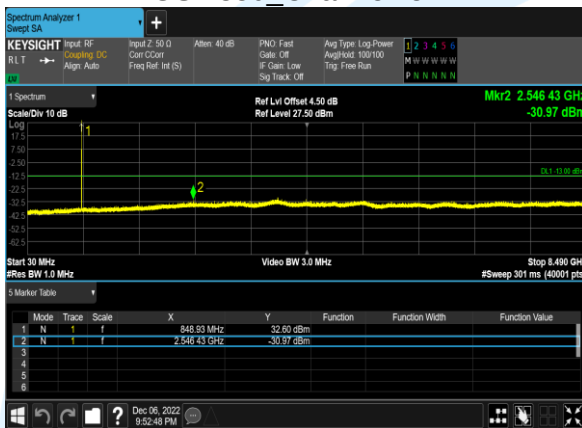


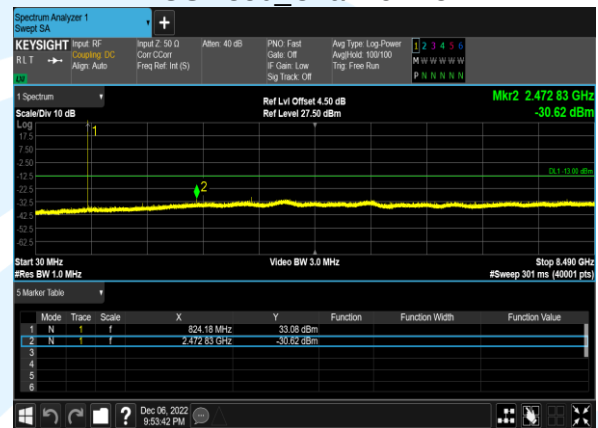
Conducted Spurious Emissions

Band	Channel	Freq (MHz)	Slots	Result (dBm)	Limit (dBm)	Verdict
GSM 850	251	848.8	1 Tx	-30.97	-13	PASS
GSM 850	128	824.2	1 Tx	-30.62	-13	PASS
GSM 850	190	836.6	1 Tx	-30.69	-13	PASS
GPRS 850	251	848.8	1 Tx	-30.04	-13	PASS
GPRS 850	190	836.6	1 Tx	-30.51	-13	PASS
GPRS 850	128	824.2	1 Tx	-33.36	-13	PASS
EGPRS 850	251	848.8	1 Tx	-30.37	-13	PASS
EGPRS 850	190	836.6	1 Tx	-30.78	-13	PASS
EGPRS 850	128	824.2	1 Tx	-30.63	-13	PASS

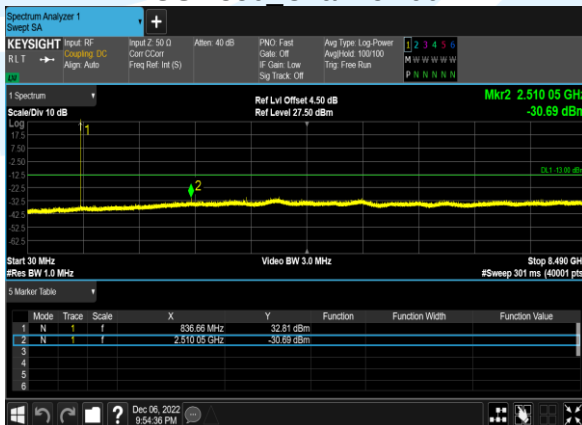
GSM850_Channel251



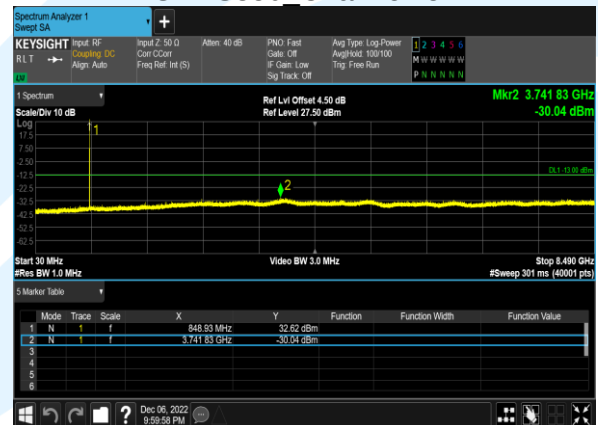
GSM850_Channel128



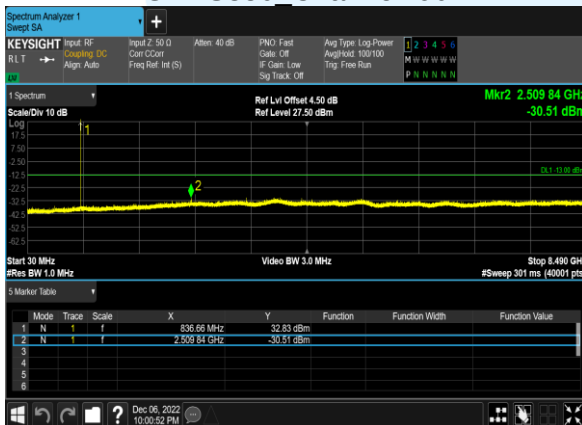
GSM850_Channel190



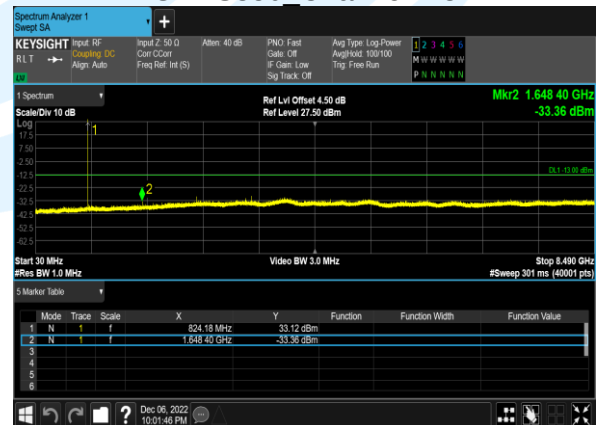
GPRS850_Channel251



GPRS850_Channel190



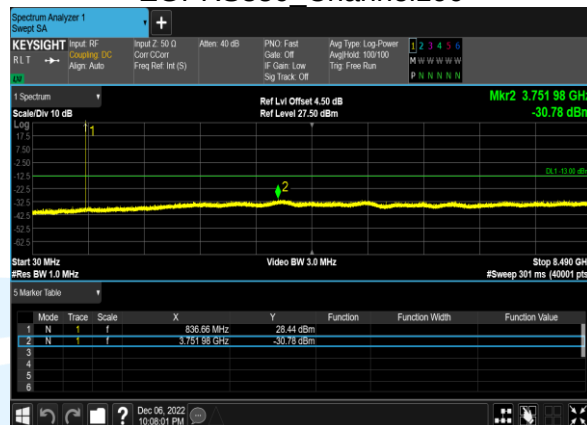
GPRS850_Channel128



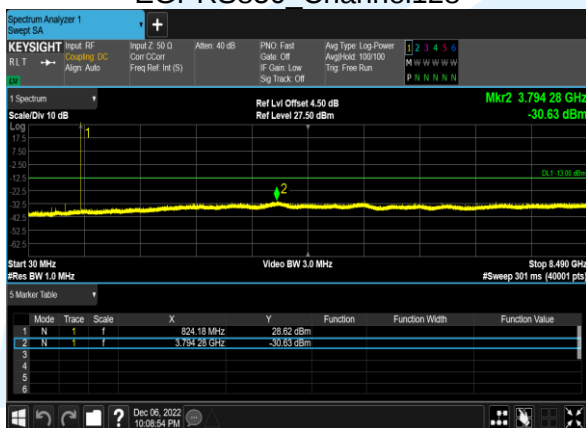
EGPRS850 Channel251



EGPRS850 Channel190



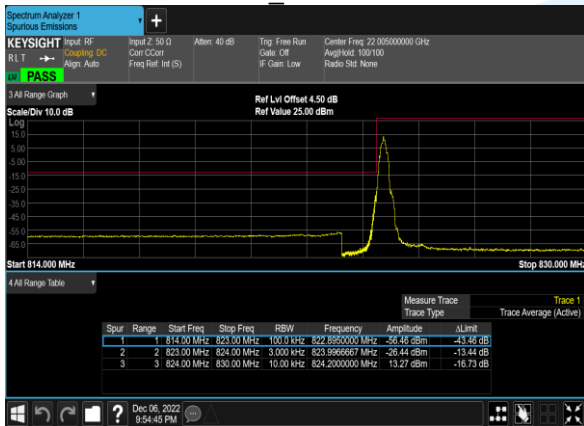
EGPRS850 Channel128



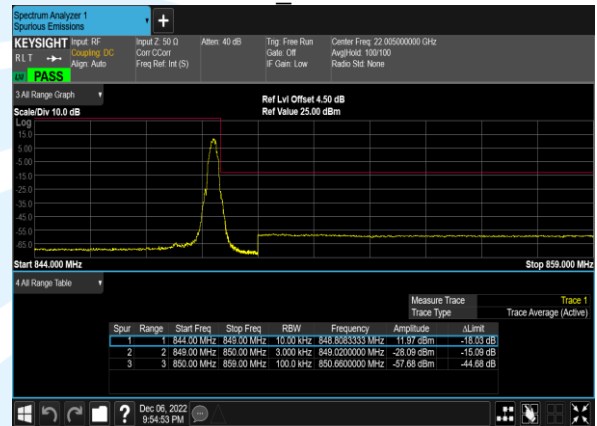
Conducted Band Edge

Band	Channel	Freq (MHz)	Slots	Result	Verdict
GSM 850	128	824.2	1 Tx	see graph	PASS
GSM 850	251	848.8	1 Tx	see graph	PASS
GPRS 850	251	848.8	1 Tx	see graph	PASS
GPRS 850	128	824.2	1 Tx	see graph	PASS
EGPRS 850	251	848.8	1 Tx	see graph	PASS
EGPRS 850	128	824.2	1 Tx	see graph	PASS

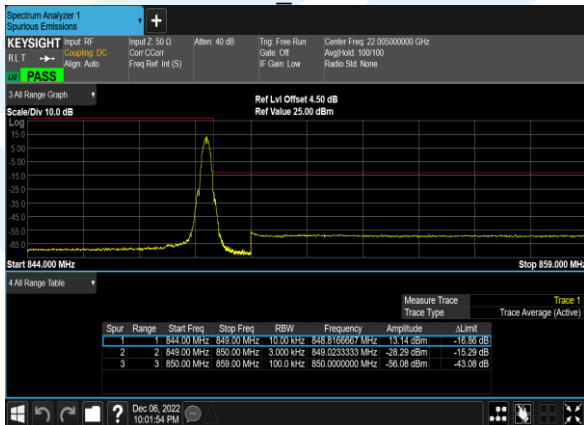
GSM850_Channel128



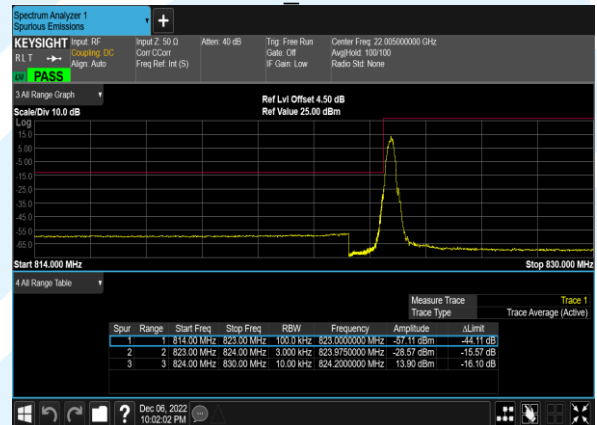
GSM850_Channel251



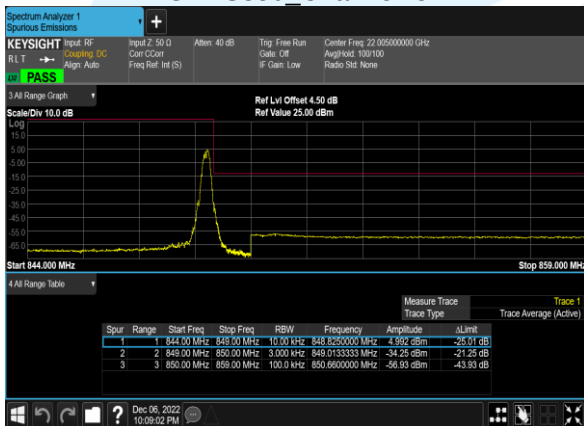
GPRS850_Channel251



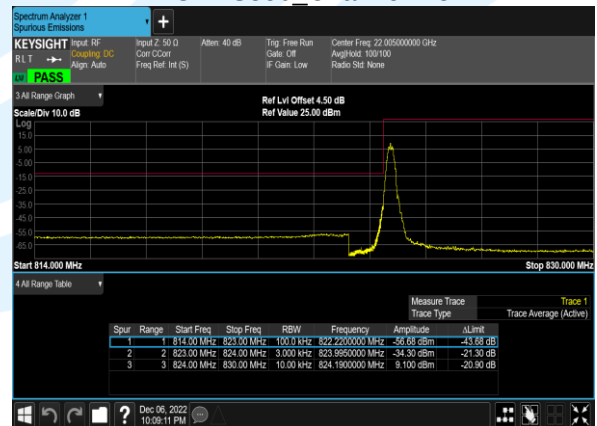
GPRS850_Channel128



EGPRS850_Channel251



EGPRS850_Channel128

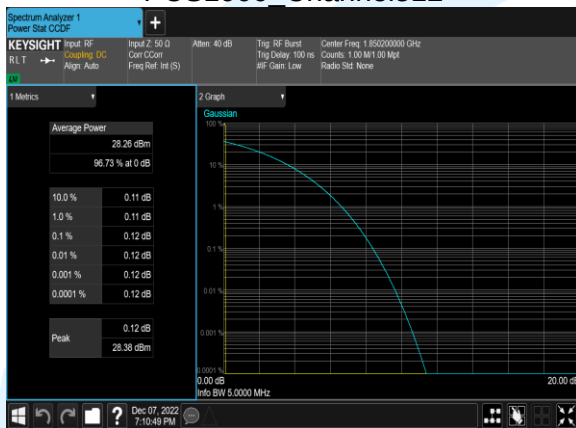


A.2 PCS 1900

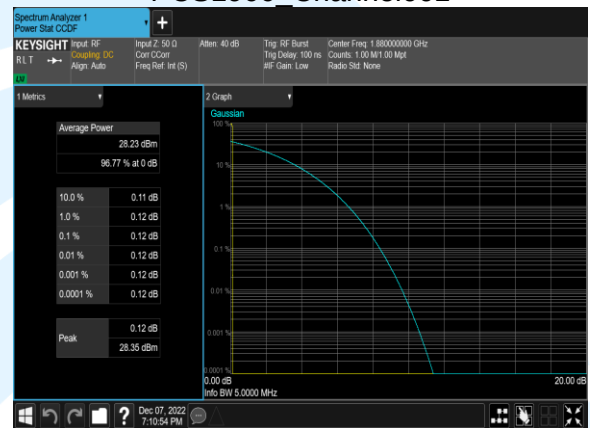
Peak to Average Ratio

Band	Channel	Freq (MHz)	Slots	Result (dB)	Limit (dB)	Verdict
PCS 1900	512	1850.2	1 Tx	0.12	13	PASS
PCS 1900	661	1880.0	1 Tx	0.12	13	PASS
PCS 1900	810	1909.8	1 Tx	0.13	13	PASS
GPRS 1900	661	1880.0	1 Tx	0.13	13	PASS
GPRS 1900	810	1909.8	1 Tx	0.14	13	PASS
GPRS 1900	512	1850.2	1 Tx	0.12	13	PASS
EGPRS 1900	661	1880.0	1 Tx	4.17	13	PASS
EGPRS 1900	810	1909.8	1 Tx	4.02	13	PASS
EGPRS 1900	512	1850.2	1 Tx	4.43	13	PASS

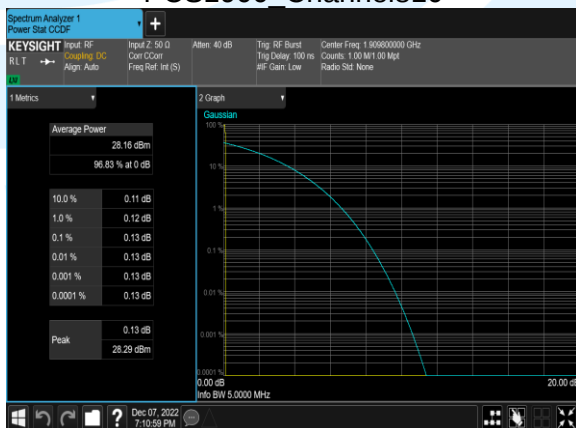
PCS1900 Channel512



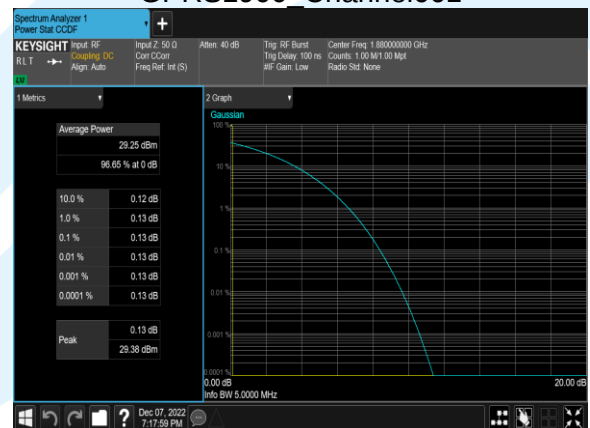
PCS1900 Channel661



PCS1900 Channel810



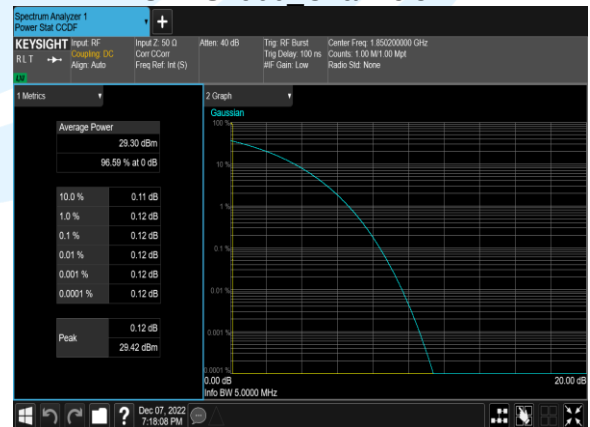
GPRS1900 Channel661



GPRS1900 Channel810



GPRS1900 Channel512



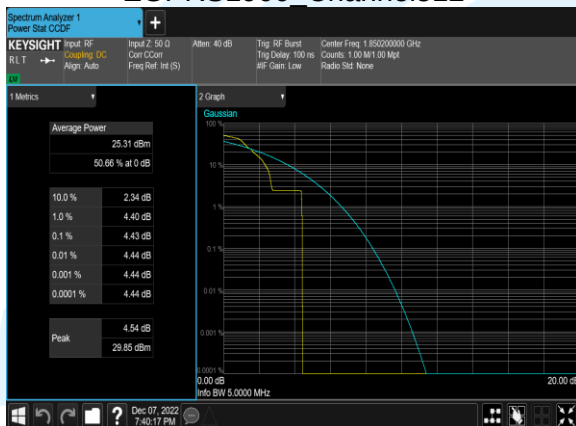
EGPRS1900 Channel661



EGPRS1900 Channel810



EGPRS1900 Channel512



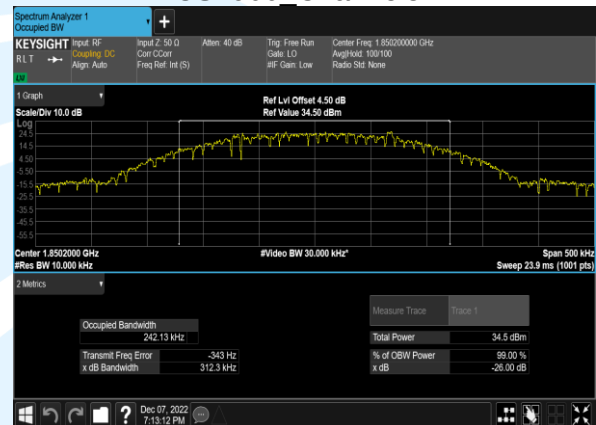
Occupied Bandwidth

Band	Channel	Freq (MHz)	Slots	OBW (kHz)	26dB BW (kHz)
PCS 1900	810	1909.8	1 Tx	240.94	304.2
PCS 1900	512	1850.2	1 Tx	242.13	312.3
PCS 1900	661	1880.0	1 Tx	241.25	315.7
GPRS 1900	661	1880.0	1 Tx	242.50	315.9
GPRS 1900	810	1909.8	1 Tx	242.02	313.4
GPRS 1900	512	1850.2	1 Tx	241.90	313.7
EGPRS 1900	661	1880.0	1 Tx	241.66	304.7
EGPRS 1900	810	1909.8	1 Tx	246.75	308.2
EGPRS 1900	512	1850.2	1 Tx	240.13	310.7

PCS1900 Channel810



PCS1900 Channel512



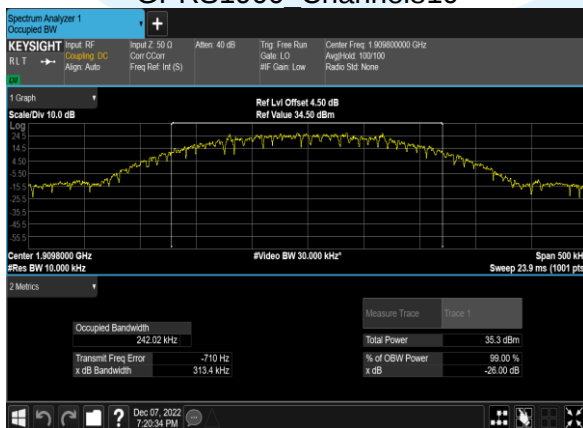
PCS1900 Channel661



GPRS1900 Channel661



GPRS1900 Channel810



GPRS1900 Channel512



EGPRS1900 Channel661



EGPRS1900 Channel810



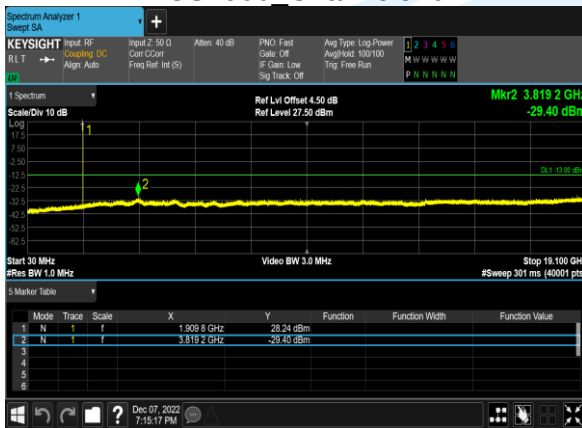
EGPRS1900 Channel512



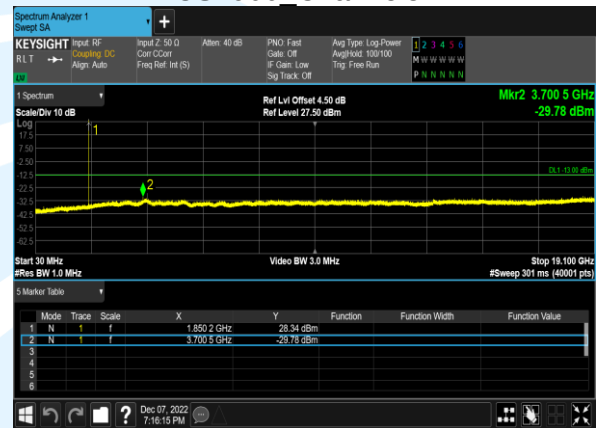
Conducted Spurious Emissions

Band	Channel	Freq (MHz)	Slots	Result (dBm)	Limit (dBm)	Verdict
PCS 1900	810	1909.8	1 Tx	-29.4	-13	PASS
PCS 1900	512	1850.2	1 Tx	-29.78	-13	PASS
PCS 1900	661	1880.0	1 Tx	-28.89	-13	PASS
GPRS 1900	810	1909.8	1 Tx	-30.55	-13	PASS
GPRS 1900	661	1880.0	1 Tx	-28.93	-13	PASS
GPRS 1900	512	1850.2	1 Tx	-29.41	-13	PASS
EGPRS 1900	810	1909.8	1 Tx	-30.7	-13	PASS
EGPRS 1900	661	1880.0	1 Tx	-30.25	-13	PASS
EGPRS 1900	512	1850.2	1 Tx	-30.43	-13	PASS

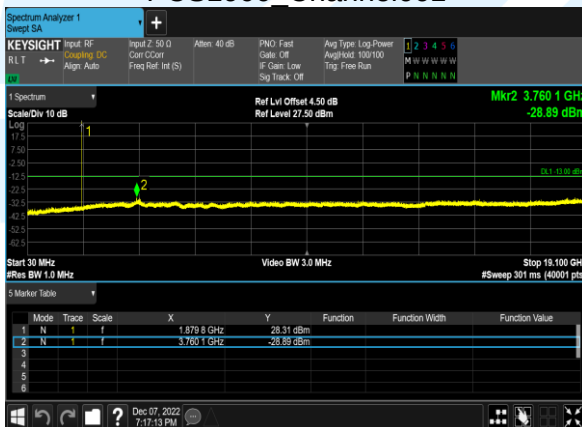
PCS1900 Channel810



PCS1900 Channel512



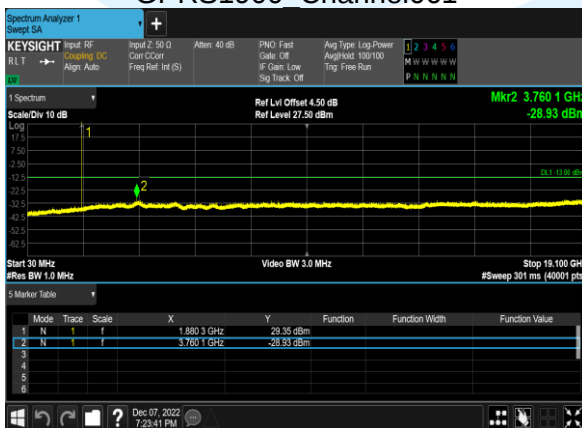
PCS1900 Channel661



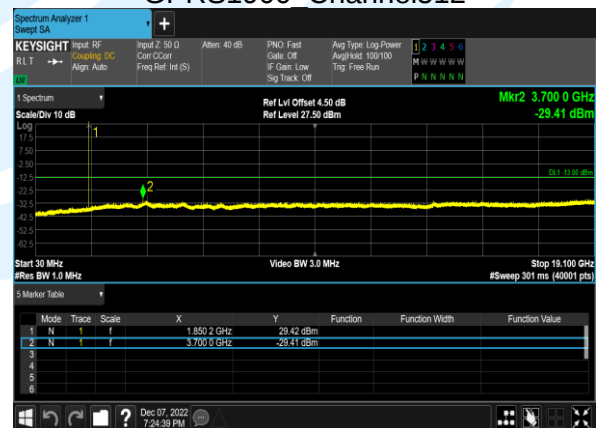
GPRS1900 Channel810



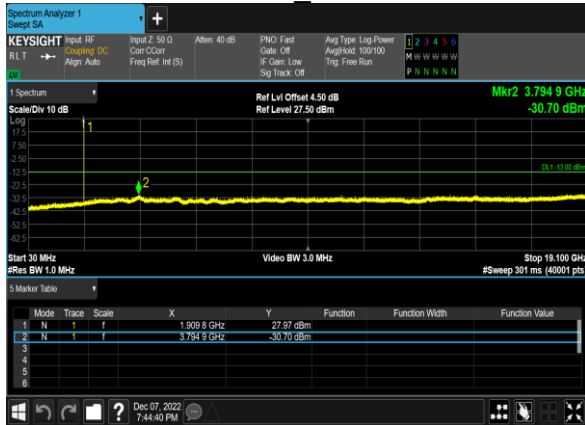
GPRS1900 Channel661



GPRS1900 Channel512



EGPRS1900 Channel810



EGPRS1900 Channel661



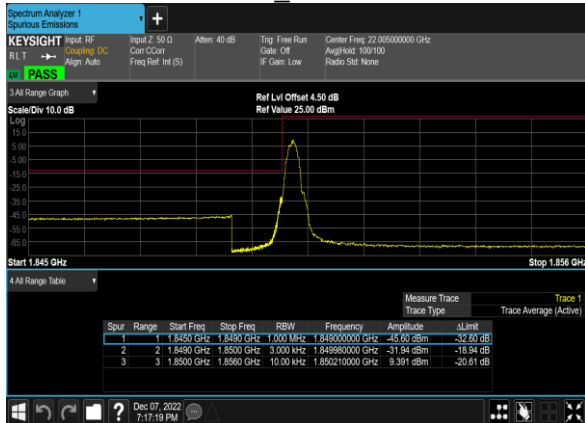
EGPRS1900 Channel512



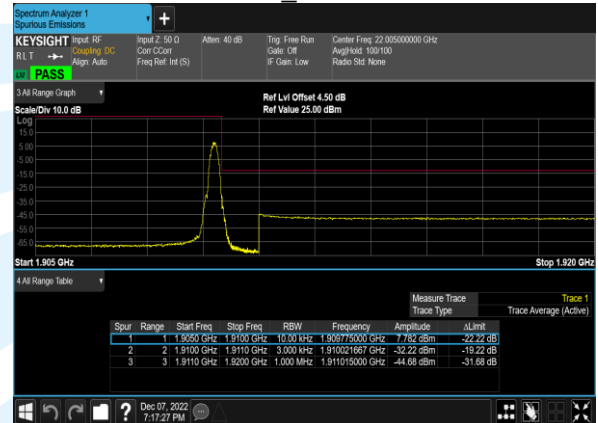
Conducted Band Edge

Band	Channel	Freq (MHz)	Slots	Result	Verdict
PCS 1900	512	1850.2	1 Tx	see graph	PASS
PCS 1900	810	1909.8	1 Tx	see graph	PASS
GPRS 1900	810	1909.8	1 Tx	see graph	PASS
GPRS 1900	512	1850.2	1 Tx	see graph	PASS
EGPRS 1900	810	1909.8	1 Tx	see graph	PASS
EGPRS 1900	512	1850.2	1 Tx	see graph	PASS

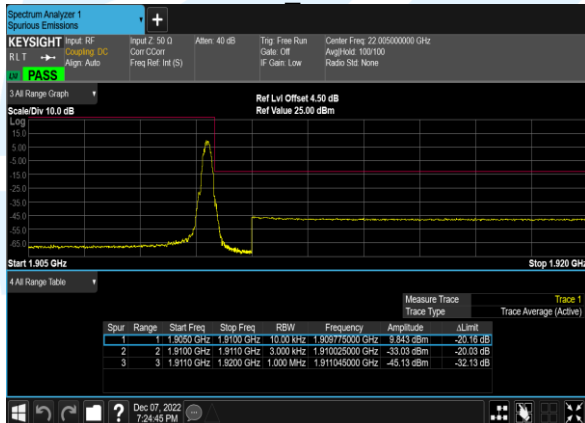
PCS1900_Channel512



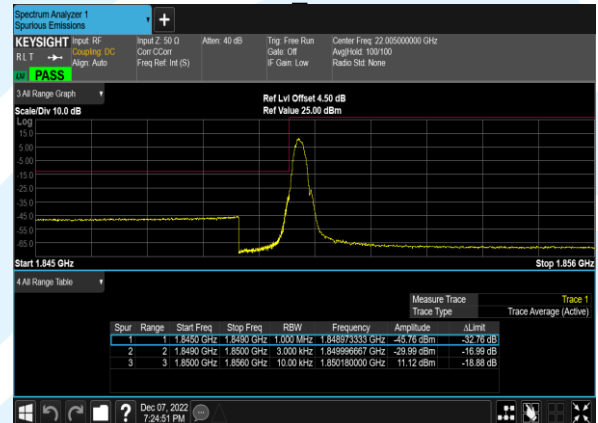
PCS1900_Channel810



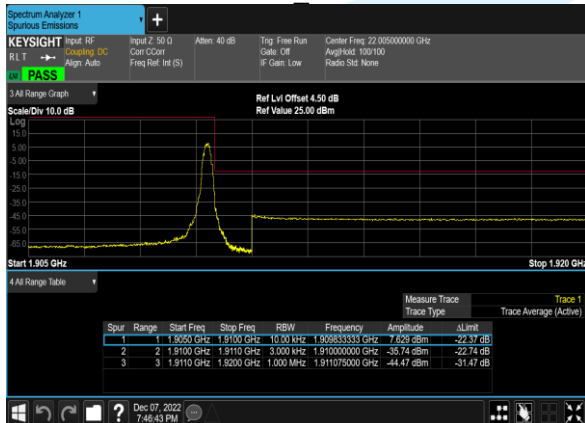
GPRS1900_Channel810



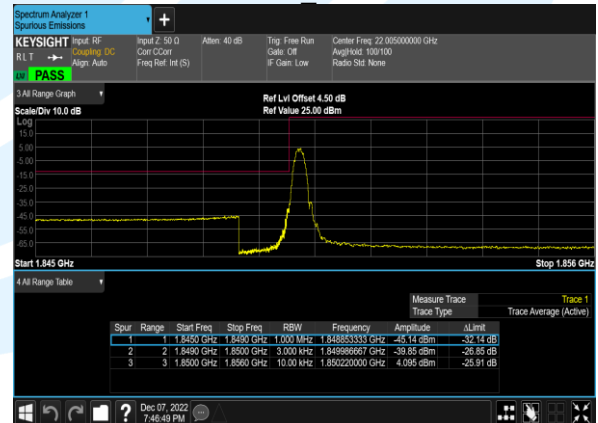
GPRS1900_Channel512



EGPRS1900_Channel810



EGPRS1900_Channel512



A.3 WCDMA BAND II

Peak to Average Ratio

Band	Channel	Freq (MHz)	Connection Type	Result (dB)	Limit (dB)	Verdict
2	9262	1852.4	RMC 12.2k	3.06	13	PASS
2	9400	1880.0	RMC 12.2k	3.00	13	PASS
2	9538	1907.6	RMC 12.2k	2.99	13	PASS

Band2 RMC 12.2k Channel9262



Band2 RMC 12.2k Channel9400



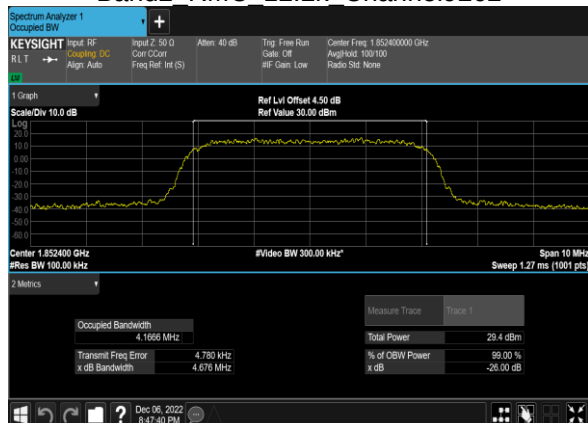
Band2 RMC 12.2k Channel9538



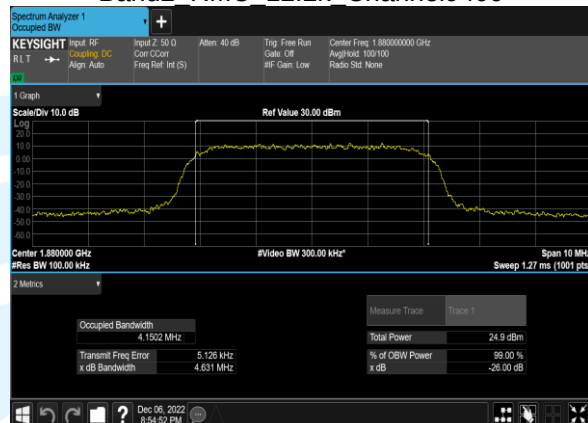
Occupied Bandwidth

Band	Channel	Freq (MHz)	Connection Type	OBW (MHz)	26dB BW (MHz)
2	9262	1852.4	RMC 12.2k	4.1666	4.676
2	9400	1880.0	RMC 12.2k	4.1502	4.631
2	9538	1907.6	RMC 12.2k	4.1357	4.631

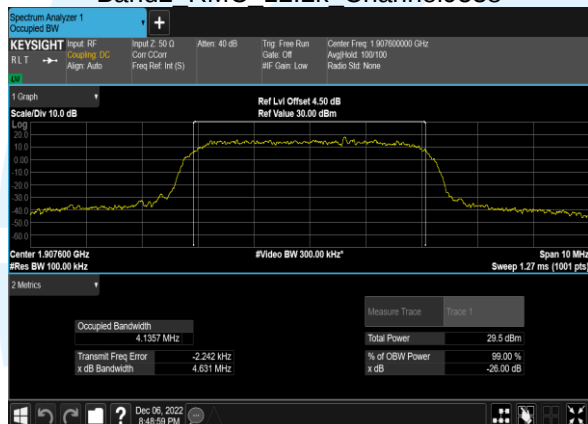
Band2 RMC 12.2k Channel9262



Band2 RMC 12.2k Channel9400



Band2 RMC 12.2k Channel9538



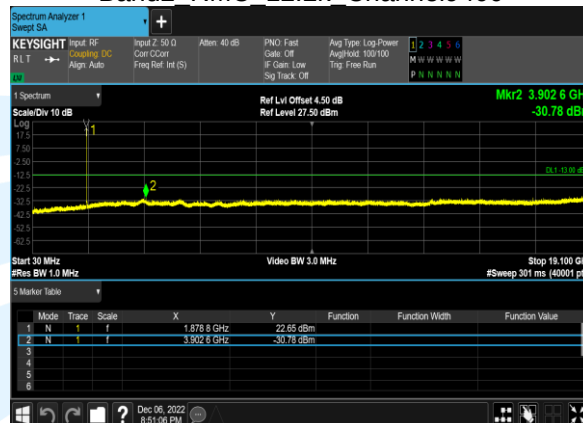
Conducted Spurious Emissions

Band	Channel	Freq (MHz)	Connection Type	Result (dBm)	Limit (dBm)	Verdict
2	9262	1852.4	RMC 12.2k	-30.58	-13	PASS
2	9400	1880.0	RMC 12.2k	-30.78	-13	PASS
2	9538	1907.6	RMC 12.2k	-30.65	-13	PASS

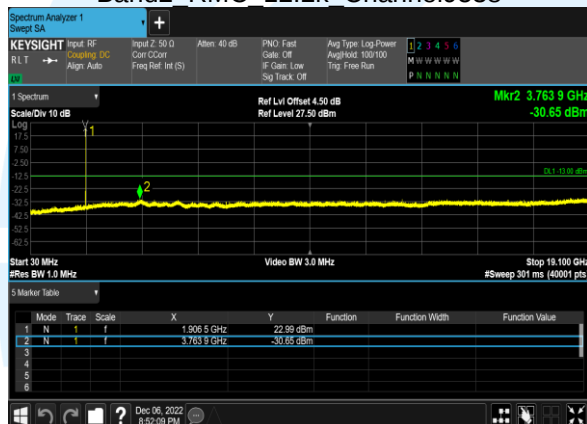
Band2 RMC 12.2k Channel9262



Band2 RMC 12.2k Channel9400



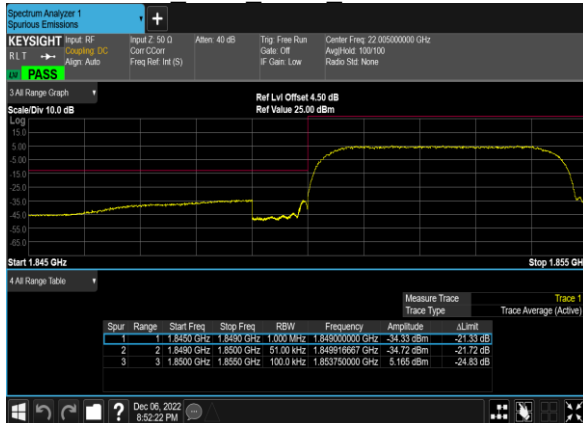
Band2 RMC 12.2k Channel9538



Conducted Band Edge

Band	Channel	Freq (MHz)	Connection Type	Result	Verdict
2	9262	1852.4	RMC 12.2k	see graph	PASS
2	9538	1907.6	RMC 12.2k	see graph	PASS

Band2 RMC 12.2k Channel9262



Band2 RMC 12.2k Channel9538



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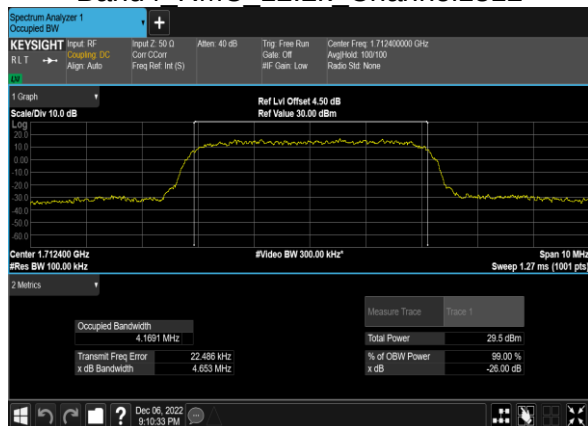
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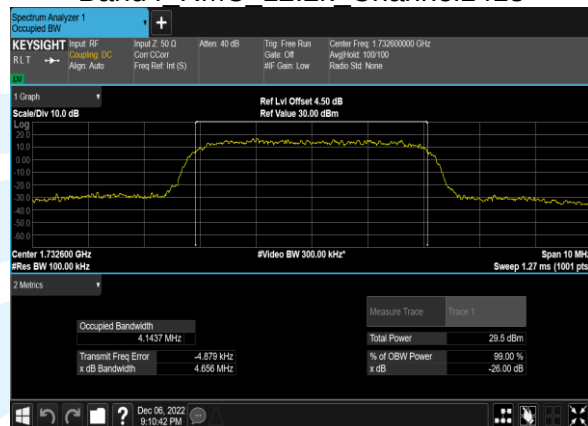
Occupied Bandwidth

Band	Channel	Freq (MHz)	Connection Type	OBW (MHz)	26dB BW (MHz)
4	1312	1712.4	RMC 12.2k	4.1691	4.653
4	1413	1732.6	RMC 12.2k	4.1437	4.656
4	1513	1752.6	RMC 12.2k	4.1452	4.676

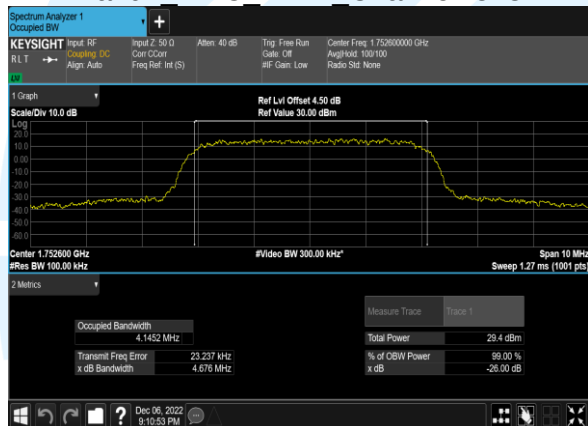
Band4_RMC_12.2k_Channel1312



Band4_RMC_12.2k_Channel1413



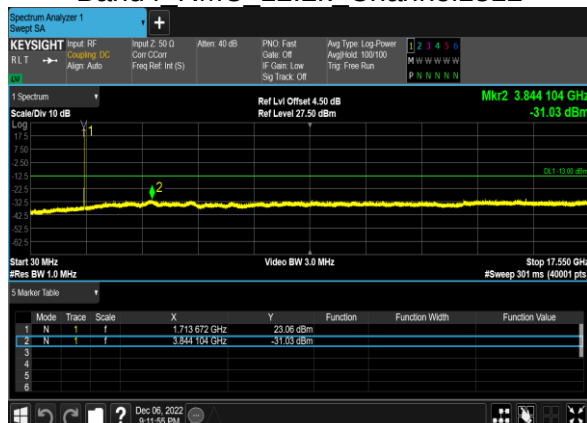
Band4_RMC_12.2k_Channel1513



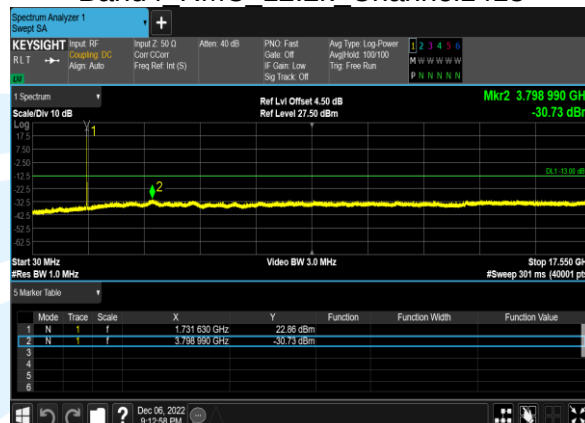
Conducted Spurious Emissions

Band	Channel	Freq (MHz)	Connection Type	Result (dBm)	Limit (dBm)	Verdict
4	1312	1712.4	RMC 12.2k	-31.03	-13	PASS
4	1413	1732.6	RMC 12.2k	-30.73	-13	PASS
4	1513	1752.6	RMC 12.2k	-30.42	-13	PASS

Band4_RMC_12.2k_Channel1312



Band4_RMC_12.2k_Channel1413



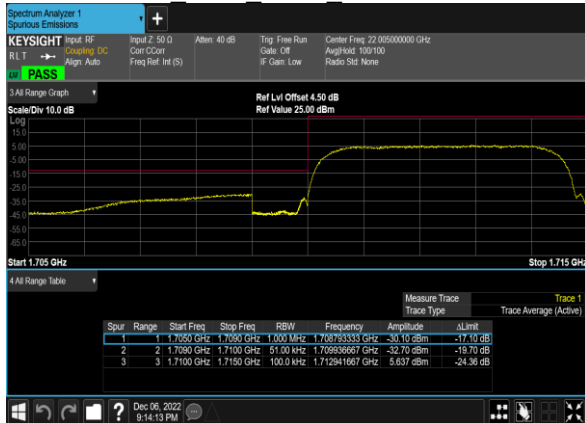
Band4_RMC_12.2k_Channel1513



Conducted Band Edge

Band	Channel	Freq (MHz)	Connection Type	Result	Verdict
4	1312	1712.4	RMC 12.2k	see graph	PASS
4	1513	1752.6	RMC 12.2k	see graph	PASS

Band4 RMC 12.2k Channel1312



Band4 RMC 12.2k Channel1513



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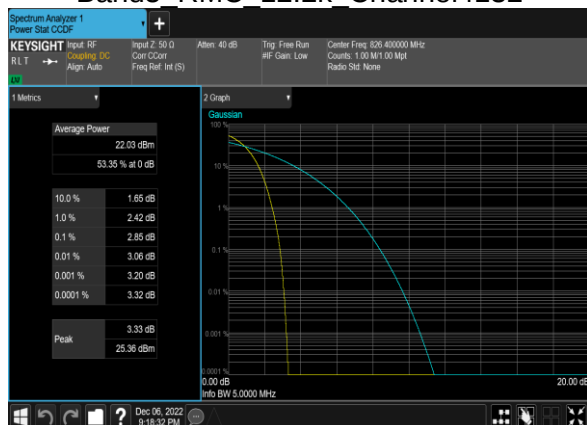
UTTR-RF-FCC23G-V1.1

A.5 WCDMA BAND V

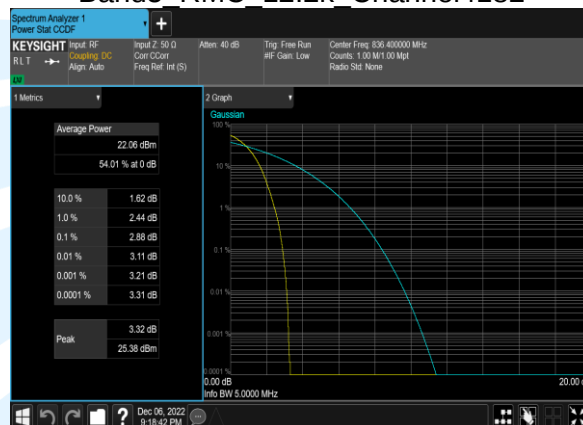
Peak to Average Ratio

Band	Channel	Freq (MHz)	Connection Type	Result (dB)	Limit (dB)	Verdict
5	4132	826.4	RMC 12.2k	2.85	13	PASS
5	4182	836.4	RMC 12.2k	2.88	13	PASS
5	4233	846.6	RMC 12.2k	3.04	13	PASS

Band5 RMC 12.2k Channel4132



Band5 RMC 12.2k Channel4182



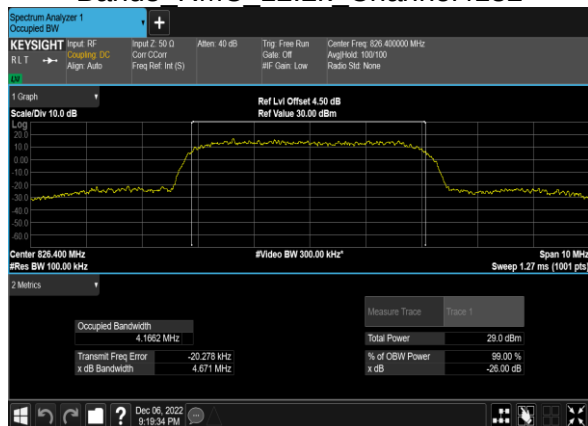
Band5 RMC 12.2k Channel4233



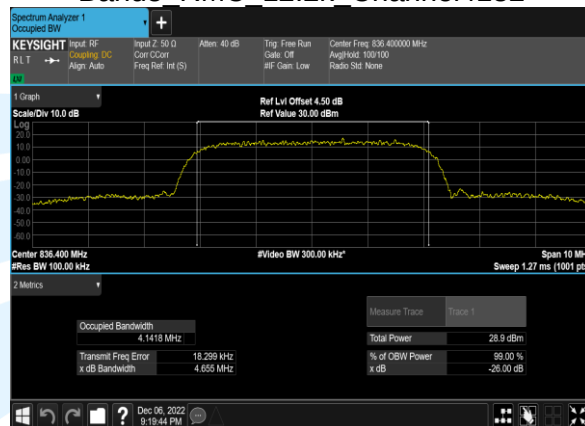
Occupied Bandwidth

Band	Channel	Freq (MHz)	Connection Type	OBW (MHz)	26dB BW (MHz)
5	4132	826.4	RMC 12.2k	4.1662	4.671
5	4182	836.4	RMC 12.2k	4.1418	4.655
5	4233	846.6	RMC 12.2k	4.1654	4.649

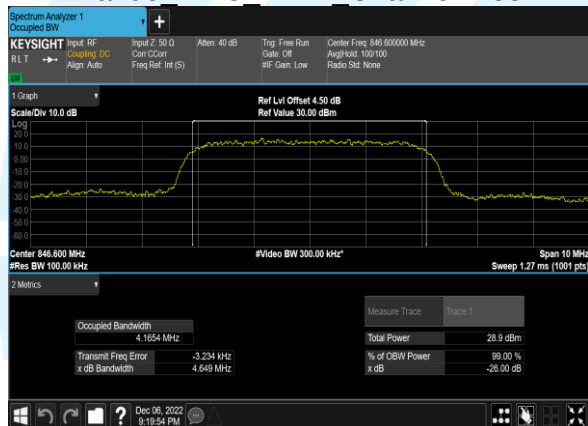
Band5_RMC_12.2k_Channel4132



Band5_RMC_12.2k_Channel4182



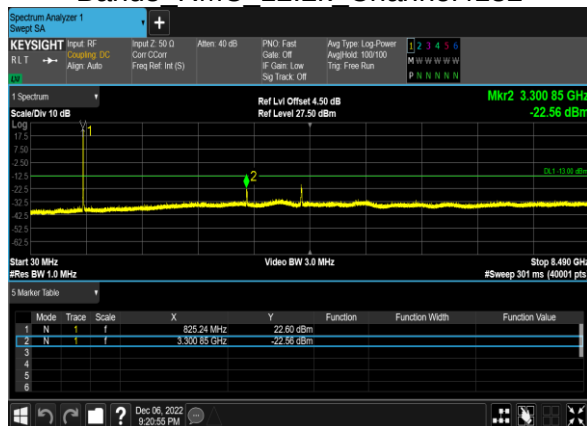
Band5_RMC_12.2k_Channel4233



Conducted Spurious Emissions

Band	Channel	Freq (MHz)	Connection Type	Result (dBm)	Limit (dBm)	Verdict
5	4132	826.4	RMC 12.2k	-22.56	-13	PASS
5	4182	836.4	RMC 12.2k	-21.81	-13	PASS
5	4233	846.6	RMC 12.2k	-22.73	-13	PASS

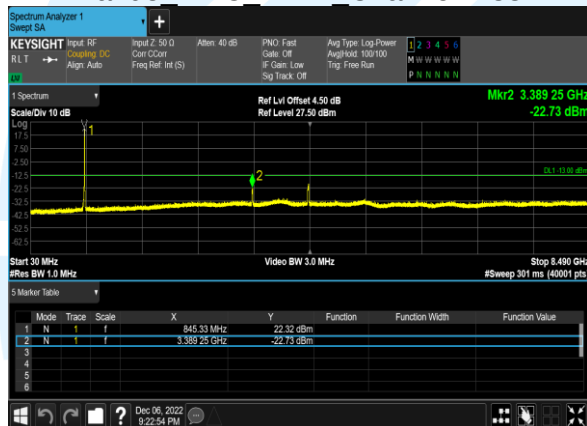
Band5_RMC_12.2k_Channel4132



Band5_RMC_12.2k_Channel4182



Band5_RMC_12.2k_Channel4233



Conducted Band Edge

Band	Channel	Freq (MHz)	Connection Type	Result	Verdict
5	4132	826.4	RMC 12.2k	see graph	PASS
5	4233	846.6	RMC 12.2k	see graph	PASS

Band5 RMC 12.2k Channel4132



Band5 RMC 12.2k Channel4233



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APPENDIX 1 PHOTOS OF TEST SETUP

See test photos attached in Appendix 1 for the actual connections between Product and support equipment.

APPENDIX 2 PHOTOS OF EUT CONSTRUCTIONAL DETAILS

Refer to Appendix 2 for EUT external and internal photos.

*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of UnionTrust, this report can't be reproduced except in full.
