Page: 1 of 25

# Appendix B

LTE-NB1 Band 17



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Page: 2 of 25

### **CONTENT**

		i ago
1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	3
	1.1 TEST RESULT FOR LTE NB1 BAND 17	3
2	PEAK-TO-AVERAGE RATIO	4
	2.1 For LTE-NB1	4
	2.1.1 Test Band = LTE-NB1 Band 17	4
3	MODULATION CHARACTERISTICS	6
	3.1 For LTE-NB1	6
	3.1.1 Test Band = LTE-NB1 Band 17	6
4	BANDWIDTH	8
	4.1 For LTE-NB1	8
	4.1.1 Test Band = LTE-NB1 Band 17	8
5	BAND EDGES COMPLIANCE	10
	5.1 FOR LTE-NB1	10
	5.1.1 Test Band = LTE-NB1 Band 17	10
6	S SPURIOUS EMISSION AT ANTENNA TERMINAL	15
	6.1 FOR LTE-NB1	15
	6.1.1 Test Band = LTE-NB1 Band 17	15
7	FIELD STRENGTH OF SPURIOUS RADIATION	22
	7.1 FOR LTE-NB1	22
	7.1.1 Test Band = LTE-NB1 Band 17	22
8	B FREQUENCY STABILITY	24
	8.1 FREQUENCY ERROR VS. VOLTAGE	24
	8.2 FREQUENCY FRROR VS. TEMPERATURE	24



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3 of 25 Page:

### **Effective (Isotropic) Radiated Power Output Data**

### 1.1 Test Result for LTE NB1 Band 17

Test Band	Test Mode	Sub-carrier Spacing (kHz)	Test channel	Number of T	Conducted Power (dBm)	ERP (dBm)	limit (dBm)	Verdict
NB1 Band 17	BPSK	3.75	23731	1T0	22.94	22.20	34.77	PASS
NB1 Band 17	BPSK	3.75	23731	1T47	22.80	22.06	34.77	PASS
NB1 Band 17	BPSK	3.75	23790	1T0	23.06	22.32	34.77	PASS
NB1 Band 17	BPSK	3.75	23790	1T47	23.10	22.36	34.77	PASS
NB1 Band 17	BPSK	3.75	23849	1T0	22.98	22.24	34.77	PASS
NB1 Band 17	BPSK	3.75	23849	1T47	22.86	22.12	34.77	PASS
NB1 Band 17	QPSK	3.75	23731	1T0	23.03	22.29	34.77	PASS
NB1 Band 17	QPSK	3.75	23731	1T47	22.93	22.19	34.77	PASS
NB1 Band 17	QPSK	3.75	23790	1T0	23.04	22.30	34.77	PASS
NB1 Band 17	QPSK	3.75	23790	1T47	23.16	22.42	34.77	PASS
NB1 Band 17	QPSK	3.75	23849	1T0	23.11	22.37	34.77	PASS
NB1 Band 17	QPSK	3.75	23849	1T47	22.95	22.21	34.77	PASS

Test Band	Test Mode	Sub-carrier Spacing (kHz)	Test channel	Number of T	Conducted Power (dBm)	ERP (dBm)	limit (dBm)	Verdict
NB1 Band 17	BPSK	15	23731	1T0	22.84	22.10	34.77	PASS
NB1 Band 17	BPSK	15	23731	1T11	22.84	22.10	34.77	PASS
NB1 Band 17	BPSK	15	23790	1T0	22.87	22.13	34.77	PASS
NB1 Band 17	BPSK	15	23790	1T11	22.98	22.24	34.77	PASS
NB1 Band 17	BPSK	15	23849	1T0	22.82	22.08	34.77	PASS
NB1 Band 17	BPSK	15	23849	1T11	23.11	22.37	34.77	PASS
NB1 Band 17	QPSK	15	23731	1T0	23.16	22.42	34.77	PASS
NB1 Band 17	QPSK	15	23731	1T11	22.85	22.11	34.77	PASS
NB1 Band 17	QPSK	15	23731	12T0	20.78	20.04	34.77	PASS
NB1 Band 17	QPSK	15	23790	1T0	22.97	22.23	34.77	PASS
NB1 Band 17	QPSK	15	23790	1T11	22.92	22.18	34.77	PASS
NB1 Band 17	QPSK	15	23790	12T0	20.89	20.15	34.77	PASS
NB1 Band 17	QPSK	15	23849	1T0	23.08	22.34	34.77	PASS
NB1 Band 17	QPSK	15	23849	1T11	22.85	22.11	34.77	PASS
NB1 Band 17	QPSK	15	23849	12T0	20.92	20.18	34.77	PASS

#### Note:

a: For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should be taken to calculate it,

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

ERP [dBm] = Conducted Power [dBm] + Gain [dBi] -2.15



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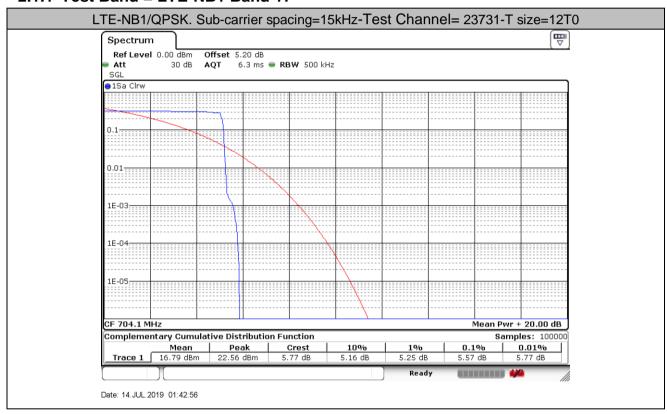
Page: 4 of 25

### 2 Peak-to-Average Ratio

Test Band	Test Mode	Test Channel	Measured[dB]	Limit [dB]	Verdict
NB1 Band 17	QPSK/12T0	23731	5.57	13	PASS
NB1 Band 17	QPSK/12T0	23790	5.59	13	PASS
NB1 Band 17	QPSK/12T0	23849	5.59	13	PASS

### 2.1 For LTE-NB1

#### 2.1.1 Test Band = LTE-NB1 Band 17





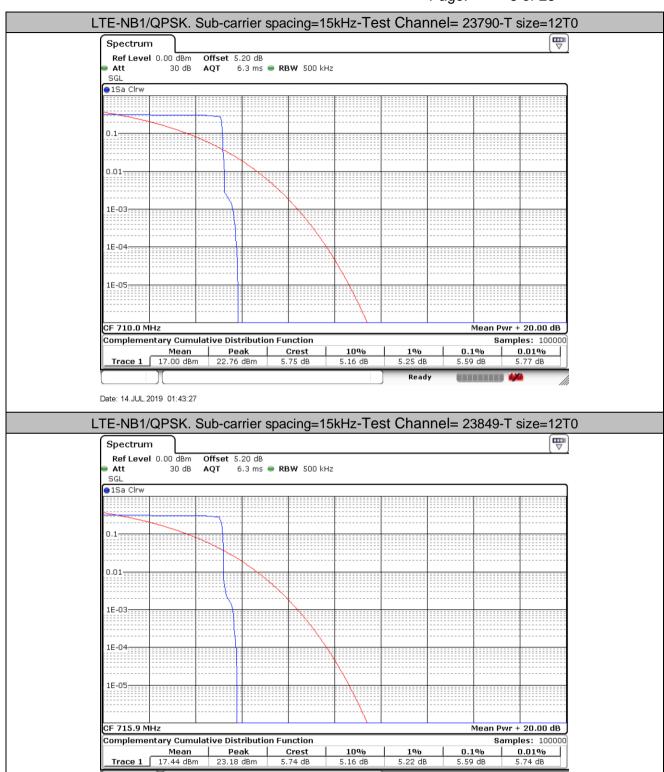
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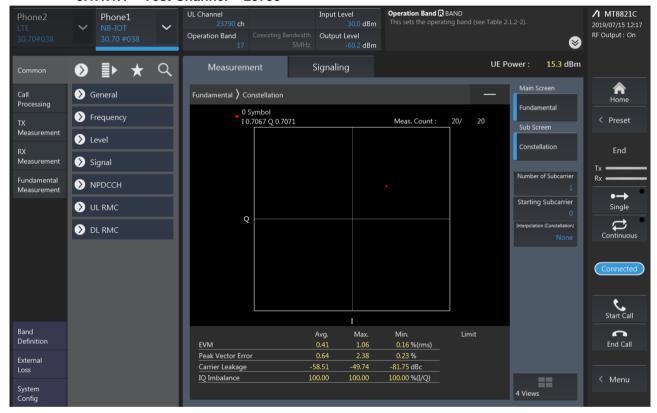
### 3 Modulation Characteristics

### 3.1 For LTE-NB1

#### 3.1.1 Test Band = LTE-NB1 Band 17

3.1.1.1 Test Mode = LTE-NB1/BPSK. Sub-carrier spacing=15kHz.T size=12T0

3.1.1.1.1 Test Channel = 23790





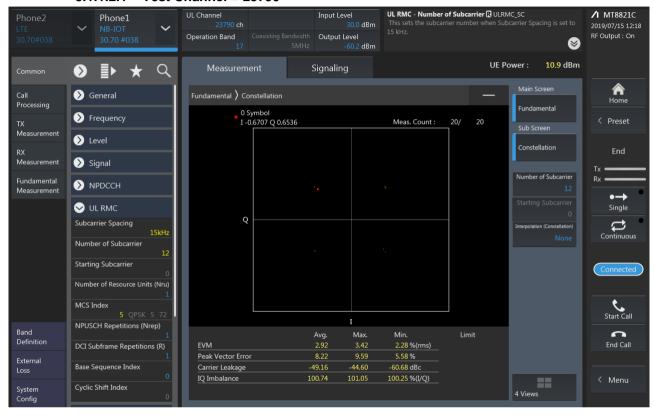


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### 3.1.1.2 Test Mode = LTE-NB1/QPSK. Sub-carrier spacing=15kHz.T size=12T0

#### 3.1.1.2.1 Test Channel = 23790





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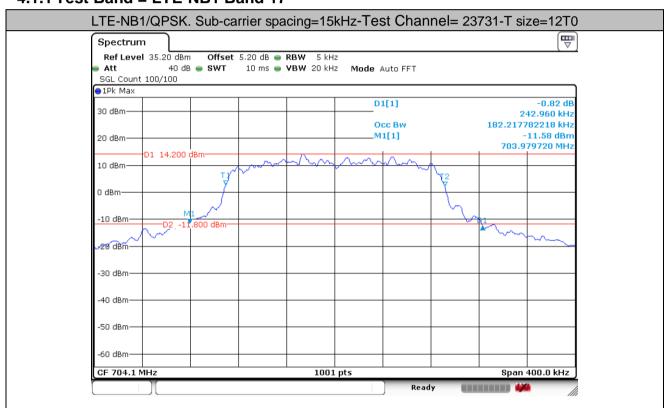
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### 4 Bandwidth

Test Band	Test Mode	T size	Test Channel	Occupied Bandwidth [kHz]	Emission Bandwidth [kHz]	Verdict
NB1 Band 17	QPSK/15kHz	12T0	23731	182.22	242.96	PASS
NB1 Band 17	QPSK/15kHz	12T0	23790	181.42	266.93	PASS
NB1 Band 17	QPSK/15kHz	12T0	23849	181.82	266.13	PASS

#### 4.1 For LTE-NB1

#### 4.1.1 Test Band = LTE-NB1 Band 17





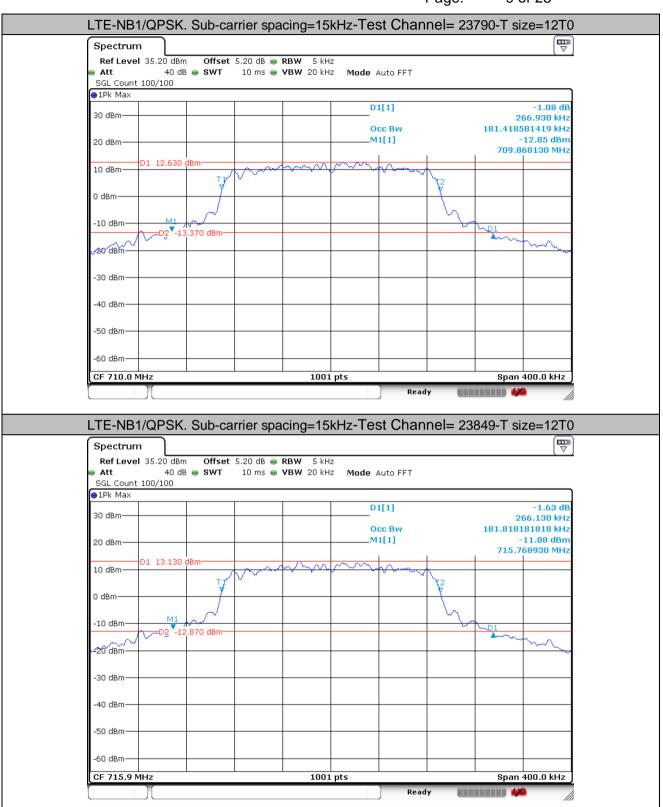
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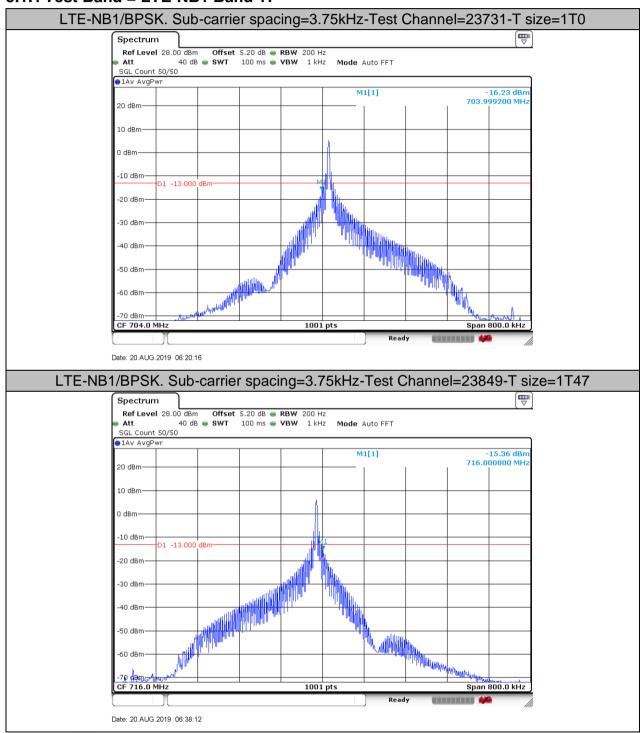
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### 5 Band Edges Compliance

#### 5.1 For LTE-NB1

#### 5.1.1 Test Band = LTE-NB1 Band 17





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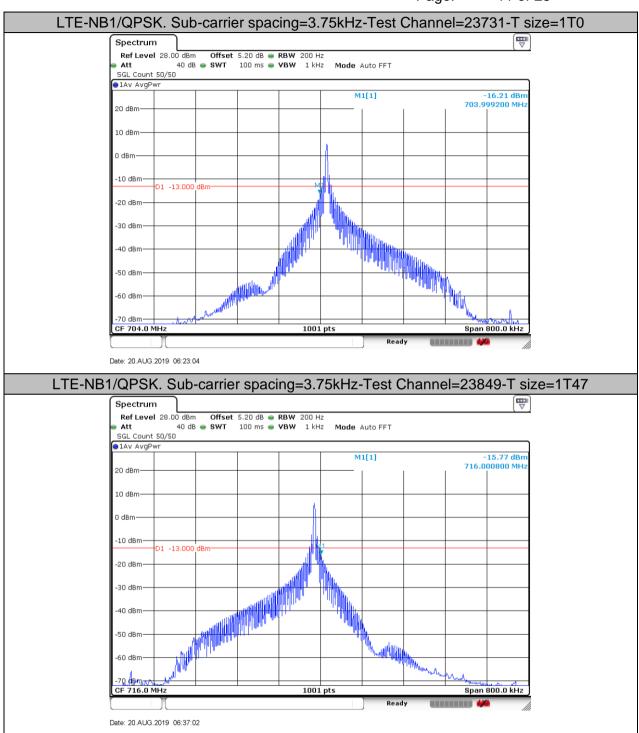
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Page: 11 of 25





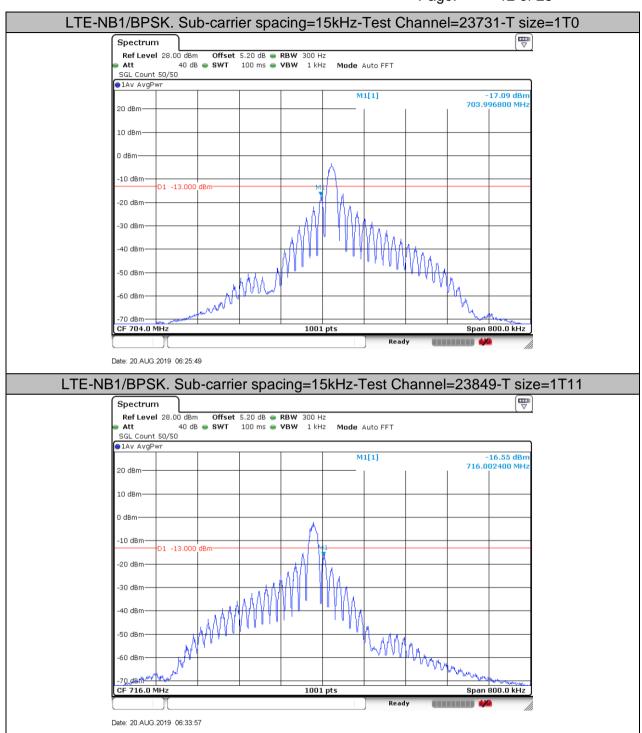
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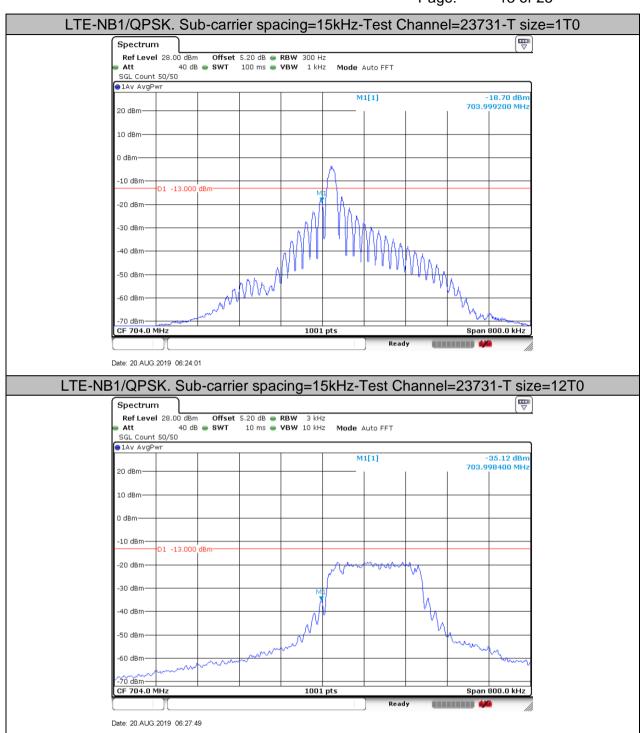
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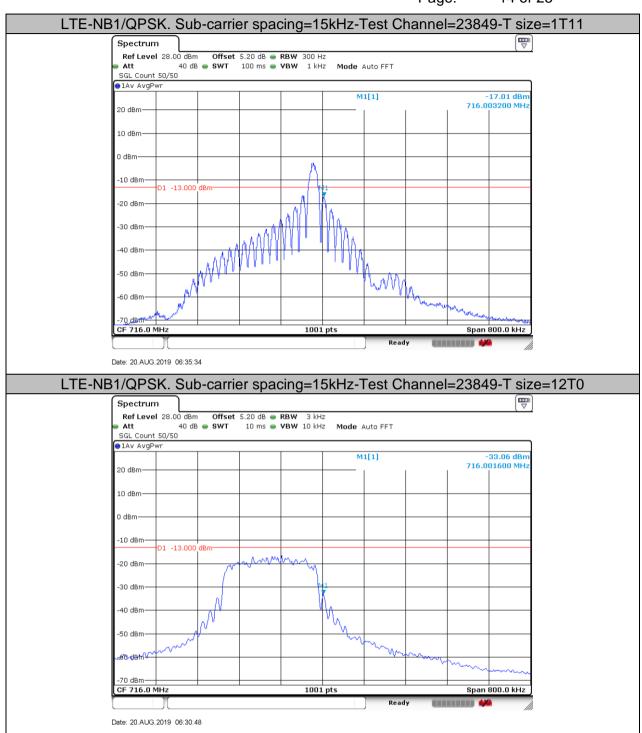
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Page: 14 of 25





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Page: 15 of 25

### 6 Spurious Emission at Antenna Terminal

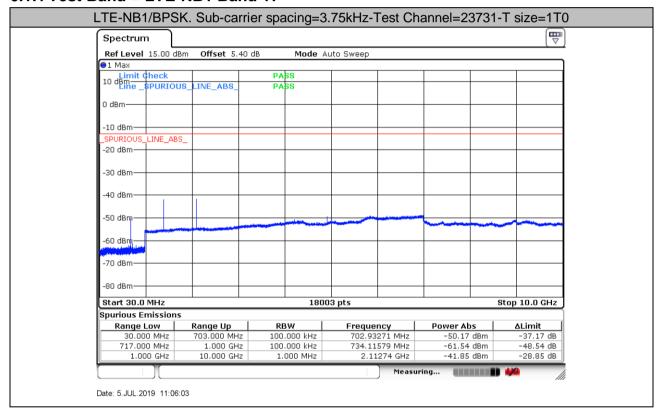
NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k = 4 \* (Span / RBW) when k = 4 \* (Span / RBW) with k = 4 \* (Span / RBW)

NOTE2: only the worst case data displayed in this report.

Part I - Test Plots

#### 6.1 For LTE-NB1

#### 6.1.1 Test Band = LTE-NB1 Band 17





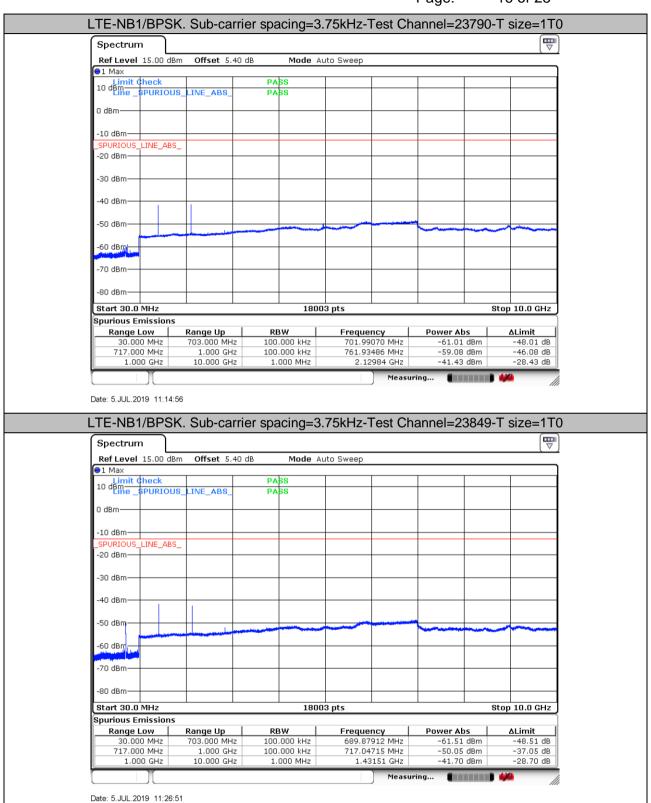
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Report No.: ZR/2019/6003101

Page: 16 of 25





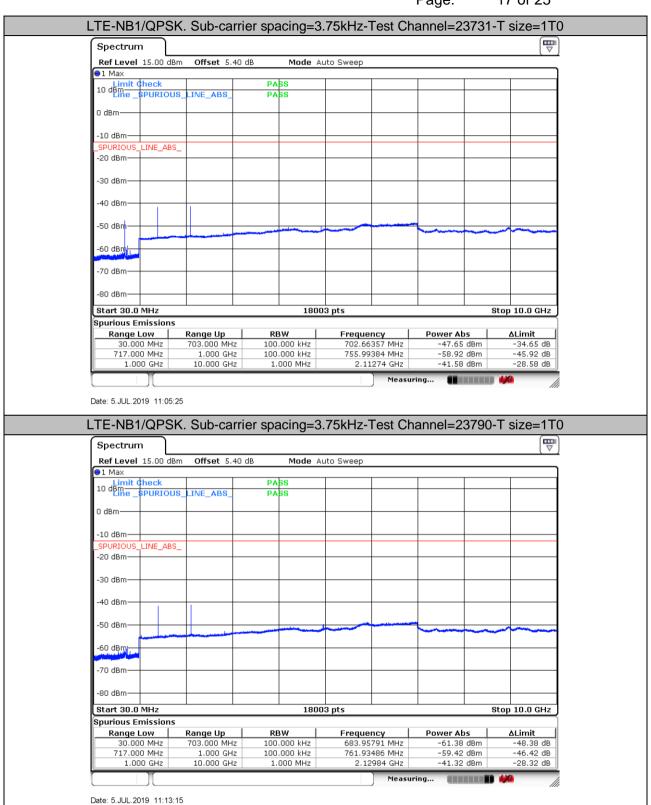
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Report No.: ZR/2019/6003101

Page: 17 of 25





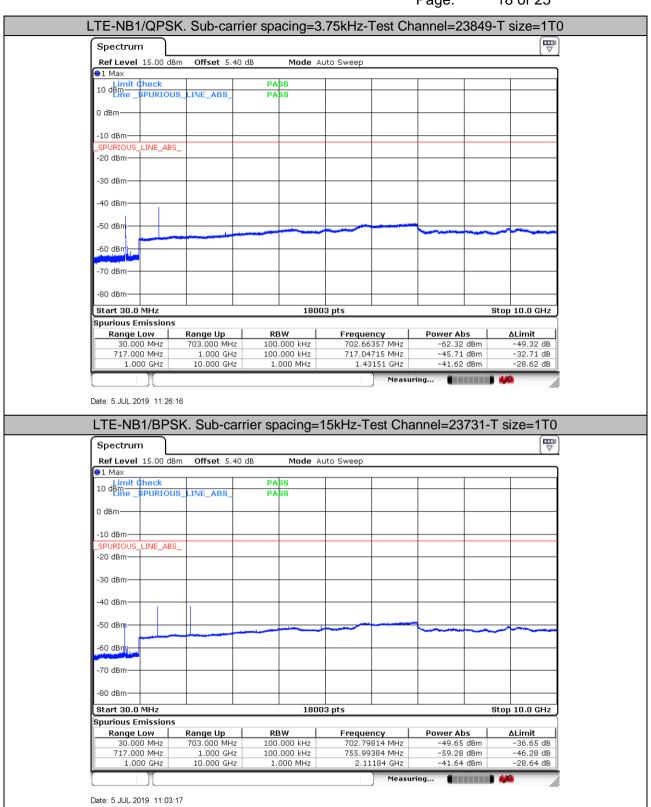
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Report No.: ZR/2019/6003101

Page: 18 of 25





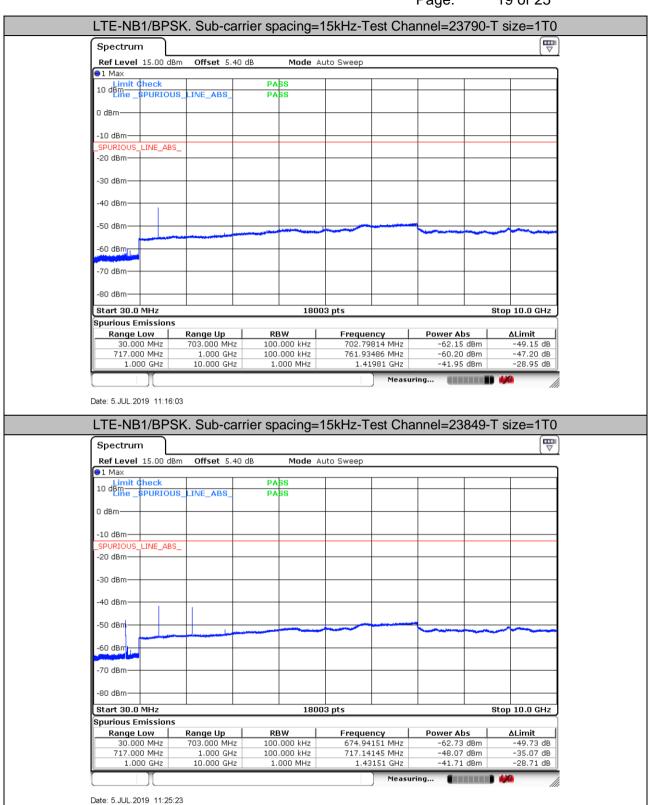
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Report No.: ZR/2019/6003101

Page: 19 of 25





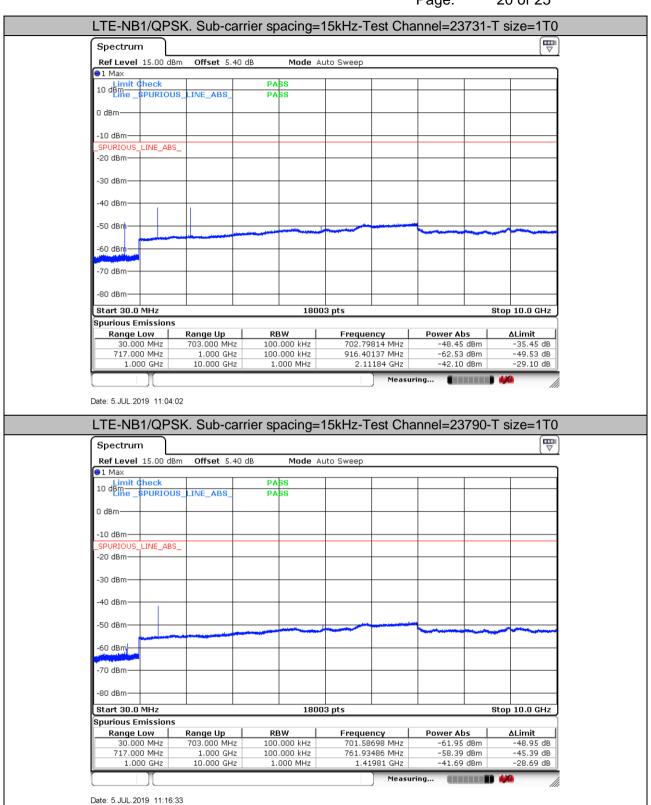
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Page: 20 of 25





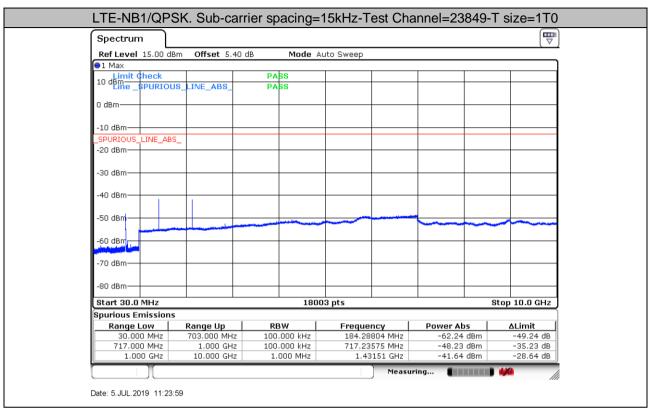
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Page: 22 of 25

## 7 Field Strength of Spurious Radiation 7.1 For LTE-NB1

### 7.1.1 Test Band = LTE-NB1 Band 17

### 7.1.1.1 Test Mode = LTE-NB1/BPSK. Sub-carrier spacing=3.75kHz

#### 7.1.1.1.1 Test Channel = 23731

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
64.253333	-79.94	-13.00	66.94	Vertical
338.373333	-85.02	-13.00	72.02	Vertical
1413.000000	-65.42	-13.00	52.42	Vertical
2270.000000	-59.61	-13.00	46.61	Vertical
3561.112500	-67.85	-13.00	54.85	Vertical
6055.650000	-63.74	-13.00	50.74	Vertical
62.246667	-76.64	-13.00	63.64	Horizontal
258.293333	-86.94	-13.00	73.94	Horizontal
1412.500000	-62.28	-13.00	49.28	Horizontal
2200.000000	-59.67	-13.00	46.67	Horizontal
4905.150000	-65.06	-13.00	52.06	Horizontal
7912.537500	-62.64	-13.00	49.64	Horizontal

### 7.1.1.1.2 Test Channel = 23790

7.1.1.1.2	Tost Offarmer =	_0.00				
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization		
65.280000	-81.06	-13.00	68.06	Vertical		
311.633333	-85.68	-13.00	72.68	Vertical		
1419.500000	-65.61	-13.00	52.61	Vertical		
2103.000000	-62.02	-13.00	49.02	Vertical		
4424.962500	-65.86	-13.00	52.86	Vertical		
7959.337500	-62.58	-13.00	49.58	Vertical		
62.620000	-76.25	-13.00	63.25	Horizontal		
282.886667	-86.06	-13.00	73.06	Horizontal		
1420.000000	-57.09	-13.00	44.09	Horizontal		
2333.500000	-59.28	-13.00	46.28	Horizontal		
3565.500000	-67.27	-13.00	54.27	Horizontal		
6055.650000	-63.88	-13.00	50.88	Horizontal		



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Page: 23 of 25

#### 7.1.1.1.3 Test Channel = 23849

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
124.966667	-85.84	-13.00	72.84	Vertical
352.560000	-84.98	-13.00	71.98	Vertical
1427.000000	-65.50	-13.00	52.50	Vertical
2249.000000	-59.51	-13.00	46.51	Vertical
3728.812500	-67.46	-13.00	54.46	Vertical
6139.500000	-63.98	-13.00	50.98	Vertical
63.973333	-76.65	-13.00	63.65	Horizontal
279.153333	-86.49	-13.00	73.49	Horizontal
1426.500000	-58.21	-13.00	45.21	Horizontal
2651.000000	-58.12	-13.00	45.12	Horizontal
4014.487500	-66.70	-13.00	53.70	Horizontal
7831.125000	-63.10	-13.00	50.10	Horizontal

#### NOTE:

- 1) The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
- 2) only the worst case data presented in this report.



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### 8 Frequency Stability

### 8.1 Frequency Error VS. Voltage

BAND	Band width	Modulation	Channel	Number of T	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	VL	TN	3.90	0.005534	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	VN	TN	-14.38	-0.020419	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	VH	TN	8.96	0.012720	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	VL	TN	-9.96	-0.014026	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	VN	TN	-2.18	-0.003075	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	VH	TN	-4.84	-0.006820	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	VL	TN	10.24	0.014308	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	VN	TN	-13.95	-0.019491	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	VH	TN	-3.76	-0.005252	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	VL	TN	2.74	0.003897	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	VN	TN	-9.50	-0.013487	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	VH	TN	13.03	0.018511	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	VL	TN	3.01	0.004239	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	VN	TN	1.24	0.001746	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	VH	TN	-7.01	-0.009875	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	VL	TN	-10.28	-0.014353	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	VN	TN	1.40	0.001959	±2.5	PASS
NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	VH	TN	-1.87	-0.002606	±2.5	PASS

### 8.2 Frequency Error VS. Temperature

6.2 i requency Error vo. remperature										
BAND	Band width	Modulation	Channel	Number of T	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	-30	-4.10	-0.005823	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	-20	8.91	0.012660	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	0	3.86	0.005477	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	10	7.70	0.010929	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	20	-11.34	-0.016103	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	30	12.56	0.017840	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	40	12.54	0.017811	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23731	12T0	NV	50	-8.40	-0.011928	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	-30	-0.85	-0.001202	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	-20	-13.28	-0.018705	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	0	0.04	0.000060	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	10	-5.49	-0.007729	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	20	3.80	0.005351	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	30	2.76	0.003890	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	40	-3.99	-0.005620	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23790	12T0	NV	50	-0.47	-0.000661	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	-30	3.00	0.004197	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	-20	-2.26	-0.003162	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	0	-11.32	-0.015811	±2.5	PASS
NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	10	-3.93	-0.005490	±2.5	PASS



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Report No.: ZR/2019/6003101

Page: 25 of 25

NB1 Band 17							_				
NB1 Band 17   180KHz   BPSK/15KHz   23849   12T0   NV   40   11.83   0.016522   ±2.5   PASS   NB1 Band 17   180KHz   BPSK/15KHz   23849   12T0   NV   50   -3.16   -0.004414   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   -30   -9.81   -0.013928   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   -20   1.15   0.001633   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   0   3.83   0.005442   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   0   0   3.83   0.005442   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   10   -10.47   -0.014863   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   20   10.81   0.015351   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   30   -11.76   -0.016696   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   40   1.09   0.001544   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   40   1.09   0.001544   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   50   6.60   0.009370   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   -30   1.17   0.001652   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   -20   -9.51   -0.013396   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   0   -13.18   -0.018559   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   0   -13.18   -0.002433   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   20   -1.73   -0.002433   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   40   0.74   0.001042   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   40   0.74   0.001042   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   40   0.74   0.001042   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   40   0.74   0.001042   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   -30   -13	NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	20	7.75	0.010825	±2.5	PASS
NB1 Band 17   180KHz   BPSK/15KHz   23849   12T0   NV   50   -3.16   -0.004414   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   -30   -9.81   -0.013928   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   -20   1.15   0.001633   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   0   3.83   0.005442   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   10   -10.47   -0.014863   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   20   10.81   0.015351   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   30   -11.76   -0.016696   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   30   -11.76   -0.016696   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   40   1.09   0.001544   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   40   1.09   0.001544   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   50   6.60   0.009370   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   -30   1.17   0.001652   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   -20   -9.51   -0.013396   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   0   -13.18   -0.018559   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   0   -13.18   -0.002433   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   20   -1.73   -0.002433   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   30   3.70   0.005206   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   30   3.70   0.005206   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   30   3.70   0.005206   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   30   -13.93   -0.019456   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   -20   8.59   0.012002   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   -20	NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	30	5.12	0.007148	±2.5	PASS
NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   -30   -9.81   -0.013928   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   -20   1.15   0.001633   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   0   3.83   0.005442   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   10   -10.47   -0.014863   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   20   10.81   0.015351   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   30   -11.76   -0.016696   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   30   -11.76   -0.016696   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   40   1.09   0.001544   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   40   1.09   0.001544   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23731   12T0   NV   50   6.60   0.009370   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   -30   1.17   0.001652   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   -20   -9.51   -0.013396   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   0   -13.18   -0.018559   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   0   -13.18   -0.018559   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   20   -1.73   -0.002433   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   30   3.70   0.005206   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   30   3.70   0.005206   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   40   0.74   0.001042   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23790   12T0   NV   40   0.74   0.001042   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   50   9.43   -0.013282   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   50   -9.43   -0.0008237   ±2.5   PASS   NB1 Band 17   180KHz   QPSK/15KHz   23849   12T0   NV   50   -9.	NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	40	11.83	0.016522	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         -20         1.15         0.001633         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         0         3.83         0.005442         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         10         -10.47         -0.014863         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         20         10.81         0.015351         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         30         -11.76         -0.016696         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         40         1.09         0.001544         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.09370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         <	NB1 Band 17	180KHz	BPSK/15KHz	23849	12T0	NV	50	-3.16	-0.004414	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         0         3.83         0.005442         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         10         -10.47         -0.014863         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         20         10.81         0.015351         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         30         -11.76         -0.016696         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         40         1.09         0.001544         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.009370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.01396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	-30	-9.81	-0.013928	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         10         -10.47         -0.014863         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         20         10.81         0.015351         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         30         -11.76         -0.016696         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         40         1.09         0.001544         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.009370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -30         1.17         0.001652         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	-20	1.15	0.001633	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         20         10.81         0.015351         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         30         -11.76         -0.016696         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         40         1.09         0.001544         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.009370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -30         1.17         0.001652         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	0	3.83	0.005442	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         30         -11.76         -0.016696         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         40         1.09         0.001544         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.009370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -30         1.17         0.001652         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.018559         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	10	-10.47	-0.014863	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         40         1.09         0.001544         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.009370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -30         1.17         0.001652         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.018559         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	20	10.81	0.015351	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23731         12T0         NV         50         6.60         0.009370         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -30         1.17         0.001652         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.018559         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	30	-11.76	-0.016696	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -30         1.17         0.001652         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.018559         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	40	1.09	0.001544	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         -20         -9.51         -0.013396         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.018559         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23731	12T0	NV	50	6.60	0.009370	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         0         -13.18         -0.018559         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	-30	1.17	0.001652	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         10         5.30         0.007471         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	-20	-9.51	-0.013396	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         20         -1.73         -0.002433         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	0	-13.18	-0.018559	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         30         3.70         0.005206         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	10	5.30	0.007471	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         40         0.74         0.001042         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         20         -6.43         -0.008981         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	20	-1.73	-0.002433	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23790         12T0         NV         50         -9.43         -0.013282         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         20         -6.43         -0.008981         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	30	3.70	0.005206	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -30         -13.93         -0.019456         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         20         -6.43         -0.008981         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	40	0.74	0.001042	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         -20         8.59         0.012002         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         20         -6.43         -0.008981         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23790	12T0	NV	50	-9.43	-0.013282	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         0         5.90         0.008237         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         20         -6.43         -0.008981         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	-30	-13.93	-0.019456	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         10         -5.72         -0.007994         ±2.5         PASS           NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         20         -6.43         -0.008981         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	-20	8.59	0.012002	±2.5	PASS
NB1 Band 17	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	0	5.90	0.008237	±2.5	PASS
	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	10	-5.72	-0.007994	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         30         -9.41         -0.013147         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	20	-6.43	-0.008981	±2.5	PASS
	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	30	-9.41	-0.013147	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         40         -9.09         -0.012694         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	40	-9.09	-0.012694	±2.5	PASS
NB1 Band 17         180KHz         QPSK/15KHz         23849         12T0         NV         50         1.68         0.002351         ±2.5         PASS	NB1 Band 17	180KHz	QPSK/15KHz	23849	12T0	NV	50	1.68	0.002351	±2.5	PASS

The End



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