

**ELECTROMAGNETIC EMISSIONS  
COMPLIANCE REPORT**

**Applicant:** HP Inc.  
1501 Page Mill Road, Palo Alto CA 94304 USA  
**Manufacturer:** HP Inc.  
1501 Page Mill Road, Palo Alto CA 94304 USA  
**Product Name:** Notebook Computer  
**Brand Name:** HP  
**Model No.:** HSN-I62C  
**Report Number:** TERF2412003863ER  
**FCC ID** B94HNI62KLR  
**Date of EUT Received:** November 29, 2024  
**Date of Test:** December 3, 2024 ~ January 7, 2025  
**Issue Date:** January 20, 2025

Alex Hsieh

**Approved By** \_\_\_\_\_

**Alex Hsieh**

**We hereby certify that:**

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.26-2015 and the energy emitted by the sample EUT comply with FCC rule part 2, 22H & 24E & 27 C & 90S.

The results of this report relate only to the sample identified in this report.

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Revision History					
Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2412003863ER	00	Original	January 20, 2025	Yuri Tsai	

**Note:**

- 1、The remark "" indicates modification of the report upon requests from certification body.

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## Contents

1	GENERAL PRODUCT INFORMATION .....	4
2	SYSTEM TEST CONFIGURATION .....	20
3	SUMMARY OF TEST RESULTS .....	22
4	DESCRIPTION OF TEST MODES .....	23
5	MEASUREMENT UNCERTAINTY .....	25
6	MEASUREMENT EQUIPMENT USED .....	26
7	STANDARD APPLICABLE .....	28
8	TEST SETUP .....	31
9	TEST PROCEDURE .....	33
10	MEASUREMENT RESULTS .....	34
11	PHOTOGRAPHS OF SET UP .....	198
12	PHOTOGRAPHS OF EUT .....	198

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# 1 GENERAL PRODUCT INFORMATION

## 1.1 Product Description

Product Name:	Notebook Computer
Brand Name:	HP
Model No.:	HSN-I62C
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	0004770LGB
Power Supply:	5 /9 /12 /15 /20 Vdc from adapter or 11.58Vdc from battery
Integrated WWAN Module:	Brand Name: Rolling Wireless Model Name: RW350R-GL
Test Software (Name/Version)	Default(connection with call box)

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## 1.2 Operation Frequency Range

LTE Band 2			
BW (MHz)	Operation Frequency (MHz)		
1.4	1850.7	-	1909.3
3	1851.5	-	1908.5
5	1852.5	-	1907.5
10	1855.0	-	1905.0
15	1857.5	-	1902.5
20	1860.0	-	1900.0
LTE Band 4			
BW (MHz)	Operation Frequency (MHz)		
1.4	1710.7	-	1754.3
3	1711.5	-	1753.5
5	1712.5	-	1752.5
10	1715.0	-	1750.0
15	1717.5	-	1747.5
20	1720.0	-	1745.0
LTE Band 5			
BW (MHz)	Operation Frequency (MHz)		
1.4	824.7	-	848.3
3	825.5	-	847.5
5	826.5	-	846.5
10	829.0	-	844.0
LTE Band 7			
BW (MHz)	Operation Frequency (MHz)		
5	2502.5	-	2567.5
10	2505.0	-	2565.0
15	2507.5	-	2562.5
20	2510.0	-	2560.0

LTE Band 12			
BW (MHz)	Operation Frequency (MHz)		
1.4	699.7	-	715.3
3	700.5	-	714.5
5	701.5	-	713.5
10	704.0	-	711.0
LTE Band 13			
BW (MHz)	Operation Frequency (MHz)		
5	779.5	-	784.5
10	782.0	-	
LTE Band 14			
BW (MHz)	Operation Frequency (MHz)		
5	790.5	-	795.5
10	793.0	-	
LTE Band 17			
BW (MHz)	Operation Frequency (MHz)		
5	706.5	-	713.5
10	709.0	-	711.0
LTE Band 25			
BW (MHz)	Operation Frequency (MHz)		
1.4	1850.7	-	1914.3
3	1851.5	-	1913.5
5	1852.5	-	1912.5
10	1855.0	-	1910.0
15	1857.5	-	1907.5
20	1860.0	-	1905.0

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LTE Band 26 Part 90			
BW (MHz)	Operation Frequency (MHz)		
1.4	814.7	-	823.3
3	815.5	-	822.5
5	816.5	-	821.5
10	819.0		
15	824.0		
LTE Band 26			
BW (MHz)	Operation Frequency (MHz)		
1.4	824.7	-	848.3
3	825.5	-	847.5
5	826.5	-	846.5
10	829.0	-	844.0
15	831.5	-	841.5
LTE Band 30			
BW (MHz)	Operation Frequency (MHz)		
5	2307.5	-	2312.5
10	2310.0		
LTE Band 38			
BW (MHz)	Operation Frequency (MHz)		
5	2572.5	-	2617.5
10	2575.0	-	2615.0
15	2577.5	-	2612.5
20	2580.0	-	2610.0
LTE Band 41			
BW (MHz)	Operation Frequency (MHz)		
5	2498.5	-	2687.5
10	2501.0	-	2685.0
15	2503.5	-	2682.5
20	2506.0	-	2680.0

LTE Band 42			
BW (MHz)	Operation Frequency (MHz)		
5	3452.5	-	3547.5
10	3455.0	-	3545.0
15	3457.5	-	3542.5
20	3460.0	-	3540.0
LTE Band 66			
BW (MHz)	Operation Frequency (MHz)		
1.4	1710.7	-	1779.3
3	1711.5	-	1778.5
5	1712.5	-	1777.5
10	1715.0	-	1775.0
15	1717.5	-	1772.5
20	1720.0	-	1770.0
LTE Band 71			
BW (MHz)	Operation Frequency (MHz)		
5	665.5	-	695.5
10	688.0	-	693.0
15	670.5	-	690.5
20	673.0	-	688.0

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### 1.3 Antenna Designation

Antenna Type	Supplier	Antenna Model No.	NB / TB Mode	Antenna No.	Remark
PIFA	Vendor 1	6036B0370401 (00-330270505L)	NB	Ant5	Ant0
				Ant8	Ant1
		6036B0370401 (00-330270505L)	TB	Ant5	Ant2
				Ant8	Ant3
	Vendor 2	6036B0366201 (81ELBF15.G36)	NB	Ant5	Ant4
				Ant8	Ant5
		6036B0366201 (81ELBF15.G36)	TB	Ant5	Ant6
				Ant8	Ant7

**Note:** Transmission frequencies in this test report are only available by the above antenna(s).

Type	Modulation	Frequency (MHz)	Peak Antenna Gain (dBi)								
			Ant0	Ant1	Ant2	Ant3	Ant4	Ant5	Ant6	Ant7	
PIFA	LTE-Band 2	1850 ~ 1910	-0.61	2	-2.73	-0.12	-1.4	-1.88	-4.44	-4.5	
	LTE-Band 4	1710 ~ 1755		2.28		-2.05		-0.92		-5.19	
	LTE-Band 5	824 ~ 849	0.74		-3.96		-1.93		-5.75		
	LTE-Band 7	2500 ~ 2570		1.17		-0.83		-1.88		-0.93	
	LTE-Band 12	699 ~ 716	0.58		-7.17		-0.18		-3.8		
	LTE-Band 13	777 ~ 787	0.91		-4.48		-1.38		-6.49		
	LTE-Band 14	788 ~ 798	0.54		-4.82		-2.7		-8.01		
	LTE-Band 17	704 ~ 716	0.58		-7.17		-0.18		-3.8		
	LTE-Band 25	1850 ~ 1915	-0.61	2	-2.73	-0.12	-1.4	-1.88	-4.44	-4.5	
	LTE-Band 26	824 ~ 849	0.74		-3.96		-1.93		-5.75		
	LTE-Band 26 Part 90	814 ~ 824	0.74		-3.96		-1.93		-5.75		
	LTE-Band 30	2305 ~ 2315		1.18		-2.29		-3.25		-6.04	
	LTE-Band 38	2570 ~ 2620		1.26		-1.97		-2.6		-1.43	
	LTE-Band 41	2496 ~ 2690	1.03	1.52	0.01	-0.83	-1.62	-1.88	1.34	-0.93	
	LTE-Band 42	3400 ~ 3600	-1.19	0.76	-1.58	-0.77	0.85	1.58	-1.13	-0.52	
	LTE-Band 66	1710 ~ 1780		2.28		-2.05		-0.92		-3.39	
	LTE-Band 71	663 ~ 698	-0.62		-7.62		-2.64		-3.54		

**Note:** Antenna information is provided by the applicant.

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### 1.4 Type of Emission & Max ERP/EIRP Power Measurement Result:

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
2	1.4	1850.7	1909.3	QPSK	24.69	EIRP	0.294
				16QAM	23.66	EIRP	0.232
				64QAM	22.67	EIRP	0.185
				256QAM	21.67	EIRP	0.147
2	3	1851.5	1908.5	QPSK	24.61	EIRP	0.289
				16QAM	23.62	EIRP	0.230
				64QAM	22.71	EIRP	<b>0.187</b>
				256QAM	21.69	EIRP	<b>0.148</b>
2	5	1852.5	1907.5	QPSK	24.69	EIRP	0.294
				16QAM	23.67	EIRP	0.233
				64QAM	22.60	EIRP	0.182
				256QAM	21.69	EIRP	<b>0.148</b>
2	10	1855.0	1905.0	QPSK	24.72	EIRP	0.296
				16QAM	23.64	EIRP	0.231
				64QAM	22.64	EIRP	0.184
				256QAM	21.67	EIRP	0.147
2	15	1857.5	1902.5	QPSK	24.62	EIRP	0.290
				16QAM	23.70	EIRP	<b>0.234</b>
				64QAM	22.68	EIRP	0.185
				256QAM	21.68	EIRP	0.147
2	20	1860.0	1900.0	QPSK	24.76	EIRP	<b>0.299</b>
				16QAM	23.65	EIRP	0.232
				64QAM	22.56	EIRP	0.180
				256QAM	21.68	EIRP	0.147

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
4	1.4	1710.7	1754.3	QPSK	24.99	EIRP	0.316
				16QAM	24.01	EIRP	0.252
				64QAM	23.11	EIRP	<b>0.205</b>
				256QAM	22.02	EIRP	0.159
4	3	1711.5	1753.5	QPSK	25.08	EIRP	0.322
				16QAM	24.01	EIRP	0.252
				64QAM	23.01	EIRP	0.200
				256QAM	22.01	EIRP	0.159
4	5	1712.5	1752.5	QPSK	25.09	EIRP	0.323
				16QAM	24.08	EIRP	<b>0.256</b>
				64QAM	22.99	EIRP	0.199
				256QAM	22.02	EIRP	0.159
4	10	1715.0	1750.0	QPSK	25.07	EIRP	0.321
				16QAM	24.02	EIRP	0.252
				64QAM	23.09	EIRP	0.204
				256QAM	22.06	EIRP	0.161
4	15	1717.5	1747.5	QPSK	25.04	EIRP	0.319
				16QAM	23.95	EIRP	0.248
				64QAM	23.03	EIRP	0.201
				256QAM	22.03	EIRP	0.160
4	20	1720.0	1745.0	QPSK	25.15	EIRP	<b>0.327</b>
				16QAM	24.06	EIRP	0.255
				64QAM	23.06	EIRP	0.202
				256QAM	22.09	EIRP	<b>0.162</b>

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
5	1.4	824.7	848.3	QPSK	21.50	ERP	0.141
				16QAM	20.54	ERP	0.113
				64QAM	19.57	ERP	0.091
				256QAM	18.52	ERP	0.071
5	3	825.5	847.5	QPSK	21.71	ERP	0.148
				16QAM	20.63	ERP	0.116
				64QAM	19.68	ERP	0.093
				256QAM	18.68	ERP	<b>0.074</b>
5	5	826.5	846.5	QPSK	21.70	ERP	0.148
				16QAM	20.68	ERP	<b>0.117</b>
				64QAM	19.63	ERP	0.092
				256QAM	18.60	ERP	0.072
5	10	829.0	844.0	QPSK	21.81	ERP	<b>0.152</b>
				16QAM	20.62	ERP	0.115
				64QAM	19.70	ERP	<b>0.093</b>
				256QAM	18.68	ERP	<b>0.074</b>

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
7	5	2502.5	2567.5	QPSK	23.93	EIRP	0.247
				16QAM	22.92	EIRP	0.196
				64QAM	21.93	EIRP	0.156
				256QAM	20.91	EIRP	<b>0.123</b>
7	10	2505.0	2565.0	QPSK	23.91	EIRP	0.246
				16QAM	22.90	EIRP	0.195
				64QAM	21.96	EIRP	<b>0.157</b>
				256QAM	20.88	EIRP	0.122
7	15	2507.5	2562.5	QPSK	23.95	EIRP	0.248
				16QAM	22.91	EIRP	0.195
				64QAM	21.91	EIRP	0.155
				256QAM	20.90	EIRP	0.123
7	20	2510.0	2560.0	QPSK	24.01	EIRP	<b>0.252</b>
				16QAM	22.93	EIRP	<b>0.196</b>
				64QAM	21.95	EIRP	0.157
				256QAM	20.87	EIRP	0.122

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
12	1.4	699.7	715.3	QPSK	21.39	ERP	0.138
				16QAM	20.37	ERP	<b>0.109</b>
				64QAM	19.41	ERP	0.087
				256QAM	18.35	ERP	0.068
12	3	700.5	714.5	QPSK	21.32	ERP	0.136
				16QAM	20.35	ERP	0.108
				64QAM	19.42	ERP	<b>0.087</b>
				256QAM	18.41	ERP	<b>0.069</b>
12	5	701.5	713.5	QPSK	21.39	ERP	0.138
				16QAM	20.37	ERP	<b>0.109</b>
				64QAM	19.33	ERP	0.086
				256QAM	18.38	ERP	0.069
12	10	704.0	711.0	QPSK	21.48	ERP	<b>0.141</b>
				16QAM	20.37	ERP	<b>0.109</b>
				64QAM	19.33	ERP	0.086
				256QAM	18.38	ERP	0.069

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
13	5	779.5	784.5	QPSK	21.72	ERP	0.149
				16QAM	20.71	ERP	<b>0.118</b>
				64QAM	19.76	ERP	<b>0.095</b>
				256QAM	18.76	ERP	<b>0.075</b>
13	10	782.0	782.0	QPSK	21.81	ERP	<b>0.152</b>
				16QAM	20.64	ERP	0.116
				64QAM	19.69	ERP	0.093
				256QAM	18.66	ERP	0.073

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
14	5	790.5	795.5	QPSK	21.45	ERP	0.140
				16QAM	20.38	ERP	<b>0.109</b>
				64QAM	19.45	ERP	<b>0.088</b>
				256QAM	18.47	ERP	<b>0.070</b>
14	10	793.0	793.0	QPSK	21.50	ERP	<b>0.141</b>
				16QAM	20.35	ERP	0.108
				64QAM	19.36	ERP	0.086
				256QAM	18.42	ERP	0.070

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
17	5	706.5	713.5	QPSK	21.29	ERP	0.135
				16QAM	20.24	ERP	0.106
				64QAM	19.30	ERP	0.085
				256QAM	18.26	ERP	<b>0.067</b>
17	10	709.0	711.0	QPSK	21.39	ERP	<b>0.138</b>
				16QAM	20.26	ERP	<b>0.106</b>
				64QAM	19.31	ERP	<b>0.085</b>
				256QAM	18.26	ERP	<b>0.067</b>

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
25	1.4	1850.7	1914.3	QPSK	24.95	EIRP	0.313
				16QAM	23.89	EIRP	0.245
				64QAM	22.85	EIRP	0.193
				256QAM	21.91	EIRP	0.155
25	3	1851.5	1913.5	QPSK	24.95	EIRP	0.313
				16QAM	23.90	EIRP	0.245
				64QAM	22.94	EIRP	0.197
				256QAM	21.91	EIRP	0.155
25	5	1852.5	1912.5	QPSK	24.89	EIRP	0.308
				16QAM	23.91	EIRP	0.246
				64QAM	22.83	EIRP	0.192
				256QAM	21.95	EIRP	<b>0.157</b>
25	10	1855.0	1910.0	QPSK	24.84	EIRP	0.305
				16QAM	23.93	EIRP	0.247
				64QAM	22.86	EIRP	0.193
				256QAM	21.86	EIRP	0.153
25	15	1857.5	1907.5	QPSK	24.93	EIRP	0.311
				16QAM	23.92	EIRP	0.247
				64QAM	22.95	EIRP	<b>0.197</b>
				256QAM	21.90	EIRP	0.155
25	20	1860.0	1905.0	QPSK	25.01	EIRP	<b>0.317</b>
				16QAM	23.96	EIRP	<b>0.249</b>
				64QAM	22.91	EIRP	0.195
				256QAM	21.89	EIRP	0.155

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
26	1.4	824.7	848.3	QPSK	20.99	ERP	0.126
				16QAM	19.96	ERP	0.099
				64QAM	18.97	ERP	0.079
				256QAM	17.92	ERP	0.062
26	3	825.5	847.5	QPSK	20.96	ERP	0.125
				16QAM	20.06	ERP	0.101
				64QAM	19.01	ERP	<b>0.080</b>
				256QAM	17.97	ERP	0.063
26	5	826.5	846.5	QPSK	21.02	ERP	0.126
				16QAM	20.04	ERP	0.101
				64QAM	18.96	ERP	0.079
				256QAM	18.05	ERP	<b>0.064</b>
26	10	829.0	844.0	QPSK	21.03	ERP	0.127
				16QAM	20.07	ERP	<b>0.102</b>
				64QAM	19.01	ERP	<b>0.080</b>
				256QAM	18.03	ERP	0.064
26	15	831.5	841.5	QPSK	21.11	ERP	<b>0.129</b>
				16QAM	20.04	ERP	0.101
				64QAM	18.99	ERP	0.079
				256QAM	18.03	ERP	0.064

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
26 Part 90	1.4	814.7	823.3	QPSK	21.32	ERP	0.136
				16QAM	20.64	ERP	0.116
				64QAM	19.56	ERP	0.090
				256QAM	16.74	ERP	0.047
26 Part 90	3	815.5	822.5	QPSK	21.33	ERP	<b>0.136</b>
				16QAM	20.71	ERP	<b>0.118</b>
				64QAM	19.52	ERP	0.090
				256QAM	16.76	ERP	0.047
26 Part 90	5	816.5	821.5	QPSK	21.32	ERP	0.136
				16QAM	20.71	ERP	<b>0.118</b>
				64QAM	19.62	ERP	<b>0.092</b>
				256QAM	16.70	ERP	0.047
26 Part 90	10	819.0	819.0	QPSK	21.15	ERP	0.130
				16QAM	20.26	ERP	0.106
				64QAM	19.26	ERP	0.084
				256QAM	18.20	ERP	0.066
26 Part 90	15	824.0	824.0	QPSK	21.28	ERP	<b>0.134</b>
				16QAM	20.84	ERP	0.121
				64QAM	19.65	ERP	0.092
				256QAM	16.73	ERP	0.047

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm/5MHz)		(W)
30	5	2307.5	2312.5	QPSK	23.97	EIRP	0.249
				16QAM	23.01	EIRP	0.200
				64QAM	22.05	EIRP	<b>0.160</b>
				256QAM	21.04	EIRP	<b>0.127</b>
30	10	2310.0	2310.0	QPSK	23.99	EIRP	<b>0.251</b>
				16QAM	23.02	EIRP	<b>0.200</b>
				64QAM	21.94	EIRP	0.156
				256QAM	20.99	EIRP	0.126

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38	5	2572.5	2617.5	QPSK	23.88	EIRP	0.244
				16QAM	22.84	EIRP	0.192
				64QAM	21.89	EIRP	0.155
				256QAM	20.89	EIRP	0.123
38	10	2575.0	2615.0	QPSK	23.93	EIRP	0.247
				16QAM	22.87	EIRP	0.194
				64QAM	21.89	EIRP	0.155
				256QAM	20.92	EIRP	0.124
38	15	2577.5	2612.5	QPSK	23.91	EIRP	0.246
				16QAM	22.92	EIRP	0.196
				64QAM	21.89	EIRP	0.155
				256QAM	20.92	EIRP	0.124
38	20	2580.0	2610.0	QPSK	24.00	EIRP	0.251
				16QAM	22.86	EIRP	0.193
				64QAM	21.95	EIRP	0.157
				256QAM	20.91	EIRP	0.123

LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
41	5	2498.5	2687.5	QPSK	24.14	EIRP	0.259
				16QAM	23.15	EIRP	0.207
				64QAM	22.21	EIRP	0.166
				256QAM	21.16	EIRP	0.131
41	10	2501.0	2685.0	QPSK	24.20	EIRP	0.263
				16QAM	23.14	EIRP	0.206
				64QAM	22.14	EIRP	0.164
				256QAM	21.13	EIRP	0.130
41	15	2503.5	2682.0	QPSK	24.22	EIRP	0.264
				16QAM	23.20	EIRP	0.209
				64QAM	22.16	EIRP	0.164
				256QAM	21.10	EIRP	0.129
41	20	2506.0	2680.0	QPSK	24.29	EIRP	0.269
				16QAM	23.20	EIRP	0.209
				64QAM	22.22	EIRP	0.167
				256QAM	21.21	EIRP	0.132

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
42	5	3452.5	3547.5	QPSK	22.91	EIRP	<b>0.195</b>
				16QAM	22.06	EIRP	0.161
				64QAM	20.79	EIRP	<b>0.120</b>
				256QAM	17.91	EIRP	0.062
42	10	3455.0	3545.0	QPSK	22.87	EIRP	0.194
				16QAM	22.07	EIRP	<b>0.161</b>
				64QAM	20.76	EIRP	0.119
				256QAM	17.93	EIRP	<b>0.062</b>
42	15	3457.5	3542.5	QPSK	22.79	EIRP	0.190
				16QAM	22.02	EIRP	0.159
				64QAM	20.74	EIRP	0.119
				256QAM	17.86	EIRP	0.061
42	20	3460.0	3540.0	QPSK	22.77	EIRP	0.189
				16QAM	21.95	EIRP	0.157
				64QAM	20.66	EIRP	0.116
				256QAM	17.90	EIRP	0.062

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
66	1.4	1710.7	1779.3	QPSK	25.24	EIRP	0.334
				16QAM	24.12	EIRP	0.258
				64QAM	23.20	EIRP	0.209
				256QAM	22.20	EIRP	0.166
66	3	1711.5	1778.5	QPSK	25.20	EIRP	0.331
				16QAM	24.27	EIRP	<b>0.267</b>
				64QAM	23.09	EIRP	0.204
				256QAM	22.21	EIRP	0.166
66	5	1712.5	1777.5	QPSK	25.17	EIRP	0.329
				16QAM	24.19	EIRP	0.262
				64QAM	23.20	EIRP	0.209
				256QAM	22.19	EIRP	0.166
66	10	1715.0	1775.0	QPSK	25.26	EIRP	0.336
				16QAM	24.15	EIRP	0.260
				64QAM	23.16	EIRP	0.207
				256QAM	22.25	EIRP	<b>0.168</b>
66	15	1717.5	1772.5	QPSK	25.21	EIRP	0.332
				16QAM	24.21	EIRP	0.264
				64QAM	23.21	EIRP	0.209
				256QAM	22.20	EIRP	0.166
66	20	1720.0	1770.0	QPSK	25.30	EIRP	<b>0.339</b>
				16QAM	24.20	EIRP	0.263
				64QAM	23.26	EIRP	<b>0.212</b>
				256QAM	22.24	EIRP	0.167

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LTE Band	BW	Frequency		Modulation	ERP / EIRP (dBm)		(W)
71	5	665.5	695.5	QPSK	20.18	ERP	0.104
				16QAM	19.21	ERP	<b>0.083</b>
				64QAM	18.12	ERP	0.065
				256QAM	17.17	ERP	0.052
71	10	668.0	693.0	QPSK	20.22	ERP	0.105
				16QAM	19.16	ERP	0.082
				64QAM	18.16	ERP	0.065
				256QAM	17.10	ERP	0.051
71	15	670.5	690.5	QPSK	20.25	ERP	0.106
				16QAM	19.19	ERP	0.083
				64QAM	18.18	ERP	<b>0.066</b>
				256QAM	17.12	ERP	0.052
71	20	673.0	688.0	QPSK	20.27	ERP	<b>0.106</b>
				16QAM	19.12	ERP	0.082
				64QAM	18.17	ERP	0.066
				256QAM	17.20	ERP	<b>0.052</b>

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### 1.5 Test Methodology of Applied Standards

FCC 47 CFR Part 2, 22H, 24E, 27C, Part 90.

ANSI C63.26-2015

KDB971168 D01 Power Meas license Digital System v03r01

KDB412172 D01 Determining ERP and EIRP v01r01

### 1.6 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027	TW3702
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
Conducted G				
<b>Note:</b> Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.				

### 1.7 Special Accessories

No special accessories were used during testing.

### 1.8 Equipment Modifications

There was no modifications incorporated into the EUT.

### 1.9 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m\*6m\*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

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## 2 SYSTEM TEST CONFIGURATION

### 2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

### 2.2 EUT Exercise

The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.

### 2.3 Test Procedure

#### 2.3.1 Conducted Measurement at Antenna Port

The EUT is placed on a table which is 0.8 m above ground plane. A low loss of RF cable was used to connect the antenna port of EUT to measurement equipment.

#### 2.3.2 Radiated Emissions (ERP/EIRP)

The EUT is placed on a turn table, for emission measurements below 1 GHz is 0.8 m above ground plane, for emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both Horizontal and Vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

### 2.4 Measurement Results Explanation Example

#### For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

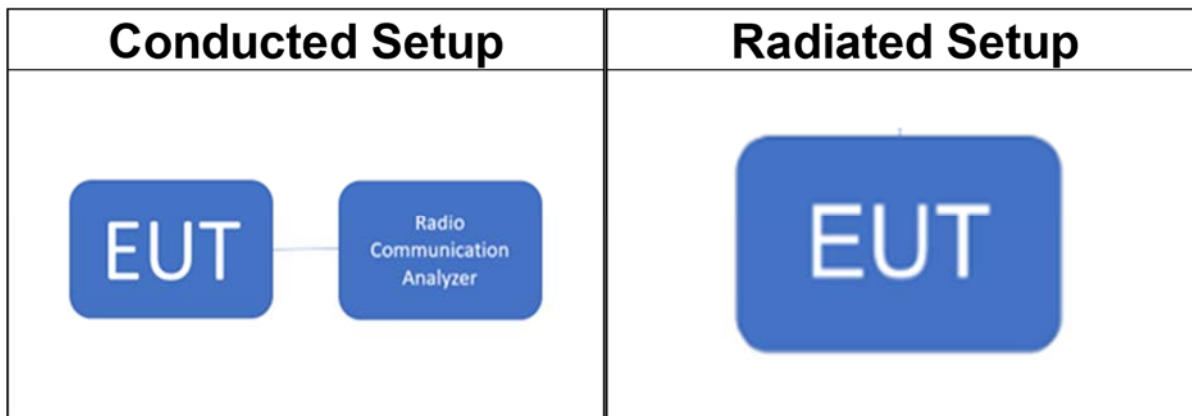
#### Note:

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

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## 2.5 Test Configuration



**Note:** Radio Communication Analyzer is placed in remote side for radiated test.

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### 3 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§22.913(a)(5) §24.232(c) §27.50(a)(3) §27.50(b)(9) §27.50(c)(9) §27.50(d)(4) §27.50(h)(2) §90.542(a)(6) §90.635(b)	ERP/ EIRP measurement	Compliant
§2.1053 §22.917(a)(b) §24.238(a)(b) §27.53(c)(2)(4) §27.53(a)(4) §27.53(f) §27.53(g) §27.53(h)(1)&(3) §27.53(m)(4) §90.691(a) §90.543(e)(3)	Field Strength of Spurious Radiation	Compliant

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## 4 DESCRIPTION OF TEST MODES

### 4.1 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
3. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

### 4.2 Measurement Configuration

Test Items				Max. Output Power												
Band	Test Channel			Bandwidth (MHz)						Modulation				RB #		
	L	M	H	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full
2	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
4	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
5	V	V	V	V	V	V	V	-	-	V	V	V	V	V	V	V
7	V	V	V	-	-	V	V	V	V	V	V	V	V	V	V	V
12	V	V	V	V	V	V	V	-	-	V	V	V	V	V	V	V
13	V	V	V	-	-	V	V	-	-	V	V	V	V	V	V	V
14	V	V	V	-	-	V	V	-	-	V	V	V	V	V	V	V
17	V	V	V	-	-	V	V	-	-	V	V	V	V	V	V	V
25	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
26	V	V	V	V	V	V	V	V	-	V	V	V	V	V	V	V
26 P90	V	V	V	V	V	V	V	V	-	V	V	V	V	V	V	V
30	V	V	V	-	-	V	V	-	-	V	V	V	V	V	V	V
38	V	V	V	-	-	V	V	V	V	V	V	V	V	V	V	V
41	V	V	V	-	-	V	V	V	V	V	V	V	V	V	V	V
42	V	V	V	-	-	V	V	V	V	V	V	V	V	V	V	V
66	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
71	V	V	V	-	-	V	V	V	V	V	V	V	V	V	V	V

Test Items				Radiated Emission												
Band	Test Channel			Bandwidth (MHz)						Modulation				RB #		
	L	M	H	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	256QAM	1	Half	Full
2	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
4	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
5	V	V	V	-	-	-	V	-	-	V	-	-	-	V	-	-
7	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
12	V	V	V	-	-	-	V	-	-	V	-	-	-	V	-	-
13	V	V	V	-	-	-	V	-	-	V	-	-	-	V	-	-
14	V	V	V	-	-	-	V	-	-	V	-	-	-	V	-	-
17	V	V	V	-	-	-	V	-	-	V	-	-	-	V	-	-
25	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
26	V	V	V	-	-	-	-	V	-	V	-	-	-	V	-	-
26 P90	V	V	V	-	V	-	-	-	-	V	-	-	-	V	-	-
30	V	V	V	-	-	-	V	-	-	V	-	-	-	V	-	-
38	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
41	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
42	V	V	V	-	-	V	-	-	-	V	-	-	-	V	-	-
66	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-
71	V	V	V	-	-	-	-	-	V	V	-	-	-	V	-	-

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E-UTRA Band	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
				RBs allocated	RB Offset
2	18700	20	QPSK	1	0
2	18900	20	QPSK	1	0
2	19100	20	QPSK	1	0
4	20050	20	QPSK	1	0
4	20175	20	QPSK	1	0
4	20300	20	QPSK	1	0
5	20450	10	QPSK	1	0
5	20525	10	QPSK	1	0
5	20600	10	QPSK	1	0
7	20850	20	QPSK	1	0
7	21100	20	QPSK	1	0
7	21350	20	QPSK	1	0
12	23060	10	QPSK	1	0
12	23095	10	QPSK	1	0
12	23130	10	QPSK	1	0
13	23230	10	QPSK	1	0
14	23330	10	QPSK	1	0
17	23780	10	QPSK	1	0
17	23790	10	QPSK	1	0
17	23800	10	QPSK	1	0
25	26140	20	QPSK	1	0
25	26365	20	QPSK	1	0
25	26590	20	QPSK	1	0
26_Part 90S	26705	3	QPSK	1	14
26_Part 90S	26740	3	QPSK	1	14
26_Part 90S	26775	3	QPSK	1	14
26	26865	15	QPSK	1	0
26	26915	15	QPSK	1	0
26	26965	15	QPSK	1	0
30	27710	10	QPSK	1	0
38	37850	20	QPSK	1	0
38	38000	20	QPSK	1	0
38	38150	20	QPSK	1	0
41	39750	20	QPSK	1	0
41	40620	20	QPSK	1	0
41	41490	20	QPSK	1	0
42	42115	5	QPSK	1	0
42	42590	5	QPSK	1	0
42	43065	5	QPSK	1	0
66	132072	20	QPSK	1	0
66	132322	20	QPSK	1	0
66	132572	20	QPSK	1	0
71	133222	20	QPSK	1	0
71	133297	20	QPSK	1	0
71	133372	20	QPSK	1	0

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## 5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
Power Density	+/- 0.61 dB
RF Power Output	+/- 0.97 dB
ERP/ EIRP measurement	+/- 2.15 dB
	+/- 2.15 dB
Emission Bandwidth	+/- 1.38 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 0.77 dB
Peak to Average Ratio	+/- 0.97 dB
Frequency Stability vs. Temperature	+/- 1.48 Hz
Frequency Stability vs. Voltage	+/- 1.48 Hz
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	1.89 dB	9kHz~30MHz
	+/-	4.15 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89 dB	9kHz~30MHz
	+/-	4.02 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2 dB	33GHz-50GHz
	+/-	1.59 dB	50GHz-60GHz
	+/-	1.7 dB	60GHz-90GHz
	+/-	1.64 dB	90GHz-140GHz
	+/-	3.83 dB	140GHz-220GHz

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

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## 6 MEASUREMENT EQUIPMENT USED

### 6.1 Conducted Measurement

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Radio Communication Analyzer	Anritsu	MT8821C	6262044751	11/04/2024	11/03/2025

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## 6.2 Radiated Measurement

Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
1G High Pass Filter	Micro-Tronics	HPM50108	32	12/11/2024	12/10/2025
2G High Pass Filter	Micro-Tronics	HPM50110	36	12/11/2024	12/10/2025
4G High Pass Filter	WI	WHKX4.0	22	12/11/2024	12/10/2025
Attenuator	Mini-Circuits	BW-S10W2+	16	12/11/2024	12/10/2025
Band Reject Filter 1700-2000	EWT	EWT-54-0038	M1	12/11/2024	12/10/2025
Band Reject Filter 2240-2700	WI	WRCJV2300/2700- 2240/2760-40/12SS	1	12/11/2024	12/10/2025
Band Reject Filter 3300-3900	WI	WRCGV3400/3800- 3300/3900-40/12SS	1	12/11/2024	12/10/2025
Band Reject Filter 800-1000	EWT	EWT-54-0037	M3R	12/11/2024	12/10/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/17/2024	07/16/2025
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/09/2024	08/08/2025
Coaxial Cables	EMCI+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	08/30/2024	08/29/2025
Coaxial Cables	Huber Suhner	SUCOFLEX 102+SUCOFLEX 106	TX Cable 30M-40G 23051/2+76096/6+2 2962/2	08/30/2024	08/29/2025
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/06/2024	02/05/2025
Horn Antenna	Schwarzbeck	BBHA9170	185	08/15/2024	08/14/2025
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	07/10/2024	07/09/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	09/23/2024	09/22/2025
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/15/2024	05/14/2025
Network Analyzer	R&S	ZNB 40	101842	05/16/2024	05/15/2025
Pre-Amplifier	EMCI	EMC118A45SEE	980868	08/30/2024	08/29/2025
Pre-Amplifier	EMCI	EMC184045SEE	9080939	08/30/2024	08/29/2025
Pre-Amplifier	HP	8447D	2944A07676	08/30/2024	08/29/2025
Radio Communication Analyzer	Anritsu	MT8821C	6262044670	08/23/2024	08/22/2025
Site Cal	SGS	SAC 3	N/A	08/30/2024	08/29/2025
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

**NOTE:** N.C.R refers to Not Calibrated Required.

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## 7 STANDARD APPLICABLE

### 7.1 Maximum Output Power

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals.

#### 7.1.1 ERP/EIRP LIMIT

According to FCC §2.1046

##### FCC 22.913(a)

(5) mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

##### FCC 24.232(c)

Mobile and portable stations are limited to 2 W EIRP.

##### FCC 27.50 (a)

(3) for mobile and portable stations compliant with 3GPP LTE standards transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band are limited to 250 mW/ 5MHz EIRP but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

##### FCC 27.50 (b)

(9) Control stations and mobile stations transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 30 watts ERP.

##### FCC 27.50(c)

(9) Control and mobile stations in the 698-746 MHz band are limited to 30 watts ERP.

##### FCC 27.50(d)

(4) Mobile, and portable (hand-held) stations operating in the 1710-1755 MHz, 1695-1710 MHz and 1755-1780 MHz bands are limited to 1W EIRP.

##### FCC 27, 50(h)

(2) Mobile and other user stations transmitting in the BRS and EBS bands are limited to 2 W EIRP.

##### FCC 90.542(a)

(6) Control stations and mobile stations transmitting in the 758-768 MHz band and the 788-798 MHz band are limited to 30 watts ERP.

##### FCC 90.635(b)

Mobile station is limited to 100W ERP

### 7.2 Field Strength Of Spurious Radiation Measurement

According to FCC §2.1053,

##### FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

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

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### FCC §27.53(a)

For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts:

- (4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands:
  - (ii) By a factor of not less than  $70 + 10 \log (P)$  dB below 2288 MHz;
  - (iii) By a factor of not less than  $70 + 10 \log (P)$  dB above 2365 MHz.

### FCC §27.53(g)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log (P)$  dB;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $76 + 10 \log (P)$  dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log (P)$  dB in a 6.25 kHz band segment, for mobile and portable stations;

### FCC §90.543 (f)

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

### FCC §27.53(h)(1)

(h) *AWS emission limits*—(1) *General protection levels*. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10} (P)$  dB.

### FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

**Measurement procedure.** Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to

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the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

#### **FCC §90.691 Emission mask requirements for EA-based systems**

(a) Out-of-band emission requirement shall apply only to the “outer” channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $116 \log_{10}(f/6.1)$  decibels or  $50 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

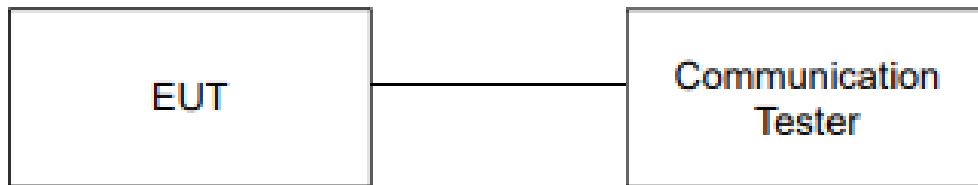
(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10}(P)$  decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

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## 8 TEST SETUP

### 8.1 Maximum Output Power



**Note:** Measurement setup for testing on Antenna connector

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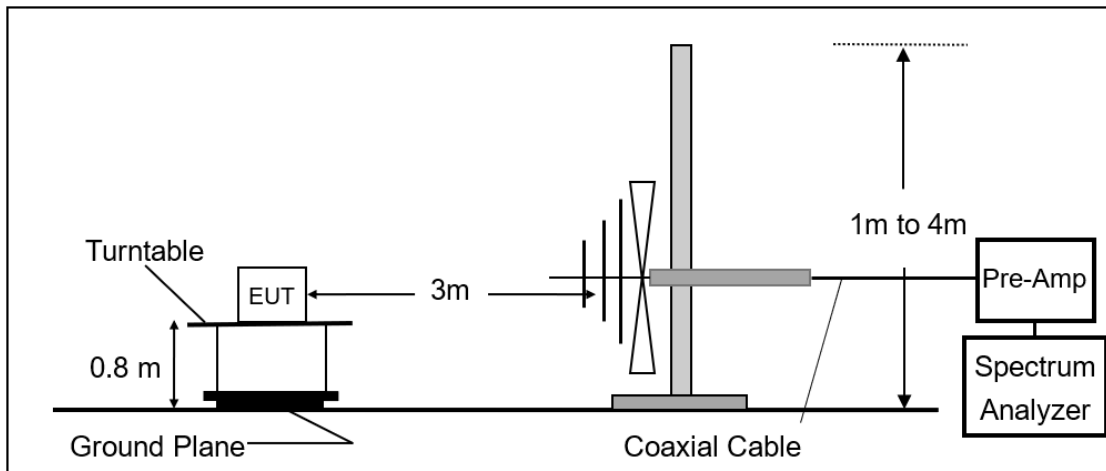
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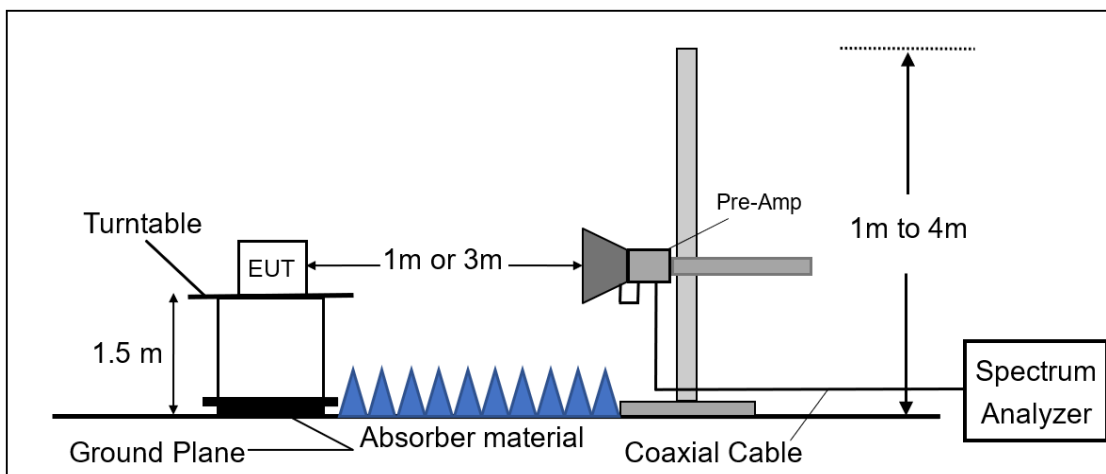
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## 8.2 Field Strength of Spurious Radiation Measurement

Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



Radiated Emission Test Set-Up, Frequency Above 1GHz.



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## 9 TEST PROCEDURE

### 9.1 Maximum Output Power

#### 9.1.1 Output Power Measurement Applicable Guidance

The transmitter output was connected to a communication tester. Transmitter output was read off the communication tester in dBm. The power output at the transmitter antenna port was determined by the communication tester reading.

KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

All LTE bands conducted average power is obtained from the simulator telecommunication test set.

#### 9.1.2 Determining ERP and/or EIRP from conducted RF output power measurements

According to KDB 412172 D01 Power Approach,

$$EIRP = P_T + G_T - L_C,$$

$$ERP = EIRP - 2.15,$$

Where:

ERP or EIRP = effective radiated power or equivalent isotropically radiated power (expressed in the same units as  $P_T$ , typically dBW, dBm, or power spectral density (PSD)<sup>2</sup>), relative to either a dipole antenna (ERP) or an isotropic antenna (EIRP);

$P_T$  = transmitter output power, expressed in dBW, dBm, or PSD;

$G_T$  = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP);

### 9.2 Field Strength of Spurious Radiation Measurement

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.

$$ERP \text{ (dBm)} = \text{SG Level (dBm)} + \text{Antenna Gain (dBd)} + \text{Cable Loss (dB)}$$

$$EIRP \text{ (dBm)} = \text{SG Level (dBm)} + \text{Antenna Gain (dBi)} + \text{Cable Loss (dB)}$$

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## 10 MEASUREMENT RESULTS

### 10.1 Maximum Output Power

Antenna gain (dBi)		2							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	18607	1850.7	QPSK	1	0	22.21	24.21	33	-8.79
				1	5	22.17	24.17	33	-8.83
				3	2	22.25	24.25	33	-8.75
				6	0	21.28	23.28	33	-9.72
	18900	1880	QPSK	1	0	22.59	24.59	33	-8.41
				1	5	22.62	24.62	33	-8.38
				3	2	22.63	24.63	33	-8.37
				6	0	21.45	23.45	33	-9.55
	19193	1909.3	QPSK	1	0	22.49	24.49	33	-8.51
				1	5	22.69	24.69	33	-8.31
				3	2	22.54	24.54	33	-8.46
				6	0	21.61	23.61	33	-9.39
1.4	18607	1850.7	16QAM	1	0	21.19	23.19	33	-9.81
				1	5	21.28	23.28	33	-9.72
				3	2	21.30	23.30	33	-9.7
				6	0	20.15	22.15	33	-10.85
	18900	1880	16QAM	1	0	21.53	23.53	33	-9.47
				1	5	21.54	23.54	33	-9.46
				3	2	21.48	23.48	33	-9.52
				6	0	20.59	22.59	33	-10.41
	19193	1909.3	16QAM	1	0	21.60	23.60	33	-9.4
				1	5	21.62	23.62	33	-9.38
				3	2	21.66	23.66	33	-9.34
				6	0	20.55	22.55	33	-10.45
1.4	18607	1850.7	64QAM	1	0	20.13	22.13	33	-10.87
				1	5	20.29	22.29	33	-10.71
				3	2	20.28	22.28	33	-10.72
				6	0	19.18	21.18	33	-11.82
	18900	1880	64QAM	1	0	20.48	22.48	33	-10.52
				1	5	20.56	22.56	33	-10.44
				3	2	20.57	22.57	33	-10.43
				6	0	19.51	21.51	33	-11.49
	19193	1909.3	64QAM	1	0	20.67	22.67	33	-10.33
				1	5	20.54	22.54	33	-10.46
				3	2	20.59	22.59	33	-10.41
				6	0	19.55	21.55	33	-11.45
1.4	18607	1850.7	256QAM	1	0	19.28	21.28	33	-11.72
				1	5	19.25	21.25	33	-11.75
				3	2	19.19	21.19	33	-11.81
				6	0	18.30	20.30	33	-12.7
	18900	1880	256QAM	1	0	19.46	21.46	33	-11.54
				1	5	19.67	21.67	33	-11.33
				3	2	19.49	21.49	33	-11.51
				6	0	18.59	20.59	33	-12.41
	19193	1909.3	256QAM	1	0	19.67	21.67	33	-11.33
				1	5	19.52	21.52	33	-11.48
				3	2	19.65	21.65	33	-11.35
				6	0	18.53	20.53	33	-12.47

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Antenna gain (dBi)		2							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	18615	1851.5	QPSK	1	0	22.22	24.22	33	-8.78
				1	14	22.17	24.17	33	-8.83
				8	4	22.35	24.35	33	-8.65
				15	0	21.25	23.25	33	-9.75
	18900	1880	QPSK	1	0	22.41	24.41	33	-8.59
				1	14	22.57	24.57	33	-8.43
				8	4	22.44	24.44	33	-8.56
				15	0	21.45	23.45	33	-9.55
	19185	1908.5	QPSK	1	0	22.61	24.61	33	-8.39
				1	14	22.54	24.54	33	-8.46
				8	4	22.53	24.53	33	-8.47
				15	0	21.62	23.62	33	-9.38
3	18615	1851.5	16QAM	1	0	21.13	23.13	33	-9.87
				1	14	21.36	23.36	33	-9.64
				8	4	21.26	23.26	33	-9.74
				15	0	20.26	22.26	33	-10.74
	18900	1880	16QAM	1	0	21.58	23.58	33	-9.42
				1	14	21.46	23.46	33	-9.54
				8	4	21.48	23.48	33	-9.52
				15	0	20.60	22.60	33	-10.4
	19185	1908.5	16QAM	1	0	21.62	23.62	33	-9.38
				1	14	21.62	23.62	33	-9.38
				8	4	21.58	23.58	33	-9.42
				15	0	20.51	22.51	33	-10.49
3	18615	1851.5	64QAM	1	0	20.33	22.33	33	-10.67
				1	14	20.24	22.24	33	-10.76
				8	4	20.32	22.32	33	-10.68
				15	0	19.24	21.24	33	-11.76
	18900	1880	64QAM	1	0	20.58	22.58	33	-10.42
				1	14	20.53	22.53	33	-10.47
				8	4	20.47	22.47	33	-10.53
				15	0	19.61	21.61	33	-11.39
	19185	1908.5	64QAM	1	0	20.71	22.71	33	-10.29
				1	14	20.57	22.57	33	-10.43
				8	4	20.59	22.59	33	-10.41
				15	0	19.59	21.59	33	-11.41
3	18615	1851.5	256QAM	1	0	19.21	21.21	33	-11.79
				1	14	19.25	21.25	33	-11.75
				8	4	19.27	21.27	33	-11.73
				15	0	18.26	20.26	33	-12.74
	18900	1880	256QAM	1	0	19.44	21.44	33	-11.56
				1	14	19.55	21.55	33	-11.45
				8	4	19.57	21.57	33	-11.43
				15	0	18.61	20.61	33	-12.39
	19185	1908.5	256QAM	1	0	19.54	21.54	33	-11.46
				1	14	19.59	21.59	33	-11.41
				8	4	19.69	21.69	33	-11.31
				15	0	18.65	20.65	33	-12.35

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LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	18625	1852.5	QPSK	1	0	22.25	24.25	33	-8.75
				1	24	22.16	24.16	33	-8.84
				12	6	22.31	24.31	33	-8.69
				25	0	21.13	23.13	33	-9.87
	18900	1880	QPSK	1	0	22.56	24.56	33	-8.44
				1	24	22.54	24.54	33	-8.46
				12	6	22.59	24.59	33	-8.41
				25	0	21.54	23.54	33	-9.46
	19175	1907.5	QPSK	1	0	22.66	24.66	33	-8.34
				1	24	22.53	24.53	33	-8.47
				12	6	22.69	24.69	33	-8.31
				25	0	21.68	23.68	33	-9.32
5	18625	1852.5	16QAM	1	0	21.26	23.26	33	-9.74
				1	24	21.22	23.22	33	-9.78
				12	6	21.29	23.29	33	-9.71
				25	0	20.33	22.33	33	-10.67
	18900	1880	16QAM	1	0	21.57	23.57	33	-9.43
				1	24	21.63	23.63	33	-9.37
				12	6	21.57	23.57	33	-9.43
				25	0	20.57	22.57	33	-10.43
	19175	1907.5	16QAM	1	0	21.66	23.66	33	-9.34
				1	24	21.54	23.54	33	-9.46
				12	6	21.67	23.67	33	-9.33
				25	0	20.61	22.61	33	-10.39
5	18625	1852.5	64QAM	1	0	20.25	22.25	33	-10.75
				1	24	20.18	22.18	33	-10.82
				12	6	20.36	22.36	33	-10.64
				25	0	19.24	21.24	33	-11.76
	18900	1880	64QAM	1	0	20.53	22.53	33	-10.47
				1	24	20.51	22.51	33	-10.49
				12	6	20.54	22.54	33	-10.46
				25	0	19.53	21.53	33	-11.47
	19175	1907.5	64QAM	1	0	20.60	22.60	33	-10.4
				1	24	20.47	22.47	33	-10.53
				12	6	20.54	22.54	33	-10.46
				25	0	19.65	21.65	33	-11.35
5	18625	1852.5	256QAM	1	0	19.29	21.29	33	-11.71
				1	24	19.17	21.17	33	-11.83
				12	6	19.13	21.13	33	-11.87
				25	0	18.21	20.21	33	-12.79
	18900	1880	256QAM	1	0	19.49	21.49	33	-11.51
				1	24	19.63	21.63	33	-11.37
				12	6	19.63	21.63	33	-11.37
				25	0	18.56	20.56	33	-12.44
	19175	1907.5	256QAM	1	0	19.55	21.55	33	-11.45
				1	24	19.69	21.69	33	-11.31
				12	6	19.55	21.55	33	-11.45
				25	0	18.57	20.57	33	-12.43

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LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	18650	1855	QPSK	1	0	22.25	24.25	33	-8.75
				1	49	22.22	24.22	33	-8.78
				25	12	22.22	24.22	33	-8.78
				50	0	21.20	23.20	33	-9.8
	18900	1880	QPSK	1	0	22.59	24.59	33	-8.41
				1	49	22.49	24.49	33	-8.51
				25	12	22.55	24.55	33	-8.45
				50	0	21.51	23.51	33	-9.49
	19150	1905	QPSK	1	0	22.72	24.72	33	-8.28
				1	49	22.65	24.65	33	-8.35
				25	12	22.64	24.64	33	-8.36
				50	0	21.63	23.63	33	-9.37
10	18650	1855	16QAM	1	0	21.29	23.29	33	-9.71
				1	49	21.10	23.10	33	-9.9
				25	12	21.30	23.30	33	-9.7
				50	0	20.19	22.19	33	-10.81
	18900	1880	16QAM	1	0	21.63	23.63	33	-9.37
				1	49	21.51	23.51	33	-9.49
				25	12	21.52	23.52	33	-9.48
				50	0	20.63	22.63	33	-10.37
	19150	1905	16QAM	1	0	21.61	23.61	33	-9.39
				1	49	21.64	23.64	33	-9.36
				25	12	21.47	23.47	33	-9.53
				50	0	20.54	22.54	33	-10.46
10	18650	1855	64QAM	1	0	20.17	22.17	33	-10.83
				1	49	20.24	22.24	33	-10.76
				25	12	20.13	22.13	33	-10.87
				50	0	19.30	21.30	33	-11.7
	18900	1880	64QAM	1	0	20.55	22.55	33	-10.45
				1	49	20.58	22.58	33	-10.42
				25	12	20.53	22.53	33	-10.47
				50	0	19.63	21.63	33	-11.37
	19150	1905	64QAM	1	0	20.61	22.61	33	-10.39
				1	49	20.46	22.46	33	-10.54
				25	12	20.64	22.64	33	-10.36
				50	0	19.57	21.57	33	-11.43
10	18650	1855	256QAM	1	0	19.19	21.19	33	-11.81
				1	49	19.20	21.20	33	-11.8
				25	12	19.23	21.23	33	-11.77
				50	0	18.28	20.28	33	-12.72
	18900	1880	256QAM	1	0	19.42	21.42	33	-11.58
				1	49	19.53	21.53	33	-11.47
				25	12	19.52	21.52	33	-11.48
				50	0	18.58	20.58	33	-12.42
	19150	1905	256QAM	1	0	19.66	21.66	33	-11.34
				1	49	19.63	21.63	33	-11.37
				25	12	19.67	21.67	33	-11.33
				50	0	18.58	20.58	33	-12.42

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LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	18675	1857.5	QPSK	1	0	22.31	24.31	33	-8.69
				1	74	22.28	24.28	33	-8.72
				36	18	22.26	24.26	33	-8.74
				75	0	21.25	23.25	33	-9.75
	18900	1880	QPSK	1	0	22.58	24.58	33	-8.42
				1	74	22.53	24.53	33	-8.47
				36	18	22.40	24.40	33	-8.6
				75	0	21.52	23.52	33	-9.48
	19125	1902.5	QPSK	1	0	22.62	24.62	33	-8.38
				1	74	22.51	24.51	33	-8.49
				36	18	22.58	24.58	33	-8.42
				75	0	21.65	23.65	33	-9.35
15	18675	1857.5	16QAM	1	0	21.36	23.36	33	-9.64
				1	74	21.17	23.17	33	-9.83
				36	18	21.28	23.28	33	-9.72
				75	0	20.16	22.16	33	-10.84
	18900	1880	16QAM	1	0	21.55	23.55	33	-9.45
				1	74	21.60	23.60	33	-9.4
				36	18	21.55	23.55	33	-9.45
				75	0	20.56	22.56	33	-10.44
	19125	1902.5	16QAM	1	0	21.69	23.69	33	-9.31
				1	74	21.65	23.65	33	-9.35
				36	18	21.70	23.70	33	-9.3
				75	0	20.47	22.47	33	-10.53
15	18675	1857.5	64QAM	1	0	20.29	22.29	33	-10.71
				1	74	20.13	22.13	33	-10.87
				36	18	20.33	22.33	33	-10.67
				75	0	19.17	21.17	33	-11.83
	18900	1880	64QAM	1	0	20.65	22.65	33	-10.35
				1	74	20.56	22.56	33	-10.44
				36	18	20.61	22.61	33	-10.39
				75	0	19.60	21.60	33	-11.4
	19125	1902.5	64QAM	1	0	20.68	22.68	33	-10.32
				1	74	20.57	22.57	33	-10.43
				36	18	20.67	22.67	33	-10.33
				75	0	19.55	21.55	33	-11.45
15	18675	1857.5	256QAM	1	0	19.21	21.21	33	-11.79
				1	74	19.13	21.13	33	-11.87
				36	18	19.19	21.19	33	-11.81
				75	0	18.16	20.16	33	-12.84
	18900	1880	256QAM	1	0	19.55	21.55	33	-11.45
				1	74	19.55	21.55	33	-11.45
				36	18	19.54	21.54	33	-11.46
				75	0	18.57	20.57	33	-12.43
	19125	1902.5	256QAM	1	0	19.68	21.68	33	-11.32
				1	74	19.53	21.53	33	-11.47
				36	18	19.59	21.59	33	-11.41
				75	0	18.69	20.69	33	-12.31

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Antenna gain (dBi)		2							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	18700	1860	QPSK	1	0	22.40	24.40	33	-8.6
				1	99	22.29	24.29	33	-8.71
				50	25	22.28	24.28	33	-8.72
				100	0	21.32	23.32	33	-9.68
	18900	1880	QPSK	1	0	22.70	24.70	33	-8.3
				1	99	22.50	24.50	33	-8.5
				50	25	22.58	24.58	33	-8.42
				100	0	21.48	23.48	33	-9.52
	19100	1900	QPSK	1	0	22.76	24.76	33	-8.24
				1	99	22.61	24.61	33	-8.39
				50	25	22.60	24.60	33	-8.4
				100	0	21.69	23.69	33	-9.31
20	18700	1860	16QAM	1	0	21.25	23.25	33	-9.75
				1	99	21.17	23.17	33	-9.83
				50	25	21.30	23.30	33	-9.7
				100	0	20.19	22.19	33	-10.81
	18900	1880	16QAM	1	0	21.53	23.53	33	-9.47
				1	99	21.49	23.49	33	-9.51
				50	25	21.51	23.51	33	-9.49
				100	0	20.55	22.55	33	-10.45
	19100	1900	16QAM	1	0	21.61	23.61	33	-9.39
				1	99	21.57	23.57	33	-9.43
				50	25	21.65	23.65	33	-9.35
				100	0	20.54	22.54	33	-10.46
20	18700	1860	64QAM	1	0	20.31	22.31	33	-10.69
				1	99	20.33	22.33	33	-10.67
				50	25	20.21	22.21	33	-10.79
				100	0	19.20	21.20	33	-11.8
	18900	1880	64QAM	1	0	20.56	22.56	33	-10.44
				1	99	20.44	22.44	33	-10.56
				50	25	20.55	22.55	33	-10.45
				100	0	19.52	21.52	33	-11.48
	19100	1900	64QAM	1	0	20.52	22.52	33	-10.48
				1	99	20.52	22.52	33	-10.48
				50	25	20.53	22.53	33	-10.47
				100	0	19.61	21.61	33	-11.39
20	18700	1860	256QAM	1	0	19.23	21.23	33	-11.77
				1	99	19.28	21.28	33	-11.72
				50	25	19.11	21.11	33	-11.89
				100	0	18.22	20.22	33	-12.78
	18900	1880	256QAM	1	0	19.43	21.43	33	-11.57
				1	99	19.54	21.54	33	-11.46
				50	25	19.61	21.61	33	-11.39
				100	0	18.63	20.63	33	-12.37
	19100	1900	256QAM	1	0	19.64	21.64	33	-11.36
				1	99	19.68	21.68	33	-11.32
				50	25	19.51	21.51	33	-11.49
				100	0	18.67	20.67	33	-12.33

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Antenna gain (dBi)		2.28							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	19957	1710.7	QPSK	1	0	22.63	24.91	30	-5.09
				1	5	22.71	24.99	30	-5.01
				3	2	22.70	24.98	30	-5.02
				6	0	21.71	23.99	30	-6.01
	20175	1732.5	QPSK	1	0	22.68	24.96	30	-5.04
				1	5	22.65	24.93	30	-5.07
				3	2	22.56	24.84	30	-5.16
				6	0	21.66	23.94	30	-6.06
	20393	1754.3	QPSK	1	0	22.64	24.92	30	-5.08
				1	5	22.60	24.88	30	-5.12
				3	2	22.54	24.82	30	-5.18
				6	0	21.69	23.97	30	-6.03
1.4	19957	1710.7	16QAM	1	0	21.73	24.01	30	-5.99
				1	5	21.59	23.87	30	-6.13
				3	2	21.69	23.97	30	-6.03
				6	0	20.84	23.12	30	-6.88
	20175	1732.5	16QAM	1	0	21.67	23.95	30	-6.05
				1	5	21.66	23.94	30	-6.06
				3	2	21.58	23.86	30	-6.14
				6	0	20.60	22.88	30	-7.12
	20393	1754.3	16QAM	1	0	21.59	23.87	30	-6.13
				1	5	21.68	23.96	30	-6.04
				3	2	21.62	23.90	30	-6.1
				6	0	20.56	22.84	30	-7.16
1.4	19957	1710.7	64QAM	1	0	20.83	23.11	30	-6.89
				1	5	20.64	22.92	30	-7.08
				3	2	20.74	23.02	30	-6.98
				6	0	19.70	21.98	30	-8.02
	20175	1732.5	64QAM	1	0	20.61	22.89	30	-7.11
				1	5	20.50	22.78	30	-7.22
				3	2	20.55	22.83	30	-7.17
				6	0	19.51	21.79	30	-8.21
	20393	1754.3	64QAM	1	0	20.59	22.87	30	-7.13
				1	5	20.73	23.01	30	-6.99
				3	2	20.69	22.97	30	-7.03
				6	0	19.65	21.93	30	-8.07
1.4	19957	1710.7	256QAM	1	0	19.63	21.91	30	-8.09
				1	5	19.70	21.98	30	-8.02
				3	2	19.74	22.02	30	-7.98
				6	0	18.68	20.96	30	-9.04
	20175	1732.5	256QAM	1	0	19.57	21.85	30	-8.15
				1	5	19.50	21.78	30	-8.22
				3	2	19.58	21.86	30	-8.14
				6	0	18.58	20.86	30	-9.14
	20393	1754.3	256QAM	1	0	19.56	21.84	30	-8.16
				1	5	19.60	21.88	30	-8.12
				3	2	19.73	22.01	30	-7.99
				6	0	18.75	21.03	30	-8.97

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Antenna gain (dBi)		2.28							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	19965	1711.5	QPSK	1	0	22.80	25.08	30	-4.92
				1	14	22.73	25.01	30	-4.99
				8	4	22.63	24.91	30	-5.09
				15	0	21.71	23.99	30	-6.01
	20175	1732.5	QPSK	1	0	22.53	24.81	30	-5.19
				1	14	22.66	24.94	30	-5.06
				8	4	22.57	24.85	30	-5.15
				15	0	21.62	23.90	30	-6.1
	20385	1753.5	QPSK	1	0	22.57	24.85	30	-5.15
				1	14	22.67	24.95	30	-5.05
				8	4	22.63	24.91	30	-5.09
				15	0	21.62	23.90	30	-6.1
3	19965	1711.5	16QAM	1	0	21.69	23.97	30	-6.03
				1	14	21.69	23.97	30	-6.03
				8	4	21.73	24.01	30	-5.99
				15	0	20.77	23.05	30	-6.95
	20175	1732.5	16QAM	1	0	21.69	23.97	30	-6.03
				1	14	21.70	23.98	30	-6.02
				8	4	21.60	23.88	30	-6.12
				15	0	20.55	22.83	30	-7.17
	20385	1753.5	16QAM	1	0	21.64	23.92	30	-6.08
				1	14	21.72	24.00	30	-6
				8	4	21.73	24.01	30	-5.99
				15	0	20.62	22.90	30	-7.1
3	19965	1711.5	64QAM	1	0	20.68	22.96	30	-7.04
				1	14	20.62	22.90	30	-7.1
				8	4	20.69	22.97	30	-7.03
				15	0	19.77	22.05	30	-7.95
	20175	1732.5	64QAM	1	0	20.62	22.90	30	-7.1
				1	14	20.49	22.77	30	-7.23
				8	4	20.54	22.82	30	-7.18
				15	0	19.64	21.92	30	-8.08
	20385	1753.5	64QAM	1	0	20.72	23.00	30	-7
				1	14	20.73	23.01	30	-6.99
				8	4	20.55	22.83	30	-7.17
				15	0	19.71	21.99	30	-8.01
3	19965	1711.5	256QAM	1	0	19.73	22.01	30	-7.99
				1	14	19.69	21.97	30	-8.03
				8	4	19.65	21.93	30	-8.07
				15	0	18.70	20.98	30	-9.02
	20175	1732.5	256QAM	1	0	19.68	21.96	30	-8.04
				1	14	19.57	21.85	30	-8.15
				8	4	19.50	21.78	30	-8.22
				15	0	18.54	20.82	30	-9.18
	20385	1753.5	256QAM	1	0	19.60	21.88	30	-8.12
				1	14	19.70	21.98	30	-8.02
				8	4	19.65	21.93	30	-8.07
				15	0	18.65	20.93	30	-9.07

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Antenna gain (dBi)		2.28							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	19975	1712.5	QPSK	1	0	22.74	25.02	30	-4.98
				1	24	22.71	24.99	30	-5.01
				12	6	22.81	25.09	30	-4.91
				25	0	21.82	24.10	30	-5.9
	20175	1732.5	QPSK	1	0	22.64	24.92	30	-5.08
				1	24	22.57	24.85	30	-5.15
				12	6	22.48	24.76	30	-5.24
				25	0	21.56	23.84	30	-6.16
	20375	1752.5	QPSK	1	0	22.67	24.95	30	-5.05
				1	24	22.61	24.89	30	-5.11
				12	6	22.71	24.99	30	-5.01
				25	0	21.55	23.83	30	-6.17
5	19975	1712.5	16QAM	1	0	21.80	24.08	30	-5.92
				1	24	21.61	23.89	30	-6.11
				12	6	21.72	24.00	30	-6
				25	0	20.61	22.89	30	-7.11
	20175	1732.5	16QAM	1	0	21.64	23.92	30	-6.08
				1	24	21.56	23.84	30	-6.16
				12	6	21.64	23.92	30	-6.08
				25	0	20.61	22.89	30	-7.11
	20375	1752.5	16QAM	1	0	21.67	23.95	30	-6.05
				1	24	21.79	24.07	30	-5.93
				12	6	21.62	23.90	30	-6.1
				25	0	20.61	22.89	30	-7.11
5	19975	1712.5	64QAM	1	0	20.67	22.95	30	-7.05
				1	24	20.70	22.98	30	-7.02
				12	6	20.70	22.98	30	-7.02
				25	0	19.72	22.00	30	-8
	20175	1732.5	64QAM	1	0	20.50	22.78	30	-7.22
				1	24	20.57	22.85	30	-7.15
				12	6	20.50	22.78	30	-7.22
				25	0	19.57	21.85	30	-8.15
	20375	1752.5	64QAM	1	0	20.68	22.96	30	-7.04
				1	24	20.71	22.99	30	-7.01
				12	6	20.67	22.95	30	-7.05
				25	0	19.70	21.98	30	-8.02
5	19975	1712.5	256QAM	1	0	19.74	22.02	30	-7.98
				1	24	19.73	22.01	30	-7.99
				12	6	19.67	21.95	30	-8.05
				25	0	18.75	21.03	30	-8.97
	20175	1732.5	256QAM	1	0	19.51	21.79	30	-8.21
				1	24	19.64	21.92	30	-8.08
				12	6	19.63	21.91	30	-8.09
				25	0	18.54	20.82	30	-9.18
	20375	1752.5	256QAM	1	0	19.69	21.97	30	-8.03
				1	24	19.64	21.92	30	-8.08
				12	6	19.59	21.87	30	-8.13
				25	0	18.55	20.83	30	-9.17

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Antenna gain (dBi)		2.28							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	20000	1715	QPSK	1	0	22.79	25.07	30	-4.93
				1	49	22.76	25.04	30	-4.96
				25	12	22.67	24.95	30	-5.05
				50	0	21.74	24.02	30	-5.98
	20175	1732.5	QPSK	1	0	22.61	24.89	30	-5.11
				1	49	22.49	24.77	30	-5.23
				25	12	22.48	24.76	30	-5.24
				50	0	21.67	23.95	30	-6.05
	20350	1750	QPSK	1	0	22.64	24.92	30	-5.08
				1	49	22.68	24.96	30	-5.04
				25	12	22.73	25.01	30	-4.99
				50	0	21.64	23.92	30	-6.08
10	20000	1715	16QAM	1	0	21.69	23.97	30	-6.03
				1	49	21.74	24.02	30	-5.98
				25	12	21.72	24.00	30	-6
				50	0	20.70	22.98	30	-7.02
	20175	1732.5	16QAM	1	0	21.52	23.80	30	-6.2
				1	49	21.60	23.88	30	-6.12
				25	12	21.55	23.83	30	-6.17
				50	0	20.62	22.90	30	-7.1
	20350	1750	16QAM	1	0	21.64	23.92	30	-6.08
				1	49	21.65	23.93	30	-6.07
				25	12	21.63	23.91	30	-6.09
				50	0	20.71	22.99	30	-7.01
10	20000	1715	64QAM	1	0	20.81	23.09	30	-6.91
				1	49	20.62	22.90	30	-7.1
				25	12	20.71	22.99	30	-7.01
				50	0	19.70	21.98	30	-8.02
	20175	1732.5	64QAM	1	0	20.66	22.94	30	-7.06
				1	49	20.53	22.81	30	-7.19
				25	12	20.63	22.91	30	-7.09
				50	0	19.63	21.91	30	-8.09
	20350	1750	64QAM	1	0	20.61	22.89	30	-7.11
				1	49	20.65	22.93	30	-7.07
				25	12	20.62	22.90	30	-7.1
				50	0	19.58	21.86	30	-8.14
10	20000	1715	256QAM	1	0	19.77	22.05	30	-7.95
				1	49	19.60	21.88	30	-8.12
				25	12	19.78	22.06	30	-7.94
				50	0	18.70	20.98	30	-9.02
	20175	1732.5	256QAM	1	0	19.56	21.84	30	-8.16
				1	49	19.45	21.73	30	-8.27
				25	12	19.50	21.78	30	-8.22
				50	0	18.54	20.82	30	-9.18
	20350	1750	256QAM	1	0	19.62	21.90	30	-8.1
				1	49	19.69	21.97	30	-8.03
				25	12	19.58	21.86	30	-8.14
				50	0	18.68	20.96	30	-9.04

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Antenna gain (dBi)		2.28							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	20025	1717.5	QPSK	1	0	22.72	25.00	30	-5
				1	74	22.69	24.97	30	-5.03
				36	18	22.76	25.04	30	-4.96
				75	0	21.83	24.11	30	-5.89
	20175	1732.5	QPSK	1	0	22.60	24.88	30	-5.12
				1	74	22.55	24.83	30	-5.17
				36	18	22.59	24.87	30	-5.13
				75	0	21.53	23.81	30	-6.19
	20325	1747.5	QPSK	1	0	22.68	24.96	30	-5.04
				1	74	22.64	24.92	30	-5.08
				36	18	22.60	24.88	30	-5.12
				75	0	21.66	23.94	30	-6.06
15	20025	1717.5	16QAM	1	0	21.65	23.93	30	-6.07
				1	74	21.64	23.92	30	-6.08
				36	18	21.67	23.95	30	-6.05
				75	0	20.60	22.88	30	-7.12
	20175	1732.5	16QAM	1	0	21.48	23.76	30	-6.24
				1	74	21.55	23.83	30	-6.17
				36	18	21.60	23.88	30	-6.12
				75	0	20.51	22.79	30	-7.21
	20325	1747.5	16QAM	1	0	21.55	23.83	30	-6.17
				1	74	21.56	23.84	30	-6.16
				36	18	21.60	23.88	30	-6.12
				75	0	20.69	22.97	30	-7.03
15	20025	1717.5	64QAM	1	0	20.75	23.03	30	-6.97
				1	74	20.69	22.97	30	-7.03
				36	18	20.73	23.01	30	-6.99
				75	0	19.63	21.91	30	-8.09
	20175	1732.5	64QAM	1	0	20.62	22.90	30	-7.1
				1	74	20.58	22.86	30	-7.14
				36	18	20.57	22.85	30	-7.15
				75	0	19.45	21.73	30	-8.27
	20325	1747.5	64QAM	1	0	20.54	22.82	30	-7.18
				1	74	20.59	22.87	30	-7.13
				36	18	20.72	23.00	30	-7
				75	0	19.66	21.94	30	-8.06
15	20025	1717.5	256QAM	1	0	19.61	21.89	30	-8.11
				1	74	19.64	21.92	30	-8.08
				36	18	19.62	21.90	30	-8.1
				75	0	18.65	20.93	30	-9.07
	20175	1732.5	256QAM	1	0	19.46	21.74	30	-8.26
				1	74	19.58	21.86	30	-8.14
				36	18	19.49	21.77	30	-8.23
				75	0	18.52	20.80	30	-9.2
	20325	1747.5	256QAM	1	0	19.55	21.83	30	-8.17
				1	74	19.62	21.90	30	-8.1
				36	18	19.75	22.03	30	-7.97
				75	0	18.60	20.88	30	-9.12

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Antenna gain (dBi)		2.28							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	20050	1720	QPSK	1	0	22.87	25.15	30	-4.85
				1	99	22.72	25.00	30	-5
				50	25	22.67	24.95	30	-5.05
				100	0	21.78	24.06	30	-5.94
	20175	1732.5	QPSK	1	0	22.73	25.01	30	-4.99
				1	99	22.60	24.88	30	-5.12
				50	25	22.56	24.84	30	-5.16
				100	0	21.58	23.86	30	-6.14
	20300	1745	QPSK	1	0	22.81	25.09	30	-4.91
				1	99	22.70	24.98	30	-5.02
				50	25	22.57	24.85	30	-5.15
				100	0	21.62	23.90	30	-6.1
20	20050	1720	16QAM	1	0	21.59	23.87	30	-6.13
				1	99	21.76	24.04	30	-5.96
				50	25	21.78	24.06	30	-5.94
				100	0	20.75	23.03	30	-6.97
	20175	1732.5	16QAM	1	0	21.49	23.77	30	-6.23
				1	99	21.54	23.82	30	-6.18
				50	25	21.57	23.85	30	-6.15
				100	0	20.55	22.83	30	-7.17
	20300	1745	16QAM	1	0	21.69	23.97	30	-6.03
				1	99	21.71	23.99	30	-6.01
				50	25	21.68	23.96	30	-6.04
				100	0	20.73	23.01	30	-6.99
20	20050	1720	64QAM	1	0	20.78	23.06	30	-6.94
				1	99	20.75	23.03	30	-6.97
				50	25	20.67	22.95	30	-7.05
				100	0	19.71	21.99	30	-8.01
	20175	1732.5	64QAM	1	0	20.50	22.78	30	-7.22
				1	99	20.58	22.86	30	-7.14
				50	25	20.56	22.84	30	-7.16
				100	0	19.64	21.92	30	-8.08
	20300	1745	64QAM	1	0	20.55	22.83	30	-7.17
				1	99	20.70	22.98	30	-7.02
				50	25	20.67	22.95	30	-7.05
				100	0	19.75	22.03	30	-7.97
20	20050	1720	256QAM	1	0	19.60	21.88	30	-8.12
				1	99	19.69	21.97	30	-8.03
				50	25	19.81	22.09	30	-7.91
				100	0	18.62	20.90	30	-9.1
	20175	1732.5	256QAM	1	0	19.66	21.94	30	-8.06
				1	99	19.49	21.77	30	-8.23
				50	25	19.61	21.89	30	-8.11
				100	0	18.59	20.87	30	-9.13
	20300	1745	256QAM	1	0	19.64	21.92	30	-8.08
				1	99	19.74	22.02	30	-7.98
				50	25	19.58	21.86	30	-8.14
				100	0	18.71	20.99	30	-9.01

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Antenna gain (dBi)		0.74								
LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	20407	824.7	QPSK	1	0	22.90	23.64	21.49	38.45	-16.96
				1	5	22.90	23.64	21.49	38.45	-16.96
				3	2	22.91	23.65	21.50	38.45	-16.95
				6	0	22.03	22.77	20.62	38.45	-17.83
	20525	836.5	QPSK	1	0	22.77	23.51	21.36	38.45	-17.09
				1	5	22.71	23.45	21.30	38.45	-17.15
				3	2	22.87	23.61	21.46	38.45	-16.99
				6	0	21.85	22.59	20.44	38.45	-18.01
	20643	848.3	QPSK	1	0	22.57	23.31	21.16	38.45	-17.29
				1	5	22.65	23.39	21.24	38.45	-17.21
				3	2	22.65	23.39	21.24	38.45	-17.21
				6	0	21.70	22.44	20.29	38.45	-18.16
1.4	20407	824.7	16QAM	1	0	21.90	22.64	20.49	38.45	-17.96
				1	5	21.89	22.63	20.48	38.45	-17.97
				3	2	21.90	22.64	20.49	38.45	-17.96
				6	0	20.88	21.62	19.47	38.45	-18.98
	20525	836.5	16QAM	1	0	21.90	22.64	20.49	38.45	-17.96
				1	5	21.95	22.69	20.54	38.45	-17.91
				3	2	21.74	22.48	20.33	38.45	-18.12
				6	0	20.78	21.52	19.37	38.45	-19.08
	20643	848.3	16QAM	1	0	21.69	22.43	20.28	38.45	-18.17
				1	5	21.52	22.26	20.11	38.45	-18.34
				3	2	21.67	22.41	20.26	38.45	-18.19
				6	0	20.62	21.36	19.21	38.45	-19.24
1.4	20407	824.7	64QAM	1	0	20.87	21.61	19.46	38.45	-18.99
				1	5	20.93	21.67	19.52	38.45	-18.93
				3	2	20.98	21.72	19.57	38.45	-18.88
				6	0	19.88	20.62	18.47	38.45	-19.98
	20525	836.5	64QAM	1	0	20.97	21.71	19.56	38.45	-18.89
				1	5	20.73	21.47	19.32	38.45	-19.13
				3	2	20.92	21.66	19.51	38.45	-18.94
				6	0	19.73	20.47	18.32	38.45	-20.13
	20643	848.3	64QAM	1	0	20.61	21.35	19.20	38.45	-19.25
				1	5	20.69	21.43	19.28	38.45	-19.17
				3	2	20.63	21.37	19.22	38.45	-19.23
				6	0	19.60	20.34	18.19	38.45	-20.26
1.4	20407	824.7	256QAM	1	0	19.85	20.59	18.44	38.45	-20.01
				1	5	19.92	20.66	18.51	38.45	-19.94
				3	2	19.93	20.67	18.52	38.45	-19.93
				6	0	18.91	19.65	17.50	38.45	-20.95
	20525	836.5	256QAM	1	0	19.81	20.55	18.40	38.45	-20.05
				1	5	19.79	20.53	18.38	38.45	-20.07
				3	2	19.81	20.55	18.40	38.45	-20.05
				6	0	18.76	19.50	17.35	38.45	-21.10
	20643	848.3	256QAM	1	0	19.65	20.39	18.24	38.45	-20.21
				1	5	19.70	20.44	18.29	38.45	-20.16
				3	2	19.59	20.33	18.18	38.45	-20.27
				6	0	18.57	19.31	17.16	38.45	-21.29

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Antenna gain (dBi)		0.74								
LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	20415	825.5	QPSK	1	0	23.09	23.83	21.68	38.45	-16.77
				1	14	23.12	23.86	21.71	38.45	-16.74
				8	4	22.10	22.84	20.69	38.45	-17.76
				15	0	22.04	22.78	20.63	38.45	-17.82
	20525	836.5	QPSK	1	0	22.99	23.73	21.58	38.45	-16.87
				1	14	23.05	23.79	21.64	38.45	-16.81
				8	4	22.02	22.76	20.61	38.45	-17.84
				15	0	21.89	22.63	20.48	38.45	-17.97
	20635	847.5	QPSK	1	0	22.78	23.52	21.37	38.45	-17.08
				1	14	22.84	23.58	21.43	38.45	-17.02
				8	4	21.85	22.59	20.44	38.45	-18.01
				15	0	21.74	22.48	20.33	38.45	-18.12
3	20415	825.5	16QAM	1	0	22.01	22.75	20.60	38.45	-17.85
				1	14	22.04	22.78	20.63	38.45	-17.82
				8	4	21.12	21.86	19.71	38.45	-18.74
				15	0	21.06	21.80	19.65	38.45	-18.80
	20525	836.5	16QAM	1	0	21.81	22.55	20.40	38.45	-18.05
				1	14	21.85	22.59	20.44	38.45	-18.01
				8	4	20.94	21.68	19.53	38.45	-18.92
				15	0	20.93	21.67	19.52	38.45	-18.93
	20635	847.5	16QAM	1	0	21.82	22.56	20.41	38.45	-18.04
				1	14	21.87	22.61	20.46	38.45	-17.99
				8	4	20.79	21.53	19.38	38.45	-19.07
				15	0	20.84	21.58	19.43	38.45	-19.02
3	20415	825.5	64QAM	1	0	20.97	21.71	19.56	38.45	-18.89
				1	14	21.09	21.83	19.68	38.45	-18.77
				8	4	20.03	20.77	18.62	38.45	-19.83
				15	0	20.10	20.84	18.69	38.45	-19.76
	20525	836.5	64QAM	1	0	21.03	21.77	19.62	38.45	-18.83
				1	14	20.89	21.63	19.48	38.45	-18.97
				8	4	19.87	20.61	18.46	38.45	-19.99
				15	0	19.89	20.63	18.48	38.45	-19.97
	20635	847.5	64QAM	1	0	20.84	21.58	19.43	38.45	-19.02
				1	14	20.87	21.61	19.46	38.45	-18.99
				8	4	19.92	20.66	18.51	38.45	-19.94
				15	0	19.78	20.52	18.37	38.45	-20.08
3	20415	825.5	256QAM	1	0	20.00	20.74	18.59	38.45	-19.86
				1	14	20.09	20.83	18.68	38.45	-19.77
				8	4	19.02	19.76	17.61	38.45	-20.84
				15	0	19.01	19.75	17.60	38.45	-20.85
	20525	836.5	256QAM	1	0	20.03	20.77	18.62	38.45	-19.83
				1	14	19.94	20.68	18.53	38.45	-19.92
				8	4	18.83	19.57	17.42	38.45	-21.03
				15	0	18.90	19.64	17.49	38.45	-20.96
	20635	847.5	256QAM	1	0	19.88	20.62	18.47	38.45	-19.98
				1	14	19.97	20.71	18.56	38.45	-19.89
				8	4	18.94	19.68	17.53	38.45	-20.92
				15	0	18.86	19.60	17.45	38.45	-21.00

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Antenna gain (dBi)		0.74								
LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	20425	826.5	QPSK	1	0	23.11	23.85	21.70	38.45	-16.75
				1	24	22.95	23.69	21.54	38.45	-16.91
				12	6	22.04	22.78	20.63	38.45	-17.82
				25	0	21.97	22.71	20.56	38.45	-17.89
	20525	836.5	QPSK	1	0	22.89	23.63	21.48	38.45	-16.97
				1	24	22.87	23.61	21.46	38.45	-16.99
				12	6	21.92	22.66	20.51	38.45	-17.94
				25	0	22.00	22.74	20.59	38.45	-17.86
	20625	846.5	QPSK	1	0	22.86	23.60	21.45	38.45	-17.00
				1	24	22.87	23.61	21.46	38.45	-16.99
				12	6	21.83	22.57	20.42	38.45	-18.03
				25	0	21.89	22.63	20.48	38.45	-17.97
5	20425	826.5	16QAM	1	0	22.07	22.81	20.66	38.45	-17.79
				1	24	22.09	22.83	20.68	38.45	-17.77
				12	6	21.09	21.83	19.68	38.45	-18.77
				25	0	21.00	21.74	19.59	38.45	-18.86
	20525	836.5	16QAM	1	0	22.00	22.74	20.59	38.45	-17.86
				1	24	22.01	22.75	20.60	38.45	-17.85
				12	6	20.85	21.59	19.44	38.45	-19.01
				25	0	20.88	21.62	19.47	38.45	-18.98
	20625	846.5	16QAM	1	0	21.86	22.60	20.45	38.45	-18.00
				1	24	21.91	22.65	20.50	38.45	-17.95
				12	6	20.89	21.63	19.48	38.45	-18.97
				25	0	20.82	21.56	19.41	38.45	-19.04
5	20425	826.5	64QAM	1	0	21.04	21.78	19.63	38.45	-18.82
				1	24	21.02	21.76	19.61	38.45	-18.84
				12	6	20.04	20.78	18.63	38.45	-19.82
				25	0	20.03	20.77	18.62	38.45	-19.83
	20525	836.5	64QAM	1	0	20.91	21.65	19.50	38.45	-18.95
				1	24	20.96	21.70	19.55	38.45	-18.90
				12	6	19.90	20.64	18.49	38.45	-19.96
				25	0	19.97	20.71	18.56	38.45	-19.89
	20625	846.5	64QAM	1	0	20.90	21.64	19.49	38.45	-18.96
				1	24	20.82	21.56	19.41	38.45	-19.04
				12	6	19.79	20.53	18.38	38.45	-20.07
				25	0	19.81	20.55	18.40	38.45	-20.05
5	20425	826.5	256QAM	1	0	19.97	20.71	18.56	38.45	-19.89
				1	24	20.01	20.75	18.60	38.45	-19.85
				12	6	19.11	19.85	17.70	38.45	-20.75
				25	0	19.00	19.74	17.59	38.45	-20.86
	20525	836.5	256QAM	1	0	19.93	20.67	18.52	38.45	-19.93
				1	24	19.90	20.64	18.49	38.45	-19.96
				12	6	18.95	19.69	17.54	38.45	-20.91
				25	0	18.98	19.72	17.57	38.45	-20.88
	20625	846.5	256QAM	1	0	19.83	20.57	18.42	38.45	-20.03
				1	24	19.86	20.60	18.45	38.45	-20.00
				12	6	18.79	19.53	17.38	38.45	-21.07
				25	0	18.95	19.69	17.54	38.45	-20.91

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Antenna gain (dBi)		0.74								
LTE Band 5_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	20450	829	QPSK	1	0	23.22	23.96	21.81	38.45	-16.64
				1	49	23.07	23.81	21.66	38.45	-16.79
				25	12	22.09	22.83	20.68	38.45	-17.77
				50	0	22.03	22.77	20.62	38.45	-17.83
	20525	836.5	QPSK	1	0	23.08	23.82	21.67	38.45	-16.78
				1	49	22.88	23.62	21.47	38.45	-16.98
				25	12	21.92	22.66	20.51	38.45	-17.94
				50	0	21.90	22.64	20.49	38.45	-17.96
	20600	844	QPSK	1	0	23.01	23.75	21.60	38.45	-16.85
				1	49	22.81	23.55	21.40	38.45	-17.05
				25	12	21.81	22.55	20.40	38.45	-18.05
				50	0	21.82	22.56	20.41	38.45	-18.04
10	20450	829	16QAM	1	0	21.99	22.73	20.58	38.45	-17.87
				1	49	22.03	22.77	20.62	38.45	-17.83
				25	12	20.99	21.73	19.58	38.45	-18.87
				50	0	21.06	21.80	19.65	38.45	-18.80
	20525	836.5	16QAM	1	0	21.96	22.70	20.55	38.45	-17.90
				1	49	21.83	22.57	20.42	38.45	-18.03
				25	12	21.04	21.78	19.63	38.45	-18.82
				50	0	20.84	21.58	19.43	38.45	-19.02
	20600	844	16QAM	1	0	21.90	22.64	20.49	38.45	-17.96
				1	49	21.73	22.47	20.32	38.45	-18.13
				25	12	20.97	21.71	19.56	38.45	-18.89
				50	0	20.93	21.67	19.52	38.45	-18.93
10	20450	829	64QAM	1	0	21.03	21.77	19.62	38.45	-18.83
				1	49	21.11	21.85	19.70	38.45	-18.75
				25	12	20.05	20.79	18.64	38.45	-19.81
				50	0	20.15	20.89	18.74	38.45	-19.71
	20525	836.5	64QAM	1	0	21.00	21.74	19.59	38.45	-18.86
				1	49	20.93	21.67	19.52	38.45	-18.93
				25	12	20.02	20.76	18.61	38.45	-19.84
				50	0	19.85	20.59	18.44	38.45	-20.01
	20600	844	64QAM	1	0	20.81	21.55	19.40	38.45	-19.05
				1	49	20.76	21.50	19.35	38.45	-19.10
				25	12	19.86	20.60	18.45	38.45	-20.00
				50	0	19.93	20.67	18.52	38.45	-19.93
10	20450	829	256QAM	1	0	20.05	20.79	18.64	38.45	-19.81
				1	49	20.09	20.83	18.68	38.45	-19.77
				25	12	19.07	19.81	17.66	38.45	-20.79
				50	0	19.03	19.77	17.62	38.45	-20.83
	20525	836.5	256QAM	1	0	19.93	20.67	18.52	38.45	-19.93
				1	49	19.89	20.63	18.48	38.45	-19.97
				25	12	18.89	19.63	17.48	38.45	-20.97
				50	0	18.93	19.67	17.52	38.45	-20.93
	20600	844	256QAM	1	0	19.87	20.61	18.46	38.45	-19.99
				1	49	19.82	20.56	18.41	38.45	-20.04
				25	12	18.90	19.64	17.49	38.45	-20.96
				50	0	18.96	19.70	17.55	38.45	-20.90

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Antenna gain (dBi)		1.17							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	20775	2502.5	QPSK	1	0	22.54	23.71	33	-9.29
				1	24	22.49	23.66	33	-9.34
				12	6	22.59	23.76	33	-9.24
				25	0	21.61	22.78	33	-10.22
	21100	2535	QPSK	1	0	22.53	23.70	33	-9.3
				1	24	22.68	23.85	33	-9.15
				12	6	22.62	23.79	33	-9.21
				25	0	21.60	22.77	33	-10.23
	21425	2567.5	QPSK	1	0	22.76	23.93	33	-9.07
				1	24	22.68	23.85	33	-9.15
				12	6	22.66	23.83	33	-9.17
				25	0	21.79	22.96	33	-10.04
5	20775	2502.5	16QAM	1	0	21.64	22.81	33	-10.19
				1	24	21.59	22.76	33	-10.24
				12	6	21.59	22.76	33	-10.24
				25	0	20.46	21.63	33	-11.37
	21100	2535	16QAM	1	0	21.75	22.92	33	-10.08
				1	24	21.67	22.84	33	-10.16
				12	6	21.58	22.75	33	-10.25
				25	0	20.60	21.77	33	-11.23
	21425	2567.5	16QAM	1	0	21.61	22.78	33	-10.22
				1	24	21.68	22.85	33	-10.15
				12	6	21.63	22.80	33	-10.2
				25	0	20.79	21.96	33	-11.04
5	20775	2502.5	64QAM	1	0	20.54	21.71	33	-11.29
				1	24	20.53	21.70	33	-11.3
				12	6	20.55	21.72	33	-11.28
				25	0	19.50	20.67	33	-12.33
	21100	2535	64QAM	1	0	20.61	21.78	33	-11.22
				1	24	20.60	21.77	33	-11.23
				12	6	20.53	21.70	33	-11.3
				25	0	19.63	20.80	33	-12.2
	21425	2567.5	64QAM	1	0	20.75	21.92	33	-11.08
				1	24	20.63	21.80	33	-11.2
				12	6	20.76	21.93	33	-11.07
				25	0	19.71	20.88	33	-12.12
5	20775	2502.5	256QAM	1	0	19.46	20.63	33	-12.37
				1	24	19.53	20.70	33	-12.3
				12	6	19.44	20.61	33	-12.39
				25	0	18.57	19.74	33	-13.26
	21100	2535	256QAM	1	0	19.60	20.77	33	-12.23
				1	24	19.54	20.71	33	-12.29
				12	6	19.57	20.74	33	-12.26
				25	0	18.65	19.82	33	-13.18
	21425	2567.5	256QAM	1	0	19.74	20.91	33	-12.09
				1	24	19.71	20.88	33	-12.12
				12	6	19.70	20.87	33	-12.13
				25	0	18.69	19.86	33	-13.14

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Antenna gain (dBi)		1.17							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	20800	2505	QPSK	1	0	22.58	23.75	33	-9.25
				1	49	22.61	23.78	33	-9.22
				25	12	22.50	23.67	33	-9.33
				50	0	21.56	22.73	33	-10.27
	21100	2535	QPSK	1	0	22.53	23.70	33	-9.3
				1	49	22.72	23.89	33	-9.11
				25	12	22.56	23.73	33	-9.27
				50	0	21.61	22.78	33	-10.22
	21400	2565	QPSK	1	0	22.74	23.91	33	-9.09
				1	49	22.73	23.90	33	-9.1
				25	12	22.72	23.89	33	-9.11
				50	0	21.57	22.74	33	-10.26
10	20800	2505	16QAM	1	0	21.55	22.72	33	-10.28
				1	49	21.41	22.58	33	-10.42
				25	12	21.55	22.72	33	-10.28
				50	0	20.51	21.68	33	-11.32
	21100	2535	16QAM	1	0	21.52	22.69	33	-10.31
				1	49	21.63	22.80	33	-10.2
				25	12	21.69	22.86	33	-10.14
				50	0	20.66	21.83	33	-11.17
	21400	2565	16QAM	1	0	21.67	22.84	33	-10.16
				1	49	21.61	22.78	33	-10.22
				25	12	21.73	22.90	33	-10.1
				50	0	20.63	21.80	33	-11.2
10	20800	2505	64QAM	1	0	20.65	21.82	33	-11.18
				1	49	20.47	21.64	33	-11.36
				25	12	20.66	21.83	33	-11.17
				50	0	19.60	20.77	33	-12.23
	21100	2535	64QAM	1	0	20.60	21.77	33	-11.23
				1	49	20.60	21.77	33	-11.23
				25	12	20.57	21.74	33	-11.26
				50	0	19.65	20.82	33	-12.18
	21400	2565	64QAM	1	0	20.79	21.96	33	-11.04
				1	49	20.70	21.87	33	-11.13
				25	12	20.71	21.88	33	-11.12
				50	0	19.60	20.77	33	-12.23
10	20800	2505	256QAM	1	0	19.48	20.65	33	-12.35
				1	49	19.56	20.73	33	-12.27
				25	12	19.65	20.82	33	-12.18
				50	0	18.50	19.67	33	-13.33
	21100	2535	256QAM	1	0	19.58	20.75	33	-12.25
				1	49	19.67	20.84	33	-12.16
				25	12	19.62	20.79	33	-12.21
				50	0	18.71	19.88	33	-13.12
	21400	2565	256QAM	1	0	19.64	20.81	33	-12.19
				1	49	19.70	20.87	33	-12.13
				25	12	19.71	20.88	33	-12.12
				50	0	18.71	19.88	33	-13.12

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Antenna gain (dBi)		1.17							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	20825	2507.5	QPSK	1	0	22.45	23.62	33	-9.38
				1	74	22.59	23.76	33	-9.24
				36	18	22.55	23.72	33	-9.28
				75	0	21.57	22.74	33	-10.26
	21100	2535	QPSK	1	0	22.61	23.78	33	-9.22
				1	74	22.67	23.84	33	-9.16
				36	18	22.73	23.90	33	-9.1
				75	0	21.65	22.82	33	-10.18
	21375	2562.5	QPSK	1	0	22.78	23.95	33	-9.05
				1	74	22.72	23.89	33	-9.11
				36	18	22.68	23.85	33	-9.15
				75	0	21.62	22.79	33	-10.21
15	20825	2507.5	16QAM	1	0	21.52	22.69	33	-10.31
				1	74	21.65	22.82	33	-10.18
				36	18	21.58	22.75	33	-10.25
				75	0	20.49	21.66	33	-11.34
	21100	2535	16QAM	1	0	21.72	22.89	33	-10.11
				1	74	21.74	22.91	33	-10.09
				36	18	21.68	22.85	33	-10.15
				75	0	20.55	21.72	33	-11.28
	21375	2562.5	16QAM	1	0	21.74	22.91	33	-10.09
				1	74	21.64	22.81	33	-10.19
				36	18	21.74	22.91	33	-10.09
				75	0	20.68	21.85	33	-11.15
15	20825	2507.5	64QAM	1	0	20.60	21.77	33	-11.23
				1	74	20.51	21.68	33	-11.32
				36	18	20.43	21.60	33	-11.4
				75	0	19.55	20.72	33	-12.28
	21100	2535	64QAM	1	0	20.74	21.91	33	-11.09
				1	74	20.64	21.81	33	-11.19
				36	18	20.73	21.90	33	-11.1
				75	0	19.69	20.86	33	-12.14
	21375	2562.5	64QAM	1	0	20.68	21.85	33	-11.15
				1	74	20.72	21.89	33	-11.11
				36	18	20.60	21.77	33	-11.23
				75	0	19.64	20.81	33	-12.19
15	20825	2507.5	256QAM	1	0	19.61	20.78	33	-12.22
				1	74	19.59	20.76	33	-12.24
				36	18	19.54	20.71	33	-12.29
				75	0	18.55	19.72	33	-13.28
	21100	2535	256QAM	1	0	19.59	20.76	33	-12.24
				1	74	19.58	20.75	33	-12.25
				36	18	19.66	20.83	33	-12.17
				75	0	18.58	19.75	33	-13.25
	21375	2562.5	256QAM	1	0	19.73	20.90	33	-12.1
				1	74	19.59	20.76	33	-12.24
				36	18	19.65	20.82	33	-12.18
				75	0	18.79	19.96	33	-13.04

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Antenna gain (dBi)		1.17							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	20850	2510	QPSK	1	0	22.71	23.88	33	-9.12
				1	99	22.55	23.72	33	-9.28
				50	25	22.67	23.84	33	-9.16
				100	0	21.52	22.69	33	-10.31
	21100	2535	QPSK	1	0	22.80	23.97	33	-9.03
				1	99	22.51	23.68	33	-9.32
				50	25	22.64	23.81	33	-9.19
				100	0	21.54	22.71	33	-10.29
	21350	2560	QPSK	1	0	22.84	24.01	33	-8.99
				1	99	22.68	23.85	33	-9.15
				50	25	22.75	23.92	33	-9.08
				100	0	21.67	22.84	33	-10.16
20	20850	2510	QPSK	1	0	21.55	22.72	33	-10.28
				1	99	21.54	22.71	33	-10.29
				50	25	21.60	22.77	33	-10.23
				100	0	20.41	21.58	33	-11.42
	21100	2535	QPSK	1	0	21.71	22.88	33	-10.12
				1	99	21.69	22.86	33	-10.14
				50	25	21.59	22.76	33	-10.24
				100	0	20.60	21.77	33	-11.23
	21350	2560	QPSK	1	0	21.59	22.76	33	-10.24
				1	99	21.76	22.93	33	-10.07
				50	25	21.59	22.76	33	-10.24
				100	0	20.74	21.91	33	-11.09
20	20850	2510	QPSK	1	0	20.47	21.64	33	-11.36
				1	99	20.54	21.71	33	-11.29
				50	25	20.53	21.70	33	-11.3
				100	0	19.62	20.79	33	-12.21
	21100	2535	QPSK	1	0	20.69	21.86	33	-11.14
				1	99	20.62	21.79	33	-11.21
				50	25	20.68	21.85	33	-11.15
				100	0	19.54	20.71	33	-12.29
	21350	2560	QPSK	1	0	20.67	21.84	33	-11.16
				1	99	20.78	21.95	33	-11.05
				50	25	20.63	21.80	33	-11.2
				100	0	19.68	20.85	33	-12.15
20	20850	2510	QPSK	1	0	19.60	20.77	33	-12.23
				1	99	19.55	20.72	33	-12.28
				50	25	19.54	20.71	33	-12.29
				100	0	18.46	19.63	33	-13.37
	21100	2535	QPSK	1	0	19.60	20.77	33	-12.23
				1	99	19.69	20.86	33	-12.14
				50	25	19.58	20.75	33	-12.25
				100	0	18.63	19.80	33	-13.2
	21350	2560	QPSK	1	0	19.66	20.83	33	-12.17
				1	99	19.67	20.84	33	-12.16
				50	25	19.70	20.87	33	-12.13
				100	0	18.64	19.81	33	-13.19

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Antenna gain (dBi)		0.58								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	23017	699.7	QPSK	1	0	22.86	23.44	21.29	34.77	-13.48
				1	5	22.88	23.46	21.31	34.77	-13.46
				3	2	22.96	23.54	21.39	34.77	-13.38
				6	0	21.77	22.35	20.20	34.77	-14.57
	23095	707.5	QPSK	1	0	22.80	23.38	21.23	34.77	-13.54
				1	5	22.85	23.43	21.28	34.77	-13.49
				3	2	22.77	23.35	21.20	34.77	-13.57
				6	0	21.88	22.46	20.31	34.77	-14.46
	23173	715.3	QPSK	1	0	22.78	23.36	21.21	34.77	-13.56
				1	5	22.90	23.48	21.33	34.77	-13.44
				3	2	22.78	23.36	21.21	34.77	-13.56
				6	0	21.81	22.39	20.24	34.77	-14.53
1.4	23017	699.7	16QAM	1	0	21.84	22.42	20.27	34.77	-14.50
				1	5	21.94	22.52	20.37	34.77	-14.40
				3	2	21.91	22.49	20.34	34.77	-14.43
				6	0	21.01	21.59	19.44	34.77	-15.33
	23095	707.5	16QAM	1	0	21.83	22.41	20.26	34.77	-14.51
				1	5	21.84	22.42	20.27	34.77	-14.50
				3	2	21.79	22.37	20.22	34.77	-14.55
				6	0	20.84	21.42	19.27	34.77	-15.50
	23173	715.3	16QAM	1	0	21.85	22.43	20.28	34.77	-14.49
				1	5	21.75	22.33	20.18	34.77	-14.59
				3	2	21.86	22.44	20.29	34.77	-14.48
				6	0	20.74	21.32	19.17	34.77	-15.60
1.4	23017	699.7	64QAM	1	0	20.79	21.37	19.22	34.77	-15.55
				1	5	20.87	21.45	19.30	34.77	-15.47
				3	2	20.98	21.56	19.41	34.77	-15.36
				6	0	19.77	20.35	18.20	34.77	-16.57
	23095	707.5	64QAM	1	0	20.86	21.44	19.29	34.77	-15.48
				1	5	20.68	21.26	19.11	34.77	-15.66
				3	2	20.87	21.45	19.30	34.77	-15.47
				6	0	19.85	20.43	18.28	34.77	-16.49
	23173	715.3	64QAM	1	0	20.77	21.35	19.20	34.77	-15.57
				1	5	20.82	21.40	19.25	34.77	-15.52
				3	2	20.85	21.43	19.28	34.77	-15.49
				6	0	19.71	20.29	18.14	34.77	-16.63
1.4	23017	699.7	256QAM	1	0	19.92	20.50	18.35	34.77	-16.42
				1	5	19.86	20.44	18.29	34.77	-16.48
				3	2	19.89	20.47	18.32	34.77	-16.45
				6	0	18.94	19.52	17.37	34.77	-17.40
	23095	707.5	256QAM	1	0	19.88	20.46	18.31	34.77	-16.46
				1	5	19.78	20.36	18.21	34.77	-16.56
				3	2	19.82	20.40	18.25	34.77	-16.52
				6	0	18.78	19.36	17.21	34.77	-17.56
	23173	715.3	256QAM	1	0	19.76	20.34	18.19	34.77	-16.58
				1	5	19.77	20.35	18.20	34.77	-16.57
				3	2	19.75	20.33	18.18	34.77	-16.59
				6	0	18.81	19.39	17.24	34.77	-17.53

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LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	23025	700.5	QPSK	1	0	22.79	23.37	21.22	34.77	-13.55
				1	14	22.82	23.40	21.25	34.77	-13.52
				8	4	22.81	23.39	21.24	34.77	-13.53
				15	0	21.84	22.42	20.27	34.77	-14.50
	23095	707.5	QPSK	1	0	22.85	23.43	21.28	34.77	-13.49
				1	14	22.89	23.47	21.32	34.77	-13.45
				8	4	22.87	23.45	21.30	34.77	-13.47
				15	0	21.81	22.39	20.24	34.77	-14.53
	23165	714.5	QPSK	1	0	22.77	23.35	21.20	34.77	-13.57
				1	14	22.88	23.46	21.31	34.77	-13.46
				8	4	22.82	23.40	21.25	34.77	-13.52
				15	0	21.73	22.31	20.16	34.77	-14.61
3	23025	700.5	16QAM	1	0	21.92	22.50	20.35	34.77	-14.42
				1	14	21.84	22.42	20.27	34.77	-14.50
				8	4	21.88	22.46	20.31	34.77	-14.46
				15	0	20.81	21.39	19.24	34.77	-15.53
	23095	707.5	16QAM	1	0	21.91	22.49	20.34	34.77	-14.43
				1	14	21.80	22.38	20.23	34.77	-14.54
				8	4	21.70	22.28	20.13	34.77	-14.64
				15	0	20.92	21.50	19.35	34.77	-15.42
	23165	714.5	16QAM	1	0	21.75	22.33	20.18	34.77	-14.59
				1	14	21.77	22.35	20.20	34.77	-14.57
				8	4	21.82	22.40	20.25	34.77	-14.52
				15	0	20.89	21.47	19.32	34.77	-15.45
3	23025	700.5	64QAM	1	0	20.99	21.57	19.42	34.77	-15.35
				1	14	20.89	21.47	19.32	34.77	-15.45
				8	4	20.80	21.38	19.23	34.77	-15.54
				15	0	19.82	20.40	18.25	34.77	-16.52
	23095	707.5	64QAM	1	0	20.82	21.40	19.25	34.77	-15.52
				1	14	20.84	21.42	19.27	34.77	-15.50
				8	4	20.83	21.41	19.26	34.77	-15.51
				15	0	19.78	20.36	18.21	34.77	-16.56
	23165	714.5	64QAM	1	0	20.74	21.32	19.17	34.77	-15.60
				1	14	20.73	21.31	19.16	34.77	-15.61
				8	4	20.75	21.33	19.18	34.77	-15.59
				15	0	19.80	20.38	18.23	34.77	-16.54
3	23025	700.5	256QAM	1	0	19.78	20.36	18.21	34.77	-16.56
				1	14	19.98	20.56	18.41	34.77	-16.36
				8	4	19.79	20.37	18.22	34.77	-16.55
				15	0	18.87	19.45	17.30	34.77	-17.47
	23095	707.5	256QAM	1	0	19.85	20.43	18.28	34.77	-16.49
				1	14	19.80	20.38	18.23	34.77	-16.54
				8	4	19.78	20.36	18.21	34.77	-16.56
				15	0	18.91	19.49	17.34	34.77	-17.43
	23165	714.5	256QAM	1	0	19.76	20.34	18.19	34.77	-16.58
				1	14	19.88	20.46	18.31	34.77	-16.46
				8	4	19.77	20.35	18.20	34.77	-16.57
				15	0	18.79	19.37	17.22	34.77	-17.55

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Antenna gain (dBi)		0.58								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23035	701.5	QPSK	1	0	22.96	23.54	21.39	34.77	-13.38
				1	24	22.76	23.34	21.19	34.77	-13.58
				12	6	22.94	23.52	21.37	34.77	-13.40
				25	0	21.87	22.45	20.30	34.77	-14.47
	23095	707.5	QPSK	1	0	22.77	23.35	21.20	34.77	-13.57
				1	24	22.83	23.41	21.26	34.77	-13.51
				12	6	22.85	23.43	21.28	34.77	-13.49
				25	0	21.75	22.33	20.18	34.77	-14.59
	23155	713.5	QPSK	1	0	22.67	23.25	21.10	34.77	-13.67
				1	24	22.72	23.30	21.15	34.77	-13.62
				12	6	22.68	23.26	21.11	34.77	-13.66
				25	0	21.91	22.49	20.34	34.77	-14.43
5	23035	701.5	16QAM	1	0	21.86	22.44	20.29	34.77	-14.48
				1	24	21.85	22.43	20.28	34.77	-14.49
				12	6	21.94	22.52	20.37	34.77	-14.40
				25	0	20.89	21.47	19.32	34.77	-15.45
	23095	707.5	16QAM	1	0	21.79	22.37	20.22	34.77	-14.55
				1	24	21.76	22.34	20.19	34.77	-14.58
				12	6	21.75	22.33	20.18	34.77	-14.59
				25	0	20.72	21.30	19.15	34.77	-15.62
	23155	713.5	16QAM	1	0	21.83	22.41	20.26	34.77	-14.51
				1	24	21.76	22.34	20.19	34.77	-14.58
				12	6	21.80	22.38	20.23	34.77	-14.54
				25	0	20.90	21.48	19.33	34.77	-15.44
5	23035	701.5	64QAM	1	0	20.86	21.44	19.29	34.77	-15.48
				1	24	20.82	21.40	19.25	34.77	-15.52
				12	6	20.90	21.48	19.33	34.77	-15.44
				25	0	19.81	20.39	18.24	34.77	-16.53
	23095	707.5	64QAM	1	0	20.80	21.38	19.23	34.77	-15.54
				1	24	20.79	21.37	19.22	34.77	-15.55
				12	6	20.78	21.36	19.21	34.77	-15.56
				25	0	19.92	20.50	18.35	34.77	-16.42
	23155	713.5	64QAM	1	0	20.70	21.28	19.13	34.77	-15.64
				1	24	20.82	21.40	19.25	34.77	-15.52
				12	6	20.85	21.43	19.28	34.77	-15.49
				25	0	19.90	20.48	18.33	34.77	-16.44
5	23035	701.5	256QAM	1	0	19.94	20.52	18.37	34.77	-16.40
				1	24	19.93	20.51	18.36	34.77	-16.41
				12	6	19.94	20.52	18.37	34.77	-16.40
				25	0	18.93	19.51	17.36	34.77	-17.41
	23095	707.5	256QAM	1	0	19.95	20.53	18.38	34.77	-16.39
				1	24	19.80	20.38	18.23	34.77	-16.54
				12	6	19.85	20.43	18.28	34.77	-16.49
				25	0	18.83	19.41	17.26	34.77	-17.51
	23155	713.5	256QAM	1	0	19.78	20.36	18.21	34.77	-16.56
				1	24	19.79	20.37	18.22	34.77	-16.55
				12	6	19.74	20.32	18.17	34.77	-16.60
				25	0	18.91	19.49	17.34	34.77	-17.43

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Antenna gain (dBi)		0.58								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23060	704	QPSK	1	0	23.05	23.63	21.48	34.77	-13.29
				1	49	22.76	23.34	21.19	34.77	-13.58
				25	12	22.94	23.52	21.37	34.77	-13.40
				50	0	21.87	22.45	20.30	34.77	-14.47
	23095	707.5	QPSK	1	0	22.98	23.56	21.41	34.77	-13.36
				1	49	22.83	23.41	21.26	34.77	-13.51
				25	12	22.85	23.43	21.28	34.77	-13.49
				50	0	21.75	22.33	20.18	34.77	-14.59
	23130	711	QPSK	1	0	22.97	23.55	21.40	34.77	-13.37
				1	49	22.72	23.30	21.15	34.77	-13.62
				25	12	22.68	23.26	21.11	34.77	-13.66
				50	0	21.91	22.49	20.34	34.77	-14.43
10	23060	704	16QAM	1	0	21.86	22.44	20.29	34.77	-14.48
				1	49	21.85	22.43	20.28	34.77	-14.49
				25	12	21.94	22.52	20.37	34.77	-14.40
				50	0	20.89	21.47	19.32	34.77	-15.45
	23095	707.5	16QAM	1	0	21.79	22.37	20.22	34.77	-14.55
				1	49	21.76	22.34	20.19	34.77	-14.58
				25	12	21.75	22.33	20.18	34.77	-14.59
				50	0	20.72	21.30	19.15	34.77	-15.62
	23130	711	16QAM	1	0	21.83	22.41	20.26	34.77	-14.51
				1	49	21.76	22.34	20.19	34.77	-14.58
				25	12	21.80	22.38	20.23	34.77	-14.54
				50	0	20.90	21.48	19.33	34.77	-15.44
10	23060	704	64QAM	1	0	20.86	21.44	19.29	34.77	-15.48
				1	49	20.82	21.40	19.25	34.77	-15.52
				25	12	20.90	21.48	19.33	34.77	-15.44
				50	0	19.81	20.39	18.24	34.77	-16.53
	23095	707.5	64QAM	1	0	20.80	21.38	19.23	34.77	-15.54
				1	49	20.79	21.37	19.22	34.77	-15.55
				25	12	20.78	21.36	19.21	34.77	-15.56
				50	0	19.92	20.50	18.35	34.77	-16.42
	23130	711	64QAM	1	0	20.70	21.28	19.13	34.77	-15.64
				1	49	20.82	21.40	19.25	34.77	-15.52
				25	12	20.85	21.43	19.28	34.77	-15.49
				50	0	19.90	20.48	18.33	34.77	-16.44
10	23060	704	256QAM	1	0	19.94	20.52	18.37	34.77	-16.40
				1	49	19.93	20.51	18.36	34.77	-16.41
				25	12	19.94	20.52	18.37	34.77	-16.40
				50	0	18.93	19.51	17.36	34.77	-17.41
	23095	707.5	256QAM	1	0	19.95	20.53	18.38	34.77	-16.39
				1	49	19.80	20.38	18.23	34.77	-16.54
				25	12	19.85	20.43	18.28	34.77	-16.49
				50	0	18.83	19.41	17.26	34.77	-17.51
	23130	711	256QAM	1	0	19.78	20.36	18.21	34.77	-16.56
				1	49	19.79	20.37	18.22	34.77	-16.55
				25	12	19.74	20.32	18.17	34.77	-16.60
				50	0	18.91	19.49	17.34	34.77	-17.43

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Antenna gain (dBi)		0.91								
LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23205	779.5	QPSK	1	0	22.85	23.76	21.61	34.77	-13.16
				1	24	22.88	23.79	21.64	34.77	-13.13
				12	6	22.82	23.73	21.58	34.77	-13.19
				25	0	21.91	22.82	20.67	34.77	-14.10
	23230	782	QPSK	1	0	22.92	23.83	21.68	34.77	-13.09
				1	24	22.94	23.85	21.70	34.77	-13.07
				12	6	22.96	23.87	21.72	34.77	-13.05
				25	0	21.90	22.81	20.66	34.77	-14.11
	23255	784.5	QPSK	1	0	22.93	23.84	21.69	34.77	-13.08
				1	24	22.79	23.70	21.55	34.77	-13.22
				12	6	22.82	23.73	21.58	34.77	-13.19
				25	0	21.99	22.90	20.75	34.77	-14.02
5	23205	779.5	16QAM	1	0	21.88	22.79	20.64	34.77	-14.13
				1	24	21.84	22.75	20.60	34.77	-14.17
				12	6	21.87	22.78	20.63	34.77	-14.14
				25	0	20.99	21.90	19.75	34.77	-15.02
	23230	782	16QAM	1	0	21.90	22.81	20.66	34.77	-14.11
				1	24	21.81	22.72	20.57	34.77	-14.20
				12	6	21.89	22.80	20.65	34.77	-14.12
				25	0	21.03	21.94	19.79	34.77	-14.98
	23255	784.5	16QAM	1	0	21.80	22.71	20.56	34.77	-14.21
				1	24	21.86	22.77	20.62	34.77	-14.15
				12	6	21.95	22.86	20.71	34.77	-14.06
				25	0	20.92	21.83	19.68	34.77	-15.09
5	23205	779.5	64QAM	1	0	20.82	21.73	19.58	34.77	-15.19
				1	24	20.88	21.79	19.64	34.77	-15.13
				12	6	20.93	21.84	19.69	34.77	-15.08
				25	0	19.87	20.78	18.63	34.77	-16.14
	23230	782	64QAM	1	0	20.96	21.87	19.72	34.77	-15.05
				1	24	20.86	21.77	19.62	34.77	-15.15
				12	6	20.90	21.81	19.66	34.77	-15.11
				25	0	19.84	20.75	18.60	34.77	-16.17
	23255	784.5	64QAM	1	0	21.00	21.91	19.76	34.77	-15.01
				1	24	20.95	21.86	19.71	34.77	-15.06
				12	6	20.86	21.77	19.62	34.77	-15.15
				25	0	19.83	20.74	18.59	34.77	-16.18
5	23205	779.5	256QAM	1	0	19.81	20.72	18.57	34.77	-16.20
				1	24	19.90	20.81	18.66	34.77	-16.11
				12	6	19.81	20.72	18.57	34.77	-16.20
				25	0	18.99	19.90	17.75	34.77	-17.02
	23230	782	256QAM	1	0	19.81	20.72	18.57	34.77	-16.20
				1	24	19.85	20.76	18.61	34.77	-16.16
				12	6	19.83	20.74	18.59	34.77	-16.18
				25	0	18.94	19.85	17.70	34.77	-17.07
	23255	784.5	256QAM	1	0	20.00	20.91	18.76	34.77	-16.01
				1	24	19.84	20.75	18.60	34.77	-16.17
				12	6	19.77	20.68	18.53	34.77	-16.24
				25	0	18.94	19.85	17.70	34.77	-17.07

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Antenna gain (dBi)		0.91								
LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23230	782	QPSK	1	0	23.05	23.96	21.81	34.77	-12.96
				1	49	22.88	23.79	21.64	34.77	-13.13
				25	12	22.82	23.73	21.58	34.77	-13.19
				50	0	21.91	22.82	20.67	34.77	-14.10
10	23230	782	16QAM	1	0	21.88	22.79	20.64	34.77	-14.13
				1	49	21.84	22.75	20.60	34.77	-14.17
				25	12	21.87	22.78	20.63	34.77	-14.14
				50	0	20.99	21.90	19.75	34.77	-15.02
10	23230	782	64QAM	1	0	20.82	21.73	19.58	34.77	-15.19
				1	49	20.88	21.79	19.64	34.77	-15.13
				25	12	20.93	21.84	19.69	34.77	-15.08
				50	0	19.87	20.78	18.63	34.77	-16.14
10	23230	782	256QAM	1	0	19.81	20.72	18.57	34.77	-16.20
				1	49	19.90	20.81	18.66	34.77	-16.11
				25	12	19.81	20.72	18.57	34.77	-16.20
				50	0	18.99	19.90	17.75	34.77	-17.02

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Antenna gain (dBi)		0.54								
LTE Band 14_Uplink frequency band : 788 to 798 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23305	790.5	QPSK	1	0	22.88	23.42	21.27	34.77	-13.50
				1	24	22.91	23.45	21.30	34.77	-13.47
				12	6	22.98	23.52	21.37	34.77	-13.40
				25	0	22.02	22.56	20.41	34.77	-14.36
	23330	793	QPSK	1	0	22.90	23.44	21.29	34.77	-13.48
				1	24	22.98	23.52	21.37	34.77	-13.40
				12	6	22.94	23.48	21.33	34.77	-13.44
				25	0	21.91	22.45	20.30	34.77	-14.47
	23355	795.5	QPSK	1	0	22.96	23.50	21.35	34.77	-13.42
				1	24	23.06	23.60	21.45	34.77	-13.32
				12	6	22.95	23.49	21.34	34.77	-13.43
				25	0	21.93	22.47	20.32	34.77	-14.45
5	23305	790.5	16QAM	1	0	21.88	22.42	20.27	34.77	-14.50
				1	24	21.93	22.47	20.32	34.77	-14.45
				12	6	21.97	22.51	20.36	34.77	-14.41
				25	0	20.90	21.44	19.29	34.77	-15.48
	23330	793	16QAM	1	0	21.96	22.50	20.35	34.77	-14.42
				1	24	21.99	22.53	20.38	34.77	-14.39
				12	6	21.92	22.46	20.31	34.77	-14.46
				25	0	20.98	21.52	19.37	34.77	-15.40
	23355	795.5	16QAM	1	0	21.87	22.41	20.26	34.77	-14.51
				1	24	21.92	22.46	20.31	34.77	-14.46
				12	6	21.84	22.38	20.23	34.77	-14.54
				25	0	20.93	21.47	19.32	34.77	-15.45
5	23305	790.5	64QAM	1	0	20.84	21.38	19.23	34.77	-15.54
				1	24	20.94	21.48	19.33	34.77	-15.44
				12	6	20.92	21.46	19.31	34.77	-15.46
				25	0	19.93	20.47	18.32	34.77	-16.45
	23330	793	64QAM	1	0	21.06	21.60	19.45	34.77	-15.32
				1	24	20.94	21.48	19.33	34.77	-15.44
				12	6	20.97	21.51	19.36	34.77	-15.41
				25	0	20.00	20.54	18.39	34.77	-16.38
	23355	795.5	64QAM	1	0	20.96	21.50	19.35	34.77	-15.42
				1	24	21.05	21.59	19.44	34.77	-15.33
				12	6	20.94	21.48	19.33	34.77	-15.44
				25	0	19.93	20.47	18.32	34.77	-16.45
5	23305	790.5	256QAM	1	0	20.00	20.54	18.39	34.77	-16.38
				1	24	19.92	20.46	18.31	34.77	-16.46
				12	6	19.96	20.50	18.35	34.77	-16.42
				25	0	18.87	19.41	17.26	34.77	-17.51
	23330	793	256QAM	1	0	20.08	20.62	18.47	34.77	-16.30
				1	24	19.84	20.38	18.23	34.77	-16.54
				12	6	19.92	20.46	18.31	34.77	-16.46
				25	0	18.91	19.45	17.30	34.77	-17.47
	23355	795.5	256QAM	1	0	19.85	20.39	18.24	34.77	-16.53
				1	24	20.05	20.59	18.44	34.77	-16.33
				12	6	19.90	20.44	18.29	34.77	-16.48
				25	0	18.94	19.48	17.33	34.77	-17.44

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Antenna gain (dBi)		0.54								
LTE Band 14_Uplink frequency band : 788 to 798 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23330	793	QPSK	1	0	23.11	23.65	21.50	34.77	-13.27
				1	49	22.91	23.45	21.30	34.77	-13.47
				25	12	22.92	23.46	21.31	34.77	-13.46
				50	0	21.94	22.48	20.33	34.77	-14.44
10	23330	793	16QAM	1	0	21.93	22.47	20.32	34.77	-14.45
				1	49	21.96	22.50	20.35	34.77	-14.42
				25	12	21.95	22.49	20.34	34.77	-14.43
				50	0	20.91	21.45	19.30	34.77	-15.47
10	23330	793	64QAM	1	0	20.97	21.51	19.36	34.77	-15.41
				1	49	20.96	21.50	19.35	34.77	-15.42
				25	12	20.85	21.39	19.24	34.77	-15.53
				50	0	19.89	20.43	18.28	34.77	-16.49
10	23330	793	256QAM	1	0	19.97	20.51	18.36	34.77	-16.41
				1	49	20.03	20.57	18.42	34.77	-16.35
				25	12	19.95	20.49	18.34	34.77	-16.43
				50	0	18.83	19.37	17.22	34.77	-17.55

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Antenna gain (dBi)		0.58								
LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23755	706.5	QPSK	1	0	22.74	23.32	21.17	34.77	-13.60
				1	24	22.74	23.32	21.17	34.77	-13.60
				12	6	22.73	23.31	21.16	34.77	-13.61
				25	0	21.82	22.40	20.25	34.77	-14.52
	23790	710	QPSK	1	0	22.67	23.25	21.10	34.77	-13.67
				1	24	22.79	23.37	21.22	34.77	-13.55
				12	6	22.86	23.44	21.29	34.77	-13.48
				25	0	21.71	22.29	20.14	34.77	-14.63
	23825	713.5	QPSK	1	0	22.70	23.28	21.13	34.77	-13.64
				1	24	22.71	23.29	21.14	34.77	-13.63
				12	6	22.70	23.28	21.13	34.77	-13.64
				25	0	21.72	22.30	20.15	34.77	-14.62
5	23755	706.5	16QAM	1	0	21.75	22.33	20.18	34.77	-14.59
				1	24	21.75	22.33	20.18	34.77	-14.59
				12	6	21.80	22.38	20.23	34.77	-14.54
				25	0	20.66	21.24	19.09	34.77	-15.68
	23790	710	16QAM	1	0	21.81	22.39	20.24	34.77	-14.53
				1	24	21.79	22.37	20.22	34.77	-14.55
				12	6	21.80	22.38	20.23	34.77	-14.54
				25	0	20.75	21.33	19.18	34.77	-15.59
	23825	713.5	16QAM	1	0	21.78	22.36	20.21	34.77	-14.56
				1	24	21.73	22.31	20.16	34.77	-14.61
				12	6	21.72	22.30	20.15	34.77	-14.62
				25	0	20.70	21.28	19.13	34.77	-15.64
5	23755	706.5	64QAM	1	0	20.71	21.29	19.14	34.77	-15.63
				1	24	20.80	21.38	19.23	34.77	-15.54
				12	6	20.75	21.33	19.18	34.77	-15.59
				25	0	19.92	20.50	18.35	34.77	-16.42
	23790	710	64QAM	1	0	20.72	21.30	19.15	34.77	-15.62
				1	24	20.77	21.35	19.20	34.77	-15.57
				12	6	20.87	21.45	19.30	34.77	-15.47
				25	0	19.87	20.45	18.30	34.77	-16.47
	23825	713.5	64QAM	1	0	20.70	21.28	19.13	34.77	-15.64
				1	24	20.82	21.40	19.25	34.77	-15.52
				12	6	20.78	21.36	19.21	34.77	-15.56
				25	0	19.71	20.29	18.14	34.77	-16.63
5	23755	706.5	256QAM	1	0	19.75	20.33	18.18	34.77	-16.59
				1	24	19.79	20.37	18.22	34.77	-16.55
				12	6	19.82	20.40	18.25	34.77	-16.52
				25	0	18.84	19.42	17.27	34.77	-17.50
	23790	710	256QAM	1	0	19.82	20.40	18.25	34.77	-16.52
				1	24	19.79	20.37	18.22	34.77	-16.55
				12	6	19.82	20.40	18.25	34.77	-16.52
				25	0	18.73	19.31	17.16	34.77	-17.61
	23825	713.5	256QAM	1	0	19.83	20.41	18.26	34.77	-16.51
				1	24	19.81	20.39	18.24	34.77	-16.53
				12	6	19.74	20.32	18.17	34.77	-16.60
				25	0	18.76	19.34	17.19	34.77	-17.58

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Antenna gain (dBi)		0.58								
LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23780	709	QPSK	1	0	22.94	23.52	21.37	34.77	-13.40
				1	49	22.81	23.39	21.24	34.77	-13.53
				25	12	22.72	23.30	21.15	34.77	-13.62
				50	0	21.80	22.38	20.23	34.77	-14.54
	23790	710	QPSK	1	0	22.96	23.54	21.39	34.77	-13.38
				1	49	22.73	23.31	21.16	34.77	-13.61
				25	12	22.82	23.40	21.25	34.77	-13.52
				50	0	21.68	22.26	20.11	34.77	-14.66
	23800	711	QPSK	1	0	22.92	23.50	21.35	34.77	-13.42
				1	49	22.72	23.30	21.15	34.77	-13.62
				25	12	22.81	23.39	21.24	34.77	-13.53
				50	0	21.77	22.35	20.20	34.77	-14.57
10	23780	709	16QAM	1	0	21.76	22.34	20.19	34.77	-14.58
				1	49	21.70	22.28	20.13	34.77	-14.64
				25	12	21.75	22.33	20.18	34.77	-14.59
				50	0	20.74	21.32	19.17	34.77	-15.60
	23790	710	16QAM	1	0	21.73	22.31	20.16	34.77	-14.61
				1	49	21.76	22.34	20.19	34.77	-14.58
				25	12	21.83	22.41	20.26	34.77	-14.51
				50	0	20.87	21.45	19.30	34.77	-15.47
	23800	711	16QAM	1	0	21.68	22.26	20.11	34.77	-14.66
				1	49	21.63	22.21	20.06	34.77	-14.71
				25	12	21.71	22.29	20.14	34.77	-14.63
				50	0	20.72	21.30	19.15	34.77	-15.62
10	23780	709	64QAM	1	0	20.80	21.38	19.23	34.77	-15.54
				1	49	20.79	21.37	19.22	34.77	-15.55
				25	12	20.77	21.35	19.20	34.77	-15.57
				50	0	19.82	20.40	18.25	34.77	-16.52
	23790	710	64QAM	1	0	20.77	21.35	19.20	34.77	-15.57
				1	49	20.71	21.29	19.14	34.77	-15.63
				25	12	20.88	21.46	19.31	34.77	-15.46
				50	0	19.88	20.46	18.31	34.77	-16.46
	23800	711	64QAM	1	0	20.83	21.41	19.26	34.77	-15.51
				1	49	20.84	21.42	19.27	34.77	-15.50
				25	12	20.76	21.34	19.19	34.77	-15.58
				50	0	19.67	20.25	18.10	34.77	-16.67
10	23780	709	256QAM	1	0	19.83	20.41	18.26	34.77	-16.51
				1	49	19.75	20.33	18.18	34.77	-16.59
				25	12	19.75	20.33	18.18	34.77	-16.59
				50	0	18.77	19.35	17.20	34.77	-17.57
	23790	710	256QAM	1	0	19.79	20.37	18.22	34.77	-16.55
				1	49	19.76	20.34	18.19	34.77	-16.58
				25	12	19.80	20.38	18.23	34.77	-16.54
				50	0	18.83	19.41	17.26	34.77	-17.51
	23800	711	256QAM	1	0	19.82	20.40	18.25	34.77	-16.52
				1	49	19.66	20.24	18.09	34.77	-16.68
				25	12	19.81	20.39	18.24	34.77	-16.53
				50	0	18.87	19.45	17.30	34.77	-17.47

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Antenna gain (dBi)		2							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	26047	1850.7	QPSK	1	0	22.45	24.45	33	-8.55
				1	5	22.42	24.42	33	-8.58
				3	2	22.39	24.39	33	-8.61
				6	0	21.37	23.37	33	-9.63
	26365	1882.5	QPSK	1	0	22.67	24.67	33	-8.33
				1	5	22.62	24.62	33	-8.38
				3	2	22.70	24.70	33	-8.3
				6	0	21.63	23.63	33	-9.37
	26683	1914.3	QPSK	1	0	22.80	24.80	33	-8.2
				1	5	22.83	24.83	33	-8.17
				3	2	22.95	24.95	33	-8.05
				6	0	21.89	23.89	33	-9.11
1.4	26047	1850.7	16QAM	1	0	21.33	23.33	33	-9.67
				1	5	21.38	23.38	33	-9.62
				3	2	21.42	23.42	33	-9.58
				6	0	20.35	22.35	33	-10.65
	26365	1882.5	16QAM	1	0	21.78	23.78	33	-9.22
				1	5	21.78	23.78	33	-9.22
				3	2	21.75	23.75	33	-9.25
				6	0	20.83	22.83	33	-10.17
	26683	1914.3	16QAM	1	0	21.89	23.89	33	-9.11
				1	5	21.85	23.85	33	-9.15
				3	2	21.78	23.78	33	-9.22
				6	0	20.82	22.82	33	-10.18
1.4	26047	1850.7	64QAM	1	0	20.31	22.31	33	-10.69
				1	5	20.31	22.31	33	-10.69
				3	2	20.46	22.46	33	-10.54
				6	0	19.40	21.40	33	-11.6
	26365	1882.5	64QAM	1	0	20.70	22.70	33	-10.3
				1	5	20.71	22.71	33	-10.29
				3	2	20.67	22.67	33	-10.33
				6	0	19.63	21.63	33	-11.37
	26683	1914.3	64QAM	1	0	20.85	22.85	33	-10.15
				1	5	20.82	22.82	33	-10.18
				3	2	20.77	22.77	33	-10.23
				6	0	19.99	21.99	33	-11.01
1.4	26047	1850.7	256QAM	1	0	19.35	21.35	33	-11.65
				1	5	19.44	21.44	33	-11.56
				3	2	19.33	21.33	33	-11.67
				6	0	18.38	20.38	33	-12.62
	26365	1882.5	256QAM	1	0	19.75	21.75	33	-11.25
				1	5	19.79	21.79	33	-11.21
				3	2	19.75	21.75	33	-11.25
				6	0	18.67	20.67	33	-12.33
	26683	1914.3	256QAM	1	0	19.81	21.81	33	-11.19
				1	5	19.81	21.81	33	-11.19
				3	2	19.91	21.91	33	-11.09
				6	0	18.74	20.74	33	-12.26

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Antenna gain (dBi)		2							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	26055	1851.5	QPSK	1	0	22.38	24.38	33	-8.62
				1	14	22.45	24.45	33	-8.55
				8	4	22.46	24.46	33	-8.54
				15	0	21.46	23.46	33	-9.54
	26365	1882.5	QPSK	1	0	22.67	24.67	33	-8.33
				1	14	22.77	24.77	33	-8.23
				8	4	22.72	24.72	33	-8.28
				15	0	21.72	23.72	33	-9.28
	26675	1913.5	QPSK	1	0	22.95	24.95	33	-8.05
				1	14	22.82	24.82	33	-8.18
				8	4	22.88	24.88	33	-8.12
				15	0	21.88	23.88	33	-9.12
3	26055	1851.5	16QAM	1	0	21.43	23.43	33	-9.57
				1	14	21.46	23.46	33	-9.54
				8	4	21.51	23.51	33	-9.49
				15	0	20.42	22.42	33	-10.58
	26365	1882.5	16QAM	1	0	21.82	23.82	33	-9.18
				1	14	21.71	23.71	33	-9.29
				8	4	21.77	23.77	33	-9.23
				15	0	20.83	22.83	33	-10.17
	26675	1913.5	16QAM	1	0	21.87	23.87	33	-9.13
				1	14	21.80	23.80	33	-9.2
				8	4	21.90	23.90	33	-9.1
				15	0	20.80	22.80	33	-10.2
3	26055	1851.5	64QAM	1	0	20.37	22.37	33	-10.63
				1	14	20.34	22.34	33	-10.66
				8	4	20.35	22.35	33	-10.65
				15	0	19.41	21.41	33	-11.59
	26365	1882.5	64QAM	1	0	20.66	22.66	33	-10.34
				1	14	20.81	22.81	33	-10.19
				8	4	20.77	22.77	33	-10.23
				15	0	19.85	21.85	33	-11.15
	26675	1913.5	64QAM	1	0	20.94	22.94	33	-10.06
				1	14	20.88	22.88	33	-10.12
				8	4	20.83	22.83	33	-10.17
				15	0	19.94	21.94	33	-11.06
3	26055	1851.5	256QAM	1	0	19.38	21.38	33	-11.62
				1	14	19.44	21.44	33	-11.56
				8	4	19.46	21.46	33	-11.54
				15	0	18.41	20.41	33	-12.59
	26365	1882.5	256QAM	1	0	19.72	21.72	33	-11.28
				1	14	19.83	21.83	33	-11.17
				8	4	19.73	21.73	33	-11.27
				15	0	18.70	20.70	33	-12.3
	26675	1913.5	256QAM	1	0	19.88	21.88	33	-11.12
				1	14	19.91	21.91	33	-11.09
				8	4	19.72	21.72	33	-11.28
				15	0	18.90	20.90	33	-12.1

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Antenna gain (dBi)		2							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	26065	1852.5	QPSK	1	0	22.49	24.49	33	-8.51
				1	24	22.32	24.32	33	-8.68
				12	6	22.35	24.35	33	-8.65
				25	0	21.30	23.30	33	-9.7
	26365	1882.5	QPSK	1	0	22.69	24.69	33	-8.31
				1	24	22.71	24.71	33	-8.29
				12	6	22.65	24.65	33	-8.35
				25	0	21.74	23.74	33	-9.26
	26665	1912.5	QPSK	1	0	22.80	24.80	33	-8.2
				1	24	22.85	24.85	33	-8.15
				12	6	22.89	24.89	33	-8.11
				25	0	21.86	23.86	33	-9.14
5	26065	1852.5	16QAM	1	0	21.34	23.34	33	-9.66
				1	24	21.35	23.35	33	-9.65
				12	6	21.39	23.39	33	-9.61
				25	0	20.50	22.50	33	-10.5
	26365	1882.5	16QAM	1	0	21.74	23.74	33	-9.26
				1	24	21.80	23.80	33	-9.2
				12	6	21.85	23.85	33	-9.15
				25	0	20.72	22.72	33	-10.28
	26665	1912.5	16QAM	1	0	21.83	23.83	33	-9.17
				1	24	21.91	23.91	33	-9.09
				12	6	21.85	23.85	33	-9.15
				25	0	20.90	22.90	33	-10.1
5	26065	1852.5	64QAM	1	0	20.34	22.34	33	-10.66
				1	24	20.28	22.28	33	-10.72
				12	6	20.47	22.47	33	-10.53
				25	0	19.45	21.45	33	-11.55
	26365	1882.5	64QAM	1	0	20.71	22.71	33	-10.29
				1	24	20.74	22.74	33	-10.26
				12	6	20.68	22.68	33	-10.32
				25	0	19.72	21.72	33	-11.28
	26665	1912.5	64QAM	1	0	20.81	22.81	33	-10.19
				1	24	20.75	22.75	33	-10.25
				12	6	20.83	22.83	33	-10.17
				25	0	19.92	21.92	33	-11.08
5	26065	1852.5	256QAM	1	0	19.51	21.51	33	-11.49
				1	24	19.44	21.44	33	-11.56
				12	6	19.41	21.41	33	-11.59
				25	0	18.41	20.41	33	-12.59
	26365	1882.5	256QAM	1	0	19.74	21.74	33	-11.26
				1	24	19.78	21.78	33	-11.22
				12	6	19.78	21.78	33	-11.22
				25	0	18.78	20.78	33	-12.22
	26665	1912.5	256QAM	1	0	19.95	21.95	33	-11.05
				1	24	19.75	21.75	33	-11.25
				12	6	19.75	21.75	33	-11.25
				25	0	18.81	20.81	33	-12.19

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Antenna gain (dBi)		2							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	26090	1855	QPSK	1	0	22.42	24.42	33	-8.58
				1	49	22.41	24.41	33	-8.59
				25	12	22.42	24.42	33	-8.58
				50	0	21.50	23.50	33	-9.5
	26365	1882.5	QPSK	1	0	22.82	24.82	33	-8.18
				1	49	22.64	24.64	33	-8.36
				25	12	22.76	24.76	33	-8.24
				50	0	21.72	23.72	33	-9.28
	26640	1910	QPSK	1	0	22.78	24.78	33	-8.22
				1	49	22.83	24.83	33	-8.17
				25	12	22.84	24.84	33	-8.16
				50	0	21.85	23.85	33	-9.15
10	26090	1855	16QAM	1	0	21.33	23.33	33	-9.67
				1	49	21.40	23.40	33	-9.6
				25	12	21.27	23.27	33	-9.73
				50	0	20.42	22.42	33	-10.58
	26365	1882.5	16QAM	1	0	21.71	23.71	33	-9.29
				1	49	21.83	23.83	33	-9.17
				25	12	21.71	23.71	33	-9.29
				50	0	20.78	22.78	33	-10.22
	26640	1910	16QAM	1	0	21.83	23.83	33	-9.17
				1	49	21.77	23.77	33	-9.23
				25	12	21.93	23.93	33	-9.07
				50	0	20.77	22.77	33	-10.23
10	26090	1855	64QAM	1	0	20.26	22.26	33	-10.74
				1	49	20.33	22.33	33	-10.67
				25	12	20.44	22.44	33	-10.56
				50	0	19.43	21.43	33	-11.57
	26365	1882.5	64QAM	1	0	20.82	22.82	33	-10.18
				1	49	20.72	22.72	33	-10.28
				25	12	20.76	22.76	33	-10.24
				50	0	19.76	21.76	33	-11.24
	26640	1910	64QAM	1	0	20.86	22.86	33	-10.14
				1	49	20.74	22.74	33	-10.26
				25	12	20.84	22.84	33	-10.16
				50	0	19.76	21.76	33	-11.24
10	26090	1855	256QAM	1	0	19.51	21.51	33	-11.49
				1	49	19.50	21.50	33	-11.5
				25	12	19.39	21.39	33	-11.61
				50	0	18.39	20.39	33	-12.61
	26365	1882.5	256QAM	1	0	19.69	21.69	33	-11.31
				1	49	19.66	21.66	33	-11.34
				25	12	19.72	21.72	33	-11.28
				50	0	18.78	20.78	33	-12.22
	26640	1910	256QAM	1	0	19.73	21.73	33	-11.27
				1	49	19.83	21.83	33	-11.17
				25	12	19.86	21.86	33	-11.14
				50	0	18.91	20.91	33	-12.09

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Antenna gain (dBi)		2							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	26115	1857.5	QPSK	1	0	22.48	24.48	33	-8.52
				1	74	22.38	24.38	33	-8.62
				36	18	22.50	24.50	33	-8.5
				75	0	21.35	23.35	33	-9.65
	26365	1882.5	QPSK	1	0	22.71	24.71	33	-8.29
				1	74	22.78	24.78	33	-8.22
				36	18	22.84	24.84	33	-8.16
				75	0	21.73	23.73	33	-9.27
	26615	1907.5	QPSK	1	0	22.93	24.93	33	-8.07
				1	74	22.90	24.90	33	-8.1
				36	18	22.89	24.89	33	-8.11
				75	0	21.86	23.86	33	-9.14
15	26115	1857.5	16QAM	1	0	21.30	23.30	33	-9.7
				1	74	21.41	23.41	33	-9.59
				36	18	21.41	23.41	33	-9.59
				75	0	20.43	22.43	33	-10.57
	26365	1882.5	16QAM	1	0	21.68	23.68	33	-9.32
				1	74	21.82	23.82	33	-9.18
				36	18	21.68	23.68	33	-9.32
				75	0	20.85	22.85	33	-10.15
	26615	1907.5	16QAM	1	0	21.90	23.90	33	-9.1
				1	74	21.92	23.92	33	-9.08
				36	18	21.85	23.85	33	-9.15
				75	0	20.80	22.80	33	-10.2
15	26115	1857.5	64QAM	1	0	20.40	22.40	33	-10.6
				1	74	20.39	22.39	33	-10.61
				36	18	20.44	22.44	33	-10.56
				75	0	19.46	21.46	33	-11.54
	26365	1882.5	64QAM	1	0	20.71	22.71	33	-10.29
				1	74	20.70	22.70	33	-10.3
				36	18	20.76	22.76	33	-10.24
				75	0	19.86	21.86	33	-11.14
	26615	1907.5	64QAM	1	0	20.95	22.95	33	-10.05
				1	74	20.76	22.76	33	-10.24
				36	18	20.86	22.86	33	-10.14
				75	0	19.85	21.85	33	-11.15
15	26115	1857.5	256QAM	1	0	19.40	21.40	33	-11.6
				1	74	19.40	21.40	33	-11.6
				36	18	19.52	21.52	33	-11.48
				75	0	18.34	20.34	33	-12.66
	26365	1882.5	256QAM	1	0	19.78	21.78	33	-11.22
				1	74	19.72	21.72	33	-11.28
				36	18	19.77	21.77	33	-11.23
				75	0	18.70	20.70	33	-12.3
	26615	1907.5	256QAM	1	0	19.85	21.85	33	-11.15
				1	74	19.90	21.90	33	-11.1
				36	18	19.85	21.85	33	-11.15
				75	0	18.87	20.87	33	-12.13

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BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	26140	1860	QPSK	1	0	22.56	24.56	33	-8.44
				1	99	22.53	24.53	33	-8.47
				50	25	22.42	24.42	33	-8.58
				100	0	21.49	23.49	33	-9.51
	26365	1882.5	QPSK	1	0	22.90	24.90	33	-8.1
				1	99	22.71	24.71	33	-8.29
				50	25	22.87	24.87	33	-8.13
				100	0	21.68	23.68	33	-9.32
	26590	1905	QPSK	1	0	23.01	25.01	33	-7.99
				1	99	22.81	24.81	33	-8.19
				50	25	22.78	24.78	33	-8.22
				100	0	21.79	23.79	33	-9.21
20	26140	1860	16QAM	1	0	21.35	23.35	33	-9.65
				1	99	21.41	23.41	33	-9.59
				50	25	21.43	23.43	33	-9.57
				100	0	20.47	22.47	33	-10.53
	26365	1882.5	16QAM	1	0	21.82	23.82	33	-9.18
				1	99	21.74	23.74	33	-9.26
				50	25	21.84	23.84	33	-9.16
				100	0	20.70	22.70	33	-10.3
	26590	1905	16QAM	1	0	21.75	23.75	33	-9.25
				1	99	21.89	23.89	33	-9.11
				50	25	21.96	23.96	33	-9.04
				100	0	20.94	22.94	33	-10.06
20	26140	1860	64QAM	1	0	20.42	22.42	33	-10.58
				1	99	20.48	22.48	33	-10.52
				50	25	20.47	22.47	33	-10.53
				100	0	19.37	21.37	33	-11.63
	26365	1882.5	64QAM	1	0	20.69	22.69	33	-10.31
				1	99	20.62	22.62	33	-10.38
				50	25	20.77	22.77	33	-10.23
				100	0	19.68	21.68	33	-11.32
	26590	1905	64QAM	1	0	20.88	22.88	33	-10.12
				1	99	20.91	22.91	33	-10.09
				50	25	20.90	22.90	33	-10.1
				100	0	19.86	21.86	33	-11.14
20	26140	1860	256QAM	1	0	19.43	21.43	33	-11.57
				1	99	19.39	21.39	33	-11.61
				50	25	19.43	21.43	33	-11.57
				100	0	18.48	20.48	33	-12.52
	26365	1882.5	256QAM	1	0	19.77	21.77	33	-11.23
				1	99	19.84	21.84	33	-11.16
				50	25	19.72	21.72	33	-11.28
				100	0	18.76	20.76	33	-12.24
	26590	1905	256QAM	1	0	19.89	21.89	33	-11.11
				1	99	19.76	21.76	33	-11.24
				50	25	19.84	21.84	33	-11.16
				100	0	18.91	20.91	33	-12.09

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Antenna gain (dBi)		0.74								
Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	26697	814.7	QPSK	1	0	22.70	23.44	21.29	50	-28.71
				1	5	22.59	23.33	21.18	50	-28.82
				3	2	22.73	23.47	21.32	50	-28.68
				6	0	21.86	22.60	20.45	50	-29.55
	26740	819	QPSK	1	0	22.71	23.45	21.30	50	-28.70
				1	5	22.70	23.44	21.29	50	-28.71
				3	2	22.10	22.84	20.69	50	-29.31
				6	0	21.81	22.55	20.40	50	-29.60
	26783	823.3	QPSK	1	0	22.68	23.42	21.27	50	-28.73
				1	5	22.67	23.41	21.26	50	-28.74
				3	2	21.90	22.64	20.49	50	-29.51
				6	0	21.66	22.40	20.25	50	-29.75
1.4	26697	814.7	16QAM	1	0	22.04	22.78	20.63	50	-29.37
				1	5	22.02	22.76	20.61	50	-29.39
				3	2	21.92	22.66	20.51	50	-29.49
				6	0	20.86	21.60	19.45	50	-30.55
	26740	819	16QAM	1	0	21.99	22.73	20.58	50	-29.42
				1	5	22.05	22.79	20.64	50	-29.36
				3	2	21.88	22.62	20.47	50	-29.53
				6	0	20.83	21.57	19.42	50	-30.58
	26783	823.3	16QAM	1	0	21.91	22.65	20.50	50	-29.50
				1	5	21.93	22.67	20.52	50	-29.48
				3	2	21.72	22.46	20.31	50	-29.69
				6	0	20.75	21.49	19.34	50	-30.66
1.4	26697	814.7	64QAM	1	0	20.97	21.71	19.56	50	-30.44
				1	5	20.76	21.50	19.35	50	-30.65
				3	2	20.92	21.66	19.51	50	-30.49
				6	0	19.83	20.57	18.42	50	-31.58
	26740	819	64QAM	1	0	20.79	21.53	19.38	50	-30.62
				1	5	20.81	21.55	19.40	50	-30.60
				3	2	20.85	21.59	19.44	50	-30.56
				6	0	19.79	20.53	18.38	50	-31.62
	26783	823.3	64QAM	1	0	20.85	21.59	19.44	50	-30.56
				1	5	20.84	21.58	19.43	50	-30.57
				3	2	20.73	21.47	19.32	50	-30.68
				6	0	19.68	20.42	18.27	50	-31.73
1.4	26697	814.7	256QAM	1	0	17.98	18.72	16.57	50	-33.43
				1	5	18.00	18.74	16.59	50	-33.41
				3	2	17.75	18.49	16.34	50	-33.66
				6	0	17.68	18.42	16.27	50	-33.73
	26740	819	256QAM	1	0	18.15	18.89	16.74	50	-33.26
				1	5	17.91	18.65	16.50	50	-33.50
				3	2	17.83	18.57	16.42	50	-33.58
				6	0	17.62	18.36	16.21	50	-33.79
	26783	823.3	256QAM	1	0	17.96	18.70	16.55	50	-33.45
				1	5	17.95	18.69	16.54	50	-33.46
				3	2	17.80	18.54	16.39	50	-33.61
				6	0	17.55	18.29	16.14	50	-33.86

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Antenna gain (dBi)		0.74								
Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	26705	815.5	QPSK	1	0	22.58	23.32	21.17	50	-28.83
				1	14	22.73	23.47	21.32	50	-28.68
				8	4	21.77	22.51	20.36	50	-29.64
				15	0	21.76	22.50	20.35	50	-29.65
	26740	819	QPSK	1	0	22.67	23.41	21.26	50	-28.74
				1	14	22.74	23.48	21.33	50	-28.67
				8	4	21.77	22.51	20.36	50	-29.64
				15	0	21.77	22.51	20.36	50	-29.64
	26775	822.5	QPSK	1	0	22.19	22.93	20.78	50	-29.22
				1	14	22.14	22.88	20.73	50	-29.27
				8	4	21.73	22.47	20.32	50	-29.68
				15	0	21.72	22.46	20.31	50	-29.69
3	26705	815.5	16QAM	1	0	21.89	22.63	20.48	50	-29.52
				1	14	21.93	22.67	20.52	50	-29.48
				8	4	20.84	21.58	19.43	50	-30.57
				15	0	20.78	21.52	19.37	50	-30.63
	26740	819	16QAM	1	0	22.04	22.78	20.63	50	-29.37
				1	14	22.12	22.86	20.71	50	-29.29
				8	4	20.89	21.63	19.48	50	-30.52
				15	0	20.80	21.54	19.39	50	-30.61
	26775	822.5	16QAM	1	0	21.95	22.69	20.54	50	-29.46
				1	14	21.75	22.49	20.34	50	-29.66
				8	4	20.62	21.36	19.21	50	-30.79
				15	0	20.75	21.49	19.34	50	-30.66
3	26705	815.5	64QAM	1	0	20.89	21.63	19.48	50	-30.52
				1	14	20.78	21.52	19.37	50	-30.63
				8	4	19.73	20.47	18.32	50	-31.68
				15	0	19.79	20.53	18.38	50	-31.62
	26740	819	64QAM	1	0	20.93	21.67	19.52	50	-30.48
				1	14	20.90	21.64	19.49	50	-30.51
				8	4	19.83	20.57	18.42	50	-31.58
				15	0	19.74	20.48	18.33	50	-31.67
	26775	822.5	64QAM	1	0	20.89	21.63	19.48	50	-30.52
				1	14	20.90	21.64	19.49	50	-30.51
				8	4	19.70	20.44	18.29	50	-31.71
				15	0	19.70	20.44	18.29	50	-31.71
3	26705	815.5	256QAM	1	0	18.15	18.89	16.74	50	-33.26
				1	14	17.91	18.65	16.50	50	-33.50
				8	4	17.75	18.49	16.34	50	-33.66
				15	0	17.76	18.50	16.35	50	-33.65
	26740	819	256QAM	1	0	18.17	18.91	16.76	50	-33.24
				1	14	17.89	18.63	16.48	50	-33.52
				8	4	17.86	18.60	16.45	50	-33.55
				15	0	17.72	18.46	16.31	50	-33.69
	26775	822.5	256QAM	1	0	17.97	18.71	16.56	50	-33.44
				1	14	18.09	18.83	16.68	50	-33.32
				8	4	17.63	18.37	16.22	50	-33.78
				15	0	17.65	18.39	16.24	50	-33.76

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Antenna gain (dBi)		0.74								
Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	26715	816.5	QPSK	1	0	22.69	23.43	21.28	50	-28.72
				1	24	22.65	23.39	21.24	50	-28.76
				12	6	21.83	22.57	20.42	50	-29.58
				25	0	21.81	22.55	20.40	50	-29.60
	26740	819	QPSK	1	0	22.71	23.45	21.30	50	-28.70
				1	24	22.65	23.39	21.24	50	-28.76
				12	6	21.82	22.56	20.41	50	-29.59
				25	0	21.83	22.57	20.42	50	-29.58
	26765	821.5	QPSK	1	0	22.73	23.47	21.32	50	-28.68
				1	24	22.71	23.45	21.30	50	-28.70
				12	6	21.78	22.52	20.37	50	-29.63
				25	0	21.72	22.46	20.31	50	-29.69
5	26715	816.5	16QAM	1	0	21.94	22.68	20.53	50	-29.47
				1	24	22.12	22.86	20.71	50	-29.29
				12	6	20.84	21.58	19.43	50	-30.57
				25	0	20.82	21.56	19.41	50	-30.59
	26740	819	16QAM	1	0	21.94	22.68	20.53	50	-29.47
				1	24	21.98	22.72	20.57	50	-29.43
				12	6	20.84	21.58	19.43	50	-30.57
				25	0	20.80	21.54	19.39	50	-30.61
	26765	821.5	16QAM	1	0	21.98	22.72	20.57	50	-29.43
				1	24	21.77	22.51	20.36	50	-29.64
				12	6	20.76	21.50	19.35	50	-30.65
				25	0	20.72	21.46	19.31	50	-30.69
5	26715	816.5	64QAM	1	0	21.03	21.77	19.62	50	-30.38
				1	24	20.98	21.72	19.57	50	-30.43
				12	6	19.76	20.50	18.35	50	-31.65
				25	0	19.77	20.51	18.36	50	-31.64
	26740	819	64QAM	1	0	20.99	21.73	19.58	50	-30.42
				1	24	21.01	21.75	19.60	50	-30.40
				12	6	19.76	20.50	18.35	50	-31.65
				25	0	19.79	20.53	18.38	50	-31.62
	26765	821.5	64QAM	1	0	21.00	21.74	19.59	50	-30.41
				1	24	20.93	21.67	19.52	50	-30.48
				12	6	19.71	20.45	18.30	50	-31.70
				25	0	19.70	20.44	18.29	50	-31.71
5	26715	816.5	256QAM	1	0	18.03	18.77	16.62	50	-33.38
				1	24	18.11	18.85	16.70	50	-33.30
				12	6	17.74	18.48	16.33	50	-33.67
				25	0	17.76	18.50	16.35	50	-33.65
	26740	819	256QAM	1	0	18.01	18.75	16.60	50	-33.40
				1	24	18.02	18.76	16.61	50	-33.39
				12	6	17.75	18.49	16.34	50	-33.66
				25	0	17.76	18.50	16.35	50	-33.65
	26765	821.5	256QAM	1	0	18.05	18.79	16.64	50	-33.36
				1	24	18.02	18.76	16.61	50	-33.39
				12	6	17.68	18.42	16.27	50	-33.73
				25	0	17.75	18.49	16.34	50	-33.66

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BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	26740	819	QPSK	1	0	22.54	23.28	21.13	50	-28.87
				1	49	22.49	23.23	21.08	50	-28.92
				25	12	22.56	23.30	21.15	50	-28.85
				50	0	21.53	22.27	20.12	50	-29.88
10	26740	819	16QAM	1	0	21.59	22.33	20.18	50	-29.82
				1	49	21.54	22.28	20.13	50	-29.87
				25	12	21.67	22.41	20.26	50	-29.74
				50	0	20.62	21.36	19.21	50	-30.79
10	26740	819	64QAM	1	0	20.59	21.33	19.18	50	-30.82
				1	49	20.67	21.41	19.26	50	-30.74
				25	12	20.65	21.39	19.24	50	-30.76
				50	0	19.57	20.31	18.16	50	-31.84
10	26740	819	256QAM	1	0	19.61	20.35	18.20	50	-31.80
				1	49	19.53	20.27	18.12	50	-31.88
				25	12	19.55	20.29	18.14	50	-31.86
				50	0	18.54	19.28	17.13	50	-32.87

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Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
15	26790	824	QPSK	1	0	22.69	23.43	21.28	50	-28.72
				1	49	22.61	23.35	21.20	50	-28.80
				25	12	21.73	22.47	20.32	50	-29.68
				50	0	21.67	22.41	20.26	50	-29.74
15	26790	824	16QAM	1	0	22.25	22.99	20.84	50	-29.16
				1	49	21.98	22.72	20.57	50	-29.43
				25	12	20.75	21.49	19.34	50	-30.66
				50	0	20.65	21.39	19.24	50	-30.76
15	26790	824	64QAM	1	0	21.06	21.80	19.65	50	-30.35
				1	49	20.76	21.50	19.35	50	-30.65
				25	12	19.72	20.46	18.31	50	-31.69
				50	0	19.60	20.34	18.19	50	-31.81
15	26790	824	256QAM	1	0	18.14	18.88	16.73	50	-33.27
				1	49	17.89	18.63	16.48	50	-33.52
				25	12	17.68	18.42	16.27	50	-33.73
				50	0	17.62	18.36	16.21	50	-33.79

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Antenna gain (dBi)		0.74								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	26797	824.7	QPSK	1	0	22.40	23.14	20.99	38.45	-17.46
				1	5	22.35	23.09	20.94	38.45	-17.51
				3	2	22.35	23.09	20.94	38.45	-17.51
				6	0	21.42	22.16	20.01	38.45	-18.44
	26915	836.5	QPSK	1	0	22.34	23.08	20.93	38.45	-17.52
				1	5	22.30	23.04	20.89	38.45	-17.56
				3	2	22.30	23.04	20.89	38.45	-17.56
				6	0	21.38	22.12	19.97	38.45	-18.48
	27033	848.3	QPSK	1	0	22.28	23.02	20.87	38.45	-17.58
				1	5	22.26	23.00	20.85	38.45	-17.60
				3	2	22.22	22.96	20.81	38.45	-17.64
				6	0	21.26	22.00	19.85	38.45	-18.60
1.4	26797	824.7	16QAM	1	0	21.35	22.09	19.94	38.45	-18.51
				1	5	21.36	22.10	19.95	38.45	-18.50
				3	2	21.37	22.11	19.96	38.45	-18.49
				6	0	20.35	21.09	18.94	38.45	-19.51
	26915	836.5	16QAM	1	0	21.23	21.97	19.82	38.45	-18.63
				1	5	21.26	22.00	19.85	38.45	-18.60
				3	2	21.24	21.98	19.83	38.45	-18.62
				6	0	20.33	21.07	18.92	38.45	-19.53
	27033	848.3	16QAM	1	0	21.25	21.99	19.84	38.45	-18.61
				1	5	21.24	21.98	19.83	38.45	-18.62
				3	2	21.28	22.02	19.87	38.45	-18.58
				6	0	20.36	21.10	18.95	38.45	-19.50
1.4	26797	824.7	64QAM	1	0	20.31	21.05	18.90	38.45	-19.55
				1	5	20.34	21.08	18.93	38.45	-19.52
				3	2	20.35	21.09	18.94	38.45	-19.51
				6	0	19.48	20.22	18.07	38.45	-20.38
	26915	836.5	64QAM	1	0	20.29	21.03	18.88	38.45	-19.57
				1	5	20.32	21.06	18.91	38.45	-19.54
				3	2	20.26	21.00	18.85	38.45	-19.60
				6	0	19.27	20.01	17.86	38.45	-20.59
	27033	848.3	64QAM	1	0	20.21	20.95	18.80	38.45	-19.65
				1	5	20.27	21.01	18.86	38.45	-19.59
				3	2	20.38	21.12	18.97	38.45	-19.48
				6	0	19.28	20.02	17.87	38.45	-20.58
1.4	26797	824.7	256QAM	1	0	19.28	20.02	17.87	38.45	-20.58
				1	5	19.23	19.97	17.82	38.45	-20.63
				3	2	19.29	20.03	17.88	38.45	-20.57
				6	0	18.39	19.13	16.98	38.45	-21.47
	26915	836.5	256QAM	1	0	19.24	19.98	17.83	38.45	-20.62
				1	5	19.33	20.07	17.92	38.45	-20.53
				3	2	19.28	20.02	17.87	38.45	-20.58
				6	0	18.24	18.98	16.83	38.45	-21.62
	27033	848.3	256QAM	1	0	19.30	20.04	17.89	38.45	-20.56
				1	5	19.25	19.99	17.84	38.45	-20.61
				3	2	19.32	20.06	17.91	38.45	-20.54
				6	0	18.31	19.05	16.90	38.45	-21.55

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Antenna gain (dBi)		0.74		LTE Band 26_Uplink frequency band : 824 to 849 MHz							
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)	
3	26805	825.5	QPSK	1	0	22.27	23.01	20.86	38.45	-17.59	
				1	14	22.33	23.07	20.92	38.45	-17.53	
				8	4	22.36	23.10	20.95	38.45	-17.50	
				15	0	21.42	22.16	20.01	38.45	-18.44	
	26915	836.5	QPSK	1	0	22.37	23.11	20.96	38.45	-17.49	
				1	14	22.35	23.09	20.94	38.45	-17.51	
				8	4	22.21	22.95	20.80	38.45	-17.65	
				15	0	21.29	22.03	19.88	38.45	-18.57	
	27025	847.5	QPSK	1	0	22.33	23.07	20.92	38.45	-17.53	
				1	14	22.35	23.09	20.94	38.45	-17.51	
				8	4	22.28	23.02	20.87	38.45	-17.58	
				15	0	21.21	21.95	19.80	38.45	-18.65	
3	26805	825.5	16QAM	1	0	21.47	22.21	20.06	38.45	-18.39	
				1	14	21.37	22.11	19.96	38.45	-18.49	
				8	4	21.40	22.14	19.99	38.45	-18.46	
				15	0	20.33	21.07	18.92	38.45	-19.53	
	26915	836.5	16QAM	1	0	21.36	22.10	19.95	38.45	-18.50	
				1	14	21.35	22.09	19.94	38.45	-18.51	
				8	4	21.29	22.03	19.88	38.45	-18.57	
				15	0	20.40	21.14	18.99	38.45	-19.46	
	27025	847.5	16QAM	1	0	21.35	22.09	19.94	38.45	-18.51	
				1	14	21.33	22.07	19.92	38.45	-18.53	
				8	4	21.32	22.06	19.91	38.45	-18.54	
				15	0	20.23	20.97	18.82	38.45	-19.63	
3	26805	825.5	64QAM	1	0	20.29	21.03	18.88	38.45	-19.57	
				1	14	20.42	21.16	19.01	38.45	-19.44	
				8	4	20.36	21.10	18.95	38.45	-19.50	
				15	0	19.37	20.11	17.96	38.45	-20.49	
	26915	836.5	64QAM	1	0	20.27	21.01	18.86	38.45	-19.59	
				1	14	20.30	21.04	18.89	38.45	-19.56	
				8	4	20.41	21.15	19.00	38.45	-19.45	
				15	0	19.37	20.11	17.96	38.45	-20.49	
	27025	847.5	64QAM	1	0	20.38	21.12	18.97	38.45	-19.48	
				1	14	20.30	21.04	18.89	38.45	-19.56	
				8	4	20.33	21.07	18.92	38.45	-19.53	
				15	0	19.33	20.07	17.92	38.45	-20.53	
3	26805	825.5	256QAM	1	0	19.23	19.97	17.82	38.45	-20.63	
				1	14	19.33	20.07	17.92	38.45	-20.53	
				8	4	19.35	20.09	17.94	38.45	-20.51	
				15	0	18.34	19.08	16.93	38.45	-21.52	
	26915	836.5	256QAM	1	0	19.21	19.95	17.80	38.45	-20.65	
				1	14	19.25	19.99	17.84	38.45	-20.61	
				8	4	19.29	20.03	17.88	38.45	-20.57	
				15	0	18.22	18.96	16.81	38.45	-21.64	
	27025	847.5	256QAM	1	0	19.32	20.06	17.91	38.45	-20.54	
				1	14	19.32	20.06	17.91	38.45	-20.54	
				8	4	19.38	20.12	17.97	38.45	-20.48	
				15	0	18.26	19.00	16.85	38.45	-21.60	

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Antenna gain (dBi)		0.74								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	26815	826.5	QPSK	1	0	22.32	23.06	20.91	38.45	-17.54
				1	24	22.38	23.12	20.97	38.45	-17.48
				12	6	22.43	23.17	21.02	38.45	-17.43
				25	0	21.47	22.21	20.06	38.45	-18.39
	26915	836.5	QPSK	1	0	22.24	22.98	20.83	38.45	-17.62
				1	24	22.39	23.13	20.98	38.45	-17.47
				12	6	22.28	23.02	20.87	38.45	-17.58
				25	0	21.24	21.98	19.83	38.45	-18.62
	27015	846.5	QPSK	1	0	22.30	23.04	20.89	38.45	-17.56
				1	24	22.27	23.01	20.86	38.45	-17.59
				12	6	22.20	22.94	20.79	38.45	-17.66
				25	0	21.32	22.06	19.91	38.45	-18.54
5	26815	826.5	16QAM	1	0	21.45	22.19	20.04	38.45	-18.41
				1	24	21.39	22.13	19.98	38.45	-18.47
				12	6	21.44	22.18	20.03	38.45	-18.42
				25	0	20.33	21.07	18.92	38.45	-19.53
	26915	836.5	16QAM	1	0	21.42	22.16	20.01	38.45	-18.44
				1	24	21.33	22.07	19.92	38.45	-18.53
				12	6	21.17	21.91	19.76	38.45	-18.69
				25	0	20.29	21.03	18.88	38.45	-19.57
	27015	846.5	16QAM	1	0	21.37	22.11	19.96	38.45	-18.49
				1	24	21.32	22.06	19.91	38.45	-18.54
				12	6	21.31	22.05	19.90	38.45	-18.55
				25	0	20.29	21.03	18.88	38.45	-19.57
5	26815	826.5	64QAM	1	0	20.32	21.06	18.91	38.45	-19.54
				1	24	20.34	21.08	18.93	38.45	-19.52
				12	6	20.25	20.99	18.84	38.45	-19.61
				25	0	19.37	20.11	17.96	38.45	-20.49
	26915	836.5	64QAM	1	0	20.37	21.11	18.96	38.45	-19.49
				1	24	20.35	21.09	18.94	38.45	-19.51
				12	6	20.23	20.97	18.82	38.45	-19.63
				25	0	19.27	20.01	17.86	38.45	-20.59
	27015	846.5	64QAM	1	0	20.26	21.00	18.85	38.45	-19.60
				1	24	20.36	21.10	18.95	38.45	-19.50
				12	6	20.25	20.99	18.84	38.45	-19.61
				25	0	19.36	20.10	17.95	38.45	-20.50
5	26815	826.5	256QAM	1	0	19.43	20.17	18.02	38.45	-20.43
				1	24	19.46	20.20	18.05	38.45	-20.40
				12	6	19.40	20.14	17.99	38.45	-20.46
				25	0	18.45	19.19	17.04	38.45	-21.41
	26915	836.5	256QAM	1	0	19.29	20.03	17.88	38.45	-20.57
				1	24	19.28	20.02	17.87	38.45	-20.58
				12	6	19.29	20.03	17.88	38.45	-20.57
				25	0	18.40	19.14	16.99	38.45	-21.46
	27015	846.5	256QAM	1	0	19.25	19.99	17.84	38.45	-20.61
				1	24	19.29	20.03	17.88	38.45	-20.57
				12	6	19.38	20.12	17.97	38.45	-20.48
				25	0	18.31	19.05	16.90	38.45	-21.55

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Antenna gain (dBi)		0.74								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	26840	829	QPSK	1	0	22.39	23.13	20.98	38.45	-17.47
				1	49	22.44	23.18	21.03	38.45	-17.42
				25	12	22.27	23.01	20.86	38.45	-17.59
				50	0	21.35	22.09	19.94	38.45	-18.51
	26915	836.5	QPSK	1	0	22.30	23.04	20.89	38.45	-17.56
				1	49	22.28	23.02	20.87	38.45	-17.58
				25	12	22.20	22.94	20.79	38.45	-17.66
				50	0	21.15	21.89	19.74	38.45	-18.71
	26990	844	QPSK	1	0	22.34	23.08	20.93	38.45	-17.52
				1	49	22.32	23.06	20.91	38.45	-17.54
				25	12	22.24	22.98	20.83	38.45	-17.62
				50	0	21.34	22.08	19.93	38.45	-18.52
10	26840	829	16QAM	1	0	21.48	22.22	20.07	38.45	-18.38
				1	49	21.34	22.08	19.93	38.45	-18.52
				25	12	21.28	22.02	19.87	38.45	-18.58
				50	0	20.35	21.09	18.94	38.45	-19.51
	26915	836.5	16QAM	1	0	21.37	22.11	19.96	38.45	-18.49
				1	49	21.19	21.93	19.78	38.45	-18.67
				25	12	21.19	21.93	19.78	38.45	-18.67
				50	0	20.29	21.03	18.88	38.45	-19.57
	26990	844	16QAM	1	0	21.35	22.09	19.94	38.45	-18.51
				1	49	21.32	22.06	19.91	38.45	-18.54
				25	12	21.37	22.11	19.96	38.45	-18.49
				50	0	20.24	20.98	18.83	38.45	-19.62
10	26840	829	64QAM	1	0	20.31	21.05	18.90	38.45	-19.55
				1	49	20.42	21.16	19.01	38.45	-19.44
				25	12	20.39	21.13	18.98	38.45	-19.47
				50	0	19.32	20.06	17.91	38.45	-20.54
	26915	836.5	64QAM	1	0	20.21	20.95	18.80	38.45	-19.65
				1	49	20.27	21.01	18.86	38.45	-19.59
				25	12	20.29	21.03	18.88	38.45	-19.57
				50	0	19.28	20.02	17.87	38.45	-20.58
	26990	844	64QAM	1	0	20.31	21.05	18.90	38.45	-19.55
				1	49	20.40	21.14	18.99	38.45	-19.46
				25	12	20.33	21.07	18.92	38.45	-19.53
				50	0	19.32	20.06	17.91	38.45	-20.54
10	26840	829	256QAM	1	0	19.39	20.13	17.98	38.45	-20.47
				1	49	19.31	20.05	17.90	38.45	-20.55
				25	12	19.42	20.16	18.01	38.45	-20.44
				50	0	18.35	19.09	16.94	38.45	-21.51
	26915	836.5	256QAM	1	0	19.41	20.15	18.00	38.45	-20.45
				1	49	19.26	20.00	17.85	38.45	-20.60
				25	12	19.37	20.11	17.96	38.45	-20.49
				50	0	18.18	18.92	16.77	38.45	-21.68
	26990	844	256QAM	1	0	19.44	20.18	18.03	38.45	-20.42
				1	49	19.36	20.10	17.95	38.45	-20.50
				25	12	19.34	20.08	17.93	38.45	-20.52
				50	0	18.32	19.06	16.91	38.45	-21.54

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Antenna gain (dBi)		0.74								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
15	26865	831.5	QPSK	1	0	22.52	23.26	21.11	38.45	-17.34
				1	74	22.42	23.16	21.01	38.45	-17.44
				36	18	22.38	23.12	20.97	38.45	-17.48
				75	0	21.38	22.12	19.97	38.45	-18.48
	26915	836.5	QPSK	1	0	22.45	23.19	21.04	38.45	-17.41
				1	74	22.26	23.00	20.85	38.45	-17.60
				36	18	22.28	23.02	20.87	38.45	-17.58
				75	0	21.33	22.07	19.92	38.45	-18.53
	26965	841.5	QPSK	1	0	22.47	23.21	21.06	38.45	-17.39
				1	74	22.31	23.05	20.90	38.45	-17.55
				36	18	22.39	23.13	20.98	38.45	-17.47
				75	0	21.42	22.16	20.01	38.45	-18.44
15	26865	831.5	16QAM	1	0	21.31	22.05	19.90	38.45	-18.55
				1	74	21.45	22.19	20.04	38.45	-18.41
				36	18	21.35	22.09	19.94	38.45	-18.51
				75	0	20.35	21.09	18.94	38.45	-19.51
	26915	836.5	16QAM	1	0	21.42	22.16	20.01	38.45	-18.44
				1	74	21.26	22.00	19.85	38.45	-18.60
				36	18	21.26	22.00	19.85	38.45	-18.60
				75	0	20.31	21.05	18.90	38.45	-19.55
	26965	841.5	16QAM	1	0	21.27	22.01	19.86	38.45	-18.59
				1	74	21.38	22.12	19.97	38.45	-18.48
				36	18	21.33	22.07	19.92	38.45	-18.53
				75	0	20.36	21.10	18.95	38.45	-19.50
15	26865	831.5	64QAM	1	0	20.40	21.14	18.99	38.45	-19.46
				1	74	20.34	21.08	18.93	38.45	-19.52
				36	18	20.39	21.13	18.98	38.45	-19.47
				75	0	19.40	20.14	17.99	38.45	-20.46
	26915	836.5	64QAM	1	0	20.31	21.05	18.90	38.45	-19.55
				1	74	20.27	21.01	18.86	38.45	-19.59
				36	18	20.28	21.02	18.87	38.45	-19.58
				75	0	19.18	19.92	17.77	38.45	-20.68
	26965	841.5	64QAM	1	0	20.34	21.08	18.93	38.45	-19.52
				1	74	20.35	21.09	18.94	38.45	-19.51
				36	18	20.33	21.07	18.92	38.45	-19.53
				75	0	19.17	19.91	17.76	38.45	-20.69
15	26865	831.5	256QAM	1	0	19.43	20.17	18.02	38.45	-20.43
				1	74	19.30	20.04	17.89	38.45	-20.56
				36	18	19.34	20.08	17.93	38.45	-20.52
				75	0	18.28	19.02	16.87	38.45	-21.58
	26915	836.5	256QAM	1	0	19.25	19.99	17.84	38.45	-20.61
				1	74	19.22	19.96	17.81	38.45	-20.64
				36	18	19.25	19.99	17.84	38.45	-20.61
				75	0	18.24	18.98	16.83	38.45	-21.62
	26965	841.5	256QAM	1	0	19.26	20.00	17.85	38.45	-20.60
				1	74	19.42	20.16	18.01	38.45	-20.44
				36	18	19.44	20.18	18.03	38.45	-20.42
				75	0	18.32	19.06	16.91	38.45	-21.54

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Antenna gain (dBi)		1.18							
LTE Band 30_Uplink frequency band : 2305 to 2315 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm/5MHz)	EIRP Average (dBm/5MHz)	EIRP Limit (dBm/5MHz)	Margin (dB)
5	27685	2307.5	QPSK	1	0	22.71	23.89	24	-0.11
				1	24	22.71	23.89	24	-0.11
				12	6	21.82	23.00	24	-1
				25	0	21.75	22.93	24	-1.07
	27710	2310	QPSK	1	0	22.74	23.92	24	-0.08
				1	24	22.79	23.97	24	-0.03
				12	6	21.70	22.88	24	-1.12
				25	0	21.69	22.87	24	-1.13
	27735	2312.5	QPSK	1	0	22.76	23.94	24	-0.06
				1	24	22.75	23.93	24	-0.07
				12	6	21.74	22.92	24	-1.08
				25	0	21.79	22.97	24	-1.03
5	27685	2307.5	16QAM	1	0	21.74	22.92	24	-1.08
				1	24	21.80	22.98	24	-1.02
				12	6	20.77	21.95	24	-2.05
				25	0	20.76	21.94	24	-2.06
	27710	2310	16QAM	1	0	21.73	22.91	24	-1.09
				1	24	21.80	22.98	24	-1.02
				12	6	20.63	21.81	24	-2.19
				25	0	20.74	21.92	24	-2.08
	27735	2312.5	16QAM	1	0	21.83	23.01	24	-0.99
				1	24	21.69	22.87	24	-1.13
				12	6	20.72	21.90	24	-2.1
				25	0	20.81	21.99	24	-2.01
5	27685	2307.5	64QAM	1	0	20.66	21.84	24	-2.16
				1	24	20.82	22.00	24	-2
				12	6	19.86	21.04	24	-2.96
				25	0	19.73	20.91	24	-3.09
	27710	2310	64QAM	1	0	20.87	22.05	24	-1.95
				1	24	20.67	21.85	24	-2.15
				12	6	19.87	21.05	24	-2.95
				25	0	19.69	20.87	24	-3.13
	27735	2312.5	64QAM	1	0	20.79	21.97	24	-2.03
				1	24	20.81	21.99	24	-2.01
				12	6	19.76	20.94	24	-3.06
				25	0	19.79	20.97	24	-3.03
5	27685	2307.5	256QAM	1	0	19.86	21.04	24	-2.96
				1	24	19.79	20.97	24	-3.03
				12	6	18.82	20.00	24	-4
				25	0	18.74	19.92	24	-4.08
	27710	2310	256QAM	1	0	19.66	20.84	24	-3.16
				1	24	19.64	20.82	24	-3.18
				12	6	18.80	19.98	24	-4.02
				25	0	18.84	20.02	24	-3.98
	27735	2312.5	256QAM	1	0	19.75	20.93	24	-3.07
				1	24	19.69	20.87	24	-3.13
				12	6	18.74	19.92	24	-4.08
				25	0	18.71	19.89	24	-4.11

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Antenna gain (dBi)		1.18							
LTE Band 30_Uplink frequency band : 2305 to 2315 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm/5MHz)	EIRP Average (dBm/5MHz)	EIRP Limit (dBm/5MHz)	Margin (dB)
10	27710	2310	QPSK	1	0	22.81	23.99	24.00	-0.01
				1	49	22.75	23.93	24.00	-0.07
				25	12	21.73	22.91	24.00	-1.09
				50	0	21.75	22.93	24.00	-1.07
10	27710	2310	16QAM	1	0	21.74	22.92	24.00	-1.08
				1	49	21.84	23.02	24.00	-0.98
				25	12	20.86	22.04	24.00	-1.96
				50	0	20.77	21.95	24.00	-2.05
10	27710	2310	64QAM	1	0	20.76	21.94	24.00	-2.06
				1	49	20.71	21.89	24.00	-2.11
				25	12	19.70	20.88	24.00	-3.12
				50	0	19.77	20.95	24.00	-3.05
10	27710	2310	256QAM	1	0	19.73	20.91	24.00	-3.09
				1	49	19.81	20.99	24.00	-3.01
				25	12	18.79	19.97	24.00	-4.03
				50	0	18.84	20.02	24.00	-3.98

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Antenna gain (dBi)		1.26							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	37775	2572.5	QPSK	1	0	22.56	23.82	33	-9.18
				1	24	22.55	23.81	33	-9.19
				12	6	21.56	22.82	33	-10.18
				25	0	21.58	22.84	33	-10.16
	38000	2595	QPSK	1	0	22.48	23.74	33	-9.26
				1	24	22.45	23.71	33	-9.29
				12	6	21.35	22.61	33	-10.39
				25	0	21.55	22.81	33	-10.19
	38225	2617.5	QPSK	1	0	22.62	23.88	33	-9.12
				1	24	22.58	23.84	33	-9.16
				12	6	21.50	22.76	33	-10.24
				25	0	21.47	22.73	33	-10.27
5	37775	2572.5	16QAM	1	0	21.51	22.77	33	-10.23
				1	24	21.58	22.84	33	-10.16
				12	6	20.47	21.73	33	-11.27
				25	0	20.53	21.79	33	-11.21
	38000	2595	16QAM	1	0	21.42	22.68	33	-10.32
				1	24	21.48	22.74	33	-10.26
				12	6	20.49	21.75	33	-11.25
				25	0	20.44	21.70	33	-11.3
	38225	2617.5	16QAM	1	0	21.56	22.82	33	-10.18
				1	24	21.42	22.68	33	-10.32
				12	6	20.56	21.82	33	-11.18
				25	0	20.47	21.73	33	-11.27
5	37775	2572.5	64QAM	1	0	20.54	21.80	33	-11.2
				1	24	20.45	21.71	33	-11.29
				12	6	19.57	20.83	33	-12.17
				25	0	19.59	20.85	33	-12.15
	38000	2595	64QAM	1	0	20.38	21.64	33	-11.36
				1	24	20.44	21.70	33	-11.3
				12	6	19.52	20.78	33	-12.22
				25	0	19.48	20.74	33	-12.26
	38225	2617.5	64QAM	1	0	20.60	21.86	33	-11.14
				1	24	20.63	21.89	33	-11.11
				12	6	19.48	20.74	33	-12.26
				25	0	19.49	20.75	33	-12.25
5	37775	2572.5	256QAM	1	0	19.63	20.89	33	-12.11
				1	24	19.59	20.85	33	-12.15
				12	6	18.63	19.89	33	-13.11
				25	0	18.62	19.88	33	-13.12
	38000	2595	256QAM	1	0	19.49	20.75	33	-12.25
				1	24	19.40	20.66	33	-12.34
				12	6	18.44	19.70	33	-13.3
				25	0	18.47	19.73	33	-13.27
	38225	2617.5	256QAM	1	0	19.59	20.85	33	-12.15
				1	24	19.45	20.71	33	-12.29
				12	6	18.54	19.80	33	-13.2
				25	0	18.52	19.78	33	-13.22

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Antenna gain (dBi)		1.26							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	37800	2575	QPSK	1	0	22.58	23.84	33	-9.16
				1	49	22.67	23.93	33	-9.07
				25	12	21.55	22.81	33	-10.19
				50	0	21.71	22.97	33	-10.03
	38000	2595	QPSK	1	0	22.54	23.80	33	-9.2
				1	49	22.45	23.71	33	-9.29
				25	12	21.37	22.63	33	-10.37
				50	0	21.48	22.74	33	-10.26
	38200	2615	QPSK	1	0	22.44	23.70	33	-9.3
				1	49	22.57	23.83	33	-9.17
				25	12	21.43	22.69	33	-10.31
				50	0	21.61	22.87	33	-10.13
10	37800	2575	16QAM	1	0	21.54	22.80	33	-10.2
				1	49	21.51	22.77	33	-10.23
				25	12	20.55	21.81	33	-11.19
				50	0	20.58	21.84	33	-11.16
	38000	2595	16QAM	1	0	21.37	22.63	33	-10.37
				1	49	21.61	22.87	33	-10.13
				25	12	20.54	21.80	33	-11.2
				50	0	20.36	21.62	33	-11.38
	38200	2615	16QAM	1	0	21.48	22.74	33	-10.26
				1	49	21.44	22.70	33	-10.3
				25	12	20.53	21.79	33	-11.21
				50	0	20.62	21.88	33	-11.12
10	37800	2575	64QAM	1	0	20.52	21.78	33	-11.22
				1	49	20.63	21.89	33	-11.11
				25	12	19.51	20.77	33	-12.23
				50	0	19.54	20.80	33	-12.2
	38000	2595	64QAM	1	0	20.49	21.75	33	-11.25
				1	49	20.40	21.66	33	-11.34
				25	12	19.34	20.60	33	-12.4
				50	0	19.40	20.66	33	-12.34
	38200	2615	64QAM	1	0	20.53	21.79	33	-11.21
				1	49	20.61	21.87	33	-11.13
				25	12	19.55	20.81	33	-12.19
				50	0	19.50	20.76	33	-12.24
10	37800	2575	256QAM	1	0	19.49	20.75	33	-12.25
				1	49	19.66	20.92	33	-12.08
				25	12	18.67	19.93	33	-13.07
				50	0	18.60	19.86	33	-13.14
	38000	2595	256QAM	1	0	19.48	20.74	33	-12.26
				1	49	19.46	20.72	33	-12.28
				25	12	18.35	19.61	33	-13.39
				50	0	18.42	19.68	33	-13.32
	38200	2615	256QAM	1	0	19.54	20.80	33	-12.2
				1	49	19.41	20.67	33	-12.33
				25	12	18.62	19.88	33	-13.12
				50	0	18.48	19.74	33	-13.26

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Antenna gain (dBi)		1.26							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	37825	2577.5	QPSK	1	0	22.65	23.91	33	-9.09
				1	74	22.52	23.78	33	-9.22
				36	19	21.55	22.81	33	-10.19
				75	0	21.50	22.76	33	-10.24
	38000	2595	QPSK	1	0	22.51	23.77	33	-9.23
				1	74	22.56	23.82	33	-9.18
				36	19	21.50	22.76	33	-10.24
				75	0	21.54	22.80	33	-10.2
	38175	2612.5	QPSK	1	0	22.50	23.76	33	-9.24
				1	74	22.53	23.79	33	-9.21
				36	19	21.58	22.84	33	-10.16
				75	0	21.52	22.78	33	-10.22
15	37825	2577.5	16QAM	1	0	21.60	22.86	33	-10.14
				1	74	21.66	22.92	33	-10.08
				36	19	20.57	21.83	33	-11.17
				75	0	20.55	21.81	33	-11.19
	38000	2595	16QAM	1	0	21.48	22.74	33	-10.26
				1	74	21.46	22.72	33	-10.28
				36	19	20.45	21.71	33	-11.29
				75	0	20.44	21.70	33	-11.3
	38175	2612.5	16QAM	1	0	21.56	22.82	33	-10.18
				1	74	21.55	22.81	33	-10.19
				36	19	20.61	21.87	33	-11.13
				75	0	20.48	21.74	33	-11.26
15	37825	2577.5	64QAM	1	0	20.62	21.88	33	-11.12
				1	74	20.59	21.85	33	-11.15
				36	19	19.53	20.79	33	-12.21
				75	0	19.55	20.81	33	-12.19
	38000	2595	64QAM	1	0	20.48	21.74	33	-11.26
				1	74	20.56	21.82	33	-11.18
				36	19	19.49	20.75	33	-12.25
				75	0	19.47	20.73	33	-12.27
	38175	2612.5	64QAM	1	0	20.63	21.89	33	-11.11
				1	74	20.50	21.76	33	-11.24
				36	19	19.47	20.73	33	-12.27
				75	0	19.55	20.81	33	-12.19
15	37825	2577.5	256QAM	1	0	19.66	20.92	33	-12.08
				1	74	19.58	20.84	33	-12.16
				36	19	18.47	19.73	33	-13.27
				75	0	18.61	19.87	33	-13.13
	38000	2595	256QAM	1	0	19.56	20.82	33	-12.18
				1	74	19.45	20.71	33	-12.29
				36	19	18.46	19.72	33	-13.28
				75	0	18.38	19.64	33	-13.36
	38175	2612.5	256QAM	1	0	19.57	20.83	33	-12.17
				1	74	19.53	20.79	33	-12.21
				36	19	18.51	19.77	33	-13.23
				75	0	18.46	19.72	33	-13.28

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Antenna gain (dBi)		1.26							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	37850	2580	QPSK	1	0	22.74	24.00	33	-9
				1	99	22.56	23.82	33	-9.18
				50	25	21.71	22.97	33	-10.03
				100	0	21.65	22.91	33	-10.09
	38000	2595	QPSK	1	0	22.63	23.89	33	-9.11
				1	99	22.59	23.85	33	-9.15
				50	25	21.52	22.78	33	-10.22
				100	0	21.42	22.68	33	-10.32
	38150	2610	QPSK	1	0	22.68	23.94	33	-9.06
				1	99	22.48	23.74	33	-9.26
				50	25	21.50	22.76	33	-10.24
				100	0	21.46	22.72	33	-10.28
20	37850	2580	16QAM	1	0	21.56	22.82	33	-10.18
				1	99	21.53	22.79	33	-10.21
				50	25	20.57	21.83	33	-11.17
				100	0	20.59	21.85	33	-11.15
	38000	2595	16QAM	1	0	21.50	22.76	33	-10.24
				1	99	21.45	22.71	33	-10.29
				50	25	20.47	21.73	33	-11.27
				100	0	20.56	21.82	33	-11.18
	38150	2610	16QAM	1	0	21.58	22.84	33	-10.16
				1	99	21.60	22.86	33	-10.14
				50	25	20.50	21.76	33	-11.24
				100	0	20.62	21.88	33	-11.12
20	37850	2580	64QAM	1	0	20.62	21.88	33	-11.12
				1	99	20.69	21.95	33	-11.05
				50	25	19.61	20.87	33	-12.13
				100	0	19.60	20.86	33	-12.14
	38000	2595	64QAM	1	0	20.43	21.69	33	-11.31
				1	99	20.40	21.66	33	-11.34
				50	25	19.46	20.72	33	-12.28
				100	0	19.46	20.72	33	-12.28
	38150	2610	64QAM	1	0	20.45	21.71	33	-11.29
				1	99	20.57	21.83	33	-11.17
				50	25	19.52	20.78	33	-12.22
				100	0	19.55	20.81	33	-12.19
20	37850	2580	256QAM	1	0	19.62	20.88	33	-12.12
				1	99	19.62	20.88	33	-12.12
				50	25	18.65	19.91	33	-13.09
				100	0	18.49	19.75	33	-13.25
	38000	2595	256QAM	1	0	19.47	20.73	33	-12.27
				1	99	19.46	20.72	33	-12.28
				50	25	18.52	19.78	33	-13.22
				100	0	18.52	19.78	33	-13.22
	38150	2610	256QAM	1	0	19.65	20.91	33	-12.09
				1	99	19.55	20.81	33	-12.19
				50	25	18.55	19.81	33	-13.19
				100	0	18.52	19.78	33	-13.22

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Antenna gain (dBi)		1.52							
LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	39675	2498.5	QPSK	1	0	22.62	24.14	33	-8.86
				1	24	22.55	24.07	33	-8.93
				12	6	21.58	23.10	33	-9.9
				25	0	21.64	23.16	33	-9.84
	40620	2593	QPSK	1	0	22.60	24.12	33	-8.88
				1	24	22.60	24.12	33	-8.88
				12	6	21.59	23.11	33	-9.89
				25	0	21.57	23.09	33	-9.91
	41565	2687.5	QPSK	1	0	22.60	24.12	33	-8.88
				1	24	22.60	24.12	33	-8.88
				12	6	21.59	23.11	33	-9.89
				25	0	21.57	23.09	33	-9.91
5	39675	2498.5	16QAM	1	0	21.56	23.08	33	-9.92
				1	24	21.63	23.15	33	-9.85
				12	6	20.59	22.11	33	-10.89
				25	0	20.52	22.04	33	-10.96
	40620	2593	16QAM	1	0	21.60	23.12	33	-9.88
				1	24	21.56	23.08	33	-9.92
				12	6	20.63	22.15	33	-10.85
				25	0	20.63	22.15	33	-10.85
	41565	2687.5	16QAM	1	0	21.60	23.12	33	-9.88
				1	24	21.56	23.08	33	-9.92
				12	6	20.63	22.15	33	-10.85
				25	0	20.63	22.15	33	-10.85
5	39675	2498.5	64QAM	1	0	20.65	22.17	33	-10.83
				1	24	20.61	22.13	33	-10.87
				12	6	19.59	21.11	33	-11.89
				25	0	19.63	21.15	33	-11.85
	40620	2593	64QAM	1	0	20.65	22.17	33	-10.83
				1	24	20.68	22.20	33	-10.8
				12	6	19.48	21.00	33	-12
				25	0	19.53	21.05	33	-11.95
	41565	2687.5	64QAM	1	0	20.65	22.17	33	-10.83
				1	24	20.69	22.21	33	-10.79
				12	6	19.48	21.00	33	-12
				25	0	19.53	21.05	33	-11.95
5	39675	2498.5	256QAM	1	0	19.64	21.16	33	-11.84
				1	24	19.48	21.00	33	-12
				12	6	18.59	20.11	33	-12.89
				25	0	18.58	20.10	33	-12.9
	40620	2593	256QAM	1	0	19.52	21.04	33	-11.96
				1	24	19.61	21.13	33	-11.87
				12	6	18.64	20.16	33	-12.84
				25	0	18.66	20.18	33	-12.82
	41565	2687.5	256QAM	1	0	19.52	21.04	33	-11.96
				1	24	19.59	21.11	33	-11.89
				12	6	18.64	20.16	33	-12.84
				25	0	18.66	20.18	33	-12.82

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Antenna gain (dBi)		1.52							
LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	39700	2501	QPSK	1	0	22.61	24.13	33	-8.87
				1	49	22.61	24.13	33	-8.87
				25	12	21.59	23.11	33	-9.89
				50	0	21.65	23.17	33	-9.83
	40620	2593	QPSK	1	0	22.66	24.18	33	-8.82
				1	49	22.68	24.20	33	-8.8
				25	12	21.50	23.02	33	-9.98
				50	0	21.68	23.20	33	-9.8
	41540	2685	QPSK	1	0	22.66	24.18	33	-8.82
				1	49	22.65	24.17	33	-8.83
				25	12	21.50	23.02	33	-9.98
				50	0	21.68	23.20	33	-9.8
10	39700	2501	16QAM	1	0	21.61	23.13	33	-9.87
				1	49	21.62	23.14	33	-9.86
				25	12	20.66	22.18	33	-10.82
				50	0	20.50	22.02	33	-10.98
	40620	2593	16QAM	1	0	21.58	23.10	33	-9.9
				1	49	21.58	23.10	33	-9.9
				25	12	20.59	22.11	33	-10.89
				50	0	20.66	22.18	33	-10.82
	41540	2685	16QAM	1	0	21.58	23.10	33	-9.9
				1	49	21.58	23.10	33	-9.9
				25	12	20.59	22.11	33	-10.89
				50	0	20.66	22.18	33	-10.82
10	39700	2501	64QAM	1	0	20.48	22.00	33	-11
				1	49	20.62	22.14	33	-10.86
				25	12	19.53	21.05	33	-11.95
				50	0	19.60	21.12	33	-11.88
	40620	2593	64QAM	1	0	20.57	22.09	33	-10.91
				1	49	20.50	22.02	33	-10.98
				25	12	19.51	21.03	33	-11.97
				50	0	19.60	21.12	33	-11.88
	41540	2685	64QAM	1	0	20.57	22.09	33	-10.91
				1	49	20.50	22.02	33	-10.98
				25	12	19.51	21.03	33	-11.97
				50	0	19.60	21.12	33	-11.88
10	39700	2501	256QAM	1	0	19.60	21.12	33	-11.88
				1	49	19.58	21.10	33	-11.9
				25	12	18.69	20.21	33	-12.79
				50	0	18.58	20.10	33	-12.9
	40620	2593	256QAM	1	0	19.61	21.13	33	-11.87
				1	49	19.53	21.05	33	-11.95
				25	12	18.64	20.16	33	-12.84
				50	0	18.75	20.27	33	-12.73
	41540	2685	256QAM	1	0	19.59	21.11	33	-11.89
				1	49	19.53	21.05	33	-11.95
				25	12	18.64	20.16	33	-12.84
				50	0	18.75	20.27	33	-12.73

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LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	39725	2503.5	QPSK	1	0	22.48	24.00	33	-9
				1	74	22.70	24.22	33	-8.78
				36	18	21.65	23.17	33	-9.83
				75	0	21.63	23.15	33	-9.85
	40620	2593	QPSK	1	0	22.55	24.07	33	-8.93
				1	74	22.54	24.06	33	-8.94
				36	18	21.56	23.08	33	-9.92
				75	0	21.54	23.06	33	-9.94
	41515	2682.5	QPSK	1	0	22.55	24.07	33	-8.93
				1	74	22.54	24.06	33	-8.94
				36	18	21.56	23.08	33	-9.92
				75	0	21.54	23.06	33	-9.94
15	39725	2503.5	16QAM	1	0	21.52	23.04	33	-9.96
				1	74	21.68	23.20	33	-9.8
				36	18	20.52	22.04	33	-10.96
				75	0	20.67	22.19	33	-10.81
	40620	2593	16QAM	1	0	21.58	23.10	33	-9.9
				1	74	21.58	23.10	33	-9.9
				36	18	20.65	22.17	33	-10.83
				75	0	20.58	22.10	33	-10.9
	41515	2682.5	16QAM	1	0	21.58	23.10	33	-9.9
				1	74	21.58	23.10	33	-9.9
				36	18	20.65	22.17	33	-10.83
				75	0	20.58	22.10	33	-10.9
15	39725	2503.5	64QAM	1	0	20.58	22.10	33	-10.9
				1	74	20.55	22.07	33	-10.93
				36	18	19.52	21.04	33	-11.96
				75	0	19.70	21.22	33	-11.78
	40620	2593	64QAM	1	0	20.64	22.16	33	-10.84
				1	74	20.62	22.14	33	-10.86
				36	18	19.54	21.06	33	-11.94
				75	0	19.59	21.11	33	-11.89
	41515	2682.5	64QAM	1	0	20.63	22.15	33	-10.85
				1	74	20.62	22.14	33	-10.86
				36	18	19.54	21.06	33	-11.94
				75	0	19.59	21.11	33	-11.89
15	39725	2503.5	256QAM	1	0	19.51	21.03	33	-11.97
				1	74	19.51	21.03	33	-11.97
				36	18	18.62	20.14	33	-12.86
				75	0	18.66	20.18	33	-12.82
	40620	2593	256QAM	1	0	19.58	21.10	33	-11.9
				1	74	19.49	21.01	33	-11.99
				36	18	18.59	20.11	33	-12.89
				75	0	18.66	20.18	33	-12.82
	41515	2682.5	256QAM	1	0	19.55	21.07	33	-11.93
				1	74	19.53	21.05	33	-11.95
				36	18	18.59	20.11	33	-12.89
				75	0	18.66	20.18	33	-12.82

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Antenna gain (dBi)		1.52							
LTE Band 41_Uplink frequency band : 2496 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	39750	2506	QPSK	1	0	22.76	24.28	33	-8.72
				1	99	22.62	24.14	33	-8.86
				50	25	21.66	23.18	33	-9.82
				100	0	21.65	23.17	33	-9.83
	40620	2593	QPSK	1	0	22.77	24.29	33	-8.71
				1	99	22.68	24.20	33	-8.8
				50	25	21.56	23.08	33	-9.92
				100	0	21.60	23.12	33	-9.88
	41490	2680	QPSK	1	0	22.75	24.27	33	-8.73
				1	99	22.68	24.20	33	-8.8
				50	25	21.56	23.08	33	-9.92
				100	0	21.60	23.12	33	-9.88
20	39750	2506	16QAM	1	0	21.67	23.19	33	-9.81
				1	99	21.56	23.08	33	-9.92
				50	25	20.59	22.11	33	-10.89
				100	0	20.60	22.12	33	-10.88
	40620	2593	16QAM	1	0	21.62	23.14	33	-9.86
				1	99	21.68	23.20	33	-9.8
				50	25	20.67	22.19	33	-10.81
				100	0	20.52	22.04	33	-10.96
	41490	2680	16QAM	1	0	21.62	23.14	33	-9.86
				1	99	21.65	23.17	33	-9.83
				50	25	20.67	22.19	33	-10.81
				100	0	20.52	22.04	33	-10.96
20	39750	2506	64QAM	1	0	20.62	22.14	33	-10.86
				1	99	20.70	22.22	33	-10.78
				50	25	19.48	21.00	33	-12
				100	0	19.64	21.16	33	-11.84
	40620	2593	64QAM	1	0	20.65	22.17	33	-10.83
				1	99	20.54	22.06	33	-10.94
				50	25	19.56	21.08	33	-11.92
				100	0	19.54	21.06	33	-11.94
	41490	2680	64QAM	1	0	20.65	22.17	33	-10.83
				1	99	20.54	22.06	33	-10.94
				50	25	19.56	21.08	33	-11.92
				100	0	19.54	21.06	33	-11.94
20	39750	2506	256QAM	1	0	19.49	21.01	33	-11.99
				1	99	19.55	21.07	33	-11.93
				50	25	18.63	20.15	33	-12.85
				100	0	18.69	20.21	33	-12.79
	40620	2593	256QAM	1	0	19.62	21.14	33	-11.86
				1	99	19.65	21.17	33	-11.83
				50	25	18.49	20.01	33	-12.99
				100	0	18.70	20.22	33	-12.78
	41490	2680	256QAM	1	0	19.62	21.14	33	-11.86
				1	99	19.69	21.21	33	-11.79
				50	25	18.49	20.01	33	-12.99
				100	0	18.70	20.22	33	-12.78

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Antenna gain (dBi)		1.58							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	42115	3452.5	QPSK	1	0	21.15	22.73	33	-10.27
				1	24	21.16	22.74	33	-10.26
				12	6	20.07	21.65	33	-11.35
				25	0	20.10	21.68	33	-11.32
	42590	3500	QPSK	1	0	21.33	22.91	33	-10.09
				1	24	21.31	22.89	33	-10.11
				12	6	20.17	21.75	33	-11.25
				25	0	20.22	21.80	33	-11.2
	43065	3547.5	QPSK	1	0	21.16	22.74	33	-10.26
				1	24	21.20	22.78	33	-10.22
				12	6	20.11	21.69	33	-11.31
				25	0	20.15	21.73	33	-11.27
5	42115	3452.5	16QAM	1	0	20.29	21.87	33	-11.13
				1	24	20.32	21.90	33	-11.1
				12	6	19.08	20.66	33	-12.34
				25	0	19.14	20.72	33	-12.28
	42590	3500	16QAM	1	0	20.48	22.06	33	-10.94
				1	24	20.48	22.06	33	-10.94
				12	6	19.20	20.78	33	-12.22
				25	0	19.25	20.83	33	-12.17
	43065	3547.5	16QAM	1	0	20.31	21.89	33	-11.11
				1	24	20.35	21.93	33	-11.07
				12	6	19.13	20.71	33	-12.29
				25	0	19.15	20.73	33	-12.27
5	42115	3452.5	64QAM	1	0	19.05	20.63	33	-12.37
				1	24	19.09	20.67	33	-12.33
				12	6	18.07	19.65	33	-13.35
				25	0	18.12	19.70	33	-13.3
	42590	3500	64QAM	1	0	19.20	20.78	33	-12.22
				1	24	19.21	20.79	33	-12.21
				12	6	18.22	19.80	33	-13.2
				25	0	18.25	19.83	33	-13.17
	43065	3547.5	64QAM	1	0	19.06	20.64	33	-12.36
				1	24	19.08	20.66	33	-12.34
				12	6	18.12	19.70	33	-13.3
				25	0	18.14	19.72	33	-13.28
5	42115	3452.5	256QAM	1	0	16.15	17.73	33	-15.27
				1	24	16.17	17.75	33	-15.25
				12	6	16.18	17.76	33	-15.24
				25	0	16.16	17.74	33	-15.26
	42590	3500	256QAM	1	0	16.33	17.91	33	-15.09
				1	24	16.30	17.88	33	-15.12
				12	6	16.29	17.87	33	-15.13
				25	0	16.32	17.90	33	-15.1
	43065	3547.5	256QAM	1	0	16.19	17.77	33	-15.23
				1	24	16.18	17.76	33	-15.24
				12	6	16.21	17.79	33	-15.21
				25	0	16.23	17.81	33	-15.19

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Antenna gain (dBi)		1.58							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	42140	3455	QPSK	1	0	21.10	22.68	33	-10.32
				1	49	21.13	22.71	33	-10.29
				25	12	20.09	21.67	33	-11.33
				50	0	20.12	21.70	33	-11.3
	42590	3500	QPSK	1	0	21.27	22.85	33	-10.15
				1	49	21.29	22.87	33	-10.13
				25	12	20.22	21.80	33	-11.2
				50	0	20.28	21.86	33	-11.14
	43040	3545	QPSK	1	0	21.17	22.75	33	-10.25
				1	49	21.15	22.73	33	-10.27
				25	12	20.11	21.69	33	-11.31
				50	0	20.14	21.72	33	-11.28
10	42140	3455	16QAM	1	0	20.29	21.87	33	-11.13
				1	49	20.31	21.89	33	-11.11
				25	12	19.13	20.71	33	-12.29
				50	0	19.15	20.73	33	-12.27
	42590	3500	16QAM	1	0	20.45	22.03	33	-10.97
				1	49	20.49	22.07	33	-10.93
				25	12	19.25	20.83	33	-12.17
				50	0	19.29	20.87	33	-12.13
	43040	3545	16QAM	1	0	20.38	21.96	33	-11.04
				1	49	20.36	21.94	33	-11.06
				25	12	19.15	20.73	33	-12.27
				50	0	19.18	20.76	33	-12.24
10	42140	3455	64QAM	1	0	19.02	20.60	33	-12.4
				1	49	19.02	20.60	33	-12.4
				25	12	18.13	19.71	33	-13.29
				50	0	18.07	19.65	33	-13.35
	42590	3500	64QAM	1	0	19.14	20.72	33	-12.28
				1	49	19.18	20.76	33	-12.24
				25	12	18.25	19.83	33	-13.17
				50	0	18.24	19.82	33	-13.18
	43040	3545	64QAM	1	0	19.10	20.68	33	-12.32
				1	49	19.09	20.67	33	-12.33
				25	12	18.14	19.72	33	-13.28
				50	0	18.09	19.67	33	-13.33
10	42140	3455	256QAM	1	0	16.08	17.66	33	-15.34
				1	49	16.11	17.69	33	-15.31
				25	12	16.14	17.72	33	-15.28
				50	0	16.19	17.77	33	-15.23
	42590	3500	256QAM	1	0	16.25	17.83	33	-15.17
				1	49	16.29	17.87	33	-15.13
				25	12	16.29	17.87	33	-15.13
				50	0	16.35	17.93	33	-15.07
	43040	3545	256QAM	1	0	16.18	17.76	33	-15.24
				1	49	16.20	17.78	33	-15.22
				25	12	16.16	17.74	33	-15.26
				50	0	16.21	17.79	33	-15.21

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Antenna gain (dBi)		1.58							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	42165	3457.5	QPSK	1	0	21.02	22.60	33	-10.4
				1	74	21.12	22.70	33	-10.3
				36	18	20.06	21.64	33	-11.36
				75	0	20.08	21.66	33	-11.34
	42590	3500	QPSK	1	0	21.16	22.74	33	-10.26
				1	74	21.21	22.79	33	-10.21
				36	18	20.22	21.80	33	-11.2
				75	0	20.23	21.81	33	-11.19
	43015	3542.5	QPSK	1	0	21.11	22.69	33	-10.31
				1	74	21.12	22.70	33	-10.3
				36	18	20.12	21.70	33	-11.3
				75	0	20.12	21.70	33	-11.3
15	42165	3457.5	16QAM	1	0	20.23	21.81	33	-11.19
				1	74	20.29	21.87	33	-11.13
				36	18	19.05	20.63	33	-12.37
				75	0	19.07	20.65	33	-12.35
	42590	3500	16QAM	1	0	20.38	21.96	33	-11.04
				1	74	20.44	22.02	33	-10.98
				36	18	19.20	20.78	33	-12.22
				75	0	19.21	20.79	33	-12.21
	43015	3542.5	16QAM	1	0	20.30	21.88	33	-11.12
				1	74	20.31	21.89	33	-11.11
				36	18	19.05	20.63	33	-12.37
				75	0	19.08	20.66	33	-12.34
15	42165	3457.5	64QAM	1	0	18.97	20.55	33	-12.45
				1	74	19.03	20.61	33	-12.39
				36	18	18.05	19.63	33	-13.37
				75	0	18.06	19.64	33	-13.36
	42590	3500	64QAM	1	0	19.12	20.70	33	-12.3
				1	74	19.16	20.74	33	-12.26
				36	18	18.17	19.75	33	-13.25
				75	0	18.18	19.76	33	-13.24
	43015	3542.5	64QAM	1	0	19.04	20.62	33	-12.38
				1	74	19.03	20.61	33	-12.39
				36	18	18.10	19.68	33	-13.32
				75	0	18.08	19.66	33	-13.34
15	42165	3457.5	256QAM	1	0	16.06	17.64	33	-15.36
				1	74	16.11	17.69	33	-15.31
				36	18	16.13	17.71	33	-15.29
				75	0	16.12	17.70	33	-15.3
	42590	3500	256QAM	1	0	16.19	17.77	33	-15.23
				1	74	16.28	17.86	33	-15.14
				36	18	16.27	17.85	33	-15.15
				75	0	16.25	17.83	33	-15.17
	43015	3542.5	256QAM	1	0	16.11	17.69	33	-15.31
				1	74	16.13	17.71	33	-15.29
				36	18	16.14	17.72	33	-15.28
				75	0	16.13	17.71	33	-15.29

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Antenna gain (dBi)		1.58							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	42190	3460	QPSK	1	0	21.01	22.59	33	-10.41
				1	99	21.09	22.67	33	-10.33
				50	25	20.12	21.70	33	-11.3
				100	0	20.10	21.68	33	-11.32
	42590	3500	QPSK	1	0	21.19	22.77	33	-10.23
				1	99	21.16	22.74	33	-10.26
				50	25	20.31	21.89	33	-11.11
				100	0	20.23	21.81	33	-11.19
	42990	3540	QPSK	1	0	21.04	22.62	33	-10.38
				1	99	21.10	22.68	33	-10.32
				50	25	20.14	21.72	33	-11.28
				100	0	20.13	21.71	33	-11.29
20	42190	3460	16QAM	1	0	20.20	21.78	33	-11.22
				1	99	20.26	21.84	33	-11.16
				50	25	19.14	20.72	33	-12.28
				100	0	19.11	20.69	33	-12.31
	42590	3500	16QAM	1	0	20.36	21.94	33	-11.06
				1	99	20.37	21.95	33	-11.05
				50	25	19.32	20.90	33	-12.1
				100	0	19.23	20.81	33	-12.19
	42990	3540	16QAM	1	0	20.21	21.79	33	-11.21
				1	99	20.25	21.83	33	-11.17
				50	25	19.15	20.73	33	-12.27
				100	0	19.15	20.73	33	-12.27
20	42190	3460	64QAM	1	0	18.93	20.51	33	-12.49
				1	99	18.98	20.56	33	-12.44
				50	25	18.10	19.68	33	-13.32
				100	0	18.07	19.65	33	-13.35
	42590	3500	64QAM	1	0	19.08	20.66	33	-12.34
				1	99	19.08	20.66	33	-12.34
				50	25	18.24	19.82	33	-13.18
				100	0	18.22	19.80	33	-13.2
	42990	3540	64QAM	1	0	18.98	20.56	33	-12.44
				1	99	19.02	20.60	33	-12.4
				50	25	18.12	19.70	33	-13.3
				100	0	18.07	19.65	33	-13.35
20	42190	3460	256QAM	1	0	15.99	17.57	33	-15.43
				1	99	16.08	17.66	33	-15.34
				50	25	16.18	17.76	33	-15.24
				100	0	16.10	17.68	33	-15.32
	42590	3500	256QAM	1	0	16.14	17.72	33	-15.28
				1	99	16.11	17.69	33	-15.31
				50	25	16.32	17.90	33	-15.1
				100	0	16.20	17.78	33	-15.22
	42990	3540	256QAM	1	0	16.01	17.59	33	-15.41
				1	99	16.06	17.64	33	-15.36
				50	25	16.21	17.79	33	-15.21
				100	0	16.14	17.72	33	-15.28

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Antenna gain (dBi)		2.28							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	131979	1710.7	QPSK	1	0	22.71	24.99	30	-5.01
				1	5	22.80	25.08	30	-4.92
				3	2	22.83	25.11	30	-4.89
				6	0	21.82	24.10	30	-5.9
	132322	1745	QPSK	1	0	22.74	25.02	30	-4.98
				1	5	22.83	25.11	30	-4.89
				3	2	22.71	24.99	30	-5.01
				6	0	21.86	24.14	30	-5.86
	132665	1779.3	QPSK	1	0	22.96	25.24	30	-4.76
				1	5	22.73	25.01	30	-4.99
				3	2	22.82	25.10	30	-4.9
				6	0	21.93	24.21	30	-5.79
1.4	131979	1710.7	16QAM	1	0	21.75	24.03	30	-5.97
				1	5	21.73	24.01	30	-5.99
				3	2	21.83	24.11	30	-5.89
				6	0	20.77	23.05	30	-6.95
	132322	1745	16QAM	1	0	21.76	24.04	30	-5.96
				1	5	21.73	24.01	30	-5.99
				3	2	21.70	23.98	30	-6.02
				6	0	20.76	23.04	30	-6.96
	132665	1779.3	16QAM	1	0	21.84	24.12	30	-5.88
				1	5	21.72	24.00	30	-6
				3	2	21.75	24.03	30	-5.97
				6	0	20.87	23.15	30	-6.85
1.4	131979	1710.7	64QAM	1	0	20.70	22.98	30	-7.02
				1	5	20.76	23.04	30	-6.96
				3	2	20.89	23.17	30	-6.83
				6	0	19.81	22.09	30	-7.91
	132322	1745	64QAM	1	0	20.85	23.13	30	-6.87
				1	5	20.72	23.00	30	-7
				3	2	20.76	23.04	30	-6.96
				6	0	19.81	22.09	30	-7.91
	132665	1779.3	64QAM	1	0	20.92	23.20	30	-6.8
				1	5	20.87	23.15	30	-6.85
				3	2	20.84	23.12	30	-6.88
				6	0	19.81	22.09	30	-7.91
1.4	131979	1710.7	256QAM	1	0	19.79	22.07	30	-7.93
				1	5	19.84	22.12	30	-7.88
				3	2	19.82	22.10	30	-7.9
				6	0	18.84	21.12	30	-8.88
	132322	1745	256QAM	1	0	19.80	22.08	30	-7.92
				1	5	19.90	22.18	30	-7.82
				3	2	19.86	22.14	30	-7.86
				6	0	18.77	21.05	30	-8.95
	132665	1779.3	256QAM	1	0	19.82	22.10	30	-7.9
				1	5	19.92	22.20	30	-7.8
				3	2	19.79	22.07	30	-7.93
				6	0	18.85	21.13	30	-8.87

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Antenna gain (dBi)		2.28							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	131987	1711.5	QPSK	1	0	22.90	25.18	30	-4.82
				1	14	22.92	25.20	30	-4.8
				8	4	22.90	25.18	30	-4.82
				15	0	21.93	24.21	30	-5.79
	132322	1745	QPSK	1	0	22.82	25.10	30	-4.9
				1	14	22.86	25.14	30	-4.86
				8	4	22.81	25.09	30	-4.91
				15	0	21.82	24.10	30	-5.9
	132657	1778.5	QPSK	1	0	22.85	25.13	30	-4.87
				1	14	22.80	25.08	30	-4.92
				8	4	22.81	25.09	30	-4.91
				15	0	21.93	24.21	30	-5.79
3	131987	1711.5	16QAM	1	0	21.93	24.21	30	-5.79
				1	14	21.80	24.08	30	-5.92
				8	4	21.75	24.03	30	-5.97
				15	0	20.76	23.04	30	-6.96
	132322	1745	16QAM	1	0	21.76	24.04	30	-5.96
				1	14	21.80	24.08	30	-5.92
				8	4	21.81	24.09	30	-5.91
				15	0	20.73	23.01	30	-6.99
	132657	1778.5	16QAM	1	0	21.99	24.27	30	-5.73
				1	14	21.81	24.09	30	-5.91
				8	4	21.87	24.15	30	-5.85
				15	0	20.99	23.27	30	-6.73
3	131987	1711.5	64QAM	1	0	20.73	23.01	30	-6.99
				1	14	20.79	23.07	30	-6.93
				8	4	20.70	22.98	30	-7.02
				15	0	19.86	22.14	30	-7.86
	132322	1745	64QAM	1	0	20.66	22.94	30	-7.06
				1	14	20.80	23.08	30	-6.92
				8	4	20.80	23.08	30	-6.92
				15	0	19.67	21.95	30	-8.05
	132657	1778.5	64QAM	1	0	20.81	23.09	30	-6.91
				1	14	20.80	23.08	30	-6.92
				8	4	20.77	23.05	30	-6.95
				15	0	19.88	22.16	30	-7.84
3	131987	1711.5	256QAM	1	0	19.86	22.14	30	-7.86
				1	14	19.93	22.21	30	-7.79
				8	4	19.77	22.05	30	-7.95
				15	0	18.83	21.11	30	-8.89
	132322	1745	256QAM	1	0	19.74	22.02	30	-7.98
				1	14	19.91	22.19	30	-7.81
				8	4	19.82	22.10	30	-7.9
				15	0	18.77	21.05	30	-8.95
	132657	1778.5	256QAM	1	0	19.81	22.09	30	-7.91
				1	14	19.87	22.15	30	-7.85
				8	4	19.81	22.09	30	-7.91
				15	0	18.88	21.16	30	-8.84

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LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	131997	1712.5	QPSK	1	0	22.82	25.10	30	-4.9
				1	24	22.88	25.16	30	-4.84
				12	6	22.81	25.09	30	-4.91
				25	0	21.76	24.04	30	-5.96
	132322	1745	QPSK	1	0	22.88	25.16	30	-4.84
				1	24	22.76	25.04	30	-4.96
				12	6	22.70	24.98	30	-5.02
				25	0	21.70	23.98	30	-6.02
	132647	1777.5	QPSK	1	0	22.89	25.17	30	-4.83
				1	24	22.82	25.10	30	-4.9
				12	6	22.80	25.08	30	-4.92
				25	0	21.83	24.11	30	-5.89
5	131997	1712.5	16QAM	1	0	21.77	24.05	30	-5.95
				1	24	21.87	24.15	30	-5.85
				12	6	21.72	24.00	30	-6
				25	0	20.82	23.10	30	-6.9
	132322	1745	16QAM	1	0	21.76	24.04	30	-5.96
				1	24	21.75	24.03	30	-5.97
				12	6	21.72	24.00	30	-6
				25	0	20.87	23.15	30	-6.85
	132647	1777.5	16QAM	1	0	21.91	24.19	30	-5.81
				1	24	21.77	24.05	30	-5.95
				12	6	21.89	24.17	30	-5.83
				25	0	20.91	23.19	30	-6.81
5	131997	1712.5	64QAM	1	0	20.85	23.13	30	-6.87
				1	24	20.92	23.20	30	-6.8
				12	6	20.84	23.12	30	-6.88
				25	0	19.71	21.99	30	-8.01
	132322	1745	64QAM	1	0	20.85	23.13	30	-6.87
				1	24	20.92	23.20	30	-6.8
				12	6	20.76	23.04	30	-6.96
				25	0	19.66	21.94	30	-8.06
	132647	1777.5	64QAM	1	0	20.82	23.10	30	-6.9
				1	24	20.88	23.16	30	-6.84
				12	6	20.85	23.13	30	-6.87
				25	0	19.85	22.13	30	-7.87
5	131997	1712.5	256QAM	1	0	19.73	22.01	30	-7.99
				1	24	19.85	22.13	30	-7.87
				12	6	19.74	22.02	30	-7.98
				25	0	18.77	21.05	30	-8.95
	132322	1745	256QAM	1	0	19.68	21.96	30	-8.04
				1	24	19.83	22.11	30	-7.89
				12	6	19.76	22.04	30	-7.96
				25	0	18.78	21.06	30	-8.94
	132647	1777.5	256QAM	1	0	19.81	22.09	30	-7.91
				1	24	19.91	22.19	30	-7.81
				12	6	19.89	22.17	30	-7.83
				25	0	18.84	21.12	30	-8.88

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Antenna gain (dBi)		2.28							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	132022	1715	QPSK	1	0	22.78	25.06	30	-4.94
				1	49	22.77	25.05	30	-4.95
				25	12	22.75	25.03	30	-4.97
				50	0	21.73	24.01	30	-5.99
	132322	1745	QPSK	1	0	22.72	25.00	30	-5
				1	49	22.78	25.06	30	-4.94
				25	12	22.79	25.07	30	-4.93
				50	0	21.76	24.04	30	-5.96
	132622	1775	QPSK	1	0	22.81	25.09	30	-4.91
				1	49	22.98	25.26	30	-4.74
				25	12	22.89	25.17	30	-4.83
				50	0	21.86	24.14	30	-5.86
10	132022	1715	16QAM	1	0	21.78	24.06	30	-5.94
				1	49	21.87	24.15	30	-5.85
				25	12	21.82	24.10	30	-5.9
				50	0	20.86	23.14	30	-6.86
	132322	1745	16QAM	1	0	21.73	24.01	30	-5.99
				1	49	21.84	24.12	30	-5.88
				25	12	21.84	24.12	30	-5.88
				50	0	20.88	23.16	30	-6.84
	132622	1775	16QAM	1	0	21.84	24.12	30	-5.88
				1	49	21.82	24.10	30	-5.9
				25	12	21.78	24.06	30	-5.94
				50	0	20.94	23.22	30	-6.78
10	132022	1715	64QAM	1	0	20.77	23.05	30	-6.95
				1	49	20.76	23.04	30	-6.96
				25	12	20.71	22.99	30	-7.01
				50	0	19.81	22.09	30	-7.91
	132322	1745	64QAM	1	0	20.85	23.13	30	-6.87
				1	49	20.81	23.09	30	-6.91
				25	12	20.85	23.13	30	-6.87
				50	0	19.76	22.04	30	-7.96
	132622	1775	64QAM	1	0	20.88	23.16	30	-6.84
				1	49	20.84	23.12	30	-6.88
				25	12	20.82	23.10	30	-6.9
				50	0	19.89	22.17	30	-7.83
10	132022	1715	256QAM	1	0	19.87	22.15	30	-7.85
				1	49	19.75	22.03	30	-7.97
				25	12	19.81	22.09	30	-7.91
				50	0	18.87	21.15	30	-8.85
	132322	1745	256QAM	1	0	19.90	22.18	30	-7.82
				1	49	19.87	22.15	30	-7.85
				25	12	19.83	22.11	30	-7.89
				50	0	18.85	21.13	30	-8.87
	132622	1775	256QAM	1	0	19.89	22.17	30	-7.83
				1	49	19.97	22.25	30	-7.75
				25	12	19.85	22.13	30	-7.87
				50	0	18.93	21.21	30	-8.79

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Antenna gain (dBi)		2.28							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	132047	1717.5	QPSK	1	0	22.92	25.20	30	-4.8
				1	74	22.77	25.05	30	-4.95
				36	18	22.71	24.99	30	-5.01
				75	0	21.93	24.21	30	-5.79
	132322	1745	QPSK	1	0	22.93	25.21	30	-4.79
				1	74	22.88	25.16	30	-4.84
				36	18	22.81	25.09	30	-4.91
				75	0	21.77	24.05	30	-5.95
	132597	1772.5	QPSK	1	0	22.79	25.07	30	-4.93
				1	74	22.88	25.16	30	-4.84
				36	18	22.86	25.14	30	-4.86
				75	0	21.93	24.21	30	-5.79
15	132047	1717.5	16QAM	1	0	21.74	24.02	30	-5.98
				1	74	21.89	24.17	30	-5.83
				36	18	21.93	24.21	30	-5.79
				75	0	20.91	23.19	30	-6.81
	132322	1745	16QAM	1	0	21.82	24.10	30	-5.9
				1	74	21.78	24.06	30	-5.94
				36	18	21.78	24.06	30	-5.94
				75	0	20.85	23.13	30	-6.87
	132597	1772.5	16QAM	1	0	21.83	24.11	30	-5.89
				1	74	21.86	24.14	30	-5.86
				36	18	21.87	24.15	30	-5.85
				75	0	20.81	23.09	30	-6.91
15	132047	1717.5	64QAM	1	0	20.75	23.03	30	-6.97
				1	74	20.72	23.00	30	-7
				36	18	20.86	23.14	30	-6.86
				75	0	19.79	22.07	30	-7.93
	132322	1745	64QAM	1	0	20.75	23.03	30	-6.97
				1	74	20.79	23.07	30	-6.93
				36	18	20.70	22.98	30	-7.02
				75	0	19.82	22.10	30	-7.9
	132597	1772.5	64QAM	1	0	20.78	23.06	30	-6.94
				1	74	20.83	23.11	30	-6.89
				36	18	20.93	23.21	30	-6.79
				75	0	19.75	22.03	30	-7.97
15	132047	1717.5	256QAM	1	0	19.92	22.20	30	-7.8
				1	74	19.83	22.11	30	-7.89
				36	18	19.81	22.09	30	-7.91
				75	0	18.82	21.10	30	-8.9
	132322	1745	256QAM	1	0	19.79	22.07	30	-7.93
				1	74	19.86	22.14	30	-7.86
				36	18	19.81	22.09	30	-7.91
				75	0	18.79	21.07	30	-8.93
	132597	1772.5	256QAM	1	0	19.87	22.15	30	-7.85
				1	74	19.90	22.18	30	-7.82
				36	18	19.80	22.08	30	-7.92
				75	0	18.91	21.19	30	-8.81

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Antenna gain (dBi)		2.28							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	132072	1720	QPSK	1	0	22.98	25.26	30	-4.74
				1	99	22.82	25.10	30	-4.9
				50	25	22.85	25.13	30	-4.87
				100	0	21.81	24.09	30	-5.91
	132322	1745	QPSK	1	0	22.95	25.23	30	-4.77
				1	99	22.81	25.09	30	-4.91
				50	25	22.81	25.09	30	-4.91
				100	0	21.82	24.10	30	-5.9
	132572	1770	QPSK	1	0	23.02	25.30	30	-4.7
				1	99	22.75	25.03	30	-4.97
				50	25	22.85	25.13	30	-4.87
				100	0	21.76	24.04	30	-5.96
20	132072	1720	16QAM	1	0	21.92	24.20	30	-5.8
				1	99	21.90	24.18	30	-5.82
				50	25	21.70	23.98	30	-6.02
				100	0	20.76	23.04	30	-6.96
	132322	1745	16QAM	1	0	21.86	24.14	30	-5.86
				1	99	21.82	24.10	30	-5.9
				50	25	21.79	24.07	30	-5.93
				100	0	20.87	23.15	30	-6.85
	132572	1770	16QAM	1	0	21.88	24.16	30	-5.84
				1	99	21.74	24.02	30	-5.98
				50	25	21.86	24.14	30	-5.86
				100	0	20.90	23.18	30	-6.82
20	132072	1720	64QAM	1	0	20.85	23.13	30	-6.87
				1	99	20.90	23.18	30	-6.82
				50	25	20.92	23.20	30	-6.8
				100	0	19.68	21.96	30	-8.04
	132322	1745	64QAM	1	0	20.88	23.16	30	-6.84
				1	99	20.77	23.05	30	-6.95
				50	25	20.84	23.12	30	-6.88
				100	0	19.78	22.06	30	-7.94
	132572	1770	64QAM	1	0	20.87	23.15	30	-6.85
				1	99	20.86	23.14	30	-6.86
				50	25	20.98	23.26	30	-6.74
				100	0	19.94	22.22	30	-7.78
20	132072	1720	256QAM	1	0	19.76	22.04	30	-7.96
				1	99	19.76	22.04	30	-7.96
				50	25	19.85	22.13	30	-7.87
				100	0	18.89	21.17	30	-8.83
	132322	1745	256QAM	1	0	19.70	21.98	30	-8.02
				1	99	19.87	22.15	30	-7.85
				50	25	19.82	22.10	30	-7.9
				100	0	18.80	21.08	30	-8.92
	132572	1770	256QAM	1	0	19.85	22.13	30	-7.87
				1	99	19.96	22.24	30	-7.76
				50	25	19.74	22.02	30	-7.98
				100	0	18.97	21.25	30	-8.75

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Antenna gain (dBi)		-0.62							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
5	133147	665.5	QPSK	1	0	22.92	22.30	20.15	34.77
				1	24	22.95	22.33	20.18	34.77
				12	6	22.81	22.19	20.04	34.77
				25	0	21.91	21.29	19.14	34.77
	133297	680.5	QPSK	1	0	22.81	22.19	20.04	34.77
				1	24	22.92	22.30	20.15	34.77
				12	6	22.88	22.26	20.11	34.77
				25	0	21.91	21.29	19.14	34.77
	133447	695.5	QPSK	1	0	22.91	22.29	20.14	34.77
				1	24	22.84	22.22	20.07	34.77
				12	6	22.81	22.19	20.04	34.77
				25	0	21.66	21.04	18.89	34.77
5	133147	665.5	16QAM	1	0	21.96	21.34	19.19	34.77
				1	24	21.98	21.36	19.21	34.77
				12	6	21.95	21.33	19.18	34.77
				25	0	20.96	20.34	18.19	34.77
	133297	680.5	16QAM	1	0	21.82	21.20	19.05	34.77
				1	24	21.86	21.24	19.09	34.77
				12	6	21.77	21.15	19.00	34.77
				25	0	20.86	20.24	18.09	34.77
	133447	695.5	16QAM	1	0	21.78	21.16	19.01	34.77
				1	24	21.78	21.16	19.01	34.77
				12	6	21.77	21.15	19.00	34.77
				25	0	20.84	20.22	18.07	34.77
5	133147	665.5	64QAM	1	0	20.89	20.27	18.12	34.77
				1	24	20.86	20.24	18.09	34.77
				12	6	20.86	20.24	18.09	34.77
				25	0	19.80	19.18	17.03	34.77
	133297	680.5	64QAM	1	0	20.84	20.22	18.07	34.77
				1	24	20.81	20.19	18.04	34.77
				12	6	20.84	20.22	18.07	34.77
				25	0	19.90	19.28	17.13	34.77
	133447	695.5	64QAM	1	0	20.87	20.25	18.10	34.77
				1	24	20.77	20.15	18.00	34.77
				12	6	20.69	20.07	17.92	34.77
				25	0	19.72	19.10	16.95	34.77
5	133147	665.5	256QAM	1	0	19.81	19.19	17.04	34.77
				1	24	19.89	19.27	17.12	34.77
				12	6	19.94	19.32	17.17	34.77
				25	0	18.88	18.26	16.11	34.77
	133297	680.5	256QAM	1	0	19.85	19.23	17.08	34.77
				1	24	19.83	19.21	17.06	34.77
				12	6	19.89	19.27	17.12	34.77
				25	0	18.76	18.14	15.99	34.77
	133447	695.5	256QAM	1	0	19.91	19.29	17.14	34.77
				1	24	19.80	19.18	17.03	34.77
				12	6	19.79	19.17	17.02	34.77
				25	0	18.76	18.14	15.99	34.77

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Antenna gain (dBi)		-0.62							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
10	133172	668	QPSK	1	0	22.86	22.24	20.09	34.77
				1	49	22.86	22.24	20.09	34.77
				25	12	22.81	22.19	20.04	34.77
				50	0	21.83	21.21	19.06	34.77
	133297	680.5	QPSK	1	0	22.85	22.23	20.08	34.77
				1	49	22.89	22.27	20.12	34.77
				25	12	22.99	22.37	20.22	34.77
				50	0	21.83	21.21	19.06	34.77
	133422	693	QPSK	1	0	22.78	22.16	20.01	34.77
				1	49	22.81	22.19	20.04	34.77
				25	12	22.88	22.26	20.11	34.77
				50	0	21.80	21.18	19.03	34.77
10	133172	668	16QAM	1	0	21.93	21.31	19.16	34.77
				1	49	21.89	21.27	19.12	34.77
				25	12	21.92	21.30	19.15	34.77
				50	0	20.88	20.26	18.11	34.77
	133297	680.5	16QAM	1	0	21.91	21.29	19.14	34.77
				1	49	21.86	21.24	19.09	34.77
				25	12	21.89	21.27	19.12	34.77
				50	0	20.86	20.24	18.09	34.77
	133422	693	16QAM	1	0	21.74	21.12	18.97	34.77
				1	49	21.77	21.15	19.00	34.77
				25	12	21.89	21.27	19.12	34.77
				50	0	20.78	20.16	18.01	34.77
10	133172	668	64QAM	1	0	20.80	20.18	18.03	34.77
				1	49	20.89	20.27	18.12	34.77
				25	12	20.90	20.28	18.13	34.77
				50	0	19.89	19.27	17.12	34.77
	133297	680.5	64QAM	1	0	20.93	20.31	18.16	34.77
				1	49	20.79	20.17	18.02	34.77
				25	12	20.85	20.23	18.08	34.77
				50	0	19.85	19.23	17.08	34.77
	133422	693	64QAM	1	0	20.81	20.19	18.04	34.77
				1	49	20.91	20.29	18.14	34.77
				25	12	20.86	20.24	18.09	34.77
				50	0	19.79	19.17	17.02	34.77
10	133172	668	256QAM	1	0	19.85	19.23	17.08	34.77
				1	49	19.80	19.18	17.03	34.77
				25	12	19.87	19.25	17.10	34.77
				50	0	18.85	18.23	16.08	34.77
	133297	680.5	256QAM	1	0	19.85	19.23	17.08	34.77
				1	49	19.80	19.18	17.03	34.77
				25	12	19.86	19.24	17.09	34.77
				50	0	18.91	18.29	16.14	34.77
	133422	693	256QAM	1	0	19.74	19.12	16.97	34.77
				1	49	19.73	19.11	16.96	34.77
				25	12	19.76	19.14	16.99	34.77
				50	0	18.71	18.09	15.94	34.77

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Antenna gain (dBi)		-0.62							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
15	133197	670.5	QPSK	1	0	22.97	22.35	20.20	34.77
				1	74	23.02	22.40	20.25	34.77
				36	18	22.89	22.27	20.12	34.77
				75	0	21.77	21.15	19.00	34.77
	133297	680.5	QPSK	1	0	22.89	22.27	20.12	34.77
				1	74	22.91	22.29	20.14	34.77
				36	18	22.85	22.23	20.08	34.77
				75	0	21.87	21.25	19.10	34.77
	133397	690.5	QPSK	1	0	22.79	22.17	20.02	34.77
				1	74	22.73	22.11	19.96	34.77
				36	18	22.82	22.20	20.05	34.77
				75	0	21.74	21.12	18.97	34.77
15	133197	670.5	16QAM	1	0	21.96	21.34	19.19	34.77
				1	74	21.89	21.27	19.12	34.77
				36	18	21.82	21.20	19.05	34.77
				75	0	20.86	20.24	18.09	34.77
	133297	680.5	16QAM	1	0	21.88	21.26	19.11	34.77
				1	74	21.85	21.23	19.08	34.77
				36	18	21.85	21.23	19.08	34.77
				75	0	20.76	20.14	17.99	34.77
	133397	690.5	16QAM	1	0	21.81	21.19	19.04	34.77
				1	74	21.71	21.09	18.94	34.77
				36	18	21.82	21.20	19.05	34.77
				75	0	20.70	20.08	17.93	34.77
15	133197	670.5	64QAM	1	0	20.91	20.29	18.14	34.77
				1	74	20.89	20.27	18.12	34.77
				36	18	20.89	20.27	18.12	34.77
				75	0	19.77	19.15	17.00	34.77
	133297	680.5	64QAM	1	0	20.86	20.24	18.09	34.77
				1	74	20.95	20.33	18.18	34.77
				36	18	20.81	20.19	18.04	34.77
				75	0	19.79	19.17	17.02	34.77
	133397	690.5	64QAM	1	0	20.93	20.31	18.16	34.77
				1	74	20.80	20.18	18.03	34.77
				36	18	20.92	20.30	18.15	34.77
				75	0	19.87	19.25	17.10	34.77
15	133197	670.5	256QAM	1	0	19.84	19.22	17.07	34.77
				1	74	19.86	19.24	17.09	34.77
				36	18	19.85	19.23	17.08	34.77
				75	0	18.86	18.24	16.09	34.77
	133297	680.5	256QAM	1	0	19.89	19.27	17.12	34.77
				1	74	19.84	19.22	17.07	34.77
				36	18	19.84	19.22	17.07	34.77
				75	0	18.89	18.27	16.12	34.77
	133397	690.5	256QAM	1	0	19.85	19.23	17.08	34.77
				1	74	19.79	19.17	17.02	34.77
				36	18	19.86	19.24	17.09	34.77
				75	0	18.93	18.31	16.16	34.77

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Antenna gain (dBi)		-0.62							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
20	133222	673	QPSK	1	0	23.04	22.42	20.27	34.77
				1	99	22.80	22.18	20.03	34.77
				50	25	22.87	22.25	20.10	34.77
				100	0	21.80	21.18	19.03	34.77
	133297	680.5	QPSK	1	0	23.01	22.39	20.24	34.77
				1	99	22.84	22.22	20.07	34.77
				50	25	22.91	22.29	20.14	34.77
				100	0	21.87	21.25	19.10	34.77
	133372	688	QPSK	1	0	22.96	22.34	20.19	34.77
				1	99	22.86	22.24	20.09	34.77
				50	25	22.71	22.09	19.94	34.77
				100	0	21.86	21.24	19.09	34.77
20	133222	673	16QAM	1	0	21.78	21.16	19.01	34.77
				1	99	21.82	21.20	19.05	34.77
				50	25	21.79	21.17	19.02	34.77
				100	0	20.93	20.31	18.16	34.77
	133297	680.5	16QAM	1	0	21.80	21.18	19.03	34.77
				1	99	21.82	21.20	19.05	34.77
				50	25	21.89	21.27	19.12	34.77
				100	0	20.77	20.15	18.00	34.77
	133372	688	16QAM	1	0	21.87	21.25	19.10	34.77
				1	99	21.71	21.09	18.94	34.77
				50	25	21.84	21.22	19.07	34.77
				100	0	20.81	20.19	18.04	34.77
20	133222	673	64QAM	1	0	20.90	20.28	18.13	34.77
				1	99	20.84	20.22	18.07	34.77
				50	25	20.84	20.22	18.07	34.77
				100	0	19.88	19.26	17.11	34.77
	133297	680.5	64QAM	1	0	20.80	20.18	18.03	34.77
				1	99	20.84	20.22	18.07	34.77
				50	25	20.94	20.32	18.17	34.77
				100	0	19.80	19.18	17.03	34.77
	133372	688	64QAM	1	0	20.83	20.21	18.06	34.77
				1	99	20.82	20.20	18.05	34.77
				50	25	20.74	20.12	17.97	34.77
				100	0	19.89	19.27	17.12	34.77
20	133222	673	256QAM	1	0	19.87	19.25	17.10	34.77
				1	99	19.85	19.23	17.08	34.77
				50	25	19.93	19.31	17.16	34.77
				100	0	18.93	18.31	16.16	34.77
	133297	680.5	256QAM	1	0	19.80	19.18	17.03	34.77
				1	99	19.81	19.19	17.04	34.77
				50	25	19.97	19.35	17.20	34.77
				100	0	18.86	18.24	16.09	34.77
	133372	688	256QAM	1	0	19.82	19.20	17.05	34.77
				1	99	19.88	19.26	17.11	34.77
				50	25	19.69	19.07	16.92	34.77
				100	0	18.77	18.15	16.00	34.77

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## 10.2 Field Strength of Spurious Radiation Measurement

Report Number :TERF2412003863ER

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :NB Mode

Test Frequency :1860 MHz

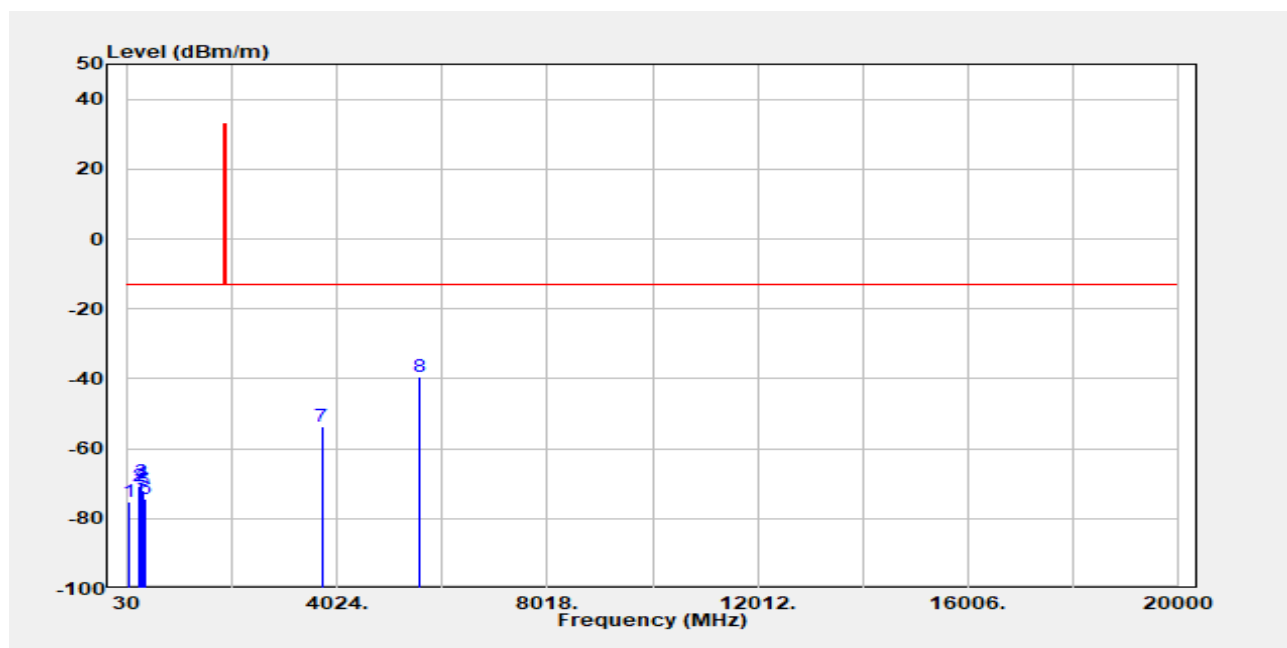
Test Site :SAC 3

Test Date :2025-01-03

Temp./Humi. :20.2°C/53%

Antenna Pol. :Vertical

Engineer :Nick Lin



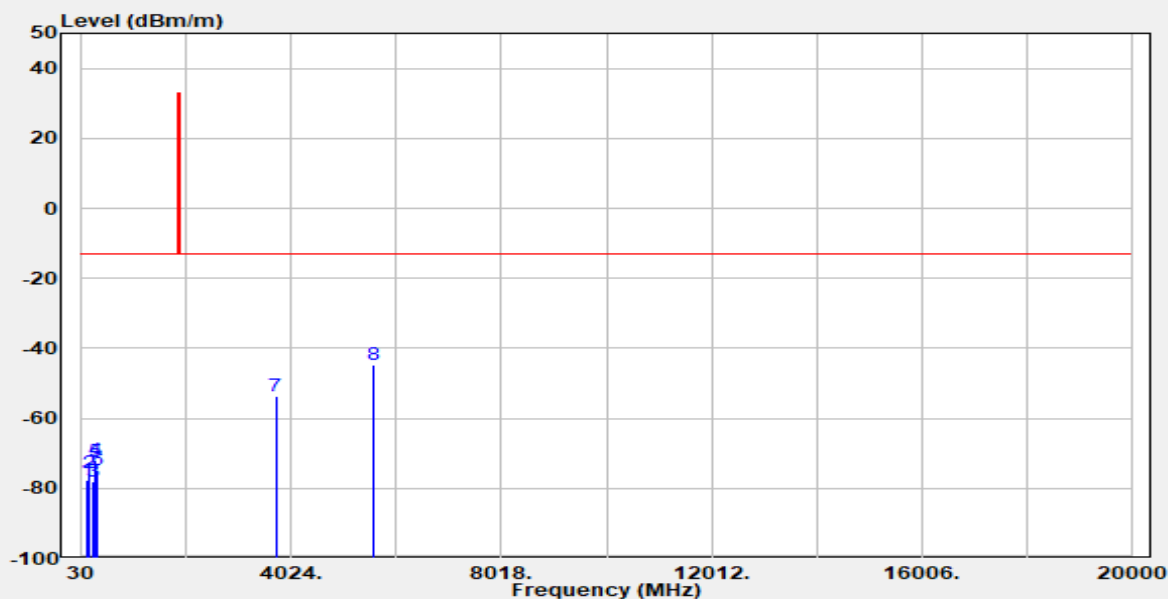
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-75.14	-65.94	-7.70	-1.50	-13.00	-62.14
237.79	-70.67	-71.67	3.82	-2.82	-13.00	-57.67
270.80	-69.37	-70.14	3.79	-3.01	-13.00	-56.37
297.99	-69.91	-70.57	3.80	-3.15	-13.00	-56.91
325.18	-72.08	-72.70	3.92	-3.30	-13.00	-59.08
352.36	-74.21	-75.00	4.22	-3.42	-13.00	-61.21
3720.00	-53.52	-54.64	12.50	-11.38	-13.00	-40.52
5580.00	-39.51	-38.53	13.12	-14.10	-13.00	-26.51

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B2  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1860 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.68	-73.79	-1.76	-2.13	-13.00	-64.68
152.34	-75.57	-71.79	-1.53	-2.26	-13.00	-62.57
250.41	-78.02	-78.78	3.65	-2.89	-13.00	-65.02
270.80	-71.88	-72.65	3.79	-3.01	-13.00	-58.88
297.99	-72.27	-72.93	3.80	-3.15	-13.00	-59.27
325.18	-74.92	-75.54	3.92	-3.30	-13.00	-61.92
3720.00	-53.84	-54.96	12.50	-11.38	-13.00	-40.84
5580.00	-44.86	-43.88	13.12	-14.10	-13.00	-31.86

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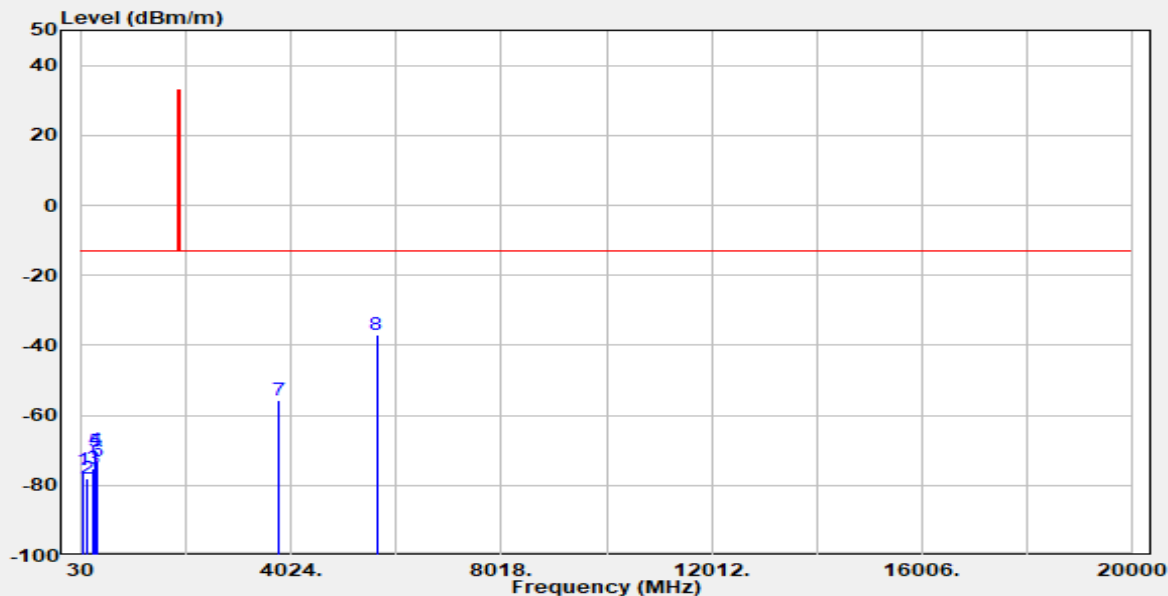
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B2  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1880 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
68.84	-75.48	-66.92	-7.04	-1.52	-13.00	-62.48
135.84	-77.87	-73.98	-1.76	-2.13	-13.00	-64.87
241.67	-75.23	-76.06	3.67	-2.84	-13.00	-62.23
270.80	-69.84	-70.61	3.79	-3.01	-13.00	-56.84
297.99	-70.39	-71.04	3.80	-3.15	-13.00	-57.39
325.18	-73.05	-73.67	3.92	-3.30	-13.00	-60.05
3760.00	-55.70	-56.76	12.50	-11.44	-13.00	-42.70
5640.00	-36.87	-35.98	13.28	-14.17	-13.00	-23.87

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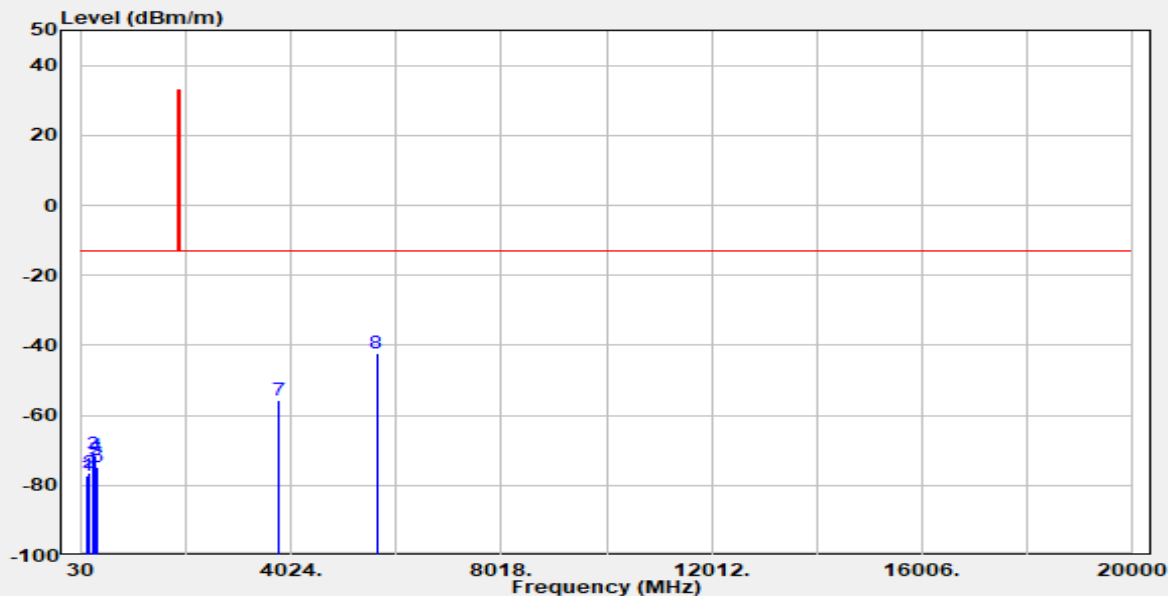
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B2  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1880 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



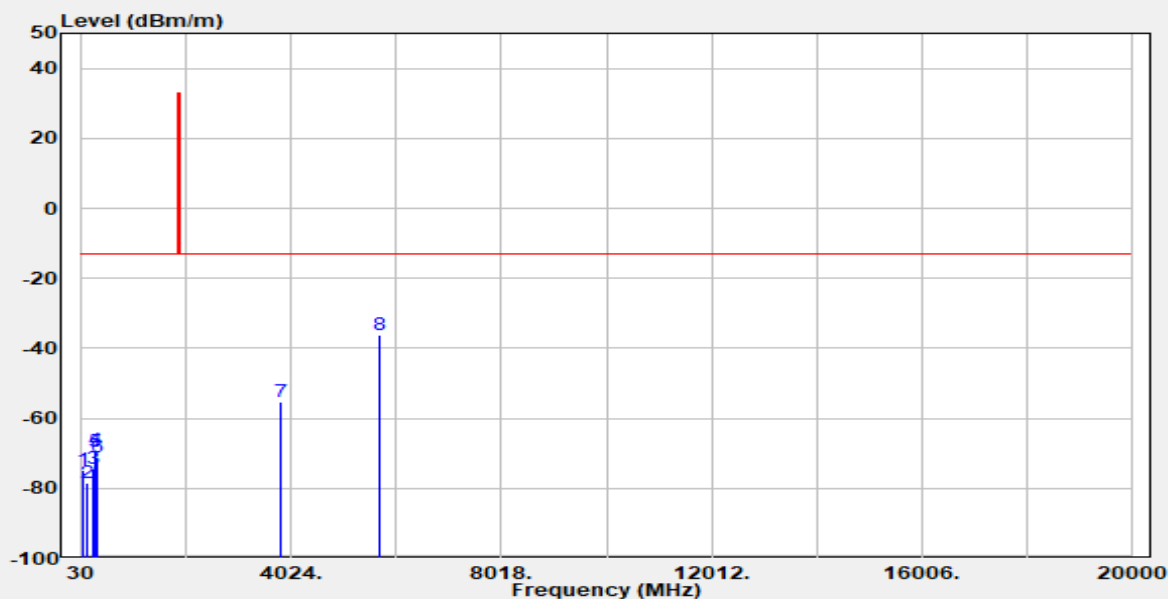
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.13	-73.24	-1.76	-2.13	-13.00	-64.13
159.14	-76.57	-73.10	-1.17	-2.30	-13.00	-63.57
232.93	-71.25	-72.75	4.29	-2.79	-13.00	-58.25
270.80	-71.60	-72.37	3.79	-3.01	-13.00	-58.60
297.99	-72.78	-73.43	3.80	-3.15	-13.00	-59.78
325.18	-74.73	-75.35	3.92	-3.30	-13.00	-61.73
3760.00	-55.83	-56.89	12.50	-11.44	-13.00	-42.83
5640.00	-42.37	-41.48	13.28	-14.17	-13.00	-29.37

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B2  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1900 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



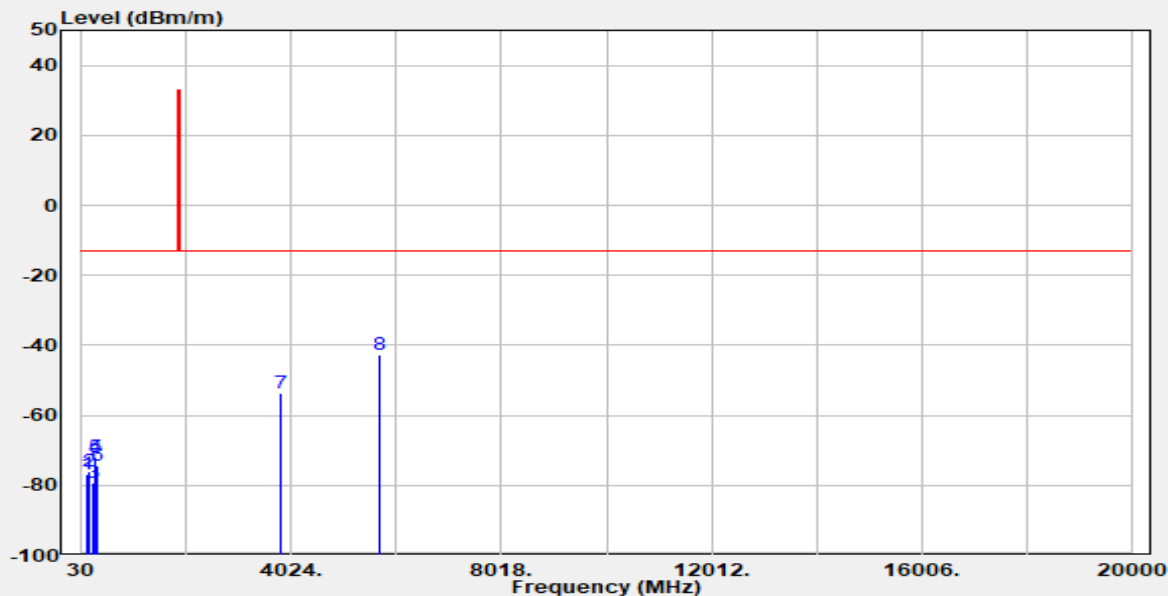
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
67.87	-74.68	-65.58	-7.59	-1.51	-13.00	-61.68
135.84	-78.56	-74.67	-1.76	-2.13	-13.00	-65.56
239.73	-74.44	-75.30	3.70	-2.83	-13.00	-61.44
270.80	-68.98	-69.76	3.79	-3.01	-13.00	-55.98
297.99	-69.62	-70.27	3.80	-3.15	-13.00	-56.62
325.18	-71.03	-71.65	3.92	-3.30	-13.00	-58.03
3800.00	-55.16	-56.16	12.50	-11.50	-13.00	-42.16
5700.00	-36.00	-34.85	13.10	-14.25	-13.00	-23.00

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B2  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1900 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-76.80	-72.91	-1.76	-2.13	-13.00	-63.80
154.28	-75.89	-72.14	-1.48	-2.27	-13.00	-62.89
244.59	-79.30	-80.10	3.66	-2.86	-13.00	-66.30
270.80	-72.13	-72.90	3.79	-3.01	-13.00	-59.13
297.99	-72.09	-72.74	3.80	-3.15	-13.00	-59.09
325.18	-74.28	-74.90	3.92	-3.30	-13.00	-61.28
3800.00	-53.48	-54.48	12.50	-11.50	-13.00	-40.48
5700.00	-42.77	-41.62	13.10	-14.25	-13.00	-29.77

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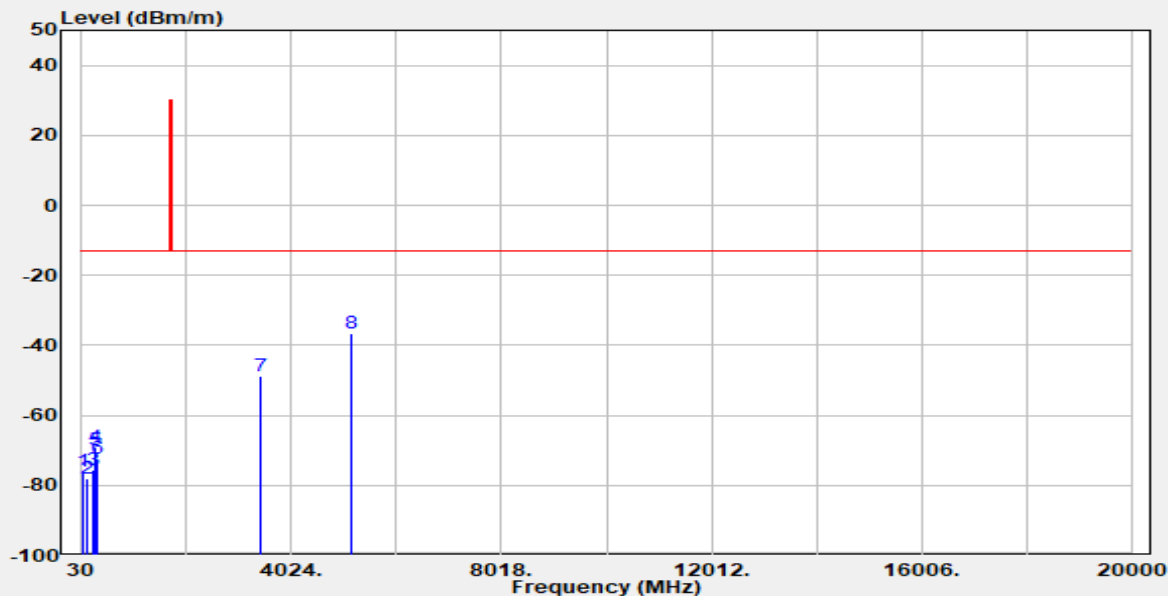
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B4  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1720 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
70.78	-75.85	-67.88	-6.44	-1.54	-13.00	-62.85
135.84	-77.88	-73.99	-1.76	-2.13	-13.00	-64.88
243.61	-75.73	-76.54	3.67	-2.85	-13.00	-62.73
270.80	-69.08	-69.85	3.79	-3.01	-13.00	-56.08
297.99	-70.04	-70.69	3.80	-3.15	-13.00	-57.04
325.18	-72.33	-72.95	3.92	-3.30	-13.00	-59.33
3440.00	-48.71	-50.38	12.60	-10.93	-13.00	-35.71
5160.00	-36.67	-35.58	12.44	-13.52	-13.00	-23.67

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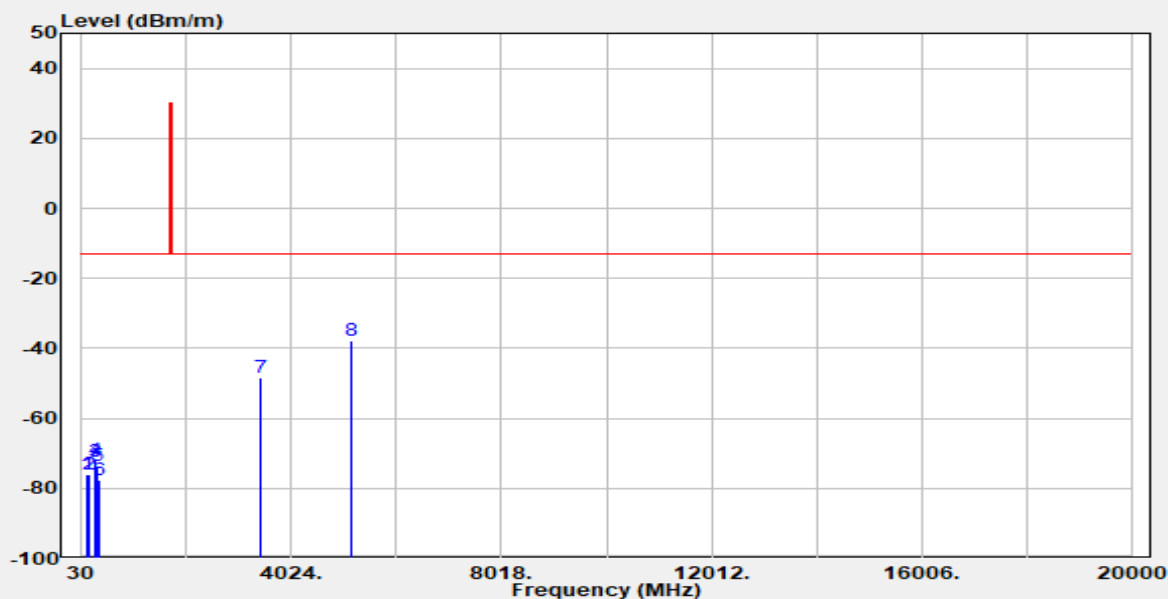
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B4  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1720 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-76.17	-72.28	-1.76	-2.13	-13.00	-63.17
153.31	-76.05	-72.34	-1.44	-2.26	-13.00	-63.05
270.80	-72.23	-73.01	3.79	-3.01	-13.00	-59.23
297.99	-71.85	-72.50	3.80	-3.15	-13.00	-58.85
325.18	-73.62	-74.24	3.92	-3.30	-13.00	-60.62
376.64	-77.48	-77.97	4.03	-3.54	-13.00	-64.48
3440.00	-48.22	-49.89	12.60	-10.93	-13.00	-35.22
5160.00	-37.90	-36.82	12.44	-13.52	-13.00	-24.90

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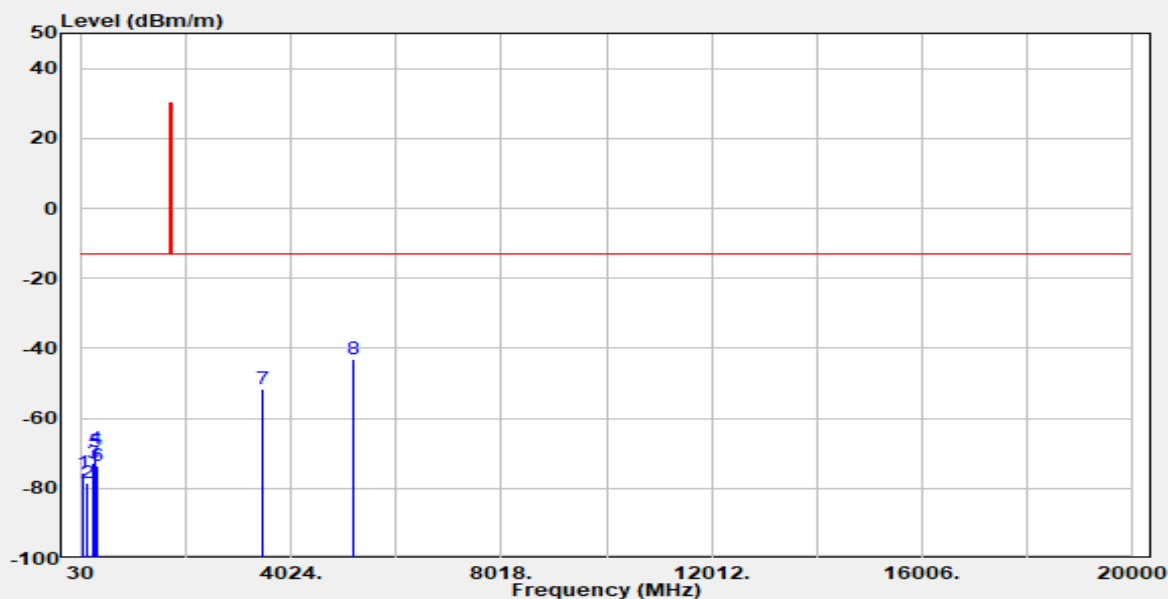
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B4  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1732.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-75.75	-66.55	-7.70	-1.50	-13.00	-62.75
135.84	-78.32	-74.43	-1.76	-2.13	-13.00	-65.32
239.73	-72.69	-73.56	3.70	-2.83	-13.00	-59.69
270.80	-68.55	-69.33	3.79	-3.01	-13.00	-55.55
297.99	-69.50	-70.15	3.80	-3.15	-13.00	-56.50
325.18	-73.53	-74.15	3.92	-3.30	-13.00	-60.53
3465.00	-51.71	-53.27	12.54	-10.97	-13.00	-38.71
5197.50	-43.24	-42.25	12.59	-13.58	-13.00	-30.24

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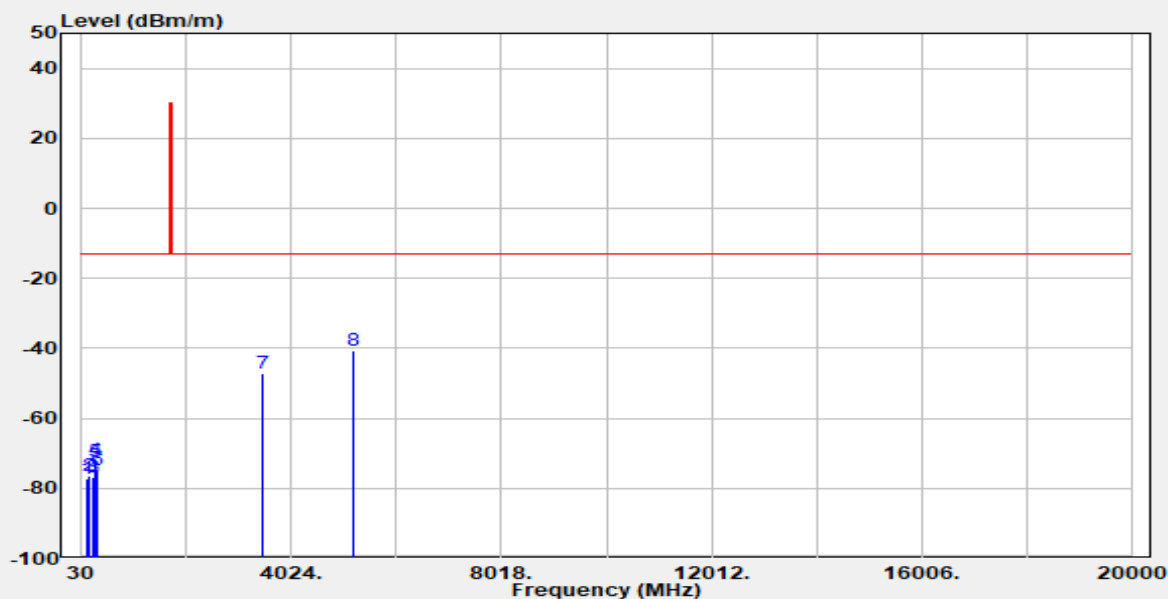
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Report Number :TERF2412003863ER  
Operation Mode :LTE B4  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :1732.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



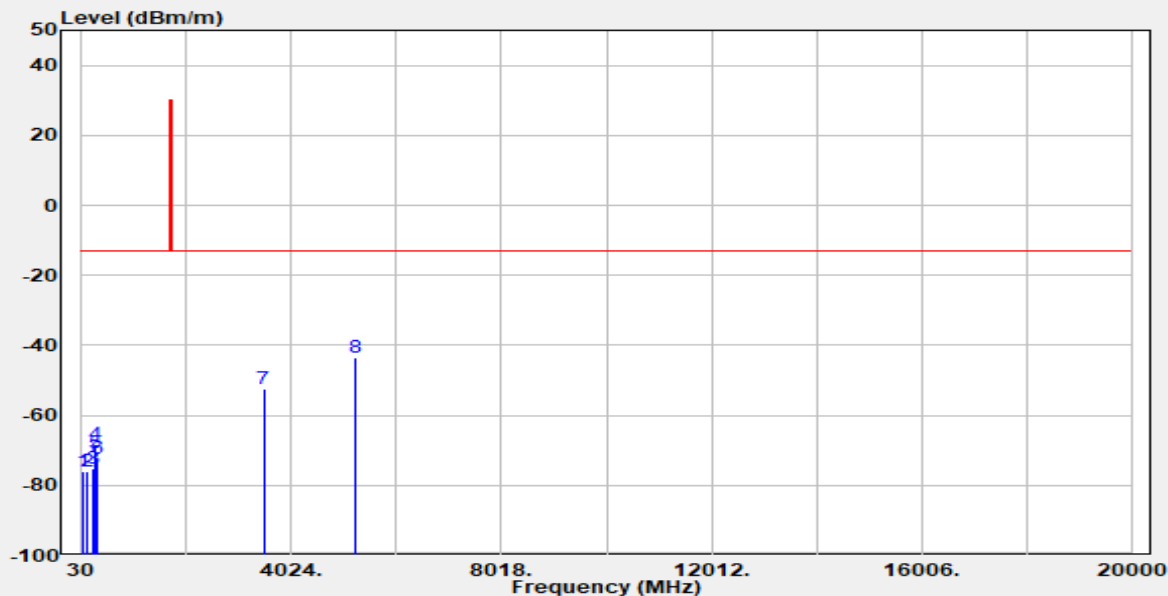
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.41	-73.52	-1.76	-2.13	-13.00	-64.41
164.97	-76.29	-73.46	-0.48	-2.35	-13.00	-63.29
241.67	-76.73	-77.56	3.67	-2.84	-13.00	-63.73
270.80	-71.76	-72.53	3.79	-3.01	-13.00	-58.76
297.99	-72.31	-72.97	3.80	-3.15	-13.00	-59.31
325.18	-74.92	-75.54	3.92	-3.30	-13.00	-61.92
3465.00	-47.13	-48.70	12.54	-10.97	-13.00	-34.13
5197.50	-40.59	-39.60	12.59	-13.58	-13.00	-27.59

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B4  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1745 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
65.93	-75.85	-66.59	-7.78	-1.49	-13.00	-62.85
135.84	-76.11	-72.22	-1.76	-2.13	-13.00	-63.11
244.59	-75.14	-75.94	3.66	-2.86	-13.00	-62.14
270.80	-68.34	-69.12	3.79	-3.01	-13.00	-55.34
297.99	-70.73	-71.38	3.80	-3.15	-13.00	-57.73
325.18	-72.30	-72.92	3.92	-3.30	-13.00	-59.30
3490.00	-52.45	-53.87	12.44	-11.01	-13.00	-39.45
5235.00	-43.46	-42.64	12.81	-13.63	-13.00	-30.46

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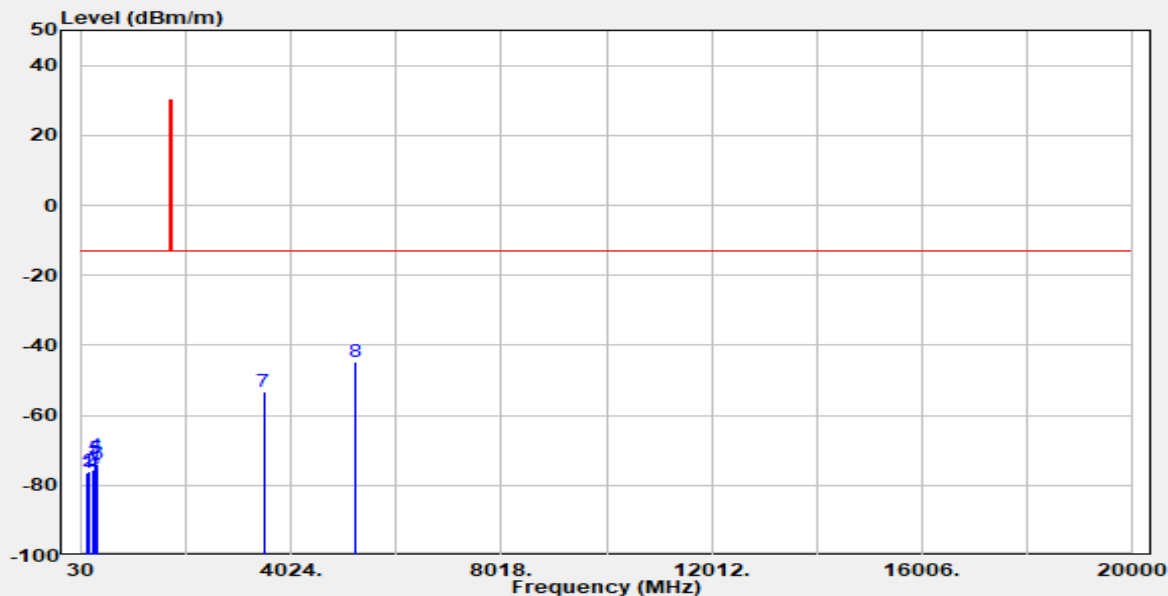
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B4  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1745 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.51	-72.62	-1.76	-2.13	-13.00	-63.51
157.20	-76.15	-72.67	-1.19	-2.29	-13.00	-63.15
241.67	-75.61	-76.45	3.67	-2.84	-13.00	-62.61
270.80	-71.35	-72.12	3.79	-3.01	-13.00	-58.35
297.99	-72.26	-72.91	3.80	-3.15	-13.00	-59.26
325.18	-74.04	-74.66	3.92	-3.30	-13.00	-61.04
3490.00	-53.35	-54.78	12.44	-11.01	-13.00	-40.35
5235.00	-44.59	-43.77	12.81	-13.63	-13.00	-31.59

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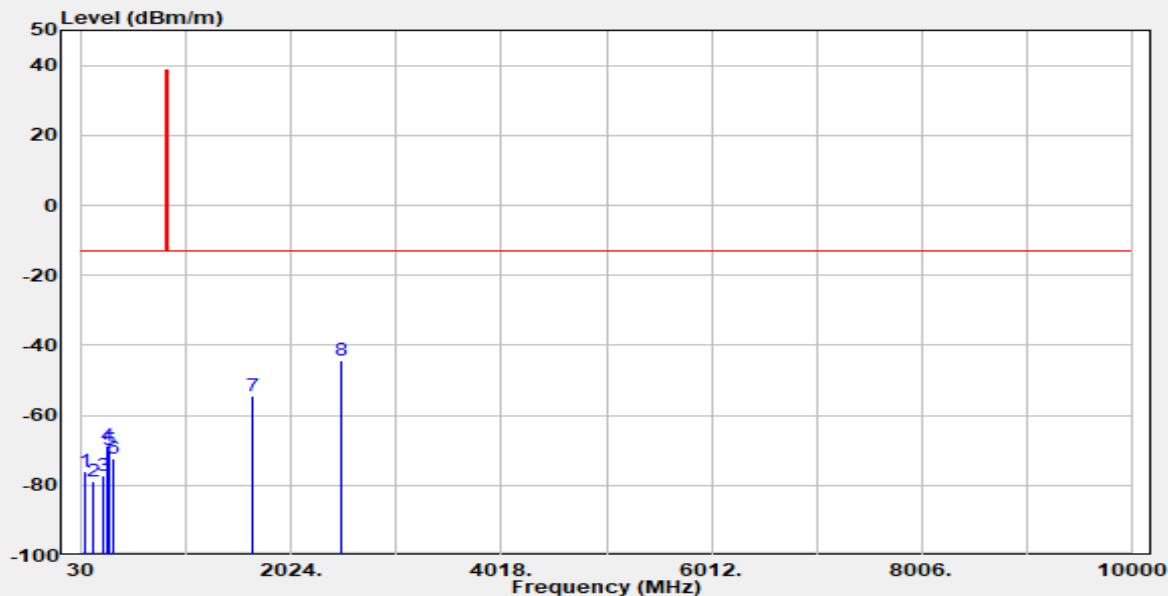
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Report Number :TERF2412003863ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :829 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-75.95	-66.75	-7.70	-1.50	-13.00	-62.95
144.58	-78.70	-74.69	-1.82	-2.20	-13.00	-65.70
229.05	-77.38	-79.39	4.77	-2.76	-13.00	-64.38
270.80	-68.62	-69.40	3.79	-3.01	-13.00	-55.62
297.99	-69.89	-70.55	3.80	-3.15	-13.00	-56.89
325.18	-72.41	-73.03	3.92	-3.30	-13.00	-59.41
1658.00	-54.32	-56.42	9.58	-7.48	-13.00	-41.32
2487.00	-44.41	-45.66	10.50	-9.25	-13.00	-31.41

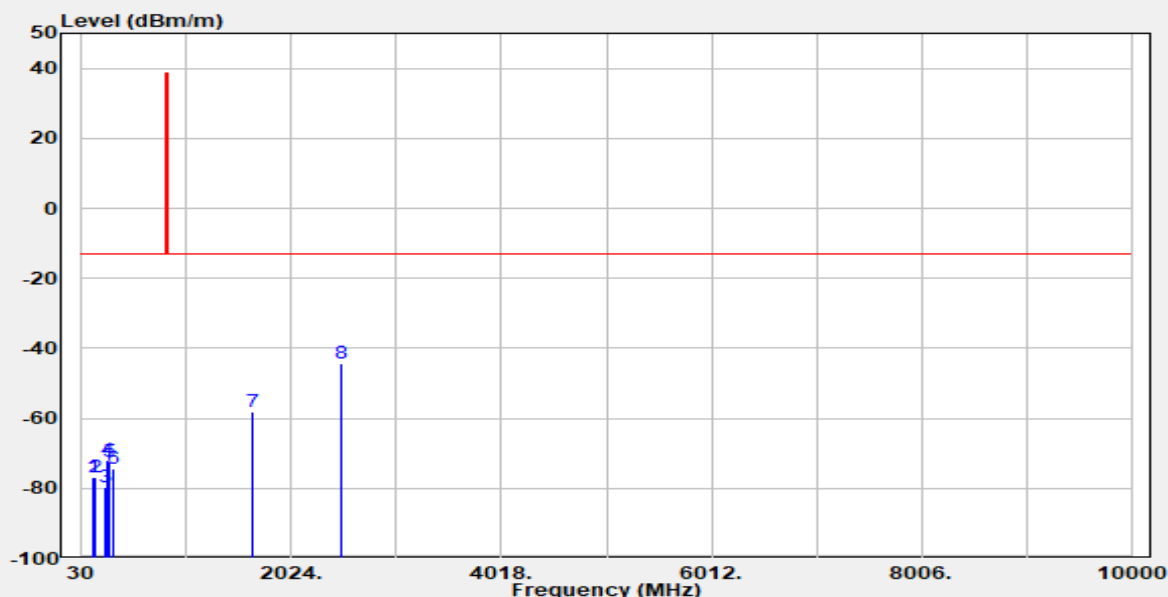
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B5  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :829 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.66	-72.77	-1.76	-2.13	-13.00	-63.66
164.97	-76.75	-73.92	-0.48	-2.35	-13.00	-63.75
243.61	-79.86	-80.68	3.67	-2.85	-13.00	-66.86
270.80	-72.00	-72.77	3.79	-3.01	-13.00	-59.00
297.99	-72.27	-72.93	3.80	-3.15	-13.00	-59.27
325.18	-74.25	-74.87	3.92	-3.30	-13.00	-61.25
1658.00	-58.23	-60.33	9.58	-7.48	-13.00	-45.23
2487.00	-44.32	-45.57	10.50	-9.25	-13.00	-31.32

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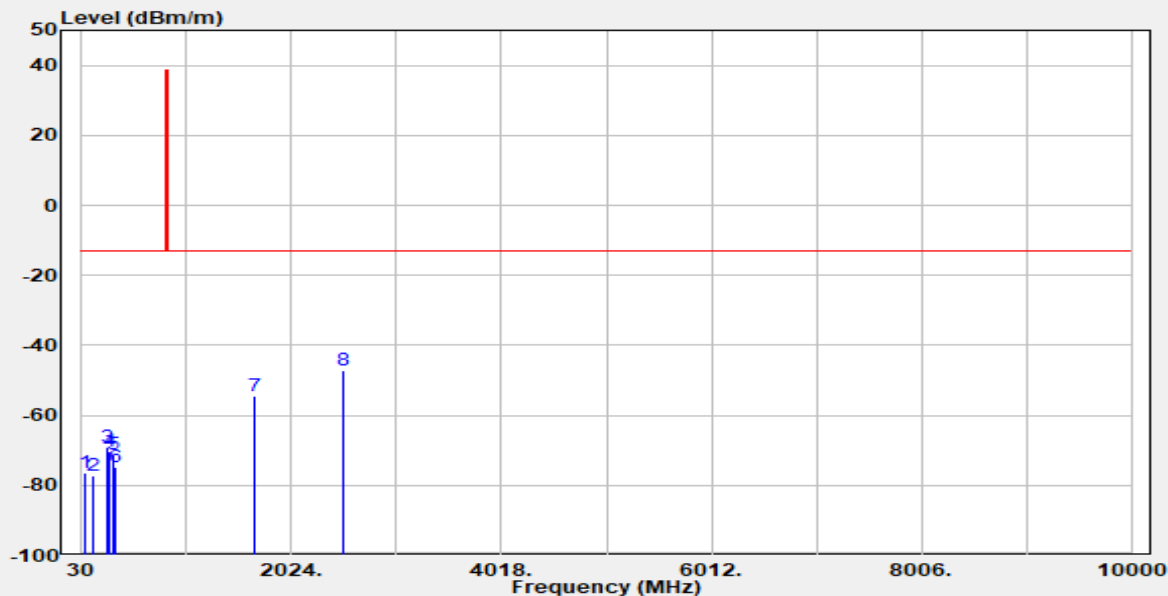
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Report Number :TERF2412003863ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :836.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



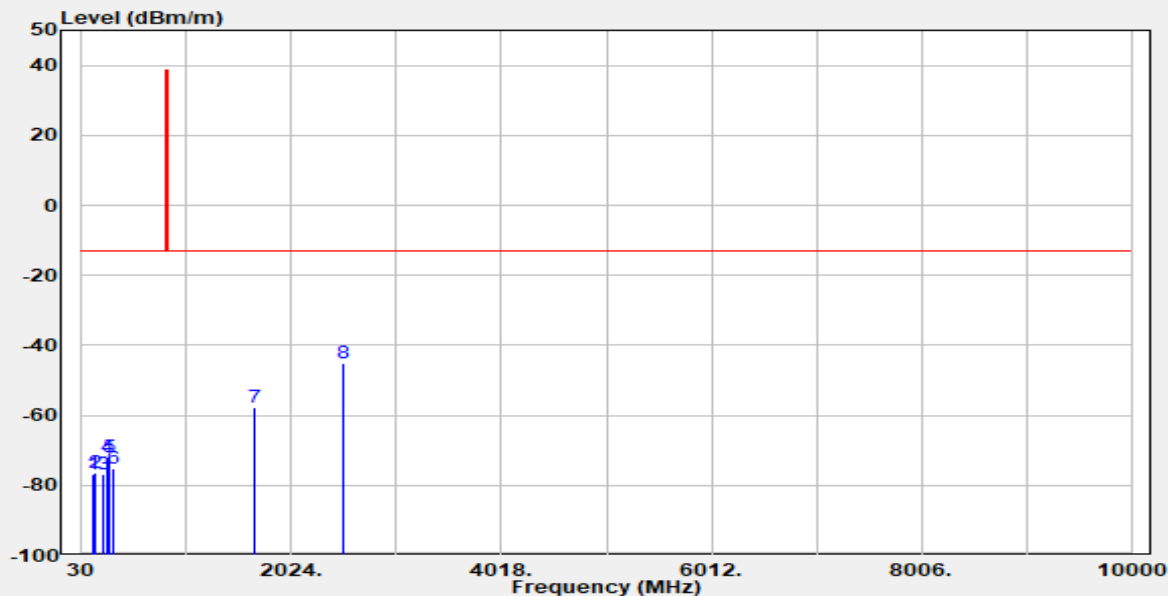
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
67.87	-76.40	-67.31	-7.59	-1.51	-13.00	-63.40
135.84	-77.29	-73.39	-1.76	-2.13	-13.00	-64.29
270.80	-69.08	-69.85	3.79	-3.01	-13.00	-56.08
297.99	-70.24	-70.90	3.80	-3.15	-13.00	-57.24
325.18	-71.27	-71.90	3.92	-3.30	-13.00	-58.27
352.36	-74.77	-75.56	4.22	-3.42	-13.00	-61.77
1673.00	-54.32	-56.53	9.73	-7.52	-13.00	-41.32
2509.50	-47.25	-48.65	10.69	-9.29	-13.00	-34.25

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Report Number :TERF2412003863ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :836.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.02	-73.13	-1.76	-2.13	-13.00	-64.02
149.43	-76.42	-72.57	-1.62	-2.24	-13.00	-63.42
236.82	-76.77	-77.84	3.88	-2.81	-13.00	-63.77
270.80	-71.99	-72.76	3.79	-3.01	-13.00	-58.99
297.99	-71.89	-72.55	3.80	-3.15	-13.00	-58.89
325.18	-75.09	-75.71	3.92	-3.30	-13.00	-62.09
1673.00	-57.73	-59.94	9.73	-7.52	-13.00	-44.73
2509.50	-45.25	-46.65	10.69	-9.29	-13.00	-32.25

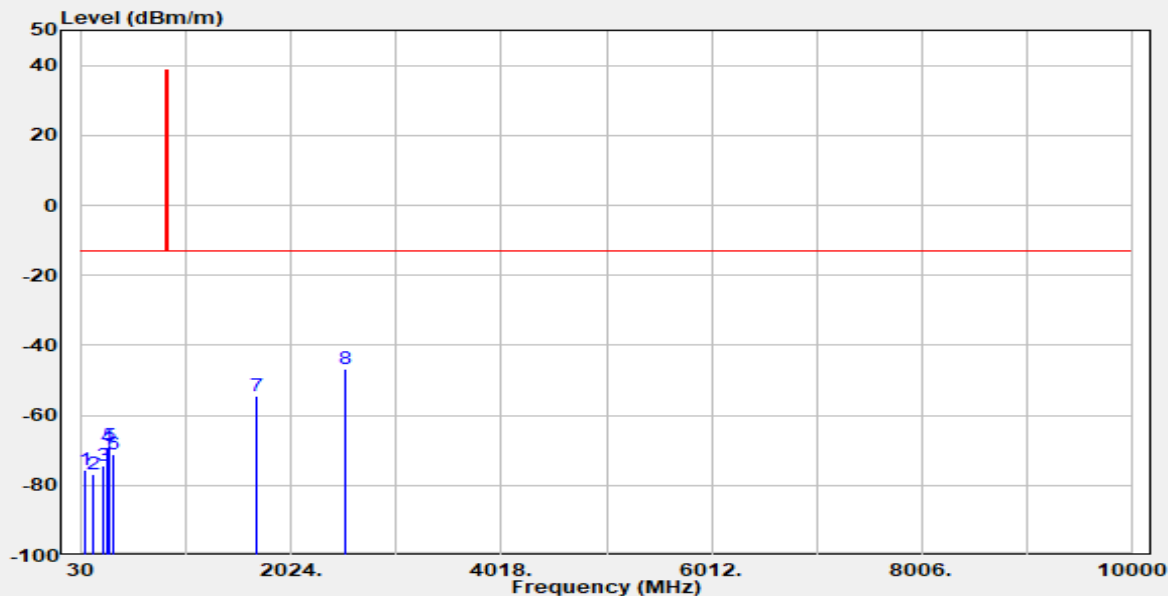
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B5  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :844 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
65.93	-75.80	-66.53	-7.78	-1.49	-13.00	-62.80
135.84	-76.82	-72.93	-1.76	-2.13	-13.00	-63.82
241.67	-74.31	-75.14	3.67	-2.84	-13.00	-61.31
270.80	-69.24	-70.01	3.79	-3.01	-13.00	-56.24
297.99	-68.72	-69.38	3.80	-3.15	-13.00	-55.72
325.18	-71.33	-71.96	3.92	-3.30	-13.00	-58.33
1688.00	-54.41	-56.74	9.88	-7.55	-13.00	-41.41
2532.00	-46.93	-48.11	10.52	-9.33	-13.00	-33.93

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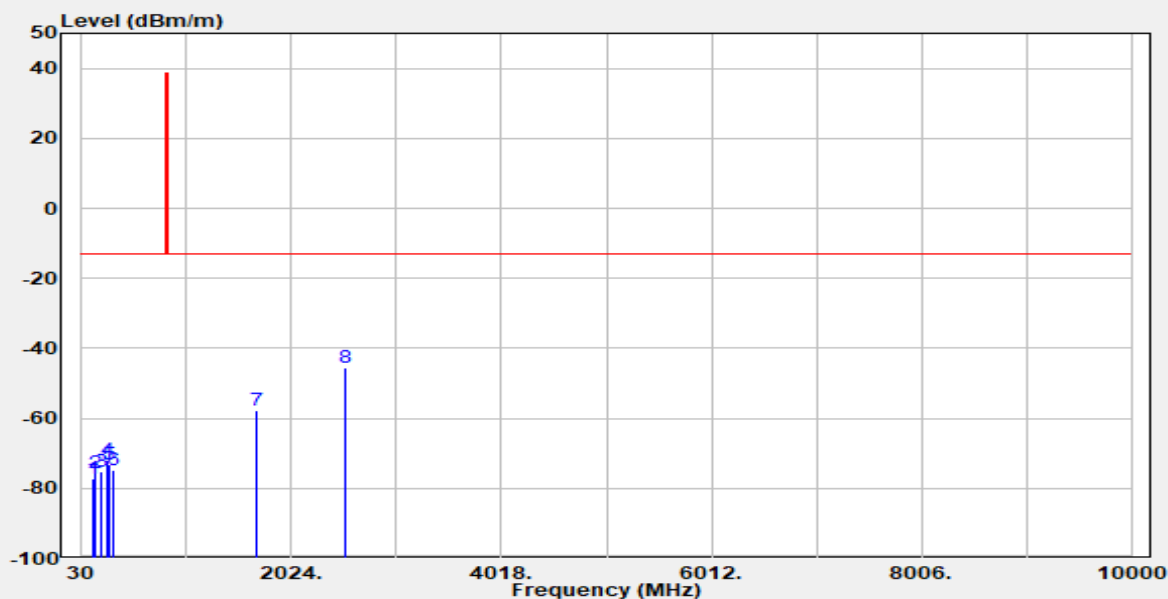
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Report Number :TERF2412003863ER  
Operation Mode :LTE B5  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :844 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



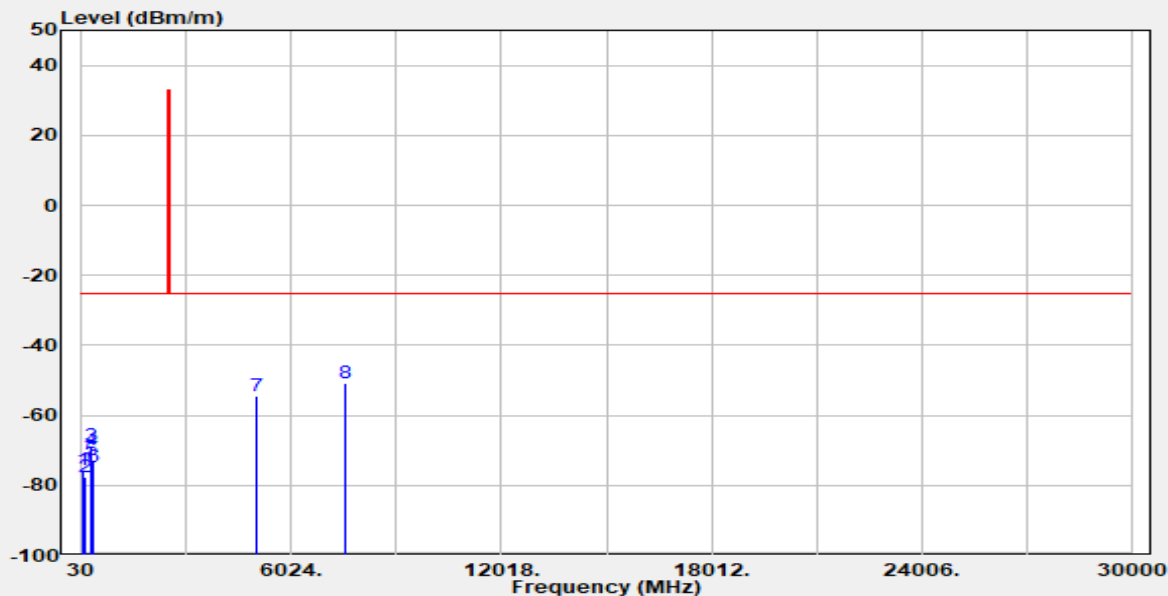
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.24	-73.35	-1.76	-2.13	-13.00	-64.24
155.26	-75.78	-72.03	-1.47	-2.28	-13.00	-62.78
223.22	-75.35	-77.54	4.92	-2.73	-13.00	-62.35
270.80	-72.15	-72.92	3.79	-3.01	-13.00	-59.15
297.99	-73.04	-73.69	3.80	-3.15	-13.00	-60.04
325.18	-74.80	-75.42	3.92	-3.30	-13.00	-61.80
1688.00	-57.78	-60.11	9.88	-7.55	-13.00	-44.78
2532.00	-45.58	-46.76	10.52	-9.33	-13.00	-32.58

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B7  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2510 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
67.87	-75.48	-66.39	-7.59	-1.51	-25.00	-50.48
135.84	-77.52	-73.63	-1.76	-2.13	-25.00	-52.52
270.80	-68.74	-69.52	3.79	-3.01	-25.00	-43.74
297.99	-69.99	-70.64	3.80	-3.15	-25.00	-44.99
325.18	-72.67	-73.29	3.92	-3.30	-25.00	-47.67
352.36	-74.98	-75.77	4.22	-3.42	-25.00	-49.98
5020.00	-54.33	-53.41	12.40	-13.32	-25.00	-29.33
7530.00	-50.91	-45.51	11.06	-16.46	-25.00	-25.91

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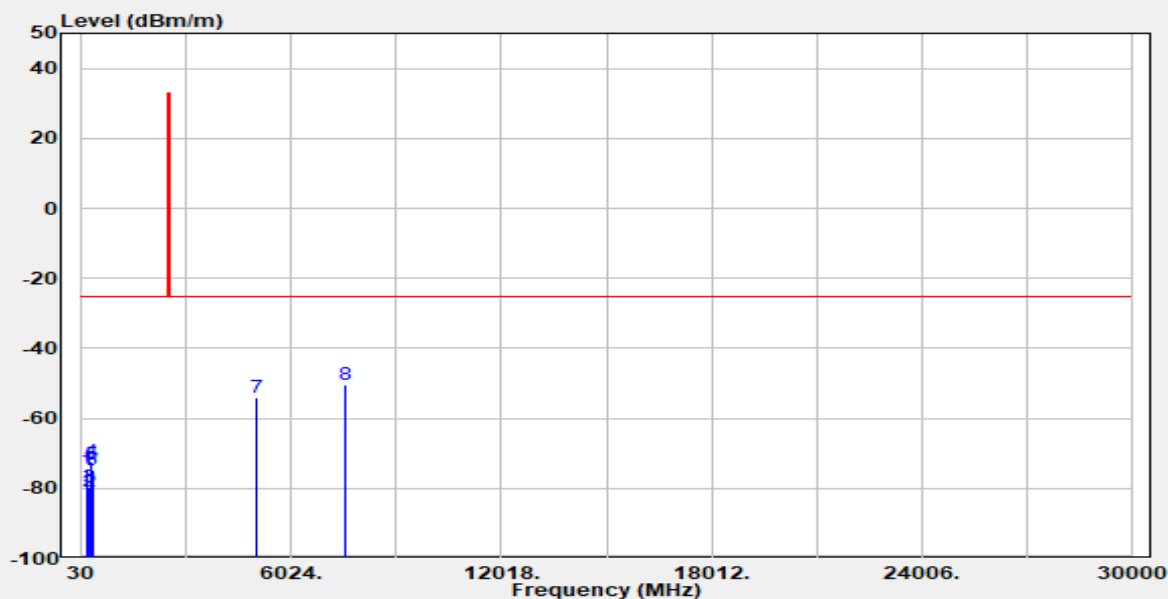
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B7  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2510 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
153.31	-74.75	-71.05	-1.44	-2.26	-25.00	-49.75
217.40	-81.08	-83.02	4.63	-2.69	-25.00	-56.08
248.47	-79.69	-80.45	3.65	-2.88	-25.00	-54.69
270.80	-72.18	-72.96	3.79	-3.01	-25.00	-47.18
297.99	-73.09	-73.74	3.80	-3.15	-25.00	-48.09
325.18	-74.81	-75.43	3.92	-3.30	-25.00	-49.81
5020.00	-53.93	-53.01	12.40	-13.32	-25.00	-28.93
7530.00	-50.48	-45.08	11.06	-16.46	-25.00	-25.48

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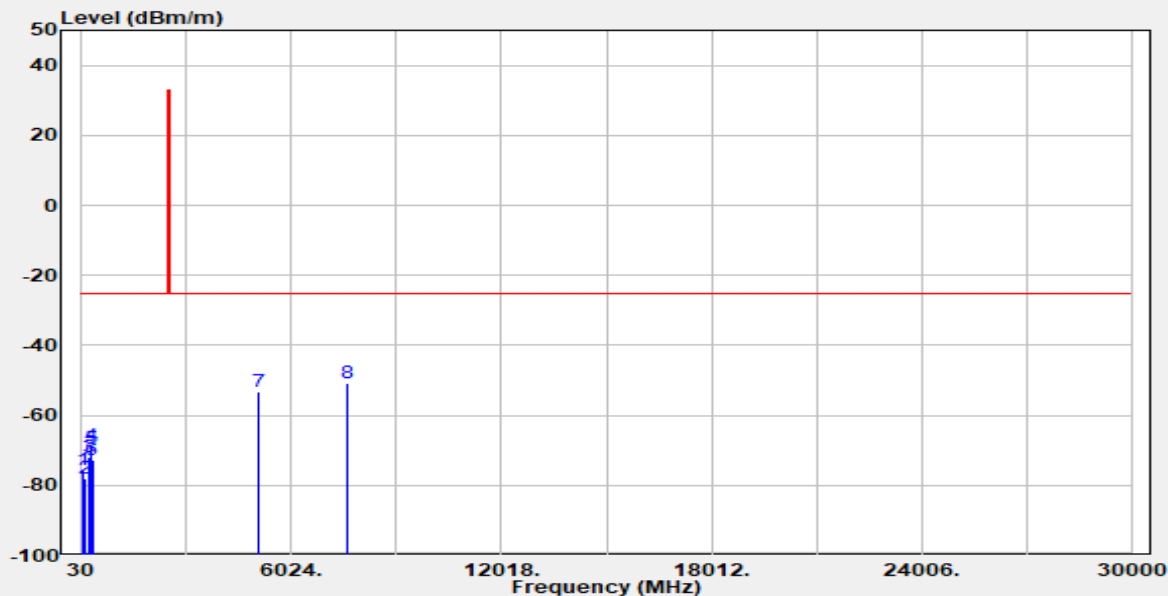
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B7  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2535 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
73.69	-75.74	-68.87	-5.30	-1.57	-25.00	-50.74
135.84	-77.95	-74.06	-1.76	-2.13	-25.00	-52.95
230.02	-71.86	-73.80	4.71	-2.77	-25.00	-46.86
270.80	-68.74	-69.52	3.79	-3.01	-25.00	-43.74
297.99	-69.36	-70.01	3.80	-3.15	-25.00	-44.36
325.18	-72.96	-73.58	3.92	-3.30	-25.00	-47.96
5070.00	-53.44	-52.44	12.40	-13.40	-25.00	-28.44
7605.00	-50.72	-45.39	11.21	-16.55	-25.00	-25.72

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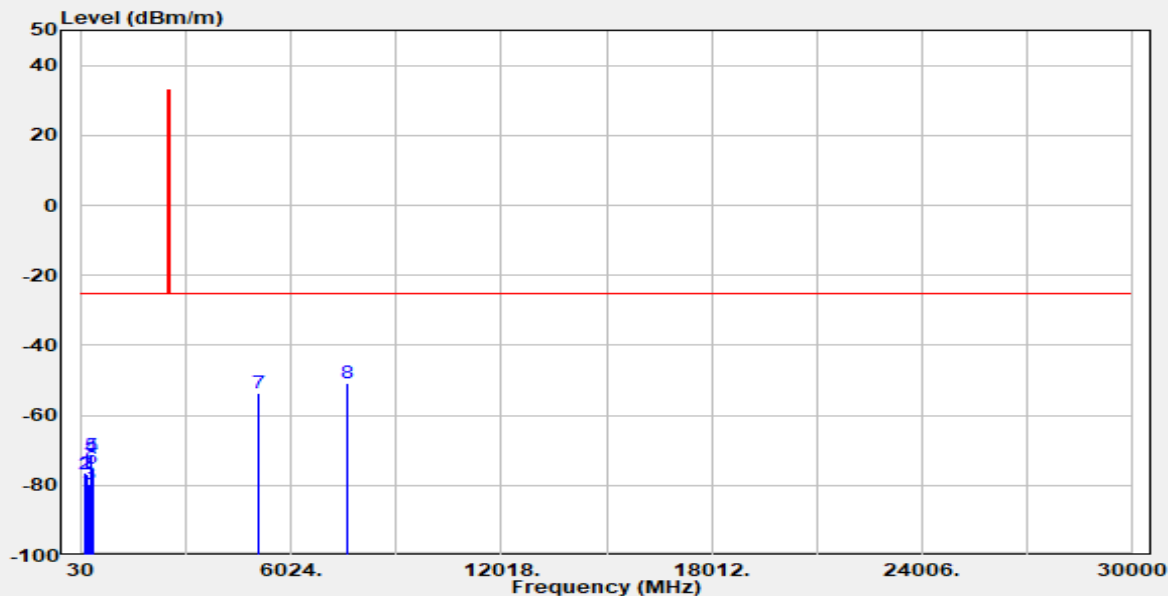
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B7  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2535 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-76.57	-72.68	-1.76	-2.13	-25.00	-51.57
152.34	-76.66	-72.88	-1.53	-2.26	-25.00	-51.66
243.61	-79.61	-80.43	3.67	-2.85	-25.00	-54.61
270.80	-72.12	-72.89	3.79	-3.01	-25.00	-47.12
297.99	-71.70	-72.36	3.80	-3.15	-25.00	-46.70
325.18	-75.07	-75.69	3.92	-3.30	-25.00	-50.07
5070.00	-53.55	-52.55	12.40	-13.40	-25.00	-28.55
7605.00	-50.91	-45.57	11.21	-16.55	-25.00	-25.91

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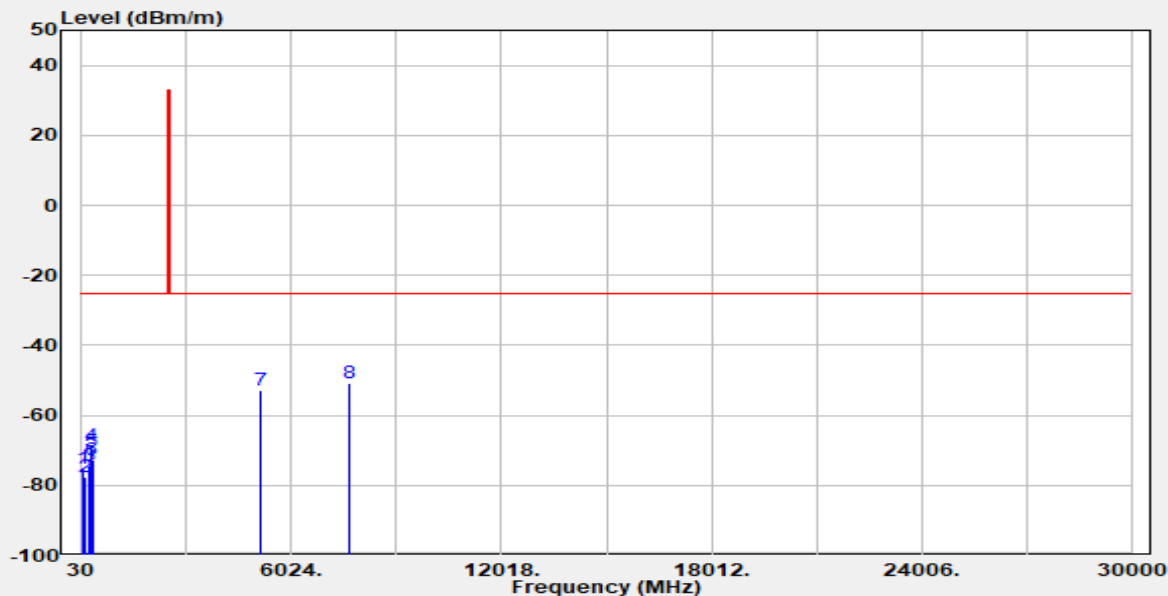
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B7  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2560 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-75.12	-65.92	-7.70	-1.50	-25.00	-50.12
129.04	-77.56	-73.76	-1.71	-2.08	-25.00	-52.56
230.02	-74.30	-76.23	4.71	-2.77	-25.00	-49.30
270.80	-68.67	-69.44	3.79	-3.01	-25.00	-43.67
297.99	-70.39	-71.04	3.80	-3.15	-25.00	-45.39
325.18	-72.88	-73.50	3.92	-3.30	-25.00	-47.88
5120.00	-52.65	-51.59	12.40	-13.47	-25.00	-27.65
7680.00	-50.87	-45.65	11.42	-16.65	-25.00	-25.87

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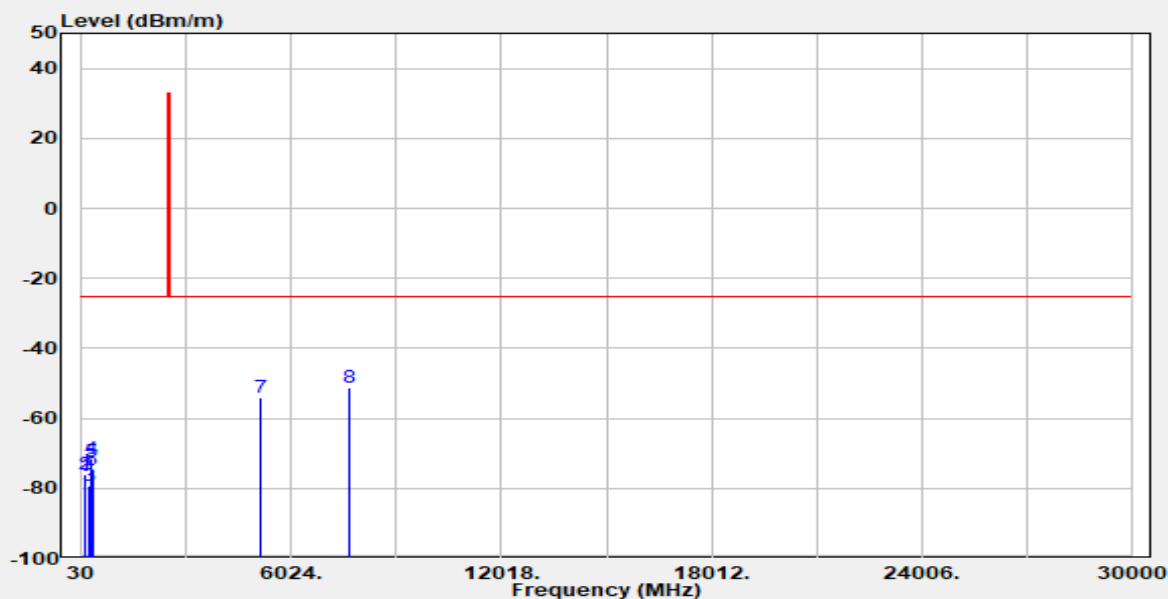
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B7  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2560 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



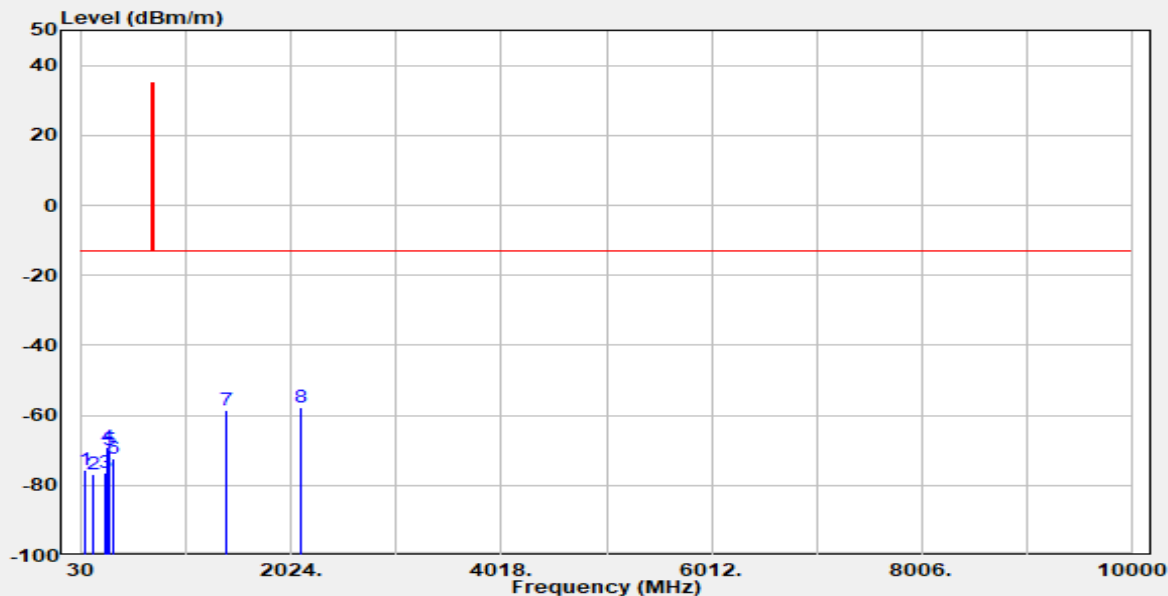
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.56	-72.67	-1.76	-2.13	-25.00	-51.56
150.40	-76.06	-72.14	-1.68	-2.24	-25.00	-51.06
243.61	-79.23	-80.04	3.67	-2.85	-25.00	-54.23
270.80	-71.40	-72.17	3.79	-3.01	-25.00	-46.40
297.99	-72.27	-72.92	3.80	-3.15	-25.00	-47.27
325.18	-74.78	-75.40	3.92	-3.30	-25.00	-49.78
5120.00	-53.89	-52.82	12.40	-13.47	-25.00	-28.89
7680.00	-51.23	-46.01	11.42	-16.65	-25.00	-26.23

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B12  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :704 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-75.76	-66.56	-7.70	-1.50	-13.00	-62.76
135.84	-76.91	-73.02	-1.76	-2.13	-13.00	-63.91
248.47	-76.32	-77.09	3.65	-2.88	-13.00	-63.32
270.80	-69.17	-69.95	3.79	-3.01	-13.00	-56.17
297.99	-69.94	-70.60	3.80	-3.15	-13.00	-56.94
325.18	-72.17	-72.79	3.92	-3.30	-13.00	-59.17
1408.00	-58.46	-59.16	7.58	-6.88	-13.00	-45.46
2112.00	-57.77	-58.96	9.68	-8.49	-13.00	-44.77

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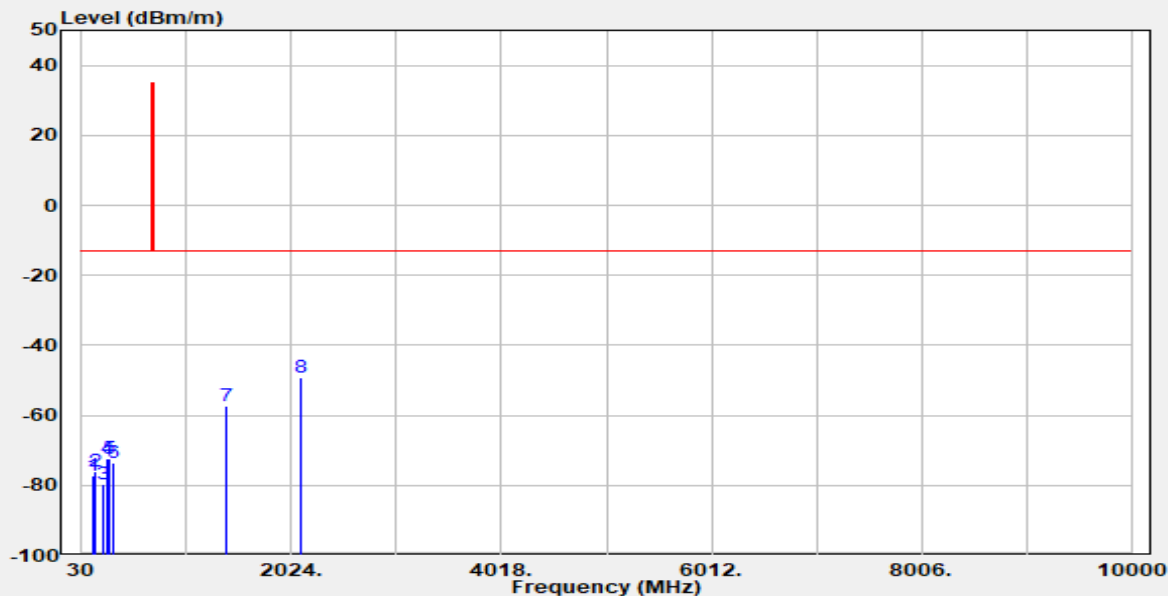
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B12  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :704 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



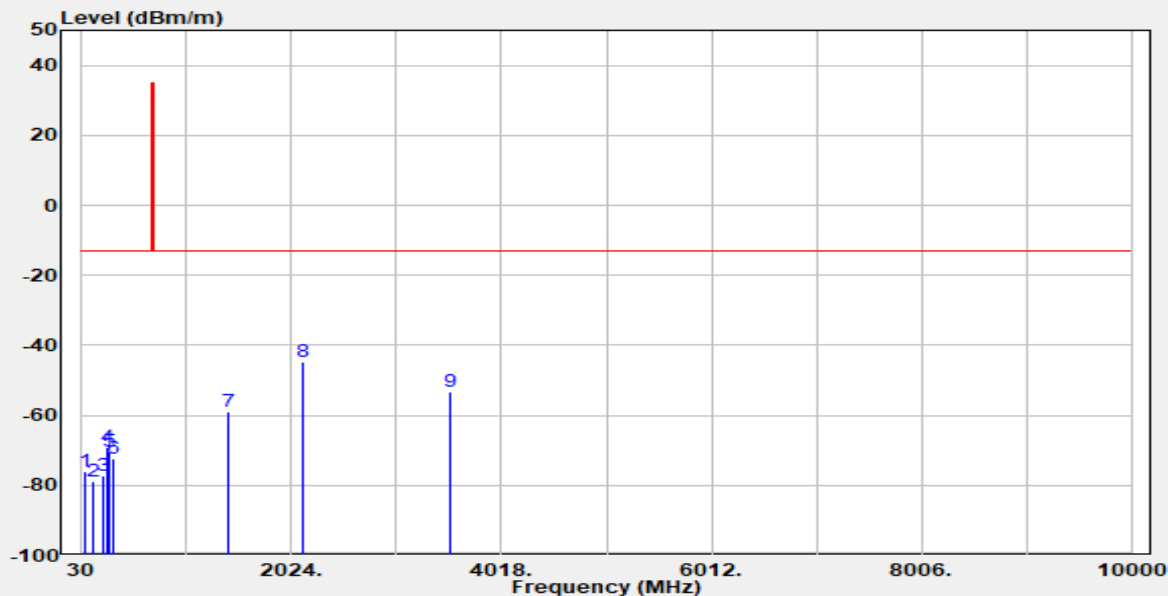
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.14	-73.25	-1.76	-2.13	-13.00	-64.14
155.26	-75.98	-72.23	-1.47	-2.28	-13.00	-62.98
229.05	-79.73	-81.73	4.77	-2.76	-13.00	-66.73
270.80	-72.19	-72.96	3.79	-3.01	-13.00	-59.19
297.99	-72.35	-73.00	3.80	-3.15	-13.00	-59.35
325.18	-73.39	-74.01	3.92	-3.30	-13.00	-60.39
1408.00	-57.42	-58.12	7.58	-6.88	-13.00	-44.42
2112.00	-49.30	-50.50	9.68	-8.49	-13.00	-36.30

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B12  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :707.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
69.81	-75.88	-67.68	-6.68	-1.53	-13.00	-62.88
135.84	-78.99	-75.10	-1.76	-2.13	-13.00	-65.99
229.05	-77.19	-79.19	4.77	-2.76	-13.00	-64.19
270.80	-69.00	-69.77	3.79	-3.01	-13.00	-56.00
297.99	-70.39	-71.05	3.80	-3.15	-13.00	-57.39
325.18	-72.20	-72.82	3.92	-3.30	-13.00	-59.20
1415.00	-59.02	-59.78	7.65	-6.90	-13.00	-46.02
2122.50	-44.75	-45.82	9.58	-8.51	-13.00	-31.75
3537.50	-53.12	-54.28	12.25	-11.09	-13.00	-40.12

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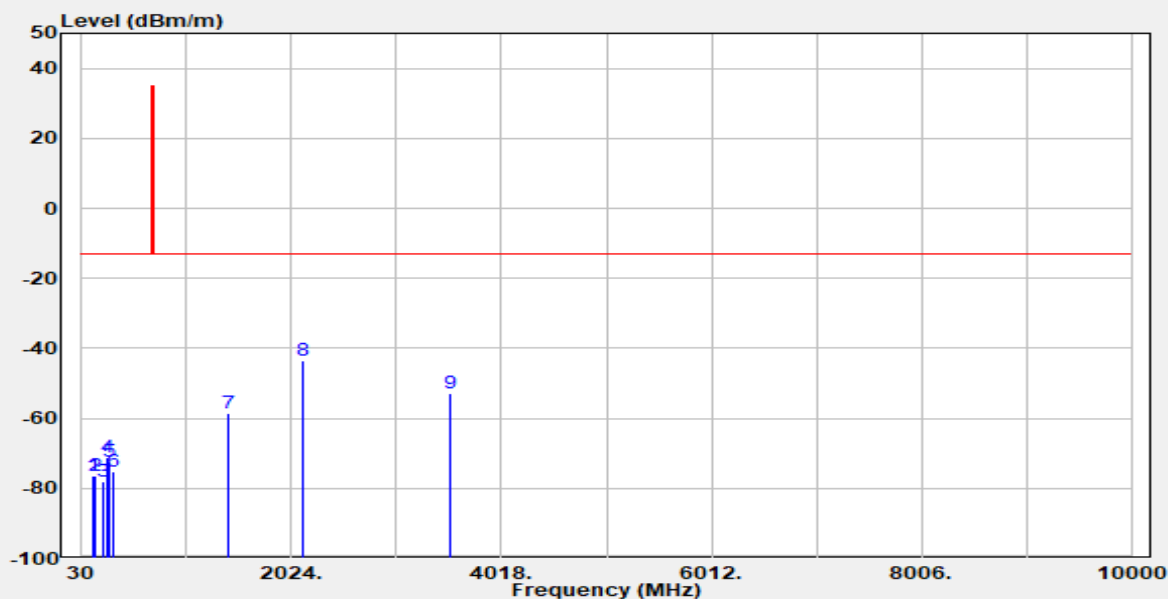
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Report Number :TERF2412003863ER  
Operation Mode :LTE B12  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :707.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



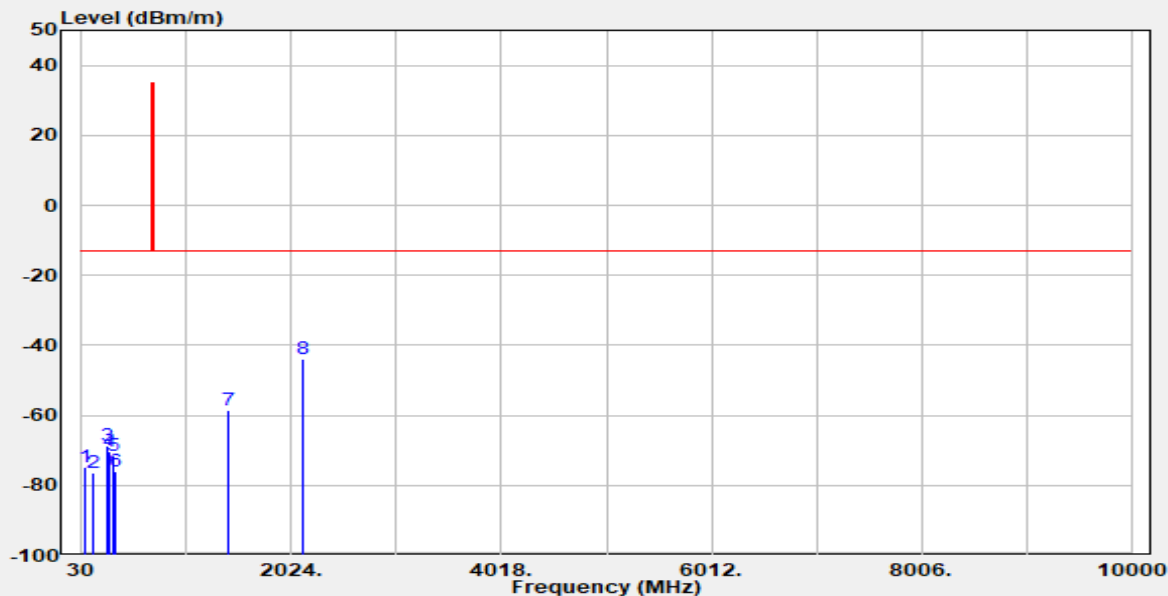
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-76.57	-72.68	-1.76	-2.13	-13.00	-63.57
152.34	-76.37	-72.58	-1.53	-2.26	-13.00	-63.37
230.99	-78.11	-79.90	4.57	-2.78	-13.00	-65.11
270.80	-71.31	-72.09	3.79	-3.01	-13.00	-58.31
297.99	-72.34	-73.00	3.80	-3.15	-13.00	-59.34
325.18	-75.33	-75.96	3.92	-3.30	-13.00	-62.33
1415.00	-58.57	-59.33	7.65	-6.90	-13.00	-45.57
2122.50	-43.43	-44.50	9.58	-8.51	-13.00	-30.43
3537.50	-53.02	-54.18	12.25	-11.09	-13.00	-40.02

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B12  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :711 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
68.84	-74.60	-66.04	-7.04	-1.52	-13.00	-61.60
135.84	-76.58	-72.69	-1.76	-2.13	-13.00	-63.58
270.80	-68.79	-69.56	3.79	-3.01	-13.00	-55.79
297.99	-70.13	-70.79	3.80	-3.15	-13.00	-57.13
325.18	-71.49	-72.11	3.92	-3.30	-13.00	-58.49
352.36	-75.94	-76.74	4.22	-3.42	-13.00	-62.94
1422.00	-58.36	-59.15	7.70	-6.91	-13.00	-45.36
2133.00	-43.86	-44.83	9.50	-8.53	-13.00	-30.86

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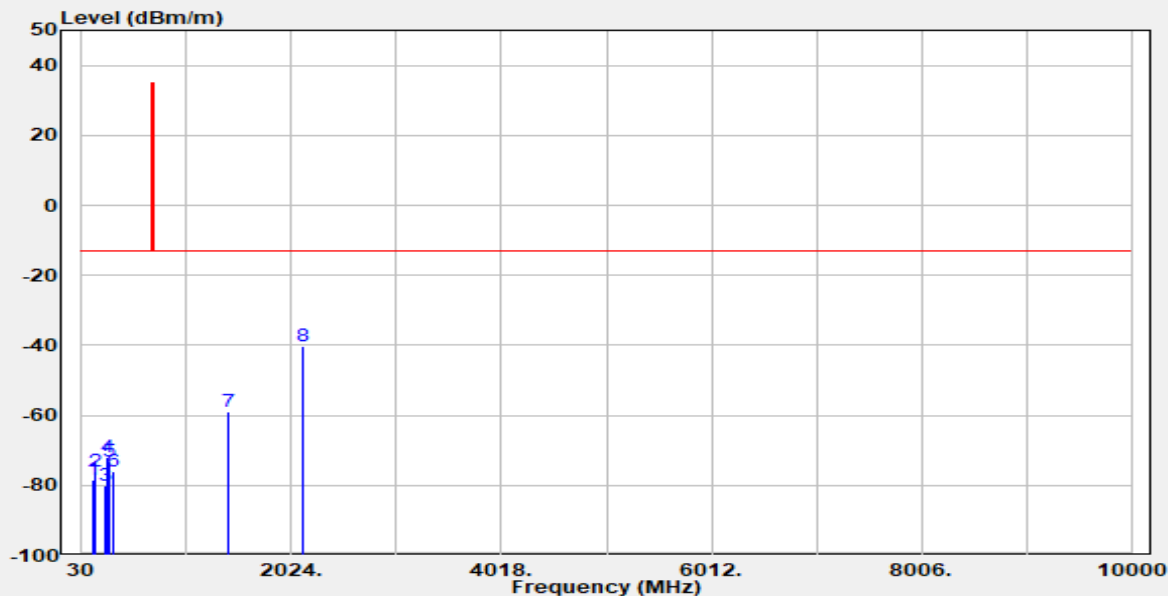
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B12  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :711 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-78.34	-74.45	-1.76	-2.13	-13.00	-65.34
152.34	-76.04	-72.25	-1.53	-2.26	-13.00	-63.04
244.59	-80.20	-81.01	3.66	-2.86	-13.00	-67.20
270.80	-72.07	-72.84	3.79	-3.01	-13.00	-59.07
297.99	-73.04	-73.70	3.80	-3.15	-13.00	-60.04
325.18	-75.85	-76.47	3.92	-3.30	-13.00	-62.85
1422.00	-59.09	-59.88	7.70	-6.91	-13.00	-46.09
2133.00	-40.40	-41.36	9.50	-8.53	-13.00	-27.40

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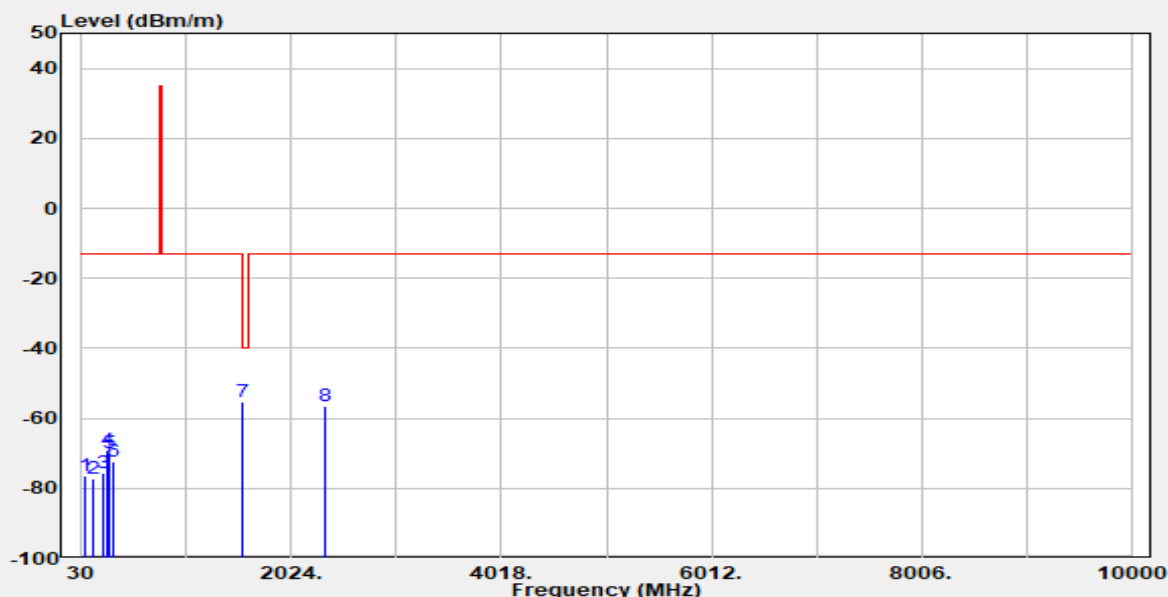
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B13  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :782 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



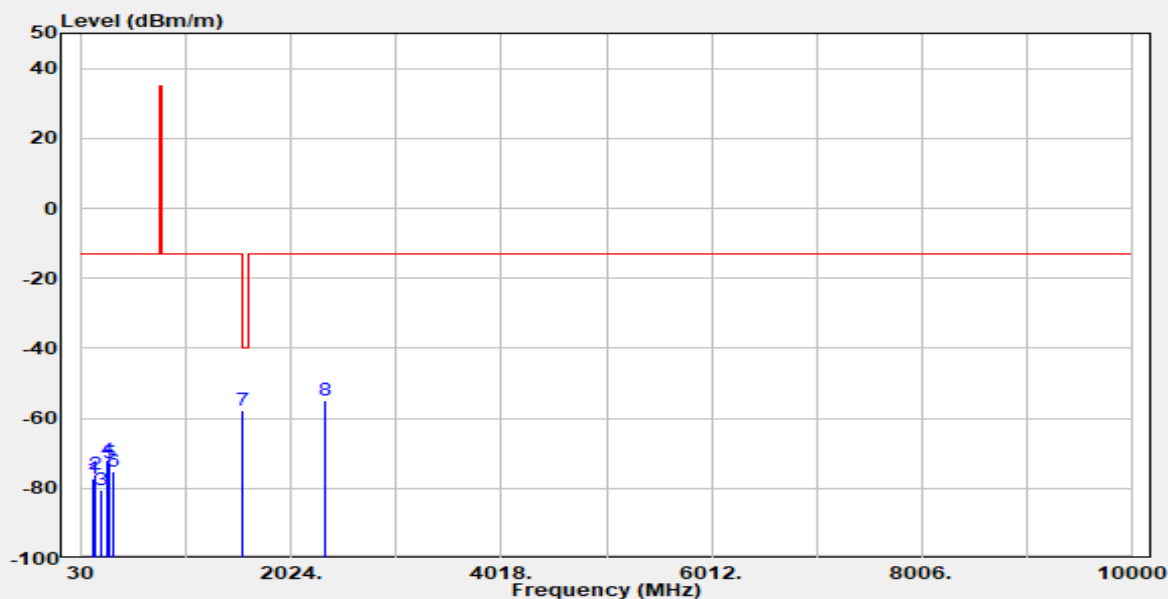
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-76.44	-67.25	-7.70	-1.50	-13.00	-63.44
135.84	-77.39	-73.50	-1.76	-2.13	-13.00	-64.39
227.11	-75.44	-77.57	4.89	-2.75	-13.00	-62.44
270.80	-69.08	-69.86	3.79	-3.01	-13.00	-56.08
297.99	-70.02	-70.68	3.80	-3.15	-13.00	-57.02
325.18	-72.49	-73.11	3.92	-3.30	-13.00	-59.49
1564.00	-55.09	-57.03	9.20	-7.26	-40.00	-15.09
2346.00	-56.53	-57.46	9.90	-8.97	-13.00	-43.53

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B13  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :782 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.31	-73.41	-1.76	-2.13	-13.00	-64.31
148.46	-75.99	-72.12	-1.64	-2.23	-13.00	-62.99
217.40	-80.68	-82.61	4.63	-2.69	-13.00	-67.68
270.80	-72.04	-72.81	3.79	-3.01	-13.00	-59.04
297.99	-72.76	-73.42	3.80	-3.15	-13.00	-59.76
325.18	-75.12	-75.74	3.92	-3.30	-13.00	-62.12
1564.00	-57.71	-59.65	9.20	-7.26	-40.00	-17.71
2346.00	-54.72	-55.65	9.90	-8.97	-13.00	-41.72

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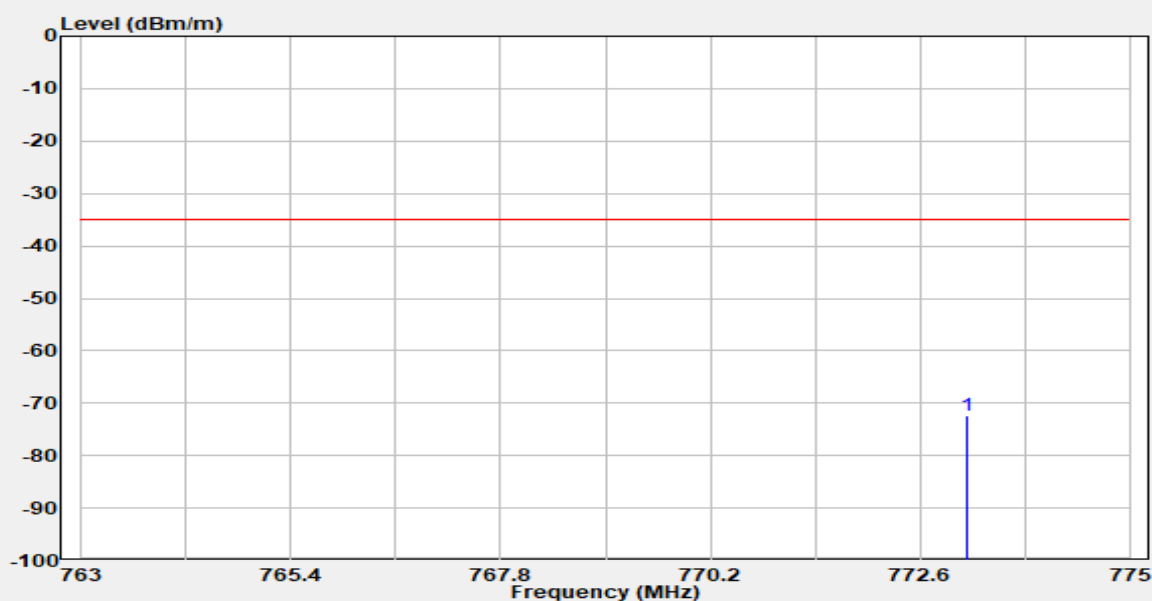
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## LTE B13 (763-775)

Report Number :TERF2412003863ER  
 Operation Mode :LTE B13  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :782 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
773.150	-72.40	-70.89	3.55	-5.06	-35.00	-37.40

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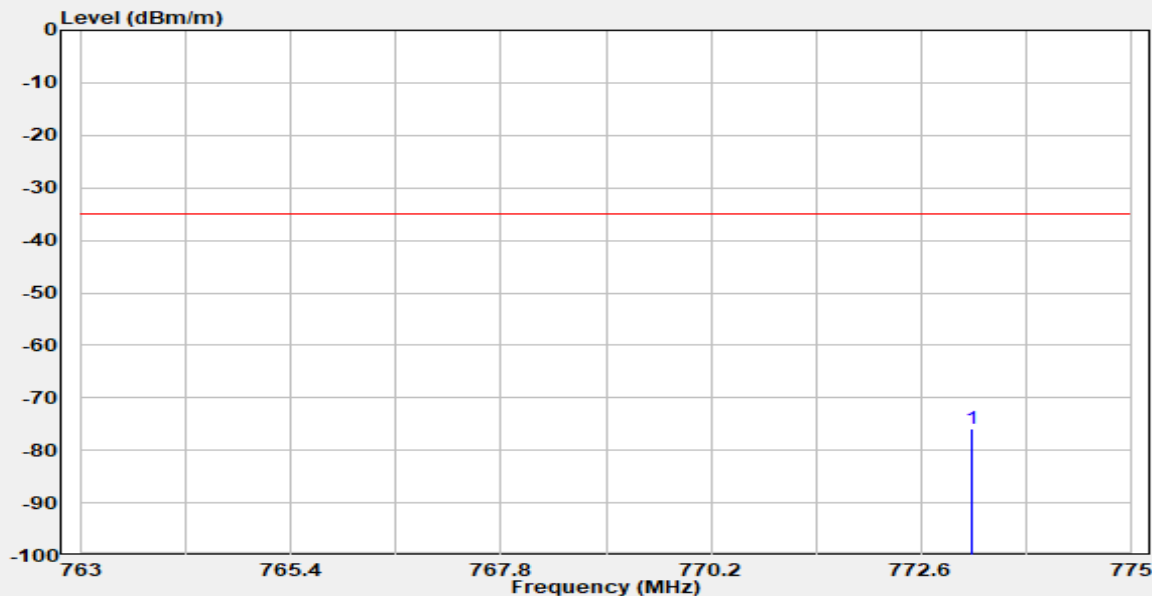
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B13  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :782 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
773.186	-75.76	-74.25	3.55	-5.06	-35.00	-40.76

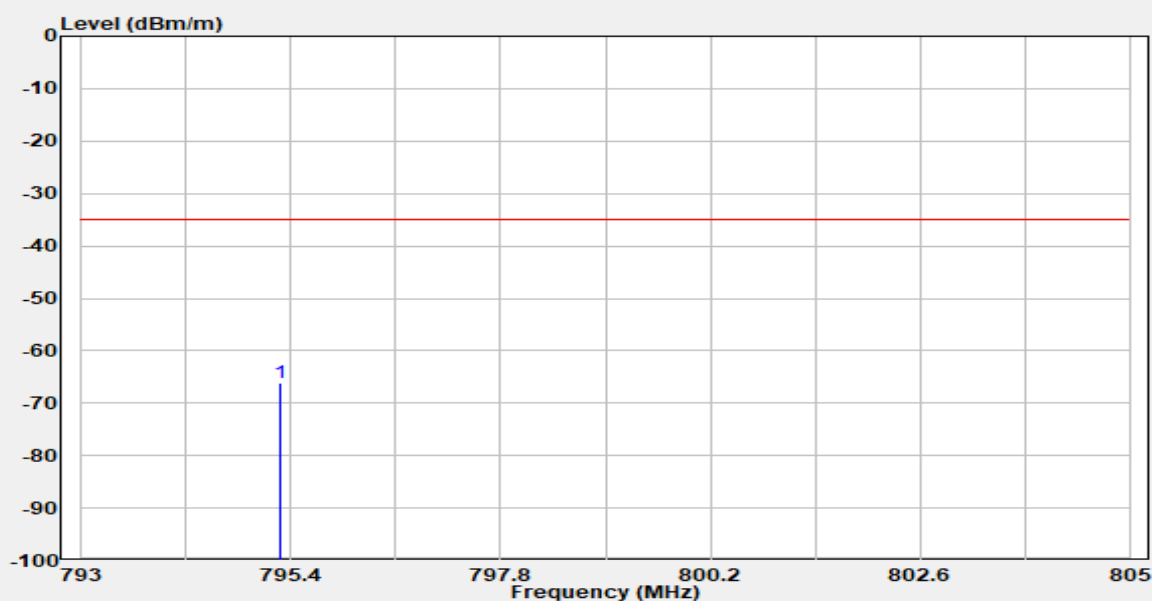
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## LTE B13 (793-805)

Report Number :TERF2412003863ER  
Operation Mode :LTE B13  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :782 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
795.282	-66.13	-64.38	3.39	-5.13	-35.00	-31.13

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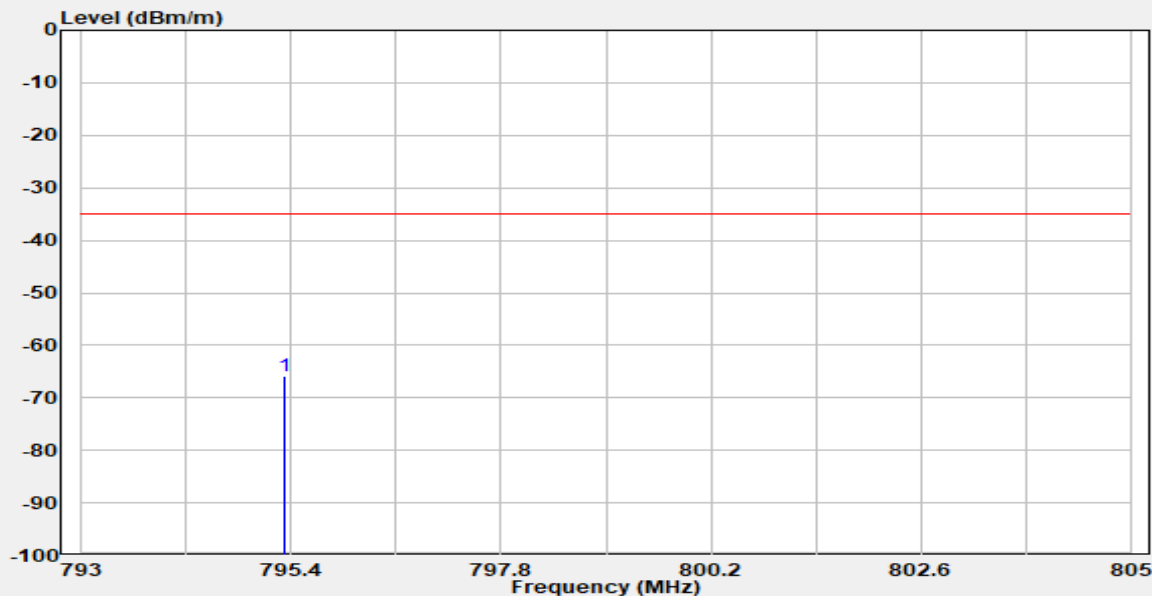
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B13  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :782 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
795.330	-65.85	-64.10	3.39	-5.13	-35.00	-30.85

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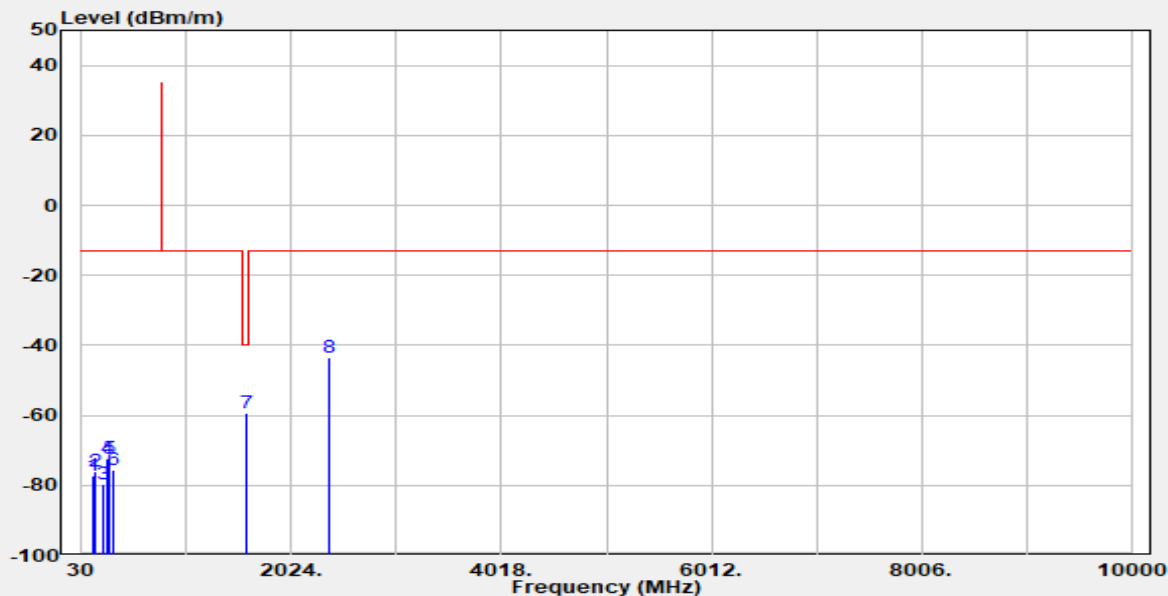
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B14  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :793 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.17	-73.28	-1.76	-2.13	-13.00	-64.17
154.28	-76.04	-72.28	-1.48	-2.27	-13.00	-63.04
238.76	-79.65	-80.59	3.76	-2.82	-13.00	-66.65
270.80	-72.22	-73.00	3.79	-3.01	-13.00	-59.22
297.99	-72.27	-72.92	3.80	-3.15	-13.00	-59.27
325.18	-75.51	-76.13	3.92	-3.30	-13.00	-62.51
1586.00	-59.26	-61.15	9.20	-7.31	-40.00	-19.26
2379.00	-43.63	-44.78	10.19	-9.04	-13.00	-30.63

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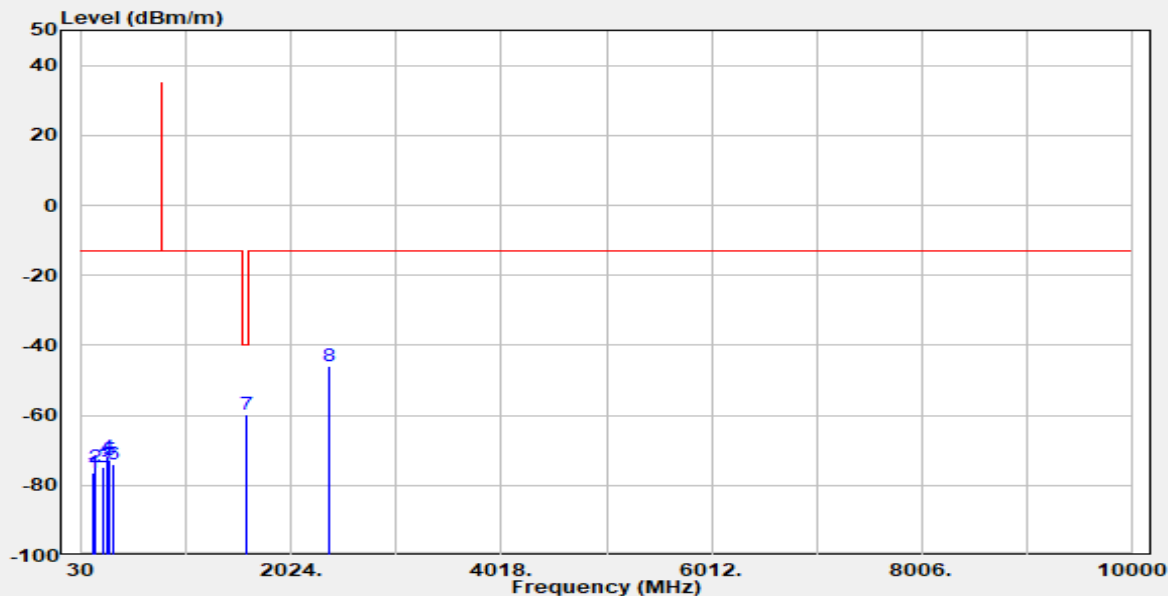
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B14  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :793 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.35	-72.46	-1.76	-2.13	-13.00	-63.35
152.34	-74.97	-71.18	-1.53	-2.26	-13.00	-61.97
241.67	-74.79	-75.63	3.67	-2.84	-13.00	-61.79
270.80	-71.83	-72.60	3.79	-3.01	-13.00	-58.83
297.99	-72.90	-73.55	3.80	-3.15	-13.00	-59.90
325.18	-74.05	-74.67	3.92	-3.30	-13.00	-61.05
1586.00	-59.58	-61.47	9.20	-7.31	-40.00	-19.58
2379.00	-45.74	-46.89	10.19	-9.04	-13.00	-32.74

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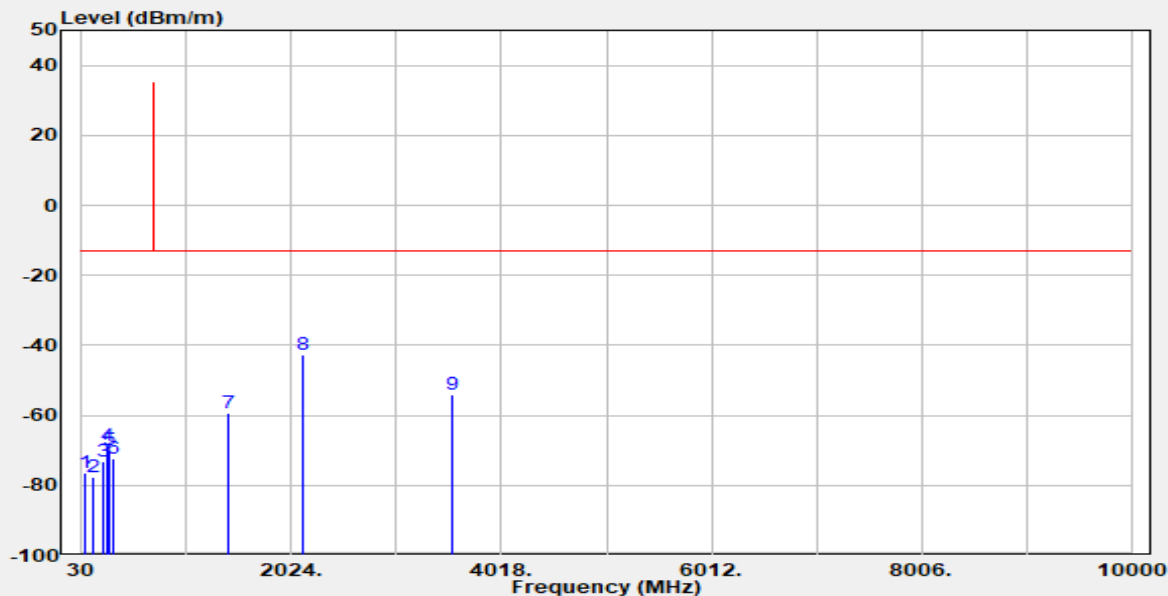
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B17  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :709 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-76.41	-67.22	-7.70	-1.50	-13.00	-63.41
135.84	-77.50	-73.61	-1.76	-2.13	-13.00	-64.50
241.67	-73.15	-73.98	3.67	-2.84	-13.00	-60.15
270.80	-68.74	-69.52	3.79	-3.01	-13.00	-55.74
297.99	-69.85	-70.50	3.80	-3.15	-13.00	-56.85
325.18	-72.34	-72.96	3.92	-3.30	-13.00	-59.34
1418.00	-59.18	-59.95	7.68	-6.90	-13.00	-46.18
2127.00	-42.76	-43.77	9.53	-8.52	-13.00	-29.76
3545.00	-53.99	-55.10	12.22	-11.10	-13.00	-40.99

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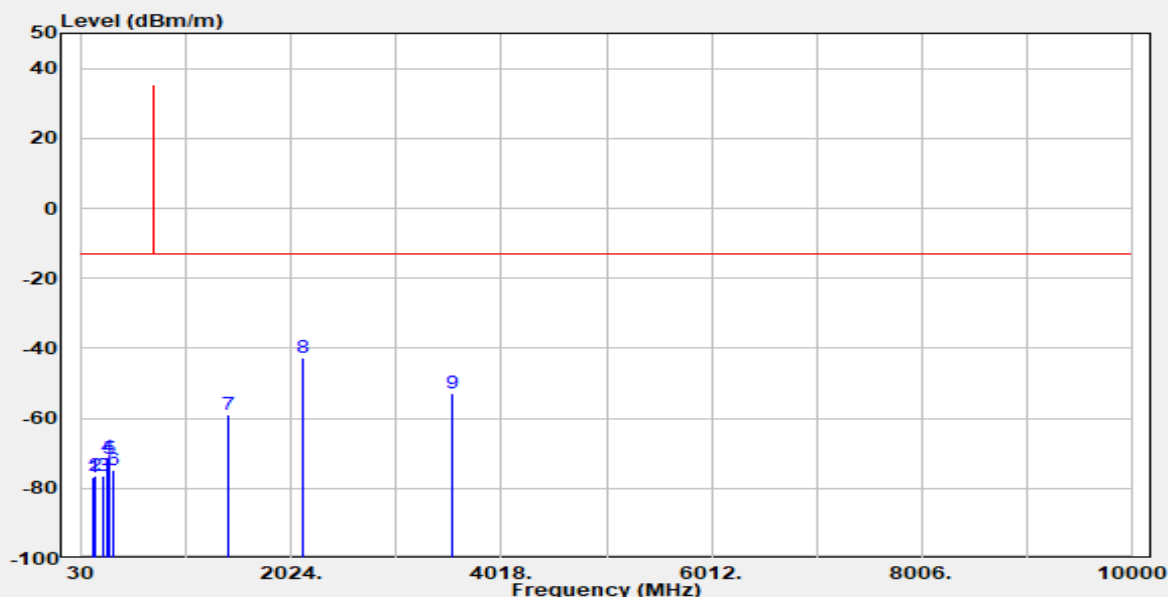
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B17  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :709 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



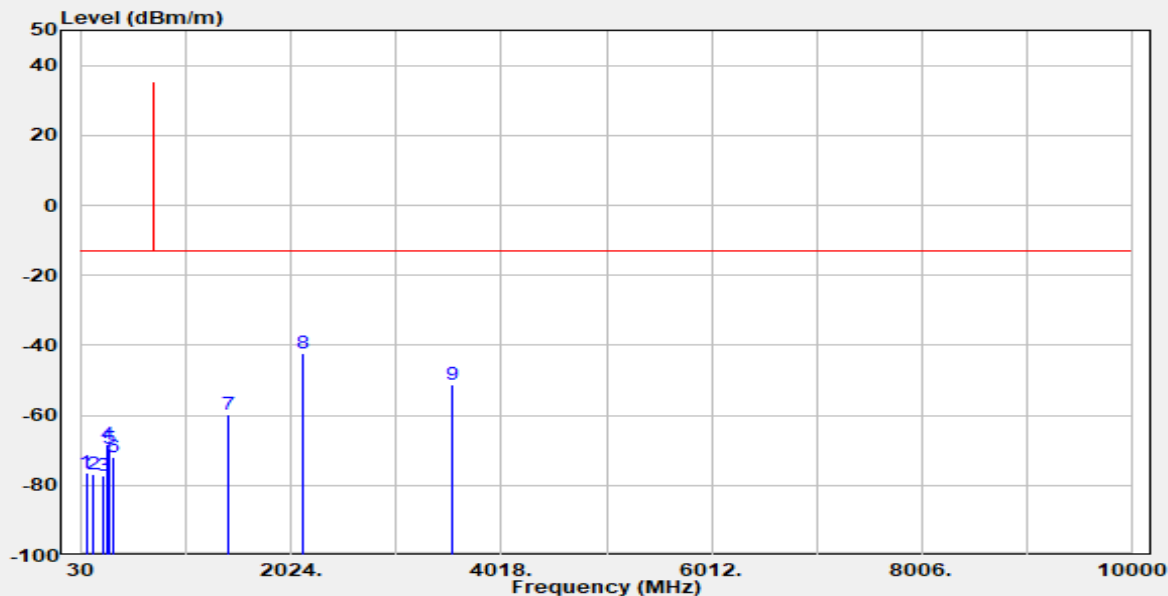
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.80	-72.91	-1.76	-2.13	-13.00	-63.80
165.94	-76.30	-73.42	-0.52	-2.36	-13.00	-63.30
232.93	-76.30	-77.80	4.29	-2.79	-13.00	-63.30
270.80	-71.28	-72.05	3.79	-3.01	-13.00	-58.28
297.99	-71.53	-72.18	3.80	-3.15	-13.00	-58.53
325.18	-74.66	-75.28	3.92	-3.30	-13.00	-61.66
1418.00	-58.77	-59.55	7.68	-6.90	-13.00	-45.77
2127.00	-42.61	-43.62	9.53	-8.52	-13.00	-29.61
3545.00	-53.02	-54.14	12.22	-11.10	-13.00	-40.02

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B17  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :710 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



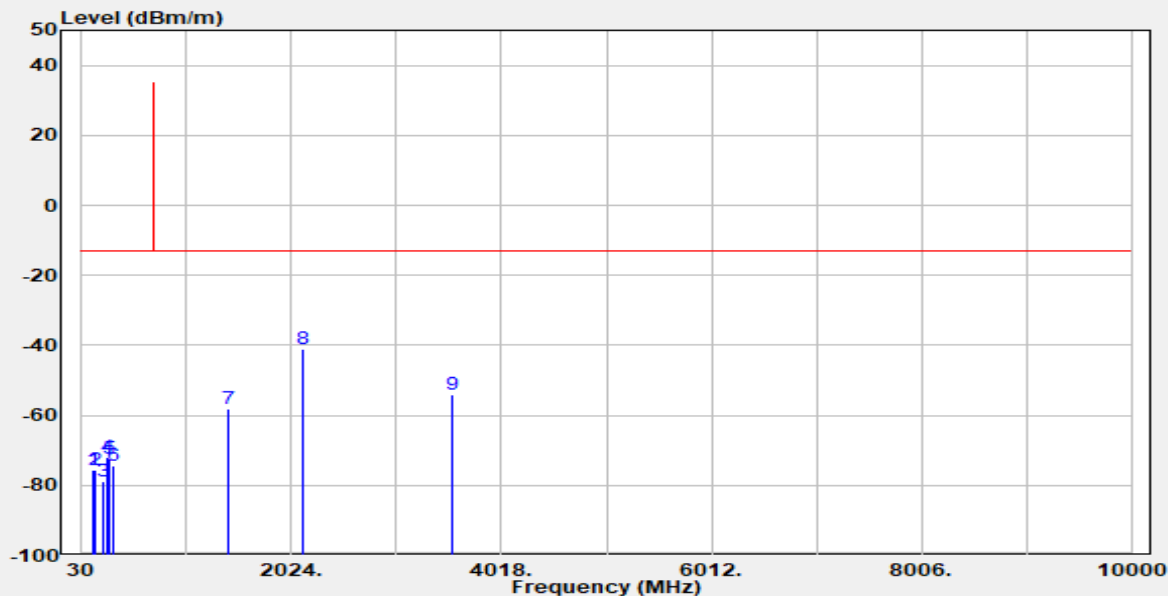
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
70.78	-76.23	-68.25	-6.44	-1.54	-13.00	-63.23
135.84	-77.01	-73.12	-1.76	-2.13	-13.00	-64.01
230.02	-77.15	-79.09	4.71	-2.77	-13.00	-64.15
270.80	-68.33	-69.10	3.79	-3.01	-13.00	-55.33
297.99	-69.70	-70.36	3.80	-3.15	-13.00	-56.70
325.18	-72.04	-72.66	3.92	-3.30	-13.00	-59.04
1420.00	-59.94	-60.73	7.70	-6.91	-13.00	-46.94
2130.00	-42.17	-43.14	9.50	-8.53	-13.00	-29.17
3550.00	-51.24	-52.33	12.20	-11.11	-13.00	-38.24

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B17  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :710 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-75.50	-71.61	-1.76	-2.13	-13.00	-62.50
155.26	-75.62	-71.87	-1.47	-2.28	-13.00	-62.62
226.14	-78.98	-81.18	4.95	-2.75	-13.00	-65.98
270.80	-72.04	-72.82	3.79	-3.01	-13.00	-59.04
297.99	-72.26	-72.91	3.80	-3.15	-13.00	-59.26
325.18	-74.41	-75.03	3.92	-3.30	-13.00	-61.41
1420.00	-58.31	-59.10	7.70	-6.91	-13.00	-45.31
2130.00	-41.16	-42.13	9.50	-8.53	-13.00	-28.16
3550.00	-54.20	-55.29	12.20	-11.11	-13.00	-41.20

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t (886-2) 2299-3279

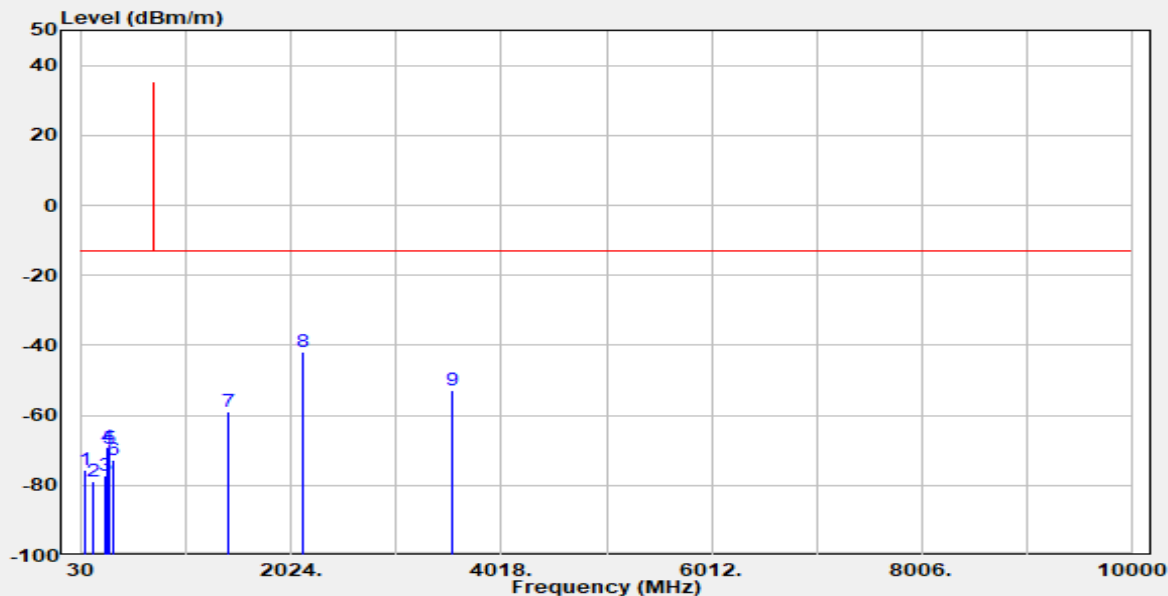
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B17  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :711 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
67.87	-75.58	-66.49	-7.59	-1.51	-13.00	-62.58
135.84	-78.76	-74.87	-1.76	-2.13	-13.00	-65.76
245.56	-77.08	-77.87	3.66	-2.86	-13.00	-64.08
270.80	-69.14	-69.92	3.79	-3.01	-13.00	-56.14
297.99	-69.45	-70.10	3.80	-3.15	-13.00	-56.45
325.18	-72.63	-73.25	3.92	-3.30	-13.00	-59.63
1422.00	-59.01	-59.80	7.70	-6.91	-13.00	-46.01
2133.00	-41.78	-42.75	9.50	-8.53	-13.00	-28.78
3555.00	-53.01	-54.10	12.21	-11.12	-13.00	-40.01

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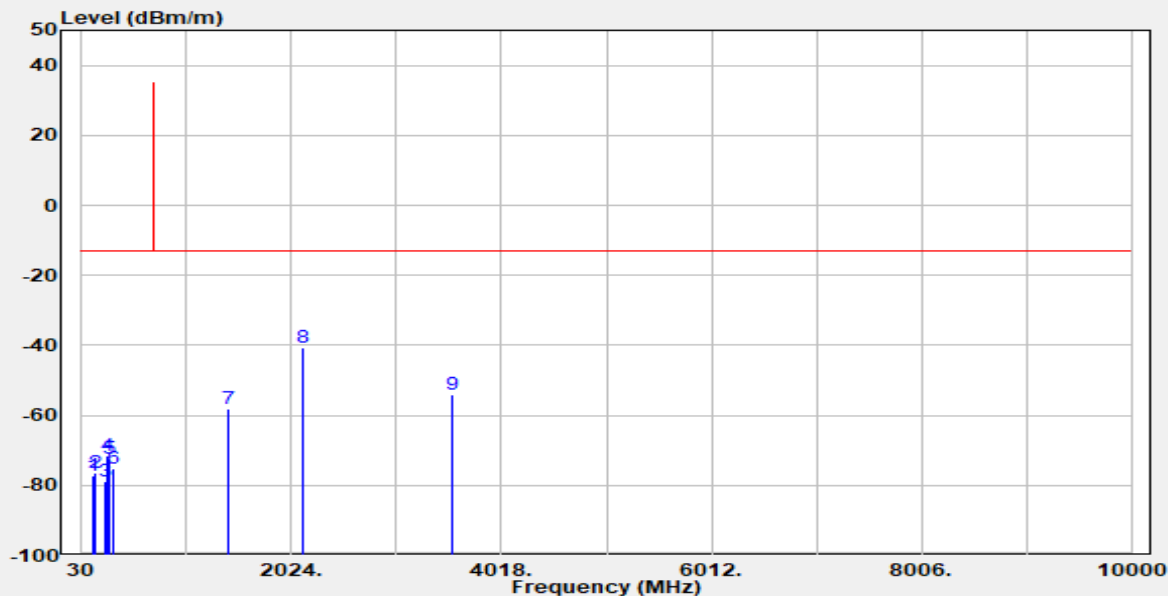
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B17  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :711 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.15	-73.26	-1.76	-2.13	-13.00	-64.15
157.20	-76.58	-73.10	-1.19	-2.29	-13.00	-63.58
245.56	-78.86	-79.66	3.66	-2.86	-13.00	-65.86
270.80	-71.43	-72.20	3.79	-3.01	-13.00	-58.43
297.99	-72.23	-72.89	3.80	-3.15	-13.00	-59.23
325.18	-75.13	-75.75	3.92	-3.30	-13.00	-62.13
1422.00	-58.25	-59.03	7.70	-6.91	-13.00	-45.25
2133.00	-40.62	-41.59	9.50	-8.53	-13.00	-27.62
3555.00	-54.26	-55.35	12.21	-11.12	-13.00	-41.26

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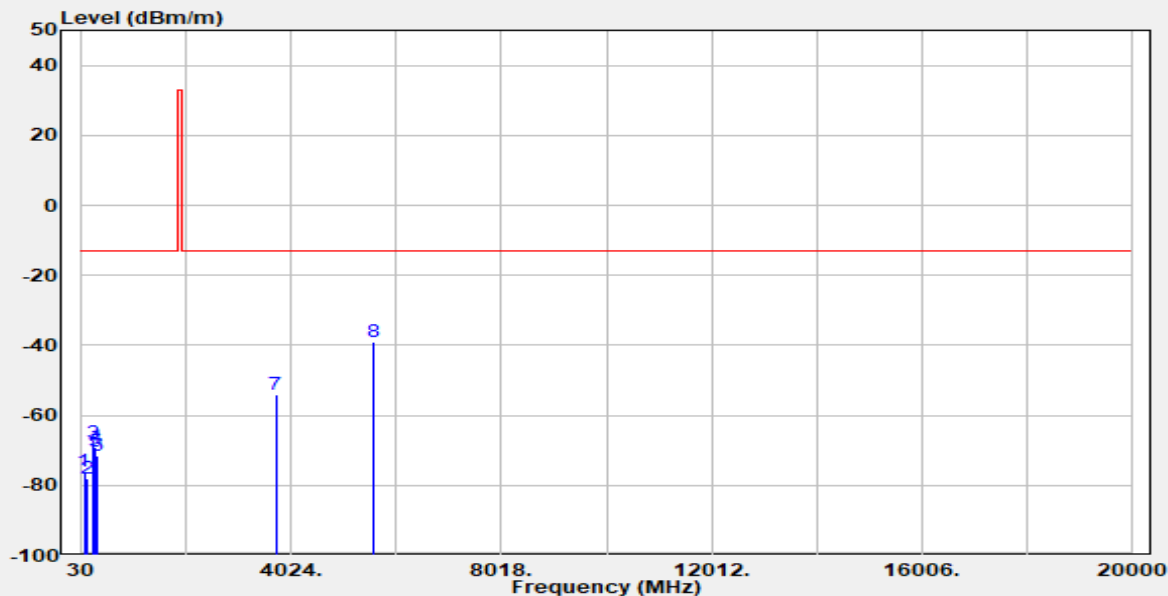
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B25  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1860 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



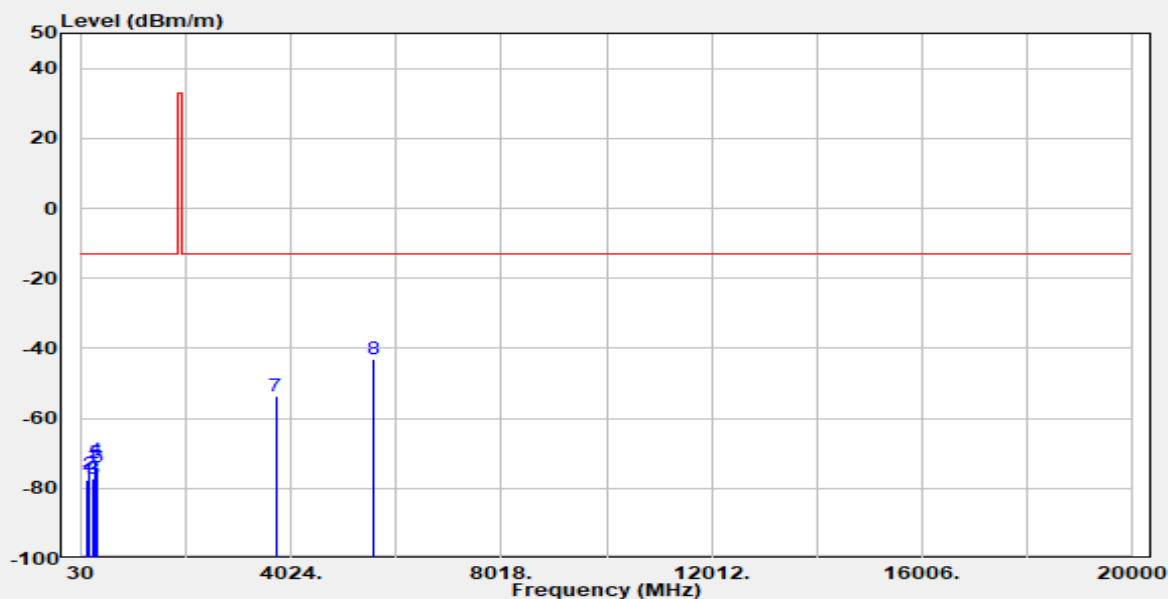
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
72.72	-76.11	-68.76	-5.79	-1.56	-13.00	-63.11
135.84	-77.97	-74.08	-1.76	-2.13	-13.00	-64.97
244.59	-68.06	-68.87	3.66	-2.86	-13.00	-55.06
270.80	-68.92	-69.69	3.79	-3.01	-13.00	-55.92
297.99	-70.31	-70.96	3.80	-3.15	-13.00	-57.31
325.18	-71.72	-72.34	3.92	-3.30	-13.00	-58.72
3720.00	-54.05	-55.16	12.50	-11.38	-13.00	-41.05
5580.00	-39.17	-38.20	13.12	-14.10	-13.00	-26.17

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B25  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1860 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.76	-73.87	-1.76	-2.13	-13.00	-64.76
161.08	-75.95	-72.66	-0.97	-2.32	-13.00	-62.95
232.93	-77.30	-78.81	4.29	-2.79	-13.00	-64.30
270.80	-71.94	-72.71	3.79	-3.01	-13.00	-58.94
297.99	-72.94	-73.59	3.80	-3.15	-13.00	-59.94
325.18	-73.94	-74.56	3.92	-3.30	-13.00	-60.94
3720.00	-53.74	-54.86	12.50	-11.38	-13.00	-40.74
5580.00	-43.20	-42.22	13.12	-14.10	-13.00	-30.20

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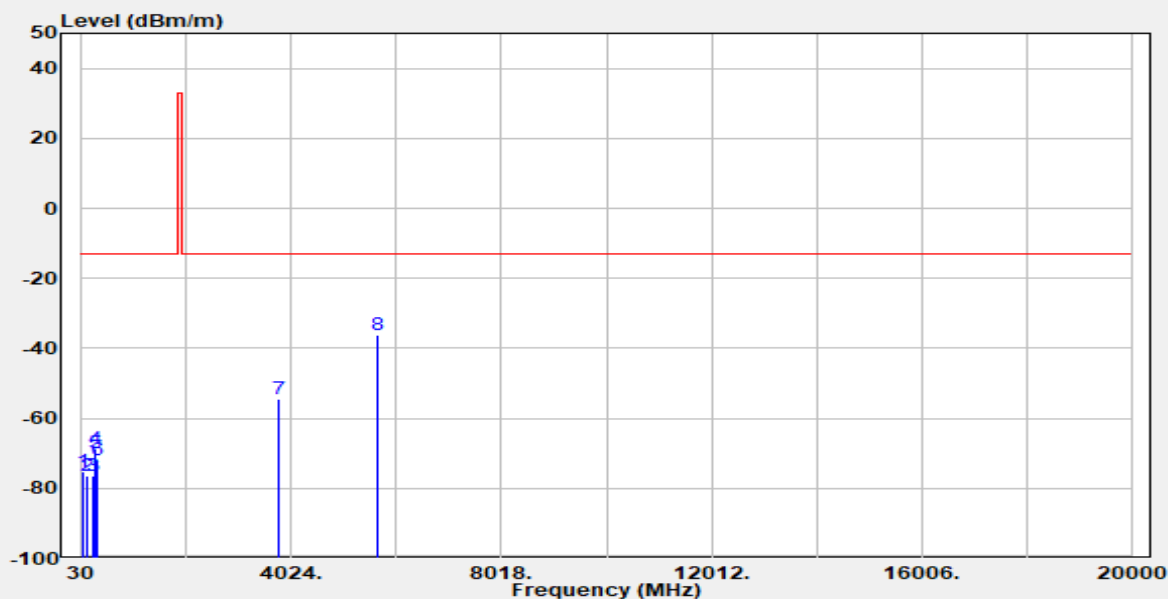
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B25  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1882.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



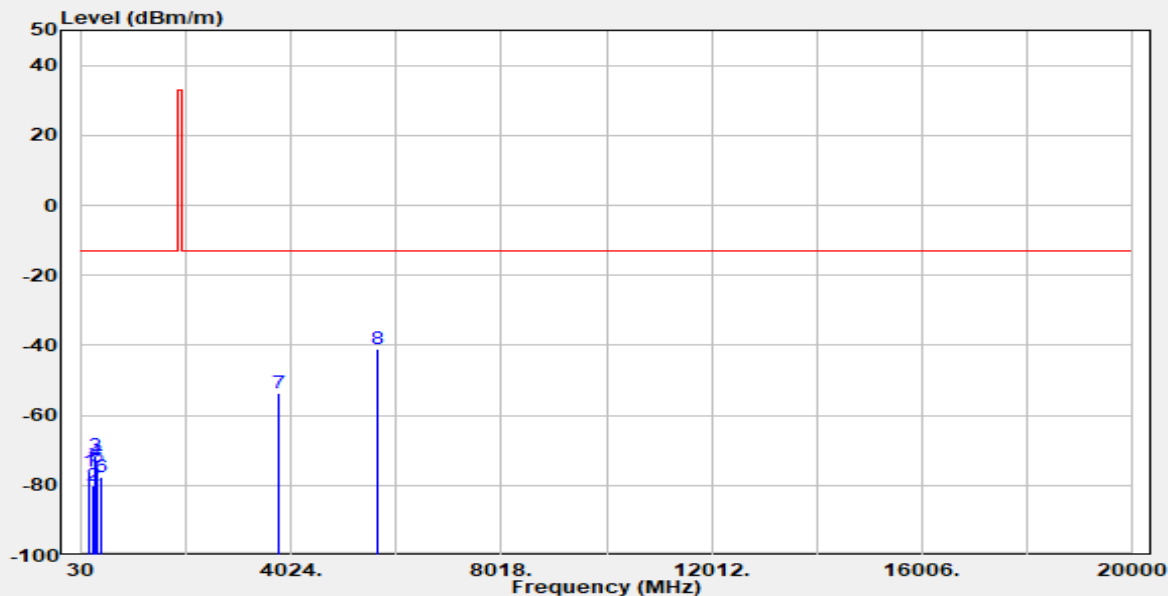
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-75.35	-66.15	-7.70	-1.50	-13.00	-62.35
135.84	-76.58	-72.69	-1.76	-2.13	-13.00	-63.58
243.61	-76.33	-77.15	3.67	-2.85	-13.00	-63.33
270.80	-68.86	-69.63	3.79	-3.01	-13.00	-55.86
297.99	-70.05	-70.70	3.80	-3.15	-13.00	-57.05
325.18	-71.94	-72.56	3.92	-3.30	-13.00	-58.94
3765.00	-54.66	-55.71	12.50	-11.45	-13.00	-41.66
5647.50	-36.31	-35.43	13.30	-14.18	-13.00	-23.31

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B25  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1882.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
152.34	-76.02	-72.24	-1.53	-2.26	-13.00	-63.02
243.61	-79.97	-80.79	3.67	-2.85	-13.00	-66.97
270.80	-71.48	-72.26	3.79	-3.01	-13.00	-58.48
297.99	-73.18	-73.83	3.80	-3.15	-13.00	-60.18
325.18	-74.61	-75.23	3.92	-3.30	-13.00	-61.61
382.46	-77.65	-78.01	3.94	-3.57	-13.00	-64.65
3765.00	-53.46	-54.51	12.50	-11.45	-13.00	-40.46
5647.50	-40.96	-40.08	13.30	-14.18	-13.00	-27.96

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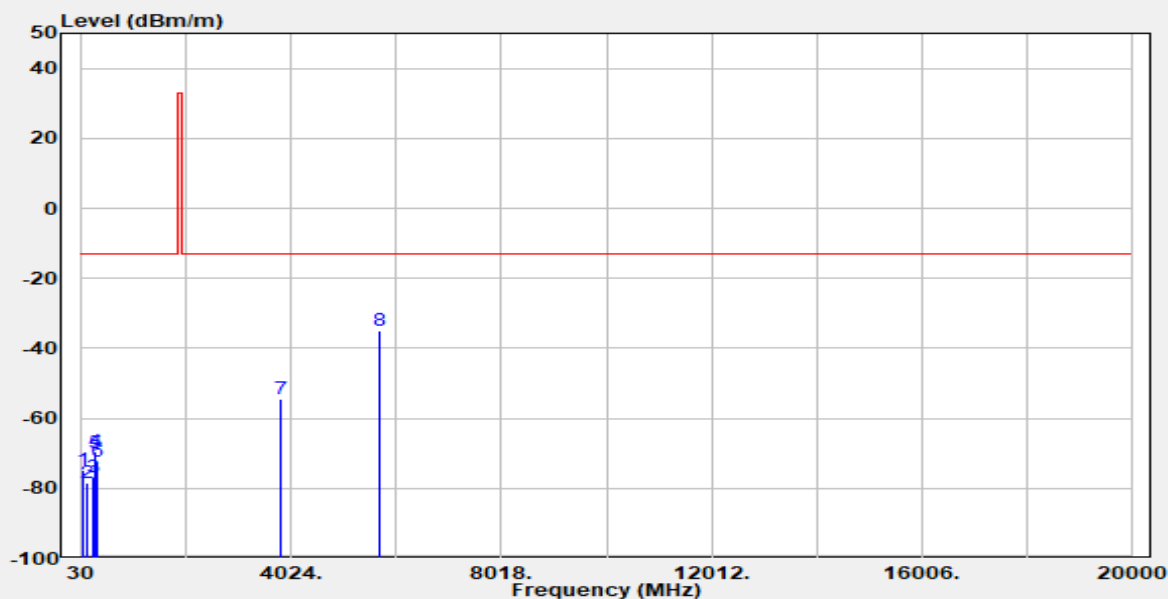
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B25  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1905 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



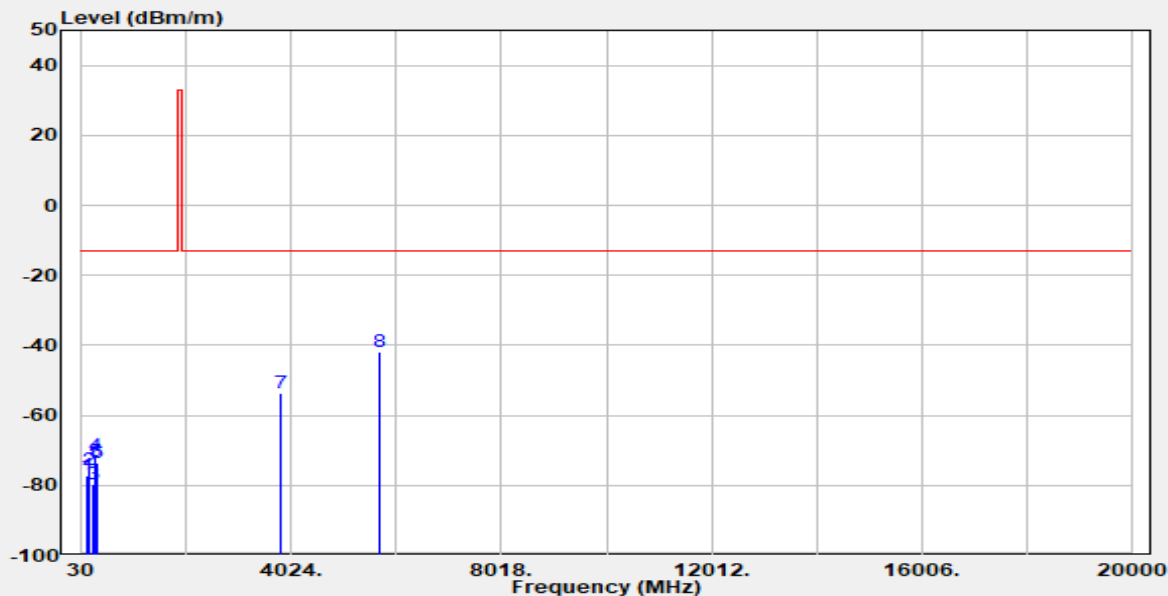
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
67.87	-74.99	-65.89	-7.59	-1.51	-13.00	-61.99
135.84	-78.37	-74.48	-1.76	-2.13	-13.00	-65.37
228.08	-77.02	-79.09	4.83	-2.76	-13.00	-64.02
270.80	-69.67	-70.44	3.79	-3.01	-13.00	-56.67
297.99	-70.11	-70.76	3.80	-3.15	-13.00	-57.11
325.18	-72.23	-72.85	3.92	-3.30	-13.00	-59.23
3810.00	-54.47	-55.43	12.48	-11.52	-13.00	-41.47
5715.00	-34.90	-33.73	13.10	-14.27	-13.00	-21.90

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B25  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1905 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.25	-73.36	-1.76	-2.13	-13.00	-64.25
164.97	-75.66	-72.83	-0.48	-2.35	-13.00	-62.66
242.64	-79.56	-80.38	3.67	-2.85	-13.00	-66.56
270.80	-71.52	-72.29	3.79	-3.01	-13.00	-58.52
297.99	-73.18	-73.84	3.80	-3.15	-13.00	-60.18
325.18	-73.69	-74.32	3.92	-3.30	-13.00	-60.69
3810.00	-53.79	-54.76	12.48	-11.52	-13.00	-40.79
5715.00	-41.92	-40.75	13.10	-14.27	-13.00	-28.92

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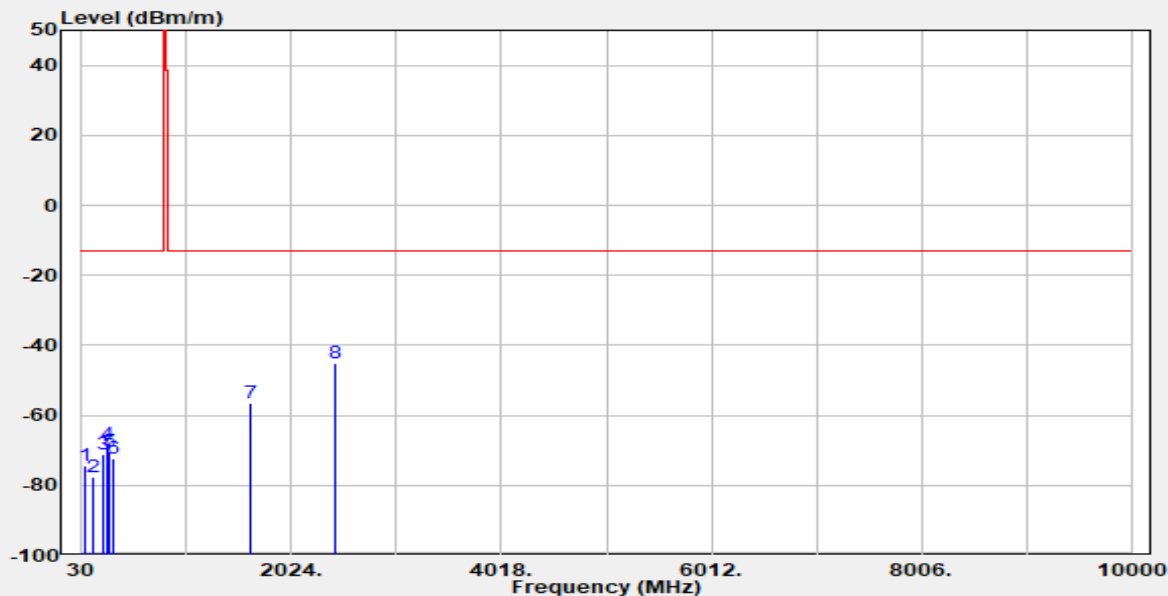
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26\_Part 90S  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :815.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
67.87	-74.54	-65.45	-7.59	-1.51	-13.00	-61.54
135.84	-77.75	-73.86	-1.76	-2.13	-13.00	-64.75
239.73	-71.00	-71.87	3.70	-2.83	-13.00	-58.00
270.80	-68.29	-69.07	3.79	-3.01	-13.00	-55.29
297.99	-70.31	-70.96	3.80	-3.15	-13.00	-57.31
325.18	-72.21	-72.83	3.92	-3.30	-13.00	-59.21
1631.00	-56.42	-58.40	9.40	-7.41	-13.00	-43.42
2446.50	-45.03	-46.26	10.40	-9.17	-13.00	-32.03

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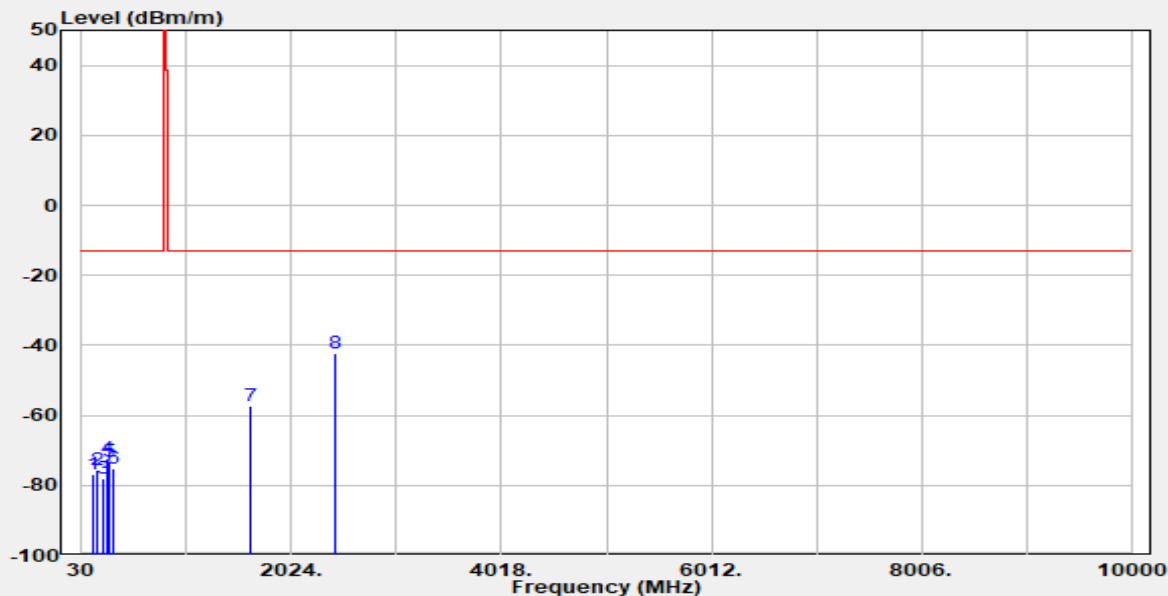
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26\_Part 90S  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :815.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.97	-73.08	-1.76	-2.13	-13.00	-63.97
166.91	-75.48	-72.64	-0.47	-2.37	-13.00	-62.48
241.67	-78.07	-78.90	3.67	-2.84	-13.00	-65.07
270.80	-72.50	-73.27	3.79	-3.01	-13.00	-59.50
297.99	-73.06	-73.71	3.80	-3.15	-13.00	-60.06
325.18	-75.12	-75.74	3.92	-3.30	-13.00	-62.12
1631.00	-57.52	-59.50	9.40	-7.41	-13.00	-44.52
2446.50	-42.44	-43.67	10.40	-9.17	-13.00	-29.44

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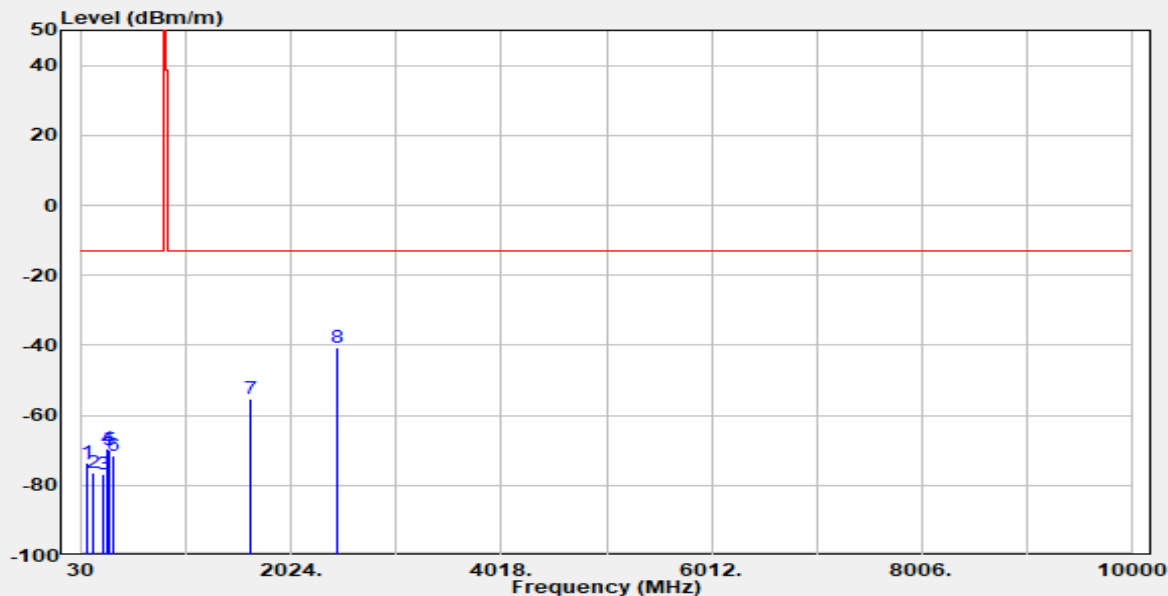
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26\_Part 90S  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :819 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
71.75	-73.43	-65.66	-6.22	-1.55	-13.00	-60.43
135.84	-76.43	-72.54	-1.76	-2.13	-13.00	-63.43
230.02	-76.72	-78.66	4.71	-2.77	-13.00	-63.72
270.80	-69.56	-70.33	3.79	-3.01	-13.00	-56.56
297.99	-69.95	-70.60	3.80	-3.15	-13.00	-56.95
325.18	-71.53	-72.15	3.92	-3.30	-13.00	-58.53
1638.00	-55.32	-57.29	9.40	-7.43	-13.00	-42.32
2457.00	-40.49	-41.77	10.47	-9.19	-13.00	-27.49

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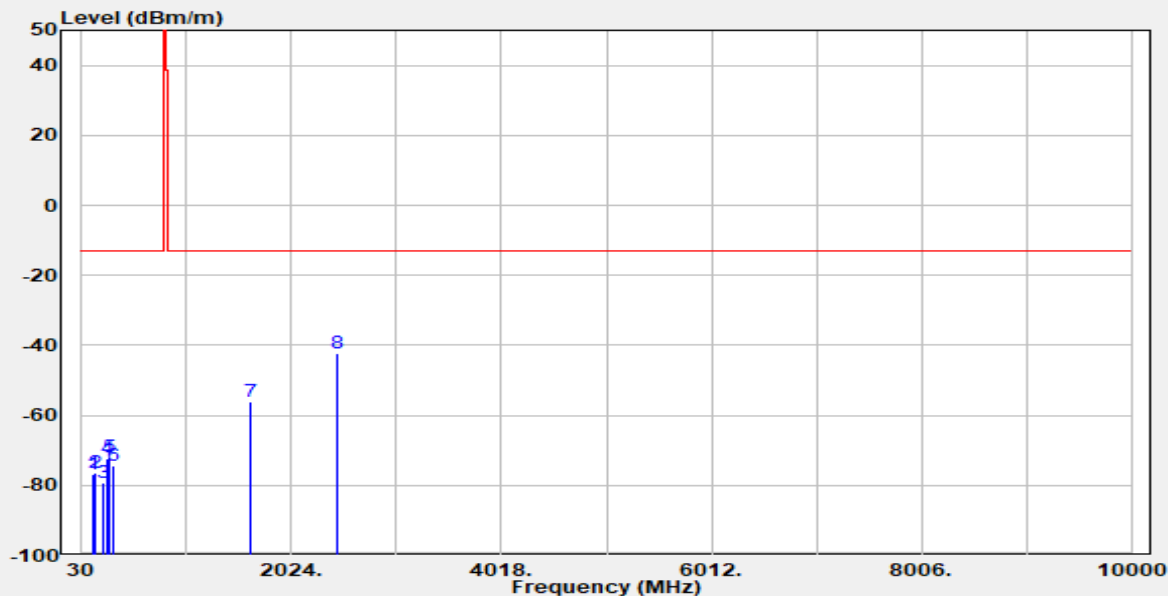
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26\_Part 90S  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :819 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.96	-73.07	-1.76	-2.13	-13.00	-63.96
155.26	-76.42	-72.67	-1.47	-2.28	-13.00	-63.42
232.93	-79.07	-80.58	4.29	-2.79	-13.00	-66.07
270.80	-72.20	-72.97	3.79	-3.01	-13.00	-59.20
297.99	-72.13	-72.79	3.80	-3.15	-13.00	-59.13
325.18	-74.23	-74.85	3.92	-3.30	-13.00	-61.23
1638.00	-55.98	-57.95	9.40	-7.43	-13.00	-42.98
2457.00	-42.19	-43.46	10.47	-9.19	-13.00	-29.19

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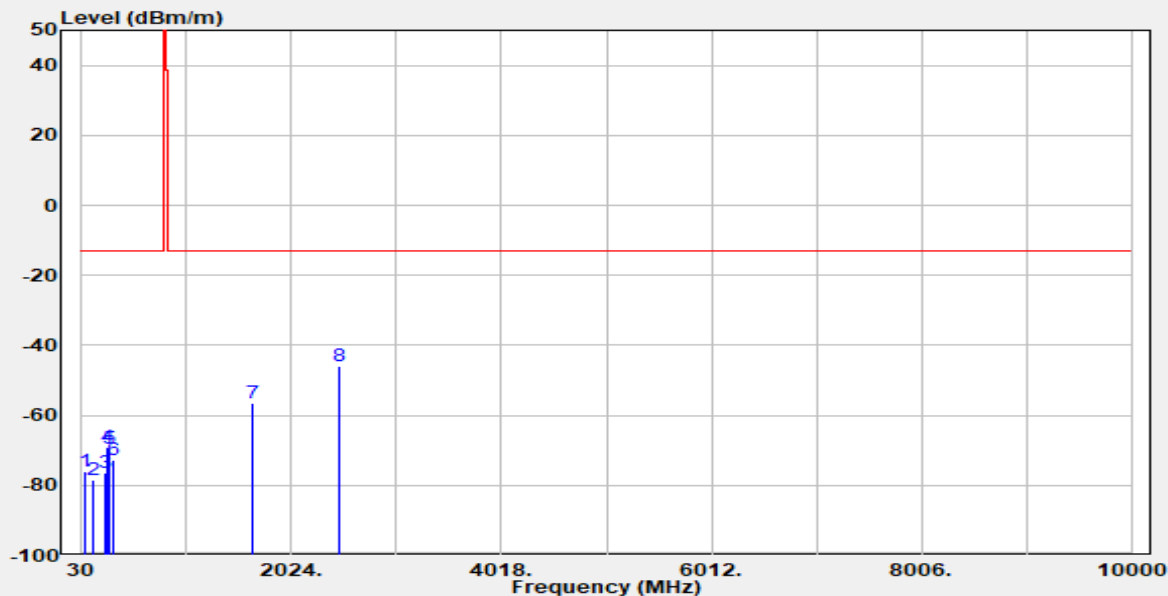
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Report Number :TERF2412003863ER  
Operation Mode :LTE B26\_Part 90S  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :822.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



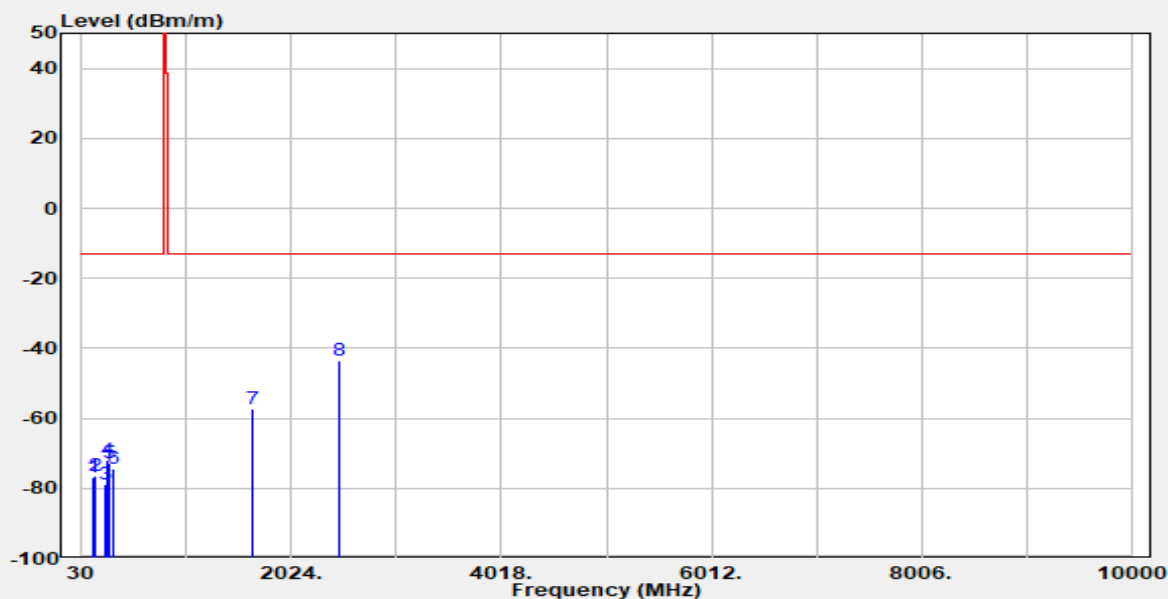
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
65.93	-75.83	-66.57	-7.78	-1.49	-13.00	-62.83
135.84	-78.29	-74.40	-1.76	-2.13	-13.00	-65.29
243.61	-76.43	-77.25	3.67	-2.85	-13.00	-63.43
270.80	-69.15	-69.93	3.79	-3.01	-13.00	-56.15
297.99	-69.69	-70.34	3.80	-3.15	-13.00	-56.69
325.18	-72.72	-73.34	3.92	-3.30	-13.00	-59.72
1645.00	-56.42	-58.42	9.45	-7.45	-13.00	-43.42
2467.50	-46.03	-47.39	10.58	-9.21	-13.00	-33.03

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26\_Part 90S  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :822.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.99	-73.10	-1.76	-2.13	-13.00	-63.99
163.99	-76.57	-73.51	-0.72	-2.34	-13.00	-63.57
243.61	-78.80	-79.61	3.67	-2.85	-13.00	-65.80
270.80	-72.00	-72.77	3.79	-3.01	-13.00	-59.00
297.99	-72.79	-73.45	3.80	-3.15	-13.00	-59.79
325.18	-74.50	-75.13	3.92	-3.30	-13.00	-61.50
1645.00	-57.52	-59.52	9.45	-7.45	-13.00	-44.52
2467.50	-43.44	-44.81	10.58	-9.21	-13.00	-30.44

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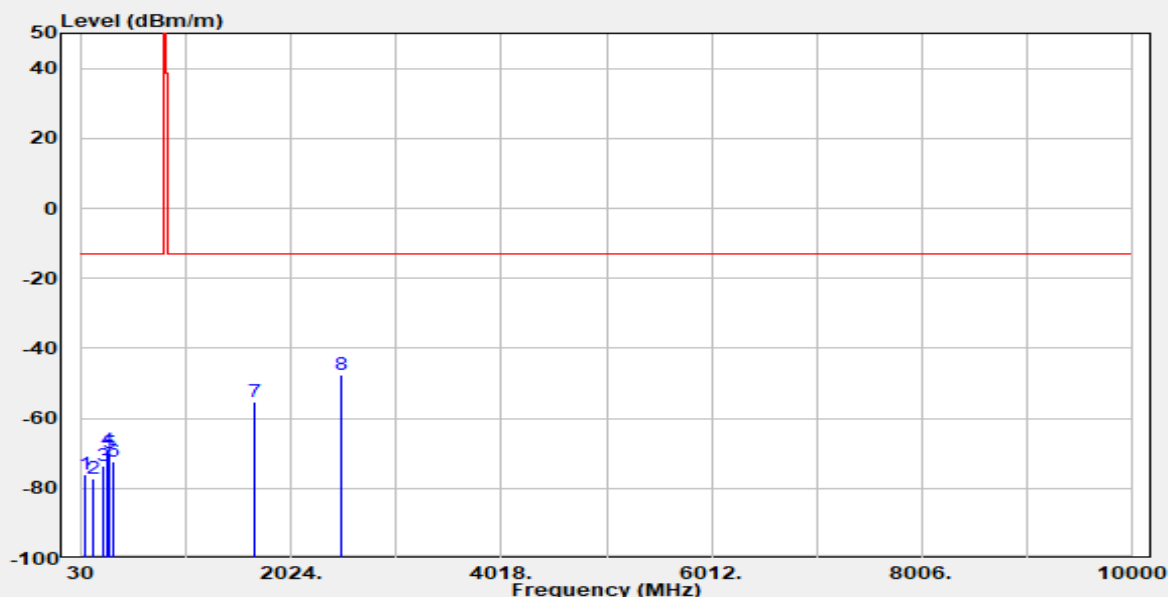
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :831.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



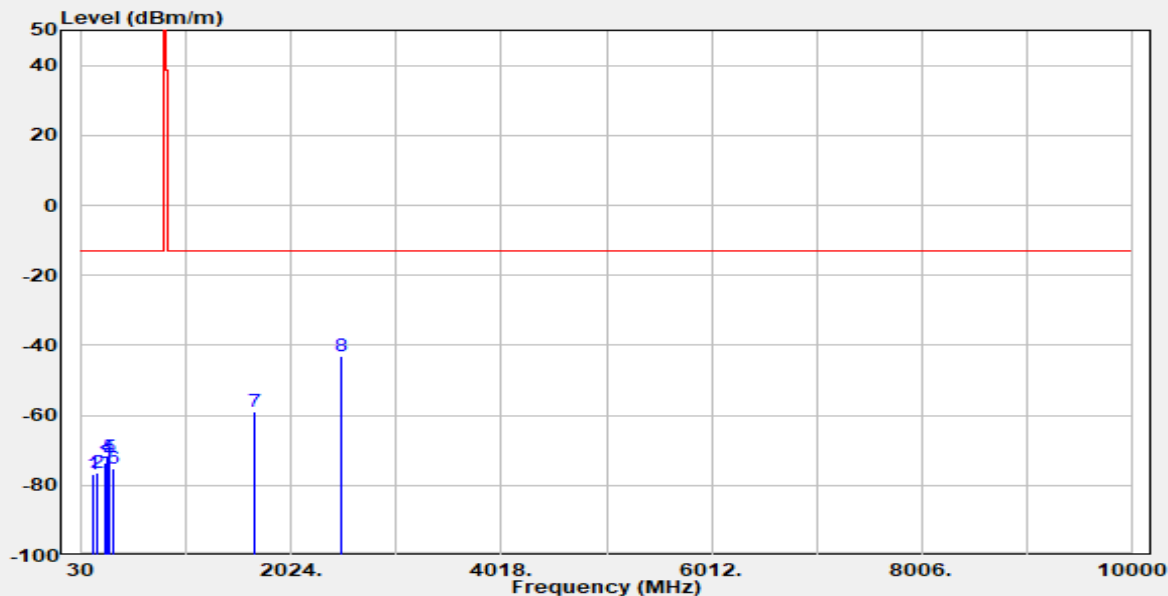
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
69.81	-75.99	-67.79	-6.68	-1.53	-13.00	-62.99
135.84	-77.22	-73.33	-1.76	-2.13	-13.00	-64.22
237.79	-73.51	-74.52	3.82	-2.82	-13.00	-60.51
270.80	-69.13	-69.90	3.79	-3.01	-13.00	-56.13
297.99	-70.08	-70.74	3.80	-3.15	-13.00	-57.08
325.18	-72.49	-73.11	3.92	-3.30	-13.00	-59.49
1663.00	-55.35	-57.49	9.63	-7.49	-13.00	-42.35
2494.50	-47.39	-48.67	10.55	-9.26	-13.00	-34.39

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :831.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.88	-72.99	-1.76	-2.13	-13.00	-63.88
166.91	-76.30	-73.46	-0.47	-2.37	-13.00	-63.30
252.35	-73.48	-74.24	3.67	-2.91	-13.00	-60.48
270.80	-71.83	-72.61	3.79	-3.01	-13.00	-58.83
297.99	-71.97	-72.63	3.80	-3.15	-13.00	-58.97
325.18	-75.03	-75.65	3.92	-3.30	-13.00	-62.03
1663.00	-58.81	-60.95	9.63	-7.49	-13.00	-45.81
2494.50	-43.24	-44.52	10.55	-9.26	-13.00	-30.24

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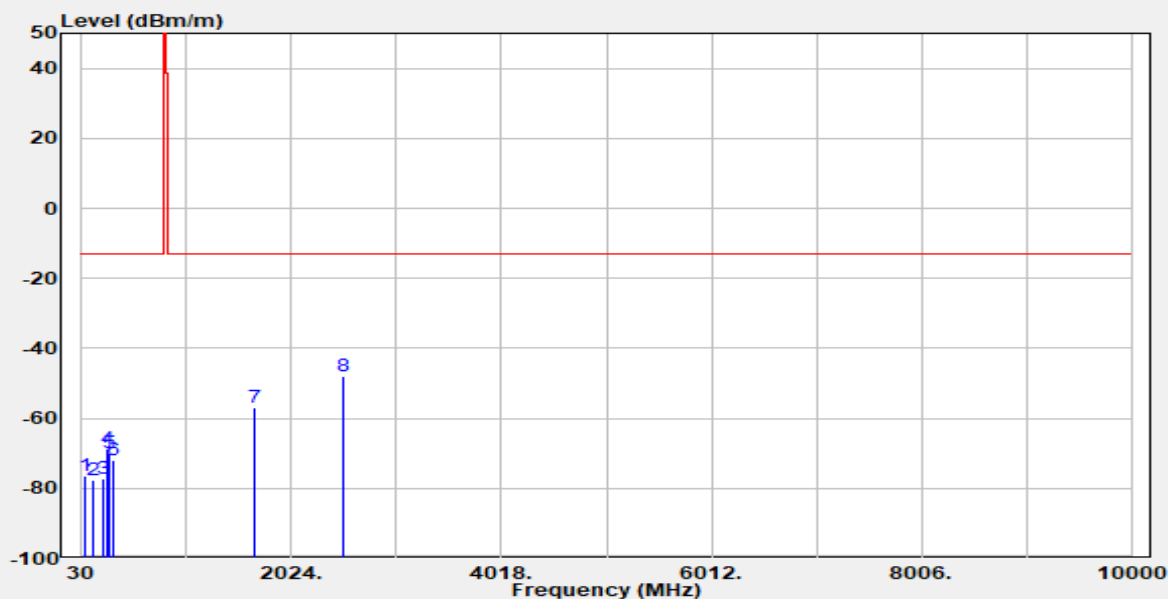
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :836.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



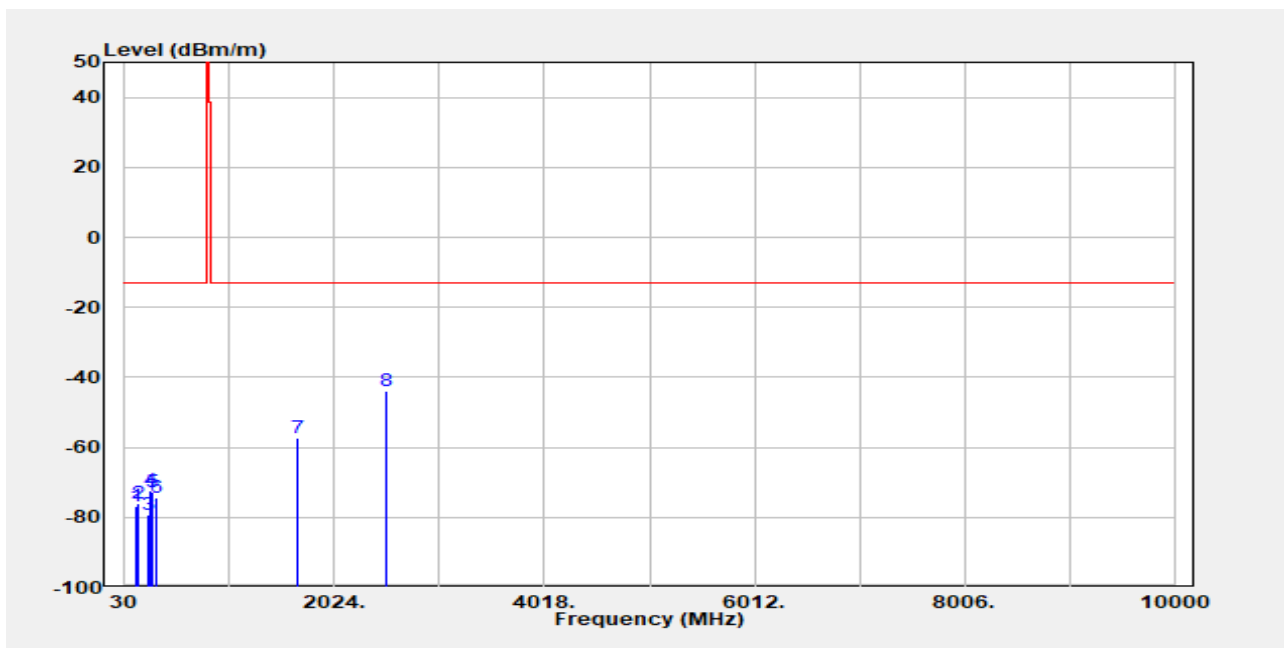
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-76.33	-67.13	-7.70	-1.50	-13.00	-63.33
135.84	-77.52	-73.63	-1.76	-2.13	-13.00	-64.52
228.08	-77.25	-79.32	4.83	-2.76	-13.00	-64.25
270.80	-68.79	-69.56	3.79	-3.01	-13.00	-55.79
297.99	-69.72	-70.38	3.80	-3.15	-13.00	-56.72
325.18	-71.80	-72.42	3.92	-3.30	-13.00	-58.80
1673.00	-56.75	-58.97	9.73	-7.52	-13.00	-43.75
2509.50	-47.93	-49.34	10.69	-9.29	-13.00	-34.93

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B26  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :836.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.87	-72.98	-1.76	-2.13	-13.00	-63.87
155.26	-75.86	-72.12	-1.47	-2.28	-13.00	-62.86
243.61	-79.22	-80.04	3.67	-2.85	-13.00	-66.22
270.80	-72.30	-73.08	3.79	-3.01	-13.00	-59.30
297.99	-72.58	-73.24	3.80	-3.15	-13.00	-59.58
325.18	-74.28	-74.90	3.92	-3.30	-13.00	-61.28
1673.00	-57.32	-59.53	9.73	-7.52	-13.00	-44.32
2509.50	-43.93	-45.34	10.69	-9.29	-13.00	-30.93

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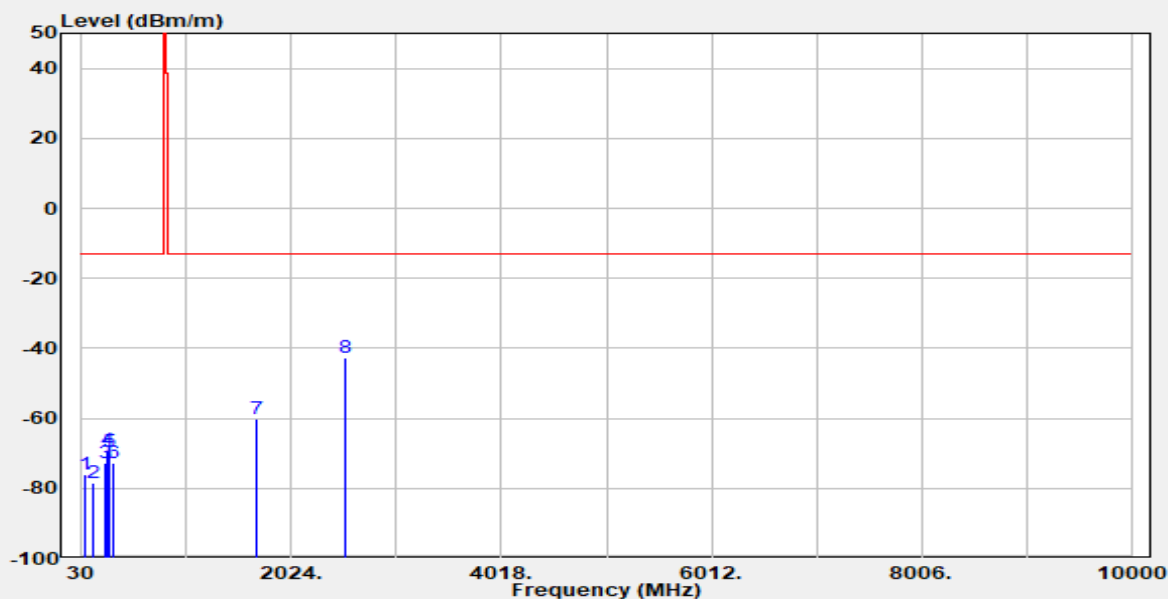
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Report Number :TERF2412003863ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :841.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



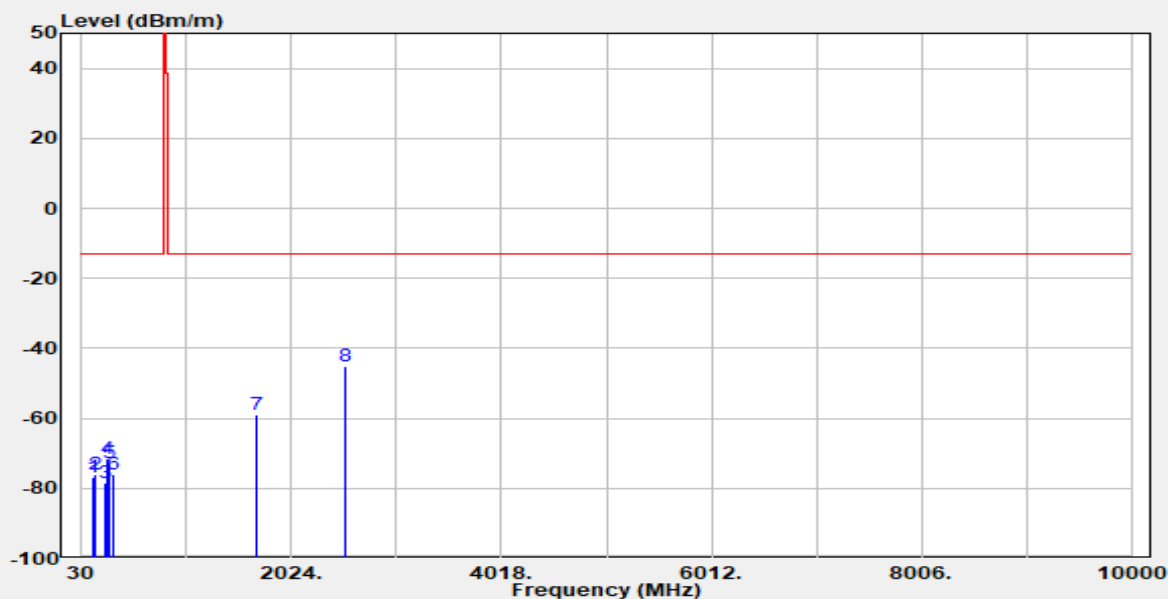
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-76.13	-66.93	-7.70	-1.50	-13.00	-63.13
135.84	-78.26	-74.37	-1.76	-2.13	-13.00	-65.26
246.53	-72.63	-73.41	3.65	-2.87	-13.00	-59.63
270.80	-69.04	-69.82	3.79	-3.01	-13.00	-56.04
297.99	-69.53	-70.19	3.80	-3.15	-13.00	-56.53
325.18	-72.68	-73.30	3.92	-3.30	-13.00	-59.68
1683.00	-60.11	-62.40	9.83	-7.54	-13.00	-47.11
2524.50	-42.50	-43.73	10.56	-9.32	-13.00	-29.50

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Report Number :TERF2412003863ER  
Operation Mode :LTE B26  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :841.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



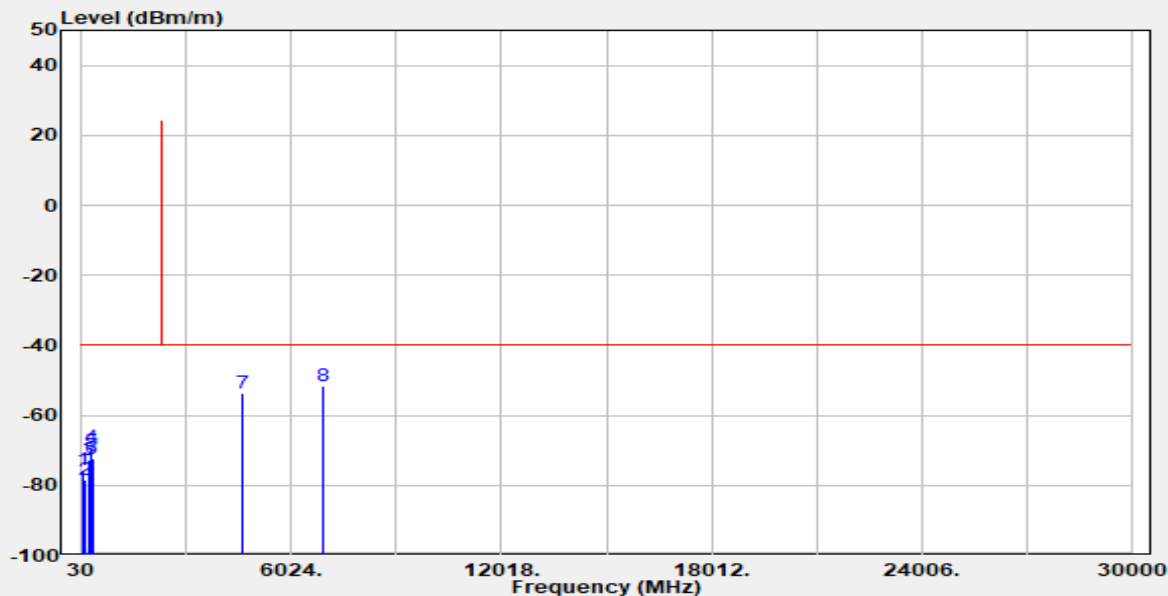
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	dBm	dB
		dBm	dBi/dBd	dB		
135.84	-76.85	-72.96	-1.76	-2.13	-13.00	-63.85
157.20	-75.83	-72.35	-1.19	-2.29	-13.00	-62.83
255.27	-78.26	-79.05	3.72	-2.93	-13.00	-65.26
270.80	-71.56	-72.33	3.79	-3.01	-13.00	-58.56
297.99	-72.82	-73.48	3.80	-3.15	-13.00	-59.82
325.18	-75.90	-76.52	3.92	-3.30	-13.00	-62.90
1683.00	-59.09	-61.38	9.83	-7.54	-13.00	-46.09
2524.50	-45.21	-46.44	10.56	-9.32	-13.00	-32.21

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B30  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2310 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
67.87	-75.49	-66.40	-7.59	-1.51	-40.00	-35.49
135.84	-78.41	-74.52	-1.76	-2.13	-40.00	-38.41
231.96	-72.92	-74.57	4.43	-2.78	-40.00	-32.92
270.80	-69.04	-69.82	3.79	-3.01	-40.00	-29.04
297.99	-70.20	-70.85	3.80	-3.15	-40.00	-30.20
325.18	-72.50	-73.12	3.92	-3.30	-40.00	-32.50
4620.00	-53.76	-53.44	12.42	-12.74	-40.00	-13.76
6930.00	-51.78	-47.78	11.78	-15.78	-40.00	-11.78

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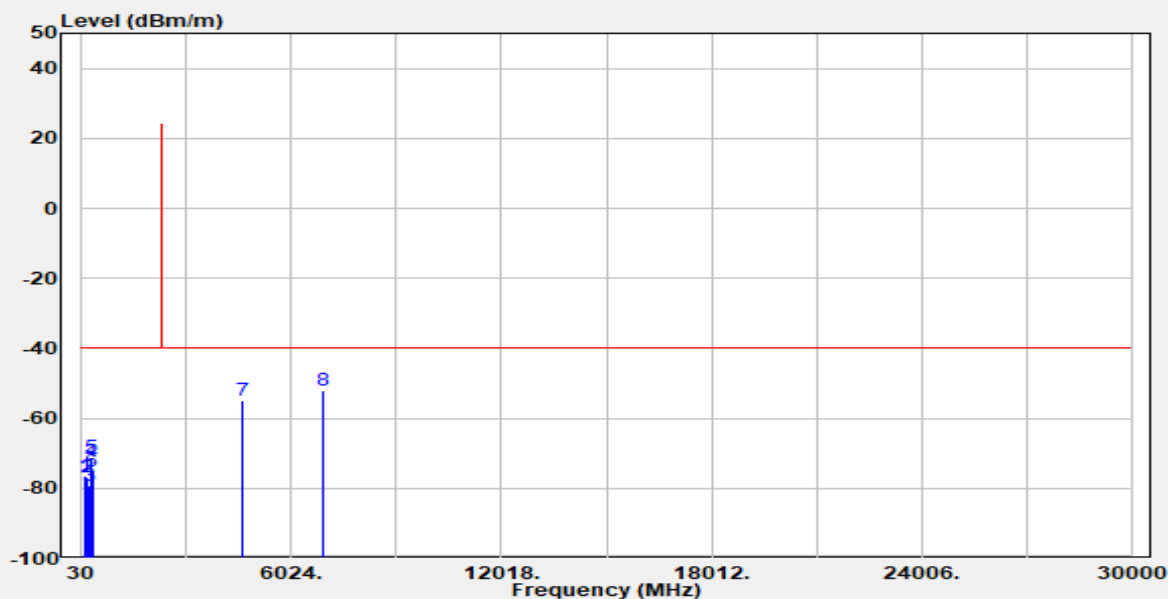
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B30  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2310 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



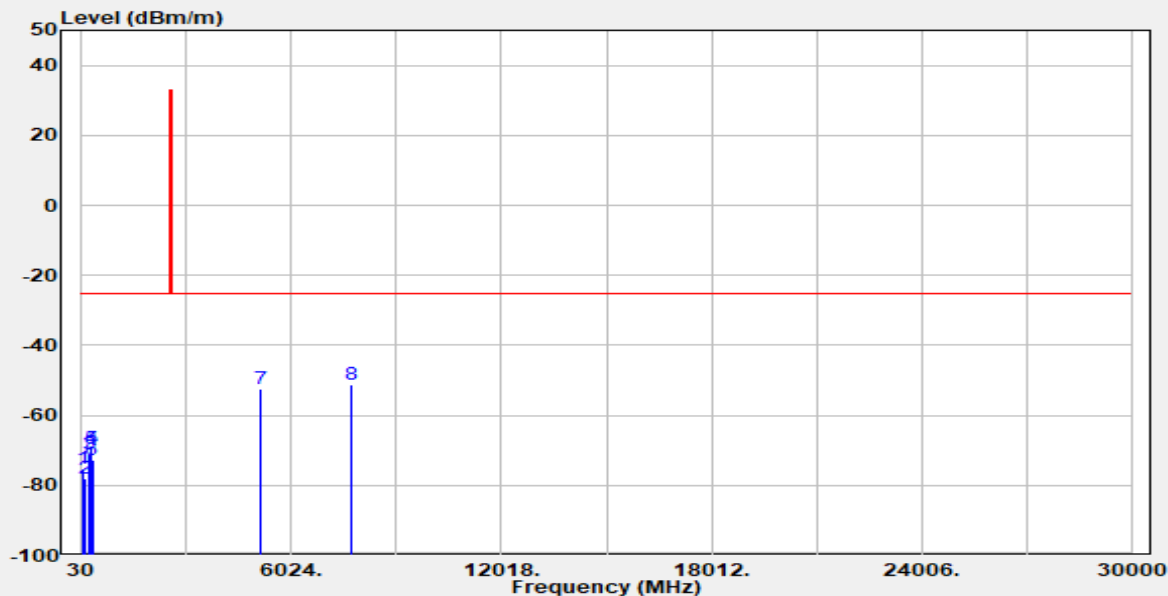
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-76.34	-72.45	-1.76	-2.13	-40.00	-36.34
165.94	-76.85	-73.97	-0.52	-2.36	-40.00	-36.85
243.61	-79.15	-79.96	3.67	-2.85	-40.00	-39.15
270.80	-72.22	-72.99	3.79	-3.01	-40.00	-32.22
297.99	-71.25	-71.90	3.80	-3.15	-40.00	-31.25
325.18	-75.25	-75.87	3.92	-3.30	-40.00	-35.25
4620.00	-54.71	-54.39	12.42	-12.74	-40.00	-14.71
6930.00	-52.07	-48.06	11.78	-15.78	-40.00	-12.07

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2580 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-75.33	-66.13	-7.70	-1.50	-25.00	-50.33
135.84	-77.86	-73.97	-1.76	-2.13	-25.00	-52.86
229.05	-70.98	-72.99	4.77	-2.76	-25.00	-45.98
270.80	-69.46	-70.23	3.79	-3.01	-25.00	-44.46
297.99	-69.47	-70.12	3.80	-3.15	-25.00	-44.47
325.18	-72.73	-73.35	3.92	-3.30	-25.00	-47.73
5160.00	-52.52	-51.43	12.44	-13.52	-25.00	-27.52
7740.00	-51.35	-46.05	11.42	-16.72	-25.00	-26.35

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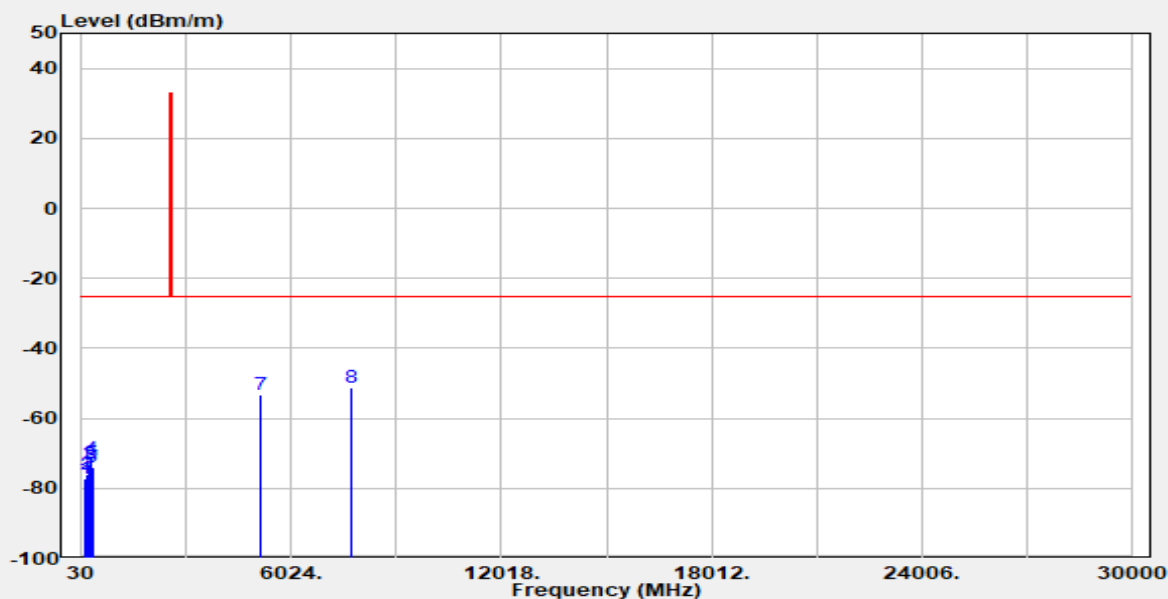
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2580 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.38	-73.49	-1.76	-2.13	-25.00	-52.38
155.26	-76.02	-72.27	-1.47	-2.28	-25.00	-51.02
249.44	-73.10	-73.86	3.64	-2.89	-25.00	-48.10
270.80	-71.68	-72.46	3.79	-3.01	-25.00	-46.68
297.99	-72.73	-73.38	3.80	-3.15	-25.00	-47.73
325.18	-74.16	-74.78	3.92	-3.30	-25.00	-49.16
5160.00	-53.41	-52.33	12.44	-13.52	-25.00	-28.41
7740.00	-51.36	-46.07	11.42	-16.72	-25.00	-26.36

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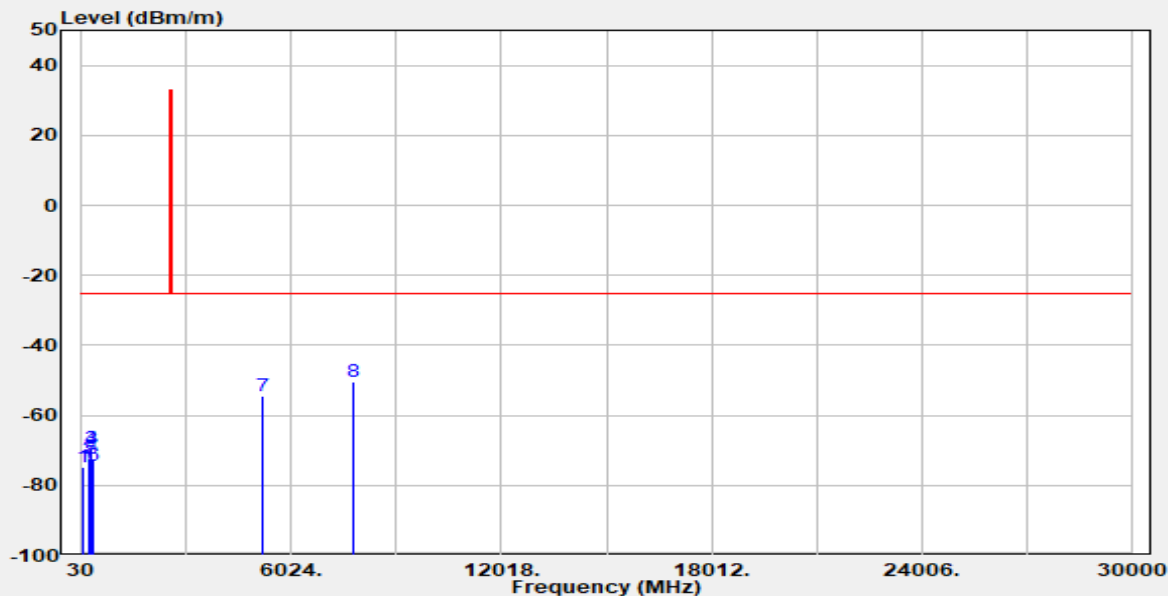
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2595 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
67.87	-74.89	-65.80	-7.59	-1.51	-25.00	-49.89
245.56	-72.31	-73.11	3.66	-2.86	-25.00	-47.31
270.80	-69.45	-70.22	3.79	-3.01	-25.00	-44.45
297.99	-69.65	-70.30	3.80	-3.15	-25.00	-44.65
325.18	-72.44	-73.07	3.92	-3.30	-25.00	-47.44
352.36	-74.29	-75.08	4.22	-3.42	-25.00	-49.29
5190.00	-54.32	-53.32	12.56	-13.57	-25.00	-29.32
7785.00	-50.23	-44.87	11.40	-16.76	-25.00	-25.23

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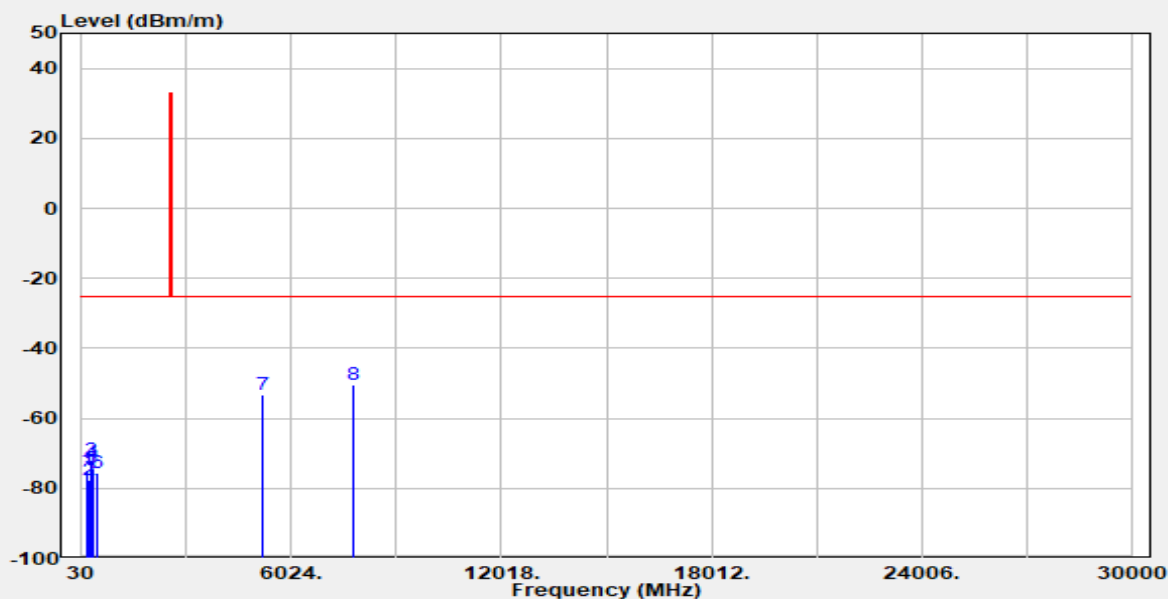
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Member of SGS Group

Report Number :TERF2412003863ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2595 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
153.31	-74.71	-71.00	-1.44	-2.26	-25.00	-49.71
236.82	-77.79	-78.86	3.88	-2.81	-25.00	-52.79
270.80	-72.09	-72.87	3.79	-3.01	-25.00	-47.09
297.99	-72.86	-73.51	3.80	-3.15	-25.00	-47.86
325.18	-74.44	-75.06	3.92	-3.30	-25.00	-49.44
474.71	-75.54	-75.56	4.00	-3.98	-25.00	-50.54
5190.00	-53.42	-52.42	12.56	-13.57	-25.00	-28.42
7785.00	-50.33	-44.97	11.40	-16.76	-25.00	-25.33

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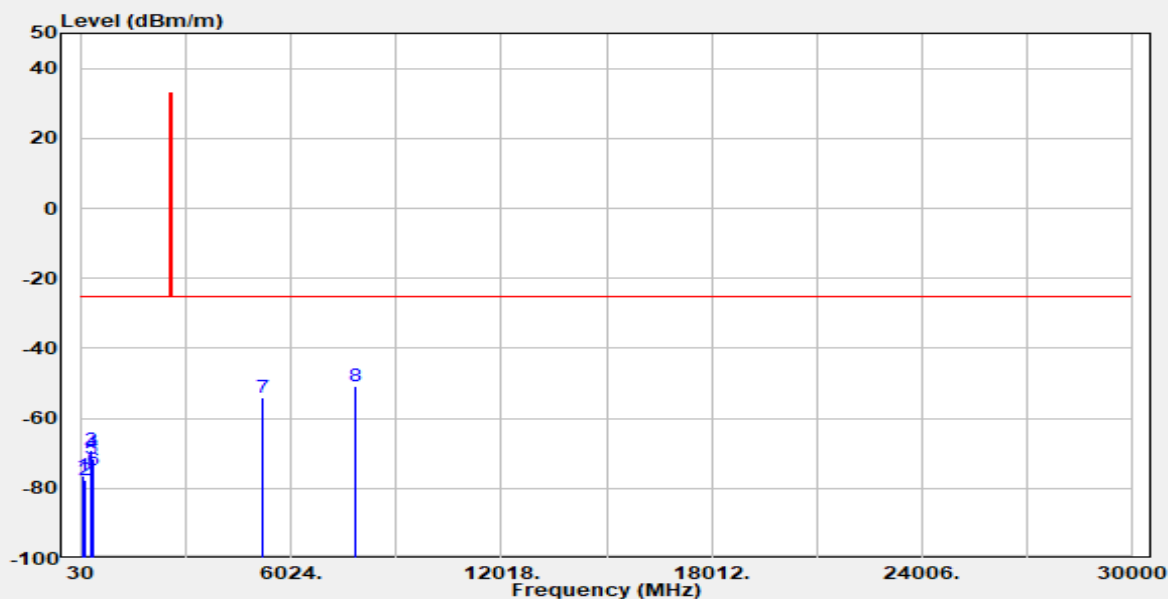
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2412003863ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2610 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-76.58	-67.38	-7.70	-1.50	-25.00	-51.58
135.84	-77.77	-73.88	-1.76	-2.13	-25.00	-52.77
270.80	-69.05	-69.83	3.79	-3.01	-25.00	-44.05
297.99	-69.79	-70.45	3.80	-3.15	-25.00	-44.79
325.18	-71.56	-72.18	3.92	-3.30	-25.00	-46.56
352.36	-74.76	-75.55	4.22	-3.42	-25.00	-49.76
5220.00	-54.12	-53.23	12.72	-13.61	-25.00	-29.12
7830.00	-51.00	-45.60	11.40	-16.80	-25.00	-26.00

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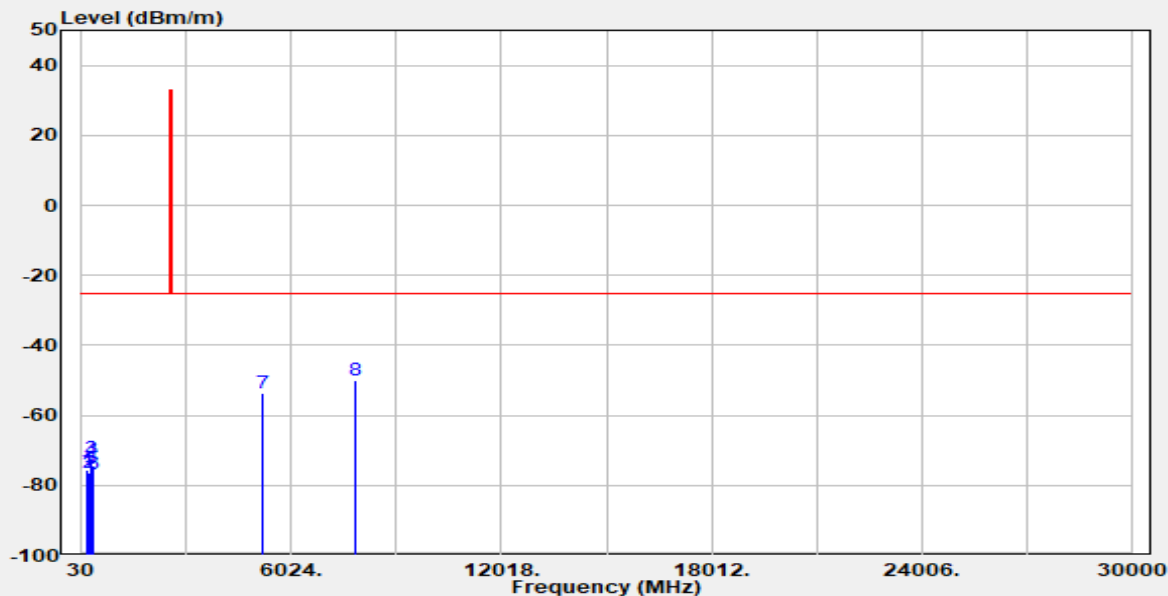
f (886-2) 2298-0488

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B38  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2610 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
162.05	-75.72	-72.57	-0.83	-2.33	-25.00	-50.72
241.67	-76.37	-77.20	3.67	-2.84	-25.00	-51.37
270.80	-72.30	-73.08	3.79	-3.01	-25.00	-47.30
297.99	-72.57	-73.23	3.80	-3.15	-25.00	-47.57
325.18	-75.20	-75.82	3.92	-3.30	-25.00	-50.20
378.58	-77.02	-77.47	4.00	-3.55	-25.00	-52.02
5220.00	-53.71	-52.82	12.72	-13.61	-25.00	-28.71
7830.00	-50.17	-44.77	11.40	-16.80	-25.00	-25.17

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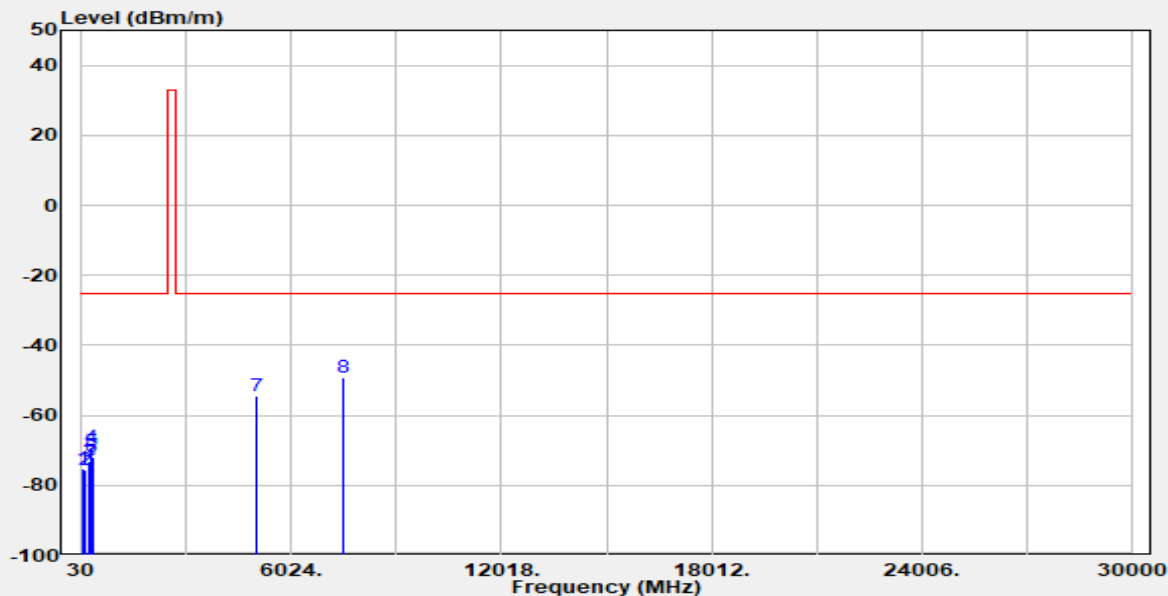
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2506 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
67.87	-75.11	-66.01	-7.59	-1.51	-25.00	-50.11
135.84	-75.76	-71.87	-1.76	-2.13	-25.00	-50.76
246.53	-73.16	-73.94	3.65	-2.87	-25.00	-48.16
270.80	-69.02	-69.80	3.79	-3.01	-25.00	-44.02
297.99	-70.32	-70.97	3.80	-3.15	-25.00	-45.32
325.18	-71.85	-72.47	3.92	-3.30	-25.00	-46.85
5012.00	-54.29	-53.38	12.40	-13.31	-25.00	-29.29
7518.00	-49.33	-43.92	11.04	-16.45	-25.00	-24.33

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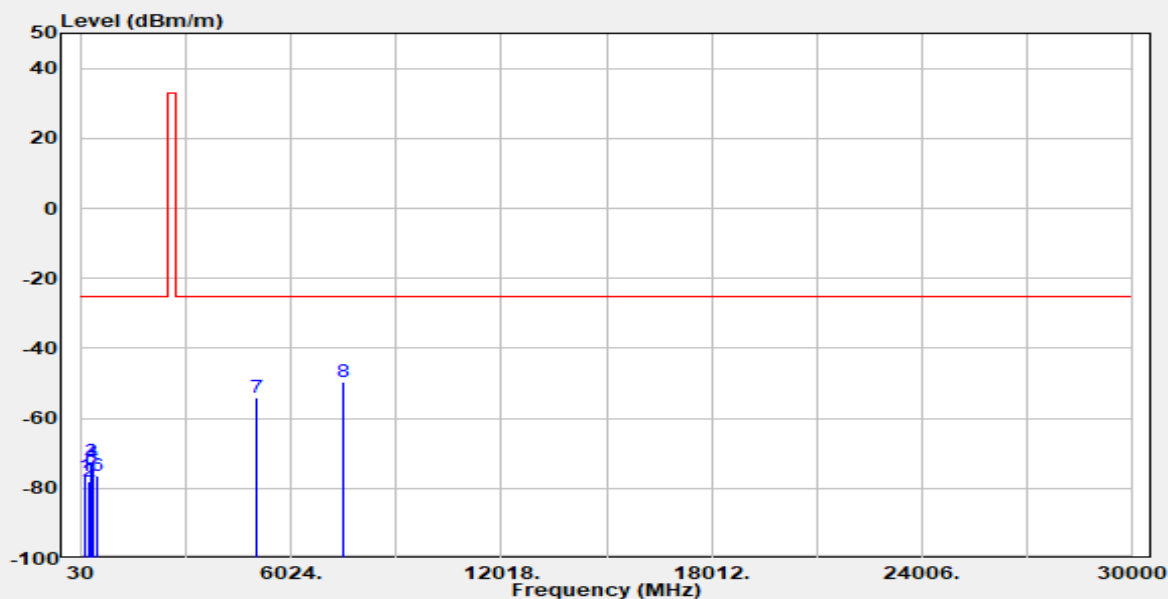
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2506 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



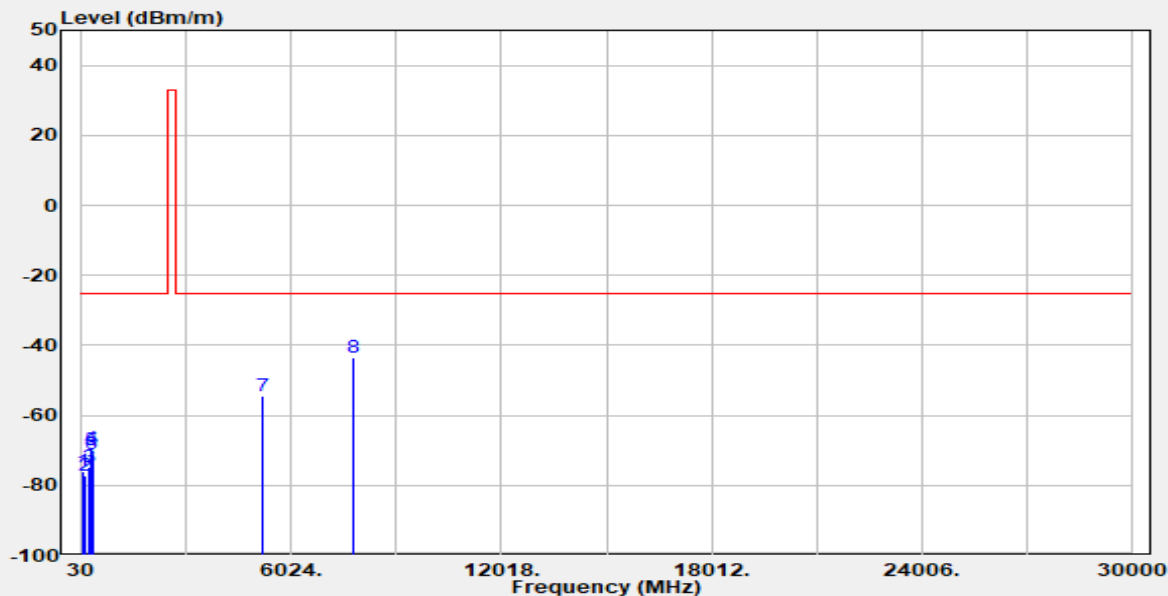
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
149.43	-76.58	-72.73	-1.62	-2.24	-25.00	-51.58
234.88	-78.21	-79.43	4.02	-2.80	-25.00	-53.21
270.80	-72.28	-73.05	3.79	-3.01	-25.00	-47.28
297.99	-72.67	-73.32	3.80	-3.15	-25.00	-47.67
325.18	-74.54	-75.16	3.92	-3.30	-25.00	-49.54
486.36	-76.41	-76.45	4.06	-4.03	-25.00	-51.41
5012.00	-54.26	-53.36	12.40	-13.31	-25.00	-29.26
7518.00	-49.41	-43.99	11.04	-16.45	-25.00	-24.41

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2593 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
65.93	-76.08	-66.82	-7.78	-1.49	-25.00	-51.08
135.84	-77.23	-73.34	-1.76	-2.13	-25.00	-52.23
244.59	-74.88	-75.69	3.66	-2.86	-25.00	-49.88
270.80	-69.48	-70.26	3.79	-3.01	-25.00	-44.48
297.99	-69.89	-70.54	3.80	-3.15	-25.00	-44.89
325.18	-71.06	-71.69	3.92	-3.30	-25.00	-46.06
5186.00	-54.61	-53.59	12.54	-13.56	-25.00	-29.61
7779.00	-43.39	-38.04	11.40	-16.75	-25.00	-18.39

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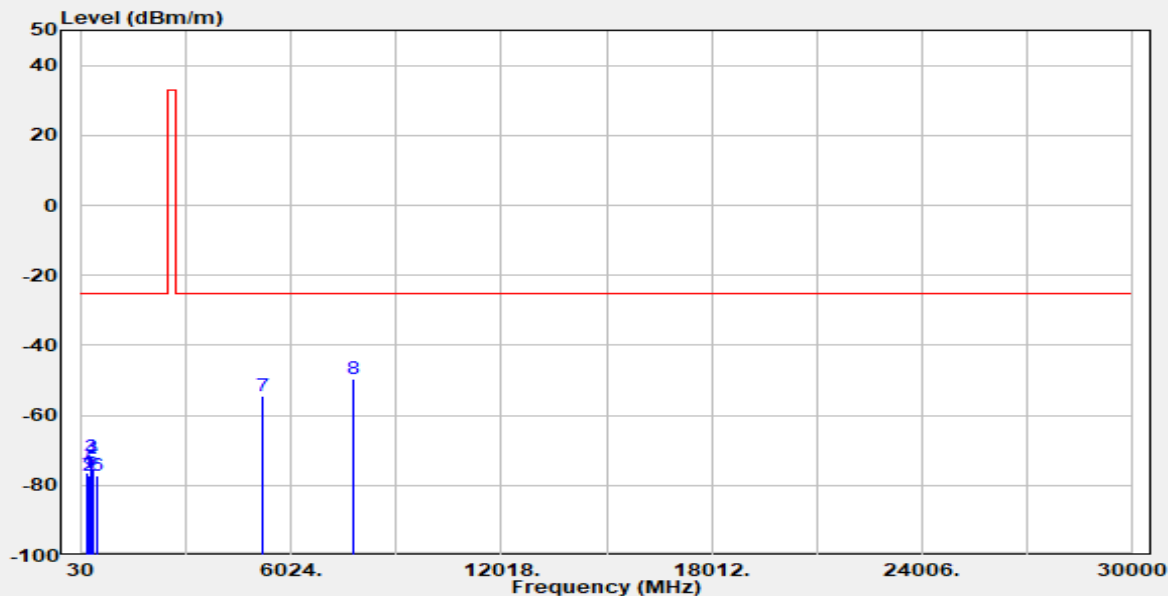
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2593 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



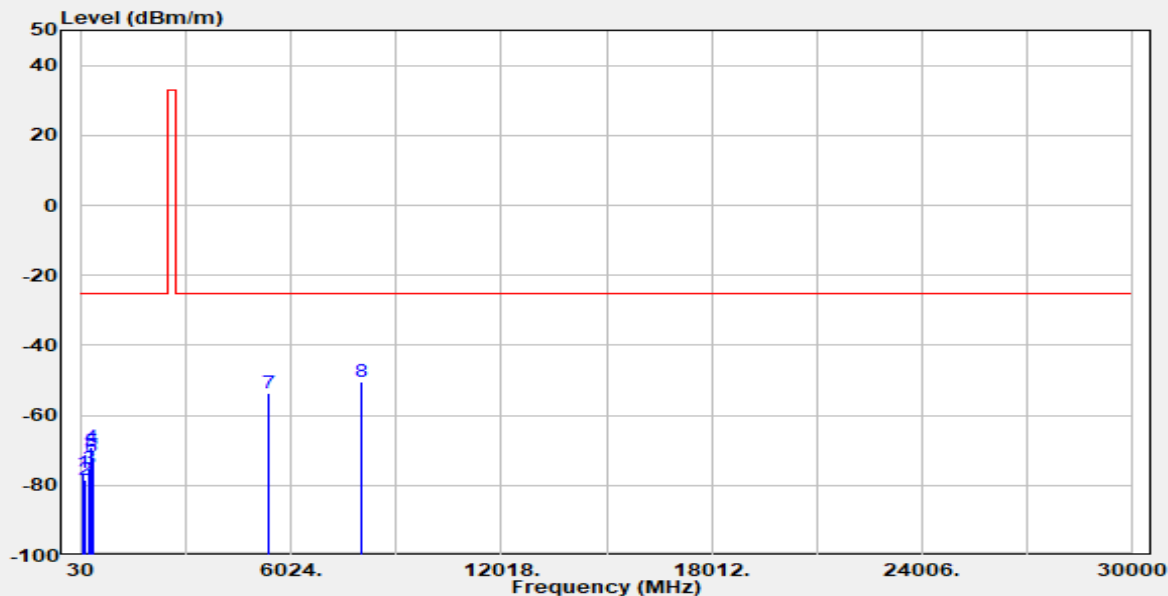
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
154.28	-76.43	-72.68	-1.48	-2.27	-25.00	-51.43
239.73	-77.36	-78.22	3.70	-2.83	-25.00	-52.36
270.80	-71.94	-72.71	3.79	-3.01	-25.00	-46.94
297.99	-72.17	-72.83	3.80	-3.15	-25.00	-47.17
325.18	-75.45	-76.07	3.92	-3.30	-25.00	-50.45
455.29	-77.14	-77.08	3.84	-3.89	-25.00	-52.14
5186.00	-54.40	-53.39	12.54	-13.56	-25.00	-29.40
7779.00	-49.74	-44.38	11.40	-16.75	-25.00	-24.74

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2680 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



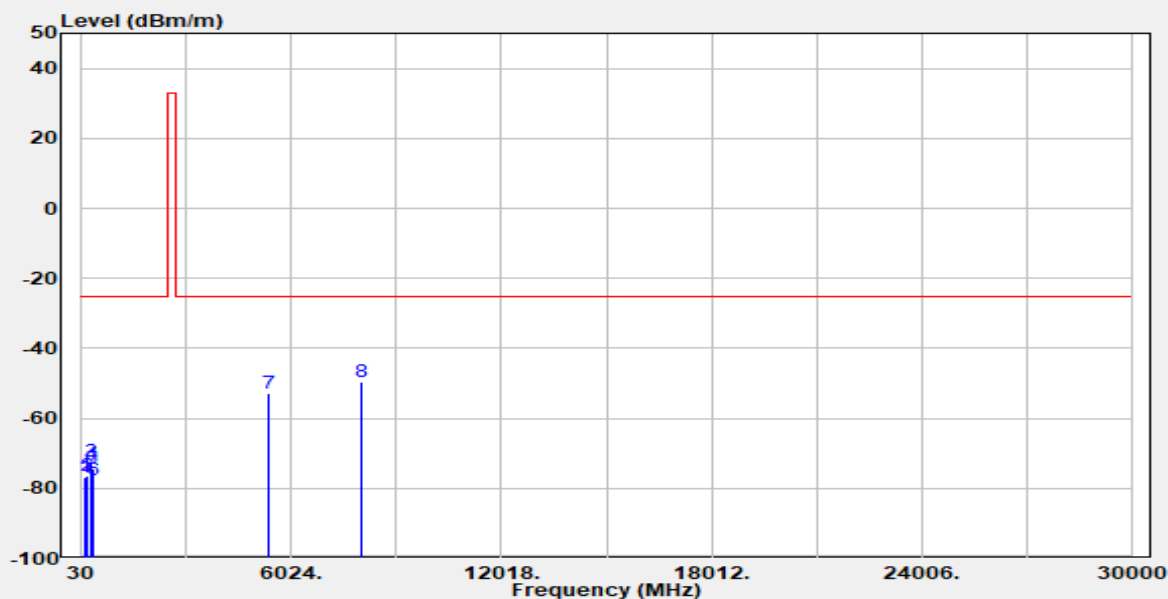
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-76.60	-67.40	-7.70	-1.50	-25.00	-51.60
135.84	-78.37	-74.47	-1.76	-2.13	-25.00	-53.37
241.67	-75.02	-75.85	3.67	-2.84	-25.00	-50.02
270.80	-68.93	-69.71	3.79	-3.01	-25.00	-43.93
297.99	-70.12	-70.78	3.80	-3.15	-25.00	-45.12
325.18	-72.09	-72.72	3.92	-3.30	-25.00	-47.09
5360.00	-53.64	-52.92	13.08	-13.79	-25.00	-28.64
8040.00	-50.21	-44.06	10.90	-17.05	-25.00	-25.21

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B41  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :2680 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-76.87	-72.97	-1.76	-2.13	-25.00	-51.87
167.88	-76.28	-73.58	-0.33	-2.37	-25.00	-51.28
270.80	-72.17	-72.94	3.79	-3.01	-25.00	-47.17
297.99	-73.31	-73.96	3.80	-3.15	-25.00	-48.31
325.18	-74.42	-75.04	3.92	-3.30	-25.00	-49.42
369.84	-77.51	-78.15	4.14	-3.51	-25.00	-52.51
5360.00	-52.80	-52.08	13.08	-13.79	-25.00	-27.80
8040.00	-49.52	-43.37	10.90	-17.05	-25.00	-24.52

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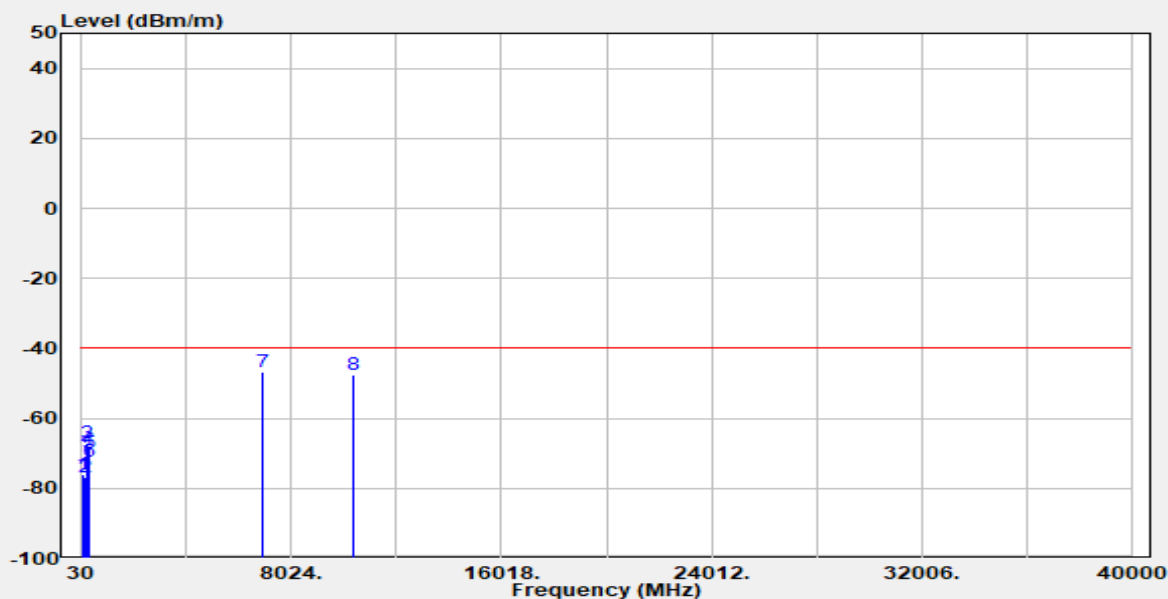
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B42  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :3452.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



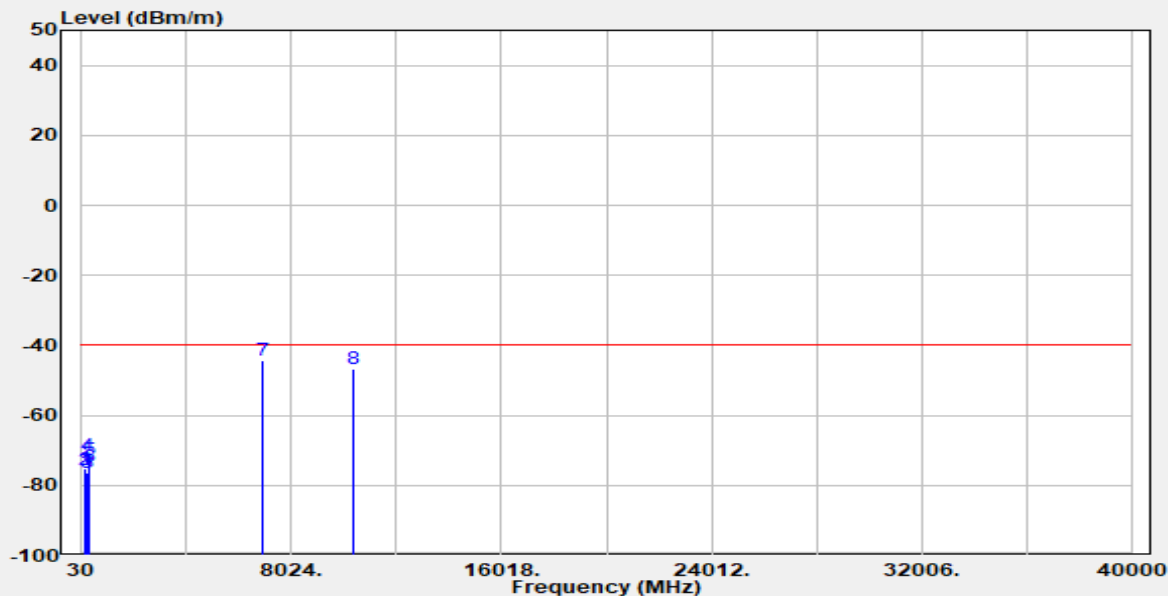
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
68.84	-76.18	-67.62	-7.04	-1.52	-40.00	-36.18
135.84	-76.79	-72.90	-1.76	-2.13	-40.00	-36.79
240.70	-66.98	-67.82	3.68	-2.83	-40.00	-26.98
270.80	-68.86	-69.64	3.79	-3.01	-40.00	-28.86
297.99	-70.04	-70.69	3.80	-3.15	-40.00	-30.04
325.18	-72.51	-73.13	3.92	-3.30	-40.00	-32.51
6905.00	-46.83	-42.96	11.88	-15.75	-40.00	-6.83
10357.50	-47.45	-39.43	11.40	-19.42	-40.00	-7.45

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B42  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :3452.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-75.17	-71.28	-1.76	-2.13	-40.00	-35.17
153.31	-75.45	-71.74	-1.44	-2.26	-40.00	-35.45
229.05	-76.40	-78.40	4.77	-2.76	-40.00	-36.40
270.80	-71.74	-72.51	3.79	-3.01	-40.00	-31.74
297.99	-72.61	-73.27	3.80	-3.15	-40.00	-32.61
325.18	-74.69	-75.32	3.92	-3.30	-40.00	-34.69
6905.00	-44.19	-40.33	11.88	-15.75	-40.00	-4.19
10357.50	-46.86	-38.84	11.40	-19.42	-40.00	-6.86

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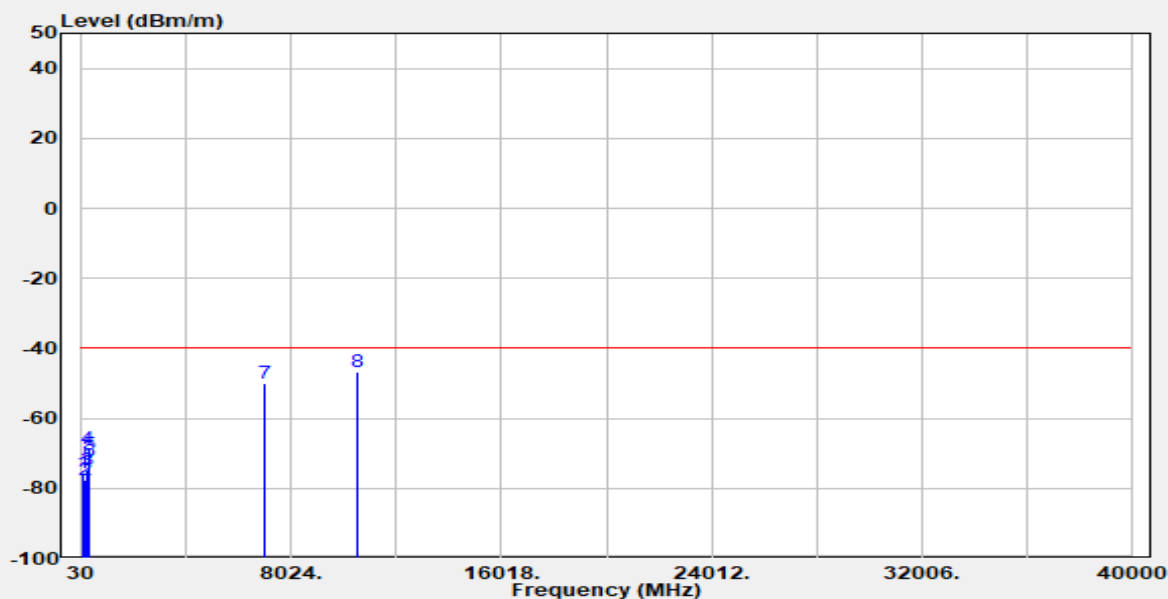
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B42  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :3500 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-75.79	-66.59	-7.70	-1.50	-40.00	-35.79
135.84	-77.59	-73.70	-1.76	-2.13	-40.00	-37.59
234.88	-75.00	-76.22	4.02	-2.80	-40.00	-35.00
270.80	-68.70	-69.47	3.79	-3.01	-40.00	-28.70
297.99	-70.26	-70.92	3.80	-3.15	-40.00	-30.26
325.18	-72.48	-73.10	3.92	-3.30	-40.00	-32.48
7000.00	-50.07	-45.60	11.40	-15.87	-40.00	-10.07
10500.00	-46.94	-38.76	11.40	-19.58	-40.00	-6.94

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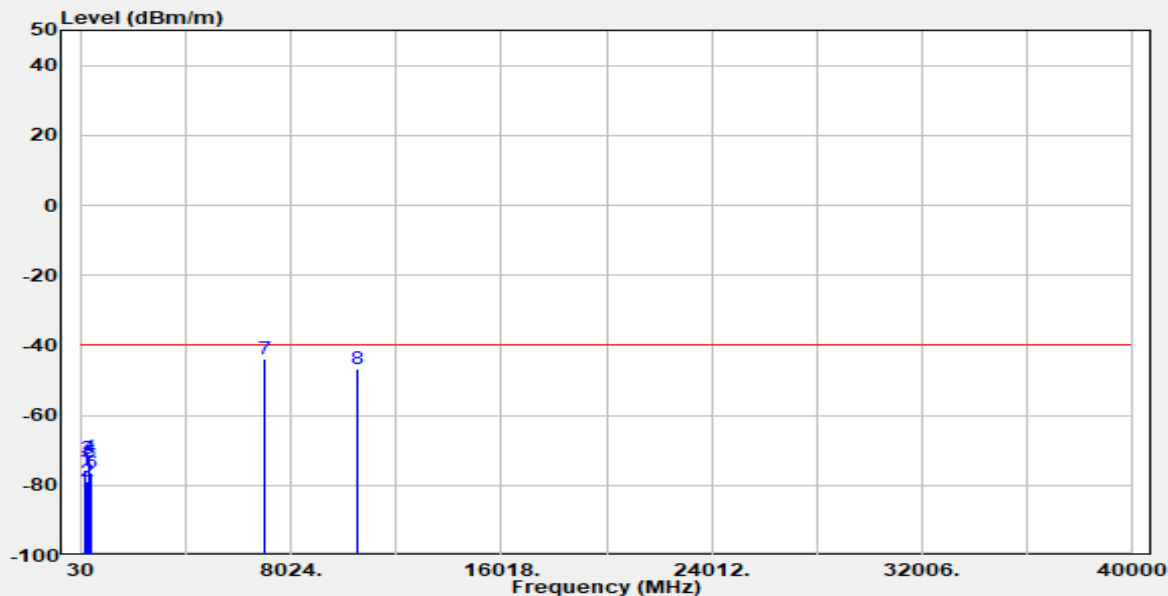
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B42  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :3500 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
151.37	-75.62	-71.75	-1.62	-2.25	-40.00	-35.62
232.93	-79.03	-80.53	4.29	-2.79	-40.00	-39.03
270.80	-72.19	-72.96	3.79	-3.01	-40.00	-32.19
297.99	-72.13	-72.78	3.80	-3.15	-40.00	-32.13
325.18	-73.71	-74.33	3.92	-3.30	-40.00	-33.71
352.36	-76.58	-77.37	4.22	-3.42	-40.00	-36.58
7000.00	-44.09	-39.62	11.40	-15.87	-40.00	-4.09
10500.00	-46.61	-38.43	11.40	-19.58	-40.00	-6.61

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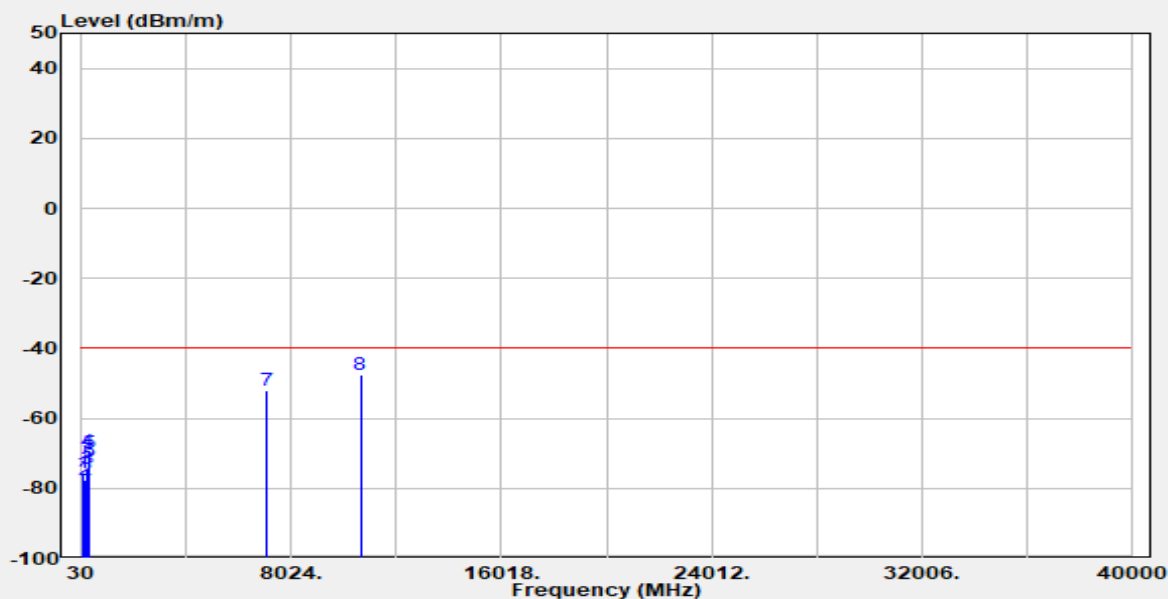
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Report Number :TERF2412003863ER  
Operation Mode :LTE B42  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :3547.5 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Vertical  
Engineer :Nick Lin



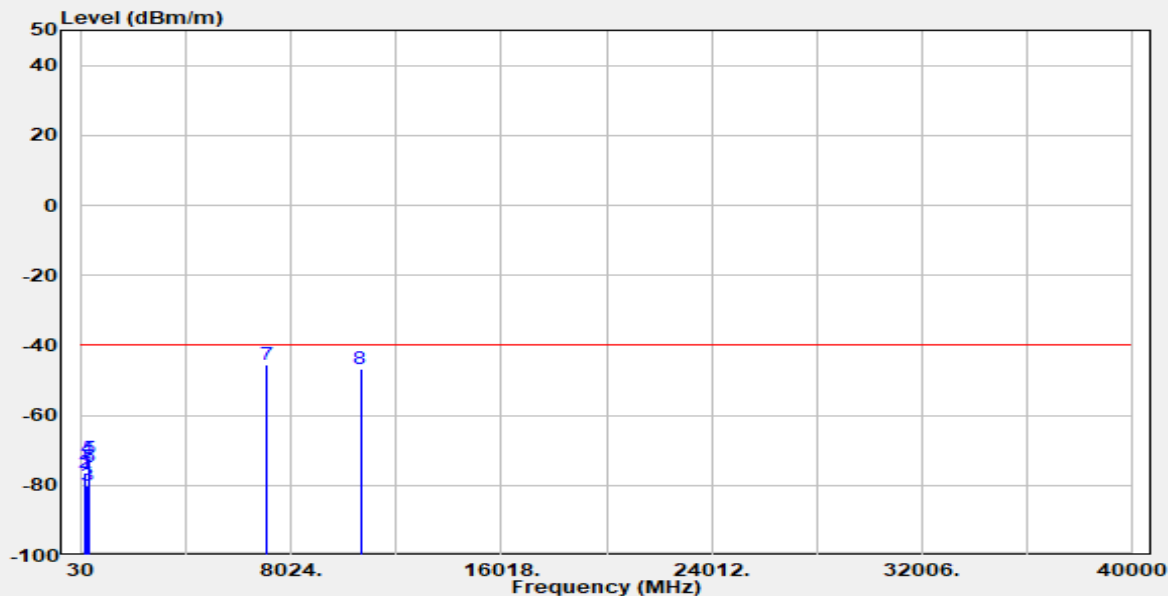
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
69.81	-75.44	-67.23	-6.68	-1.53	-40.00	-35.44
135.84	-77.47	-73.58	-1.76	-2.13	-40.00	-37.47
245.56	-74.23	-75.02	3.66	-2.86	-40.00	-34.23
270.80	-69.66	-70.43	3.79	-3.01	-40.00	-29.66
297.99	-69.94	-70.59	3.80	-3.15	-40.00	-29.94
325.18	-72.18	-72.80	3.92	-3.30	-40.00	-32.18
7095.00	-51.94	-46.98	11.02	-15.98	-40.00	-11.94
10642.50	-47.65	-39.36	11.38	-19.67	-40.00	-7.65

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B42  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :3547.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.62	-72.72	-1.76	-2.13	-40.00	-36.62
154.28	-76.31	-72.55	-1.48	-2.27	-40.00	-36.31
243.61	-80.15	-80.96	3.67	-2.85	-40.00	-40.15
270.80	-72.22	-72.99	3.79	-3.01	-40.00	-32.22
297.99	-72.20	-72.86	3.80	-3.15	-40.00	-32.20
325.18	-74.68	-75.30	3.92	-3.30	-40.00	-34.68
7095.00	-45.52	-40.55	11.02	-15.98	-40.00	-5.52
10642.50	-46.64	-38.36	11.38	-19.67	-40.00	-6.64

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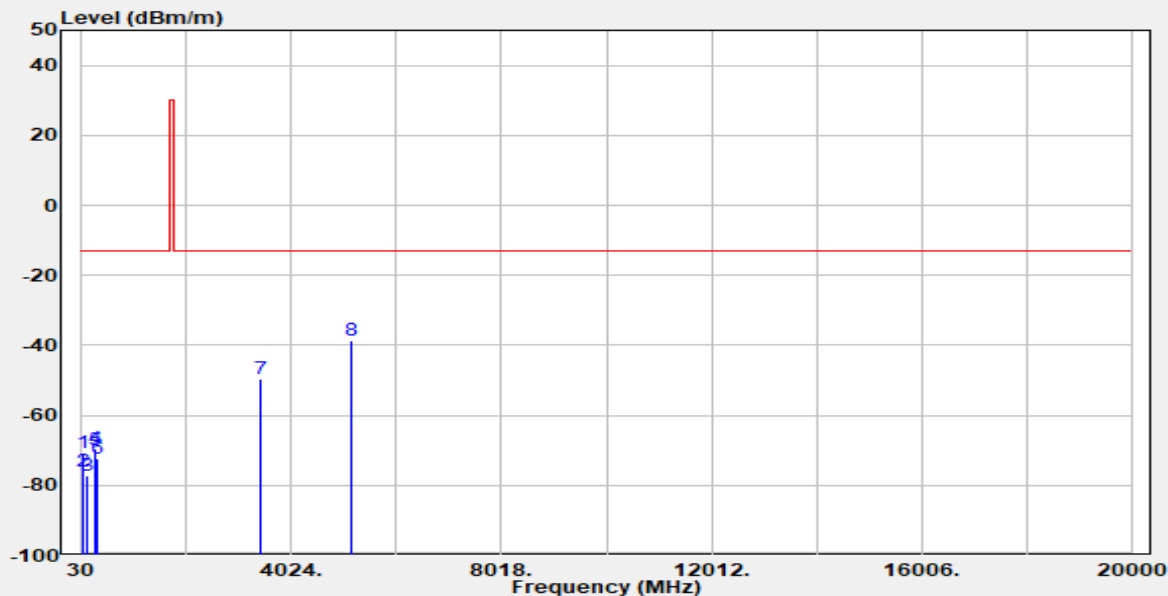
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1720 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
35.83	-70.68	-56.00	-13.59	-1.09	-13.00	-57.68
71.75	-75.97	-68.19	-6.22	-1.55	-13.00	-62.97
135.84	-77.21	-73.32	-1.76	-2.13	-13.00	-64.21
270.80	-69.41	-70.19	3.79	-3.01	-13.00	-56.41
297.99	-69.95	-70.60	3.80	-3.15	-13.00	-56.95
325.18	-72.38	-73.00	3.92	-3.30	-13.00	-59.38
3440.00	-49.60	-51.26	12.60	-10.93	-13.00	-36.60
5160.00	-38.46	-37.38	12.44	-13.52	-13.00	-25.46

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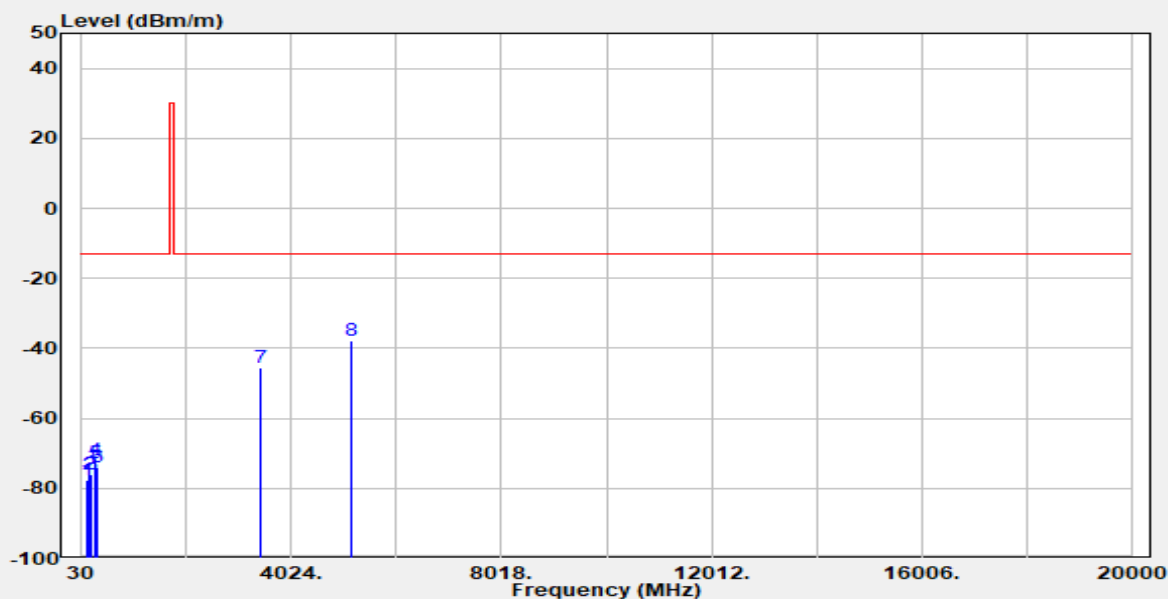
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1720 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.67	-73.78	-1.76	-2.13	-13.00	-64.67
152.34	-75.95	-72.16	-1.53	-2.26	-13.00	-62.95
225.17	-75.82	-78.09	5.01	-2.74	-13.00	-62.82
270.80	-72.15	-72.92	3.79	-3.01	-13.00	-59.15
297.99	-72.77	-73.43	3.80	-3.15	-13.00	-59.77
325.18	-73.90	-74.52	3.92	-3.30	-13.00	-60.90
3440.00	-45.70	-47.37	12.60	-10.93	-13.00	-32.70
5160.00	-37.99	-36.91	12.44	-13.52	-13.00	-24.99

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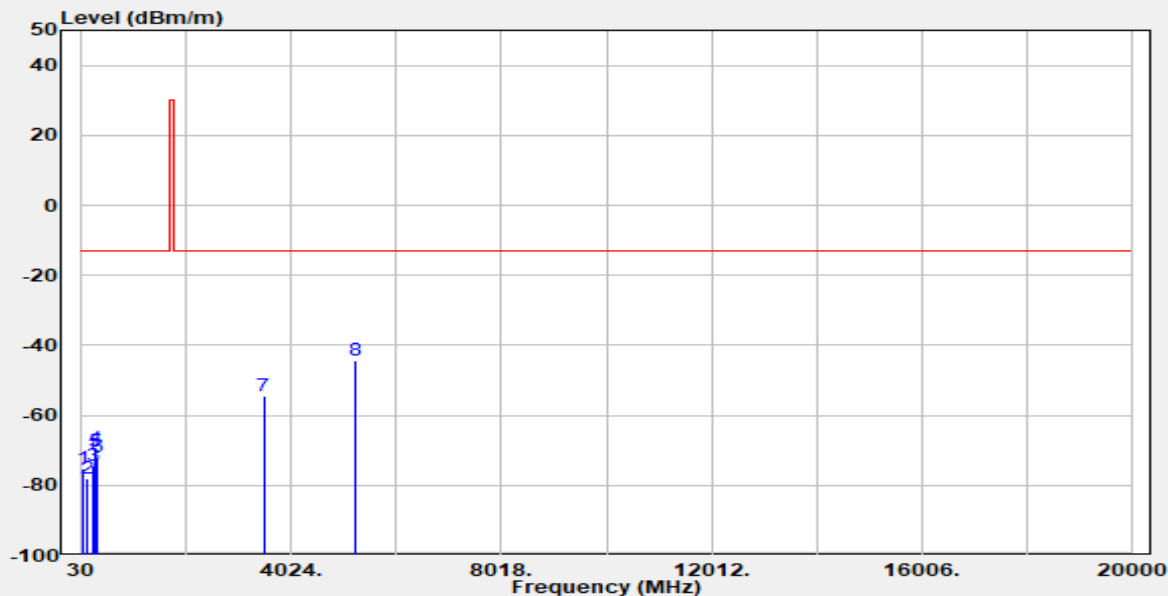
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1745 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
69.81	-75.40	-67.19	-6.68	-1.53	-13.00	-62.40
135.84	-77.93	-74.04	-1.76	-2.13	-13.00	-64.93
247.50	-74.56	-75.33	3.65	-2.87	-13.00	-61.56
270.80	-69.62	-70.39	3.79	-3.01	-13.00	-56.62
297.99	-70.50	-71.15	3.80	-3.15	-13.00	-57.50
325.18	-71.90	-72.52	3.92	-3.30	-13.00	-58.90
3490.00	-54.28	-55.71	12.44	-11.01	-13.00	-41.28
5235.00	-44.17	-43.35	12.81	-13.63	-13.00	-31.17

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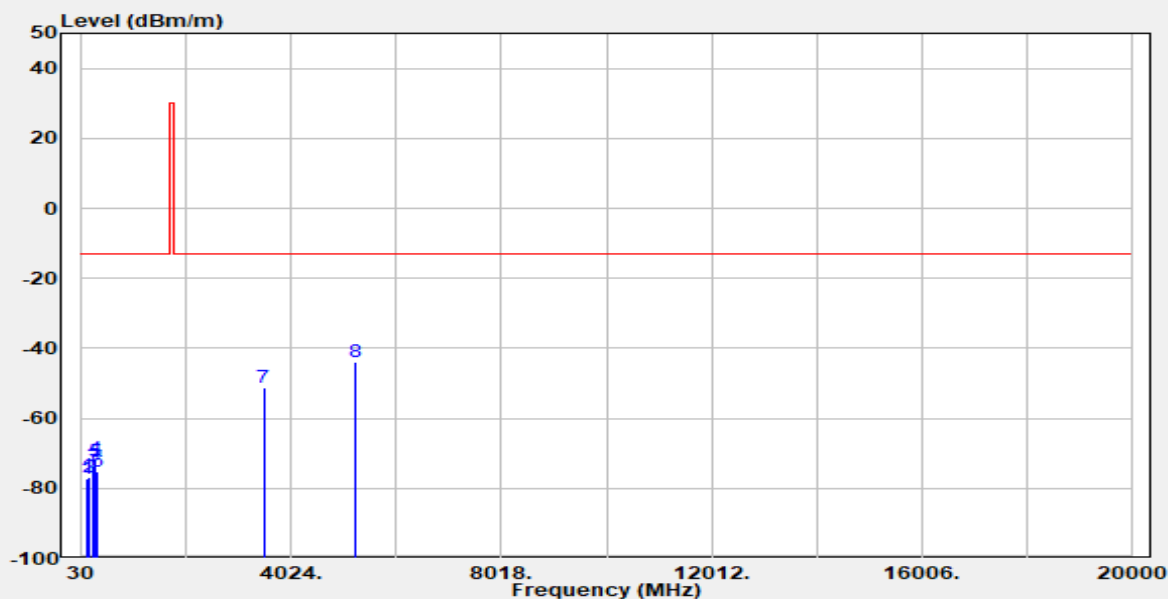
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1745 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



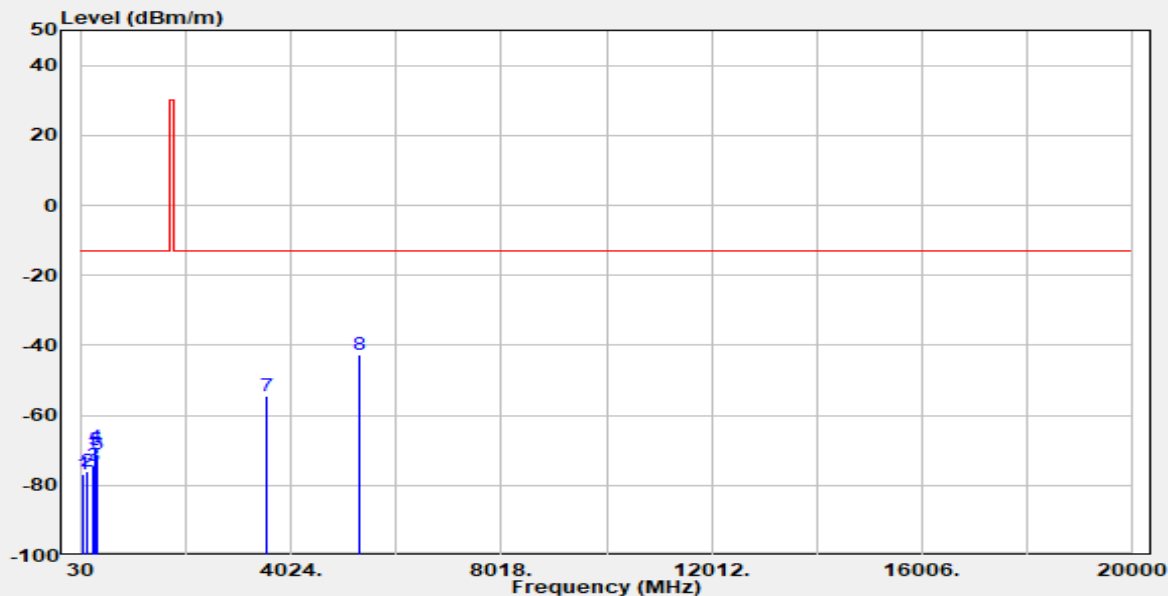
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.04	-73.15	-1.76	-2.13	-13.00	-64.04
153.31	-76.88	-73.17	-1.44	-2.26	-13.00	-63.88
255.27	-73.78	-74.57	3.72	-2.93	-13.00	-60.78
270.80	-71.60	-72.37	3.79	-3.01	-13.00	-58.60
297.99	-72.42	-73.08	3.80	-3.15	-13.00	-59.42
325.18	-75.27	-75.89	3.92	-3.30	-13.00	-62.27
3490.00	-51.16	-52.59	12.44	-11.01	-13.00	-38.16
5235.00	-43.92	-43.10	12.81	-13.63	-13.00	-30.92

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1770 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



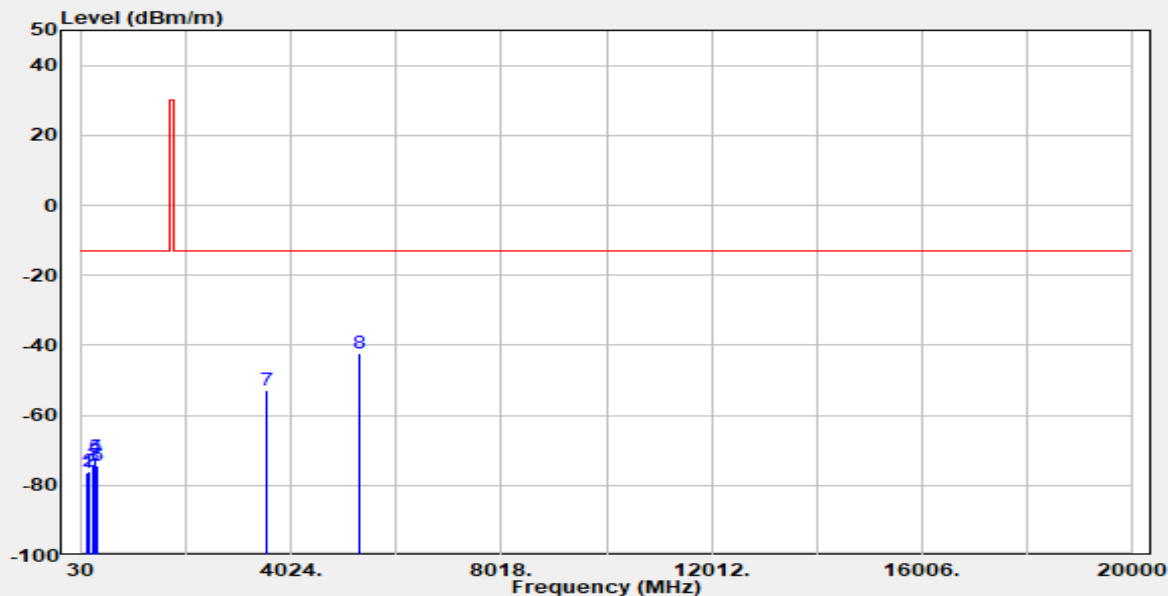
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
67.87	-76.97	-67.87	-7.59	-1.51	-13.00	-63.97
135.84	-76.12	-72.23	-1.76	-2.13	-13.00	-63.12
233.90	-74.20	-75.56	4.16	-2.79	-13.00	-61.20
270.80	-69.18	-69.95	3.79	-3.01	-13.00	-56.18
297.99	-69.94	-70.59	3.80	-3.15	-13.00	-56.94
325.18	-71.31	-71.93	3.92	-3.30	-13.00	-58.31
3540.00	-54.38	-55.53	12.24	-11.09	-13.00	-41.38
5310.00	-42.61	-41.90	13.02	-13.73	-13.00	-29.61

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B66  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :1770 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-76.35	-72.46	-1.76	-2.13	-13.00	-63.35
161.08	-76.07	-72.78	-0.97	-2.32	-13.00	-63.07
250.41	-74.42	-75.17	3.65	-2.89	-13.00	-61.42
270.80	-71.92	-72.70	3.79	-3.01	-13.00	-58.92
297.99	-71.93	-72.58	3.80	-3.15	-13.00	-58.93
325.18	-74.50	-75.12	3.92	-3.30	-13.00	-61.50
3540.00	-53.03	-54.17	12.24	-11.09	-13.00	-40.03
5310.00	-42.40	-41.68	13.02	-13.73	-13.00	-29.40

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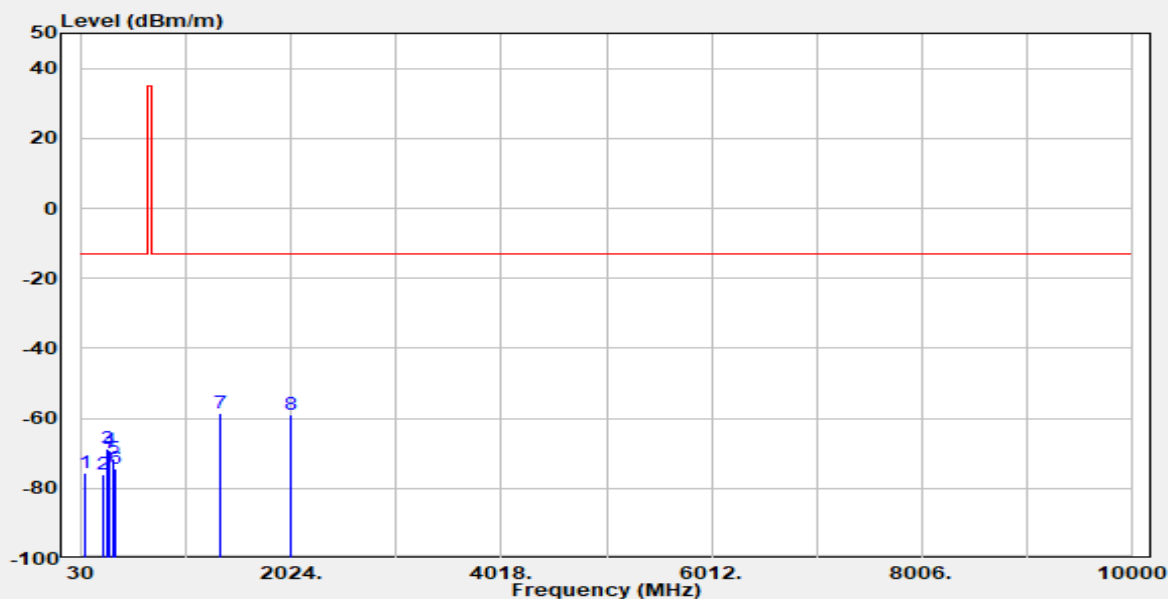
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :673 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



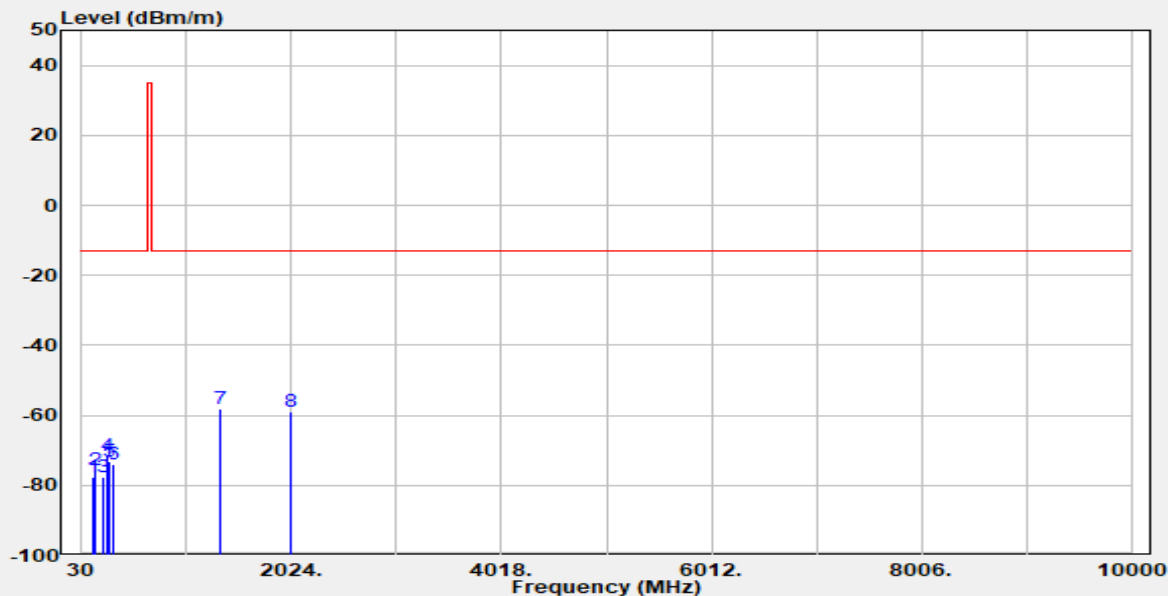
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
67.87	-75.75	-66.66	-7.59	-1.51	-13.00	-62.75
230.02	-76.02	-77.96	4.71	-2.77	-13.00	-63.02
270.80	-68.78	-69.55	3.79	-3.01	-13.00	-55.78
297.99	-69.24	-69.89	3.80	-3.15	-13.00	-56.24
325.18	-71.64	-72.26	3.92	-3.30	-13.00	-58.64
352.36	-74.53	-75.32	4.22	-3.42	-13.00	-61.53
1346.00	-58.61	-59.19	7.30	-6.73	-13.00	-45.61
2019.00	-59.09	-61.20	10.40	-8.29	-13.00	-46.09

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Report Number :TERF2412003863ER  
Operation Mode :LTE B71  
Test Mode :Tx  
EUT Pol :NB Mode  
Test Frequency :673 MHz

Test Site :SAC 3  
Test Date :2025-01-03  
Temp./Humi. :20.2°C/53%  
Antenna Pol. :Horizontal  
Engineer :Nick Lin



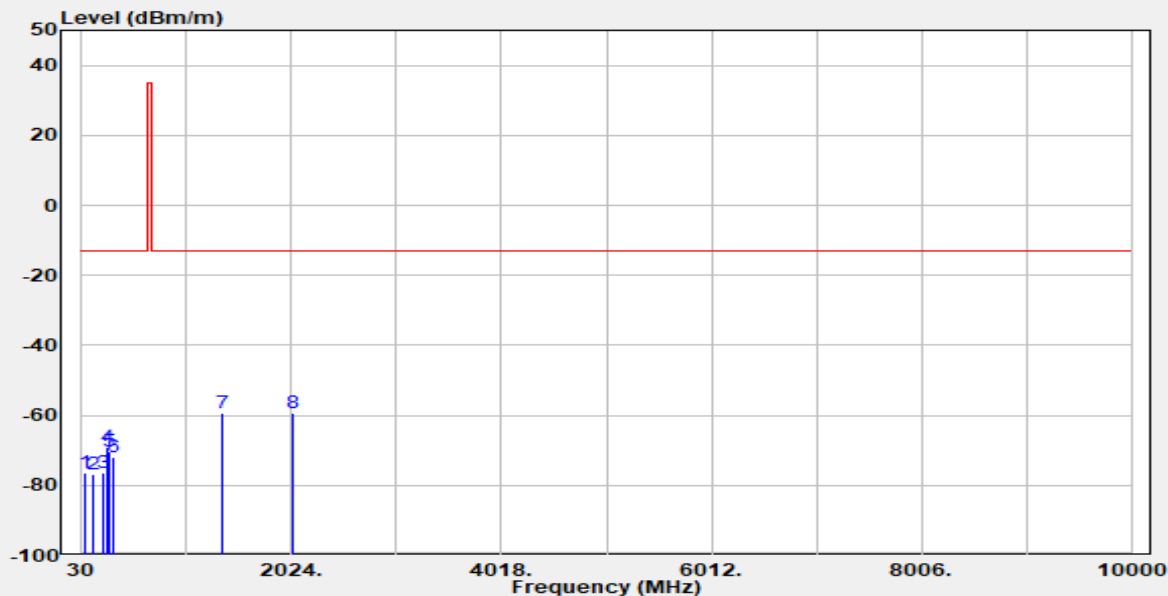
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
135.84	-77.66	-73.77	-1.76	-2.13	-13.00	-64.66
165.94	-75.61	-72.73	-0.52	-2.36	-13.00	-62.61
241.67	-77.78	-78.61	3.67	-2.84	-13.00	-64.78
270.80	-71.62	-72.39	3.79	-3.01	-13.00	-58.62
297.99	-73.15	-73.80	3.80	-3.15	-13.00	-60.15
325.18	-73.85	-74.47	3.92	-3.30	-13.00	-60.85
1346.00	-58.33	-58.90	7.30	-6.73	-13.00	-45.33
2019.00	-58.83	-60.94	10.40	-8.29	-13.00	-45.83

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Report Number :TERF2412003863ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :680.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
66.90	-76.23	-67.03	-7.70	-1.50	-13.00	-63.23
135.84	-77.02	-73.13	-1.76	-2.13	-13.00	-64.02
235.85	-76.63	-77.77	3.95	-2.81	-13.00	-63.63
270.80	-68.98	-69.75	3.79	-3.01	-13.00	-55.98
297.99	-70.28	-70.93	3.80	-3.15	-13.00	-57.28
325.18	-72.03	-72.66	3.92	-3.30	-13.00	-59.03
1361.00	-59.31	-60.06	7.51	-6.77	-13.00	-46.31
2041.50	-59.37	-61.15	10.12	-8.34	-13.00	-46.37

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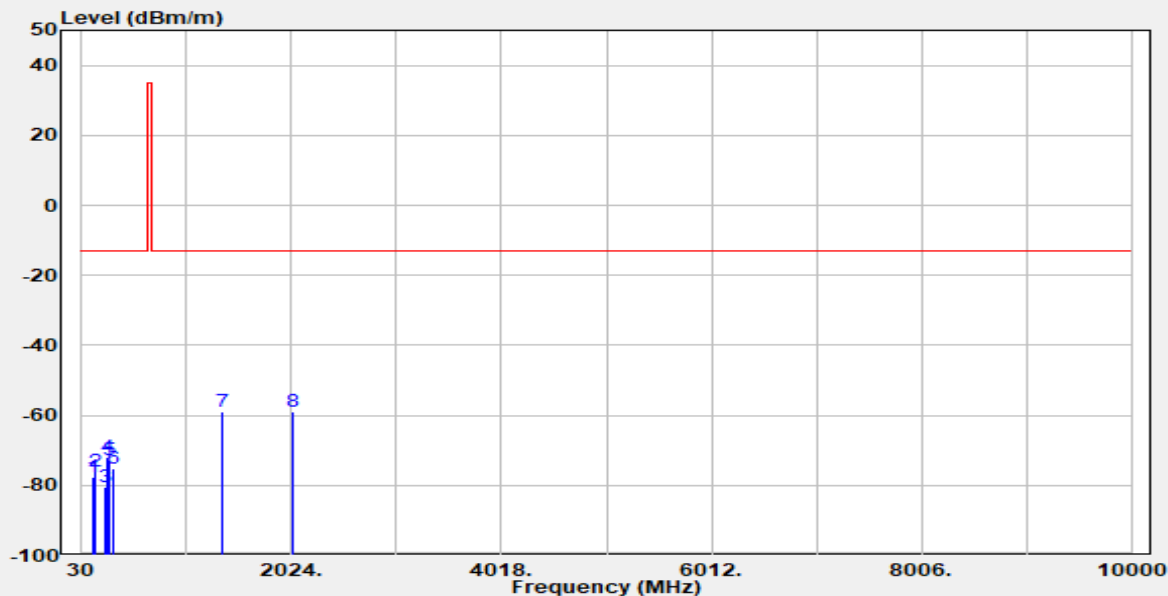
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :680.5 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.73	-73.84	-1.76	-2.13	-13.00	-64.73
155.26	-76.19	-72.44	-1.47	-2.28	-13.00	-63.19
243.61	-80.66	-81.47	3.67	-2.85	-13.00	-67.66
270.80	-72.03	-72.80	3.79	-3.01	-13.00	-59.03
297.99	-72.57	-73.22	3.80	-3.15	-13.00	-59.57
325.18	-75.23	-75.85	3.92	-3.30	-13.00	-62.23
1361.00	-59.10	-59.84	7.51	-6.77	-13.00	-46.10
2041.50	-59.14	-60.91	10.12	-8.34	-13.00	-46.14

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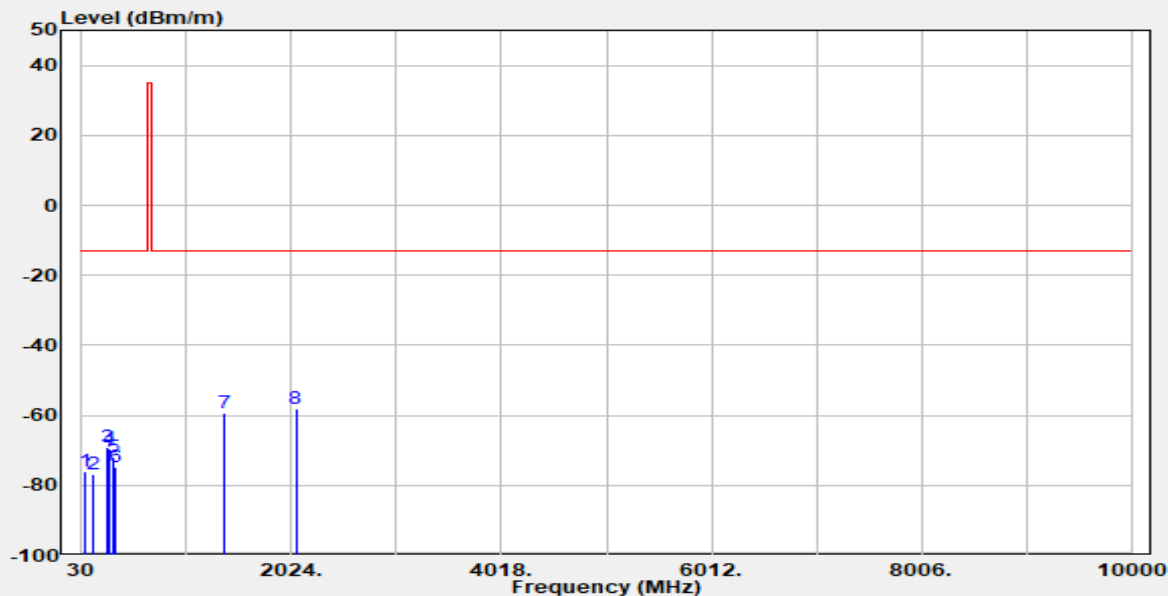
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :688 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



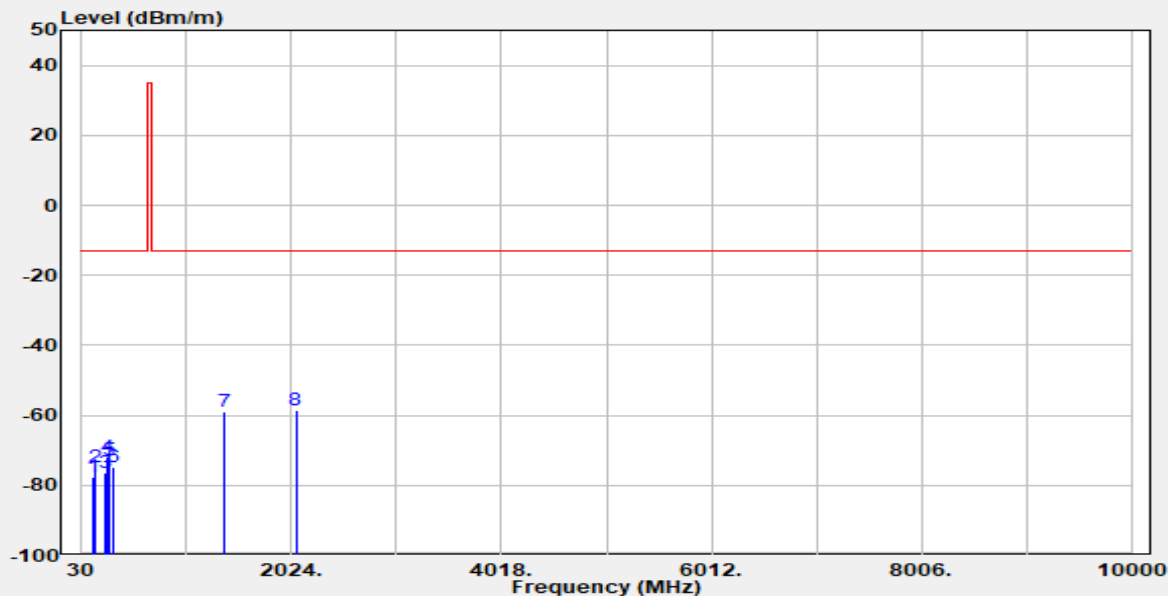
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
66.90	-76.07	-66.87	-7.70	-1.50	-13.00	-63.07
135.84	-76.75	-72.86	-1.76	-2.13	-13.00	-63.75
270.80	-69.29	-70.06	3.79	-3.01	-13.00	-56.29
297.99	-69.32	-69.97	3.80	-3.15	-13.00	-56.32
325.18	-71.94	-72.56	3.92	-3.30	-13.00	-58.94
352.36	-74.96	-75.76	4.22	-3.42	-13.00	-61.96
1376.00	-59.20	-59.88	7.48	-6.80	-13.00	-46.20
2064.00	-58.12	-59.90	10.16	-8.39	-13.00	-45.12

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.  
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Report Number :TERF2412003863ER  
 Operation Mode :LTE B71  
 Test Mode :Tx  
 EUT Pol :NB Mode  
 Test Frequency :688 MHz

Test Site :SAC 3  
 Test Date :2025-01-03  
 Temp./Humi. :20.2°C/53%  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
135.84	-77.64	-73.75	-1.76	-2.13	-13.00	-64.64
154.28	-74.78	-71.03	-1.48	-2.27	-13.00	-61.78
244.59	-76.34	-77.15	3.66	-2.86	-13.00	-63.34
270.80	-72.03	-72.80	3.79	-3.01	-13.00	-59.03
297.99	-72.59	-73.24	3.80	-3.15	-13.00	-59.59
325.18	-74.80	-75.42	3.92	-3.30	-13.00	-61.80
1376.00	-58.94	-59.61	7.48	-6.80	-13.00	-45.94
2064.00	-58.50	-60.27	10.16	-8.39	-13.00	-45.50

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## 11 PHOTOGRAPHS OF SET UP

Please refer to the attached file (Setup Photo)

## 12 PHOTOGRAPHS OF EUT

Please refer to the attached file(EUT Photo)

*~ End of Report ~*

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