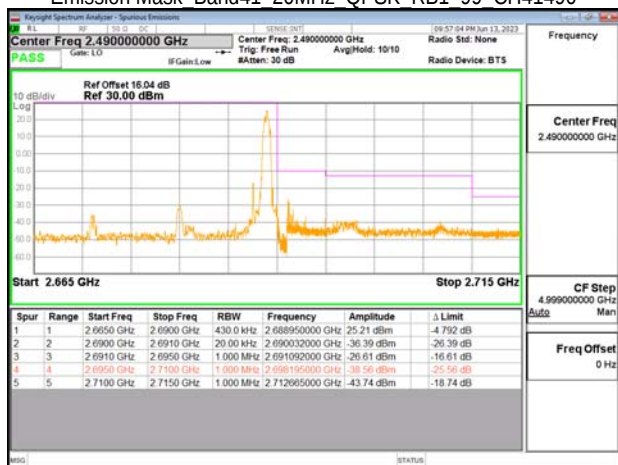


Emission Mask Band41 20MHz QPSK RB1 99 CH41490



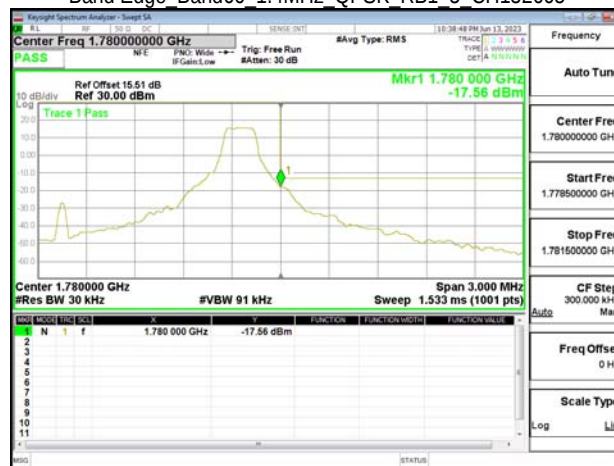
Band Edge Band66 1.4MHz QPSK RB1 0 CH131979



Emission Mask Band41 20MHz QPSK RB100 0 CH39750



Band Edge Band66 1.4MHz QPSK RB1 5 CH132665



Emission Mask Band41 20MHz QPSK RB100 0 CH41490



Band Edge Band66 1.4MHz QPSK RB6 0 CH131979



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Band Edge Band66 1.4MHz QPSK RB6 0 CH132665



Band Edge Band66 3MHz QPSK RB15 0 CH131987



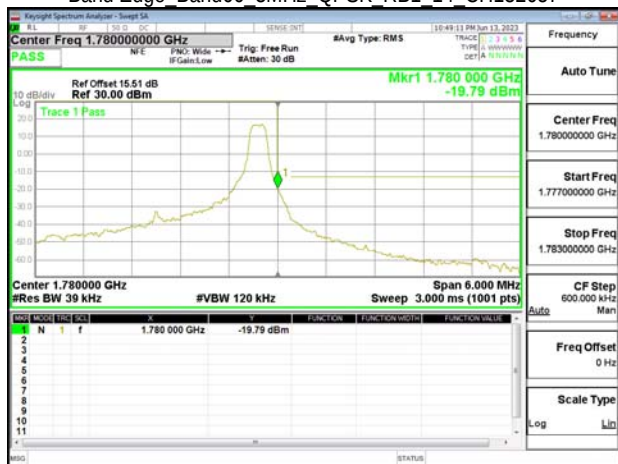
Band Edge Band66 3MHz QPSK RB1 0 CH131987



Band Edge Band66 3MHz QPSK RB15 0 CH132657



Band Edge Band66 3MHz QPSK RB1 14 CH132657



Band Edge Band66 5MHz QPSK RB1 0 CH131997



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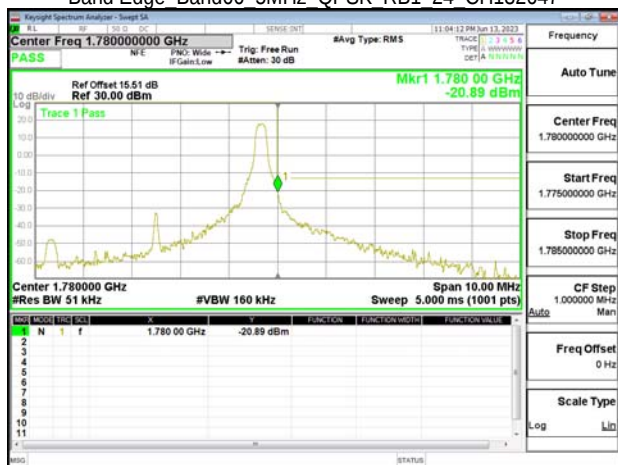
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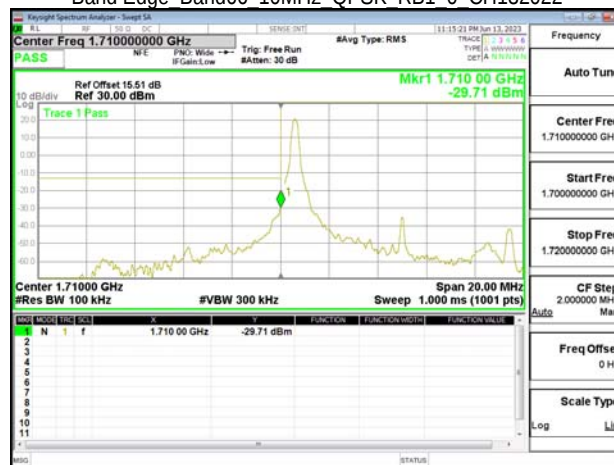
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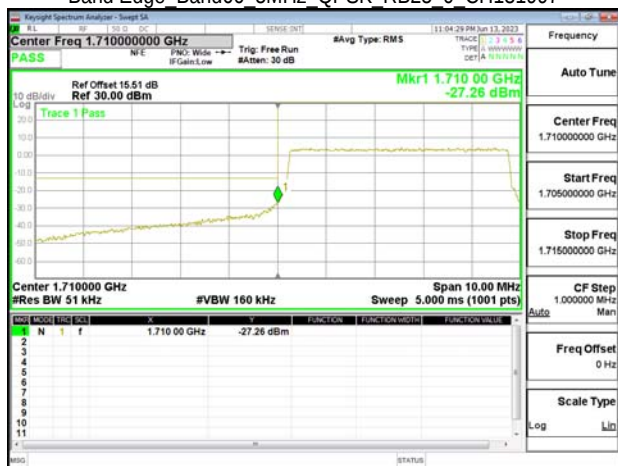
Band Edge Band66 5MHz QPSK RB1 24 CH132647



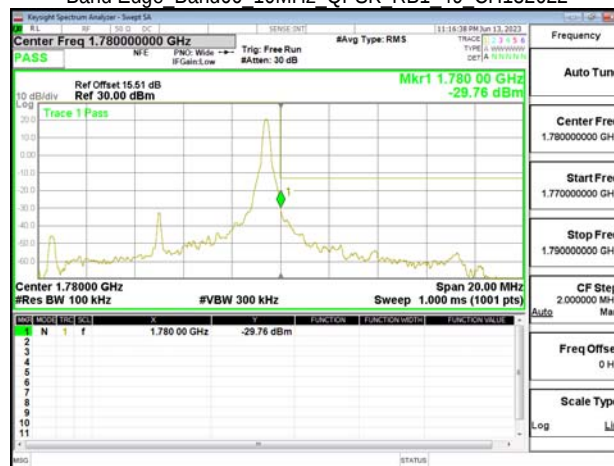
Band Edge Band66 10MHz QPSK RB1 0 CH132022



Band Edge Band66 5MHz QPSK RB25 0 CH131997



Band Edge Band66 10MHz QPSK RB1 49 CH132622



Band Edge Band66 5MHz QPSK RB25 0 CH132647



Band Edge Band66 10MHz QPSK RB50 0 CH132022



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Band Edge Band66 10MHz QPSK RB50 0 CH132622



Band Edge Band66 15MHz QPSK RB75 0 CH132047



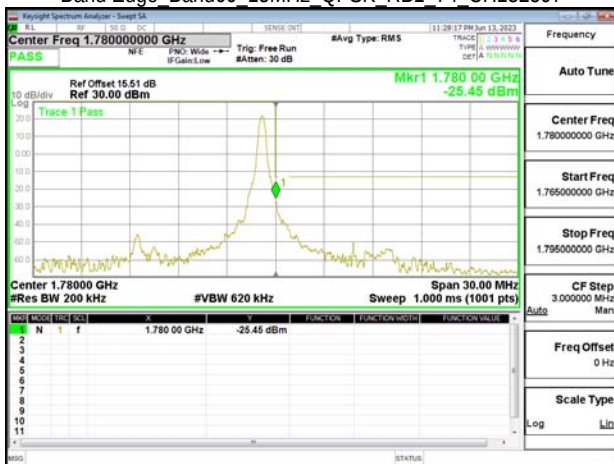
Band Edge Band66 15MHz QPSK RB1 0 CH132047



Band Edge Band66 15MHz QPSK RB75 0 CH132597



Band Edge Band66 15MHz QPSK RB1 74 CH132597



Band Edge Band66 20MHz QPSK RB1 0 CH132072

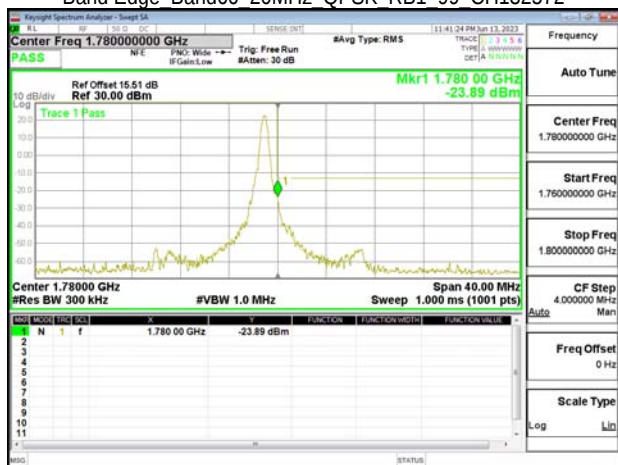


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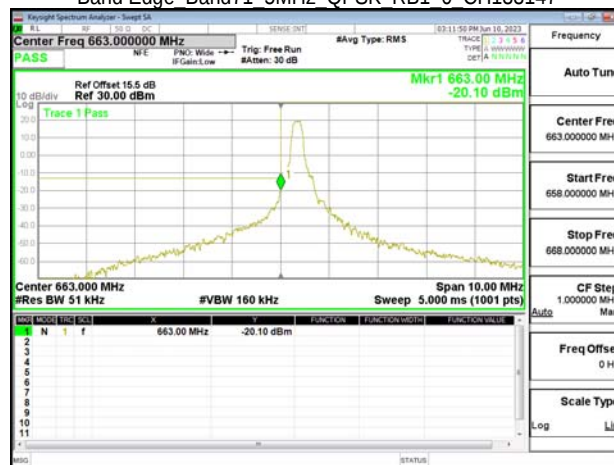
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Band Edge Band66 20MHz QPSK RB1 99 CH132572



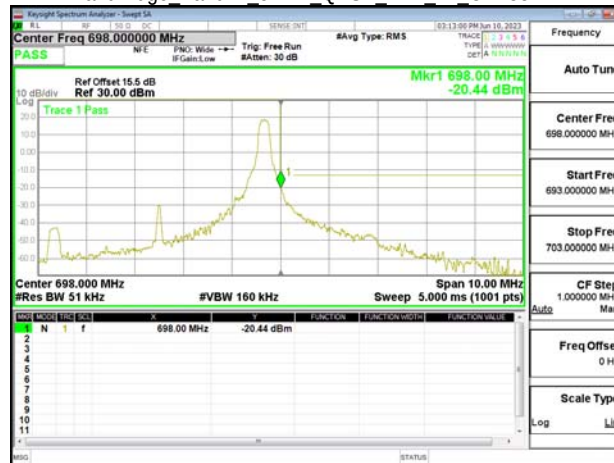
Band Edge Band71 5MHz QPSK RB1 0 CH133147



Band Edge Band66 20MHz QPSK RB100 0 CH132072



Band Edge Band71 5MHz QPSK RB1 24 CH133447



Band Edge Band66 20MHz QPSK RB100 0 CH132572



Band Edge Band71 5MHz QPSK RB25 0 CH133147



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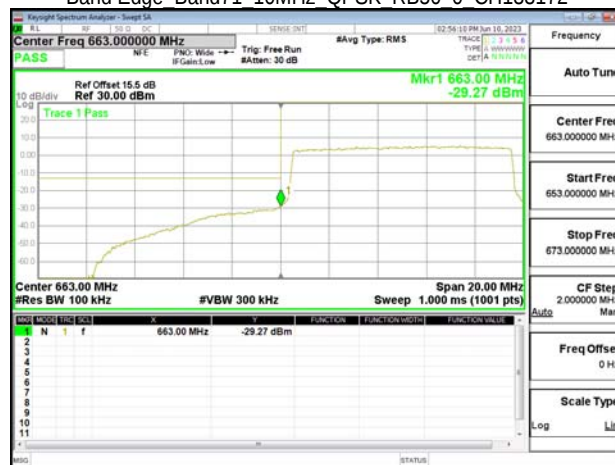
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Band Edge Band71 5MHz QPSK RB25 0 CH133447



Band Edge Band71 10MHz QPSK RB50 0 CH133172



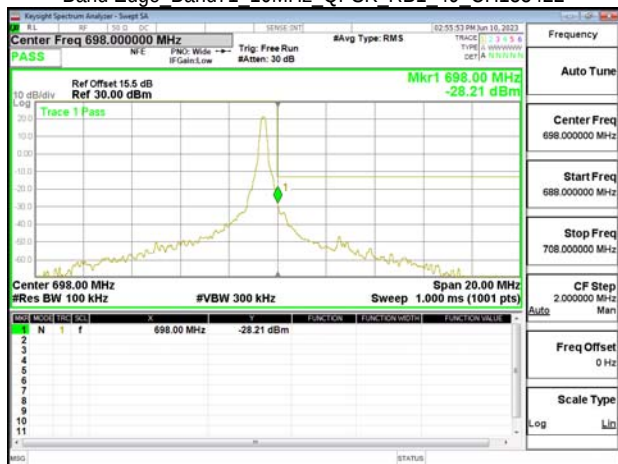
Band Edge Band71 10MHz QPSK RB1 0 CH133172



Band Edge Band71 10MHz QPSK RB50 0 CH133422



Band Edge Band71 10MHz QPSK RB1 49 CH133422



Band Edge Band71 15MHz QPSK RB1 0 CH133197

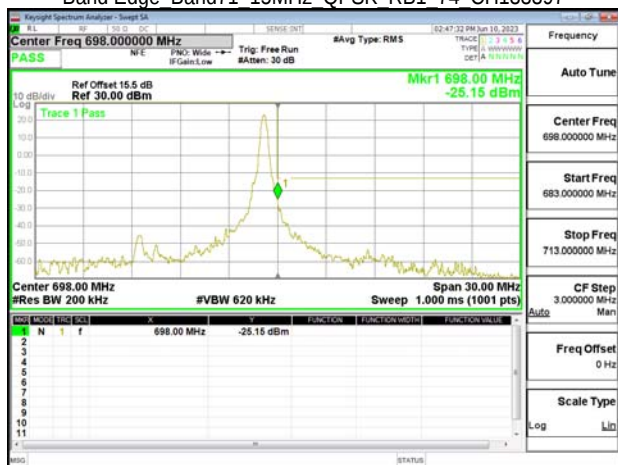


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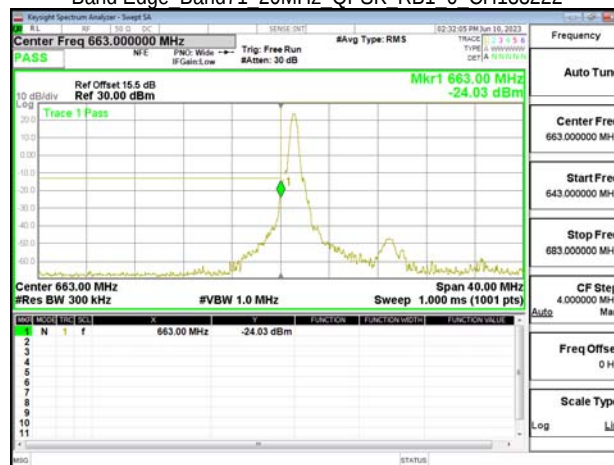
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Band Edge Band71 15MHz QPSK RB1 74 CH133397



Band Edge Band71 20MHz QPSK RB1 0 CH133222



Band Edge Band71 15MHz QPSK RB75 0 CH133197



Band Edge Band71 20MHz QPSK RB1 99 CH133372



Band Edge Band71 15MHz QPSK RB75 0 CH133397



Band Edge Band71 20MHz QPSK RB100 0 CH133222



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Band Edge Band71 20MHz QPSK RB100 0 CH133372



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9.5 Spurious Emission Measurement Result:

Refer to next pages.

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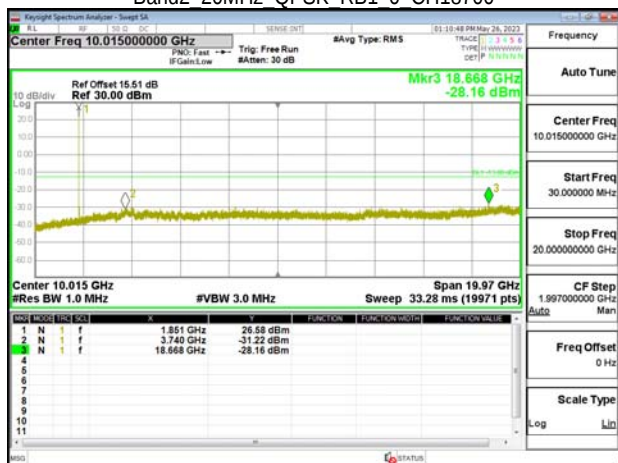
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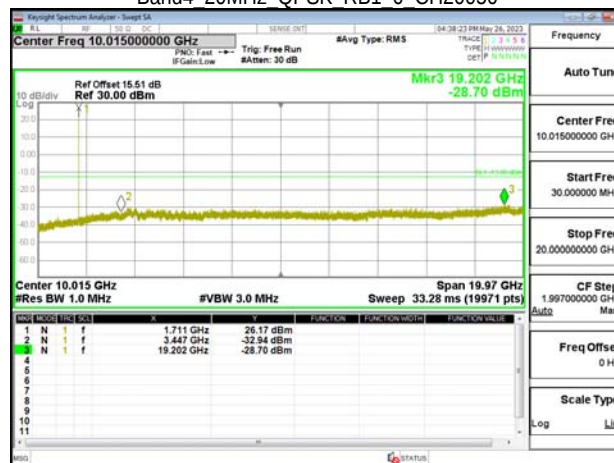
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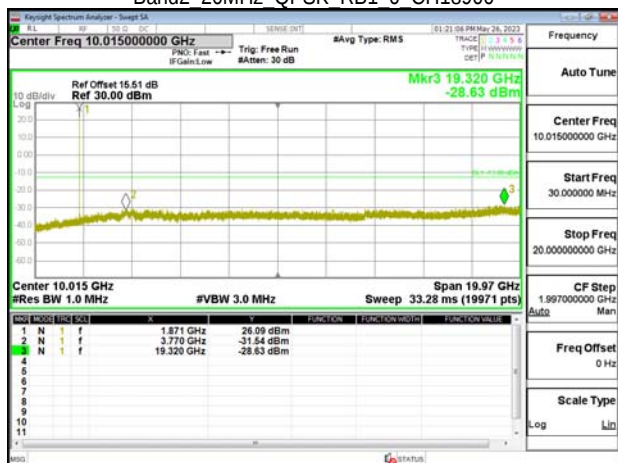
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Band4 20MHz QPSK RB1 0 CH20050



Band2 20MHz QPSK RB1 0 CH18900



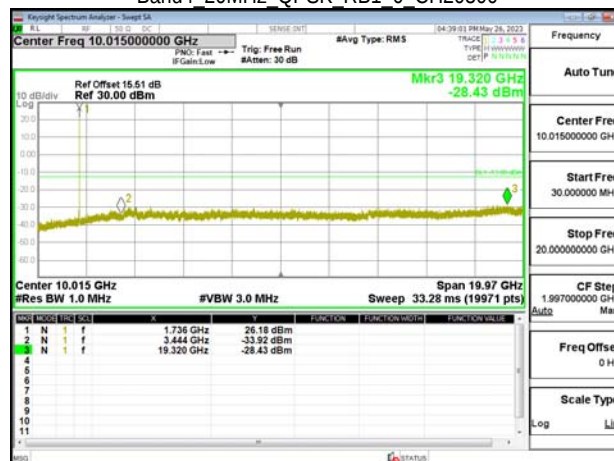
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Band2 20MHz QPSK RB1 0 CH19100



Band4 20MHz QPSK RB1 0 CH20300



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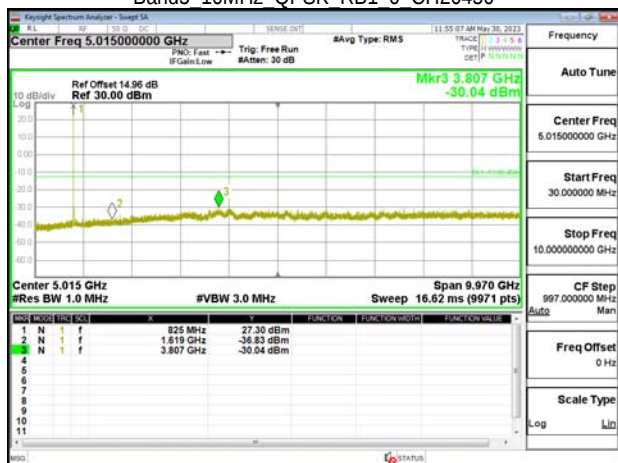
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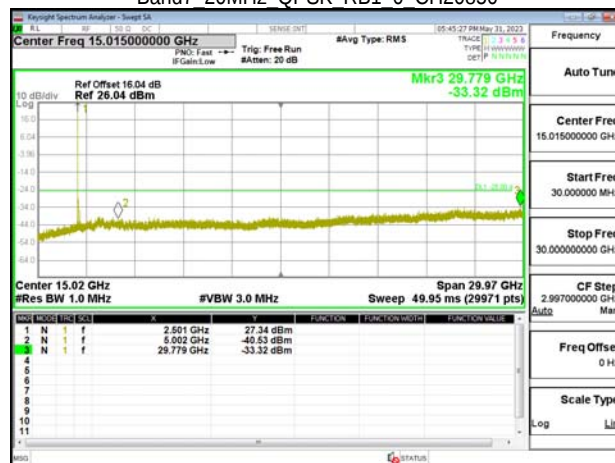
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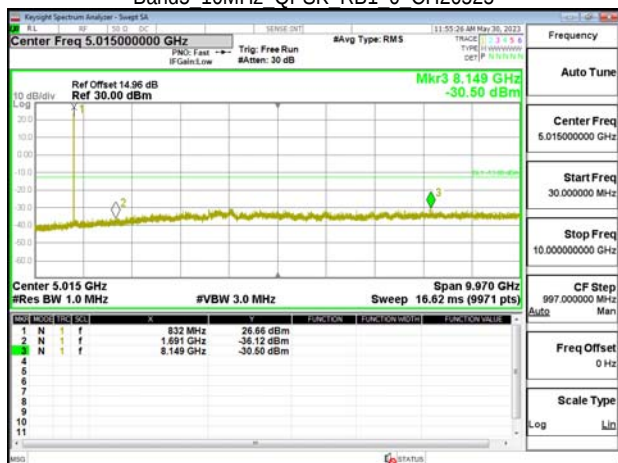
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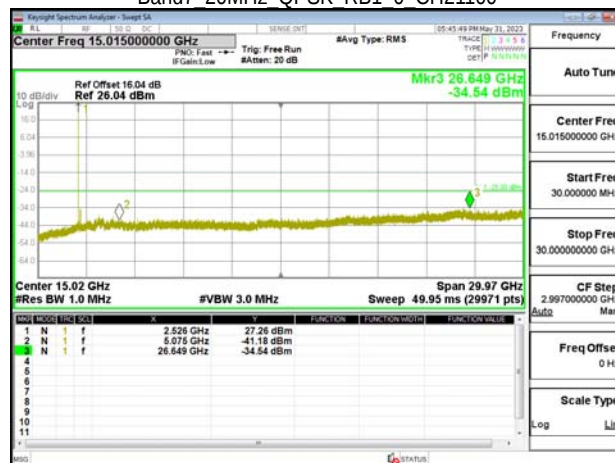
Band7 20MHz QPSK RB1 0 CH20850



Band5 10MHz QPSK RB1 0 CH20525



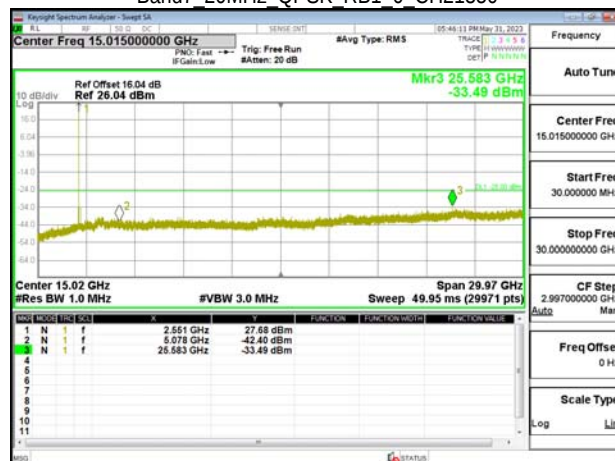
Band7 20MHz QPSK RB1 0 CH21100



Band5 10MHz QPSK RB1 0 CH20600



Band7 20MHz QPSK RB1 0 CH21350



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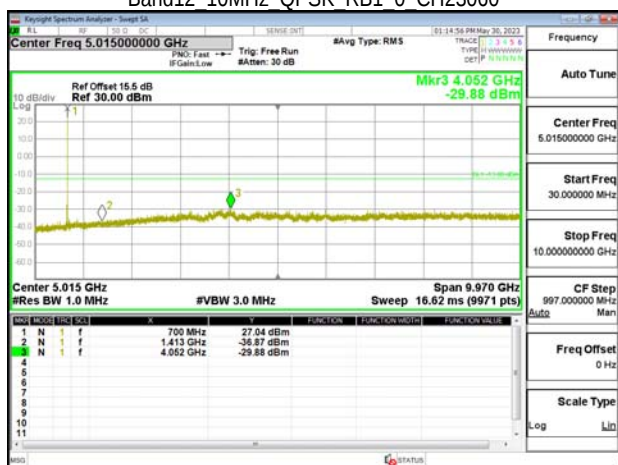
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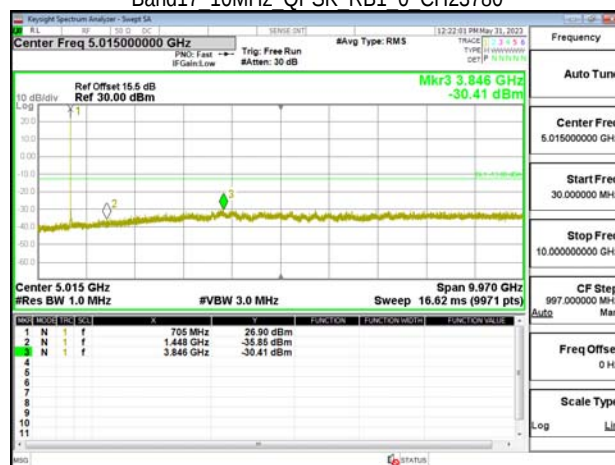
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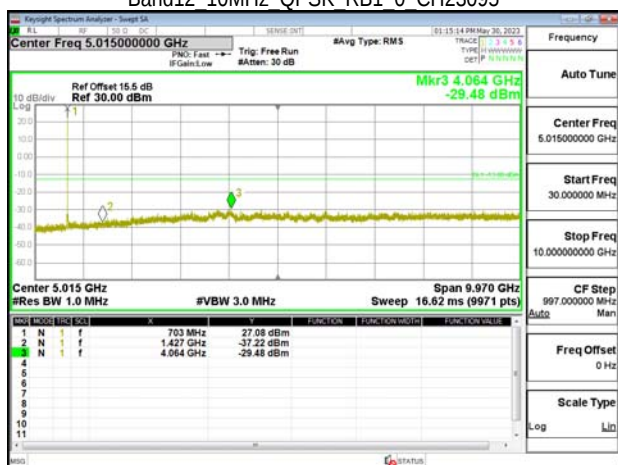
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Band17 10MHz QPSK RB1 0 CH23780



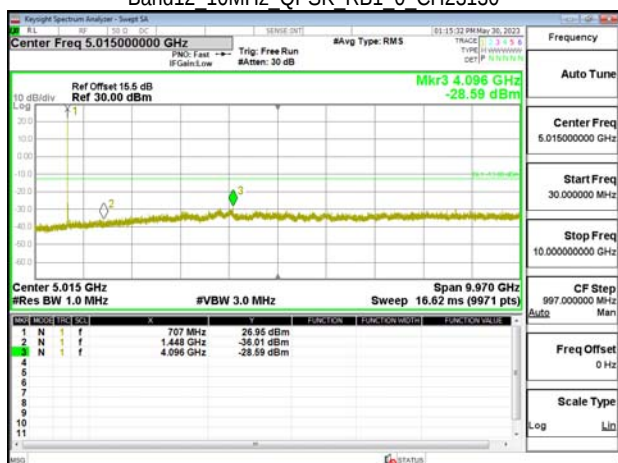
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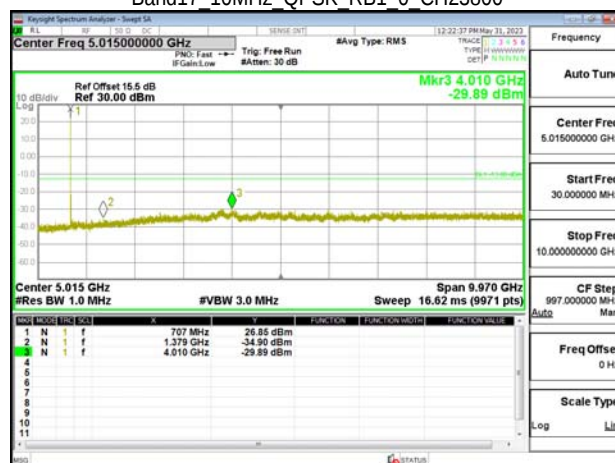
Band17 10MHz QPSK RB1 0 CH23790



Band12 10MHz QPSK RB1 0 CH23130



Band17 10MHz QPSK RB1 0 CH23800



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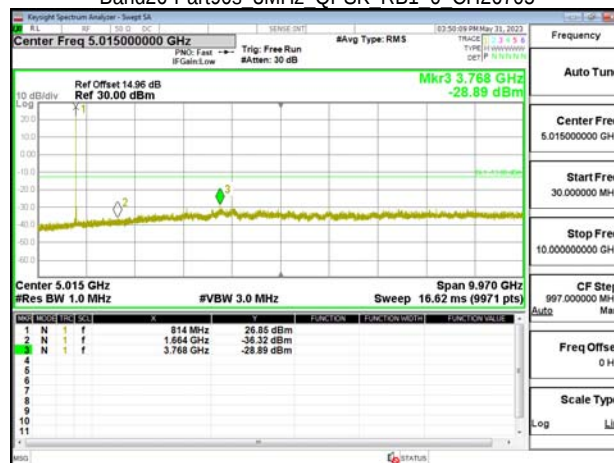
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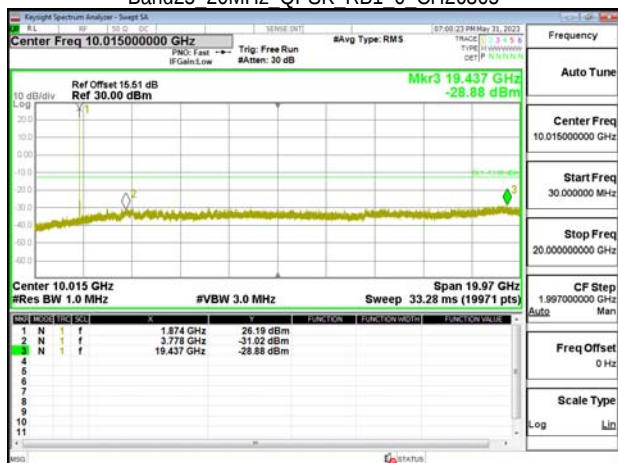
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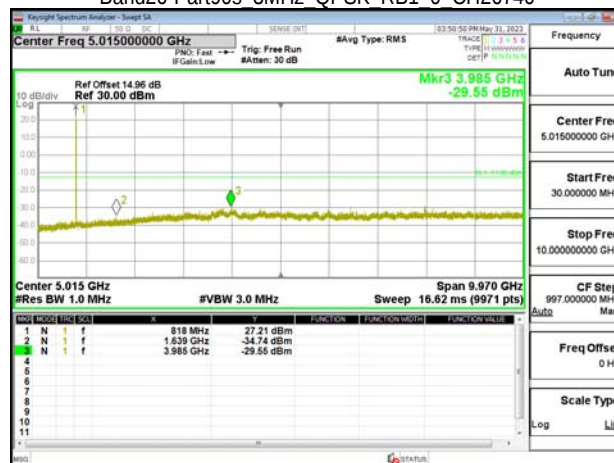
Band26-Part90s 3MHz QPSK RB1 0 CH26705



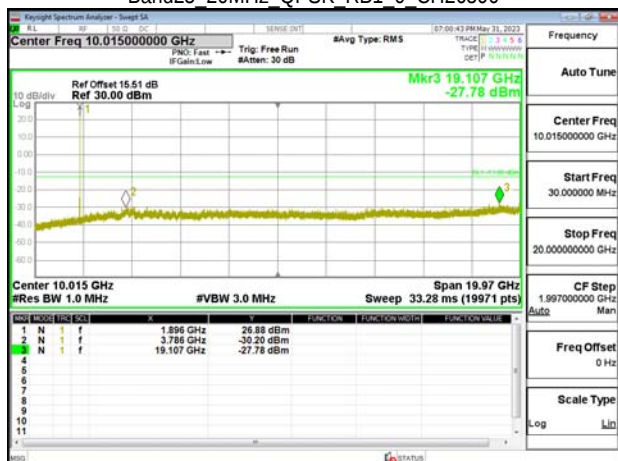
Band25 20MHz QPSK RB1 0 CH26365



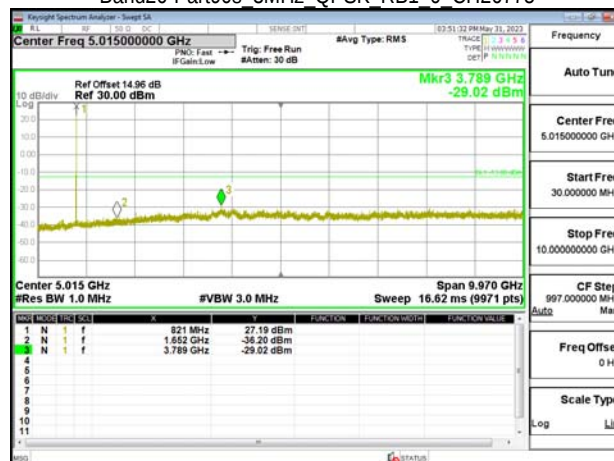
Band26-Part90s 3MHz QPSK RB1 0 CH26740



Band25 20MHz QPSK RB1 0 CH26590



Band26-Part90s 3MHz QPSK RB1 0 CH26775



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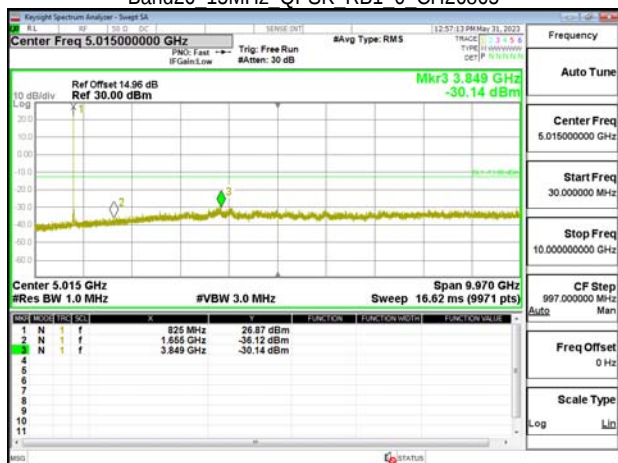
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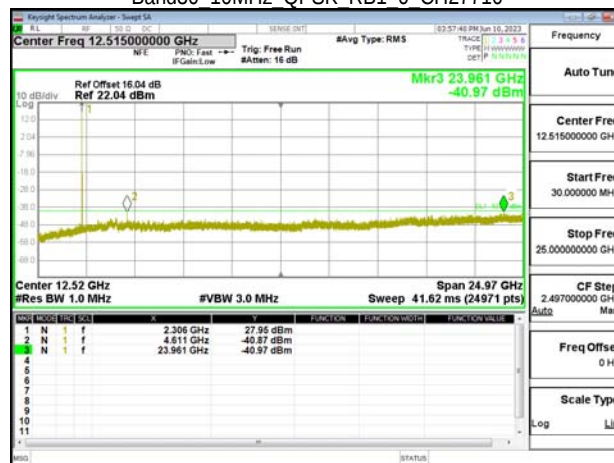
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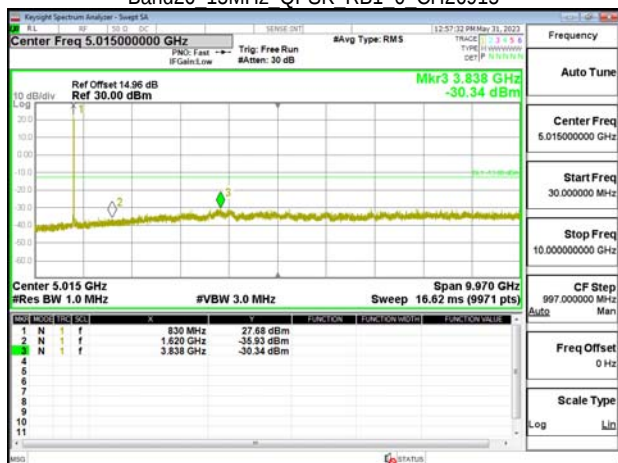
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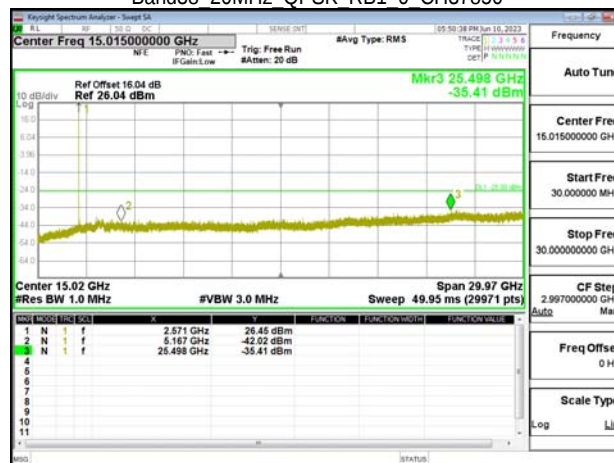
Band30 10MHz QPSK RB1 0 CH27710



Band26 15MHz QPSK RB1 0 CH26915



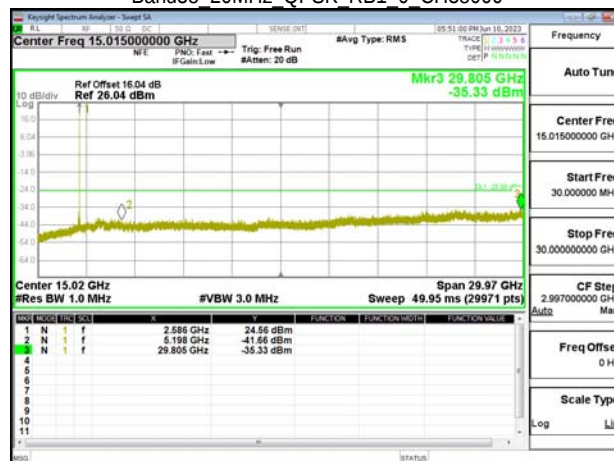
Band38 20MHz QPSK RB1 0 CH37850



Band26 15MHz QPSK RB1 0 CH26965



Band38 20MHz QPSK RB1 0 CH38000



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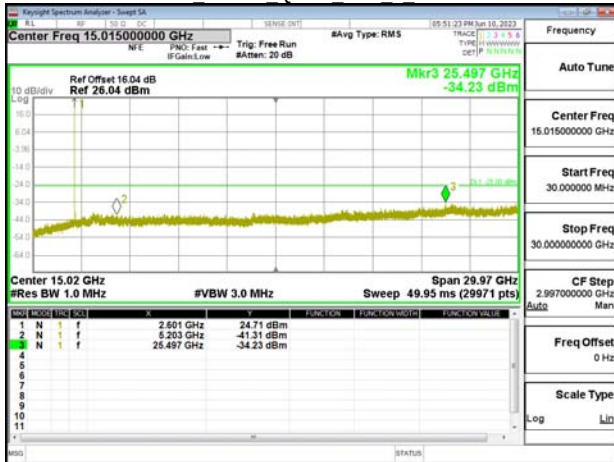
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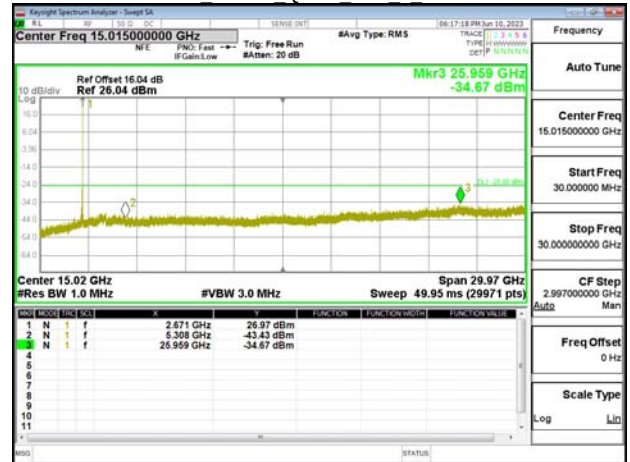
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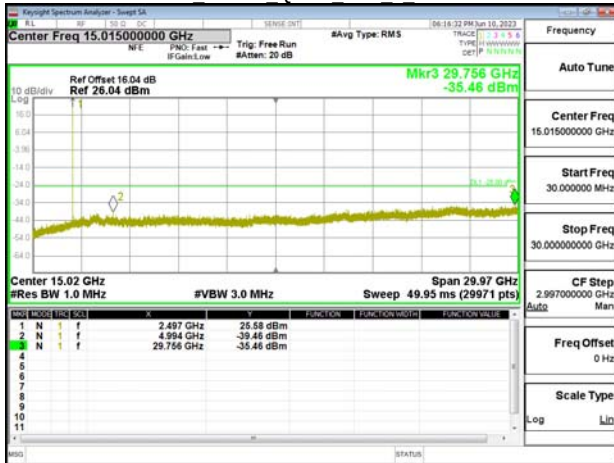
Band38 20MHz QPSK RB1 0 CH38150



Band41 20MHz QPSK RB1 0 CH41490



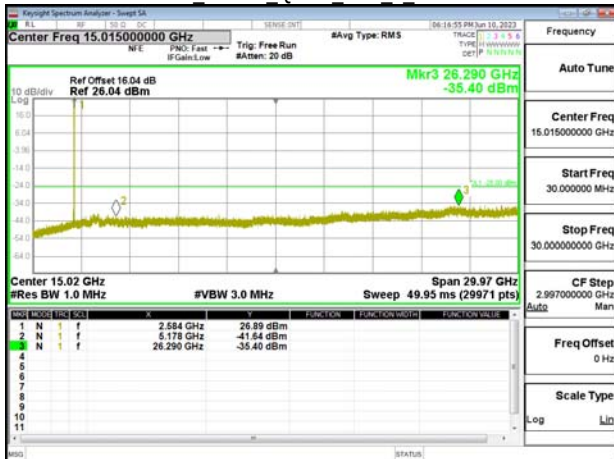
Band41 20MHz QPSK RB1 0 CH39750



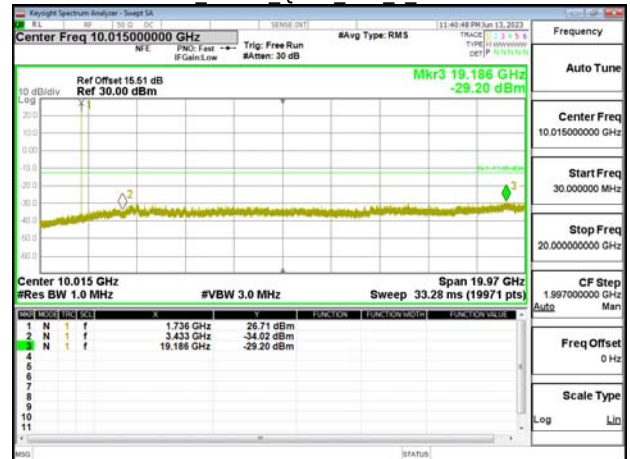
Band66 20MHz QPSK RB1 0 CH132072



Band41 20MHz QPSK RB1 0 CH40620



Band66 20MHz QPSK RB1 0 CH132322



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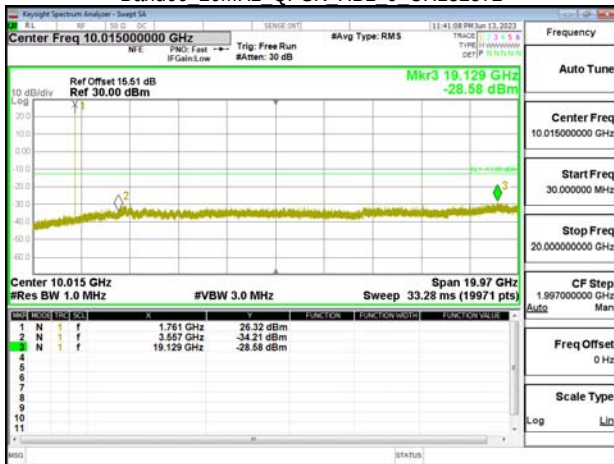
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Band66 20MHz QPSK RB1 0 CH132572



Band71 20MHz QPSK RB1 0 CH133372



Band71 20MHz QPSK RB1 0 CH133222



Band71 20MHz QPSK RB1 0 CH133297



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10 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

10.1 Standard Applicable

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.

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 §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

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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 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.

§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.

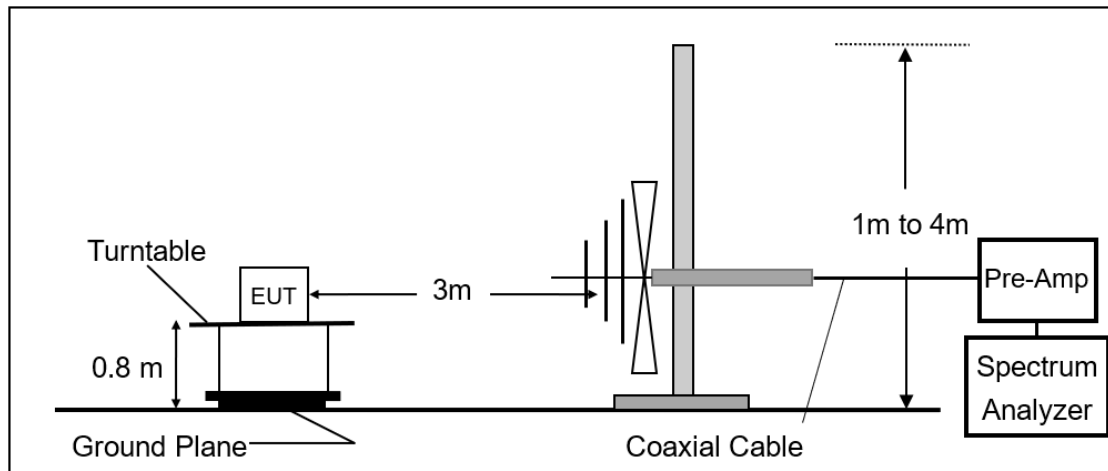
(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10}(P)$ decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency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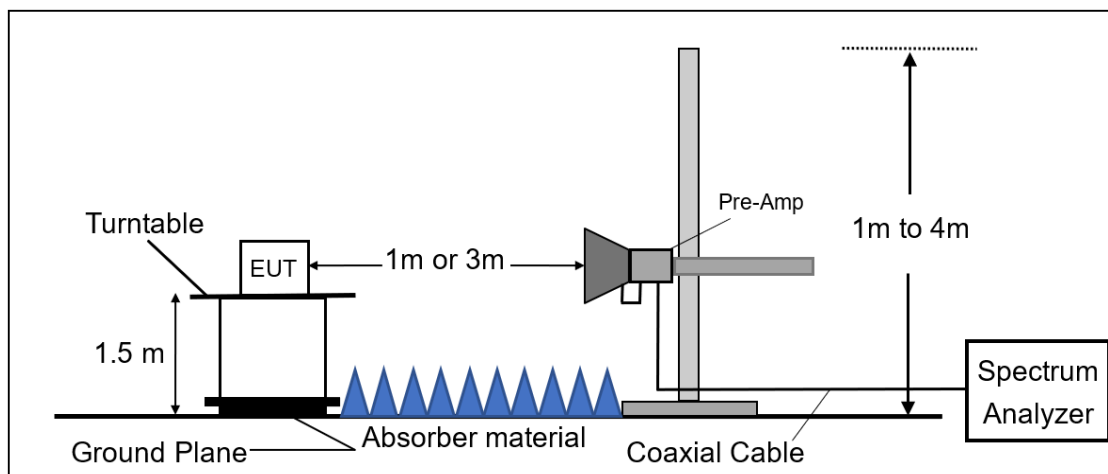
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10.2 EUT Setup

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



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



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10.3 Measurement Procedure:

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 (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)

EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

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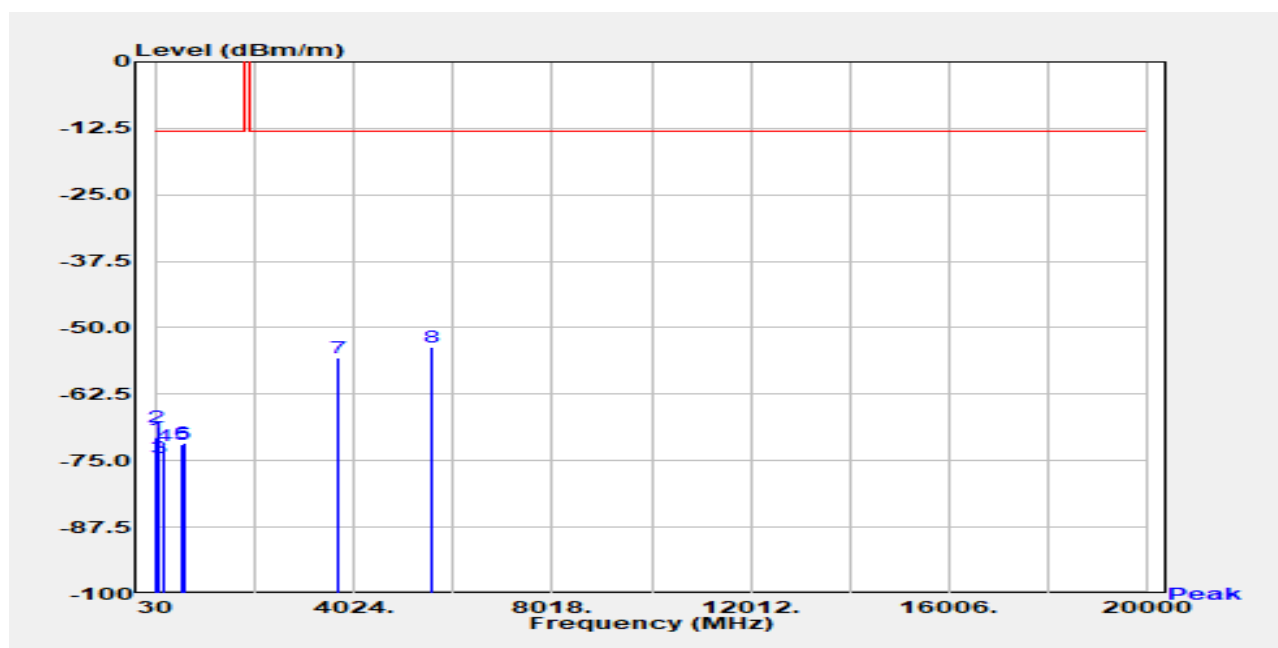
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10.4 Measurement Result:

Report Number :TERF2305001076ER
 Operation Mode :LTE B2
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :1860 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-70.65	-58.88	-11.13	-0.64	-13.00	-57.65
75.590	-68.73	-65.48	-2.32	-0.92	-13.00	-55.73
104.690	-74.52	-74.44	1.02	-1.09	-13.00	-61.52
212.360	-72.23	-77.46	6.77	-1.54	-13.00	-59.23
558.650	-71.89	-75.73	6.60	-2.75	-13.00	-58.89
598.420	-71.60	-75.09	6.10	-2.61	-13.00	-58.60
3720.000	-55.54	-61.31	12.40	-6.64	-13.00	-42.54
5580.000	-53.73	-58.36	13.02	-8.39	-13.00	-40.73

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Report Number :TERF2305001076ER

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :1860 MHz

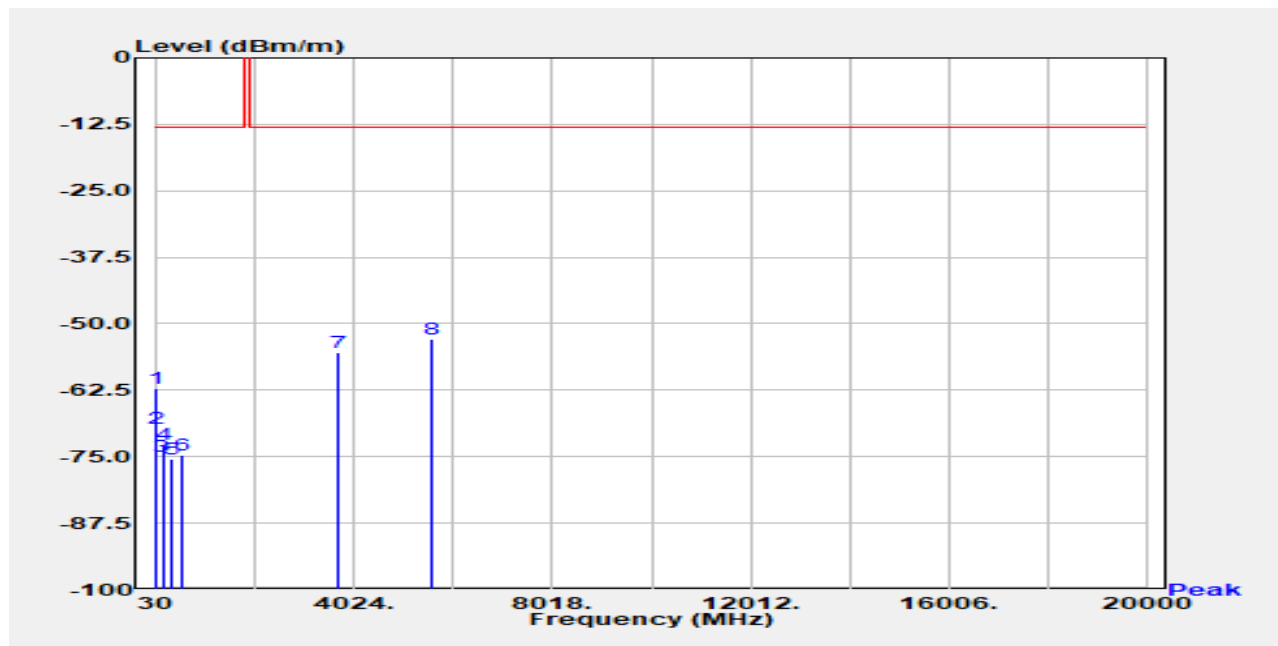
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Horizontal

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-62.05	-50.28	-11.13	-0.64	-13.00	-49.05
73.650	-69.71	-65.80	-3.00	-0.91	-13.00	-56.71
180.350	-74.95	-77.18	3.66	-1.43	-13.00	-61.95
213.330	-72.73	-77.96	6.78	-1.55	-13.00	-59.73
347.190	-75.47	-79.98	6.60	-2.09	-13.00	-62.47
588.720	-74.65	-77.94	6.26	-2.97	-13.00	-61.65
3720.000	-55.32	-61.08	12.40	-6.64	-13.00	-42.32
5580.000	-52.76	-57.39	13.02	-8.39	-13.00	-39.76

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Report Number :TERF2305001076ER

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :1880 MHz

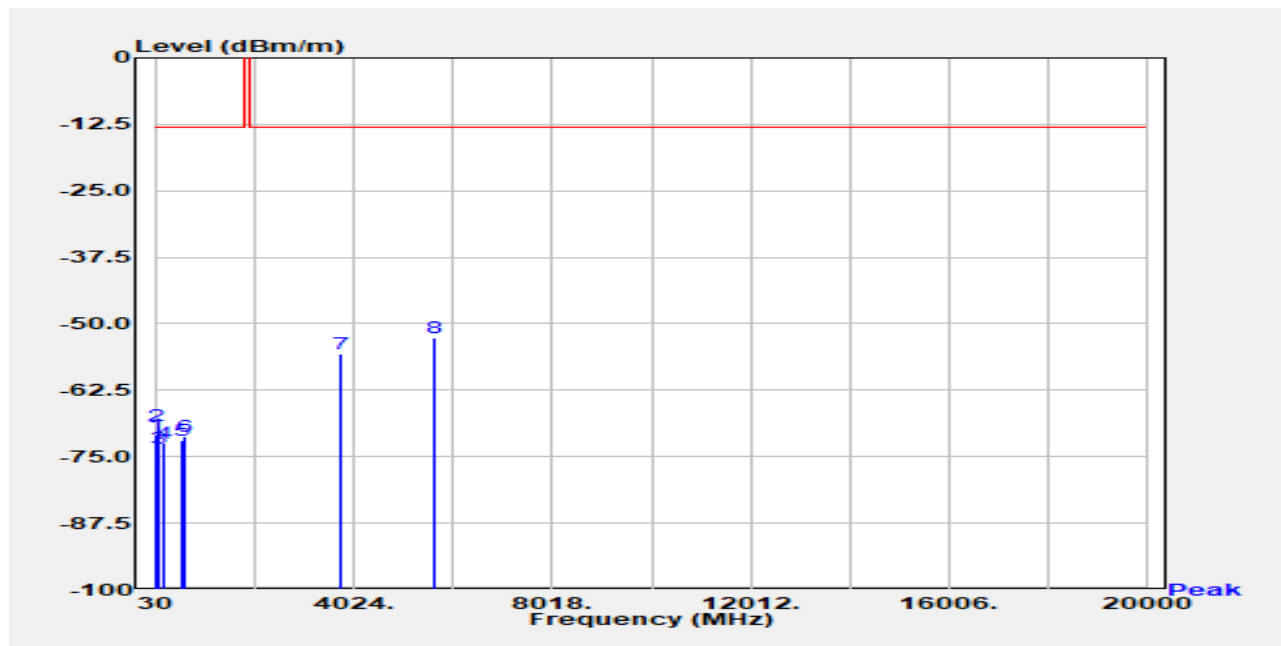
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-70.91	-58.98	-11.30	-0.63	-13.00	-57.91
75.590	-69.27	-66.02	-2.32	-0.92	-13.00	-56.27
103.720	-73.39	-73.54	1.23	-1.09	-13.00	-60.39
211.390	-72.36	-77.59	6.77	-1.54	-13.00	-59.36
555.740	-71.92	-75.91	6.62	-2.62	-13.00	-58.92
606.180	-71.07	-74.57	6.06	-2.56	-13.00	-58.07
3760.000	-55.59	-61.26	12.36	-6.69	-13.00	-42.59
5640.000	-52.65	-57.41	13.18	-8.42	-13.00	-39.65

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B2

Test Date :2023-06-28

Test Mode :Tx

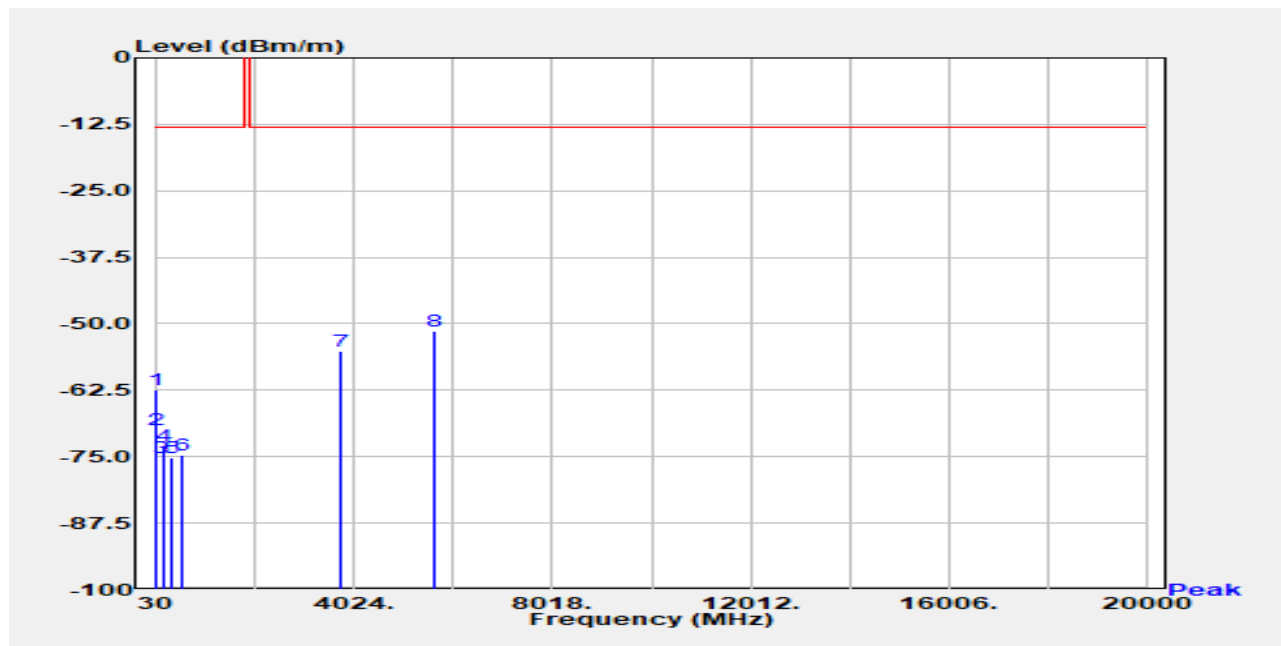
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1880 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-62.42	-50.65	-11.13	-0.64	-13.00	-49.42
71.710	-69.96	-65.05	-4.01	-0.90	-13.00	-56.96
181.320	-75.08	-77.54	3.90	-1.44	-13.00	-62.08
212.360	-72.99	-78.22	6.77	-1.54	-13.00	-59.99
368.530	-75.09	-79.62	6.62	-2.09	-13.00	-62.09
592.600	-74.61	-77.92	6.18	-2.87	-13.00	-61.61
3760.000	-55.20	-60.87	12.36	-6.69	-13.00	-42.20
5640.000	-51.48	-56.23	13.18	-8.42	-13.00	-38.48

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f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2305001076ER

Operation Mode :LTE B2

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :1900 MHz

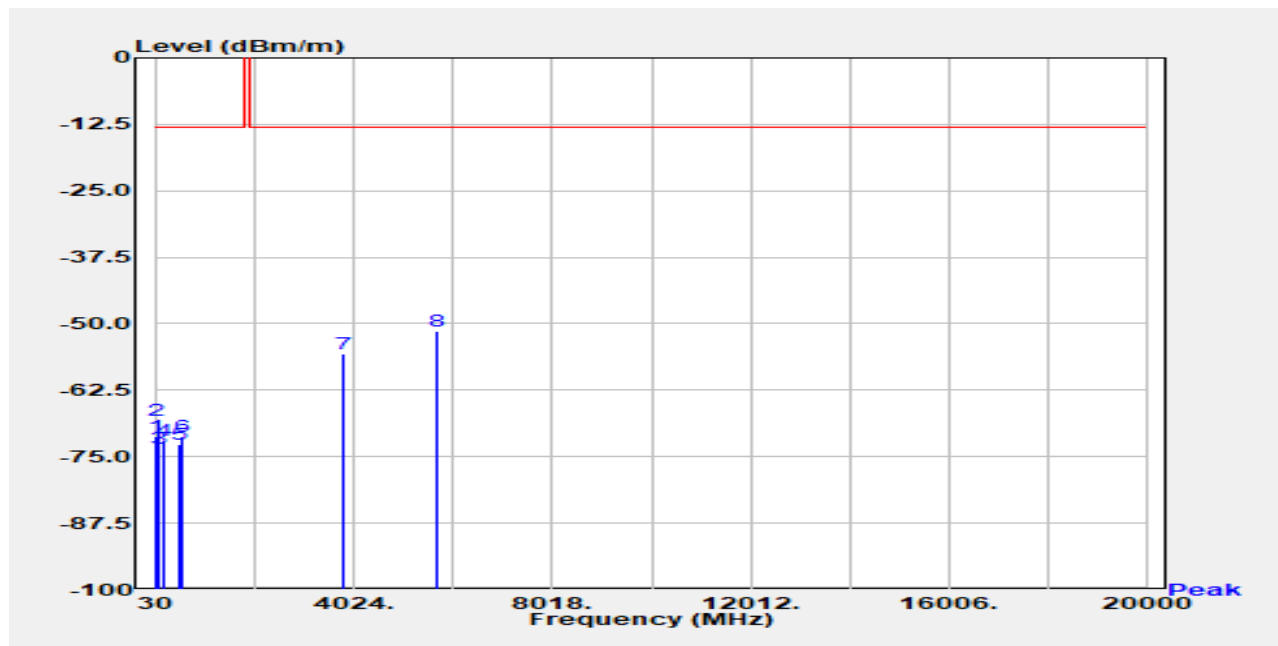
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.10	-58.81	-11.68	-0.61	-13.00	-58.10
75.590	-68.25	-65.00	-2.32	-0.92	-13.00	-55.25
105.660	-73.46	-73.44	1.08	-1.09	-13.00	-60.46
210.420	-71.88	-77.11	6.77	-1.54	-13.00	-58.88
533.430	-72.75	-76.87	6.47	-2.36	-13.00	-59.75
593.570	-71.06	-74.39	6.16	-2.83	-13.00	-58.06
3800.000	-55.61	-61.06	12.20	-6.75	-13.00	-42.61
5700.000	-51.38	-55.91	13.00	-8.47	-13.00	-38.38

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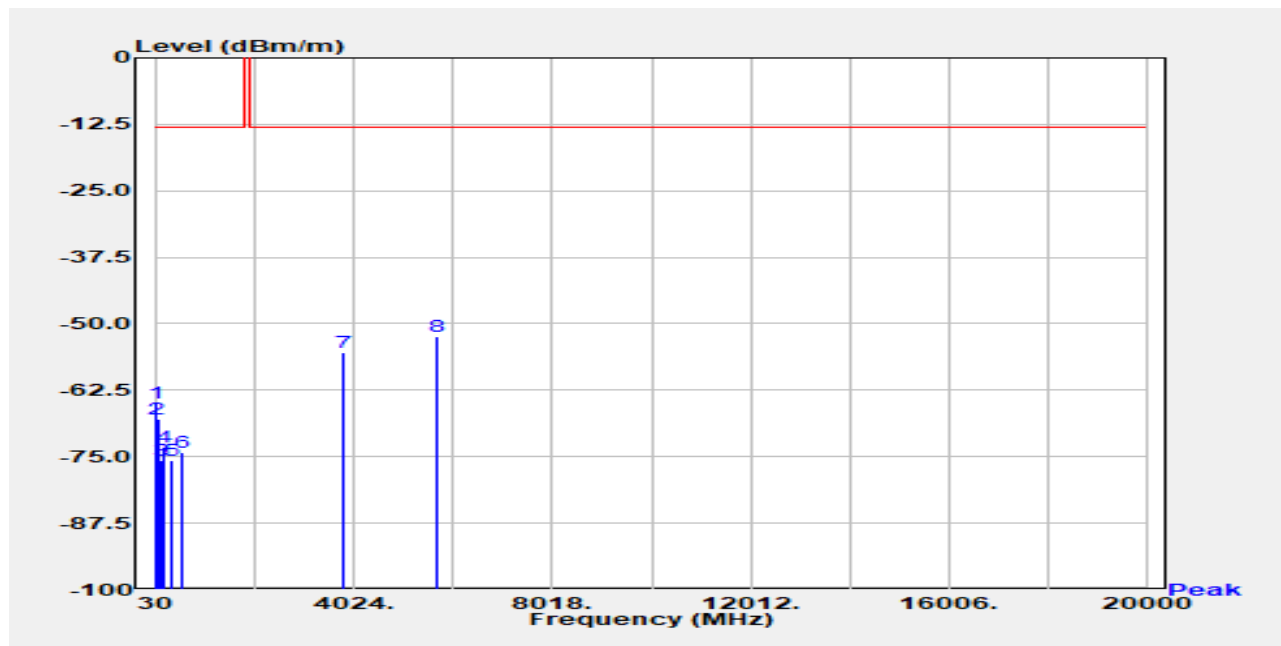
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Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B2
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :1900 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-64.87	-53.10	-11.13	-0.64	-13.00	-51.87
75.590	-67.80	-64.56	-2.32	-0.92	-13.00	-54.80
179.380	-75.72	-77.80	3.51	-1.43	-13.00	-62.72
212.360	-73.19	-78.42	6.77	-1.54	-13.00	-60.19
353.010	-75.72	-80.32	6.68	-2.08	-13.00	-62.72
549.920	-74.09	-78.46	6.74	-2.37	-13.00	-61.09
3800.000	-55.42	-60.87	12.20	-6.75	-13.00	-42.42
5700.000	-52.47	-57.00	13.00	-8.47	-13.00	-39.47

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Report Number :TERF2305001076ER

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :1720 MHz

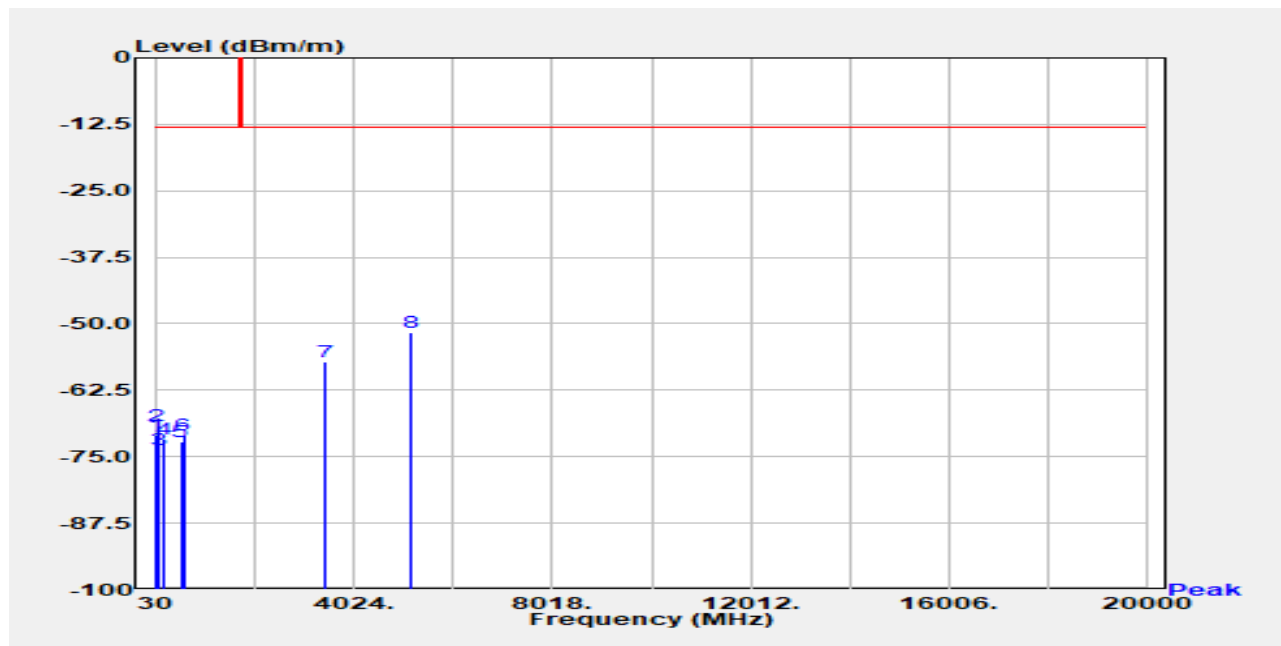
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-70.88	-58.95	-11.30	-0.63	-13.00	-57.88
75.590	-69.21	-65.96	-2.32	-0.92	-13.00	-56.21
102.750	-73.58	-73.86	1.37	-1.08	-13.00	-60.58
213.330	-71.80	-77.03	6.78	-1.55	-13.00	-58.80
547.010	-72.29	-76.61	6.69	-2.37	-13.00	-59.29
600.360	-70.92	-74.47	6.09	-2.54	-13.00	-57.92
3440.000	-57.24	-63.30	12.42	-6.36	-13.00	-44.24
5160.000	-51.65	-55.92	12.24	-7.97	-13.00	-38.65

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B4

Test Date :2023-06-28

Test Mode :Tx

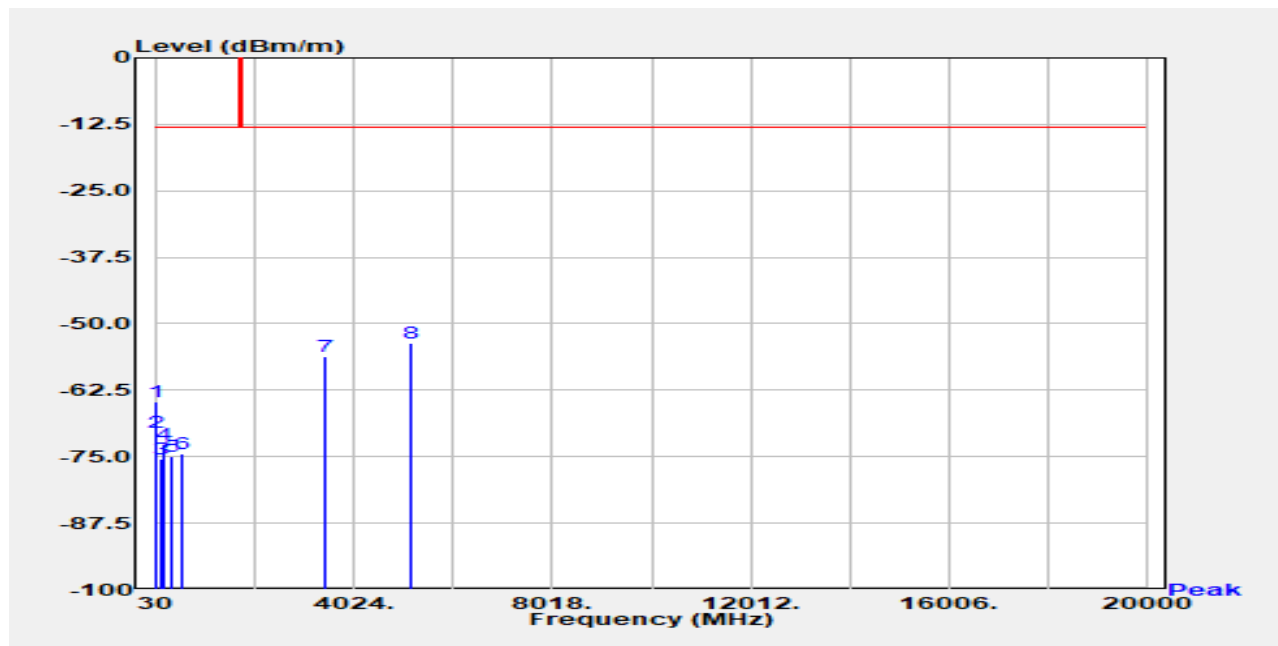
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1720 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-64.67	-52.91	-11.13	-0.64	-13.00	-51.67
69.770	-70.40	-64.96	-4.54	-0.89	-13.00	-57.40
174.530	-75.32	-76.56	2.67	-1.42	-13.00	-62.32
213.330	-72.78	-78.01	6.78	-1.55	-13.00	-59.78
342.340	-74.90	-79.27	6.47	-2.10	-13.00	-61.90
550.890	-74.39	-78.70	6.72	-2.41	-13.00	-61.39
3440.000	-56.15	-62.20	12.42	-6.36	-13.00	-43.15
5160.000	-53.73	-58.00	12.24	-7.97	-13.00	-40.73

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Report Number :TERF2305001076ER

Operation Mode :LTE B4

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :1732.5 MHz

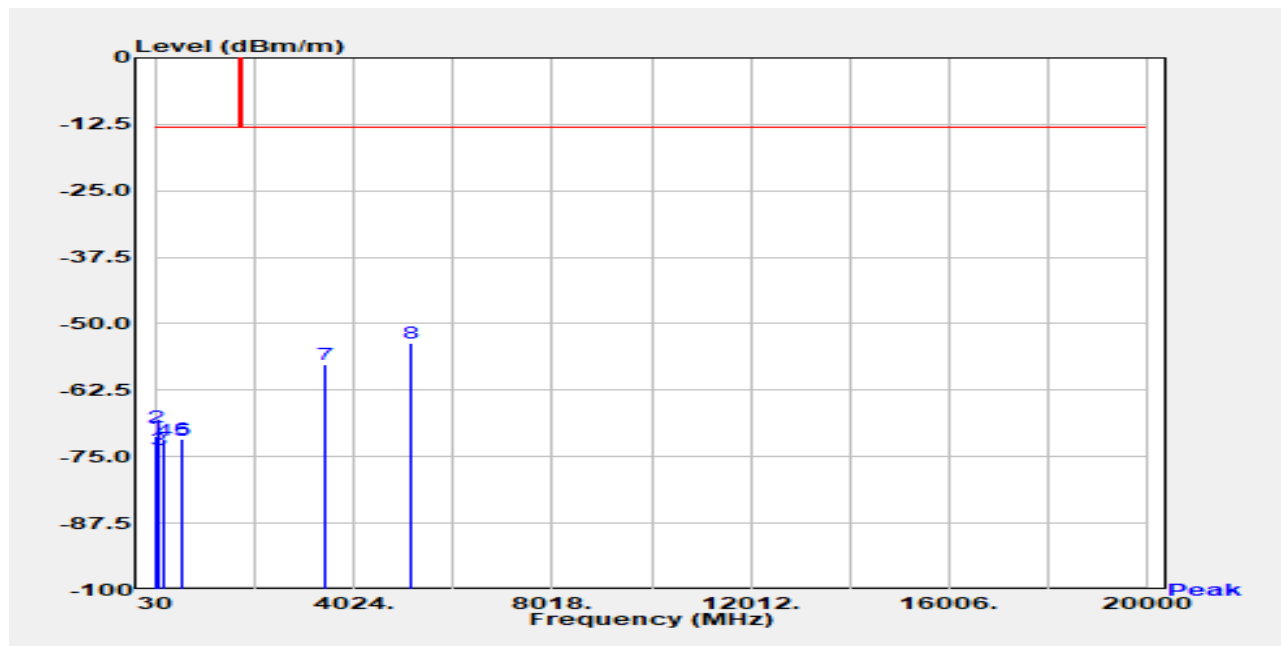
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-71.12	-59.35	-11.13	-0.64	-13.00	-58.12
75.590	-69.33	-66.08	-2.32	-0.92	-13.00	-56.33
103.720	-73.59	-73.74	1.23	-1.09	-13.00	-60.59
214.300	-71.86	-77.09	6.78	-1.55	-13.00	-58.86
565.440	-72.05	-75.73	6.46	-2.78	-13.00	-59.05
597.450	-71.73	-75.18	6.11	-2.65	-13.00	-58.73
3465.000	-57.71	-63.71	12.37	-6.37	-13.00	-44.71
5197.500	-53.56	-57.98	12.39	-7.97	-13.00	-40.56

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B4

Test Date :2023-06-28

Test Mode :Tx

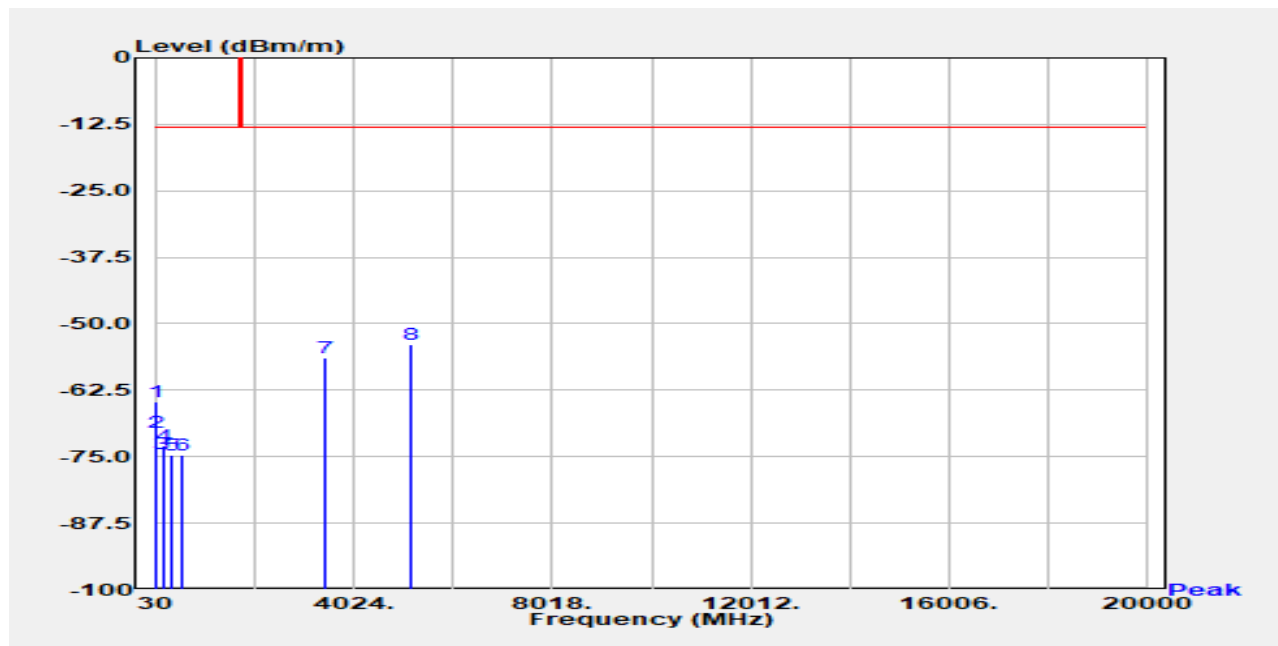
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1732.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-64.63	-52.86	-11.13	-0.64	-13.00	-51.63
71.710	-70.40	-65.49	-4.01	-0.90	-13.00	-57.40
181.320	-74.54	-77.00	3.90	-1.44	-13.00	-61.54
211.390	-73.05	-78.28	6.77	-1.54	-13.00	-60.05
377.260	-74.59	-78.88	6.37	-2.09	-13.00	-61.59
552.830	-74.59	-78.76	6.67	-2.50	-13.00	-61.59
3465.000	-56.34	-62.35	12.37	-6.37	-13.00	-43.34
5197.500	-53.77	-58.19	12.39	-7.97	-13.00	-40.77

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B4

Test Date :2023-06-28

Test Mode :Tx

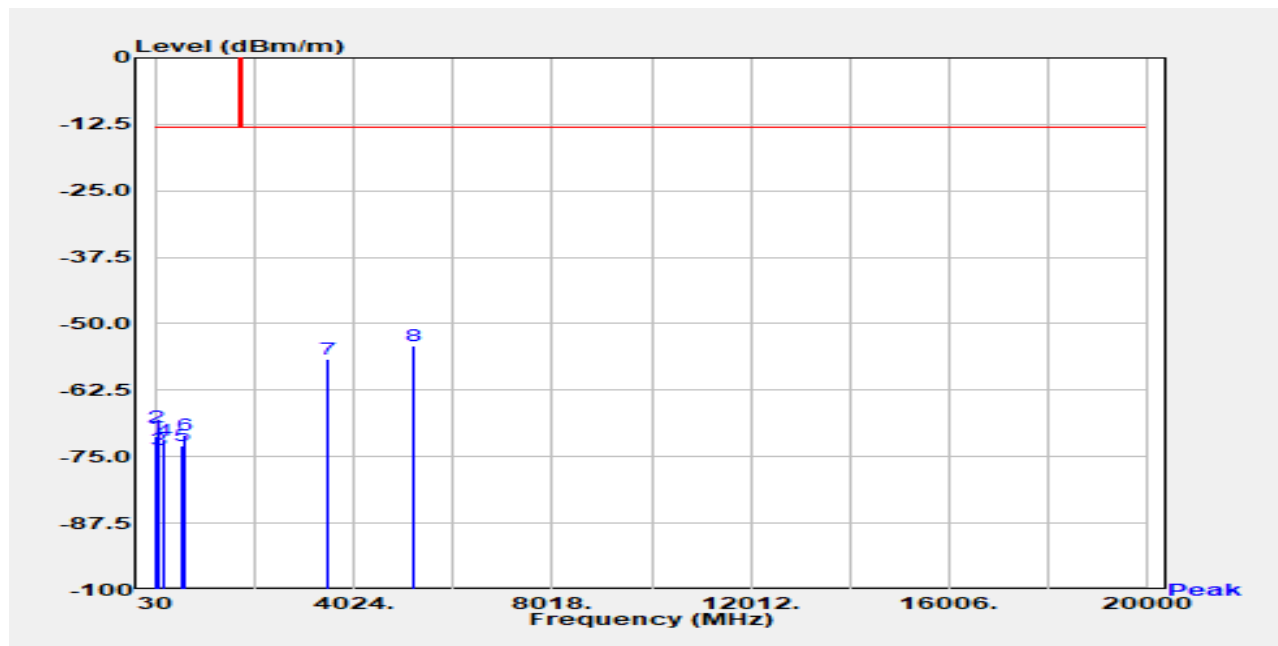
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :1745 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-71.20	-59.27	-11.30	-0.63	-13.00	-58.20
75.590	-69.36	-66.11	-2.32	-0.92	-13.00	-56.36
101.780	-73.69	-73.92	1.30	-1.08	-13.00	-60.69
210.420	-72.02	-77.25	6.77	-1.54	-13.00	-59.02
555.740	-72.84	-76.83	6.62	-2.62	-13.00	-59.84
601.330	-71.05	-74.59	6.08	-2.55	-13.00	-58.05
3490.000	-56.68	-62.63	12.32	-6.37	-13.00	-43.68
5235.000	-54.13	-58.77	12.68	-8.04	-13.00	-41.13

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B4

Test Date :2023-06-28

Test Mode :Tx

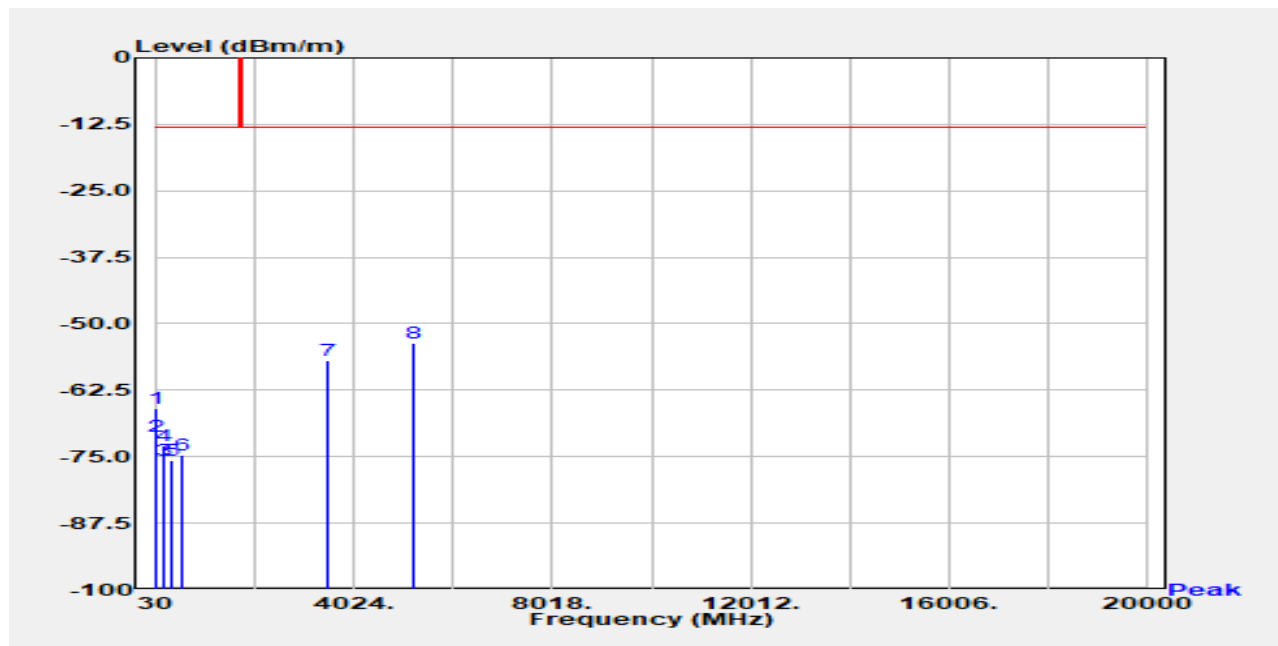
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1745 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-66.02	-54.34	-11.06	-0.62	-13.00	-53.02
74.620	-71.16	-67.55	-2.69	-0.92	-13.00	-58.16
182.290	-75.61	-78.13	3.97	-1.45	-13.00	-62.61
212.360	-72.95	-78.18	6.77	-1.54	-13.00	-59.95
353.010	-75.62	-80.22	6.68	-2.08	-13.00	-62.62
597.450	-74.69	-78.15	6.11	-2.65	-13.00	-61.69
3490.000	-56.78	-62.73	12.32	-6.37	-13.00	-43.78
5235.000	-53.56	-58.20	12.68	-8.04	-13.00	-40.56

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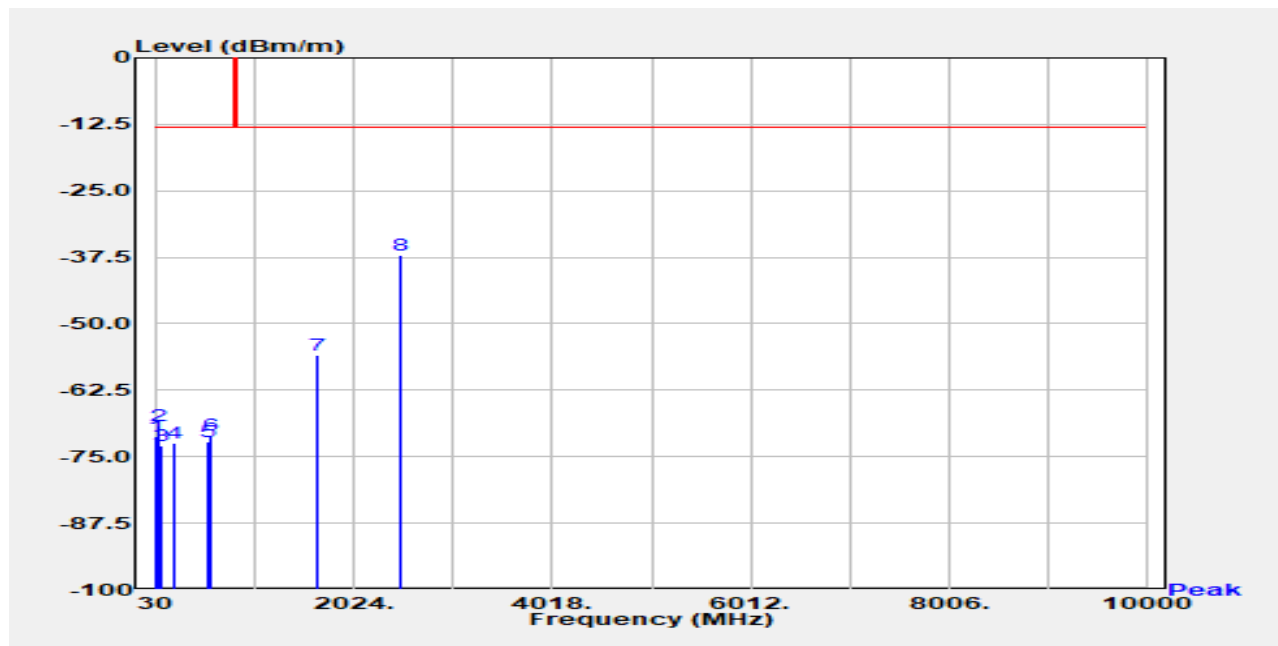
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Member of SGS Group

Report Number :TERF2305001076ER
Operation Mode :LTE B5
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :829 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



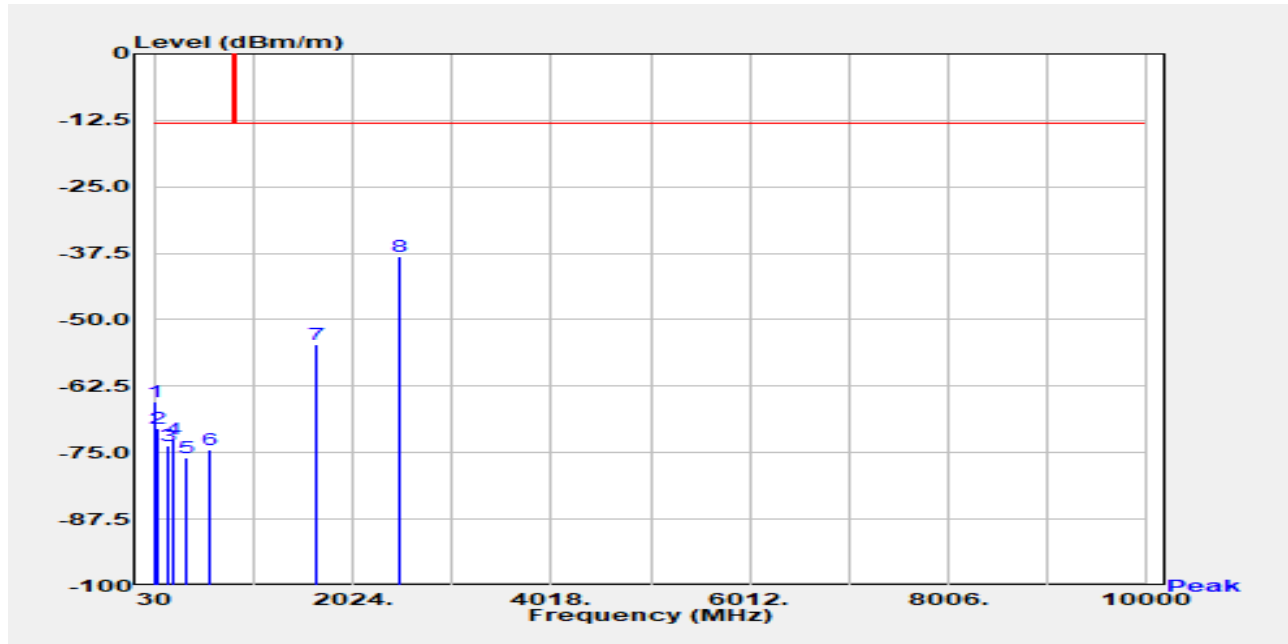
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-71.16	-59.23	-11.30	-0.63	-13.00	-58.16
75.590	-69.14	-65.89	-2.32	-0.92	-13.00	-56.14
103.720	-72.98	-73.13	1.23	-1.09	-13.00	-59.98
211.390	-72.50	-77.73	6.77	-1.54	-13.00	-59.50
562.530	-72.17	-75.90	6.53	-2.79	-13.00	-59.17
593.570	-70.82	-74.15	6.16	-2.83	-13.00	-57.82
1658.000	-55.94	-65.86	9.36	-4.45	-13.00	-42.94
2487.000	-37.19	-45.19	10.55	-5.55	-13.00	-24.19

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Report Number :TERF2305001076ER
Operation Mode :LTE B5
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :829 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-65.34	-53.57	-11.13	-0.64	-13.00	-52.34
75.590	-70.35	-67.11	-2.32	-0.92	-13.00	-57.35
180.350	-73.62	-75.85	3.66	-1.43	-13.00	-60.62
213.330	-72.55	-77.78	6.78	-1.55	-13.00	-59.55
352.040	-75.85	-80.43	6.66	-2.08	-13.00	-62.85
589.690	-74.39	-77.66	6.25	-2.98	-13.00	-61.39
1658.000	-54.74	-61.66	9.36	-4.45	-13.00	-41.74
2487.000	-37.97	-42.97	10.55	-5.55	-13.00	-24.97

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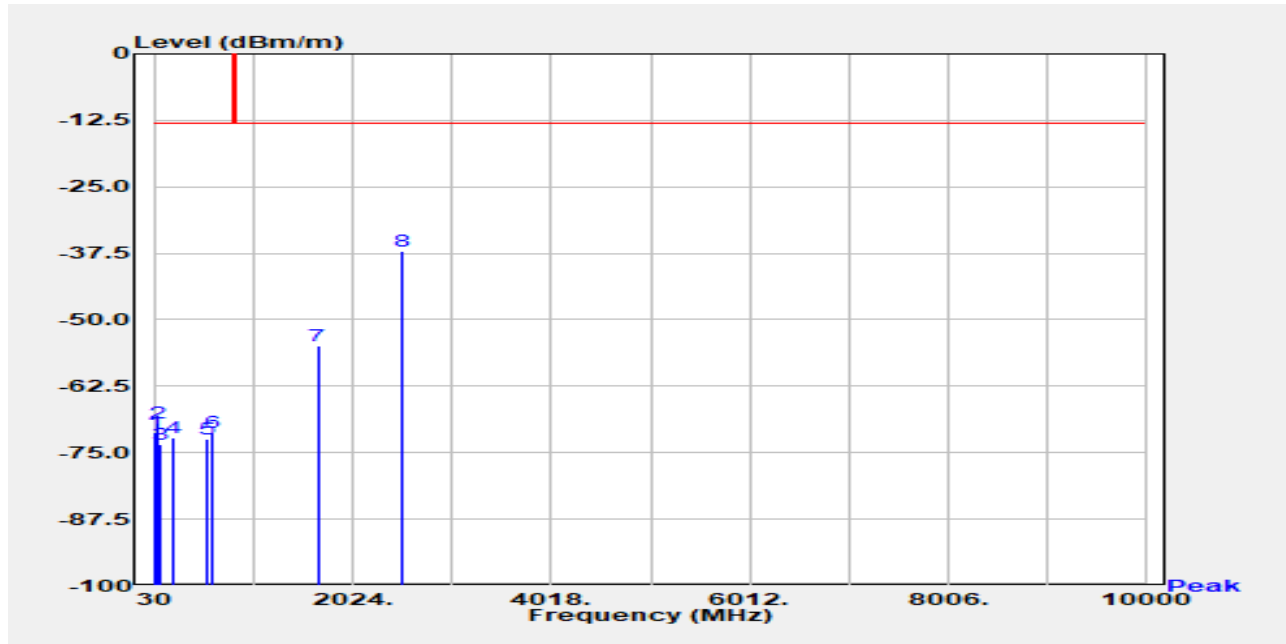
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Member of SGS Group

Report Number :TERF2305001076ER
Operation Mode :LTE B5
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :836.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-71.12	-59.19	-11.30	-0.63	-13.00	-58.12
75.590	-69.53	-66.29	-2.32	-0.92	-13.00	-56.53
102.750	-73.54	-73.83	1.37	-1.08	-13.00	-60.54
211.390	-72.20	-77.43	6.77	-1.54	-13.00	-59.20
553.800	-72.49	-76.60	6.65	-2.54	-13.00	-59.49
611.030	-71.21	-74.66	6.03	-2.58	-13.00	-58.21
1673.000	-54.95	-59.97	9.49	-4.47	-13.00	-41.95
2509.500	-37.08	-44.11	10.60	-5.57	-13.00	-24.08

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B5

Test Date :2023-06-28

Test Mode :Tx

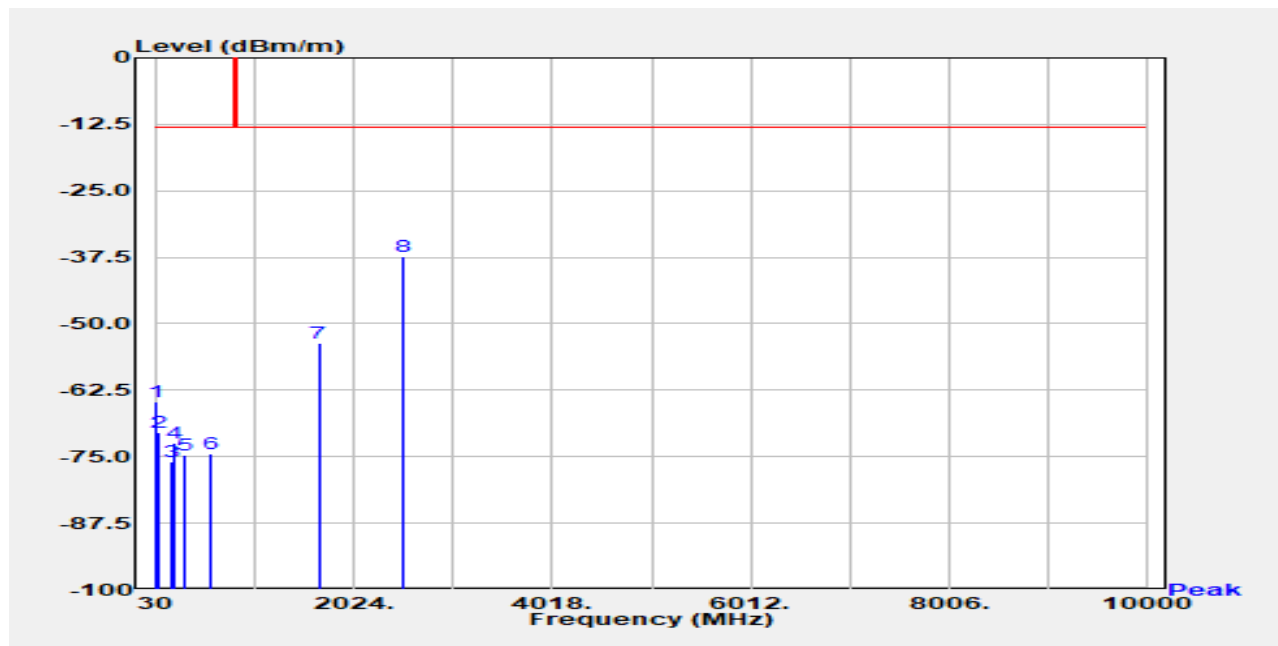
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :836.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-64.76	-53.38	-10.72	-0.65	-13.00	-51.76
70.740	-70.55	-65.35	-4.30	-0.89	-13.00	-57.55
188.110	-75.83	-79.18	4.84	-1.49	-13.00	-62.83
212.360	-72.37	-77.60	6.77	-1.54	-13.00	-59.37
338.460	-74.68	-78.95	6.32	-2.06	-13.00	-61.68
596.480	-74.41	-77.82	6.11	-2.70	-13.00	-61.41
1673.000	-53.73	-65.75	9.49	-4.47	-13.00	-40.73
2509.500	-37.28	-46.31	10.60	-5.57	-13.00	-24.28

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B5

Test Date :2023-06-28

Test Mode :Tx

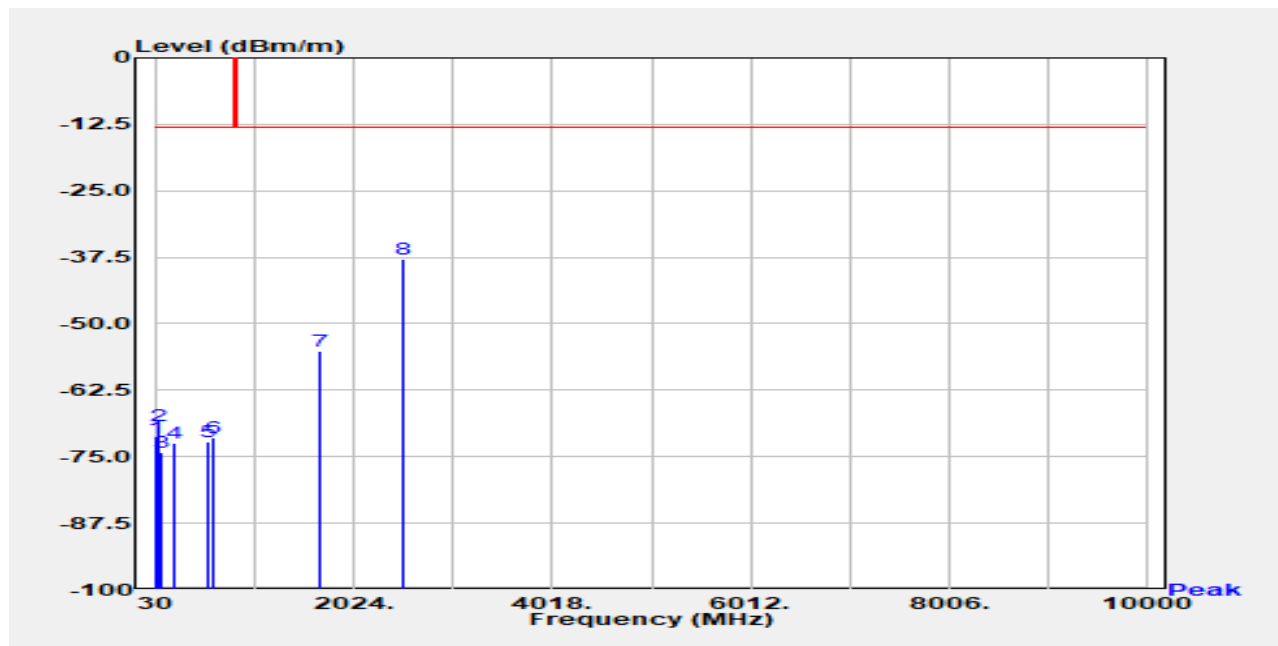
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :844 MHz

Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	dBm	dB
		dBm	dBi/dBd	dB		
31.940	-71.47	-59.18	-11.68	-0.61	-13.00	-58.47
75.590	-69.12	-65.87	-2.32	-0.92	-13.00	-56.12
103.720	-74.14	-74.28	1.23	-1.09	-13.00	-61.14
214.300	-72.45	-77.68	6.78	-1.55	-13.00	-59.45
553.800	-72.29	-76.40	6.65	-2.54	-13.00	-59.29
603.270	-71.46	-74.98	6.08	-2.55	-13.00	-58.46
1688.000	-55.07	-60.19	9.61	-4.48	-13.00	-42.07
2532.000	-37.93	-44.94	10.60	-5.58	-13.00	-24.93

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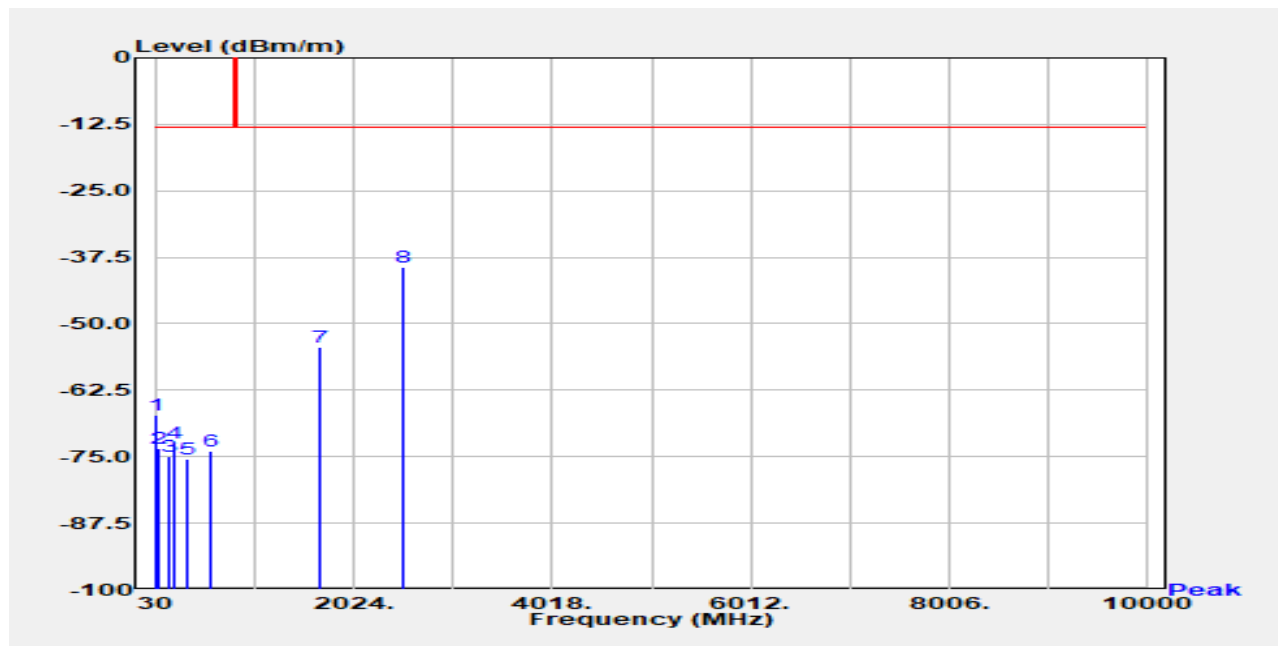
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Member of SGS Group

Report Number :TERF2305001076ER
Operation Mode :LTE B5
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :844 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
34.850	-67.14	-55.37	-11.13	-0.64	-13.00	-54.14
75.590	-73.54	-70.29	-2.32	-0.92	-13.00	-60.54
177.440	-74.97	-76.74	3.20	-1.43	-13.00	-61.97
213.330	-72.42	-77.65	6.78	-1.55	-13.00	-59.42
345.250	-75.39	-79.89	6.59	-2.09	-13.00	-62.39
582.900	-73.96	-77.43	6.32	-2.86	-13.00	-60.96
1688.000	-54.31	-65.43	9.61	-4.48	-13.00	-41.31
2532.000	-39.47	-63.49	10.60	-5.58	-13.00	-26.47

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B7

Test Date :2023-06-28

Test Mode :Tx

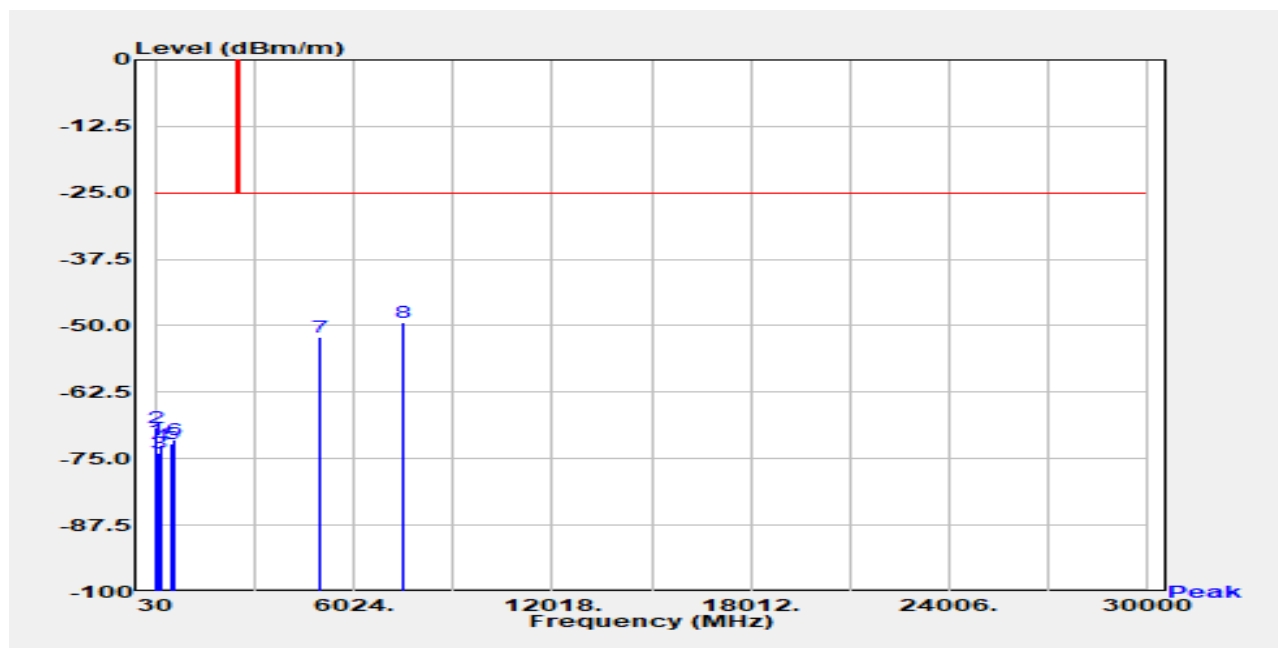
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :2510 MHz

Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
31.940	-71.34	-59.05	-11.68	-0.61	-25.00	-46.34
75.590	-69.07	-65.83	-2.32	-0.92	-25.00	-44.07
102.750	-74.02	-74.31	1.37	-1.08	-25.00	-49.02
209.450	-72.33	-77.53	6.74	-1.54	-25.00	-47.33
549.920	-72.23	-76.60	6.74	-2.37	-25.00	-47.23
596.480	-71.35	-74.76	6.11	-2.70	-25.00	-46.35
5020.000	-52.20	-56.72	12.46	-7.94	-25.00	-27.20
7530.000	-49.41	-50.69	11.12	-9.84	-25.00	-24.41

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Member of SGS Group

Report Number :TERF2305001076ER

Operation Mode :LTE B7

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :2510 MHz

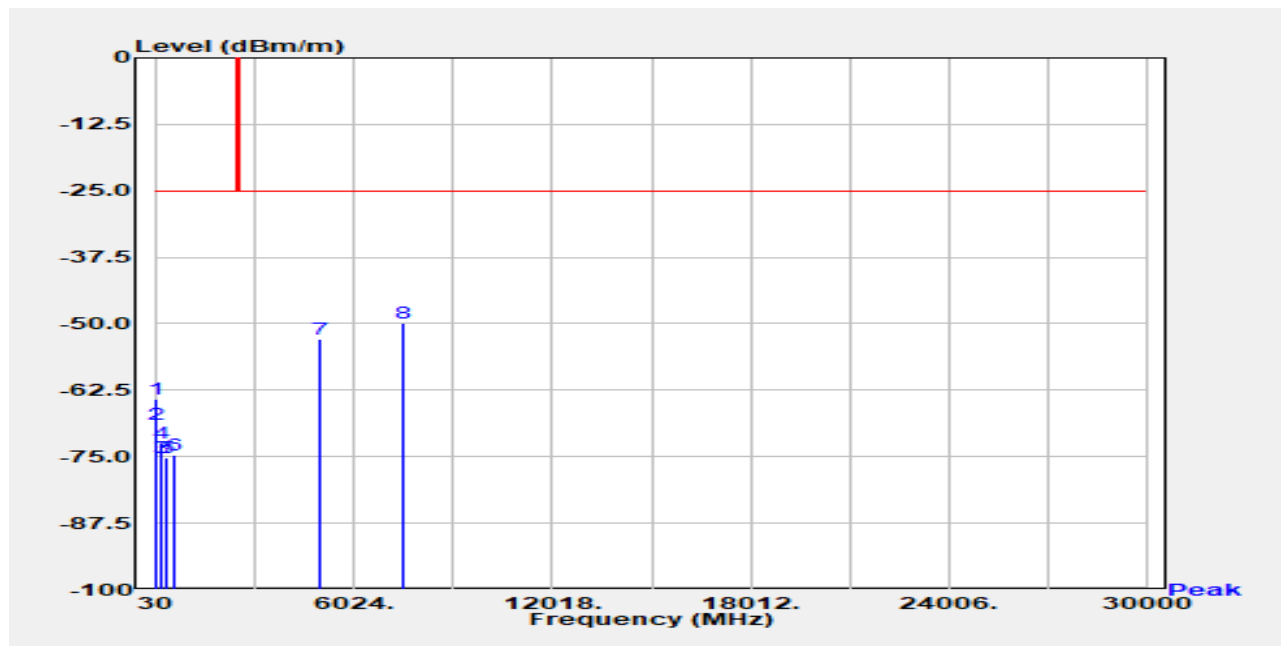
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Horizontal

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-64.25	-52.32	-11.30	-0.63	-25.00	-39.25
75.590	-69.04	-65.79	-2.32	-0.92	-25.00	-44.04
182.290	-75.11	-77.63	3.97	-1.45	-25.00	-50.11
212.360	-72.36	-77.59	6.77	-1.54	-25.00	-47.36
368.530	-75.17	-79.70	6.62	-2.09	-25.00	-50.17
598.420	-74.76	-78.25	6.10	-2.61	-25.00	-49.76
5020.000	-52.88	-57.39	12.46	-7.94	-25.00	-27.88
7530.000	-49.85	-51.14	11.12	-9.84	-25.00	-24.85

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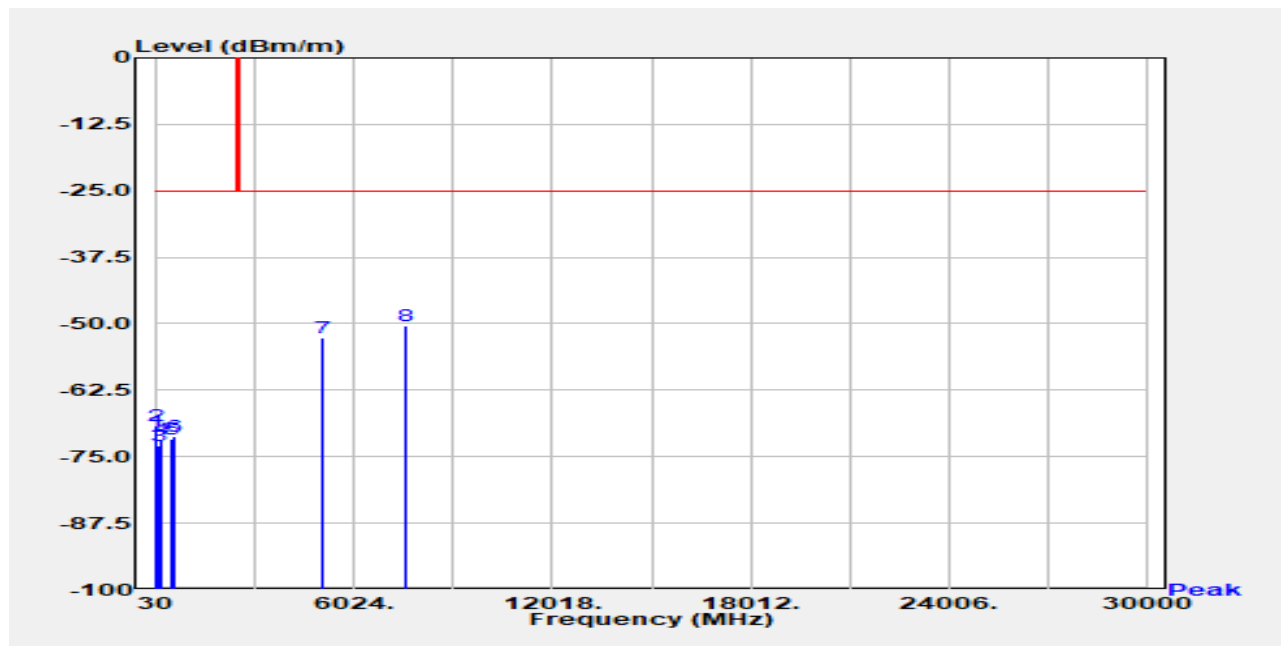
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B7
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2535 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-70.07	-57.78	-11.68	-0.61	-25.00	-45.07
75.590	-69.17	-65.92	-2.32	-0.92	-25.00	-44.17
102.750	-72.90	-73.19	1.37	-1.08	-25.00	-47.90
213.330	-71.70	-76.93	6.78	-1.55	-25.00	-46.70
544.100	-71.80	-76.07	6.65	-2.38	-25.00	-46.80
603.270	-71.13	-74.65	6.08	-2.55	-25.00	-46.13
5070.000	-52.65	-57.05	12.36	-7.95	-25.00	-27.65
7605.000	-50.35	-51.57	11.30	-10.08	-25.00	-25.35

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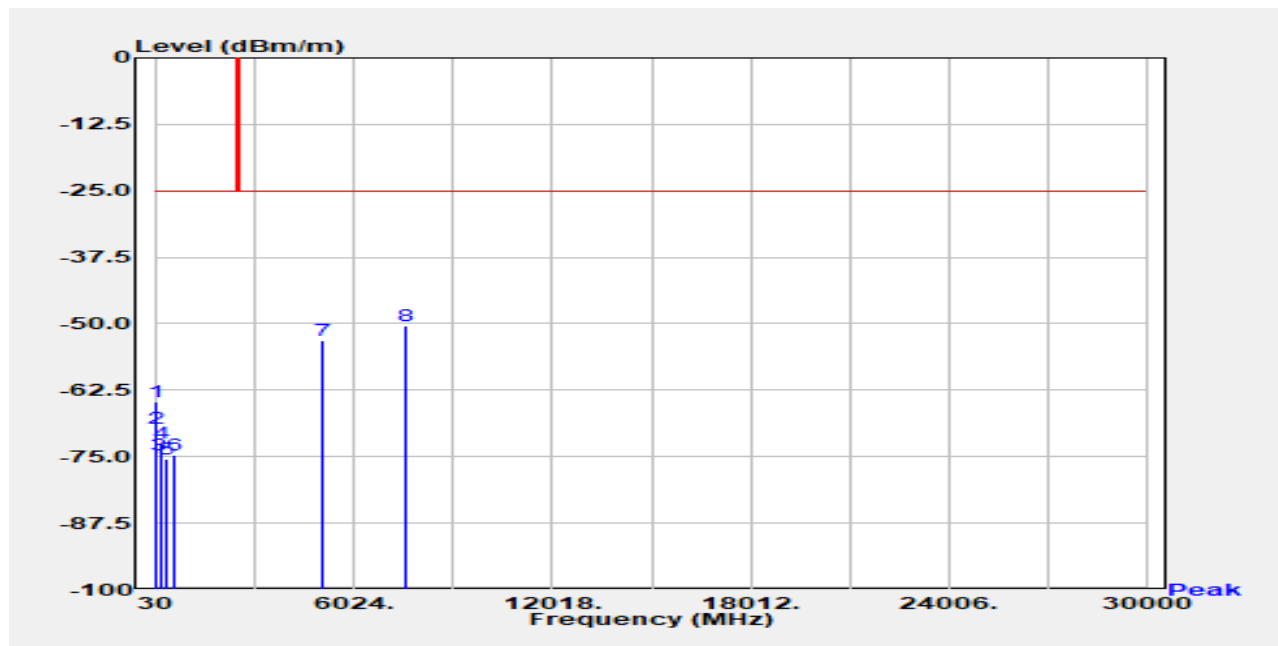
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B7
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2535 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-64.69	-52.76	-11.30	-0.63	-25.00	-39.69
69.770	-69.77	-64.33	-4.54	-0.89	-25.00	-44.77
178.410	-74.56	-76.54	3.40	-1.43	-25.00	-49.56
212.360	-72.52	-77.75	6.77	-1.54	-25.00	-47.52
353.010	-75.54	-80.14	6.68	-2.08	-25.00	-50.54
611.030	-74.68	-78.13	6.03	-2.58	-25.00	-49.68
5070.000	-53.19	-57.60	12.36	-7.95	-25.00	-28.19
7605.000	-50.43	-51.65	11.30	-10.08	-25.00	-25.43

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B7

Test Date :2023-06-28

Test Mode :Tx

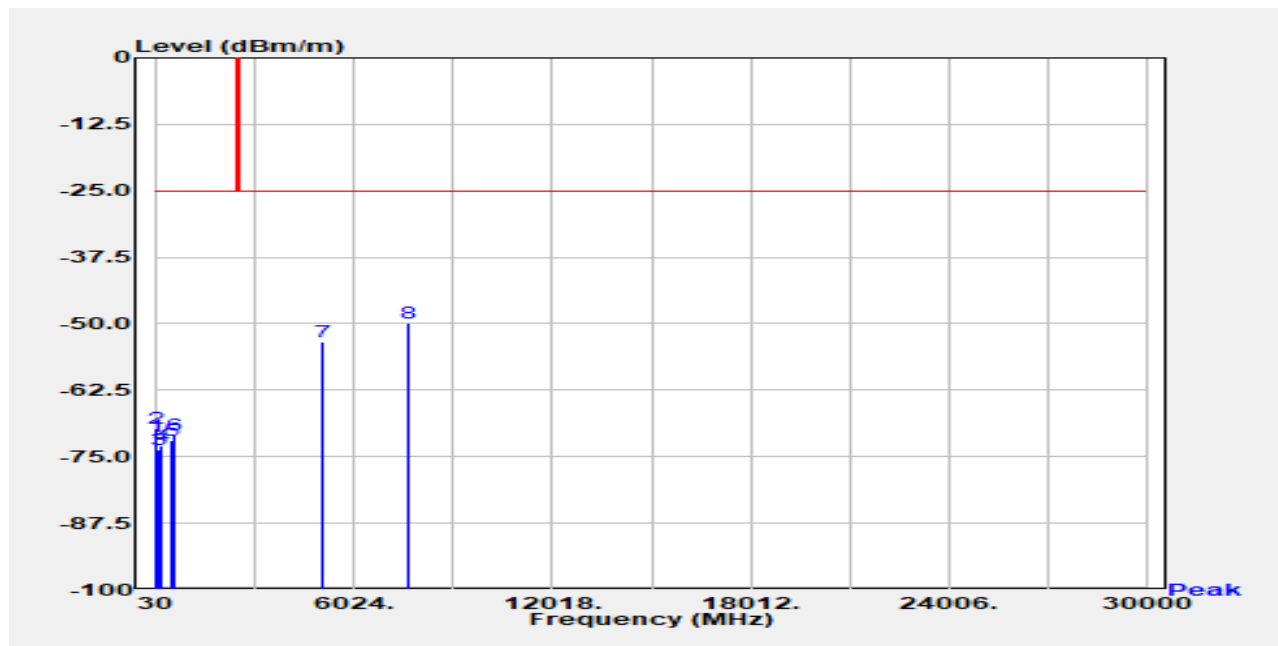
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :2560 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-71.13	-59.20	-11.30	-0.63	-25.00	-46.13
75.590	-69.57	-66.32	-2.32	-0.92	-25.00	-44.57
102.750	-73.60	-73.88	1.37	-1.08	-25.00	-48.60
212.360	-72.84	-78.07	6.77	-1.54	-25.00	-47.84
552.830	-71.89	-76.07	6.67	-2.50	-25.00	-46.89
596.480	-70.96	-74.37	6.11	-2.70	-25.00	-45.96
5120.000	-53.45	-57.75	12.26	-7.96	-25.00	-28.45
7680.000	-49.96	-51.32	11.42	-10.06	-25.00	-24.96

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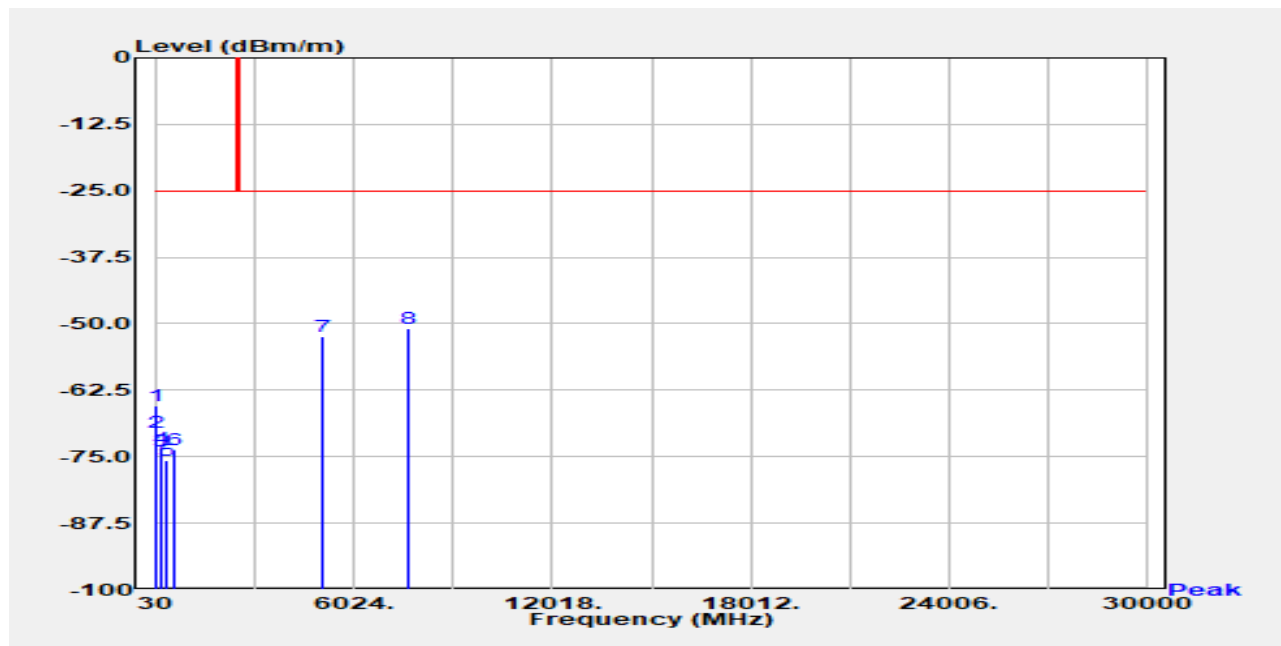
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Report Number :TERF2305001076ER
 Operation Mode :LTE B7
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2560 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-65.38	-54.01	-10.72	-0.65	-25.00	-40.38
69.770	-70.42	-64.99	-4.54	-0.89	-25.00	-45.42
181.320	-73.96	-76.42	3.90	-1.44	-25.00	-48.96
210.420	-73.33	-78.56	6.77	-1.54	-25.00	-48.33
345.250	-75.81	-80.31	6.59	-2.09	-25.00	-50.81
597.450	-73.73	-77.18	6.11	-2.65	-25.00	-48.73
5120.000	-52.31	-56.61	12.26	-7.96	-25.00	-27.31
7680.000	-50.76	-52.11	11.42	-10.06	-25.00	-25.76

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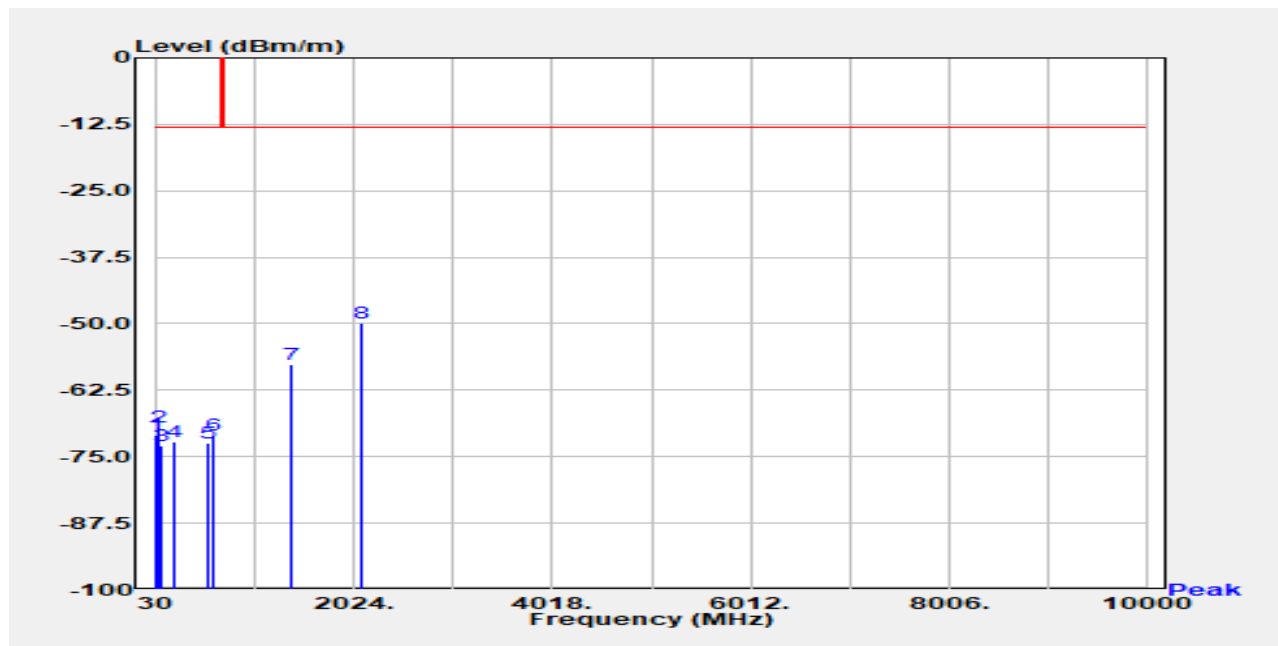
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Report Number :TERF2305001076ER
Operation Mode :LTE B12
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :704 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



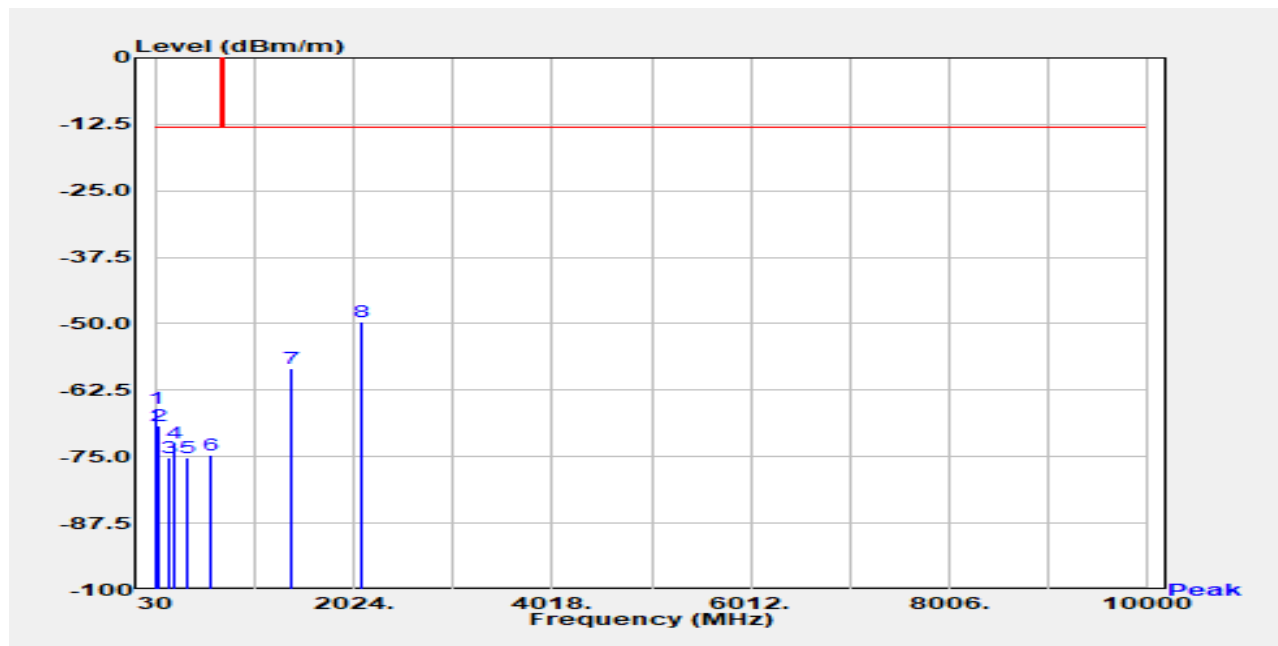
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
31.940	-70.85	-58.56	-11.68	-0.61	-13.00	-57.85
75.590	-69.38	-66.13	-2.32	-0.92	-13.00	-56.38
99.840	-73.05	-73.41	1.43	-1.07	-13.00	-60.05
213.330	-72.06	-77.29	6.78	-1.55	-13.00	-59.06
556.710	-72.37	-76.31	6.61	-2.67	-13.00	-59.37
610.060	-71.03	-74.49	6.04	-2.58	-13.00	-58.03
1408.000	-57.77	-63.34	7.63	-4.06	-13.00	-44.77
2112.000	-49.93	-59.71	9.78	-5.00	-13.00	-36.93

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Report Number :TERF2305001076ER
Operation Mode :LTE B12
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :704 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
33.880	-65.91	-53.98	-11.30	-0.63	-13.00	-52.91
75.590	-69.29	-66.04	-2.32	-0.92	-13.00	-56.29
177.440	-75.16	-76.93	3.20	-1.43	-13.00	-62.16
212.360	-72.44	-77.67	6.77	-1.54	-13.00	-59.44
360.770	-75.07	-79.76	6.75	-2.06	-13.00	-62.07
599.390	-74.60	-78.13	6.09	-2.57	-13.00	-61.60
1408.000	-58.28	-64.85	7.63	-4.06	-13.00	-45.28
2112.000	-49.59	-54.37	9.78	-5.00	-13.00	-36.59

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B12

Test Date :2023-06-28

Test Mode :Tx

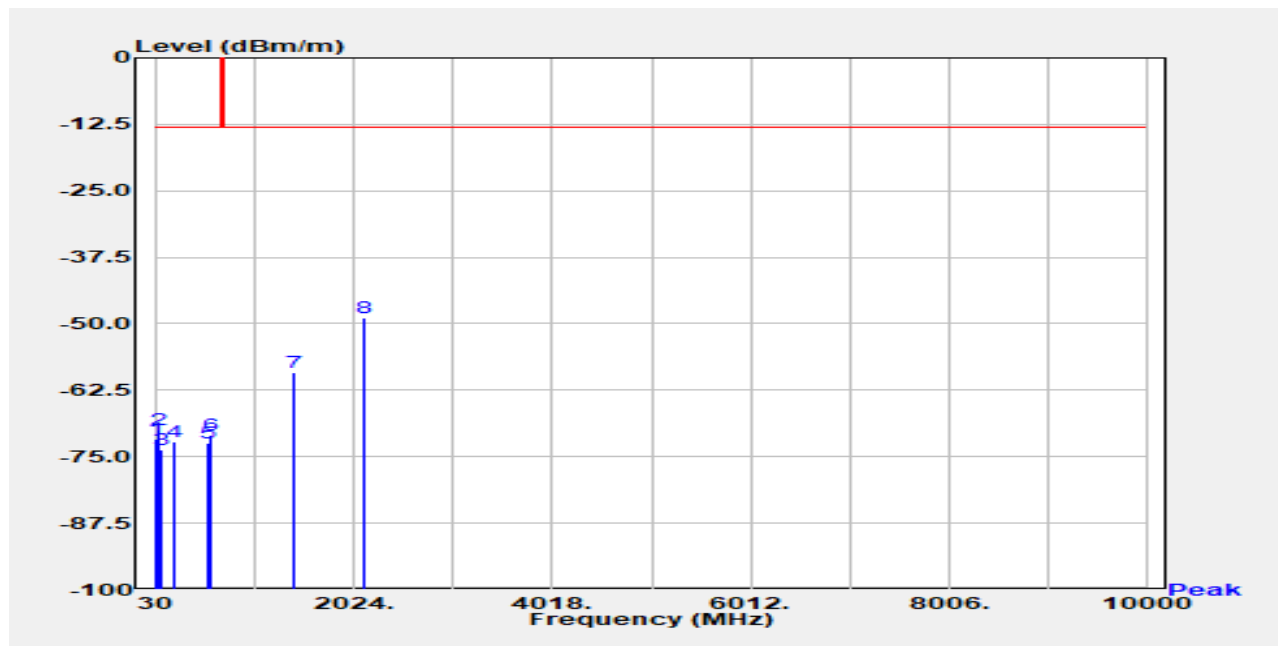
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :707.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.71	-59.41	-11.68	-0.61	-13.00	-58.71
75.590	-70.01	-66.77	-2.32	-0.92	-13.00	-57.01
103.720	-73.58	-73.73	1.23	-1.09	-13.00	-60.58
213.330	-72.06	-77.29	6.78	-1.55	-13.00	-59.06
555.740	-72.50	-76.50	6.62	-2.62	-13.00	-59.50
597.450	-70.99	-74.45	6.11	-2.65	-13.00	-57.99
1415.000	-59.05	-64.64	7.66	-4.07	-13.00	-46.05
2122.500	-48.82	-58.48	9.67	-5.01	-13.00	-35.82

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B12

Test Date :2023-06-28

Test Mode :Tx

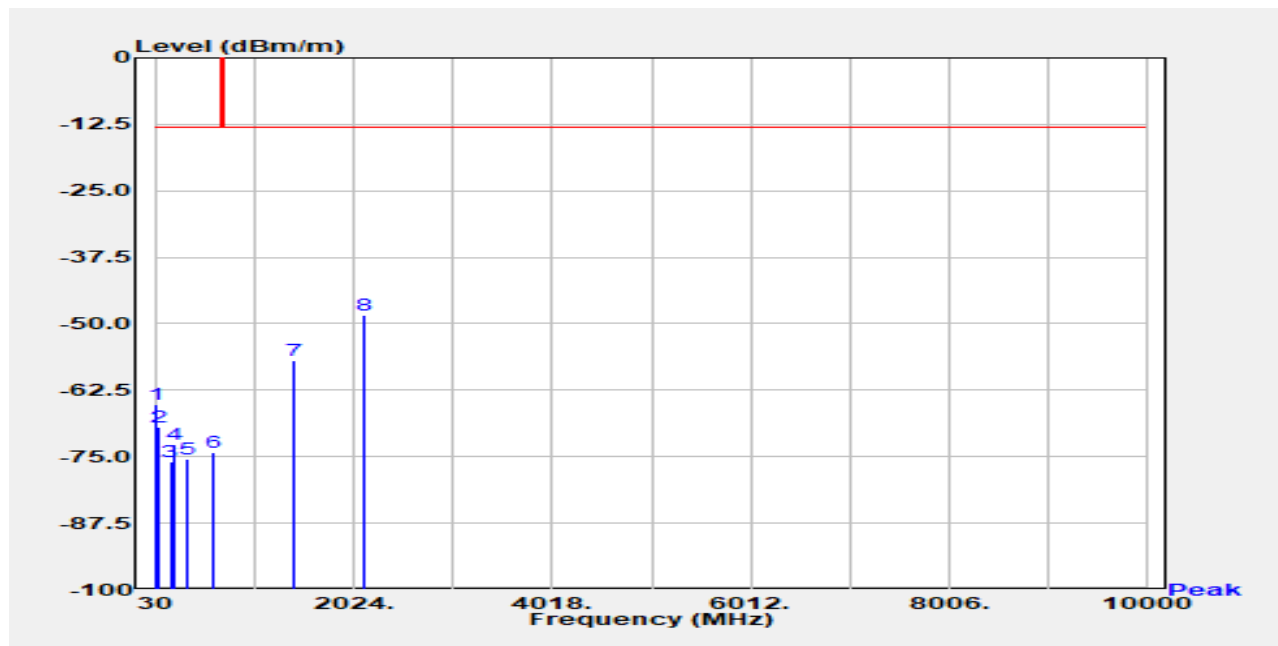
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :707.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-65.24	-53.87	-10.72	-0.65	-13.00	-52.24
75.590	-69.33	-66.09	-2.32	-0.92	-13.00	-56.33
184.230	-75.91	-78.64	4.19	-1.46	-13.00	-62.91
212.360	-72.58	-77.81	6.77	-1.54	-13.00	-59.58
350.100	-75.45	-79.98	6.61	-2.09	-13.00	-62.45
608.120	-74.10	-77.58	6.05	-2.57	-13.00	-61.10
1415.000	-56.96	-60.55	7.66	-4.07	-13.00	-43.96
2122.500	-48.42	-57.09	9.67	-5.01	-13.00	-35.42

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t (886-2) 2299-3279

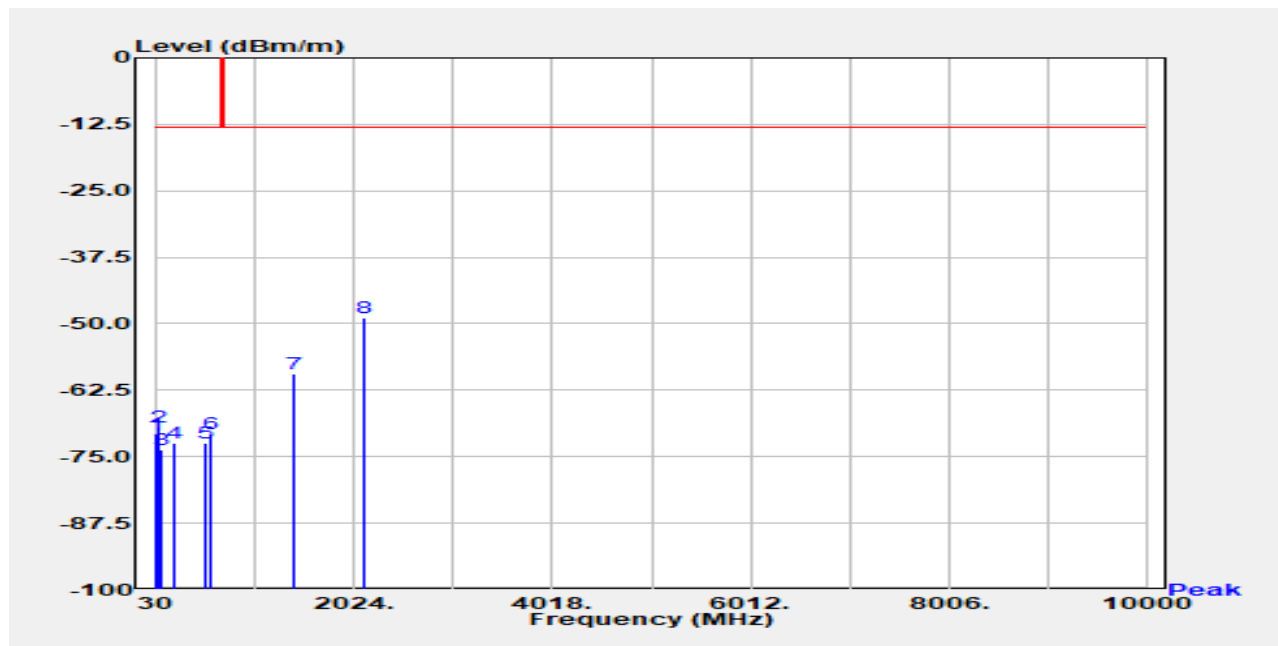
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B12
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :711 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-70.88	-58.95	-11.30	-0.63	-13.00	-57.88
75.590	-69.38	-66.14	-2.32	-0.92	-13.00	-56.38
103.720	-73.70	-73.84	1.23	-1.09	-13.00	-60.70
212.360	-72.46	-77.69	6.77	-1.54	-13.00	-59.46
538.280	-72.35	-76.52	6.55	-2.37	-13.00	-59.35
593.570	-70.76	-74.09	6.16	-2.83	-13.00	-57.76
1422.000	-59.36	-64.97	7.69	-4.08	-13.00	-46.36
2133.000	-48.99	-57.53	9.57	-5.02	-13.00	-35.99

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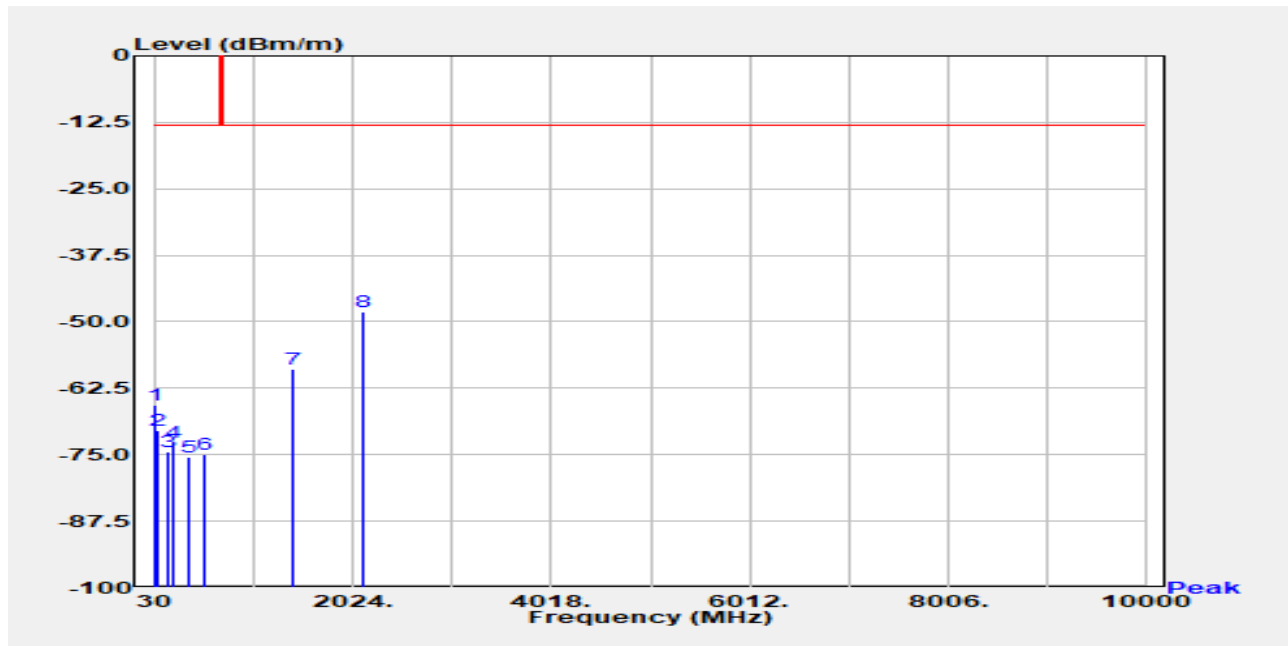
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B12
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :711 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-65.65	-53.71	-11.30	-0.63	-13.00	-52.65
70.740	-70.40	-65.21	-4.30	-0.89	-13.00	-57.40
178.410	-74.53	-76.51	3.40	-1.43	-13.00	-61.53
213.330	-72.71	-77.94	6.78	-1.55	-13.00	-59.71
372.410	-75.43	-79.84	6.50	-2.09	-13.00	-62.43
544.100	-75.00	-79.27	6.65	-2.38	-13.00	-62.00
1422.000	-59.01	-64.62	7.69	-4.08	-13.00	-46.01
2133.000	-48.05	-52.59	9.57	-5.02	-13.00	-35.05

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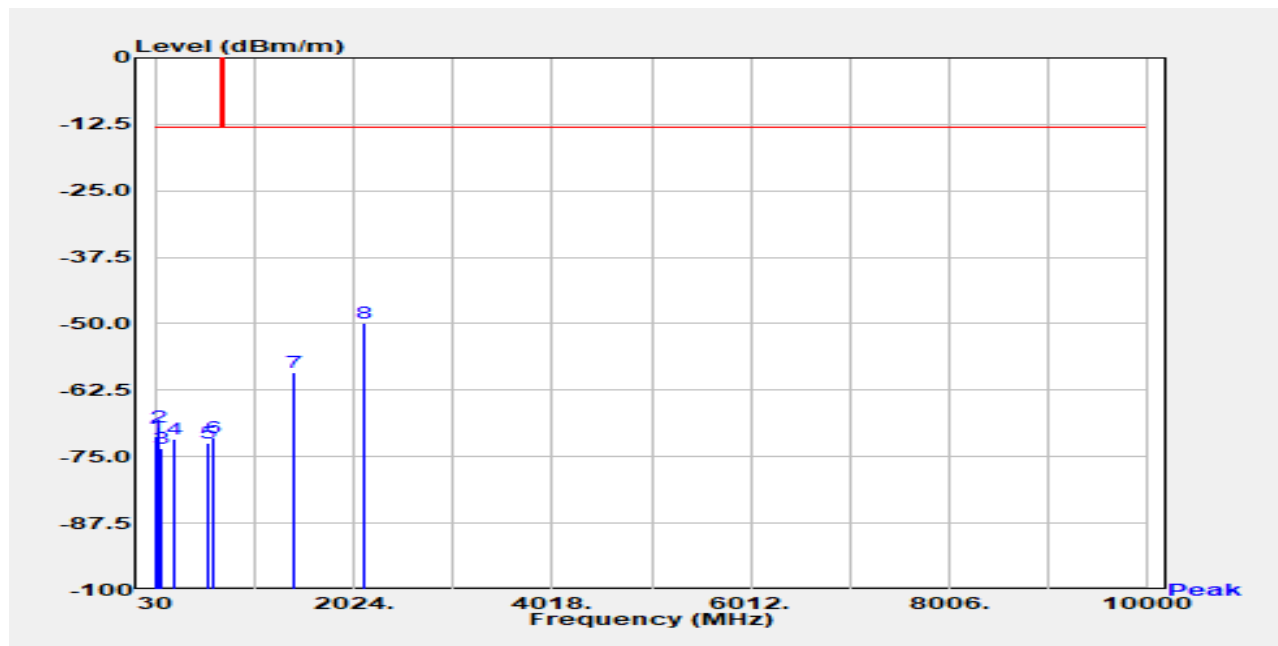
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2305001076ER
Operation Mode :LTE B17
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :709 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-71.21	-59.53	-11.06	-0.62	-13.00	-58.21
75.590	-69.35	-66.10	-2.32	-0.92	-13.00	-56.35
102.750	-73.51	-73.80	1.37	-1.08	-13.00	-60.51
212.360	-71.55	-76.78	6.77	-1.54	-13.00	-58.55
550.890	-72.40	-76.71	6.72	-2.41	-13.00	-59.40
602.300	-71.48	-75.01	6.08	-2.55	-13.00	-58.48
1418.000	-59.07	-64.67	7.67	-4.07	-13.00	-46.07
2127.000	-49.90	-58.52	9.63	-5.02	-13.00	-36.90

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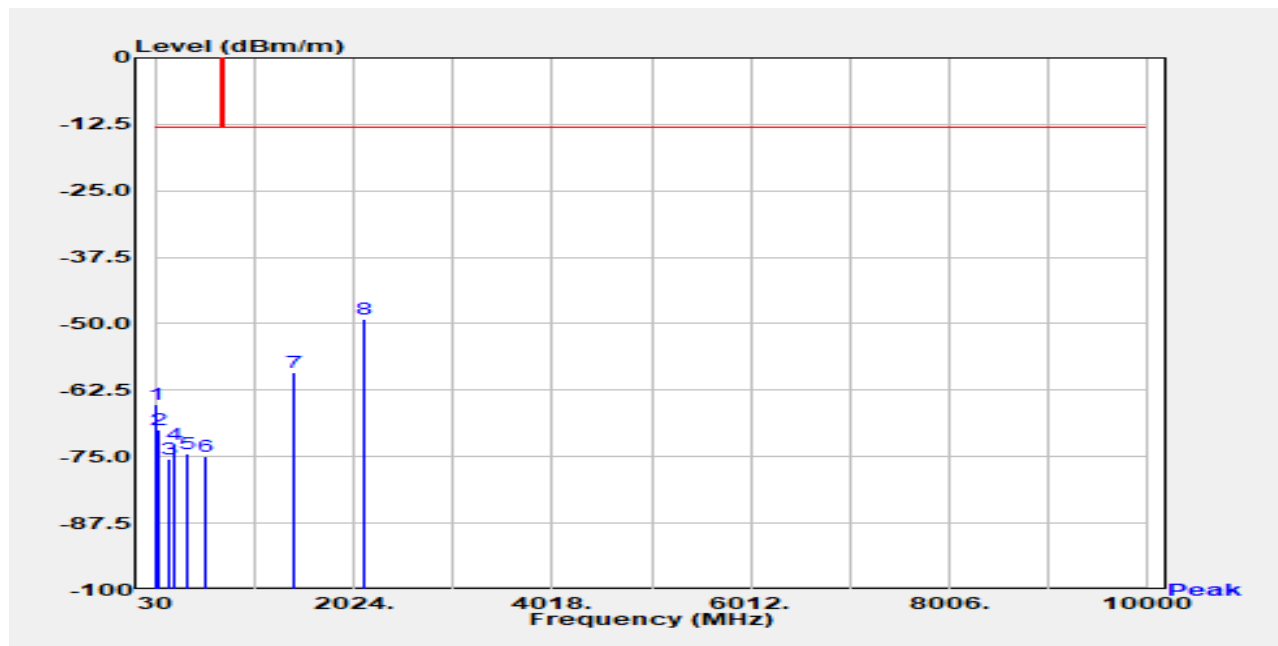
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2305001076ER
Operation Mode :LTE B17
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :709 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
34.850	-65.06	-53.29	-11.13	-0.64	-13.00	-52.06
75.590	-69.82	-66.58	-2.32	-0.92	-13.00	-56.82
177.440	-75.32	-77.09	3.20	-1.43	-13.00	-62.32
214.300	-72.75	-77.98	6.78	-1.55	-13.00	-59.75
351.070	-74.49	-79.04	6.64	-2.09	-13.00	-61.49
546.040	-74.89	-79.19	6.68	-2.37	-13.00	-61.89
1418.000	-59.04	-64.64	7.67	-4.07	-13.00	-46.04
2127.000	-49.00	-56.61	9.63	-5.02	-13.00	-36.00

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Member of SGS Group

Report Number :TERF2305001076ER

Operation Mode :LTE B17

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :710 MHz

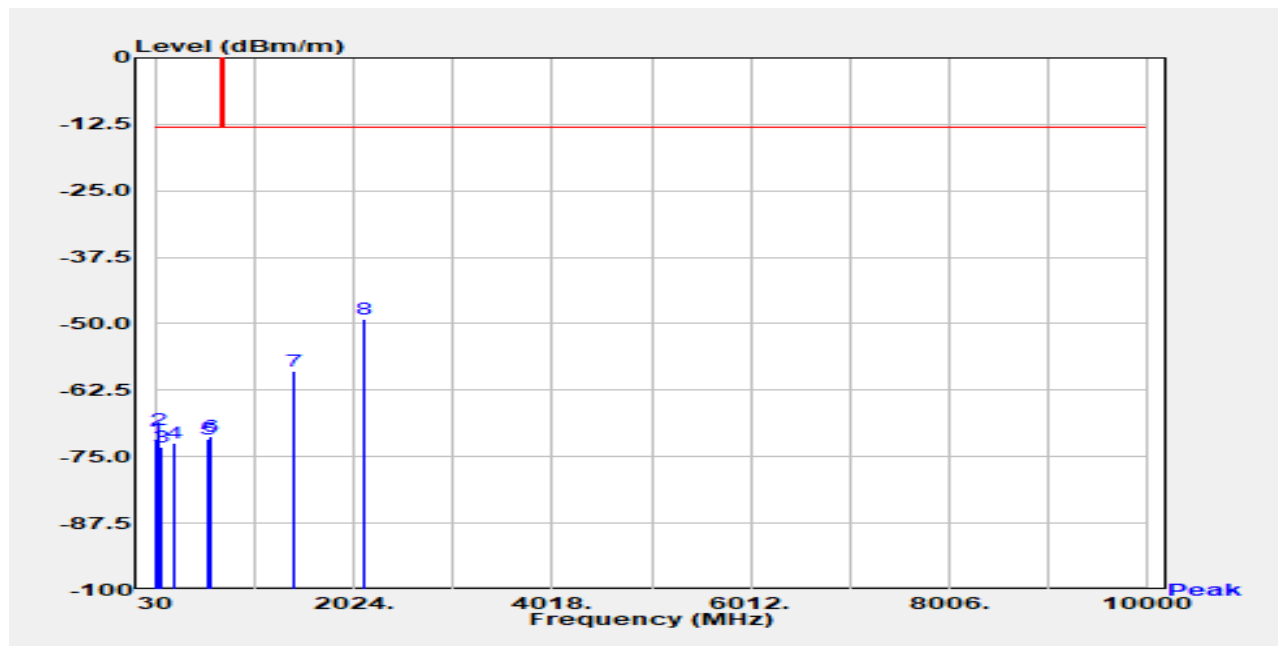
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.71	-59.42	-11.68	-0.61	-13.00	-58.71
75.590	-69.86	-66.61	-2.32	-0.92	-13.00	-56.86
102.750	-73.20	-73.48	1.37	-1.08	-13.00	-60.20
212.360	-72.34	-77.57	6.77	-1.54	-13.00	-59.34
559.620	-71.79	-75.58	6.59	-2.79	-13.00	-58.79
593.570	-71.08	-74.40	6.16	-2.83	-13.00	-58.08
1420.000	-58.96	-64.57	7.68	-4.07	-13.00	-45.96
2130.000	-49.14	-58.72	9.60	-5.02	-13.00	-36.14

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B17

Test Date :2023-06-28

Test Mode :Tx

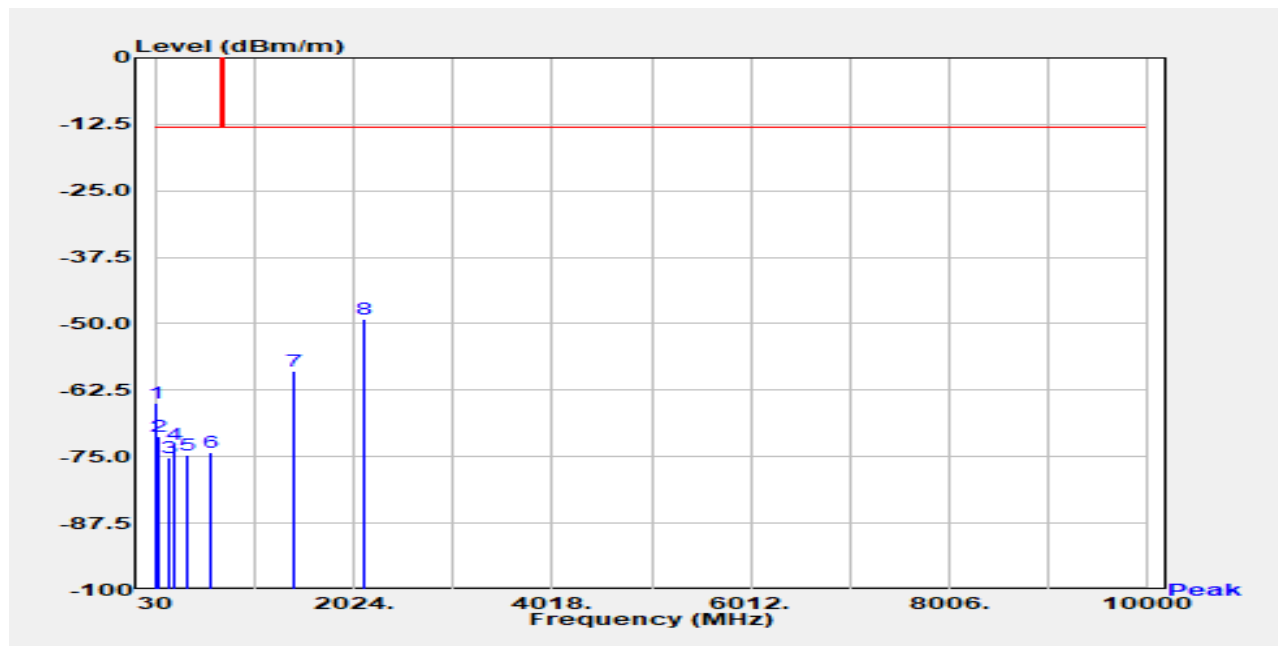
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :710 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-65.00	-53.31	-11.06	-0.62	-13.00	-52.00
73.650	-71.10	-67.19	-3.00	-0.91	-13.00	-58.10
179.380	-75.23	-77.31	3.51	-1.43	-13.00	-62.23
212.360	-72.77	-78.00	6.77	-1.54	-13.00	-59.77
353.010	-74.80	-79.40	6.68	-2.08	-13.00	-61.80
586.780	-74.21	-77.54	6.26	-2.93	-13.00	-61.21
1420.000	-58.79	-64.40	7.68	-4.07	-13.00	-45.79
2130.000	-49.24	-57.82	9.60	-5.02	-13.00	-36.24

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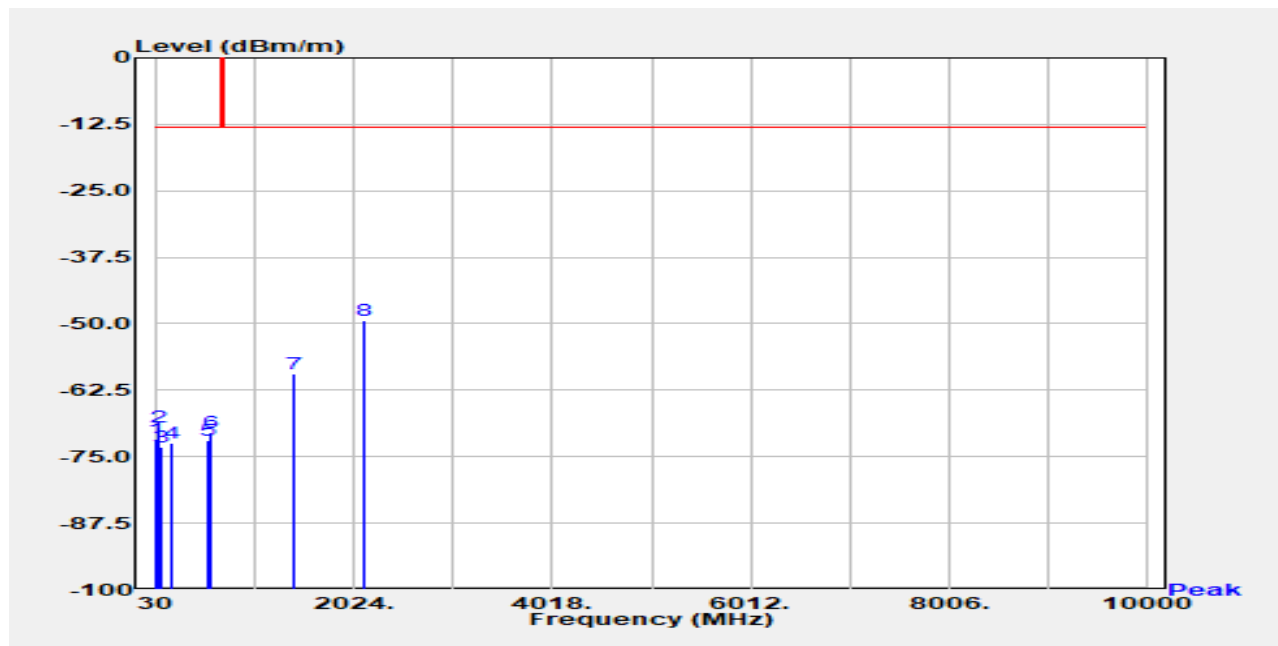
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www.sgs.com.tw

Member of SGS Group

Report Number :TERF2305001076ER
Operation Mode :LTE B17
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :711 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



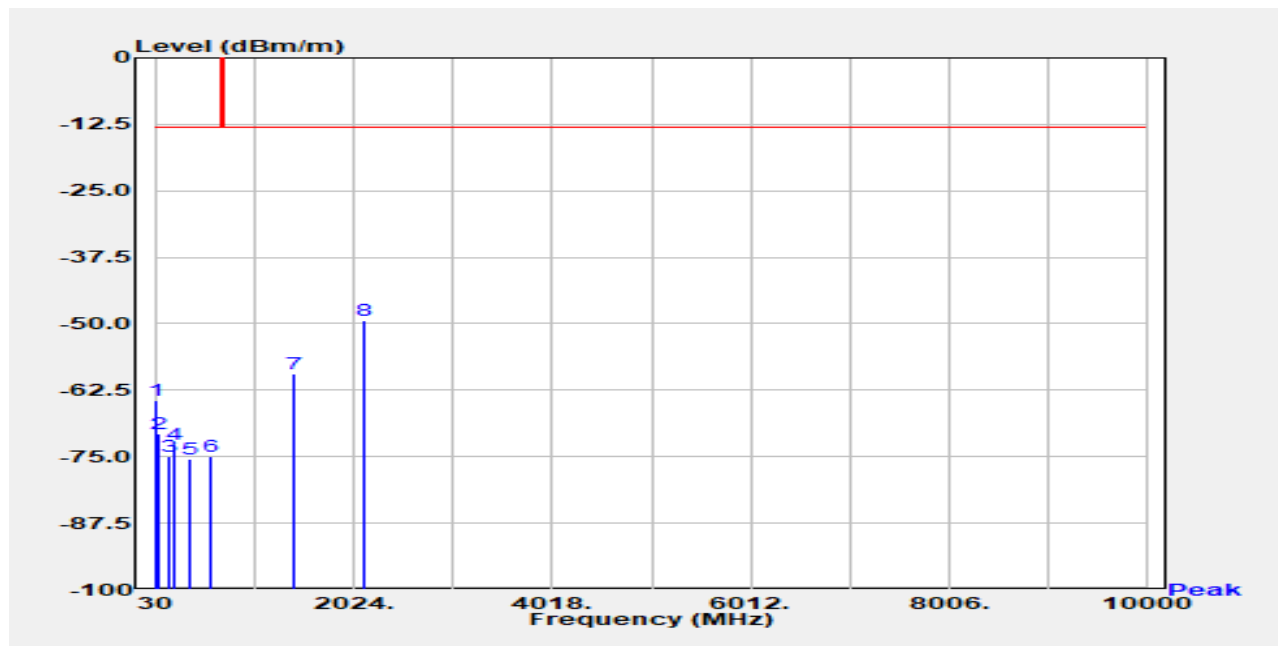
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-71.66	-59.73	-11.30	-0.63	-13.00	-58.66
75.590	-69.41	-66.16	-2.32	-0.92	-13.00	-56.41
104.690	-73.17	-73.10	1.02	-1.09	-13.00	-60.17
208.480	-72.45	-77.59	6.68	-1.53	-13.00	-59.45
550.890	-71.89	-76.20	6.72	-2.41	-13.00	-58.89
592.600	-70.44	-73.75	6.18	-2.87	-13.00	-57.44
1422.000	-59.52	-65.13	7.69	-4.08	-13.00	-46.52
2133.000	-49.42	-58.96	9.57	-5.02	-13.00	-36.42

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Report Number :TERF2305001076ER
Operation Mode :LTE B17
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :711 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-64.53	-52.60	-11.30	-0.63	-13.00	-51.53
71.710	-70.63	-65.72	-4.01	-0.90	-13.00	-57.63
178.410	-74.82	-76.79	3.40	-1.43	-13.00	-61.82
211.390	-72.76	-77.99	6.77	-1.54	-13.00	-59.76
368.530	-75.40	-79.93	6.62	-2.09	-13.00	-62.40
581.930	-74.86	-78.38	6.35	-2.84	-13.00	-61.86
1422.000	-59.35	-64.96	7.69	-4.08	-13.00	-46.35
2133.000	-49.39	-57.93	9.57	-5.02	-13.00	-36.39

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B25

Test Date :2023-06-28

Test Mode :Tx

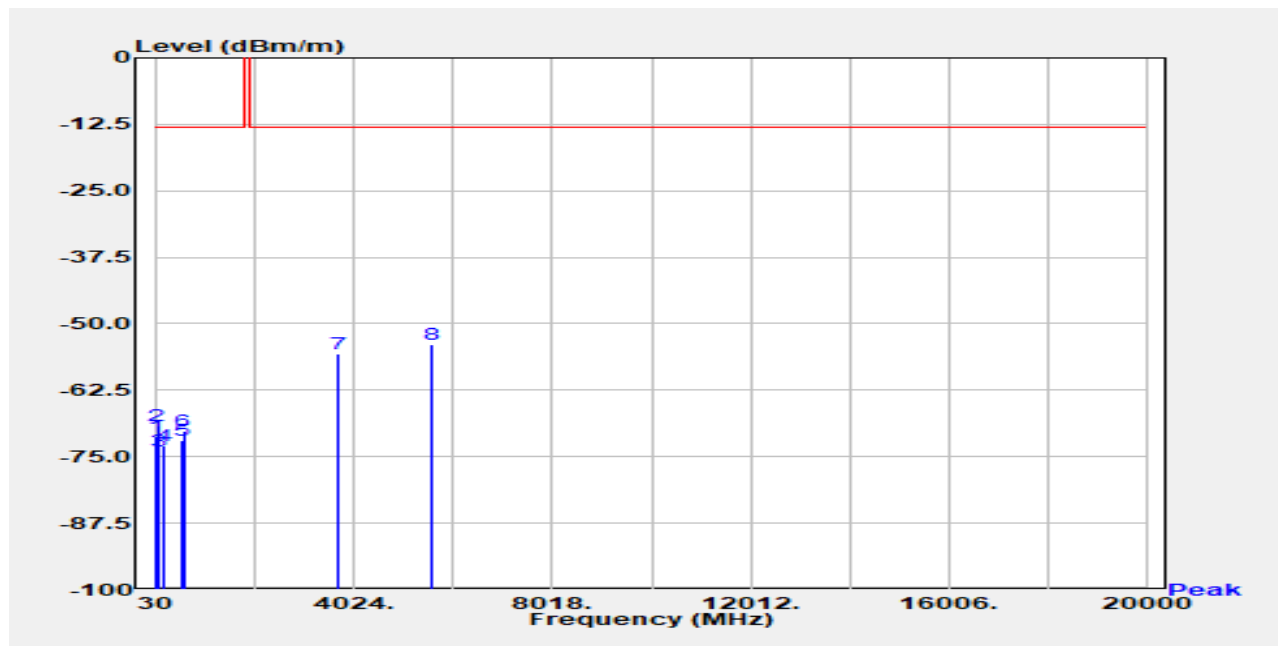
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :1860 MHz

Engineer :Ricky Chen



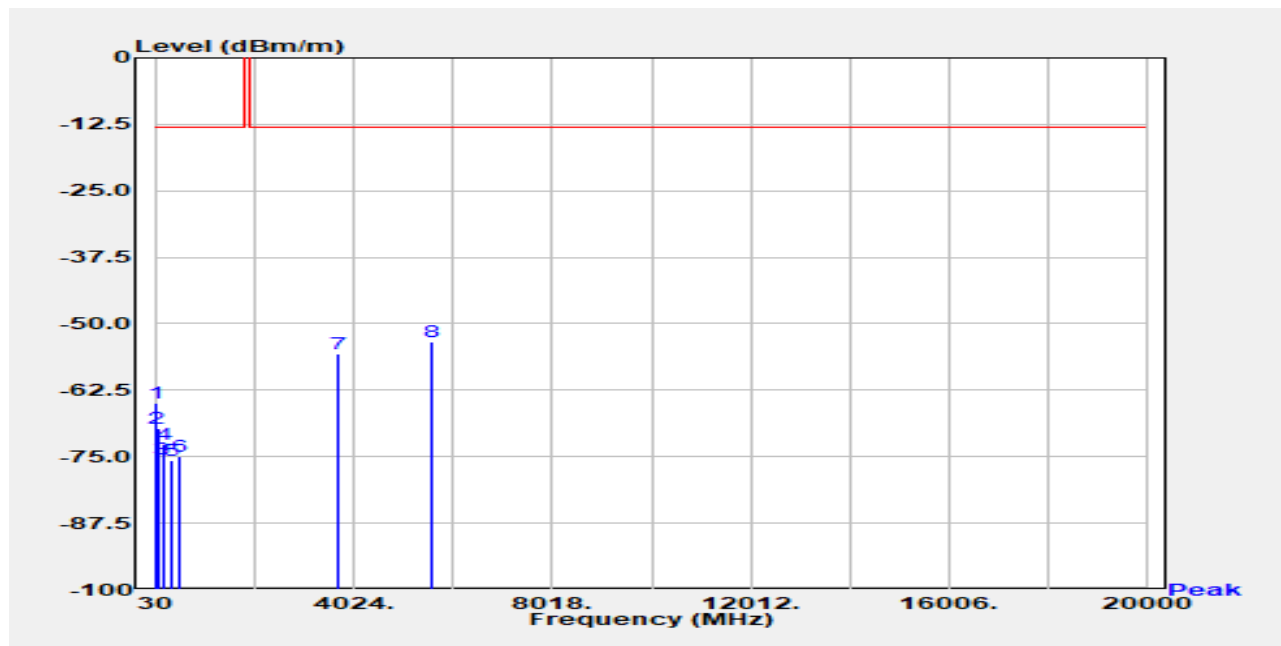
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
30.970	-71.28	-58.84	-11.84	-0.60	-13.00	-58.28
75.590	-69.28	-66.03	-2.32	-0.92	-13.00	-56.28
102.750	-74.02	-74.31	1.37	-1.08	-13.00	-61.02
212.360	-72.94	-78.17	6.77	-1.54	-13.00	-59.94
558.650	-71.92	-75.77	6.60	-2.75	-13.00	-58.92
599.390	-70.26	-73.79	6.09	-2.57	-13.00	-57.26
3720.000	-55.64	-61.40	12.40	-6.64	-13.00	-42.64
5580.000	-53.98	-58.61	13.02	-8.39	-13.00	-40.98

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Report Number :TERF2305001076ER
 Operation Mode :LTE B25
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :1860 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-64.84	-53.08	-11.13	-0.64	-13.00	-51.84
75.590	-69.69	-66.44	-2.32	-0.92	-13.00	-56.69
180.350	-75.54	-77.76	3.66	-1.43	-13.00	-62.54
212.360	-72.75	-77.98	6.77	-1.54	-13.00	-59.75
359.800	-75.61	-80.31	6.76	-2.06	-13.00	-62.61
545.070	-74.86	-79.15	6.66	-2.37	-13.00	-61.86
3720.000	-55.67	-61.44	12.40	-6.64	-13.00	-42.67
5580.000	-53.31	-57.94	13.02	-8.39	-13.00	-40.31

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B25

Test Date :2023-06-28

Test Mode :Tx

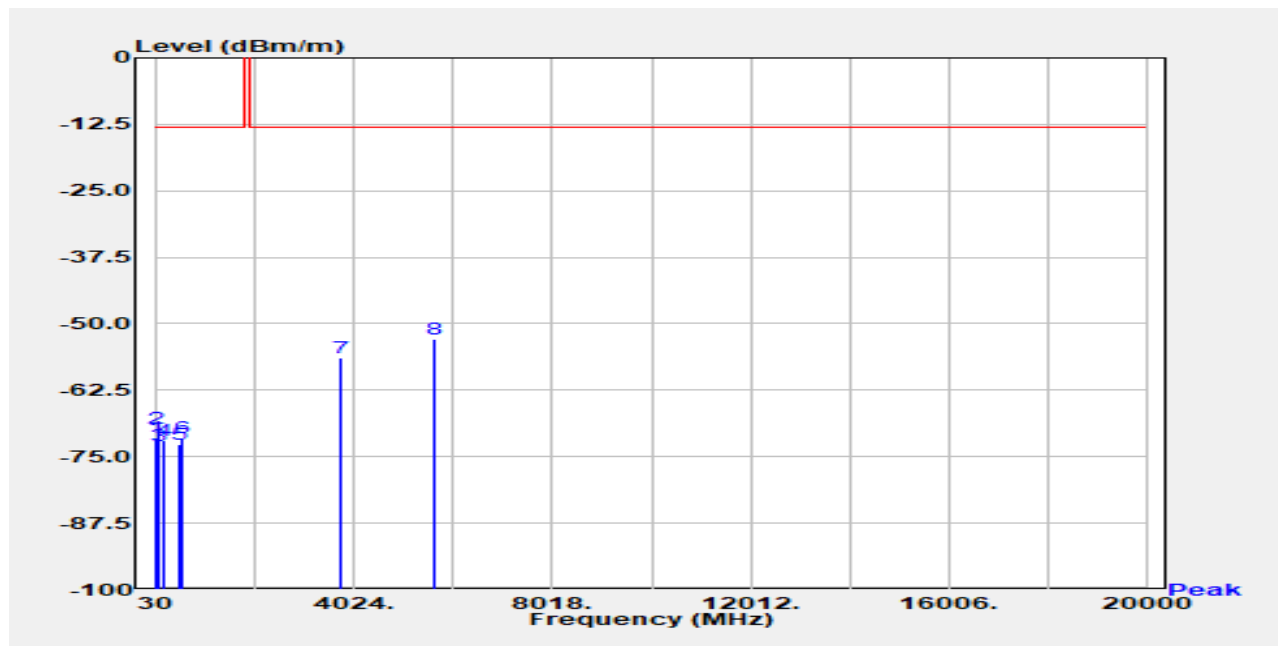
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :1882.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.53	-59.24	-11.68	-0.61	-13.00	-58.53
75.590	-69.59	-66.34	-2.32	-0.92	-13.00	-56.59
103.720	-72.99	-73.13	1.23	-1.09	-13.00	-59.99
212.360	-71.91	-77.14	6.77	-1.54	-13.00	-58.91
543.130	-72.68	-76.93	6.63	-2.38	-13.00	-59.68
592.600	-71.41	-74.72	6.18	-2.87	-13.00	-58.41
3765.000	-56.44	-62.08	12.34	-6.70	-13.00	-43.44
5647.500	-52.89	-57.66	13.20	-8.43	-13.00	-39.89

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B25

Test Date :2023-06-28

Test Mode :Tx

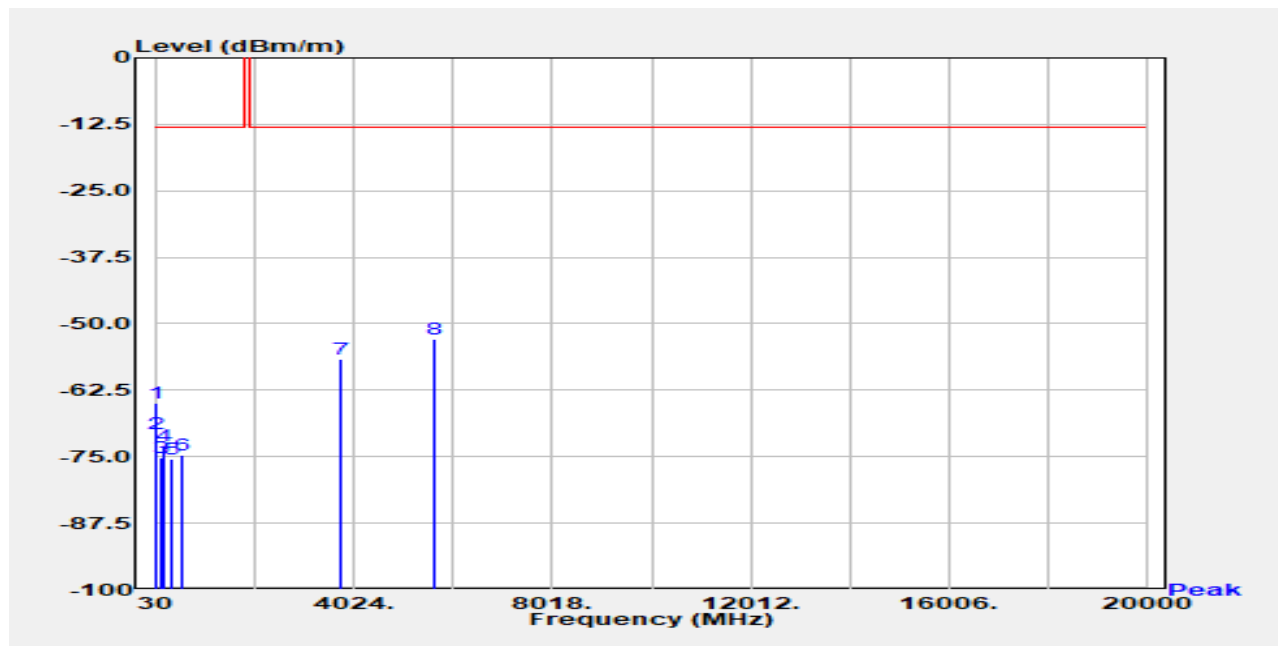
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1882.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
32.910	-64.95	-53.27	-11.06	-0.62	-13.00	-51.95
70.740	-70.79	-65.60	-4.30	-0.89	-13.00	-57.79
178.410	-75.29	-77.27	3.40	-1.43	-13.00	-62.29
211.390	-72.85	-78.08	6.77	-1.54	-13.00	-59.85
361.740	-75.48	-80.15	6.73	-2.07	-13.00	-62.48
590.660	-74.74	-78.01	6.23	-2.96	-13.00	-61.74
3765.000	-56.53	-62.17	12.34	-6.70	-13.00	-43.53
5647.500	-52.91	-57.67	13.20	-8.43	-13.00	-39.91

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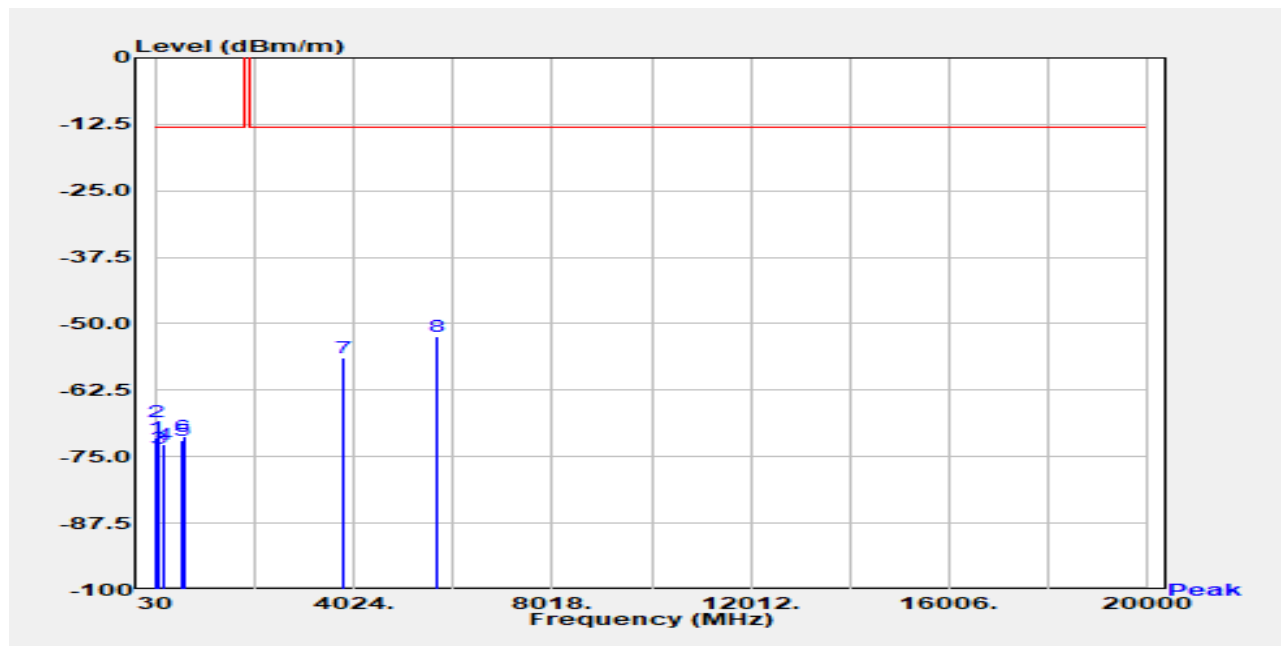
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Report Number :TERF2305001076ER
 Operation Mode :LTE B25
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :1905 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
30.970	-71.44	-59.00	-11.84	-0.60	-13.00	-58.44
75.590	-68.46	-65.22	-2.32	-0.92	-13.00	-55.46
104.690	-73.46	-73.39	1.02	-1.09	-13.00	-60.46
210.420	-72.60	-77.83	6.77	-1.54	-13.00	-59.60
558.650	-72.03	-75.87	6.60	-2.75	-13.00	-59.03
600.360	-71.06	-74.60	6.09	-2.54	-13.00	-58.06
3810.000	-56.33	-61.78	12.22	-6.77	-13.00	-43.33
5715.000	-52.50	-57.00	12.97	-8.47	-13.00	-39.50

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B25

Test Date :2023-06-28

Test Mode :Tx

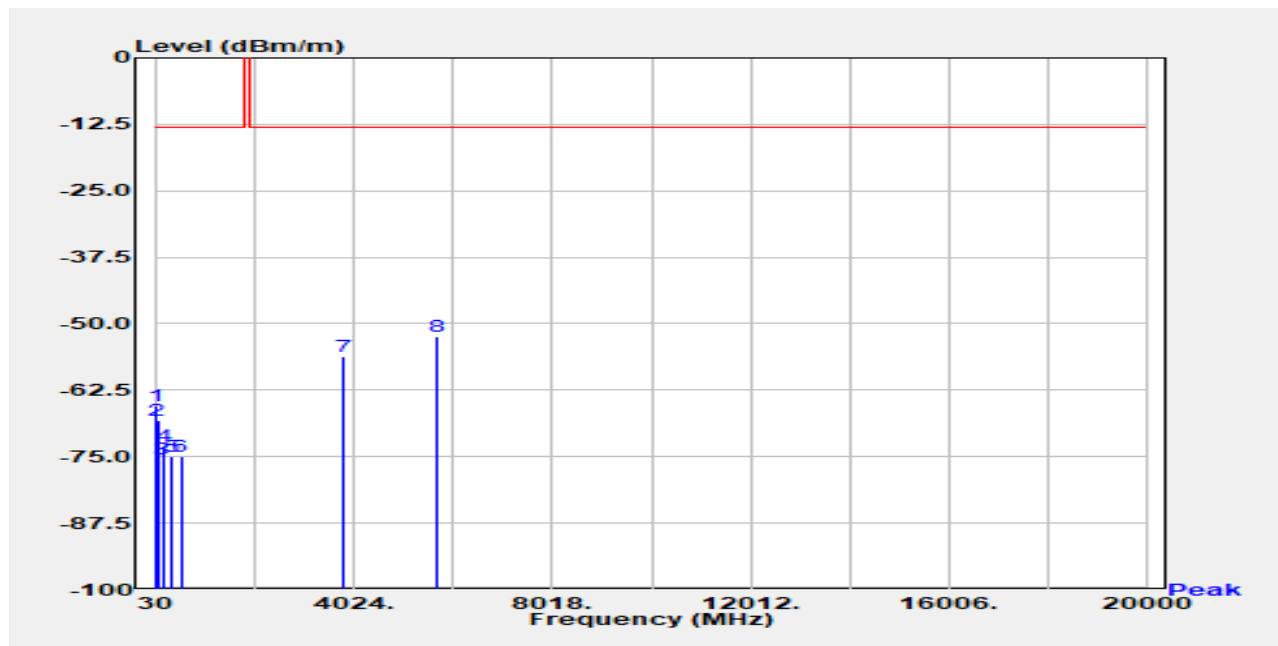
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1905 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-65.51	-54.14	-10.72	-0.65	-13.00	-52.51
75.590	-68.13	-64.89	-2.32	-0.92	-13.00	-55.13
180.350	-75.38	-77.61	3.66	-1.43	-13.00	-62.38
213.330	-73.02	-78.25	6.78	-1.55	-13.00	-60.02
343.310	-75.01	-79.43	6.51	-2.10	-13.00	-62.01
547.010	-74.93	-79.25	6.69	-2.37	-13.00	-61.93
3810.000	-56.06	-61.51	12.22	-6.77	-13.00	-43.06
5715.000	-52.39	-56.89	12.97	-8.47	-13.00	-39.39

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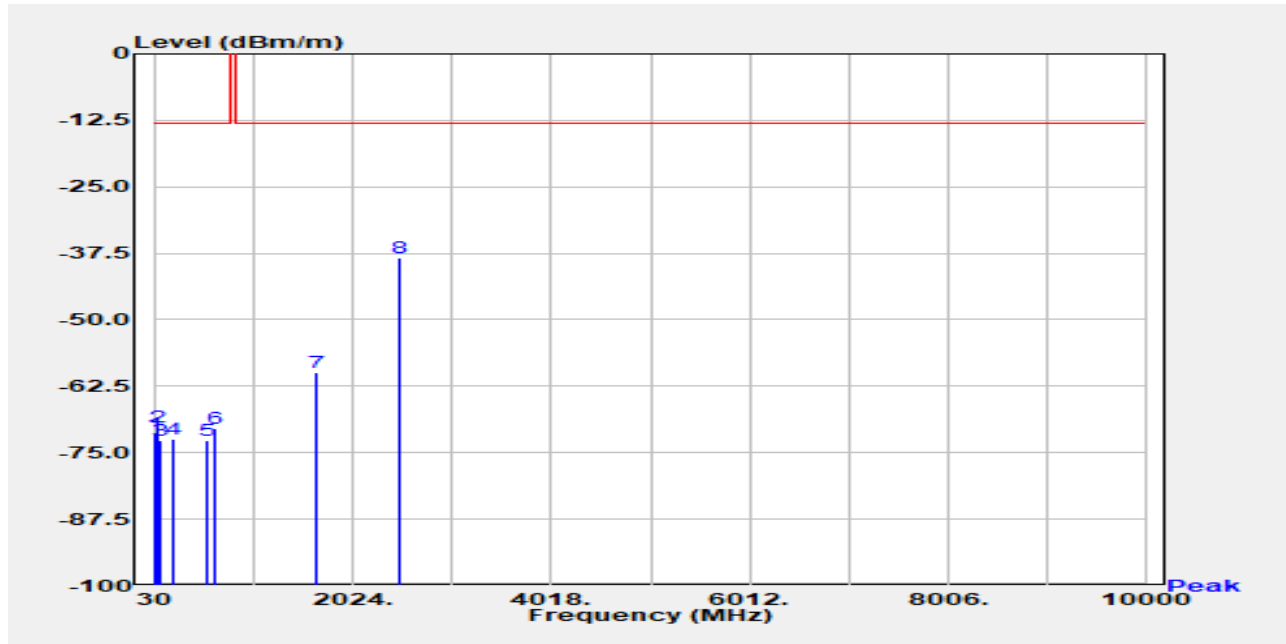
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Report Number :TERF2305001076ER
Operation Mode :LTE B26
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :831.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.51	-59.22	-11.68	-0.61	-13.00	-58.51
75.590	-70.18	-66.93	-2.32	-0.92	-13.00	-57.18
102.750	-72.67	-72.95	1.37	-1.08	-13.00	-59.67
213.330	-72.34	-77.57	6.78	-1.55	-13.00	-59.34
552.830	-72.57	-76.74	6.67	-2.50	-13.00	-59.57
633.340	-70.46	-74.05	5.97	-2.38	-13.00	-57.46
1663.000	-59.86	-65.81	9.41	-4.45	-13.00	-46.86
2494.500	-38.37	-45.39	10.58	-5.56	-13.00	-25.37

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B26

Test Date :2023-06-28

Test Mode :Tx

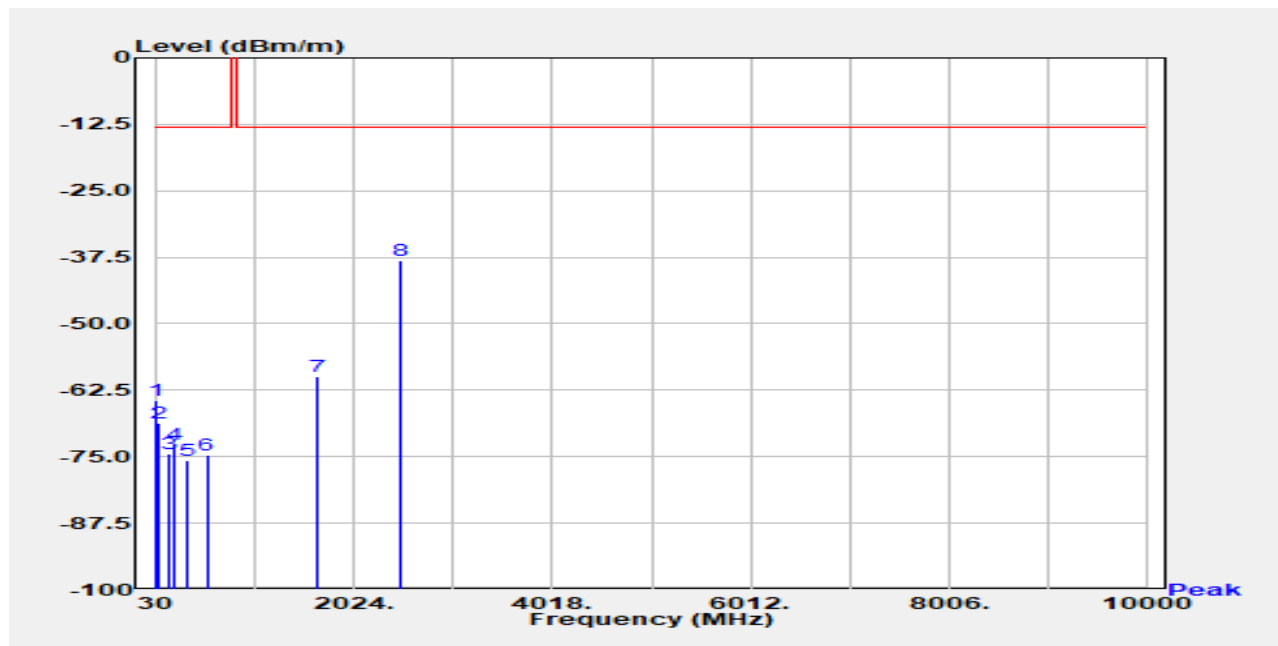
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :831.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-64.38	-52.61	-11.13	-0.64	-13.00	-51.38
75.590	-68.65	-65.41	-2.32	-0.92	-13.00	-55.65
177.440	-74.45	-76.22	3.20	-1.43	-13.00	-61.45
211.390	-72.73	-77.96	6.77	-1.54	-13.00	-59.73
356.890	-75.74	-80.42	6.74	-2.07	-13.00	-62.74
548.950	-74.73	-79.08	6.72	-2.37	-13.00	-61.73
1663.000	-59.89	-65.84	9.41	-4.45	-13.00	-46.89
2494.500	-38.06	-47.08	10.58	-5.56	-13.00	-25.06

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B26

Test Date :2023-06-28

Test Mode :Tx

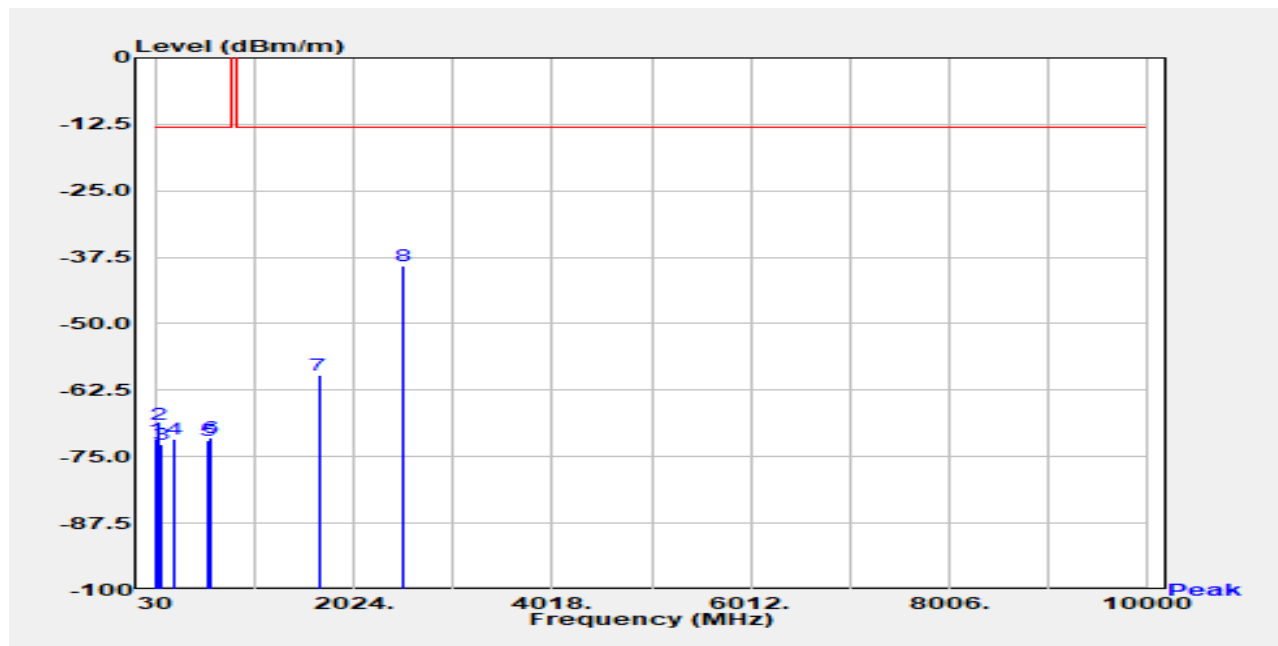
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :836.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.61	-59.31	-11.68	-0.61	-13.00	-58.61
75.590	-68.98	-65.73	-2.32	-0.92	-13.00	-55.98
104.690	-72.69	-72.62	1.02	-1.09	-13.00	-59.69
211.390	-71.56	-76.79	6.77	-1.54	-13.00	-58.56
550.890	-72.05	-76.36	6.72	-2.41	-13.00	-59.05
597.450	-71.36	-74.81	6.11	-2.65	-13.00	-58.36
1673.000	-59.76	-65.78	9.49	-4.47	-13.00	-46.76
2509.500	-39.20	-45.22	10.60	-5.57	-13.00	-26.20

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t (886-2) 2299-3279

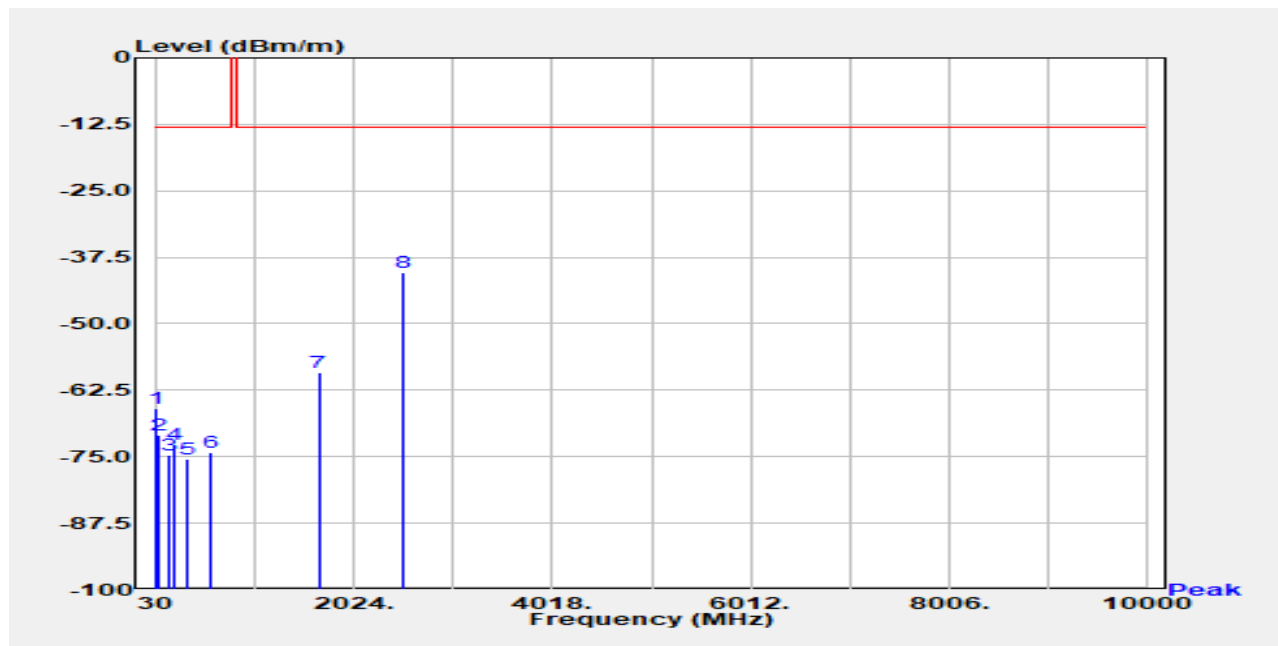
f (886-2) 2298-0488

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Report Number :TERF2305001076ER
Operation Mode :LTE B26
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :836.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level	Gain	Loss	dBm	dB
		dBm	dBi/dBd	dB		
33.880	-66.00	-54.07	-11.30	-0.63	-13.00	-53.00
72.680	-70.82	-66.48	-3.43	-0.91	-13.00	-57.82
169.680	-74.59	-75.27	2.09	-1.41	-13.00	-61.59
214.300	-72.69	-77.92	6.78	-1.55	-13.00	-59.69
349.130	-75.50	-80.02	6.61	-2.09	-13.00	-62.50
579.020	-74.31	-77.92	6.40	-2.80	-13.00	-61.31
1673.000	-59.21	-65.23	9.49	-4.47	-13.00	-46.21
2509.500	-40.47	-45.49	10.60	-5.57	-13.00	-27.47

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B26

Test Date :2023-06-28

Test Mode :Tx

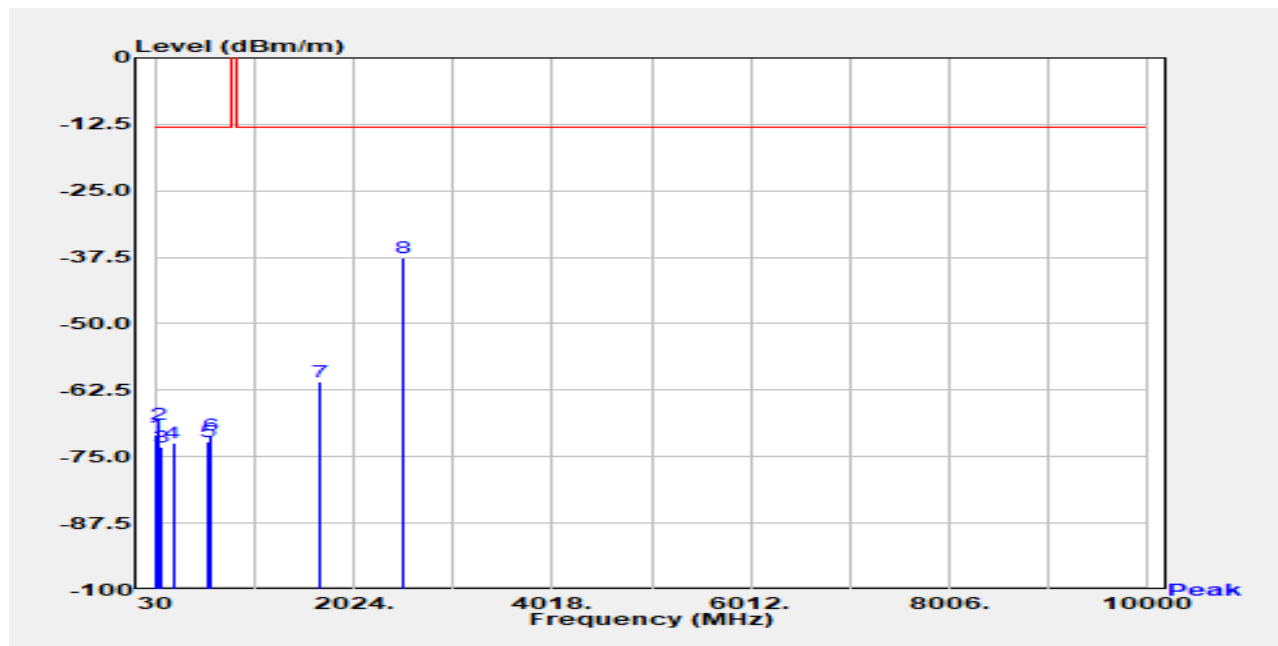
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :841.5 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-70.93	-58.64	-11.68	-0.61	-13.00	-57.93
75.590	-68.94	-65.69	-2.32	-0.92	-13.00	-55.94
102.750	-73.27	-73.56	1.37	-1.08	-13.00	-60.27
210.420	-72.49	-77.72	6.77	-1.54	-13.00	-59.49
560.590	-72.13	-75.90	6.58	-2.81	-13.00	-59.13
592.600	-70.94	-74.25	6.18	-2.87	-13.00	-57.94
1683.000	-60.92	-66.01	9.57	-4.48	-13.00	-47.92
2524.500	-37.71	-42.73	10.60	-5.58	-13.00	-24.71

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Report Number :TERF2305001076ER

Operation Mode :LTE B26

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :841.5 MHz

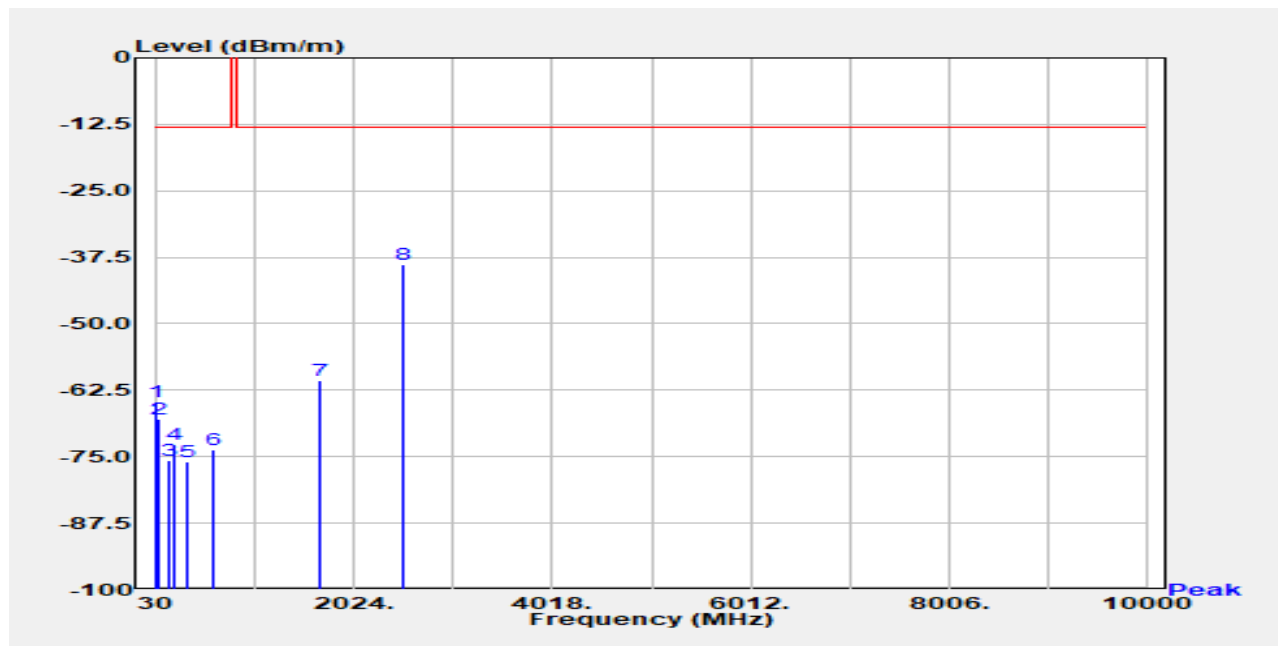
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Horizontal

Engineer :Ricky Chen



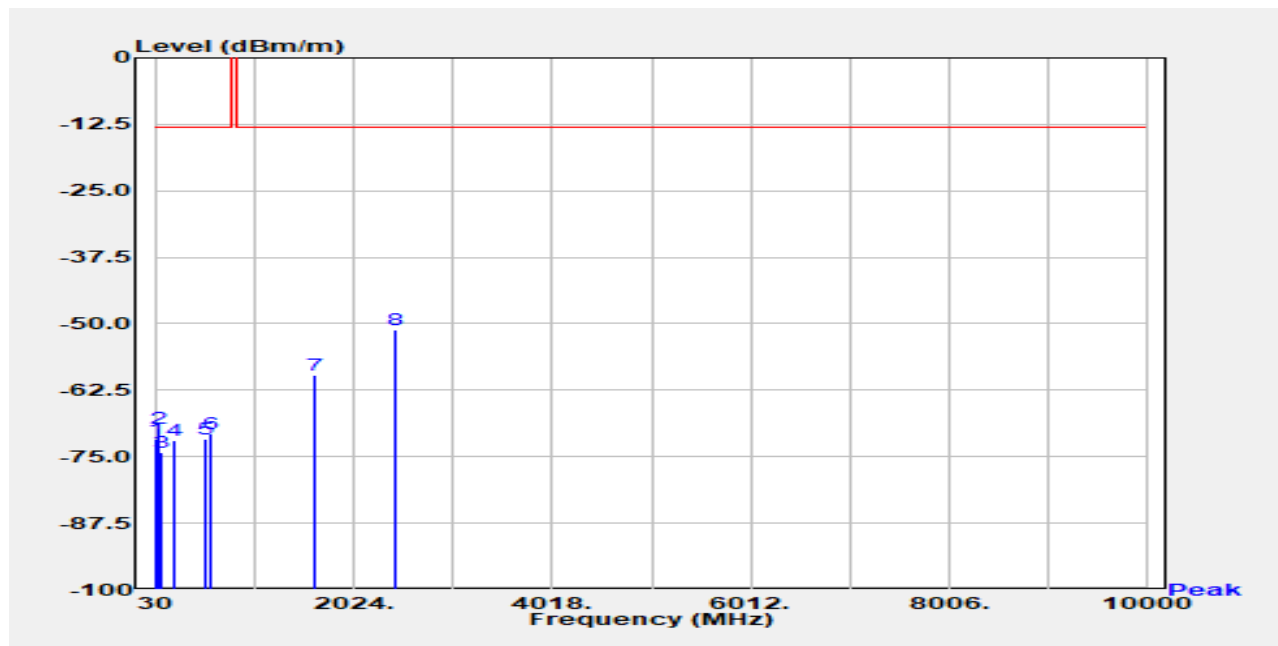
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
33.880	-64.68	-52.75	-11.30	-0.63	-13.00	-51.68
75.590	-68.03	-64.78	-2.32	-0.92	-13.00	-55.03
173.560	-75.79	-76.95	2.57	-1.42	-13.00	-62.79
212.360	-72.77	-78.00	6.77	-1.54	-13.00	-59.77
354.950	-75.83	-80.48	6.73	-2.08	-13.00	-62.83
623.640	-73.60	-77.13	6.03	-2.50	-13.00	-60.60
1683.000	-60.60	-65.69	9.57	-4.48	-13.00	-47.60
2524.500	-38.87	-43.89	10.60	-5.58	-13.00	-25.87

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Report Number :TERF2305001076ER
Operation Mode :LTE B26 Part90S
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :815.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.61	-59.32	-11.68	-0.61	-13.00	-58.61
75.590	-69.67	-66.42	-2.32	-0.92	-13.00	-56.67
101.780	-74.09	-74.32	1.30	-1.08	-13.00	-61.09
212.360	-72.00	-77.23	6.77	-1.54	-13.00	-59.00
547.980	-71.61	-75.95	6.71	-2.37	-13.00	-58.61
595.510	-70.56	-73.94	6.12	-2.74	-13.00	-57.56
1631.000	-59.63	-65.44	9.22	-4.41	-13.00	-46.63
2446.500	-51.14	-59.05	10.38	-5.47	-13.00	-38.14

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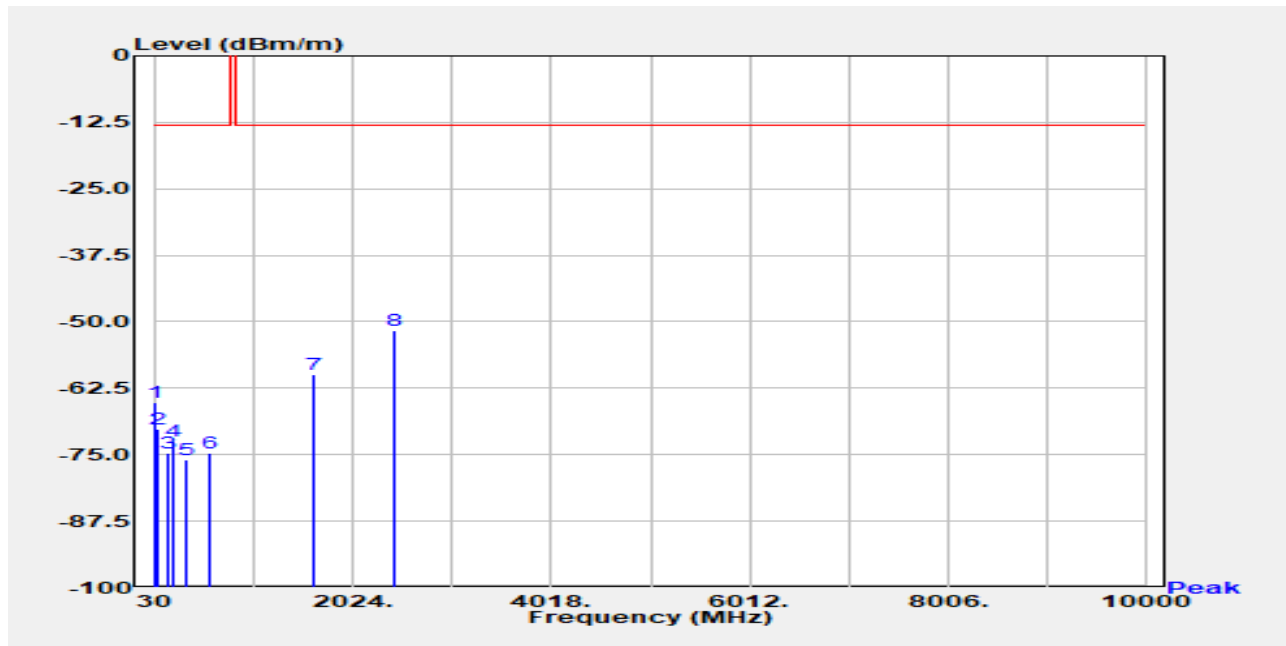
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Report Number :TERF2305001076ER
Operation Mode :LTE B26 Part90S
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :815.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



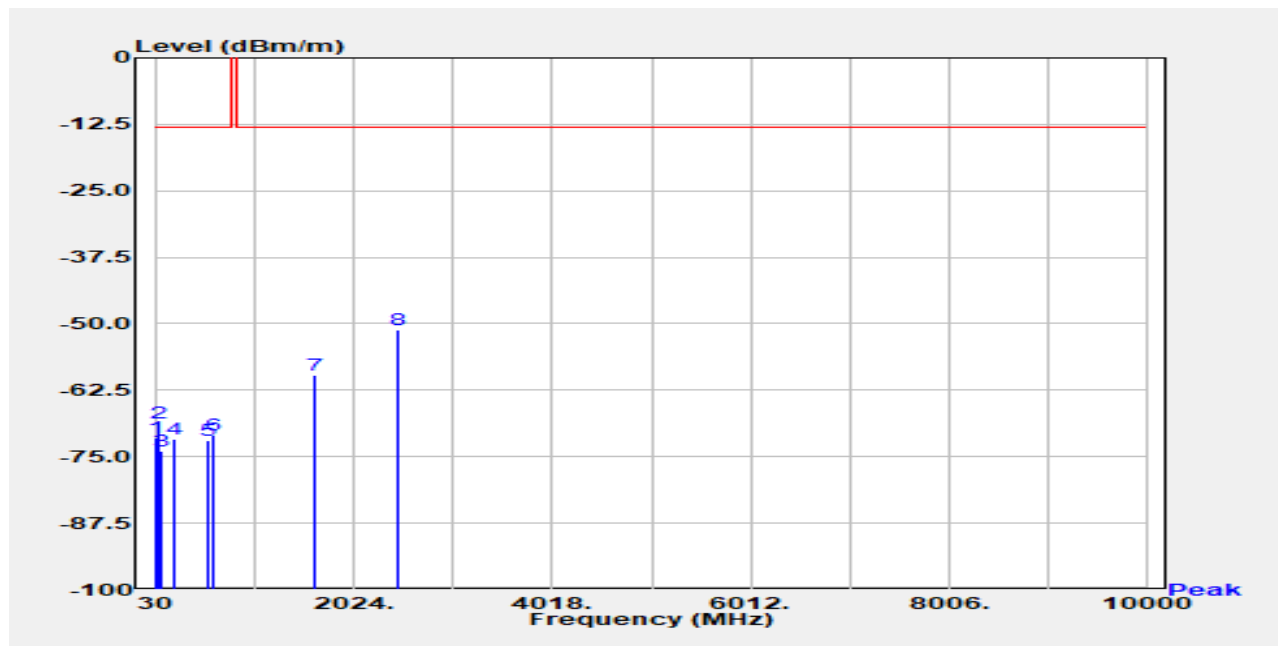
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-65.28	-53.91	-10.72	-0.65	-13.00	-52.28
74.620	-70.14	-66.53	-2.69	-0.92	-13.00	-57.14
182.290	-74.73	-77.26	3.97	-1.45	-13.00	-61.73
213.330	-72.43	-77.66	6.78	-1.55	-13.00	-59.43
356.890	-76.05	-80.72	6.74	-2.07	-13.00	-63.05
585.810	-74.65	-78.01	6.27	-2.91	-13.00	-61.65
1631.000	-59.79	-65.60	9.22	-4.41	-13.00	-46.79
2446.500	-51.75	-61.66	10.38	-5.47	-13.00	-38.75

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Report Number :TERF2305001076ER
Operation Mode :LTE B26 Part90S
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :819 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



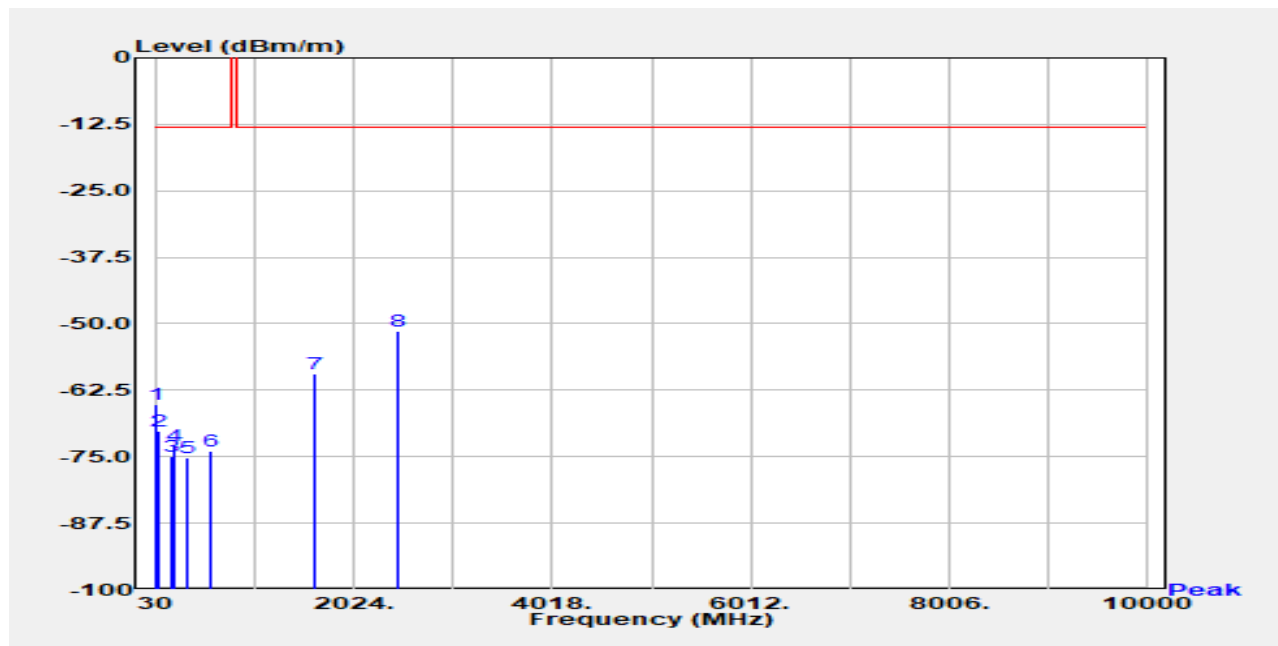
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.46	-59.17	-11.68	-0.61	-13.00	-58.46
75.590	-68.76	-65.51	-2.32	-0.92	-13.00	-55.76
102.750	-73.90	-74.18	1.37	-1.08	-13.00	-60.90
214.300	-71.59	-76.82	6.78	-1.55	-13.00	-58.59
558.650	-71.94	-75.79	6.60	-2.75	-13.00	-58.94
622.670	-70.98	-74.46	6.02	-2.53	-13.00	-57.98
1638.000	-59.59	-65.42	9.25	-4.42	-13.00	-46.59
2457.000	-51.03	-55.97	10.43	-5.49	-13.00	-38.03

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Report Number :TERF2305001076ER
Operation Mode :LTE B26 Part90S
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :819 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
35.820	-65.06	-53.69	-10.72	-0.65	-13.00	-52.06
70.740	-70.24	-65.04	-4.30	-0.89	-13.00	-57.24
185.200	-75.00	-77.94	4.40	-1.47	-13.00	-62.00
213.330	-72.85	-78.08	6.78	-1.55	-13.00	-59.85
343.310	-75.09	-79.51	6.51	-2.10	-13.00	-62.09
598.420	-73.83	-77.32	6.10	-2.61	-13.00	-60.83
1638.000	-59.51	-65.34	9.25	-4.42	-13.00	-46.51
2457.000	-51.41	-61.35	10.43	-5.49	-13.00	-38.41

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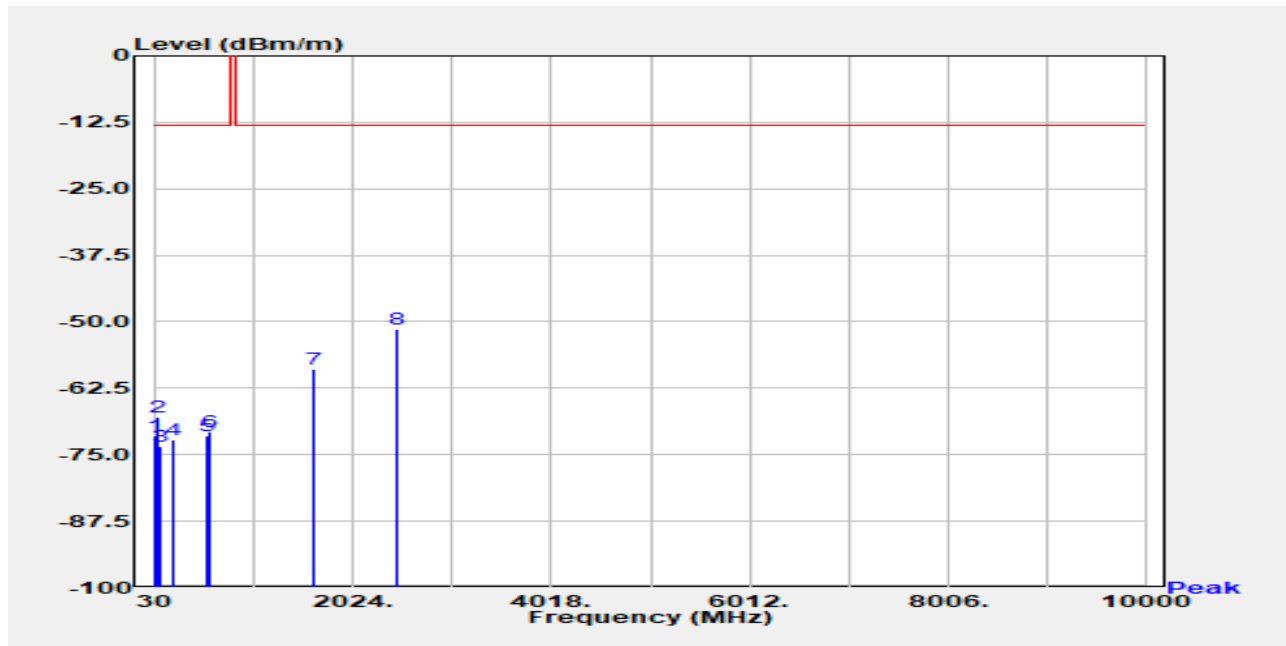
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Report Number :TERF2305001076ER
Operation Mode :LTE B26 Part90S
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :822.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



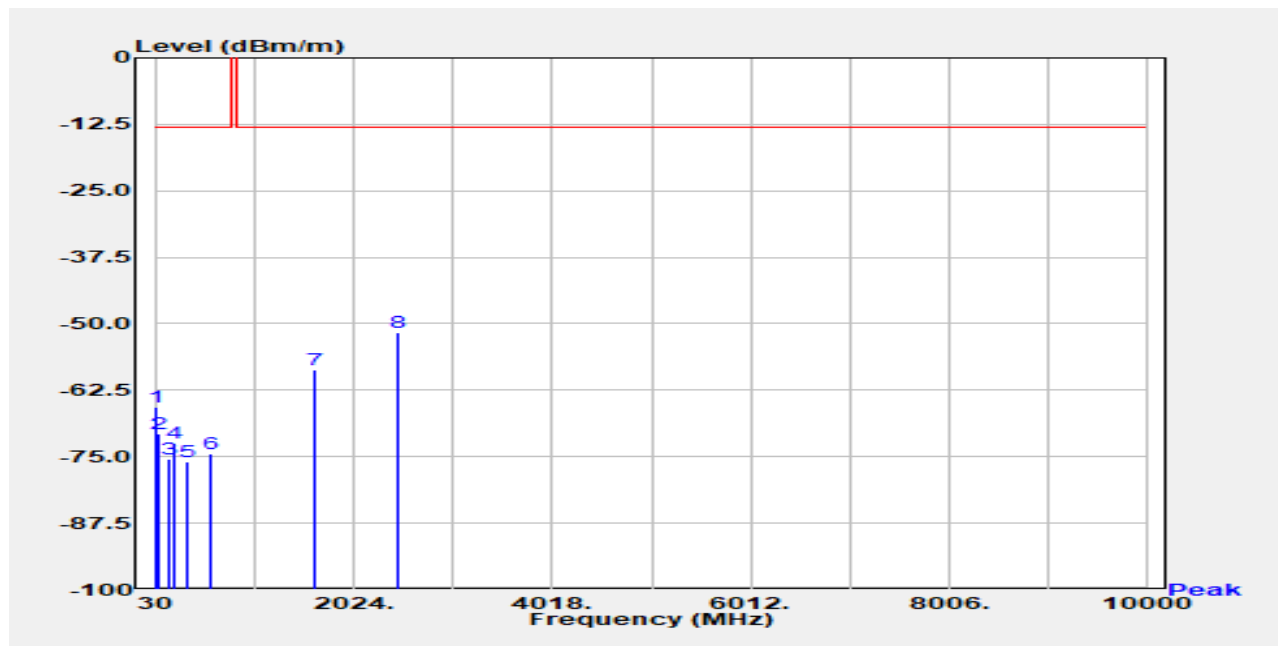
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
32.910	-71.49	-59.81	-11.06	-0.62	-13.00	-58.49
75.590	-67.95	-64.71	-2.32	-0.92	-13.00	-54.95
103.720	-73.34	-73.48	1.23	-1.09	-13.00	-60.34
211.390	-72.09	-77.32	6.77	-1.54	-13.00	-59.09
553.800	-71.42	-75.53	6.65	-2.54	-13.00	-58.42
593.570	-70.56	-73.89	6.16	-2.83	-13.00	-57.56
1645.000	-58.81	-64.66	9.28	-4.43	-13.00	-45.81
2467.500	-51.43	-64.39	10.47	-5.51	-13.00	-38.43

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Report Number :TERF2305001076ER
Operation Mode :LTE B26 Part90S
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :822.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
35.820	-65.57	-54.20	-10.72	-0.65	-13.00	-52.57
69.770	-70.60	-65.16	-4.54	-0.89	-13.00	-57.60
177.440	-75.43	-77.21	3.20	-1.43	-13.00	-62.43
214.300	-72.45	-77.68	6.78	-1.55	-13.00	-59.45
354.950	-75.93	-80.58	6.73	-2.08	-13.00	-62.93
589.690	-74.54	-77.80	6.25	-2.98	-13.00	-61.54
1645.000	-58.75	-63.60	9.28	-4.43	-13.00	-45.75
2467.500	-51.75	-63.71	10.47	-5.51	-13.00	-38.75

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B30

Test Date :2023-06-28

Test Mode :Tx

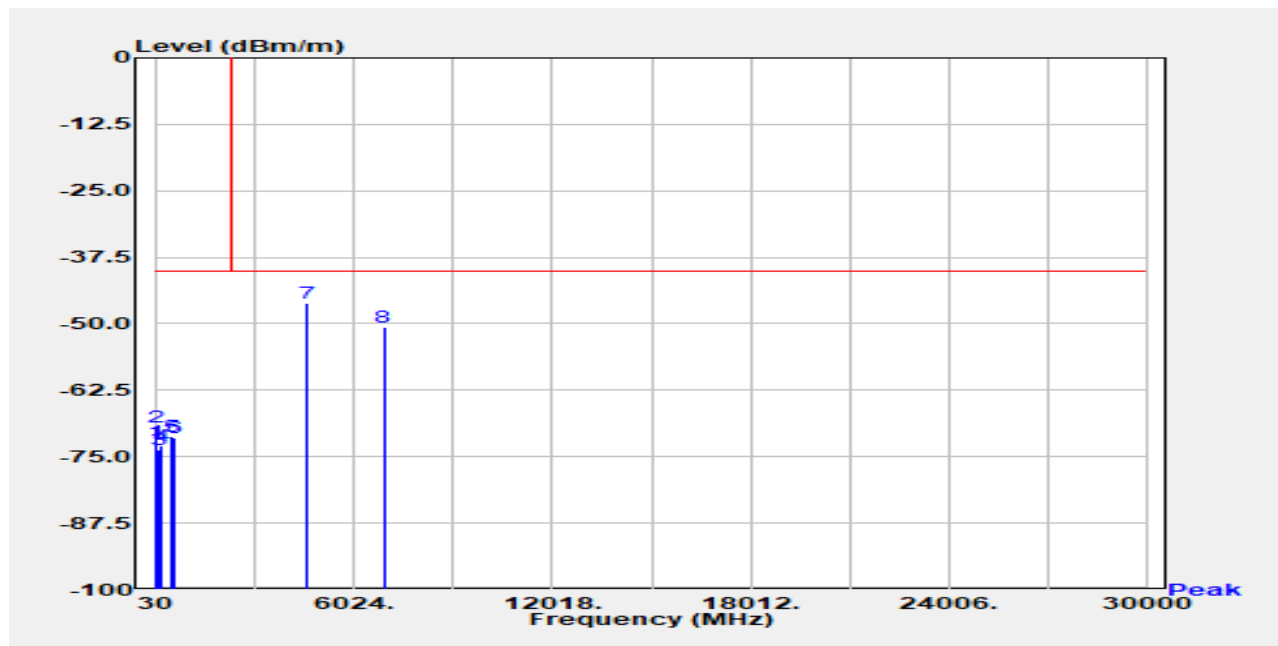
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :2310 MHz

Engineer :Ricky Chen



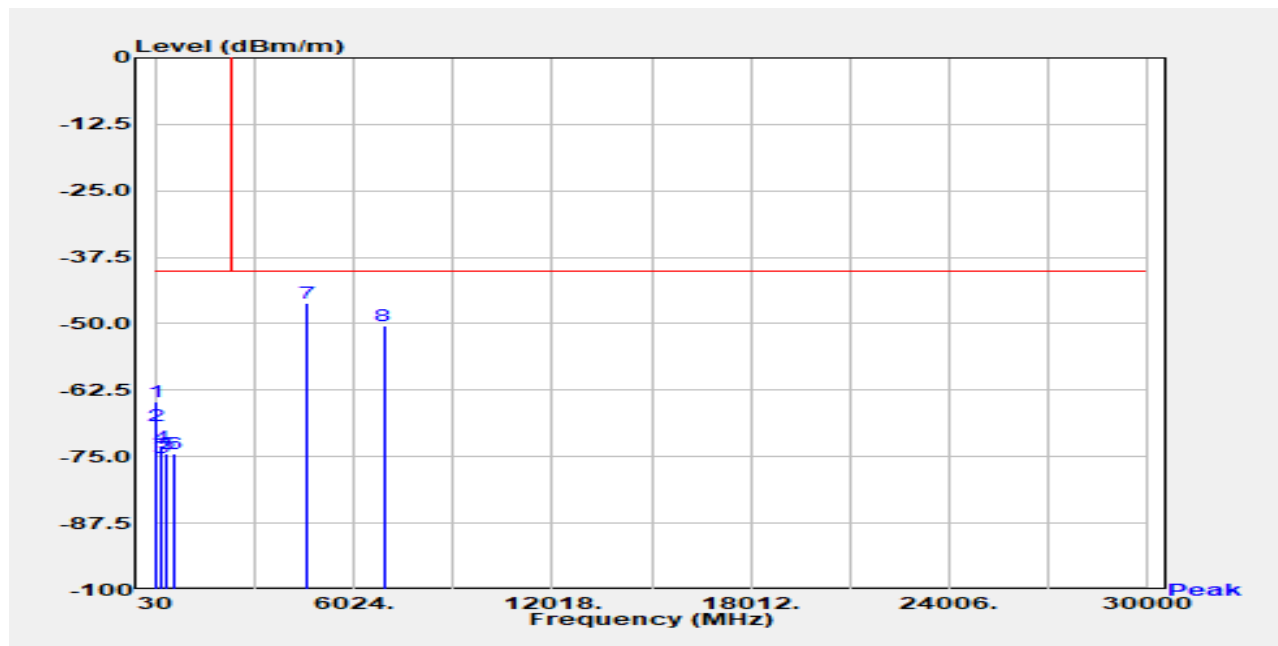
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-72.15	-59.85	-11.68	-0.61	-40.00	-32.15
75.590	-69.38	-66.13	-2.32	-0.92	-40.00	-29.38
103.720	-73.78	-73.92	1.23	-1.09	-40.00	-33.78
211.390	-72.99	-78.22	6.77	-1.54	-40.00	-32.99
555.740	-71.21	-75.20	6.62	-2.62	-40.00	-31.21
595.510	-71.47	-74.84	6.12	-2.74	-40.00	-31.47
4620.000	-46.11	-51.08	12.56	-7.59	-40.00	-6.11
6930.000	-50.57	-52.81	11.72	-9.48	-40.00	-10.57

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Report Number :TERF2305001076ER
Operation Mode :LTE B30
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :2310 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
34.850	-64.76	-53.00	-11.13	-0.64	-40.00	-24.76
75.590	-69.26	-66.02	-2.32	-0.92	-40.00	-29.26
180.350	-75.31	-77.53	3.66	-1.43	-40.00	-35.31
214.300	-73.22	-78.45	6.78	-1.55	-40.00	-33.22
343.310	-74.53	-78.95	6.51	-2.10	-40.00	-34.53
598.420	-74.39	-77.88	6.10	-2.61	-40.00	-34.39
4620.000	-46.11	-51.08	12.56	-7.59	-40.00	-6.11
6930.000	-50.39	-52.63	11.72	-9.48	-40.00	-10.39

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B38

Test Date :2023-06-28

Test Mode :Tx

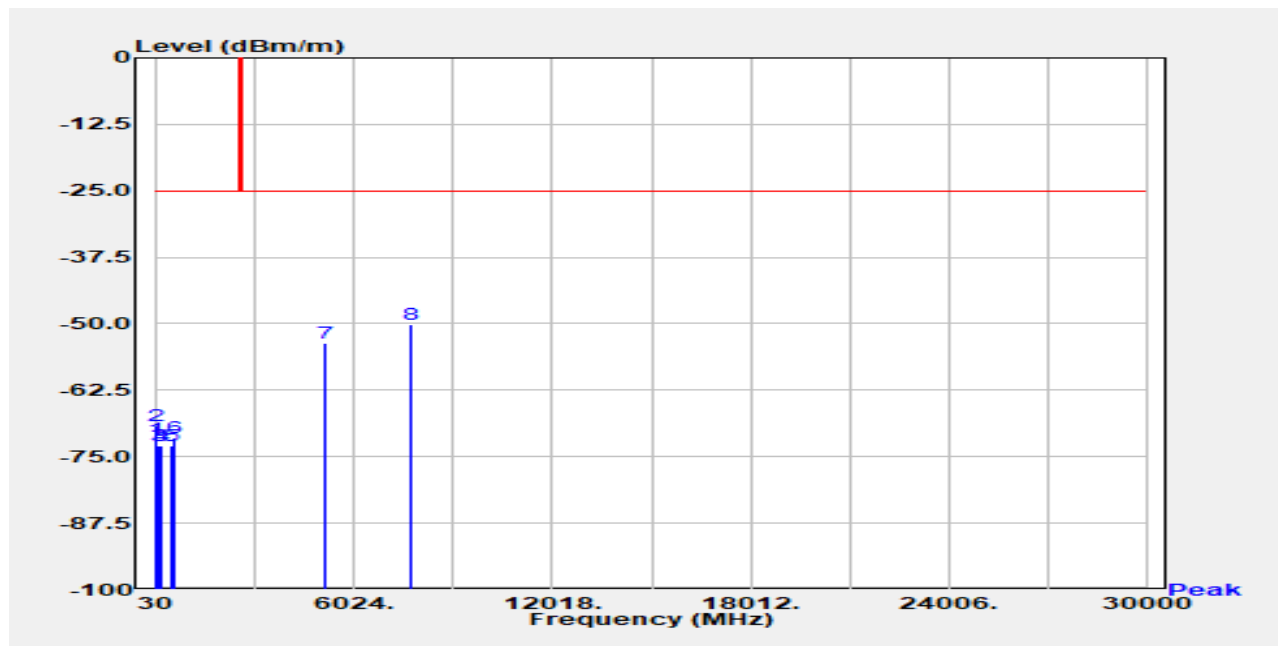
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :2580 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.71	-59.42	-11.68	-0.61	-25.00	-46.71
75.590	-69.18	-65.94	-2.32	-0.92	-25.00	-44.18
102.750	-72.89	-73.18	1.37	-1.08	-25.00	-47.89
212.360	-72.91	-78.14	6.77	-1.54	-25.00	-47.91
524.700	-73.00	-77.33	6.53	-2.20	-25.00	-48.00
607.150	-71.55	-75.04	6.06	-2.57	-25.00	-46.55
5160.000	-53.66	-57.93	12.24	-7.97	-25.00	-28.66
7740.000	-50.20	-51.63	11.50	-10.08	-25.00	-25.20

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f (886-2) 2298-0488

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Report Number :TERF2305001076ER

Operation Mode :LTE B38

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :2580 MHz

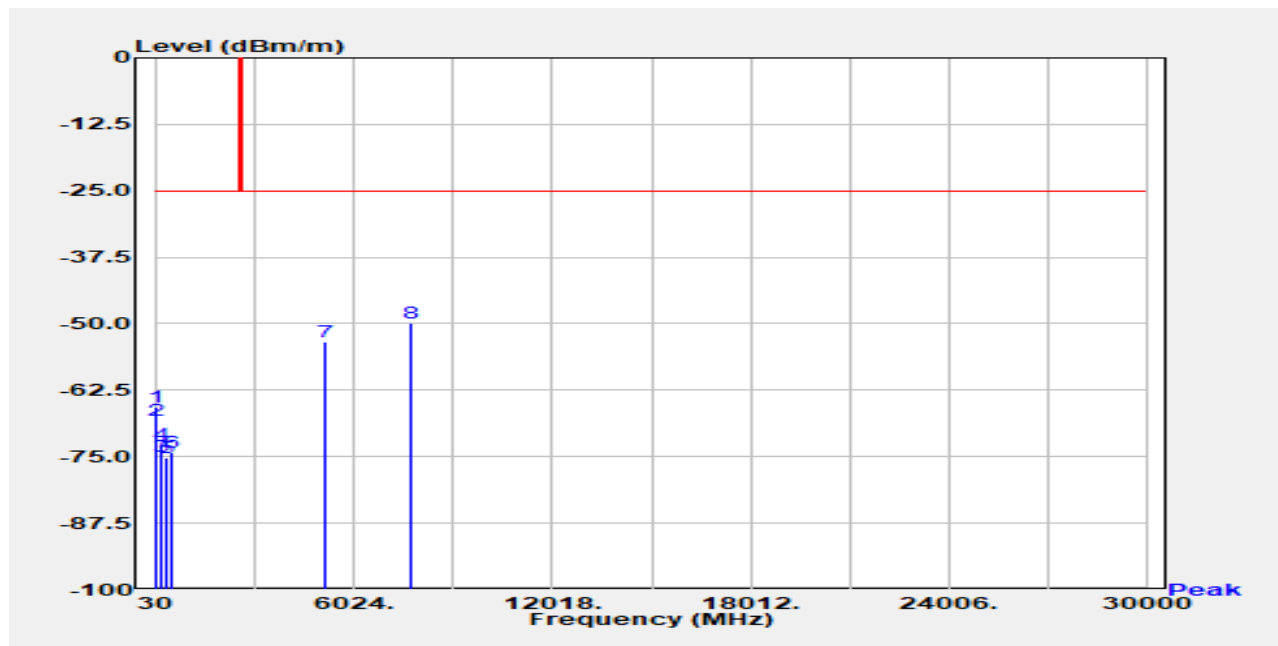
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Horizontal

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-65.78	-54.01	-11.13	-0.64	-25.00	-40.78
75.590	-68.23	-64.98	-2.32	-0.92	-25.00	-43.23
180.350	-75.01	-77.23	3.66	-1.43	-25.00	-50.01
212.360	-72.69	-77.92	6.77	-1.54	-25.00	-47.69
358.830	-75.19	-79.88	6.75	-2.06	-25.00	-50.19
564.470	-74.11	-77.81	6.48	-2.78	-25.00	-49.11
5160.000	-53.43	-57.71	12.24	-7.97	-25.00	-28.43
7740.000	-49.99	-51.41	11.50	-10.08	-25.00	-24.99

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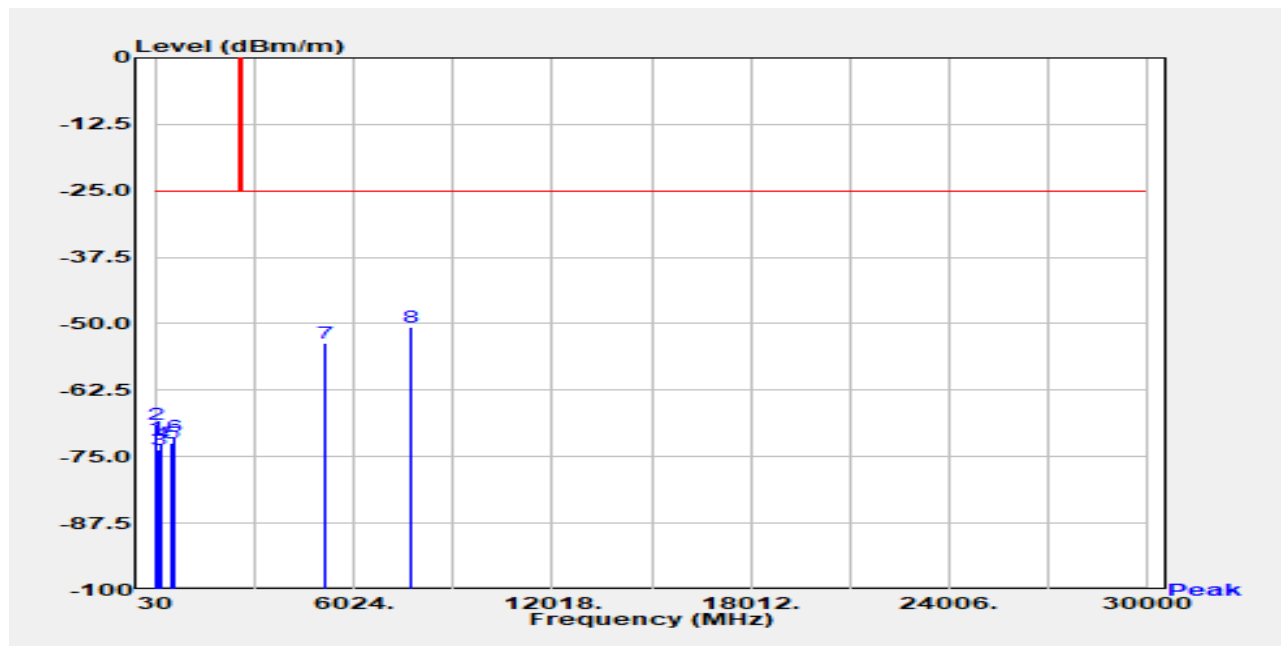
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Report Number :TERF2305001076ER
 Operation Mode :LTE B38
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2595 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.50	-59.20	-11.68	-0.61	-25.00	-46.50
75.590	-69.02	-65.77	-2.32	-0.92	-25.00	-44.02
104.690	-73.56	-73.49	1.02	-1.09	-25.00	-48.56
213.330	-72.41	-77.64	6.78	-1.55	-25.00	-47.41
532.460	-72.44	-76.54	6.46	-2.36	-25.00	-47.44
593.570	-71.28	-74.61	6.16	-2.83	-25.00	-46.28
5190.000	-53.59	-57.98	12.36	-7.97	-25.00	-28.59
7785.000	-50.51	-51.92	11.50	-10.09	-25.00	-25.51

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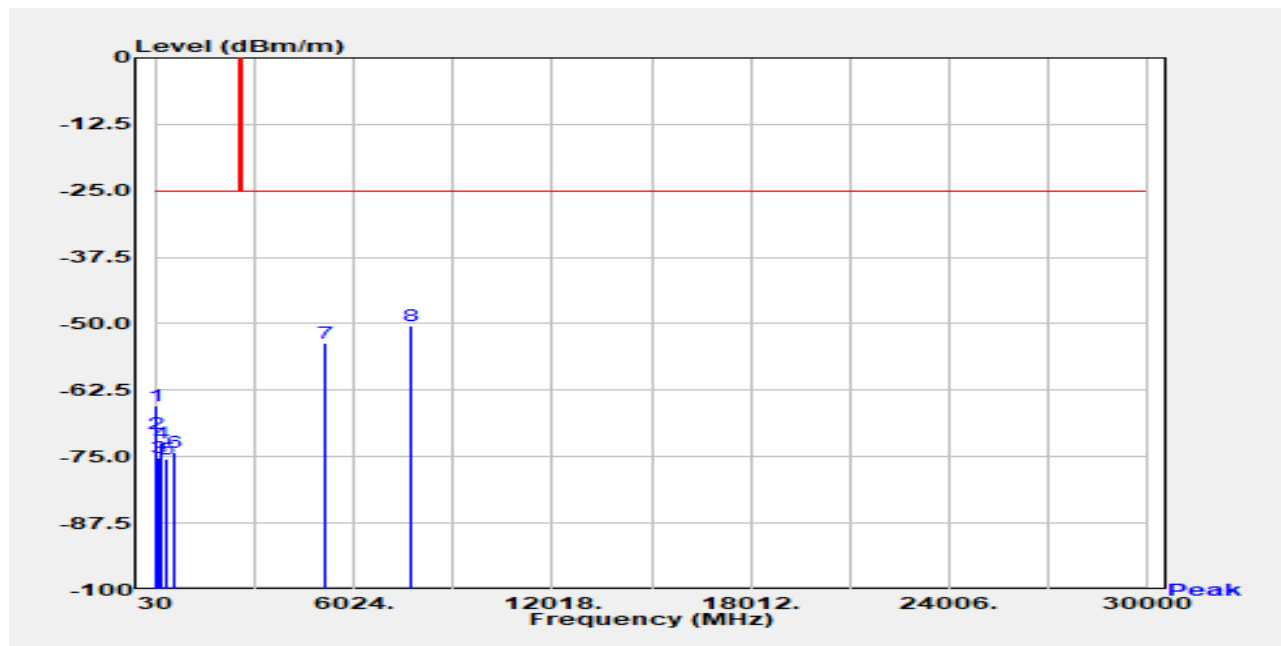
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Report Number :TERF2305001076ER
 Operation Mode :LTE B38
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2595 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-65.39	-53.46	-11.30	-0.63	-25.00	-40.39
69.770	-70.64	-65.20	-4.54	-0.89	-25.00	-45.64
175.500	-75.10	-76.44	2.77	-1.43	-25.00	-50.10
211.390	-72.42	-77.65	6.77	-1.54	-25.00	-47.42
345.250	-75.37	-79.87	6.59	-2.09	-25.00	-50.37
588.720	-74.09	-77.38	6.26	-2.97	-25.00	-49.09
5190.000	-53.76	-58.15	12.36	-7.97	-25.00	-28.76
7785.000	-50.29	-51.70	11.50	-10.09	-25.00	-25.29

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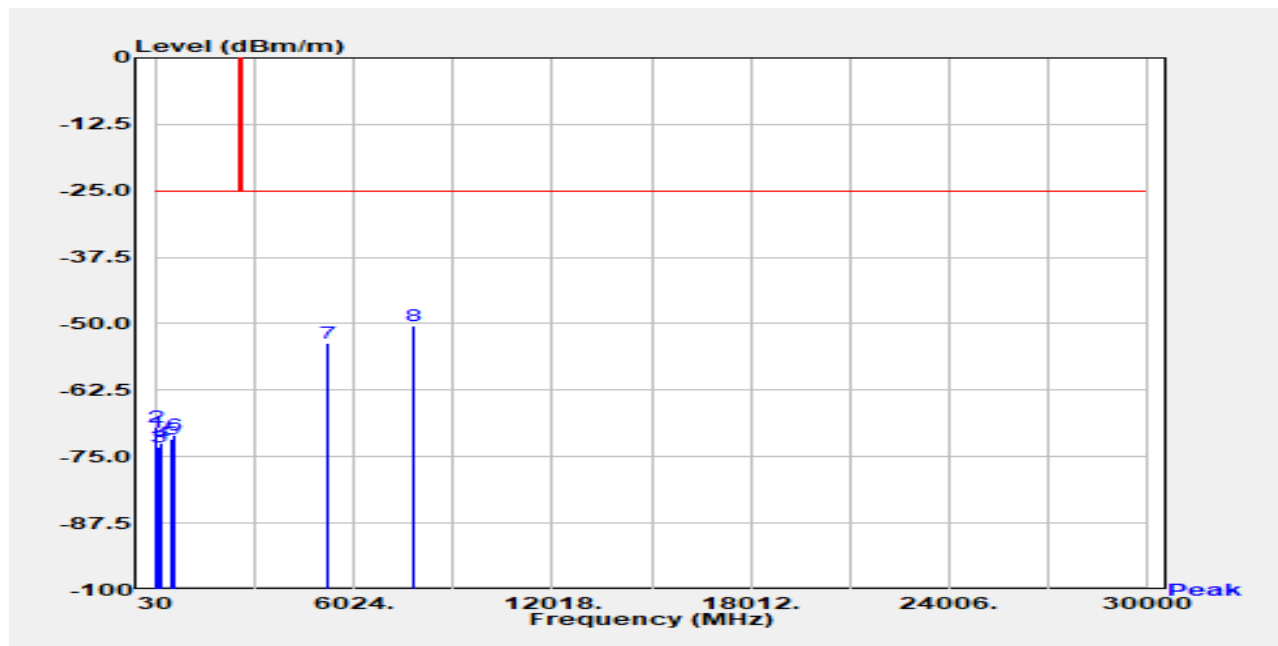
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Report Number :TERF2305001076ER
Operation Mode :LTE B38
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :2610 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



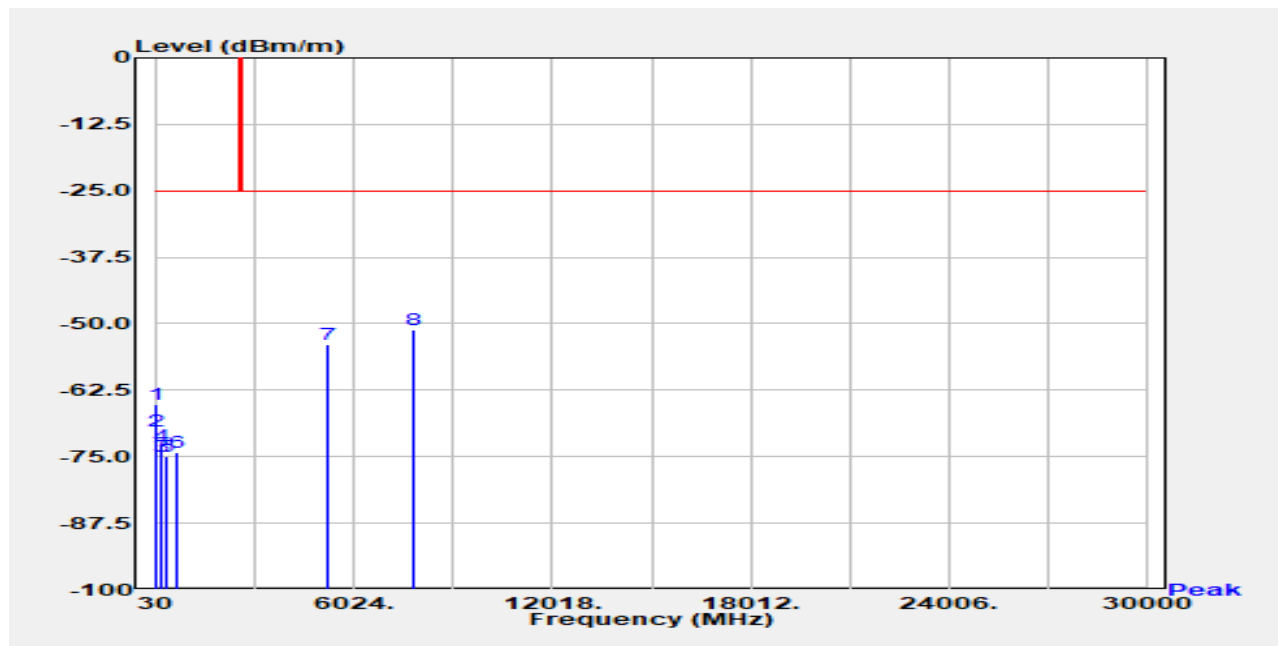
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-70.45	-58.16	-11.68	-0.61	-25.00	-45.45
75.590	-69.31	-66.06	-2.32	-0.92	-25.00	-44.31
102.750	-73.08	-73.37	1.37	-1.08	-25.00	-48.08
212.360	-72.37	-77.60	6.77	-1.54	-25.00	-47.37
550.890	-71.65	-75.96	6.72	-2.41	-25.00	-46.65
601.330	-70.96	-74.50	6.08	-2.55	-25.00	-45.96
5220.000	-53.52	-58.07	12.56	-8.01	-25.00	-28.52
7830.000	-50.27	-51.69	11.50	-10.08	-25.00	-25.27

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Report Number :TERF2305001076ER
 Operation Mode :LTE B38
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2610 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-65.27	-53.51	-11.13	-0.64	-25.00	-40.27
71.710	-70.25	-65.33	-4.01	-0.90	-25.00	-45.25
180.350	-74.92	-77.14	3.66	-1.43	-25.00	-49.92
210.420	-73.01	-78.24	6.77	-1.54	-25.00	-48.01
363.680	-74.91	-79.54	6.70	-2.07	-25.00	-49.91
655.650	-74.19	-77.63	5.97	-2.53	-25.00	-49.19
5220.000	-53.83	-58.38	12.56	-8.01	-25.00	-28.83
7830.000	-51.20	-52.62	11.50	-10.08	-25.00	-26.20

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Report Number :TERF2305001076ER

Operation Mode :LTE B41

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :2506 MHz

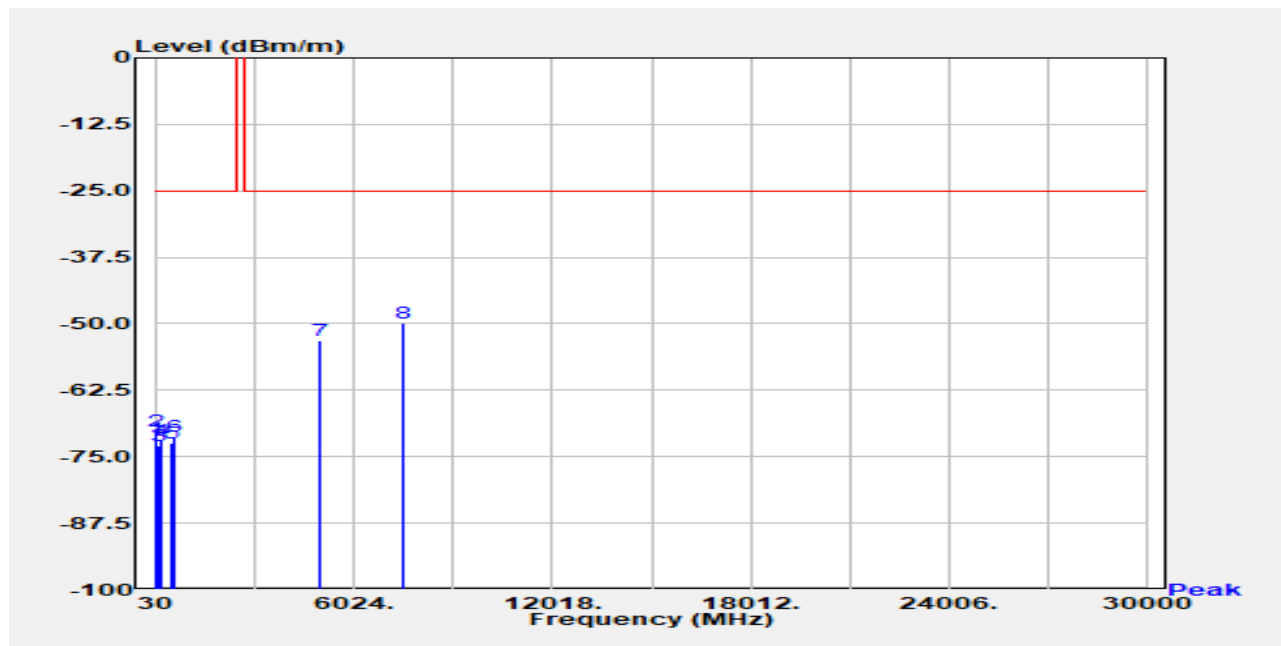
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.59	-59.29	-11.68	-0.61	-25.00	-46.59
75.590	-70.11	-66.86	-2.32	-0.92	-25.00	-45.11
103.720	-72.99	-73.13	1.23	-1.09	-25.00	-47.99
213.330	-71.96	-77.19	6.78	-1.55	-25.00	-46.96
547.980	-72.49	-76.82	6.71	-2.37	-25.00	-47.49
577.080	-71.17	-74.79	6.41	-2.79	-25.00	-46.17
5012.000	-53.19	-57.72	12.48	-7.94	-25.00	-28.19
7518.000	-49.97	-51.25	11.07	-9.79	-25.00	-24.97

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B41

Test Date :2023-06-28

Test Mode :Tx

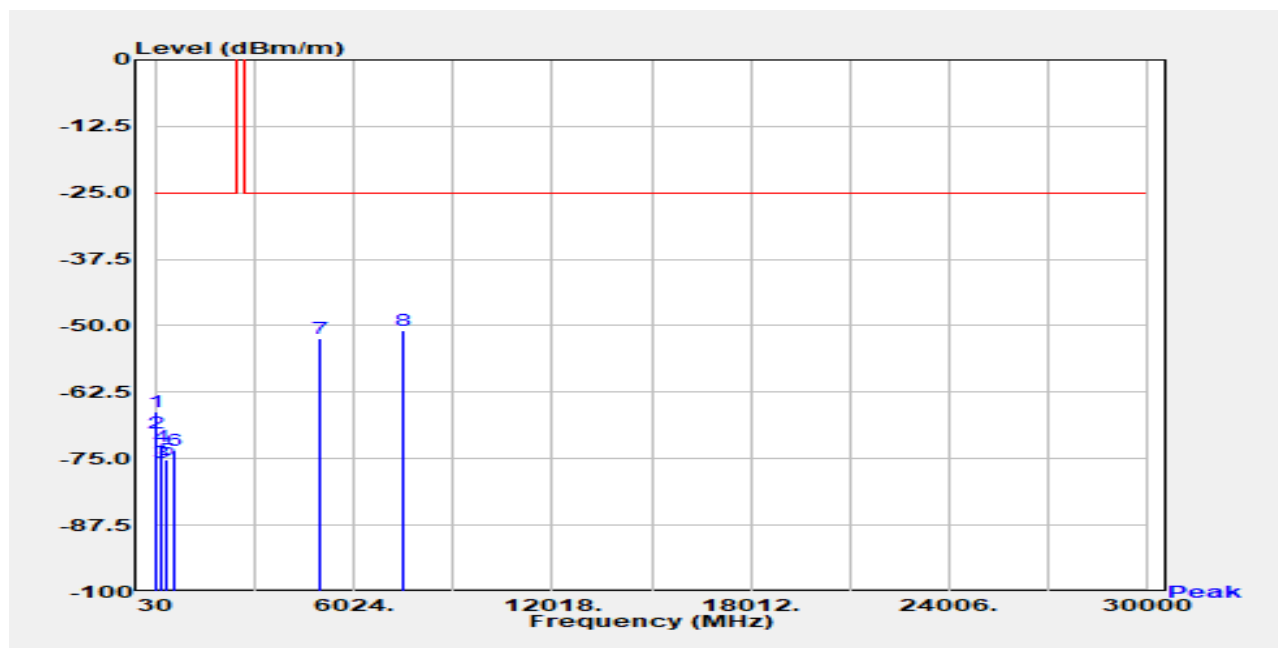
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :2506 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-66.13	-53.84	-11.68	-0.61	-25.00	-41.13
74.620	-70.14	-66.54	-2.69	-0.92	-25.00	-45.14
180.350	-75.73	-77.96	3.66	-1.43	-25.00	-50.73
214.300	-72.75	-77.98	6.78	-1.55	-25.00	-47.75
344.280	-75.06	-79.53	6.56	-2.10	-25.00	-50.06
599.390	-73.31	-76.84	6.09	-2.57	-25.00	-48.31
5012.000	-52.38	-56.91	12.48	-7.94	-25.00	-27.38
7518.000	-50.80	-52.08	11.07	-9.79	-25.00	-25.80

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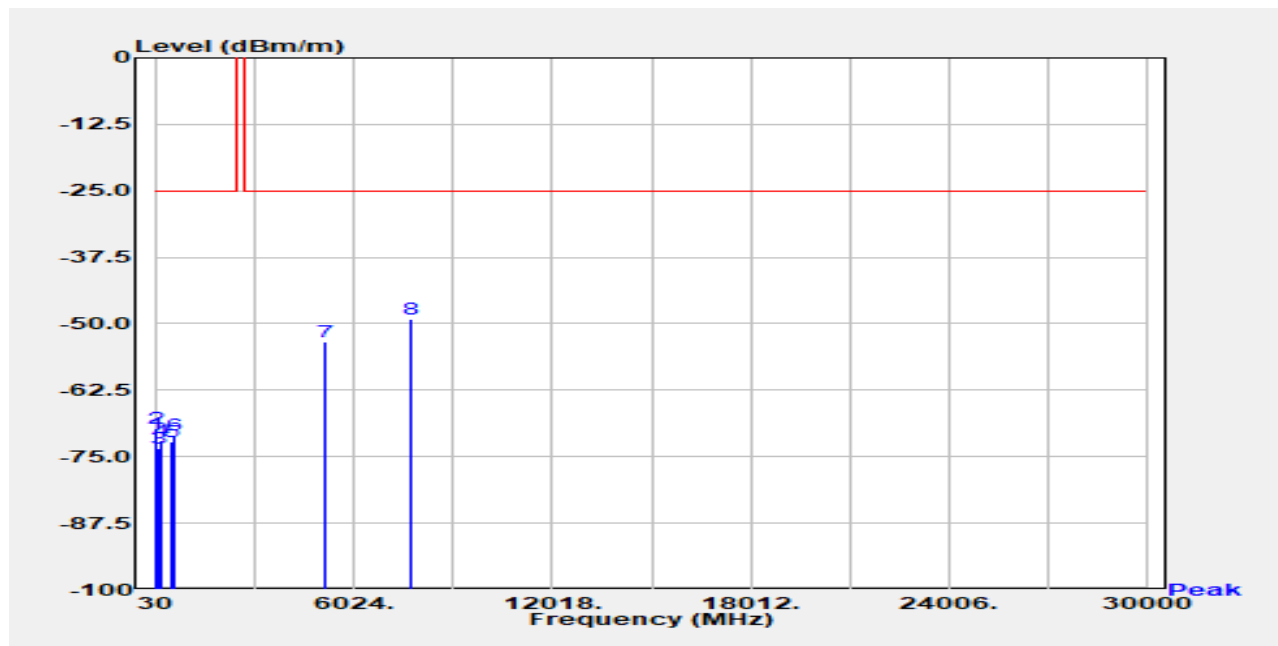
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Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B41
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2593 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-70.66	-58.37	-11.68	-0.61	-25.00	-45.66
75.590	-69.71	-66.47	-2.32	-0.92	-25.00	-44.71
102.750	-73.52	-73.81	1.37	-1.08	-25.00	-48.52
214.300	-72.04	-77.27	6.78	-1.55	-25.00	-47.04
548.950	-72.12	-76.48	6.72	-2.37	-25.00	-47.12
601.330	-71.00	-74.54	6.08	-2.55	-25.00	-46.00
5186.000	-53.37	-57.75	12.34	-7.97	-25.00	-28.37
7779.000	-49.15	-50.55	11.50	-10.09	-25.00	-24.15

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B41

Test Date :2023-06-28

Test Mode :Tx

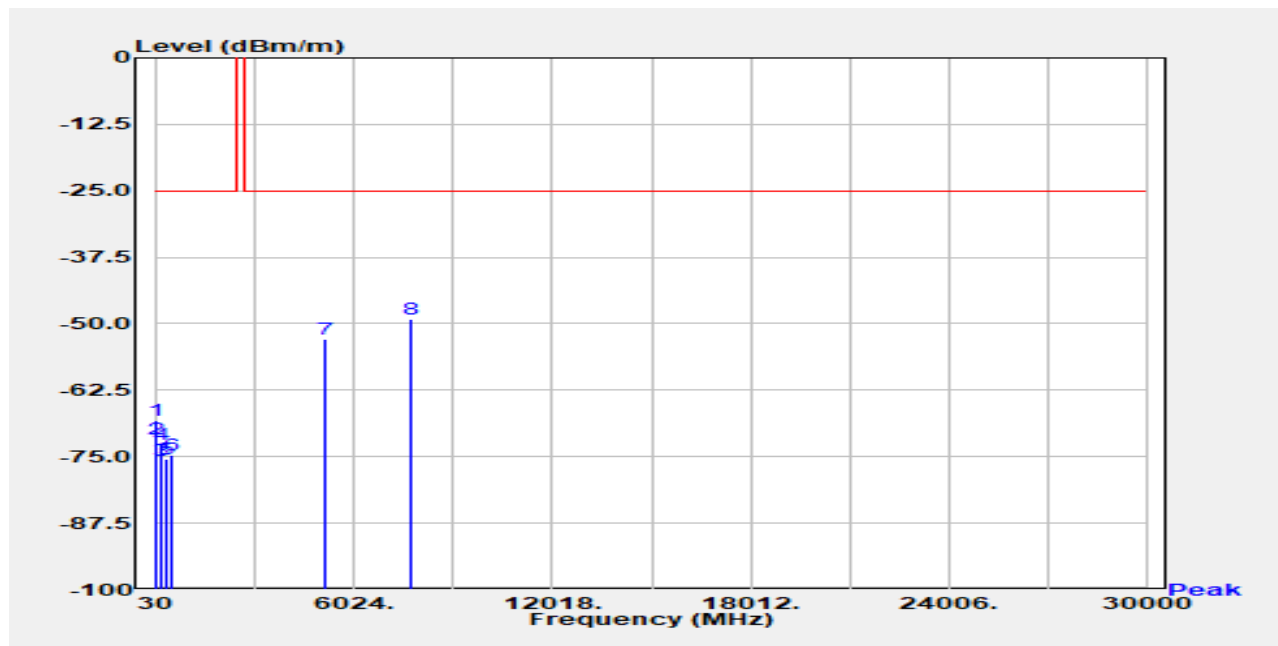
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :2593 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
34.850	-68.10	-56.33	-11.13	-0.64	-25.00	-43.10
71.710	-71.66	-66.75	-4.01	-0.90	-25.00	-46.66
181.320	-75.63	-78.09	3.90	-1.44	-25.00	-50.63
212.360	-72.72	-77.95	6.77	-1.54	-25.00	-47.72
362.710	-75.40	-80.05	6.72	-2.07	-25.00	-50.40
547.980	-74.79	-79.13	6.71	-2.37	-25.00	-49.79
5186.000	-52.92	-57.30	12.34	-7.97	-25.00	-27.92
7779.000	-49.16	-50.57	11.50	-10.09	-25.00	-24.16

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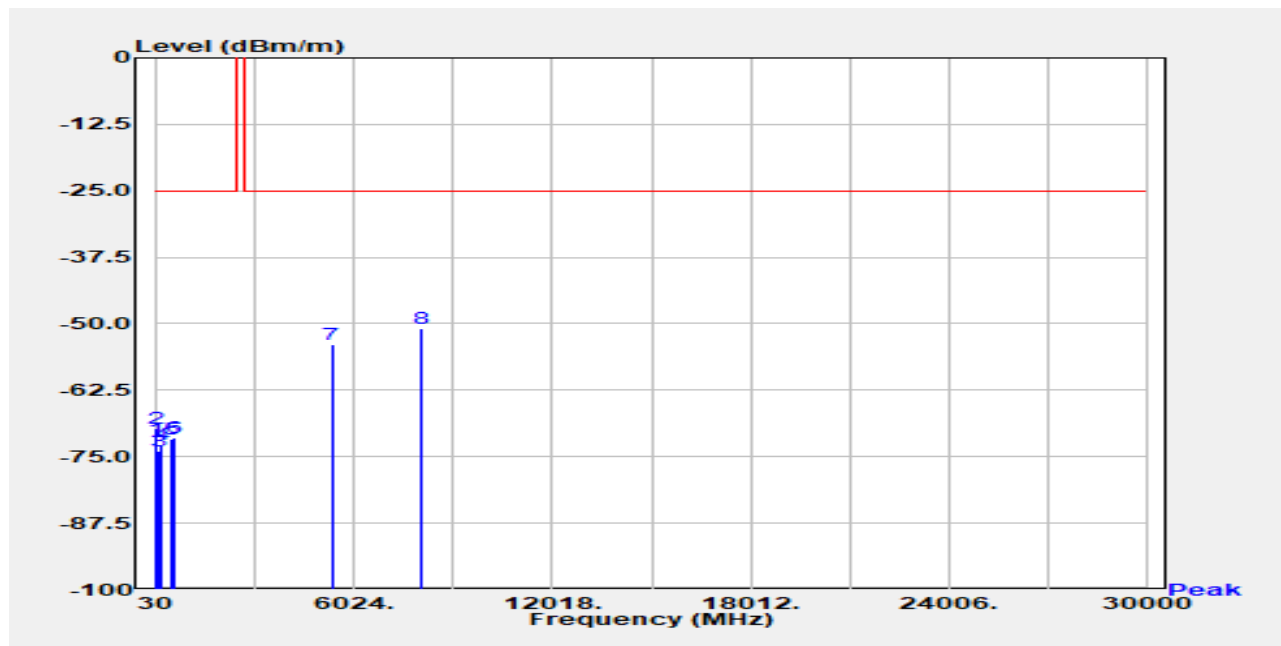
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Report Number :TERF2305001076ER
 Operation Mode :LTE B41
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :2680 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
30.970	-71.73	-59.29	-11.84	-0.60	-25.00	-46.73
75.590	-69.59	-66.35	-2.32	-0.92	-25.00	-44.59
101.780	-73.85	-74.08	1.30	-1.08	-25.00	-48.85
211.390	-72.72	-77.95	6.77	-1.54	-25.00	-47.72
556.710	-71.75	-75.69	6.61	-2.67	-25.00	-46.75
602.300	-71.32	-74.85	6.08	-2.55	-25.00	-46.32
5360.000	-53.93	-58.92	13.18	-8.19	-25.00	-28.93
8040.000	-50.77	-51.52	10.86	-10.11	-25.00	-25.77

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B41

Test Date :2023-06-28

Test Mode :Tx

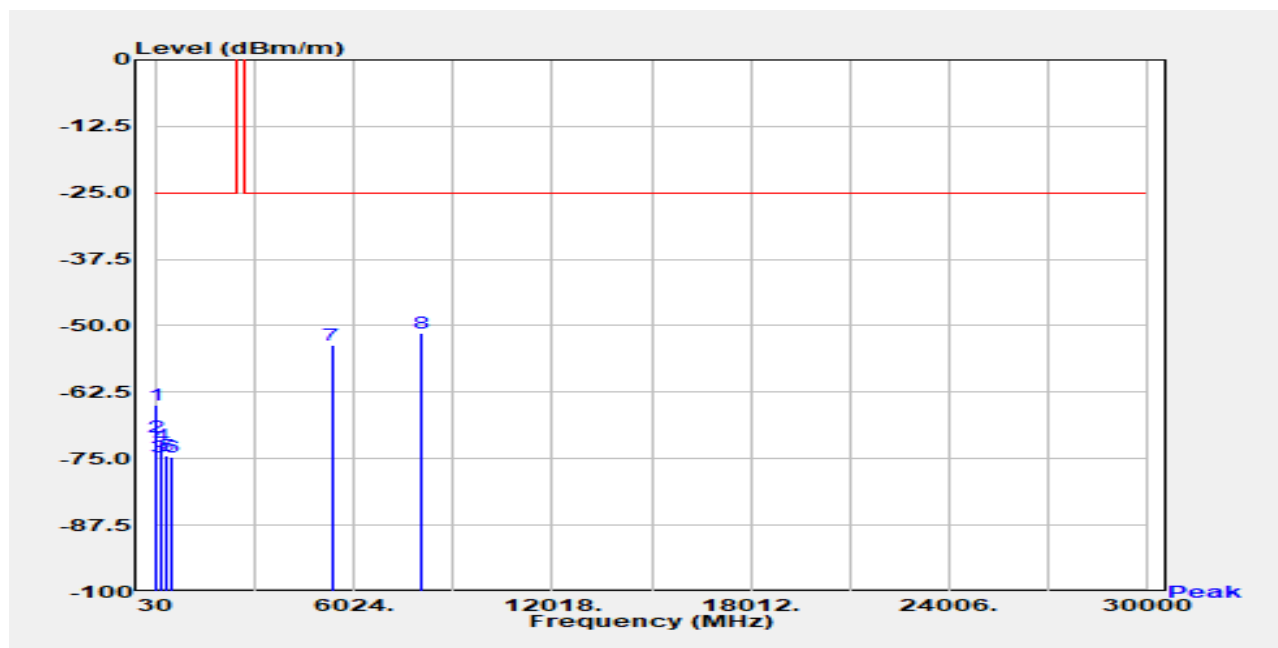
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :2680 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-64.98	-53.61	-10.72	-0.65	-25.00	-39.98
66.860	-70.95	-64.63	-5.45	-0.86	-25.00	-45.95
177.440	-74.79	-76.57	3.20	-1.43	-25.00	-49.79
212.360	-72.49	-77.72	6.77	-1.54	-25.00	-47.49
348.160	-74.34	-78.85	6.60	-2.09	-25.00	-49.34
548.950	-74.59	-78.94	6.72	-2.37	-25.00	-49.59
5360.000	-53.73	-58.73	13.18	-8.19	-25.00	-28.73
8040.000	-51.37	-52.13	10.86	-10.11	-25.00	-26.37

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B66

Test Date :2023-06-28

Test Mode :Tx

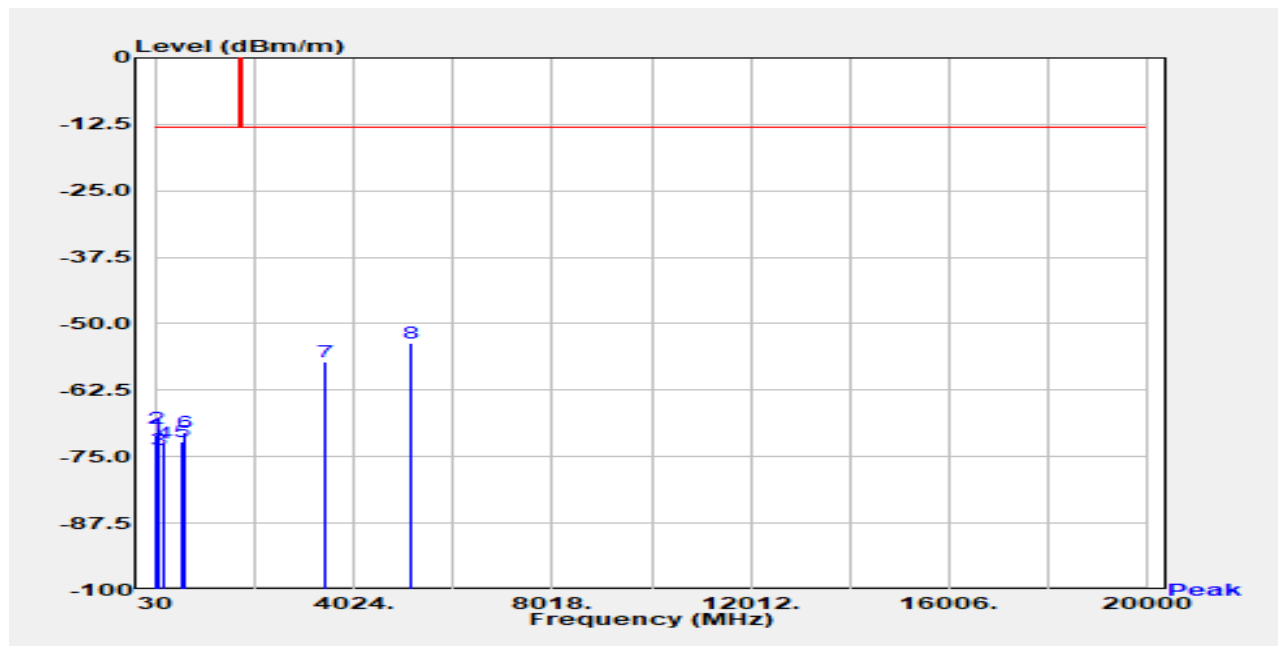
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :1720 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.02	-58.73	-11.68	-0.61	-13.00	-58.02
75.590	-69.60	-66.36	-2.32	-0.92	-13.00	-56.60
104.690	-73.68	-73.61	1.02	-1.09	-13.00	-60.68
211.390	-72.47	-77.70	6.77	-1.54	-13.00	-59.47
561.560	-72.14	-75.89	6.55	-2.80	-13.00	-59.14
601.330	-70.53	-74.07	6.08	-2.55	-13.00	-57.53
3440.000	-57.09	-63.14	12.42	-6.36	-13.00	-44.09
5160.000	-53.62	-57.89	12.24	-7.97	-13.00	-40.62

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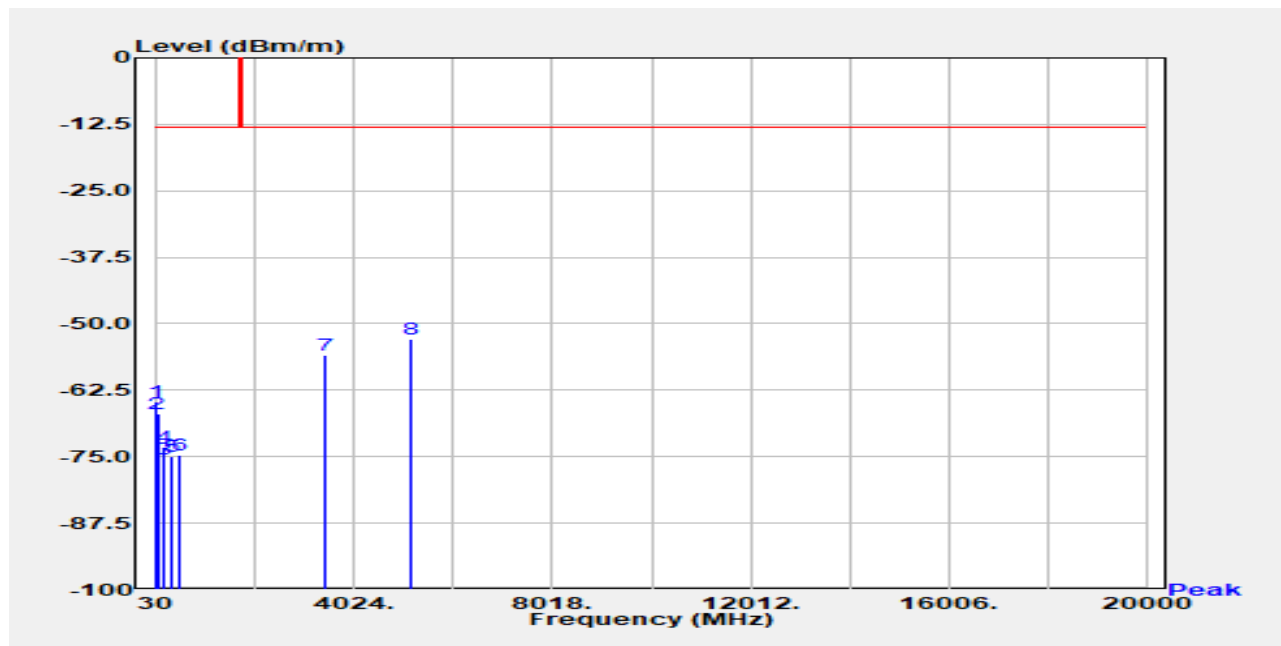
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Report Number :TERF2305001076ER
 Operation Mode :LTE B66
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :1720 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-64.57	-53.20	-10.72	-0.65	-13.00	-51.57
75.590	-66.95	-63.70	-2.32	-0.92	-13.00	-53.95
183.260	-75.36	-78.00	4.09	-1.45	-13.00	-62.36
212.360	-73.08	-78.31	6.77	-1.54	-13.00	-60.08
358.830	-74.88	-79.57	6.75	-2.06	-13.00	-61.88
544.100	-74.78	-79.05	6.65	-2.38	-13.00	-61.78
3440.000	-55.99	-62.04	12.42	-6.36	-13.00	-42.99
5160.000	-52.88	-57.15	12.24	-7.97	-13.00	-39.88

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Report Number :TERF2305001076ER

Operation Mode :LTE B66

Test Mode :Tx

EUT Pol :E1 Plane

Test Frequency :1745 MHz

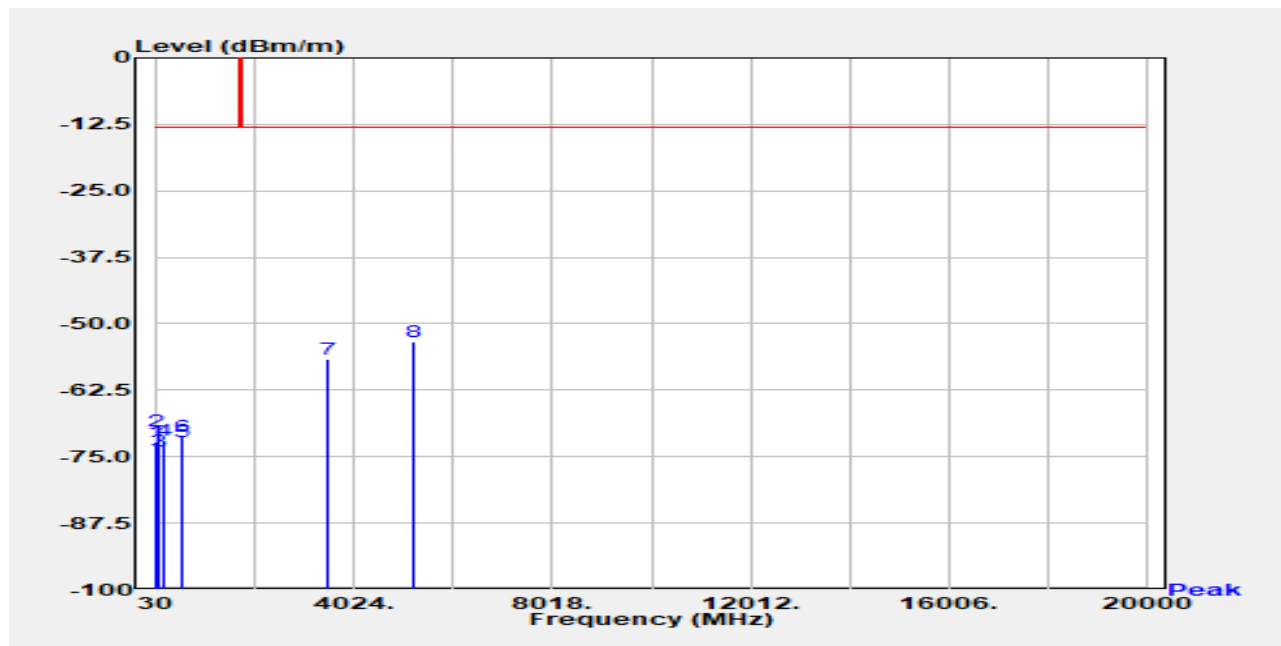
Test Site :SAC 2

Test Date :2023-06-28

Temp./Humi. :26.2°C/58%

Antenna Pol. :Vertical

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-72.15	-59.85	-11.68	-0.61	-13.00	-59.15
75.590	-70.27	-67.02	-2.32	-0.92	-13.00	-57.27
102.750	-73.86	-74.15	1.37	-1.08	-13.00	-60.86
212.360	-71.93	-77.16	6.77	-1.54	-13.00	-58.93
555.740	-72.12	-76.11	6.62	-2.62	-13.00	-59.12
587.750	-71.07	-74.38	6.26	-2.95	-13.00	-58.07
3490.000	-56.71	-62.66	12.32	-6.37	-13.00	-43.71
5235.000	-53.46	-58.10	12.68	-8.04	-13.00	-40.46

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f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B66

Test Date :2023-06-28

Test Mode :Tx

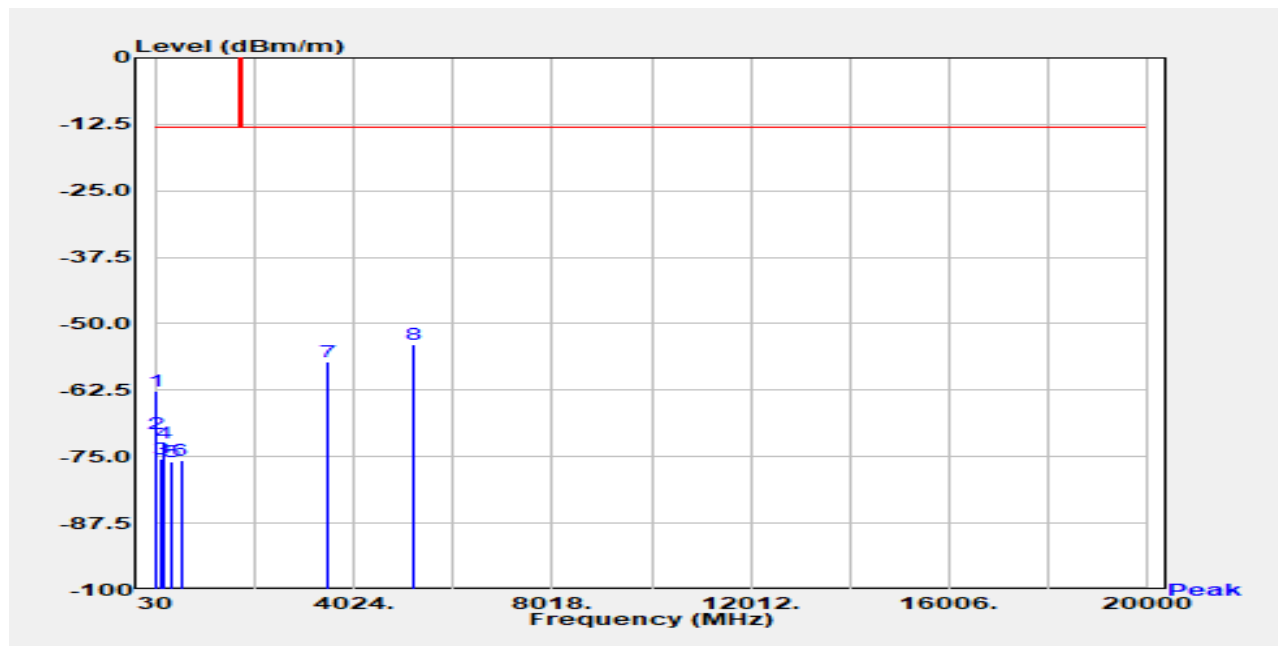
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1745 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-62.63	-50.70	-11.30	-0.63	-13.00	-49.63
73.650	-70.61	-66.70	-3.00	-0.91	-13.00	-57.61
178.410	-75.50	-77.47	3.40	-1.43	-13.00	-62.50
211.390	-72.47	-77.70	6.77	-1.54	-13.00	-59.47
341.370	-75.88	-80.20	6.42	-2.10	-13.00	-62.88
547.980	-75.57	-79.90	6.71	-2.37	-13.00	-62.57
3490.000	-57.21	-63.16	12.32	-6.37	-13.00	-44.21
5235.000	-53.78	-58.42	12.68	-8.04	-13.00	-40.78

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Member of SGS Group

Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B66

Test Date :2023-06-28

Test Mode :Tx

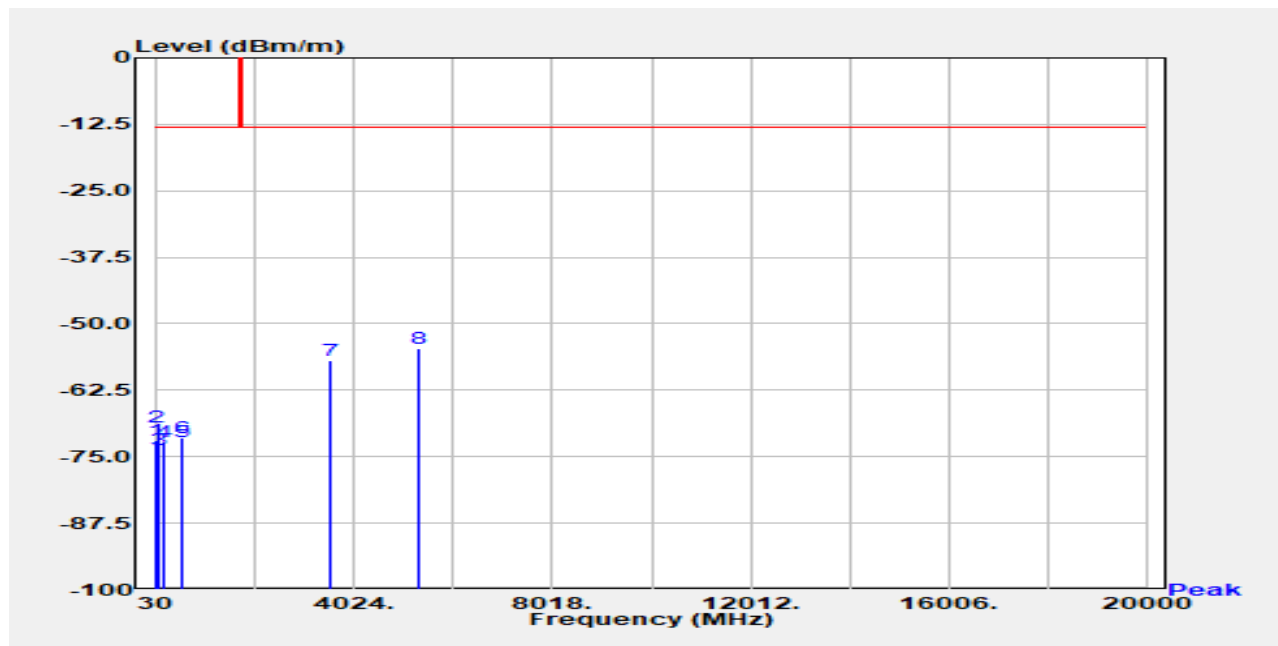
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Vertical

Test Frequency :1770 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-71.87	-59.94	-11.30	-0.63	-13.00	-58.87
75.590	-69.32	-66.07	-2.32	-0.92	-13.00	-56.32
102.750	-73.67	-73.95	1.37	-1.08	-13.00	-60.67
213.330	-72.09	-77.32	6.78	-1.55	-13.00	-59.09
557.680	-72.16	-76.05	6.60	-2.71	-13.00	-59.16
592.600	-71.46	-74.77	6.18	-2.87	-13.00	-58.46
3540.000	-56.86	-62.74	12.30	-6.41	-13.00	-43.86
5310.000	-54.69	-59.63	13.12	-8.17	-13.00	-41.69

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Report Number :TERF2305001076ER

Test Site :SAC 2

Operation Mode :LTE B66

Test Date :2023-06-28

Test Mode :Tx

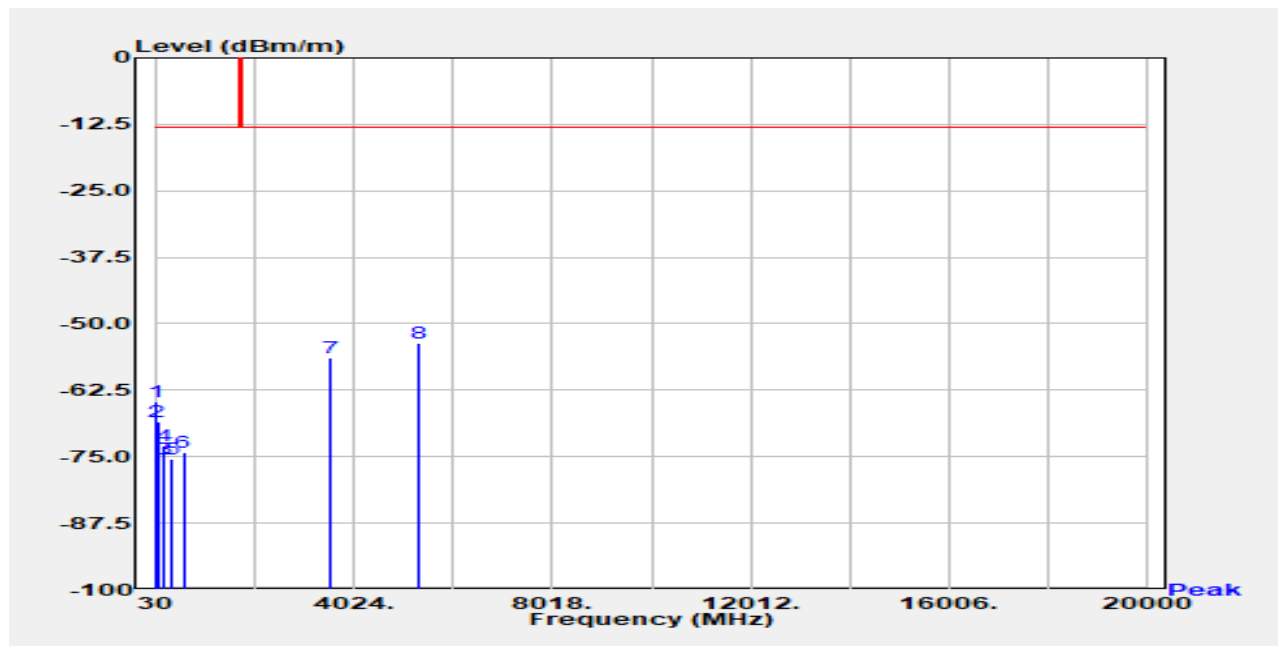
Temp./Humi. :26.2°C/58%

EUT Pol :E1 Plane

Antenna Pol. :Horizontal

Test Frequency :1770 MHz

Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
33.880	-64.68	-52.75	-11.30	-0.63	-13.00	-51.68
75.590	-68.38	-65.13	-2.32	-0.92	-13.00	-55.38
185.200	-75.51	-78.45	4.40	-1.47	-13.00	-62.51
214.300	-72.96	-78.19	6.78	-1.55	-13.00	-59.96
354.950	-75.40	-80.06	6.73	-2.08	-13.00	-62.40
600.360	-74.23	-77.78	6.09	-2.54	-13.00	-61.23
3540.000	-56.46	-62.35	12.30	-6.41	-13.00	-43.46
5310.000	-53.66	-58.60	13.12	-8.17	-13.00	-40.66

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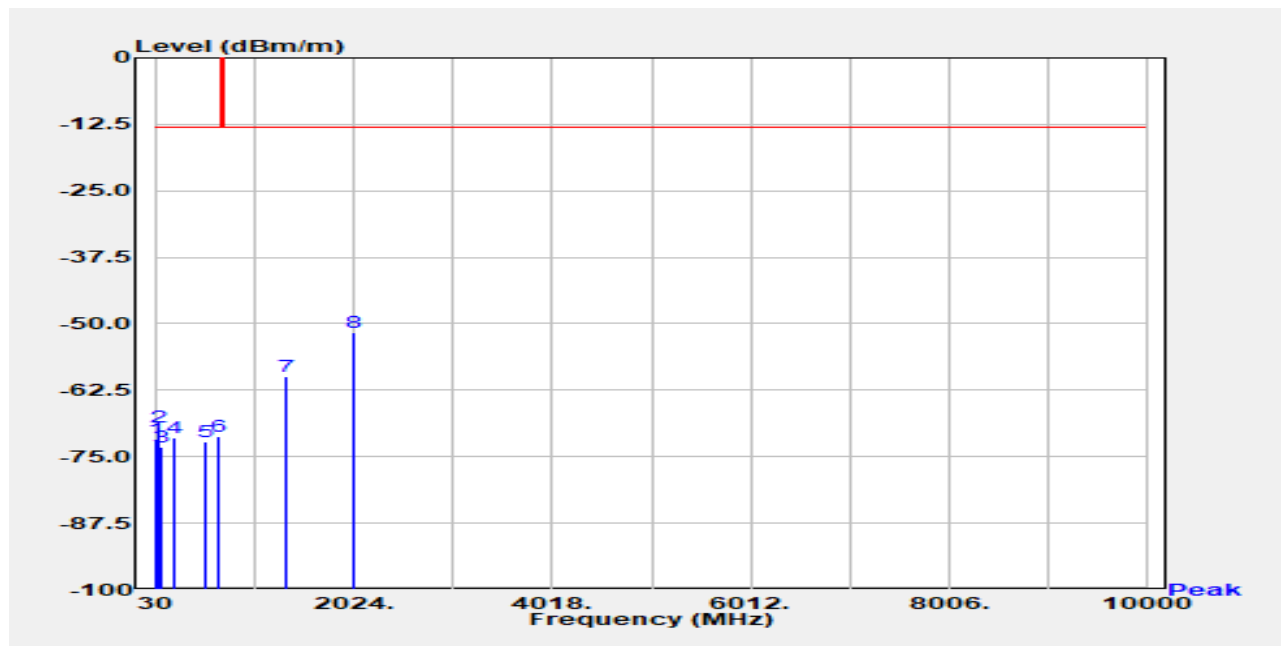
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Member of SGS Group

Report Number :TERF2305001076ER
 Operation Mode :LTE B71
 Test Mode :Tx
 EUT Pol :E1 Plane
 Test Frequency :673 MHz

Test Site :SAC 2
 Test Date :2023-06-28
 Temp./Humi. :26.2°C/58%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.65	-59.36	-11.68	-0.61	-13.00	-58.65
75.590	-69.52	-66.27	-2.32	-0.92	-13.00	-56.52
103.720	-73.27	-73.42	1.23	-1.09	-13.00	-60.27
212.360	-71.33	-76.56	6.77	-1.54	-13.00	-58.33
536.340	-72.23	-76.38	6.52	-2.37	-13.00	-59.23
658.560	-71.05	-74.59	6.07	-2.53	-13.00	-58.05
1346.000	-59.79	-62.83	7.01	-3.97	-13.00	-46.79
2019.000	-51.71	-57.01	10.20	-4.90	-13.00	-38.71

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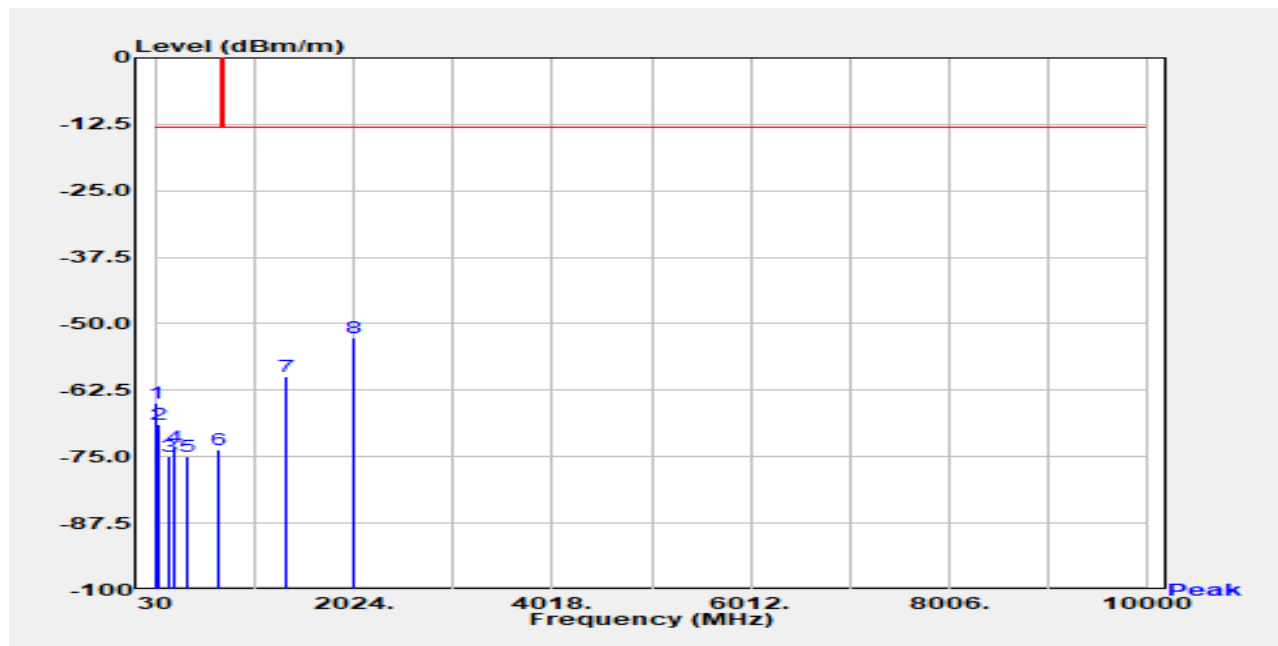
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Report Number :TERF2305001076ER
Operation Mode :LTE B71
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :673 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
34.850	-64.96	-53.19	-11.13	-0.64	-13.00	-51.96
75.590	-68.97	-65.72	-2.32	-0.92	-13.00	-55.97
176.470	-74.98	-76.51	2.96	-1.43	-13.00	-61.98
211.390	-73.09	-78.32	6.77	-1.54	-13.00	-60.09
345.250	-75.03	-79.53	6.59	-2.09	-13.00	-62.03
660.500	-73.62	-77.18	6.13	-2.57	-13.00	-60.62
1346.000	-59.91	-62.95	7.01	-3.97	-13.00	-46.91
2019.000	-52.70	-58.00	10.20	-4.90	-13.00	-39.70

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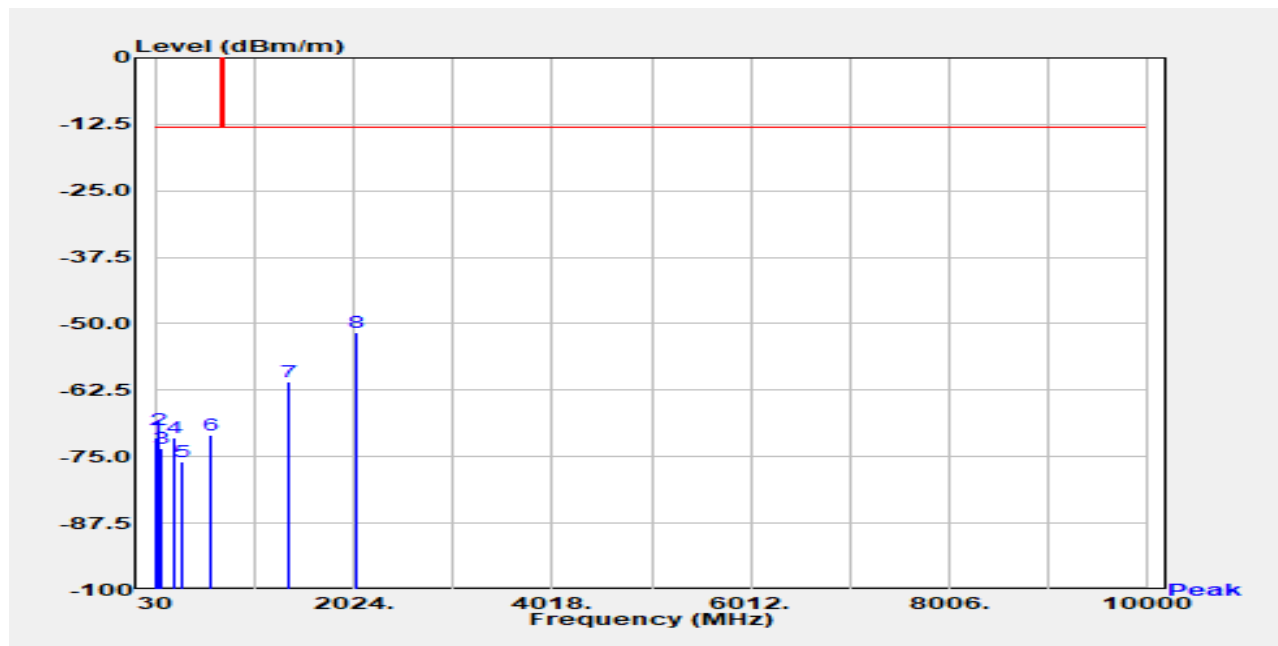
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Report Number :TERF2305001076ER
Operation Mode :LTE B71
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :680.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



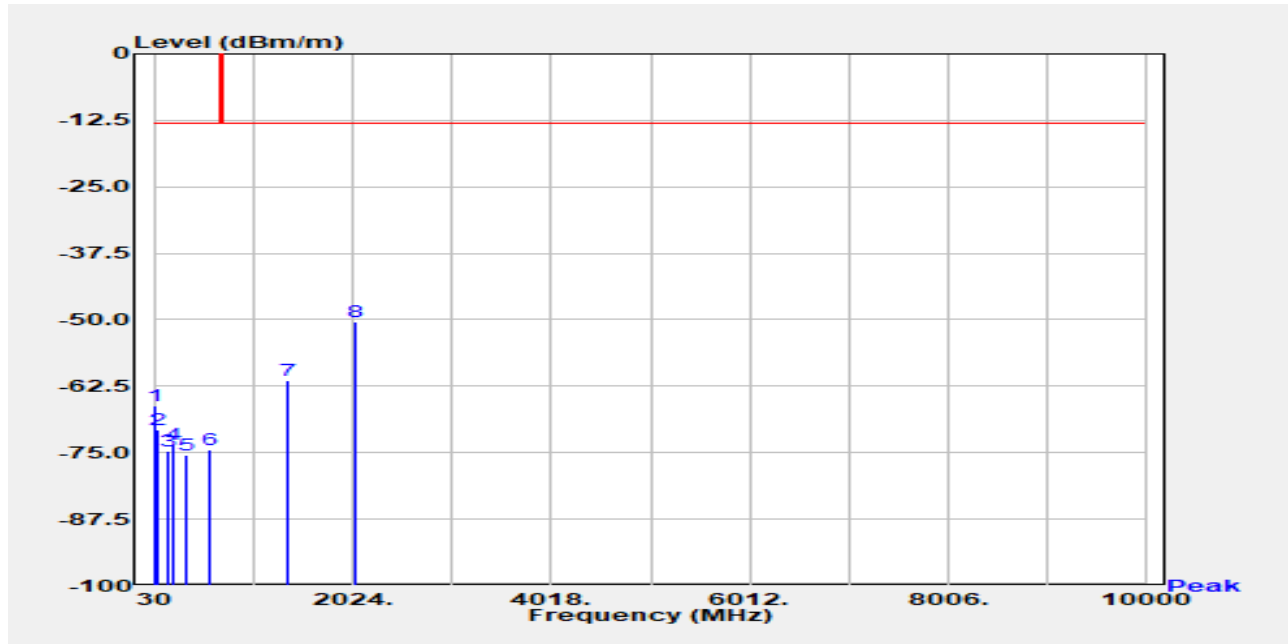
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.46	-59.17	-11.68	-0.61	-13.00	-58.46
75.590	-69.80	-66.55	-2.32	-0.92	-13.00	-56.80
102.750	-73.32	-73.60	1.37	-1.08	-13.00	-60.32
212.360	-71.41	-76.64	6.77	-1.54	-13.00	-58.41
313.240	-75.83	-80.22	6.22	-1.82	-13.00	-62.83
600.360	-70.91	-74.45	6.09	-2.54	-13.00	-57.91
1361.000	-60.97	-64.11	7.13	-3.99	-13.00	-47.97
2041.500	-51.68	-56.95	10.20	-4.92	-13.00	-38.68

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Report Number :TERF2305001076ER
Operation Mode :LTE B71
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :680.5 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



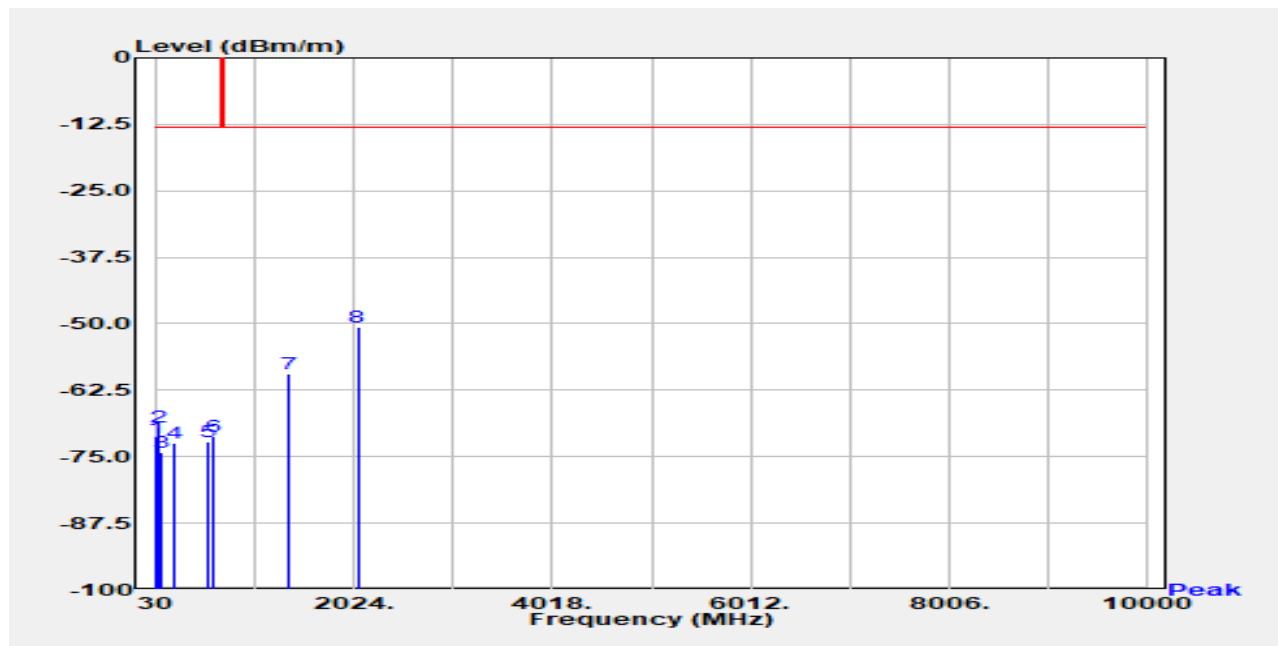
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
35.820	-66.18	-54.81	-10.72	-0.65	-13.00	-53.18
70.740	-70.74	-65.55	-4.30	-0.89	-13.00	-57.74
181.320	-74.59	-77.04	3.90	-1.44	-13.00	-61.59
213.330	-73.33	-78.56	6.78	-1.55	-13.00	-60.33
352.040	-75.45	-80.02	6.66	-2.08	-13.00	-62.45
586.780	-74.44	-77.78	6.26	-2.93	-13.00	-61.44
1361.000	-61.51	-64.66	7.13	-3.99	-13.00	-48.51
2041.500	-50.42	-55.70	10.20	-4.92	-13.00	-37.42

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Report Number :TERF2305001076ER
Operation Mode :LTE B71
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :688 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Vertical
Engineer :Ricky Chen



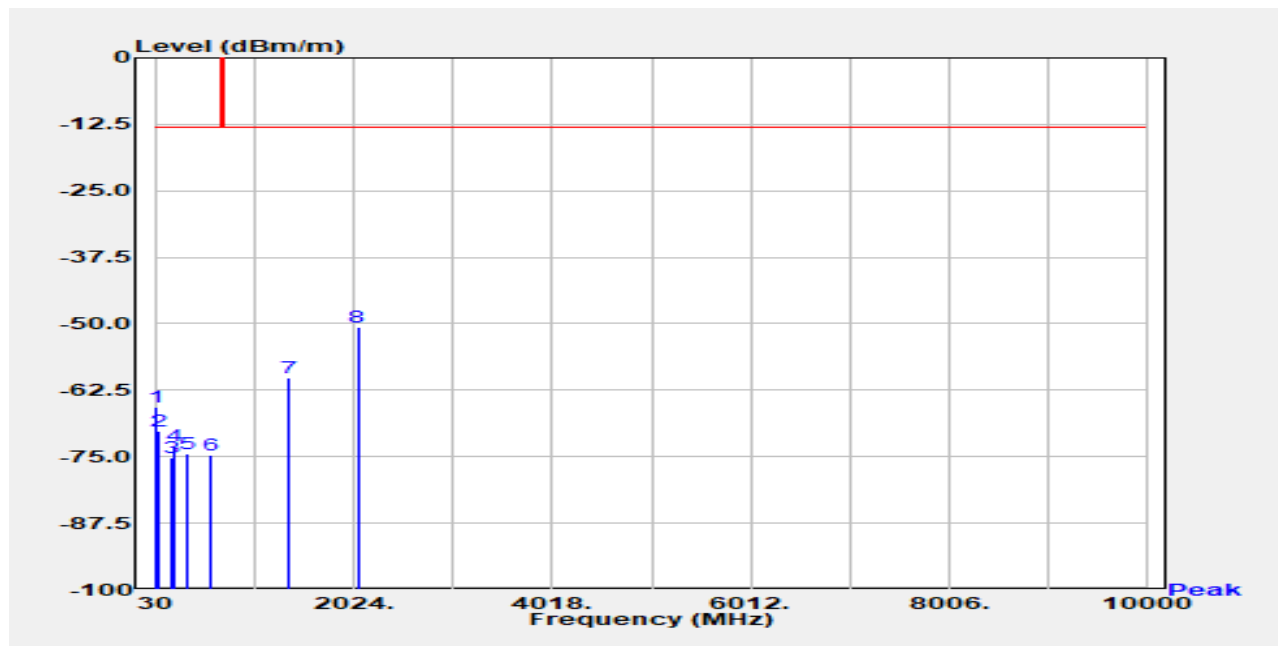
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
31.940	-71.52	-59.23	-11.68	-0.61	-13.00	-58.52
75.590	-69.52	-66.28	-2.32	-0.92	-13.00	-56.52
102.750	-74.21	-74.50	1.37	-1.08	-13.00	-61.21
215.270	-72.37	-77.61	6.79	-1.55	-13.00	-59.37
552.830	-72.20	-76.38	6.67	-2.50	-13.00	-59.20
604.240	-71.23	-74.75	6.07	-2.56	-13.00	-58.23
1376.000	-59.40	-62.70	7.31	-4.02	-13.00	-46.40
2064.000	-50.53	-55.70	10.12	-4.94	-13.00	-37.53

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Report Number :TERF2305001076ER
Operation Mode :LTE B71
Test Mode :Tx
EUT Pol :E1 Plane
Test Frequency :688 MHz

Test Site :SAC 2
Test Date :2023-06-28
Temp./Humi. :26.2°C/58%
Antenna Pol. :Horizontal
Engineer :Ricky Chen



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
33.880	-65.75	-53.82	-11.30	-0.63	-13.00	-52.75
75.590	-70.10	-66.86	-2.32	-0.92	-13.00	-57.10
188.110	-75.27	-78.62	4.84	-1.49	-13.00	-62.27
211.390	-72.95	-78.18	6.77	-1.54	-13.00	-59.95
353.980	-74.41	-79.04	6.71	-2.08	-13.00	-61.41
595.510	-74.70	-78.07	6.12	-2.74	-13.00	-61.70
1376.000	-60.28	-63.57	7.31	-4.02	-13.00	-47.28
2064.000	-50.70	-55.87	10.12	-4.94	-13.00	-37.70

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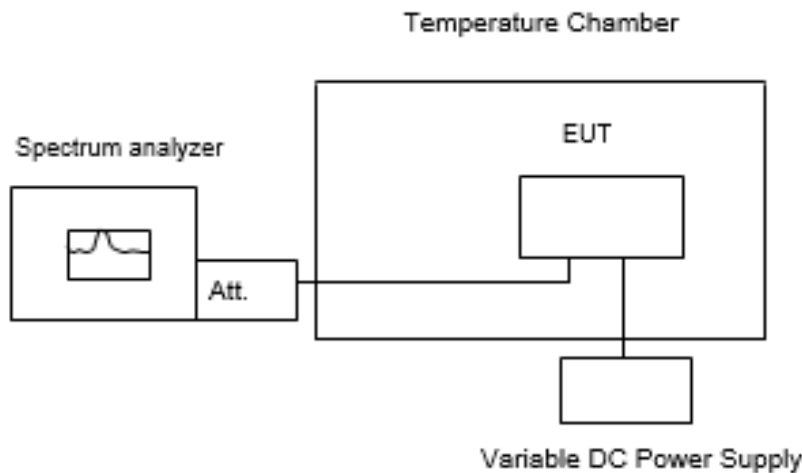
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11 FREQUENCY STABILITY MEASUREMENT

11.1 Standard Applicabl

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

11.2 Test Set-up



Note: Measurement setup for testing on Antenna connector

11.3 Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 25°C. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.

Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

11.4 Measurement Result

Note: The battery is rated 3.89V dc.

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Reference Freq.:		LTE B2 Mid Channel		1880.0000	MHz 10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	1880.000003	0.0018	+/- 2.5 ppm	
3.89	25	1879.999999	-0.0006		
3.3065	25	1879.999986	-0.0075		
3.2 (End Point)	25	1880.000011	0.0056		
Freq. ERROR vs. Temp.					
3.89	-30	1880.000008	0.0043	+/- 2.5 ppm	
3.89	-20	1880.000007	0.0037		
3.89	-10	1879.999995	-0.0025		
3.89	0	1879.999989	-0.0057		
3.89	10	1879.999985	-0.0078		
3.89	20	1879.999998	-0.0012		
3.89	30	1879.999995	-0.0027		
3.89	40	1879.999995	-0.0026		
3.89	50	1880.000009	0.0048		
Reference Freq.:		LTE B4 Mid Channel		1732.5000	MHz 10M QPSK CH 20175
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	1732.499990	-0.0061	+/- 2.5 ppm	
3.89	25	1732.500008	0.0044		
3.3065	25	1732.500009	0.0049		
3.2 (End Point)	25	1732.499995	-0.0032		
Freq. ERROR vs. Temp.					
3.89	-30	1732.500003	0.0015	+/- 2.5 ppm	
3.89	-20	1732.499994	-0.0034		
3.89	-10	1732.499991	-0.0054		
3.89	0	1732.500000	0.0002		
3.89	10	1732.499991	-0.0050		
3.89	20	1732.500014	0.0083		
3.89	30	1732.499991	-0.0054		
3.89	40	1732.500001	0.0007		
3.89	50	1732.500001	0.0006		

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Reference Freq.:		LTE B5 Mid Channel		836.5000	MHz 10M QPSK CH 20525
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	836.500007	0.0088	+/- 2.5 ppm	
3.89	25	836.500005	0.0054		
3.3065	25	836.499998	-0.0025		
3.2 (End Point)	25	836.499992	-0.0102		
Freq. ERROR vs. Temp.					
3.89	-30	836.499998	-0.0027	+/- 2.5 ppm	
3.89	-20	836.499991	-0.0113		
3.89	-10	836.500009	0.0109		
3.89	0	836.499985	-0.0175		
3.89	10	836.499990	-0.0118		
3.89	20	836.500015	0.0179		
3.89	30	836.500012	0.0138		
3.89	40	836.500003	0.0041		
3.89	50	836.499994	-0.0076		
Reference Freq.:		LTE B7 Mid Channel		2535.0000	MHz 10M QPSK CH 21100
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	2534.999999	-0.0002	+/- 2.5 ppm	
3.89	25	2535.000009	0.0035		
3.3065	25	2534.999995	-0.0021		
3.2 (End Point)	25	2535.000009	0.0037		
Freq. ERROR vs. Temp.					
3.89	-30	2534.999993	-0.0027	+/- 2.5 ppm	
3.89	-20	2534.999999	-0.0002		
3.89	-10	2535.000007	0.0027		
3.89	0	2535.000008	0.0033		
3.89	10	2534.999996	-0.0015		
3.89	20	2535.000001	0.0005		
3.89	30	2535.000013	0.0053		
3.89	40	2534.999996	-0.0016		
3.89	50	2535.000002	0.0008		

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Reference Freq.:		LTE B12 Mid Channel		707.5000	MHz 10M QPSK CH 23095
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	707.500009	0.0123	+/- 2.5 ppm	
3.89	25	707.499989	-0.0157		
3.3065	25	707.499988	-0.0171		
3.2 (End Point)	25	707.500011	0.0150		
Freq. ERROR vs. Temp.					
3.89	-30	707.499996	-0.0063	+/- 2.5 ppm	
3.89	-20	707.500015	0.0209		
3.89	-10	707.500014	0.0195		
3.89	0	707.499996	-0.0058		
3.89	10	707.499994	-0.0088		
3.89	20	707.499995	-0.0065		
3.89	30	707.500010	0.0142		
3.89	40	707.499986	-0.0200		
3.89	50	707.499991	-0.0122		
Reference Freq.:		LTE B17 Mid Channel		710.0000	MHz 10M QPSK CH 23790
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	710.000011	0.0159	+/- 2.5 ppm	
3.89	25	710.000013	0.0187		
3.3065	25	710.000000	0.0003		
3.2 (End Point)	25	709.999987	-0.0179		
Freq. ERROR vs. Temp.					
3.89	-30	710.000014	0.0201	+/- 2.5 ppm	
3.89	-20	709.999996	-0.0052		
3.89	-10	710.000012	0.0167		
3.89	0	709.999989	-0.0158		
3.89	10	709.999996	-0.0054		
3.89	20	709.999993	-0.0103		
3.89	30	710.000014	0.0202		
3.89	40	710.000005	0.0068		
3.89	50	710.000003	0.0048		

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Reference Freq.:		LTE B25 Mid Channel		1882.5000	MHz 10M QPSK CH 26365
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	Delta (Hz)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	1882.499988	-0.0062	+/- 2.5 ppm	
3.89	25	1882.500008	0.0041		
3.3065	25	1882.500011	0.0057		
3.2 (End Point)	25	1882.499993	-0.0035		
Freq. ERROR vs. Temp.					
3.89	-30	1882.499986	-0.0074	+/- 2.5 ppm	
3.89	-20	1882.500002	0.0008		
3.89	-10	1882.500009	0.0049		
3.89	0	1882.500012	0.0065		
3.89	10	1882.500000	0.0000		
3.89	20	1882.499988	-0.0062		
3.89	30	1882.500015	0.0079		
3.89	40	1882.499995	-0.0026		
3.89	50	1882.500013	0.0067		
Reference Freq.:		Part 90 LTE B26 Mid Channel		819.0000	MHz 10M QPSK CH 26740
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE (LTE B26 for Part 90S)					
4.4735	25	818.999991	-0.0107	+/- 2.5 ppm	
3.89	25	819.000014	0.0171		
3.3065	25	818.999991	-0.0114		
3.2 (End Point)	25	819.000005	0.0059		
Freq. ERROR vs. Temp.					
3.89	-30	819.000011	0.0132	+/- 2.5 ppm	
3.89	-20	818.999993	-0.0086		
3.89	-10	818.999988	-0.0143		
3.89	0	819.000003	0.0041		
3.89	10	819.000015	0.0181		
3.89	20	818.999989	-0.0135		
3.89	30	818.999988	-0.0152		
3.89	40	818.999992	-0.0097		
3.89	50	818.999987	-0.0162		

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Reference Freq.:		LTE B26 Mid Channel		831.5000	MHz 10M QPSK CH 26865
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	831.500002	0.0025	+/- 2.5 ppm	
3.89	25	831.500000	0.0001		
3.3065	25	831.499995	-0.0055		
3.2 (End Point)	25	831.500009	0.0103		
Freq. ERROR vs. Temp.					
3.89	-30	831.499985	-0.0177	+/- 2.5 ppm	
3.89	-20	831.499991	-0.0113		
3.89	-10	831.500007	0.0084		
3.89	0	831.499994	-0.0078		
3.89	10	831.499997	-0.0040		
3.89	20	831.500012	0.0139		
3.89	30	831.500006	0.0074		
3.89	40	831.500012	0.0142		
3.89	50	831.499987	-0.0158		
Reference Freq.:		LTE B30 Mid Channel		2310.0000	MHz 10M QPSK CH 27710
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	2309.999990	-0.0042	+/- 2.5 ppm	
3.89	25	2309.999986	-0.0060		
3.3065	25	2309.999999	-0.0004		
3.2 (End Point)	25	2310.000012	0.0050		
Freq. ERROR vs. Temp.					
3.89	-30	2309.999989	-0.0049	+/- 2.5 ppm	
3.89	-20	2309.999990	-0.0042		
3.89	-10	2309.999991	-0.0038		
3.89	0	2310.000013	0.0055		
3.89	10	2310.000013	0.0056		
3.89	20	2310.000013	0.0057		
3.89	30	2309.999985	-0.0063		
3.89	40	2309.999988	-0.0053		
3.89	50	2310.000001	0.0003		

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Reference Freq.:		LTE B38 Mid Channel		2595.0000	MHz 10M QPSK CH 38000
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	2594.999995	-0.0021	+/- 2.5 ppm	
3.89	25	2595.000001	0.0002		
3.3065	25	2594.999989	-0.0041		
3.2 (End Point)	25	2595.000012	0.0048		
Freq. ERROR vs. Temp.					
3.89	-30	2594.999985	-0.0057	+/- 2.5 ppm	
3.89	-20	2595.000011	0.0041		
3.89	-10	2594.999991	-0.0036		
3.89	0	2595.000003	0.0010		
3.89	10	2594.999998	-0.0009		
3.89	20	2595.000007	0.0028		
3.89	30	2595.000011	0.0043		
3.89	40	2595.000006	0.0024		
3.89	50	2594.999987	-0.0049		
Reference Freq.:		LTE B41 Mid Channel		2593.0000	MHz 10M QPSK CH 40620
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	2592.999992	-0.0031	+/- 2.5 ppm	
3.89	25	2592.999994	-0.0024		
3.3065	25	2593.000004	0.0014		
3.2 (End Point)	25	2593.000013	0.0052		
Freq. ERROR vs. Temp.					
3.89	-30	2592.999990	-0.0037	+/- 2.5 ppm	
3.89	-20	2592.999989	-0.0041		
3.89	-10	2593.000013	0.0048		
3.89	0	2593.000002	0.0008		
3.89	10	2592.999992	-0.0031		
3.89	20	2593.000011	0.0044		
3.89	30	2592.999989	-0.0042		
3.89	40	2593.000001	0.0003		
3.89	50	2592.999986	-0.0053		

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Reference Freq.:		LTE B66 Mid Channel		1745.0000	MHz 10M QPSK CH 132322
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	1745.000001	0.0007	+/- 2.5 ppm	
3.89	25	1745.000005	0.0031		
3.3065	25	1745.000013	0.0074		
3.2 (End Point)	25	1744.999988	-0.0068		
Freq. ERROR vs. Temp.					
3.89	-30	1744.999988	-0.0067	+/- 2.5 ppm	
3.89	-20	1745.000011	0.0065		
3.89	-10	1745.000013	0.0075		
3.89	0	1744.999997	-0.0018		
3.89	10	1744.999985	-0.0085		
3.89	20	1745.000005	0.0028		
3.89	30	1745.000008	0.0046		
3.89	40	1744.999992	-0.0046		
3.89	50	1744.999986	-0.0082		
Reference Freq.:		LTE B71 Mid Channel		680.5000	MHz 10M QPSK CH 133297
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE					
4.4735	25	680.500005	0.0079	+/- 2.5 ppm	
3.89	25	680.499987	-0.0195		
3.3065	25	680.499991	-0.0136		
3.2 (End Point)	25	680.500008	0.0113		
Freq. ERROR vs. Temp.					
3.89	-30	680.500012	0.0176	+/- 2.5 ppm	
3.89	-20	680.500009	0.0131		
3.89	-10	680.499988	-0.0172		
3.89	0	680.499993	-0.0104		
3.89	10	680.500010	0.0150		
3.89	20	680.499993	-0.0107		
3.89	30	680.499996	-0.0065		
3.89	40	680.499989	-0.0164		
3.89	50	680.500015	0.0215		

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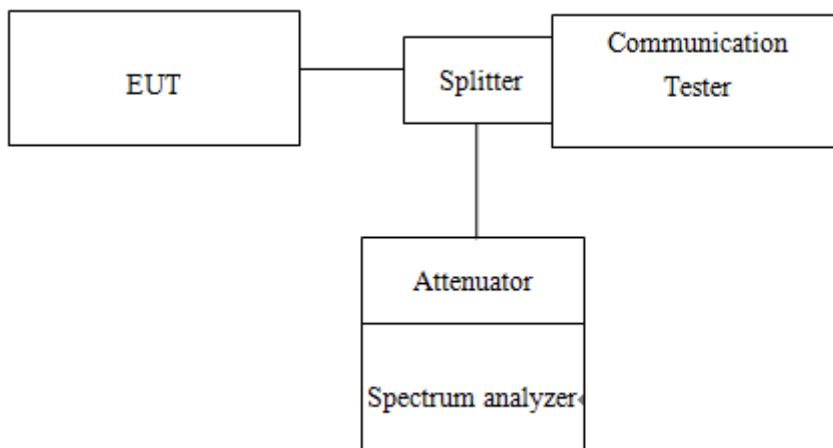
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12 PEAK TO AVERAGE RATIO

12.1 Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2 Test SET-UP



12.3 Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth; & internal = 1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

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12.4 Measurement Result

LTE BAND 2							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1850.7	18607	6.94	13	1851.5	18615	6.83	13
1880.0	18900	6.78	13	1880.0	18900	6.58	13
1909.3	19193	6.52	13	1908.5	19185	6.81	13

LTE BAND 2							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.5	18625	6.64	13	1855.0	18650	7.07	13
1880.0	18900	6.69	13	1880.0	18900	6.59	13
1907.5	19175	6.65	13	1905.0	19150	6.63	13

LTE BAND 2							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.5	18675	6.68	13	1860.0	18700	6.83	13
1880.0	18900	6.37	13	1880.0	18900	6.67	13
1902.5	19125	6.48	13	1900.0	19100	6.57	13

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LTE BAND 4							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1710.7	19957	6.33	13	1711.5	19965	6.54	13
1732.5	20175	6.83	13	1732.5	20175	6.50	13
1754.3	20393	6.56	13	1753.5	20385	6.71	13

LTE BAND 4							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1712.5	19975	6.25	13	1715.0	20000	6.40	13
1732.5	20175	6.61	13	1732.5	20175	6.53	13
1752.5	20375	6.61	13	1750.0	20350	6.72	13

LTE BAND 4							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1717.5	20025	6.30	13	1720.0	20050	6.91	13
1732.5	20175	6.56	13	1732.5	20175	6.66	13
1747.5	20325	7.48	13	1745.0	20300	6.73	13

LTE BAND 5							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
824.7	20407	6.37	13	825.5	20415	6.66	13
836.5	20525	6.67	13	836.5	20525	6.76	13
848.3	20643	6.86	13	847.5	20635	6.67	13

LTE BAND 5							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
826.5	20425	6.69	13	829.0	20450	6.97	13
836.5	20525	6.33	13	836.5	20525	6.58	13
846.5	20625	6.73	13	844.0	20600	6.72	13

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LTE BAND 7							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2502.5	20775	6.44	13	2505.0	20800	6.51	13
2535.0	21100	6.91	13	2535.0	21100	6.74	13
2567.5	21375	6.67	13	2565.0	21350	6.89	13

LTE BAND 7							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2507.5	20825	6.62	13	2510	20850	6.85	13
2535.0	21100	6.46	13	2535	21100	7.02	13
2562.5	21375	6.60	13	2560	21350	6.86	13

LTE BAND 12							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
699.7	23017	6.91	13	700.5	23025	7.02	13
707.5	23095	7.15	13	707.5	23095	6.45	13
715.3	23173	6.75	13	714.5	23165	7.02	13

LTE BAND 12							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
701.5	23035	7.02	13	704.0	23060	6.58	13
707.5	23095	6.59	13	707.5	23095	6.57	13
713.5	23155	6.80	13	711.0	23130	6.78	13

LTE BAND 17							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
706.5	23755	6.53	13	709.0	23780	6.48	13
710.0	23790	6.51	13	710.0	23790	6.39	13
713.5	23825	6.99	13	711.0	23800	6.36	13

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LTE BAND 25							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1850.7	26047	6.78	13	1851.5	26055	7.02	13
1882.5	26365	6.72	13	1882.5	26365	6.68	13
1914.3	26683	6.57	13	1913.5	26675	6.72	13

LTE BAND 25							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1852.5	26065	7.03	13	1855.0	26090	6.80	13
1882.5	26365	6.77	13	1882.5	26365	6.54	13
1912.5	26665	6.63	13	1910.0	26640	6.53	13

LTE BAND 25							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1857.5	26115	6.75	13	1860.0	26140	6.97	13
1882.5	26365	6.56	13	1882.5	26365	6.85	13
1907.5	26615	6.60	13	1905.0	26590	7.02	13

LTE BAND 26 for part 90S							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
814.7	26697	6.72	13	815.5	26705	6.64	13
819.0	26740	6.24	13	819	26740	6.48	13
823.3	26783	6.33	13	822.5	26775	6.64	13

LTE BAND 26 for part 90S							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
816.5	26715	6.70	13	819.0	26740	6.43	13
819.0	26740	6.71	13				
821.5	26765	6.79	13				

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LTE BAND 26							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
814.7	26697	6.43	13	815.5	26705	6.76	13
831.5	26865	6.47	13	831.5	26865	6.92	13
848.3	27033	6.68	13	847.5	27025	6.91	13

LTE BAND 26							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
816.5	26715	6.47	13	820.0	26750	6.73	13
831.5	26865	6.64	13	831.5	26865	6.49	13
846.5	27015	6.50	13	844.0	26990	6.59	13

LTE BAND 26							
Channel bandwidth: 15MHz							
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
822.5	26775	6.27	13				
831.5	26865	6.39	13				
841.5	26965	6.56	13				

LTE BAND 30							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2307.5	27685	6.73	13	2310.0	27710	6.93	13
2310.0	27710	6.81	13				
2312.5	27735	6.73	13				

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LTE BAND 38							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2572.5	37775	9.25	13	2575	37800	6.90	13
2595.0	38000	8.39	13	2595	38000	6.77	13
2617.5	38225	8.21	13	2615	38200	8.26	13

LTE BAND 38							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2577.5	37825	6.28	13	2580.0	37850	6.78	13
2595.0	38000	7.20	13	2595.0	38000	6.85	13
2612.5	38175	6.66	13	2610.0	38150	7.61	13

LTE BAND 41							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2498.5	39675	9.25	13	2501.0	39700	10.37	13
2593.0	40620	11.16	13	2593.0	40620	6.62	13
2687.5	41565	10.37	13	2685.0	41540	6.72	13

LTE BAND 41							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
2503.5	39725	6.75	13	2506.0	39750	7.05	13
2593.0	40620	7.94	13	2593.0	40620	7.26	13
2682.5	41515	6.90	13	2680.0	41490	8.52	13

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LTE BAND 66							
Channel bandwidth: 1.4MHz				Channel bandwidth: 3MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1710.7	131979	6.53	13	1711.5	131987	6.48	13
1745.0	132322	6.51	13	1745.0	132322	6.66	13
1779.3	132665	6.52	13	1778.5	132657	6.61	13

LTE BAND 66							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1712.5	131997	6.52	13	1715.0	132022	6.61	13
1745.0	132322	6.89	13	1745.0	132322	6.67	13
1777.5	132647	6.71	13	1775.0	132622	6.54	13

LTE BAND 66							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
1717.5	132047	6.57	13	1720.0	132072	6.74	13
1745.0	132322	6.64	13	1745.0	132322	6.84	13
1772.5	132597	6.51	13	1770.0	132572	6.73	13

LTE BAND 71							
Channel bandwidth: 5MHz				Channel bandwidth: 10MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
665.5	133147	6.71	13	668.0	133172	6.39	13
680.5	133297	6.59	13	680.5	133297	6.36	13
695.5	133447	7.03	13	693.0	133422	6.65	13

LTE BAND 71							
Channel bandwidth: 15MHz				Channel bandwidth: 20MHz			
Freq. (MHz)	CH	PAPR (dB)		Freq. (MHz)	CH	PAPR (dB)	
		256QAM	Limit			256QAM	Limit
670.5	133197	6.11	13	673.0	133222	6.90	13
680.5	133297	6.39	13	680.5	133297	6.76	13
690.5	133397	6.63	13	688.0	133372	6.80	13

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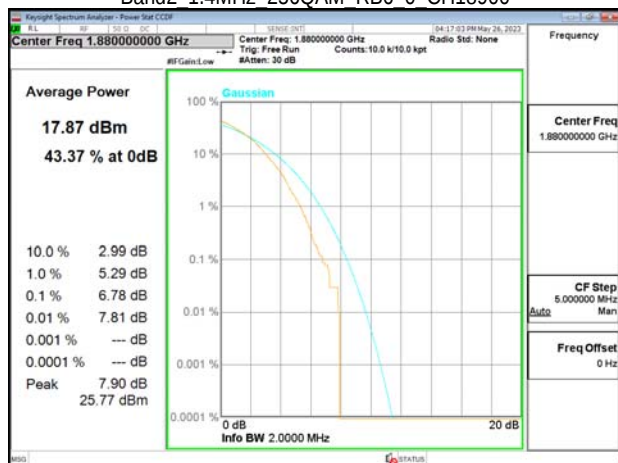
Band2 1.4MHz 256QAM RB6 0 CH18607



Band2 3MHz 256QAM RB15 0 CH18615



Band2 1.4MHz 256QAM RB6 0 CH18900



Band2 3MHz 256QAM RB15 0 CH18900



Band2 1.4MHz 256QAM RB6 0 CH19193



Band2 3MHz 256QAM RB15 0 CH19185



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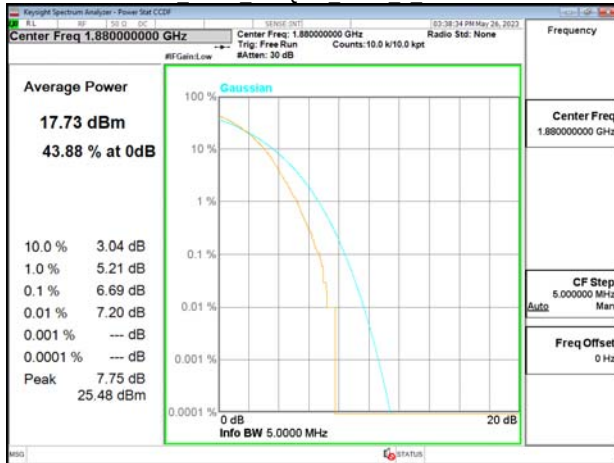
Band2 5MHz 256QAM RB25 0 CH18625



Band2 10MHz 256QAM RB50 0 CH18650



Band2 5MHz 256QAM RB25 0 CH18900



Band2 10MHz 256QAM RB50 0 CH18900



Band2 5MHz 256QAM RB25 0 CH19175



Band2 10MHz 256QAM RB50 0 CH19150



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Band2 15MHz 256QAM RB75 0 CH18675



Band2 20MHz 256QAM RB100 0 CH18700



Band2 15MHz 256QAM RB75 0 CH18900



Band2 20MHz 256QAM RB100 0 CH18900



Band2 15MHz 256QAM RB75 0 CH19125



Band2 20MHz 256QAM RB100 0 CH19100



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Band4 3MHz 256QAM RB15 0 CH19965



Band4 1.4MHz 256QAM RB6 0 CH20175



Band4 3MHz 256QAM RB15 0 CH20175



Band4 1.4MHz 256QAM RB6 0 CH20393



Band4 3MHz 256QAM RB15 0 CH20385



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Band4 10MHz 256QAM RB50 0 CH20000



Band4 5MHz 256QAM RB25 0 CH20175



Band4 10MHz 256QAM RB50 0 CH20175



Band4 5MHz 256QAM RB25 0 CH20375



Band4 10MHz 256QAM RB50 0 CH20350



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Band4 15MHz 256QAM RB75 0 CH20025



Band4 20MHz 256QAM RB100 0 CH20050



Band4 15MHz 256QAM RB75 0 CH20175



Band4 20MHz 256QAM RB100 0 CH20175



Band4 15MHz 256QAM RB75 0 CH20325



Band4 20MHz 256QAM RB100 0 CH20300



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Band5 1.4MHz 256QAM RB6 0 CH20407



Band5 3MHz 256QAM RB15 0 CH20415



Band5 1.4MHz 256QAM RB6 0 CH20525



Band5 3MHz 256QAM RB15 0 CH20525



Band5 1.4MHz 256QAM RB6 0 CH20643



Band5 3MHz 256QAM RB15 0 CH20635



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Band5 10MHz 256QAM RB50 0 CH20450



Band5 5MHz 256QAM RB25 0 CH20525



Band5 10MHz 256QAM RB50 0 CH20525



Band5 5MHz 256QAM RB25 0 CH20625



Band5 10MHz 256QAM RB50 0 CH20600



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