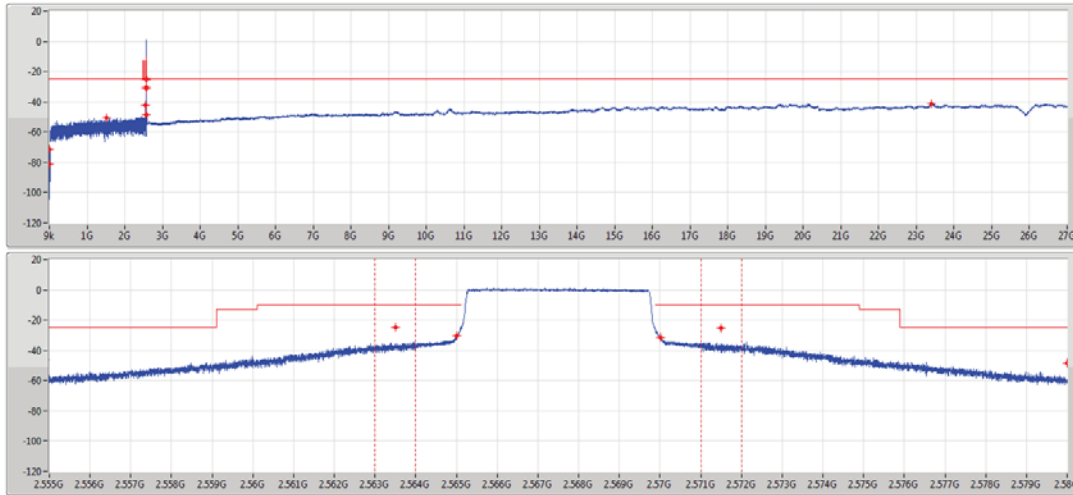


Band 7_LTE_5MHz_Nss1,16QAM_1TX
2567.5MHz_16QAM_RB 25,#RB 0

CSE-TX-Sum

31.08.2020

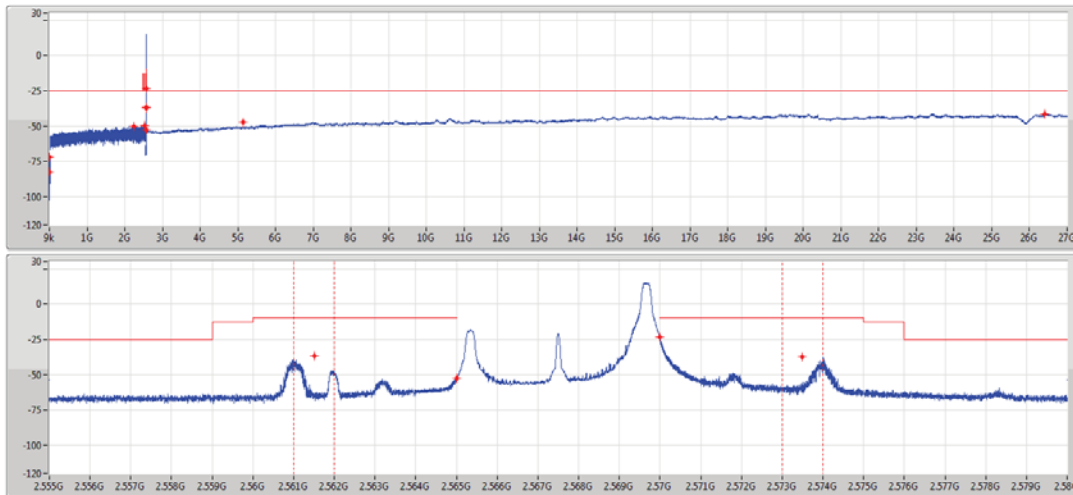


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	9k	-81.07	-25.00	-56.07	-	-
150k	30M	10k	30k	RMS	150k	-71.60	-25.00	-46.60	-	-
30M	2.3G	1M	3M	RMS	1.50862G	-50.61	-25.00	-25.61	-	-
2.3G	2.555G	1M	3M	RMS	2.55379G	-42.13	-25.00	-17.13	-	-
2.555G	2.564G	50k	200k	RMS	2.5635G	-25.07	-10.00	-15.07	MBW 1M	-
2.564G	2.565G	50k	200k	RMS	2.565G	-30.17	-10.00	-20.17	-	-
2.57G	2.571G	50k	200k	RMS	2.57001G	-31.64	-10.00	-21.64	-	-
2.571G	2.58G	50k	200k	RMS	2.5715G	-25.17	-10.00	-15.17	MBW 1M	-
2.58G	6G	1M	3M	RMS	2.58G	-48.12	-25.00	-23.12	-	-
6G	27G	1M	3M	RMS	23.39325G	-41.45	-25.00	-16.45	-	-

Band 7_LTE_5MHz_Nss1,16QAM_1TX
2567.5MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

31.08.2020



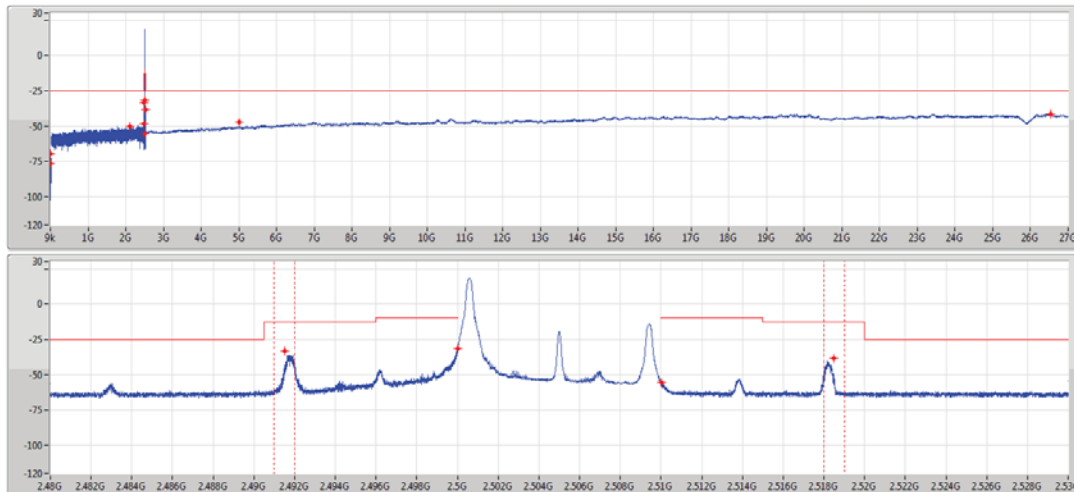
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	30.115k	-82.24	-25.00	-57.24	-	-
150k	30M	10k	30k	RMS	373.875k	-71.72	-25.00	-46.72	-	-
30M	2.3G	1M	3M	RMS	2.24978G	-50.18	-25.00	-25.18	-	-
2.3G	2.555G	1M	3M	RMS	2.53275G	-49.69	-25.00	-24.69	-	-
2.555G	2.564G	50k	200k	RMS	2.5615G	-36.94	-10.00	-26.94	MBW 1M	-
2.564G	2.565G	50k	200k	RMS	2.565G	-52.44	-10.00	-42.44	-	-
2.57G	2.571G	50k	200k	RMS	2.57G	-23.30	-10.00	-13.30	-	-
2.571G	2.58G	50k	200k	RMS	2.5735G	-37.61	-10.00	-27.61	MBW 1M	-
2.58G	6G	1M	3M	RMS	5.13987G	-47.20	-25.00	-22.20	-	-
6G	27G	1M	3M	RMS	26.40675G	-41.52	-25.00	-16.52	-	-

Band 7_LTE_10MHz_Nss1,16QAM_1TX

2505MHz 16QAM_RB 1,#RB L

CSE-TX-Sum

01/09/2020

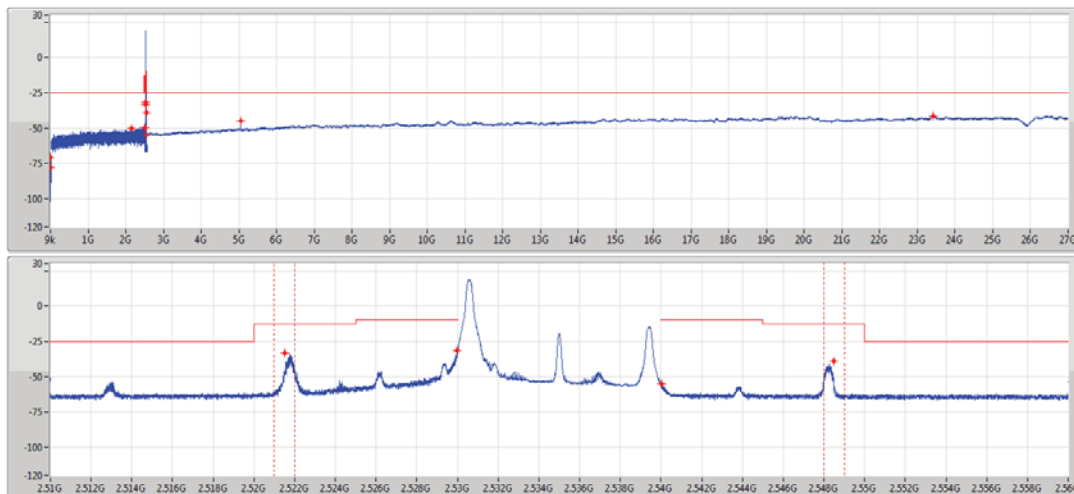


Band 7_LTE_10MHz_Nss1,16QAM_1TX

2535MHz 16QAM_RB 1,#RB L

CSE-TX-Sum

01/09/2020



Band 7_LTE_10MHz_Nss1,16QAM_1TX
2565MHz 16QAM_RB 1,#RB H

CSE-TX-Sum

28/08/2020

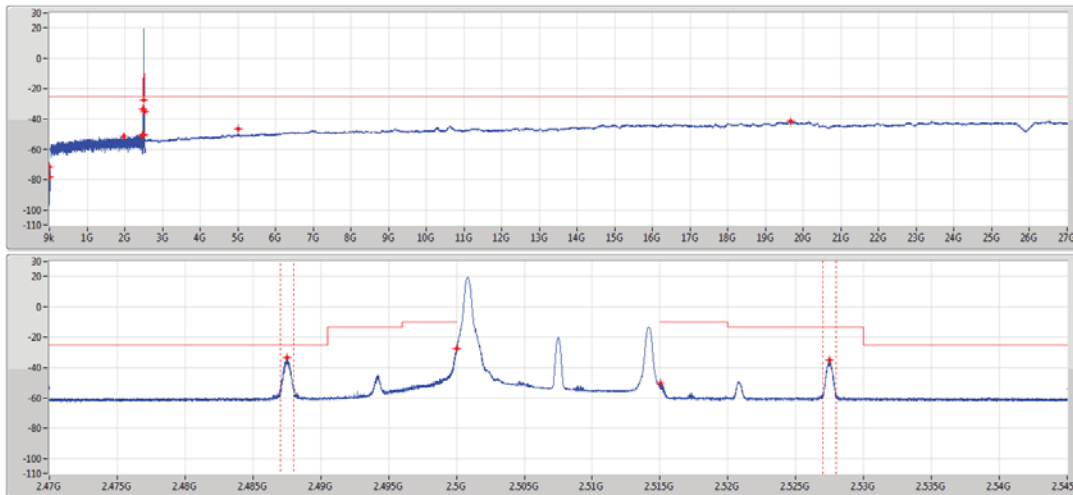


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	13.97k	-80.64	-25.00	-55.64	-	-
150k	30M	10k	30k	RMS	150k	-73.25	-25.00	-48.25	-	-
30M	2.3G	1M	3M	RMS	2.22821G	-51.22	-25.00	-26.22	-	-
2.3G	2.54G	1M	3M	RMS	2.4995G	-50.26	-25.00	-25.26	-	-
2.54G	2.559G	100k	300k	RMS	2.5515G	-31.71	-13.00	-18.71	MBW 1M	-
2.559G	2.56G	100k	300k	RMS	2.55999G	-53.50	-10.00	-43.50	-	-
2.57G	2.571G	100k	300k	RMS	2.57001G	-31.62	-10.00	-21.62	-	-
2.571G	2.59G	100k	300k	RMS	2.5785G	-36.09	-13.00	-23.09	MBW 1M	-
2.59G	6G	1M	3M	RMS	5.13898G	-46.43	-25.00	-21.43	-	-
6G	27G	1M	3M	RMS	19.629G	-41.76	-25.00	-16.76	-	-

Band 7_LTE_15MHz_Nss1,16QAM_1TX
2507.5MHz 16QAM_RB 1,#RB L

CSE-TX-Sum

28/08/2020

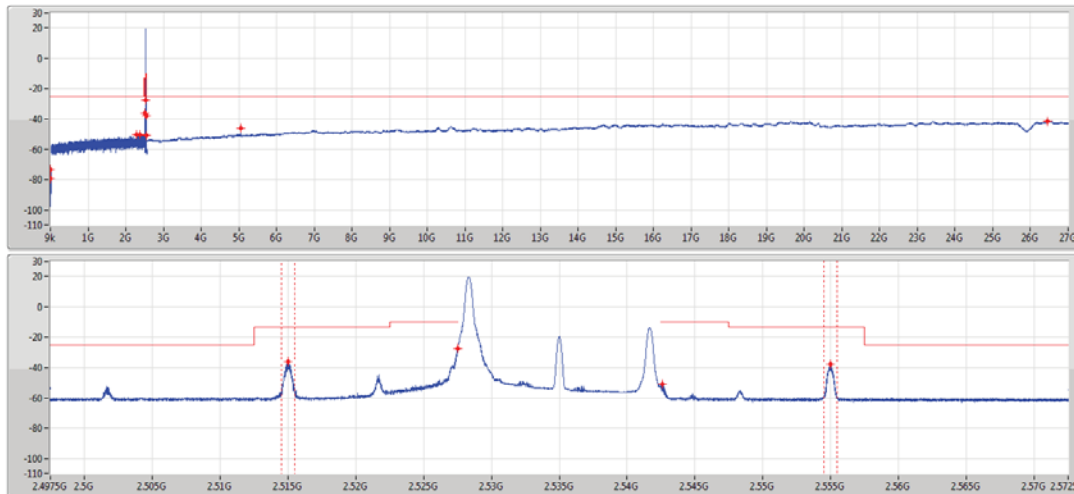


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	14.006k	-78.48	-25.00	-53.48	-	-
150k	30M	10k	30k	RMS	179.85k	-71.96	-25.00	-46.96	-	-
30M	2.3G	1M	3M	RMS	1.98788G	-51.66	-25.00	-26.66	-	-
2.3G	2.47G	1M	3M	RMS	2.46809G	-50.85	-25.00	-25.85	-	-
2.47G	2.499G	200k	500k	RMS	2.4875G	-33.38	-25.00	-8.38	MBW 1M	-
2.499G	2.5G	200k	500k	RMS	2.5G	-27.27	-10.00	-17.27	-	-
2.515G	2.516G	200k	500k	RMS	2.51505G	-50.12	-10.00	-40.12	-	-
2.516G	2.545G	200k	500k	RMS	2.5275G	-35.00	-13.00	-22.00	MBW 1M	-
2.545G	6G	1M	3M	RMS	5.00131G	-46.54	-25.00	-21.54	-	-
6G	27G	1M	3M	RMS	19.65525G	-41.67	-25.00	-16.67	-	-

Band 7_LTE_15MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

28/08/2020

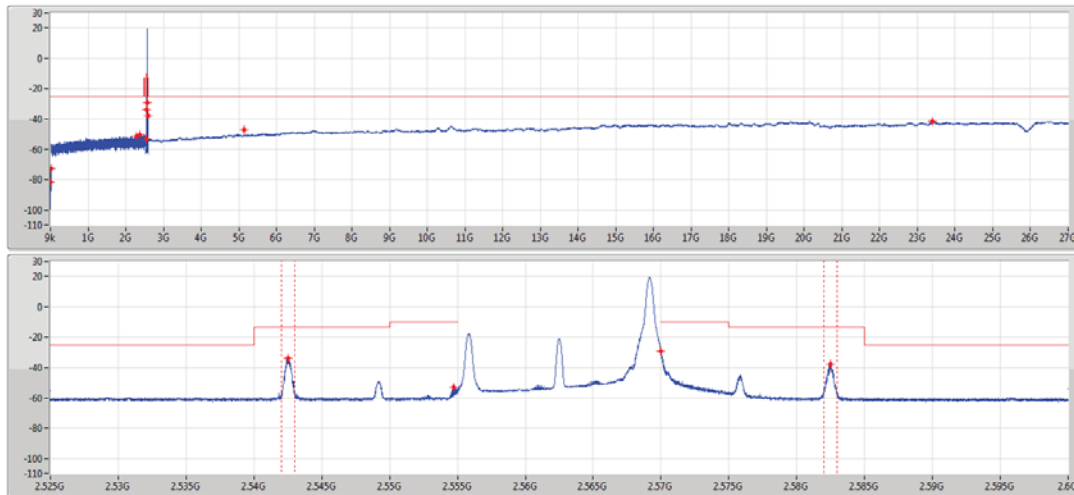


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	20.95k	-79.62	-25.00	-54.62	-	-
150k	30M	10k	30k	RMS	150k	-73.11	-25.00	-48.11	-	-
30M	2.3G	1M	3M	RMS	2.29064G	-50.38	-25.00	-25.38	-	-
2.3G	2.4975G	1M	3M	RMS	2.37154G	-50.46	-25.00	-25.46	-	-
2.4975G	2.5265G	200k	500k	RMS	2.515G	-35.00	-13.00	-22.00	MBW 1M	-
2.5265G	2.5275G	200k	500k	RMS	2.5275G	-27.51	-10.00	-17.51	-	-
2.5425G	2.5435G	200k	500k	RMS	2.54257G	-50.78	-10.00	-40.78	-	-
2.5435G	2.5725G	200k	500k	RMS	2.555G	-37.91	-13.00	-24.91	MBW 1M	-
2.5725G	6G	1M	3M	RMS	5.09658G	-45.93	-25.00	-20.93	-	-
6G	27G	1M	3M	RMS	26.44613G	-41.69	-25.00	-16.69	-	-

Band 7_LTE_15MHz_Nss1,16QAM_1TX
2562.5MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

28/08/2020

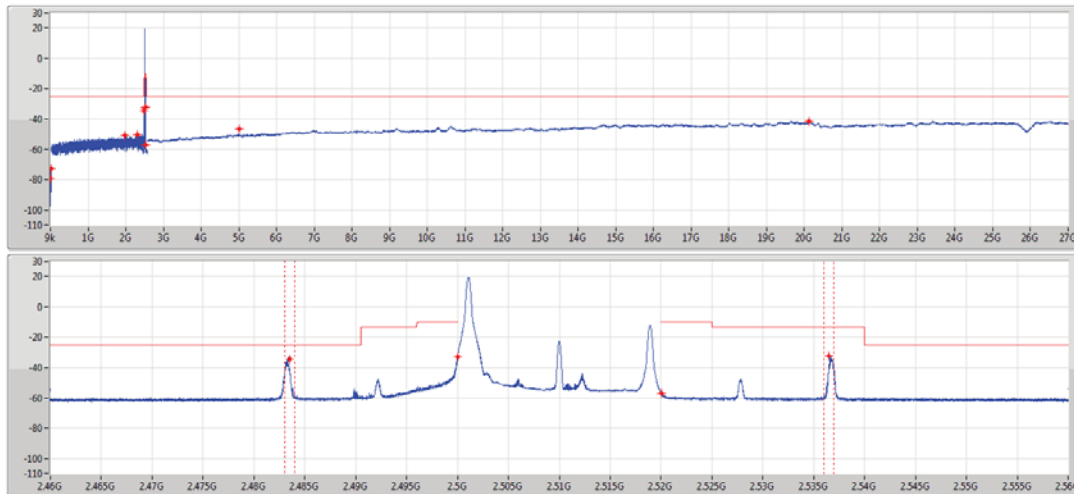


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	9.529k	-81.54	-25.00	-56.54	-	-
150k	30M	10k	30k	RMS	21.082M	-72.63	-25.00	-47.63	-	-
30M	2.3G	1M	3M	RMS	2.29035G	-51.24	-25.00	-26.24	-	-
2.3G	2.525G	1M	3M	RMS	2.37093G	-50.40	-25.00	-25.40	-	-
2.525G	2.554G	200k	500k	RMS	2.5425G	-33.80	-13.00	-20.80	MBW 1M	-
2.554G	2.5556G	200k	500k	RMS	2.5547G	-53.11	-10.00	-43.11	-	-
2.57G	2.571G	200k	500k	RMS	2.57G	-29.27	-10.00	-19.27	-	-
2.571G	2.6G	200k	500k	RMS	2.5825G	-37.77	-13.00	-24.77	MBW 1M	-
2.6G	6G	1M	3M	RMS	5.1381G	-47.01	-25.00	-22.01	-	-
6G	27G	1M	3M	RMS	23.39588G	-41.67	-25.00	-16.67	-	-

Band 7_LTE_20MHz_Nss1,16QAM_1TX
2510MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

28/08/2020

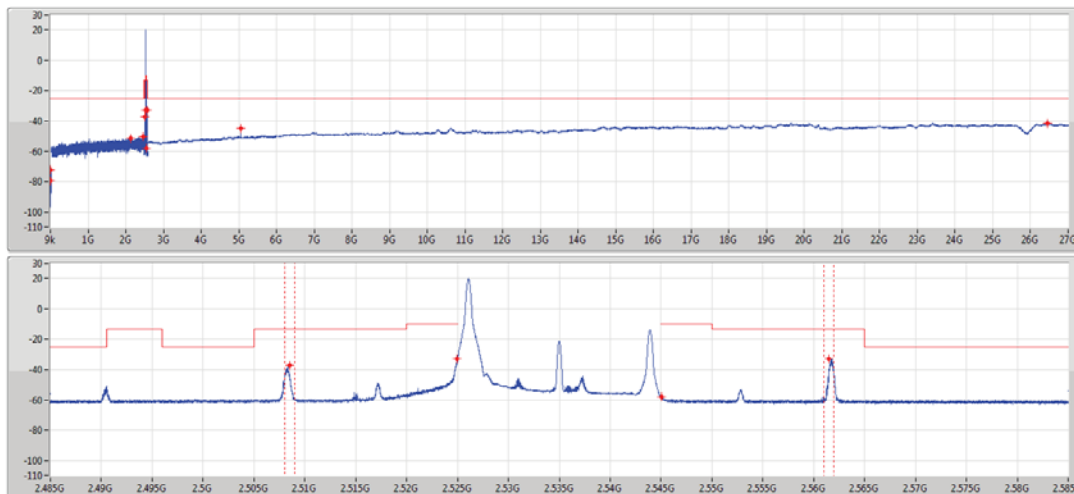


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	13.97k	-79.34	-25.00	-54.34	-	-
150k	30M	10k	30k	RMS	16.194M	-73.06	-25.00	-48.06	-	-
30M	2.3G	1M	3M	RMS	1.8839G	-51.21	-25.00	-26.21	-	-
2.3G	2.46G	1M	3M	RMS	2.31144G	-50.35	-25.00	-25.35	-	-
2.46G	2.499G	200k	1M	RMS	2.4835G	-34.37	-25.00	-9.37	MBW 1M	-
2.499G	2.5G	200k	1M	RMS	2.5G	-32.80	-10.00	-22.80	-	-
2.5G	2.521G	200k	1M	RMS	2.52002G	-56.73	-10.00	-46.73	-	-
2.521G	2.56G	200k	1M	RMS	2.5365G	-32.36	-13.00	-19.36	MBW 1M	-
2.56G	6G	1M	3M	RMS	5.0024G	-46.81	-25.00	-21.81	-	-
6G	27G	1M	3M	RMS	20.12775G	-41.64	-25.00	-16.64	-	-

Band 7_LTE_20MHz_Nss1,16QAM_1TX
2535MHz_16QAM_RB 1,#RB L

CSE-TX-Sum

28/08/2020

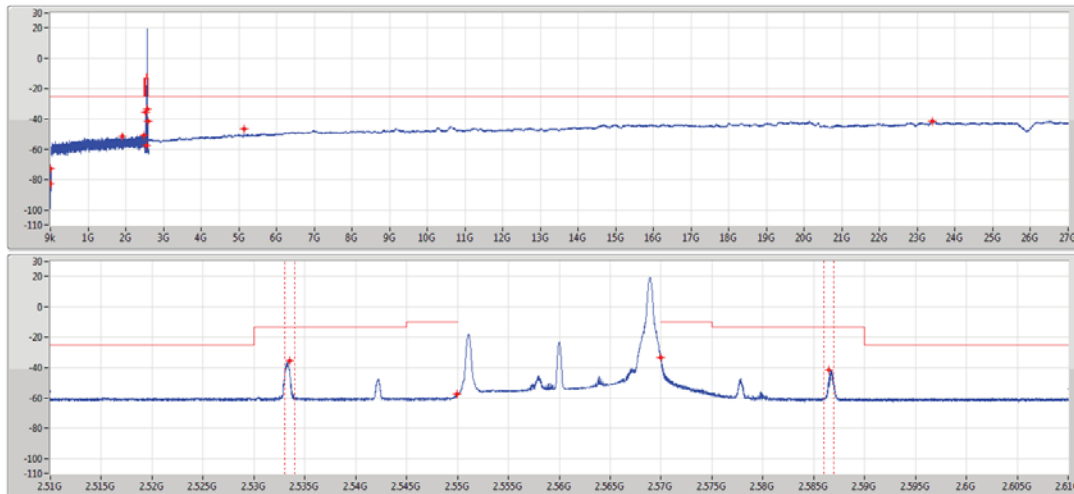


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	VBW(Hz)	Detector	Freq(Hz)	Level(dBm)	Limit(dBm)	Margin(dB)	Remark	Ref.Limit(dB)
9k	150k	200	1k	RMS	13.97k	-79.57	-25.00	-54.57	-	-
150k	30M	10k	30k	RMS	172.38k	-72.32	-25.00	-47.32	-	-
30M	2.3G	1M	3M	RMS	2.12436G	-51.49	-25.00	-26.49	-	-
2.3G	2.485G	1M	3M	RMS	2.45008G	-50.36	-25.00	-25.36	-	-
2.485G	2.524G	200k	1M	RMS	2.5085G	-37.49	-13.00	-24.49	MBW 1M	-
2.524G	2.525G	200k	1M	RMS	2.52499G	-33.08	-10.00	-23.08	-	-
2.525G	2.546G	200k	1M	RMS	2.54502G	-58.06	-10.00	-48.06	-	-
2.546G	2.585G	200k	1M	RMS	2.5615G	-32.73	-13.00	-19.73	MBW 1M	-
2.585G	6G	1M	3M	RMS	5.05234G	-45.01	-25.00	-20.01	-	-
6G	27G	1M	3M	RMS	26.45925G	-41.64	-25.00	-16.64	-	-

Band 7_LTE_20MHz_Nss1,16QAM_1TX
2560MHz_16QAM_RB 1,#RB H

CSE-TX-Sum

28.08.2020



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	200	1k	RMS	11.08k	-82.41	-25.00	-57.41	-	-
150k	30M	10k	30k	RMS	150k	-73.00	-25.00	-48.00	-	-
30M	2.3G	1M	3M	RMS	1.80303G	-51.71	-25.00	-26.71	-	-
2.3G	2.51G	1M	3M	RMS	2.48674G	-50.67	-25.00	-25.67	-	-
2.51G	2.549G	200k	1M	RMS	2.5335G	-35.46	-13.00	-22.46	MBW 1M	-
2.549G	2.55G	200k	1M	RMS	2.54999G	-57.66	-10.00	-47.66	-	-
2.57G	2.571G	200k	1M	RMS	2.57G	-33.41	-10.00	-23.41	-	-
2.571G	2.61G	200k	1M	RMS	2.5865G	-41.43	-13.00	-28.43	MBW 1M	-
2.61G	6G	1M	3M	RMS	5.13809G	-46.29	-25.00	-21.29	-	-
6G	27G	1M	3M	RMS	23.40638G	-41.56	-25.00	-16.56	-	-

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
850	-	-	-	-	-	-	-	-	-	-	-	-
GPRS_200kHz_Nss1_1TX	Pass	PK	1.648G	-64.81	-13.00	-51.81	26.5	-91.31	Vertical	13	3.00	"Worst"
1900	-	-	-	-	-	-	-	-	-	-	-	-
GPRS_200kHz_Nss1_1TX	Pass	PK	7.51913G	-57.10	-13.00	-44.10	39.41	-96.51	Horizontal	243	1.00	"Worst"

Result

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
850_GPRS_200kHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
824.2MHz	Pass	PK	1.648G	-64.81	-13.00	-51.81	26.5	-91.31	Vertical	13	3.00	"Worst"
824.2MHz	Pass	PK	2.47263G	-66.80	-13.00	-53.80	29.94	-96.74	Vertical	160	3.00	-
824.2MHz	Pass	PK	3.29613G	-66.33	-13.00	-53.33	30.1	-96.43	Vertical	114	2.00	-
824.2MHz	Pass	PK	1.64913G	-69.48	-13.00	-56.48	26.5	-95.98	Horizontal	38	2.00	-
824.2MHz	Pass	PK	2.47263G	-68.10	-13.00	-55.10	29.94	-98.04	Horizontal	21	2.00	-
824.2MHz	Pass	PK	3.29613G	-66.66	-13.00	-53.66	30.1	-96.76	Horizontal	186	2.00	"Worst"
1900_GPRS_200kHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1880MHz	Pass	PK	3.75928G	-64.78	-13.00	-51.78	30.4	-95.18	Vertical	2	3.00	-
1880MHz	Pass	PK	5.64103G	-63.03	-13.00	-50.03	33.5	-96.53	Vertical	123	1.00	-
1880MHz	Pass	PK	7.52034G	-57.71	-13.00	-44.71	39.42	-97.13	Vertical	290	1.00	"Worst"
1880MHz	Pass	PK	3.75928G	-65.52	-13.00	-52.52	30.4	-95.92	Horizontal	205	3.00	-
1880MHz	Pass	PK	5.64103G	-63.12	-13.00	-50.12	33.5	-96.62	Horizontal	95	2.00	-
1880MHz	Pass	PK	7.51913G	-57.10	-13.00	-44.10	39.41	-96.51	Horizontal	243	1.00	"Worst"

**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
Band 2	-	-	-	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	PK	5.63738G	-50.48	-13.00	-37.48	33.73	-84.21	Vertical	246	2.00	"Worst"

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1880MHz	Pass	PK	3.75806G	-63.42	-13.00	-50.42	30.48	-93.9	Vertical	173	2.00	-
1880MHz	Pass	PK	5.63738G	-50.48	-13.00	-37.48	33.73	-84.21	Vertical	246	2.00	"Worst"
1880MHz	Pass	PK	7.52156G	-56.87	-13.00	-43.87	39.14	-96.01	Vertical	148	2.00	-
1880MHz	Pass	PK	3.75806G	-64.98	-13.00	-51.98	30.48	-95.46	Horizontal	293	1.00	-
1880MHz	Pass	PK	5.63616G	-53.61	-13.00	-40.61	33.73	-87.34	Horizontal	198	2.00	"Worst"
1880MHz	Pass	PK	7.51791G	-56.54	-13.00	-43.54	39.14	-95.68	Horizontal	134	1.00	-



Summary

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
Band 2	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	PK	5.55084G	-54.58	-13.00	-41.58	33.7	-88.28	Horizontal	218	2.00	"Worst"
LTE_3MHz_Nss1,QPSK_1TX	Pass	PK	7.40578G	-56.81	-13.00	-43.81	39.26	-96.07	Horizontal	201	3.00	"Worst"
LTE_5MHz_Nss1,QPSK_1TX	Pass	PK	5.55084G	-54.81	-13.00	-41.81	33.7	-88.51	Horizontal	203	2.00	"Worst"
LTE_10MHz_Nss1,QPSK_1TX	Pass	PK	5.55206G	-54.17	-13.00	-41.17	33.69	-87.86	Horizontal	215	2.00	"Worst"
LTE_15MHz_Nss1,QPSK_1TX	Pass	PK	7.43747G	-56.64	-13.00	-43.64	39.57	-96.21	Vertical	40	2.00	"Worst"
LTE_20MHz_Nss1,QPSK_1TX	Pass	PK	7.446G	-56.35	-13.00	-43.35	39.66	-96.01	Horizontal	175	2.00	"Worst"
Band 4	-	-	-	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	PK	5.26078G	-46.55	-13.00	-33.55	33.9	-80.45	Vertical	242	3.00	"Worst"
LTE_3MHz_Nss1,QPSK_1TX	Pass	PK	5.13038G	-51.30	-13.00	-38.30	33.96	-85.26	Vertical	235	3.00	"Worst"
LTE_5MHz_Nss1,QPSK_1TX	Pass	PK	6.92803G	-58.60	-13.00	-45.60	37.7	-96.3	Vertical	40	1.00	"Worst"
LTE_10MHz_Nss1,QPSK_1TX	Pass	PK	6.99872G	-57.63	-13.00	-44.63	38.58	-96.21	Horizontal	300	2.00	"Worst"
LTE_15MHz_Nss1,QPSK_1TX	Pass	PK	6.98653G	-58.06	-13.00	-45.06	38.36	-96.42	Horizontal	151	3.00	"Worst"
LTE_20MHz_Nss1,QPSK_1TX	Pass	PK	6.98409G	-57.87	-13.00	-44.87	38.31	-96.18	Horizontal	129	3.00	"Worst"
Band 7	-	-	-	-	-	-	-	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	PK	10.26984G	-52.64	-13.00	-39.64	38.99	-91.63	Horizontal	149	1.00	"Worst"
LTE_10MHz_Nss1,QPSK_1TX	Pass	PK	10.14188G	-51.67	-13.00	-38.67	38.97	-90.64	Horizontal	123	3.00	"Worst"
LTE_15MHz_Nss1,QPSK_1TX	Pass	PK	10.03219G	-51.91	-13.00	-38.91	38.8	-90.71	Vertical	299	3.00	"Worst"
LTE_20MHz_Nss1,QPSK_1TX	Pass	PK	10.24547G	-51.54	-13.00	-38.54	39.06	-90.6	Vertical	113	3.00	"Worst"

Result

Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1850.7MHz_RB 1,#RB 0	Pass	PK	3.70078G	-60.61	-13.00	-47.61	30.4	-91.01	Vertical	160	3.00	-
1850.7MHz_RB 1,#RB 0	Pass	PK	5.55206G	-55.61	-13.00	-42.61	33.69	-89.3	Vertical	223	2.00	"Worst"
1850.7MHz_RB 1,#RB 0	Pass	PK	7.40213G	-56.52	-13.00	-43.52	39.22	-95.74	Vertical	3	3.00	-
1850.7MHz_RB 1,#RB 0	Pass	PK	3.70078G	-64.11	-13.00	-51.11	30.4	-94.51	Horizontal	318	3.00	-
1850.7MHz_RB 1,#RB 0	Pass	PK	5.55084G	-54.58	-13.00	-41.58	33.7	-88.28	Horizontal	218	2.00	"Worst"
1850.7MHz_RB 1,#RB 0	Pass	PK	7.40334G	-56.97	-13.00	-43.97	39.23	-96.2	Horizontal	358	3.00	-
1850.7MHz_RB 1,#RB 0	Pass											
Band 2_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1851.5MHz_RB 1,#RB 0	Pass	PK	3.70322G	-63.98	-13.00	-50.98	30.4	-94.38	Vertical	360	2.00	-
1851.5MHz_RB 1,#RB 0	Pass	PK	5.5545G	-61.63	-13.00	-48.63	33.68	-95.31	Vertical	21	3.00	-
1851.5MHz_RB 1,#RB 0	Pass	PK	7.40456G	-57.43	-13.00	-44.43	39.25	-96.68	Vertical	0	1.00	"Worst"
1851.5MHz_RB 1,#RB 0	Pass	PK	3.702G	-64.73	-13.00	-51.73	30.4	-95.13	Horizontal	320	2.00	-
1851.5MHz_RB 1,#RB 0	Pass	PK	5.55572G	-61.80	-13.00	-48.80	33.68	-95.48	Horizontal	36	3.00	-
1851.5MHz_RB 1,#RB 0	Pass	PK	7.40578G	-56.81	-13.00	-43.81	39.26	-96.07	Horizontal	201	3.00	"Worst"
1851.5MHz_RB 1,#RB 0	Pass											
Band 2_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1852.5MHz_RB 1,#RB 0	Pass	PK	3.70444G	-64.70	-13.00	-51.70	30.4	-95.1	Vertical	343	3.00	-
1852.5MHz_RB 1,#RB 0	Pass	PK	5.55938G	-60.69	-13.00	-47.69	33.66	-94.35	Vertical	7	3.00	-
1852.5MHz_RB 1,#RB 0	Pass	PK	7.41066G	-56.48	-13.00	-43.48	39.31	-95.79	Vertical	134	2.00	"Worst"
1852.5MHz_RB 1,#RB 0	Pass	PK	3.70566G	-64.99	-13.00	-51.99	30.4	-95.39	Horizontal	360	1.00	-
1852.5MHz_RB 1,#RB 0	Pass	PK	5.55084G	-54.81	-13.00	-41.81	33.7	-88.51	Horizontal	203	2.00	"Worst"
1852.5MHz_RB 1,#RB 0	Pass	PK	7.41066G	-57.60	-13.00	-44.60	39.31	-96.91	Horizontal	175	1.00	-
1852.5MHz_RB 1,#RB 0	Pass											
Band 2_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1855MHz_RB 1,#RB 0	Pass	PK	3.71419G	-64.77	-13.00	-51.77	30.4	-95.17	Vertical	357	2.00	-
1855MHz_RB 1,#RB 0	Pass	PK	5.56425G	-62.25	-13.00	-49.25	33.64	-95.89	Vertical	23	2.00	-
1855MHz_RB 1,#RB 0	Pass	PK	7.42284G	-56.76	-13.00	-43.76	39.43	-96.19	Vertical	75	3.00	"Worst"
1855MHz_RB 1,#RB 0	Pass	PK	3.70809G	-64.76	-13.00	-51.76	30.4	-95.16	Horizontal	60	3.00	-
1855MHz_RB 1,#RB 0	Pass	PK	5.55206G	-54.17	-13.00	-41.17	33.69	-87.86	Horizontal	215	2.00	"Worst"
1855MHz_RB 1,#RB 0	Pass	PK	7.42041G	-55.68	-13.00	-42.68	39.4	-95.08	Horizontal	357	3.00	-
1855MHz_RB 1,#RB 0	Pass											
Band 2_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1857.5MHz_RB 1,#RB 0	Pass	PK	3.71663G	-63.75	-13.00	-50.75	30.4	-94.15	Vertical	354	2.00	-
1857.5MHz_RB 1,#RB 0	Pass	PK	5.57888G	-62.20	-13.00	-49.20	33.58	-95.78	Vertical	270	2.00	-
1857.5MHz_RB 1,#RB 0	Pass	PK	7.43747G	-56.64	-13.00	-43.64	39.57	-96.21	Vertical	40	2.00	"Worst"
1857.5MHz_RB 1,#RB 0	Pass	PK	3.71053G	-64.83	-13.00	-51.83	30.4	-95.23	Horizontal	357	2.00	-
1857.5MHz_RB 1,#RB 0	Pass	PK	5.56669G	-61.87	-13.00	-48.87	33.63	-95.5	Horizontal	230	2.00	-
1857.5MHz_RB 1,#RB 0	Pass	PK	7.43503G	-56.72	-13.00	-43.72	39.55	-96.27	Horizontal	174	2.00	"Worst"
1857.5MHz_RB 1,#RB 0	Pass											
Band 2_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1860MHz_RB 1,#RB 0	Pass	PK	3.72394G	-64.80	-13.00	-51.80	30.4	-95.2	Vertical	2	2.00	-
1860MHz_RB 1,#RB 0	Pass	PK	5.58253G	-61.32	-13.00	-48.32	33.57	-94.89	Vertical	37	2.00	-
1860MHz_RB 1,#RB 0	Pass	PK	7.44966G	-56.43	-13.00	-43.43	39.7	-96.13	Vertical	336	1.50	"Worst"
1860MHz_RB 1,#RB 0	Pass	PK	3.72028G	-64.94	-13.00	-51.94	30.4	-95.34	Horizontal	192	2.00	-
1860MHz_RB 1,#RB 0	Pass	PK	5.58131G	-61.86	-13.00	-48.86	33.57	-95.43	Horizontal	358	2.00	-
1860MHz_RB 1,#RB 0	Pass	PK	7.446G	-56.35	-13.00	-43.35	39.66	-96.01	Horizontal	175	2.00	"Worst"



Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
1860MHz_RB 1,#RB 0	Pass											
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1754.3MHz_RB 1,#RB 0	Pass	PK	3.50822G	-62.74	-13.00	-49.74	30.23	-92.97	Vertical	293	1.00	-
1754.3MHz_RB 1,#RB 0	Pass	PK	5.26078G	-46.55	-13.00	-33.55	33.9	-80.45	Vertical	242	3.00	"Worst"
1754.3MHz_RB 1,#RB 0	Pass	PK	7.017G	-59.21	-13.00	-46.21	38.6	-97.81	Vertical	0	1.00	-
1754.3MHz_RB 1,#RB 0	Pass	PK	3.50822G	-64.30	-13.00	-51.30	30.23	-94.53	Horizontal	25	1.00	-
1754.3MHz_RB 1,#RB 0	Pass	PK	5.26078G	-50.84	-13.00	-37.84	33.9	-84.74	Horizontal	266	3.00	"Worst"
1754.3MHz_RB 1,#RB 0	Pass	PK	7.017G	-60.09	-13.00	-47.09	38.6	-98.69	Horizontal	324	2.00	-
1754.3MHz_RB 1,#RB 0	Pass											
Band 4_LTE_3MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1711.5MHz_RB 1,#RB 0	Pass	PK	3.42169G	-66.59	-13.00	-53.59	30.3	-96.89	Vertical	53	2.00	-
1711.5MHz_RB 1,#RB 0	Pass	PK	5.13038G	-51.30	-13.00	-38.30	33.96	-85.26	Vertical	235	3.00	"Worst"
1711.5MHz_RB 1,#RB 0	Pass	PK	6.84516G	-59.84	-13.00	-46.84	36.93	-96.77	Vertical	183	1.00	-
1711.5MHz_RB 1,#RB 0	Pass	PK	3.42413G	-65.81	-13.00	-52.81	30.3	-96.11	Horizontal	311	3.00	-
1711.5MHz_RB 1,#RB 0	Pass	PK	5.13038G	-55.80	-13.00	-42.80	33.96	-89.76	Horizontal	272	3.00	"Worst"
1711.5MHz_RB 1,#RB 0	Pass	PK	6.84638G	-59.23	-13.00	-46.23	36.92	-96.15	Horizontal	351	3.00	-
1711.5MHz_RB 1,#RB 0	Pass											
Band 4_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1732.5MHz_RB 1,#RB 0	Pass	PK	3.46556G	-66.12	-13.00	-53.12	30.27	-96.39	Vertical	360	3.00	-
1732.5MHz_RB 1,#RB 0	Pass	PK	5.19619G	-63.81	-13.00	-50.81	33.82	-97.63	Vertical	192	1.00	-
1732.5MHz_RB 1,#RB 0	Pass	PK	6.92803G	-58.60	-13.00	-45.60	37.7	-96.3	Vertical	40	1.00	"Worst"
1732.5MHz_RB 1,#RB 0	Pass	PK	3.46678G	-66.20	-13.00	-53.20	30.27	-96.47	Horizontal	93	3.00	-
1732.5MHz_RB 1,#RB 0	Pass	PK	5.19619G	-62.02	-13.00	-49.02	33.82	-95.84	Horizontal	45	3.00	-
1732.5MHz_RB 1,#RB 0	Pass	PK	6.92803G	-59.23	-13.00	-46.23	37.7	-96.93	Horizontal	356	3.00	"Worst"
1732.5MHz_RB 1,#RB 0	Pass											
Band 4_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1750MHz_RB 1,#RB 0	Pass	PK	3.50334G	-65.59	-13.00	-52.59	30.21	-95.8	Vertical	353	2.00	-
1750MHz_RB 1,#RB 0	Pass	PK	5.24981G	-63.11	-13.00	-50.11	33.9	-97.01	Vertical	223	1.00	-
1750MHz_RB 1,#RB 0	Pass	PK	7.00359G	-58.61	-13.00	-45.61	38.6	-97.21	Vertical	349	3.00	"Worst"
1750MHz_RB 1,#RB 0	Pass	PK	3.49969G	-65.53	-13.00	-52.53	30.2	-95.73	Horizontal	84	1.00	-
1750MHz_RB 1,#RB 0	Pass	PK	5.24981G	-62.36	-13.00	-49.36	33.9	-96.26	Horizontal	72	3.00	-
1750MHz_RB 1,#RB 0	Pass	PK	6.99872G	-57.63	-13.00	-44.63	38.58	-96.21	Horizontal	300	2.00	"Worst"
1750MHz_RB 1,#RB 0	Pass											
Band 4_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1747.5MHz_RB 1,#RB 0	Pass	PK	3.49359G	-65.51	-13.00	-52.51	30.21	-95.72	Vertical	316	3.00	-
1747.5MHz_RB 1,#RB 0	Pass	PK	5.23641G	-62.97	-13.00	-49.97	33.87	-96.84	Vertical	85	3.00	-
1747.5MHz_RB 1,#RB 0	Pass	PK	6.98775G	-58.47	-13.00	-45.47	38.38	-96.85	Vertical	257	3.00	"Worst"
1747.5MHz_RB 1,#RB 0	Pass	PK	3.49116G	-65.13	-13.00	-52.13	30.22	-95.35	Horizontal	5	3.00	-
1747.5MHz_RB 1,#RB 0	Pass	PK	5.24372G	-62.48	-13.00	-49.48	33.89	-96.37	Horizontal	70	3.00	-
1747.5MHz_RB 1,#RB 0	Pass	PK	6.98653G	-58.06	-13.00	-45.06	38.36	-96.42	Horizontal	151	3.00	"Worst"
1747.5MHz_RB 1,#RB 0	Pass											
Band 4_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
1745MHz_RB 1,#RB 0	Pass	PK	3.48141G	-64.45	-13.00	-51.45	30.24	-94.69	Vertical	248	3.00	-
1745MHz_RB 1,#RB 0	Pass	PK	5.22544G	-63.29	-13.00	-50.29	33.85	-97.14	Vertical	12	1.00	-
1745MHz_RB 1,#RB 0	Pass	PK	6.97191G	-58.03	-13.00	-45.03	38.09	-96.12	Vertical	208	3.00	"Worst"
1745MHz_RB 1,#RB 0	Pass	PK	3.48994G	-65.66	-13.00	-52.66	30.22	-95.88	Horizontal	261	1.00	-
1745MHz_RB 1,#RB 0	Pass	PK	5.24006G	-62.95	-13.00	-49.95	33.88	-96.83	Horizontal	227	3.00	-
1745MHz_RB 1,#RB 0	Pass	PK	6.98409G	-57.87	-13.00	-44.87	38.31	-96.18	Horizontal	129	3.00	"Worst"



Mode	Result	Type	Freq (Hz)	Level (dBm)	Limit (dBm)	Margin (dB)	Sub.Ant (dBi)	Sub.Level (dBm)	Condition	Azimuth (°)	Height (m)	Comments
1745MHz_RB 1,#RB 0	Pass											
Band 7_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2567.5MHz_RB 1,#RB 0	Pass	PK	5.13403G	-61.90	-13.00	-48.90	33.97	-95.87	Vertical	54	3.00	-
2567.5MHz_RB 1,#RB 0	Pass	PK	7.70194G	-57.13	-13.00	-44.13	39.5	-96.63	Vertical	357	2.00	-
2567.5MHz_RB 1,#RB 0	Pass	PK	10.26984G	-52.85	-13.00	-39.85	38.99	-91.84	Vertical	5	1.00	"Worst"
2567.5MHz_RB 1,#RB 0	Pass	PK	5.13403G	-62.77	-13.00	-49.77	33.97	-96.74	Horizontal	121	3.00	-
2567.5MHz_RB 1,#RB 0	Pass	PK	7.70194G	-56.69	-13.00	-43.69	39.5	-96.19	Horizontal	354	3.00	-
2567.5MHz_RB 1,#RB 0	Pass	PK	10.26984G	-52.64	-13.00	-39.64	38.99	-91.63	Horizontal	149	1.00	"Worst"
2567.5MHz_RB 1,#RB 0	Pass											
Band 7_LTE_10MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2535MHz_RB 1,#RB 0	Pass	PK	5.07188G	-62.15	-13.00	-49.15	33.9	-96.05	Vertical	84	2.00	-
2535MHz_RB 1,#RB 0	Pass	PK	7.60444G	-56.51	-13.00	-43.51	39.53	-96.04	Vertical	200	2.00	-
2535MHz_RB 1,#RB 0	Pass	PK	10.14066G	-52.30	-13.00	-39.30	38.96	-91.26	Vertical	216	2.00	"Worst"
2535MHz_RB 1,#RB 0	Pass	PK	5.067G	-61.94	-13.00	-48.94	33.9	-95.84	Horizontal	147	3.00	-
2535MHz_RB 1,#RB 0	Pass	PK	7.60444G	-57.35	-13.00	-44.35	39.53	-96.88	Horizontal	171	3.00	-
2535MHz_RB 1,#RB 0	Pass	PK	10.14188G	-51.67	-13.00	-38.67	38.97	-90.64	Horizontal	123	3.00	"Worst"
2535MHz_RB 1,#RB 0	Pass											
Band 7_LTE_15MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2507.5MHz_RB 1,#RB 0	Pass	PK	5.01947G	-62.22	-13.00	-49.22	33.9	-96.12	Vertical	59	3.00	-
2507.5MHz_RB 1,#RB 0	Pass	PK	7.524G	-56.25	-13.00	-43.25	39.44	-95.69	Vertical	307	3.00	-
2507.5MHz_RB 1,#RB 0	Pass	PK	10.03219G	-51.91	-13.00	-38.91	38.8	-90.71	Vertical	299	3.00	"Worst"
2507.5MHz_RB 1,#RB 0	Pass	PK	5.01825G	-62.33	-13.00	-49.33	33.9	-96.23	Horizontal	254	3.00	-
2507.5MHz_RB 1,#RB 0	Pass	PK	7.52766G	-56.08	-13.00	-43.08	39.47	-95.55	Horizontal	87	3.00	-
2507.5MHz_RB 1,#RB 0	Pass	PK	10.03341G	-52.29	-13.00	-39.29	38.8	-91.09	Horizontal	260	1.00	"Worst"
2507.5MHz_RB 1,#RB 0	Pass											
Band 7_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-	-	-	-
2560MHz_RB 1,#RB 0	Pass	PK	5.11819G	-61.36	-13.00	-48.36	33.94	-95.3	Vertical	3	3.00	-
2560MHz_RB 1,#RB 0	Pass	PK	7.68122G	-56.26	-13.00	-43.26	39.61	-95.87	Vertical	284	3.00	-
2560MHz_RB 1,#RB 0	Pass	PK	10.24547G	-51.54	-13.00	-38.54	39.06	-90.6	Vertical	113	3.00	"Worst"
2560MHz_RB 1,#RB 0	Pass	PK	5.12794G	-62.40	-13.00	-49.40	33.96	-96.36	Horizontal	87	3.00	-
2560MHz_RB 1,#RB 0	Pass	PK	7.68609G	-55.78	-13.00	-42.78	39.58	-95.36	Horizontal	147	3.00	-
2560MHz_RB 1,#RB 0	Pass	PK	10.24425G	-52.66	-13.00	-39.66	39.07	-91.73	Horizontal	254	3.00	"Worst"
2560MHz_RB 1,#RB 0	Pass											

**Summary**

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
850	-	-	-	-	-	-	-	-	-
GPRS_200kHz_Nss1_1TX	Pass	836.4M	836.4M	836.25M	836.55M	0.03	824M,849M,2.5	1	-
EGPRS_200kHz_Nss1_1TX	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
1900	-	-	-	-	-	-	-	-	-
GPRS_200kHz_Nss1_1TX	Pass	1.88G	1.880003G	1.879872G	1.880134G	0.01	1.85G,1.91G	1	-
EGPRS_200kHz_Nss1_1TX	Pass	1.88G	1.879997G	1.879853G	1.880141G	0	1.85G,1.91G	1	-

**Result**

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
850_GPRS_200kHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
836.4MHz_-40°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_-30°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_-20°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_-10°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_0°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_10°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_20°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_30°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_40°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_50°C	Pass	836.4M	836.4M	836.25M	836.55M	0.03	824M,849M,2.5	1	-
836.4MHz_60°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_70°C	Pass	836.4M	836.4M	836.25M	836.55M	0.03	824M,849M,2.5	1	-
836.4MHz_138V	Pass	836.4M	836.4M	836.25M	836.55M	0.03	824M,849M,2.5	1	-
836.4MHz_120V	Pass	836.4M	836.4M	836.25M	836.55M	0.03	824M,849M,2.5	1	-
836.4MHz_102V	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
850_EGPRS_200kHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
836.4MHz_-40°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_-30°C	Pass	836.4M	836.398631M	836.25M	836.547262M	0.01	824M,849M,2.5	1	-
836.4MHz_-20°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_-10°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_0°C	Pass	836.4M	836.400262M	836.250525M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_10°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_20°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_30°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_40°C	Pass	836.4M	836.4M	836.25M	836.55M	0	824M,849M,2.5	1	-
836.4MHz_50°C	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_60°C	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_70°C	Pass	836.4M	836.4009M	836.2518M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_138V	Pass	836.4M	836.4M	836.25M	836.55M	0.02	824M,849M,2.5	1	-
836.4MHz_120V	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
836.4MHz_102V	Pass	836.4M	836.4M	836.25M	836.55M	0.01	824M,849M,2.5	1	-
1900_GPRS_200kHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1880MHz_-40°C	Pass	1.88G	1.880003G	1.879872G	1.880134G	0.01	1.85G,1.91G	1	-
1880MHz_-30°C	Pass	1.88G	1.880007G	1.87987G	1.880144G	0.01	1.85G,1.91G	1	-
1880MHz_-20°C	Pass	1.88G	1.88G	1.879863G	1.880137G	0.01	1.85G,1.91G	1	-
1880MHz_-10°C	Pass	1.88G	1.88G	1.879877G	1.880124G	0.01	1.85G,1.91G	1	-
1880MHz_0°C	Pass	1.88G	1.879999G	1.87986G	1.880138G	0.01	1.85G,1.91G	1	-



Frequency Stability_2G

Appendix F.1

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
1880MHz_10°C	Pass	1.88G	1.880005G	1.879871G	1.880138G	0.01	1.85G,1.91G	1	-
1880MHz_20°C	Pass	1.88G	1.88G	1.879866G	1.880134G	0	1.85G,1.91G	1	-
1880MHz_30°C	Pass	1.88G	1.880006G	1.879862G	1.88015G	0.01	1.85G,1.91G	1	-
1880MHz_40°C	Pass	1.88G	1.879992G	1.879865G	1.88012G	0	1.85G,1.91G	1	-
1880MHz_50°C	Pass	1.88G	1.880004G	1.879859G	1.88015G	0.01	1.85G,1.91G	1	-
1880MHz_60°C	Pass	1.88G	1.880007G	1.879873G	1.880141G	0.01	1.85G,1.91G	1	-
1880MHz_70°C	Pass	1.88G	1.880009G	1.87988G	1.880137G	0.01	1.85G,1.91G	1	-
1880MHz_138V	Pass	1.88G	1.880006G	1.879875G	1.880138G	0.01	1.85G,1.91G	1	-
1880MHz_120V	Pass	1.88G	1.879999G	1.879866G	1.880132G	0.01	1.85G,1.91G	1	-
1880MHz_102V	Pass	1.88G	1.879998G	1.879866G	1.880129G	0.01	1.85G,1.91G	1	-
1900_EGPRS_200KHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1880MHz_-40°C	Pass	1.88G	1.879997G	1.879853G	1.880141G	0	1.85G,1.91G	1	-
1880MHz_-30°C	Pass	1.88G	1.880003G	1.87987G	1.880136G	0	1.85G,1.91G	1	-
1880MHz_-20°C	Pass	1.88G	1.88G	1.879863G	1.880137G	0	1.85G,1.91G	1	-
1880MHz_-10°C	Pass	1.88G	1.880003G	1.879869G	1.880137G	0	1.85G,1.91G	1	-
1880MHz_0°C	Pass	1.88G	1.880001G	1.879856G	1.880146G	0	1.85G,1.91G	1	-
1880MHz_10°C	Pass	1.88G	1.88G	1.879878G	1.880123G	0	1.85G,1.91G	1	-
1880MHz_20°C	Pass	1.88G	1.880005G	1.879868G	1.880142G	0	1.85G,1.91G	1	-
1880MHz_30°C	Pass	1.88G	1.879996G	1.879863G	1.880129G	0	1.85G,1.91G	1	-
1880MHz_40°C	Pass	1.88G	1.880003G	1.87987G	1.880137G	0	1.85G,1.91G	1	-
1880MHz_50°C	Pass	1.88G	1.880002G	1.879868G	1.880136G	0	1.85G,1.91G	1	-
1880MHz_60°C	Pass	1.88G	1.880001G	1.879863G	1.88014G	0	1.85G,1.91G	1	-
1880MHz_70°C	Pass	1.88G	1.879994G	1.879851G	1.880137G	0	1.85G,1.91G	1	-
1880MHz_138V	Pass	1.88G	1.880002G	1.879868G	1.880136G	0	1.85G,1.91G	1	-
1880MHz_120V	Pass	1.88G	1.879992G	1.87986G	1.880124G	0	1.85G,1.91G	1	-
1880MHz_102V	Pass	1.88G	1.880005G	1.879873G	1.880137G	0	1.85G,1.91G	1	-



Summary

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 2	-	-	-	-	-	-	-	-	-
WCDMA_5MHz_Nss1_1TX	Pass	1.88G	1.879996G	1.877743G	1.882249G	-2.244	1.85G,1.91G,2.5	1	-

**Result**

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 2_WCDMA_5MHz_Nss1_1TX	-	-	-	-	-	-	-	-	-
1880MHz_-40°C	Pass	1.88G	1.879999G	1.877712G	1.882286G	-0.748	1.85G,1.91G,1	1	-
1880MHz_-30°C	Pass	1.88G	1.879996G	1.877743G	1.882249G	-2.244	1.85G,1.91G,1	1	-
1880MHz_-20°C	Pass	1.88G	1.880001G	1.877717G	1.882286G	0.748	1.85G,1.91G,1	1	-
1880MHz_-10°C	Pass	1.88G	1.880002G	1.877735G	1.88227G	1.247	1.85G,1.91G,1	1	-
1880MHz_0°C	Pass	1.88G	1.879999G	1.877757G	1.882242G	-0.499	1.85G,1.91G,1	1	-
1880MHz_10°C	Pass	1.88G	1.879999G	1.877722G	1.882276G	-0.499	1.85G,1.91G,1	1	-
1880MHz_20°C	Pass	1.88G	1.880001G	1.877728G	1.882275G	0.748	1.85G,1.91G,1	1	-
1880MHz_30°C	Pass	1.88G	1.88G	1.877734G	1.882267G	0.249	1.85G,1.91G,1	1	-
1880MHz_40°C	Pass	1.88G	1.88G	1.877748G	1.882252G	0	1.85G,1.91G,1	1	-
1880MHz_50°C	Pass	1.88G	1.880002G	1.877748G	1.882257G	1.247	1.85G,1.91G,1	1	-
1880MHz_60°C	Pass	1.88G	1.880002G	1.87775G	1.882254G	0.997	1.85G,1.91G,1	1	-
1880MHz_70°C	Pass	1.88G	1.879997G	1.877736G	1.882258G	-1.745	1.85G,1.91G,1	1	-
1880MHz_138V	Pass	1.88G	1.880001G	1.877731G	1.882272G	0.748	1.85G,1.91G,1	1	-
1880MHz_120V	Pass	1.88G	1.880001G	1.877728G	1.882274G	0.748	1.85G,1.91G,1	1	-
1880MHz_102V	Pass	1.88G	1.880001G	1.877732G	1.88227G	0.499	1.85G,1.91G,1	1	-

**Summary**

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 2	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1.88G	1.880006G	1.87943G	1.880581G	-0.004	1.85G,1.91G,1	1	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	1.88G	1.880007G	1.877634G	1.882379G	-0.003	1.85G,1.91G,1	1	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	1.88G	1.880049G	1.870779G	1.889319G	-0.004	1.85G,1.91G,1	1	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.88G	1.879993G	1.879417G	1.88057G	-0.006	1.85G,1.91G,1	1	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.88G	1.880021G	1.877675G	1.882367G	-0.004	1.85G,1.91G,1	1	-
Band 4	-	-	-	-	-	-	-	-	-
LTE_1.4MHz_Nss1,QPSK_1TX	Pass	1.7325G	1.732502G	1.731952G	1.733051G	0.003	1.71G,1.755G,Inf	1	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	1.7325G	1.73251G	1.730265G	1.734755G	0	1.71G,1.755G,Inf	1	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	1.7325G	1.732474G	1.723546G	1.741401G	-0.001	1.71G,1.755G,Inf	1	-
LTE_1.4MHz_Nss1,16QAM_1TX	Pass	1.7325G	1.732503G	1.731957G	1.73305G	0.002	1.71G,1.755G,Inf	1	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	1.7325G	1.732508G	1.730266G	1.73475G	-0.001	1.71G,1.755G,Inf	1	-
Band 7	-	-	-	-	-	-	-	-	-
LTE_5MHz_Nss1,QPSK_1TX	Pass	2.535G	2.534945G	2.532466G	2.537424G	-21.635	2.5G,2.57G,Inf	1	-
LTE_20MHz_Nss1,QPSK_1TX	Pass	2.535G	2.535156G	2.525636G	2.544675G	61.391	2.5G,2.57G,Inf	1	-
LTE_5MHz_Nss1,16QAM_1TX	Pass	2.535G	2.534949G	2.532481G	2.537417G	-20.155	2.5G,2.57G,Inf	1	-



Result

Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
Band 2_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1880MHz_RB 6,#RB 0_-40°C	Pass	1.88G	1.880003G	1.879434G	1.880572G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_-30°C	Pass	1.88G	1.879995G	1.879409G	1.880581G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_-20°C	Pass	1.88G	1.880006G	1.87943G	1.880581G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_-10°C	Pass	1.88G	1.879998G	1.879421G	1.880575G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_0°C	Pass	1.88G	1.880002G	1.87942G	1.880584G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_10°C	Pass	1.88G	1.880003G	1.879418G	1.880587G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_20°C	Pass	1.88G	1.880015G	1.879433G	1.880597G	0	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_30°C	Pass	1.88G	1.879993G	1.879422G	1.880565G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_40°C	Pass	1.88G	1.879997G	1.879427G	1.880567G	0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_50°C	Pass	1.88G	1.87999G	1.879393G	1.880587G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_60°C	Pass	1.88G	1.879993G	1.8794G	1.880586G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_70°C	Pass	1.88G	1.880016G	1.879419G	1.880612G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_126.5V	Pass	1.88G	1.879984G	1.879404G	1.880565G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_110V	Pass	1.88G	1.880003G	1.879441G	1.880565G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6,#RB 0_93.5V	Pass	1.88G	1.880008G	1.879418G	1.880599G	0.003	1.85G,1.91G,1	1	-
Band 2_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1880MHz_RB 25,#RB 0_-40°C	Pass	1.88G	1.880022G	1.877649G	1.882395G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_-30°C	Pass	1.88G	1.879964G	1.87756G	1.882368G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_-20°C	Pass	1.88G	1.880023G	1.877651G	1.882396G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_-10°C	Pass	1.88G	1.879997G	1.877654G	1.882399G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_0°C	Pass	1.88G	1.879994G	1.877621G	1.882368G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_10°C	Pass	1.88G	1.879994G	1.877608G	1.88238G	0	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_20°C	Pass	1.88G	1.880024G	1.877659G	1.88239G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_30°C	Pass	1.88G	1.879989G	1.877621G	1.882357G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_40°C	Pass	1.88G	1.880001G	1.877651G	1.882352G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_50°C	Pass	1.88G	1.879994G	1.877655G	1.882333G	0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_60°C	Pass	1.88G	1.880007G	1.877634G	1.882379G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_70°C	Pass	1.88G	1.880018G	1.877638G	1.882398G	0	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_126.5V	Pass	1.88G	1.879982G	1.877595G	1.882369G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_110V	Pass	1.88G	1.879997G	1.877654G	1.882339G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_93.5V	Pass	1.88G	1.879976G	1.877572G	1.882379G	-0.001	1.85G,1.91G,1	1	-
Band 2_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1880MHz_RB 100,#RB 0_-40°C	Pass	1.88G	1.880015G	1.870771G	1.889259G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 100,#RB 0_-30°C	Pass	1.88G	1.880043G	1.870794G	1.889293G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 100,#RB 0_-20°C	Pass	1.88G	1.880015G	1.870764G	1.889266G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 100,#RB 0_-10°C	Pass	1.88G	1.880004G	1.870771G	1.889236G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 100,#RB 0_0°C	Pass	1.88G	1.879921G	1.870576G	1.889266G	-0	1.85G,1.91G,1	1	-



Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
1880MHz_RB 100, #RB 0_10°C	Pass	1.88G	1.88G	1.87076G	1.88924G	0	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_20°C	Pass	1.88G	1.880006G	1.870666G	1.889345G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_30°C	Pass	1.88G	1.879979G	1.870633G	1.889326G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_40°C	Pass	1.88G	1.880075G	1.870835G	1.889315G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_50°C	Pass	1.88G	1.879993G	1.870775G	1.88921G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_60°C	Pass	1.88G	1.879968G	1.870678G	1.889259G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_70°C	Pass	1.88G	1.880049G	1.870779G	1.889319G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_126.5V	Pass	1.88G	1.880088G	1.870798G	1.889379G	0	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_110V	Pass	1.88G	1.880006G	1.870779G	1.889233G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 100, #RB 0_93.5V	Pass	1.88G	1.880054G	1.870745G	1.889364G	0.001	1.85G,1.91G,1	1	-
Band 2_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1880MHz_RB 6, #RB 0_-40°C	Pass	1.88G	1.879993G	1.879417G	1.88057G	-0.006	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_-30°C	Pass	1.88G	1.880005G	1.879427G	1.880582G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_-20°C	Pass	1.88G	1.880002G	1.879417G	1.880586G	0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_-10°C	Pass	1.88G	1.880003G	1.879426G	1.880581G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_0°C	Pass	1.88G	1.880006G	1.879407G	1.880605G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_10°C	Pass	1.88G	1.879996G	1.87942G	1.880571G	0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_20°C	Pass	1.88G	1.880001G	1.879406G	1.880596G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_30°C	Pass	1.88G	1.880019G	1.879425G	1.880613G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_40°C	Pass	1.88G	1.880013G	1.87943G	1.880596G	0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_50°C	Pass	1.88G	1.880006G	1.879418G	1.880594G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_60°C	Pass	1.88G	1.880016G	1.879424G	1.880608G	-0	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_70°C	Pass	1.88G	1.880016G	1.879431G	1.880601G	0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_126.5V	Pass	1.88G	1.880012G	1.879418G	1.880606G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_110V	Pass	1.88G	1.879987G	1.879393G	1.880581G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 6, #RB 0_93.5V	Pass	1.88G	1.879994G	1.8794G	1.880588G	-0.003	1.85G,1.91G,1	1	-
Band 2_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1880MHz_RB 25, #RB 0_-40°C	Pass	1.88G	1.879995G	1.87765G	1.88234G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_-30°C	Pass	1.88G	1.879984G	1.877611G	1.882357G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_-20°C	Pass	1.88G	1.87999G	1.877638G	1.882342G	0	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_-10°C	Pass	1.88G	1.880004G	1.877673G	1.882334G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_0°C	Pass	1.88G	1.87999G	1.877603G	1.882377G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_10°C	Pass	1.88G	1.879993G	1.877649G	1.882338G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_20°C	Pass	1.88G	1.880021G	1.877675G	1.882367G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_30°C	Pass	1.88G	1.880011G	1.877659G	1.882363G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_40°C	Pass	1.88G	1.879992G	1.877651G	1.882333G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_50°C	Pass	1.88G	1.879993G	1.877647G	1.882338G	-0.004	1.85G,1.91G,1	1	-
1880MHz_RB 25, #RB 0_60°C	Pass	1.88G	1.879996G	1.877631G	1.882362G	-0.002	1.85G,1.91G,1	1	-



Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
1880MHz_RB 25,#RB 0_70°C	Pass	1.88G	1.879979G	1.877628G	1.882331G	-0.002	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_126.5V	Pass	1.88G	1.880036G	1.877686G	1.882386G	-0.003	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_110V	Pass	1.88G	1.879986G	1.877623G	1.882348G	-0.001	1.85G,1.91G,1	1	-
1880MHz_RB 25,#RB 0_93.5V	Pass	1.88G	1.880019G	1.877615G	1.882423G	0.001	1.85G,1.91G,1	1	-
Band 4_LTE_1.4MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1732.5MHz_RB 6,#RB 0_-40°C	Pass	1.7325G	1.732494G	1.731954G	1.733035G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_-30°C	Pass	1.7325G	1.7325G	1.731955G	1.733045G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_-20°C	Pass	1.7325G	1.732494G	1.731952G	1.733035G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_-10°C	Pass	1.7325G	1.732502G	1.731962G	1.733043G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_0°C	Pass	1.7325G	1.732497G	1.731956G	1.733038G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_10°C	Pass	1.7325G	1.732502G	1.731952G	1.733051G	0.003	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_20°C	Pass	1.7325G	1.732498G	1.731955G	1.73304G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_30°C	Pass	1.7325G	1.732498G	1.731954G	1.733042G	-0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_40°C	Pass	1.7325G	1.732499G	1.731957G	1.73304G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_50°C	Pass	1.7325G	1.732498G	1.731956G	1.733041G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_60°C	Pass	1.7325G	1.7325G	1.731957G	1.733043G	-0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_70°C	Pass	1.7325G	1.732498G	1.731955G	1.73304G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_126.5V	Pass	1.7325G	1.732496G	1.731951G	1.733041G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_110V	Pass	1.7325G	1.7325G	1.73196G	1.733041G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_93.5V	Pass	1.7325G	1.732502G	1.731961G	1.733042G	0	1.71G,1.755G,Inf	1	-
Band 4_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1732.5MHz_RB 25,#RB 0_-40°C	Pass	1.7325G	1.732499G	1.730258G	1.734739G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_-30°C	Pass	1.7325G	1.732486G	1.730252G	1.73472G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_-20°C	Pass	1.7325G	1.732493G	1.730252G	1.734735G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_-10°C	Pass	1.7325G	1.732499G	1.73026G	1.734738G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_0°C	Pass	1.7325G	1.732508G	1.73027G	1.734746G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_10°C	Pass	1.7325G	1.7325G	1.73026G	1.73474G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_20°C	Pass	1.7325G	1.732504G	1.730257G	1.734751G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_30°C	Pass	1.7325G	1.73251G	1.730265G	1.734755G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_40°C	Pass	1.7325G	1.732502G	1.730264G	1.73474G	0.003	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_50°C	Pass	1.7325G	1.732502G	1.730254G	1.73475G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_60°C	Pass	1.7325G	1.732496G	1.730251G	1.73474G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_70°C	Pass	1.7325G	1.732497G	1.730253G	1.734741G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_126.5V	Pass	1.7325G	1.732499G	1.730268G	1.73473G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_110V	Pass	1.7325G	1.732499G	1.730251G	1.734746G	-0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_93.5V	Pass	1.7325G	1.732501G	1.730265G	1.734737G	-0.002	1.71G,1.755G,Inf	1	-
Band 4_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
1732.5MHz_RB 100,#RB 0_-40°C	Pass	1.7325G	1.732474G	1.723546G	1.741401G	-0.001	1.71G,1.755G,Inf	1	-



Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
1732.5MHz_RB 100,#RB 0_-30°C	Pass	1.7325G	1.732466G	1.723572G	1.74136G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_-20°C	Pass	1.7325G	1.732485G	1.723595G	1.741375G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_-10°C	Pass	1.7325G	1.732478G	1.723584G	1.741371G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_0°C	Pass	1.7325G	1.732483G	1.72361G	1.741356G	-0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_10°C	Pass	1.7325G	1.7325G	1.723606G	1.741394G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_20°C	Pass	1.7325G	1.732478G	1.723576G	1.741379G	-0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_30°C	Pass	1.7325G	1.732496G	1.723599G	1.741394G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_40°C	Pass	1.7325G	1.732481G	1.723565G	1.741398G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_50°C	Pass	1.7325G	1.732466G	1.723572G	1.74136G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_60°C	Pass	1.7325G	1.732472G	1.723561G	1.741383G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_70°C	Pass	1.7325G	1.732493G	1.723587G	1.741398G	0.003	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_126.5V	Pass	1.7325G	1.732502G	1.723595G	1.741409G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_110V	Pass	1.7325G	1.732489G	1.723606G	1.741371G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 100,#RB 0_93.5V	Pass	1.7325G	1.73247G	1.723584G	1.741356G	0.001	1.71G,1.755G,Inf	1	-
Band 4_LTE_1.4MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1732.5MHz_RB 6,#RB 0_-40°C	Pass	1.7325G	1.732503G	1.73196G	1.733046G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_-30°C	Pass	1.7325G	1.732503G	1.731957G	1.73305G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_-20°C	Pass	1.7325G	1.732499G	1.731959G	1.733038G	0.004	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_-10°C	Pass	1.7325G	1.732499G	1.731956G	1.733043G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_0°C	Pass	1.7325G	1.732502G	1.731958G	1.733046G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_10°C	Pass	1.7325G	1.7325G	1.731959G	1.73304G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_20°C	Pass	1.7325G	1.732503G	1.73196G	1.733045G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_30°C	Pass	1.7325G	1.732502G	1.731957G	1.733048G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_40°C	Pass	1.7325G	1.732499G	1.731961G	1.733038G	-0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_50°C	Pass	1.7325G	1.732506G	1.731962G	1.73305G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_60°C	Pass	1.7325G	1.732506G	1.731963G	1.733049G	0.005	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_70°C	Pass	1.7325G	1.732501G	1.731957G	1.733046G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_126.5V	Pass	1.7325G	1.732502G	1.731956G	1.733048G	0.004	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_110V	Pass	1.7325G	1.732502G	1.731962G	1.733042G	0.004	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 6,#RB 0_93.5V	Pass	1.7325G	1.732501G	1.731953G	1.733049G	0.002	1.71G,1.755G,Inf	1	-
Band 4_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
1732.5MHz_RB 25,#RB 0_-40°C	Pass	1.7325G	1.732508G	1.730266G	1.73475G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_-30°C	Pass	1.7325G	1.732506G	1.730265G	1.734747G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_-20°C	Pass	1.7325G	1.732499G	1.730256G	1.734741G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_-10°C	Pass	1.7325G	1.732495G	1.730262G	1.734727G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_0°C	Pass	1.7325G	1.7325G	1.730259G	1.734742G	-0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_10°C	Pass	1.7325G	1.73251G	1.730277G	1.734742G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_20°C	Pass	1.7325G	1.732497G	1.730253G	1.734741G	-0	1.71G,1.755G,Inf	1	-



Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
1732.5MHz_RB 25,#RB 0_30°C	Pass	1.7325G	1.732501G	1.730272G	1.734731G	0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_40°C	Pass	1.7325G	1.732496G	1.730254G	1.734738G	0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_50°C	Pass	1.7325G	1.732503G	1.730258G	1.734748G	0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_60°C	Pass	1.7325G	1.732498G	1.730257G	1.734738G	-0.001	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_70°C	Pass	1.7325G	1.732504G	1.730261G	1.734748G	-0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_126.5V	Pass	1.7325G	1.732493G	1.730255G	1.734732G	-0.002	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_110V	Pass	1.7325G	1.732505G	1.730263G	1.734747G	-0	1.71G,1.755G,Inf	1	-
1732.5MHz_RB 25,#RB 0_93.5V	Pass	1.7325G	1.732502G	1.730268G	1.734736G	-0	1.71G,1.755G,Inf	1	-
Band 7_LTE_5MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
2535MHz_RB 25,#RB 0_-40°C	Pass	2.535G	2.535023G	2.532557G	2.537489G	9.061	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_-30°C	Pass	2.535G	2.535025G	2.532574G	2.537477G	9.985	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_-20°C	Pass	2.535G	2.535013G	2.532552G	2.537473G	4.993	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_-10°C	Pass	2.535G	2.534985G	2.532541G	2.537428G	-6.102	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_0°C	Pass	2.535G	2.53497G	2.532488G	2.537452G	-11.834	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_10°C	Pass	2.535G	2.534973G	2.532489G	2.537457G	-10.54	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_20°C	Pass	2.535G	2.534983G	2.53253G	2.537436G	-6.842	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_30°C	Pass	2.535G	2.534978G	2.532531G	2.537425G	-8.691	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_40°C	Pass	2.535G	2.534981G	2.53253G	2.537432G	-7.581	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_50°C	Pass	2.535G	2.534967G	2.532513G	2.537422G	-12.944	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_60°C	Pass	2.535G	2.534985G	2.532553G	2.537417G	-5.917	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_70°C	Pass	2.535G	2.534945G	2.532466G	2.537424G	-21.635	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_126.5V	Pass	2.535G	2.534993G	2.532489G	2.537496G	-2.959	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_110V	Pass	2.535G	2.534991G	2.532488G	2.537493G	-3.698	2.5G,2.57G,Inf	1	-
2535MHz_RB 25,#RB 0_93.5V	Pass	2.535G	2.534978G	2.532512G	2.537445G	-8.506	2.5G,2.57G,Inf	1	-
Band 7_LTE_20MHz_Nss1,QPSK_1TX	-	-	-	-	-	-	-	-	-
2535MHz_RB 100,#RB 0_-40°C	Pass	2.535G	2.535006G	2.525498G	2.544514G	2.219	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_-30°C	Pass	2.535G	2.534994G	2.525588G	2.544401G	-2.219	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_-20°C	Pass	2.535G	2.534968G	2.525509G	2.544428G	-12.574	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_-10°C	Pass	2.535G	2.535019G	2.525494G	2.544544G	7.396	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_0°C	Pass	2.535G	2.535084G	2.525644G	2.544525G	33.284	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_10°C	Pass	2.535G	2.535156G	2.525636G	2.544675G	61.391	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_20°C	Pass	2.535G	2.534983G	2.525449G	2.544518G	-6.657	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_30°C	Pass	2.535G	2.534994G	2.525445G	2.544544G	-2.219	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_40°C	Pass	2.535G	2.534897G	2.525423G	2.544371G	-40.68	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_50°C	Pass	2.535G	2.534981G	2.525584G	2.544379G	-7.396	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_60°C	Pass	2.535G	2.534876G	2.525344G	2.544409G	-48.817	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_70°C	Pass	2.535G	2.534964G	2.525599G	2.54433G	-14.053	2.5G,2.57G,Inf	1	-
2535MHz_RB 100,#RB 0_126.5V	Pass	2.535G	2.535111G	2.525595G	2.544626G	43.639	2.5G,2.57G,Inf	1	-



Mode	Result	Ch (Hz)	Center (Hz)	Fl (Hz)	Fh (Hz)	ppm	Limit (Fl,Fh,ppm)	Port	Remark
2535MHz_RB 100, #RB 0_110V	Pass	2.535G	2.535034G	2.525475G	2.544593G	13.314	2.5G,2.57G,Inf	1	-
2535MHz_RB 100, #RB 0_93.5V	Pass	2.535G	2.534918G	2.525396G	2.544439G	-32.544	2.5G,2.57G,Inf	1	-
Band 7_LTE_5MHz_Nss1,16QAM_1TX	-	-	-	-	-	-	-	-	-
2535MHz_RB 25, #RB 0_-40°C	Pass	2.535G	2.535014G	2.532585G	2.537442G	5.362	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_-30°C	Pass	2.535G	2.535G	2.532583G	2.537417G	0	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_-20°C	Pass	2.535G	2.534976G	2.532538G	2.537414G	-9.43	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_-10°C	Pass	2.535G	2.53502G	2.532572G	2.537468G	7.951	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_0°C	Pass	2.535G	2.534982G	2.53253G	2.537435G	-7.027	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_10°C	Pass	2.535G	2.534976G	2.532532G	2.537421G	-9.43	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_20°C	Pass	2.535G	2.534962G	2.532533G	2.537391G	-14.978	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_30°C	Pass	2.535G	2.535024G	2.532589G	2.537459G	9.43	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_40°C	Pass	2.535G	2.535025G	2.532595G	2.537455G	9.985	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_50°C	Pass	2.535G	2.535G	2.532568G	2.537432G	0	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_60°C	Pass	2.535G	2.535014G	2.532583G	2.537444G	5.362	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_70°C	Pass	2.535G	2.534973G	2.532555G	2.537391G	-10.725	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_126.5V	Pass	2.535G	2.534949G	2.532481G	2.537417G	-20.155	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_110V	Pass	2.535G	2.535025G	2.532572G	2.537478G	9.8	2.5G,2.57G,Inf	1	-
2535MHz_RB 25, #RB 0_93.5V	Pass	2.535G	2.535015G	2.532533G	2.537498G	6.102	2.5G,2.57G,Inf	1	-