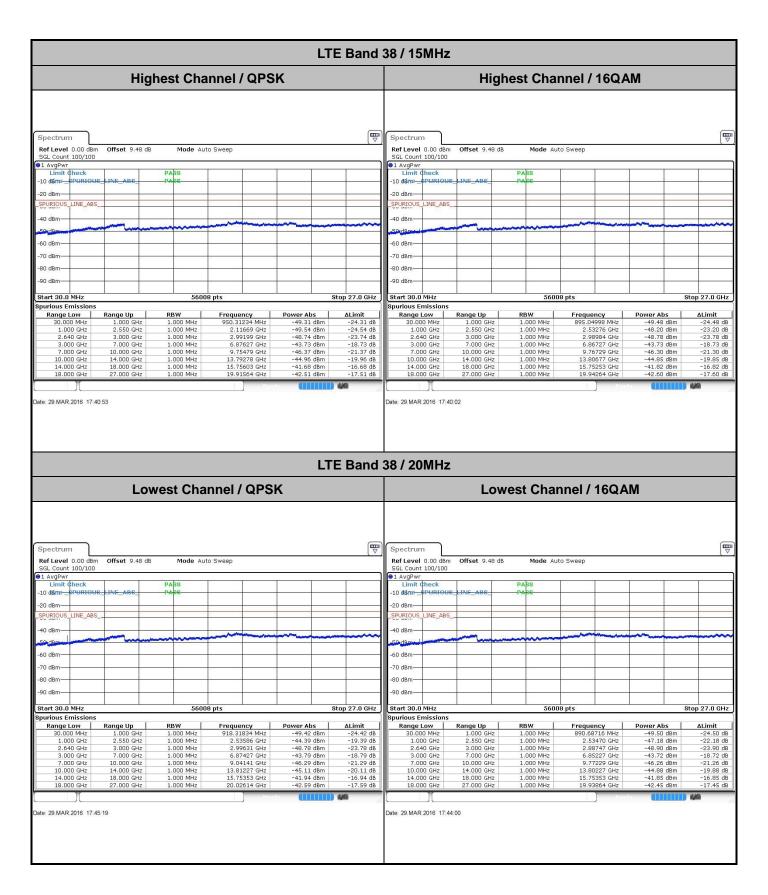
LTE Band 38 / 15MHz **Lowest Channel / QPSK Lowest Channel / 16QAM W** Spectrum Spectrum Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep Count 100/100 Count 100/100 10 d&me -20 dBm -20 dBm SPURIOUS SPURIOUS -60 dBm -60 dBm 70 dBn 80 dBm -80 dBm 90 dBm 90 dBm-Start 30.0 MH; 560 Stop 27.0 GHz Start 30.0 MHz 56008 27.0 GHz rious Emission Spurious Emissions RBW

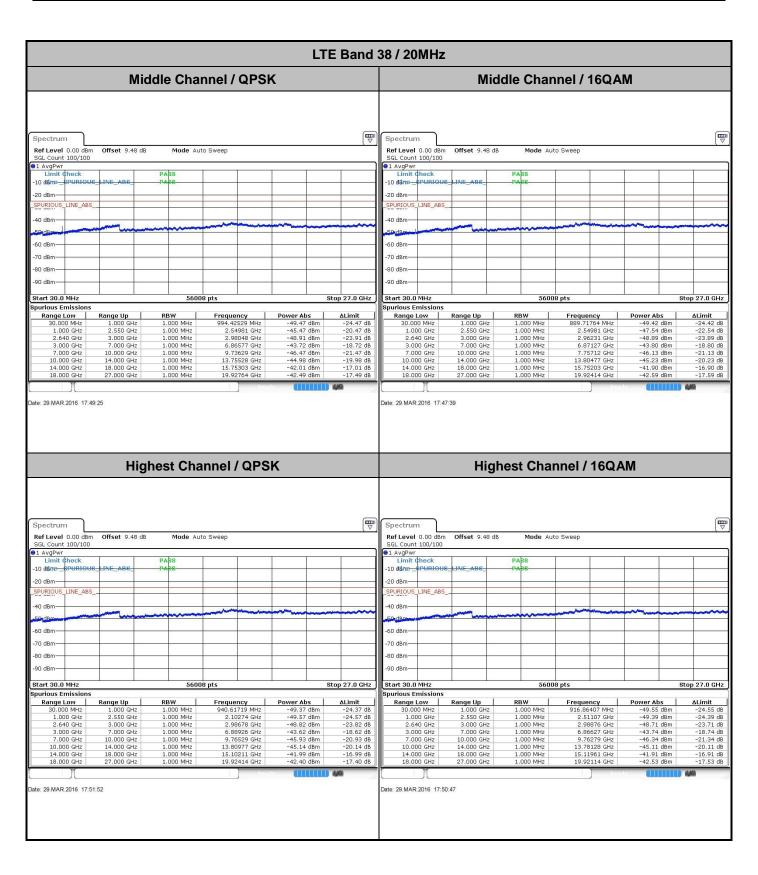
1.000 MHz
1.000 MHz Power Abs
-49.49 dBm
-41.10 dBm
-48.58 dBm
-43.73 dBm
-46.01 dBm
-44.79 dBm ΔLimit
-24.49 dB
-16.10 dB
-23.58 dB
-18.73 dB
-21.01 dB
-19.79 dB Range Up RBW 1.000 MHz 1.000 MHz 1.000 MHz 902.80610 MHz 2.54438 GHz 2.98696 GHz 6.86527 GHz -49.54 dBm -45.59 dBm -48.87 dBm Range Low 30,000 MHz Frequency 953.70565 MHz Range Low 30,000 MHz ∆Limit -24.54 ΔLimit
-24.54 dB
-20.59 dB
-23.87 dB
-18.83 dB
-21.38 dB
-20.21 dB
-16.56 dB
-17.35 dB 1.000 GHz 2.550 GHz 3.000 GHz 1.000 GHz 2.550 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 2.54438 GHz 2.99361 GHz 1.000 GHz 2.640 GHz 1.000 GHz 2.640 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz -48.87 dBm -43.83 dBm -46.38 dBm -45.21 dBm -41.56 dBm -42.35 dBm .000 MH 3.000 GHz 7.000 GH 10.000 GHz 14.000 GHz 9.78329 GHz 13.82477 GHz 10.000 GHz .000 MH: 18.000 GHz 27.000 GHz -16.91 dB -17.58 dB 18.000 GHz 27.000 GHz .000 MHz .000 MHz 15.75603 GHz 19.91914 GHz 18.000 GHz ate: 29.MAR.2016 17:41:58 Date: 29.MAR.2016 17:42:51 Middle Channel / QPSK Middle Channel / 16QAM Spectrum Spectrum Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep GL Count 100/100 GL Count 100/100 1 AvgPwr Limit Check 1 AvgPwr Limit ¢heck -10 d&me 10 dame -20 dBm -20 dBm _LINE_ABS LINE_ABS SPURIOUS SPURIOUS 40 dBm 40 dBm 60 dBn 60 dBm 70 dBm 70 dBm -80 dBm -80 dBm 90 dBm 90 dBm Stop 27.0 GHz Stop 27.0 GHz Start 30.0 MHz 56008 pts Start 30.0 MHz 56008 pts Spurious Emissions rious Emission Power Abs
-49.38 dBm
-49.46 dBm
-48.93 dBm
-43.60 dBm
-46.22 dBm
-45.09 dBm
-42.04 dBm
-42.52 dBm ΔLimit
-24.38 dB
-24.46 dB
-23.93 dB
-18.60 dB
-21.22 dB
-20.09 dB
-17.04 dB
-17.52 dB ange Up 1.000 GHz 2.550 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 27.000 GHz Range Low on noo MHz Range Low 30.000 MHz Range Up 1.000 GHz 2.550 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 27.000 GHz 2.14342 GHz 2.14342 GHz 2.97292 GHz 6.88026 GHz 9.74229 GHz 13.78928 GHz 15.73303 GHz 19.92714 GHz Date: 29.MAR.2016 17:38:57 Date: 29.MAR.2016 17:37:00

SPORTON INTERNATIONAL (KUNSHAN) INC.

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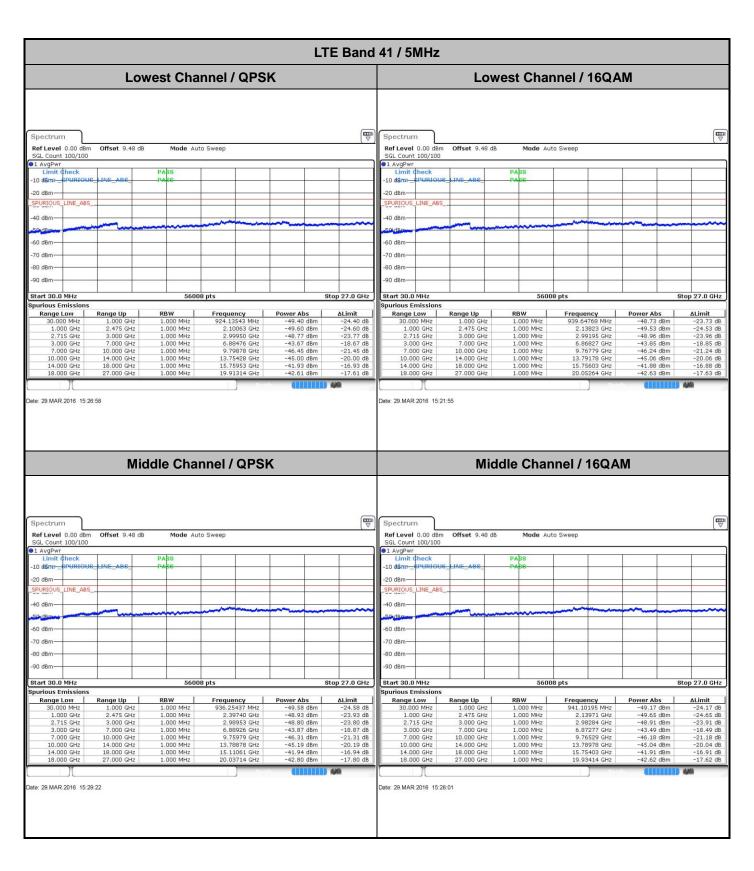


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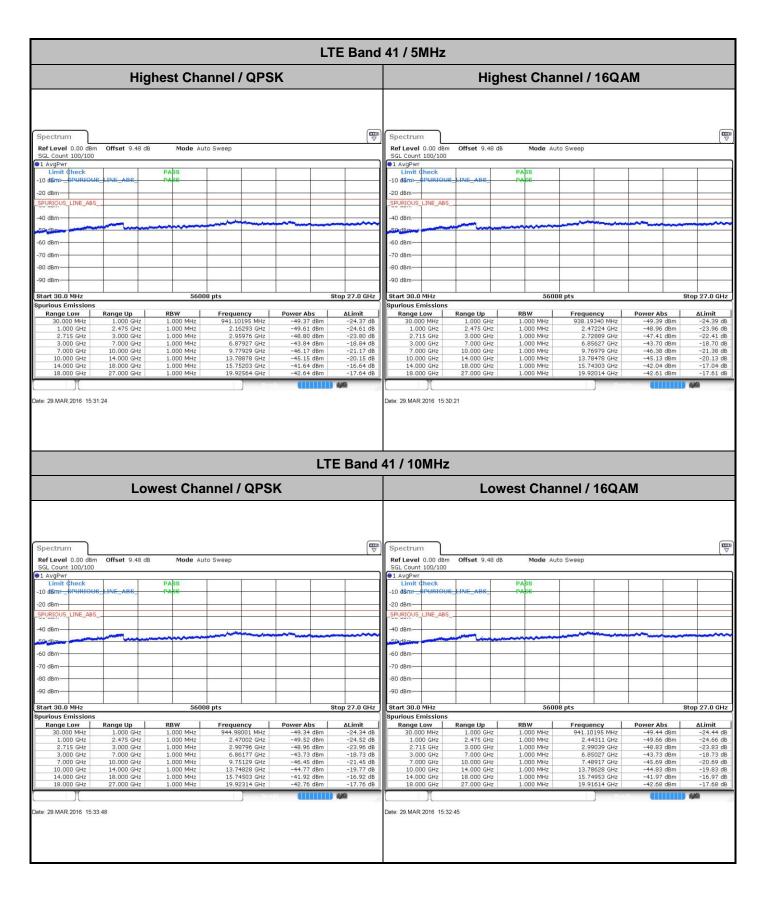


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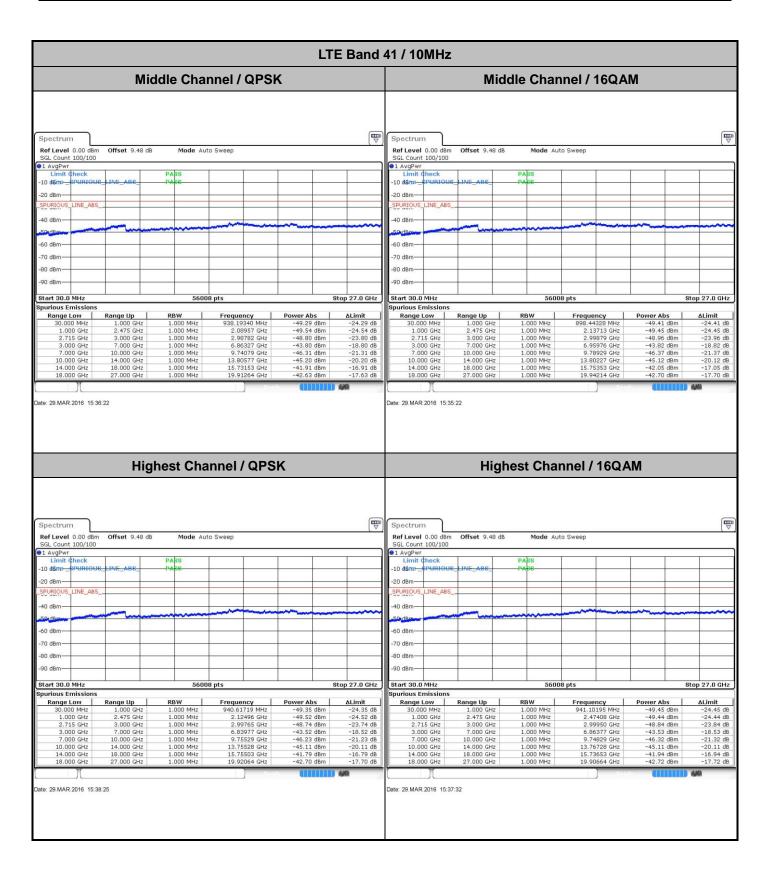
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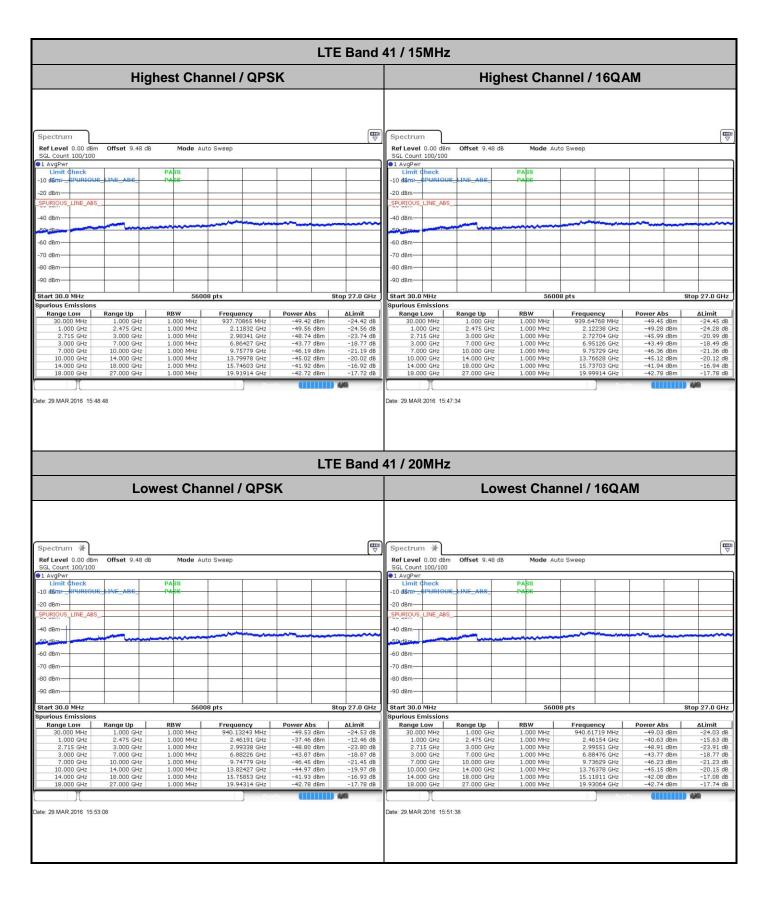


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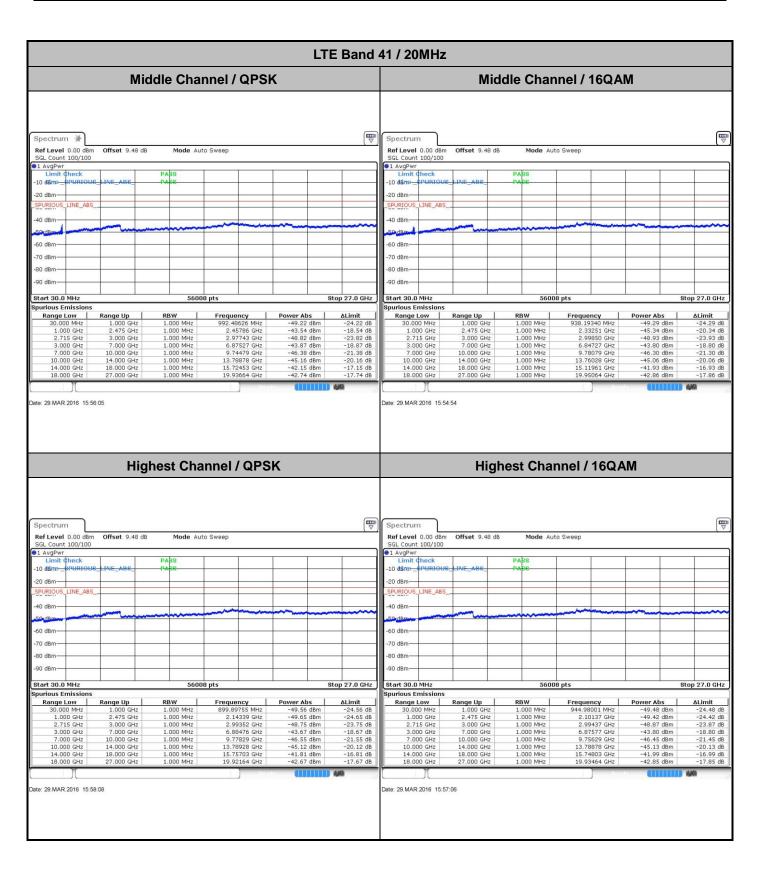
LTE Band 41 / 15MHz **Lowest Channel / QPSK Lowest Channel / 16QAM B** Spectrum * Spectrum Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep GL Count 100/100 GL Count 100/100 20 dBm -20 dBm SPURIOU 40 dBm -60 dBm -60 dBm 70 dBm 80 dBm -80 dBm 90 dBm-90 dBm-Start 30.0 MH 560 Stop 27.0 GHz Start 30.0 MHz 56008 Stop 27.0 GHz rious Emissions Spurious Emissions 938.19340 MHz 2.47076 GHz 2.95521 GHz 6.86277 GHz 7.49017 GHz 13.74478 GHz 15.75553 GHz 19.92714 GHz RBW
1.000 MHz
1.000 MHz 939.64768 MHz 2.47039 GHz 2.99993 GHz Range Low 30,000 MH: Range Up ΔLimit
-23.75 dB
-12.29 dB
-23.95 dB
-18.80 dB
-21.46 dB
-20.04 dB
-17.02 dB
-17.62 dB -49.25 dBm -40.17 dBm -48.80 dBm -43.69 dBm -45.55 dBm -45.16 dBm -41.82 dBm -42.73 dBm -48.75 dBm -37.29 dBm -48.95 dBm -43.80 dBm -46.46 dBm -45.04 dBm -42.02 dBm -42.62 dBm 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz 1.000 MHz 1.000 GHz 2.475 GHz 3.000 GHz 2.715 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 7.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz 10.000 GHz ate: 29.MAR.2016 15:43:53 ate: 29.MAR.2016 15:39:37 Middle Channel / QPSK Middle Channel / 16QAM Spectrum Spectrum Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep Ref Level 0.00 dBm Offset 9.48 dB Mode Auto Sweep Count 100/100 GL Count 100/100 1 AvgPwr Limit Check 1 AvgPwr Limit Ch 20 dBm -20 dBm PURIOU SPURIOUS 40 dBm 40 dBm 60 dBm 60 dBm 70 dBm -70 dBm 80 dBm -80 dBm 90 dBm 90 dBm Stop 27.0 GHz Start 30.0 MHz Stop 27.0 GHz Start 30.0 MHz 56008 pts 56008 pts Spurious Emissions rious Emissio Frequency 909.59270 MHz 2.11058 GHz 2.90977 GHz 6.86927 GHz 9.74529 GHz 13.79128 GHz 15.74903 GHz 19.93314 GHz 1.000 GHz 2.475 GHz 3.000 GHz 7.000 GHz 10.000 GHz 14.000 GHz 18.000 GHz 27.000 GHz Range Low 30.000 MHz Range Low 30.000 MHz ite: 29.MAR.2016 15:46:23 ate: 29.MAR.2016 15:45:19

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Frequency Stability

Test (Conditions	LTE Band 5 (QPSK) / Middle Channel	Limit
_		BW 10MHz	2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0025	
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0012	PASS
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0006	

Note:

- 1. Normal Voltage = 3.82 V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.2 V
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

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Test 0	Conditions	LTE Band 7 (QPSK) / Middle Channel	Limit
		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0047	
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0008	PASS
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0003	
20	Battery End Point	0.0013	

Note:

- 1. Normal Voltage = 3.82 V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.2 V
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

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Test 0	Conditions	LTE Band 38 (QPSK) / Middle Channel	Limit
_		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0018	
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0015	PASS
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0003	

Note:

- 1. Normal Voltage = 3.82V. ; Battery End Point (BEP) = 3.7V. ; Maximum Voltage =4.2 V
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

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Test (Conditions	LTE Band 41 (QPSK) / Middle Channel	Limit
		BW 10MHz	Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0027	
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0006	PASS
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0008	

Note:

- 1. Normal Voltage = 3.82V. ; Battery End Point (BEP) = 3.7 V.; Maximum Voltage =4.2 V
- 2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

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Appendix B. Test Results of Radiated Test

ERP/EIRP

	LTE Band 5 / 1.4MHz (Average)								
Channel	Modulation	F	RB	Horiz	ontal	Vertical			
Chamilei	Wiodulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)		
Lowest		3	0	19.47	0.0885	5.68	0.0037		
Middle	QPSK	3	0	19.39	0.0869	6.42	0.0044		
Highest		1	3	19.65	0.0923	7.16	0.0052		
Lowest		1	3	18.63	0.0729	4.87	0.0031		
Middle	16QAM	1	3	18.54	0.0714	5.53	0.0036		
Highest		1	5	19.10	0.0813	6.67	0.0046		
Limit	ERP < 7W			Res	sult	PASS			

LTE Band 5 / 3MHz (Average)								
Channal	Madulation	F	RB	Horiz	ontal	Vert	ical	
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)	
Lowest		1	8	19.60	0.0912	5.90	0.0039	
Middle	QPSK	1	8	19.39	0.0869	6.36	0.0043	
Highest		1	8	19.27	0.0845	6.70	0.0047	
Lowest		1	8	18.78	0.0755	5.07	0.0032	
Middle	16QAM	1	8	18.60	0.0724	5.56	0.0036	
Highest		1	14	19.09	0.0811	6.63	0.0046	
Limit	ERF	P < 7W		Res	sult	PAS	SS	

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	LTE Band 5 / 5MHz (Average)								
Channel	Modulation	F	RB	Horizo	ontal	Vertical			
Channel	Wodulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)		
Lowest		1	0	19.59	0.0910	5.75	0.0038		
Middle	QPSK	1	0	19.37	0.0865	6.44	0.0044		
Highest		1	24	19.64	0.0920	7.15	0.0052		
Lowest		1	12	18.68	0.0738	4.98	0.0031		
Middle	16QAM	1	0	18.51	0.0710	5.58	0.0036		
Highest		1	24	18.95	0.0785	6.49	0.0045		
Limit	ERP < 7W		Result		PASS				

LTE Band 5 / 10MHz (Average)								
Channal	Modulation	F	RB	Horiz	ontal	Vertical		
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)	
Lowest		1	0	19.65	0.0923	5.79	0.0038	
Middle	QPSK	1	0	18.06	0.0640	4.82	0.0030	
Highest		1	0	19.38	0.0867	6.47	0.0044	
Lowest		1	0	18.72	0.0745	4.92	0.0031	
Middle	16QAM	1	0	17.58	0.0573	4.33	0.0027	
Highest		1	25	17.61	0.0577	5.08	0.0032	
Limit	ERP < 7W			Res	sult	PASS		

	LTE Band 7 / 5MHz (Average)								
Channel	Modulation	F	RB	Horizontal		Vertical			
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)		
Lowest		1	12	22.30	0.1698	22.02	0.1592		
Middle	QPSK	1	0	22.51	0.1782	22.51	0.1782		
Highest		1	24	22.34	0.1714	22.32	0.1706		
Lowest		1	12	21.59	0.1442	21.31	0.1352		
Middle	16QAM	1	0	21.80	0.1514	21.66	0.1466		
Highest		1	12	21.53	0.1422	21.48	0.1406		
Limit	EIRF	P < 2W		Res	sult	PAS	SS		

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	LTE Band 7 / 10MHz (Average)								
Channel	Modulation	F	RB	Horizo	ontal	Vert	Vertical		
Channel	Wiodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)		
Lowest		1	49	22.44	0.1754	21.94	0.1563		
Middle	QPSK	1	0	22.78	0.1897	22.60	0.1820		
Highest		1	49	22.46	0.1762	22.44	0.1754		
Lowest		1	49	21.74	0.1493	21.25	0.1334		
Middle	16QAM	1	0	21.88	0.1542	21.74	0.1493		
Highest		1	49	21.53	0.1422	21.50	0.1413		
Limit	EIRP < 2W		Result		PASS				

	LTE Band 7 / 15MHz (Average)								
Channel	Modulation	F	RB	Horiz	ontal	Vertical			
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)		
Lowest		1	74	22.09	0.1618	21.60	0.1445		
Middle	QPSK	1	0	22.81	0.1910	22.67	0.1849		
Highest		1	74	22.53	0.1791	22.52	0.1786		
Lowest		1	74	21.40	0.1380	20.92	0.1236		
Middle	16QAM	1	0	21.89	0.1545	21.75	0.1496		
Highest		1	74	21.57	0.1435	21.53	0.1422		
Limit	EIRP < 2W			Res	sult	PASS			

	LTE Band 7 / 20MHz (Average)								
Channel	Modulation	F	RB	Horizo	ontal	Vertical			
Channel	Wiodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)		
Lowest		1	0	22.36	0.1722	22.16	0.1644		
Middle	QPSK	1	0	22.83	0.1919	22.65	0.1841		
Highest		1	0	22.60	0.1820	21.84	0.1528		
Lowest		1	99	22.31	0.1702	21.85	0.1531		
Middle	16QAM	1	0	22.00	0.1585	21.81	0.1517		
Highest		1	99	21.64	0.1459	21.55	0.1429		
Limit	EIRP < 2W		Result		PASS				

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	LTE Band 38 / 5MHz (Average)											
Channel	Modulation	RB		Horizo	ontal	Vert	ical					
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.44	0.1754	22.38	0.1730					
Middle	QPSK	1	0	22.95	0.1972	22.69	0.1858					
Highest		1	12	22.70	0.1862	22.63	0.1832					
Lowest		1	0	21.64	0.1459	21.56	0.1432					
Middle	16QAM	1	0	22.02	0.1592	21.78	0.1507					
Highest		1	12	21.78	0.1507	21.71	0.1483					
Limit	EIRP < 2W			Res	ult	PASS						

	LTE Band 38 / 10MHz (Average)											
Channel	Modulation	RB		Horiz	ontal	Vert	ical					
Channel	Wiodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.52	0.1786	22.46	0.1762					
Middle	QPSK	1	0	23.12	0.2051	22.77	0.1892					
Highest		1	0	22.78	0.1897	22.86	0.1932					
Lowest		1	0	21.48	0.1406	21.41	0.1384					
Middle	16QAM	1	0	22.06	0.1607	21.71	0.1483					
Highest		1	0	21.91	0.1552	21.97	0.1574					
Limit	EIRP < 2W			Res	sult	PASS						

	LTE Band 38 / 15MHz (Average)											
Channal	Modulation	F	RB	Horiz	ontal	Vert	ical					
Channel	Woddiation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.46	0.1762	22.37	0.1726					
Middle	QPSK	1	37	22.96	0.1977	22.82	0.1914					
Highest		1	0	22.81	0.1910	22.93	0.1963					
Lowest		1	0	21.44	0.1393	21.37	0.1371					
Middle	16QAM	1	0	22.31	0.1702	21.90	0.1549					
Highest		1	0	22.03	0.1596	22.15	0.1641					
Limit	EIRI	o < 2W		Res	sult	PASS						

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	LTE Band 38 / 20MHz (Average)											
Channel	Modulation	RB		Horiz	ontal	Vert	ical					
Channel	Woddiation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.47	0.1766	22.37	0.1726					
Middle	QPSK	1	0	23.00	0.1995	22.55	0.1799					
Highest		1	0	22.69	0.1858	22.78	0.1897					
Lowest		1	0	21.60	0.1445	21.67	0.1469					
Middle	16QAM	1	0	22.20	0.1660	21.73	0.1489					
Highest		1	0	21.66	0.1466	21.75	0.1496					
Limit	EIRP < 2W			Res	sult	PASS						

	LTE Band 41 / 5MHz (Average)											
Channel	Modulation	RB		Horiz	ontal	Vert	ical					
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	12	22.65	0.1841	22.52	0.1786					
Middle	QPSK	1	12	23.01	0.2000	22.72	0.1871					
Highest		1	12	22.74	0.1879	22.32	0.1706					
Lowest		1	12	21.72	0.1486	21.66	0.1466					
Middle	16QAM	1	12	22.17	0.1648	21.90	0.1549					
Highest		1	12	21.82	0.1521	21.40	0.1380					
Limit	EIRP < 2W			Res	sult	PASS						

	LTE Band 41 / 10MHz (Average)											
Channel	Modulation	RB		Horizo	ontal	Vert	ical					
Channel	Woddiation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.44	0.1754	22.44	0.1754					
Middle	QPSK	1	0	22.97	0.1982	22.55	0.1799					
Highest		1	0	22.79	0.1901	22.34	0.1714					
Lowest		1	0	21.39	0.1377	21.33	0.1358					
Middle	16QAM	1	0	21.94	0.1563	21.55	0.1429					
Highest		1	0	21.86	0.1535	21.31	0.1352					
Limit	EIRP < 2W			Res	sult	PASS						

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		L	TE Band	41 / 15MHz (Ave	erage)			
Channel	Modulation	RB		Horizo	ontal	Vert	ical	
Channel	Wiodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)	
Lowest		1	0	22.58	0.1811	22.47	0.1766	
Middle	QPSK	1	37	22.92	0.1959	22.67	0.1849	
Highest		1	0	22.71	0.1866	22.34	0.1714	
Lowest		1	0	21.92	0.1556	21.80	0.1514	
Middle	16QAM	1	37	22.02	0.1592	21.58	0.1439	
Highest		1	0	21.92	0.1556	21.53	0.1422	
Limit	EIRP < 2W			Res	sult	PASS		

	LTE Band 41 / 20MHz (Average)											
Channel	Modulation	RB		Horiz	ontal	Vert	ical					
Channel	Wodulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.63	0.1832	22.53	0.1791					
Middle	QPSK	1	0	23.00	0.1995	22.51	0.1782					
Highest		1	0	22.63	0.1832	22.40	0.1738					
Lowest		1	0	21.88	0.1542	21.76	0.1500					
Middle	16QAM	1	0	22.15	0.1641	21.72	0.1486					
Highest		1	0	21.81	0.1517	21.55	0.1429					
Limit	EIRP < 2W			Res	sult	PASS						

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Radiated Spurious Emission

			LTE Band 5	/ 1.4MHz / C	PSK / RB S	ize 1 Offset ()		
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
	1671.92	-62.51	-13	-49.51	-70.08	-69.19	0.57	9.40	Н
	2507.88	-58.34	-13	-45.34	-70.62	-66.05	0.74	10.60	Н
Middle	3343.84	-56.22	-13	-43.22	-71.82	-65.82	0.85	12.60	Н
Middle	1671.92	-63.01	-13	-50.01	-69.84	-69.69	0.57	9.40	V
	2507.88	-58.86	-13	-45.86	-70.36	-66.57	0.74	10.60	V
	3343.84	-57.41	-13	-44.41	-72.02	-67.01	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

	LTE Band 5 / 3MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	1670.66	-61.93	-13	-48.93	-69.50	-68.61	0.57	9.40	Н				
	2505.99	-58.76	-13	-45.76	-71.04	-66.47	0.74	10.60	Н				
Middle	3341.32	-56.28	-13	-43.28	-71.88	-65.88	0.85	12.60	Н				
Middle	1670.66	-62.70	-13	-49.70	-69.53	-69.38	0.57	9.40	V				
	2505.99	-59.00	-13	-46.00	-70.50	-66.71	0.74	10.60	V				
	3341.32	-57.77	-13	-44.77	-72.38	-67.37	0.85	12.60	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

			LTE Band	5 / 5MHz / Q	PSK / RB Si	ze 1 Offset 0			
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
	1668.68	-62.42	-13	-49.42	-69.99	-69.10	0.57	9.40	Н
	2503.02	-58.28	-13	-45.28	-70.56	-65.99	0.74	10.60	Н
Middle	3337.36	-55.75	-13	-42.75	-71.35	-65.35	0.85	12.60	Н
Middle	1668.68	-63.06	-13	-50.06	-69.89	-69.74	0.57	9.40	V
	2503.02	-59.28	-13	-46.28	-70.78	-66.99	0.74	10.60	V
	3337.36	-57.67	-13	-44.67	-72.28	-67.27	0.85	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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	LTE Band 5 / 10MHz / QPSK / RB Size 1 Offset 0											
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	1664.18	-62.42	-13	-49.42	-69.99	-69.10	0.57	9.40	Н			
	2496.27	-58.16	-13	-45.16	-70.44	-65.87	0.74	10.60	Н			
Middle	3328.36	-57.27	-13	-44.27	-72.87	-66.87	0.85	12.60	Н			
Middle	1664.18	-62.32	-13	-49.32	-69.15	-69.00	0.57	9.40	V			
	2496.27	-59.04	-13	-46.04	-70.54	-66.75	0.74	10.60	V			
	3328.36	-57.31	-13	-44.31	-71.92	-66.91	0.85	12.60	V			

	LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5065.68	-50.73	-25.00	-25.73	-72.96	-62.48	0.95	12.70	Н				
	7598.52	-47.58	-25.00	-22.58	-75.15	-57.59	1.69	11.70	Н				
Middle	10131.36	-45.46	-25.00	-20.46	-76.40	-55.93	1.63	12.10	Н				
ivildale	5065.68	-51.43	-25.00	-26.43	-73.15	-63.18	0.95	12.70	V				
	7598.52	-47.95	-25.00	-22.95	-75.37	-57.96	1.69	11.70	V				
	10131.36	-47.28	-25.00	-22.28	-77.18	-57.75	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

	LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0											
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)			
	5061.18	-49.95	-25.00	-24.95	-72.18	-61.70	0.95	12.70	Н			
	7591.77	-47.86	-25.00	-22.86	-75.43	-57.87	1.69	11.70	Н			
Middle	10122.36	-46.00	-25.00	-21.00	-76.94	-56.47	1.63	12.10	Н			
Middle	5061.18	-51.38	-25.00	-26.38	-73.10	-63.13	0.95	12.70	V			
	7591.77	-48.82	-25.00	-23.82	-76.24	-58.83	1.69	11.70	V			
	10122.36	-46.48	-25.00	-21.48	-76.38	-56.95	1.63	12.10	V			

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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	LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5056.68	-50.71	-25.00	-25.71	-72.94	-62.46	0.95	12.70	Н				
	7585.02	-47.80	-25.00	-22.80	-75.37	-57.81	1.69	11.70	Н				
Middle	10113.70	-45.67	-25.00	-20.67	-76.61	-56.14	1.63	12.10	Н				
Middle	5056.68	-50.67	-25.00	-25.67	-72.39	-62.42	0.95	12.70	V				
	7585.02	-48.40	-25.00	-23.40	-75.82	-58.41	1.69	11.70	V				
	10113.70	-46.81	-25.00	-21.81	-76.71	-57.28	1.63	12.10	V				

	LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5052.18	-50.74	-25.00	-25.74	-72.97	-62.49	0.95	12.70	Н				
	7578.27	-48.16	-25.00	-23.16	-75.73	-58.17	1.69	11.70	Н				
Middle	10104.36	-45.49	-25.00	-20.49	-76.43	-55.96	1.63	12.10	Н				
Middle	5052.18	-51.53	-25.00	-26.53	-73.25	-63.28	0.95	12.70	V				
	7578.27	-48.43	-25.00	-23.43	-75.85	-58.44	1.69	11.70	V				
	10104.36	-47.68	-25.00	-22.68	-77.58	-58.15	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

	LTE Band 38 / 5MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5185.68	-50.62	-25.00	-25.62	-72.85	-62.37	0.95	12.70	Н				
	7778.52	-48.09	-25.00	-23.09	-75.66	-58.10	1.69	11.70	Н				
Middle	10371.36	-45.92	-25.00	-20.92	-76.86	-56.39	1.63	12.10	Н				
Middle	5185.68	-51.12	-25.00	-26.12	-72.84	-62.87	0.95	12.70	V				
	7778.52	-49.06	-25.00	-24.06	-76.48	-59.07	1.69	11.70	V				
	10371.36	-45.93	-25.00	-20.93	-75.83	-56.40	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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	LTE Band 38 / 10MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5181.18	-50.77	-25.00	-25.77	-73.00	-62.52	0.95	12.70	Н				
	7771.77	-47.27	-25.00	-22.27	-74.84	-57.28	1.69	11.70	Н				
Middle	10362.36	-45.62	-25.00	-20.62	-76.56	-56.09	1.63	12.10	Н				
ivildale	5181.18	-51.62	-25.00	-26.62	-73.34	-63.37	0.95	12.70	V				
	7771.77	-48.33	-25.00	-23.33	-75.75	-58.34	1.69	11.70	V				
	10362.36	-47.03	-25.00	-22.03	-76.93	-57.50	1.63	12.10	V				

	LTE Band 38 / 15MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5176.68	-50.01	-25.00	-25.01	-72.24	-61.76	0.95	12.70	Н				
	7765.02	-48.50	-25.00	-23.50	-76.07	-58.51	1.69	11.70	Н				
Middle	10353.36	-45.37	-25.00	-20.37	-76.31	-55.84	1.63	12.10	Н				
ivildale	5176.68	-51.39	-25.00	-26.39	-73.11	-63.14	0.95	12.70	V				
	7765.02	-48.70	-25.00	-23.70	-76.12	-58.71	1.69	11.70	V				
	10353.36	-45.71	-25.00	-20.71	-75.61	-56.18	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

	LTE Band 38 / 20MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5172.18	-49.63	-25.00	-24.63	-71.86	-61.38	0.95	12.70	Н				
	7758.27	-48.36	-25.00	-23.36	-75.93	-58.37	1.69	11.70	Н				
Middle	10344.36	-45.77	-25.00	-20.77	-76.71	-56.24	1.63	12.10	Н				
Middle	5172.18	-51.31	-25.00	-26.31	-73.03	-63.06	0.95	12.70	V				
	7758.27	-48.81	-25.00	-23.81	-76.23	-58.82	1.69	11.70	V				
	10344.36	-46.83	-25.00	-21.83	-76.73	-57.30	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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	LTE Band 41 / 5MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5181.68	-51.15	-25	-26.15	-73.31	-62.90	0.95	12.70	Н				
	7772.52	-48.31	-25	-23.31	-75.50	-58.22	1.39	11.30	Н				
Middle	10363.36	-46.08	-25	-21.08	-77.36	-56.55	1.63	12.10	Н				
Middle	5181.68	-50.36	-25	-25.36	-72.47	-62.11	0.95	12.70	V				
	7772.52	-48.09	-25	-23.09	-75.36	-58.00	1.39	11.30	V				
	10363.36	-45.64	-25	-20.64	-75.24	-56.11	1.63	12.10	V				

	LTE Band 41 / 10MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5177.18	-51.29	-25	-26.29	-73.45	-63.04	0.95	12.70	Н				
	7765.77	-49.12	-25	-24.12	-76.31	-59.03	1.39	11.30	Н				
Middle	10354.36	-45.13	-25	-20.13	-76.41	-55.60	1.63	12.10	Н				
Middle	5177.18	-51.09	-25	-26.09	-73.2	-62.84	0.95	12.70	V				
	7765.77	-49.02	-25	-24.02	-76.29	-58.93	1.39	11.30	V				
	10354.36	-46.97	-25	-21.97	-76.57	-57.44	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

	LTE Band 41 / 15MHz / QPSK / RB Size 1 Offset 0												
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5172.68	-50.57	-25	-25.57	-72.73	-62.32	0.95	12.70	Н				
	7759.02	-48.84	-25	-23.84	-76.03	-58.75	1.39	11.30	Н				
Middle	10345.36	-45.65	-25	-20.65	-76.93	-56.12	1.63	12.10	Н				
Middle	5172.68	-51.07	-25	-26.07	-73.18	-62.82	0.95	12.70	V				
	7759.02	-48.39	-25	-23.39	-75.66	-58.30	1.39	11.30	V				
	10345.36	-47.45	-25	-22.45	-77.05	-57.92	1.63	12.10	V				

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

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Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)				
	5168.18	-50.90	-25	-25.90	-73.06	-62.65	0.95	12.70	Н				
	7752.27	-48.95	-25	-23.95	-76.14	-58.86	1.39	11.30	Н				
Middle	10336.36	-45.89	-25	-20.89	-77.17	-56.36	1.63	12.10	Н				
Middle	5168.18	-51.10	-25	-26.10	-73.21	-62.85	0.95	12.70	V				
	7752.27	-48.48	-25	-23.48	-75.75	-58.39	1.39	11.30	V				
	10336.36	-47.03	-25	-22.03	-76.63	-57.50	1.63	12.10	V				

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