

LTE CAT-M Band 26 Bandwidth 1.4 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1663	Vertical	-56.57	-13	-43.57
1663	Horizontal	-48.02	-13	-35.02
2494.3	Vertical	-46.85	-13	-33.85
2494.3	Horizontal	-43.14	-13	-30.14

LTE CAT-M Band 26 Bandwidth 3 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1661.3	Vertical	-52.43	-13	-39.43
1661.3	Horizontal	-48.40	-13	-35.4
2492.6	Vertical	-46.66	-13	-33.66
2492.6	Horizontal	-43.42	-13	-30.42

LTE CAT-M Band 26 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1657.9	Vertical	-55.13	-13	-42.13
1659.6	Horizontal	-48.98	-13	-35.98
2487.5	Vertical	-44.86	-13	-31.86
2489.2	Horizontal	-42.50	-13	-29.5

LTE CAT-M Band 26 Bandwidth 10 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1654.5	Vertical	-53.67	-13	-40.67
1654.5	Horizontal	-47.93	-13	-34.93
2482.4	Vertical	-49.04	-13	-36.04
2482.4	Horizontal	-43.41	-13	-30.41

LTE CAT-M Band 26 Bandwidth 15 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1649.4	Vertical	-52.25	-13	-39.25
1649.4	Horizontal	-50.79	-13	-37.79
2475.6	Vertical	-47.88	-13	-34.88
2475.6	Horizontal	-43.70	-13	-30.7

LTE CAT-M Band 26 Bandwidth 1.4 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1693.6	Vertical	-57.78	-13	-44.78
1695.3	Horizontal	-55.48	-13	-42.48
2543.6	Vertical	-53.69	-13	-40.69
2545.3	Horizontal	-54.70	-13	-41.7

LTE CAT-M Band 26 Bandwidth 3 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1693.6	Vertical	-52.95	-13	-39.95
1695.3	Horizontal	-57.48	-13	-44.48
2540.2	Vertical	-53.58	-13	-40.58
2540.2	Horizontal	-51.30	-13	-38.3

LTE CAT-M Band 26 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1688.5	Vertical	-55.24	-13	-42.24
1688.5	Horizontal	-51.45	-13	-38.45
2533.4	Vertical	-51.38	-13	-38.38
2533.4	Horizontal	-48.31	-13	-35.31

LTE CAT-M Band 26 Bandwidth 10 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1678.3	Vertical	-55.84	-13	-42.84
1680	Horizontal	-48.61	-13	-35.61
2519.8	Vertical	-49.24	-13	-36.24
2519.8	Horizontal	-46.79	-13	-33.79

LTE CAT-M Band 26 Bandwidth 15 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1669.8	Vertical	-54.65	-13	-41.65
1669.8	Horizontal	-47.64	-13	-34.64
2506.2	Vertical	-50.12	-13	-37.12
2506.2	Horizontal	-46.41	-13	-33.41

LTE CAT-M Band 66 Bandwidth 1.4 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3420.8	Vertical	-36.97	-13	-23.97
3420.8	Horizontal	-39.20	-13	-26.2
5132.7	Vertical	-53.54	-13	-40.54
5132.7	Horizontal	-53.40	-13	-40.4

LTE CAT-M Band 66 Bandwidth 3 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3420.8	Vertical	-45.64	-13	-32.64
3420.8	Horizontal	-46.14	-13	-33.14
5136.1	Horizontal	-52.68	-13	-39.68
5137.8	Vertical	-53.13	-13	-40.13

LTE CAT-M Band 66 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3420.8	Vertical	-42.28	-13	-29.28
3420.8	Horizontal	-38.03	-13	-25.03
5136.1	Horizontal	-52.17	-13	-39.17
5137.8	Vertical	-52.77	-13	-39.77

LTE CAT-M Band 66 Bandwidth 10 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3422.5	Vertical	-36.95	-13	-23.95
3422.5	Horizontal	-39.88	-13	-26.88
5141.2	Horizontal	-52.41	-13	-39.41
5144.6	Vertical	-53.44	-13	-40.44

LTE CAT-M Band 66 Bandwidth 15 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3422.5	Vertical	-37.42	-13	-24.42
3422.5	Horizontal	-37.30	-13	-24.3
5146.3	Vertical	-52.08	-13	-39.08
5148	Horizontal	-52.50	-13	-39.5

LTE CAT-M Band 66 Bandwidth 20 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3422.5	Vertical	-35.35	-13	-22.35
3422.5	Horizontal	-38.29	-13	-25.29
5151.4	Horizontal	-52.79	-13	-39.79
5158.2	Vertical	-52.62	-13	-39.62

LTE CAT-M Band 66 Bandwidth 1.4 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3509.2	Vertical	-45.63	-13	-32.63
3509.2	Horizontal	-48.63	-13	-35.63
5263.6	Vertical	-54.89	-13	-41.89
5263.6	Horizontal	-54.61	-13	-41.61

LTE CAT-M Band 66 Bandwidth 3 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3509.2	Vertical	-49.28	-13	-36.28
3509.2	Horizontal	-38.82	-13	-25.82
5263.6	Vertical	-54.10	-13	-41.1
5263.6	Horizontal	-53.90	-13	-40.9

LTE CAT-M Band 66 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3505.8	Vertical	-44.74	-13	-31.74
3505.8	Horizontal	-40.81	-13	-27.81
5261.9	Vertical	-53.16	-13	-40.16
5267	Horizontal	-53.95	-13	-40.95

LTE CAT-M Band 66 Bandwidth 10 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3500.7	Vertical	-42.75	-13	-29.75
3502.4	Horizontal	-41.30	-13	-28.3
5260.2	Vertical	-54.05	-13	-41.05
5261.9	Horizontal	-54.07	-13	-41.07

LTE CAT-M Band 66 Bandwidth 15 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3497.3	Vertical	-42.03	-13	-29.03
3497.3	Horizontal	-38.40	-13	-25.4
5263.6	Vertical	-52.68	-13	-39.68
5268.7	Horizontal	-53.70	-13	-40.7

LTE CAT-M Band 66 Bandwidth 20 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3493.9	Vertical	-46.73	-13	-33.73
3493.9	Horizontal	-42.02	-13	-29.02
5256.8	Horizontal	-53.81	-13	-40.81
5263.6	Vertical	-54.06	-13	-41.06

LTE CAT-M Band 66 Bandwidth 1.4 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3558.5	Vertical	-45.93	-13	-32.93
3558.5	Horizontal	-46.57	-13	-33.57
5338.4	Vertical	-53.29	-13	-40.29
5338.4	Horizontal	-52.65	-13	-39.65

LTE CAT-M Band 66 Bandwidth 3 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3555.1	Vertical	-48.32	-13	-35.32
3555.1	Horizontal	-44.16	-13	-31.16
5335	Vertical	-52.25	-13	-39.25
5338.4	Horizontal	-52.89	-13	-39.89

LTE CAT-M Band 66 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3550	Vertical	-47.92	-13	-34.92
3551.7	Horizontal	-44.21	-13	-31.21
5328.2	Vertical	-51.79	-13	-38.79
5329.9	Horizontal	-52.32	-13	-39.32

LTE CAT-M Band 66 Bandwidth 10 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3541.5	Vertical	-42.93	-13	-29.93
3558.5	Horizontal	-49.68	-13	-36.68
5319.7	Vertical	-51.91	-13	-38.91
5321.4	Horizontal	-52.29	-13	-39.29

LTE CAT-M Band 66 Bandwidth 15 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3531.3	Vertical	-45.89	-13	-32.89
3533	Horizontal	-49.44	-13	-36.44
5309.5	Vertical	-53.05	-13	-40.05
5321.4	Horizontal	-51.56	-13	-38.56

LTE CAT-M Band 66 Bandwidth 20 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3522.8	Vertical	-49.45	-13	-36.45
3522.8	Horizontal	-45.28	-13	-32.28
5302.7	Vertical	-52.27	-13	-39.27
5309.5	Horizontal	-51.82	-13	-38.82

LTE NB-IOT Band 2 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3703	Vertical	-55.26	-13	-42.26
3704.7	Horizontal	-53.33	-13	-40.33
5556	Vertical	-54.43	-13	-41.43
5561.1	Horizontal	-53.80	-13	-40.8

LTE NB-IOT Band 2 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3760.8	Vertical	-54.48	-13	-41.48
3762.5	Horizontal	-53.82	-13	-40.82
5639.3	Vertical	-53.91	-13	-40.91
5641	Horizontal	-54.18	-13	-41.18

LTE NB-IOT Band 2 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3812.3	Vertical	-54.56	-13	-41.56
3815.2	Horizontal	-55.03	-13	-42.03
5720.9	Vertical	-53.48	-13	-40.48
5722.6	Horizontal	-55.39	-13	-42.39

LTE NB-IOT Band 4 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3424.2	Vertical	-41.68	-13	-28.68
3424.2	Horizontal	-40.74	-13	-27.74
5137.8	Vertical	-53.58	-13	-40.58
5139.5	Horizontal	-53.55	-13	-40.55

LTE NB-IOT Band 4 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3465	Vertical	-43.35	-13	-30.35
3465	Horizontal	-41.18	-13	-28.18
5197.3	Vertical	-53.07	-13	-40.07
5199	Horizontal	-53.81	-13	-40.81

LTE NB-IOT Band 4 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3504.1	Vertical	-44.45	-13	-31.45
3504.1	Horizontal	-38.44	-13	-25.44
5256.8	Vertical	-55.12	-13	-42.12
5256.8	Horizontal	-54.39	-13	-41.39

LTE NB-IOT Band 5 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1652.8	Vertical	-52.71	-13	-39.71
1652.8	Horizontal	-51.09	-13	-38.09
2479	Vertical	-47.60	-13	-34.6
2479	Horizontal	-45.66	-13	-32.66

LTE NB-IOT Band 5 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1671.5	Vertical	-53.61	-13	-40.61
1671.5	Horizontal	-51.78	-13	-38.78
2507.9	Vertical	-51.14	-13	-38.14
2507.9	Horizontal	-49.04	-13	-36.04

LTE NB-IOT Band 5 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1691.9	Vertical	-53.35	-13	-40.35
1691.9	Horizontal	-51.86	-13	-38.86
2538.5	Vertical	-52.95	-13	-39.95
2538.5	Horizontal	-52.67	-13	-39.67

LTE NB-IOT Band 12 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1401.2	Horizontal	-47.75	-13	-34.75
1402.9	Vertical	-51.96	-13	-38.96
2103.3	Vertical	-43.50	-13	-30.5
2103.3	Horizontal	-37.59	-13	-24.59

LTE NB-IOT Band 12 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1414.8	Vertical	-51.07	-13	-38.07
1414.8	Horizontal	-50.93	-13	-37.93
2122	Vertical	-50.57	-13	-37.57
2122	Horizontal	-47.57	-13	-34.57

LTE NB-IOT Band 12 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1426.7	Vertical	-49.34	-13	-36.34
1426.7	Horizontal	-43.77	-13	-30.77
2139	Vertical	-47.18	-13	-34.18
2140.7	Horizontal	-42.58	-13	-29.58

LTE NB-IOT Band 13 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1557.6	Vertical	-55.23	-13	-42.23
1561	Horizontal	-58.24	-13	-45.24
2336.2	Vertical	-54.50	-13	-41.5
2337.9	Horizontal	-55.57	-13	-42.57

LTE NB-IOT Band 13 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1562.7	Vertical	-55.23	-13	-42.23
1562.7	Horizontal	-58.24	-13	-45.24
2346.4	Vertical	-54.50	-13	-41.5
2348.1	Horizontal	-55.57	-13	-42.57

LTE NB-IOT Band 13 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1567.8	Vertical	-59.09	-13	-46.09
1567.8	Horizontal	-56.97	-13	-43.97
2353.2	Vertical	-55.23	-13	-42.23
2353.2	Horizontal	-55.07	-13	-42.07

LTE NB-IOT Band 17 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1411.4	Vertical	-52.16	-13	-39.16
1411.4	Horizontal	-47.96	-13	-34.96
2118.6	Vertical	-49.49	-13	-36.49
2118.6	Horizontal	-43.20	-13	-30.2

LTE NB-IOT Band 17 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1418.2	Vertical	-46.74	-13	-33.74
1419.9	Horizontal	-53.83	-13	-40.83
2128.8	Vertical	-51.21	-13	-38.21
2130.5	Horizontal	-46.37	-13	-33.37

LTE NB-IOT Band 17 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1426.7	Vertical	-51.42	-13	-38.42
1426.7	Horizontal	-48.81	-13	-35.81
2139	Vertical	-49.53	-13	-36.53
2140.7	Horizontal	-47.59	-13	-34.59

LTE NB-IOT Band 25 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3704.7	Vertical	-54.60	-13	-41.6
3704.7	Horizontal	-53.73	-13	-40.73
5556	Vertical	-52.67	-13	-39.67
5557.7	Horizontal	-54.34	-13	-41.34

LTE NB-IOT Band 25 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3764.2	Vertical	-54.09	-13	-41.09
3765.9	Horizontal	-54.66	-13	-41.66
5646.1	Vertical	-54.42	-13	-41.42
5649.5	Horizontal	-53.69	-13	-40.69

LTE NB-IOT Band 25 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3823.7	Vertical	-54.52	-13	-41.52
3825.4	Horizontal	-55.87	-13	-42.87
5737.9	Vertical	-52.76	-13	-39.76
5739.6	Horizontal	-53.44	-13	-40.44

LTE NB-IOT Band 26 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1630.7	Vertical	-58.16	-13	-45.16
1632.4	Horizontal	-57.94	-13	-44.94
2448.4	Vertical	-55.44	-13	-42.44
2450.1	Horizontal	-54.37	-13	-41.37

LTE NB-IOT Band 26 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1664.7	Vertical	-58.31	-13	-45.31
1664.7	Horizontal	-58.04	-13	-45.04
2492.6	Vertical	-54.19	-13	-41.19
2492.6	Horizontal	-53.07	-13	-40.07

LTE NB-IOT Band 26 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
1695.3	Vertical	-58.37	-13	-45.37
1695.3	Horizontal	-57.76	-13	-44.76
2540.2	Vertical	-54.25	-13	-41.25
2541.9	Horizontal	-53.95	-13	-40.95

LTE NB-IOT Band 66 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Low Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3424.2	Vertical	-41.91	-13	-28.91
3424.2	Horizontal	-39.19	-13	-26.19
5136.1	Vertical	-53.52	-13	-40.52
5136.1	Horizontal	-52.87	-13	-39.87

LTE NB-IOT Band 66 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	Mid Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3509.2	Vertical	-44.90	-13	-31.9
3509.2	Horizontal	-42.36	-13	-29.36
5265.3	Vertical	-55.42	-13	-42.42
5267	Horizontal	-54.40	-13	-41.4

LTE NB-IOT Band 66 Bandwidth 5 MHz

Frequency Range	1GHz ~ 26.5GHz	Operating Channel	High Channel
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SPURIOUS EMISSION LEVEL				
Frequency (MHz)	Antenna Polarization	Level (dBm)	Limit (dBm)	Margin (dB)
3555.1	Vertical	-47.97	-13	-34.97
3555.1	Horizontal	-49.67	-13	-36.67
5333.3	Vertical	-52.47	-13	-39.47
5335	Horizontal	-53.45	-13	-40.45

Test Setup Photo

(Please refer to the attached file (Test Setup Photo))

IV. Test Equipment List

Calibrated test equipment utilized during testing was maintained in a current state of calibration per the requirements of ISO/IEC 17025:2017.

Asset #	Equipment	Manufacturer	Model	Last Cal Date	Cal Due Date
1S2003	EMI Test Receiver	Keysight	N9030B	11/06/2023	11/06/2024
1S2399	Turntable Controller	SUNOL SCIENCE	SC99V	Not Required	Not Required
1S2486	5 Meter Chamber Control Room	Panashield	5 Meter Control Room	Not Required	Not Required
1S2435	Horn Antenna	ETS-LINDGREN	3117	04/06/2023	04/06/2025
1S3826	Horn Antenna	ETS-LINDGREN	3117	04/06/2023	04/06/2025
1S4802	Preamplifier	EMC Instrument	EMC118A45SE	Note 1	Note 1
1S2668	Preamplifier	Sonoma Instrument	310N	Note 1	Note 1
1S2756	EXG Vector Signal Generator	Keysight	N5172B	August 27, 2022	August 27, 2024
1S2600	Antenna	TESEQ GmbH	D-12623	April 19, 2023	April 19, 2025
Note 1: Verified by calibrated instrumentation at the time of testing					

Table 1. Radiated Emission and Bandage Measurement, Test Equipment List

END OF REPORT