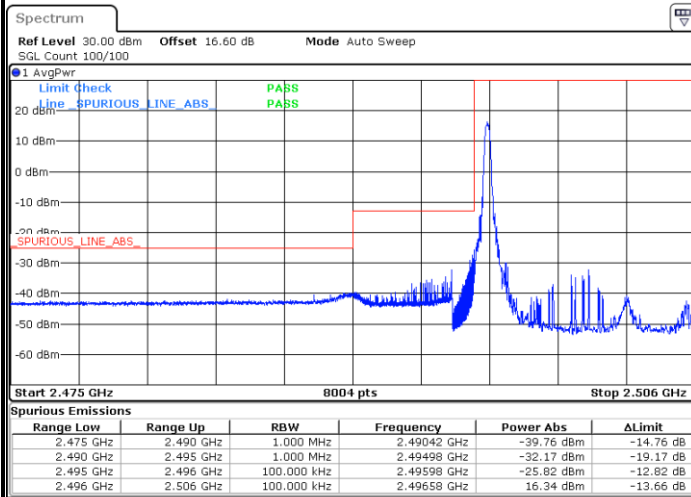


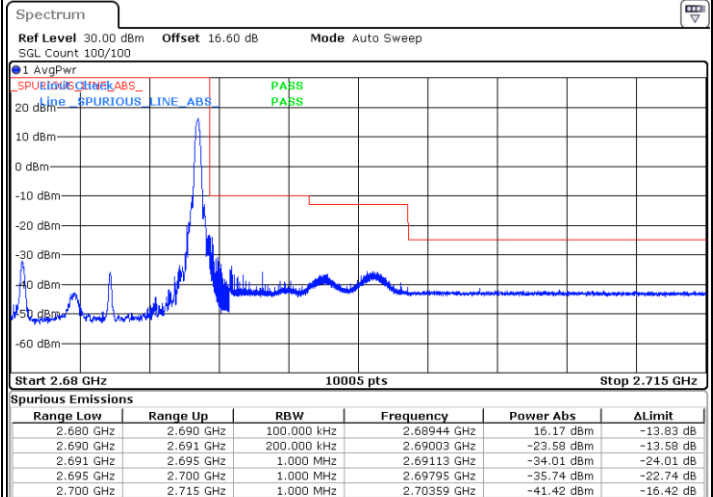


LTE Band 41 / 10MHz / QPSK

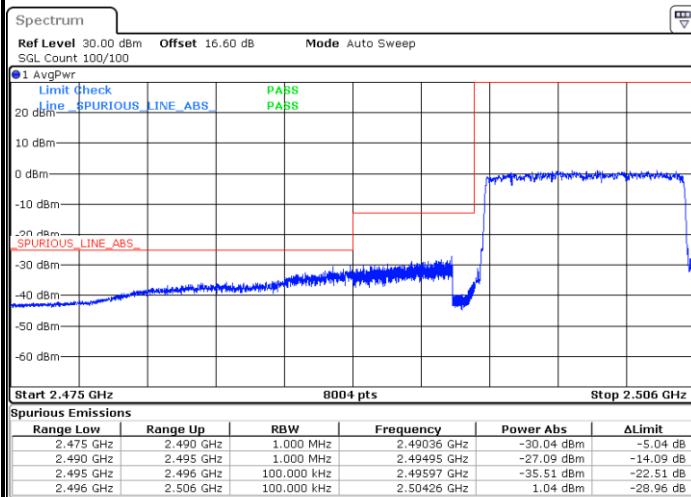
Lowest Band Edge / 1 RB



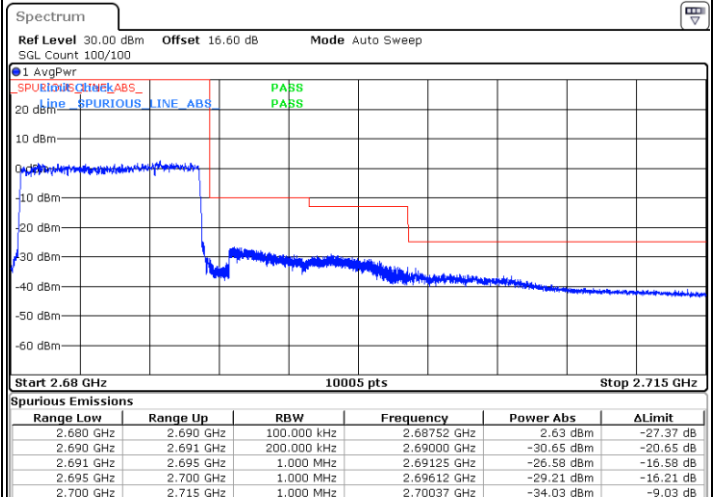
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



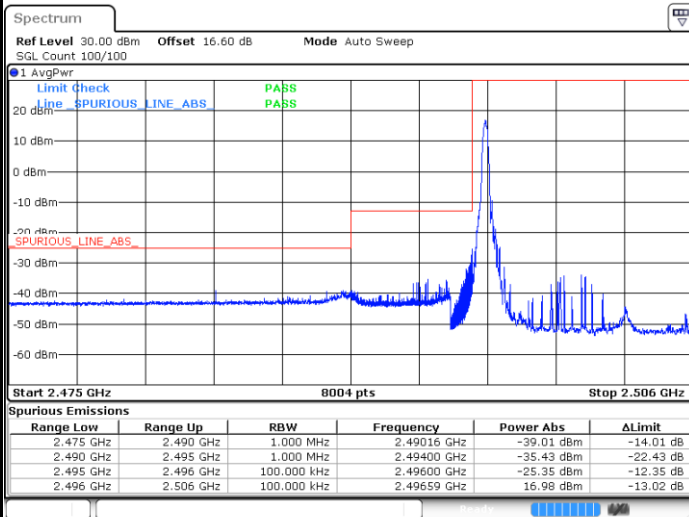
Highest Band Edge / Full RB



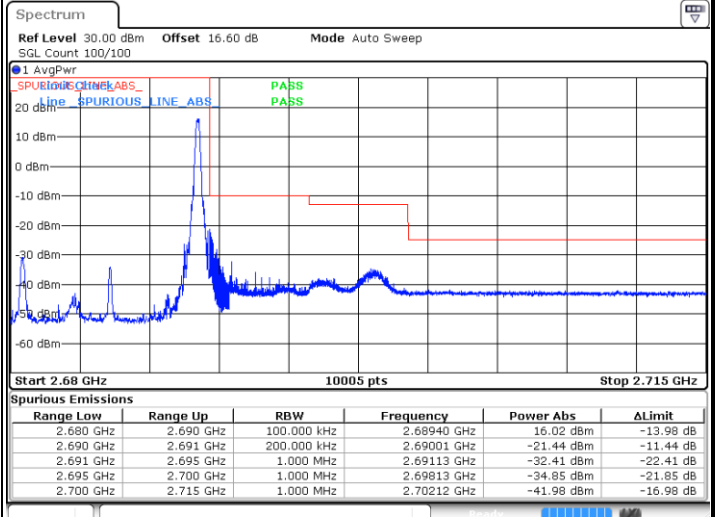


LTE Band 41 / 10MHz / 16QAM

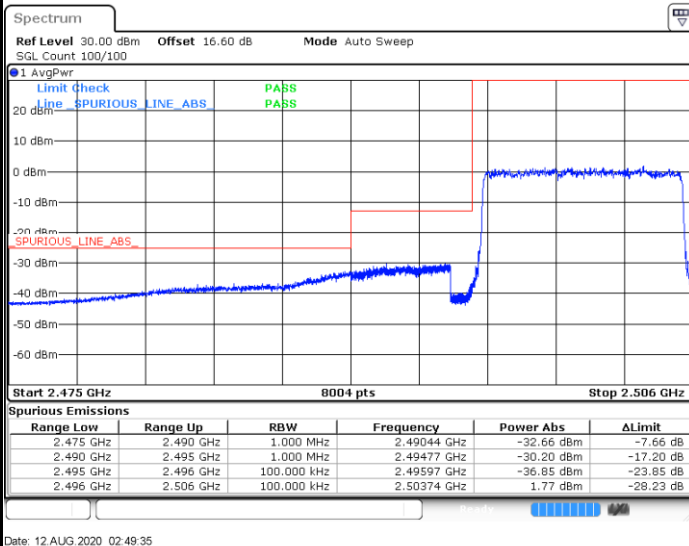
Lowest Band Edge / 1 RB



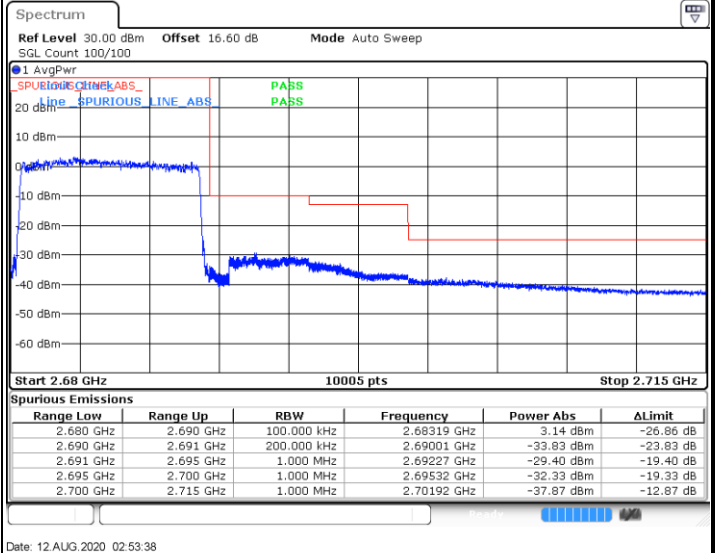
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



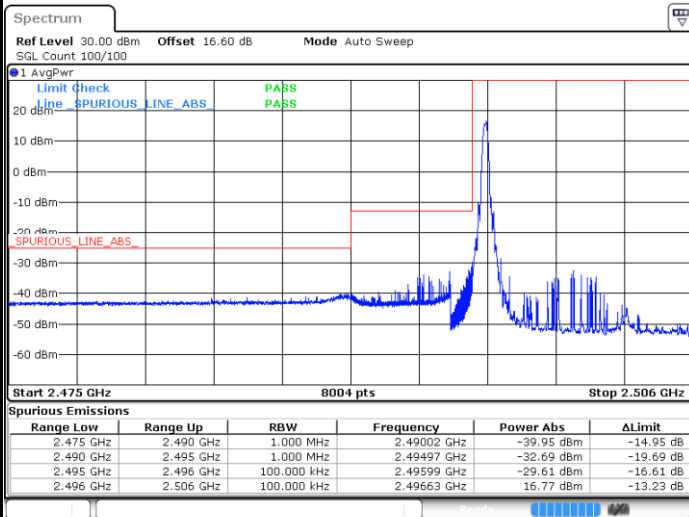
Highest Band Edge / Full RB





LTE Band 41 / 10MHz / 64QAM

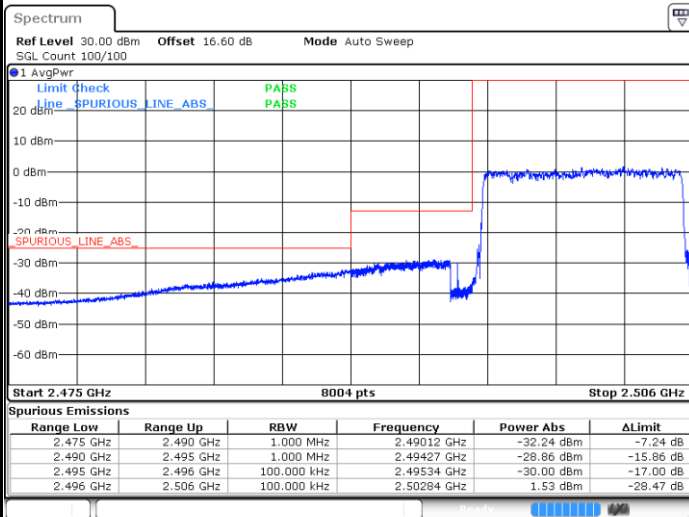
Lowest Band Edge / 1 RB



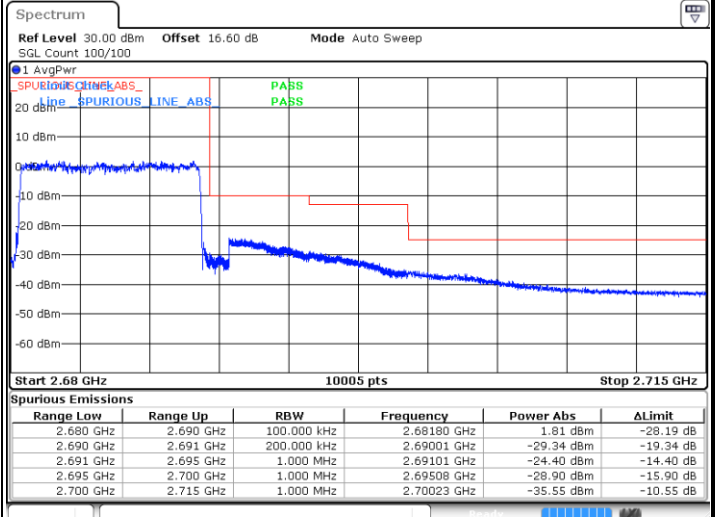
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



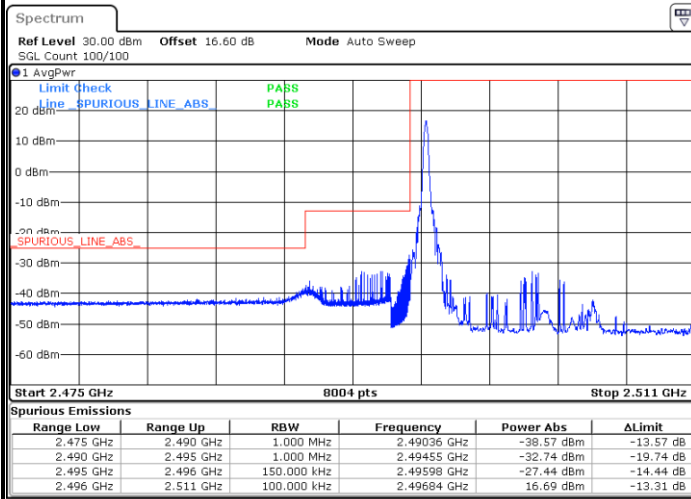
Highest Band Edge / Full RB



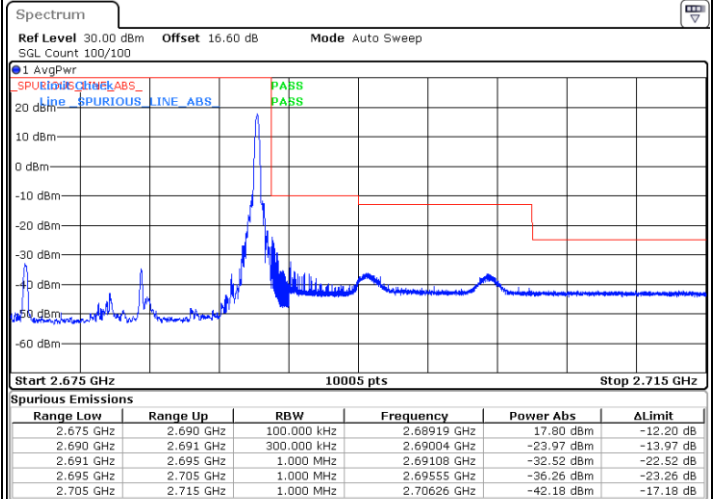


LTE Band 41 / 15MHz / QPSK

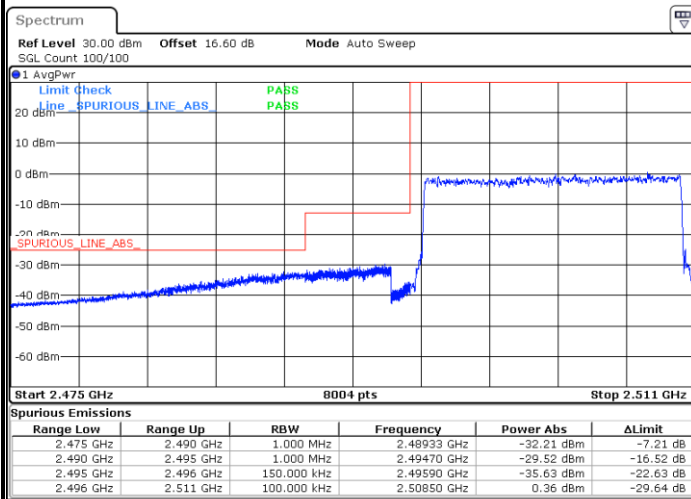
Lowest Band Edge / 1 RB



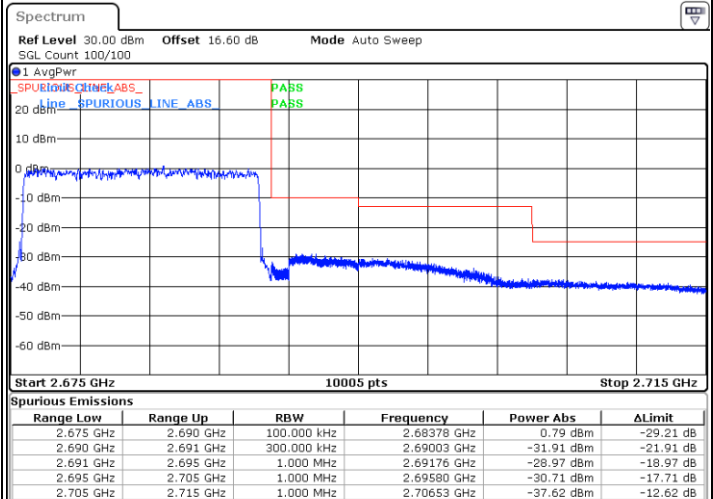
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



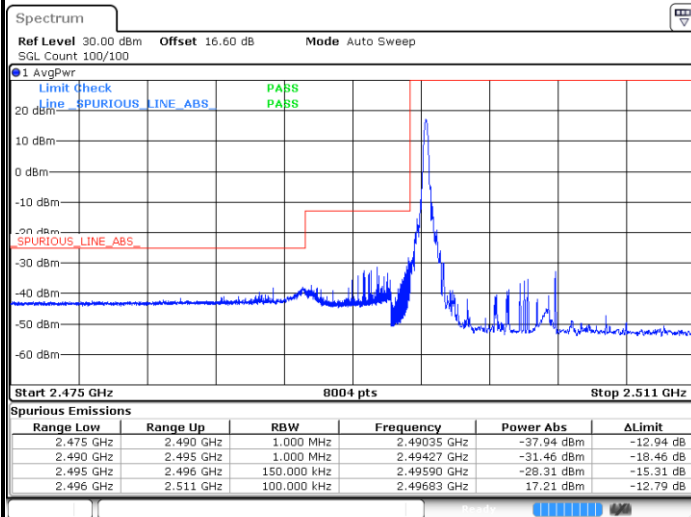
Highest Band Edge / Full RB





LTE Band 41 / 15MHz / 16QAM

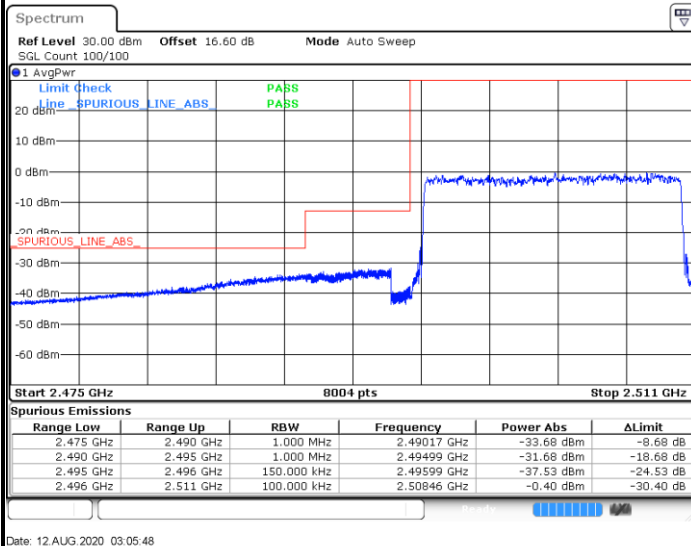
Lowest Band Edge / 1 RB



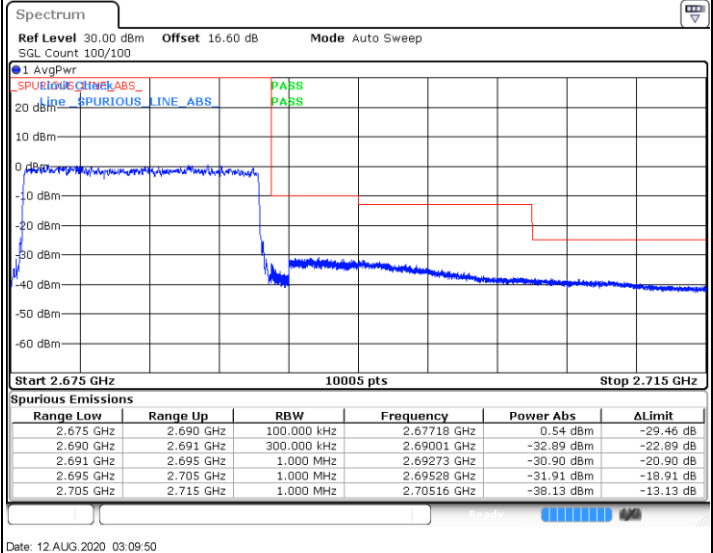
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



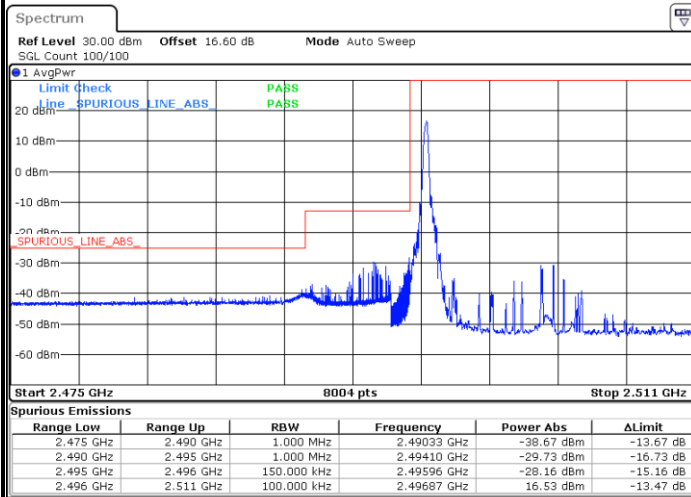
Highest Band Edge / Full RB



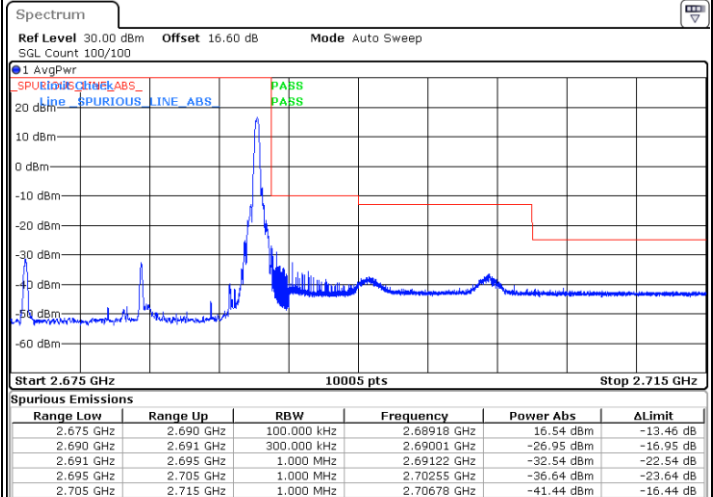


LTE Band 41 / 15MHz / 64QAM

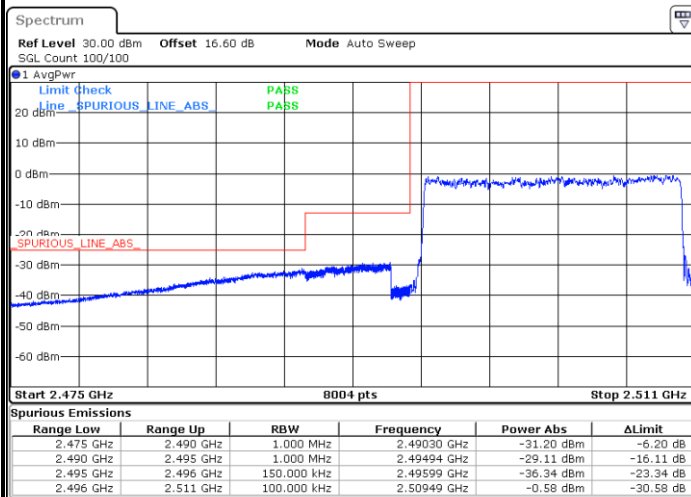
Lowest Band Edge / 1 RB



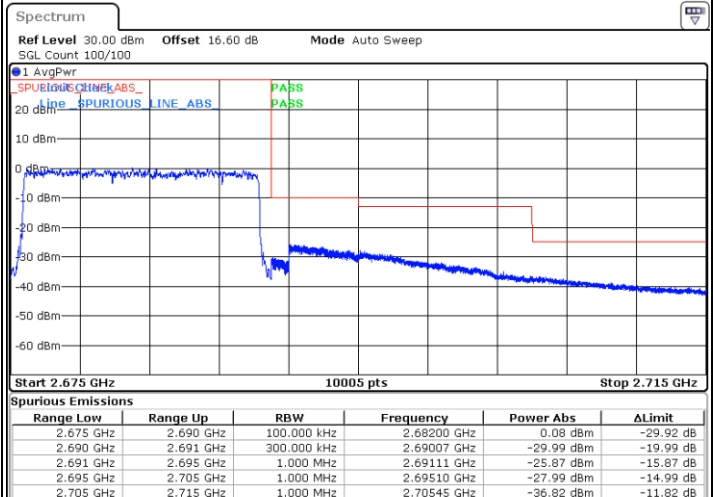
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



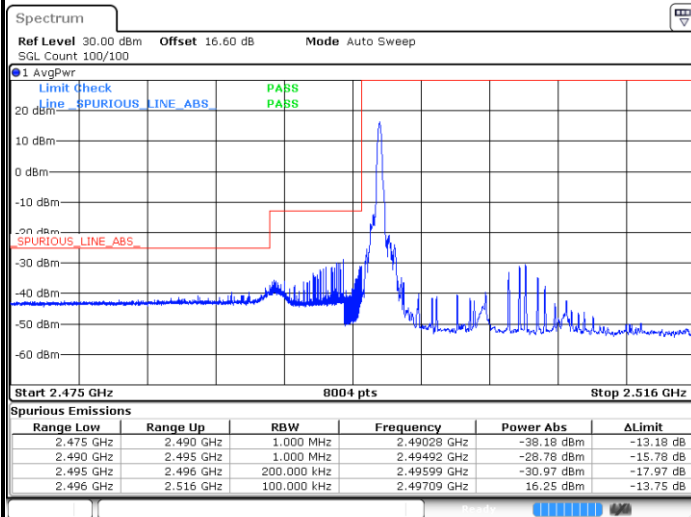
Highest Band Edge / Full RB



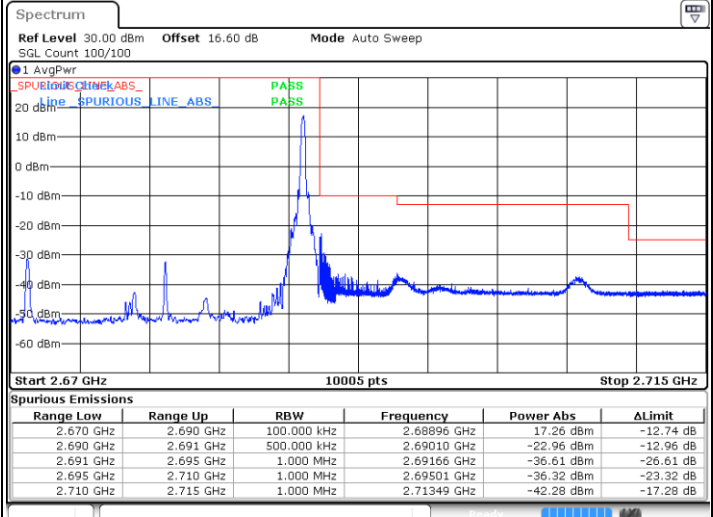


LTE Band 41 / 20MHz / QPSK

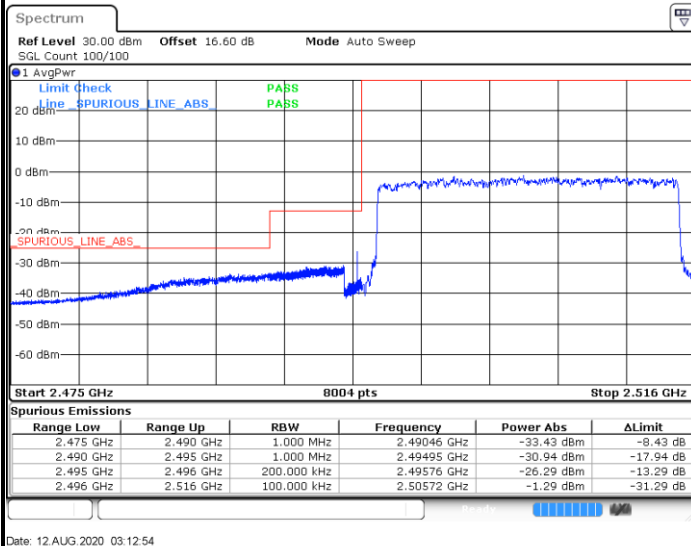
Lowest Band Edge / 1 RB



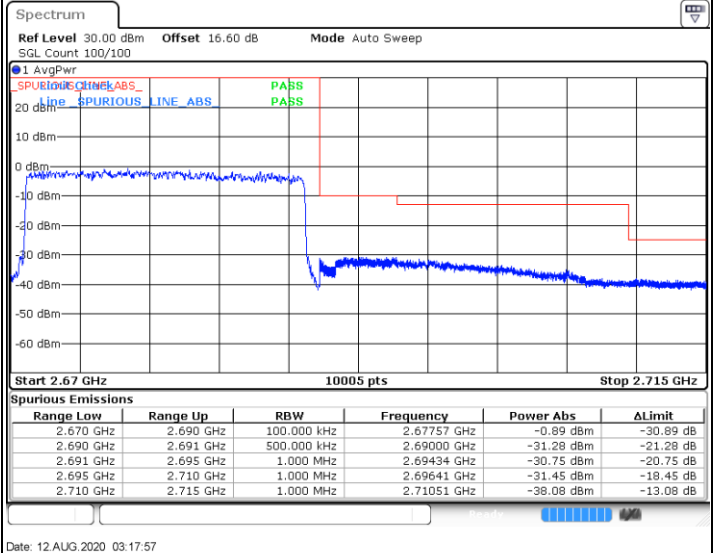
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



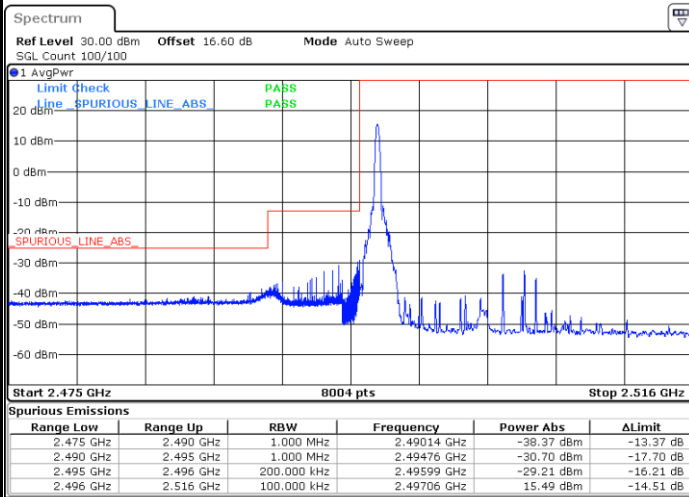
Highest Band Edge / Full RB



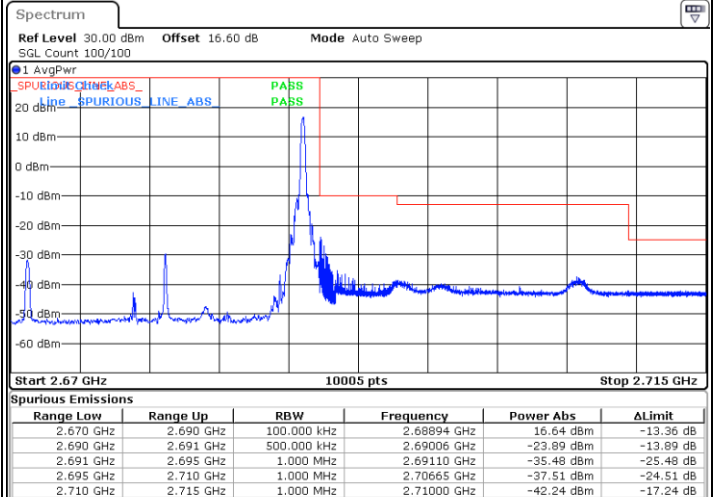


LTE Band 41 / 20MHz / 16QAM

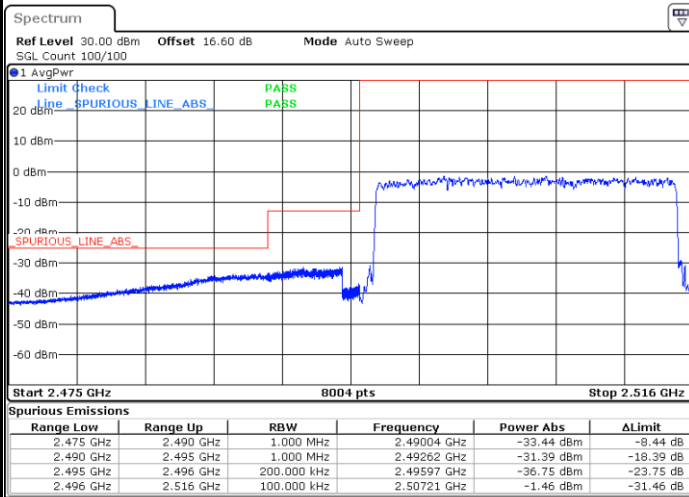
Lowest Band Edge / 1 RB



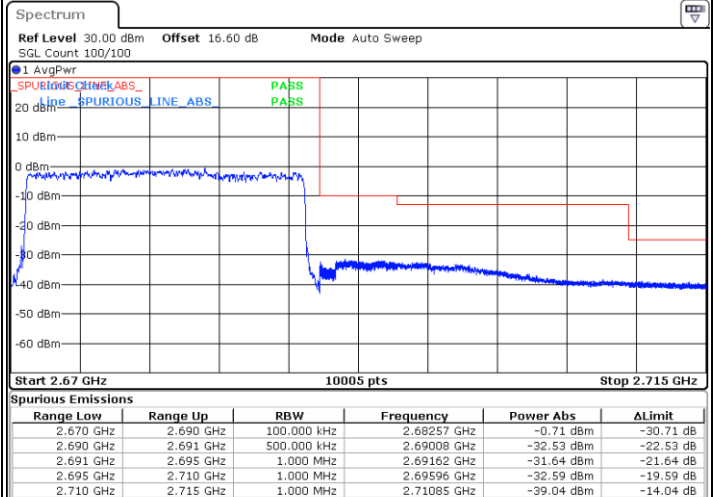
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



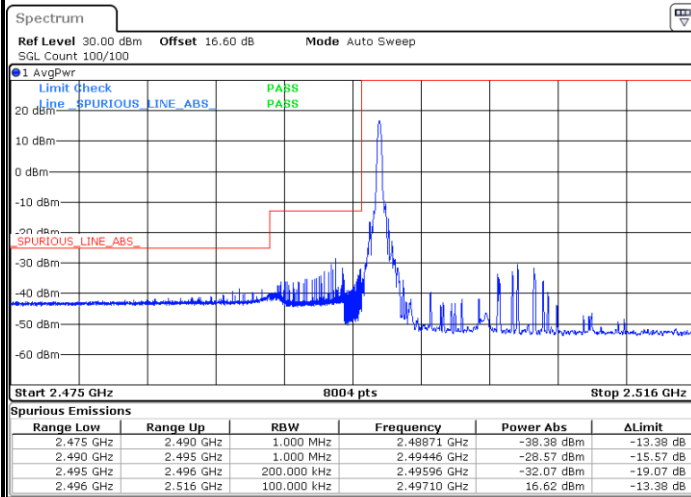
Highest Band Edge / Full RB



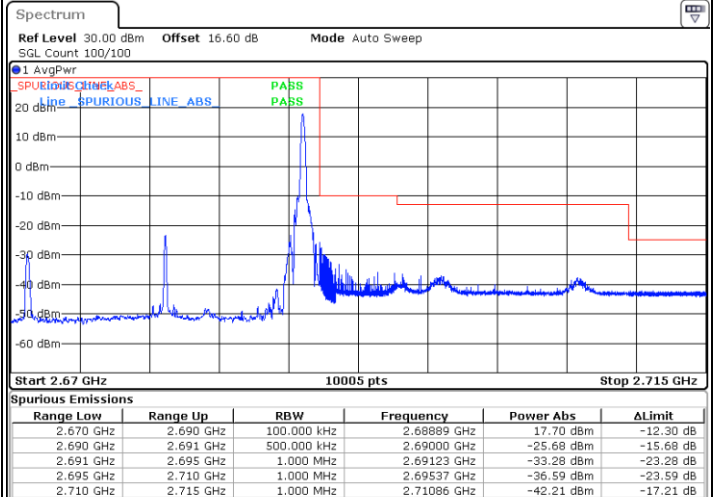


LTE Band 41 / 20MHz / 64QAM

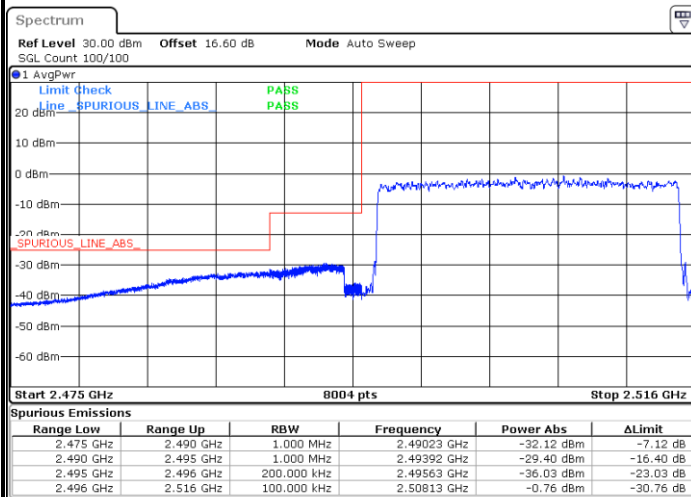
Lowest Band Edge / 1 RB



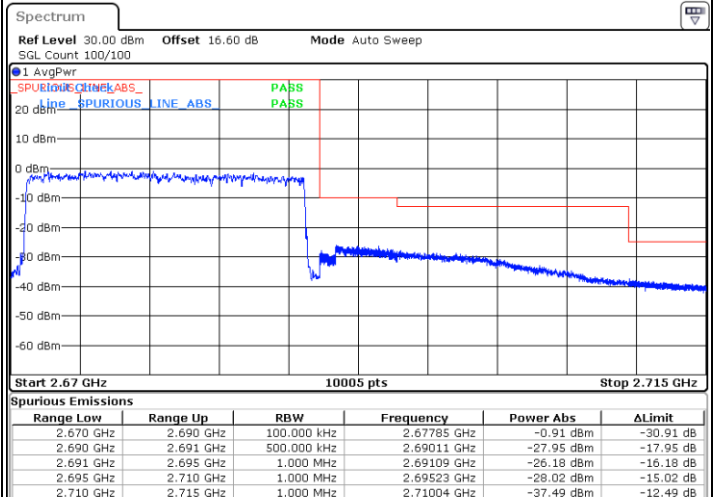
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

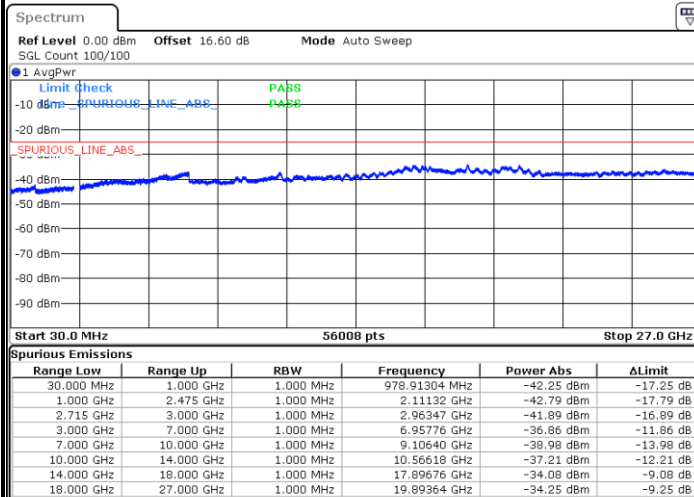




Conducted Spurious Emission

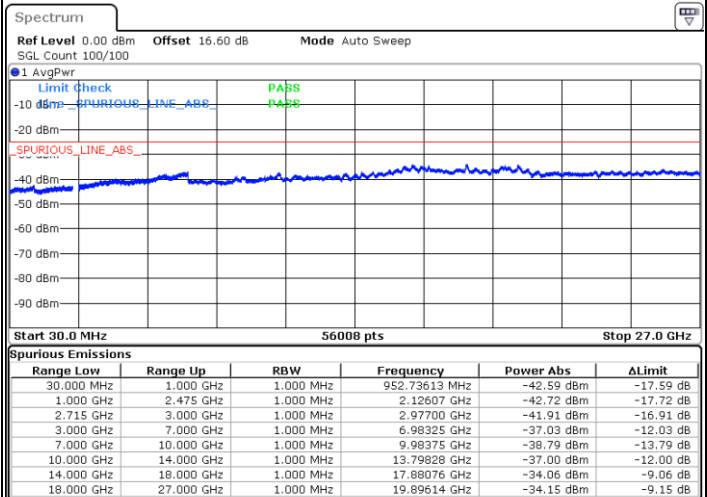
LTE Band 41 / 5MHz

Lowest Channel / QPSK



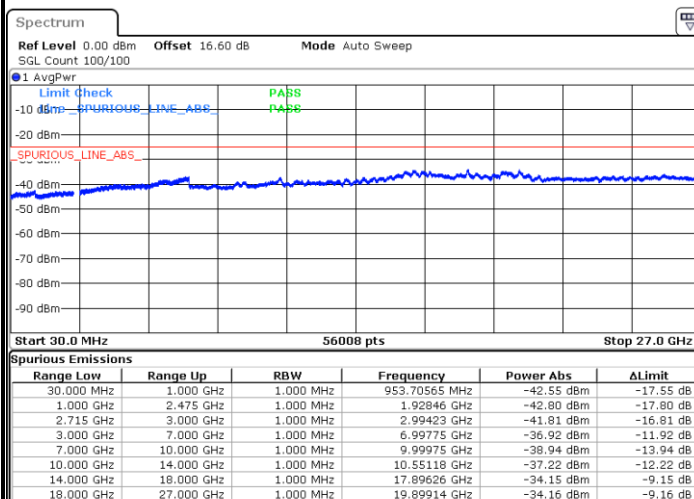
Date: 12 AUG 2020 03:54:22

Lowest Channel / 16QAM



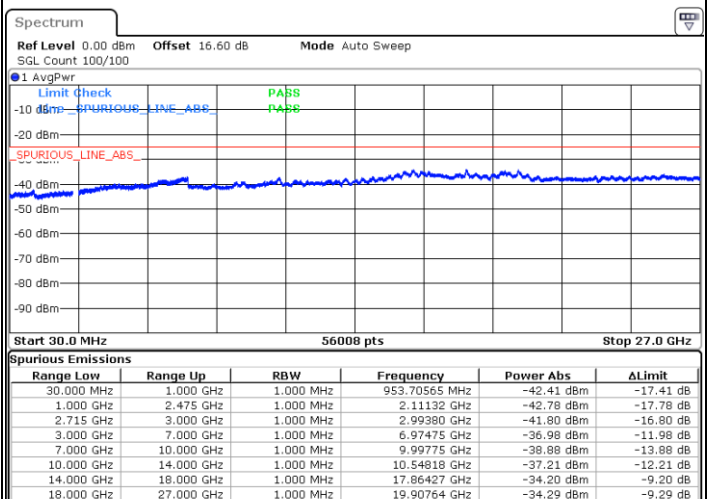
Date: 12 AUG 2020 03:55:23

Middle Channel / QPSK



Date: 12 AUG 2020 03:56:23

Middle Channel / 16QAM

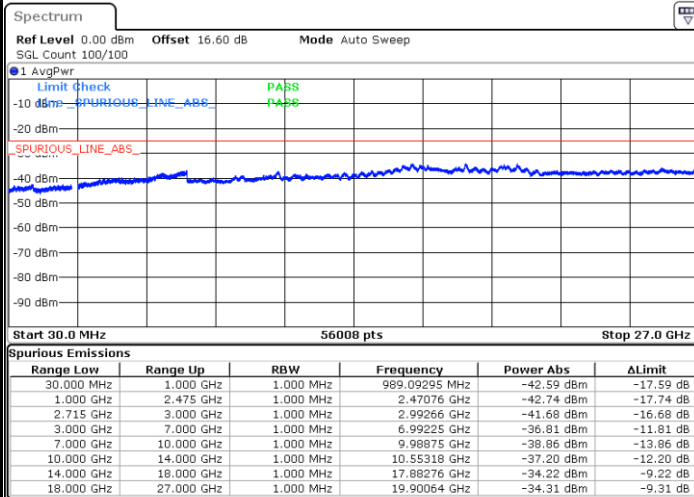


Date: 12 AUG 2020 03:57:24



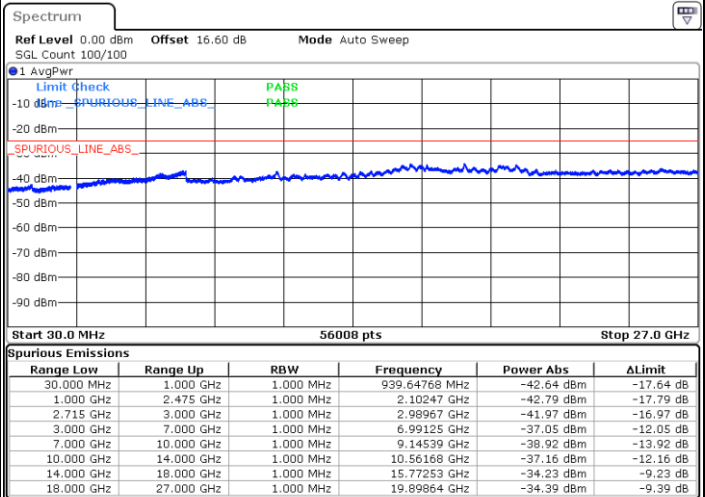
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 12 AUG 2020 03:58:25

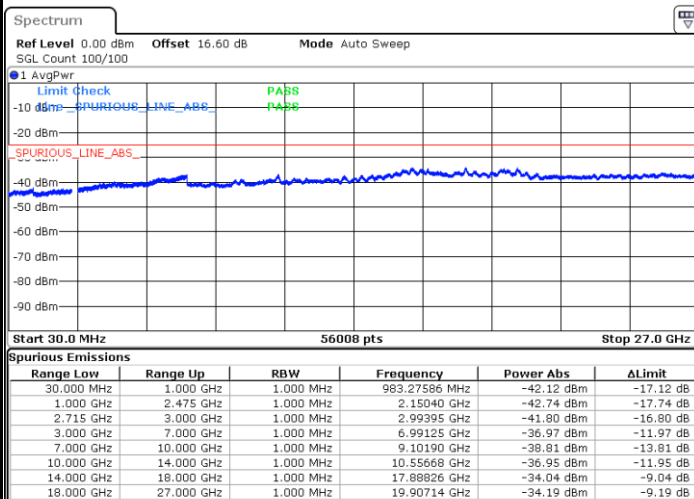
Highest Channel / 16QAM



Date: 12 AUG 2020 03:59:26

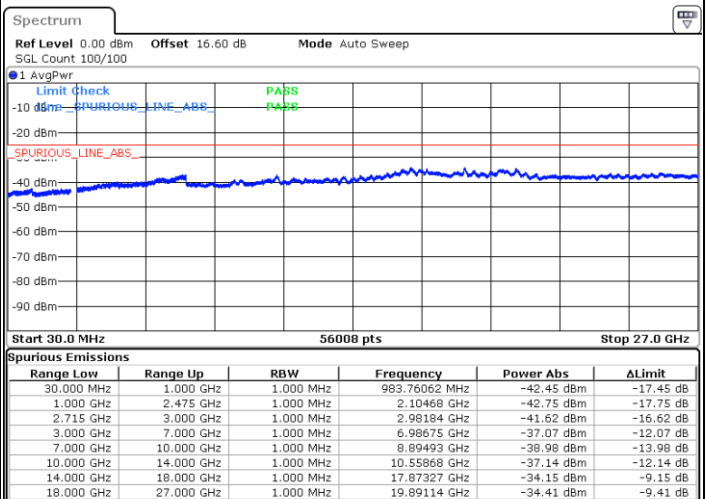
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 12 AUG 2020 04:03:30

Lowest Channel / 16QAM

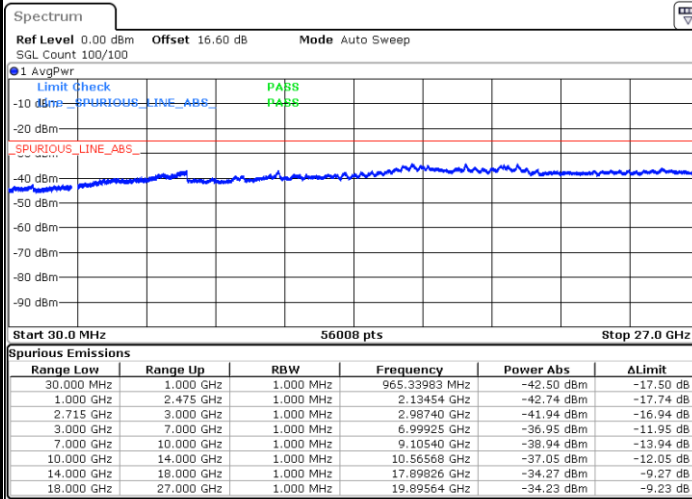


Date: 12 AUG 2020 04:04:31



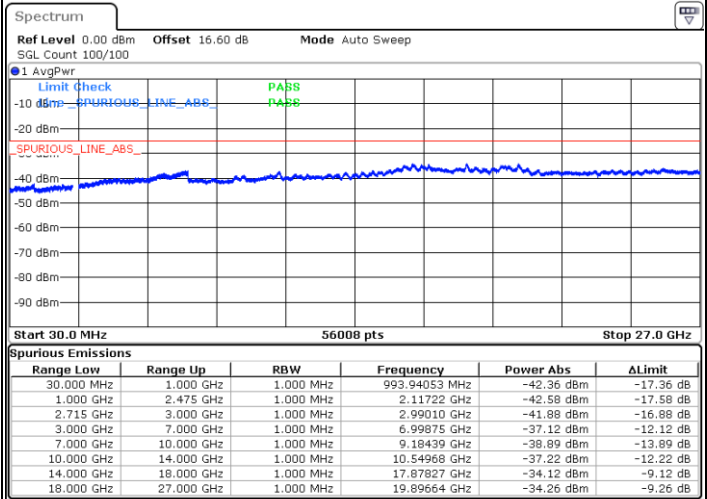
LTE Band 41 / 10MHz

Middle Channel / QPSK



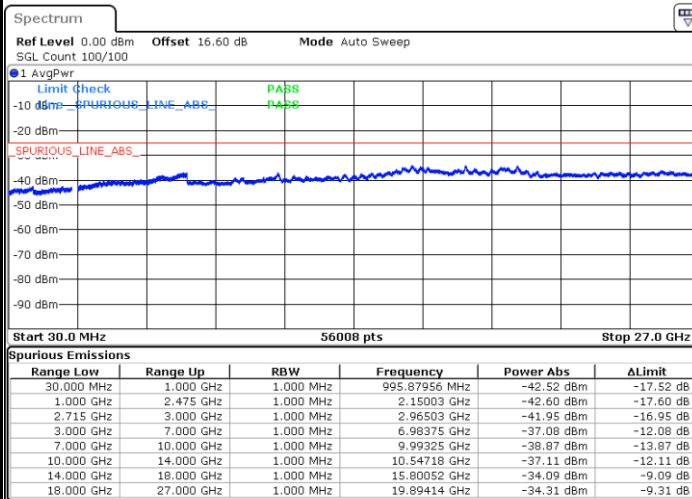
Date: 12 AUG 2020 04:05:32

Middle Channel / 16QAM



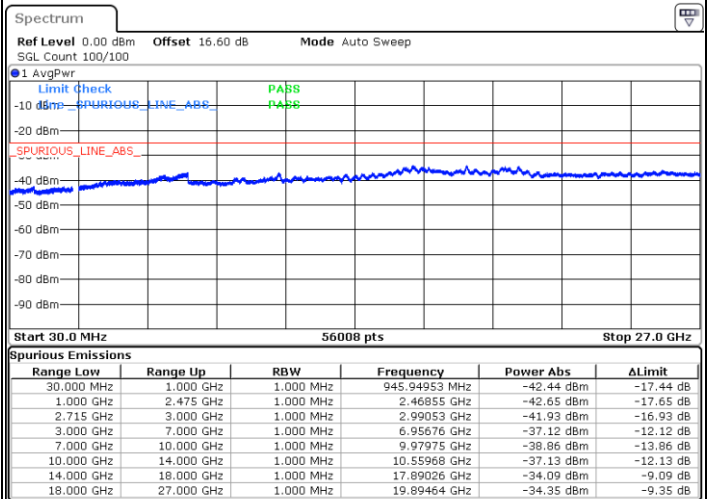
Date: 12 AUG 2020 04:06:32

Highest Channel / QPSK



Date: 12 AUG 2020 04:07:33

Highest Channel / 16QAM

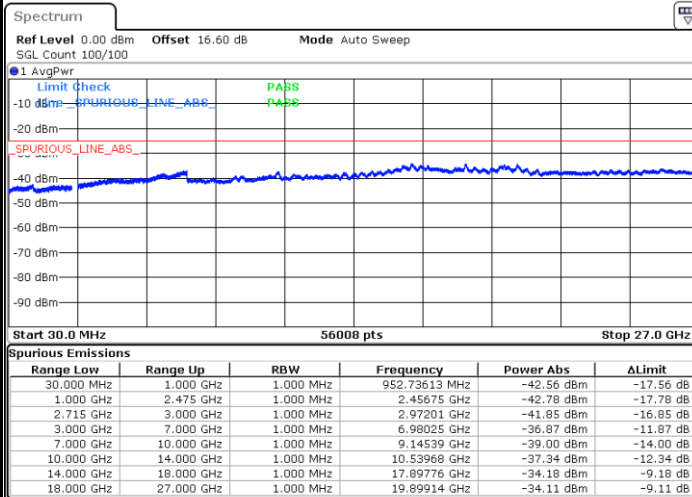


Date: 12 AUG 2020 04:08:34



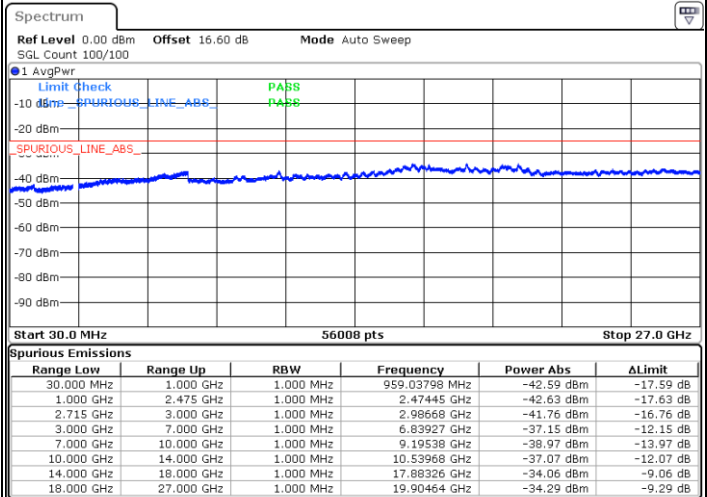
LTE Band 41 / 15MHz

Lowest Channel / QPSK



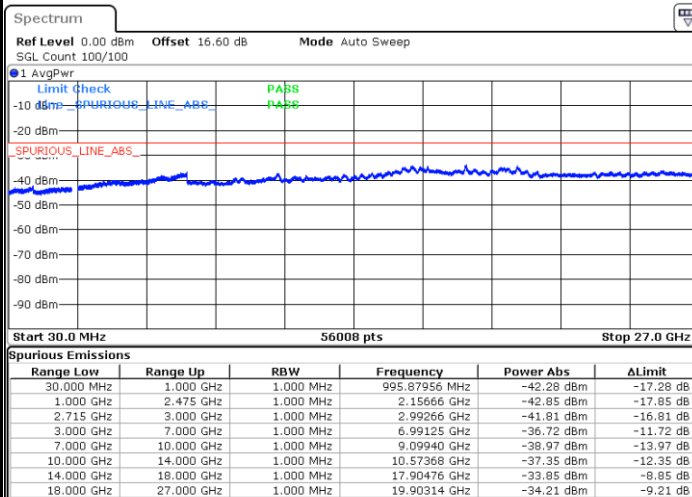
Date: 12.AUG.2020 04:09:35

Lowest Channel / 16QAM



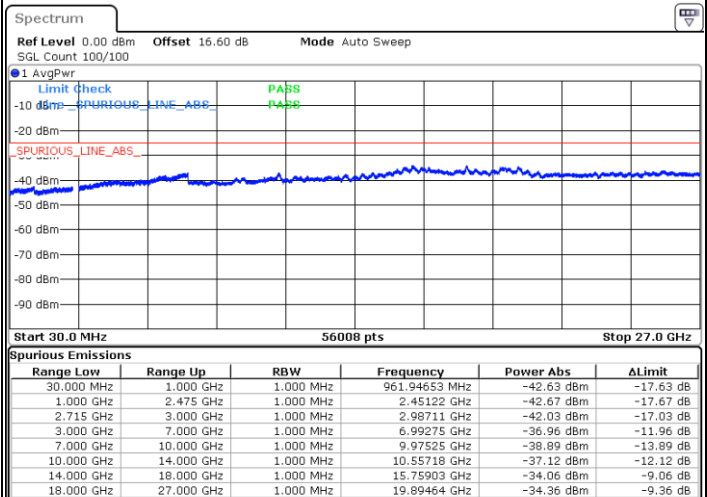
Date: 12.AUG.2020 04:10:36

Middle Channel / QPSK



Date: 12.AUG.2020 04:11:37

Middle Channel / 16QAM

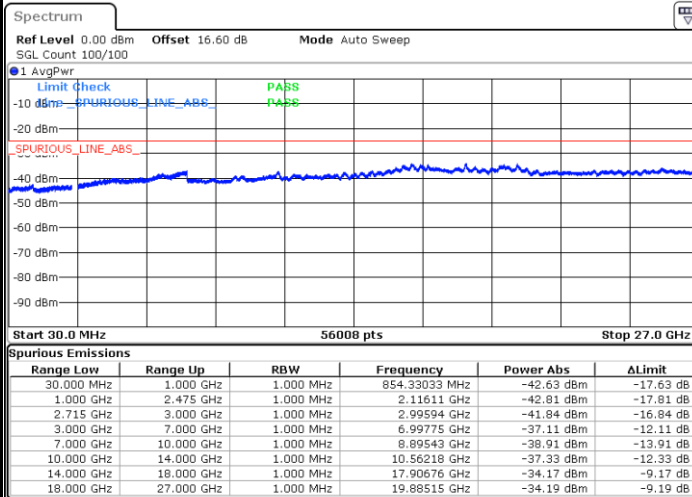


Date: 12.AUG.2020 04:12:38



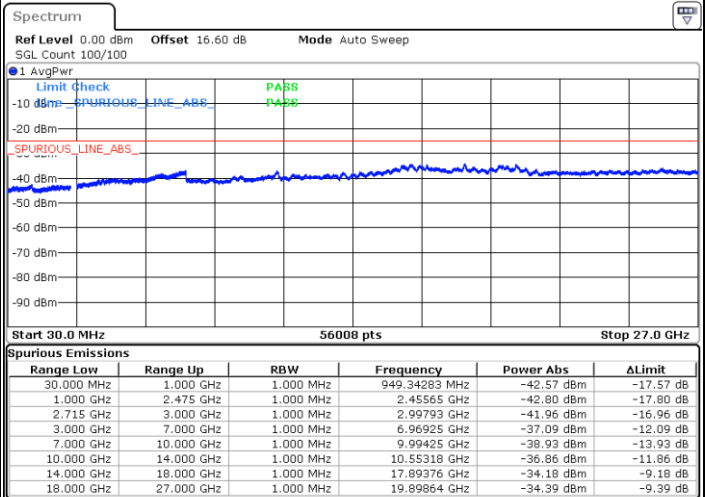
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 12 AUG 2020 04:13:38

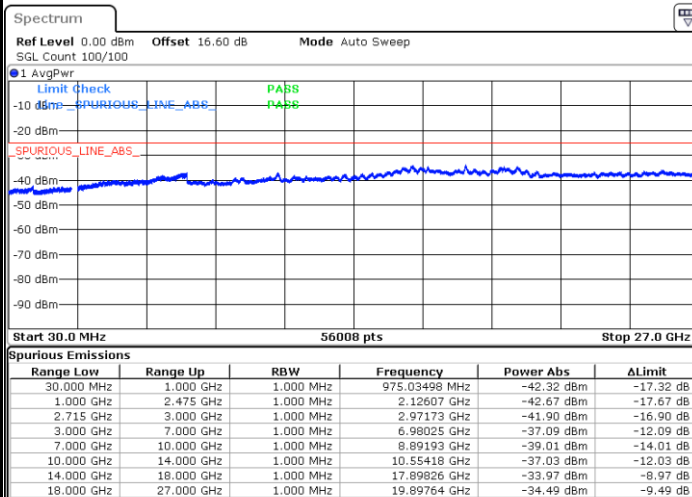
Highest Channel / 16QAM



Date: 12 AUG 2020 04:14:39

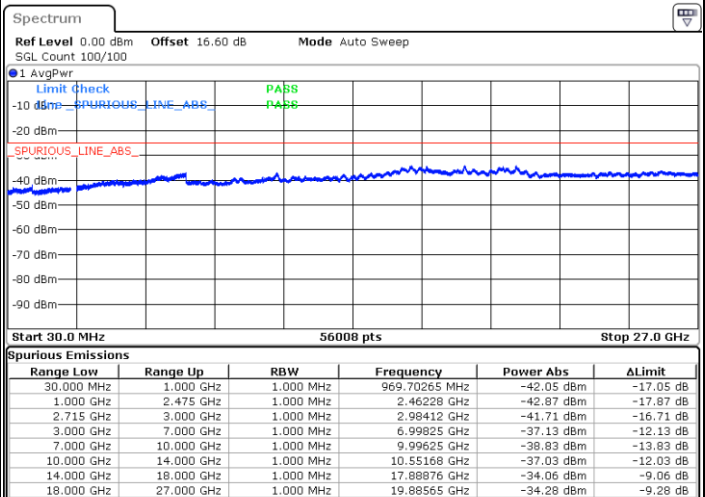
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 12 AUG 2020 04:21:45

Lowest Channel / 16QAM

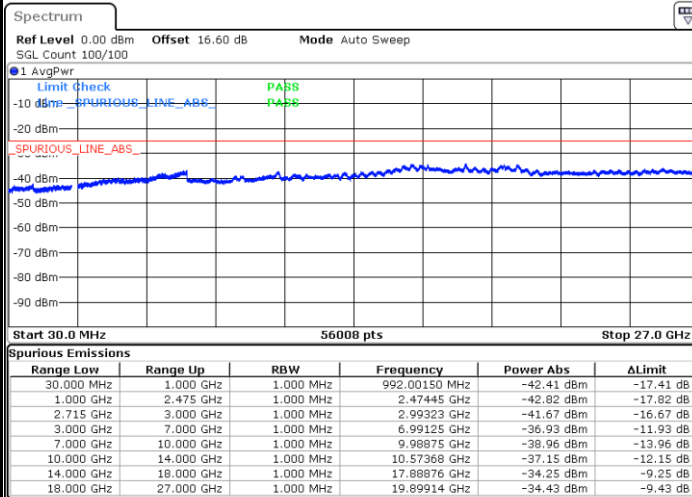


Date: 12 AUG 2020 04:22:47



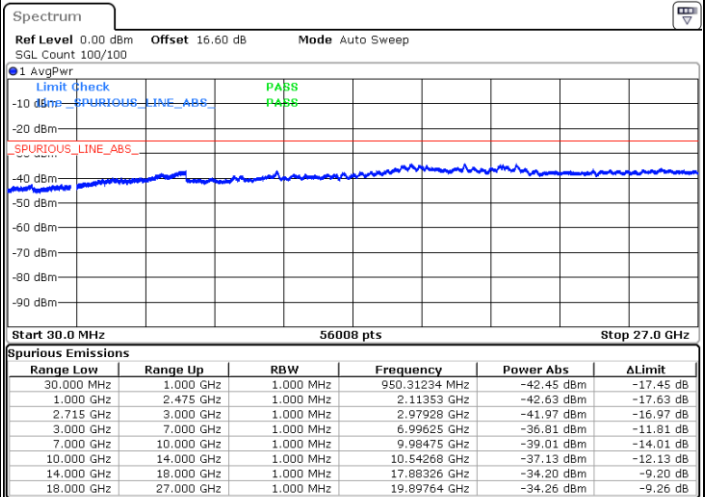
LTE Band 41 / 20MHz

Middle Channel / QPSK



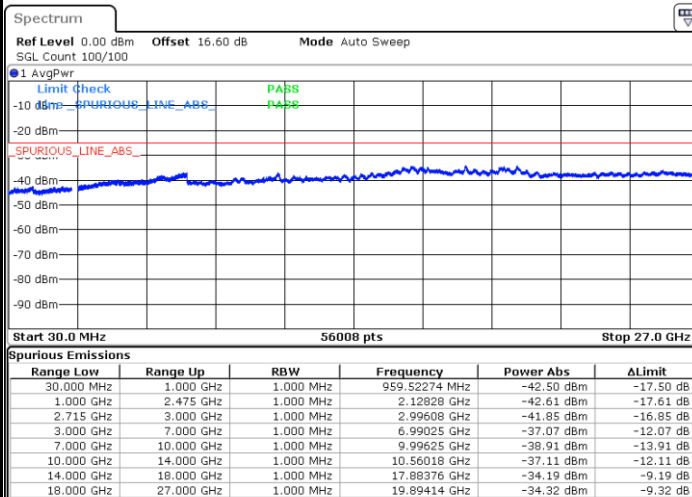
Date: 12.AUG.2020 04:23:47

Middle Channel / 16QAM



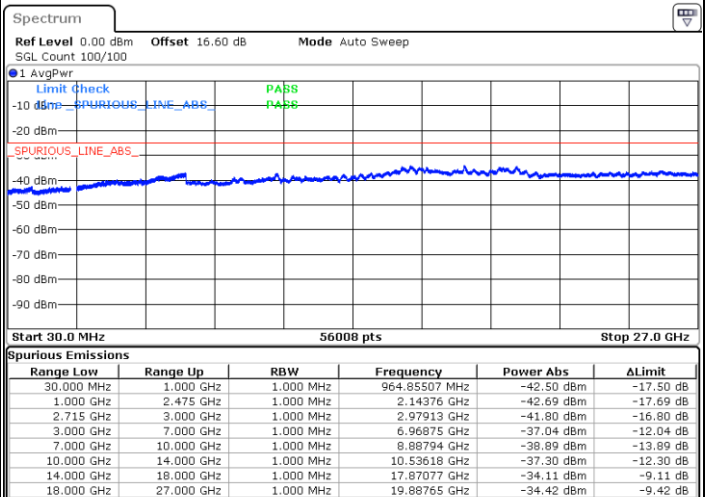
Date: 12.AUG.2020 04:24:48

Highest Channel / QPSK



Date: 12.AUG.2020 04:25:48

Highest Channel / 16QAM

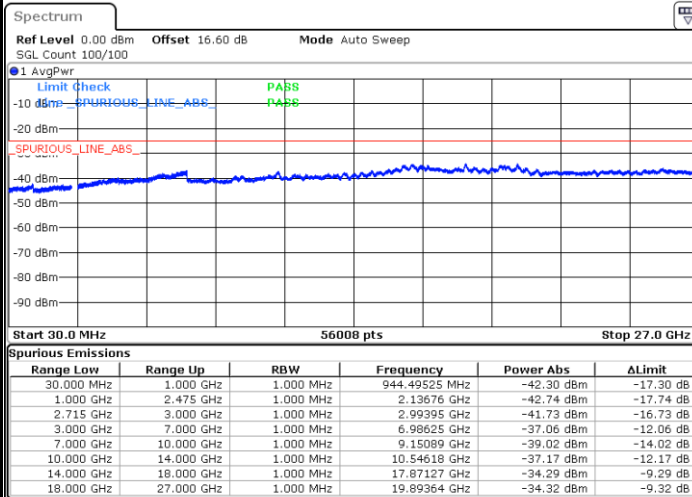


Date: 12.AUG.2020 04:26:50



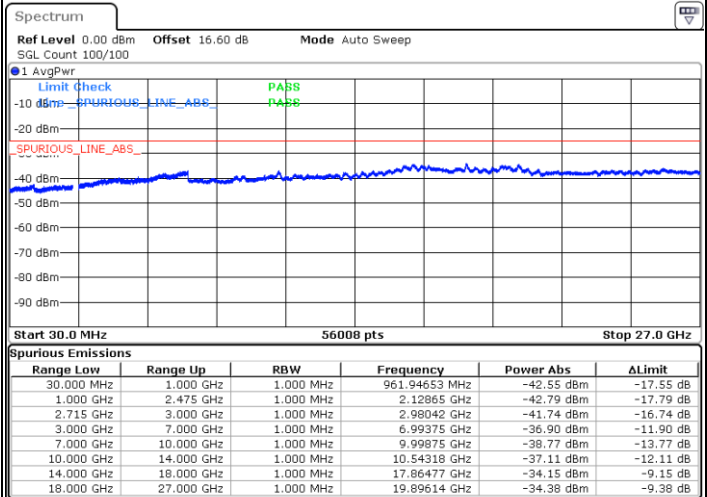
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



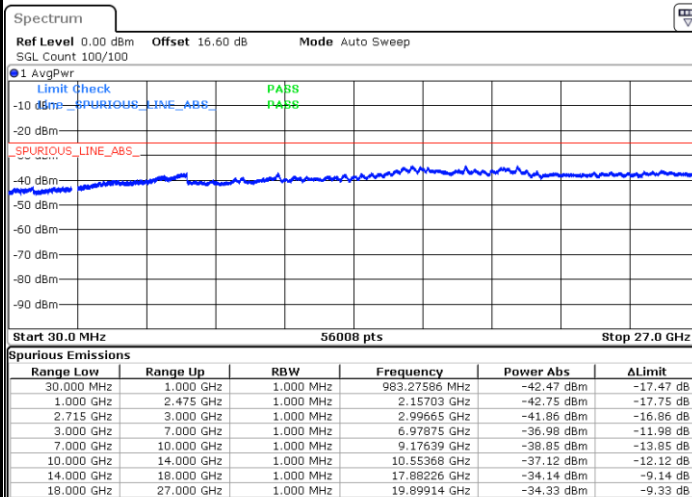
Date: 12.AUG.2020 03:51:19

Middle Channel / 64QAM



Date: 12.AUG.2020 03:52:20

Highest Channel / 64QAM

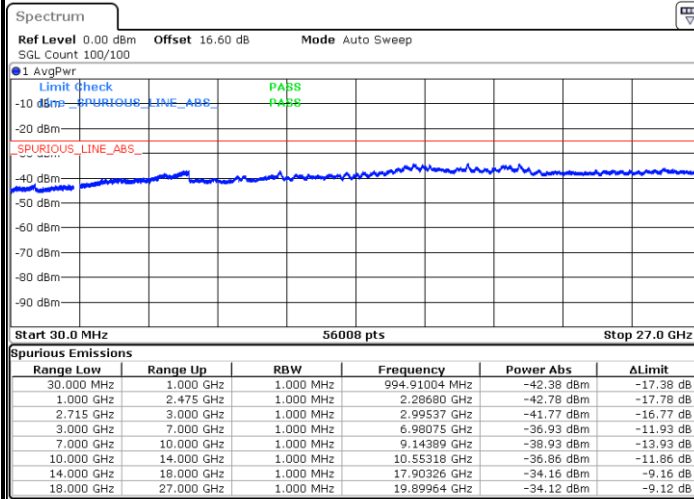


Date: 12.AUG.2020 03:53:21



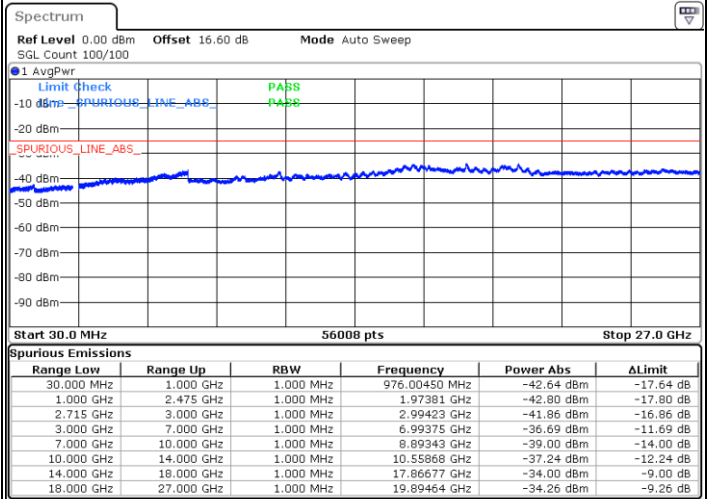
LTE Band 41 / 10MHz

Lowest Channel / 64QAM



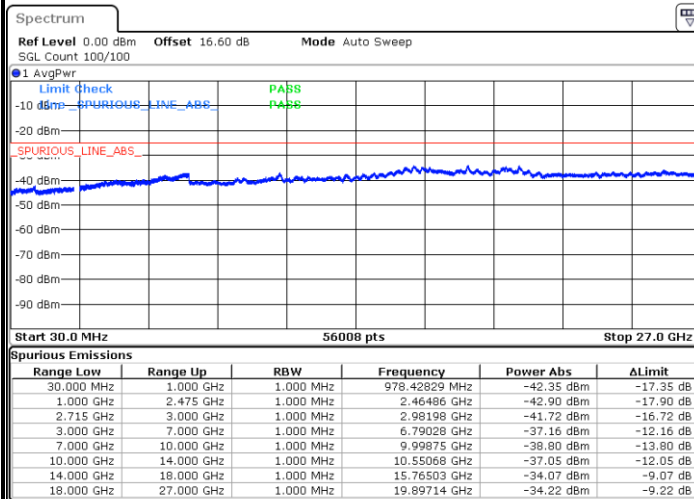
Date: 12.AUG.2020 04:00:27

Middle Channel / 64QAM



Date: 12.AUG.2020 04:01:28

Highest Channel / 64QAM

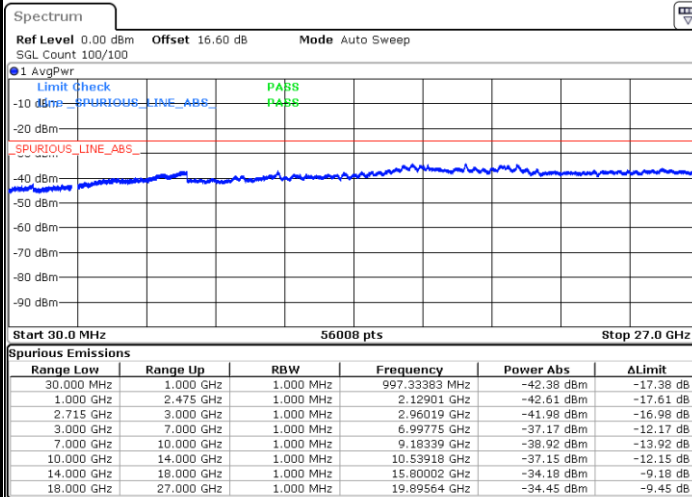


Date: 12.AUG.2020 04:02:28



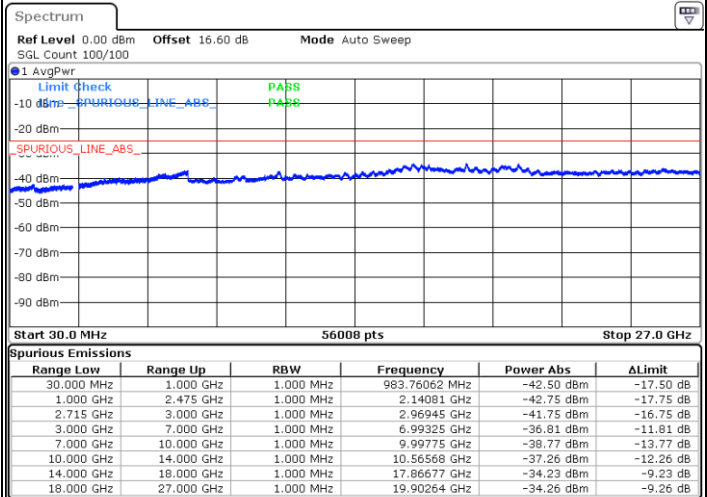
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



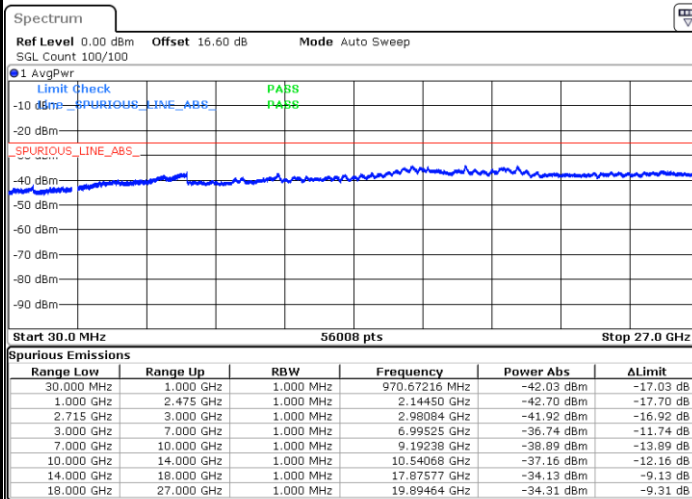
Date: 12.AUG.2020 04:15:40

Middle Channel / 64QAM



Date: 12.AUG.2020 04:16:41

Highest Channel / 64QAM

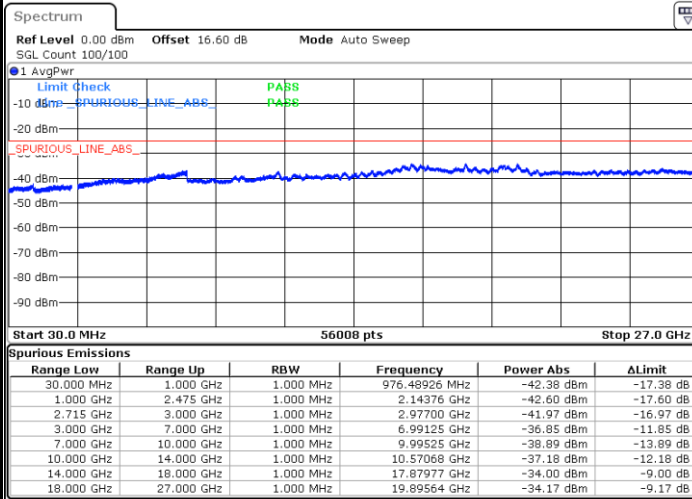


Date: 12.AUG.2020 04:17:42



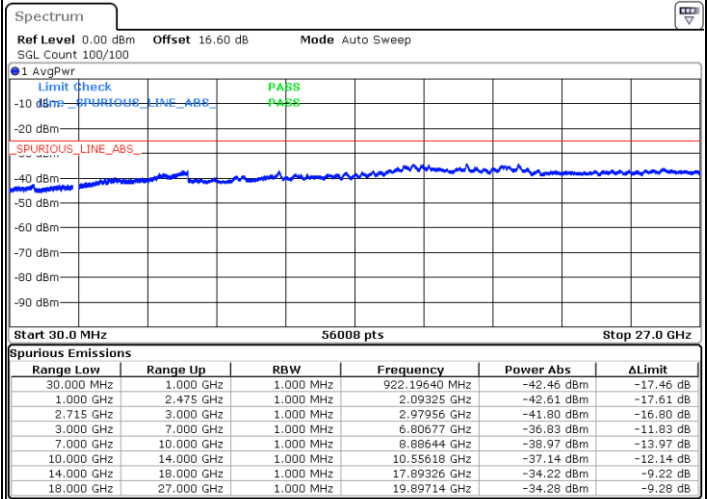
LTE Band 41 / 20MHz

Lowest Channel / 64QAM



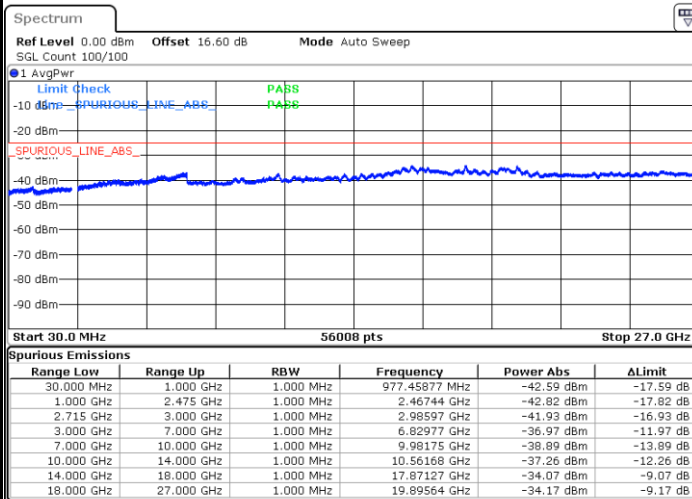
Date: 12.AUG.2020 04:18:43

Middle Channel / 64QAM



Date: 12.AUG.2020 04:19:44

Highest Channel / 64QAM



Date: 12.AUG.2020 04:20:44

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	0.0019	PASS
40	Normal Voltage	0.0055	
30	Normal Voltage	0.0020	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0069	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.25 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 2 / 1.4MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	20.72	0.1180	16.92	0.0492
Middle		6	0	20.67	0.1167	16.87	0.0486
Highest		6	0	20.64	0.1159	16.84	0.0483
Lowest	16QAM	1	3	20.90	0.1230	17.10	0.0513
Middle		1	3	20.85	0.1216	17.05	0.0507
Highest		1	3	20.86	0.1219	17.06	0.0508
Lowest	64QAM	1	3	20.83	0.1211	17.03	0.0505
Middle		1	3	20.80	0.1202	17.00	0.0501
Highest		1	3	20.77	0.1194	16.97	0.0498
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	4	20.85	0.1216	17.05	0.0507
Middle		8	4	20.76	0.1191	16.96	0.0497
Highest		8	4	20.78	0.1197	16.98	0.0499
Lowest	16QAM	1	14	20.98	0.1253	17.18	0.0522
Middle		1	14	20.91	0.1233	17.11	0.0514
Highest		1	14	20.86	0.1219	17.06	0.0508
Lowest	64QAM	1	8	20.92	0.1236	17.12	0.0515
Middle		1	8	20.89	0.1227	17.09	0.0512
Highest		1	8	20.88	0.1225	17.08	0.0511
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	20.87	0.1222	17.07	0.0509
Middle		12	7	20.79	0.1199	16.99	0.0500
Highest		12	7	20.81	0.1205	17.01	0.0502
Lowest	16QAM	1	24	20.98	0.1253	17.18	0.0522
Middle		1	24	20.93	0.1239	17.13	0.0516
Highest		1	24	20.93	0.1239	17.13	0.0516
Lowest	64QAM	1	24	20.90	0.1230	17.10	0.0513
Middle		1	24	20.87	0.1222	17.07	0.0509
Highest		1	24	20.79	0.1199	16.99	0.0500
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	25	20.90	0.1230	17.10	0.0513
Middle		25	25	20.82	0.1208	17.02	0.0504
Highest		25	25	20.83	0.1211	17.03	0.0505
Lowest	16QAM	1	0	20.99	0.1256	17.19	0.0524
Middle		1	0	20.88	0.1225	17.08	0.0511
Highest		1	0	20.87	0.1222	17.07	0.0509
Lowest	64QAM	1	49	20.89	0.1227	17.09	0.0512
Middle		1	49	20.82	0.1208	17.02	0.0504
Highest		1	49	20.85	0.1216	17.05	0.0507
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	20.86	0.1219	17.06	0.0508
Middle		36	20	20.79	0.1199	16.99	0.0500
Highest		36	20	20.77	0.1194	16.97	0.0498
Lowest	16QAM	1	74	20.95	0.1245	17.15	0.0519
Middle		1	74	20.86	0.1219	17.06	0.0508
Highest		1	74	20.87	0.1222	17.07	0.0509
Lowest	64QAM	1	37	20.85	0.1216	17.05	0.0507
Middle		1	37	20.79	0.1199	16.99	0.0500
Highest		1	37	20.75	0.1189	16.95	0.0495
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = -3.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	24	20.84	0.1213	17.04	0.0506
Middle		50	24	20.79	0.1199	16.99	0.0500
Highest		50	24	20.65	0.1161	16.85	0.0484
Lowest	16QAM	1	0	21.00	0.1259	17.20	0.0525
Middle		1	0	20.91	0.1233	17.11	0.0514
Highest		1	0	20.85	0.1216	17.05	0.0507
Lowest	64QAM	1	0	20.91	0.1233	17.11	0.0514
Middle		1	0	20.66	0.1164	16.86	0.0485
Highest		1	0	20.71	0.1178	16.91	0.0491
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	6	0	19.58	0.0908	15.38	0.0345
Middle		6	0	19.58	0.0908	15.38	0.0345
Highest		6	0	19.61	0.0914	15.41	0.0348
Lowest	16QAM	1	3	19.87	0.0971	15.67	0.0369
Middle		1	3	19.89	0.0975	15.69	0.0371
Highest		1	3	19.88	0.0973	15.68	0.0370
Lowest	64QAM	1	3	19.84	0.0964	15.64	0.0366
Middle		1	3	19.82	0.0959	15.62	0.0365
Highest		1	3	19.88	0.0973	15.68	0.0370
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	8	4	19.68	0.0929	15.48	0.0353
Middle		8	4	19.68	0.0929	15.48	0.0353
Highest		8	4	19.72	0.0938	15.52	0.0356
Lowest	16QAM	1	8	20.00	0.1000	15.80	0.0380
Middle		1	8	19.97	0.0993	15.77	0.0378
Highest		1	8	20.01	0.1002	15.81	0.0381
Lowest	64QAM	1	8	19.92	0.0982	15.72	0.0373
Middle		1	8	19.91	0.0979	15.71	0.0372
Highest		1	8	20.02	0.1005	15.82	0.0382
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	7	19.70	0.0933	15.50	0.0355
Middle		12	7	19.70	0.0933	15.50	0.0355
Highest		12	7	19.73	0.0940	15.53	0.0357
Lowest	16QAM	1	12	19.91	0.0979	15.71	0.0372
Middle		1	12	19.92	0.0982	15.72	0.0373
Highest		1	12	19.98	0.0995	15.78	0.0378
Lowest	64QAM	1	24	19.88	0.0973	15.68	0.0370
Middle		1	24	19.86	0.0968	15.66	0.0368
Highest		1	24	19.97	0.0993	15.77	0.0378
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	25	19.68	0.0929	15.48	0.0353
Middle		25	25	19.72	0.0938	15.52	0.0356
Highest		25	25	19.75	0.0944	15.55	0.0359
Lowest	16QAM	1	49	19.89	0.0975	15.69	0.0371
Middle		1	49	19.92	0.0982	15.72	0.0373
Highest		1	49	20.00	0.1000	15.80	0.0380
Lowest	64QAM	1	25	19.83	0.0962	15.63	0.0366
Middle		1	25	19.87	0.0971	15.67	0.0369
Highest		1	25	19.94	0.0986	15.74	0.0375
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	19.62	0.0916	15.42	0.0348
Middle		36	20	19.60	0.0912	15.40	0.0347
Highest		36	20	19.68	0.0929	15.48	0.0353
Lowest	16QAM	1	0	19.92	0.0982	15.72	0.0373
Middle		1	0	19.96	0.0991	15.76	0.0377
Highest		1	0	19.96	0.0991	15.76	0.0377
Lowest	64QAM	1	0	19.81	0.0957	15.61	0.0364
Middle		1	0	19.85	0.0966	15.65	0.0367
Highest		1	0	19.85	0.0966	15.65	0.0367
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = -4.2 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	0	19.67	0.0927	15.47	0.0352
Middle		50	0	19.69	0.0931	15.49	0.0354
Highest		50	0	19.67	0.0927	15.47	0.0352
Lowest	16QAM	1	0	19.94	0.0986	15.74	0.0375
Middle		1	0	19.95	0.0989	15.75	0.0376
Highest		1	0	20.03	0.1007	15.83	0.0383
Lowest	64QAM	1	0	19.81	0.0957	15.61	0.0364
Middle		1	0	19.86	0.0968	15.66	0.0368
Highest		1	0	19.88	0.0973	15.68	0.0370
Limit	EIRP < 1W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	3	0	23.71	0.2350	15.96	0.0394
Middle		3	0	23.56	0.2270	15.81	0.0381
Highest		3	0	23.41	0.2193	15.66	0.0368
Lowest	16QAM	1	3	23.04	0.2014	15.29	0.0338
Middle		1	3	22.88	0.1941	15.13	0.0326
Highest		1	3	22.77	0.1892	15.02	0.0318
Lowest	64QAM	1	3	21.97	0.1574	14.22	0.0264
Middle		1	3	21.83	0.1524	14.08	0.0256
Highest		1	3	21.69	0.1476	13.94	0.0248
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.74	0.2366	15.99	0.0397
Middle		1	0	23.59	0.2286	15.84	0.0384
Highest		1	0	23.53	0.2254	15.78	0.0378
Lowest	16QAM	1	8	23.12	0.2051	15.37	0.0344
Middle		1	8	23.01	0.2000	15.26	0.0336
Highest		1	8	22.84	0.1923	15.09	0.0323
Lowest	64QAM	1	0	22.05	0.1603	14.30	0.0269
Middle		1	0	21.85	0.1531	14.10	0.0257
Highest		1	0	21.57	0.1435	13.82	0.0241
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.81	0.2404	16.06	0.0404
Middle		1	0	23.71	0.2350	15.96	0.0394
Highest		1	0	23.69	0.2339	15.94	0.0393
Lowest	16QAM	1	0	23.17	0.2075	15.42	0.0348
Middle		1	0	23.04	0.2014	15.29	0.0338
Highest		1	0	23.01	0.2000	15.26	0.0336
Lowest	64QAM	1	0	21.41	0.1384	13.66	0.0232
Middle		1	0	22.00	0.1585	14.25	0.0266
Highest		1	0	21.93	0.1560	14.18	0.0262
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.85	0.2427	16.10	0.0407
Middle		1	0	23.71	0.2350	15.96	0.0394
Highest		1	0	23.68	0.2333	15.93	0.0392
Lowest	16QAM	1	0	23.13	0.2056	15.38	0.0345
Middle		1	0	23.06	0.2023	15.31	0.0340
Highest		1	0	23.09	0.2037	15.34	0.0342
Lowest	64QAM	1	49	22.06	0.1607	14.31	0.0270
Middle		1	49	21.99	0.1581	14.24	0.0265
Highest		1	49	21.90	0.1549	14.15	0.0260
Limit	ERP < 3W			Result		PASS	



LTE Band 17 / 5MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.84	0.2421	16.09	0.0406
Middle		1	0	23.75	0.2371	16.00	0.0398
Highest		1	0	23.73	0.2360	15.98	0.0396
Lowest	16QAM	1	24	23.19	0.2084	15.44	0.0350
Middle		1	24	23.06	0.2023	15.31	0.0340
Highest		1	24	23.04	0.2014	15.29	0.0338
Lowest	64QAM	1	0	22.10	0.1622	14.35	0.0272
Middle		1	0	22.01	0.1589	14.26	0.0267
Highest		1	0	22.02	0.1592	14.27	0.0267
Limit	ERP < 3W			Result		PASS	

LTE Band 17 / 10MHz (Average) (GT - LC = -5.6 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	23.81	0.2404	16.06	0.0404
Middle		1	0	23.79	0.2393	16.04	0.0402
Highest		1	0	23.75	0.2371	16.00	0.0398
Lowest	16QAM	1	0	23.20	0.2089	15.45	0.0351
Middle		1	0	23.15	0.2065	15.40	0.0347
Highest		1	0	23.11	0.2046	15.36	0.0344
Lowest	64QAM	1	0	22.10	0.1622	14.35	0.0272
Middle		1	0	22.01	0.1589	14.26	0.0267
Highest		1	0	21.96	0.1570	14.21	0.0264
Limit	ERP < 3W			Result		PASS	



LTE Band 41 / 5MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	12	13	18.74	0.0748	14.04	0.0254
Middle		12	13	19.07	0.0807	14.37	0.0274
Highest		12	13	19.38	0.0867	14.68	0.0294
Lowest	16QAM	1	12	18.78	0.0755	14.08	0.0256
Middle		1	12	19.13	0.0818	14.43	0.0277
Highest		1	12	19.50	0.0891	14.80	0.0302
Lowest	64QAM	25	0	18.83	0.0764	14.13	0.0259
Middle		25	0	19.10	0.0813	14.40	0.0275
Highest		25	0	19.47	0.0885	14.77	0.0300
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 10MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	25	12	18.66	0.0735	13.96	0.0249
Middle		25	12	18.82	0.0762	14.12	0.0258
Highest		25	12	19.32	0.0855	14.62	0.0290
Lowest	16QAM	1	0	18.70	0.0741	14.00	0.0251
Middle		1	0	18.95	0.0785	14.25	0.0266
Highest		1	0	19.34	0.0859	14.64	0.0291
Lowest	64QAM	25	12	18.64	0.0731	13.94	0.0248
Middle		25	12	18.85	0.0767	14.15	0.0260
Highest		25	12	19.32	0.0855	14.62	0.0290
Limit	EIRP < 2W			Result		PASS	

LTE Band 41 / 15MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	36	20	18.74	0.0748	14.04	0.0254
Middle		36	20	18.92	0.0780	14.22	0.0264
Highest		36	20	19.33	0.0857	14.63	0.0290
Lowest	16QAM	1	0	18.71	0.0743	14.01	0.0252
Middle		1	0	19.00	0.0794	14.30	0.0269
Highest		1	0	19.35	0.0861	14.65	0.0292
Lowest	64QAM	36	20	18.73	0.0746	14.03	0.0253
Middle		36	20	18.95	0.0785	14.25	0.0266
Highest		36	20	19.37	0.0865	14.67	0.0293
Limit	EIRP < 2W			Result		PASS	



LTE Band 41 / 20MHz (Average) (GT - LC = -4.7 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	50	24	18.76	0.0752	14.06	0.0255
Middle		50	24	18.94	0.0783	14.24	0.0265
Highest		50	24	19.38	0.0867	14.68	0.0294
Lowest	16QAM	50	24	18.76	0.0752	14.06	0.0255
Middle		50	24	18.98	0.0791	14.28	0.0268
Highest		50	24	19.51	0.0893	14.81	0.0303
Lowest	64QAM	50	24	18.79	0.0757	14.09	0.0256
Middle		50	24	19.02	0.0798	14.32	0.0270
Highest		50	24	19.41	0.0873	14.71	0.0296
Limit	EIRP < 2W			Result		PASS	

**Radiated Spurious Emission****LTE Band 2**

LTE Band 2 / 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	3700	-45.84	-13	-32.84	-66.1	-56.87	1.43	12.46	H
	5553	-43.56	-13	-30.56	-67.26	-54.84	2.01	13.29	H
	7404	-38.55	-13	-25.55	-66.28	-47.74	2.21	11.40	H
									H
									H
									H
	3700	-45.67	-13	-32.67	-65.62	-56.70	1.43	12.46	V
	5553	-43.71	-13	-30.71	-67.61	-54.99	2.01	13.29	V
	7404	-40.10	-13	-27.10	-67.38	-49.29	2.21	11.40	V
									V
									V
									V
Middle	3742	-46.47	-13	-33.47	-66.82	-57.50	1.46	12.49	H
	5613	-43.57	-13	-30.57	-67.23	-54.85	2.00	13.28	H
	7484	-39.09	-13	-26.09	-66.84	-48.23	2.18	11.32	H
									H
									H
									H
									H
	3742	-46.65	-13	-33.65	-66.73	-57.68	1.46	12.49	V
	5613	-43.62	-13	-30.62	-67.59	-54.90	2.00	13.28	V
	7484	-37.90	-13	-24.90	-65.68	-47.04	2.18	11.32	V
									V
									V
									V



Highest	3784	-45.82	-13	-32.82	-66.26	-56.85	1.50	12.53	H
	5673	-44.49	-13	-31.49	-68.22	-55.76	2.00	13.27	H
	7564	-40.75	-13	-27.75	-68.06	-49.82	2.21	11.29	H
									H
									H
									H
									H
	3784	-45.66	-13	-32.66	-65.87	-56.69	1.50	12.53	V
	5673	-44.03	-13	-31.03	-68.04	-55.30	2.00	13.27	V
	7564	-40.06	-13	-27.06	-67.58	-49.13	2.21	11.29	V
									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	-47.28	-13	-34.28	-65.94	-58.17	1.23	12.12	H
	5133	-43.99	-13	-30.99	-67.62	-54.88	1.97	12.86	H
	6844	-41.69	-13	-28.69	-66.63	-50.65	2.34	11.30	H
									H
									H
									H
									H
	3420	-47.76	-13	-34.76	-66.02	-58.65	1.23	12.12	V
	5133	-44.74	-13	-31.74	-68.12	-55.63	1.97	12.86	V
	6844	-42.50	-13	-29.50	-67.31	-51.46	2.34	11.30	V
									V
									V
									V
									V
Middle	3448	-47.63	-13	-34.63	-66.59	-58.58	1.24	12.19	H
	5170	-43.59	-13	-30.59	-67.34	-54.52	1.97	12.90	H
	6894	-40.90	-13	-27.90	-66.29	-50.01	2.35	11.46	H
									H
									H
									H
									H
	3448	-48.48	-13	-35.48	-67.13	-59.43	1.24	12.19	V
	5170	-43.34	-13	-30.34	-66.73	-54.27	1.97	12.90	V
	6894	-40.75	-13	-27.75	-66.15	-49.86	2.35	11.46	V
									V
									V
									V
									V



Highest	3469	-47.17	-13	-34.17	-66.36	-58.16	1.24	12.23	H
	5208	-43.79	-13	-30.79	-67.63	-54.76	1.97	12.95	H
	6944	-40.42	-13	-27.42	-66.26	-49.68	2.36	11.62	H
									H
									H
									H
									H
	3469	-47.05	-13	-34.05	-65.99	-58.04	1.24	12.23	V
	5208	-43.59	-13	-30.59	-67	-54.56	1.97	12.95	V
	6944	-39.78	-13	-26.78	-65.78	-49.04	2.36	11.62	V
									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	1408	-52.95	-13	-39.95	-64.82	-57.93	0.58	7.71	H
	2112	-50.55	-13	-37.55	-65.83	-57.75	0.90	10.26	H
	2816	-49.15	-13	-36.15	-65.81	-56.99	1.06	11.05	H
	3498	-48.67	-13	-35.67	-67.39	-57.57	1.25	12.30	H
									H
									H
									H
	1408	-52.45	-13	-39.45	-64.34	-57.43	0.58	7.71	V
	2112	-50.52	-13	-37.52	-65.78	-57.72	0.90	10.26	V
	2816	-48.82	-13	-35.82	-65.99	-56.66	1.06	11.05	V
	3498	-49.10	-13	-36.10	-67.66	-58.00	1.25	12.30	V
									V
									V
									V
Middle	1406	-52.28	-13	-39.28	-64.16	-57.25	0.58	7.71	H
	2109	-50.28	-13	-37.28	-65.50	-57.48	0.90	10.25	H
	2812	-48.64	-13	-35.64	-65.28	-56.48	1.06	11.05	H
	3515	-48.69	-13	-35.69	-67.53	-57.59	1.26	12.31	H
									H
									H
									H
	1406	-52.42	-13	-39.42	-64.32	-57.39	0.58	7.71	V
	2109	-49.34	-13	-36.34	-64.53	-56.54	0.90	10.25	V
	2812	-49.14	-13	-36.14	-66.31	-56.98	1.06	11.05	V
	3515	-48.91	-13	-35.91	-67.56	-57.81	1.26	12.31	V
									V
									V
									V



Highest	1422	-51.86	-13	-38.86	-63.64	-56.89	0.59	7.77	H
	2133	-49.86	-13	-36.86	-65.55	-57.09	0.91	10.29	H
	2844	-49.11	-13	-36.11	-65.92	-56.96	1.07	11.08	H
	3555	-48.13	-13	-35.13	-67.23	-57.03	1.30	12.34	H
									H
									H
									H
	1422	-52.08	-13	-39.08	-63.81	-57.11	0.59	7.77	V
	2133	-50.25	-13	-37.25	-65.91	-57.48	0.91	10.29	V
	2844	-48.86	-13	-35.86	-66.03	-56.71	1.07	11.08	V
	3555	-48.37	-13	-35.37	-67.17	-57.27	1.30	12.34	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	-55.93	-25	-30.93	-50.36	-66.68	1.95	12.70	H
	7491	-53.51	-25	-28.51	-54.49	-62.65	2.17	11.31	H
	9990	-49.34	-25	-24.34	-52.35	-58.12	2.43	11.21	H
									H
									H
									H
									H
	4992	-56.24	-25	-31.24	-50.8	-66.99	1.95	12.70	V
	7491	-53.10	-25	-28.10	-54.16	-62.24	2.17	11.31	V
	9990	-50.13	-25	-25.13	-52.47	-58.91	2.43	11.21	V
									V
									V
									V
									V
Middle	5166	-55.28	-25	-30.28	-50.22	-66.21	1.97	12.90	H
	7752	-51.92	-25	-26.92	-52.59	-60.82	2.35	11.25	H
	10332	-48.58	-25	-23.58	-51.42	-57.08	2.57	11.07	H
									H
									H
									H
									H
	5168	-56.28	-25	-31.28	-50.87	-67.21	1.97	12.90	V
	7752	-49.64	-25	-24.64	-50.42	-58.54	2.35	11.25	V
	10332	-49.39	-25	-24.39	-51.8	-57.89	2.57	11.07	V
									V
									V
									V
									V



Highest	5340	-55.99	-25	-30.99	-50.87	-67.11	1.99	13.11	H
	8013	-49.91	-25	-24.91	-52.54	-58.59	2.52	11.19	H
	10683	-49.44	-25	-24.44	-52.33	-57.78	2.63	10.96	H
									H
									H
									H
									H
	5340	-55.54	-25	-30.54	-50.36	-66.66	1.99	13.11	V
	8013	-49.61	-25	-24.61	-52.08	-58.29	2.52	11.19	V
	10683	-48.85	-25	-23.85	-51.89	-57.19	2.63	10.96	V
									V
									V
									V
									V

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

————THE END————