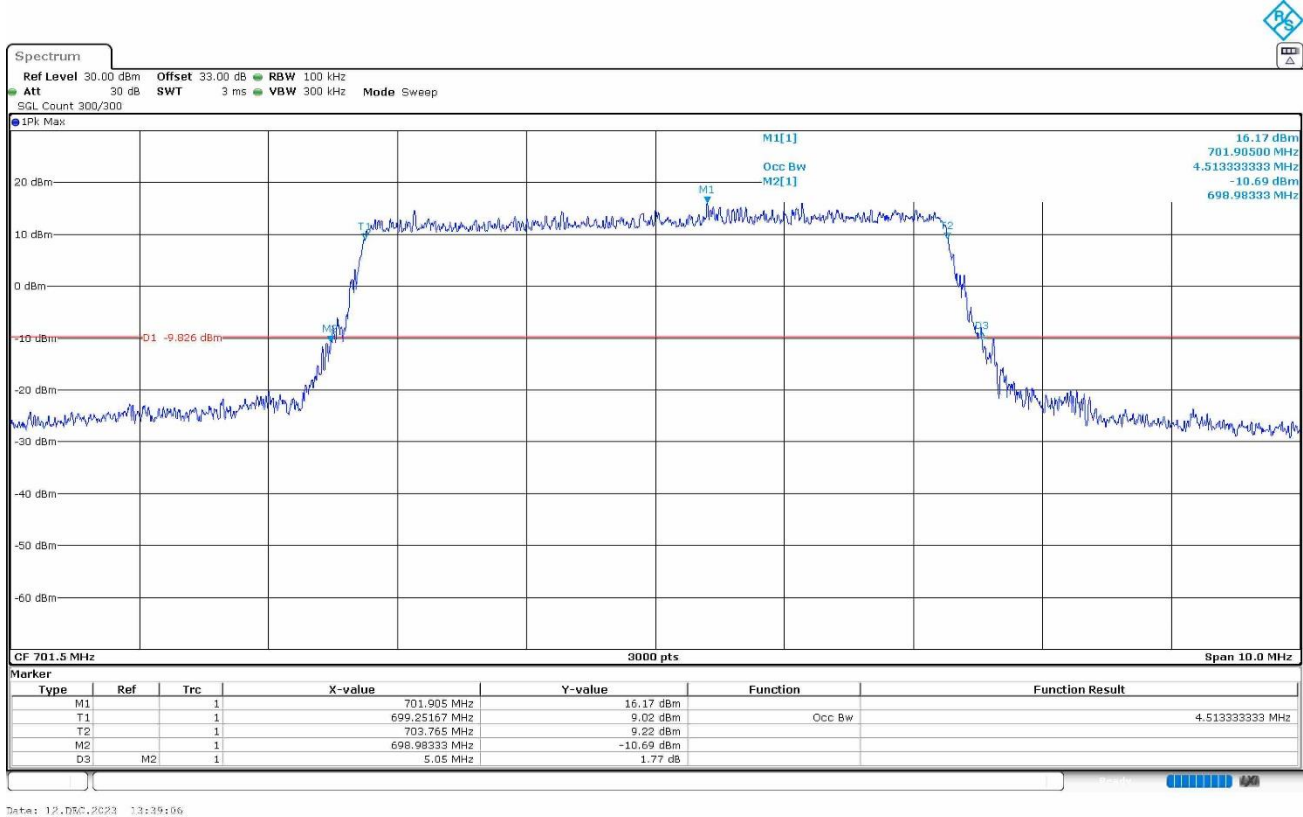
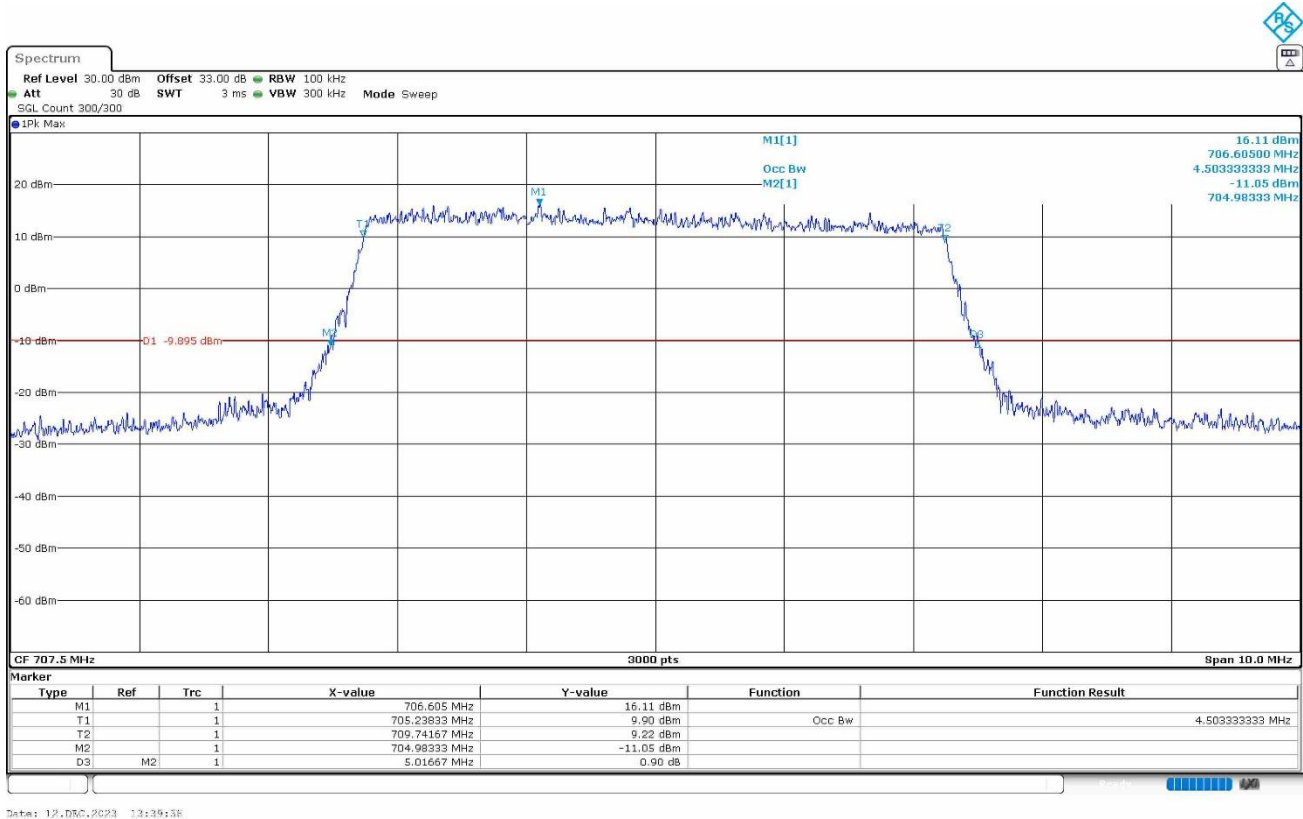


LTE Cat 1bis Band 12. BW=5 MHz. 16QAM. RB Size All.

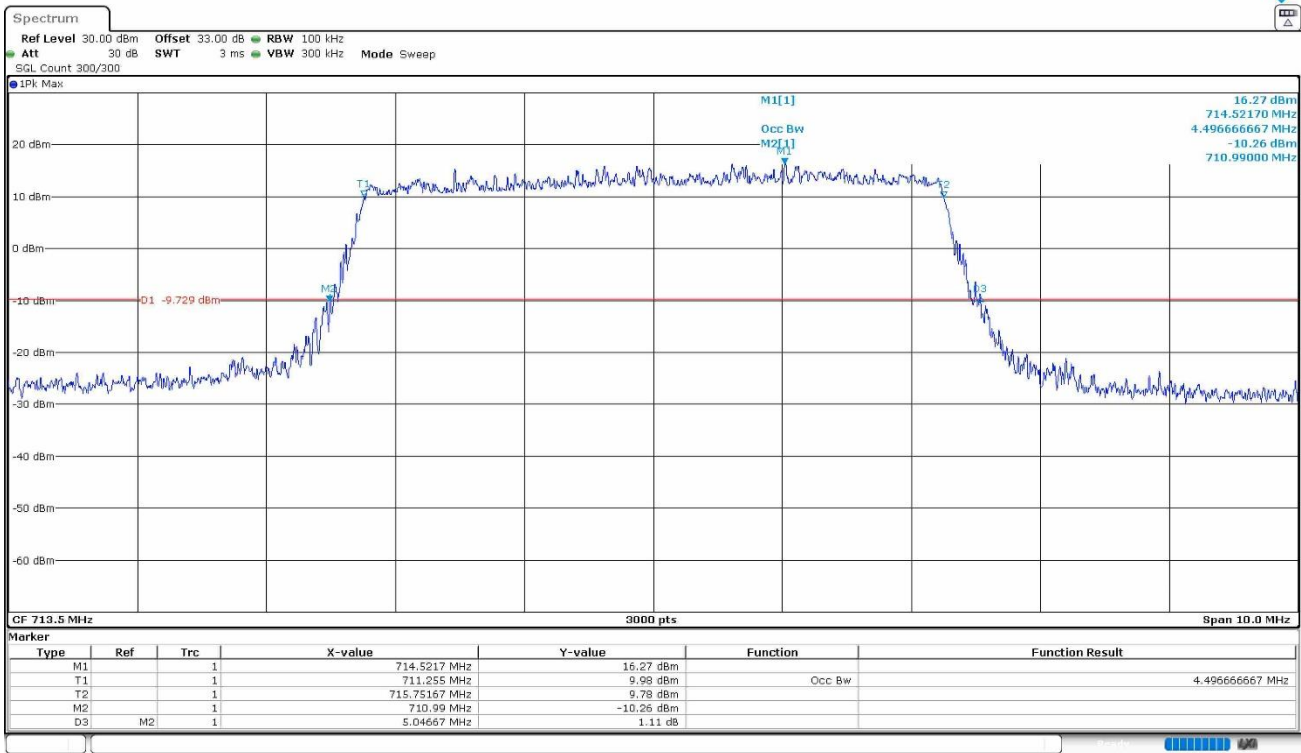
Low Channel:



Middle Channel:



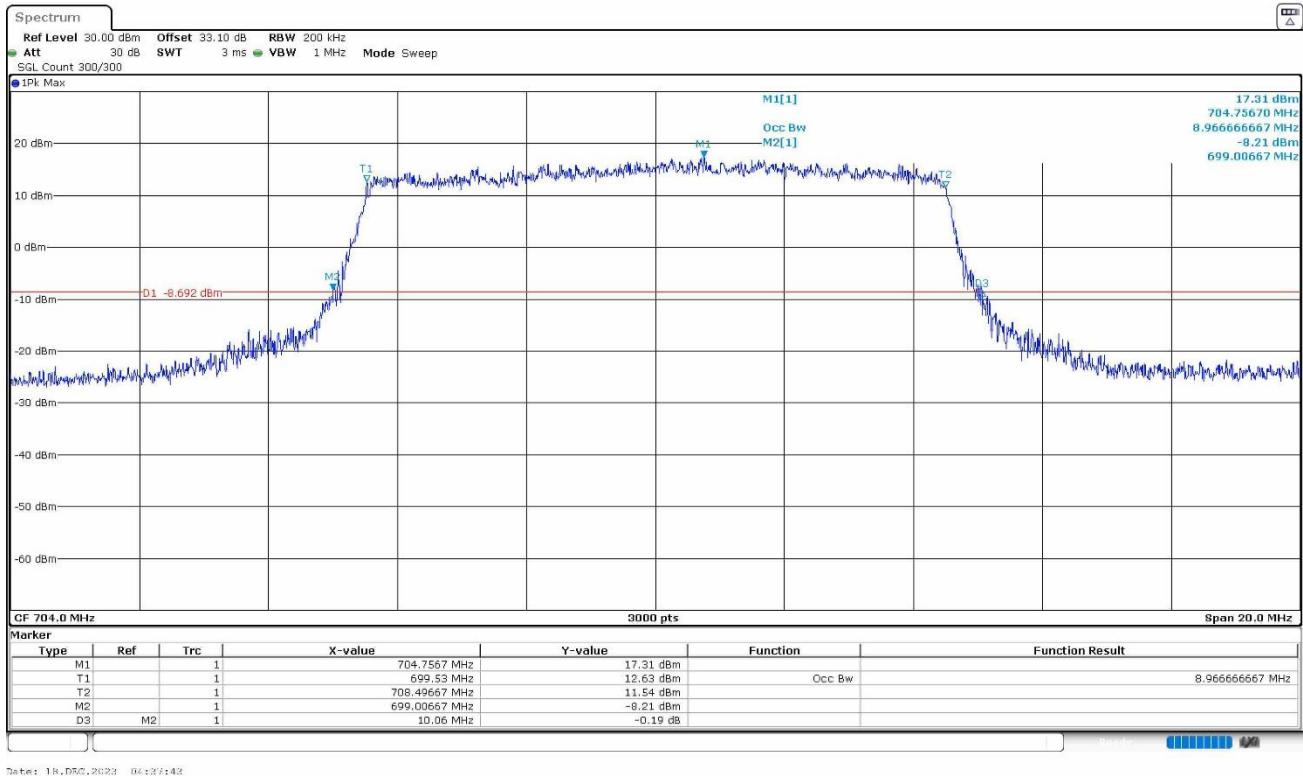
High Channel:



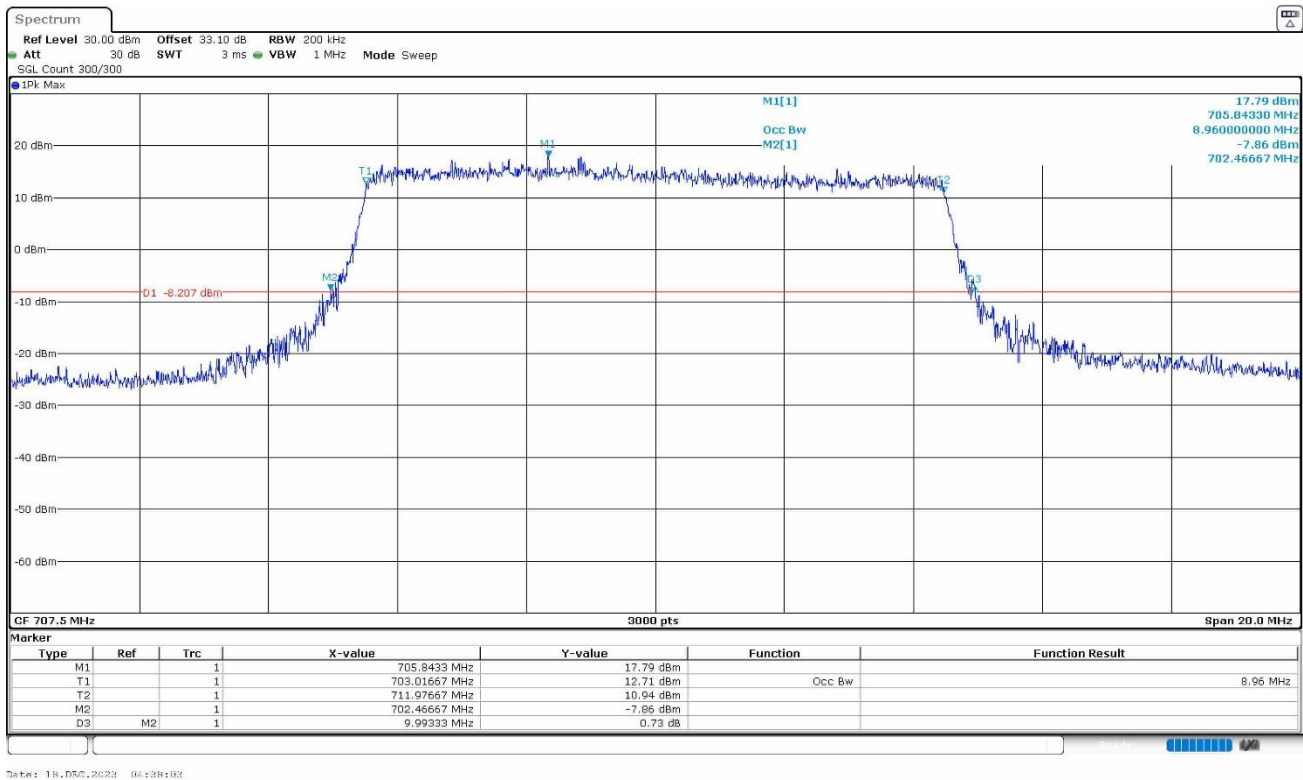
Date: 12.05.2023 13:40:05

LTE Cat 1bis Band 12. BW=10 MHz. QPSK. RB Size All.

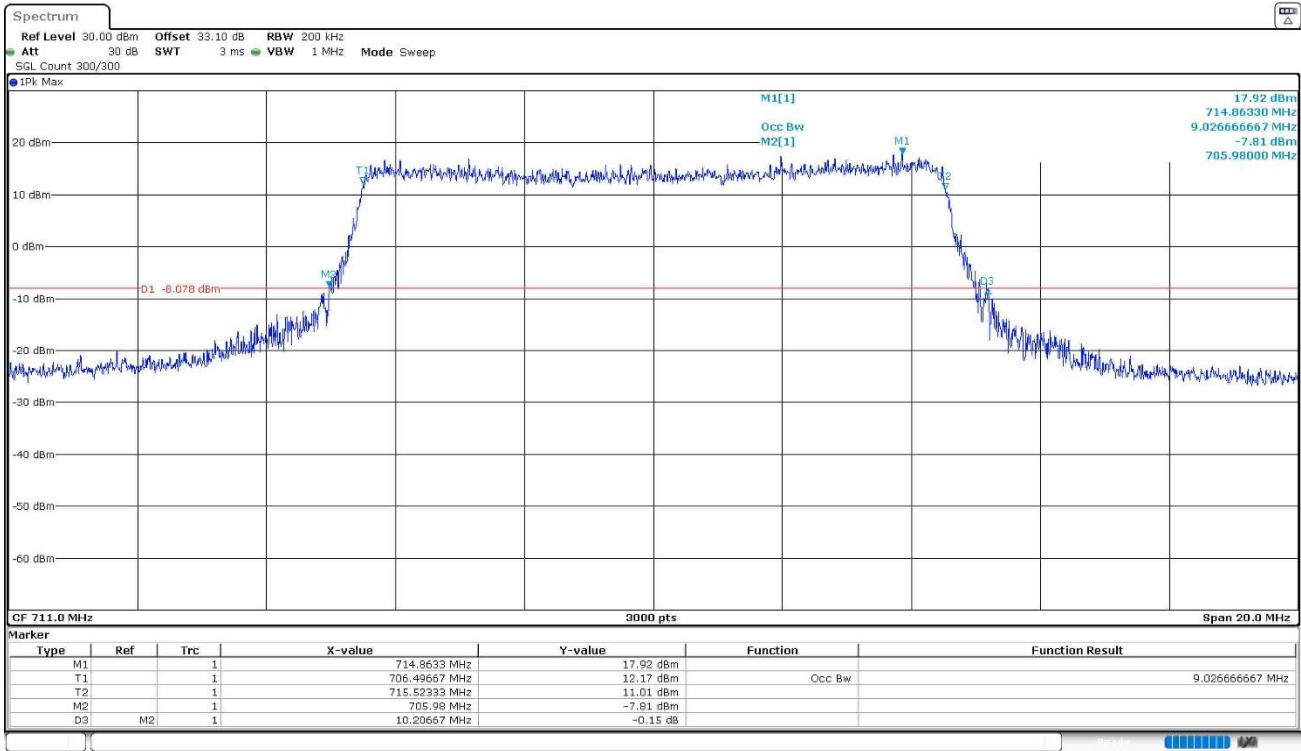
Low Channel:



Middle Channel:



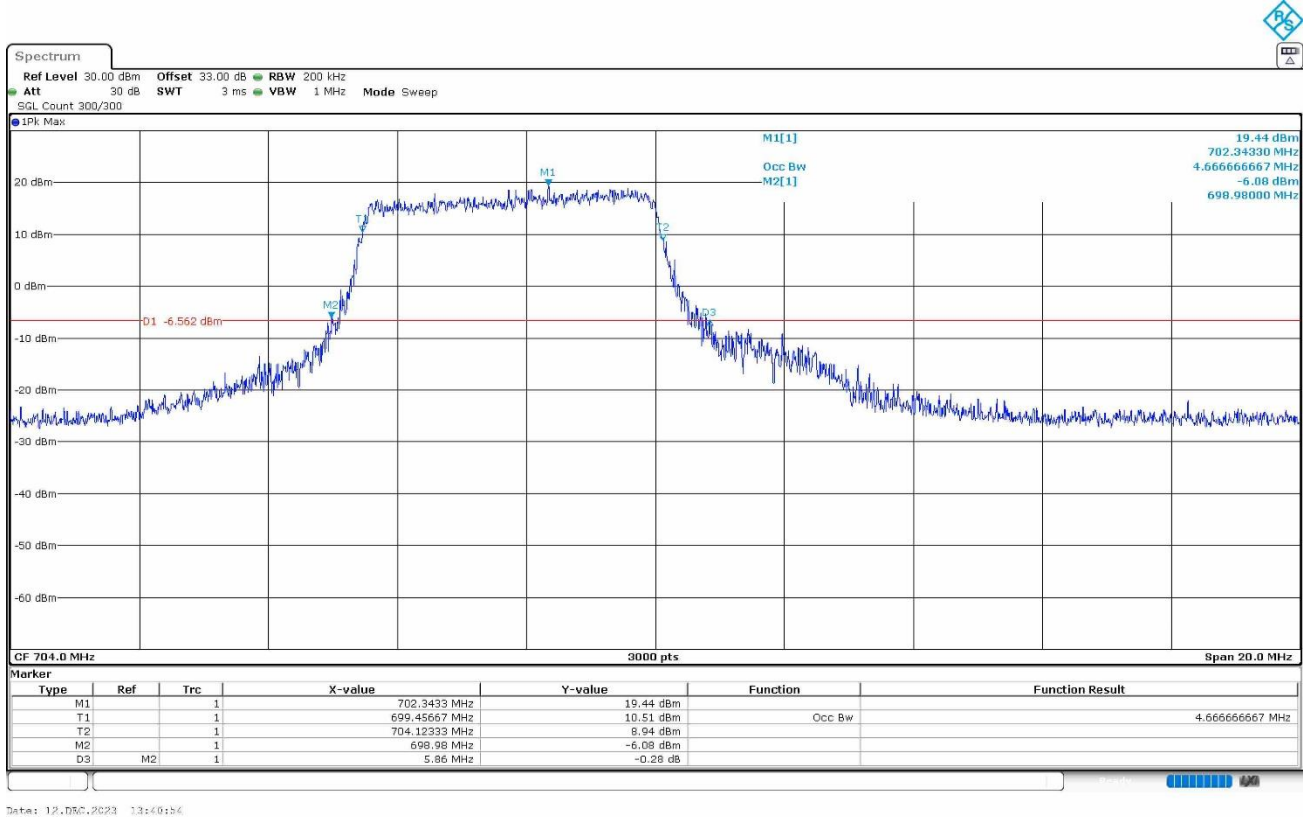
High Channel:



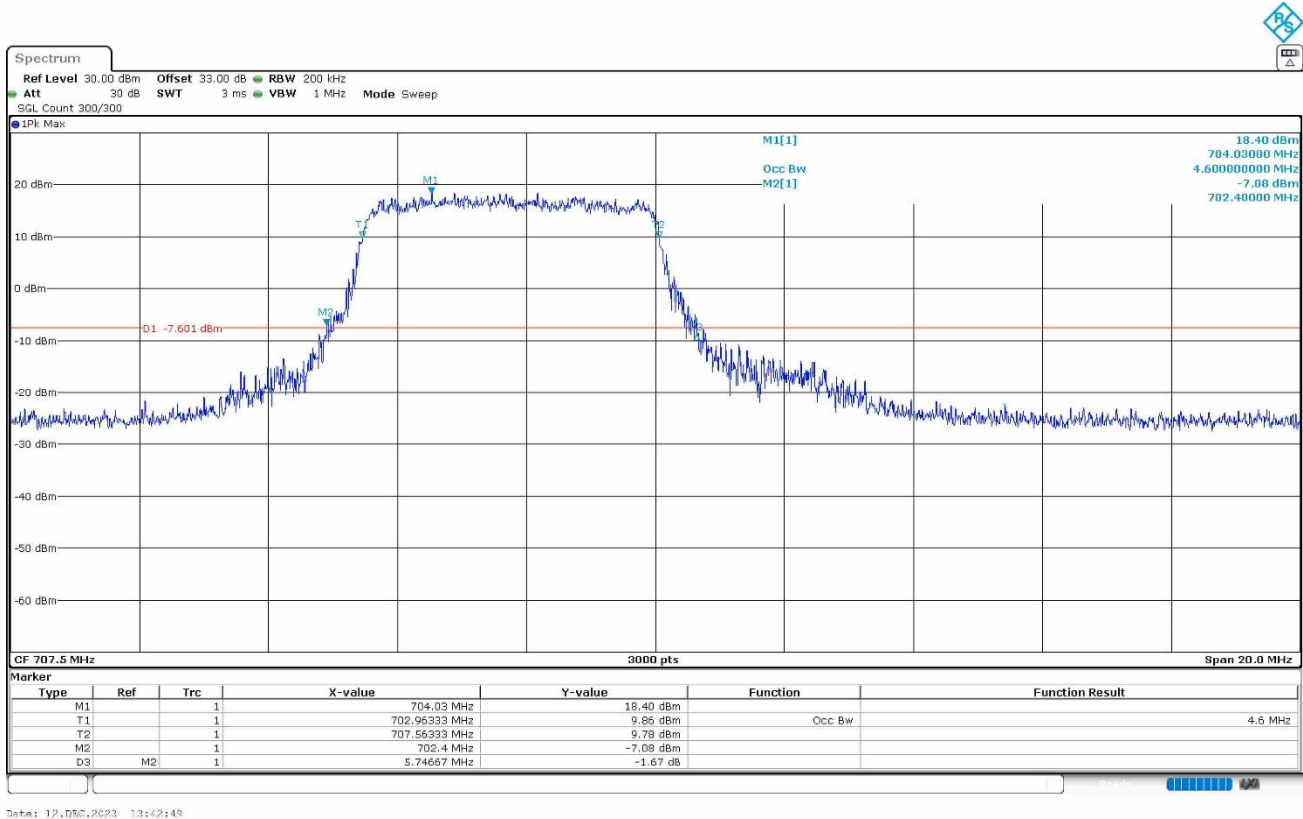
Date: 18.05.2023 06:38:22

LTE Cat 1bis Band 12. BW=10 MHz. 16QAM. RB Size All.

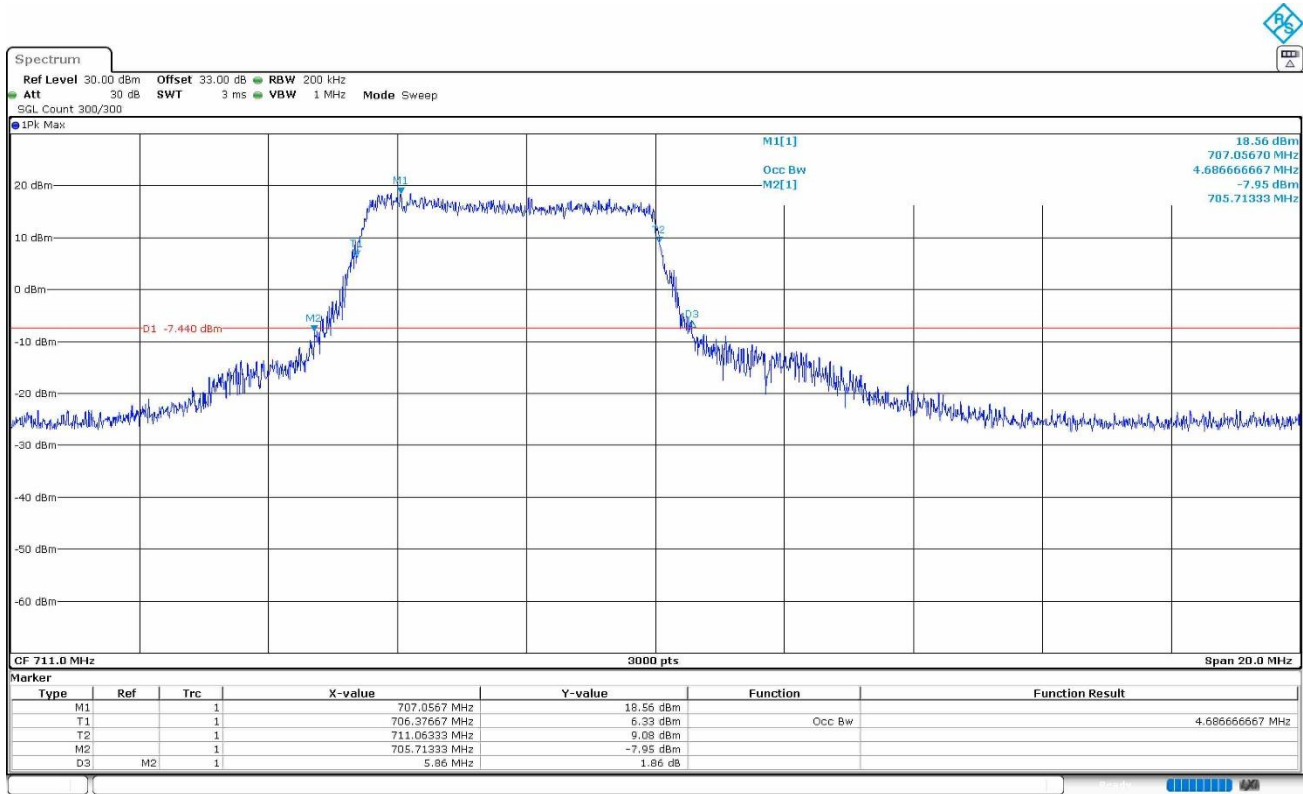
Low Channel:



Middle Channel:



High Channel:



LTE Cat 1bis Band 13:

LTE Cat 1bis Band 13. BW=5 MHz. QPSK. RB Size All.

Channel	Low	High
99% Occupied Bandwidth (MHz)	4.520	4.486
-26 dBc Bandwidth (MHz)	5.026	5.036
Measurement uncertainty (kHz)	<±3.75	

LTE Cat 1bis Band 13. BW=5 MHz. 16QAM. RB Size All.

Channel	Low	High
99% Occupied Bandwidth (MHz)	4.516	4.500
-26 dBc Bandwidth (MHz)	5.026	5.030
Measurement uncertainty (kHz)	<±3.75	

LTE Cat 1bis Band 13. BW=10 MHz. QPSK. RB Size 6.

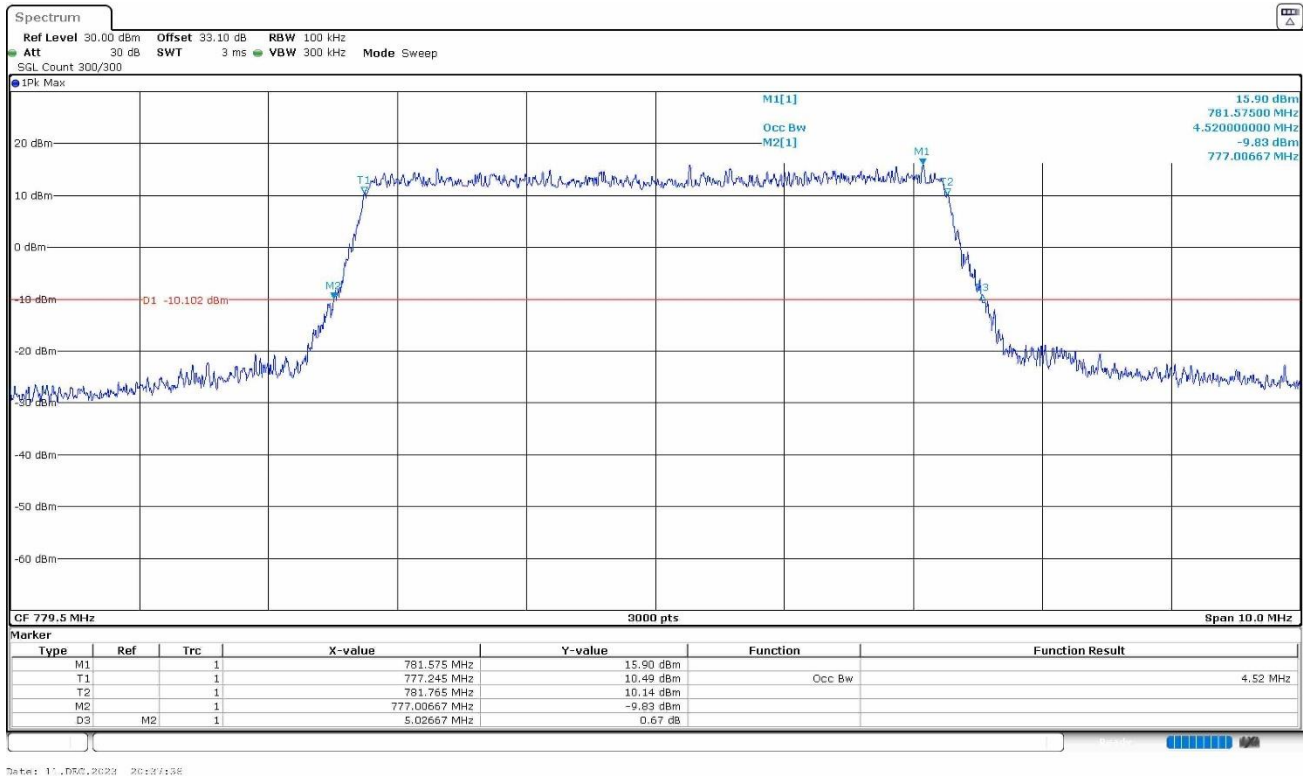
Channel	Middle
99% Occupied Bandwidth (MHz)	8.986
-26 dBc Bandwidth (MHz)	10.046
Measurement uncertainty (kHz)	<±3.75

LTE Cat 1bis Band 13. BW=10 MHz. 16QAM. RB Size All.

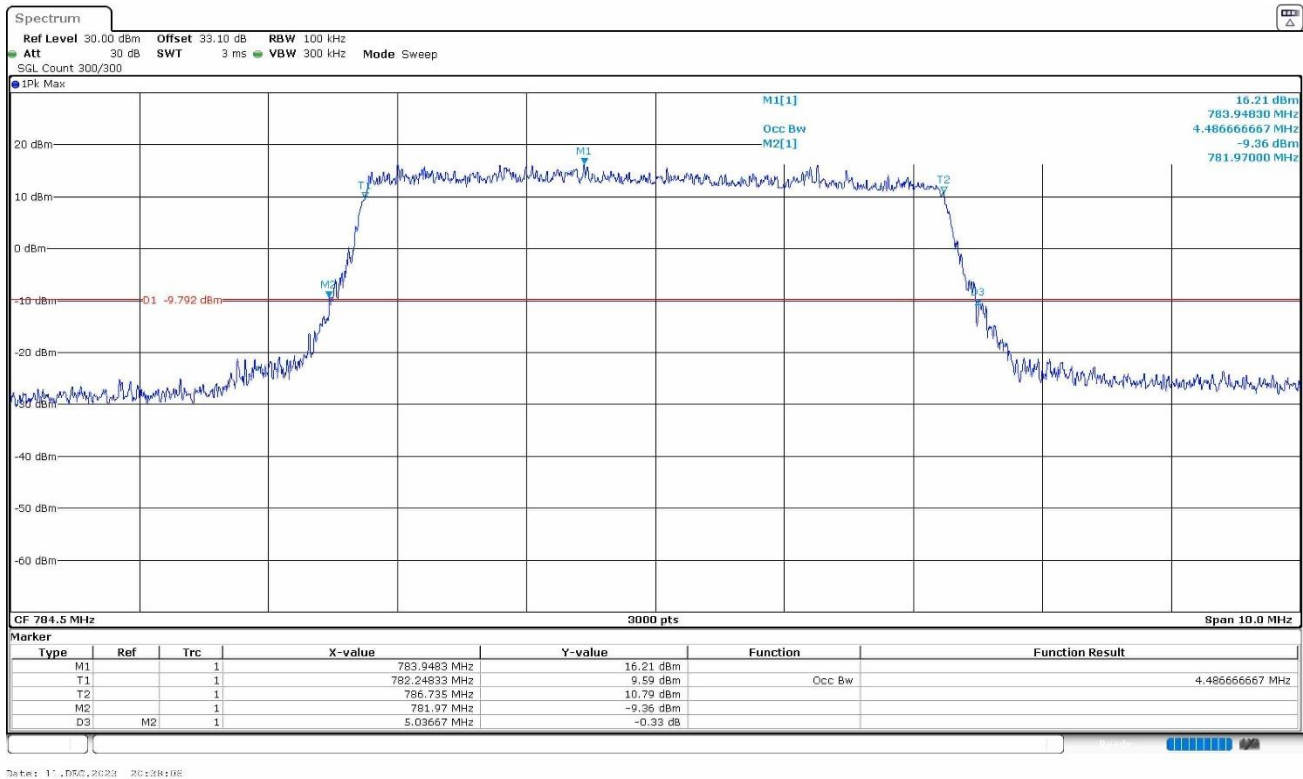
Channel	Middle
99% Occupied Bandwidth (MHz)	4.633
-26 dBc Bandwidth (MHz)	5.662
Measurement uncertainty (kHz)	<±3.75

LTE Cat 1bis Band 13. BW=5 MHz. QPSK. RB Size All.

Low Channel:

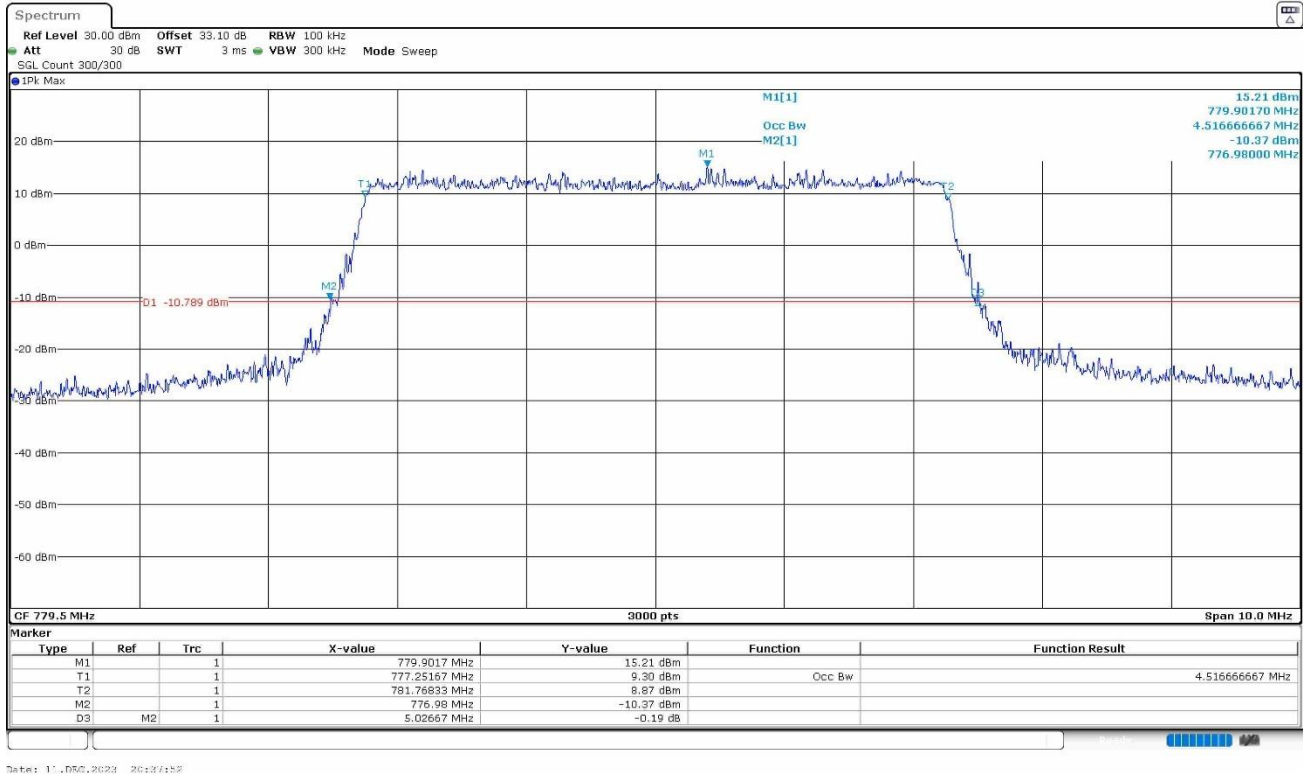


High Channel:

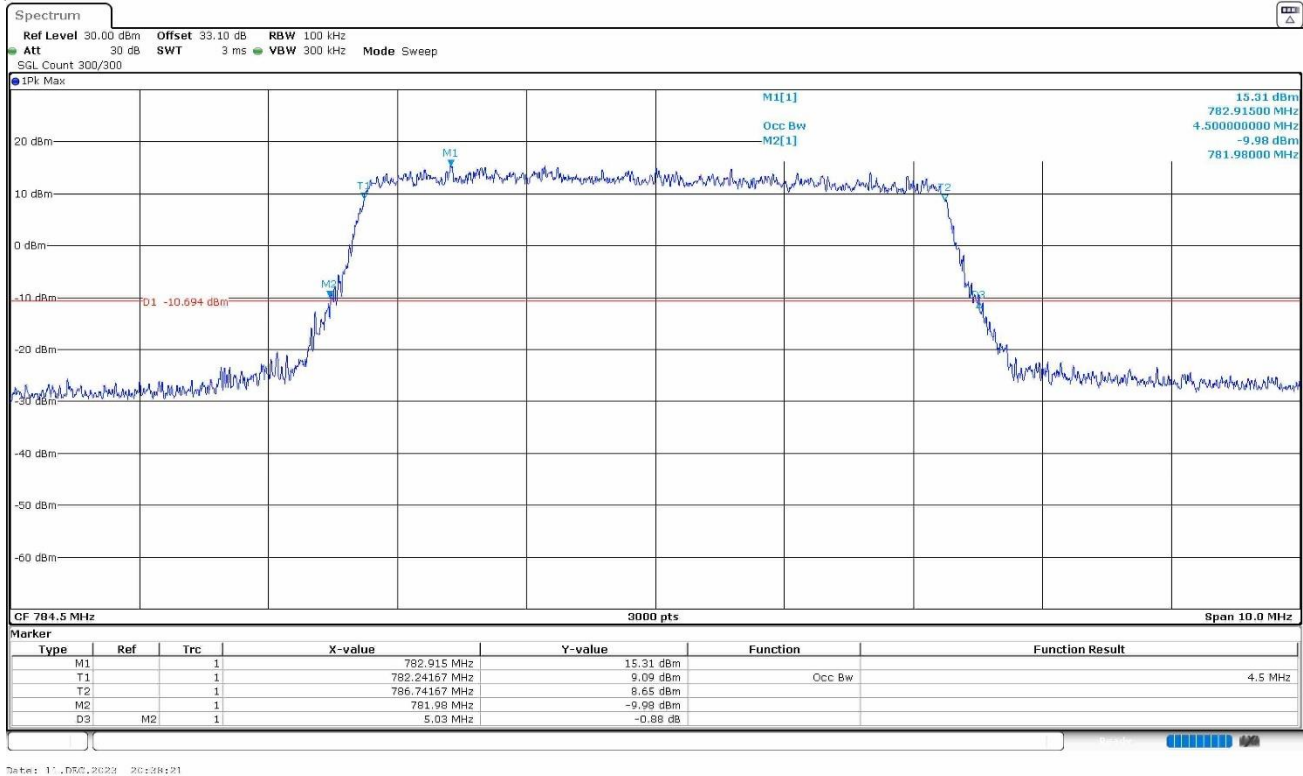


LTE Cat 1bis Band 13. BW=5 MHz. 16QAM. RB Size All.

Low Channel:

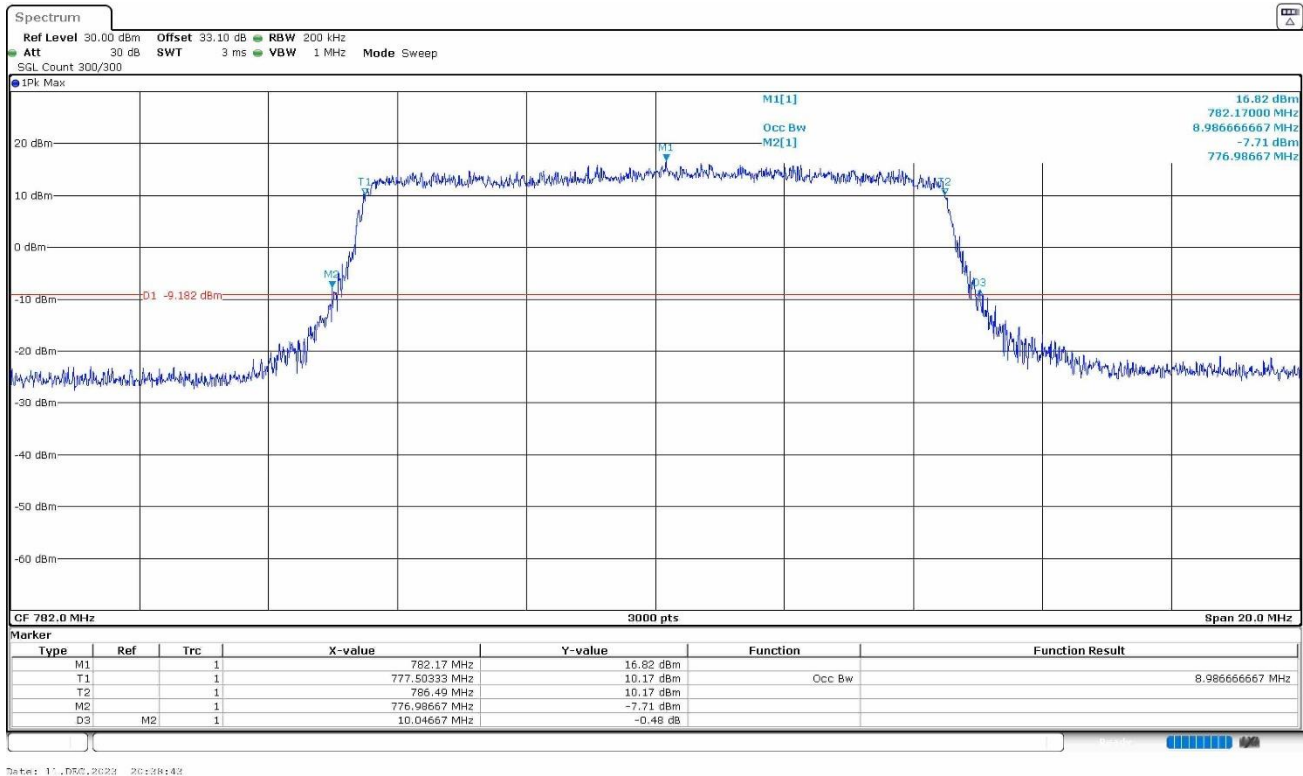


High Channel:



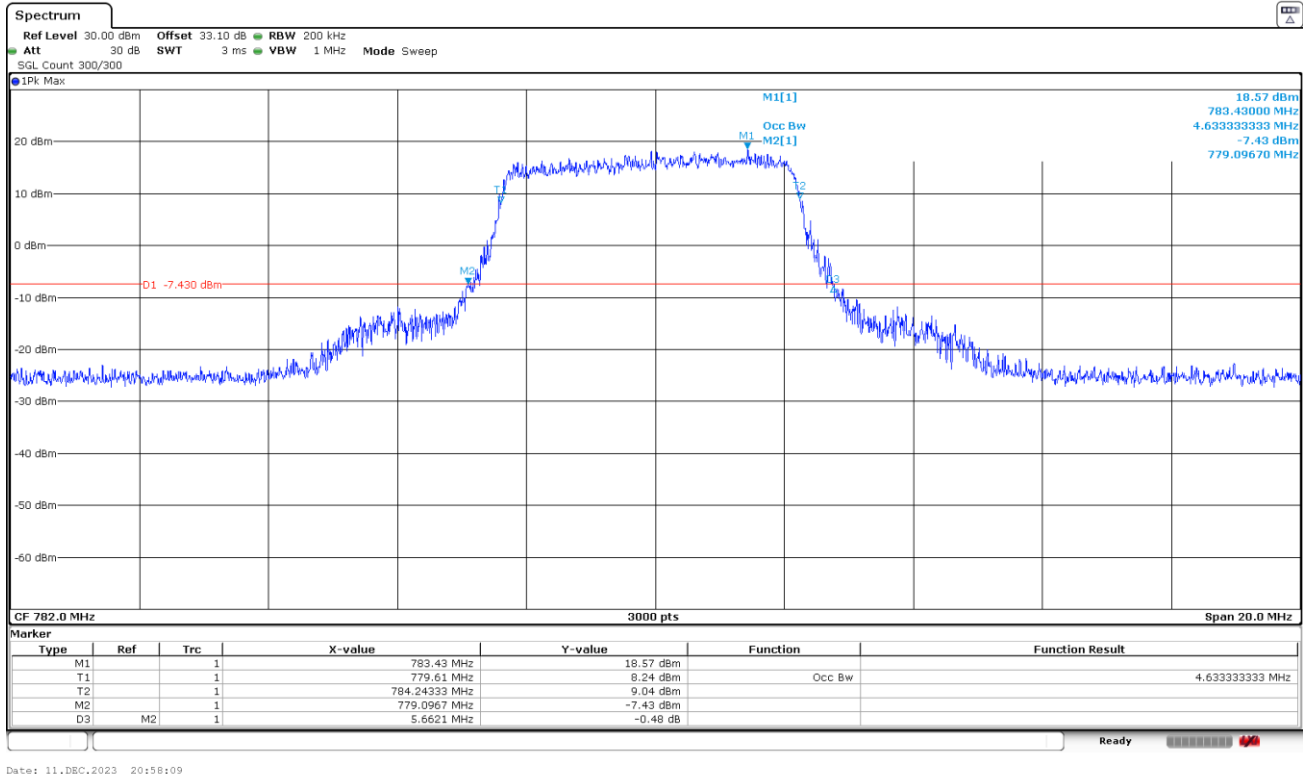
LTE Cat 1bis Band 13. BW=10 MHz. QPSK. RB Size All.

Middle Channel:



LTE Cat 1bis Band 13. BW=10 MHz. 16QAM. RB Size All.

Middle Channel:



LTE Cat 1bis Band 66:

LTE Cat 1bis Band 66. BW=1.4 MHz. QPSK. RB Size=All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	1.081	1.081	1.088
-26 dBc Bandwidth (MHz)	1.239	1.264	1.274
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=1.4 MHz. 16QAM. RB Size=All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	1.084	1.082	1.082
-26 dBc Bandwidth (MHz)	1.274	1.242	1.293
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=3 MHz. QPSK. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	2.690	2.692	2.694
-26 dBc Bandwidth (MHz)	3.012	3.024	2.990
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=3 MHz. 16QAM. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	2.684	2.690	2.682
-26 dBc Bandwidth (MHz)	2.958	2.980	2.988
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=5 MHz. QPSK. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	4.506	4.506	4.496
-26 dBc Bandwidth (MHz)	5.080	5.033	5.046
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=5 MHz. 16QAM. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	4.500	4.503	4.513
-26 dBc Bandwidth (MHz)	5.076	5.080	5.036
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=10 MHz. QPSK. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	8.987	8.993	8.987
-26 dBc Bandwidth (MHz)	10.180	9.993	10.153
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=10 MHz. 16QAM. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	4.646	4.653	4.660
-26 dBc Bandwidth (MHz)	5.853	5.753	5.873
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=15 MHz. QPSK. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	13.490	13.500	13.520
-26 dBc Bandwidth (MHz)	15.130	15.350	15.240
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=15 MHz. 16QAM. RB Size All.

Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	4.660	4.680	4.660
-26 dBc Bandwidth (MHz)	6.040	6.280	5.900
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=20 MHz. QPSK. RB Size All.

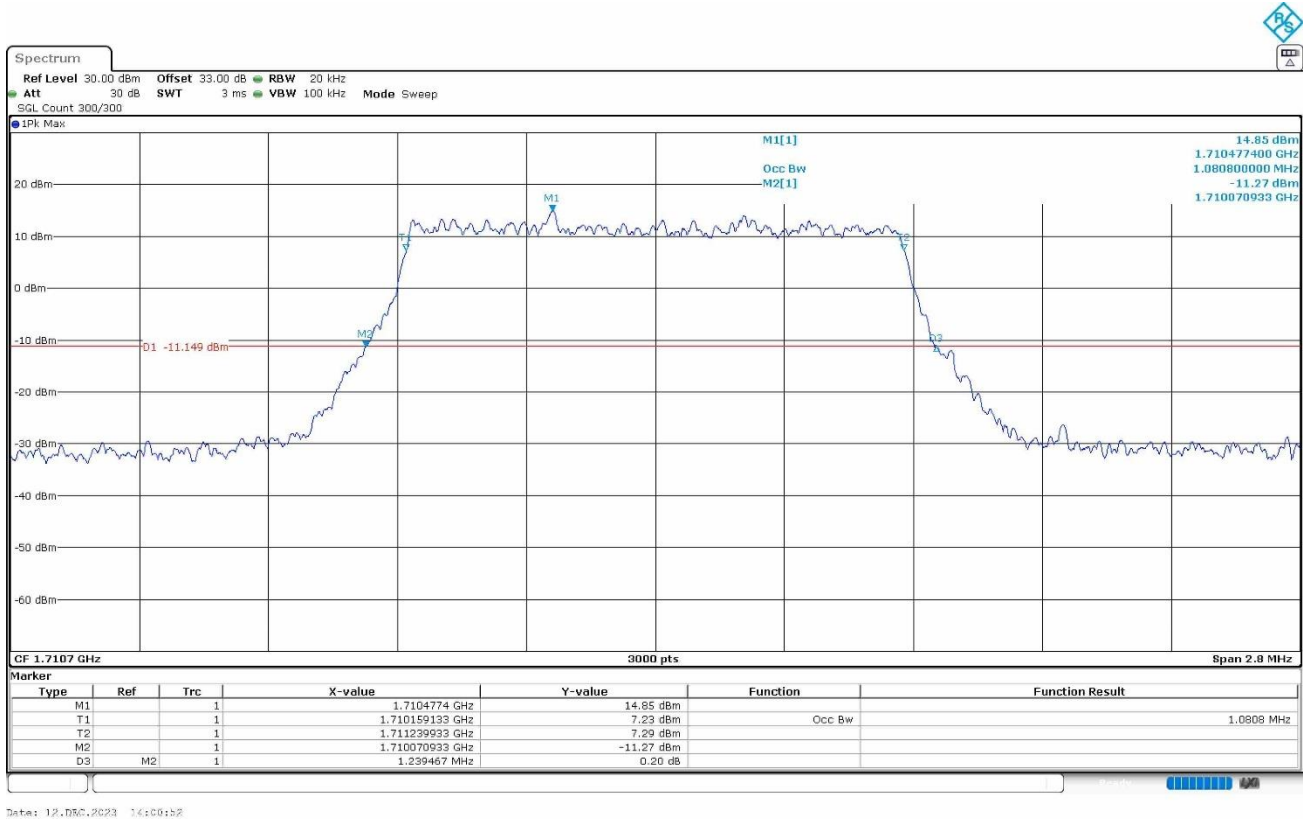
Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	17.952	17.907	17.907
-26 dBc Bandwidth (MHz)	19.923	19.747	19.787
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=20 MHz. 16QAM. RB Size All.

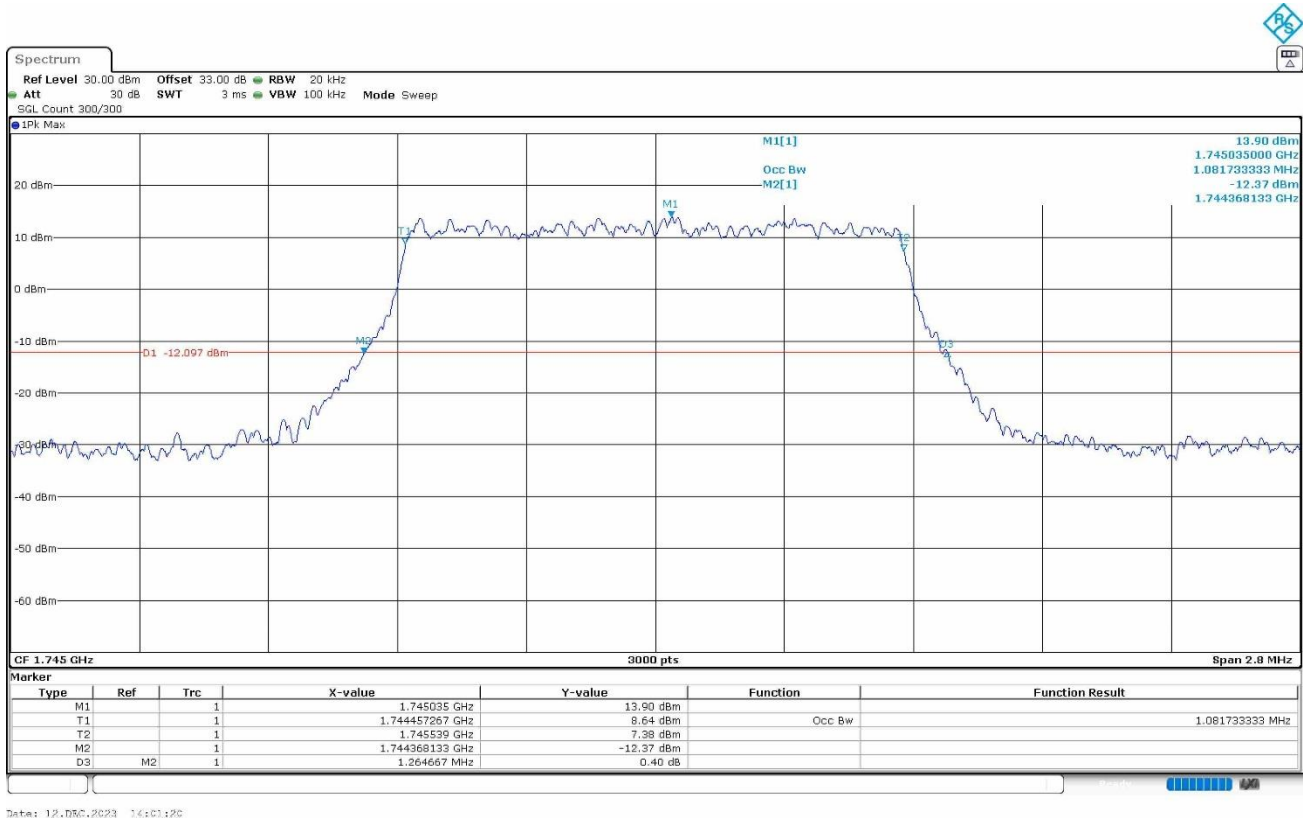
Channel	Low	Middle	High
99% Occupied Bandwidth (MHz)	4.700	4.844	4.696
-26 dBc Bandwidth (MHz)	6.304	6.489	6.080
Measurement uncertainty (kHz)	<±3.75		

LTE Cat 1bis Band 66. BW=1.4 MHz. QPSK. RB Size All.

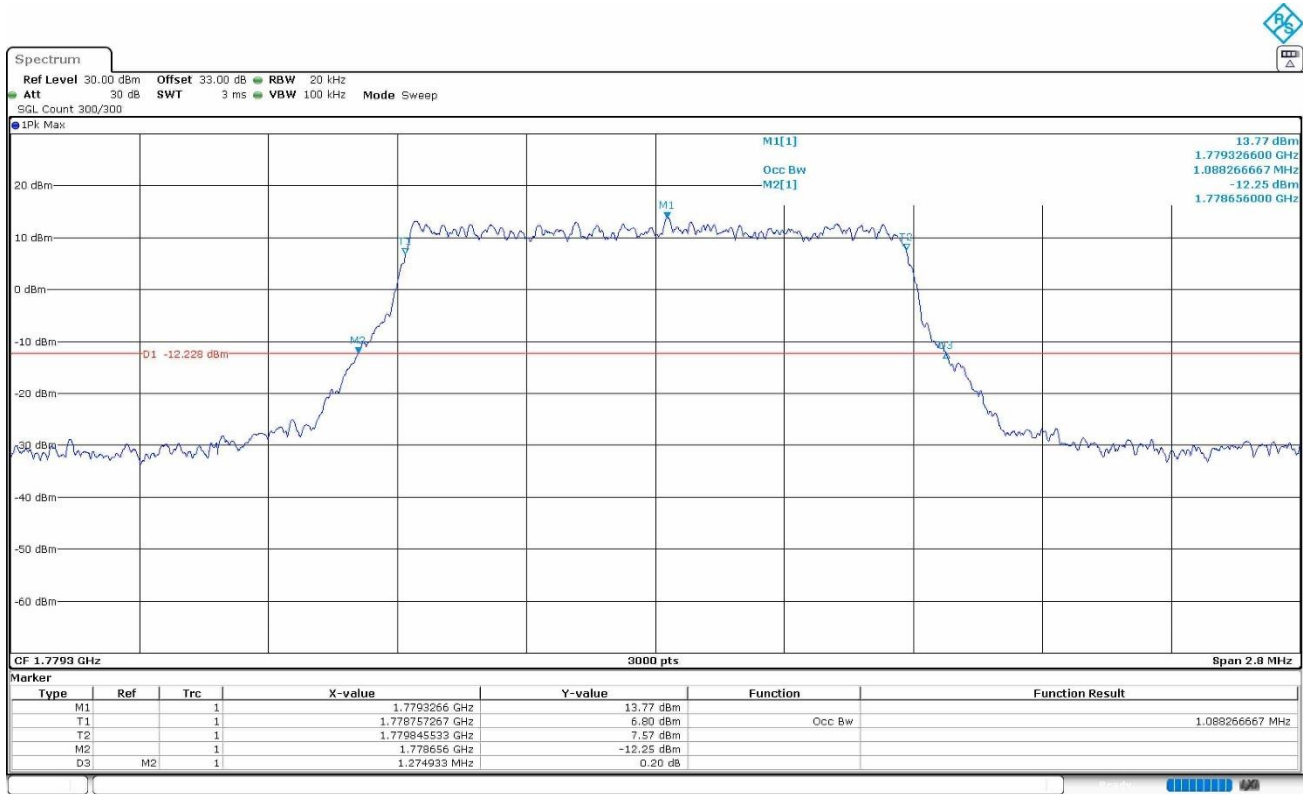
Low Channel:



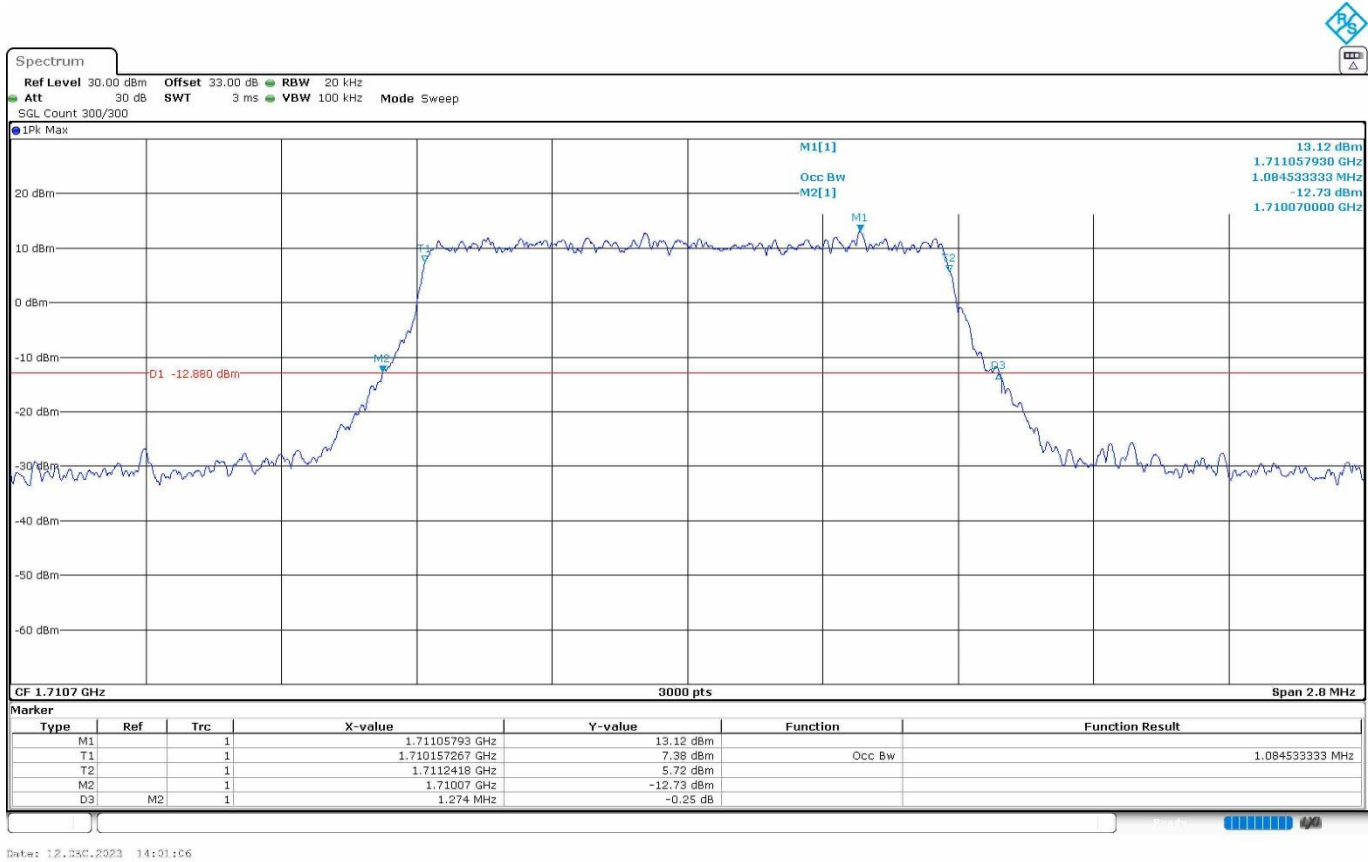
Middle Channel:



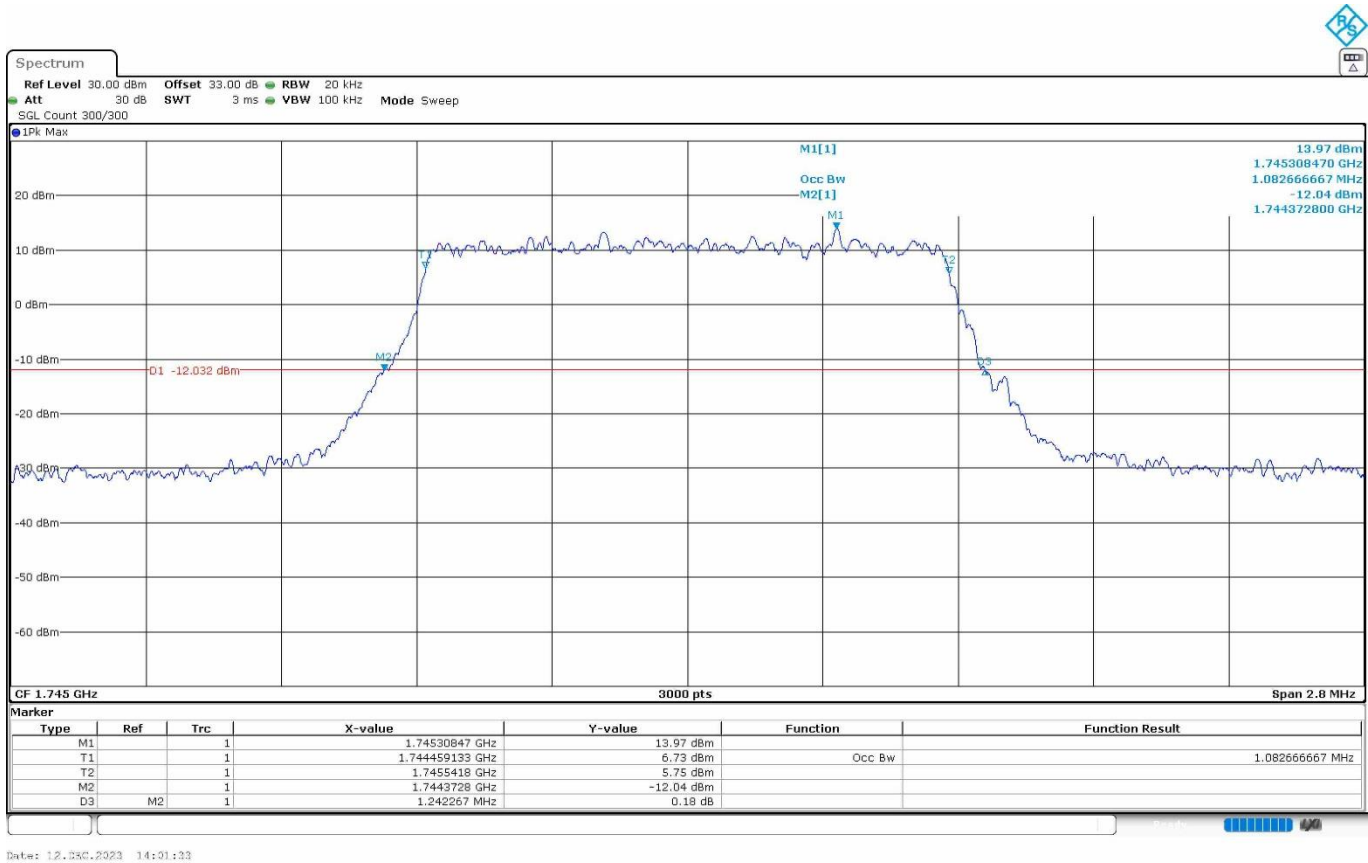
High Channel:



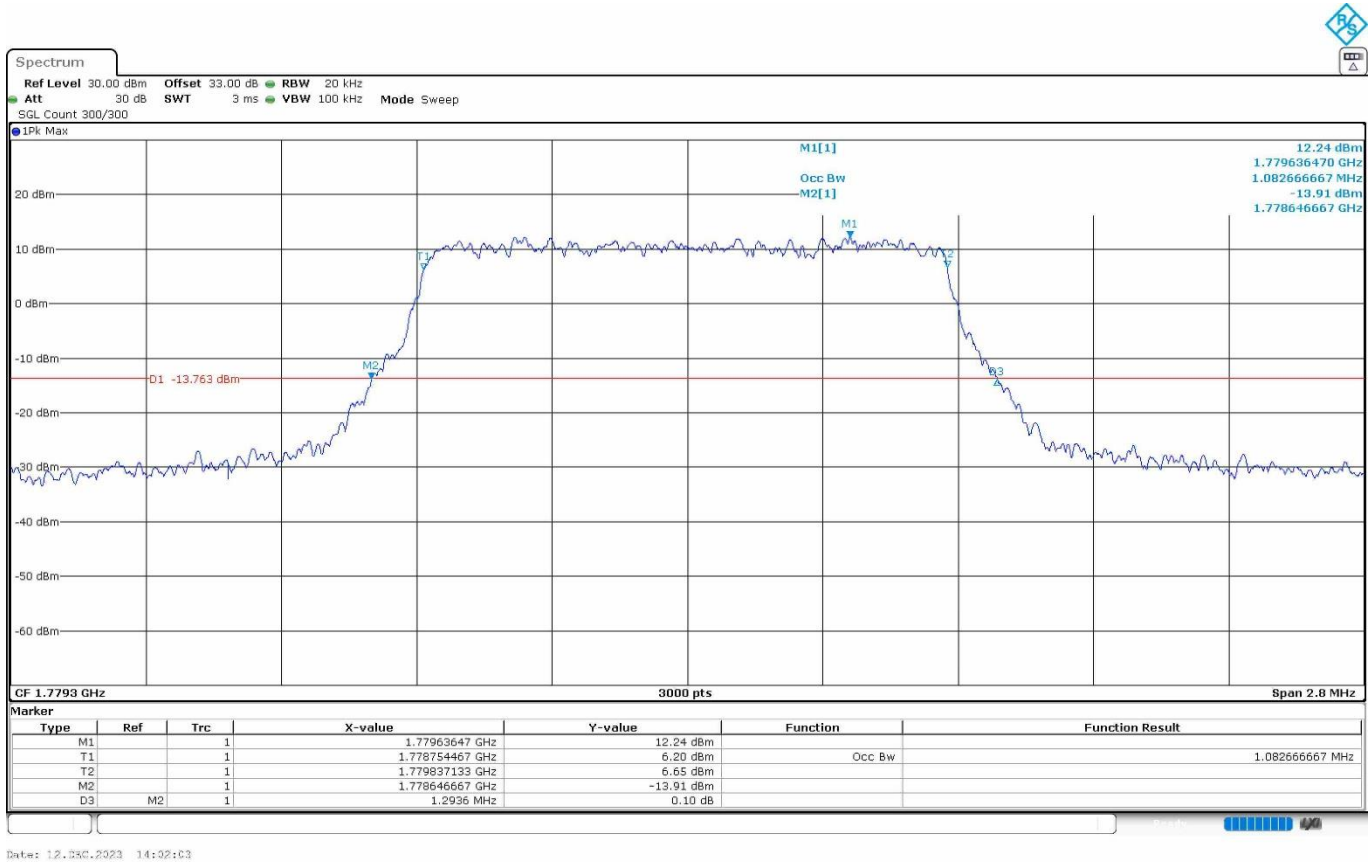
LTE Cat 1bis Band 66. BW=1.4 MHz. 16QAM. RB Size All.
Low Channel:



Middle Channel:

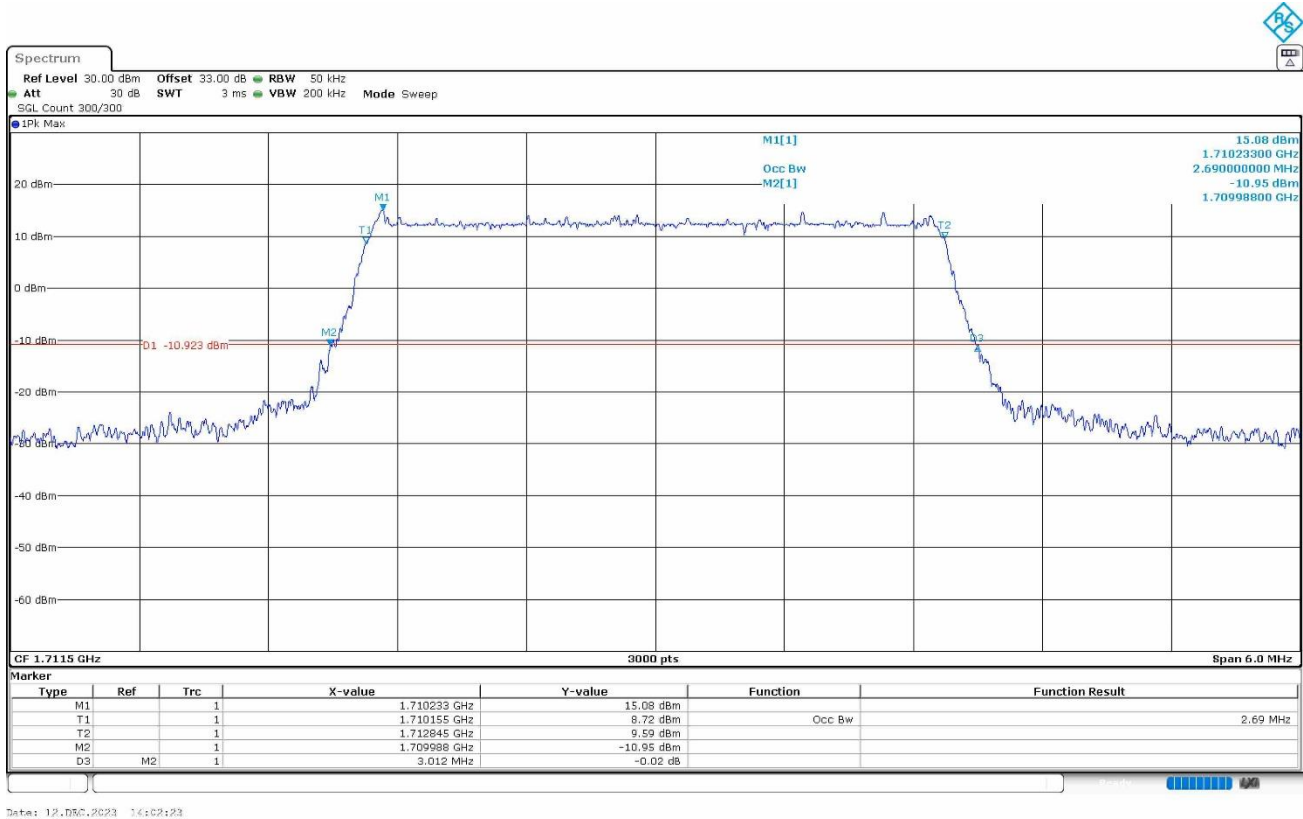


High Channel:

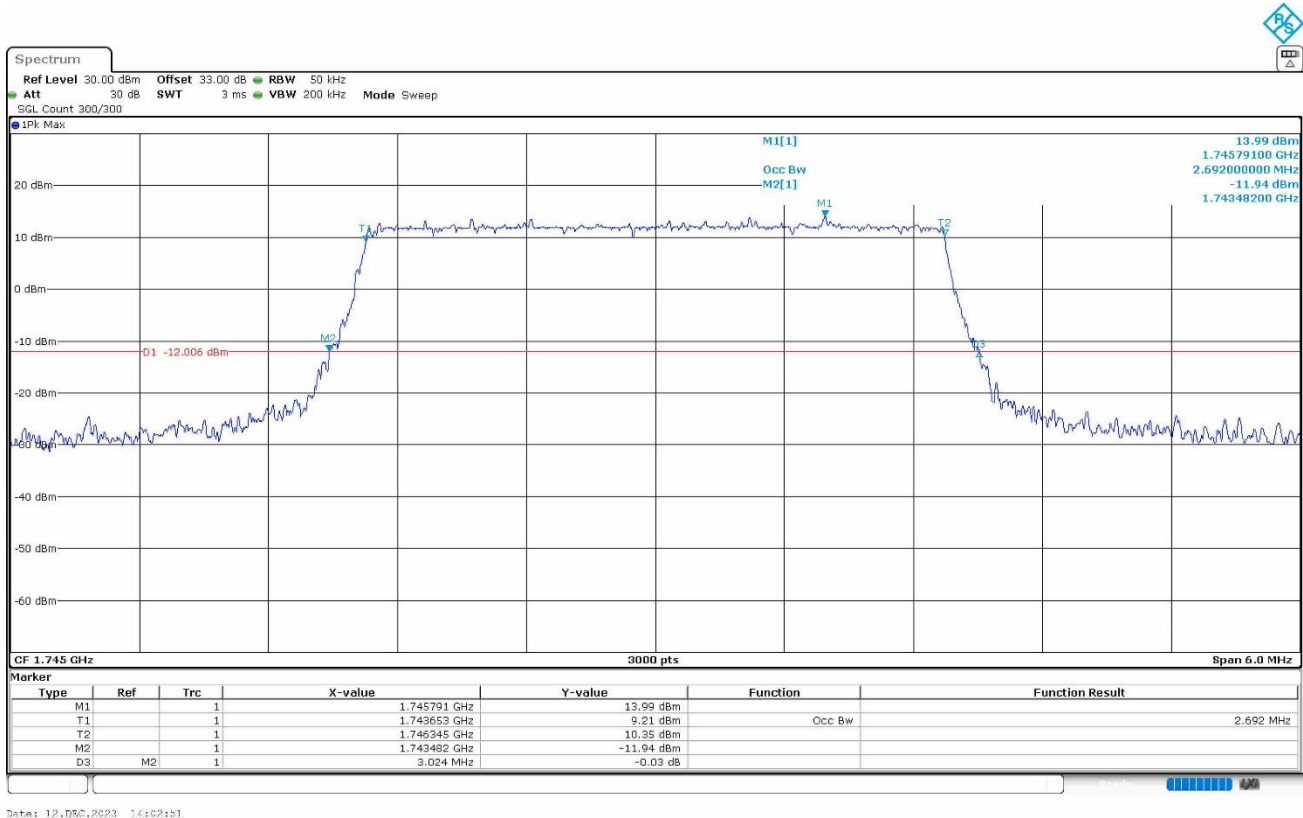


LTE Cat 1bis Band 66. BW=3 MHz. QPSK. RB Size All.

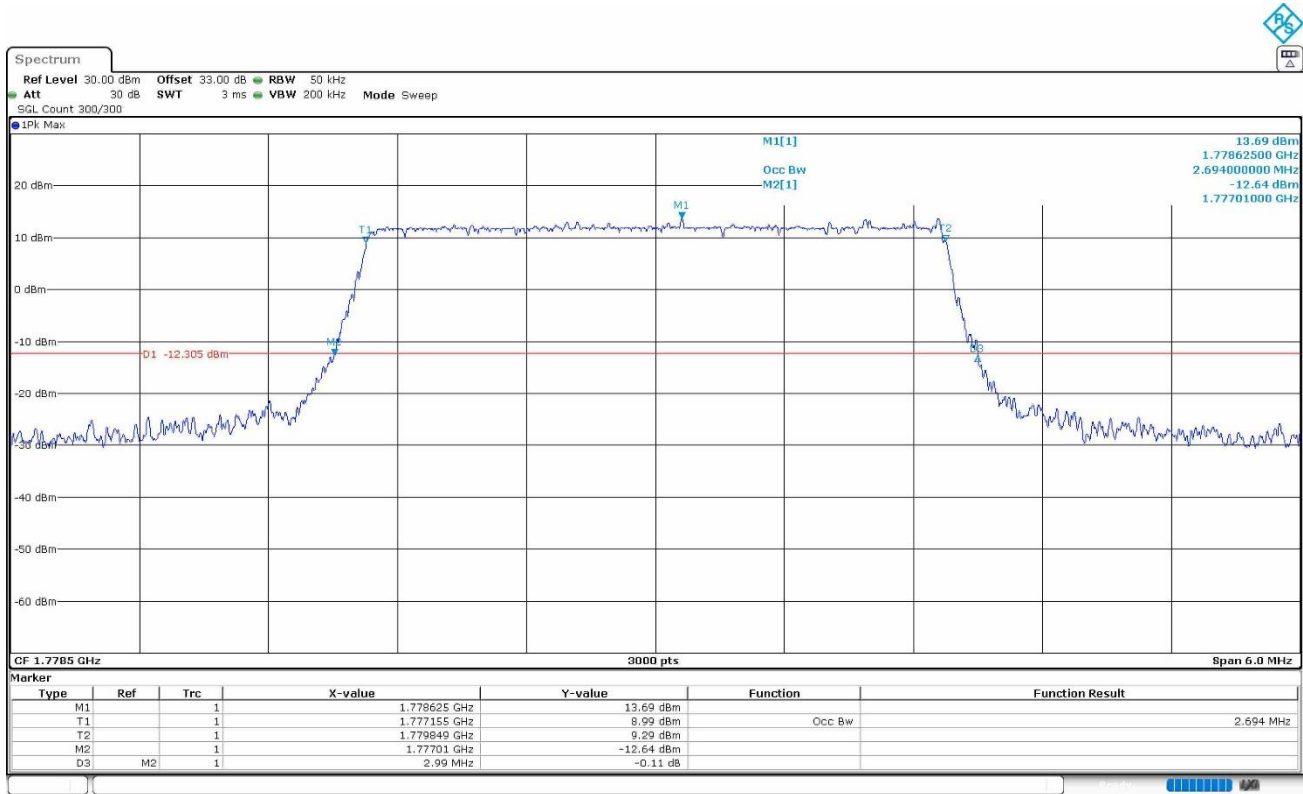
Low Channel:



Middle Channel:



High Channel:



Date: 12.05.2023 14:03:20

Low Channel:



Date: 12.DEC.2023 14:02:32

Middle Channel:

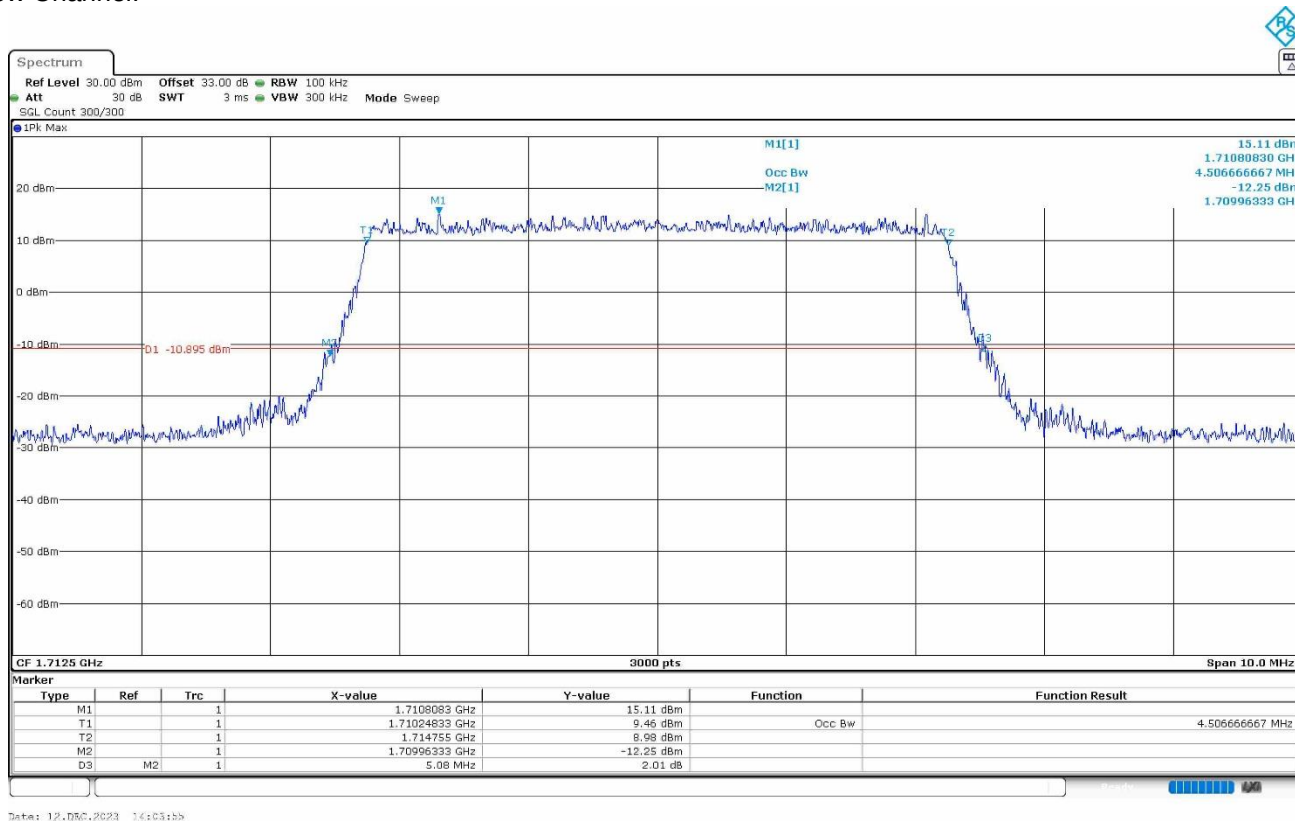


Date: 12-DEC-2023 14:03:04

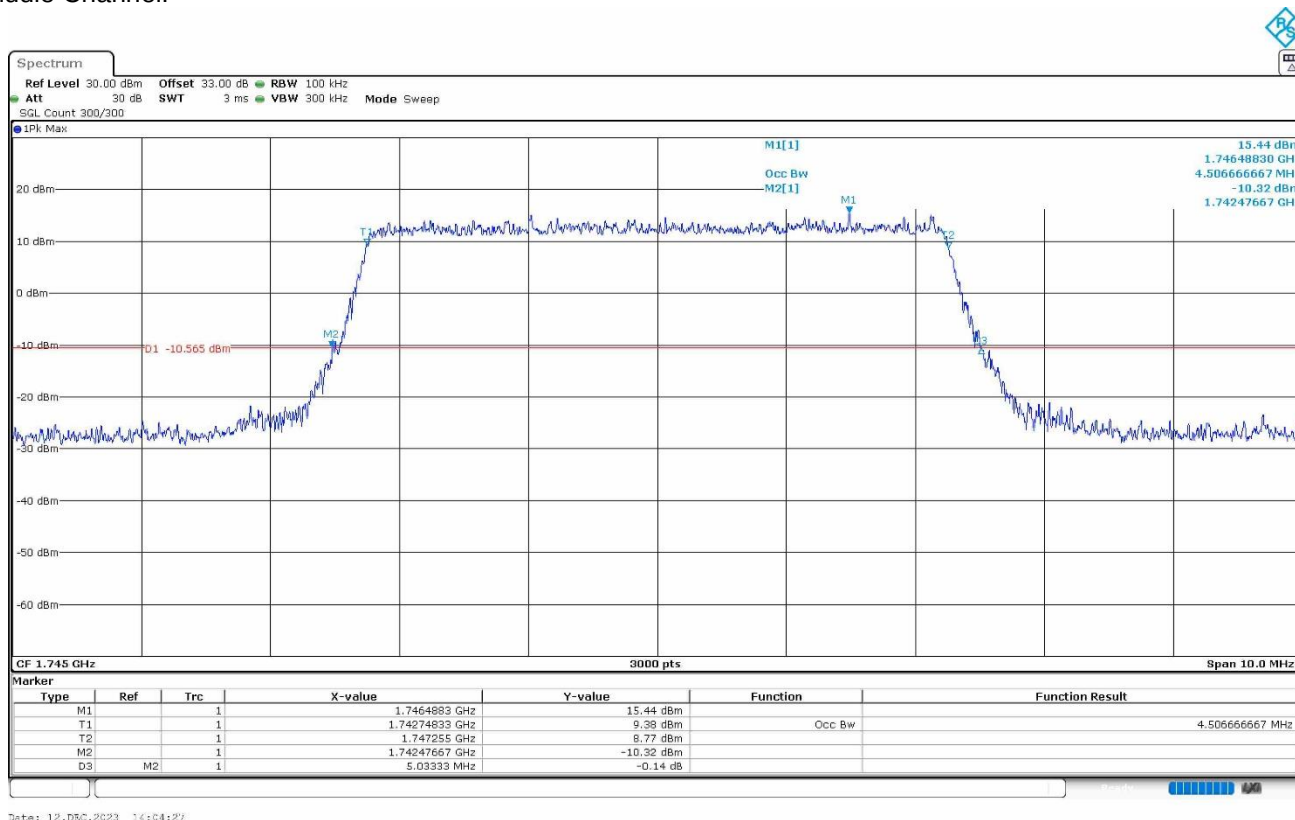


Marker							
Type	Ref	Trc	X-value		Y-value	Function	Function Result
M1		1		1.778635 GHz	13.52 dBm	Occ Bw	2.682 MHz
T1		1		1.777157 GHz	8.05 dBm		
T2		1		1.779839 GHz	9.24 dBm		
M2		1		1.776992 GHz	-12.83 dBm		
D3	M2	1		2.988 MHz	0.68 dB		

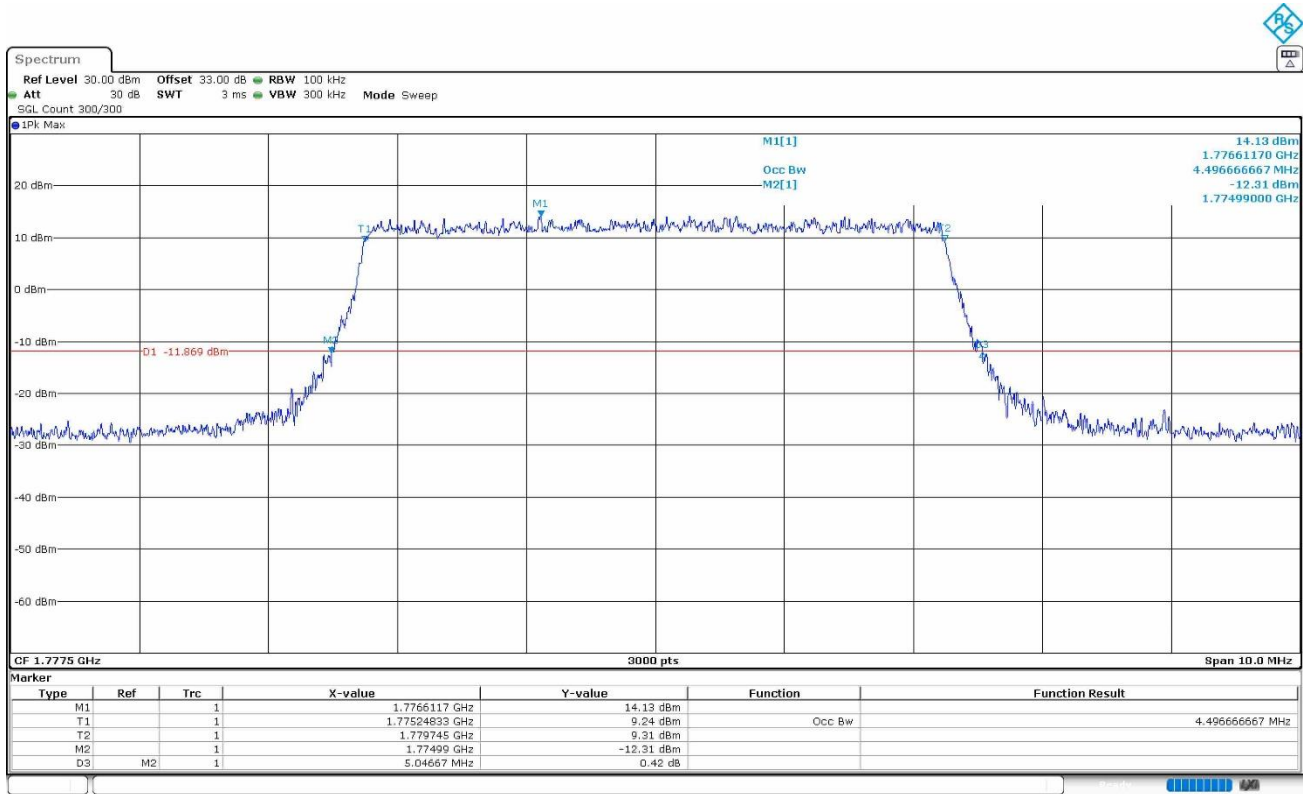
Low Channel:



Middle Channel:

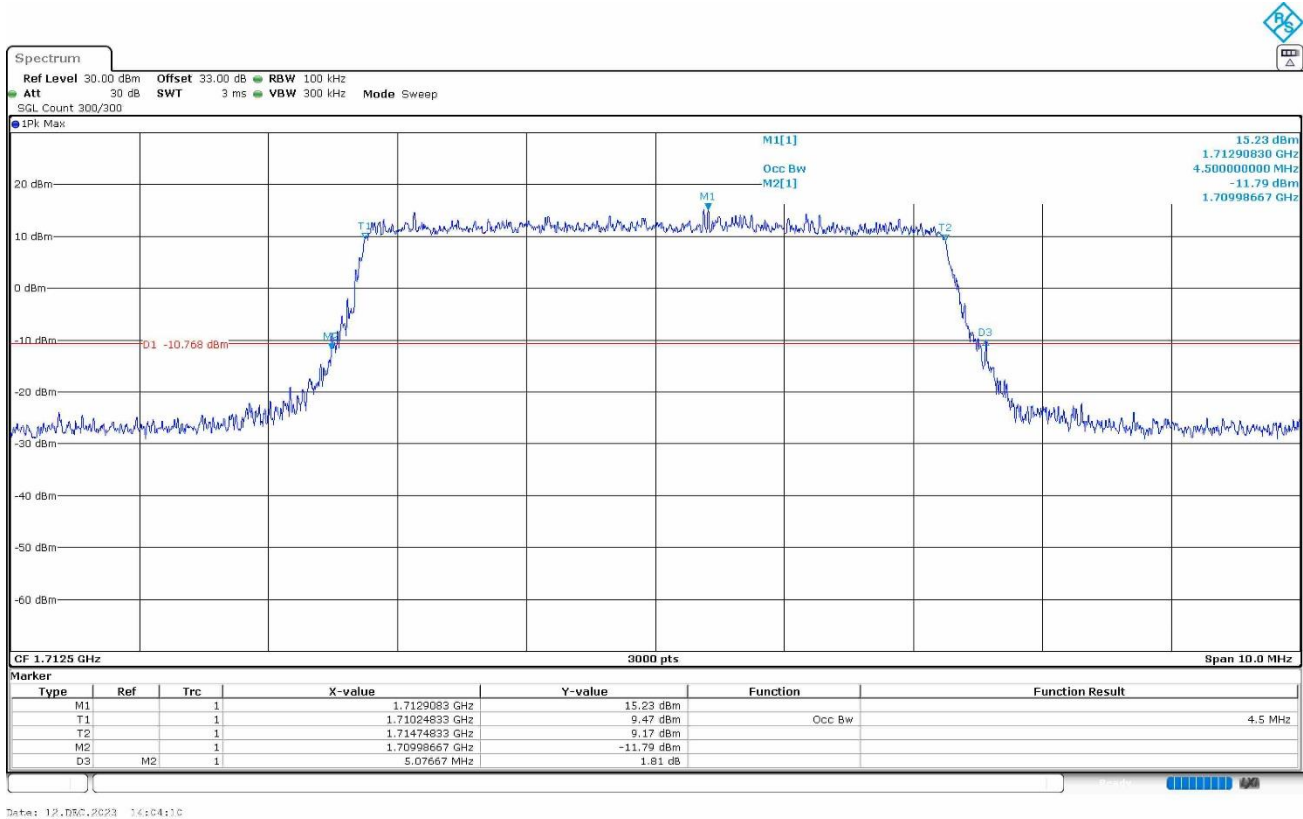


High Channel:

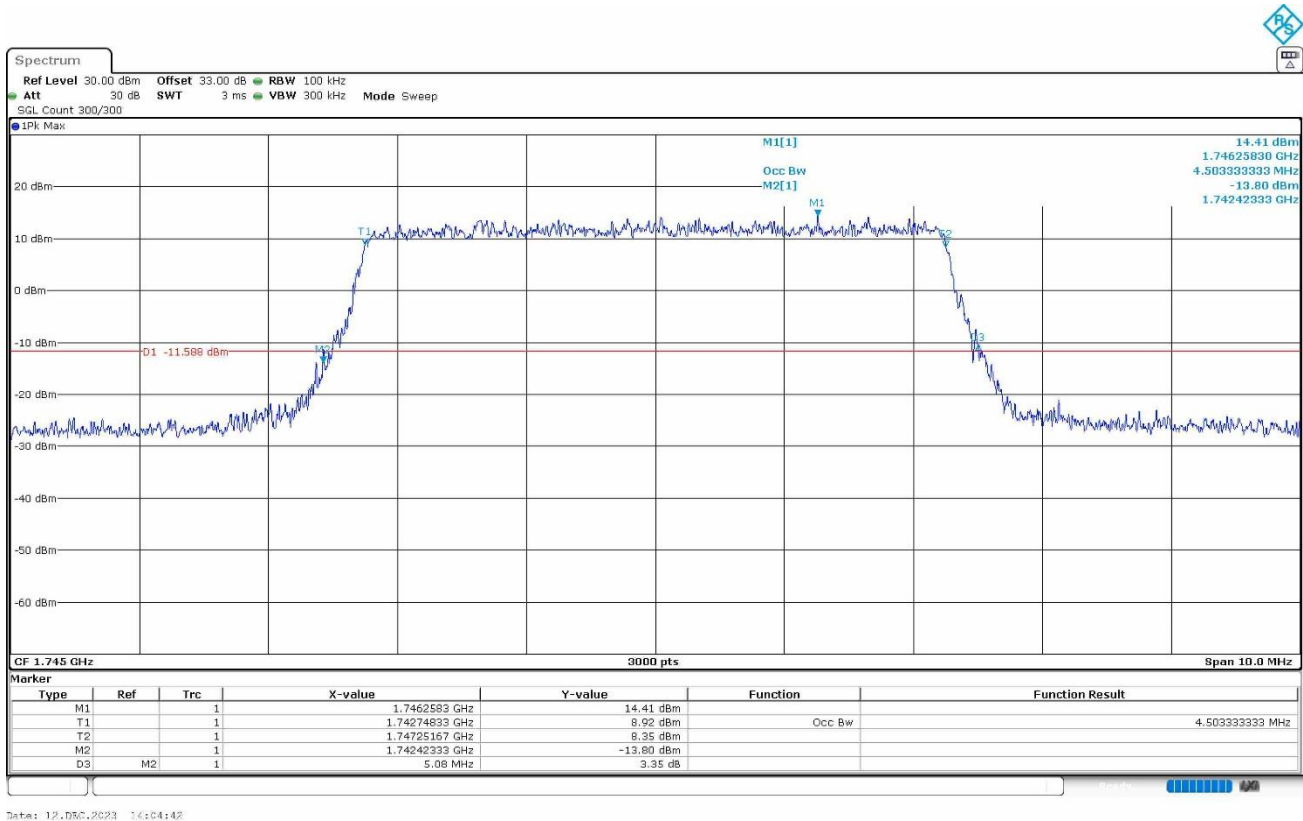


LTE Cat 1bis Band 66. BW=5 MHz. 16QAM. RB Size All.

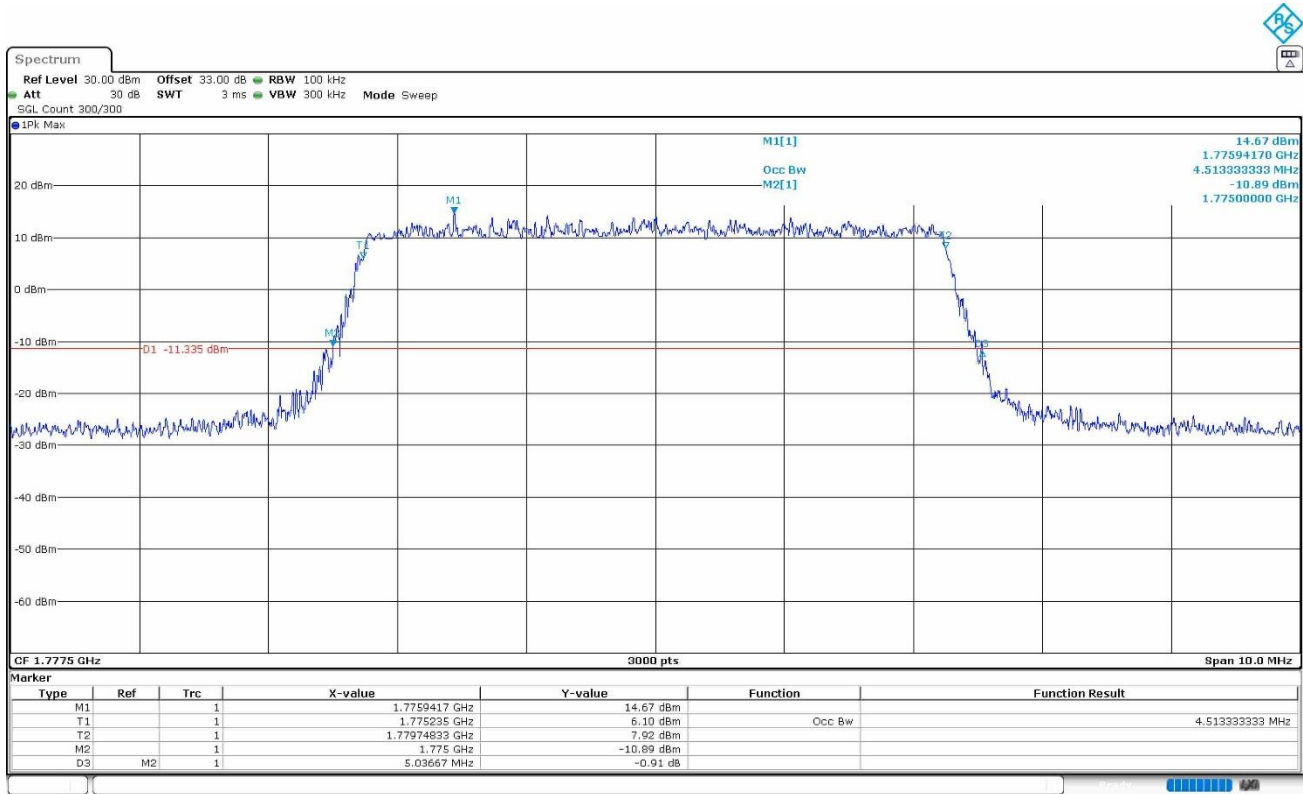
Low Channel:



Middle Channel:

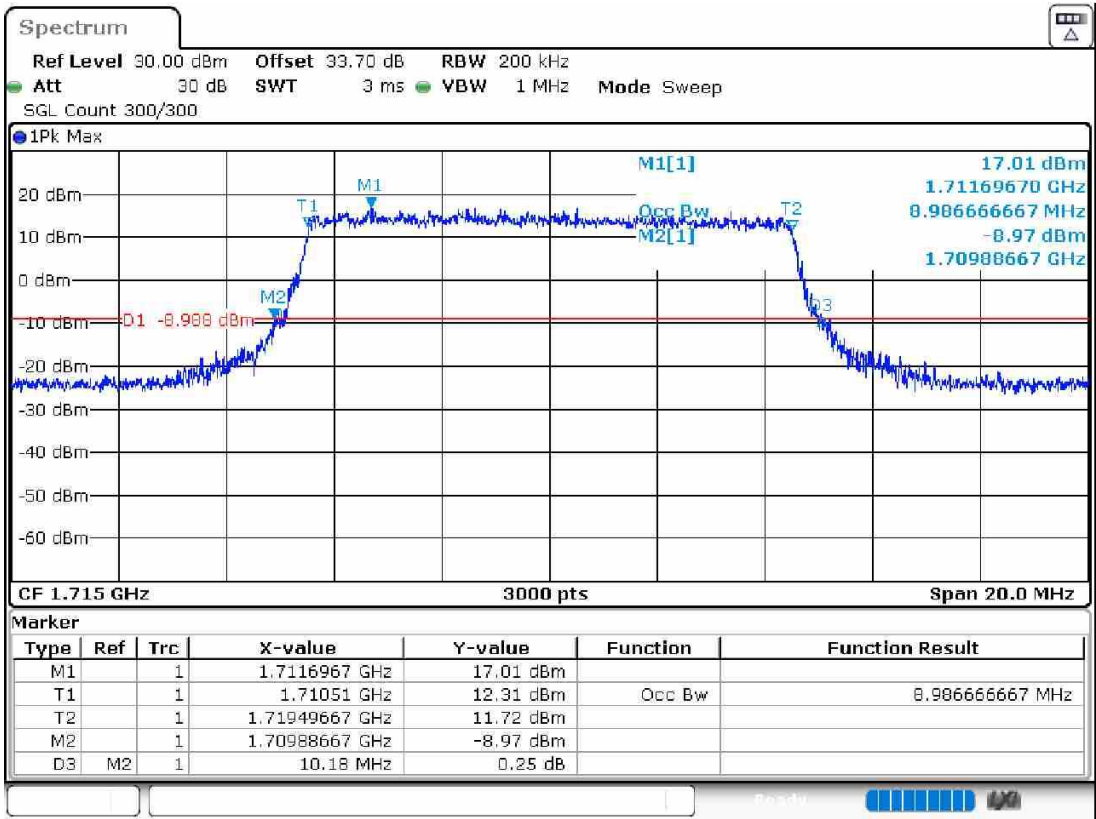


High Channel:



LTE Cat 1bis Band 66. BW=10 MHz. QPSK. RB Size All.

Low Channel:



Middle Channel:

