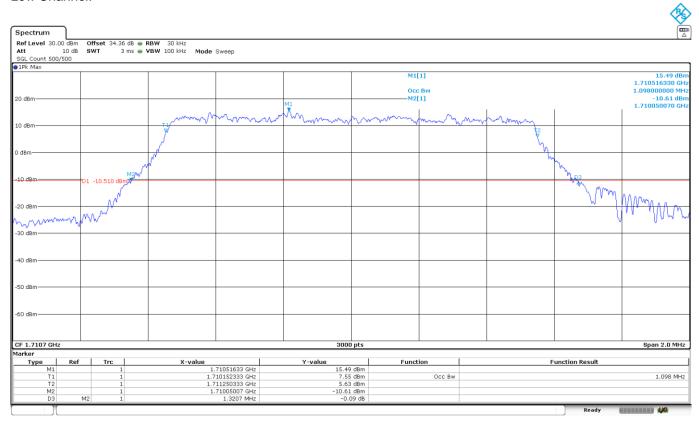
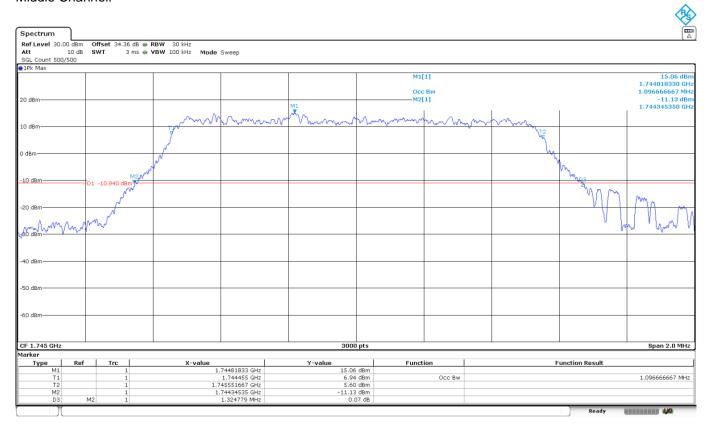


LTE Cat-M1 Band 66. BW=1.4 MHz. QPSK. RB Size 6.

Low Channel:



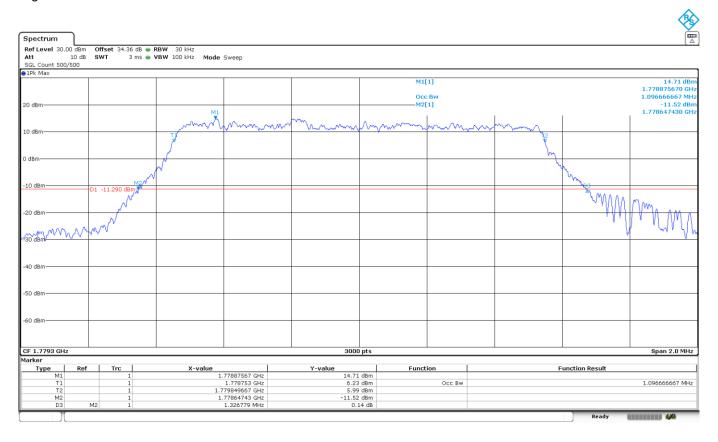
Middle Channel:



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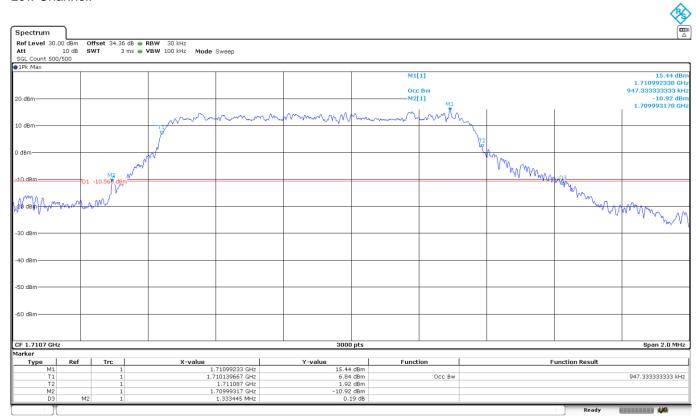


High Channel:



LTE Cat-M1 Band 66. BW=1.4 MHz. 16QAM. RB Size 5.

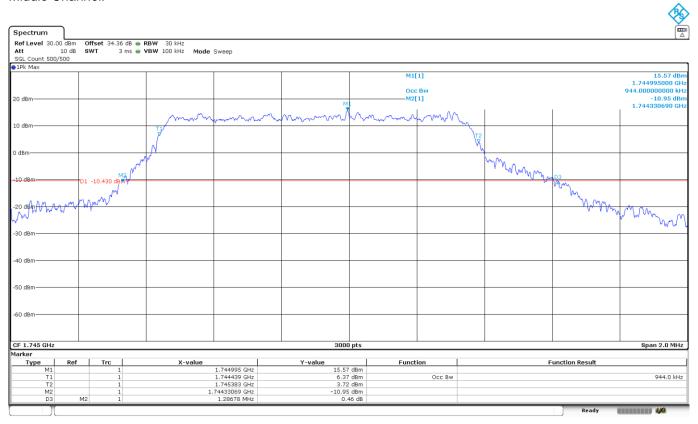
Low Channel:



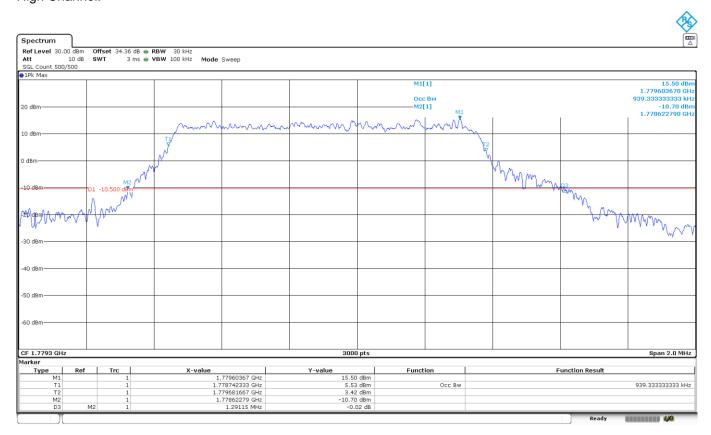
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Middle Channel:



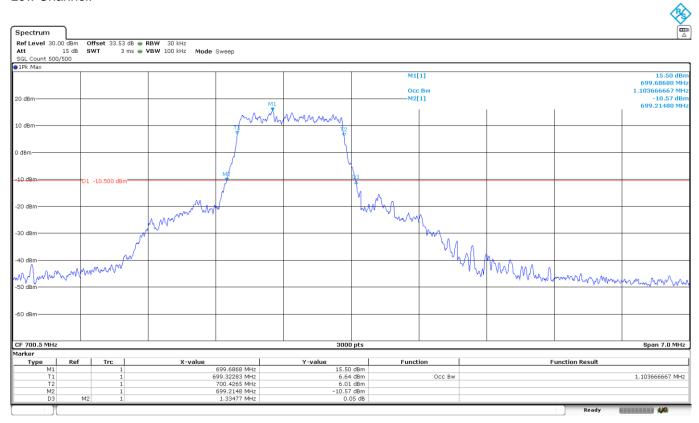
High Channel:



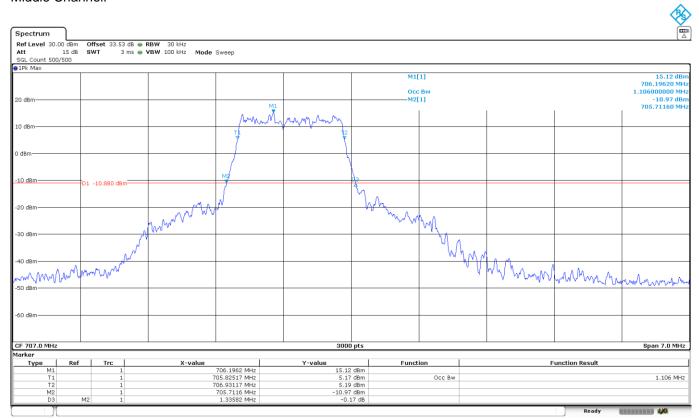


LTE Cat-M1 Band 85. BW=5 MHz. QPSK. RB Size 6.

Low Channel:



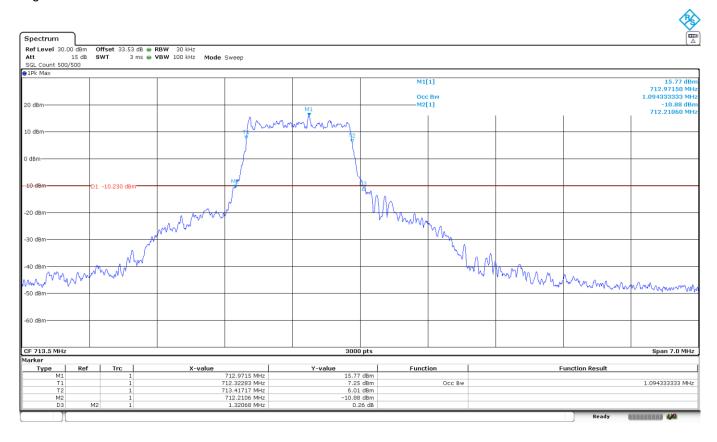
Middle Channel:



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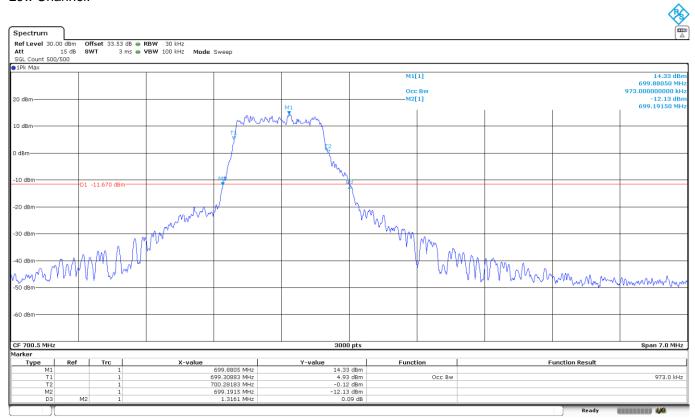


High Channel:



LTE Cat-M1 Band 85. BW=5 MHz. 16QAM. RB Size 5.

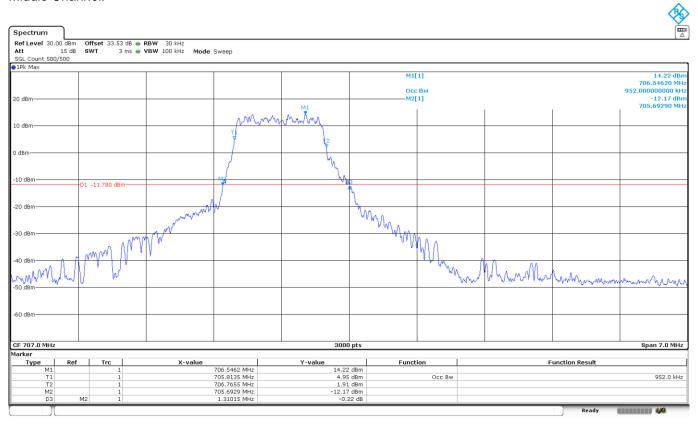
Low Channel:



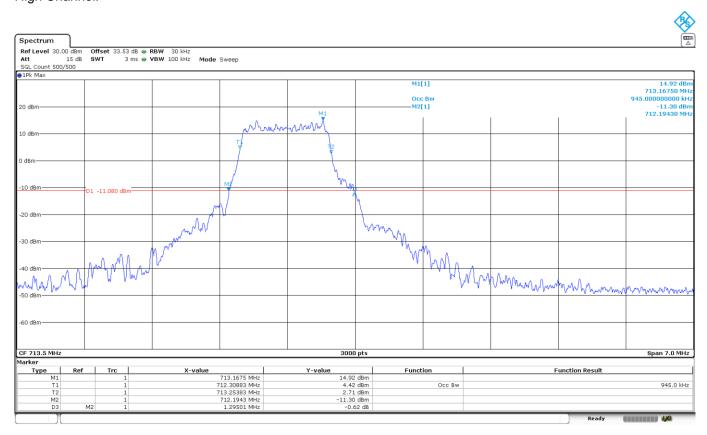
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Middle Channel:



High Channel:





Spurious Emissions at Antenna Terminals

Limits

1. LTE Cat-M1 Band 8. FCC §27.1509 (a).

FCC §27.1509 (a):

The power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least the following amounts:

(a) For 900 MHz broadband operations in 897.5–900.5 MHz band by at least 43 + 10 log (P) dB.

2. LTE Cat-M1 Band 13.

FCC §27.53 (c):

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. Compliance is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

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. Compliance is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

RSS-130 4.7.1 and 4.7.2:

4.7.1 General unwanted emissions limits:

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

4.7.2 Additional unwanted emissions limits:

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- a. the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
 - i. 76 + 10 log10 p (watts), dB, for base and fixed equipment and
 - ii. 65 + 10 log10 p (watts), dB, for mobile and portable equipment

b. the e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

3. LTE Cat-M1 Band 66.

FCC §27.53 (h). RSS-139 5.6:

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table 6.

Table 6: Unwanted emission limits				
Offset from the edge of the frequency block or Inwanted emission limits frequency block group				
1 MHz	-13 dBm/(1% of OB*)			
>1 MHz	-13 dBm/MHz			

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*OB is the occupied bandwidth.

In addition to complying with the above limits, equipment operating in the band 2180-2200 MHz may require additional filtering (see SRSP-519).

4. LTE Cat-M1 Band 85.

FCC §27.53 (g):

For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

RSS-130. Clause 4.7.1:

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s). shall be attenuated below the transmitter power. P (dBW). by at least $43 + 10 \log_{10} p$ (watts). dB.

At Po transmitting power, the specified minimum attenuation becomes 43+10 log (Po), and the level in dBm relative to Po becomes:

Po
$$(dBm) - [43 + 10 log (Po in mW) - 30] = -13 dBm$$

At Po transmitting power, the specified minimum attenuation becomes 65+10 log (Po), and the level in dBm relative to Po becomes:

Po
$$(dBm) - [65 + 10 log (Po in mW) - 30] = -35 dBm$$

Method

The EUT RF output connector was connected to a spectrum analyser and to the Universal Radio Communication tester R&S CMW500 (selecting maximum transmission power of the EUT and different modes of modulation) using a 50-Ohm attenuator and a power divider.

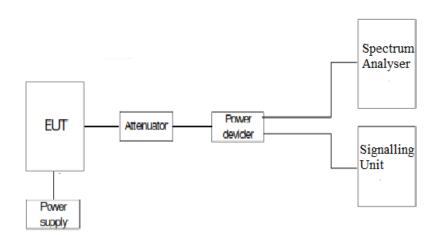
The reading of the spectrum analyser is corrected with the attenuation loss of connection between output terminal of EUT and input of the spectrum analyser.

The configuration of Resource Blocks and modulation which is the worst case for conducted power was used.

DEKRA Testing and Certification, S.A.U.
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Test Setup



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Results

LTE Cat-M1 Band 8: BW=1.4 MHz. QPSK. RB Size 1. RB Offset 2. Narrowband 0.

- Low Channel: No spurious frequencies at less than 20 dB below the limit.

High Channel: No spurious frequencies at less than 20 dB below the limit

LTE Cat-M1 Band 13: BW=5 MHz. QPSK. RB Size 1. RB Offset 0. Narrowband 0.

- Low Channel: Spurious frequencies at less than 20 dB below the limit:

Spurious Frequency (MHz)	Emission Limitations Conducted (dBm)	Limit (dBm)
774.777143	-50.04	-35

High Channel: No spurious frequencies at less than 20 dB below the limit

LTE Cat-M1 Band 66: BW=15 MHz. QPSK. RB Size 6. RB Offset 0. Narrowband 0.

Low Channel: No spurious frequencies at less than 20 dB below the limit.

Middle Channel: No spurious frequencies at less than 20 dB below the limit.

- High Channel: No spurious frequencies at less than 20 dB below the limit.

LTE Cat-M1 Band 85: BW=5 MHz. QPSK. RB Size 1. RB Offset 2. Narrowband 1.

Low Channel: No spurious frequencies at less than 20 dB below the limit.

Middle Channel: No spurious frequencies at less than 20 dB below the limit.

- High Channel: No spurious frequencies at less than 20 dB below the limit

Measurement uncertainty (dB): <±2.76

Verdict



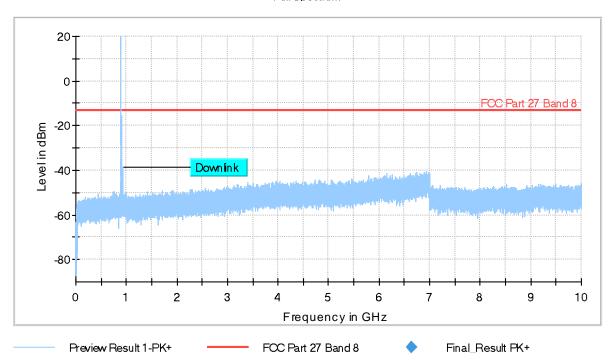


Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
9 kHz - 150 kHz	14.1 Hz	PK+	300 Hz	Coupled	0 dB
150 kHz - 30 MHz	932.812 Hz	PK+	10 kHz	Coupled	0 dB
30 MHz - 1 GHz	30.312 kHz	PK+	100 kHz	Coupled	0 dB
1 GHz - 2 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
2 GHz - 3 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
3 GHz - 4 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
4 GHz - 5 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
5 GHz - 6 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
6 GHz - 7 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
7 GHz - 8 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
8 GHz - 9 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB
9 GHz - 10 GHz	31.25 kHz	PK+	100 kHz	Coupled	0 dB

BW=1.4 MHz. QPSK. RB Size 1. RB Offset 2. Narrowband 0. LTE Cat-M1 Band 8.

Low Channel:

Full Spectrum

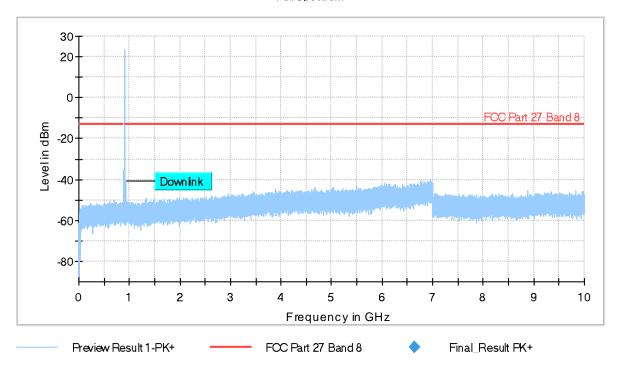


The peak above the limit is the carrier frequency. The highest peak next to the carrier is the Downlink frequency.



High Channel:

Full Spectrum



The peak above the limit is the carrier frequency. The highest peak next to the carrier is the Downlink frequency.



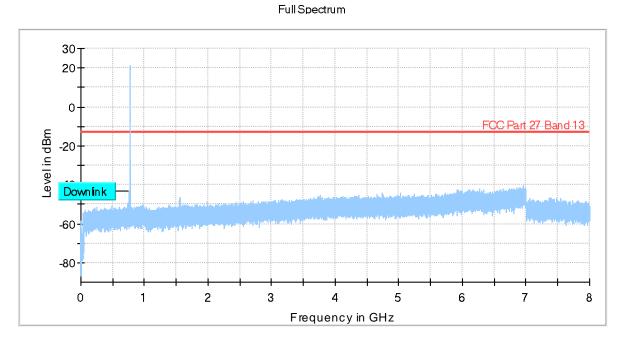
LTE Cat-M1 Band 13. BW=5 MHz. QPSK. RB Size 1. RB Offset 0. Narrowband 0.

Low Channel:

• Frequency range 9 kHz – 8 GHz:

Preview Result 1-PK+

FOC Part 27 Band 13



The peak above the limit is the carrier frequency.

The highest peak next to the carrier is the Downlink frequency.

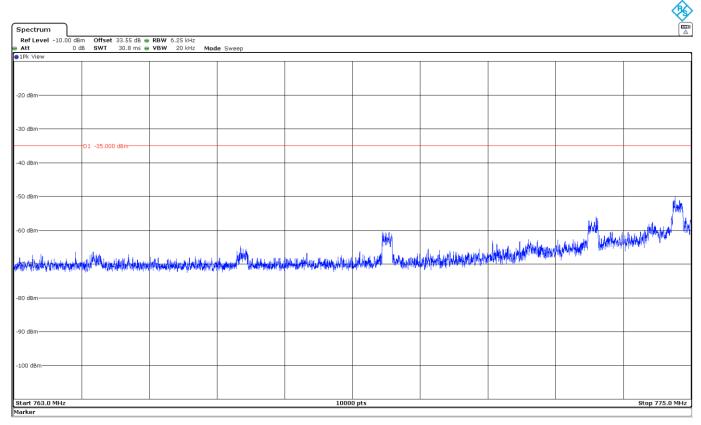
Final_Result PK+

PK+

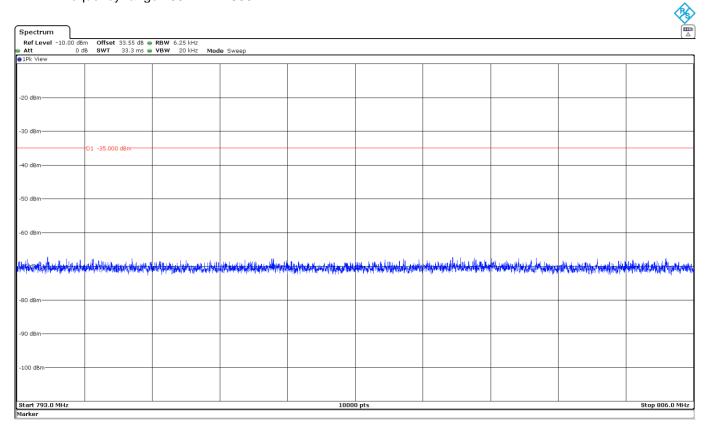
Report No: 77535RRF.003A1



• Frequency range 763 MHz – 775 MHz:



Frequency range 793 MHz – 806 MHz:

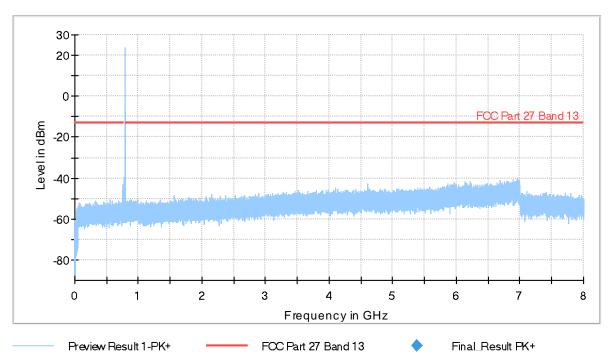




High Channel:

• Frequency range 9 kHz – 8 GHz:

Full Spectrum



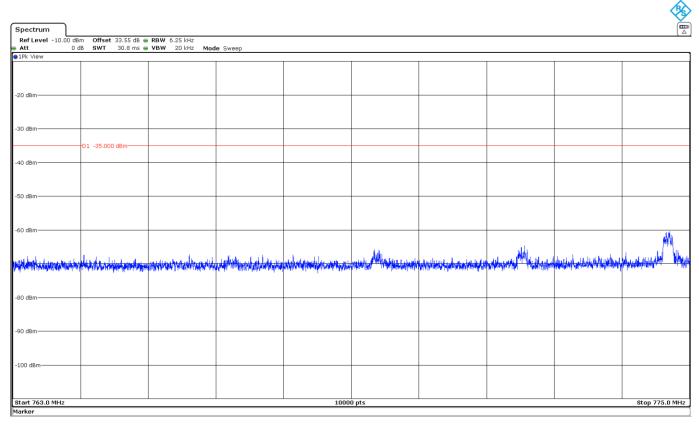
The peak above the limit is the carrier frequency.

The highest peak next to the carrier is the Downlink frequency.

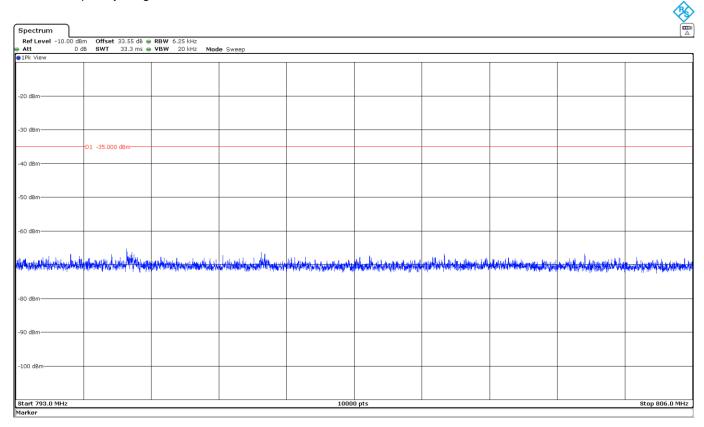
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• Frequency range 763 MHz – 775 MHz:



• Frequency range 793 MHz – 806 MHz:

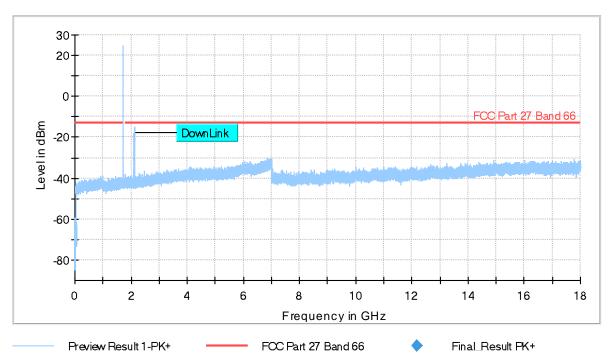




LTE Cat-M1 Band 66. BW=15 MHz. QPSK. RB Size 6. RB Offset 0. Narrowband 0.

Low Channel:



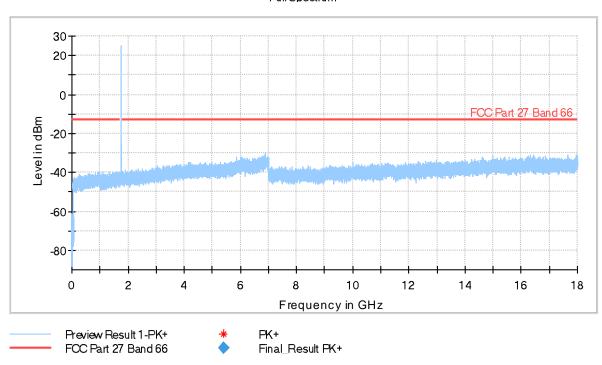


The peak above the limit is the carrier frequency.

The highest peak next to the carrier is the Downlink frequency.

Middle Channel:

Full Spectrum



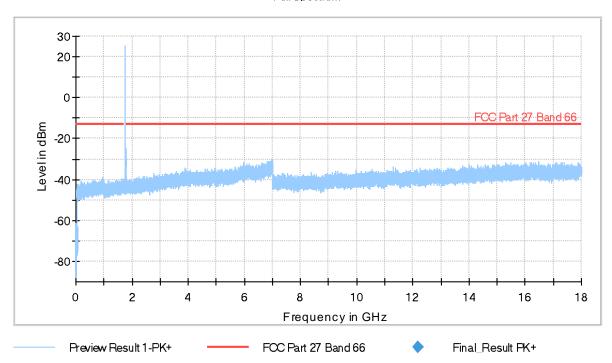
The peak above the limit is the carrier frequency.

The highest peak next to the carrier is the Downlink frequency.



High Channel:

Full Spectrum



The peak above the limit is the carrier frequency.

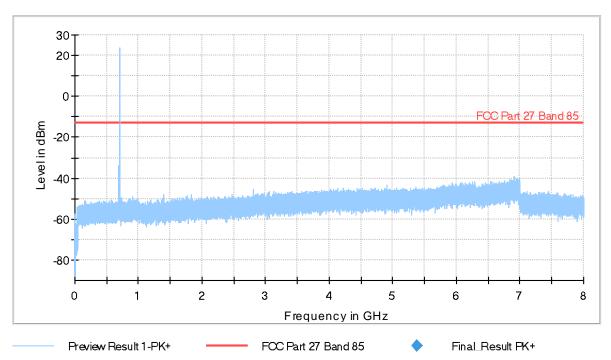
The highest peak next to the carrier is the Downlink frequency.



LTE Cat-M1 Band 85. BW=5 MHz. QPSK. RB Size 1. RB Offset 2. Narrowband 1.

Low Channel:



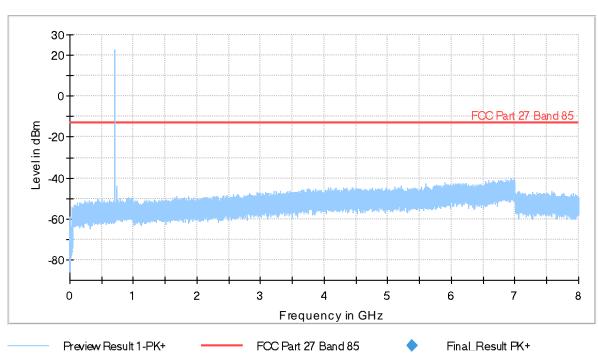


The peak above the limit is the carrier frequency.

The highest peak next to the carrier is the Downlink frequency.

Middle Channel:

Full Spectrum

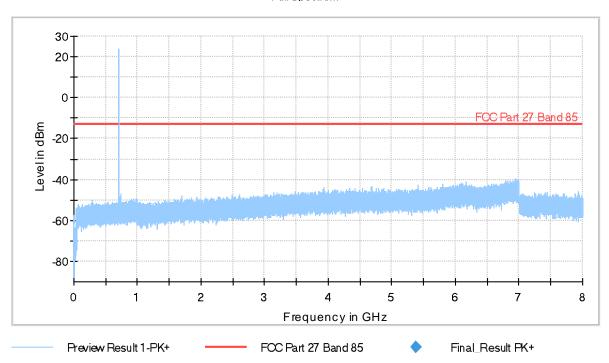


The peak above the limit is the carrier frequency. The highest peak next to the carrier is the Downlink frequency.

DEKRA

High Channel:

Full Spectrum



The peak above the limit is the carrier frequency.

The highest peak next to the carrier is the Downlink frequency.

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Spurious Emissions at Antenna Terminals at Block Edges

Limits

1. LTE Cat-M1 Band 8. FCC §27.1509 (a).

FCC §27.1509 (a):

The power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) in watts by at least the following amounts:

(a) For 900 MHz broadband operations in 897.5–900.5 MHz band by at least 43 + 10 log (P) dB.

2. LTE Cat-M1 Band 13.

FCC §27.53 (c):

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. Compliance is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater.

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. Compliance is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.

RSS-130 4.7.1 and 4.7.2:

4.7.1 General unwanted emissions limits:

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least 43 + 10 log10 p (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

4.7.2 Additional unwanted emissions limits:

In addition to the limit outlined in section 4.7.1 above, equipment operating in the frequency bands 746-756 MHz and 777-787 MHz shall also comply with the following restrictions:

- a. the power of any unwanted emissions in any 6.25 kHz bandwidth for all frequencies between 763-775 MHz and 793-806 MHz shall be attenuated below the transmitter power, P (dBW), by at least:
 - i. 76 + 10 log10 p (watts), dB, for base and fixed equipment and
 - ii. 65 + 10 log10 p (watts), dB, for mobile and portable equipment

b. the e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

3. LTE Cat-M1 Band 66.

FCC §27.53 (h). RSS-139. Clause 6.6:

According to specification. 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 log10 (P) dB.Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater.



4. LTE Cat-M1 Band 85.

FCC §27.53 (g):

For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater.

RSS-130. Clause 4.7.1:

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s). shall be attenuated below the transmitter power. P (dBW). by at least $43 + 10 \log_{10} p$ (watts). dB.

At Po transmitting power, the specified minimum attenuation becomes 43+10 log (Po), and the level in dBm relative to Po becomes:

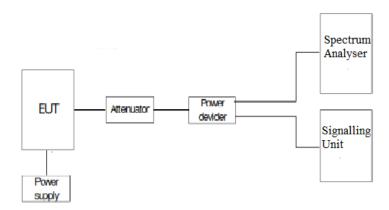
Po
$$(dBm) - [43 + 10 log (Po in mW) - 30] = -13 dBm$$

Method

The EUT RF output connector was connected to a spectrum analyser and to the Universal Radio Communication tester R&S CMW500 (selecting maximum transmission power of the EUT and different modes of modulation) using a 50-Ohm attenuator and a power splitter.

The reading of the spectrum analyser is corrected with the attenuation loss of connection between output terminal of EUT and input of the spectrum analyser.

Test Setup



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Results

LTE Cat-M1 Band 4:

Preliminary measurements determined QPSK. BW=1.4 MHz as the worst-case modulation in terms of band edge results. The next results are for this worst-case configuration.

Low Block Edge. Narrowband= 0.

Note: Low Block Edge for LTE Cat-M1 Band 4 is the same as for LTE Cat-M1 Band 66.

High Block Edge. Narrowband= Max.

	RB=1.	RB=1.	RB=1.	RB=1.	RB=1.	RB=1.
LTE Cat-M1 Band 4.	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.
QPSK:	BW = 1.4	BW = 3	BW = 5	BW = 10	BW = 15	BW = 20
	MHz	MHz	MHz	MHz	MHz	MHz
Maximum measured						
level at High Block	-19.15	-33.57	-29.99	-43.16	-45.4	-46.63
Edge at antenna port	-19.15	-33.37	-29.99	-43.10	-45.4	-40.03
(dBm)						

	RB=ALL.	RB=All.	RB = AII.	RB = AII.	RB = AII.	RB = AII.
LTE Cat-M1 Band 4.	Offset=0.	Offset=0.	Offset $= 0$.			
QPSK:	BW = 1.4	BW = 3	BW = 5	BW = 10	BW = 15	BW = 20
	MHz	MHz	MHz	MHz	MHz	MHz
Maximum measured level at <u>High Block</u> <u>Edge</u> at antenna port (dBm)	-28.22	-34.32	-29.28	-33.41	-31.06	-42

Measurement uncertainty: <±2.76 dB

Verdict

Parque Tecnológico de Andalucía c/ Severo Ochoa nº 2 ⋅ 29590 Campanillas ⋅ Málaga ⋅ España C.I.F. A29507456



LTE Cat-M1 Band 8:

Preliminary measurements determined QPSK. BW=1.4 MHz as the worst-case modulation in terms of band edge results. The next results are for this worst-case configuration.

Low Block Edge. Narrowband= 0.

LTE Cat-M1 Band 8. QPSK:	RB=1. Offset=0. BW = 1.4 MHz	RB=1. Offset=0. BW = 3 MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-23.22	-29.62

LTE Cat-M1 Band 8. QPSK:	RB = All. Offset = 0. BW = 1.4 MHz	RB = All. Offset = 0. BW = 3 MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-29.25	-29.91

High Block Edge. Narrowband= Max.

LTE Cat-M1 Band 8. QPSK:	RB=1. Offset=Max. BW = 1.4 MHz	RB=1. Offset=Max. BW = 3 MHz
Maximum measured level at <u>High</u> <u>Block Edge</u> at antenna port (dBm)	-23.54	-33.26

	RB = All.	RB = All.
LTE Cat-M1 Band 8. QPSK:	Offset $= 0$.	Offset = 0.
	BW = 1.4 MHz	BW = 3 MHz
Maximum measured level at <u>High</u> Block Edge at antenna port (dBm)	-26.99	-30.44

Measurement uncertainty: <±2.76 dB

Verdict

Parque Tecnológico de Andalucía c/ Severo Ochoa nº 2 ⋅ 29590 Campanillas ⋅ Málaga ⋅ España C.I.F. A29507456



LTE Cat-M1 Band 12:

Preliminary measurements determined QPSK. BW=5 MHz as the worst-case modulation in terms of band edge results. The next results are for this worst-case configuration.

Low Block Edge. Narrowband= 0.

LTE Cat-M1 Band 12. QPSK:	RB=1.	RB=1.	RB=1.	RB=1.
	Offset = 0.	Offset = 0.	Offset = 0.	Offset = 0.
	BW = 1.4 MHz	BW = 3 MHz	BW = 5 MHz	BW = 10 MHz
Maximum measured level at Low Block Edge at antenna port (dBm)	-42	-41.64	-41.69	-42.26

LTE Cat-M1 Band 12. QPSK:	RB = All.	RB = All.	RB = All.	RB = All.
	Offset = 0.	Offset = 0.	Offset = 0.	Offset = 0.
	BW = 1.4 MHz	BW = 3 MHz	BW = 5 MHz	BW = 10 MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-46.16	-47.78	-43.52	-45.52

High Block Edge. Narrowband= Max.

LTE Cat-M1 Band 12. QPSK:	RB=1.	RB=1.	RB=1.	RB=1.
	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.
	BW = 1.4 MHz	BW = 3 MHz	BW = 5 MHz	BW = 10 MHz
Maximum measured level at <u>High</u> Block Edge at antenna port (dBm)	-19.26	-32.33	-26.56	-37.19

LTE Cat-M1 Band 12. QPSK:	RB = All. Offset = 0.	RB = AII. Offset = 0.	RB = All. Offset = 0.	RB = All. Offset = 0.
	BW = 1.4 MHz	BW = 3 MHz	BW = 5 MHz	BW = 10 MHz
Maximum measured level at <u>High</u> <u>Block Edge</u> at antenna port (dBm)	-24.04	-25.65	-21.08	-26.56

Measurement uncertainty: <±2.76 dB

Verdict



LTE Cat-M1 Band 13:

Preliminary measurements determined QPSK. BW=5 MHz as the worst-case modulation in terms of band edge results. The next results are for this worst-case configuration.

Low Block Edge. Narrowband= 0.

LTE Cat-M1 Band 13. QPSK:	RB=1. Offset = 0. BW = 5 MHz	RB=1. Offset = 0. BW = 10 MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-29.65	-36.66

LTE Cat-M1 Band 13. QPSK:	RB = All. Offset = 0. BW = 5 MHz	RB = All. Offset = 0. BW = 10 MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-20.66	-25.73

High Block Edge. Narrowband= Max.

LTE Cat-M1 Band 13. QPSK:	RB=1.	RB=1.	
	Offset=Max.	Offset=Max.	
	BW = 5 MHz	BW = 10 MHz	
Maximum measured level at <u>High</u> <u>Block Edge</u> at antenna port (dBm)	-28.93	-36.4	

LTE Cat-M1 Band 13. QPSK:	RB = All.	RB = All.	
	Offset $= 0$.	Offset = 0.	
	BW = 5 MHz	BW = 10 MHz	
Maximum measured level at <u>High</u> <u>Block Edge</u> at antenna port (dBm)	-20.65	-26.88	

Measurement uncertainty: <±2.76 dB

Verdict

Parque Tecnológico de Andalucía c/ Severo Ochoa nº 2 ⋅ 29590 Campanillas ⋅ Málaga ⋅ España C.I.F. A29507456



LTE Cat-M1 Band 66:

Preliminary measurements determined QPSK. BW=1.4 MHz as the worst-case modulation in terms of band edge results. The next results are for this worst-case configuration.

Low Block Edge. Narrowband= 0.

LTE Cat-M1 Band 66. QPSK:	RB=1.	RB=1.	RB=1.	RB=1.	RB=1.	RB=1.
	Offset = 0.					
	BW = 1.4	BW = 3	BW = 5	BW = 10	BW = 15	BW = 20
	MHz	MHz	MHz	MHz	MHz	MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-17.56	-31.09	-29.01	-42.45	-44.91	-45.14

	RB = 6.					
LTE Cat-M1 Band 66. QPSK:	Offset = 0 .	Offset $= 0$.	Offset = 0 .			
LIE Cal-WII Ballu 00. QFSR.	BW = 1.4	BW = 3	BW = 5	BW = 10	BW = 15	BW = 20
	MHz	MHz	MHz	MHz	MHz	MHz
Maximum measured level at Low Block Edge at antenna port (dBm)	-27.38	-32.28	-26.43	-30.67	-31.18	-41.4

High Block Edge. Narrowband= Max.

-							
		RB=1.	RB=1.	RB=1.	RB=1.	RB=1.	RB=1.
	LTE Cat-M1 Band 66.	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.	Offset=Max.
	QPSK:	BW = 1.4	BW = 3	BW = 5	BW = 10	BW = 15	BW = 20
		MHz	MHz	MHz	MHz	MHz	MHz
	Maximum measured level at High Block Edge at	-18.55	-32.19	-29.21	-41.97	-44.28	-44.43
	antenna port (dBm)	10.00	02.70	20.21		20	

	RB = 6.					
LTE Cat-M1 Band 66.	Offset =0.					
QPSK:	BW = 1.4	BW = 3	BW = 5	BW = 10	BW = 15	BW = 20
	MHz	MHz	MHz	MHz	MHz	MHz
Maximum measured level at High Block Edge at	-26.11	-33.48	-29.1	-33.18	-29.52	-40.33
antenna port (dBm)	20.11	55.40	29.1	55.10	25.52	70.00

Measurement uncertainty: <±2.76 dB

Verdict

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LTE Cat-M1 Band 85:

Preliminary measurements determined QPSK. BW=5 MHz as the worst-case modulation in terms of band edge results. The next results are for this worst-case configuration.

Low Block Edge. Narrowband=0.

LTE Cat-M1 Band 85. QPSK:	RB=1. Offset = 0. BW = 5 MHz	RB=1. Offset = 0. BW = 10 MHz
Maximum measured level at <u>Low</u> <u>Block Edge</u> at antenna port (dBm)	-27.74	-37.56

LTE Cat-M1 Band 85. QPSK:	RB = 6. Offset = 0. BW = 5 MHz	RB = 6. Offset = 0. BW = 10 MHz
Maximum measured level at Low Block Edge at antenna port (dBm)	-20.64	-27.08

High Block Edge. Narrowband=Max.

Note: High Block Edge for LTE Cat-M1 Band 85 is the same as for LTE Cat-M1 Band 12 for BW 5 MHz and 10 MHz.

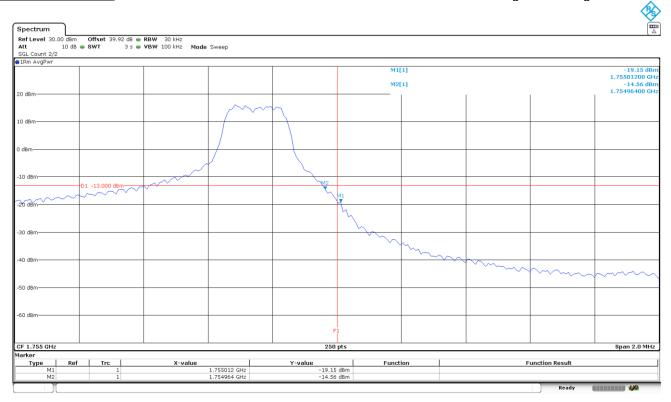
Measurement uncertainty: <±2.76 dB

Verdict



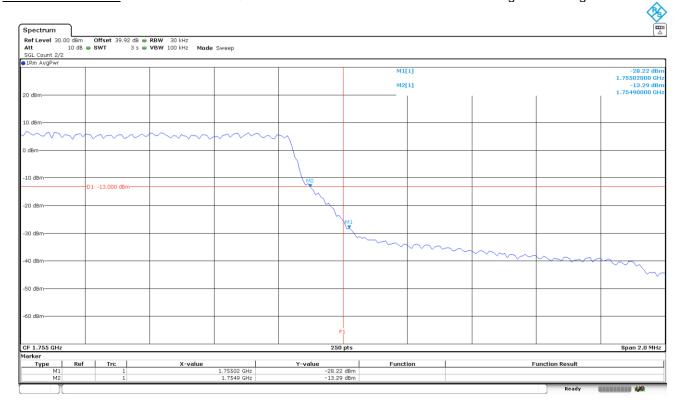
LTE Cat-M1 Band 4:

LTE Cat-M1 Band 4. BW=1.4 MHz. QPSK. RB=1. Offset=Max. Narrowband=Max. High Block Edge:



The equipment transmits at the maximum output power

LTE Cat-M1 Band 4. BW=1.4 MHz. QPSK. RB=All. Offset=0. Narrowband=Max. High Block Edge:

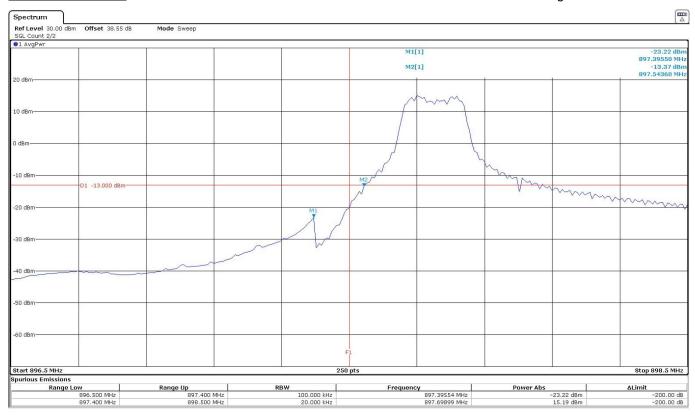


The equipment transmits at the maximum output power



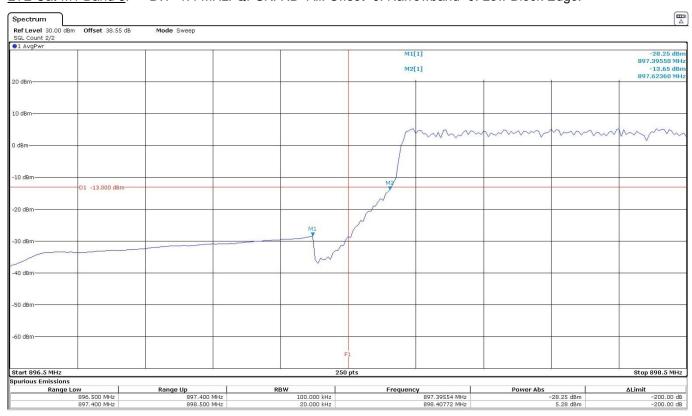
LTE Cat-M1 Band 8:

LTE Cat-M1 Band 8. BW=1.4 MHz. QPSK. RB=1. Offset=0. Narrowband=0. Low Block Edge:



The equipment transmits at the maximum output power

LTE Cat-M1 Band 8. BW=1.4 MHz. QPSK. RB=All. Offset=0. Narrowband=0. Low Block Edge:



The equipment transmits at the maximum output power