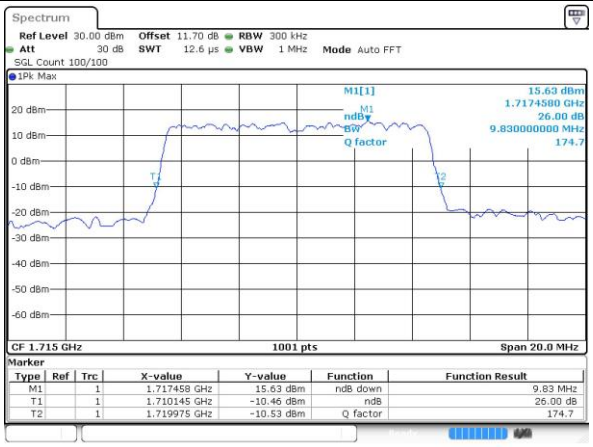
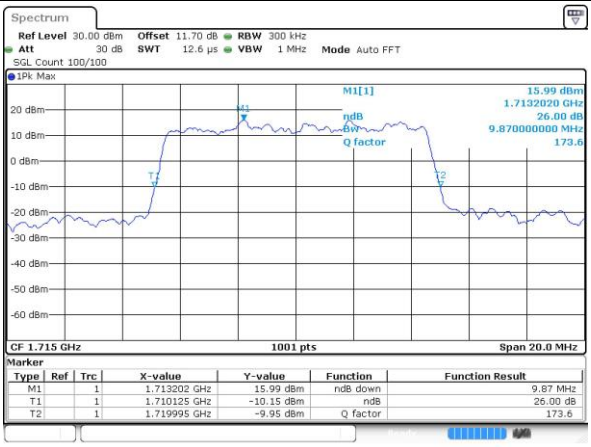
LTE Band 66

Lowest Channel / 10MHz / QPSK



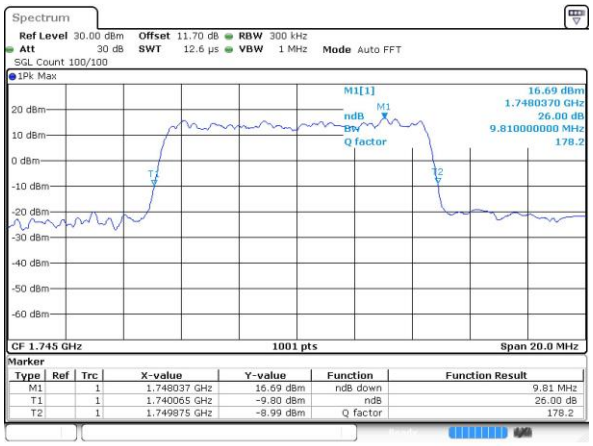
Date: 16.OCT.2018 10:28:22

Lowest Channel / 10MHz / 16QAM



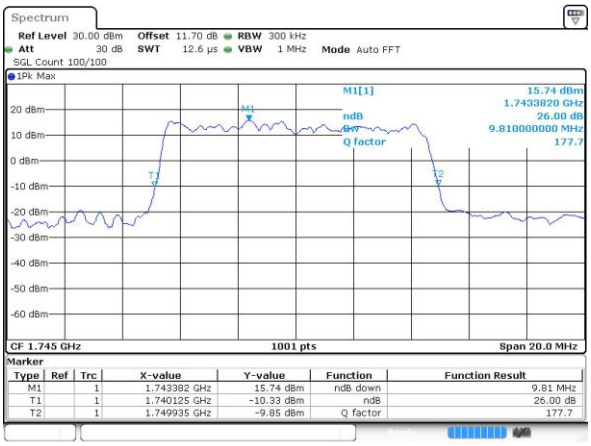
Date: 16.OCT.2018 10:28:33

Middle Channel / 10MHz / QPSK



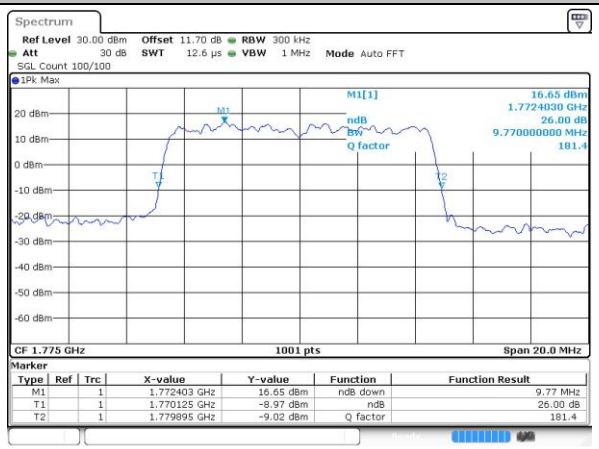
Date: 16.OCT.2018 10:34:10

Middle Channel / 10MHz / 16QAM



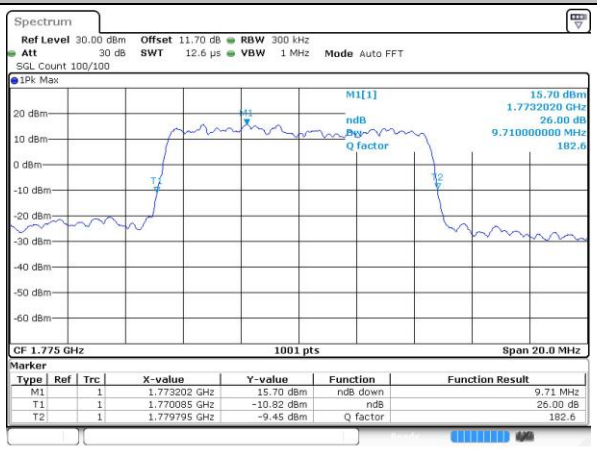
Date: 16.OCT.2018 11:41:52

Highest Channel / 10MHz / QPSK



Date: 16.OCT.2018 11:04:47

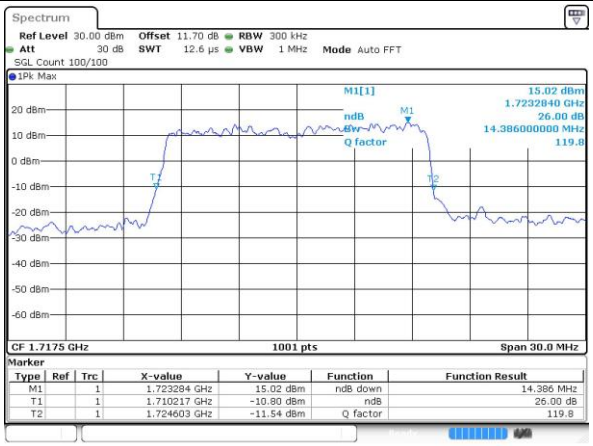
Highest Channel / 10MHz / 16QAM



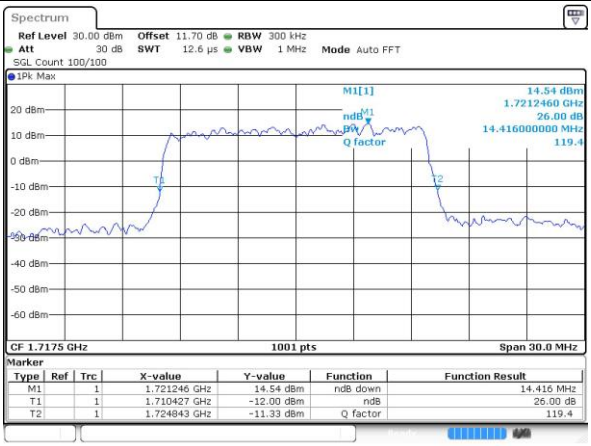
Date: 16.OCT.2018 11:04:59

LTE Band 66

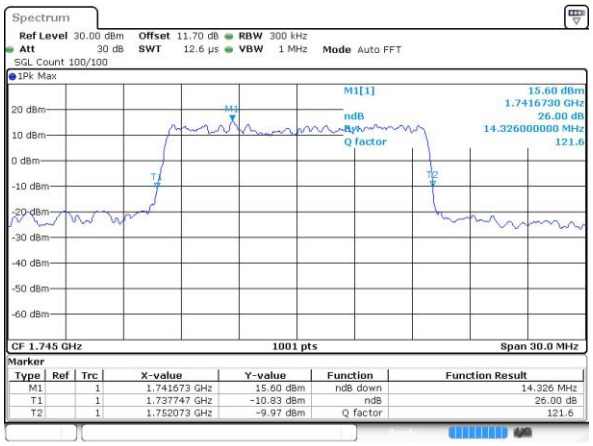
Lowest Channel / 15MHz / QPSK



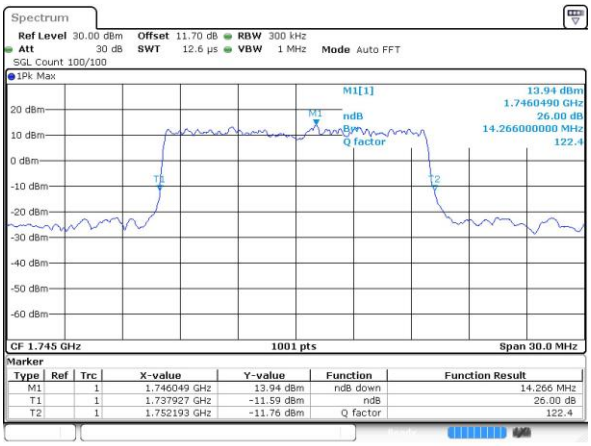
Lowest Channel / 15MHz / 16QAM



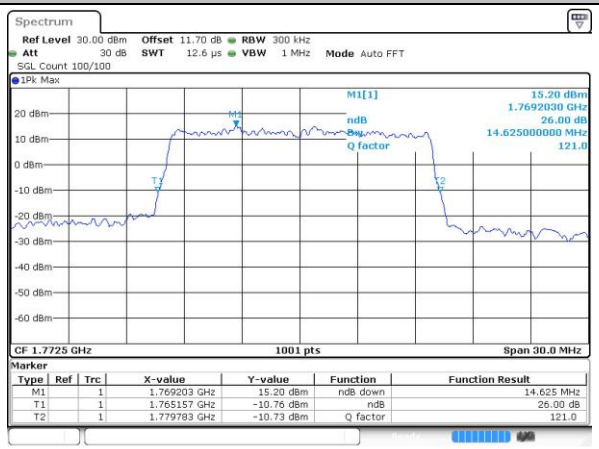
Middle Channel / 15MHz / QPSK



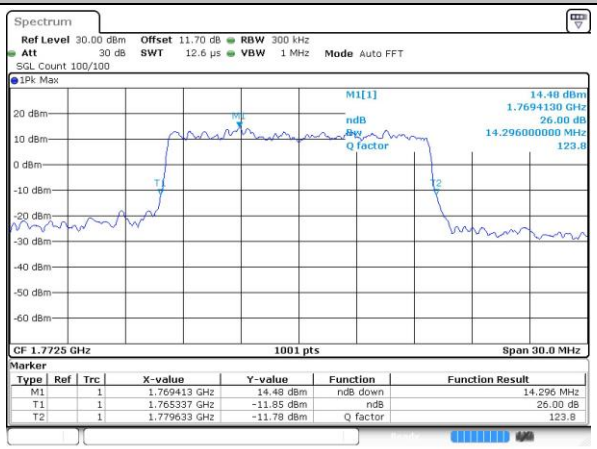
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

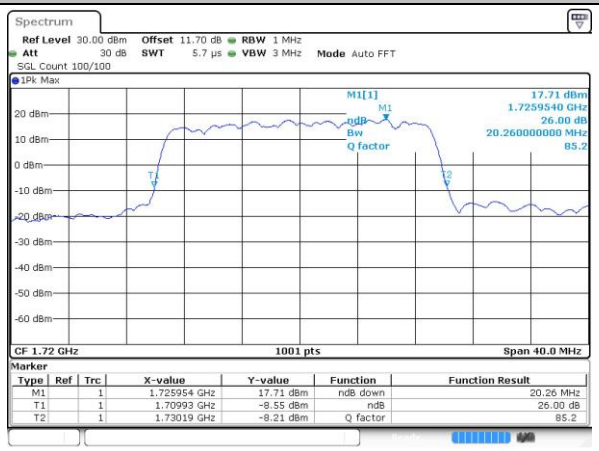


Highest Channel / 15MHz / 16QAM

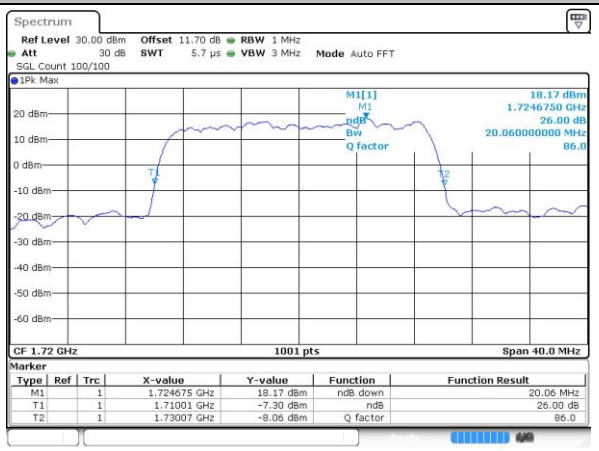


LTE Band 66

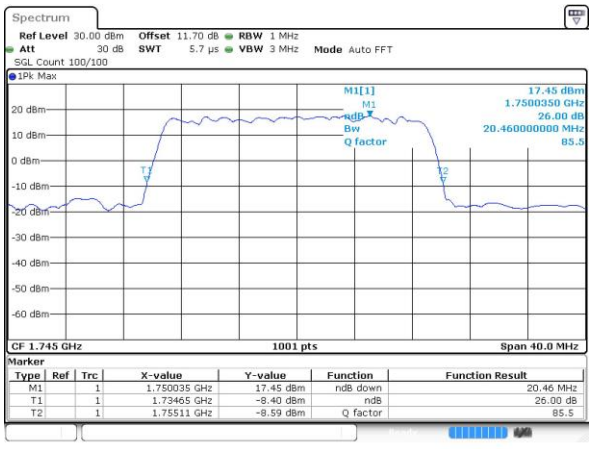
Lowest Channel / 20MHz / QPSK



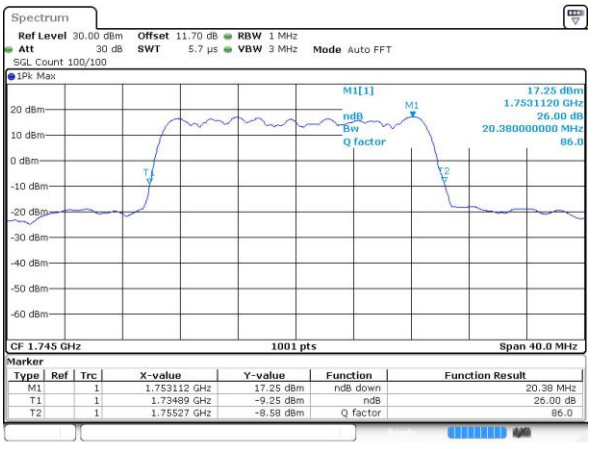
Lowest Channel / 20MHz / 16QAM



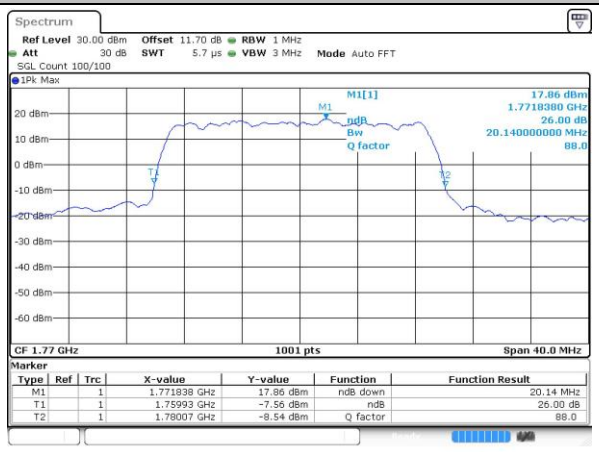
Middle Channel / 20MHz / QPSK



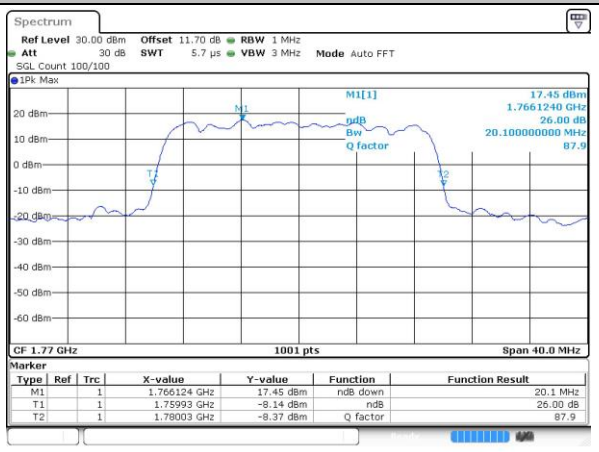
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

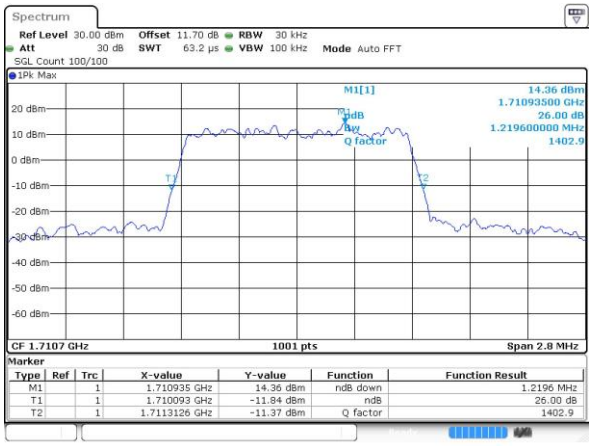


Highest Channel / 20MHz / 16QAM

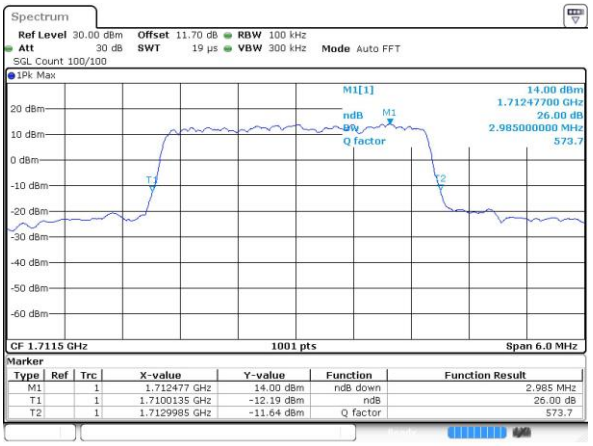


LTE Band 66

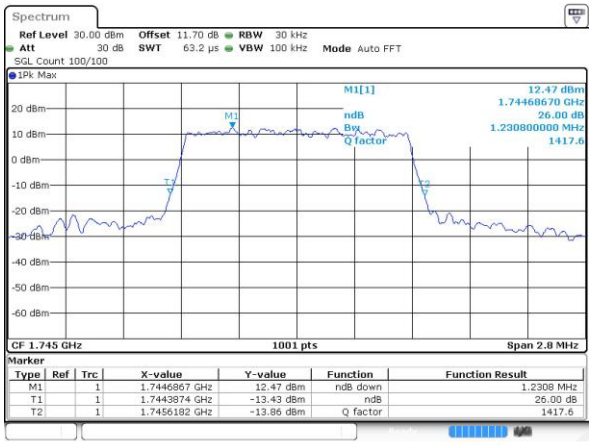
Lowest Channel / 1.4MHz / 64QAM



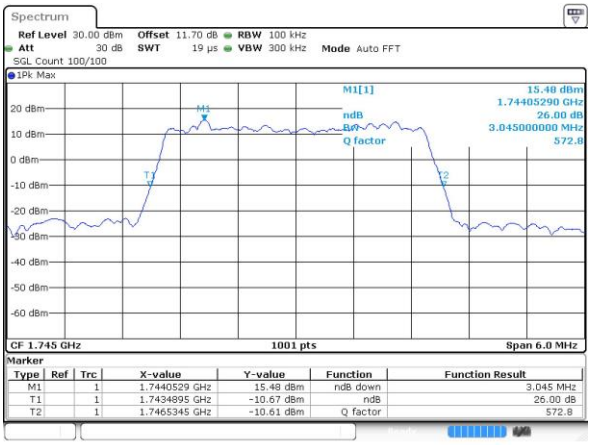
Lowest Channel / 3MHz / 64QAM



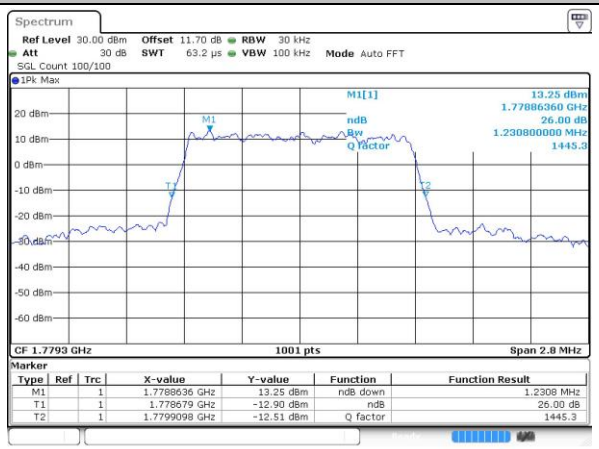
Middle Channel / 20MHz / 64QAM



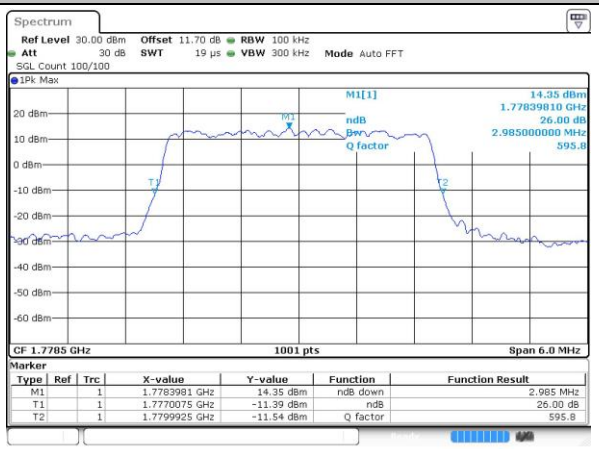
Middle Channel / 3MHz / 64QAM



Highest Channel / 20MHz / 64QAM

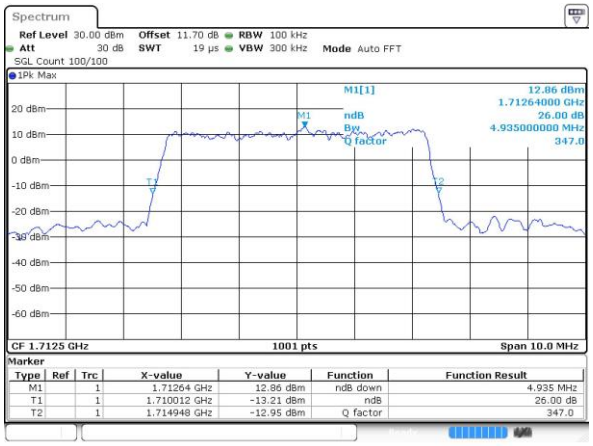


Highest Channel / 3MHz / 64QAM

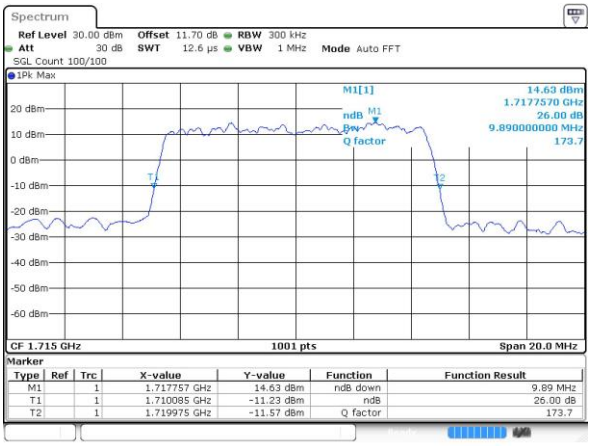


LTE Band 66

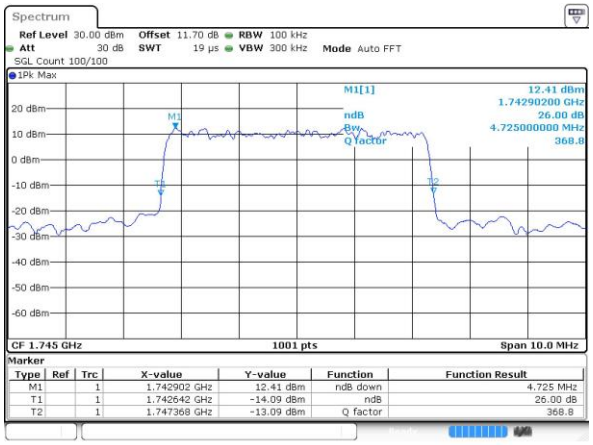
Lowest Channel / 5MHz / 64QAM



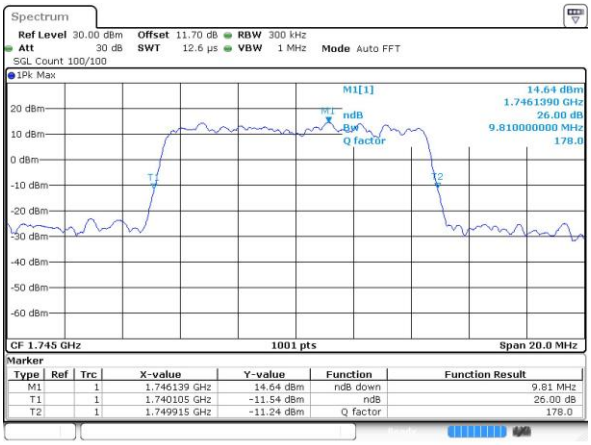
Lowest Channel / 10MHz / 64QAM



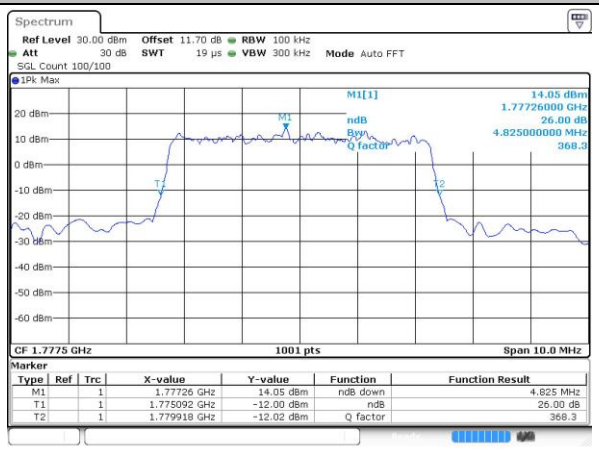
Middle Channel / 5MHz / 64QAM



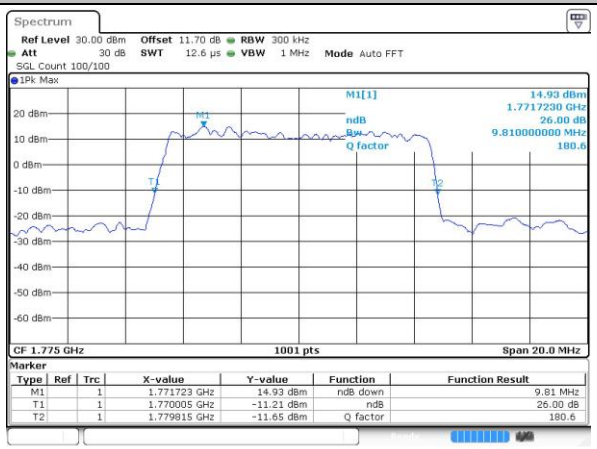
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

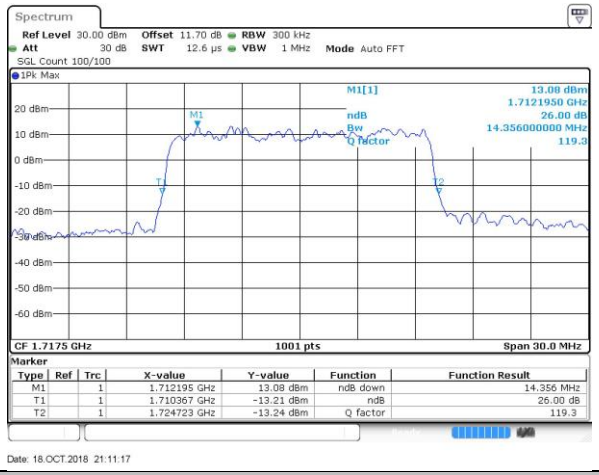


Highest Channel / 10MHz / 64QAM

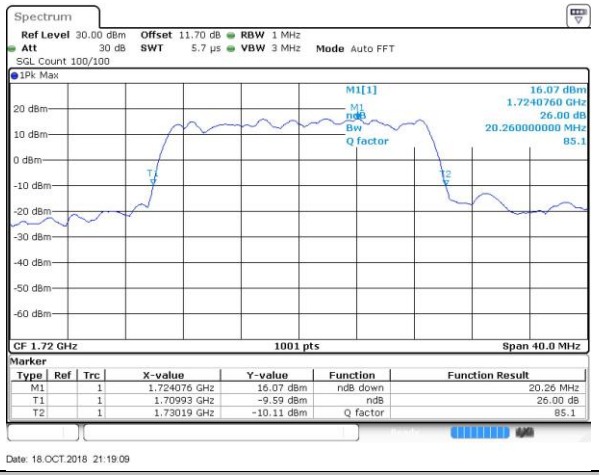


LTE Band 66

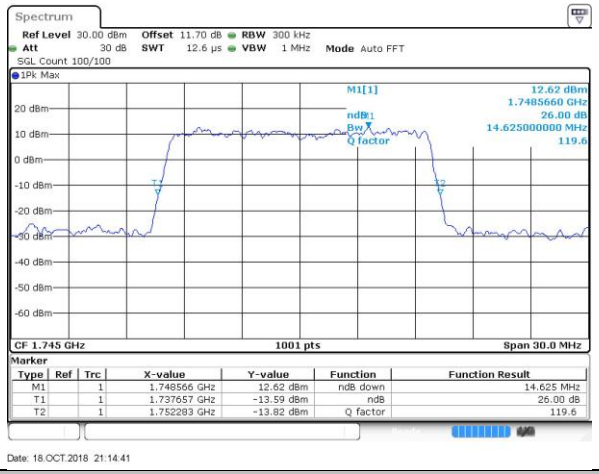
Lowest Channel / 15MHz / 64QAM



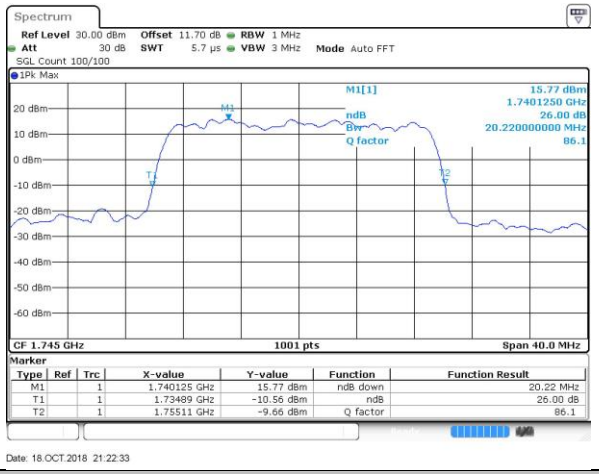
Lowest Channel / 20MHz / 64QAM



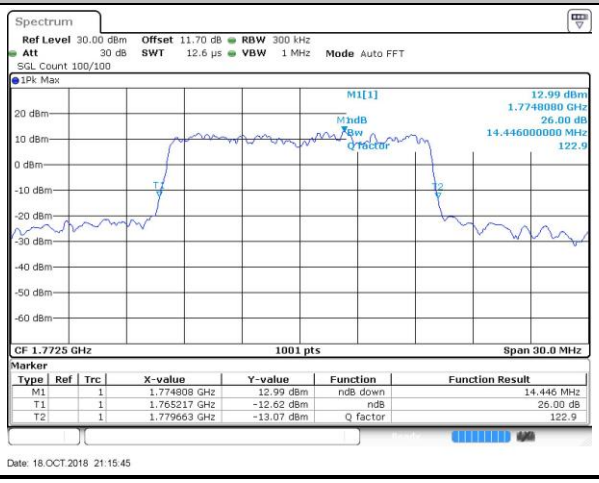
Middle Channel / 15MHz / 64QAM



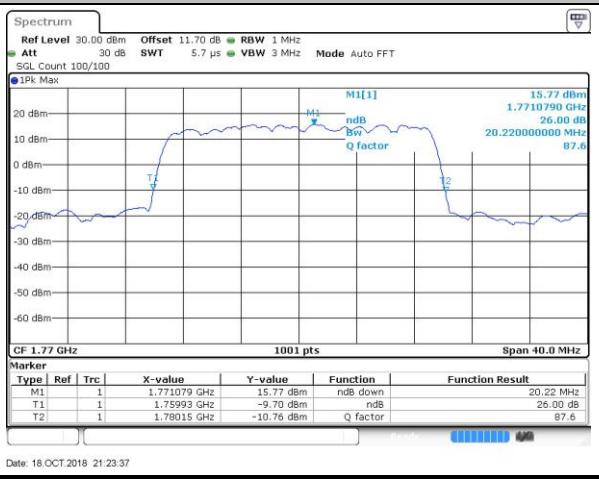
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

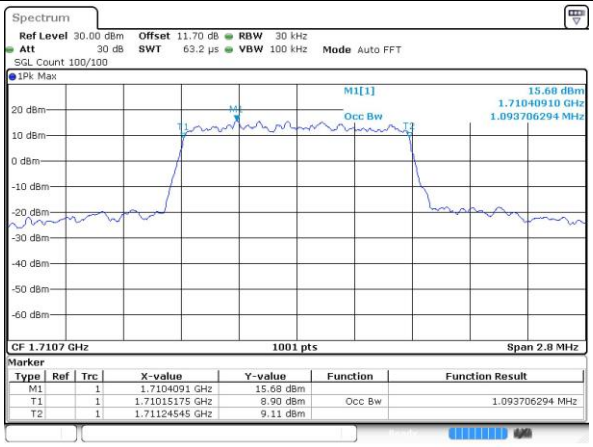


Occupied Bandwidth

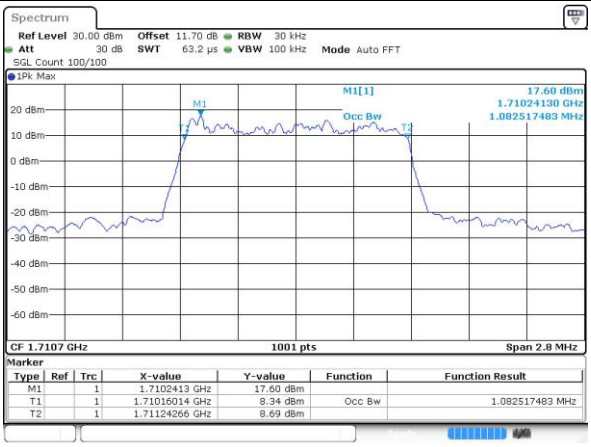
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.08	2.71	2.73	4.51	4.51	9.11	9.03	13.49	13.46	18.34	18.3
Middle CH	1.09	1.09	2.71	2.71	4.5	4.49	9.01	9.05	13.4	13.43	18.42	18.54
Highest CH	1.1	1.09	2.72	2.71	4.5	4.48	9.03	9.03	13.46	13.43	18.46	18.38
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.70	-	4.49	-	9.01	-	13.46	-	18.18	-
Middle CH	1.09	-	2.73	-	4.51	-	9.03	-	13.55	-	18.38	-
Highest CH	1.09	-	2.72	-	4.54	-	9.01	-	13.46	-	18.38	-

LTE Band 66

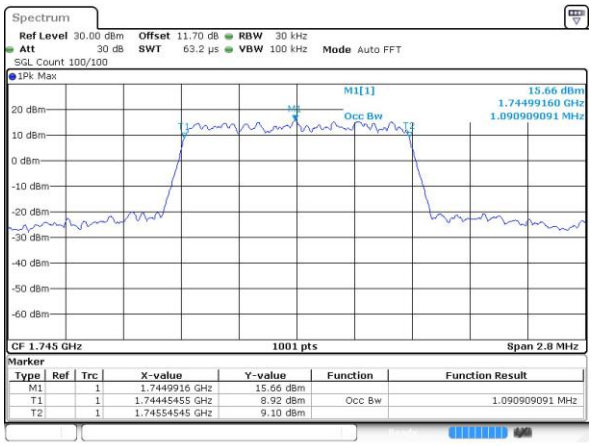
Lowest Channel / 1.4MHz / QPSK



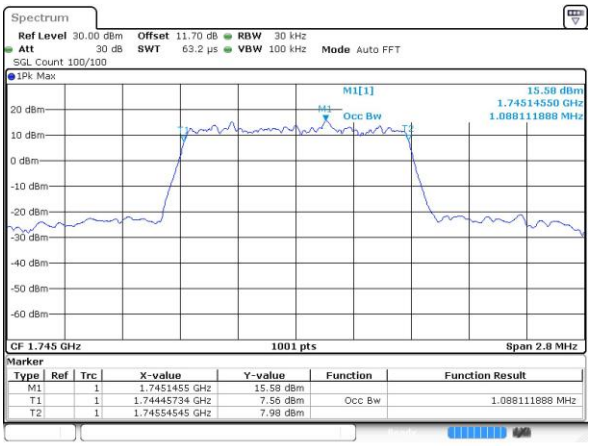
Lowest Channel / 1.4MHz / 16QAM



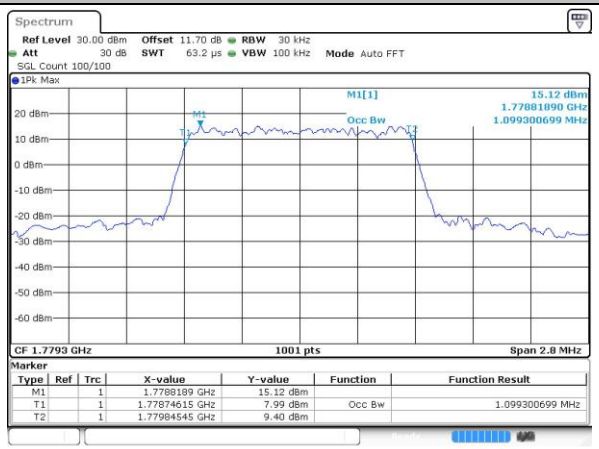
Middle Channel / 1.4MHz / QPSK



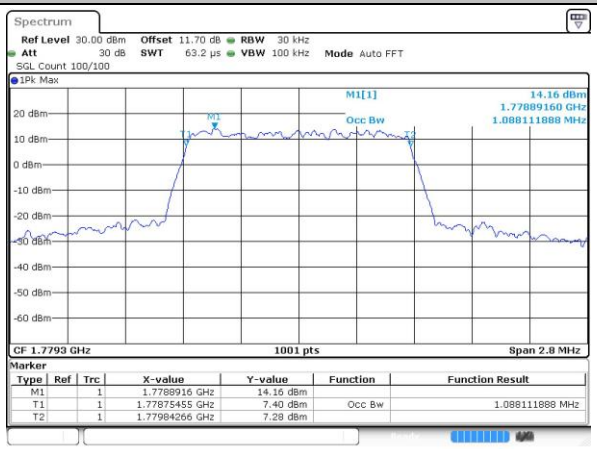
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

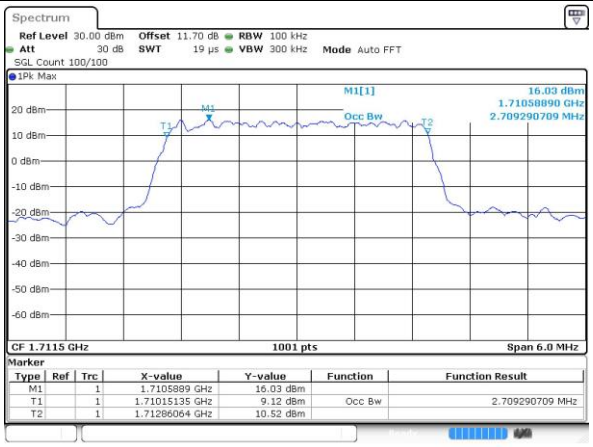


Highest Channel / 1.4MHz / 16QAM

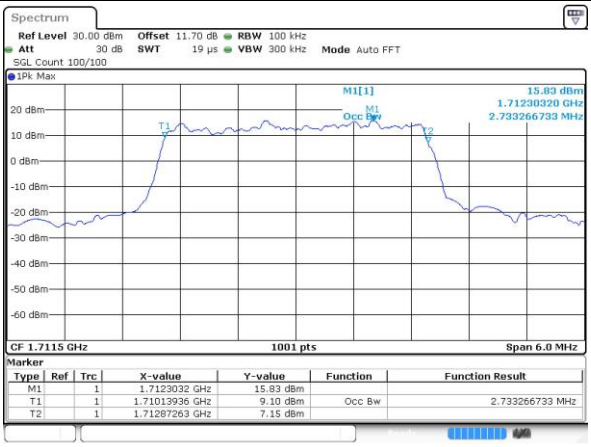


LTE Band 66

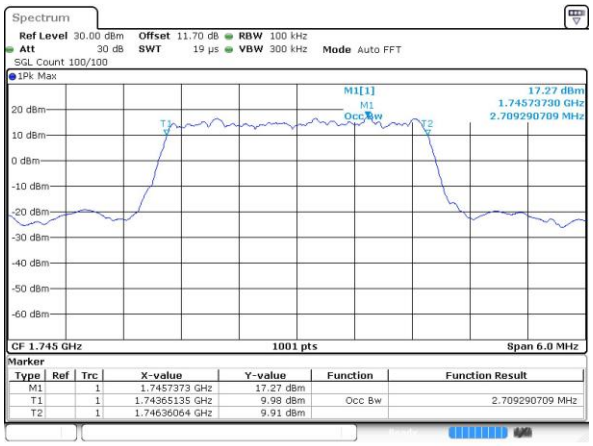
Lowest Channel / 3MHz / QPSK



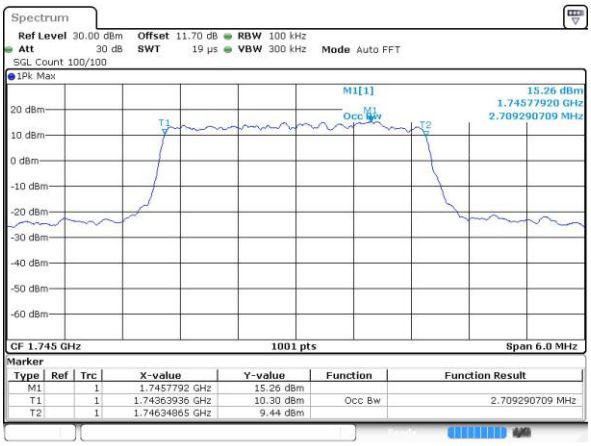
Lowest Channel / 3MHz / 16QAM



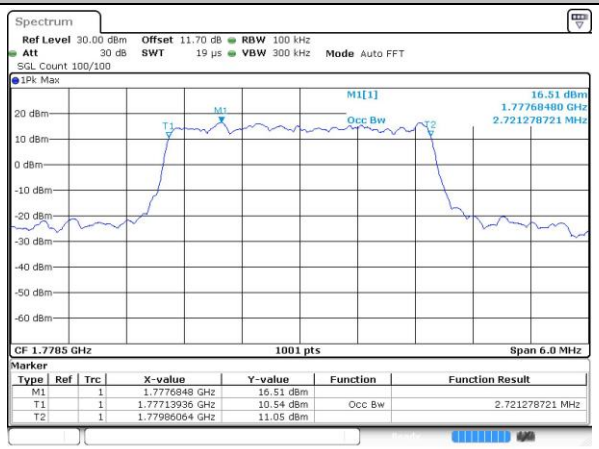
Middle Channel / 3MHz / QPSK



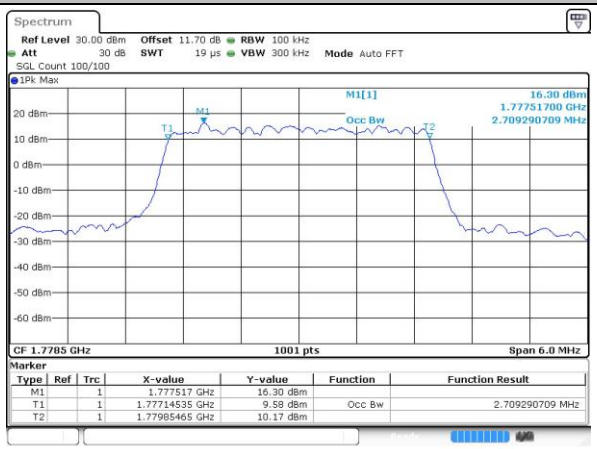
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK

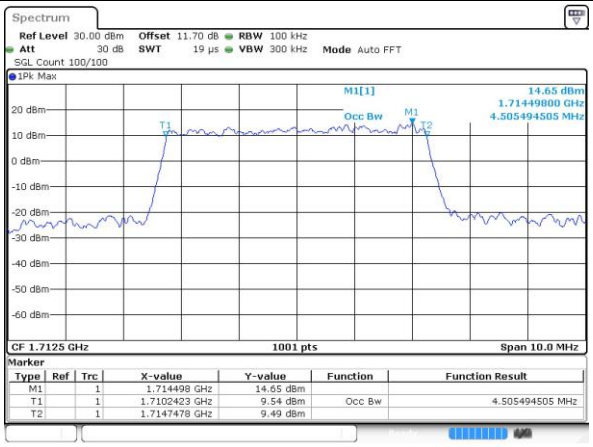


Highest Channel / 3MHz / 16QAM

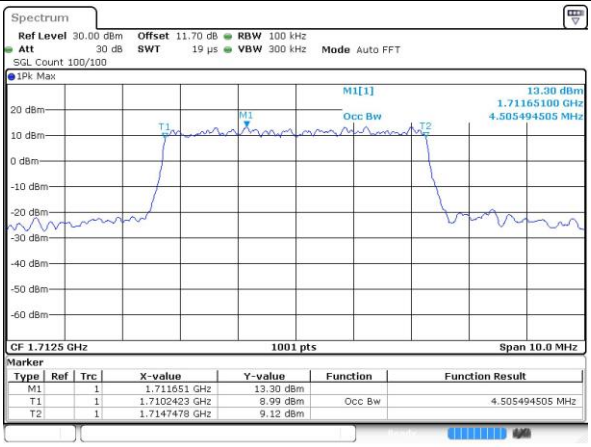


LTE Band 66

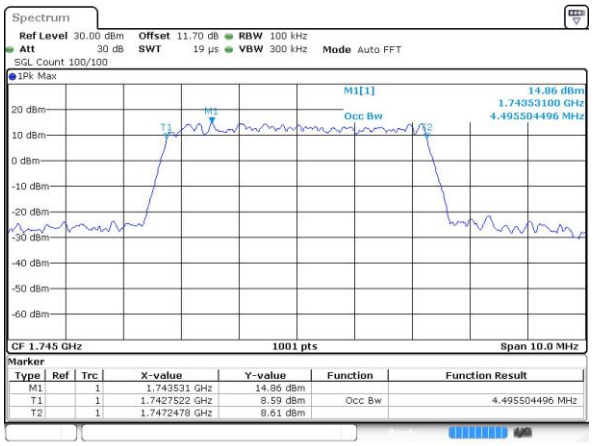
Lowest Channel / 5MHz / QPSK



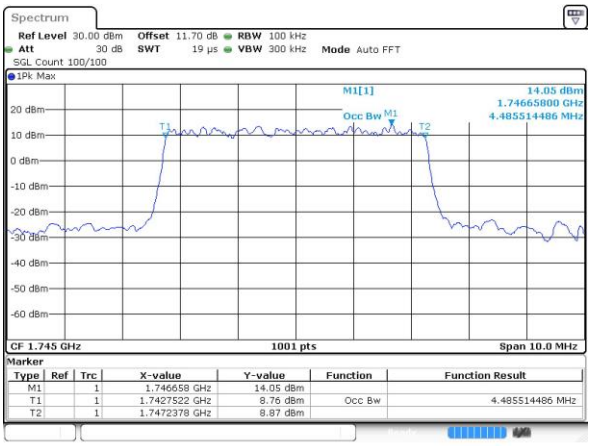
Lowest Channel / 5MHz / 16QAM



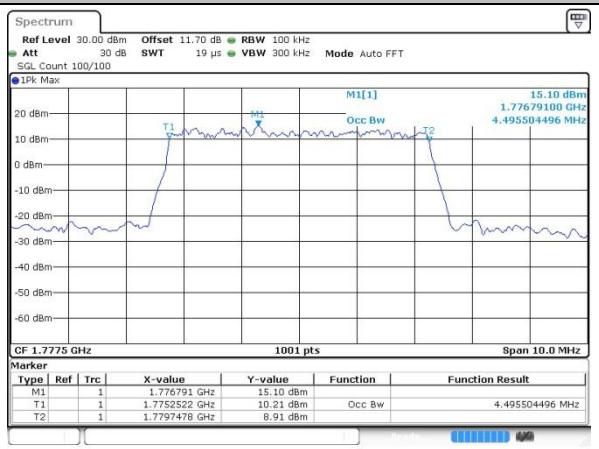
Middle Channel / 5MHz / QPSK



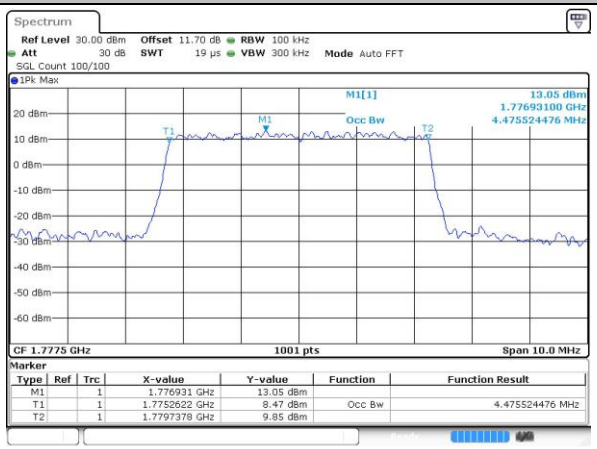
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

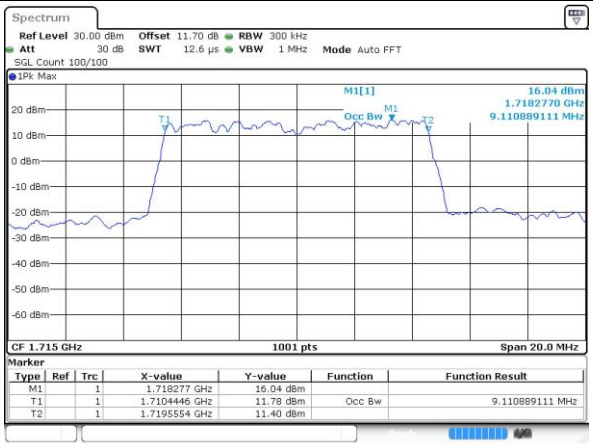


Highest Channel / 5MHz / 16QAM

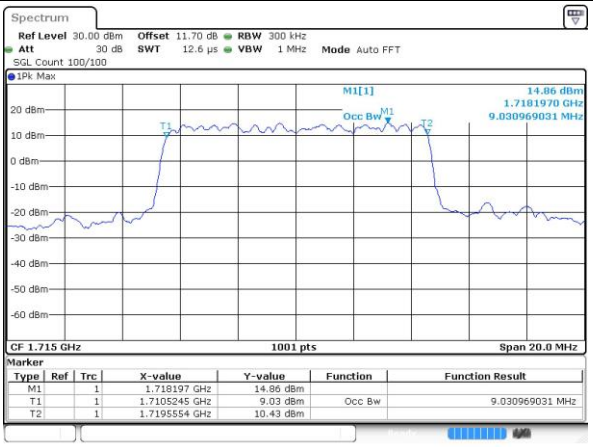


LTE Band 66

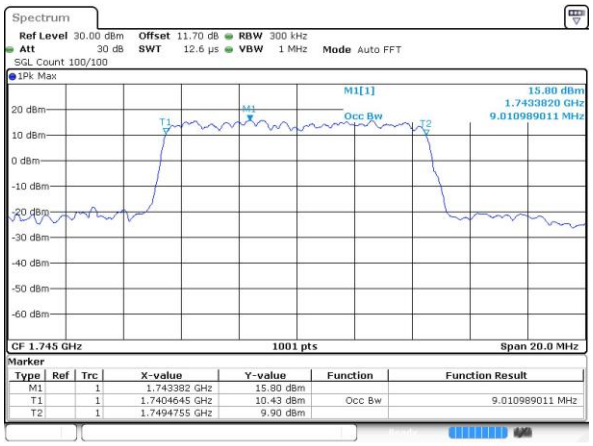
Lowest Channel / 10MHz / QPSK



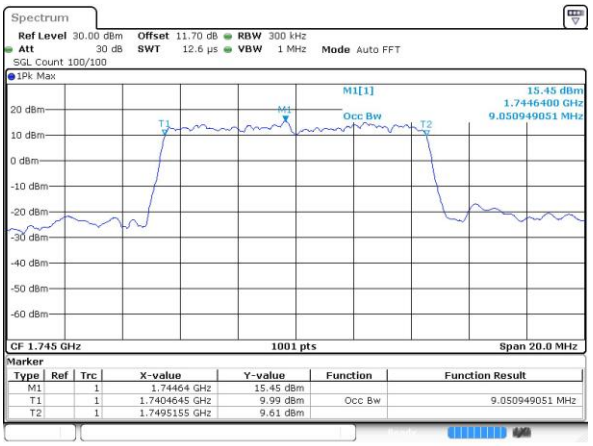
Lowest Channel / 10MHz / 16QAM



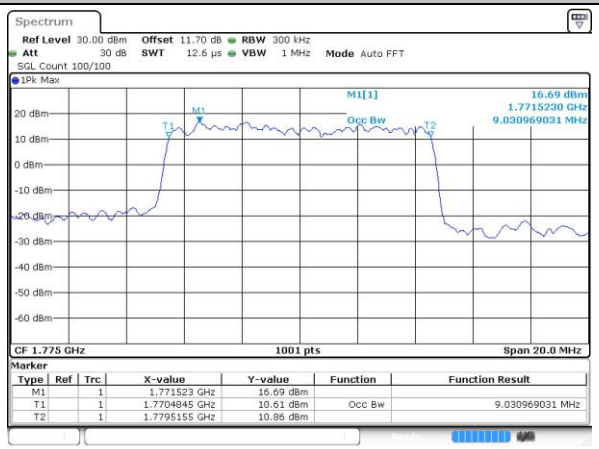
Middle Channel / 10MHz / QPSK



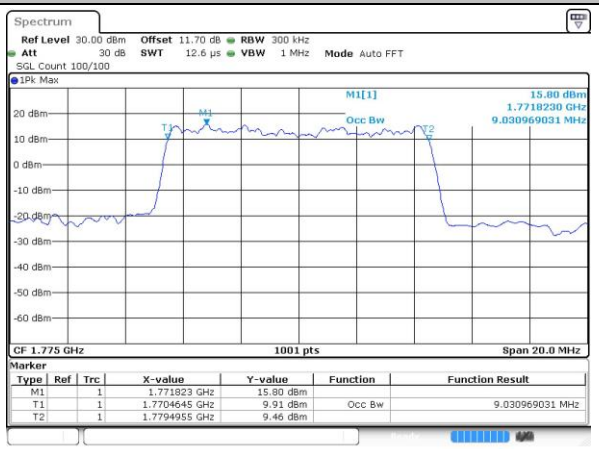
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

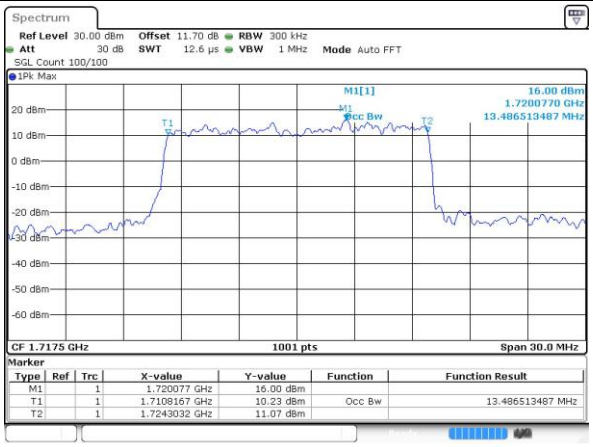


Highest Channel / 10MHz / 16QAM



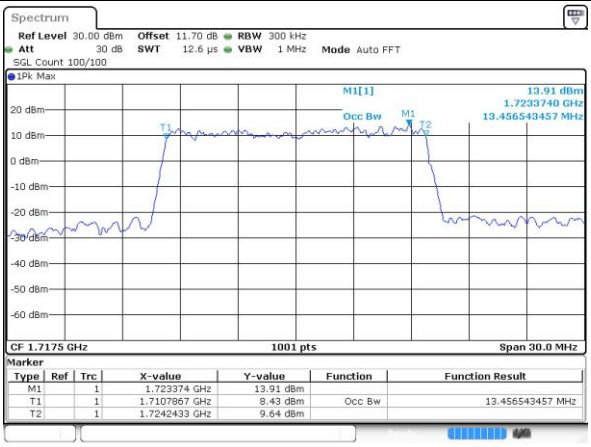
LTE Band 66

Lowest Channel / 15MHz / QPSK



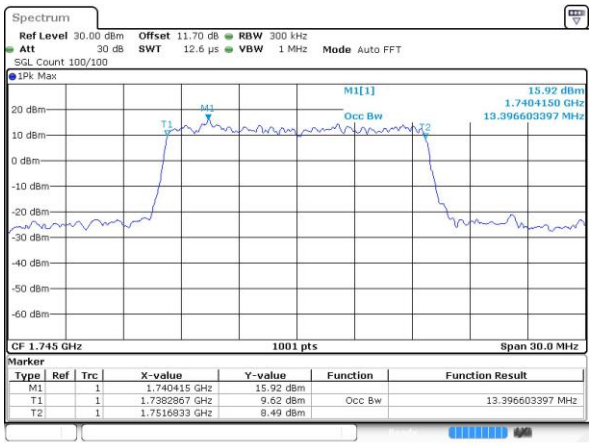
Date: 16.OCT.2018 11:10:12

Lowest Channel / 15MHz / 16QAM



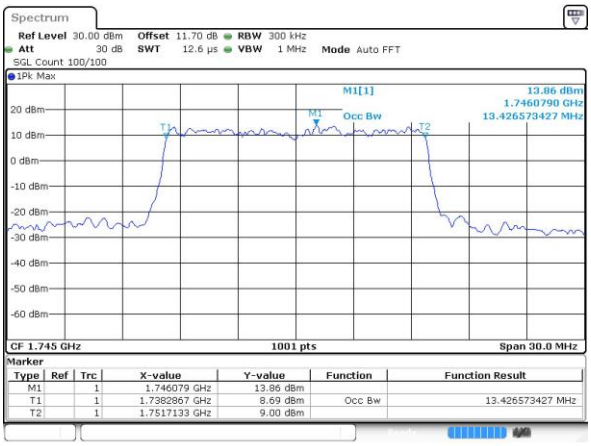
Date: 16.OCT.2018 11:10:24

Middle Channel / 15MHz / QPSK



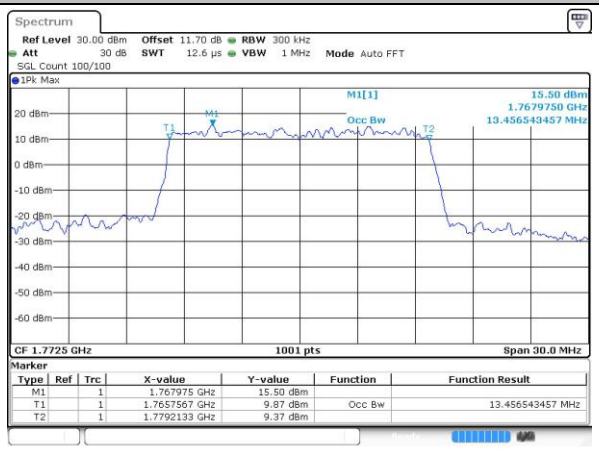
Date: 16.OCT.2018 11:16:01

Middle Channel / 15MHz / 16QAM



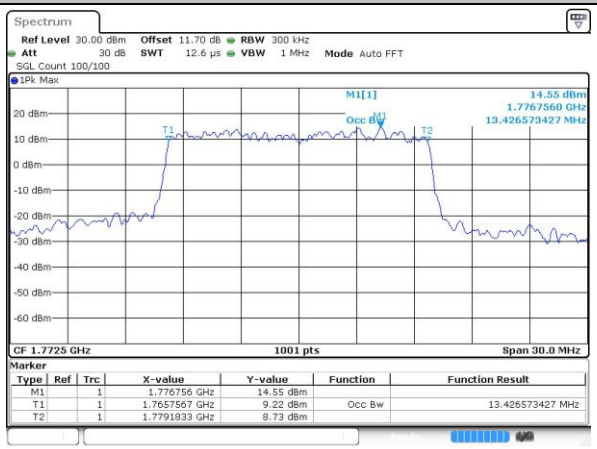
Date: 16.OCT.2018 11:16:12

Highest Channel / 15MHz / QPSK



Date: 16.OCT.2018 11:18:28

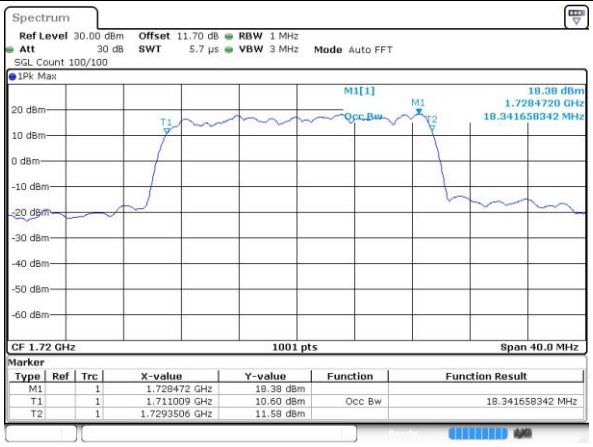
Highest Channel / 15MHz / 16QAM



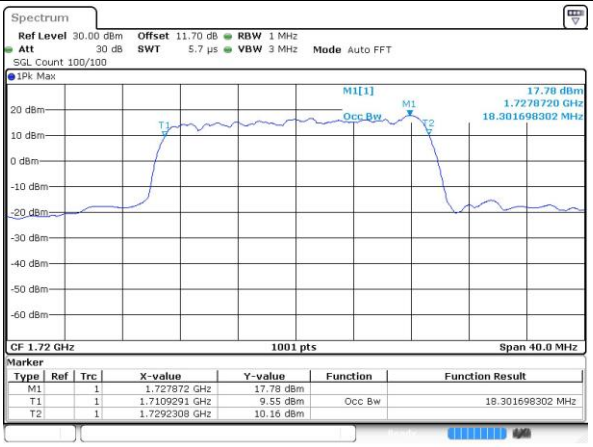
Date: 16.OCT.2018 11:18:40

LTE Band 66

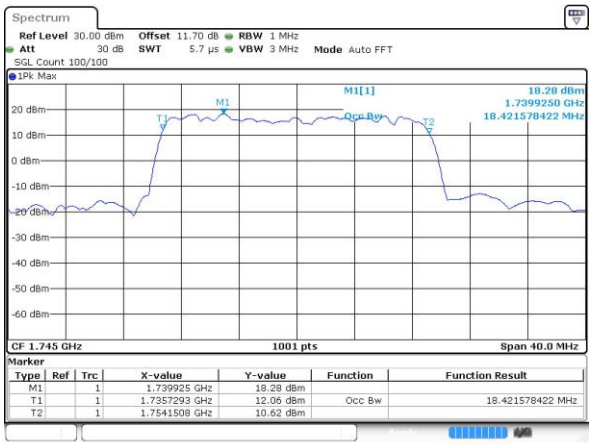
Lowest Channel / 20MHz / QPSK



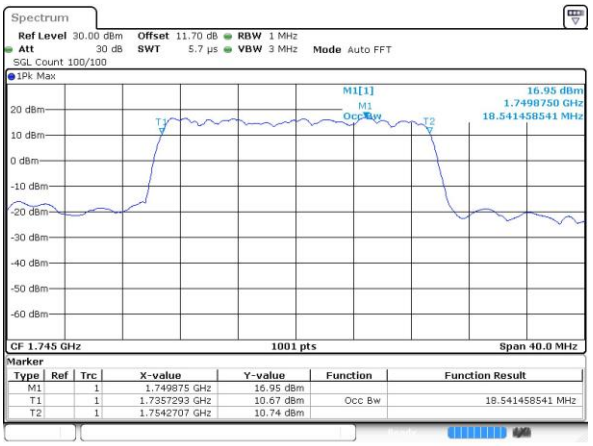
Lowest Channel / 20MHz / 16QAM



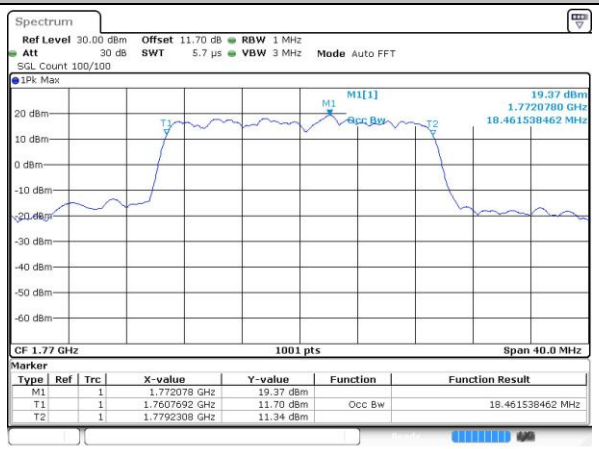
Middle Channel / 20MHz / QPSK



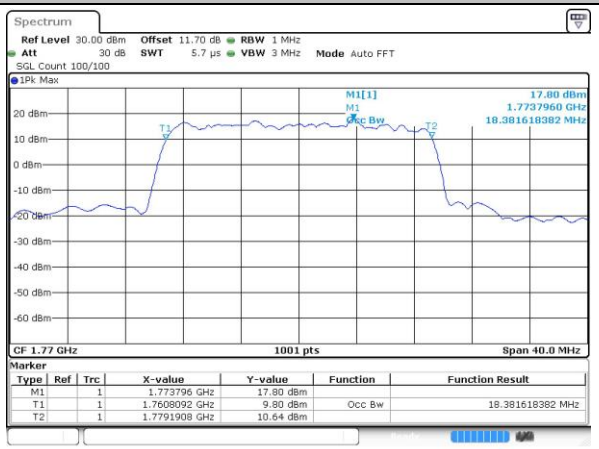
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

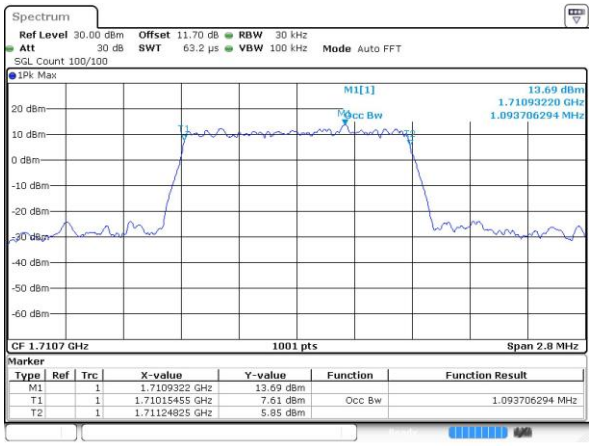


Highest Channel / 20MHz / 16QAM



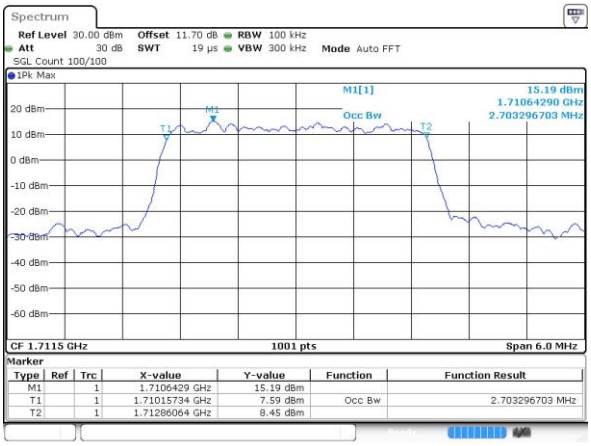
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



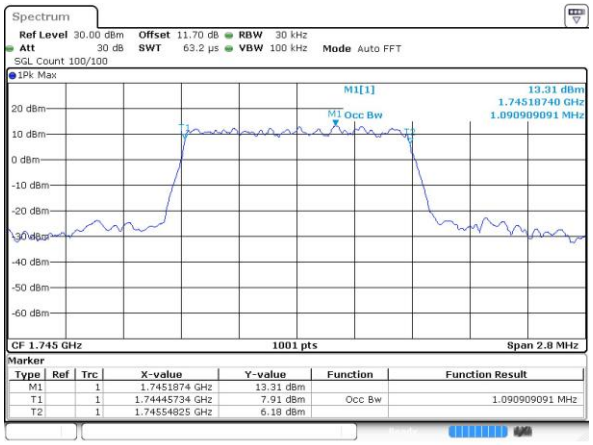
Date: 18.OCT.2018 20:34:30

Lowest Channel / 3MHz / 64QAM



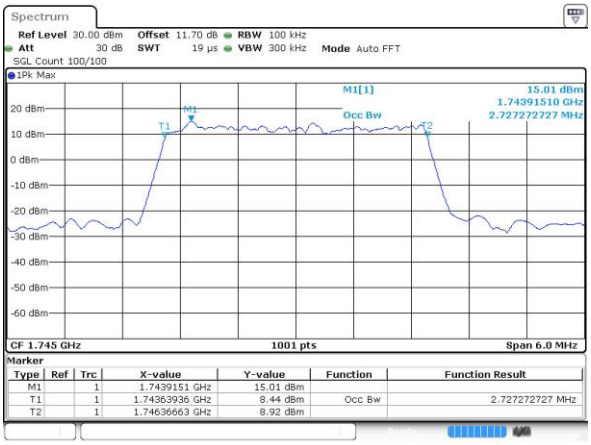
Date: 18.OCT.2018 20:47:28

Middle Channel / 20MHz / 64QAM



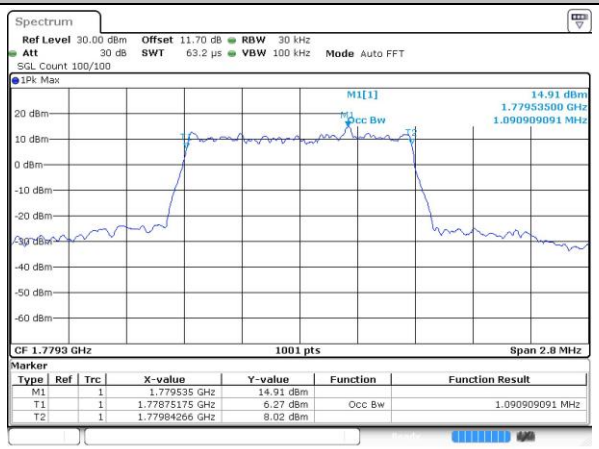
Date: 18.OCT.2018 20:37:55

Middle Channel / 3MHz / 64QAM



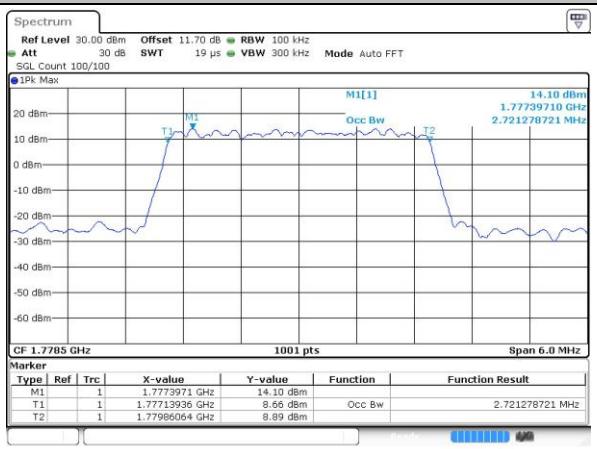
Date: 18.OCT.2018 20:50:52

Highest Channel / 20MHz / 64QAM



Date: 18.OCT.2018 20:38:59

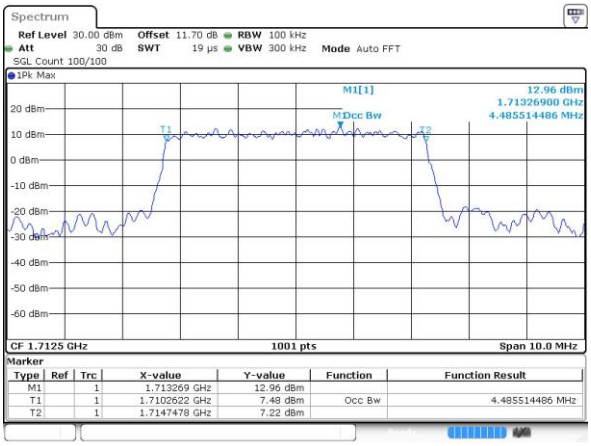
Highest Channel / 3MHz / 64QAM



Date: 18.OCT.2018 20:51:56

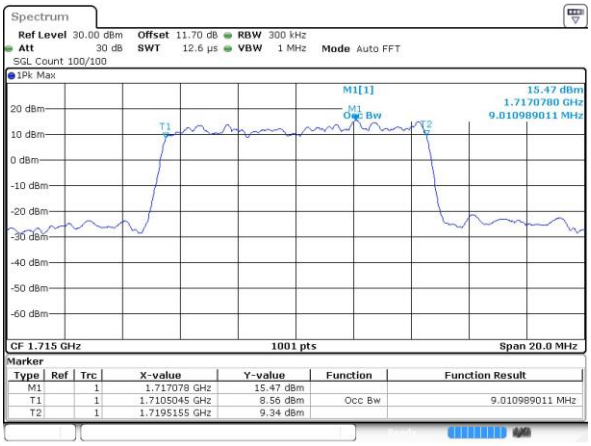
LTE Band 66

Lowest Channel / 5MHz / 64QAM



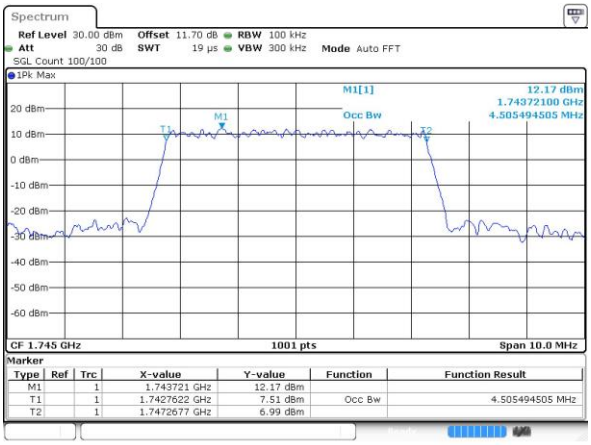
Date: 18.OCT.2018 20:55:20

Lowest Channel / 10MHz / 64QAM



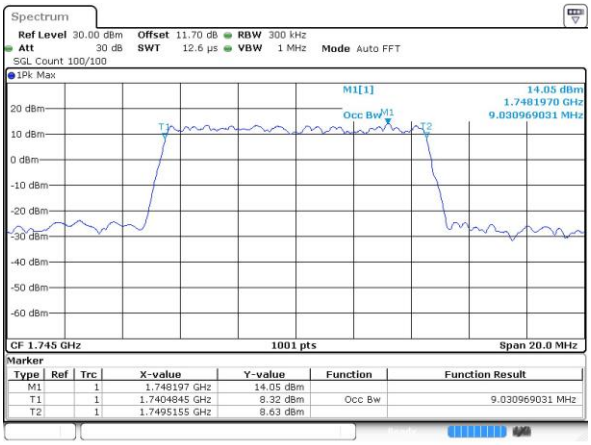
Date: 18.OCT.2018 21:03:13

Middle Channel / 5MHz / 64QAM



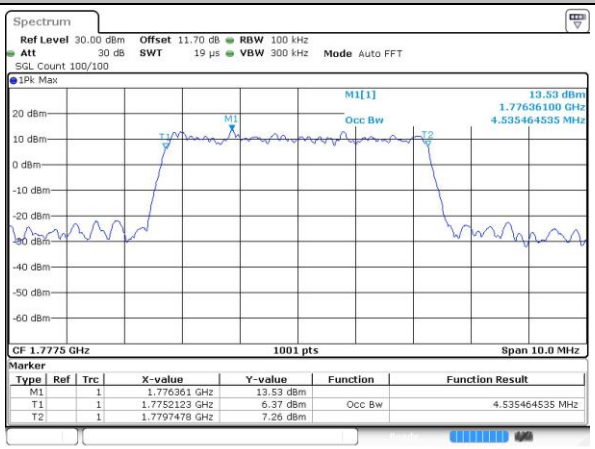
Date: 18.OCT.2018 20:58:44

Middle Channel / 10MHz / 64QAM



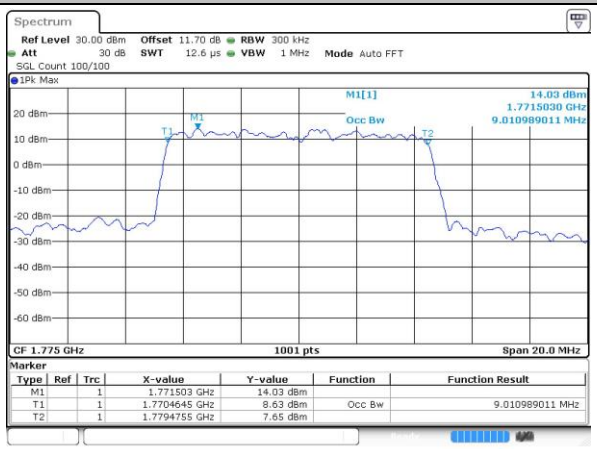
Date: 18.OCT.2018 21:06:37

Highest Channel / 5MHz / 64QAM



Date: 18.OCT.2018 20:59:48

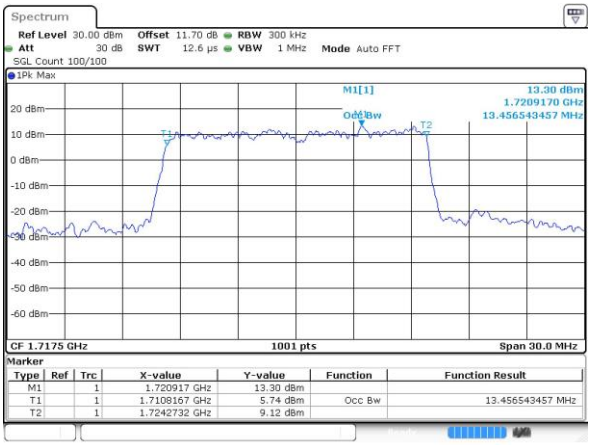
Highest Channel / 10MHz / 64QAM



Date: 18.OCT.2018 21:07:41

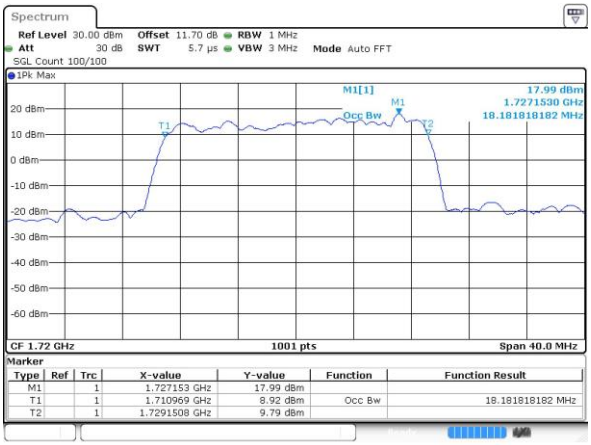
LTE Band 66

Lowest Channel / 15MHz / 64QAM



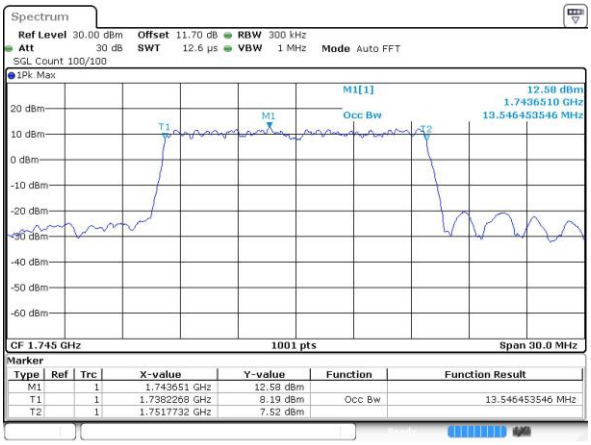
Date: 18.OCT.2018 21:11:05

Lowest Channel / 20MHz / 64QAM



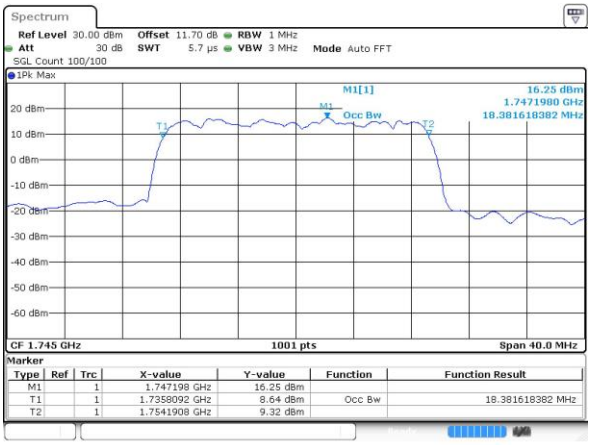
Date: 18.OCT.2018 21:18:58

Middle Channel / 15MHz / 64QAM



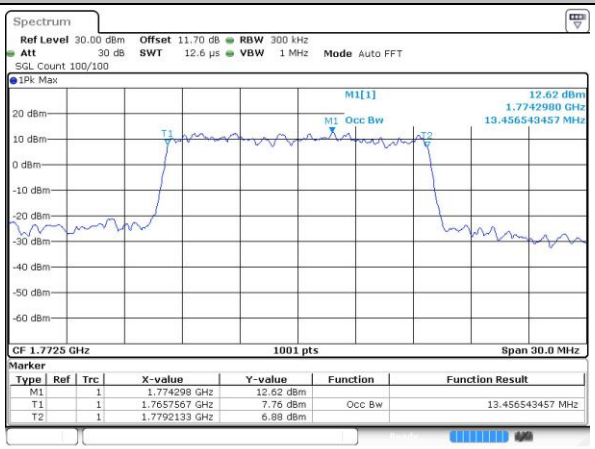
Date: 18.OCT.2018 21:14:30

Middle Channel / 20MHz / 64QAM



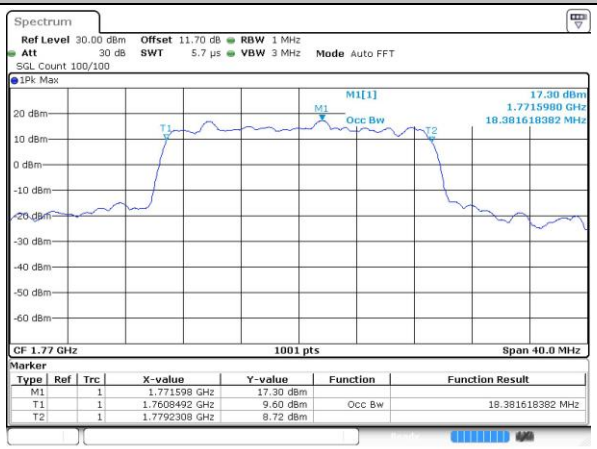
Date: 18.OCT.2018 21:22:22

Highest Channel / 15MHz / 64QAM



Date: 18.OCT.2018 21:15:33

Highest Channel / 20MHz / 64QAM



Date: 18.OCT.2018 21:23:26

Conducted Band Edge

Mode			LTE Band 66 / 1.4MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≦-13	0~1MHz	-26.45	-29.94	-27.11	-28.73	-30.04	-31.4
	≦-13	>1MHz	-25.24	-20.71	-26.56	-21.5	-30.17	-22.57
Highest CH	≦-13	0~1MHz	-22.75	-28.68	-24.56	-29.28	-28.5	-32.65
	≦-13	>1MHz	-18.4	-19.03	-19.41	-21.89	-21.75	-24.75
Result		Compliance						

Mode			LTE Band 66 / 3MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≦-13	0~1MHz	-20.05	-27.39	-20.2	-29.23	-23.73	-31.92
	≦-13	>1MHz	-23.47	-15.69	-23.39	-21.6	-24.92	-23.86
Highest CH	≦-13	0~1MHz	-20.62	-22.7	-20.27	-28.9	-23.04	-30.98
	≦-13	>1MHz	-20.47	-22.46	-20.91	-22.82	-21.88	-22.73
Result		Compliance						

Mode			LTE Band 66 / 5MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≦-13	0~1MHz	-23.54	-30.52	-23.53	-30.41	-26.83	-31.25
	≦-13	>1MHz	-22.52	-22.48	-22.72	-22.7	-24.28	-24.48
Highest CH	≦-13	0~1MHz	-24.18	-29.86	-24.31	-31.49	-26.06	-31.87
	≦-13	>1MHz	-21.23	-23.23	-21.61	-24.36	-23.66	-26.69
Result		Compliance						

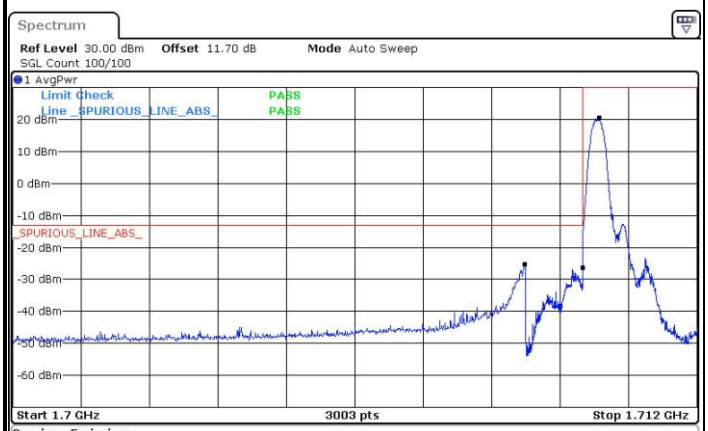
Mode			LTE Band 66 / 10MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≦-13	0~1MHz	-29.73	-32.13	-29.77	-34.21	-33.49	-36.33
	≦-13	>1MHz	-21.62	-25.58	-22.91	-26.19	-24.56	-27.69
Highest CH	≦-13	0~1MHz	-29.51	-32.39	-30.35	-33.53	-33.26	-36.13
	≦-13	>1MHz	-21.8	-26.35	-22	-27.04	-23.89	-28.57
Result		Compliance						

Mode			LTE Band 66 / 15MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≦-13	0~1MHz	-29.21	-31.59	-28.81	-29.99	-33.46	-35.27
	≦-13	>1MHz	-21.25	-23.72	-22.23	-26.3	-24.68	-28.07
Highest CH	≦-13	0~1MHz	-31.27	-31.88	-30.16	-31.02	-33.15	-34.52
	≦-13	>1MHz	-21.61	-26.35	-22.32	-26.25	-24.07	-27.51
Result		Compliance						

Mode			LTE Band 66 / 20MHz					
Mod.			QPSK		16QAM		64QAM	
Limit (dBm)		RB Size	1RB	Full RB	1RB	Full RB	1RB	Full RB
Lowest CH	≦-13	0~1MHz	-31.01	-30.16	-32.33	-31.76	-34.47	-34.22
	≦-13	>1MHz	-22.45	-25.24	-23.17	-26.73	-25.73	-28.05
Highest CH	≦-13	0~1MHz	-30.84	-29.37	-30.32	-30.07	-32.45	-31.71
	≦-13	>1MHz	-21.73	-24.05	-22.16	-24.5	-24.37	-26.13
Result		Compliance						

LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

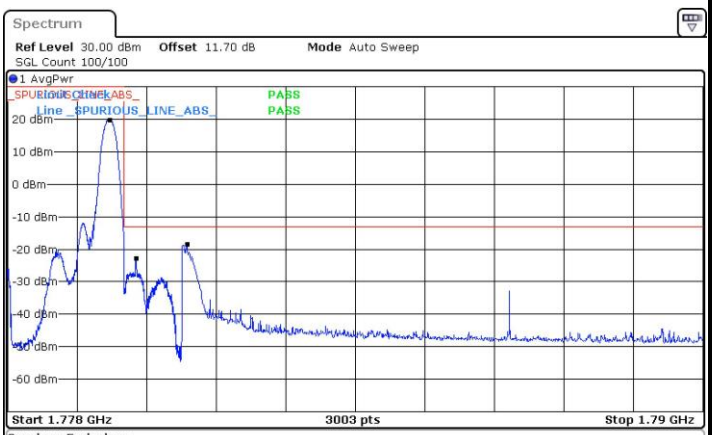


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-25.24 dBm	-12.24 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-26.45 dBm	-13.45 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71028 GHz	20.43 dBm	-9.57 dB

Date: 16.OCT.2018 16:04:11

Highest Band Edge / 1RB

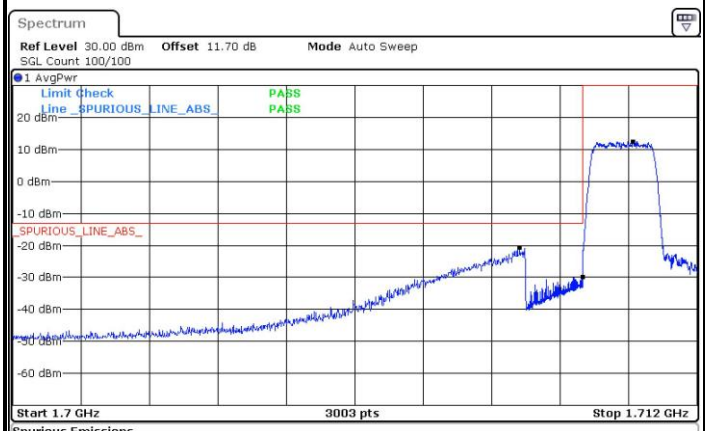


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77977 GHz	19.80 dBm	-10.20 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78021 GHz	-22.75 dBm	-9.75 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-18.40 dBm	-5.40 dB

Date: 16.OCT.2018 16:05:41

Lowest Band Edge / Full RB

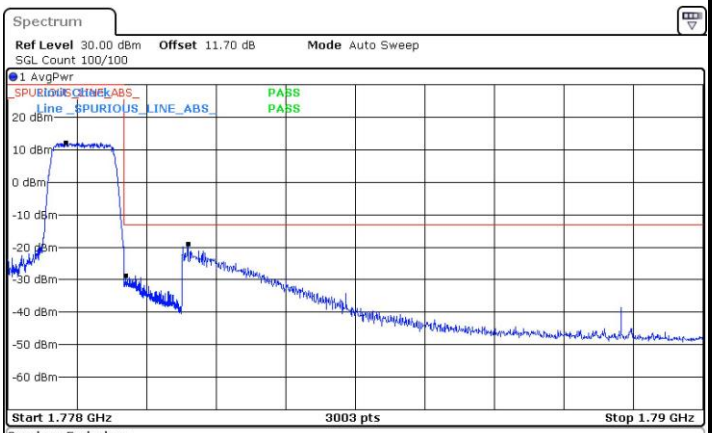


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70889 GHz	-20.71 dBm	-7.71 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-29.94 dBm	-16.94 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71088 GHz	12.49 dBm	-17.51 dB

Date: 16.OCT.2018 15:50:34

Highest Band Edge / Full RB



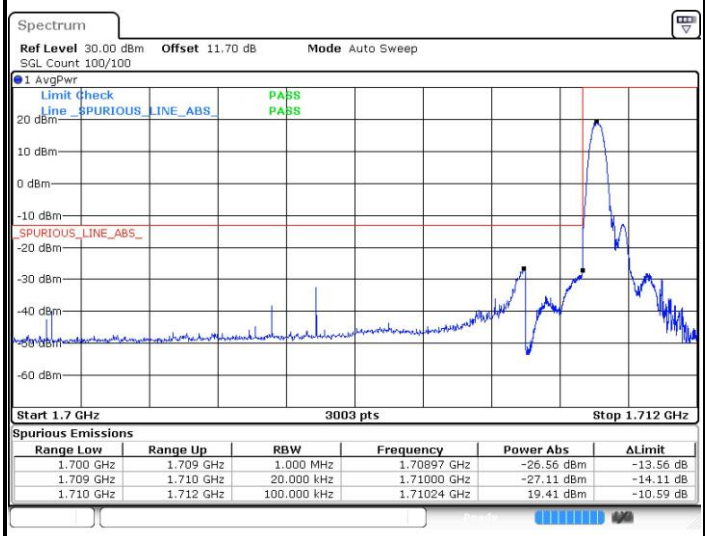
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77900 GHz	12.21 dBm	-17.79 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78003 GHz	-28.68 dBm	-15.68 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78111 GHz	-19.03 dBm	-6.03 dB

Date: 16.OCT.2018 16:00:10

LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

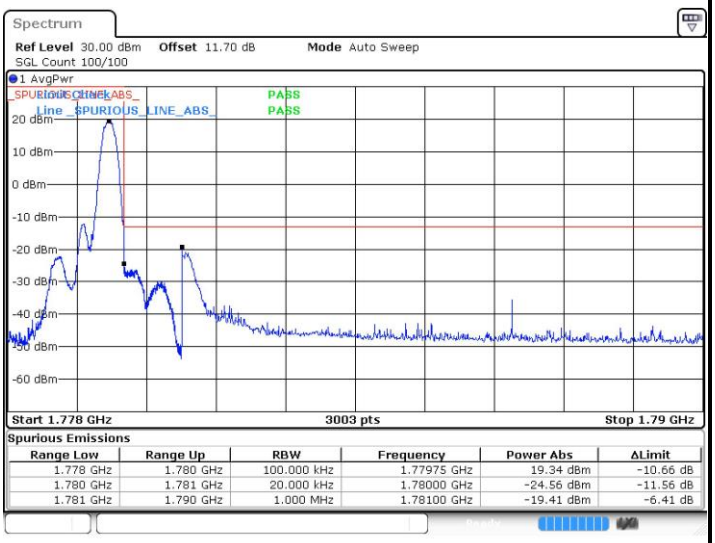


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-26.56 dBm	-13.56 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-27.11 dBm	-14.11 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71024 GHz	19.41 dBm	-10.59 dB

Date: 16.OCT.2018 15:49:14

Highest Band Edge / 1 RB

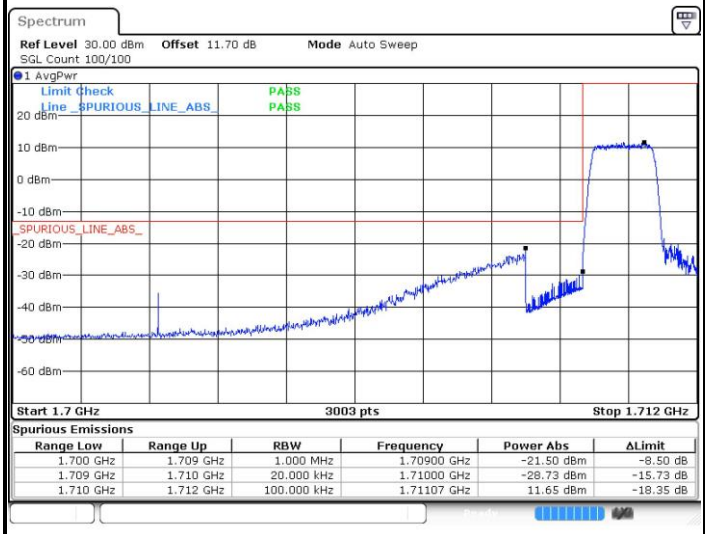


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77975 GHz	19.34 dBm	-10.66 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78000 GHz	-24.56 dBm	-11.56 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-19.41 dBm	-6.41 dB

Date: 16.OCT.2018 15:58:50

Lowest Band Edge / Full RB

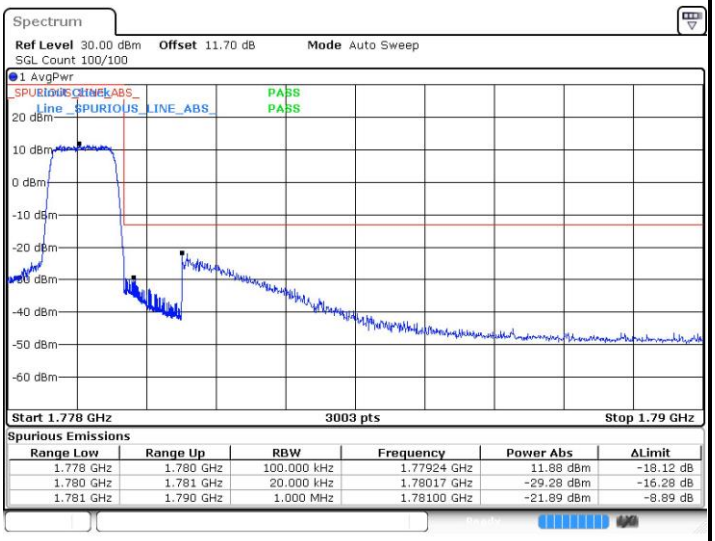


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70900 GHz	-21.50 dBm	-8.50 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-28.73 dBm	-15.73 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71107 GHz	11.65 dBm	-18.35 dB

Date: 16.OCT.2018 15:51:54

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77924 GHz	11.88 dBm	-18.12 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78017 GHz	-29.28 dBm	-16.28 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78100 GHz	-21.89 dBm	-8.89 dB

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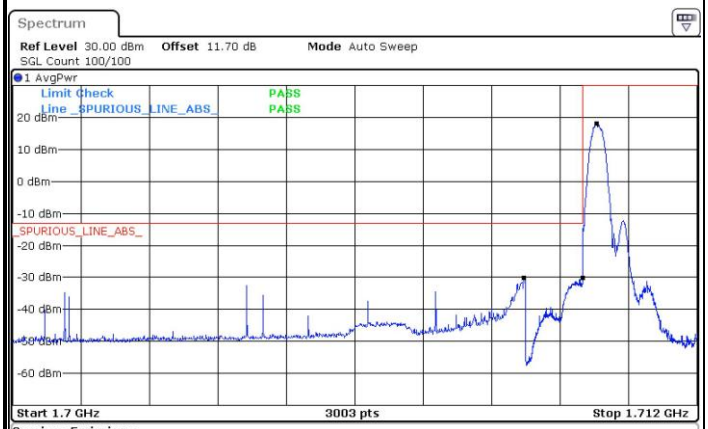
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB

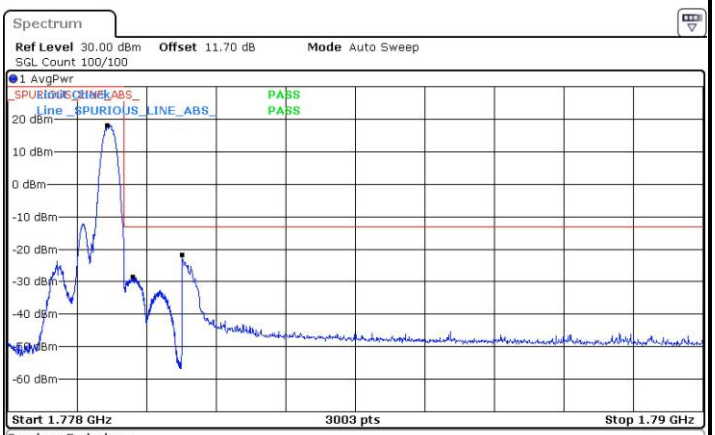


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70897 GHz	-30.17 dBm	-17.17 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.71000 GHz	-30.04 dBm	-17.04 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71023 GHz	18.11 dBm	-11.89 dB

Date: 18.OCT.2018 20:35:52

Highest Band Edge / 1 RB

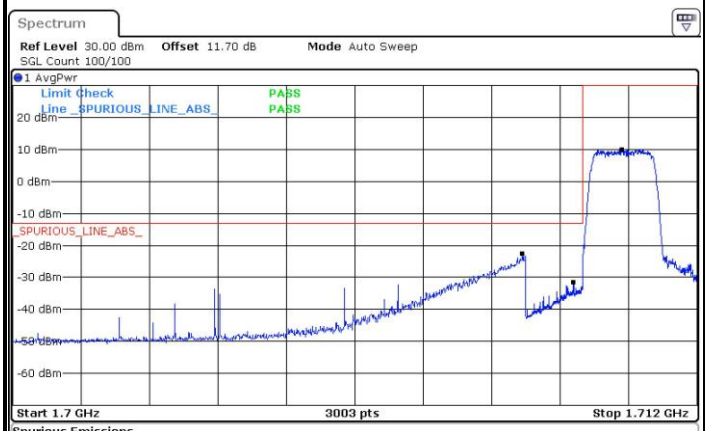


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77972 GHz	18.05 dBm	-11.95 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78015 GHz	-28.50 dBm	-15.50 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78101 GHz	-21.75 dBm	-8.75 dB

Date: 18.OCT.2018 20:40:20

Lowest Band Edge / Full RB

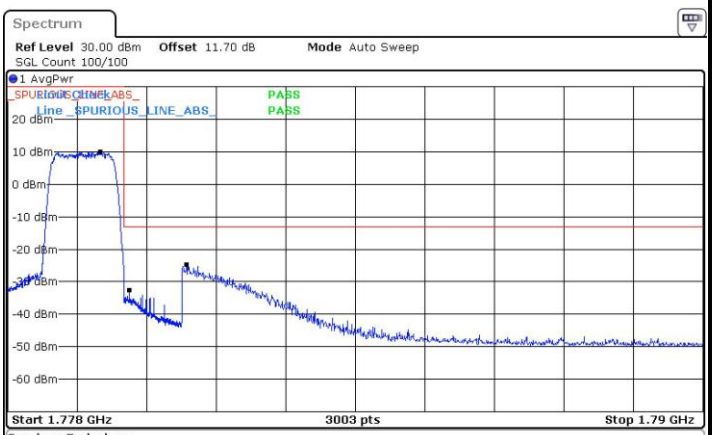


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70892 GHz	-22.57 dBm	-9.57 dB
1.709 GHz	1.710 GHz	20.000 kHz	1.70983 GHz	-31.40 dBm	-18.40 dB
1.710 GHz	1.712 GHz	100.000 kHz	1.71067 GHz	9.82 dBm	-20.18 dB

Date: 18.OCT.2018 20:37:02

Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.778 GHz	1.780 GHz	100.000 kHz	1.77960 GHz	9.89 dBm	-20.11 dB
1.780 GHz	1.781 GHz	20.000 kHz	1.78010 GHz	-32.65 dBm	-19.65 dB
1.781 GHz	1.790 GHz	1.000 MHz	1.78109 GHz	-24.75 dBm	-11.75 dB

Date: 18.OCT.2018 20:41:30