_10MHz_1TX
829MHz_QPSK_RB 1,#RB L

CSE-TX-Sum

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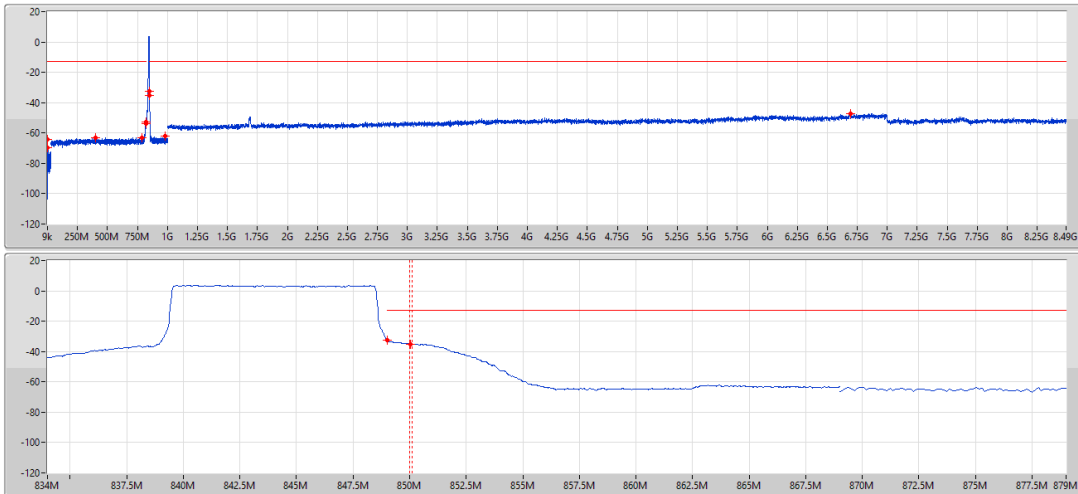
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	107.277k	-55.66	-13.00	-42.66	-	-
150k	30M	10k	30k	RMS	150k	-55.76	-13.00	-42.76	-	-
30M	500M	100k	300k	RMS	252.78M	-63.69	-13.00	-50.69	-	-
500M	804M	100k	300k	RMS	762.66M	-63.47	-13.00	-50.47	-	-
804M	823M	100k	300k	RMS	815.75M	-54.20	-13.00	-41.20	MBW 100k	-
823M	824M	100k	300k	RMS	824M	-34.47	-13.00	-21.47	-	-
849M	850M	100k	300k	RMS	948.72M	-64.79	-13.00	-51.79	-	-
850M	869M	100k	300k	RMS	862.95M	-62.62	-13.00	-49.62	MBW 100k	-
869M	1G	100k	300k	RMS	870.05M	-62.39	-13.00	-49.39	-	-
1G	8.49G	1M	3M	RMS	1.64882G	-37.53	-13.00	-24.53	-	-



Band 5_LTE_10MHz_1TX
844MHz_QPSK_RB 50,#RB 0

CSE-TX-Sum

22/04/2023

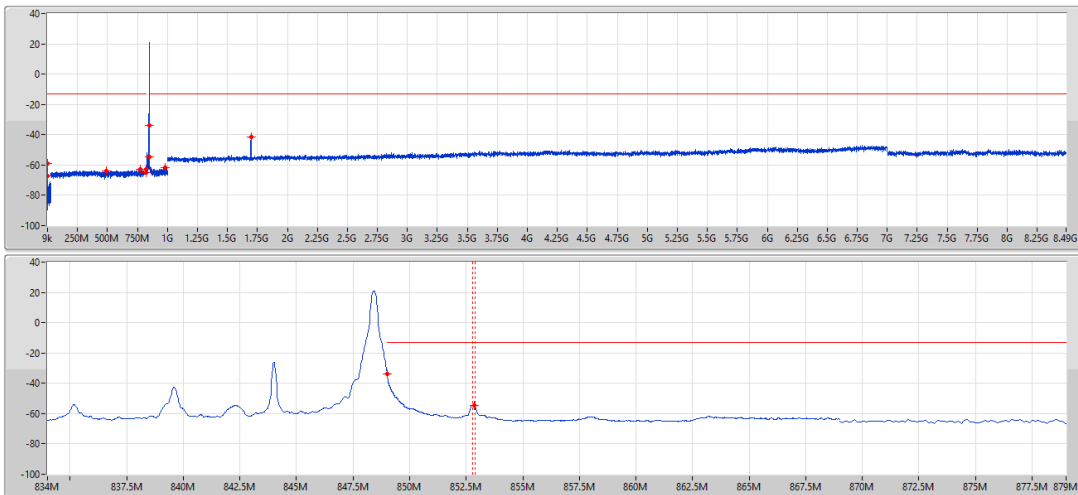


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	11.256k	-69.71	-13.00	-56.71	-	-
150k	30M	10k	30k	RMS	3.135M	-64.14	-13.00	-51.14	-	-
30M	500M	100k	300k	RMS	398.95M	-63.19	-13.00	-50.19	-	-
500M	804M	100k	300k	RMS	787.58M	-63.12	-13.00	-50.12	-	-
804M	823M	100k	300k	RMS	821.65M	-53.70	-13.00	-40.70	MBW 100k	-
823M	824M	100k	300k	RMS	823.82M	-53.00	-13.00	-40.00	-	-
849M	850M	100k	300k	RMS	849M	-32.53	-13.00	-19.53	-	-
850M	869M	100k	300k	RMS	850.05M	-35.21	-13.00	-22.21	MBW 100k	-
869M	1G	100k	300k	RMS	976.04M	-62.12	-13.00	-49.12	-	-
1G	8.49G	1M	3M	RMS	6.69059G	-47.04	-13.00	-34.04	-	-

Band 5_LTE_10MHz_1TX
844MHz_QPSK_RB 1,#RB H

CSE-TX-Sum

22/04/2023

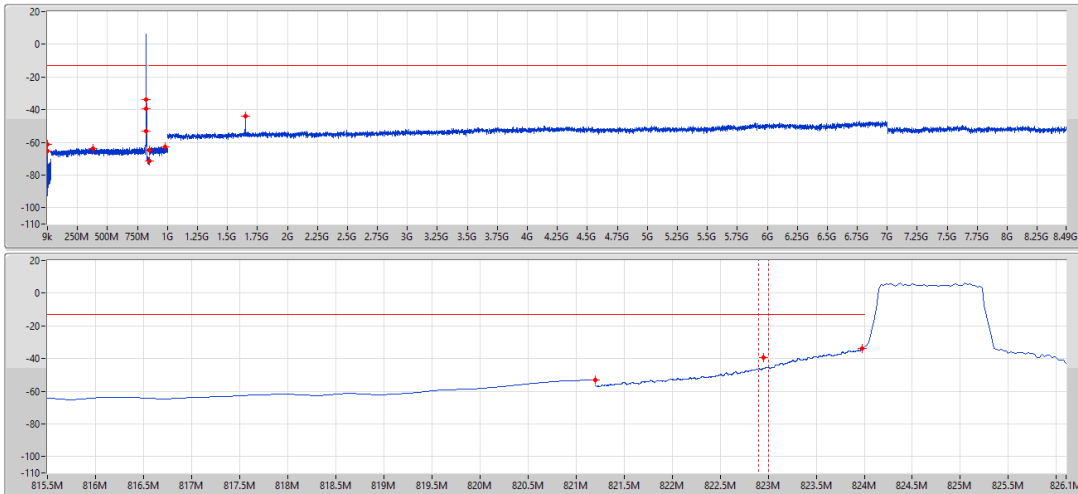


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	60.042k	-58.80	-13.00	-45.80	-	-
150k	30M	10k	30k	RMS	150k	-66.94	-13.00	-53.94	-	-
30M	500M	100k	300k	RMS	492.01M	-63.88	-13.00	-50.88	-	-
500M	804M	100k	300k	RMS	773.9M	-62.83	-13.00	-49.83	-	-
804M	823M	100k	300k	RMS	821.95M	-62.65	-13.00	-49.65	MBW 100k	-
823M	824M	100k	300k	RMS	823.06M	-65.02	-13.00	-52.02	-	-
849M	850M	100k	300k	RMS	849M	-34.07	-13.00	-21.07	-	-
850M	869M	100k	300k	RMS	852.85M	-54.71	-13.00	-41.71	MBW 100k	-
869M	1G	100k	300k	RMS	977.73M	-61.83	-13.00	-48.83	-	-
1G	8.49G	1M	3M	RMS	1.69657G	-41.72	-13.00	-28.72	-	-

Band 5 LTE_1.4MHz_1TX
824.7MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

22/04/2023

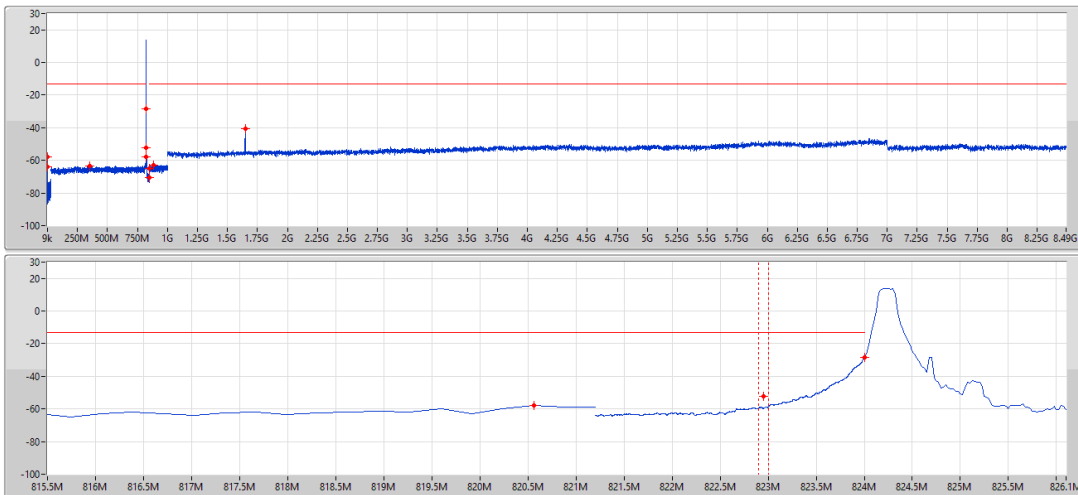


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	90.075k	-65.51	-13.00	-52.51	-	-
150k	30M	10k	30k	RMS	388.8k	-61.09	-13.00	-48.09	-	-
30M	500M	100k	300k	RMS	381.56M	-63.61	-13.00	-50.61	-	-
500M	821.2M	100k	300k	RMS	821.2M	-52.88	-13.00	-39.88	-	-
821.2M	823M	20k	50k	RMS	822.95M	-39.33	-13.00	-26.33	MBW 100k	-
823M	824M	20k	50k	RMS	823.98M	-33.91	-13.00	-20.91	-	-
849M	850M	20k	50k	RMS	849.35M	-71.21	-13.00	-58.21	-	-
850M	851.8M	20k	50k	RMS	850.45M	-64.59	-13.00	-51.59	MBW 100k	-
851.8M	1G	100k	300k	RMS	983.35M	-62.81	-13.00	-49.81	-	-
1G	8.49G	1M	3M	RMS	1.64882G	-43.95	-13.00	-30.95	-	-

Band 5 LTE_1.4MHz_1TX
824.7MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023

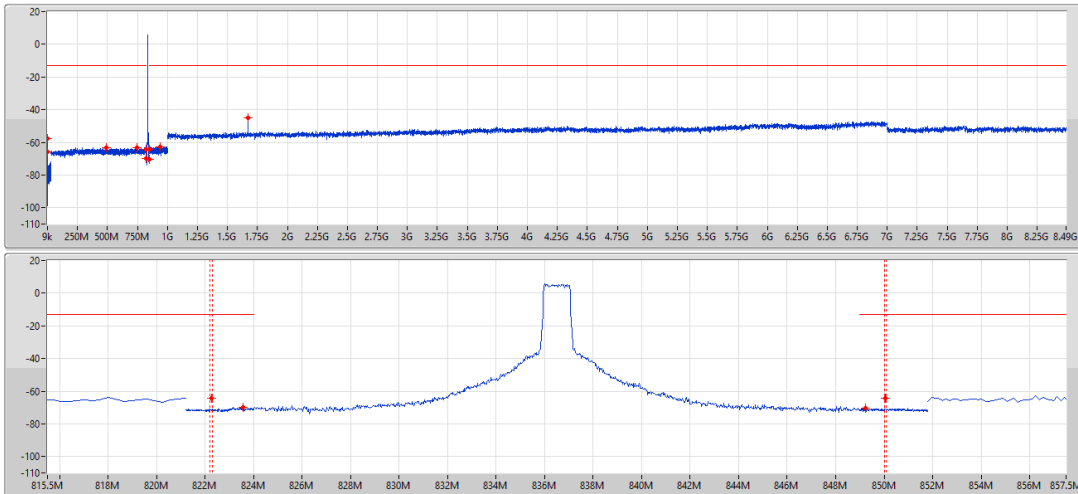


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	33.675k	-57.87	-13.00	-44.87	-	-
150k	30M	10k	30k	RMS	150k	-63.98	-13.00	-50.98	-	-
30M	500M	100k	300k	RMS	349.13M	-63.22	-13.00	-50.22	-	-
500M	821.2M	100k	300k	RMS	820.56M	-57.67	-13.00	-44.67	-	-
821.2M	823M	20k	50k	RMS	822.95M	-52.45	-13.00	-39.45	MBW 100k	-
823M	824M	20k	50k	RMS	824M	-28.59	-13.00	-15.59	-	-
849M	850M	20k	50k	RMS	949.09M	-70.73	-13.00	-57.73	-	-
850M	851.8M	20k	50k	RMS	851.05M	-64.82	-13.00	-51.82	MBW 100k	-
851.8M	1G	100k	300k	RMS	882.92M	-63.02	-13.00	-50.02	-	-
1G	8.49G	1M	3M	RMS	1.64789G	-40.46	-13.00	-27.46	-	-

Band 5 LTE_1.4MHz_1TX
836.5MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

22/04/2023

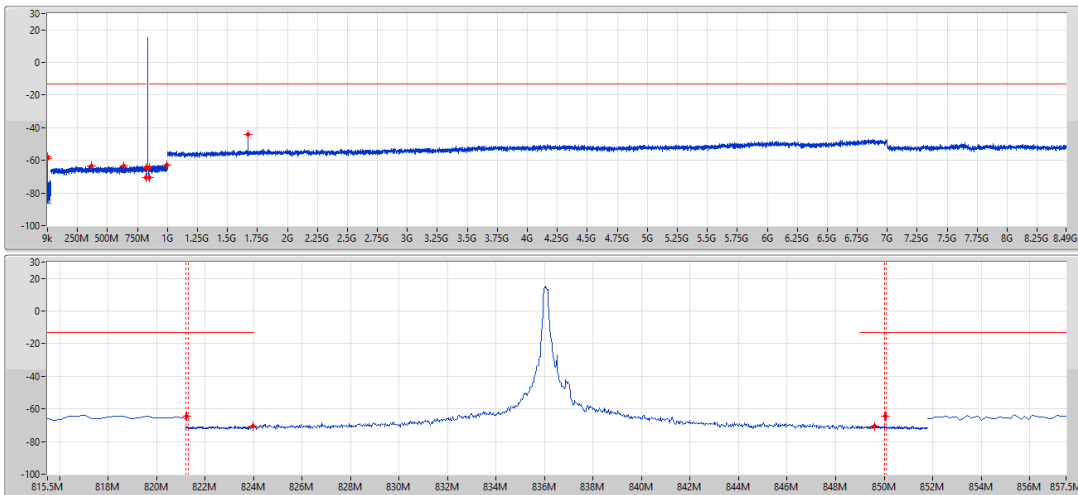


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	88.947k	-65.94	-13.00	-52.94	-	-
150k	30M	10k	30k	RMS	657.45k	-57.45	-13.00	-44.45	-	-
30M	500M	100k	300k	RMS	491.07M	-63.38	-13.00	-50.38	-	-
500M	821.2M	100k	300k	RMS	744.43M	-63.21	-13.00	-50.21	-	-
821.2M	823M	20k	50k	RMS	822.25M	-64.55	-13.00	-51.55	MBW 100k	-
823M	824M	20k	50k	RMS	823.57M	-70.07	-13.00	-57.07	-	-
849M	850M	20k	50k	RMS	849.22M	-70.41	-13.00	-57.41	-	-
850M	851.8M	20k	50k	RMS	850.05M	-64.33	-13.00	-51.33	MBW 100k	-
851.8M	1G	100k	300k	RMS	941.02M	-62.75	-13.00	-49.75	-	-
1G	8.49G	1M	3M	RMS	1.67229G	-44.66	-13.00	-31.66	-	-

Band 5 LTE_1.4MHz_1TX
836.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023

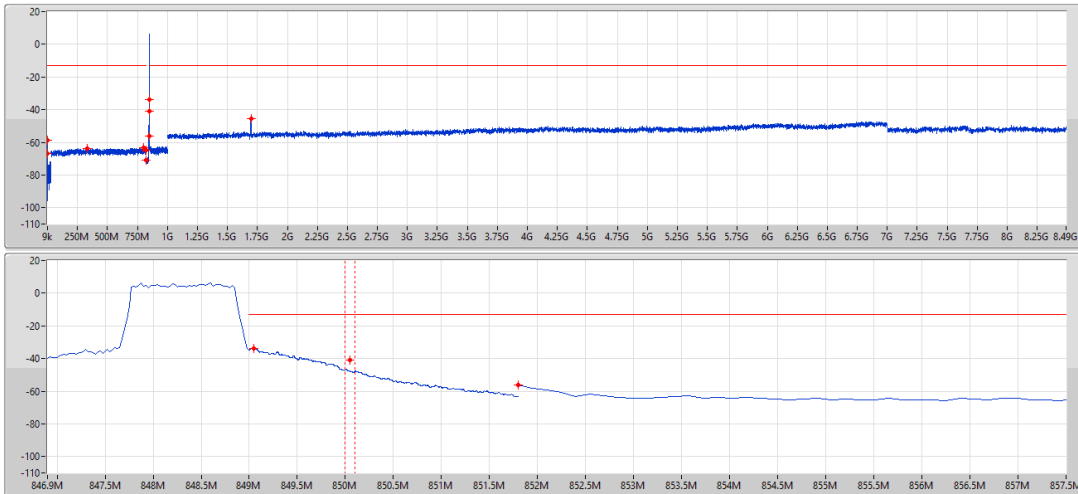


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	33.816k	-57.66	-13.00	-44.66	-	-
150k	30M	10k	30k	RMS	1.702M	-58.74	-13.00	-45.74	-	-
30M	500M	100k	300k	RMS	362.76M	-63.53	-13.00	-50.53	-	-
500M	821.2M	100k	300k	RMS	638.12M	-63.37	-13.00	-50.37	-	-
821.2M	823M	20k	50k	RMS	821.25M	-64.56	-13.00	-51.56	MBW 100k	-
823M	824M	20k	50k	RMS	823.96M	-70.45	-13.00	-57.45	-	-
849M	850M	20k	50k	RMS	849.61M	-70.67	-13.00	-57.67	-	-
850M	851.8M	20k	50k	RMS	850.05M	-64.49	-13.00	-51.49	MBW 100k	-
851.8M	1G	100k	300k	RMS	997.48M	-62.86	-13.00	-49.86	-	-
1G	8.49G	1M	3M	RMS	1.67129G	-44.09	-13.00	-31.09	-	-

Band 5 LTE_1.4MHz_1TX
848.3MHz_16QAM_RB 6,#RB 0

CSE-TX-Sum

22/04/2023

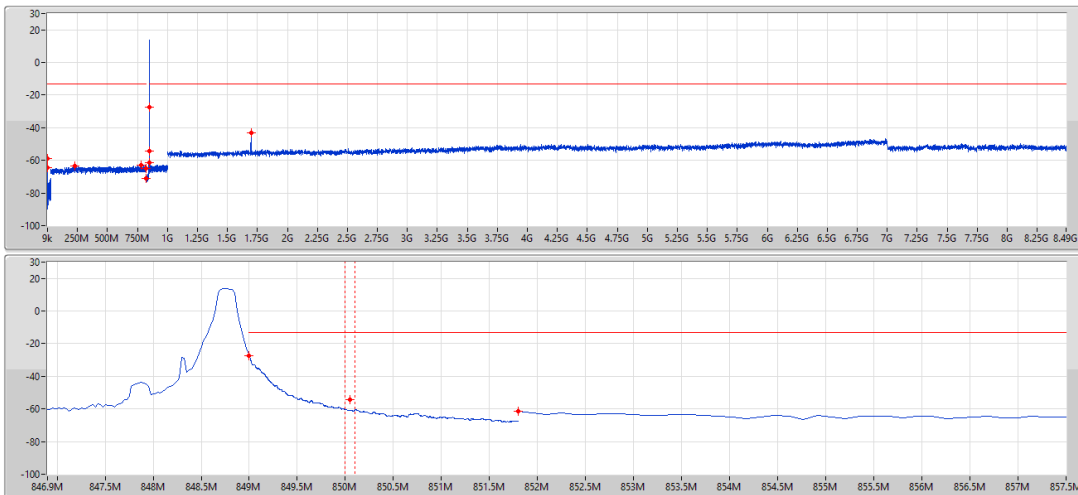


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	98.112k	-66.89	-13.00	-53.89	-	-
150k	30M	10k	30k	RMS	657.45k	-58.68	-13.00	-45.68	-	-
30M	500M	100k	300k	RMS	334.56M	-63.72	-13.00	-50.72	-	-
500M	821.2M	100k	300k	RMS	798.72M	-63.42	-13.00	-50.42	-	-
821.2M	823M	20k	50k	RMS	822.15M	-64.77	-13.00	-51.77	MBW 100k	-
823M	824M	20k	50k	RMS	823.65M	-70.92	-13.00	-57.92	-	-
849M	850M	20k	50k	RMS	849.05M	-33.70	-13.00	-20.70	-	-
850M	851.8M	20k	50k	RMS	850.05M	-40.93	-13.00	-27.93	MBW 100k	-
851.8M	1G	100k	300k	RMS	851.8M	-56.42	-13.00	-43.42	-	-
1G	8.49G	1M	3M	RMS	1.69657G	-45.74	-13.00	-32.74	-	-

Band 5 LTE_1.4MHz_1TX
848.3MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

22/04/2023

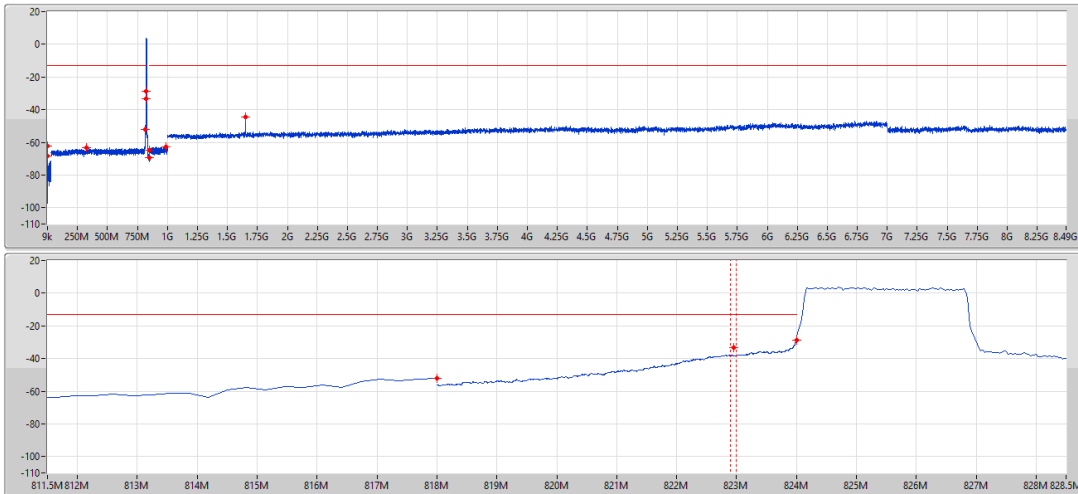


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	58.209k	-58.72	-13.00	-45.72	-	-
150k	30M	10k	30k	RMS	150k	-64.64	-13.00	-51.64	-	-
30M	500M	100k	300k	RMS	225.99M	-63.44	-13.00	-50.44	-	-
500M	821.2M	100k	300k	RMS	778.48M	-63.17	-13.00	-50.17	-	-
821.2M	823M	20k	50k	RMS	821.85M	-64.82	-13.00	-51.82	MBW 100k	-
823M	824M	20k	50k	RMS	823.2M	-71.18	-13.00	-58.18	-	-
849M	850M	20k	50k	RMS	849M	-27.50	-13.00	-14.50	-	-
850M	851.8M	20k	50k	RMS	850.05M	-54.12	-13.00	-41.12	MBW 100k	-
851.8M	1G	100k	300k	RMS	851.8M	-61.47	-13.00	-48.47	-	-
1G	8.49G	1M	3M	RMS	1.69731G	-42.96	-13.00	-29.96	-	-

Band 5 LTE_3MHz_1TX
825.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum

22/04/2023

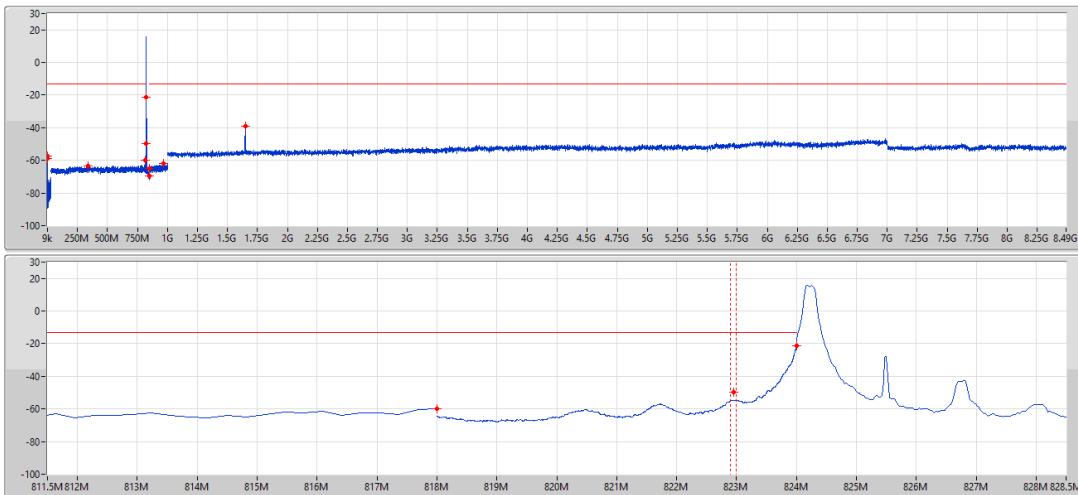


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	10.269k	-68.33	-13.00	-55.33	-	-
150k	30M	10k	30k	RMS	1.702M	-62.21	-13.00	-49.21	-	-
30M	500M	100k	300k	RMS	327.98M	-63.45	-13.00	-50.45	-	-
500M	818M	100k	300k	RMS	818M	-51.90	-13.00	-38.90	-	-
818M	823M	30k	100k	RMS	822.95M	-33.11	-13.00	-20.11	MBW 100k	-
823M	824M	30k	100k	RMS	824M	-28.92	-13.00	-15.92	-	-
849M	850M	30k	100k	RMS	849.99M	-69.40	-13.00	-56.40	-	-
850M	855M	30k	100k	RMS	850.55M	-65.00	-13.00	-52.00	MBW 100k	-
855M	1G	100k	300k	RMS	989.27M	-62.85	-13.00	-49.85	-	-
1G	8.49G	1M	3M	RMS	1.65069G	-44.56	-13.00	-31.56	-	-

Band 5 LTE_3MHz_1TX
825.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023

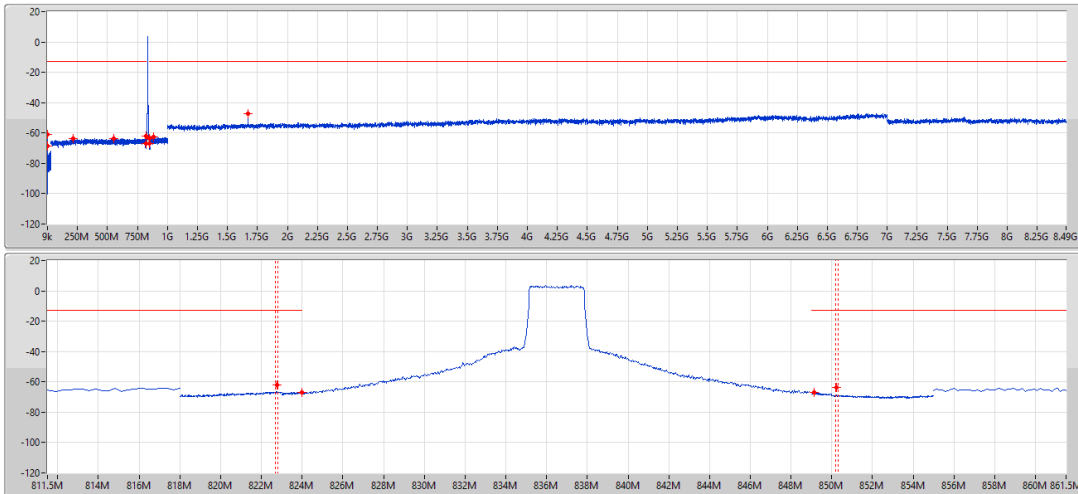


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	33.534k	-57.25	-13.00	-44.25	-	-
150k	30M	10k	30k	RMS	1.643M	-58.67	-13.00	-45.67	-	-
30M	500M	100k	300k	RMS	336.44M	-63.63	-13.00	-50.63	-	-
500M	818M	100k	300k	RMS	818M	-59.64	-13.00	-46.64	-	-
818M	823M	30k	100k	RMS	822.95M	-49.81	-13.00	-36.81	MBW 100k	-
823M	824M	30k	100k	RMS	824M	-21.11	-13.00	-8.11	-	-
849M	850M	30k	100k	RMS	949.68M	-69.46	-13.00	-56.46	-	-
850M	855M	30k	100k	RMS	852.83M	-65.07	-13.00	-52.07	MBW 100k	-
855M	1G	100k	300k	RMS	967.09M	-61.84	-13.00	-48.84	-	-
1G	8.49G	1M	3M	RMS	1.64789G	-38.81	-13.00	-25.81	-	-

Band 5 LTE_3MHz_1TX
836.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum

22/04/2023

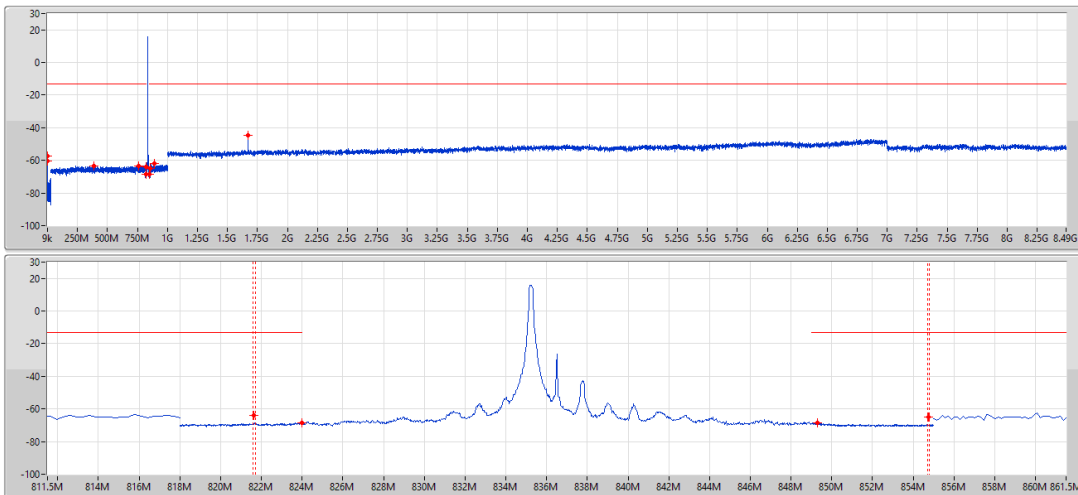


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	125.607k	-68.50	-13.00	-55.50	-	-
150k	30M	10k	30k	RMS	1.643M	-61.03	-13.00	-48.03	-	-
30M	500M	100k	300k	RMS	217.06M	-63.54	-13.00	-50.54	-	-
500M	818M	100k	300k	RMS	550.24M	-63.63	-13.00	-50.63	-	-
818M	823M	30k	100k	RMS	822.75M	-61.91	-13.00	-48.91	MBW 100k	-
823M	824M	30k	100k	RMS	823.98M	-66.87	-13.00	-53.87	-	-
849M	850M	30k	100k	RMS	849.14M	-66.95	-13.00	-53.95	-	-
850M	855M	30k	100k	RMS	850.25M	-63.87	-13.00	-50.87	MBW 100k	-
855M	1G	100k	300k	RMS	881.1M	-62.41	-13.00	-49.41	-	-
1G	8.49G	1M	3M	RMS	1.67229G	-47.06	-13.00	-34.06	-	-

Band 5 LTE_3MHz_1TX
836.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023

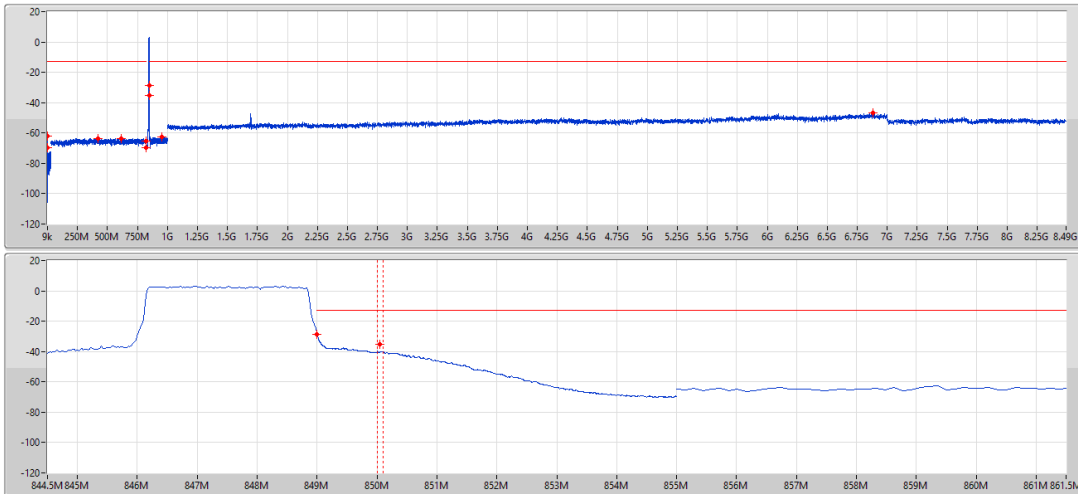


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	33.675k	-57.35	-13.00	-44.35	-	-
150k	30M	10k	30k	RMS	150k	-60.38	-13.00	-47.38	-	-
30M	500M	100k	300k	RMS	383.91M	-63.50	-13.00	-50.50	-	-
500M	818M	100k	300k	RMS	756.94M	-63.19	-13.00	-50.19	-	-
818M	823M	30k	100k	RMS	821.65M	-64.13	-13.00	-51.13	MBW 100k	-
823M	824M	30k	100k	RMS	823.97M	-68.32	-13.00	-55.32	-	-
849M	850M	30k	100k	RMS	949.28M	-68.44	-13.00	-55.44	-	-
850M	855M	30k	100k	RMS	854.75M	-64.05	-13.00	-51.05	MBW 100k	-
855M	1G	100k	300k	RMS	882.7M	-61.97	-13.00	-48.97	-	-
1G	8.49G	1M	3M	RMS	1.67036G	-44.66	-13.00	-31.66	-	-

Band 5 LTE_3MHz_1TX
847.5MHz_16QAM_RB 15,#RB 0

CSE-TX-Sum

22/04/2023

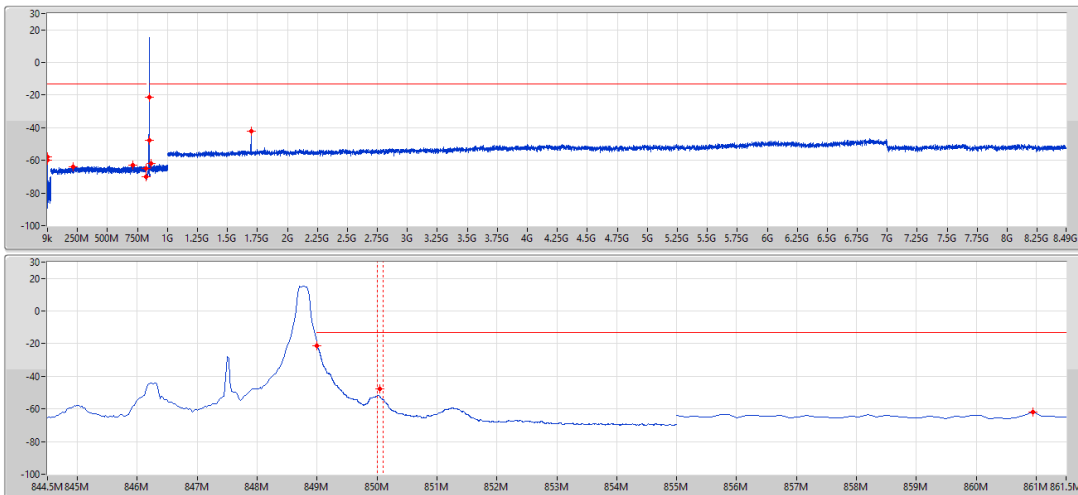


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	97.266k	-69.79	-13.00	-56.79	-	-
150k	30M	10k	30k	RMS	2.031M	-61.78	-13.00	-48.78	-	-
30M	500M	100k	300k	RMS	424.8M	-63.61	-13.00	-50.61	-	-
500M	818M	100k	300k	RMS	615.12M	-63.52	-13.00	-50.52	-	-
818M	823M	30k	100k	RMS	821.05M	-65.10	-13.00	-52.10	MBW 100k	-
823M	824M	30k	100k	RMS	823.84M	-69.80	-13.00	-56.80	-	-
849M	850M	30k	100k	RMS	849M	-28.85	-13.00	-15.85	-	-
850M	855M	30k	100k	RMS	850.05M	-35.28	-13.00	-22.28	MBW 100k	-
855M	1G	100k	300k	RMS	996.36M	-62.50	-13.00	-49.50	-	-
1G	8.49G	1M	3M	RMS	6.88059G	-46.99	-13.00	-33.99	-	-

Band 5 LTE_3MHz_1TX
847.5MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

22/04/2023

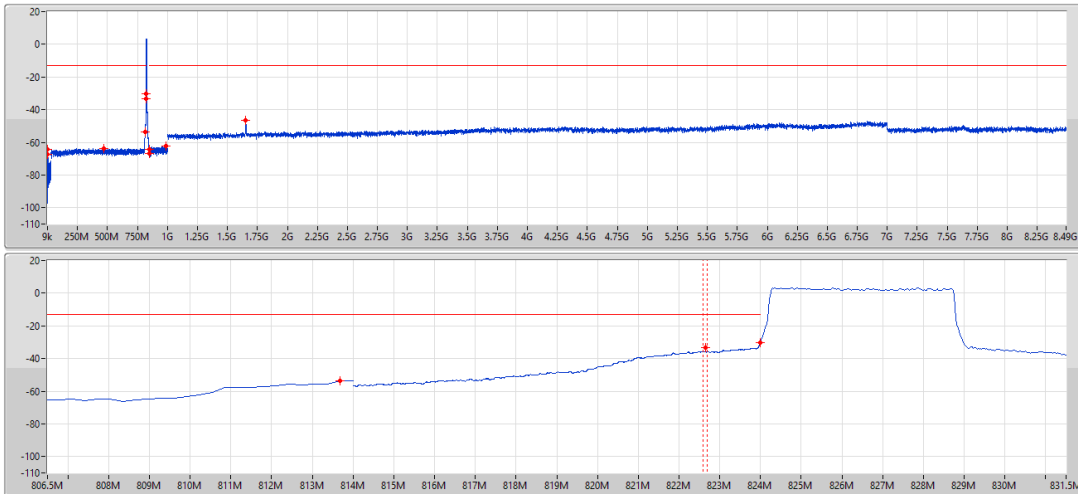


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	23.523k	-99.89	-13.00	-46.89	-	-
150k	30M	10k	30k	RMS	1.672M	-57.71	-13.00	-44.71	-	-
30M	500M	100k	300k	RMS	214.71M	-63.74	-13.00	-50.74	-	-
500M	818M	100k	300k	RMS	708.29M	-63.09	-13.00	-50.09	-	-
818M	823M	30k	100k	RMS	822.75M	-65.03	-13.00	-52.03	MBW 100k	-
823M	824M	30k	100k	RMS	823.29M	-70.07	-13.00	-57.07	-	-
849M	850M	30k	100k	RMS	849M	-21.22	-13.00	-8.22	-	-
850M	855M	30k	100k	RMS	850.05M	-47.76	-13.00	-34.76	MBW 100k	-
855M	1G	100k	300k	RMS	860.95M	-61.84	-13.00	-48.84	-	-
1G	8.49G	1M	3M	RMS	1.69751G	-42.25	-13.00	-29.25	-	-

Band 5 LTE_5MHz_1TX
826.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

22/04/2023

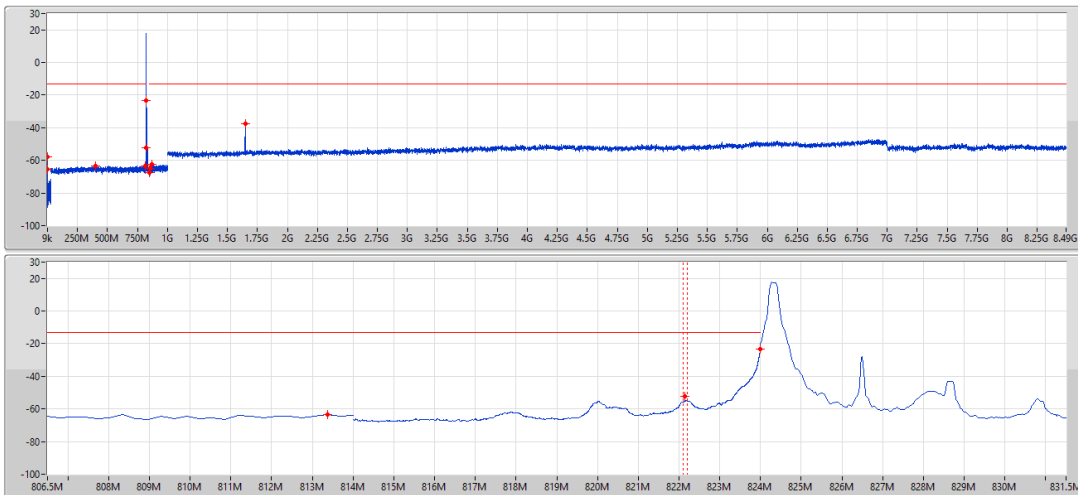


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	95.715k	-67.57	-13.00	-54.57	-	-
150k	30M	10k	30k	RMS	1.613M	-64.22	-13.00	-51.22	-	-
30M	500M	100k	300k	RMS	472.74M	-63.69	-13.00	-50.69	-	-
500M	814M	100k	300k	RMS	813.69M	-53.46	-13.00	-40.46	-	-
814M	823M	50k	200k	RMS	822.65M	-33.17	-13.00	-20.17	MBW 100k	-
823M	824M	50k	200k	RMS	824M	-30.50	-13.00	-17.50	-	-
849M	850M	50k	200k	RMS	849.53M	-66.88	-13.00	-53.88	-	-
850M	859M	50k	200k	RMS	850.25M	-64.17	-13.00	-51.17	MBW 100k	-
859M	1G	100k	300k	RMS	987.59M	-62.05	-13.00	-49.05	-	-
1G	8.49G	1M	3M	RMS	1.65257G	-46.36	-13.00	-33.36	-	-

Band 5 LTE_5MHz_1TX
826.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023

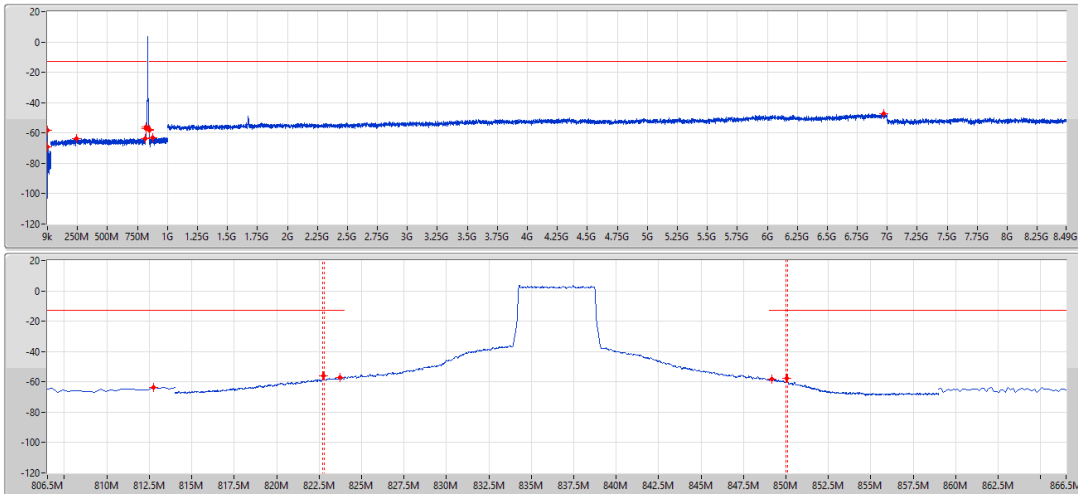


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	10.551k	-57.85	-13.00	-44.85	-	-
150k	30M	10k	30k	RMS	150k	-65.64	-13.00	-52.64	-	-
30M	500M	100k	300k	RMS	399.42M	-63.37	-13.00	-50.37	-	-
500M	814M	100k	300k	RMS	813.37M	-63.47	-13.00	-50.47	-	-
814M	823M	50k	200k	RMS	822.15M	-52.51	-13.00	-39.51	MBW 100k	-
823M	824M	50k	200k	RMS	824M	-23.43	-13.00	-10.43	-	-
849M	859M	50k	200k	RMS	949.52M	-67.62	-13.00	-54.62	-	-
850M	859M	50k	200k	RMS	858.15M	-64.81	-13.00	-51.81	MBW 100k	-
859M	1G	100k	300k	RMS	869.72M	-62.64	-13.00	-49.64	-	-
1G	8.49G	1M	3M	RMS	1.64789G	-37.76	-13.00	-24.76	-	-

Band 5 LTE_5MHz_1TX
836.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

22/04/2023

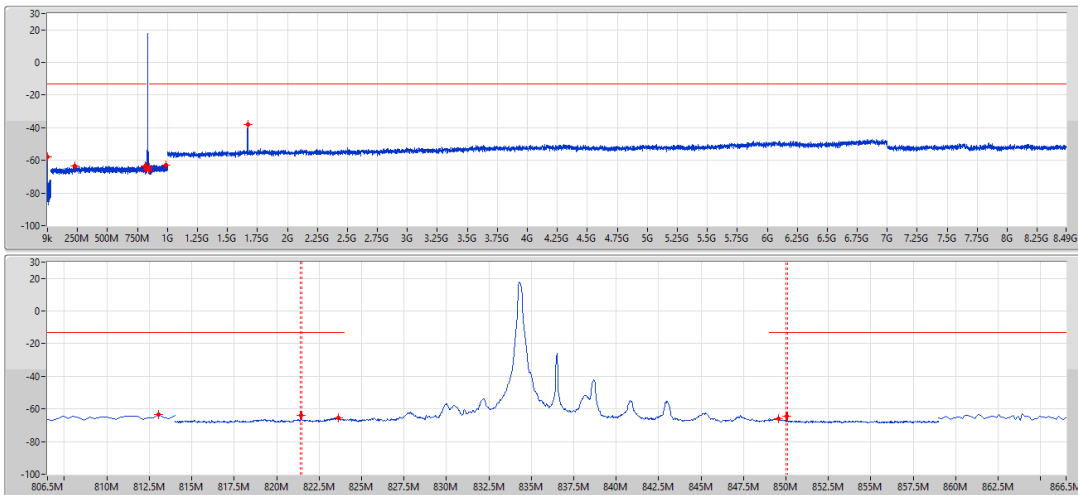


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	95.715k	-69.25	-13.00	-56.25	-	-
150k	30M	10k	30k	RMS	1.762M	-58.44	-13.00	-45.44	-	-
30M	500M	100k	300k	RMS	243.38M	-63.52	-13.00	-50.52	-	-
500M	814M	100k	300k	RMS	812.74M	-63.45	-13.00	-50.45	-	-
814M	823M	50k	200k	RMS	822.75M	-55.78	-13.00	-42.78	MBW 100k	-
823M	824M	50k	200k	RMS	823.73M	-57.31	-13.00	-44.31	-	-
849M	850M	50k	200k	RMS	849.19M	-58.47	-13.00	-45.47	-	-
850M	859M	50k	200k	RMS	850.05M	-57.51	-13.00	-44.51	MBW 100k	-
859M	1G	100k	300k	RMS	879.3M	-62.98	-13.00	-49.98	-	-
1G	8.49G	1M	3M	RMS	6.96659G	-47.32	-13.00	-34.32	-	-

Band 5 LTE_5MHz_1TX
836.5MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023

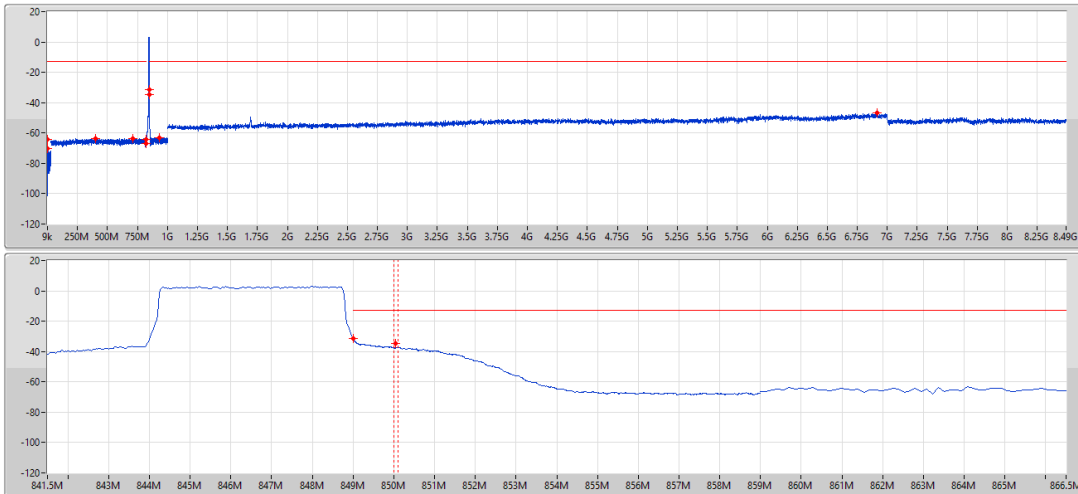


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	33.675k	-57.74	-13.00	-44.74	-	-
150k	30M	10k	30k	RMS	150k	-57.80	-13.00	-44.80	-	-
30M	500M	100k	300k	RMS	227.4M	-63.26	-13.00	-50.26	-	-
500M	814M	100k	300k	RMS	813.06M	-63.58	-13.00	-50.58	-	-
814M	823M	50k	200k	RMS	821.45M	-63.82	-13.00	-50.82	MBW 100k	-
823M	824M	50k	200k	RMS	823.65M	-65.43	-13.00	-52.43	-	-
849M	850M	50k	200k	RMS	949.58M	-66.11	-13.00	-53.11	-	-
850M	859M	50k	200k	RMS	850.05M	-64.67	-13.00	-51.67	MBW 100k	-
859M	1G	100k	300k	RMS	990.69M	-62.89	-13.00	-49.89	-	-
1G	8.49G	1M	3M	RMS	1.66648G	-37.99	-13.00	-24.99	-	-

Band 5 LTE_5MHz_1TX
846.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

22/04/2023

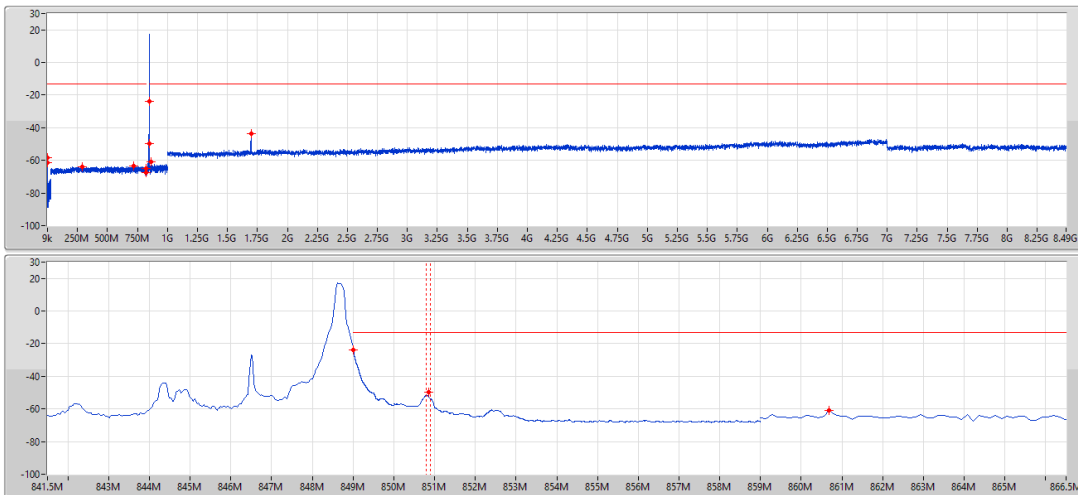


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	88.101k	-70.15	-13.00	-57.15	-	-
150k	30M	10k	30k	RMS	1.195M	-64.39	-13.00	-51.39	-	-
30M	500M	100k	300k	RMS	398.01M	-63.69	-13.00	-50.69	-	-
500M	814M	100k	300k	RMS	709.12M	-63.55	-13.00	-50.55	-	-
814M	823M	50k	200k	RMS	822.55M	-64.30	-13.00	-51.30	MBW 100k	-
823M	824M	50k	200k	RMS	823.7M	-66.88	-13.00	-53.88	-	-
849M	850M	50k	200k	RMS	849M	-31.52	-13.00	-18.52	-	-
850M	859M	50k	200k	RMS	850.05M	-34.75	-13.00	-21.75	MBW 100k	-
859M	1G	100k	300k	RMS	931.9M	-62.97	-13.00	-49.97	-	-
1G	8.49G	1M	3M	RMS	6.91242G	-46.58	-13.00	-33.58	-	-

Band 5 LTE_5MHz_1TX
846.5MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

22/04/2023

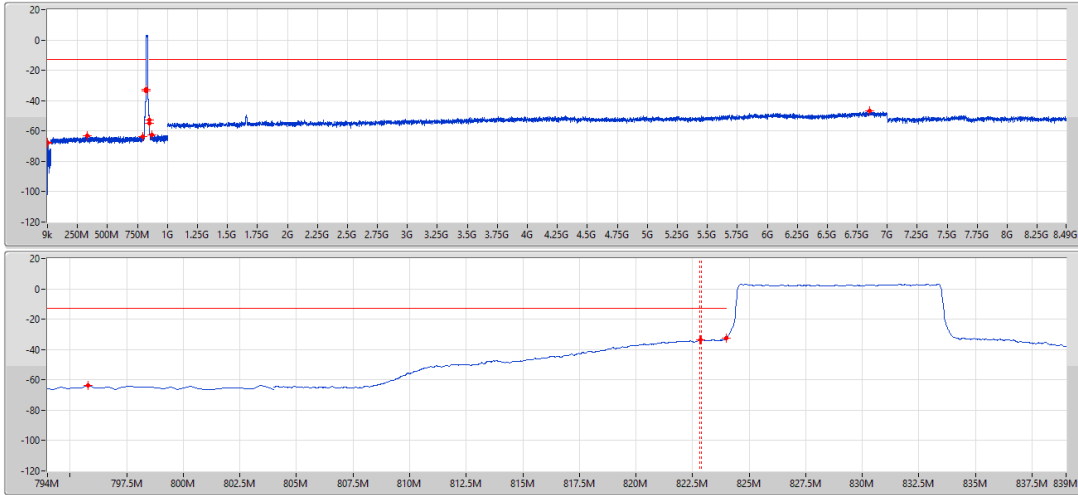


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	55.671k	-58.44	-13.00	-45.44	-	-
150k	30M	10k	30k	RMS	150k	-61.23	-13.00	-48.23	-	-
30M	500M	100k	300k	RMS	293.2M	-63.91	-13.00	-50.91	-	-
500M	814M	100k	300k	RMS	718.23M	-63.47	-13.00	-50.47	-	-
814M	823M	50k	200k	RMS	820.15M	-64.88	-13.00	-51.88	MBW 100k	-
823M	824M	50k	200k	RMS	823.96M	-67.74	-13.00	-54.74	-	-
849M	859M	50k	200k	RMS	849M	-23.60	-13.00	-10.60	-	-
850M	859M	50k	200k	RMS	850.85M	-49.78	-13.00	-36.78	MBW 100k	-
859M	1G	100k	300k	RMS	860.69M	-61.06	-13.00	-48.06	-	-
1G	8.49G	1M	3M	RMS	1.69657G	-43.54	-13.00	-30.54	-	-

Band 5_LTE_10MHz_1TX
829MHz_16QAM_RB 50,#RB 0

CSE-TX-Sum

22/04/2023

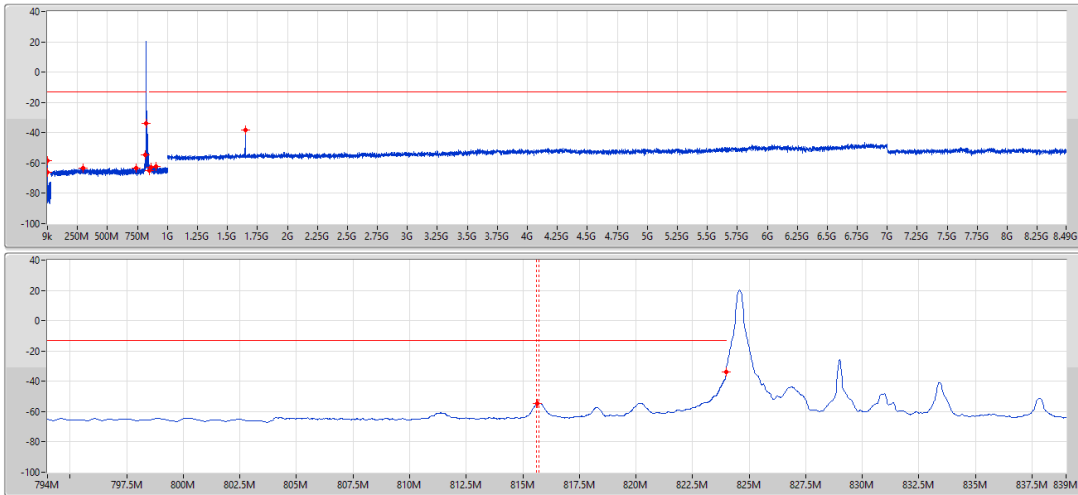


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	93.882k	-67.87	-13.00	-54.87	-	-
150k	30M	10k	30k	RMS	1.314M	-67.54	-13.00	-54.54	-	-
30M	500M	100k	300k	RMS	335.03M	-63.37	-13.00	-50.37	-	-
500M	804M	100k	300k	RMS	795.79M	-63.60	-13.00	-50.60	-	-
804M	823M	100k	300k	RMS	822.85M	-33.81	-13.00	-20.81	MBW 100k	-
823M	824M	100k	300k	RMS	824M	-32.67	-13.00	-19.67	-	-
849M	850M	100k	300k	RMS	849.04M	-52.90	-13.00	-39.90	-	-
850M	869M	100k	300k	RMS	850.05M	-54.97	-13.00	-41.97	MBW 100k	-
869M	1G	100k	300k	RMS	872.67M	-62.54	-13.00	-49.54	-	-
1G	8.49G	1M	3M	RMS	6.85156G	-46.51	-13.00	-33.51	-	-

Band 5_LTE_10MHz_1TX
829MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

22/04/2023



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	1k	3k	RMS	58.914k	-58.55	-13.00	-45.55	-	-
150k	30M	10k	30k	RMS	1.851M	-65.89	-13.00	-52.89	-	-
30M	500M	100k	300k	RMS	298.84M	-63.55	-13.00	-50.55	-	-
500M	804M	100k	300k	RMS	735.9M	-63.54	-13.00	-50.54	-	-
804M	823M	100k	300k	RMS	815.65M	-54.56	-13.00	-41.56	MBW 100k	-
823M	824M	100k	300k	RMS	824M	-33.96	-13.00	-20.96	-	-
849M	850M	100k	300k	RMS	949.51M	-64.83	-13.00	-51.83	-	-
850M	869M	100k	300k	RMS	863.45M	-62.55	-13.00	-49.55	MBW 100k	-
869M	1G	100k	300k	RMS	903.06M	-62.07	-13.00	-49.07	-	-
1G	8.49G	1M	3M	RMS	1.64882G	-38.37	-13.00	-25.37	-	-