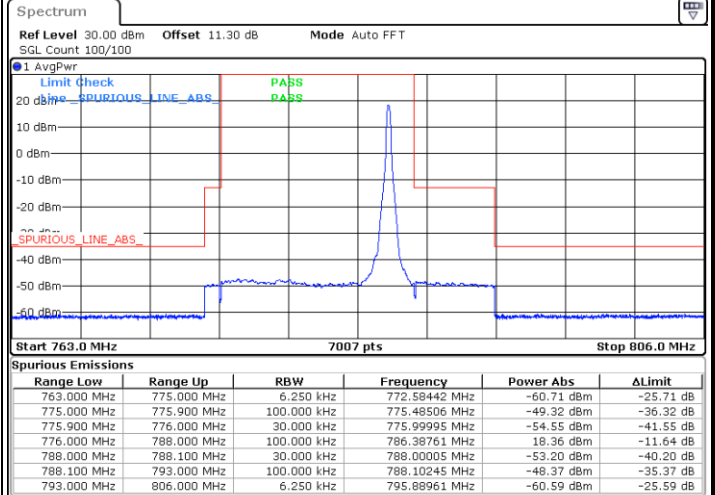
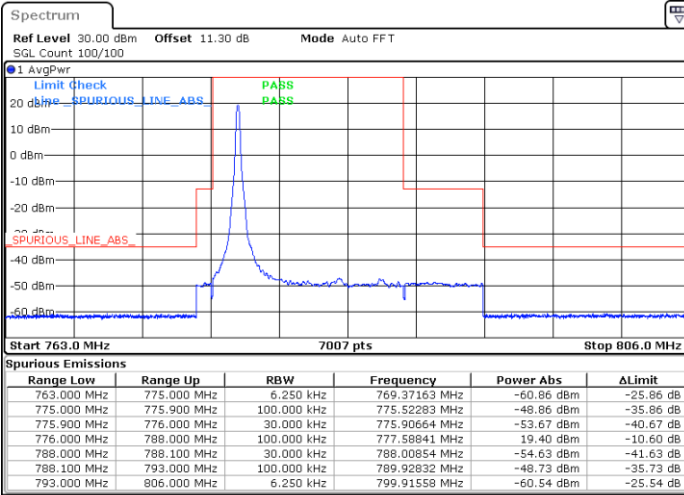




LTE Band 13 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

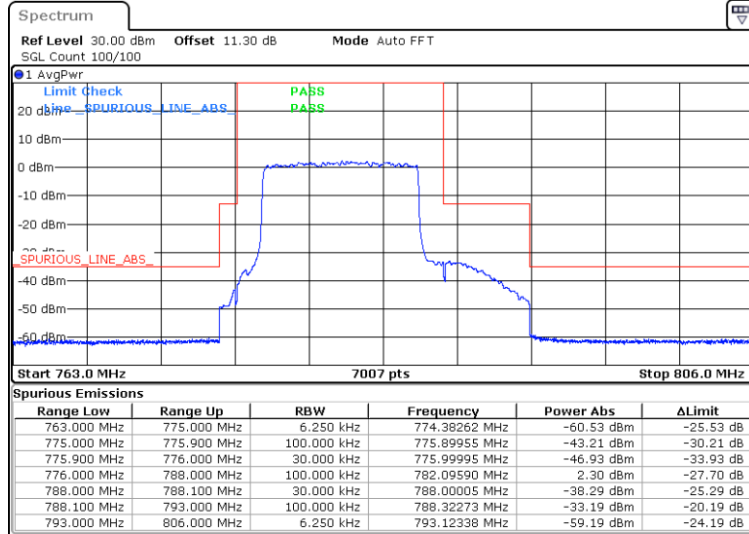
Highest Band Edge / 1 RB



Date: 1.MAR.2021 22:09:55

Date: 1.MAR.2021 22:15:38

Band Edge / Full RB

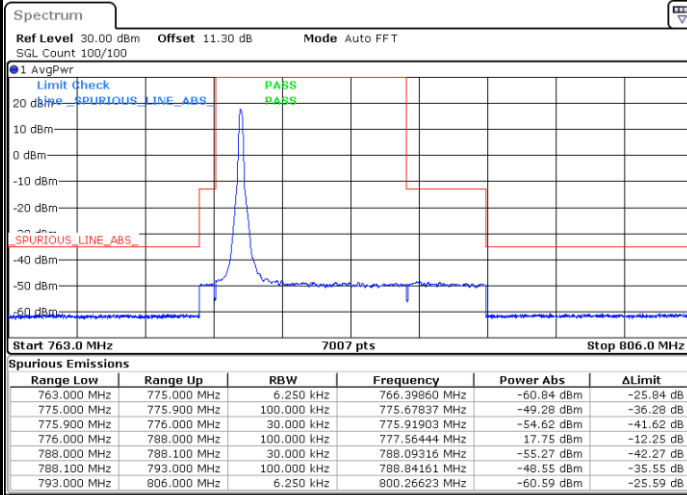


Date: 1.MAR.2021 22:08:00



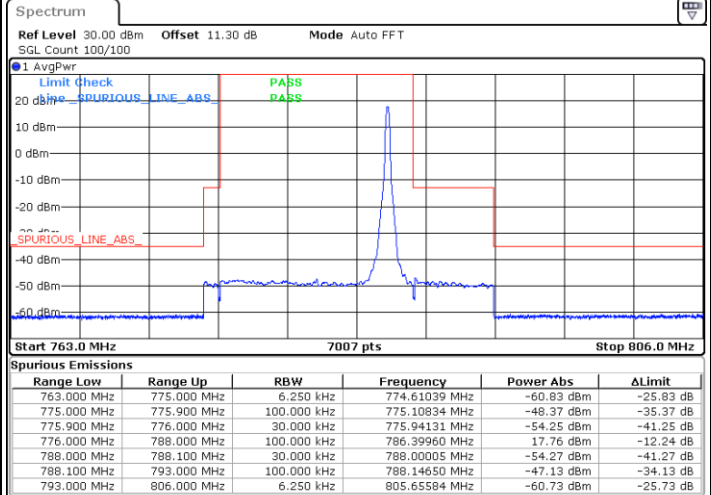
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



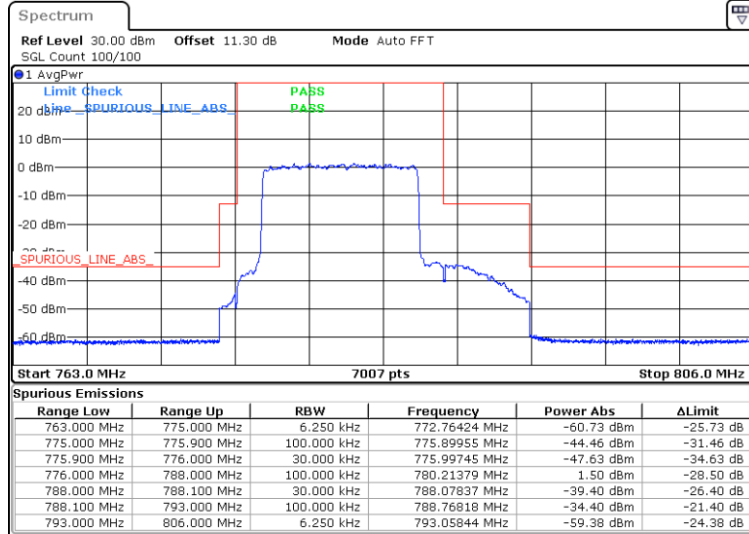
Date: 1.MAR.2021 22:20:57

Highest Band Edge / 1 RB



Date: 1.MAR.2021 22:22:51

Band Edge / Full RB



Date: 1.MAR.2021 22:19:02

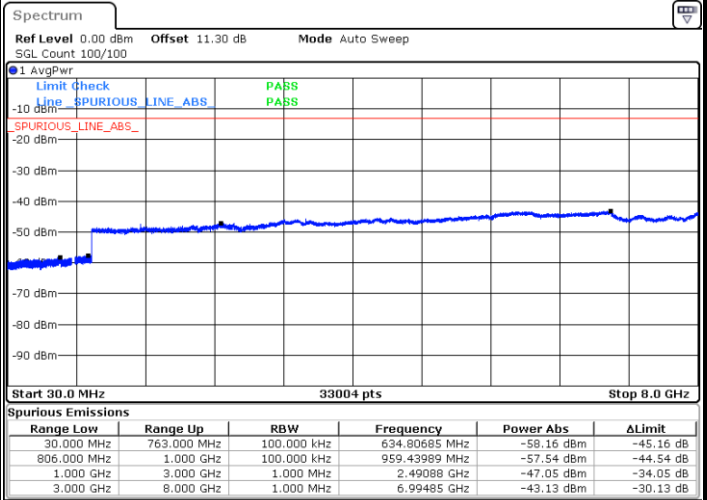
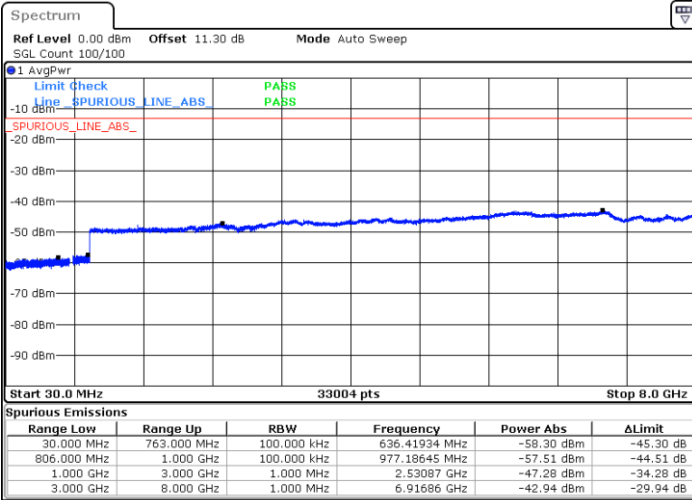


Conducted Spurious Emission

LTE Band 13 / 5MHz

Lowest Channel / QPSK

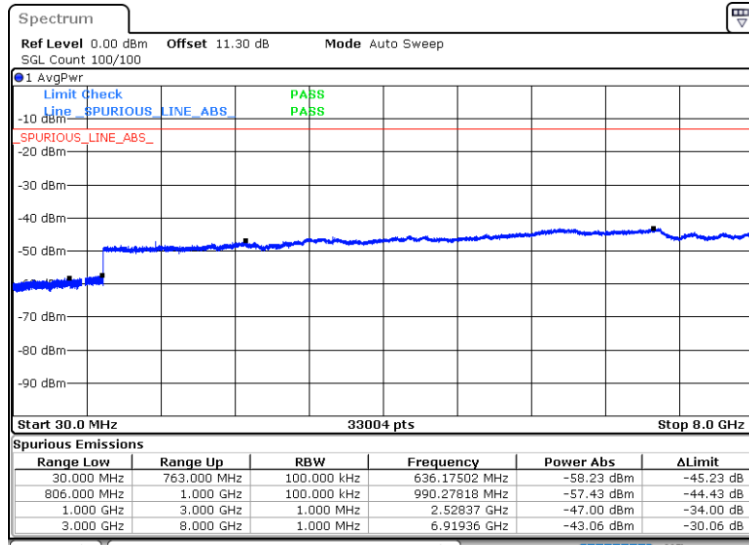
Middle Channel / QPSK



Date: 1.MAR.2021 19:42:11

Date: 1.MAR.2021 19:45:23

Highest Channel / QPSK

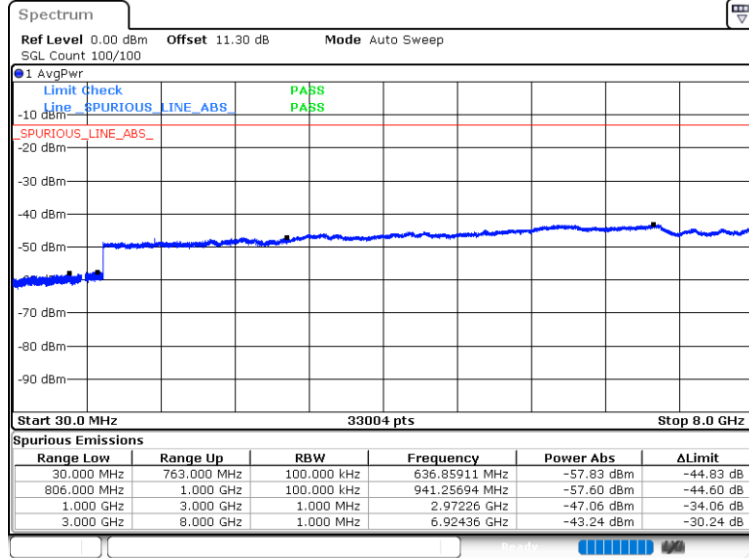


Date: 1.MAR.2021 20:01:11



LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 1.MAR.2021 22:16:37



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0238	PASS
40	Normal Voltage	0.0234	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0238	
0	Normal Voltage	0.0137	
-10	Normal Voltage	0.0205	
-20	Normal Voltage	0.0146	
-30	Normal Voltage	0.0194	
20	Maximum Voltage	0.0207	
20	Normal Voltage	0.0238	
20	Battery End Point	0.0221	

Note:

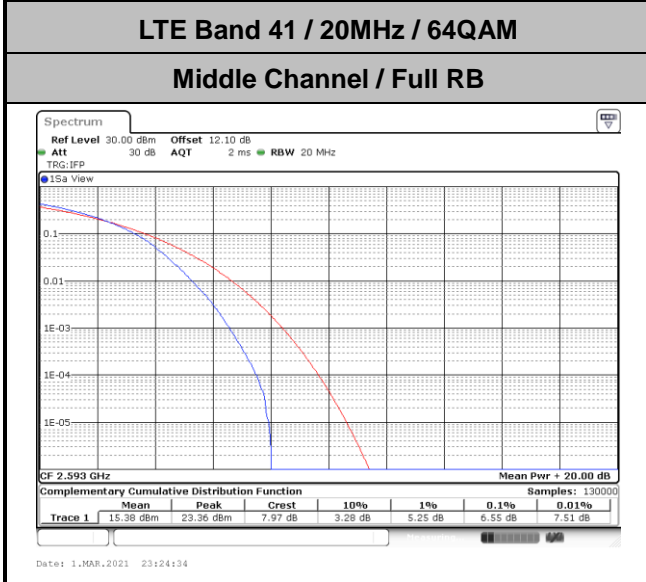
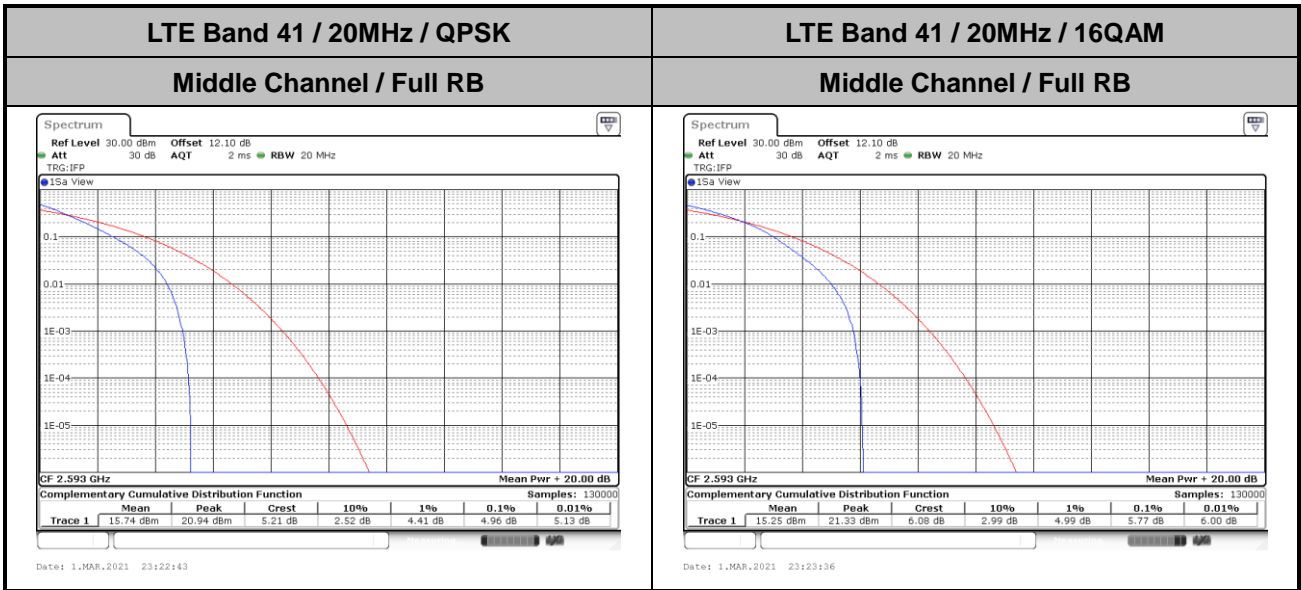
- 1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.67 V. ; Maximum Voltage =4.26 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.77	6.55	-	PASS





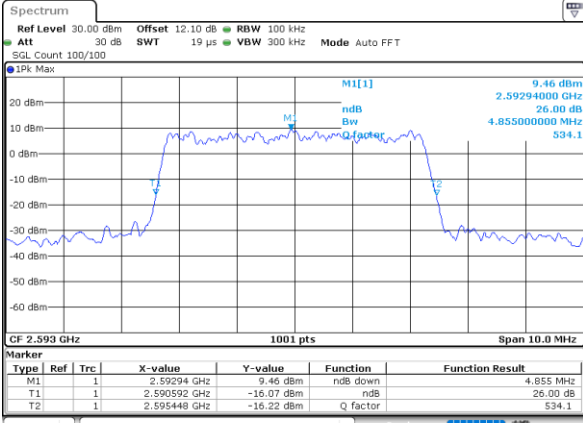
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.86	4.82	9.73	9.67	14.33	14.45	18.82	18.78
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.75	-	9.89	-	14.21	-	18.62	-



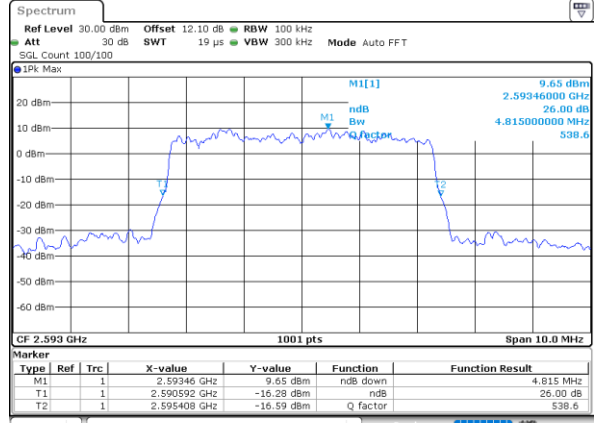
LTE Band 41

Middle Channel / 5MHz / QPSK



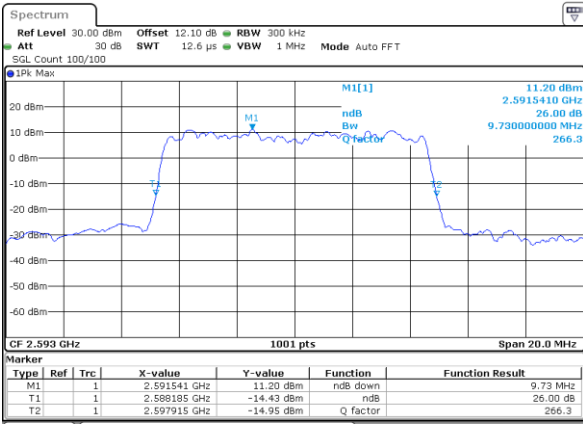
Date: 1.MAR.2021 22:43:48

Middle Channel / 5MHz / 16QAM



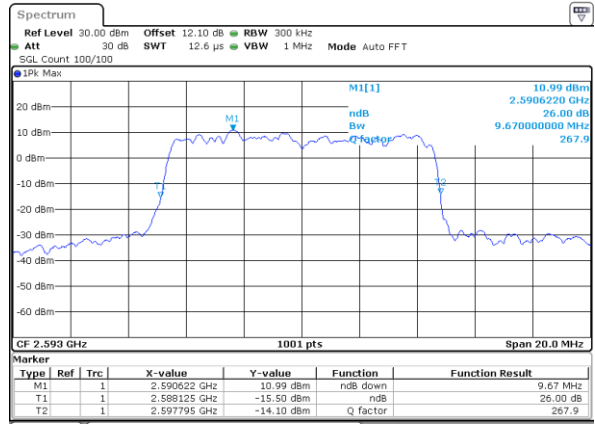
Date: 1.MAR.2021 22:44:14

Middle Channel / 10MHz / QPSK



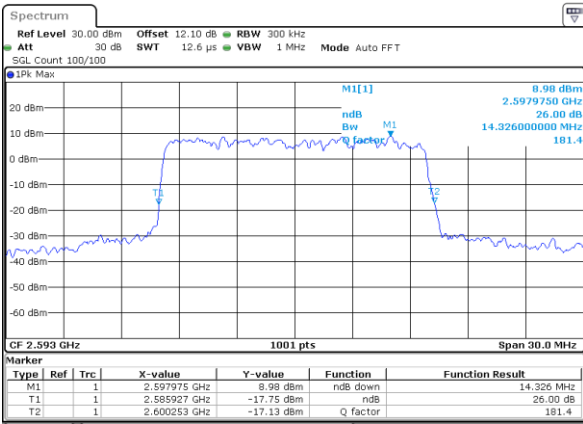
Date: 1.MAR.2021 22:49:17

Middle Channel / 10MHz / 16QAM



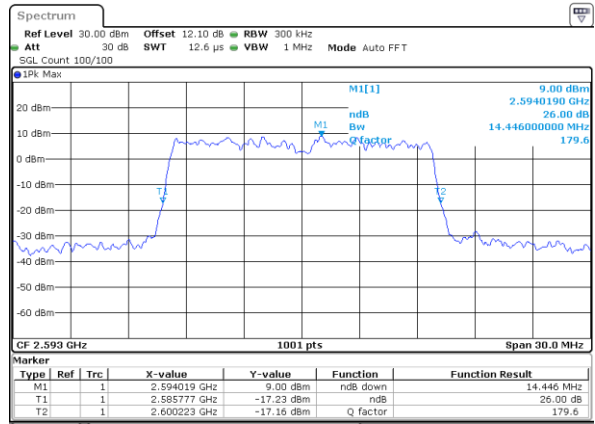
Date: 1.MAR.2021 22:49:43

Middle Channel / 15MHz / QPSK



Date: 1.MAR.2021 23:03:29

Middle Channel / 15MHz / 16QAM

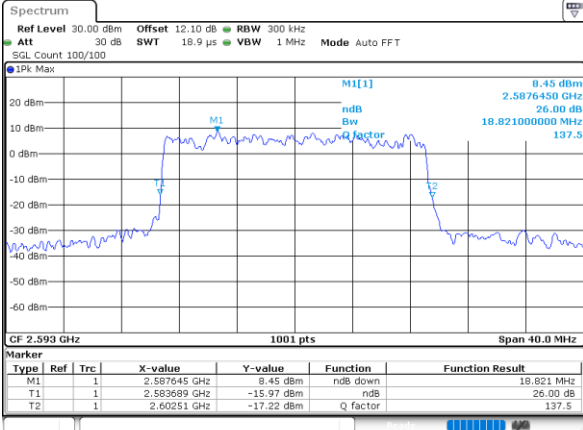


Date: 1.MAR.2021 23:03:55



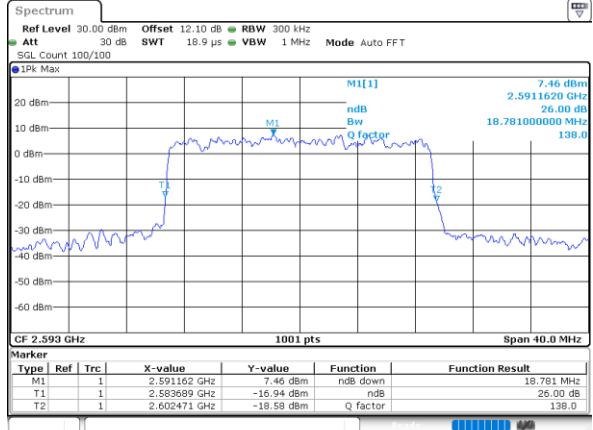
LTE Band 41

Middle Channel / 20MHz / QPSK



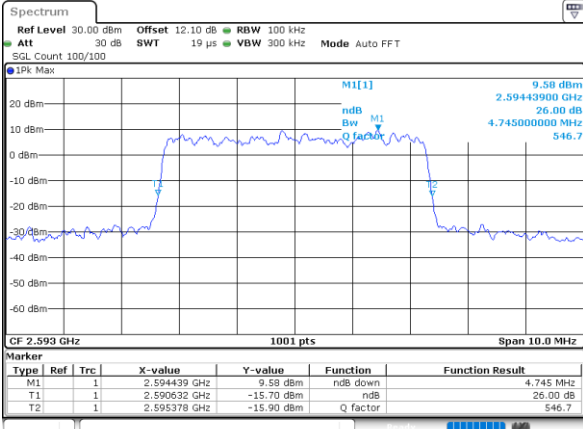
Date: 1.MAR.2021 23:08:19

Middle Channel / 20MHz / 16QAM



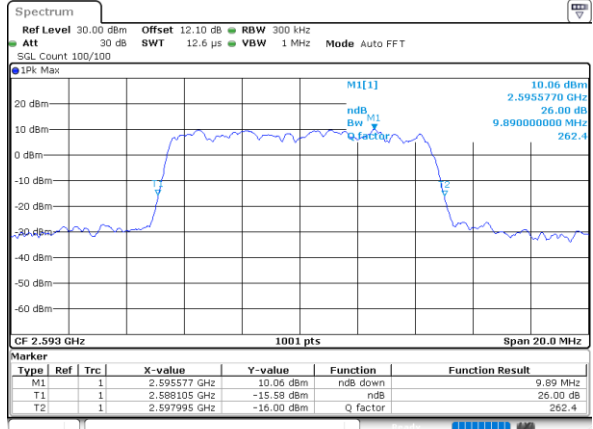
Date: 1.MAR.2021 23:08:45

Middle Channel / 5MHz / 64QAM



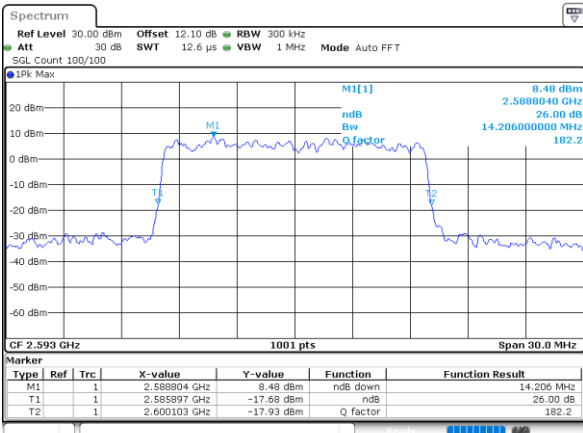
Date: 1.MAR.2021 23:12:36

Middle Channel / 10MHz / 64QAM



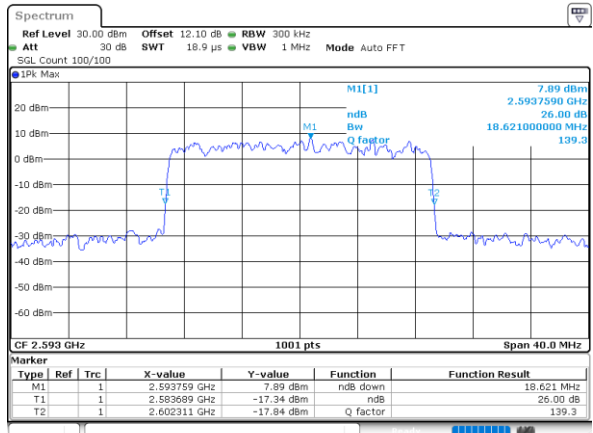
Date: 1.MAR.2021 23:14:42

Middle Channel / 15MHz / 64QAM



Date: 1.MAR.2021 23:16:57

Middle Channel / 20MHz / 64QAM



Date: 1.MAR.2021 23:21:03



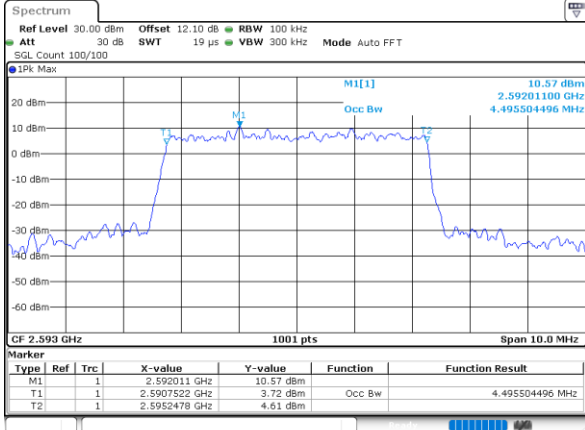
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.50	9.05	9.05	13.46	13.43	17.94	17.78
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.45	-	8.99	-	13.37	-	17.86	-



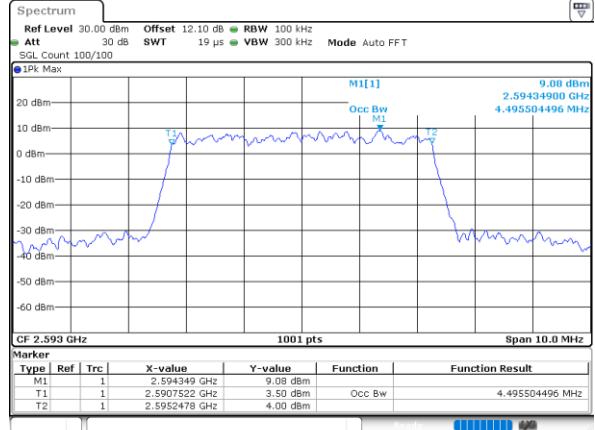
LTE Band 41

Middle Channel / 5MHz / QPSK



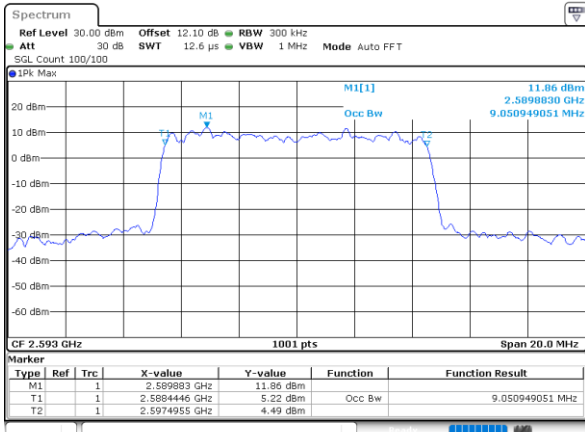
Date: 1.MAR.2021 22:42:54

Middle Channel / 5MHz / 16QAM



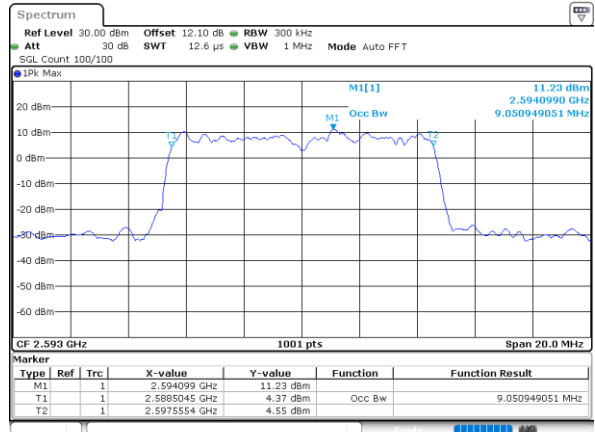
Date: 1.MAR.2021 22:43:21

Middle Channel / 10MHz / QPSK



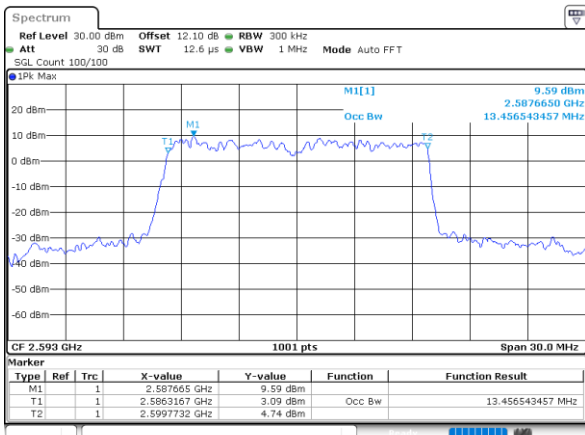
Date: 1.MAR.2021 22:48:23

Middle Channel / 10MHz / 16QAM



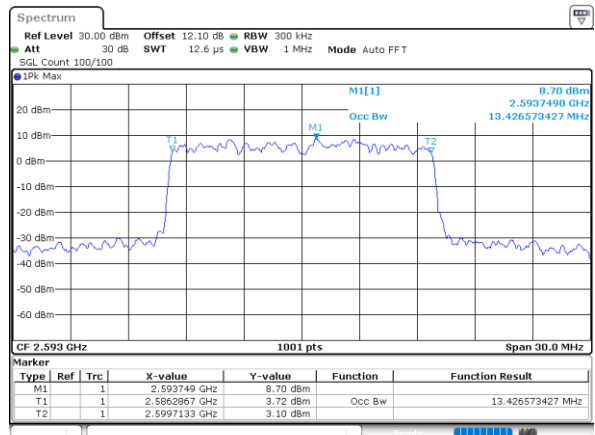
Date: 1.MAR.2021 22:48:50

Middle Channel / 15MHz / QPSK



Date: 1.MAR.2021 23:02:34

Middle Channel / 15MHz / 16QAM

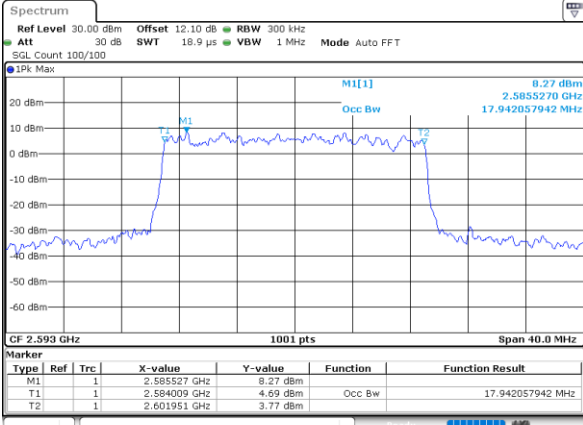


Date: 1.MAR.2021 23:03:02



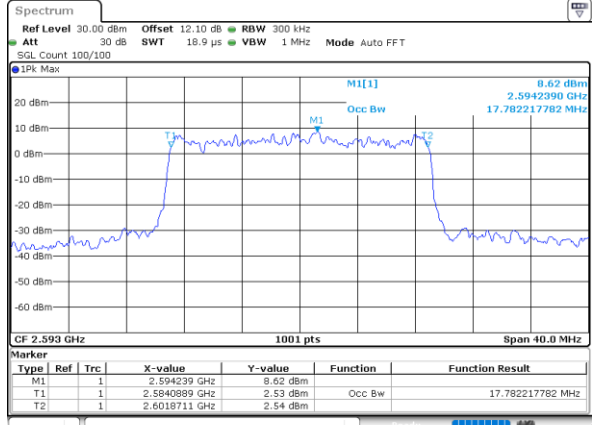
LTE Band 41

Middle Channel / 20MHz / QPSK



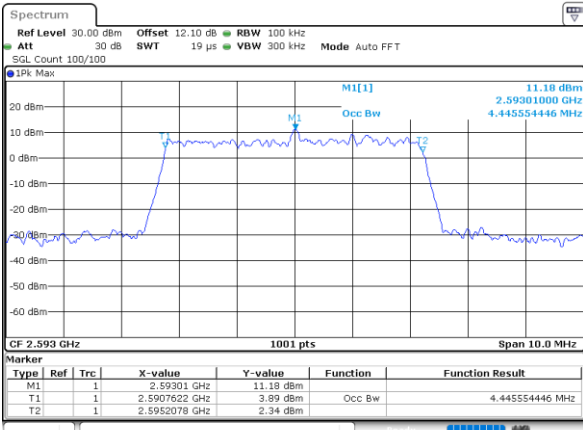
Date: 1.MAR.2021 23:07:24

Middle Channel / 20MHz / 16QAM



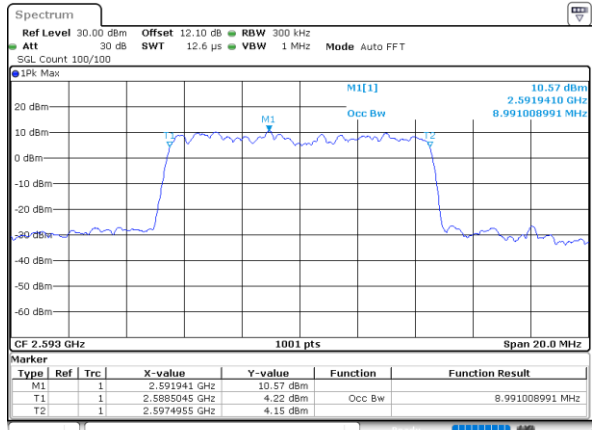
Date: 1.MAR.2021 23:07:52

Middle Channel / 5MHz / 64QAM



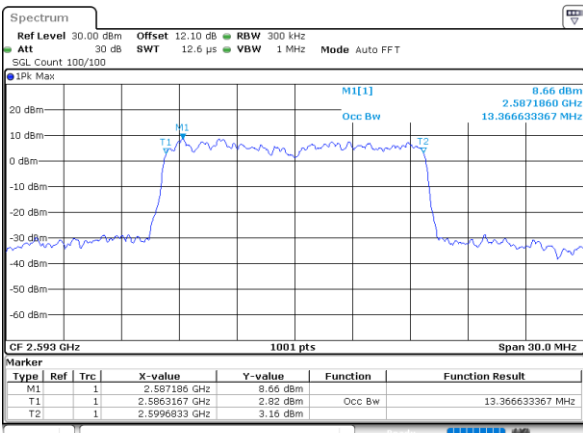
Date: 1.MAR.2021 23:11:32

Middle Channel / 10MHz / 64QAM



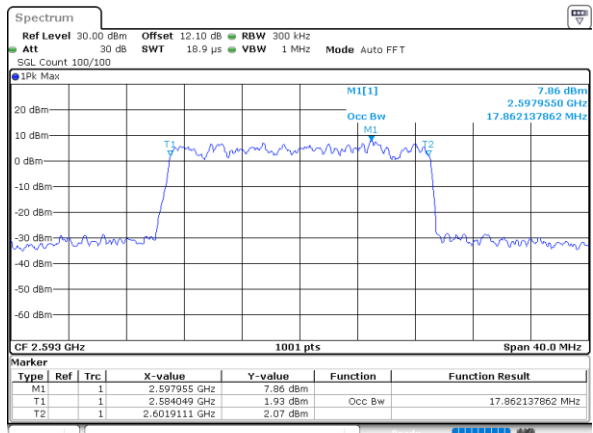
Date: 1.MAR.2021 23:14:26

Middle Channel / 15MHz / 64QAM



Date: 1.MAR.2021 23:16:41

Middle Channel / 20MHz / 64QAM



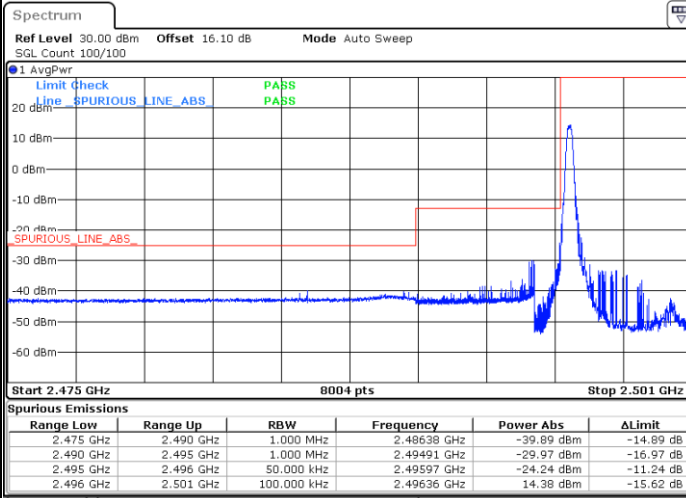
Date: 1.MAR.2021 23:20:46



Conducted Band Edge

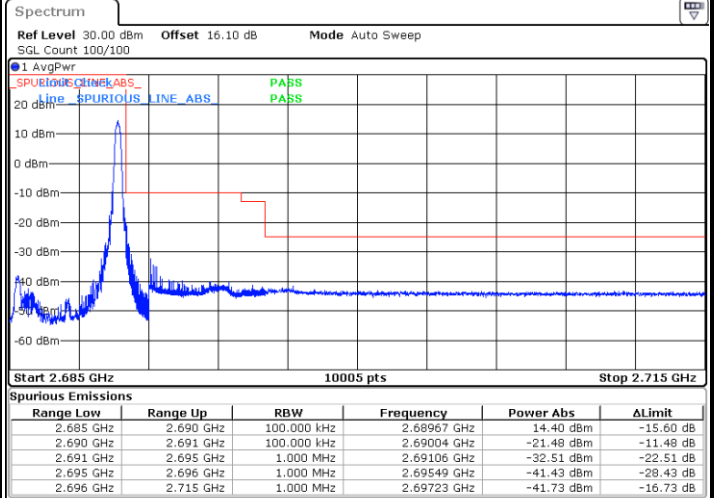
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



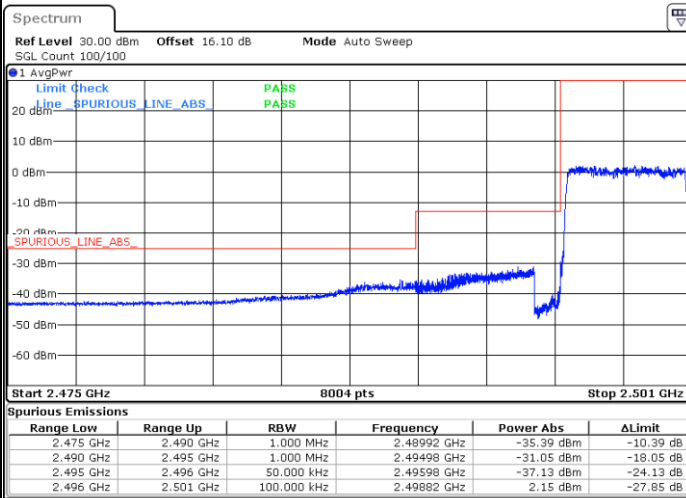
Date: 1.MAR.2021 23:32:20

Highest Band Edge / 1 RB



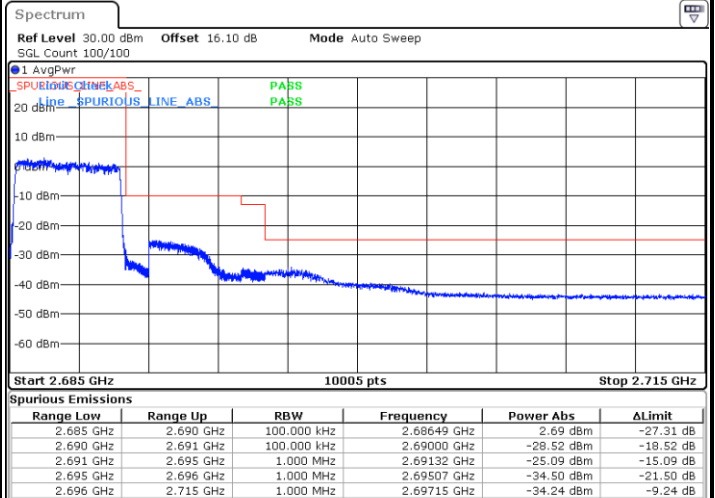
Date: 1.MAR.2021 23:34:55

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:33:19

Highest Band Edge / Full RB

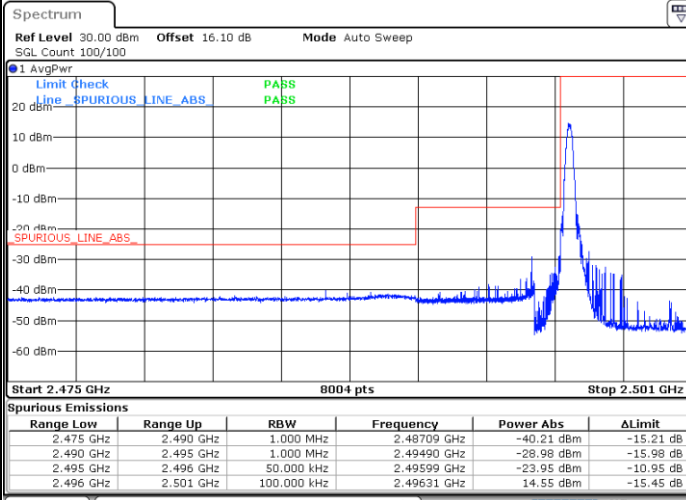


Date: 1.MAR.2021 23:35:54



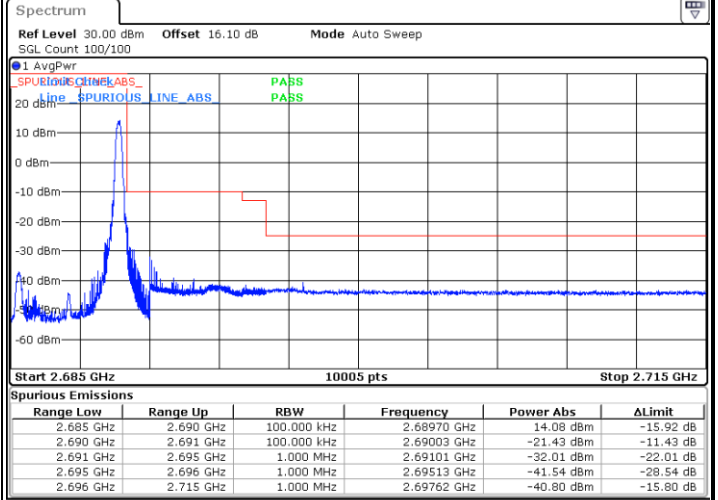
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



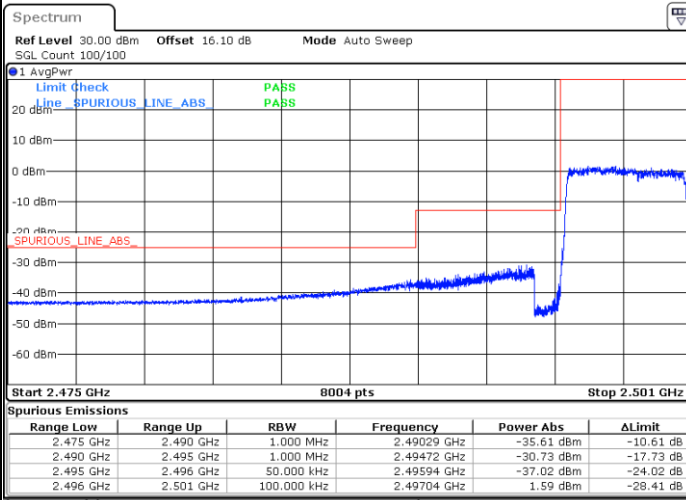
Date: 1.MAR.2021 23:32:50

Highest Band Edge / 1 RB



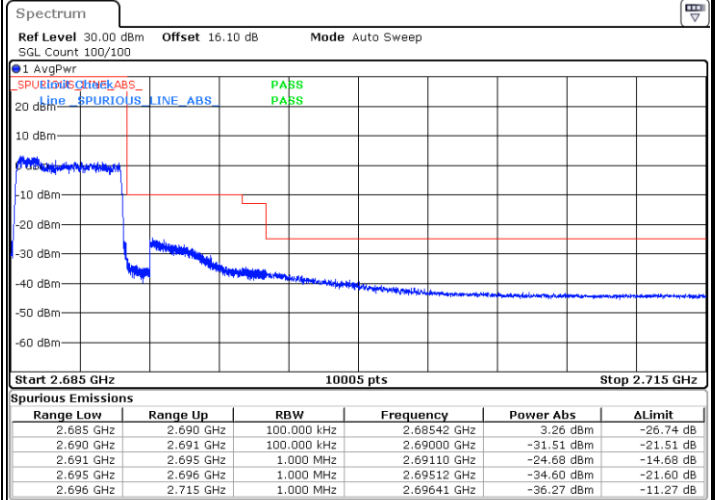
Date: 1.MAR.2021 23:35:25

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:33:48

Highest Band Edge / Full RB

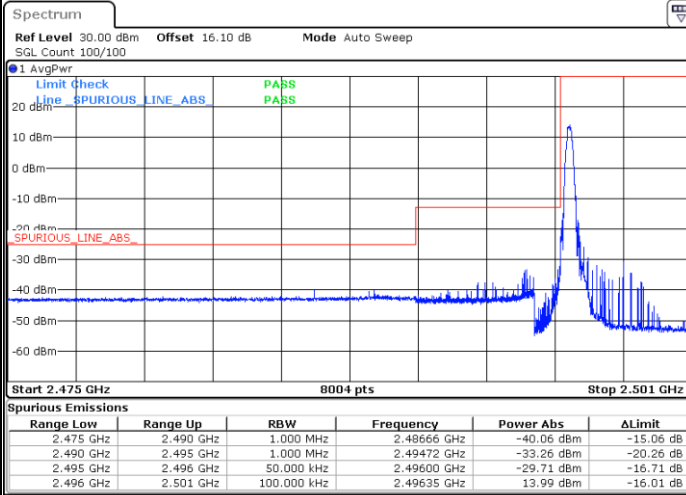


Date: 1.MAR.2021 23:36:23



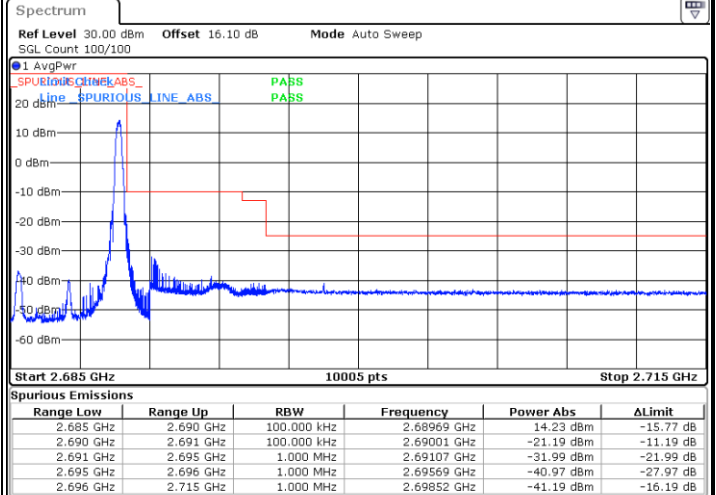
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



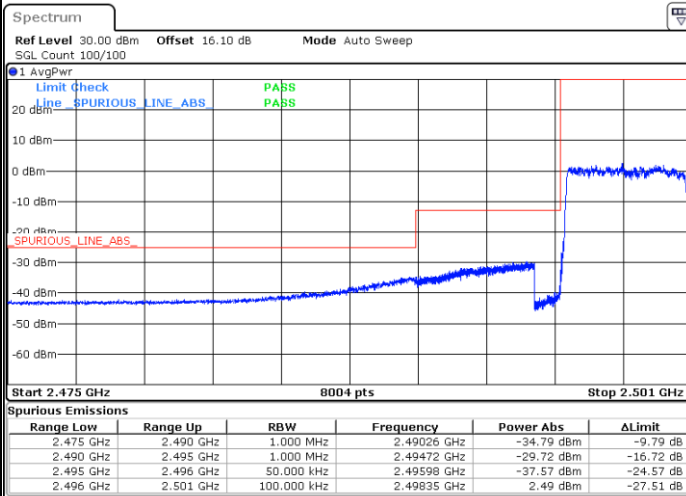
Date: 1.MAR.2021 23:37:30

Highest Band Edge / 1 RB



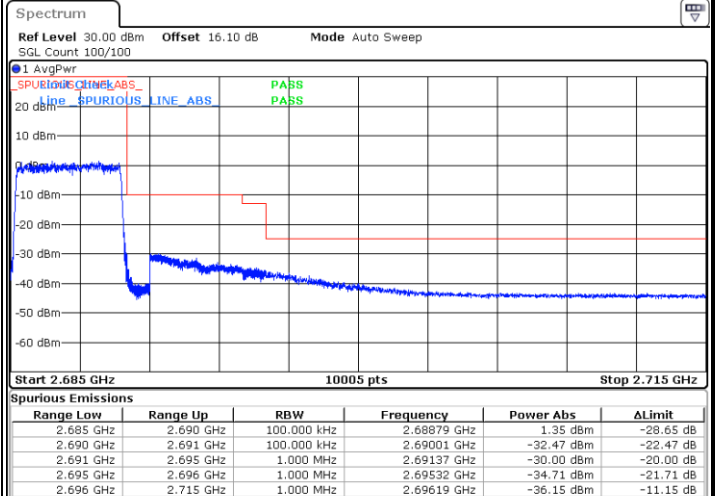
Date: 1.MAR.2021 23:39:07

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:37:59

Highest Band Edge / Full RB

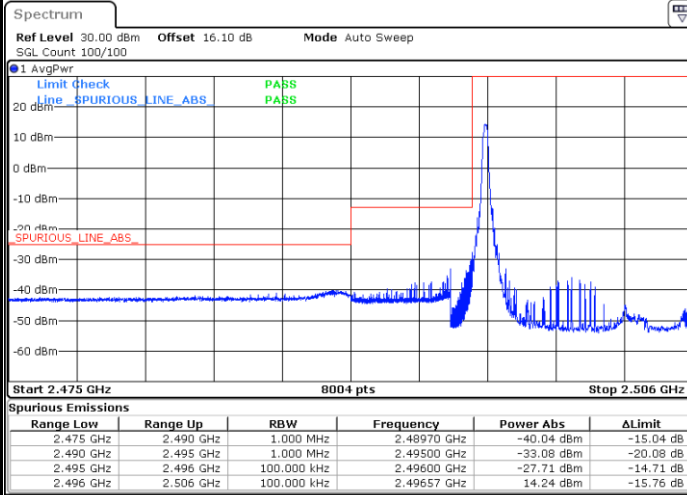


Date: 1.MAR.2021 23:39:36



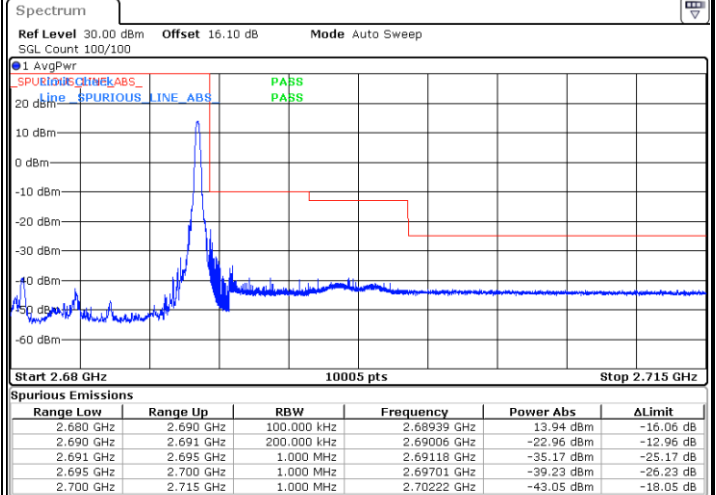
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



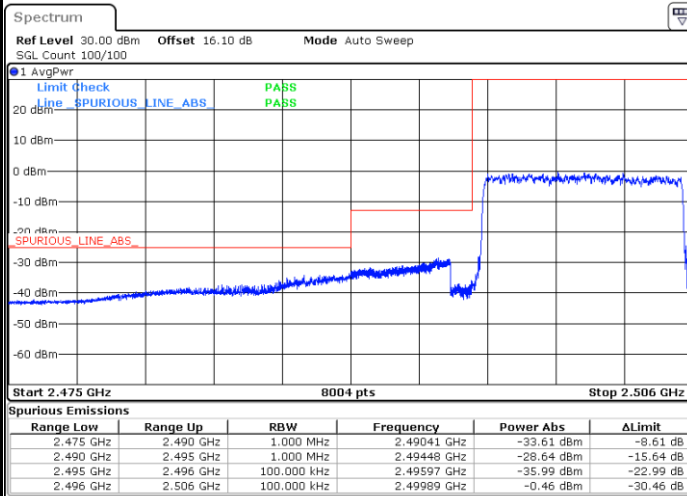
Date: 2.MAR.2021 01:13:41

Highest Band Edge / 1 RB



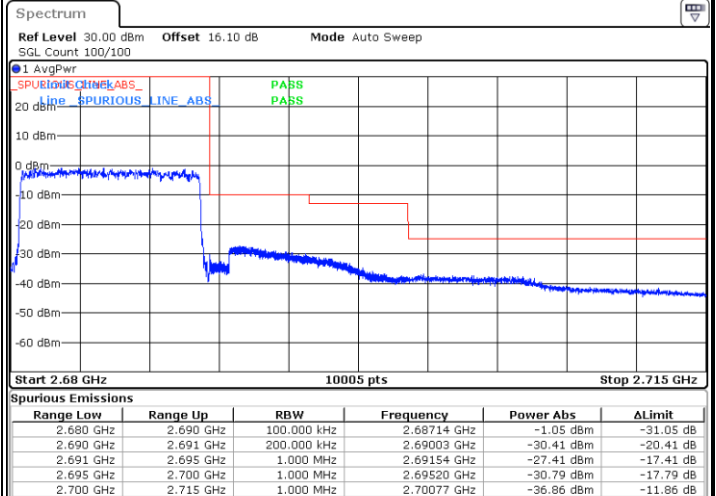
Date: 1.MAR.2021 23:43:19

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:41:42

Highest Band Edge / Full RB

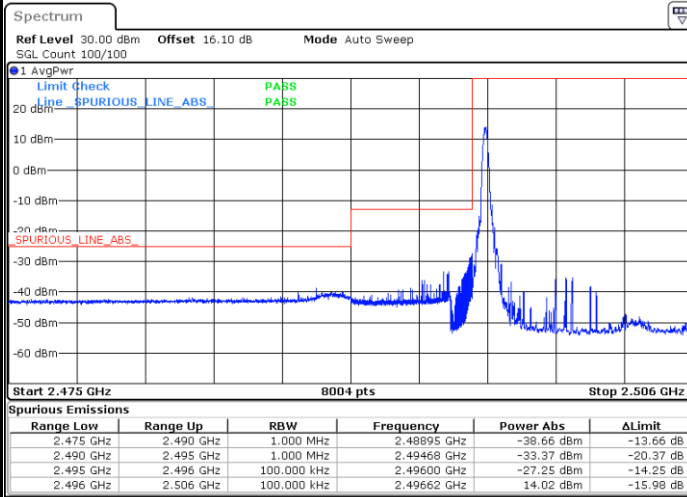


Date: 1.MAR.2021 23:44:17



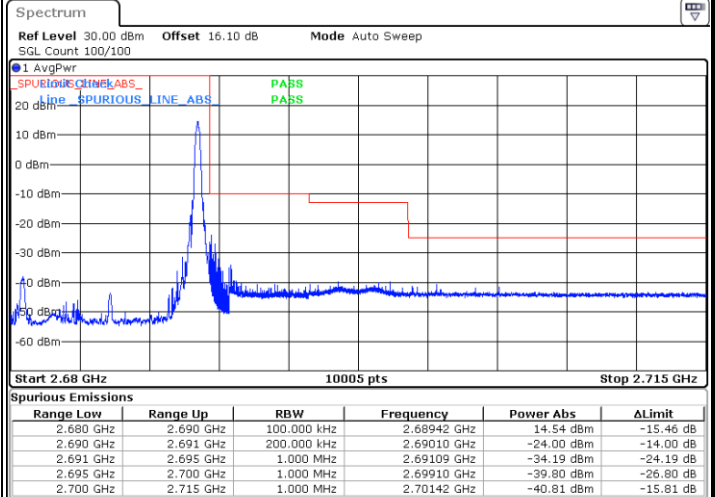
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



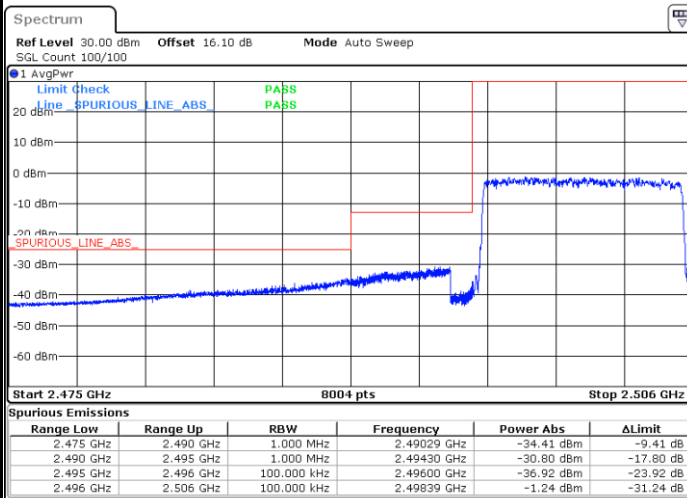
Date: 1.MAR.2021 23:41:13

Highest Band Edge / 1 RB



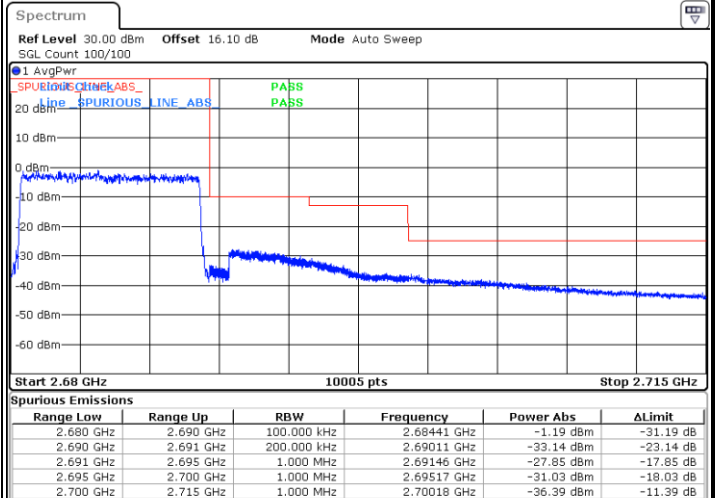
Date: 1.MAR.2021 23:43:48

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:42:12

Highest Band Edge / Full RB

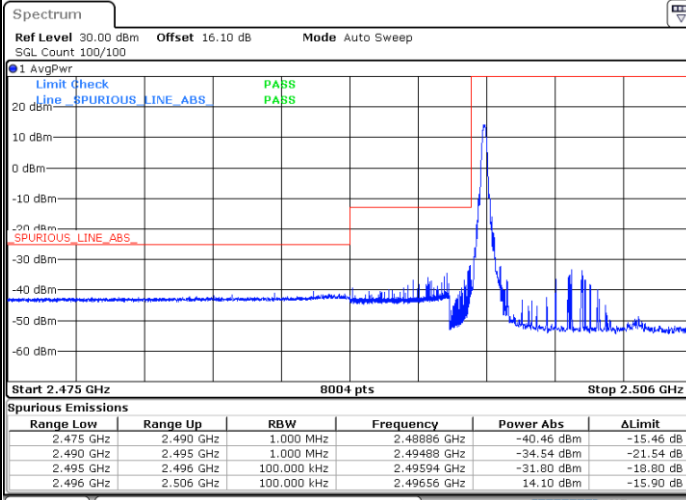


Date: 1.MAR.2021 23:44:46



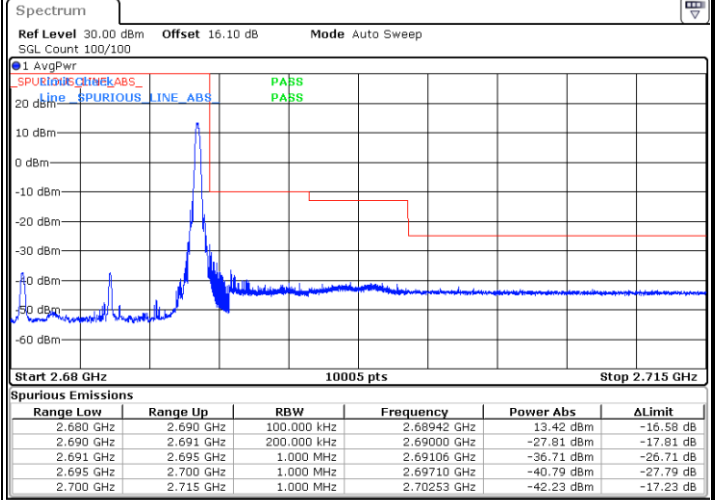
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



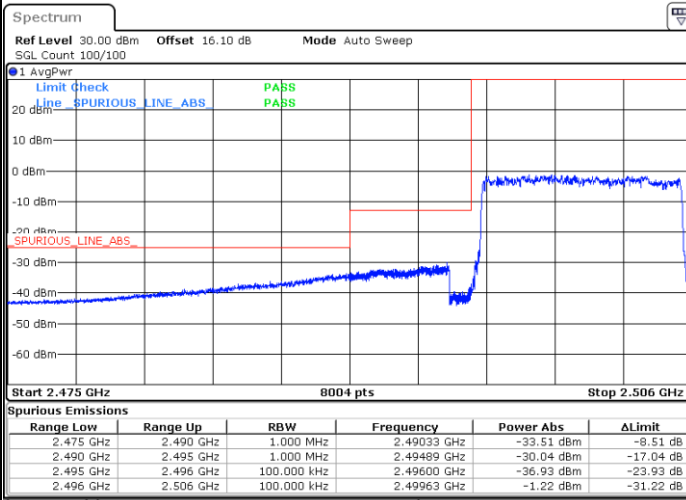
Date: 2.MAR.2021 01:14:22

Highest Band Edge / 1 RB



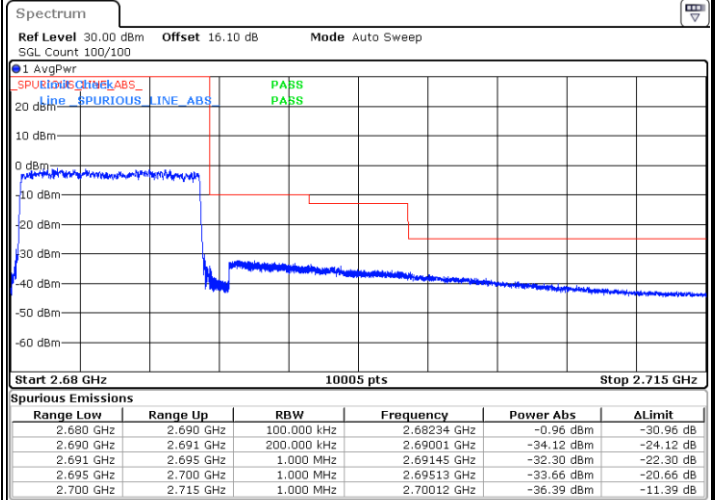
Date: 1.MAR.2021 23:47:30

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:46:23

Highest Band Edge / Full RB

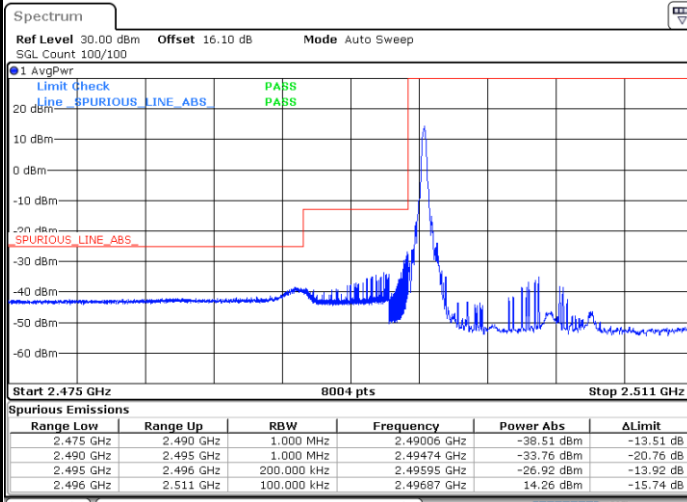


Date: 1.MAR.2021 23:47:59



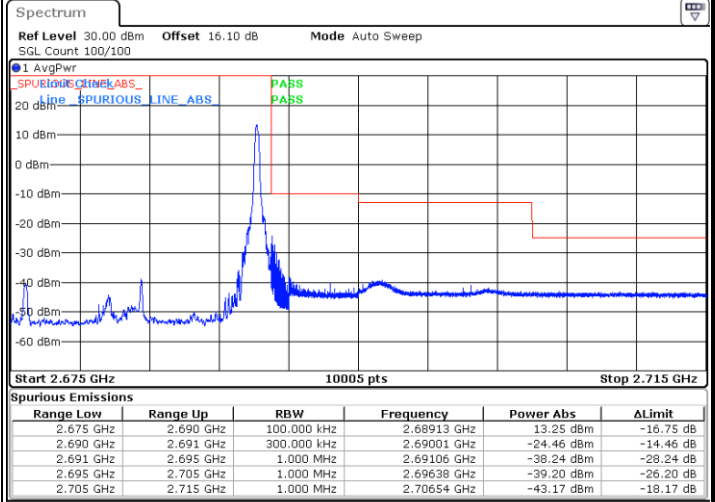
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



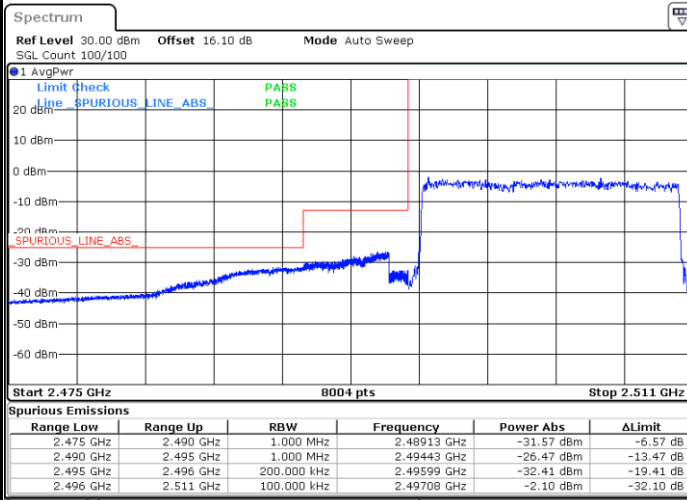
Date: 1.MAR.2021 23:52:48

Highest Band Edge / 1 RB



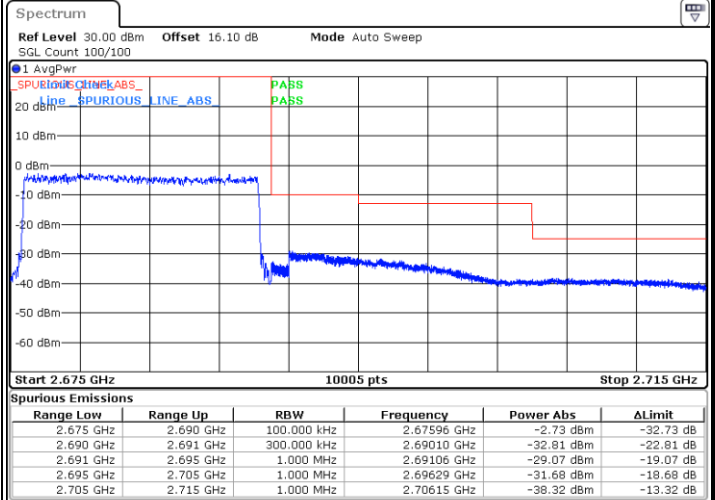
Date: 1.MAR.2021 23:55:51

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:53:47

Highest Band Edge / Full RB

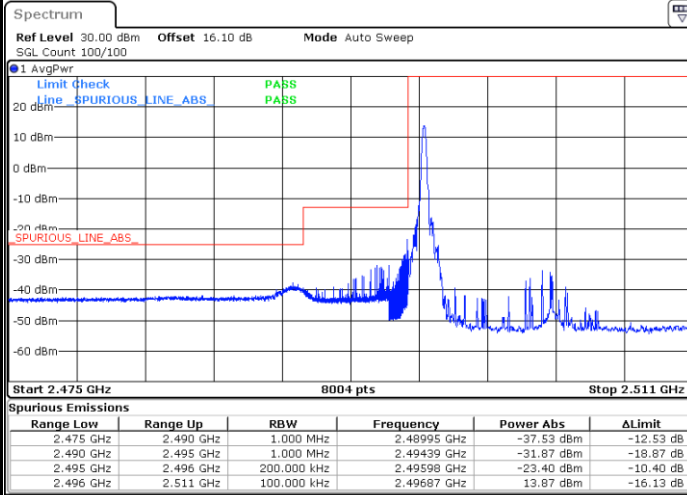


Date: 1.MAR.2021 23:56:49



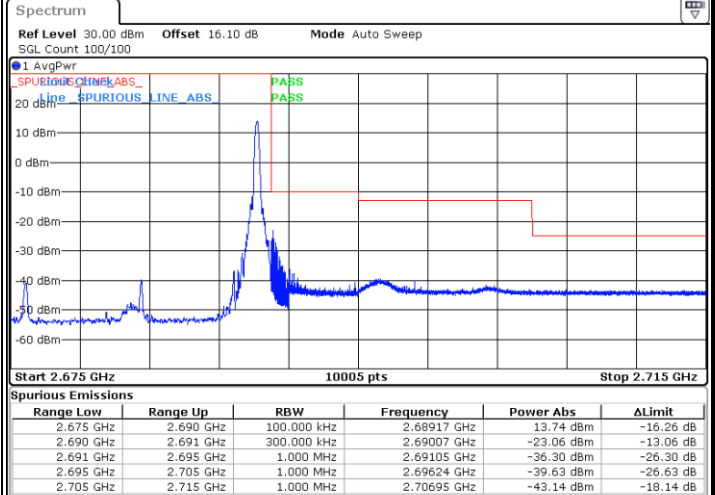
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



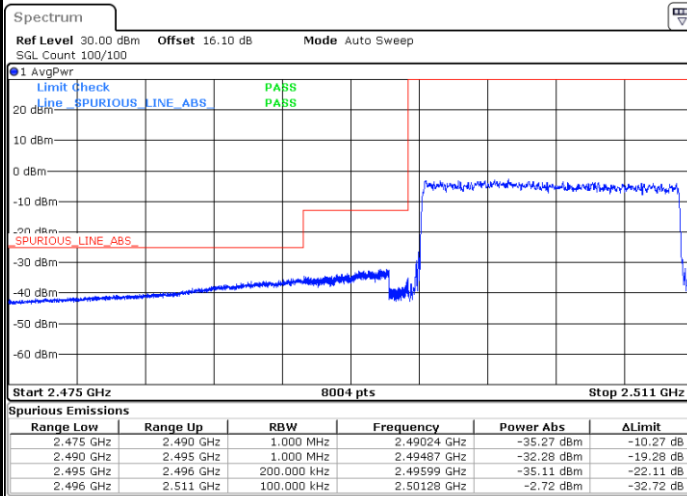
Date: 1.MAR.2021 23:53:18

Highest Band Edge / 1 RB



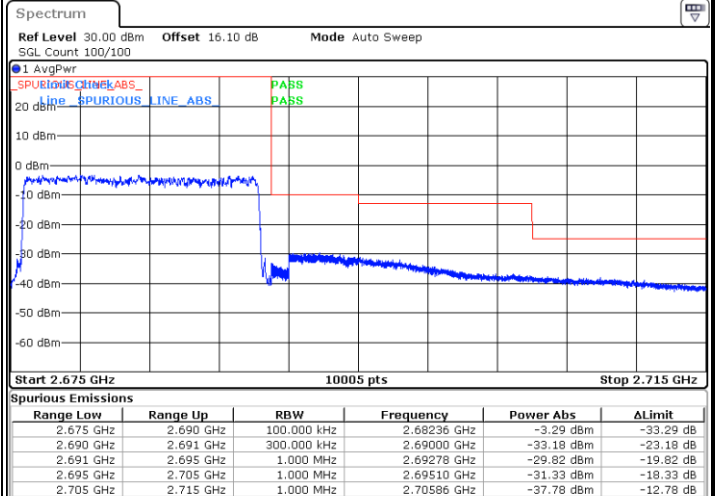
Date: 1.MAR.2021 23:56:20

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:54:16

Highest Band Edge / Full RB

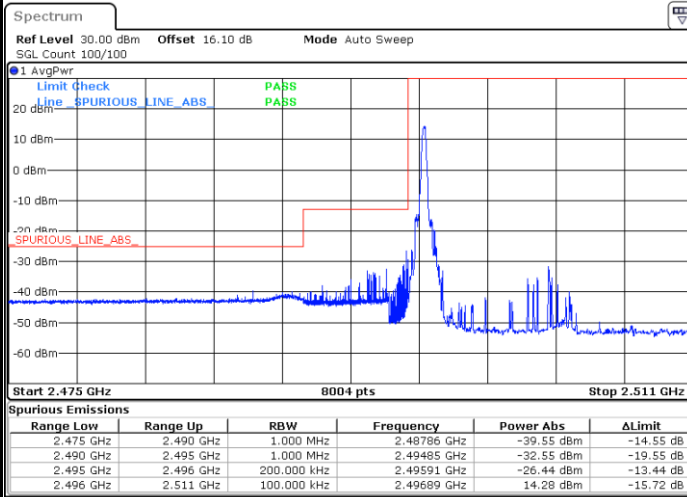


Date: 1.MAR.2021 23:57:18



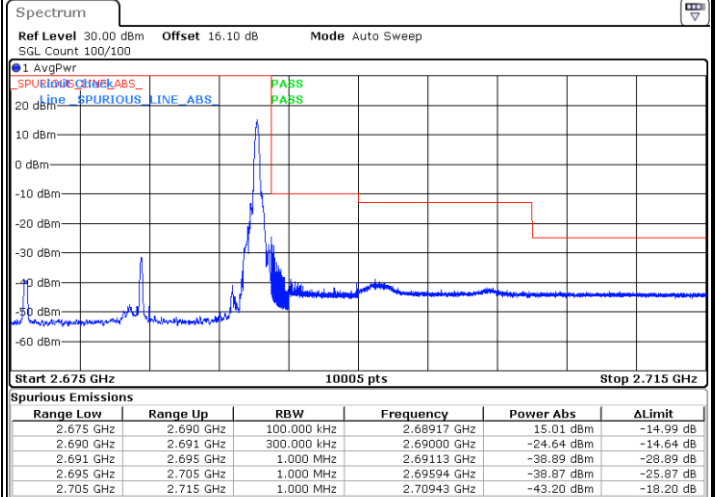
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



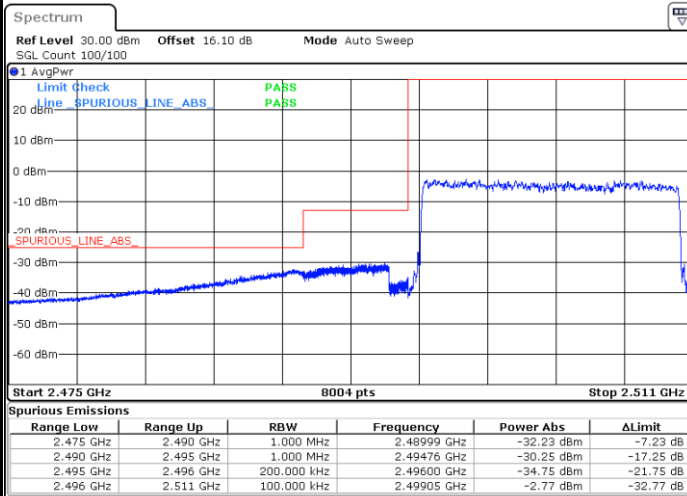
Date: 1.MAR.2021 23:49:35

Highest Band Edge / 1 RB



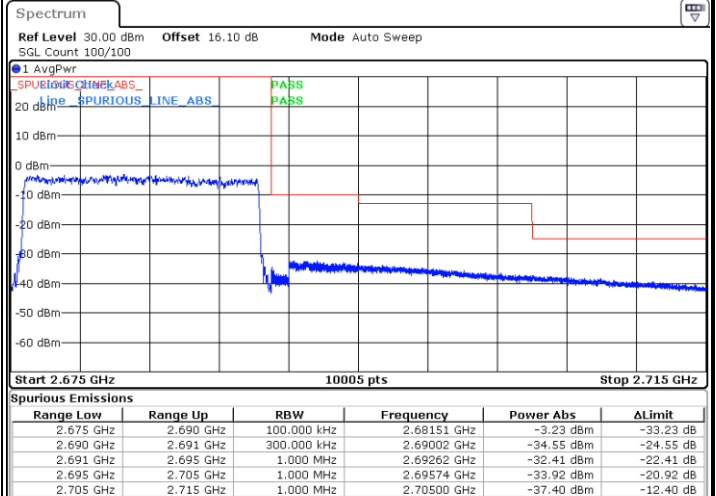
Date: 1.MAR.2021 23:51:12

Lowest Band Edge / Full RB



Date: 1.MAR.2021 23:50:04

Highest Band Edge / Full RB

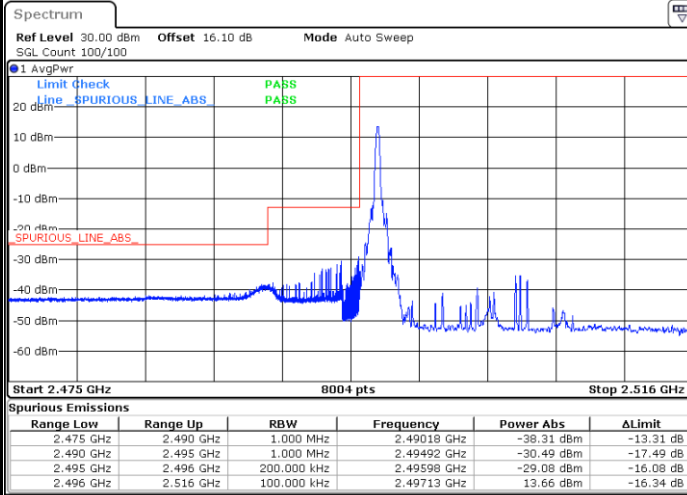


Date: 1.MAR.2021 23:51:41



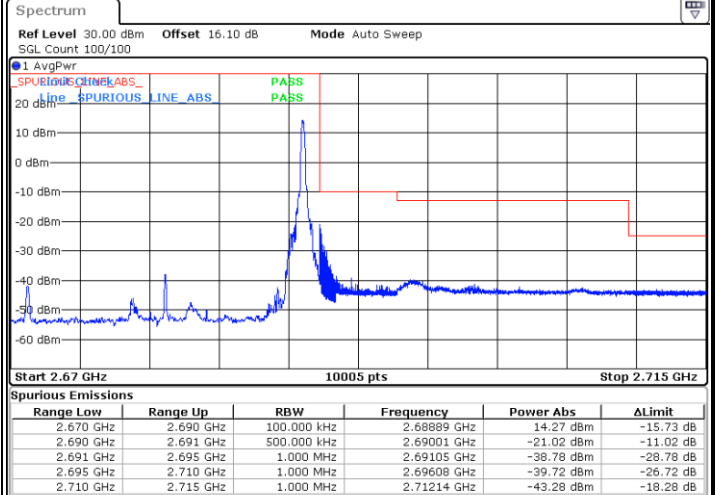
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



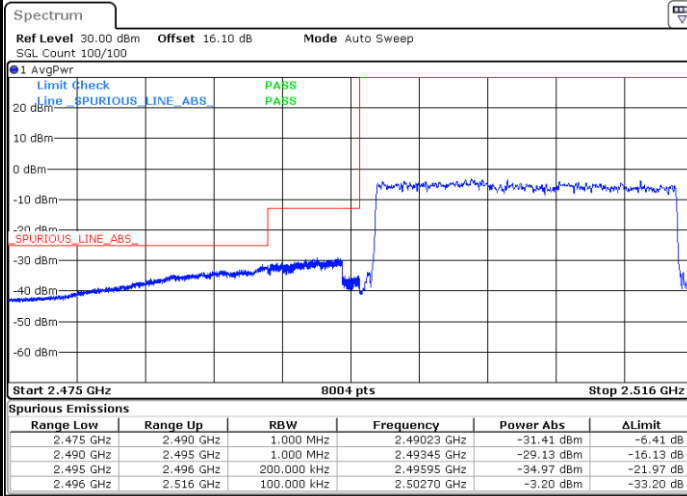
Date: 1.MAR.2021 23:58:26

Highest Band Edge / 1 RB



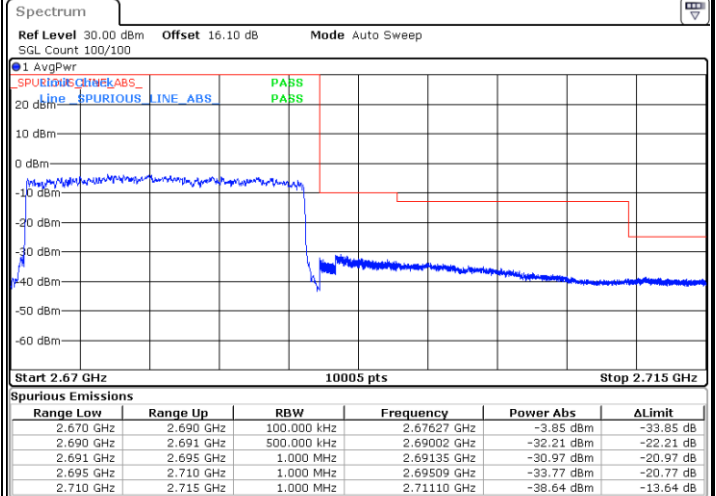
Date: 2.MAR.2021 00:01:40

Lowest Band Edge / Full RB



Date: 2.MAR.2021 01:15:59

Highest Band Edge / Full RB

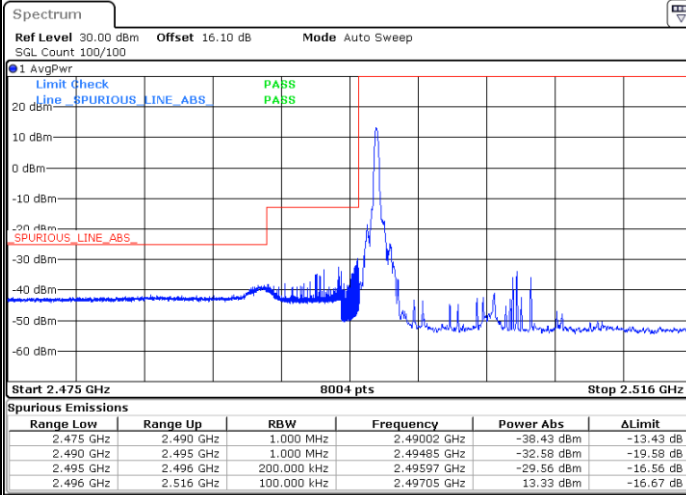


Date: 2.MAR.2021 00:32:41



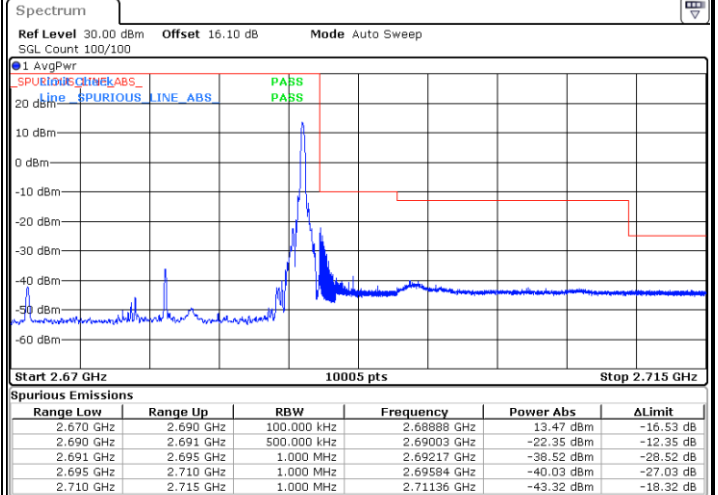
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



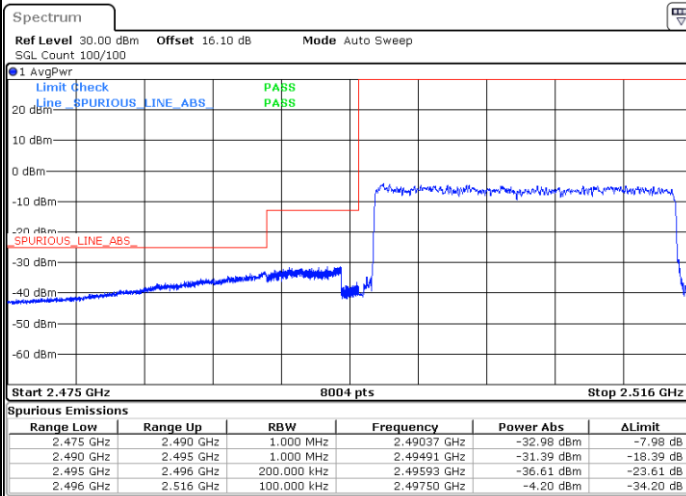
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Highest Band Edge / 1 RB



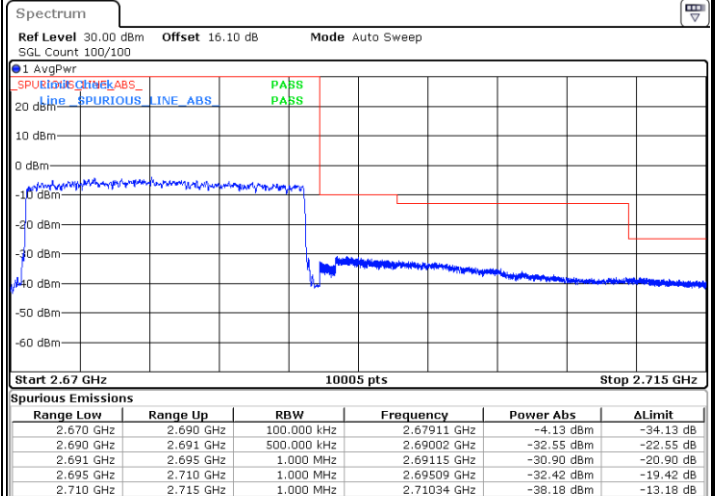
Date: 2.MAR.2021 00:02:09

Lowest Band Edge / Full RB



Date: 2.MAR.2021 00:00:32

Highest Band Edge / Full RB

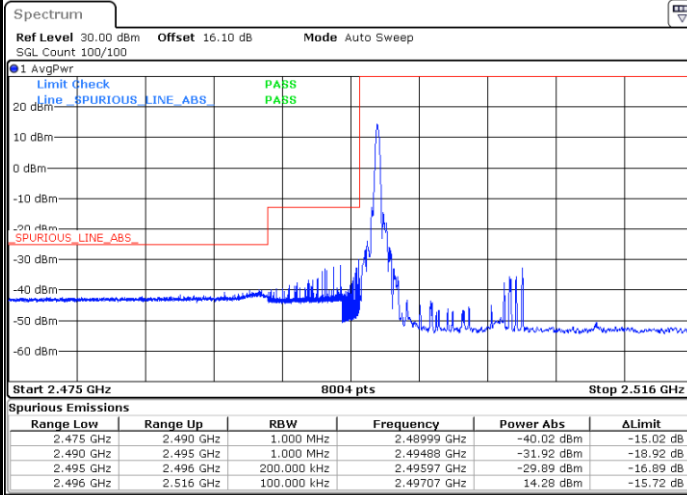


Date: 2.MAR.2021 00:02:38



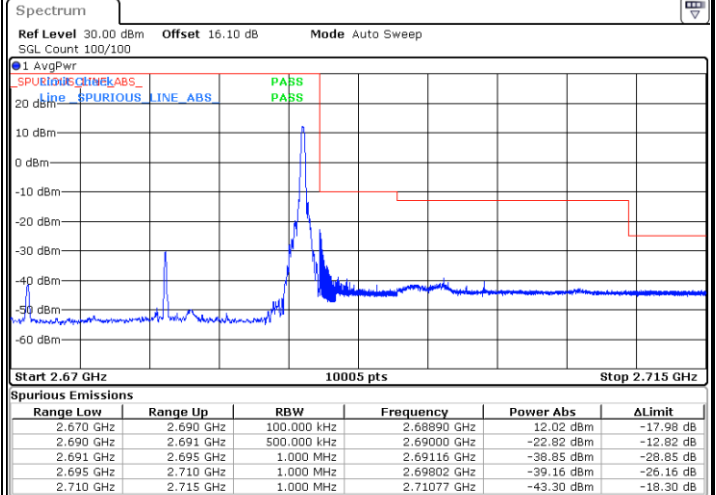
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



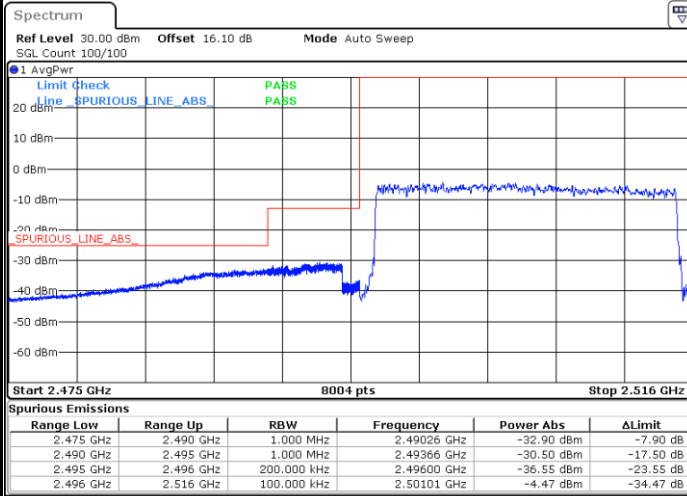
Date: 2.MAR.2021 00:33:49

Highest Band Edge / 1 RB



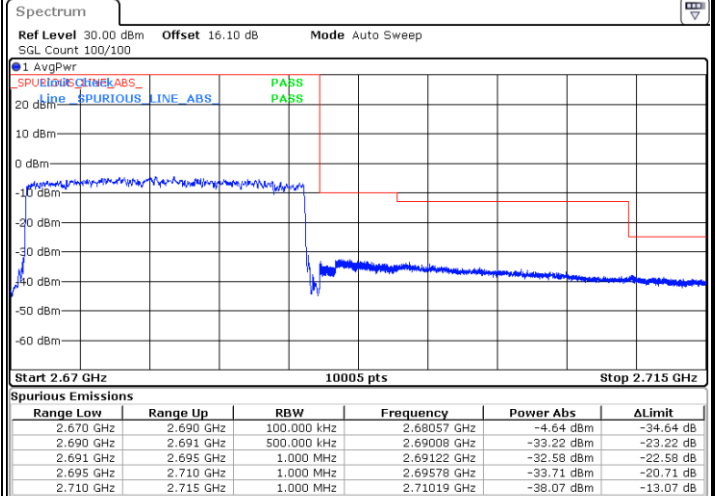
Date: 2.MAR.2021 00:44:37

Lowest Band Edge / Full RB



Date: 2.MAR.2021 00:43:29

Highest Band Edge / Full RB



Date: 2.MAR.2021 00:45:05

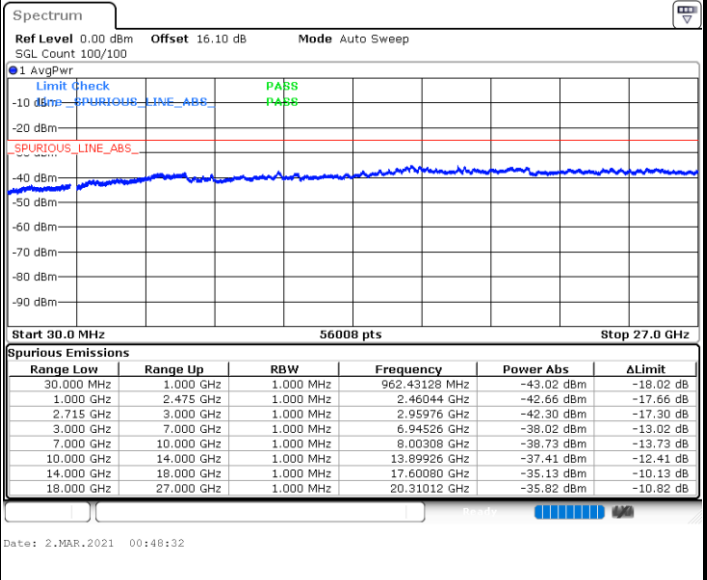
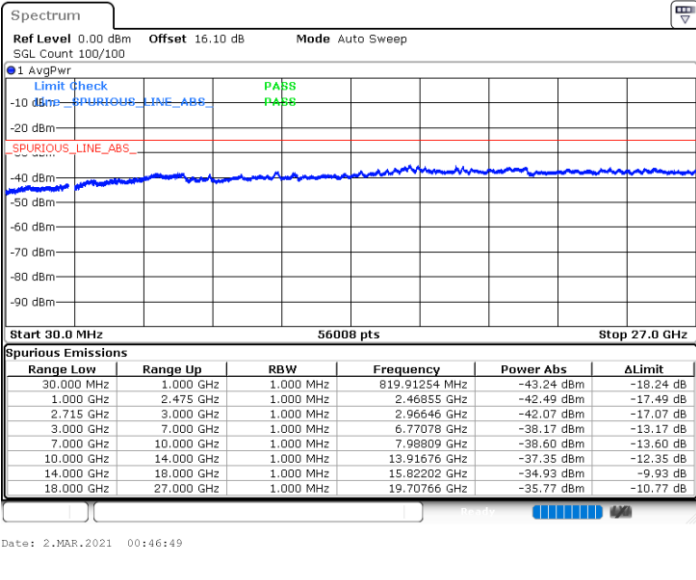


Conducted Spurious Emission

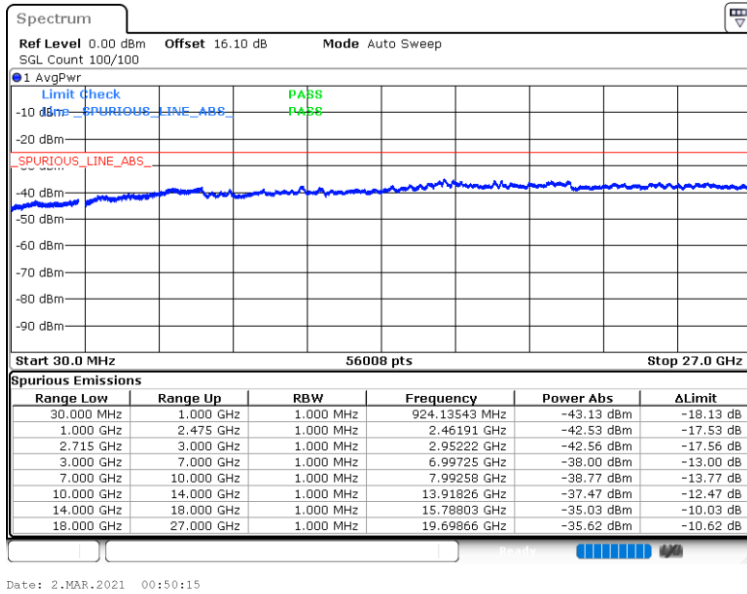
LTE Band 41 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

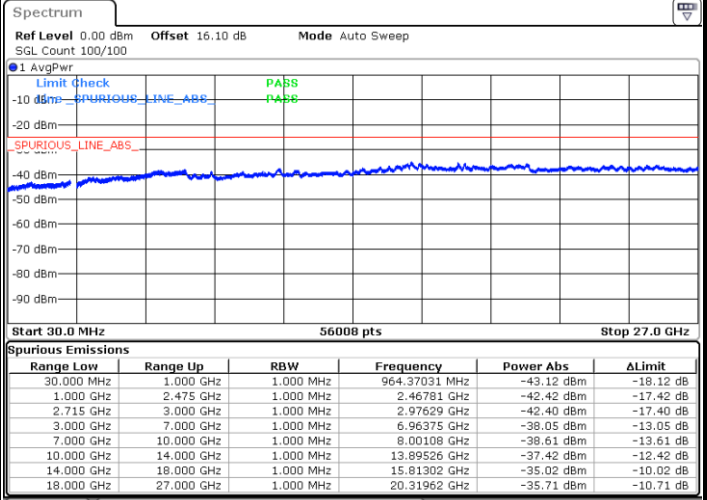
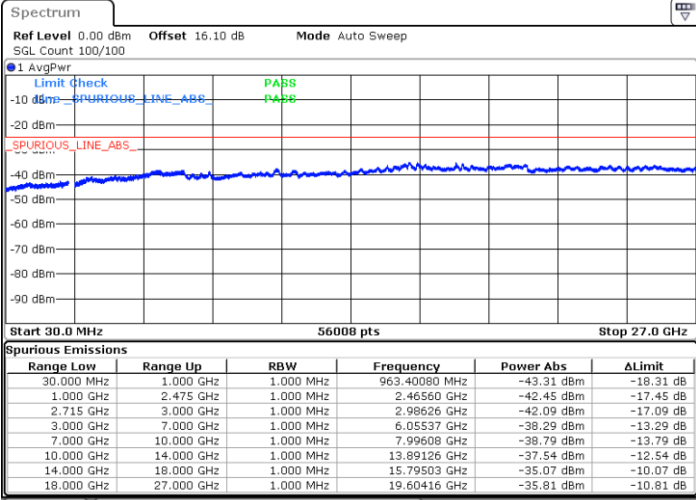




LTE Band 41 / 10MHz

Lowest Channel / QPSK

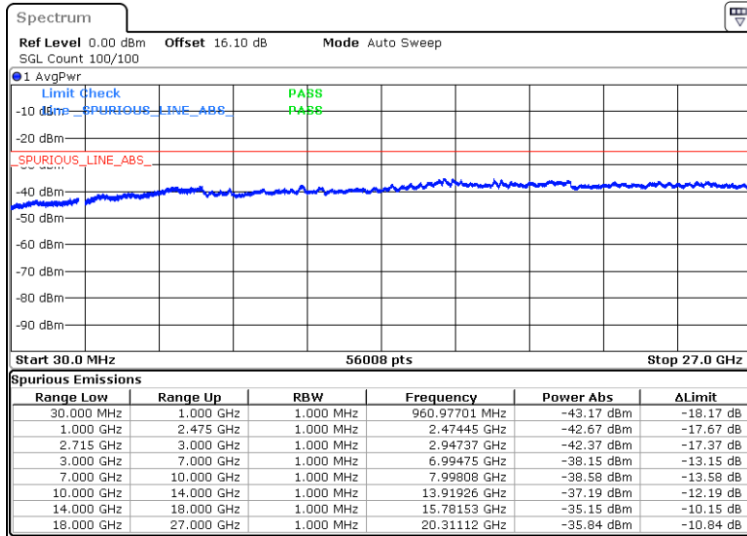
Middle Channel / QPSK



Date: 2.MAR.2021 00:51:58

Date: 2.MAR.2021 00:53:41

Highest Channel / QPSK



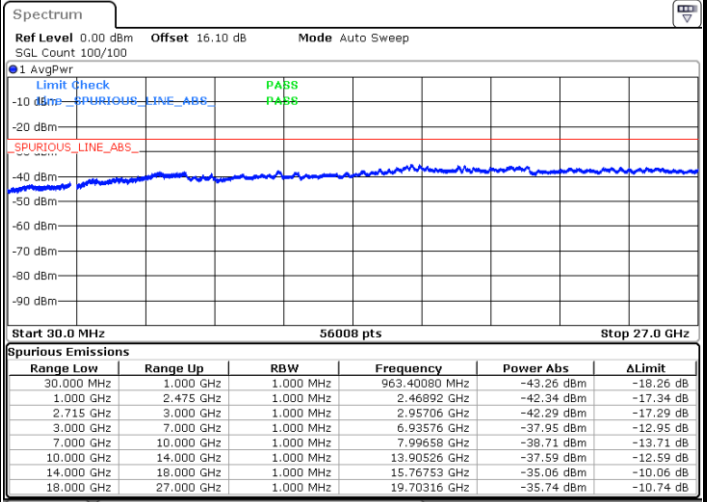
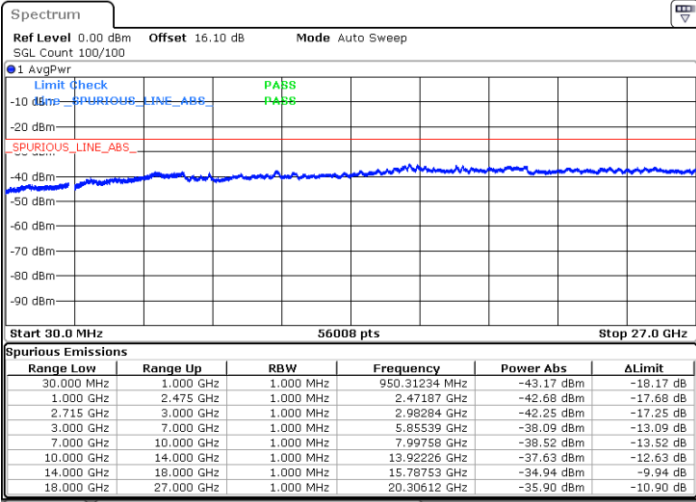
Date: 2.MAR.2021 00:55:24



LTE Band 41 / 15MHz

Lowest Channel / QPSK

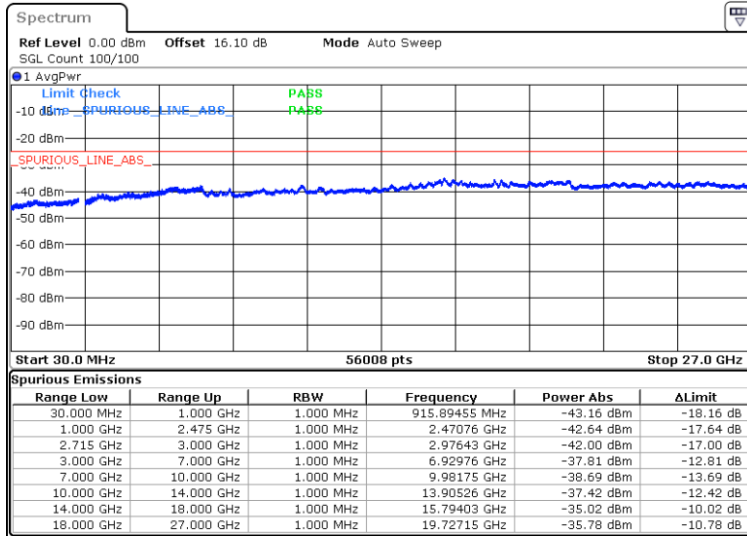
Middle Channel / QPSK



Date: 2.MAR.2021 00:57:08

Date: 2.MAR.2021 01:02:07

Highest Channel / QPSK



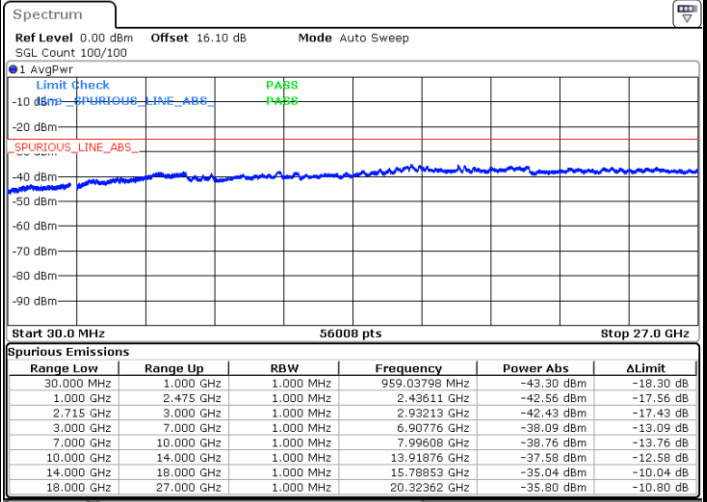
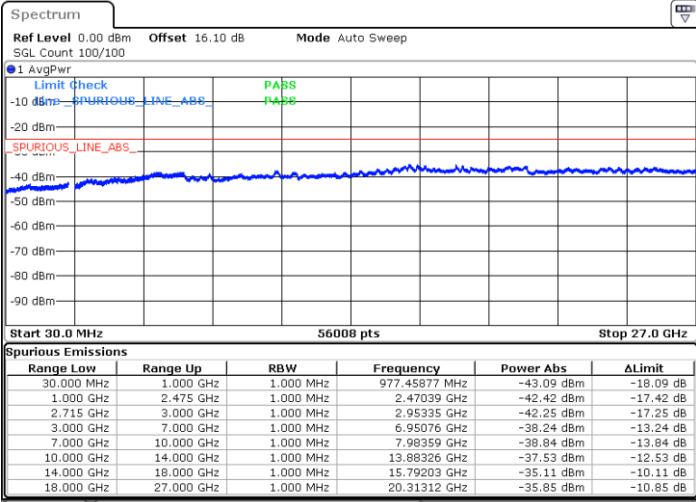
Date: 2.MAR.2021 01:03:49



LTE Band 41 / 20MHz

Lowest Channel / QPSK

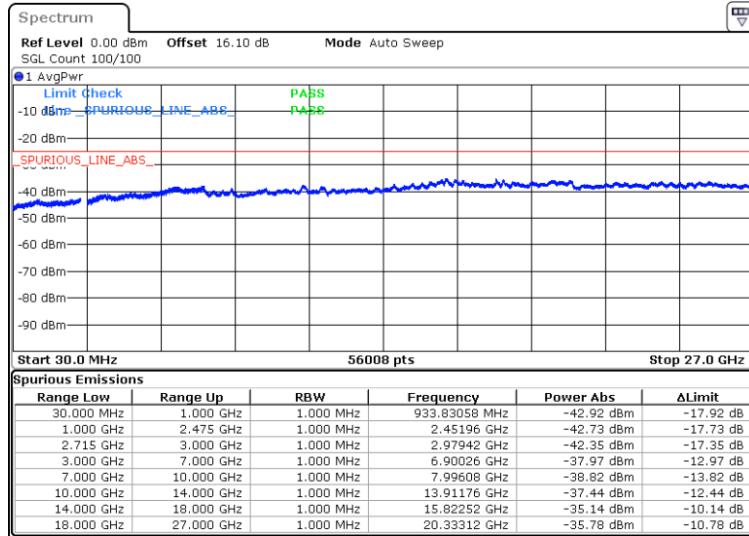
Middle Channel / QPSK



Date: 2.MAR.2021 01:05:33

Date: 2.MAR.2021 01:11:39

Highest Channel / QPSK



Date: 2.MAR.2021 01:12:44



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0035	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0037	

Note:

- 1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.67 V. ; Maximum Voltage =4.26 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

LTE Band 4 / 1.4MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	20.02	0.1005	18.00	0.0631
Middle		6	0	20.11	0.1026	18.09	0.0644
Highest		6	0	20.22	0.1052	18.20	0.0661
Lowest	16QAM	1	3	19.81	0.0957	17.79	0.0601
Middle		1	3	19.97	0.0993	17.95	0.0624
Highest		1	3	20.02	0.1005	18.00	0.0631
Lowest	64QAM	1	3	19.76	0.0946	17.74	0.0594
Middle		1	3	19.92	0.0982	17.90	0.0617
Highest		1	3	19.95	0.0989	17.93	0.0621
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	4	20.09	0.1021	18.07	0.0641
Middle		8	4	20.31	0.1074	18.29	0.0675
Highest		8	4	20.33	0.1079	18.31	0.0678
Lowest	16QAM	1	8	19.94	0.0986	17.92	0.0619
Middle		1	8	20.03	0.1007	18.01	0.0632
Highest		1	8	20.09	0.1021	18.07	0.0641
Lowest	64QAM	1	8	19.82	0.0959	17.80	0.0603
Middle		1	8	20.01	0.1002	17.99	0.0630
Highest		1	8	20.02	0.1005	18.00	0.0631
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	20.12	0.1028	18.10	0.0646
Middle		12	7	20.24	0.1057	18.22	0.0664
Highest		12	7	20.31	0.1074	18.29	0.0675
Lowest	16QAM	1	24	19.81	0.0957	17.79	0.0601
Middle		1	24	20.00	0.1000	17.98	0.0628
Highest		1	24	20.06	0.1014	18.04	0.0637
Lowest	64QAM	1	0	19.75	0.0944	17.73	0.0593
Middle		1	0	19.86	0.0968	17.84	0.0608
Highest		1	0	19.97	0.0993	17.95	0.0624
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	25	20.15	0.1035	18.13	0.0650
Middle		25	25	20.35	0.1084	18.33	0.0681
Highest		25	25	20.39	0.1094	18.37	0.0687
Lowest	16QAM	1	25	19.87	0.0971	17.85	0.0610
Middle		1	25	20.07	0.1016	18.05	0.0638
Highest		1	25	20.14	0.1033	18.12	0.0649
Lowest	64QAM	1	25	19.83	0.0962	17.81	0.0604
Middle		1	25	20.01	0.1002	17.99	0.0630
Highest		1	25	20.08	0.1019	18.06	0.0640
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	20.19	0.1045	18.17	0.0656
Middle		36	20	20.23	0.1054	18.21	0.0662
Highest		36	20	20.35	0.1084	18.33	0.0681
Lowest	16QAM	1	0	19.94	0.0986	17.92	0.0619
Middle		1	0	20.02	0.1005	18.00	0.0631
Highest		1	0	20.14	0.1033	18.12	0.0649
Lowest	64QAM	1	0	19.83	0.0962	17.81	0.0604
Middle		1	0	19.85	0.0966	17.83	0.0607
Highest		1	0	20.02	0.1005	18.00	0.0631
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	0	20.23	0.1054	18.21	0.0662
Middle		50	0	20.31	0.1074	18.29	0.0675
Highest		50	0	20.40	0.1096	18.38	0.0689
Lowest	16QAM	1	0	19.98	0.0995	17.96	0.0625
Middle		1	0	20.03	0.1007	18.01	0.0632
Highest		1	0	20.17	0.1040	18.15	0.0653
Lowest	64QAM	1	0	19.81	0.0957	17.79	0.0601
Middle		1	0	19.86	0.0968	17.84	0.0608
Highest		1	0	20.03	0.1007	18.01	0.0632
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = -2.07 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	1	24.25	0.2661	20.03	0.1007
Middle		3	1	24.18	0.2618	19.96	0.0991
Highest		3	1	24.19	0.2624	19.97	0.0993
Lowest	16QAM	1	3	23.54	0.2259	19.32	0.0855
Middle		1	3	23.55	0.2265	19.33	0.0857
Highest		1	3	23.52	0.2249	19.30	0.0851
Lowest	64QAM	1	3	22.51	0.1782	18.29	0.0675
Middle		1	3	22.49	0.1774	18.27	0.0671
Highest		1	3	21.78	0.1507	17.56	0.0570
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = -2.07 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.30	0.2692	20.08	0.1019
Middle		1	0	24.24	0.2655	20.02	0.1005
Highest		1	0	24.28	0.2679	20.06	0.1014
Lowest	16QAM	1	8	23.64	0.2312	19.42	0.0875
Middle		1	8	23.63	0.2307	19.41	0.0873
Highest		1	8	23.57	0.2275	19.35	0.0861
Lowest	64QAM	1	8	22.57	0.1807	18.35	0.0684
Middle		1	8	22.49	0.1774	18.27	0.0671
Highest		1	8	21.70	0.1479	17.48	0.0560
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = -2.07 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.27	0.2673	20.05	0.1012
Middle		1	0	24.26	0.2667	20.04	0.1009
Highest		1	0	24.23	0.2649	20.01	0.1002
Lowest	16QAM	1	0	23.67	0.2328	19.45	0.0881
Middle		1	0	23.60	0.2291	19.38	0.0867
Highest		1	0	23.67	0.2328	19.45	0.0881
Lowest	64QAM	1	0	22.62	0.1828	18.40	0.0692
Middle		1	0	22.44	0.1754	18.22	0.0664
Highest		1	0	22.07	0.1611	17.85	0.0610
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = -2.07 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.31	0.2698	20.09	0.1021
Middle		1	0	24.25	0.2661	20.03	0.1007
Highest		1	0	24.23	0.2649	20.01	0.1002
Lowest	16QAM	1	0	23.63	0.2307	19.41	0.0873
Middle		1	0	23.56	0.2270	19.34	0.0859
Highest		1	0	23.58	0.2280	19.36	0.0863
Lowest	64QAM	1	0	22.52	0.1786	18.30	0.0676
Middle		1	0	22.42	0.1746	18.20	0.0661
Highest		1	0	22.43	0.1750	18.21	0.0662
Limit	ERP < 7W			Result		PASS	



LTE Band 7 / 5MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	20.27	0.1064	18.25	0.0668
Middle		12	7	20.34	0.1081	18.32	0.0679
Highest		12	7	20.47	0.1114	18.45	0.0700
Lowest	16QAM	1	0	19.97	0.0993	17.95	0.0624
Middle		1	0	19.95	0.0989	17.93	0.0621
Highest		1	0	20.19	0.1045	18.17	0.0656
Lowest	64QAM	1	24	19.90	0.0977	17.88	0.0614
Middle		1	24	19.95	0.0989	17.93	0.0621
Highest		1	24	20.16	0.1038	18.14	0.0652
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 10MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	25	20.34	0.1081	18.32	0.0679
Middle		25	25	20.37	0.1089	18.35	0.0684
Highest		25	25	20.52	0.1127	18.50	0.0708
Lowest	16QAM	1	49	20.07	0.1016	18.05	0.0638
Middle		1	49	20.08	0.1019	18.06	0.0640
Highest		1	49	20.29	0.1069	18.27	0.0671
Lowest	64QAM	1	25	19.93	0.0984	17.91	0.0618
Middle		1	25	20.01	0.1002	17.99	0.0630
Highest		1	25	20.17	0.1040	18.15	0.0653
Limit	EIRP < 2W			Result		PASS	

LTE Band 7 / 15MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	39	20.40	0.1096	18.38	0.0689
Middle		36	39	20.43	0.1104	18.41	0.0693
Highest		36	39	20.58	0.1143	18.56	0.0718
Lowest	16QAM	1	0	20.02	0.1005	18.00	0.0631
Middle		1	0	20.03	0.1007	18.01	0.0632
Highest		1	0	20.25	0.1059	18.23	0.0665
Lowest	64QAM	1	37	19.99	0.0998	17.97	0.0627
Middle		1	37	20.01	0.1002	17.99	0.0630
Highest		1	37	20.18	0.1042	18.16	0.0655
Limit	EIRP < 2W			Result		PASS	



LTE Band 7 / 20MHz (Average) (GT - LC = -2.02 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	24	20.42	0.1102	18.40	0.0692
Middle		50	24	20.43	0.1104	18.41	0.0693
Highest		50	24	20.59	0.1146	18.57	0.0719
Lowest	16QAM	1	49	20.12	0.1028	18.10	0.0646
Middle		1	49	20.09	0.1021	18.07	0.0641
Highest		1	49	20.24	0.1057	18.22	0.0664
Lowest	64QAM	1	99	20.03	0.1007	18.01	0.0632
Middle		1	99	20.07	0.1016	18.05	0.0638
Highest		1	99	20.17	0.1040	18.15	0.0653
Limit	EIRP < 2W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -4.76 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	24.23	0.2649	17.32	0.0540
Middle		1	3	24.37	0.2735	17.46	0.0557
Highest		1	3	24.33	0.2710	17.42	0.0552
Lowest	16QAM	1	3	23.56	0.2270	16.65	0.0462
Middle		1	3	23.73	0.2360	16.82	0.0481
Highest		1	3	23.61	0.2296	16.70	0.0468
Lowest	64QAM	1	3	21.55	0.1429	14.64	0.0291
Middle		1	3	22.64	0.1837	15.73	0.0374
Highest		1	3	21.85	0.1531	14.94	0.0312
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -4.76 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	24.14	0.2594	17.23	0.0528
Middle		1	0	24.42	0.2767	17.51	0.0564
Highest		1	0	24.37	0.2735	17.46	0.0557
Lowest	16QAM	1	0	23.41	0.2193	16.50	0.0447
Middle		1	0	23.74	0.2366	16.83	0.0482
Highest		1	0	23.71	0.2350	16.80	0.0479
Lowest	64QAM	1	8	21.71	0.1483	14.80	0.0302
Middle		1	8	22.75	0.1884	15.84	0.0384
Highest		1	8	21.68	0.1472	14.77	0.0300
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -4.76 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.38	0.2742	17.47	0.0558
Middle		1	12	24.42	0.2767	17.51	0.0564
Highest		1	12	24.41	0.2761	17.50	0.0562
Lowest	16QAM	1	12	23.65	0.2317	16.74	0.0472
Middle		1	12	23.75	0.2371	16.84	0.0483
Highest		1	12	23.66	0.2323	16.75	0.0473
Lowest	64QAM	1	12	21.64	0.1459	14.73	0.0297
Middle		1	12	22.67	0.1849	15.76	0.0377
Highest		1	12	21.81	0.1517	14.90	0.0309
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -4.76 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	24.46	0.2793	17.55	0.0569
Middle		1	49	24.37	0.2735	17.46	0.0557
Highest		1	49	24.35	0.2723	17.44	0.0555
Lowest	16QAM	1	49	23.79	0.2393	16.88	0.0488
Middle		1	49	23.68	0.2333	16.77	0.0475
Highest		1	49	23.70	0.2344	16.79	0.0478
Lowest	64QAM	1	0	21.72	0.1486	14.81	0.0303
Middle		1	0	22.14	0.1637	15.23	0.0333
Highest		1	0	22.59	0.1816	15.68	0.0370
Limit	ERP < 3W			Result		PASS	



LTE Band 13 / 5MHz (Average) (GT - LC = -2.48 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	24.29	0.2685	19.66	0.0925
Middle		1	12	24.34	0.2716	19.71	0.0935
Highest		1	12	24.41	0.2761	19.78	0.0951
Lowest	16QAM	1	12	23.55	0.2265	18.92	0.0780
Middle		1	12	23.73	0.2360	19.10	0.0813
Highest		1	12	23.71	0.2350	19.08	0.0809
Lowest	64QAM	1	24	22.69	0.1858	18.06	0.0640
Middle		1	24	22.66	0.1845	18.03	0.0635
Highest		1	24	22.18	0.1652	17.55	0.0569
Limit	ERP < 3W			Result		PASS	

LTE Band 13 / 10MHz (Average) (GT - LC = -2.48 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	-	-	-	-	-	-
Middle		1	25	24.42	0.2767	19.79	0.0953
Highest		-	-	-	-	-	-
Lowest	16QAM	-	-	-	-	-	-
Middle		1	49	23.70	0.2344	19.07	0.0807
Highest		-	-	-	-	-	-
Lowest	64QAM	-	-	-	-	-	-
Middle		1	25	22.65	0.1841	18.02	0.0634
Highest		-	-	-	-	-	-
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -4.76 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	24	24.45	0.2786	17.54	0.0568
Middle		1	24	24.45	0.2786	17.54	0.0568
Highest		1	24	24.41	0.2761	17.50	0.0562
Lowest	16QAM	1	24	23.75	0.2371	16.84	0.0483
Middle		1	24	23.76	0.2377	16.85	0.0484
Highest		1	24	23.70	0.2344	16.79	0.0478
Lowest	64QAM	1	12	22.42	0.1746	15.51	0.0356
Middle		1	12	22.66	0.1845	15.75	0.0376
Highest		1	12	21.97	0.1574	15.06	0.0321
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -4.76 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	49	24.42	0.2767	17.51	0.0564
Middle		1	49	24.46	0.2793	17.55	0.0569
Highest		1	49	24.41	0.2761	17.50	0.0562
Lowest	16QAM	1	49	23.75	0.2371	16.84	0.0483
Middle		1	49	23.77	0.2382	16.86	0.0485
Highest		1	49	23.76	0.2377	16.85	0.0484
Lowest	64QAM	1	25	22.66	0.1845	15.75	0.0376
Middle		1	25	22.67	0.1849	15.76	0.0377
Highest		1	25	22.48	0.1770	15.57	0.0361
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -1.09 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	19.40	0.0871	18.31	0.0678
Middle		12	7	19.79	0.0953	18.70	0.0741
Highest		12	7	19.68	0.0929	18.59	0.0723
Lowest	16QAM	1	12	18.96	0.0787	17.87	0.0612
Middle		1	12	19.44	0.0879	18.35	0.0684
Highest		1	12	19.33	0.0857	18.24	0.0667
Lowest	64QAM	25	0	18.90	0.0776	17.81	0.0604
Middle		25	0	19.35	0.0861	18.26	0.0670
Highest		25	0	19.19	0.0830	18.10	0.0646
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -1.09 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	12	19.38	0.0867	18.29	0.0675
Middle		25	12	19.79	0.0953	18.70	0.0741
Highest		25	12	19.66	0.0925	18.57	0.0719
Lowest	16QAM	50	0	18.89	0.0774	17.80	0.0603
Middle		50	0	19.34	0.0859	18.25	0.0668
Highest		50	0	19.08	0.0809	17.99	0.0630
Lowest	64QAM	25	12	18.95	0.0785	17.86	0.0611
Middle		25	12	19.37	0.0865	18.28	0.0673
Highest		25	12	19.27	0.0845	18.18	0.0658
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -1.09 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	75	0	19.34	0.0859	18.25	0.0668
Middle		75	0	19.77	0.0948	18.68	0.0738
Highest		75	0	19.51	0.0893	18.42	0.0695
Lowest	16QAM	1	74	18.79	0.0757	17.70	0.0589
Middle		1	74	19.31	0.0853	18.22	0.0664
Highest		1	74	19.11	0.0815	18.02	0.0634
Lowest	64QAM	75	0	18.83	0.0764	17.74	0.0594
Middle		75	0	19.30	0.0851	18.21	0.0662
Highest		75	0	19.05	0.0804	17.96	0.0625
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -1.09 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	50	19.33	0.0857	18.24	0.0667
Middle		50	50	19.80	0.0955	18.71	0.0743
Highest		50	50	19.59	0.0910	18.50	0.0708
Lowest	16QAM	50	24	18.84	0.0766	17.75	0.0596
Middle		50	24	19.30	0.0851	18.21	0.0662
Highest		50	24	19.07	0.0807	17.98	0.0628
Lowest	64QAM	50	24	18.86	0.0769	17.77	0.0598
Middle		50	24	19.32	0.0855	18.23	0.0665
Highest		50	24	19.08	0.0809	17.99	0.0630
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

LTE Band 5

LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (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	1648	-50.35	-13	-37.35	-71.8	-55.94	0.92	8.66	H
	2472	-45.53	-13	-32.53	-72.05	-52.90	1.14	10.66	H
	3296	-44.35	-13	-31.35	-72.69	-52.89	1.32	12.01	H
									H
									H
									H
	1648	-63.85	-13	-50.85	-71.77	-69.44	0.92	8.66	V
	2472	-58.68	-13	-45.68	-72.35	-66.05	1.14	10.66	V
	3296	-56.79	-13	-43.79	-72.59	-65.33	1.32	12.01	V
									V
									V
									V
Middle	1664	-63.00	-13	-50.00	-71.5	-68.65	0.93	8.72	H
	2496	-59.10	-13	-46.10	-72.66	-66.50	1.15	10.69	H
	3328	-57.49	-13	-44.49	-72.73	-66.10	1.33	12.09	H
									H
									H
									H
	1664	-63.48	-13	-50.48	-71.39	-69.13	0.93	8.72	V
	2496	-58.89	-13	-45.89	-72.66	-66.29	1.15	10.69	V
	3328	-56.87	-13	-43.87	-72.57	-65.48	1.33	12.09	V
									V
									V
									V



Highest	1680	-62.88	-13	-49.88	-71.42	-68.58	0.93	8.78	H
	2520	-59.10	-13	-46.10	-72.67	-66.52	1.15	10.72	H
	3360	-57.79	-13	-44.79	-72.95	-66.47	1.33	12.16	H
									H
									H
									H
	1680	-63.39	-13	-50.39	-71.28	-69.09	0.93	8.78	V
	2520	-58.73	-13	-45.73	-72.47	-66.15	1.15	10.72	V
	3360	-56.88	-13	-43.88	-72.48	-65.56	1.33	12.16	V
									V
									V
									V

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



LTE Band 12

LTE Band 12 / 10MHz / QPSK										
Channel	Frequency (MHz)	ERP (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	1400	-60.98	-13	-47.98	-70.55	-65.63	0.84	7.64	H	
	2096	-59.70	-13	-46.70	-72.30	-66.62	1.06	10.13	H	
	2800	-57.85	-13	-44.85	-72.27	-65.54	1.22	11.06	H	
										H
										H
										H
	1400	-62.23	-13	-49.23	-70.57	-66.88	0.84	7.64	V	
	2096	-60.73	-13	-47.73	-72.23	-67.65	1.06	10.13	V	
	2800	-57.97	-13	-44.97	-72.33	-65.66	1.22	11.06	V	
										V
										V
										V
Middle	1408	-61.23	-13	-48.23	-70.77	-65.91	0.85	7.68	H	
	2112	-59.56	-13	-46.56	-72.45	-66.50	1.06	10.16	H	
	2816	-57.59	-13	-44.59	-72.07	-65.29	1.23	11.08	H	
										H
										H
										H
	1408	-62.81	-13	-49.81	-71.13	-67.49	0.85	7.68	V	
	2112	-60.57	-13	-47.57	-72.34	-67.51	1.06	10.16	V	
	2816	-57.69	-13	-44.69	-72.13	-65.39	1.23	11.08	V	
										V
										V
										V



Highest	1416	-61.56	-13	-48.56	-71.07	-66.28	0.85	7.71	H
	2024	-60.71	-13	-47.71	-72.00	-67.55	1.05	10.03	H
	2824	-57.47	-13	-44.47	-71.98	-65.18	1.23	11.09	H
									H
									H
									H
	1416	-63.24	-13	-50.24	-71.54	-67.96	0.85	7.71	V
	2024	-61.62	-13	-48.62	-71.91	-68.46	1.05	10.03	V
	2824	-57.67	-13	-44.67	-72.15	-65.38	1.23	11.09	V
									V
									V
									V

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



LTE Band 13

LTE Band 13 / 5MHz / QPSK										
Channel	Frequency (MHz)	ERP (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	1552	-62.14	-13	-49.14	-70.85	-67.40	0.89	8.30	H	
	2336	-58.62	-13	-45.62	-72.37	-65.83	1.11	10.47	H	
	3112	-57.52	-13	-44.52	-72.95	-65.65	1.29	11.57	H	
										H
										H
										H
	1552	-63.11	-13.00	-50.11	-71.11	-68.37	0.89	8.30	V	
	2336	-58.64	-13	-45.64	-71.96	-65.85	1.11	10.47	V	
	3112	-57.01	-13	-44.01	-72.78	-65.14	1.29	11.57	V	
										V
										V
										V
Middle	1560	-62.48	-42.15	-20.33	-71.12	-67.77	0.89	8.33	H	
	2336	-58.42	-13	-45.42	-72.17	-65.63	1.11	10.47	H	
	3120	-57.15	-13	-44.15	-72.60	-65.30	1.29	11.59	H	
										H
										H
										H
	1560	-63.35	-42.15	-21.20	-71.35	-68.64	0.89	8.33	V	
	2336	-59.16	-13	-46.16	-72.48	-66.37	1.11	10.47	V	
	3120	-56.46	-13	-43.46	-72.27	-64.61	1.29	11.59	V	
										V
										V
										V



Highest	1568	-62.65	-42.15	-20.50	-71.23	-67.97	0.89	8.36	H
	2344	-58.31	-13	-45.31	-72.00	-65.53	1.12	10.48	H
	3128	-57.34	-13	-44.34	-72.80	-65.50	1.29	11.61	H
									H
									H
									H
	1568	-63.50	-42.15	-21.35	-71.49	-68.82	0.89	8.36	V
	2344	-59.08	-13	-46.08	-72.40	-66.30	1.12	10.48	V
	3128	-57.14	-13	-44.14	-72.98	-65.30	1.29	11.61	V
									V
									V
									V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-62.27	-42.15	-20.12	-70.91	-67.56	0.89	8.33	H
	2336	-58.42	-13	-45.42	-72.17	-65.63	1.11	10.47	H
	3120	-56.78	-13	-43.78	-72.23	-64.93	1.29	11.59	H
									H
									H
									H
	1560	-63.26	-42.15	-21.11	-71.26	-68.55	0.89	8.33	V
	2336	-58.93	-13	-45.93	-72.25	-66.14	1.11	10.47	V
	3120	-56.77	-13	-43.77	-72.58	-64.92	1.29	11.59	V
									V
									V
									V

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



LTE Band 4

LTE Band 4 / 20MHz / 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	3420	-57.30	-13	-44.30	-73.22	-68.26	1.35	12.31	H
	5135	-52.45	-13	-39.45	-74.4	-63.59	1.65	12.79	H
	6843	-49.17	-13	-36.17	-74.54	-59.55	1.74	12.12	H
									H
									H
									H
	3420	-56.76	-13	-43.76	-73.1	-67.72	1.35	12.31	V
	5135	-52.90	-13	-39.90	-74.6	-64.04	1.65	12.79	V
	6843	-48.58	-13	-35.58	-73.55	-58.96	1.74	12.12	V
									V
									V
									V
Middle	3448	-56.77	-13	-43.77	-72.97	-67.79	1.35	12.38	H
	5170	-52.83	-13	-39.83	-74.78	-64.01	1.65	12.84	H
	6892	-48.52	-13	-35.52	-74.14	-58.84	1.74	12.05	H
									H
									H
									H
	3448	-56.40	-13	-43.40	-72.99	-67.42	1.35	12.38	V
	5170	-52.79	-13	-39.79	-74.53	-63.97	1.65	12.84	V
	6892	-49.10	-13	-36.10	-74.29	-59.42	1.74	12.05	V
									V
									V
									V



Highest	3469	-56.83	-13	-43.83	-73.23	-67.90	1.35	12.43	H
	5205	-52.69	-13	-39.69	-74.64	-63.91	1.66	12.89	H
	6941	-47.93	-13	-34.93	-73.79	-58.18	1.73	11.98	H
									H
									H
									H
	3469	-56.15	-13	-43.15	-72.93	-67.22	1.35	12.43	V
	5205	-52.84	-13	-39.84	-74.62	-64.06	1.66	12.89	V
	6941	-48.24	-13	-35.24	-73.64	-58.49	1.73	11.98	V
									V
									V
									V

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



LTE Band 7

LTE Band 7 / 20MHz / 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	5004	-52.34	-25	-27.34	-74.36	-63.33	1.61	12.61	H
	7500	-47.19	-25	-22.19	-73.56	-56.30	1.99	11.10	H
	10008	-45.65	-25	-20.65	-75.22	-54.54	2.40	11.29	H
									H
									H
									H
	5004	-52.72	-25	-27.72	-74.3	-63.71	1.61	12.61	V
	7500	-47.78	-25	-22.78	-74.12	-56.89	1.99	11.10	V
	10008	-44.87	-25	-19.87	-75.22	-53.76	2.40	11.29	V
									V
									V
									V
Middle	5052	-52.53	-25	-27.53	-74.53	-63.58	1.62	12.67	H
	7578	-48.37	-25	-23.37	-74.33	-57.48	2.00	11.12	H
	10107	-45.57	-25	-20.57	-75.39	-54.39	2.40	11.21	H
									H
									H
									H
	5052	-52.81	-25	-27.81	-74.44	-63.86	1.62	12.67	V
	7578	-48.34	-25	-23.34	-74.26	-57.45	2.00	11.12	V
	10107	-45.01	-25	-20.01	-75.4	-53.83	2.40	11.21	V
									V
									V
									V



Highest	5100	-52.62	-25	-27.62	-74.6	-63.72	1.64	12.74	H
	7656	-47.81	-25	-22.81	-73.68	-56.93	2.01	11.13	H
	10206	-44.92	-25	-19.92	-74.99	-53.66	2.40	11.14	H
									H
									H
									H
	5100	-52.99	-25	-27.99	-74.67	-64.09	1.64	12.74	V
	7656	-47.59	-25	-22.59	-73.34	-56.71	2.01	11.13	V
	10206	-45.00	-25	-20.00	-75.42	-53.74	2.40	11.14	V
									V
									V
									V

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



LTE Band 41

LTE Band 41 / 20MHz / 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	4992	-52.08	-25	-27.08	-74.08	-63.07	1.61	12.60	H
	7488	-47.21	-25	-22.21	-73.62	-56.35	1.98	11.12	H
	9990	-45.65	-25	-20.65	-75.23	-54.56	2.40	11.30	H
									H
									H
									H
	4992	-52.55	-25	-27.55	-74.09	-63.54	1.61	12.60	V
	7488	-47.67	-25	-22.67	-74.04	-56.81	1.98	11.12	V
	9990	-45.04	-25	-20.04	-75.39	-53.95	2.40	11.30	V
									V
									V
									V
Middle	5166	-52.79	-25	-27.79	-74.74	-63.97	1.65	12.83	H
	7752	-47.84	-25	-22.84	-73.75	-56.97	2.03	11.15	H
	10332	-44.40	-25	-19.40	-74.79	-53.04	2.39	11.03	H
									H
									H
									H
	5166	-52.93	-25	-27.93	-28.93	-64.11	1.65	12.83	V
	7752	-48.02	-25	-23.02	-24.02	-57.15	2.03	11.15	V
	10332	-43.84	-25	-18.84	-74.31	-52.48	2.39	11.03	V
									V
									V
									V



Highest	5340	-52.68	-25	-27.68	-75.1	-64.06	1.70	13.08	H
	8016	-46.48	-25	-21.48	-73.64	-55.65	2.06	11.23	H
	10683	-44.01	-25	-19.01	-74.87	-52.42	2.49	10.90	H
									H
									H
									H
	5340	-52.71	-25	-27.71	-74.79	-64.09	1.70	13.08	V
	8016	-47.00	-25	-22.00	-74.05	-56.17	2.06	11.23	V
	10683	-44.44	-25	-19.44	-75.06	-52.85	2.49	10.90	V
									V
									V
									V

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



<WPC Mode>

LTE Band 41

LTE Band 41 / 20MHz / 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)
Middle	5166	-52.13	-25	-27.13	-74.08	-63.31	1.65	12.83	H
	7752	-47.60	-25	-22.60	-73.51	-56.73	2.03	11.15	H
	10332	-43.76	-25	-18.76	-74.15	-52.40	2.39	11.03	H
									H
									H
									H
	5166	-52.57	-25	-27.57	-74.31	-63.75	1.65	12.83	V
	7752	-47.89	-25	-22.89	-73.56	-57.02	2.03	11.15	V
	10332	-43.94	-25	-18.94	-74.41	-52.58	2.39	11.03	V
									V
									V
									V

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

————THE END————