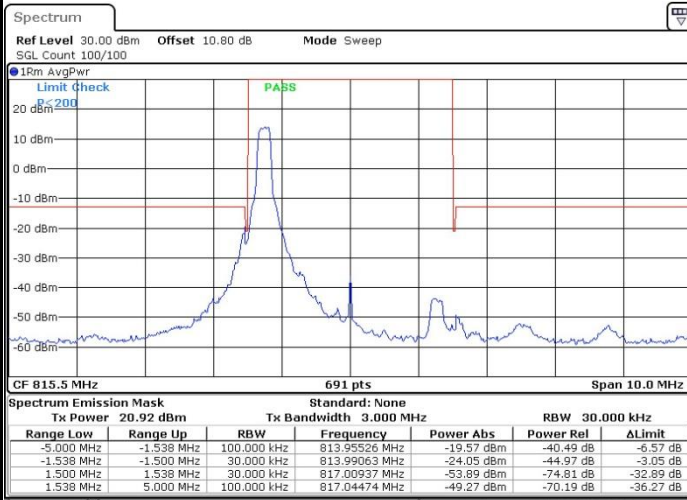




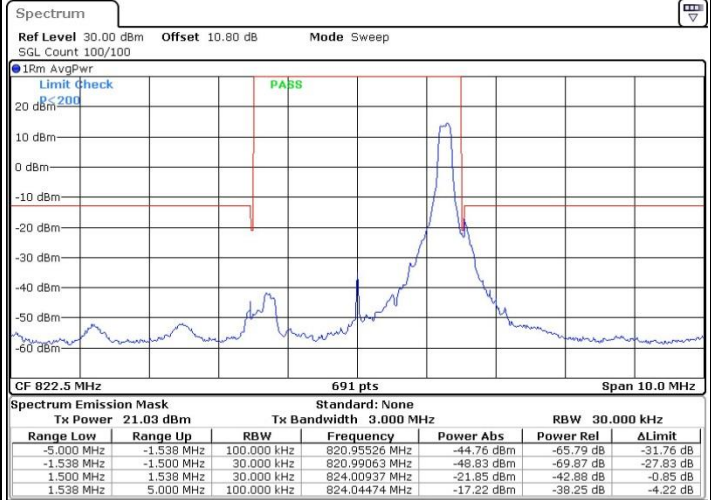
LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB



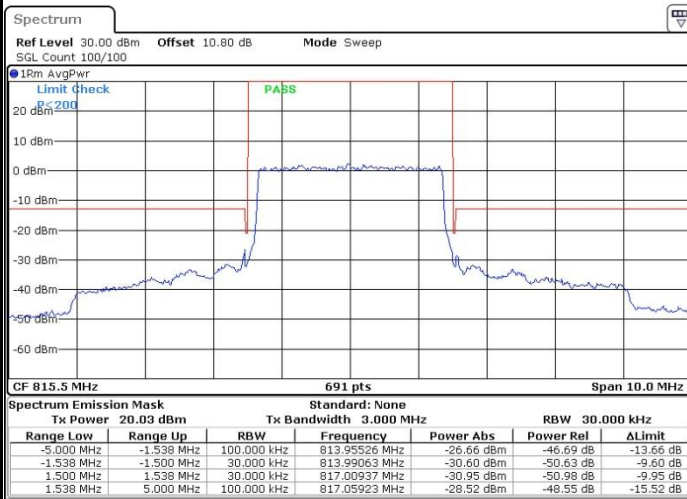
Date: 12.APR.2018 01:05:23

Highest Band Edge / 1 RB



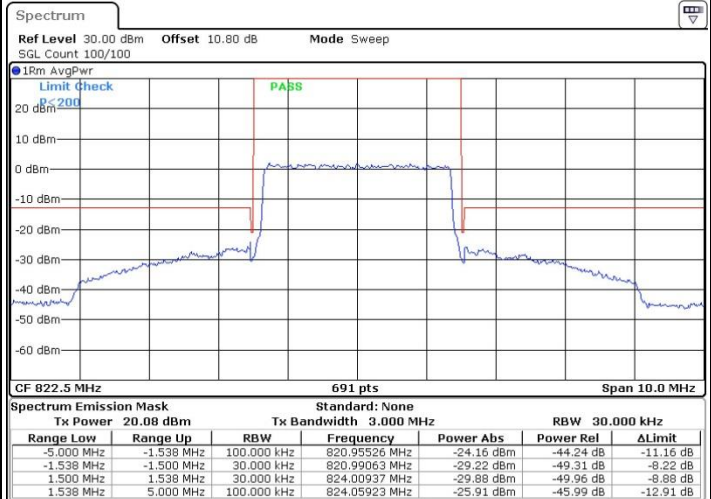
Date: 12.APR.2018 01:07:49

Lowest Band Edge / Full RB



Date: 14.APR.2018 01:16:43

Highest Band Edge / Full RB

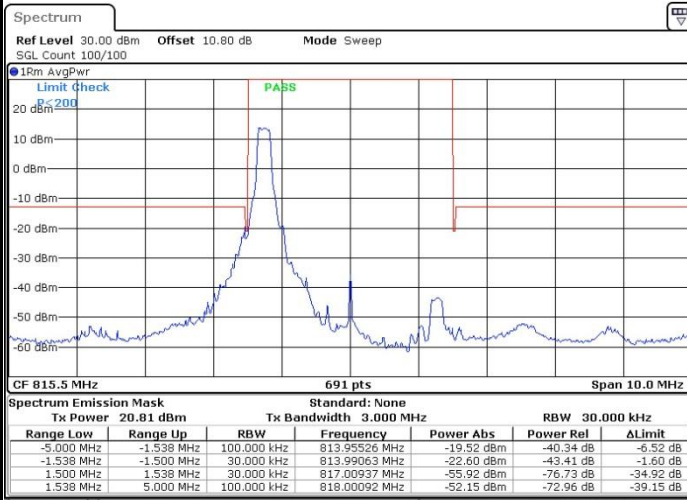


Date: 14.APR.2018 01:19:07



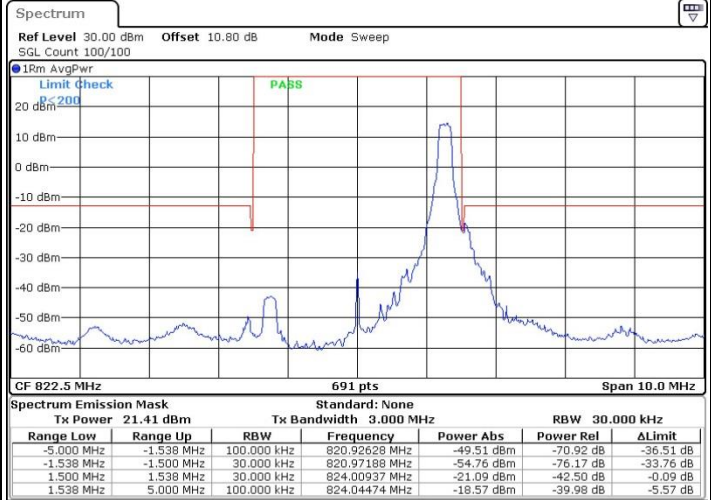
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



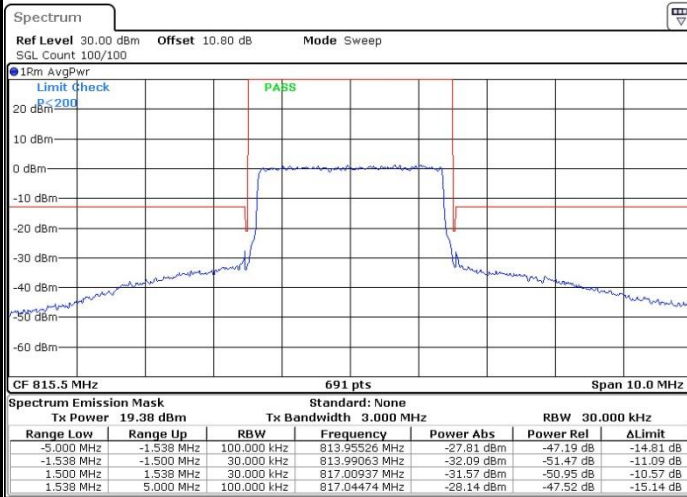
Date: 12.APR.2018 01:06:35

Highest Band Edge / 1 RB



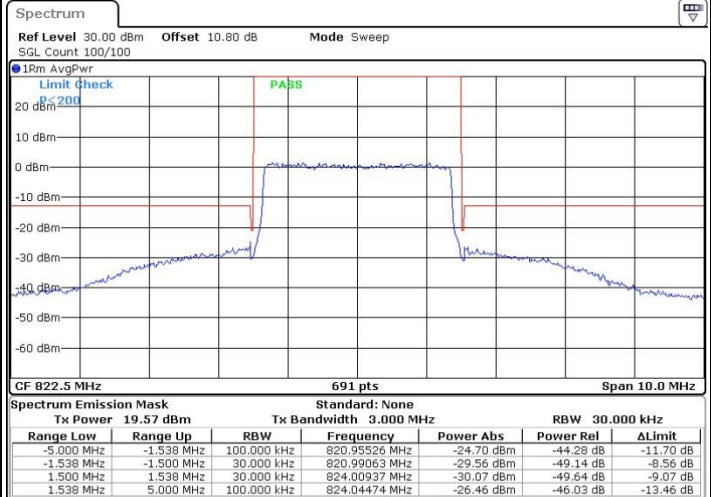
Date: 12.APR.2018 01:09:01

Lowest Band Edge / Full RB



Date: 14.APR.2018 01:17:55

Highest Band Edge / Full RB

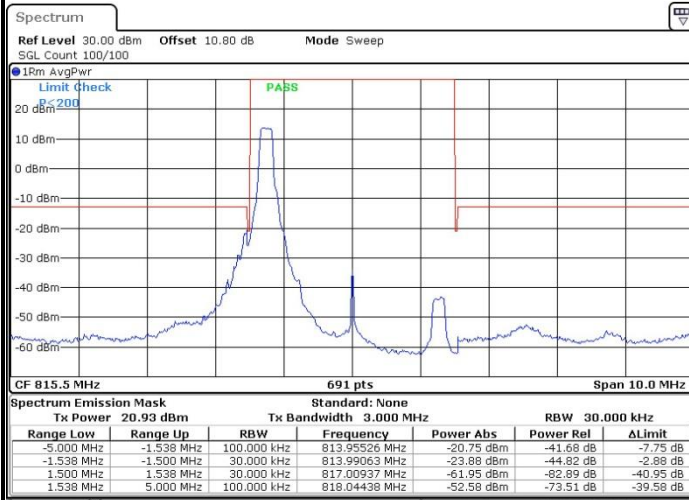


Date: 14.APR.2018 01:20:20



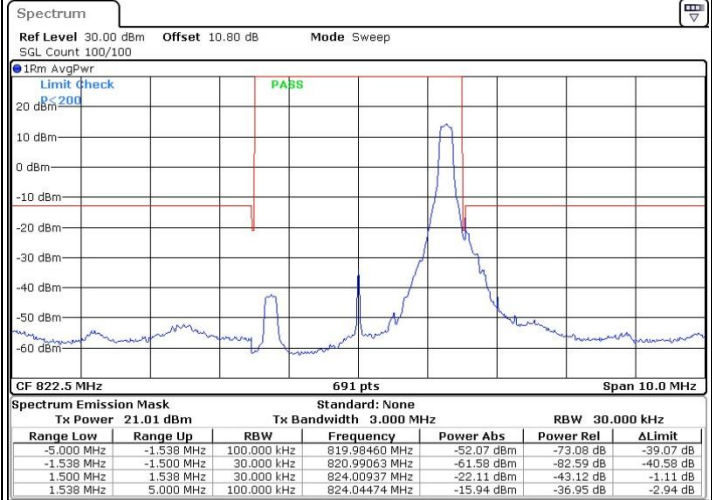
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



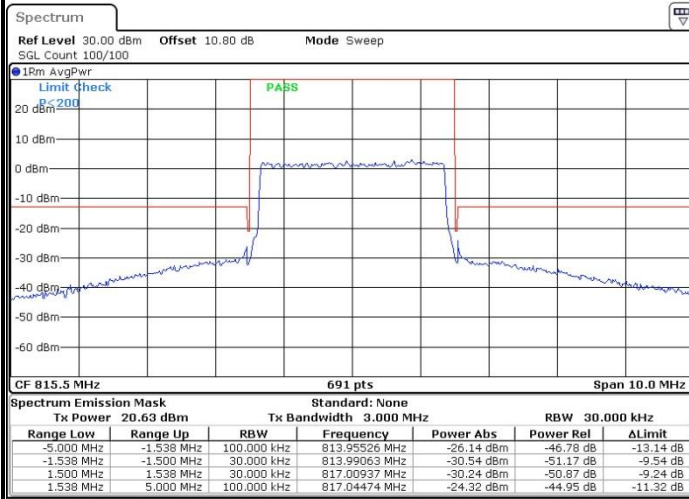
Date: 12.APR.2018 01:12:36

Highest Band Edge / 1 RB



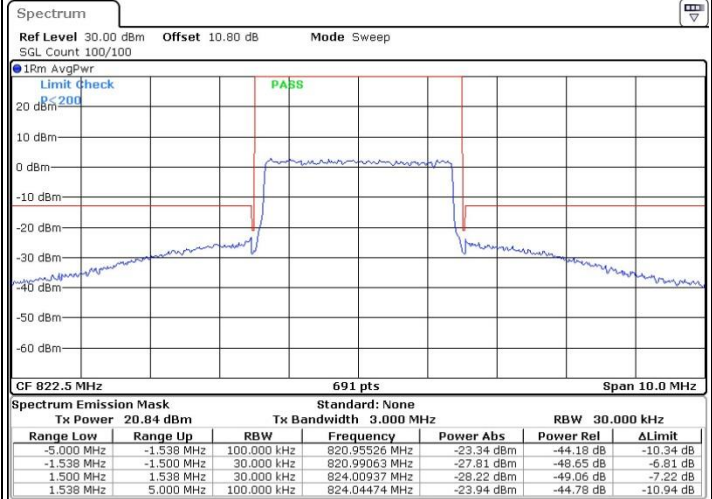
Date: 12.APR.2018 01:13:48

Lowest Band Edge / Full RB



Date: 14.APR.2018 01:23:53

Highest Band Edge / Full RB

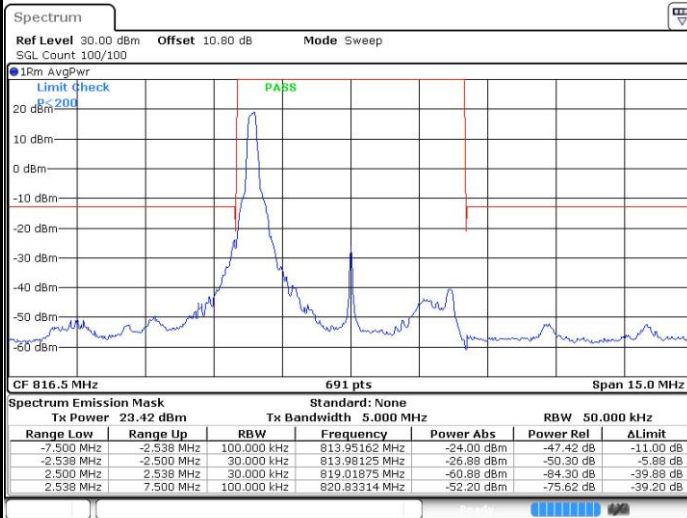


Date: 14.APR.2018 01:25:06



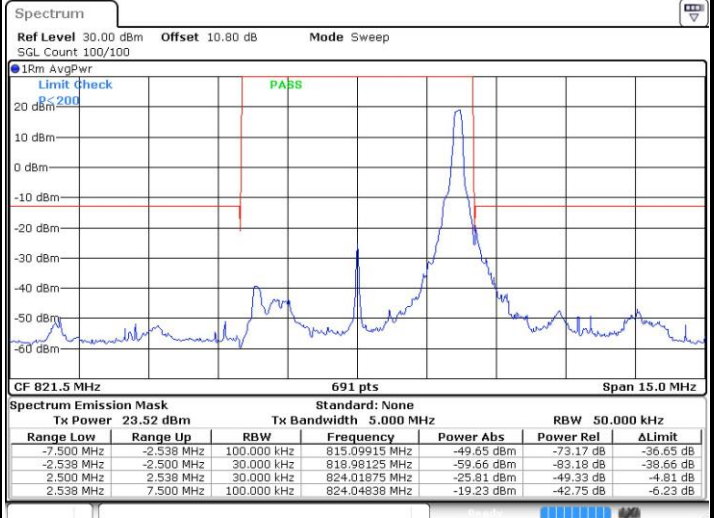
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



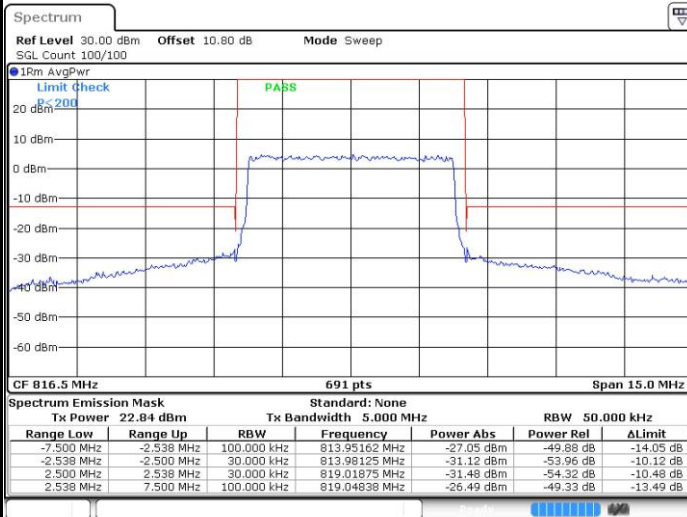
Date: 3 APR 2018 03:48:13

Highest Band Edge / 1 RB



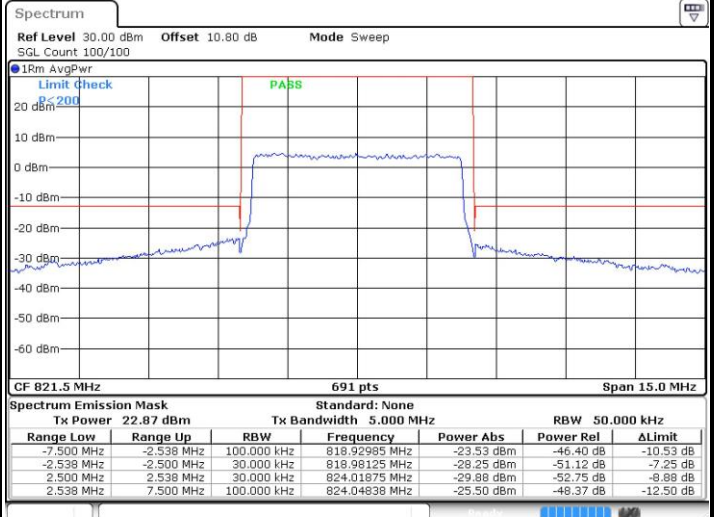
Date: 3 APR 2018 03:52:46

Lowest Band Edge / Full RB



Date: 3 APR 2018 03:50:29

Highest Band Edge / Full RB

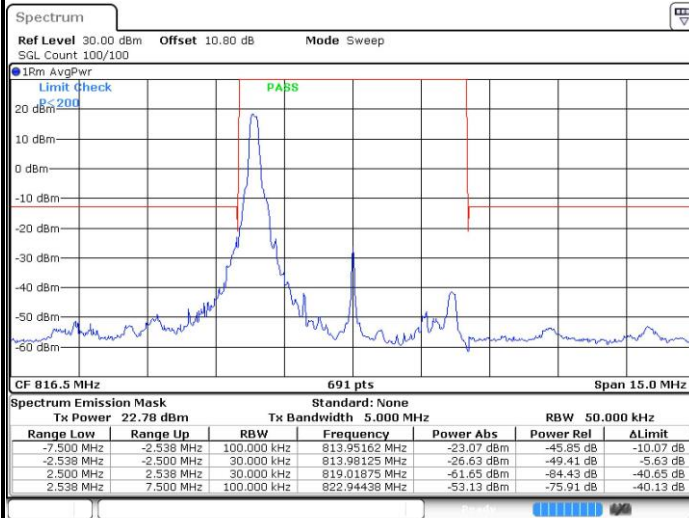


Date: 3 APR 2018 03:55:02



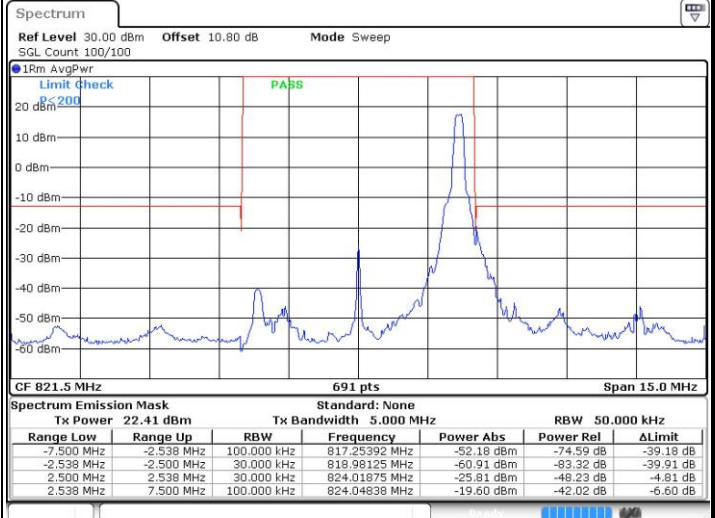
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



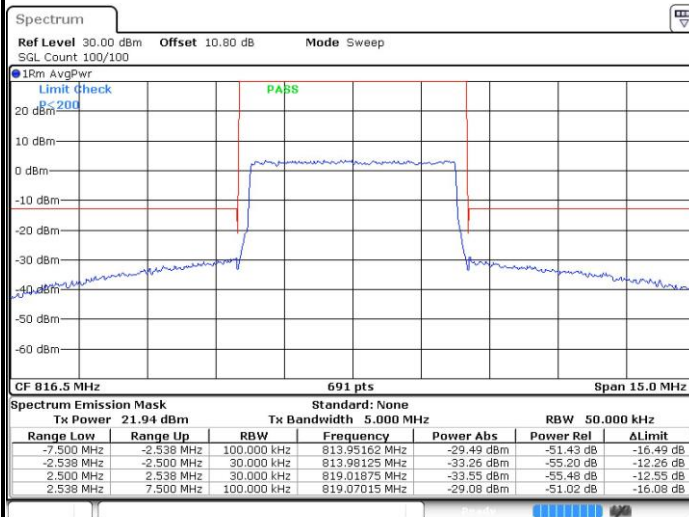
Date: 3 APR 2018 03:49:21

Highest Band Edge / 1 RB



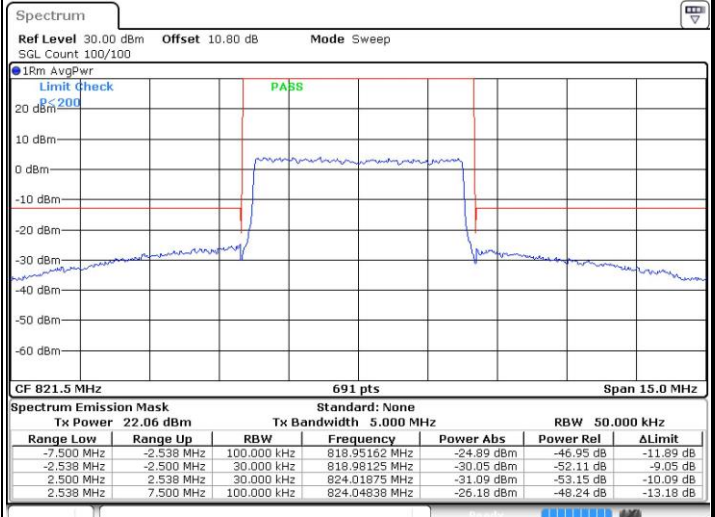
Date: 3 APR 2018 03:53:54

Lowest Band Edge / Full RB



Date: 3 APR 2018 03:51:38

Highest Band Edge / Full RB

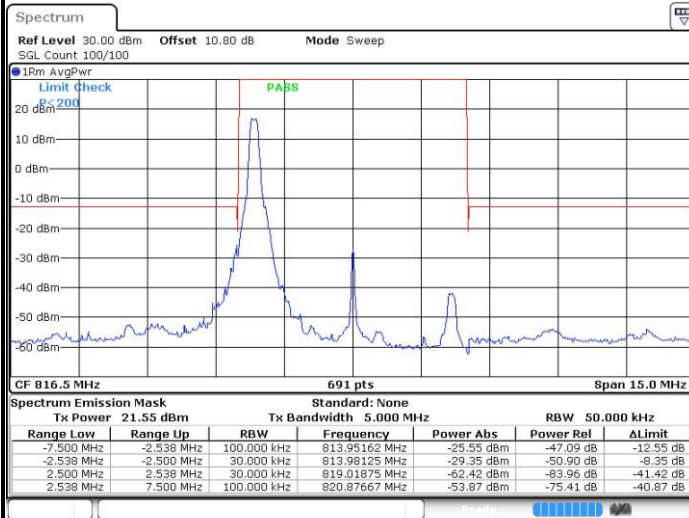


Date: 3 APR 2018 03:56:11



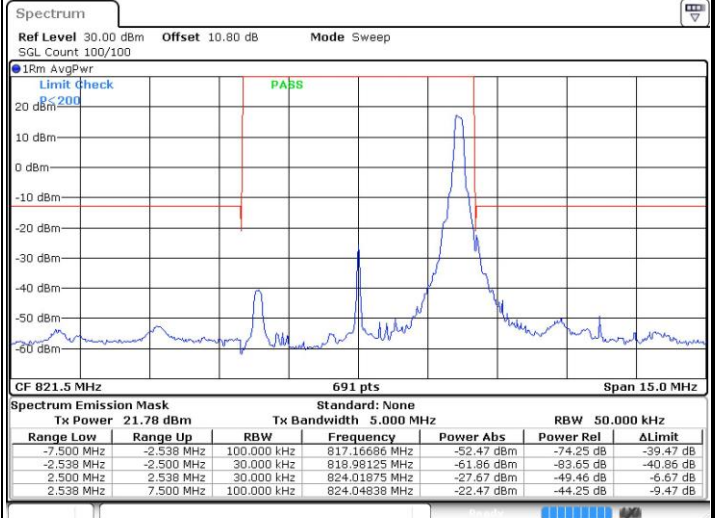
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



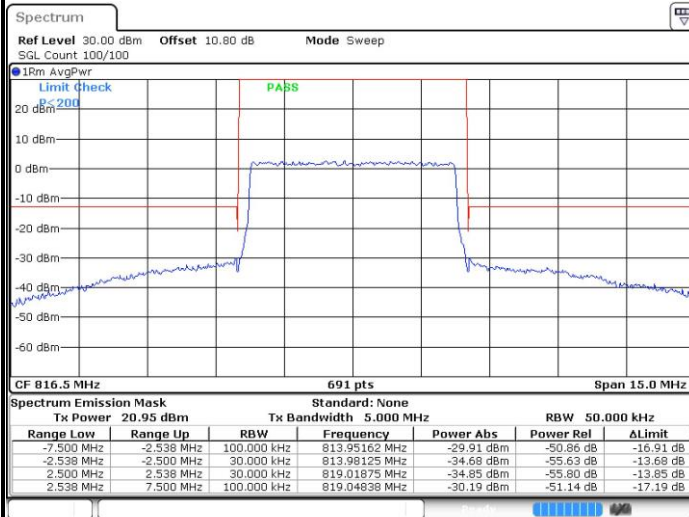
Date: 3 APR 2018 03:00:31

Highest Band Edge / 1 RB



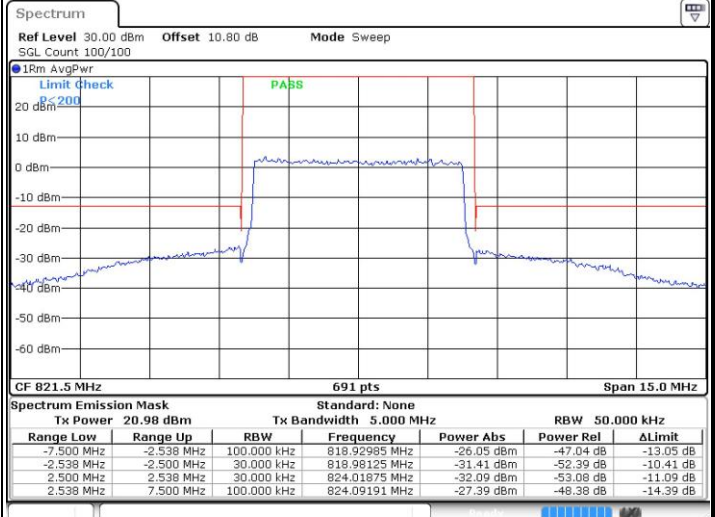
Date: 3 APR 2018 03:02:48

Lowest Band Edge / Full RB



Date: 3 APR 2018 03:01:39

Highest Band Edge / Full RB

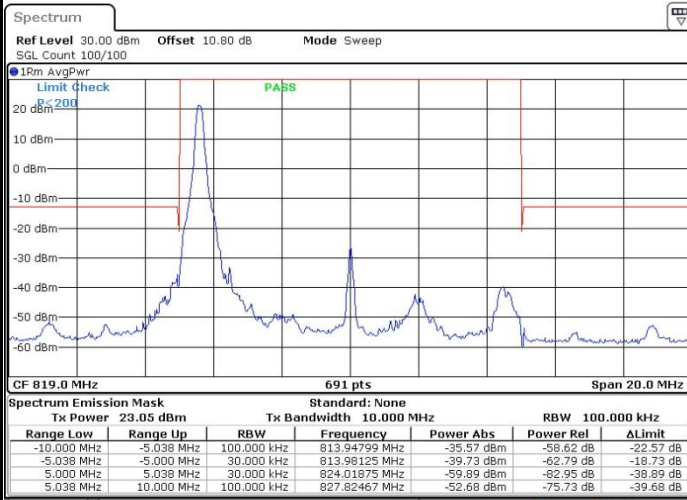


Date: 3 APR 2018 03:03:56



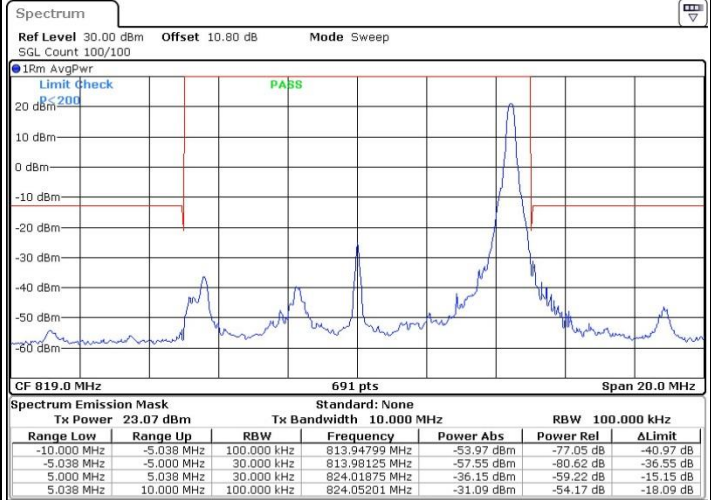
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



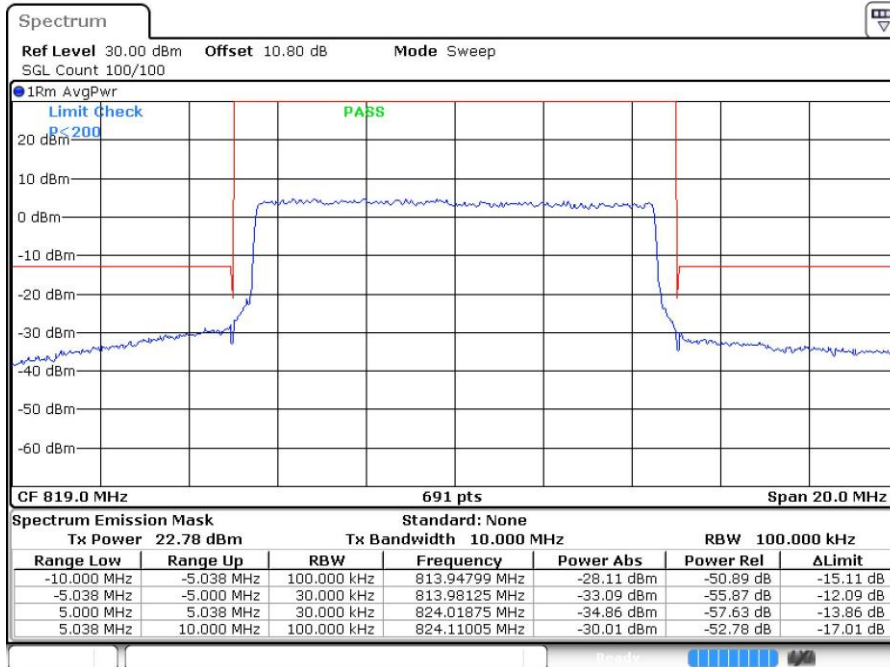
Date: 3 APR 2018 03:57:19

Highest Band Edge / 1 RB



Date: 3 APR 2018 03:59:36

Band Edge / Full RB

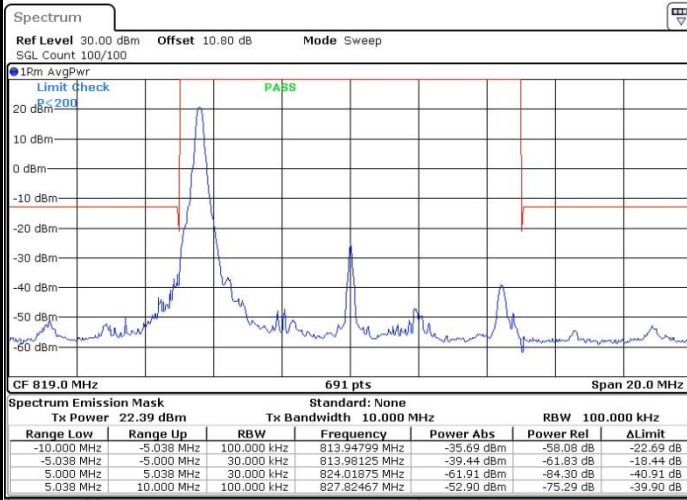


Date: 3 APR 2018 04:01:52



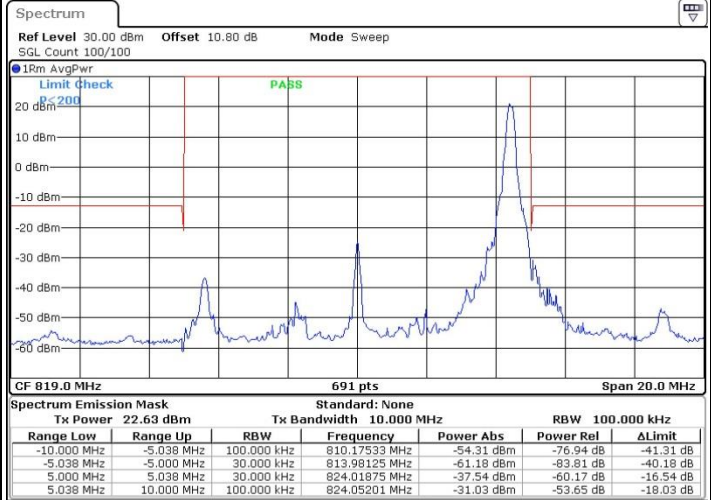
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



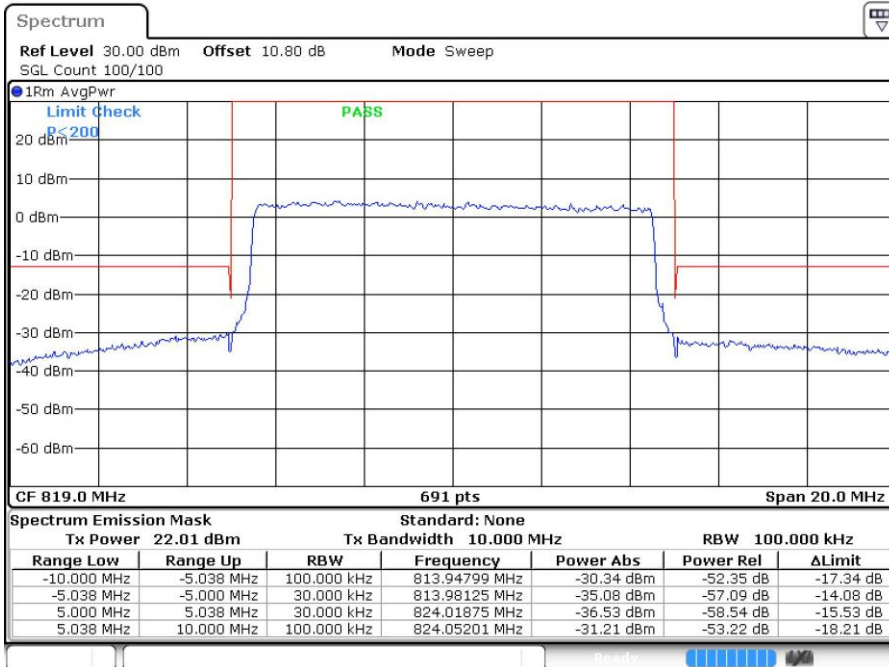
Date: 3 APR 2018 03:58:27

Highest Band Edge / 1 RB



Date: 3 APR 2018 04:00:44

Band Edge / Full RB

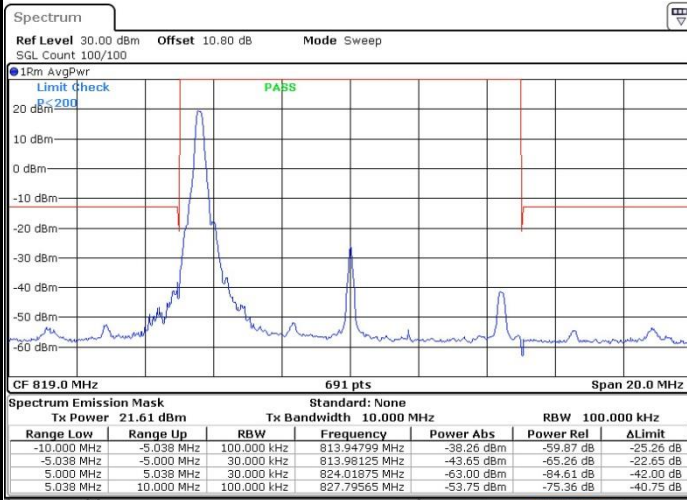


Date: 3 APR 2018 04:03:01



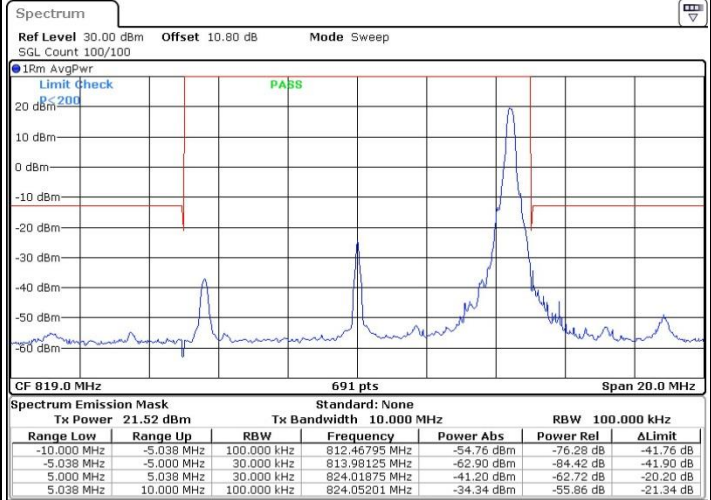
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



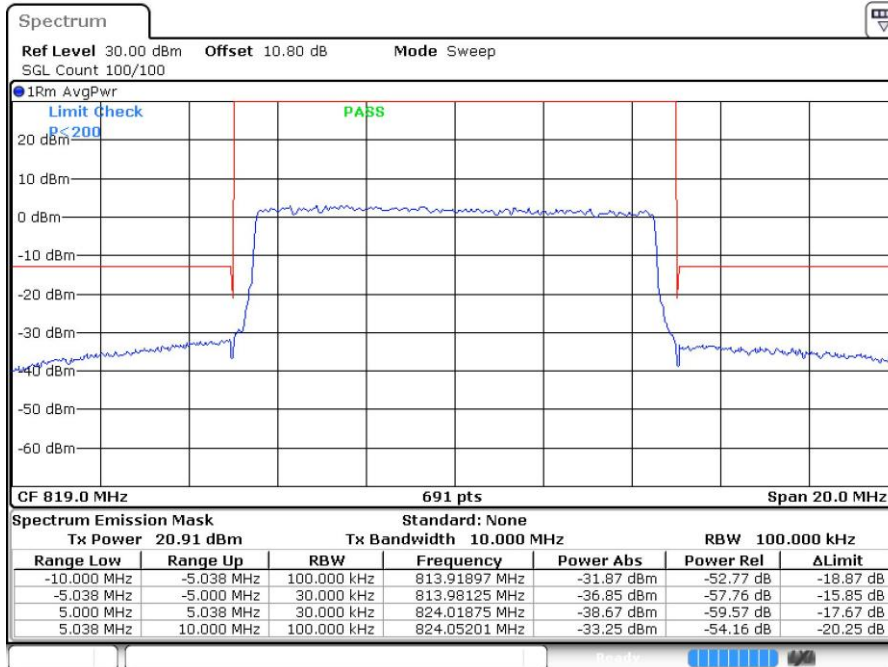
Date: 3 APR 2018 03:05:05

Highest Band Edge / 1 RB



Date: 3 APR 2018 03:06:13

Band Edge / Full RB

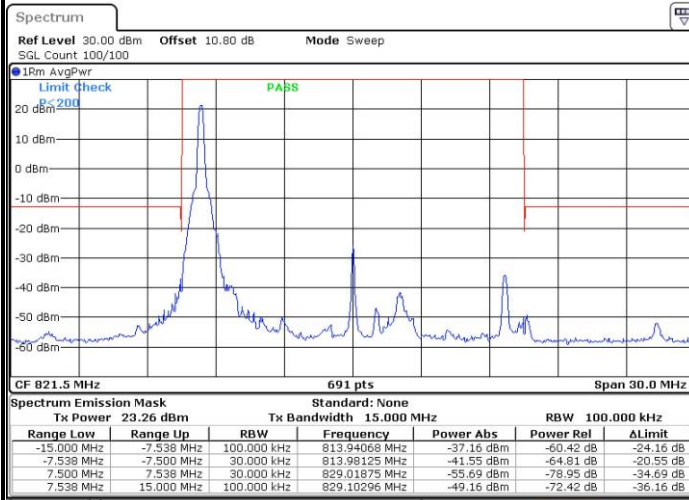


Date: 3 APR 2018 03:07:21



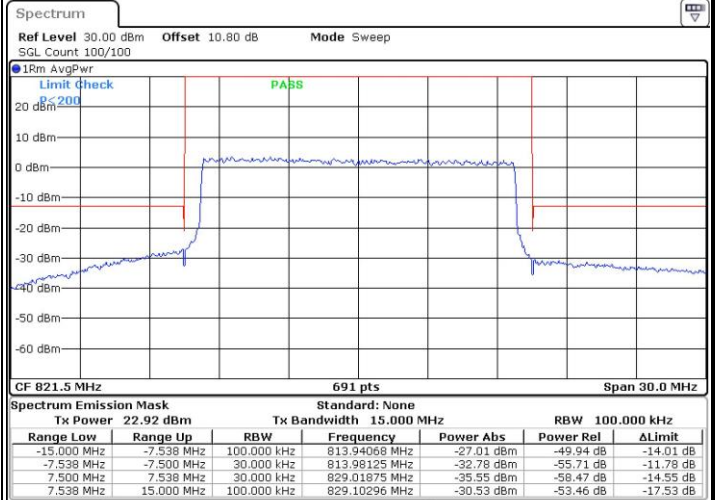
LTE Band 26 / 15MHz QPSK

Lowest Band Edge / 1 RB



Date: 3 APR 2018 04:04:09

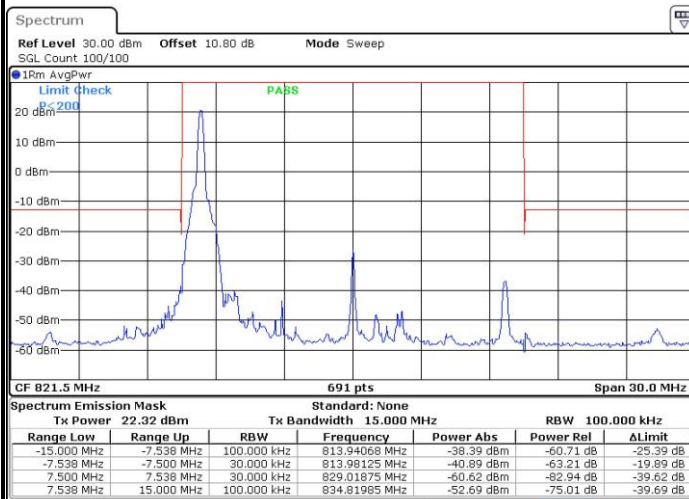
Lowest Band Edge / Full RB



Date: 3 APR 2018 04:08:43

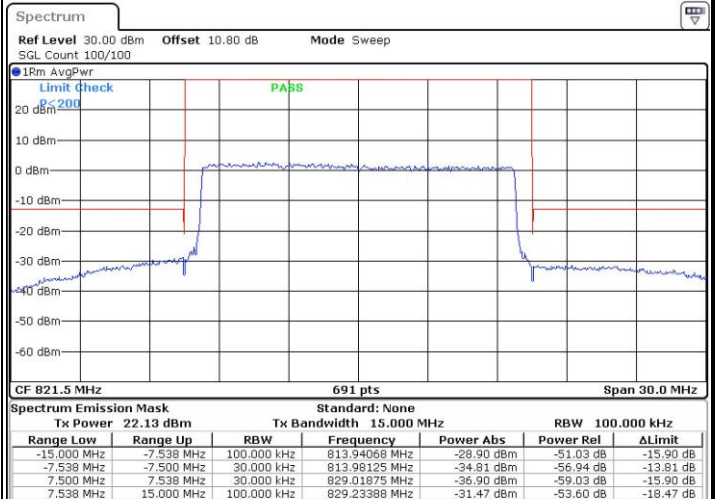
LTE Band 26 / 15MHz 16QAM

Lowest Band Edge / 1 RB



Date: 3 APR 2018 04:05:18

Lowest Band Edge / Full RB

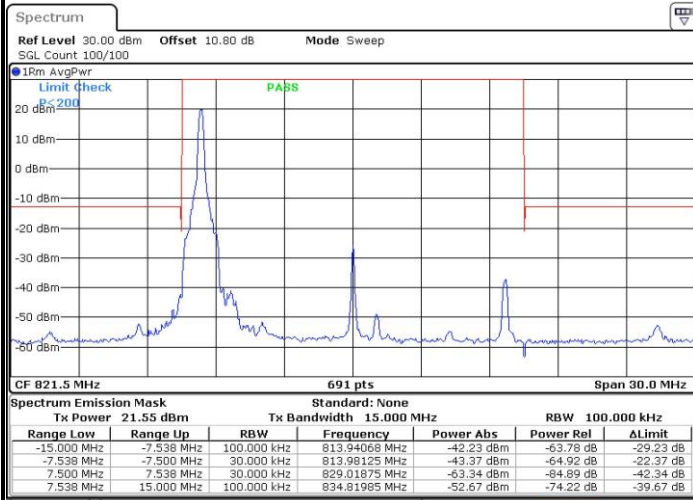


Date: 3 APR 2018 04:09:51



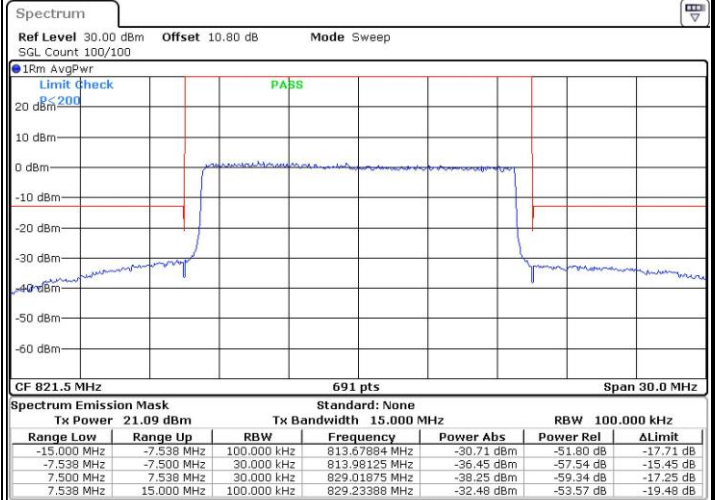
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 3 APR 2018 03:08:30

Lowest Band Edge / Full RB



Date: 3 APR 2018 03:10:46



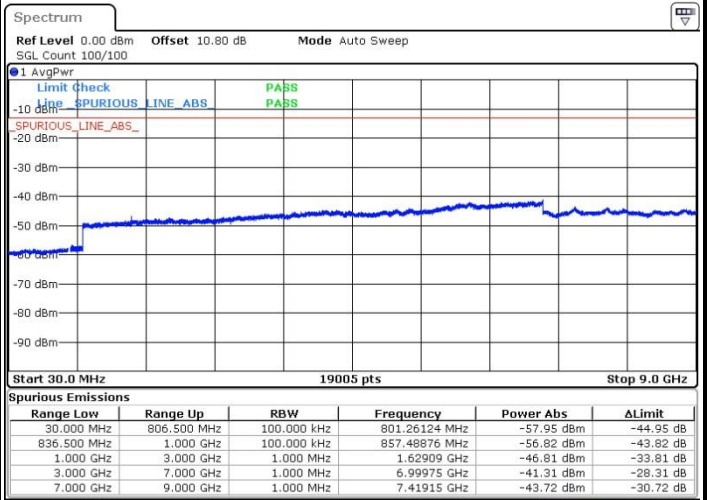
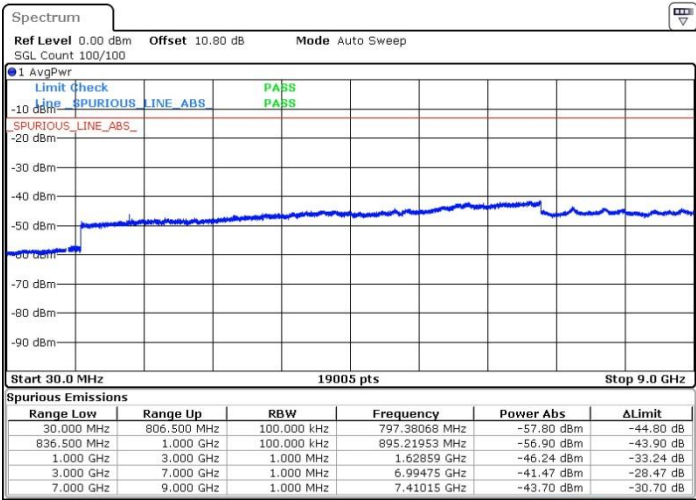
Conducted Spurious Emission



LTE Band 26 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

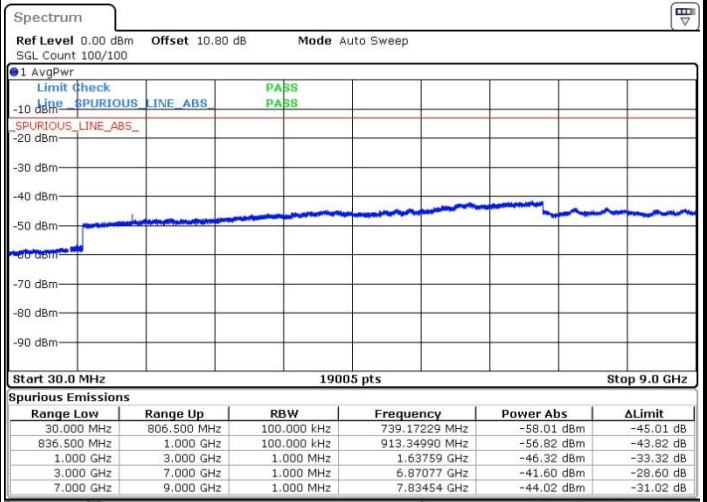
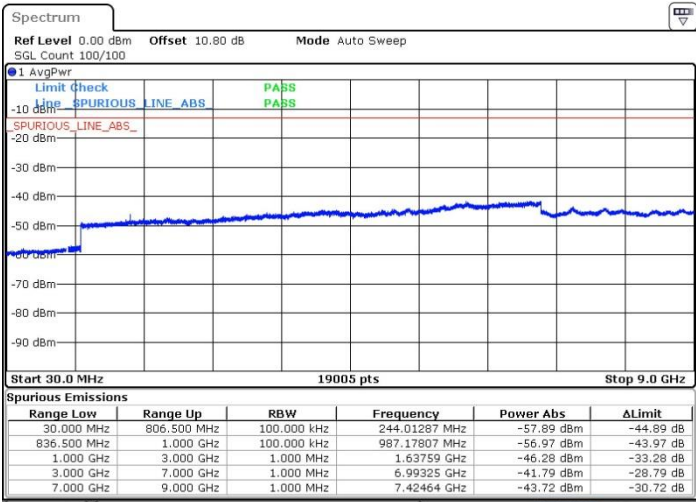


Date: 3 APR 2018 04:35:27

Date: 3 APR 2018 04:36:23

Middle Channel / QPSK

Middle Channel / 16QAM



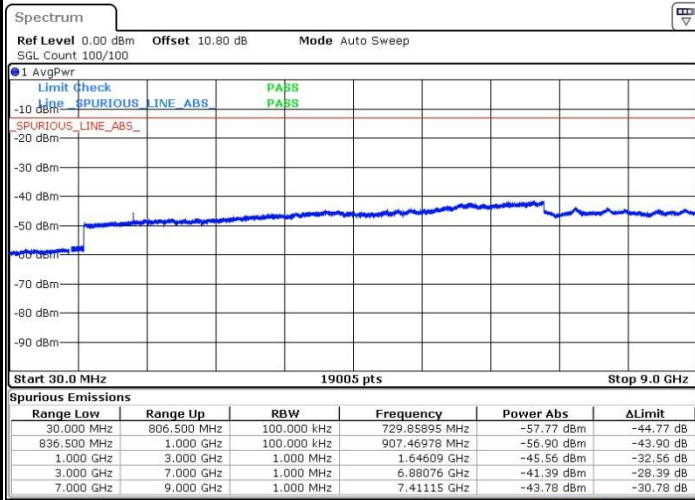
Date: 3 APR 2018 04:38:00

Date: 3 APR 2018 04:38:55



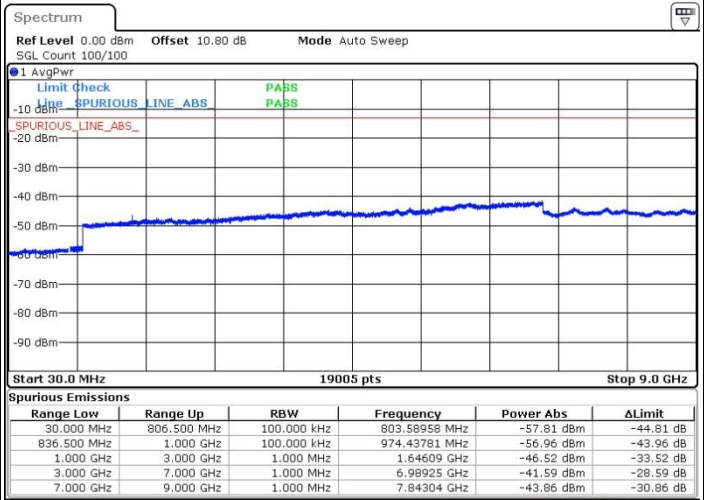
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 3 APR 2018 04:40:32

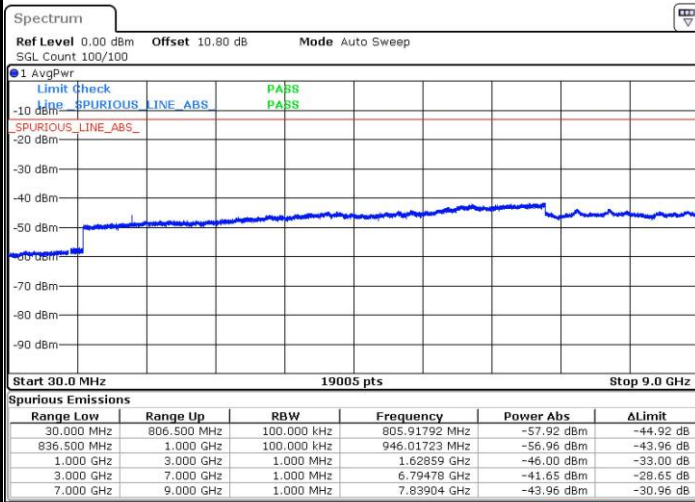
Highest Channel / 16QAM



Date: 3 APR 2018 04:41:27

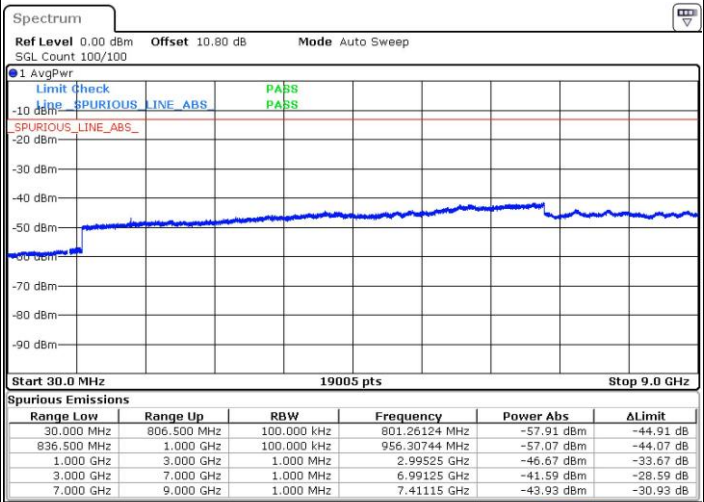
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 3 APR 2018 04:11:27

Lowest Channel / 16QAM

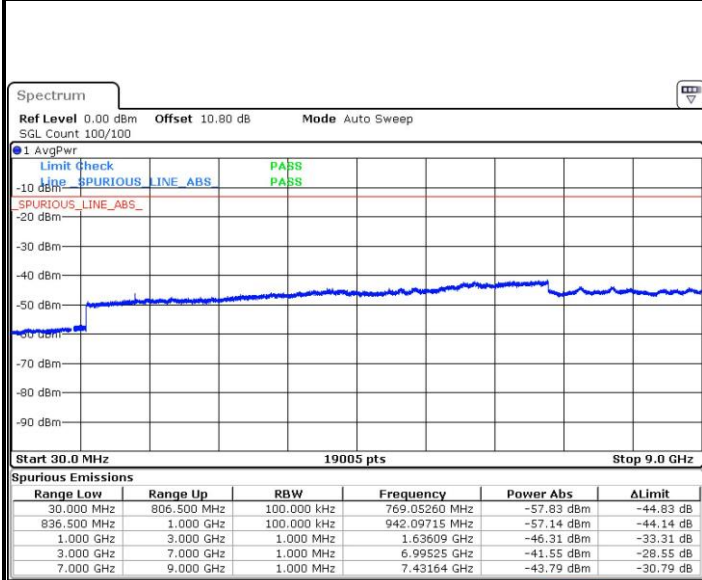


Date: 3 APR 2018 04:12:23



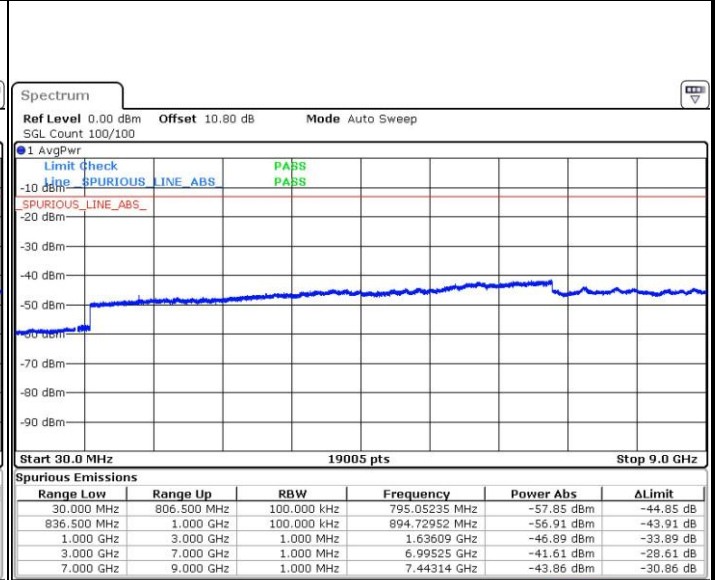
LTE Band 26 / 3MHz

Middle Channel / QPSK



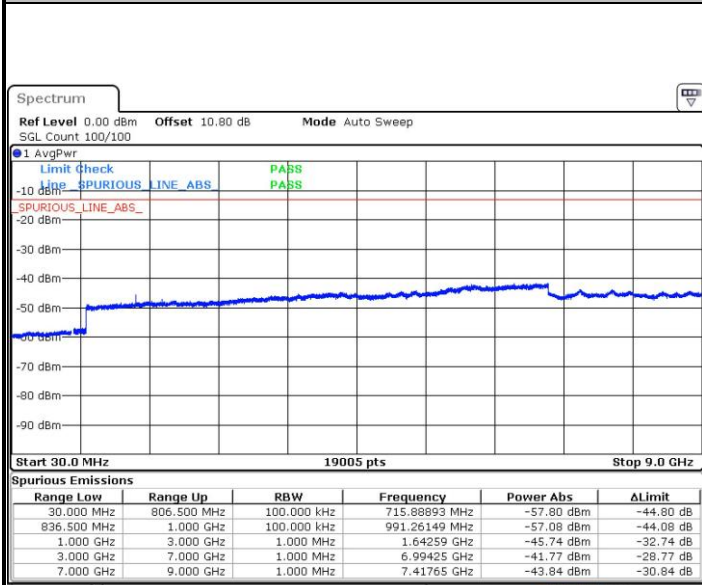
Date: 3 APR 2018 04:13:59

Middle Channel / 16QAM



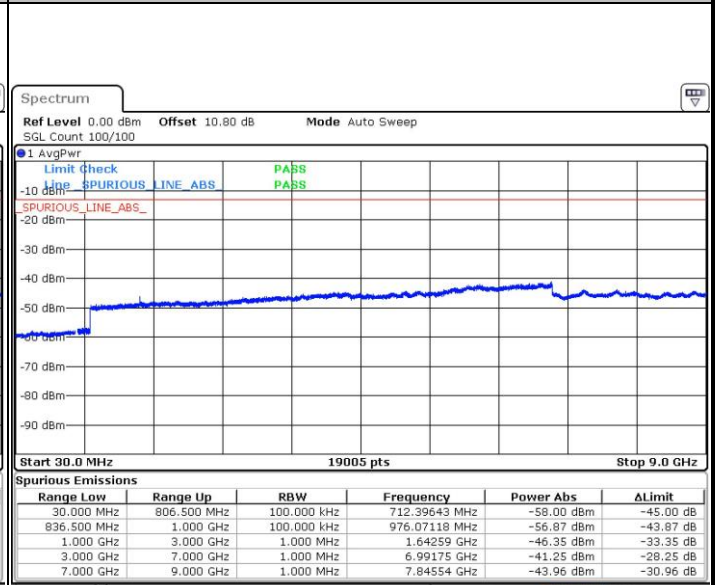
Date: 3 APR 2018 04:14:55

Highest Channel / QPSK



Date: 3 APR 2018 04:16:32

Highest Channel / 16QAM



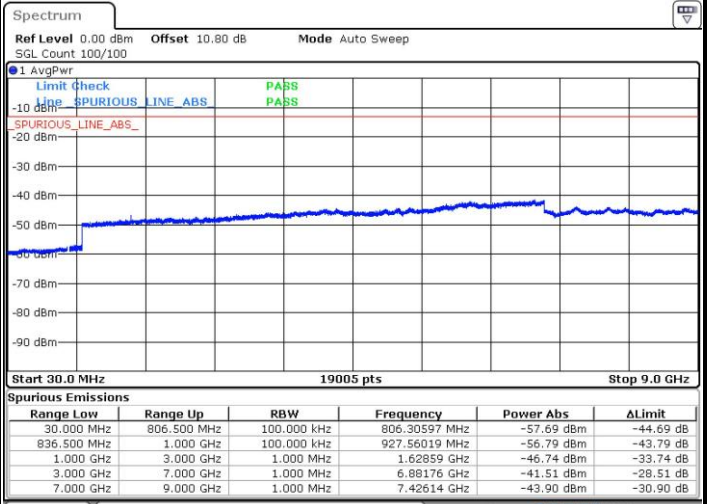
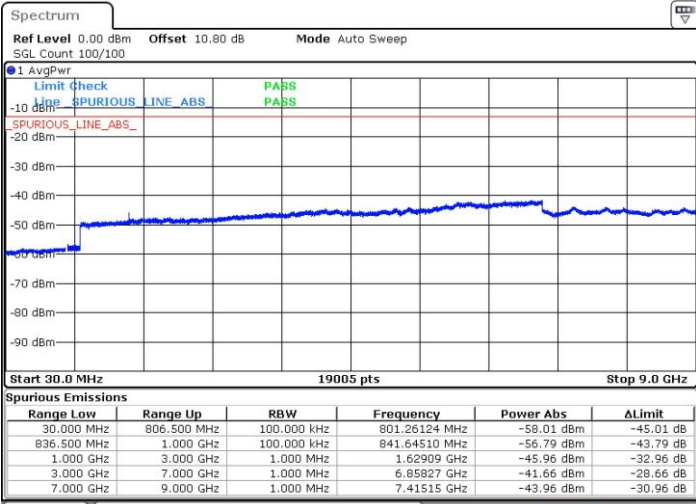
Date: 3 APR 2018 04:17:27



LTE Band 26 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

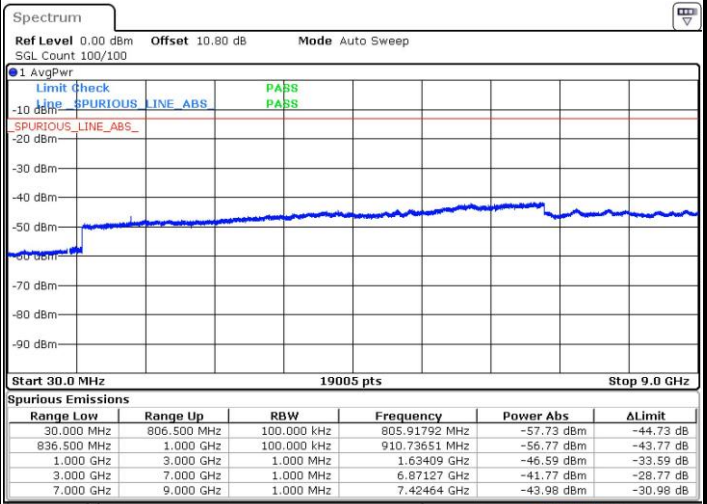
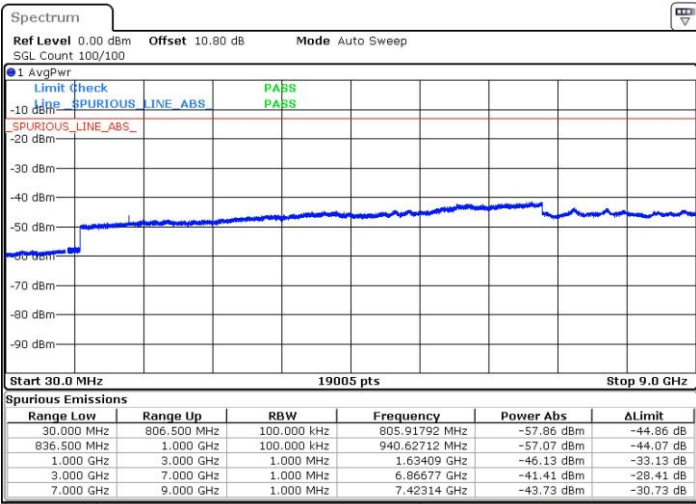


Date: 3.APR.2018 04:19:04

Date: 3.APR.2018 04:19:59

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.APR.2018 04:21:36

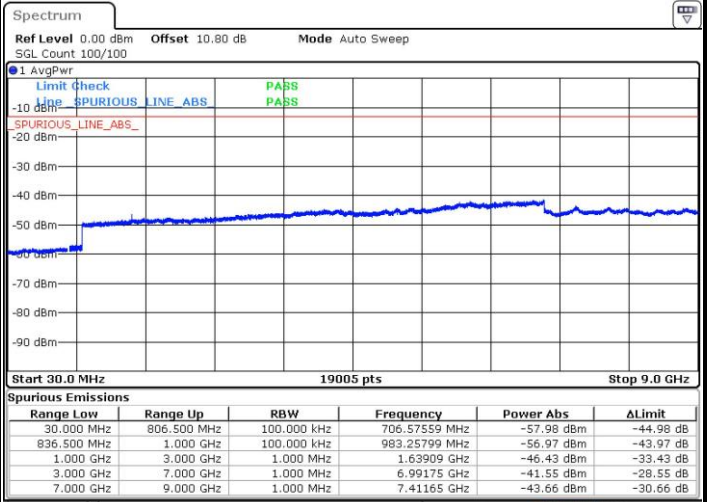
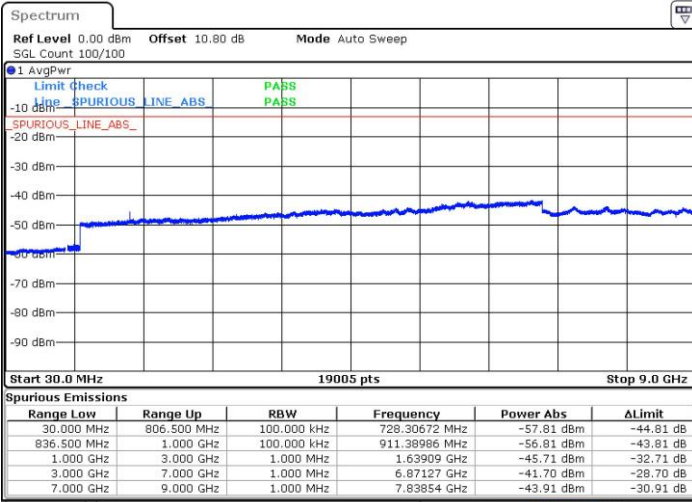
Date: 3.APR.2018 04:22:32



LTE Band 26 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



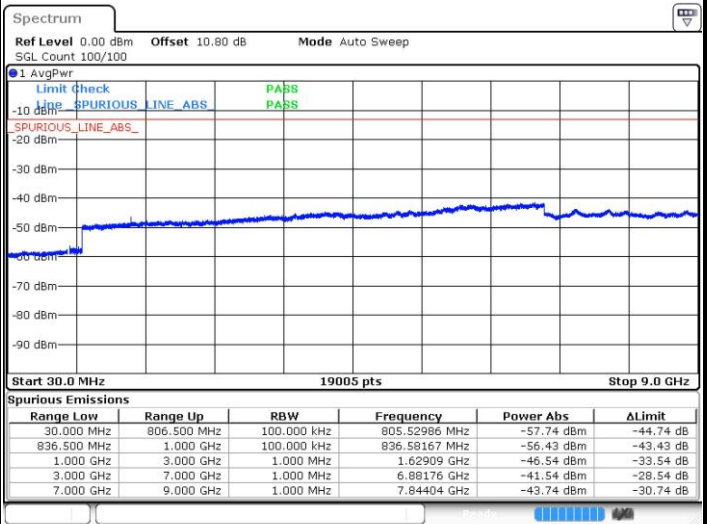
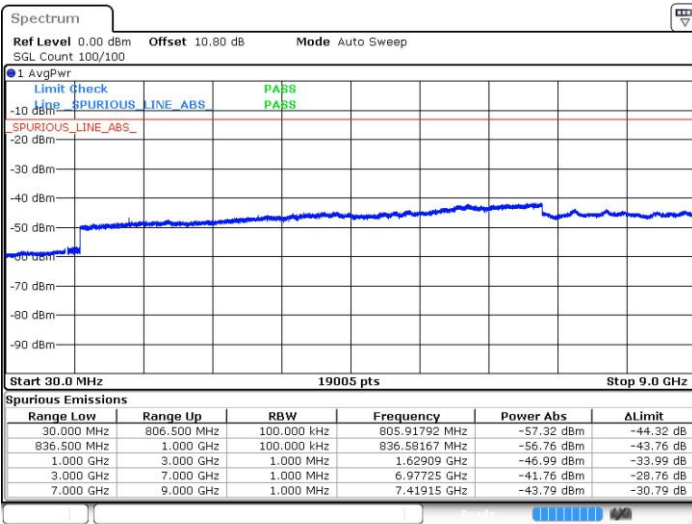
Date: 3 APR 2018 04:24:08

Date: 3 APR 2018 04:25:04

LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3 APR 2018 04:26:40

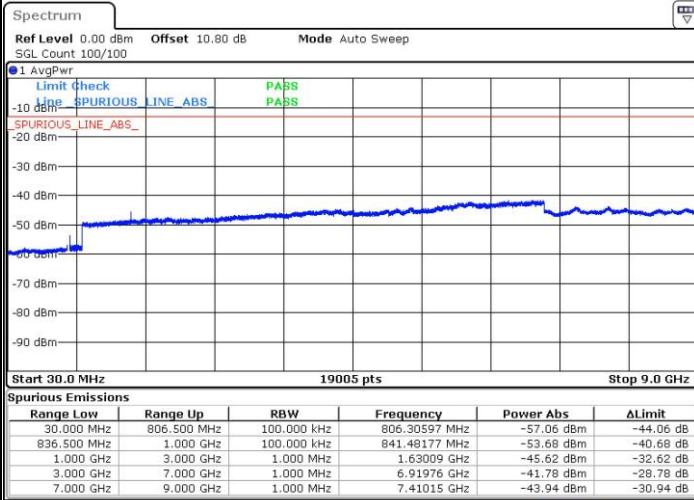
Date: 3 APR 2018 04:27:36



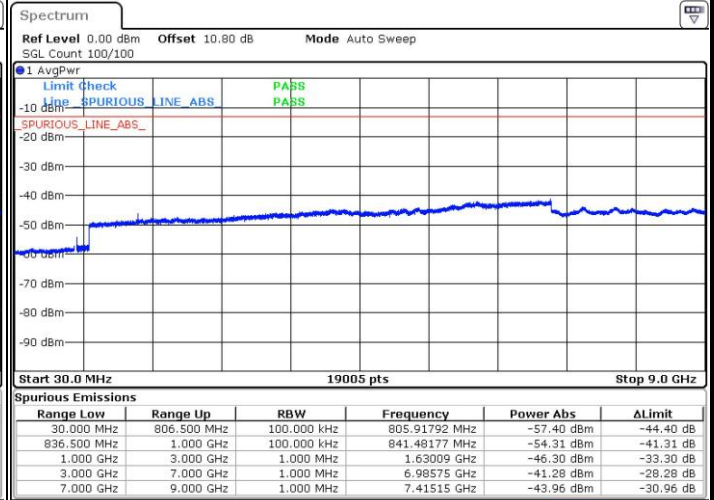
LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 3.APR.2018 04:29:13

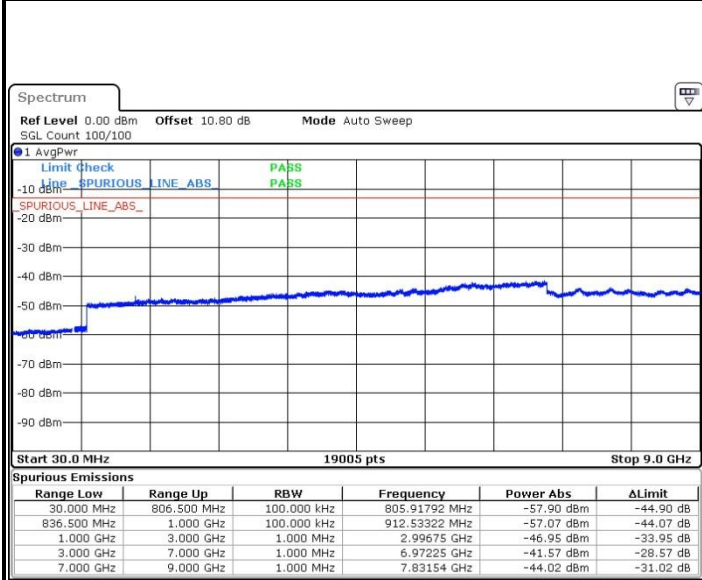


Date: 3.APR.2018 04:30:08



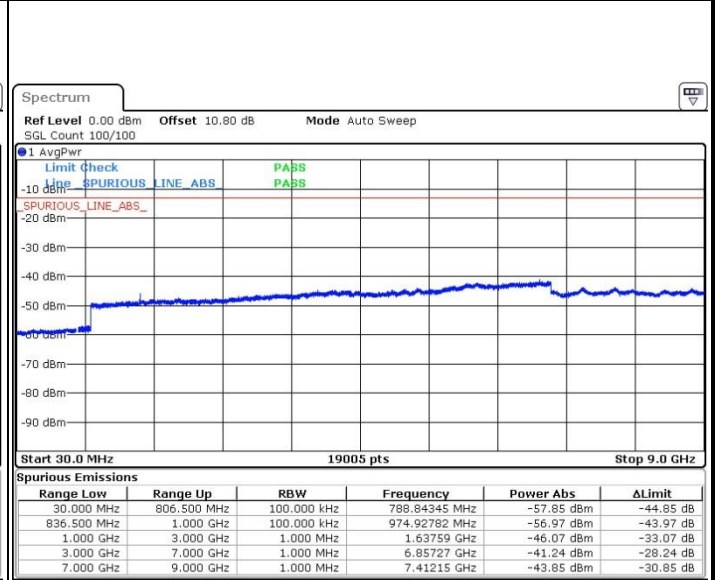
LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM



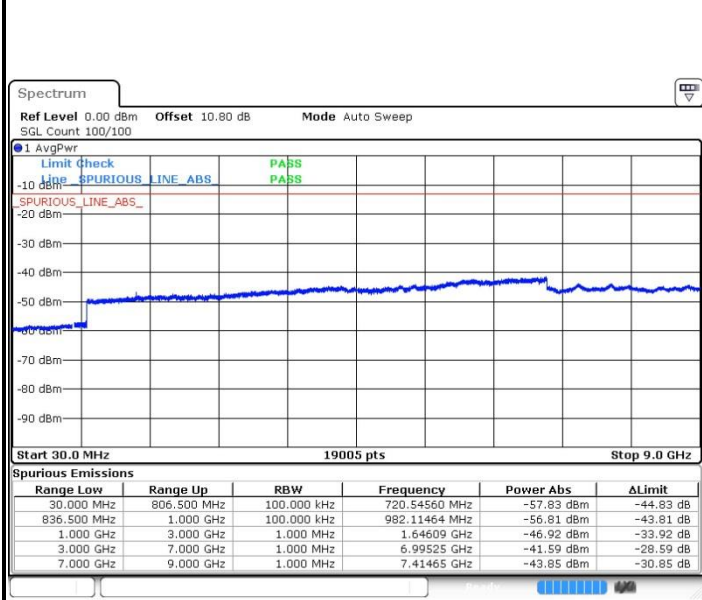
Date: 3 APR 2018 03:24:02

Middle Channel / 64QAM



Date: 3 APR 2018 03:25:18

Highest Channel / 64QAM



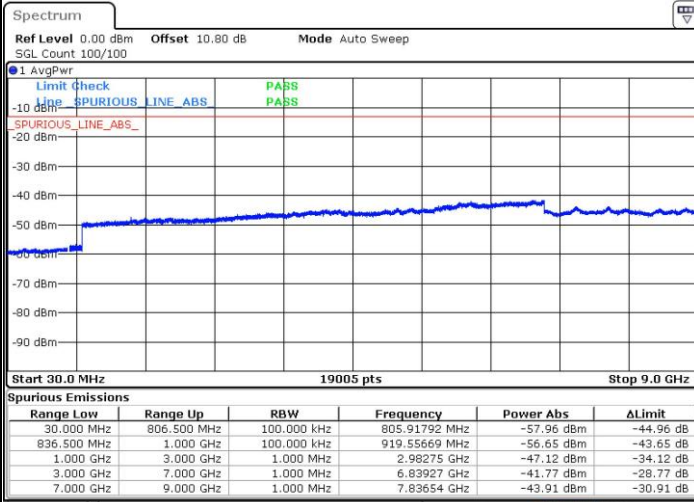
Date: 3 APR 2018 03:26:34



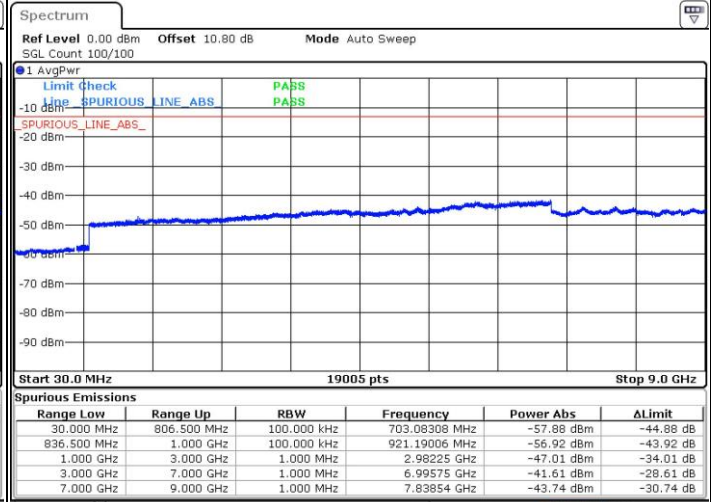
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

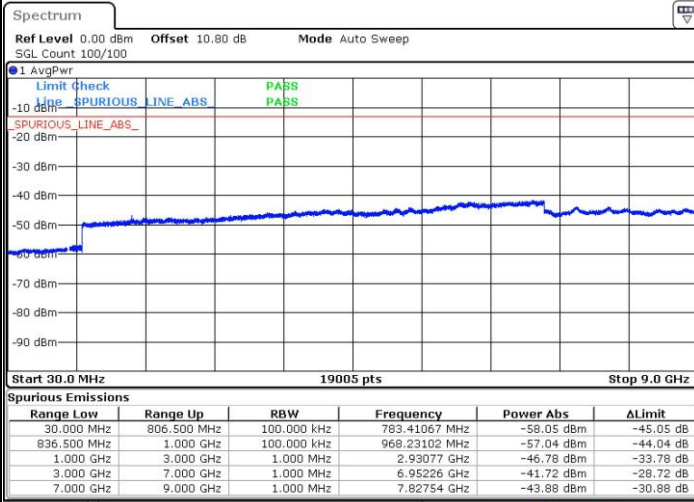


Date: 3 APR 2018 03:12:02



Date: 3 APR 2018 03:13:18

Highest Channel / 64QAM



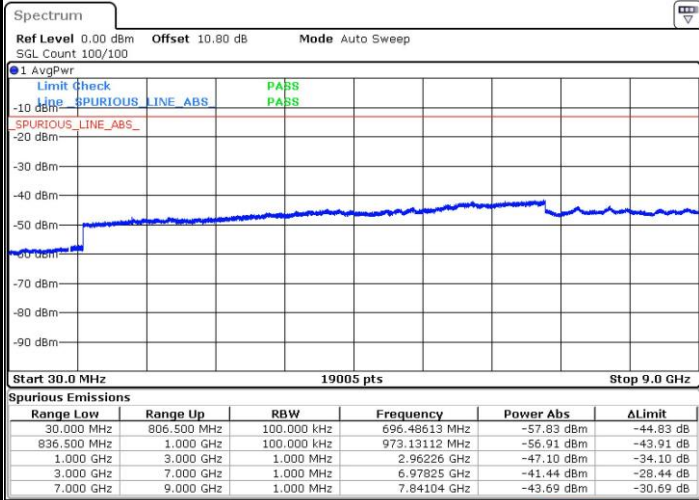
Date: 3 APR 2018 03:14:34



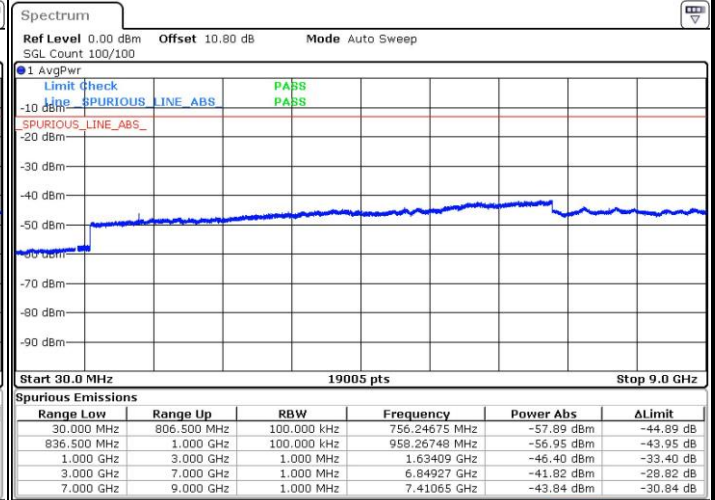
LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

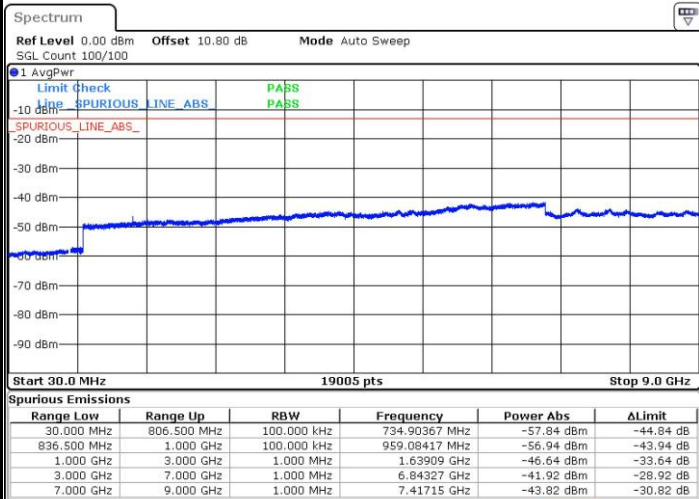


Date: 3 APR 2018 03:15:50

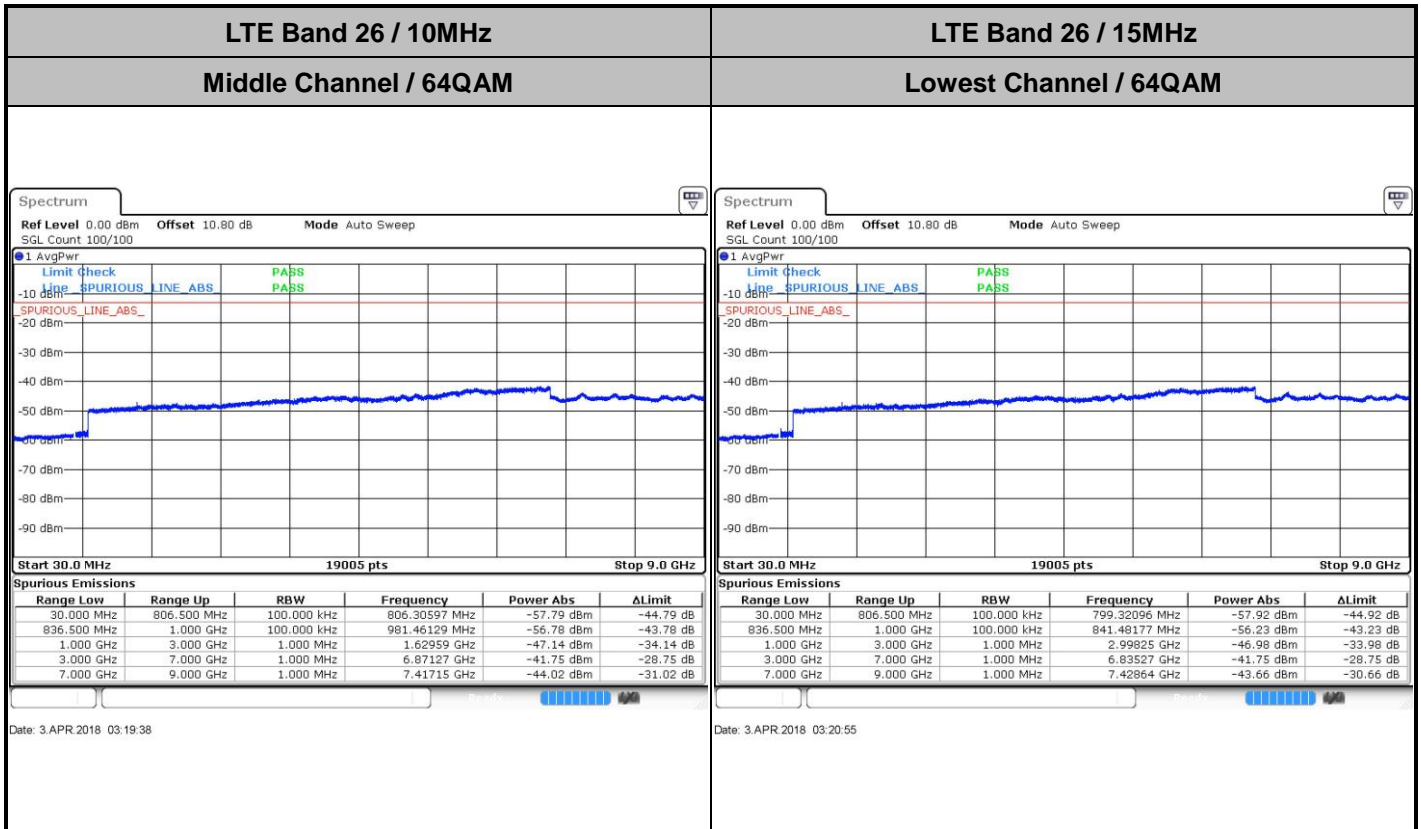


Date: 3 APR 2018 03:17:06

Highest Channel / 64QAM



Date: 3 APR 2018 03:18:22





Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0051	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0071	
20	Maximum Voltage	0.0072	
20	Normal Voltage	0.0137	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.40 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Low Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 15MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0034	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0058	
20	Battery End Point	0.0069	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP and Radiated Test

ERP

<Reporting Only>

LTE Band 26 / 15MHz (Average) (GT - LC = -1.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	74	23.84	0.24	22.34	0.17
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	16QAM	1	74	22.98	0.20	21.48	0.14
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Lowest	64QAM	1	74	21.98	0.16	20.48	0.11
Middle		-	-	-	-	-	-
Highest		-	-	-	-	-	-
Limit	ERP < 7W			Result		PASS	



Radiated Spurious Emission



LTE Band 26(Part 90S)

LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-61.78	-13	-48.78	-71.56	-68.7	0.52	9.59	H
	2440	-60.67	-13	-47.67	-74.19	-68.63	0.64	10.75	H
	3256	-58.88	-13	-45.88	-74.94	-67.85	0.75	11.87	H
									H
									H
									H
									H
	1632	-61.66	-13	-48.66	-71.26	-68.58	0.52	9.59	V
	2440	-59.89	-13	-46.89	-74.02	-67.85	0.64	10.75	V
	3256	-58.54	-13	-45.54	-74.72	-67.51	0.75	11.87	V
									V
									V
									V
									V
Middle	1632	-62.43	-13	-49.43	-72.21	-69.35	0.52	9.59	H
	2448	-60.58	-13	-47.58	-74.07	-68.54	0.64	10.76	H
	3264	-58.32	-13	-45.32	-74.38	-67.31	0.75	11.89	H
									H
									H
									H
									H
	1632	-61.93	-13	-48.93	-71.53	-68.85	0.52	9.59	V
	2448	-60.18	-13	-47.18	-74.22	-68.14	0.64	10.76	V
	3264	-58.53	-13	-45.53	-74.71	-67.52	0.75	11.89	V
									V
									V
									V
									V



Highest	1640	-62.97	-13	-49.97	-72.88	-69.9	0.52	9.61	H
	2456	-60.11	-13	-47.11	-73.6	-68.08	0.65	10.76	H
	3280	-58.66	-13	-45.66	-74.75	-67.7	0.75	11.94	H
									H
									H
									H
									H
	1640	-62.95	-13	-49.95	-72.57	-69.88	0.52	9.61	V
	2456	-59.88	-13	-46.88	-73.92	-67.85	0.65	10.76	V
	3280	-58.67	-13	-45.67	-74.81	-67.71	0.75	11.94	V
									V
									V
									V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.