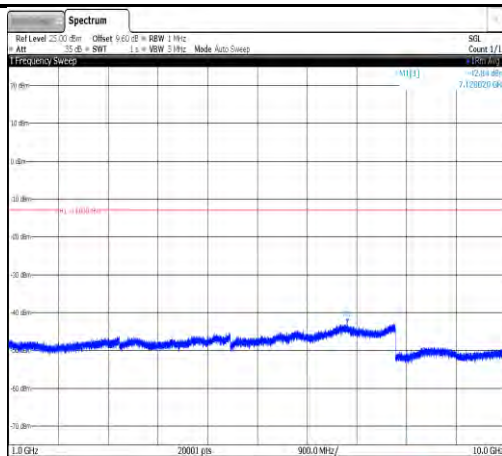
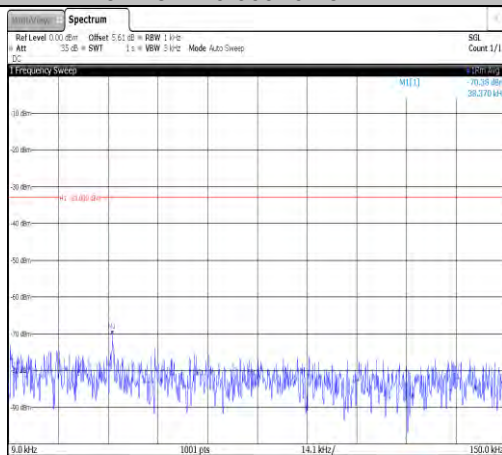




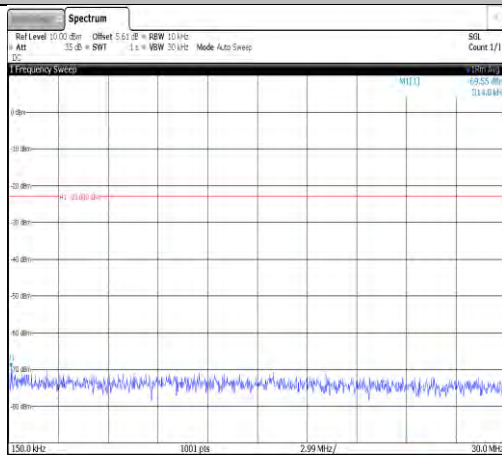
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Band5-4182-4-0.009~0.15MHz-PASS



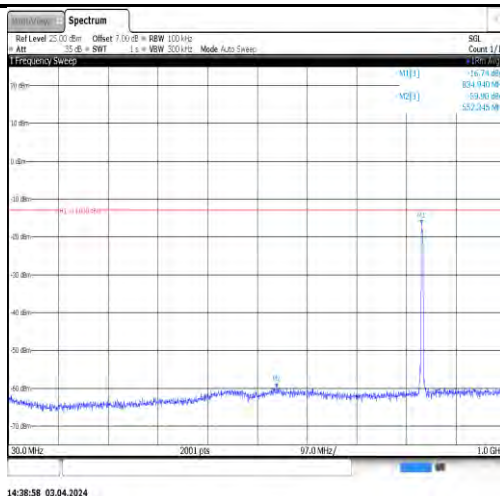
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Band5-4182-4-0.15~30MHz-PASS

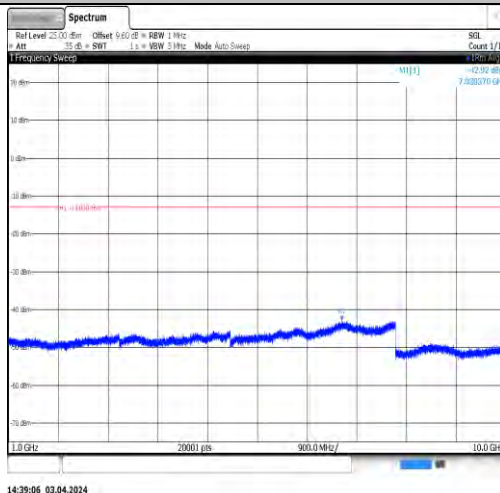


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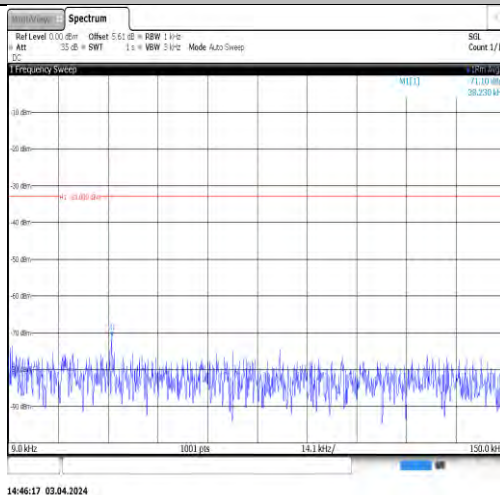
Band5-4182-4-30~1000MHz-PASS



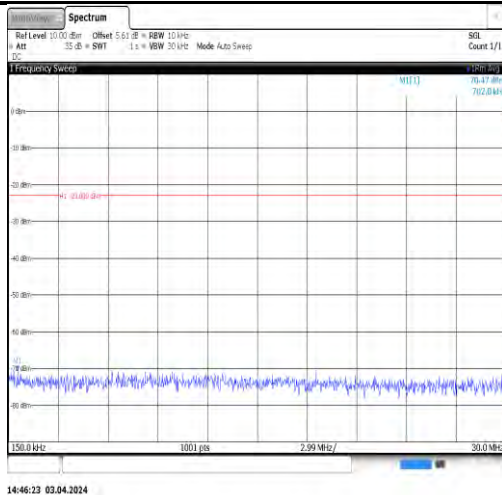
Band5-4182-4-1000~10000MHz-PASS



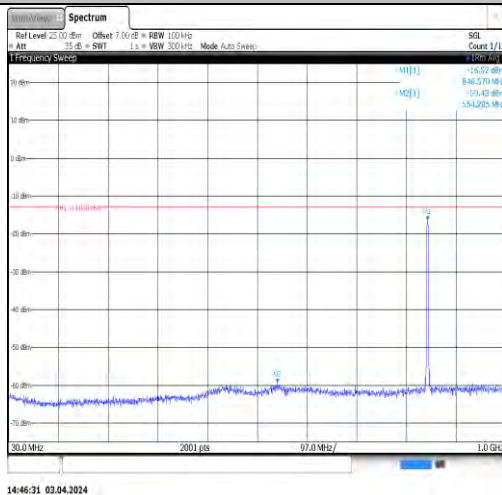
Band5-4233-4-0.009~0.15MHz-PASS



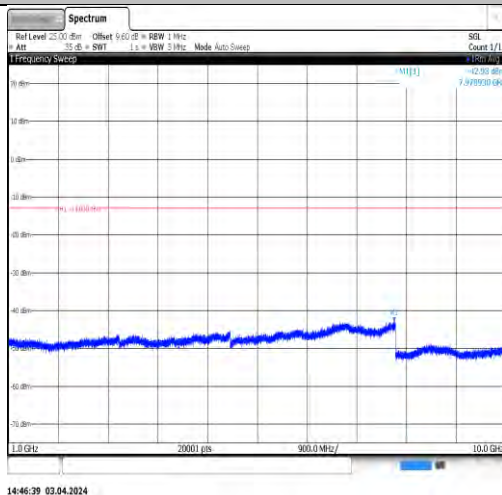
Band5-4233-4-0.15~30MHz-PASS



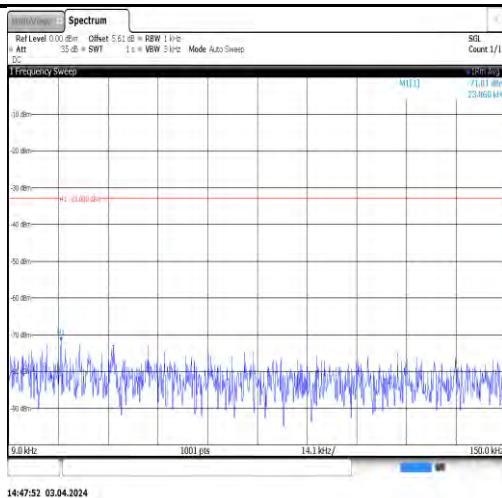
Band5-4233-4-30~1000MHz-PASS



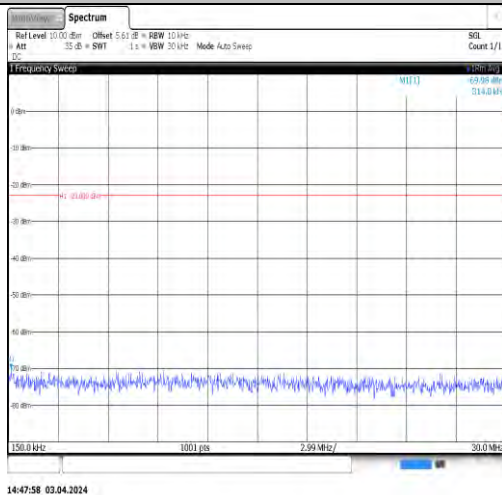
Band5-4233-4-1000~10000MHz-PASS



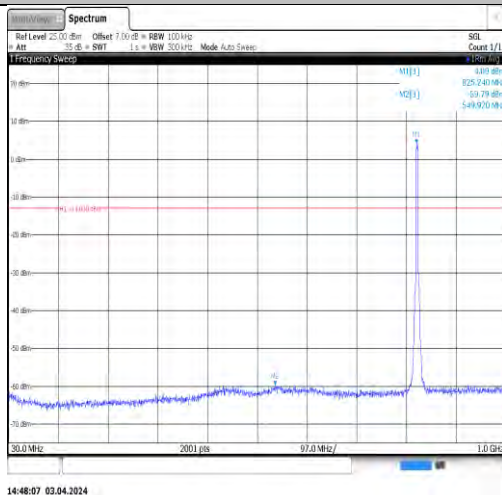
Band5-4132-5-0.009~0.15MHz-PASS



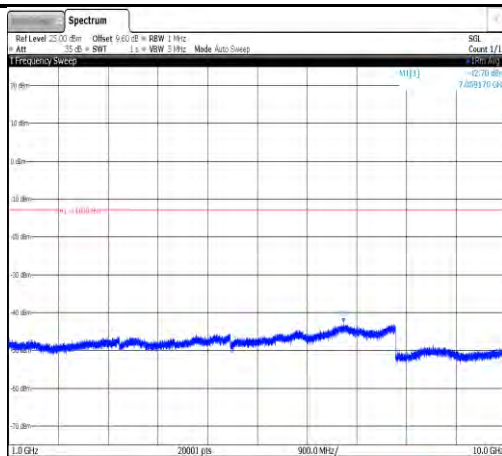
Band5-4132-5-0.15~30MHz-PASS



Band5-4132-5-30~1000MHz-PASS

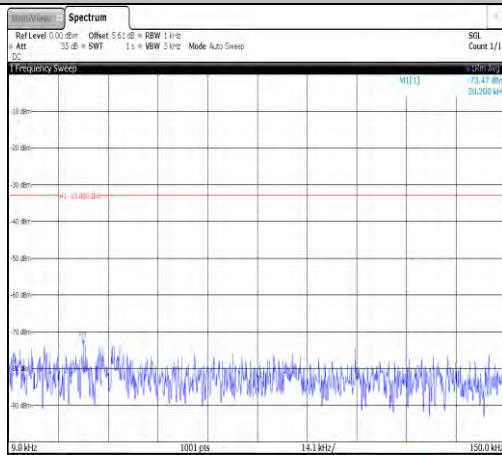


Band5-4132-5-1000~10000MHz-PASS



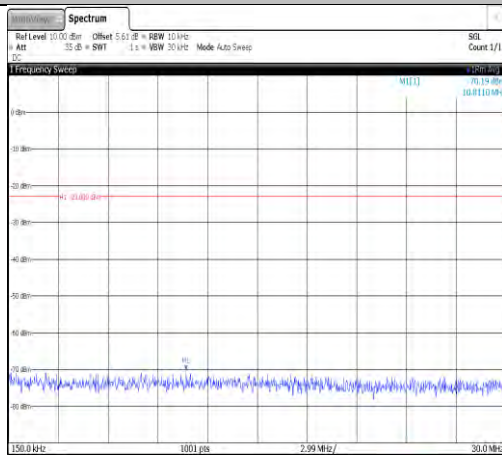
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Band5-4182-5-0.009~0.15MHz-PASS



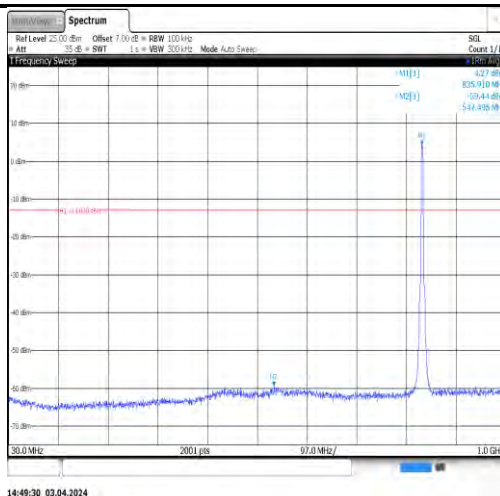
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Band5-4182-5-0.15~30MHz-PASS

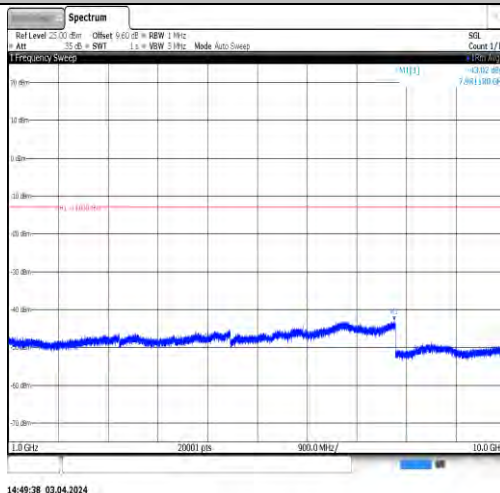


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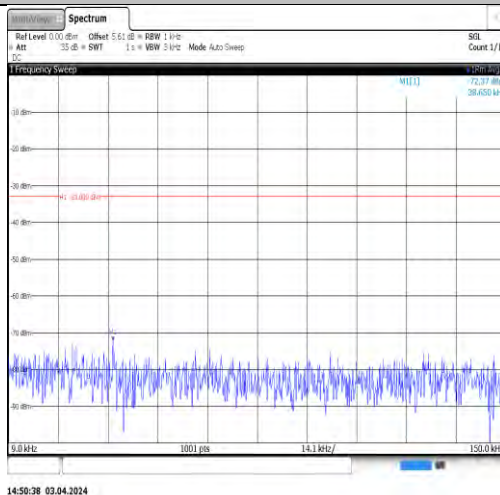
Band5-4182-5-30~1000MHz-PASS



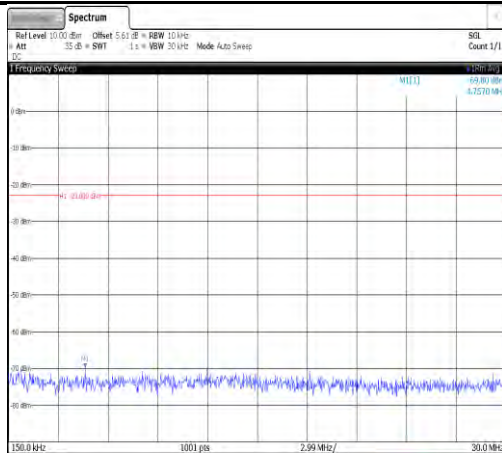
Band5-4182-5-1000~10000MHz-PASS



Band5-4233-5-0.009~0.15MHz-PASS

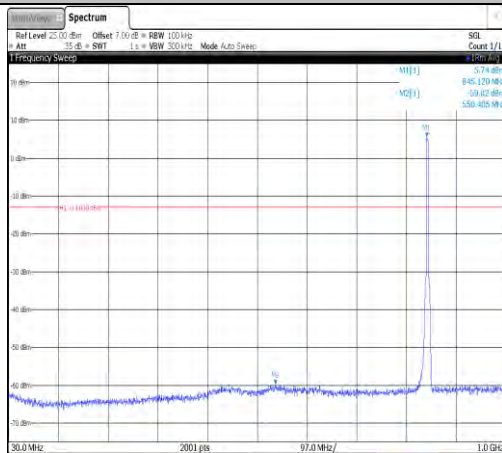


Band5-4233-5-0.15~30MHz-PASS



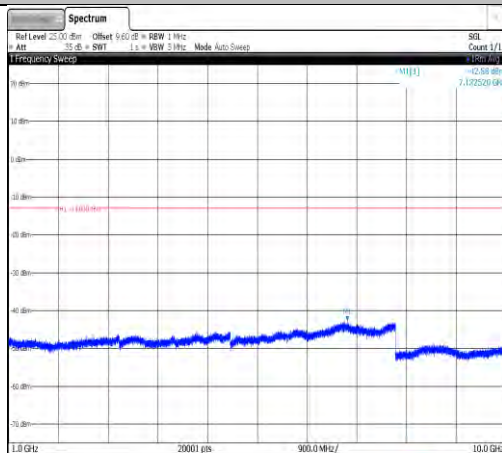
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Band5-4233-5-30~1000MHz-PASS



14:50:52 03.04.2024

Band5-4233-5-1000~10000MHz-PASS



14:51:00 03.04.2024

8.6. AppendixF:Frequency Stability

8.6.1. Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9262	VN	NT	-13.89	-0.007498	±2.5	PASS
Band2	9262	VL	NT	-14.61	-0.007887	±2.5	PASS
Band2	9262	VH	NT	-3.56	-0.001922	±2.5	PASS
Band5	4132	VN	NT	-5.13	-0.006208	±2.5	PASS
Band5	4132	VL	NT	-6.57	-0.007950	±2.5	PASS
Band5	4132	VH	NT	-10.32	-0.012488	±2.5	PASS
Band5	4182	VN	NT	-7.39	-0.008835	±2.5	PASS
Band5	4182	VL	NT	-10.38	-0.012410	±2.5	PASS
Band5	4182	VH	NT	-10.58	-0.012649	±2.5	PASS
Band5	4233	VN	NT	-10.19	-0.012036	±2.5	PASS
Band5	4233	VL	NT	-10.68	-0.012615	±2.5	PASS
Band5	4233	VH	NT	-5.56	-0.006567	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-11.61	-0.014049	±2.5	PASS
Band5	4132	NV	-20	-5.61	-0.006788	±2.5	PASS
Band5	4132	NV	-10	-9.41	-0.011387	±2.5	PASS
Band5	4132	NV	0	-13.05	-0.015791	±2.5	PASS
Band5	4132	NV	10	-12.82	-0.015513	±2.5	PASS
Band5	4132	NV	20	-5.10	-0.006171	±2.5	PASS
Band5	4132	NV	30	-6.57	-0.007950	±2.5	PASS
Band5	4132	NV	40	-9.82	-0.011883	±2.5	PASS
Band5	4132	NV	50	-13.44	-0.016263	±2.5	PASS
Band5	4182	NV	-30	-13.18	-0.015758	±2.5	PASS
Band5	4182	NV	-20	-12.18	-0.014562	±2.5	PASS
Band5	4182	NV	-10	-12.67	-0.015148	±2.5	PASS
Band5	4182	NV	0	-8.75	-0.010462	±2.5	PASS
Band5	4182	NV	10	-6.87	-0.008214	±2.5	PASS
Band5	4182	NV	20	-7.20	-0.008608	±2.5	PASS
Band5	4182	NV	30	-11.03	-0.013187	±2.5	PASS
Band5	4182	NV	40	-13.00	-0.015543	±2.5	PASS
Band5	4182	NV	50	-5.04	-0.006026	±2.5	PASS
Band5	4233	NV	-30	-12.52	-0.014789	±2.5	PASS
Band5	4233	NV	-20	-8.33	-0.009839	±2.5	PASS
Band5	4233	NV	-10	-7.50	-0.008859	±2.5	PASS
Band5	4233	NV	0	-12.03	-0.014210	±2.5	PASS
Band5	4233	NV	10	-7.11	-0.008398	±2.5	PASS
Band5	4233	NV	20	-12.92	-0.015261	±2.5	PASS
Band5	4233	NV	30	-7.05	-0.008327	±2.5	PASS
Band5	4233	NV	40	-11.54	-0.013631	±2.5	PASS
Band5	4233	NV	50	-9.76	-0.011528	±2.5	PASS

9. RADIATED SPURIOUS EMISSIONS

LIMIT

FCC: §24.238(a) (WCDMA Band 2)

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

FCC: §22.917(a) (WCDMA Band 5)

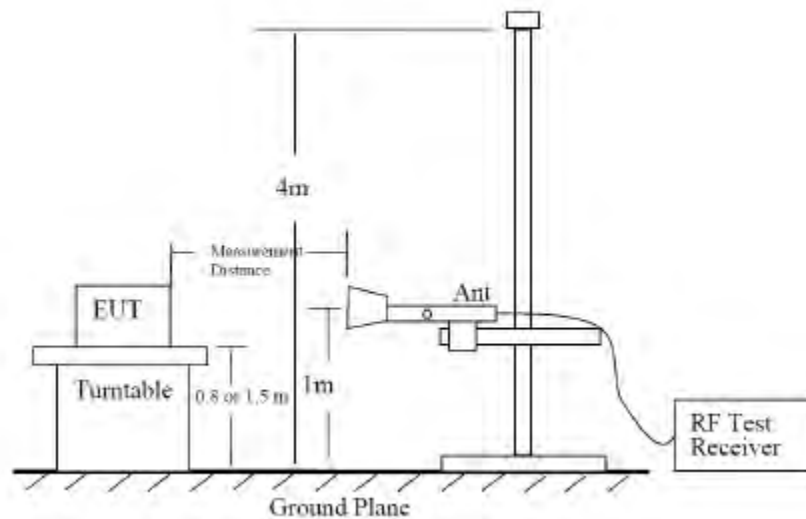
The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log (P)$ dB.

FCC: §27.53(h) (WCDMA Band 4)

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

TEST PROCEDURE

Following the test configuration shown below, radiated emissions measured directly from the EUT and convert the measured field strength or received power to ERP or EIRP, as required, for comparison to the applicable limits. As stated in section 5.5.1 of ANSI C63.26-2015. The field strength measurement method by using a test site validated to the requirement of ANSI C63.4 is an alternative method to the substitution measurement.



Radiated Power Measurement Calculation According to ANSI C63.26-2015

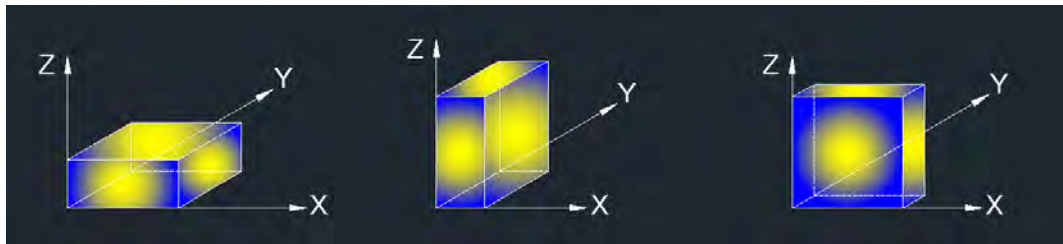
- a) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- b) $E \text{ (dB}\mu\text{V/m)} = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$.
- c) $E \text{ (dB}\mu\text{V/m)} = \text{EIRP (dBm)} - 20\log(D) + 104.8$, where D is the measurement distance (in the far field region) in m.
- d) $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 20\log(D) - 104.8$, where D is the measurement distance (in the far field region) in m.

So, from d)

The measuring distance is at 3m, then $20 \cdot \log(3) = 9.5424$

Then, $\text{EIRP (dBm)} = E \text{ (dB}\mu\text{V/m)} + 9.5424 - 104.8 = E \text{ (dB}\mu\text{V/m)} - 95.2576$

X axis, Y axis, Z axis positions:



Note: The EUT was investigated in three orthogonal orientations X/Y/Z on ANT0 to determine the worst-case orientation. X orientation is finally determined the worst.

TEST ENVIRONMENT

Temperature	24.1°C	Relative Humidity	57%
Atmosphere Pressure	101kPa	Test Voltage	DC 3.8 V

RESULTS

WCDMA Band 2

REL99- Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3690.000	49.32	-3.10	46.22	82.25	-36.03	peak
2	5550.000	50.13	2.58	52.71	82.25	-29.54	peak
3	8745.000	41.33	8.51	49.84	82.25	-32.41	peak
4	12000.000	36.48	18.50	54.98	82.25	-27.27	peak
5	14505.000	34.85	20.56	55.41	82.25	-26.84	peak
6	17805.000	29.98	26.11	56.09	82.25	-26.16	peak

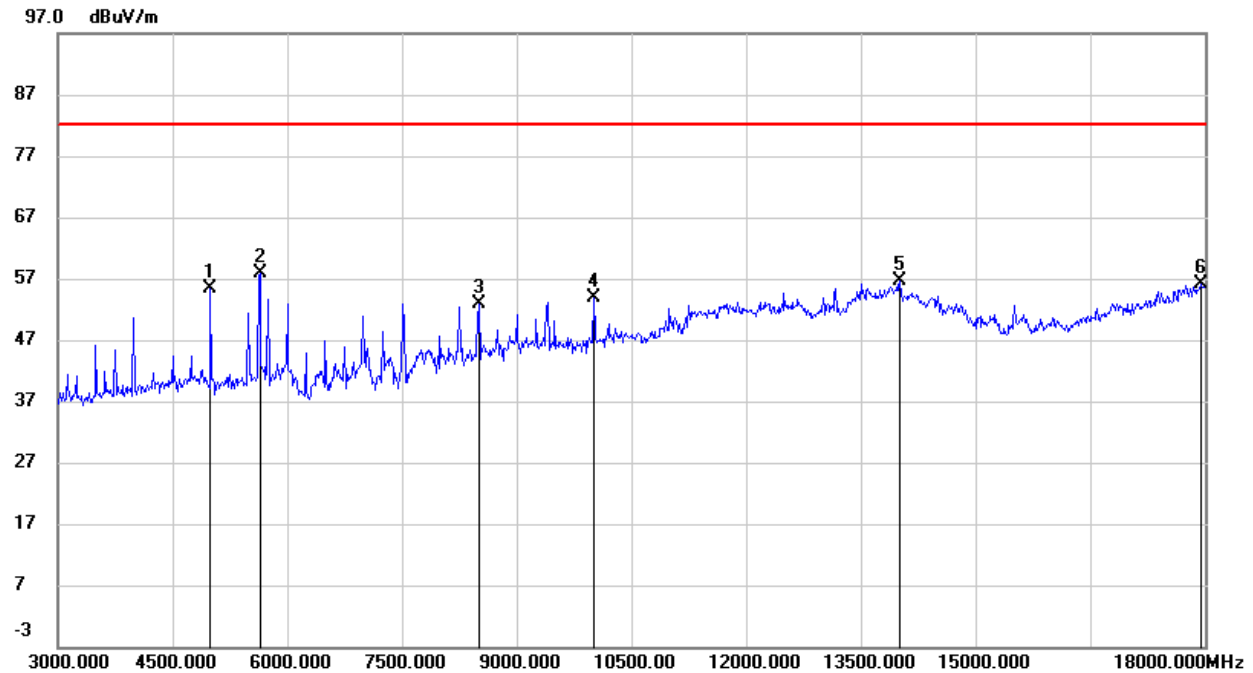
REL99 Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	52.36	0.83	53.19	82.25	-29.06	peak
2	6000.000	51.53	3.11	54.64	82.25	-27.61	peak
3	7410.000	45.94	7.43	53.37	82.25	-28.88	peak
4	10005.000	41.90	12.48	54.38	82.25	-27.87	peak
5	14010.000	34.25	22.73	56.98	82.25	-25.27	peak
6	17865.000	29.29	26.33	55.62	82.25	-26.63	peak

REL99- Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	48.08	0.83	48.91	82.25	-33.34	peak
2	6000.000	46.53	3.11	49.64	82.25	-32.61	peak
3	8505.000	43.66	8.24	51.90	82.25	-30.35	peak
4	10005.000	43.15	12.48	55.63	82.25	-26.62	peak
5	13500.000	35.01	21.69	56.70	82.25	-25.55	peak
6	17685.000	30.68	25.02	55.70	82.25	-26.55	peak

REL99- Mid Channel- Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	54.55	0.83	55.38	82.25	-26.87	peak
2	5640.000	55.22	2.70	57.92	82.25	-24.33	peak
3	8505.000	44.59	8.24	52.83	82.25	-29.42	peak
4	10005.000	41.30	12.48	53.78	82.25	-28.47	peak
5	14010.000	33.80	22.73	56.53	82.25	-25.72	peak
6	17940.000	29.61	26.61	56.22	82.25	-26.03	peak

REL99- High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	48.39	0.83	49.22	82.25	-33.03	peak
2	5715.000	50.96	2.50	53.46	82.25	-28.79	peak
3	10005.000	42.08	12.48	54.56	82.25	-27.69	peak
4	10995.000	39.77	14.89	54.66	82.25	-27.59	peak
5	14010.000	34.92	22.73	57.65	82.25	-24.60	peak
6	17985.000	30.07	26.77	56.84	82.25	-25.41	peak

REL99- High Channel- Vertical

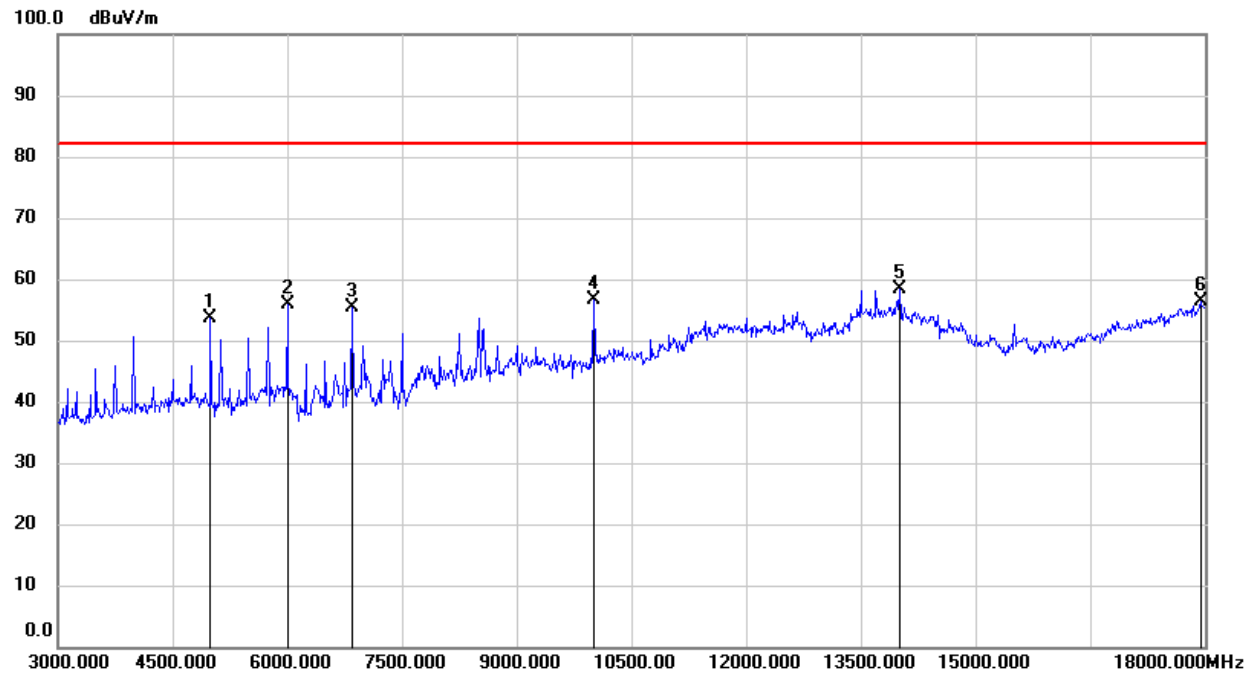
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	52.73	0.83	53.56	82.25	-28.69	peak
2	6000.000	53.31	3.11	56.42	82.25	-25.83	peak
3	8505.000	44.76	8.24	53.00	82.25	-29.25	peak
4	10005.000	43.30	12.48	55.78	82.25	-26.47	peak
5	14010.000	34.78	22.73	57.51	82.25	-24.74	peak
6	17940.000	29.47	26.61	56.08	82.25	-26.17	peak

WCDMA Band 4

REL99- Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	47.55	0.83	48.38	82.25	-33.87	peak
2	6840.000	47.84	5.46	53.30	82.25	-28.95	peak
3	8505.000	43.15	8.24	51.39	82.25	-30.86	peak
4	10005.000	44.32	12.48	56.80	82.25	-25.45	peak
5	13500.000	35.64	21.69	57.33	82.25	-24.92	peak
6	15510.000	37.71	17.90	55.61	82.25	-26.64	peak

REL99- Low Channel- Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	52.90	0.83	53.73	82.25	-28.52	peak
2	6000.000	52.86	3.11	55.97	82.25	-26.28	peak
3	6840.000	49.91	5.46	55.37	82.25	-26.88	peak
4	10005.000	44.20	12.48	56.68	82.25	-25.57	peak
5	14010.000	35.65	22.73	58.38	82.25	-23.87	peak
6	17940.000	29.72	26.61	56.33	82.25	-25.92	peak

REL99- Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	48.47	0.83	49.30	82.25	-32.95	peak
2	5745.000	47.04	2.42	49.46	82.25	-32.79	peak
3	6930.000	47.28	6.61	53.89	82.25	-28.36	peak
4	10005.000	43.87	12.48	56.35	82.25	-25.90	peak
5	13500.000	35.22	21.69	56.91	82.25	-25.34	peak
6	17970.000	29.84	26.72	56.56	82.25	-25.69	peak

REL99- Mid Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	49.39	0.83	50.22	82.25	-32.03	peak
2	6000.000	50.60	3.11	53.71	82.25	-28.54	peak
3	6930.000	49.41	6.61	56.02	82.25	-26.23	peak
4	8655.000	41.95	8.65	50.60	82.25	-31.65	peak
5	13860.000	33.89	22.68	56.57	82.25	-25.68	peak
6	17550.000	31.28	23.98	55.26	82.25	-26.99	peak

REL99- High Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4995.000	49.02	0.83	49.85	82.25	-32.40	peak
2	6000.000	46.00	3.11	49.11	82.25	-33.14	peak
3	7005.000	47.62	7.47	55.09	82.25	-27.16	peak
4	10005.000	42.85	12.48	55.33	82.25	-26.92	peak
5	13500.000	34.70	21.69	56.39	82.25	-25.86	peak
6	17925.000	29.91	26.55	56.46	82.25	-25.79	peak

REL99- High Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5250.000	52.10	1.54	53.64	82.25	-28.61	peak
2	6000.000	50.19	3.11	53.30	82.25	-28.95	peak
3	7005.000	49.71	7.47	57.18	82.25	-25.07	peak
4	10995.000	37.83	14.89	52.72	82.25	-29.53	peak
5	14010.000	34.15	22.73	56.88	82.25	-25.37	peak
6	17910.000	29.57	26.50	56.07	82.25	-26.18	peak

WCDMA Band 5

REL99- Low Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	58.50	-8.31	50.19	82.25	-32.06	peak
2	4996.000	51.97	0.42	52.39	82.25	-29.86	peak
3	5752.000	48.49	1.99	50.48	82.25	-31.77	peak
4	7498.000	43.35	6.77	50.12	82.25	-32.13	peak
5	8749.000	45.60	8.02	53.62	82.25	-28.63	peak
6	10000.000	44.00	12.01	56.01	82.25	-26.24	peak

REL99- Low Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	53.92	-8.31	45.61	82.25	-36.64	peak
2	3997.000	49.10	-3.45	45.65	82.25	-36.60	peak
3	4996.000	49.89	0.42	50.31	82.25	-31.94	peak
4	5752.000	50.53	1.99	52.52	82.25	-29.73	peak
5	6004.000	52.36	2.82	55.18	82.25	-27.07	peak
6	10000.000	38.45	12.01	50.46	82.25	-31.79	peak

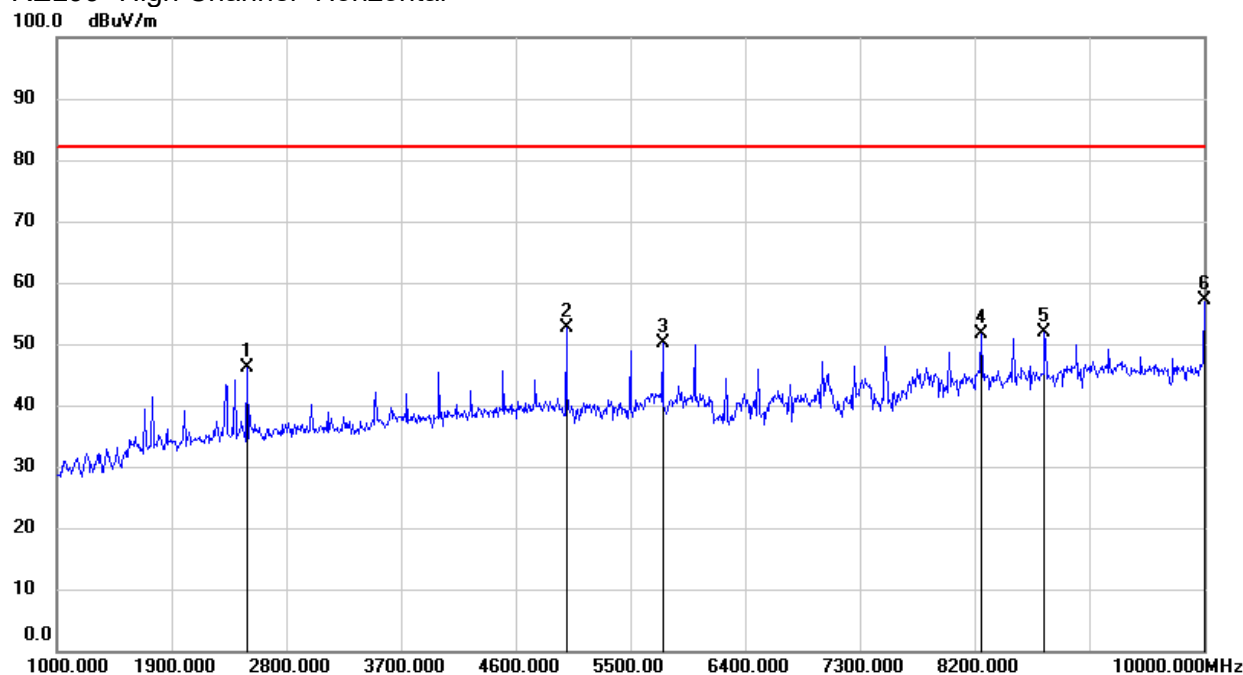
REL99- Mid Channel- Horizontal

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	54.73	-8.31	46.42	82.25	-35.83	peak
2	4996.000	52.61	0.42	53.03	82.25	-29.22	peak
3	5752.000	48.47	1.99	50.46	82.25	-31.79	peak
4	6004.000	47.35	2.82	50.17	82.25	-32.08	peak
5	8749.000	44.57	8.02	52.59	82.25	-29.66	peak
6	10000.000	44.32	12.01	56.33	82.25	-25.92	peak

REL99- Mid Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	53.57	-8.31	45.26	82.25	-36.99	peak
2	3997.000	48.90	-3.45	45.45	82.25	-36.80	peak
3	4996.000	49.48	0.42	49.90	82.25	-32.35	peak
4	5752.000	49.91	1.99	51.90	82.25	-30.35	peak
5	6004.000	50.40	2.82	53.22	82.25	-29.03	peak
6	10000.000	40.77	12.01	52.78	82.25	-29.47	peak

REL99- High Channel- Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2494.000	53.97	-7.88	46.09	82.25	-36.16	peak
2	4996.000	52.25	0.42	52.67	82.25	-29.58	peak
3	5752.000	48.09	1.99	50.08	82.25	-32.17	peak
4	8254.000	43.48	8.11	51.59	82.25	-30.66	peak
5	8749.000	43.79	8.02	51.81	82.25	-30.44	peak
6	10000.000	45.07	12.01	57.08	82.25	-25.17	peak

Note:

1. based on preliminary testing, there were no significant differences between the two models and therefore model [MT6761 version] was fully tested.

REL99- High Channel- Vertical

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.000	57.21	-8.31	48.90	82.25	-33.35	peak
2	4996.000	53.41	0.42	53.83	82.25	-28.42	peak
3	5752.000	52.83	1.99	54.82	82.25	-27.43	peak
4	6004.000	51.83	2.82	54.65	82.25	-27.60	peak
5	7498.000	45.47	6.77	52.24	82.25	-30.01	peak
6	10000.000	43.43	12.01	55.44	82.25	-26.81	peak

Note:

1. All the modulation has been tested at low, middle, high channels, only the worst modulation show in the test report.

END OF REPORT