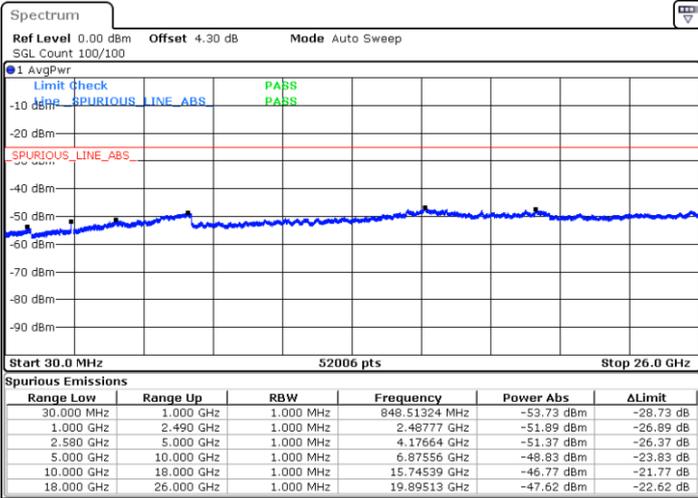




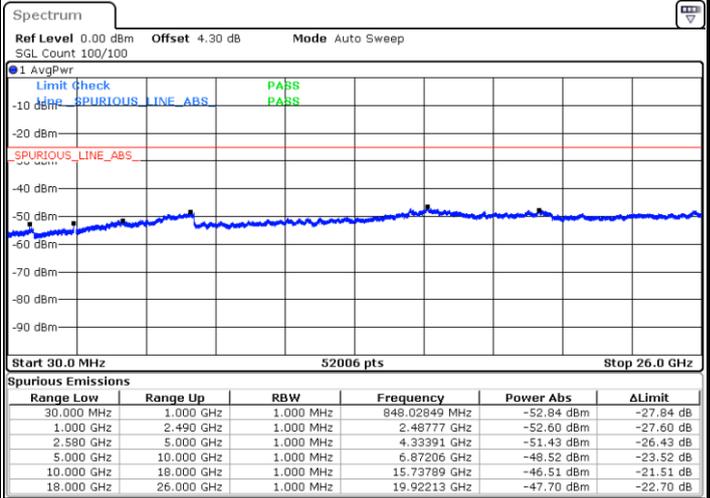
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



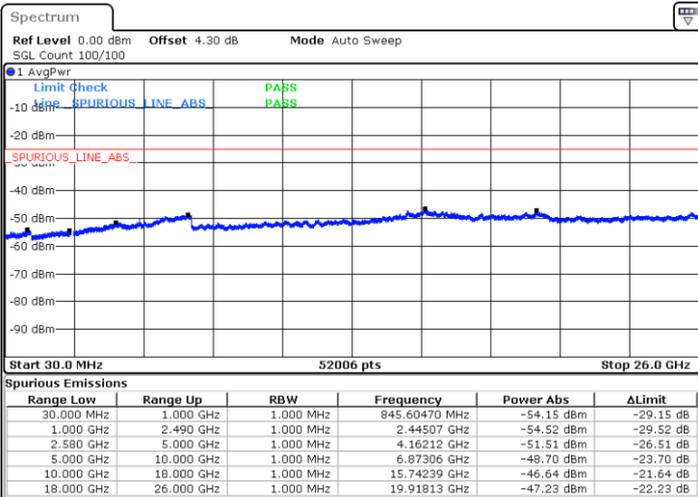
Date: 23.OCT.2017 10:11:04



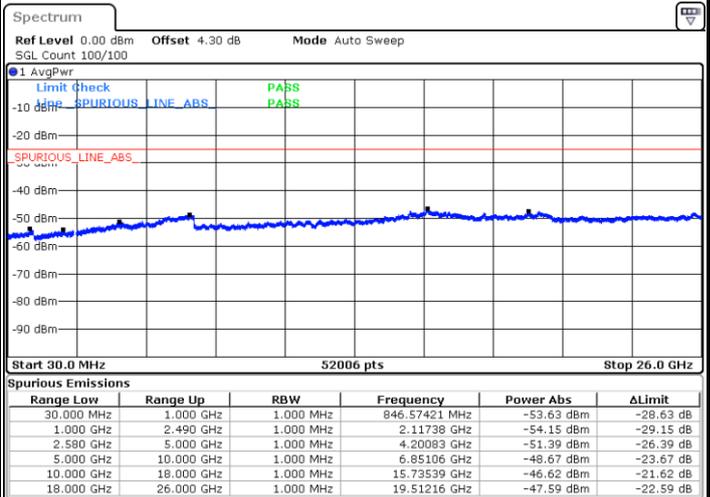
Date: 23.OCT.2017 10:10:10

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 23.OCT.2017 10:11:58

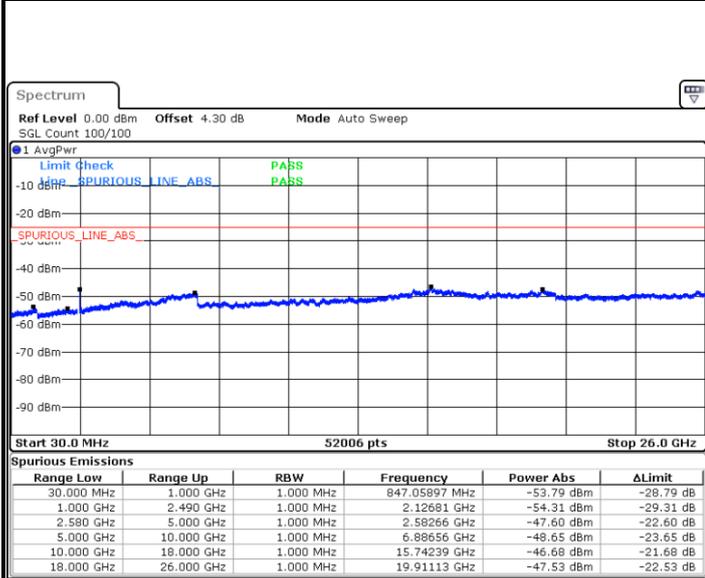


Date: 23.OCT.2017 10:12:52



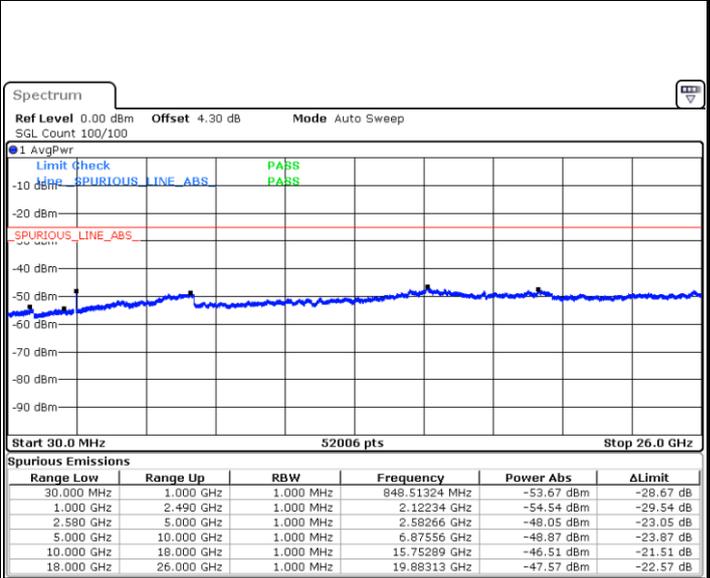
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 23.OCT.2017 10:20:30

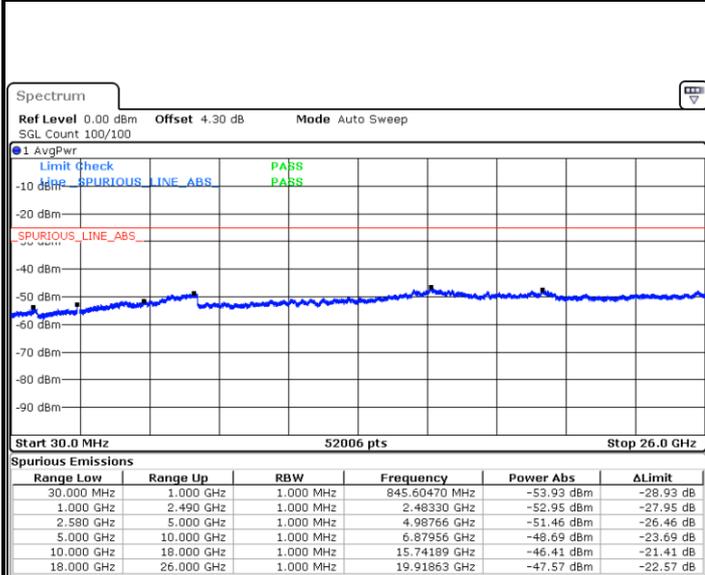
Highest Channel / 16QAM



Date: 23.OCT.2017 10:19:36

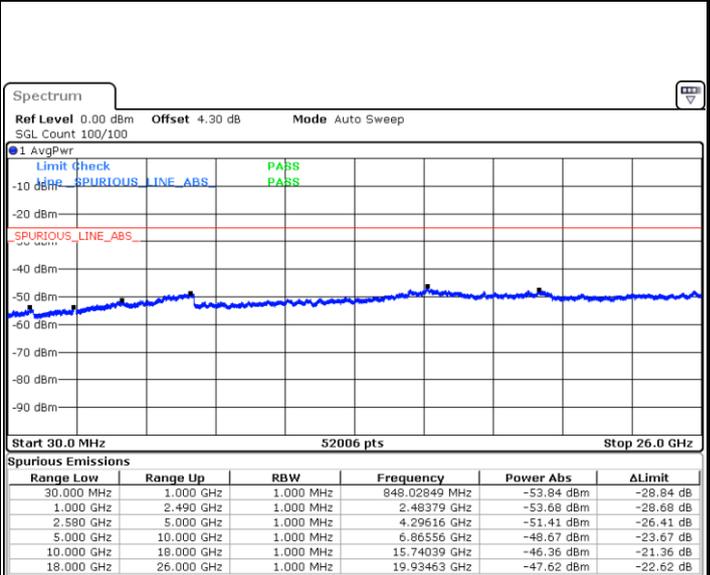
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 23.OCT.2017 10:27:29

Lowest Channel / 16QAM



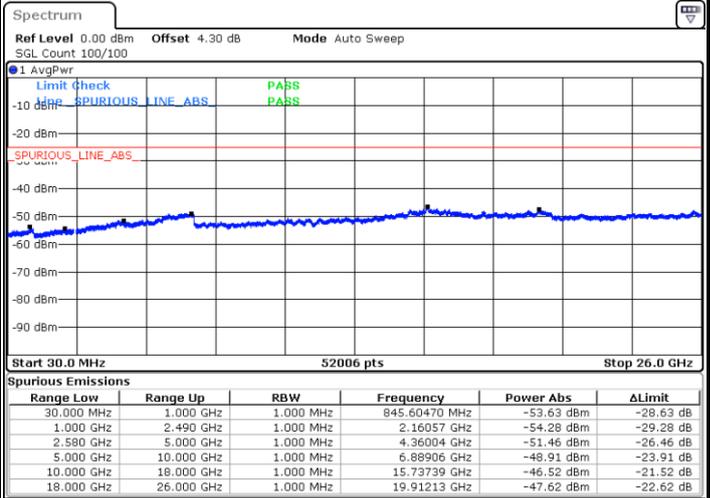
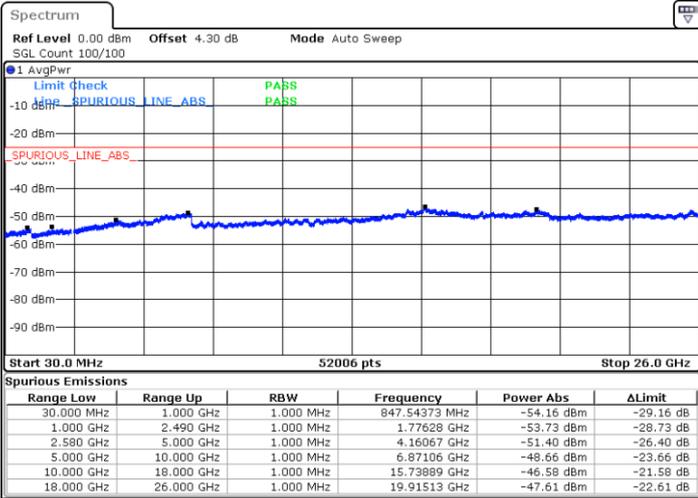
Date: 23.OCT.2017 10:26:35



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

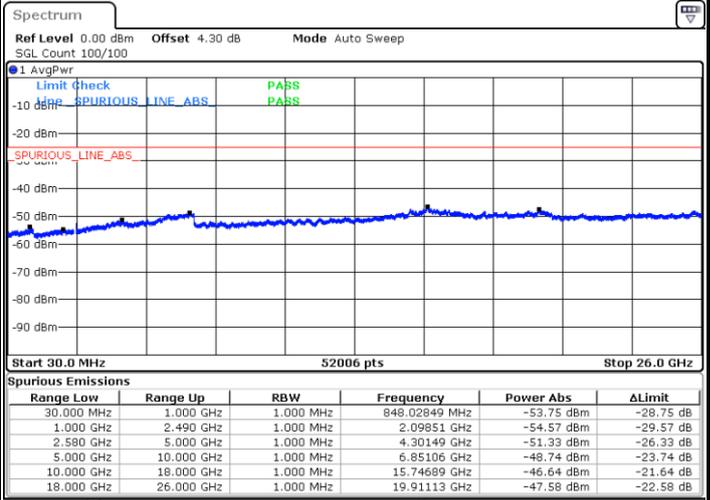
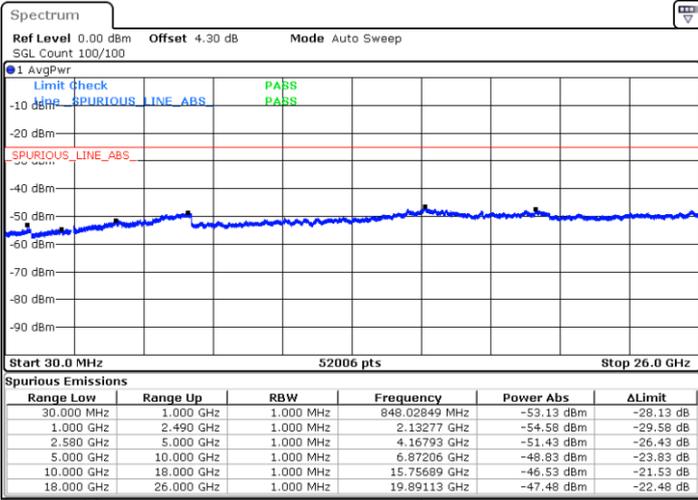


Date: 23.OCT.2017 10:28:23

Date: 23.OCT.2017 10:29:17

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 23.OCT.2017 10:36:55

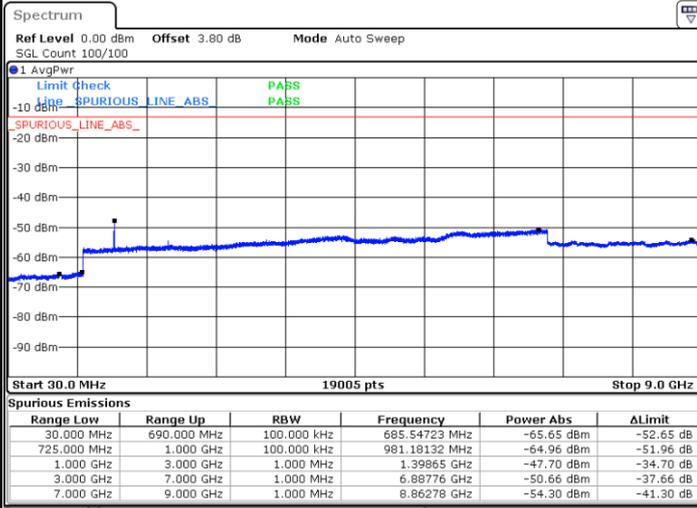
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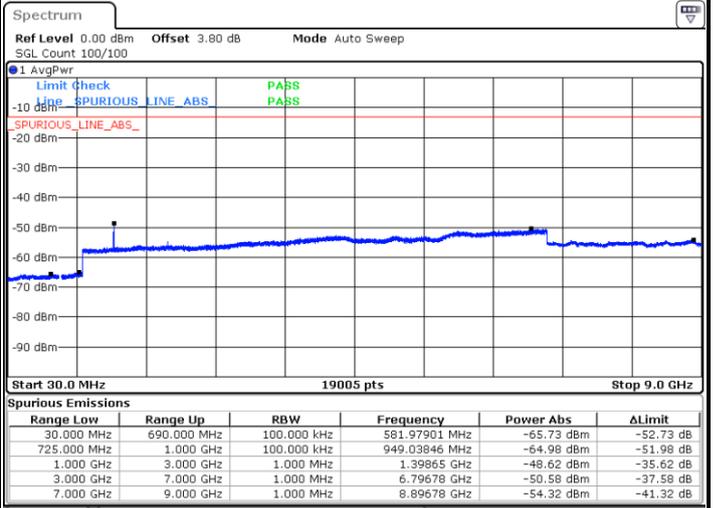
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



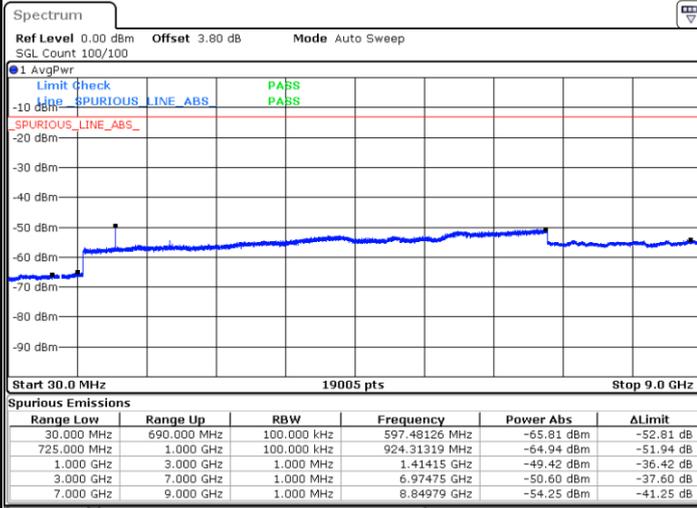
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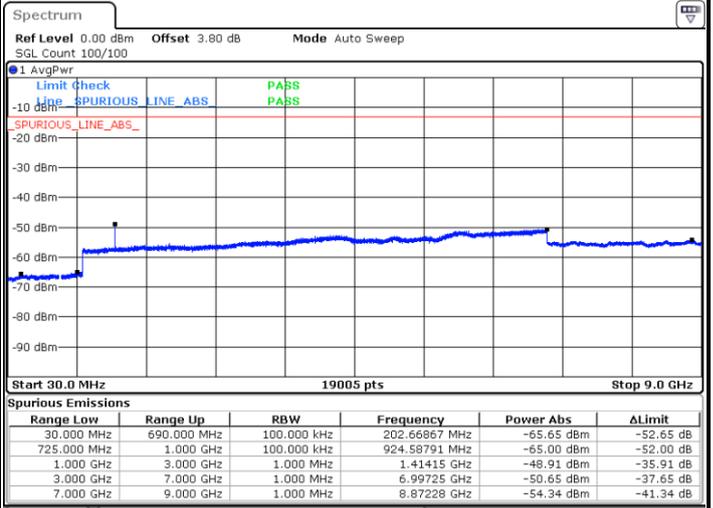
Date: 20.OCT.2017 20:24:30

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 20.OCT.2017 20:26:17

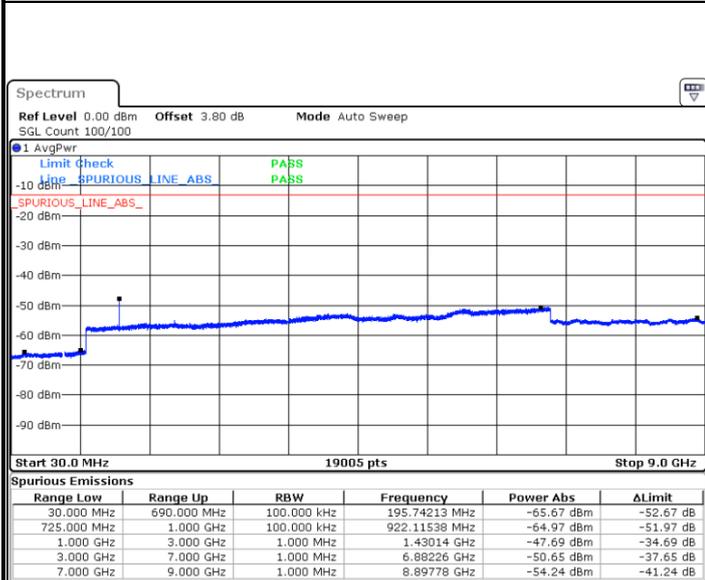


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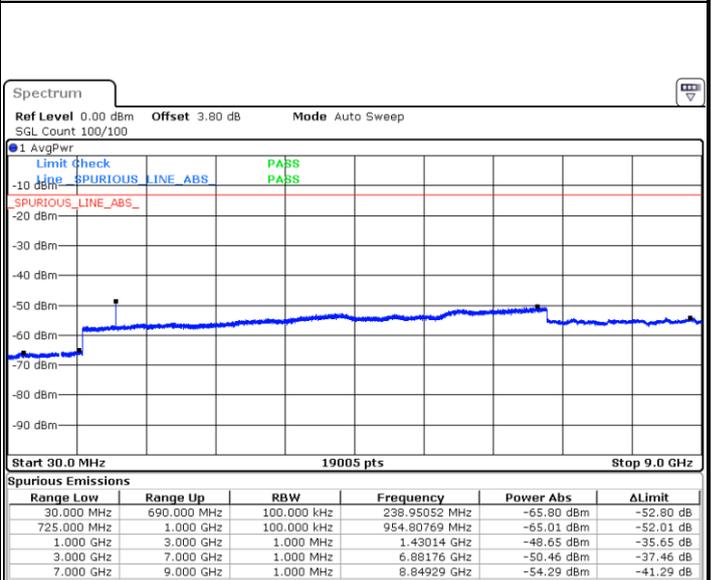
LTE Band 12 / 1.4MHz

Highest Channel / QPSK



Date: 20.OCT.2017 20:27:11

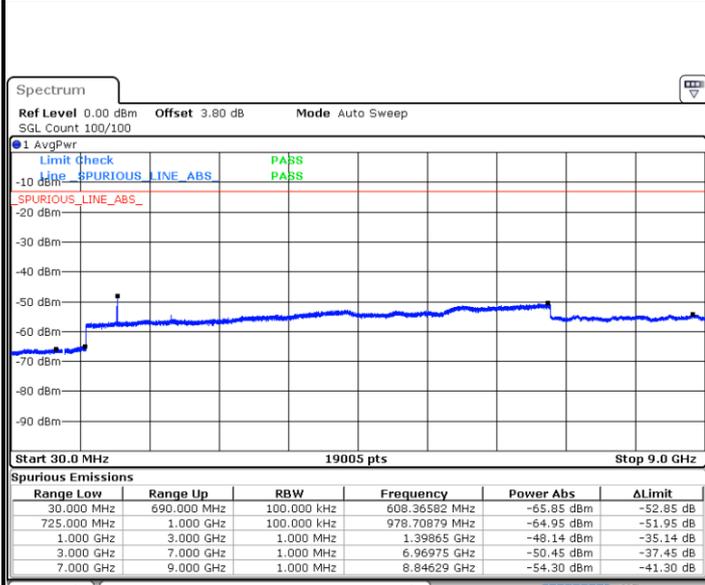
Highest Channel / 16QAM



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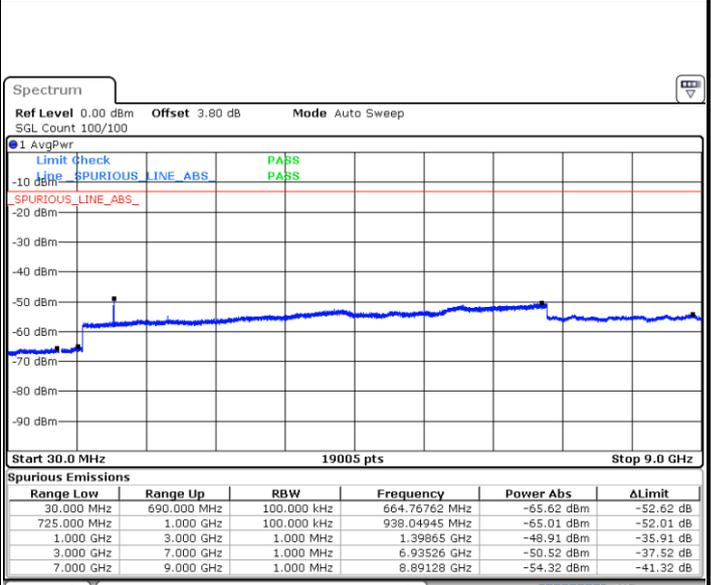
LTE Band 12 / 3MHz

Lowest Channel / QPSK



Date: 20.OCT.2017 20:40:05

Lowest Channel / 16QAM



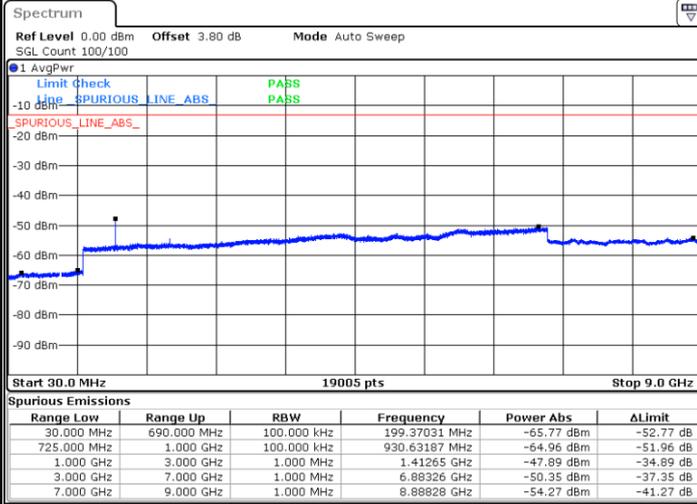
Date: 20.OCT.2017 20:40:58



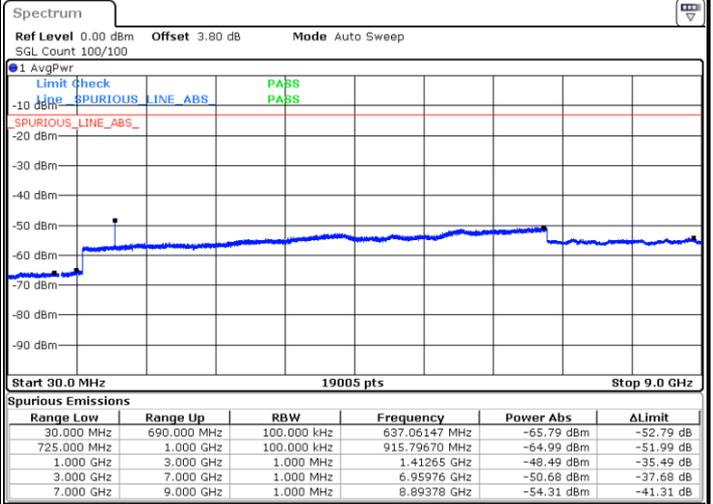
LTE Band 12 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



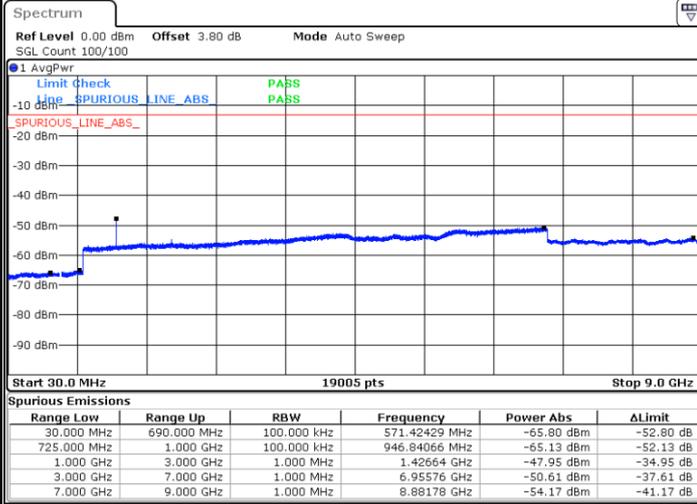
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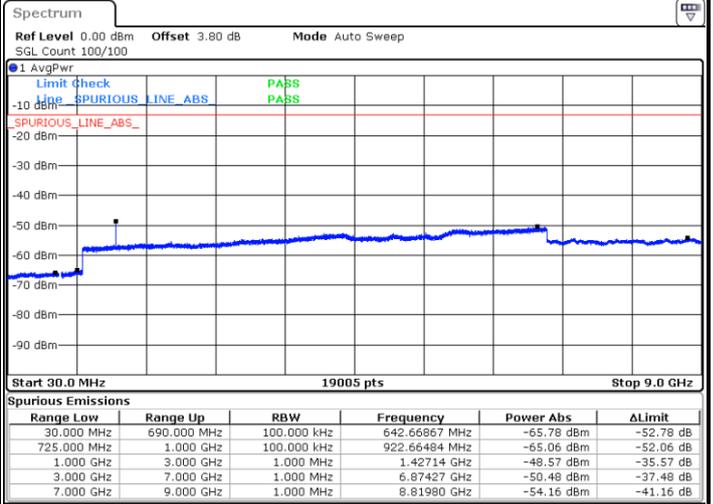
Date: 20.OCT.2017 20:41:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 20.OCT.2017 20:43:38



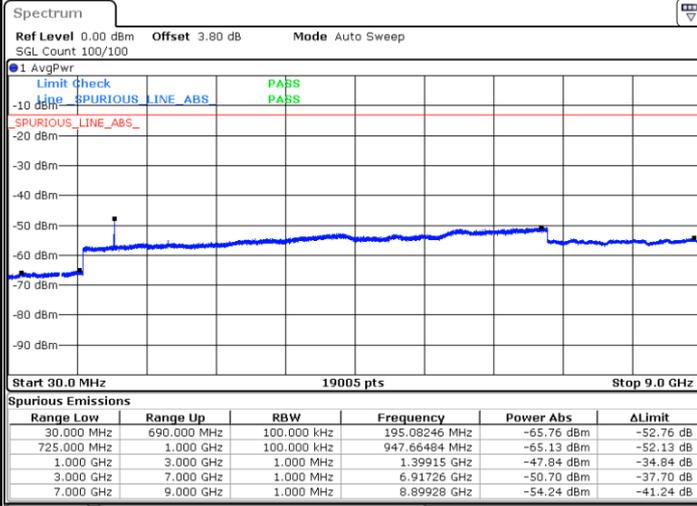
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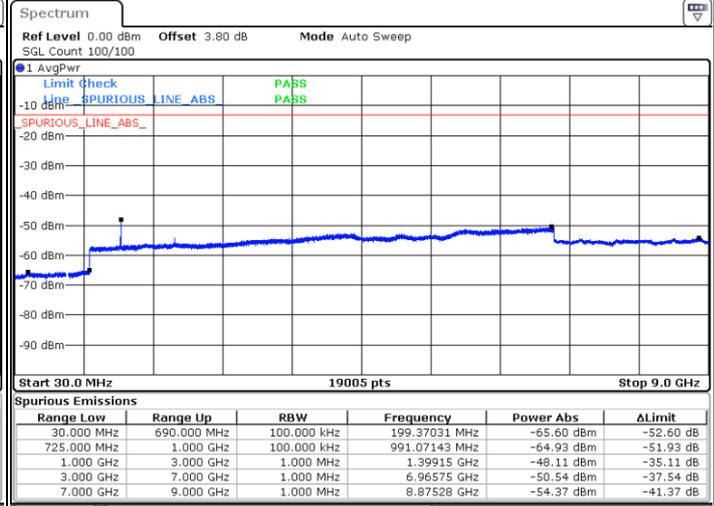
LTE Band 12 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



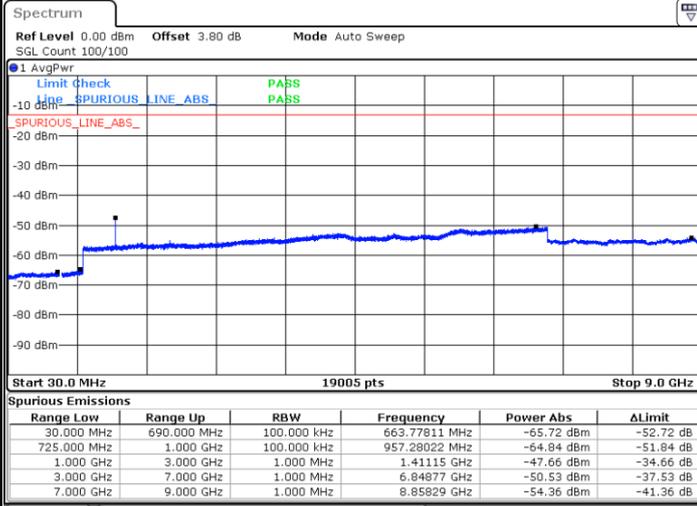
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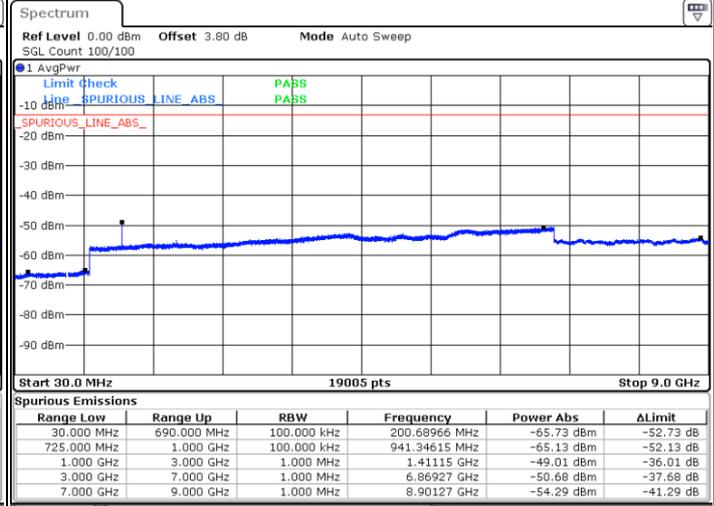
Date: 20.OCT.2017 20:57:25

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 20.OCT.2017 20:59:12

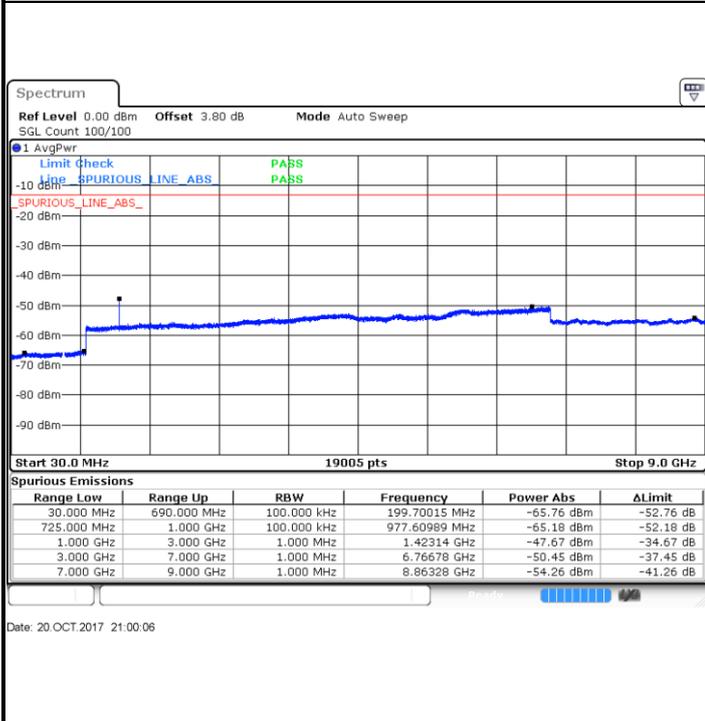


Date: 20.OCT.2017 20:58:19

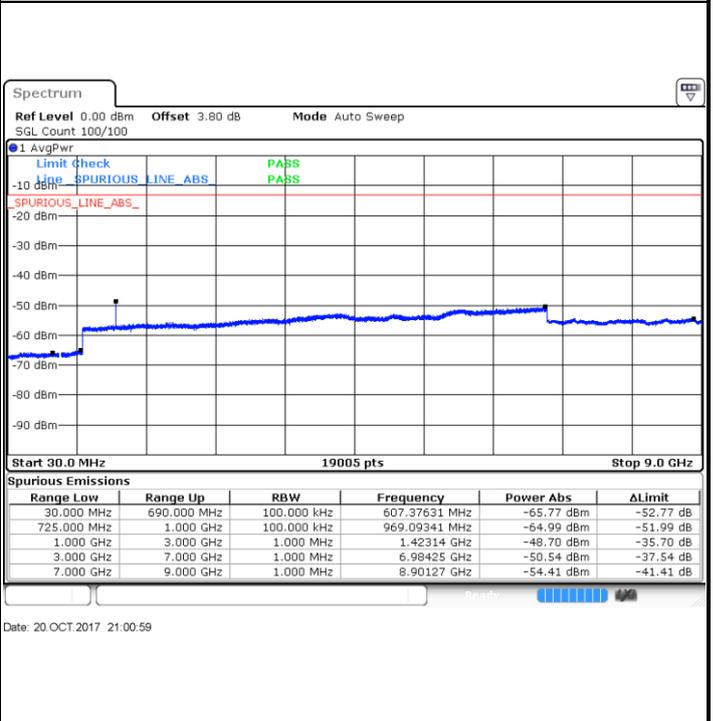


LTE Band 12 / 5MHz

Highest Channel / QPSK

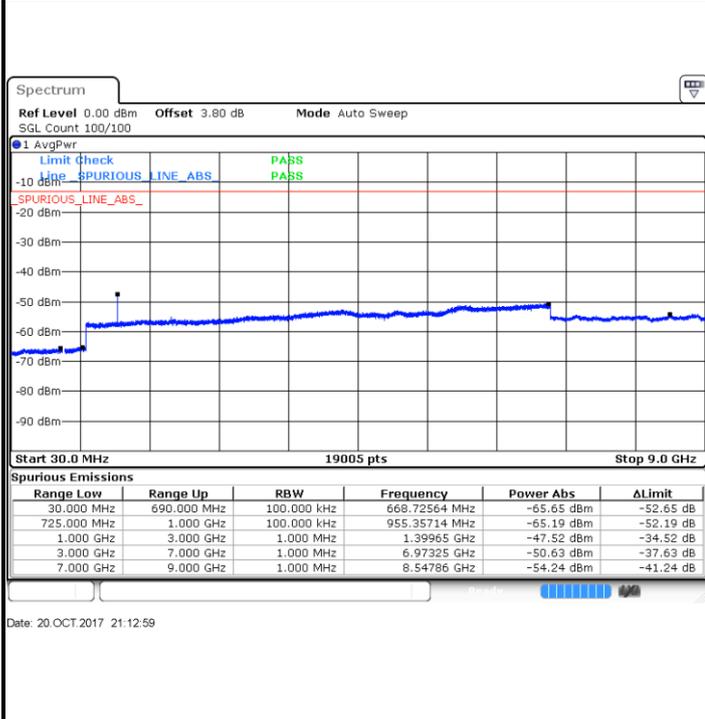


Highest Channel / 16QAM

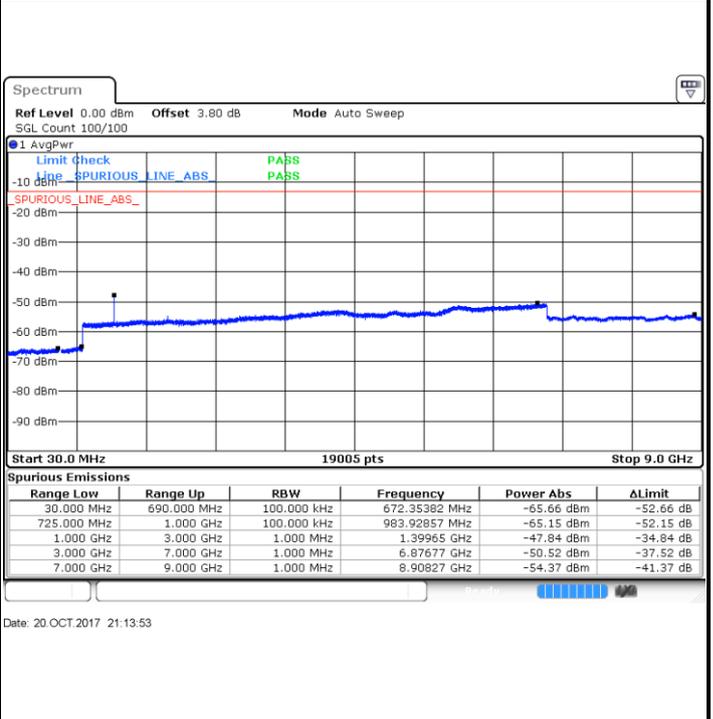


LTE Band 12 / 10MHz

Lowest Channel / QPSK



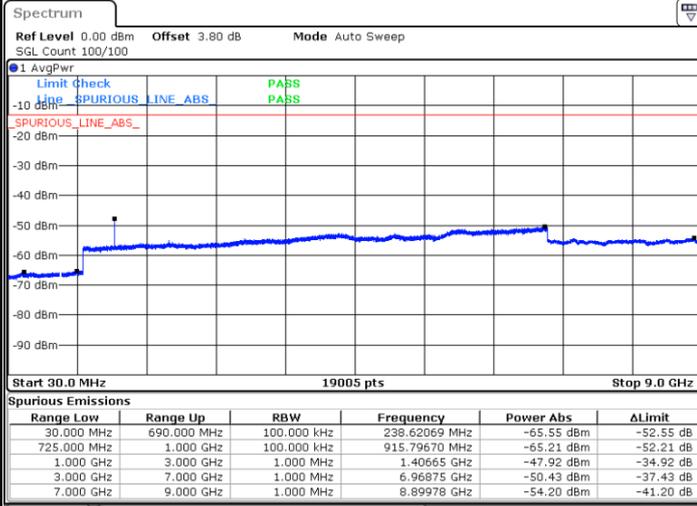
Lowest Channel / 16QAM





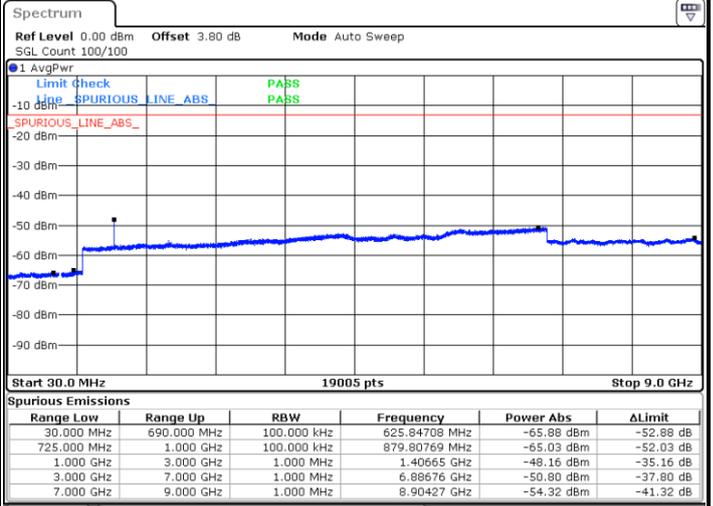
LTE Band 12 / 10MHz

Middle Channel / QPSK



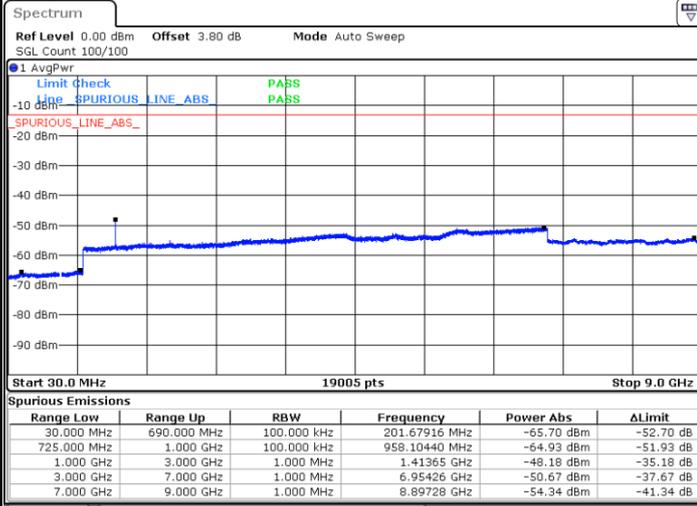
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Middle Channel / 16QAM



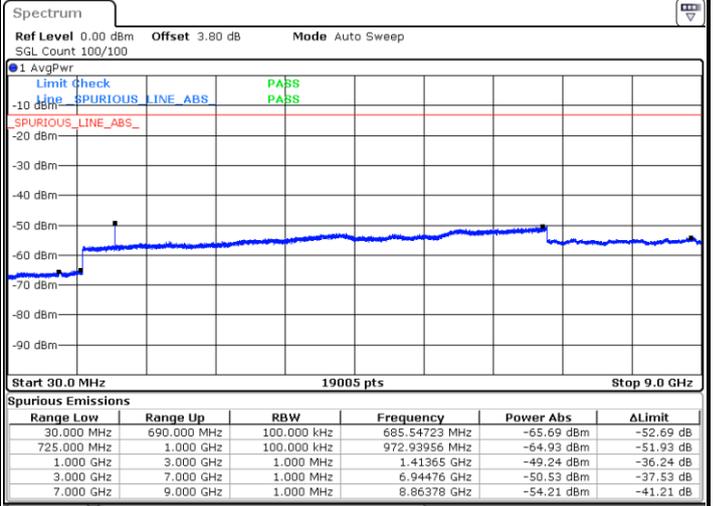
Date: 20.OCT.2017 21:14:46

Highest Channel / QPSK



Date: 20.OCT.2017 21:16:33

Highest Channel / 16QAM

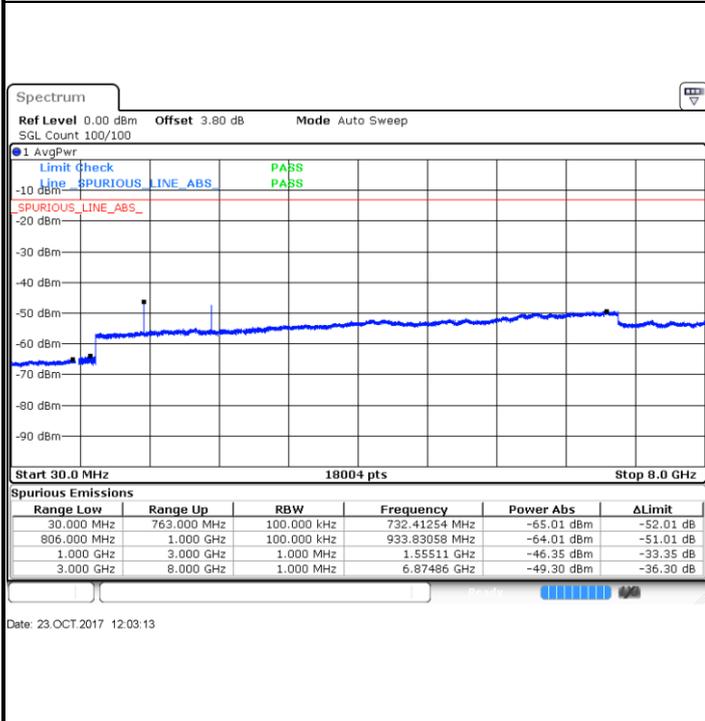


Date: 20.OCT.2017 21:17:27

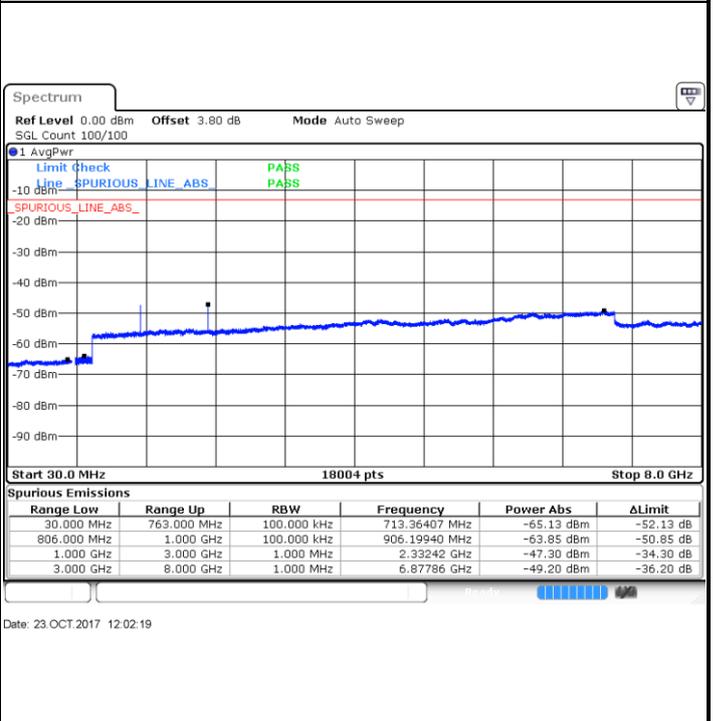


LTE Band 13 / 5MHz

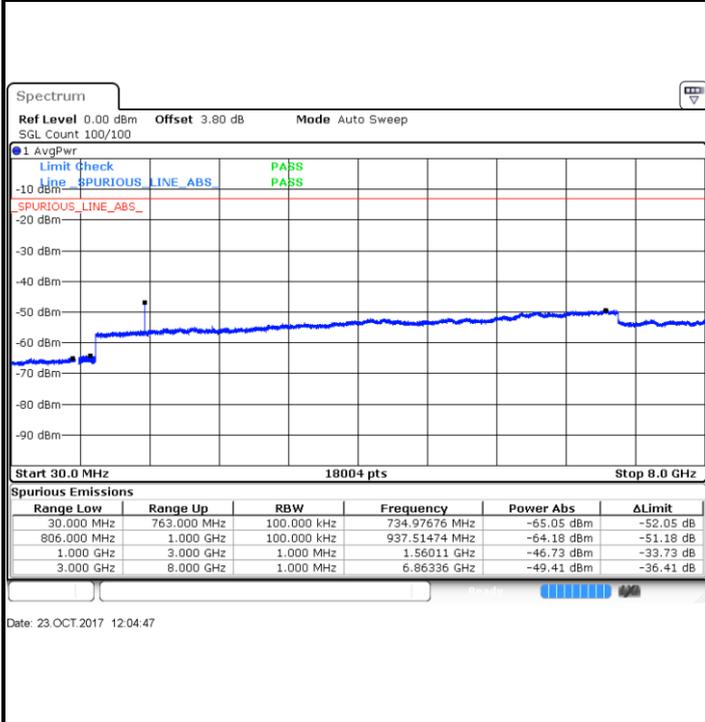
Lowest Channel / QPSK



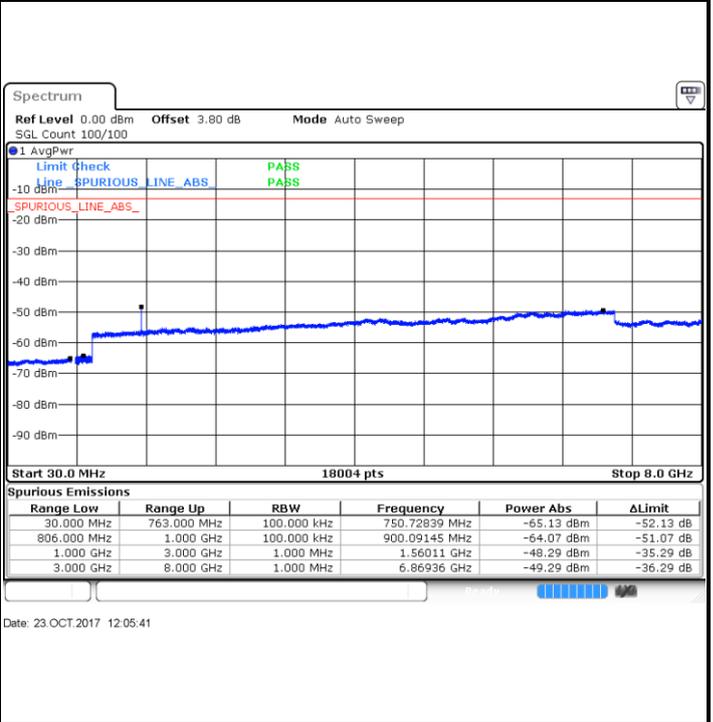
Lowest Channel / 16QAM



Middle Channel / QPSK



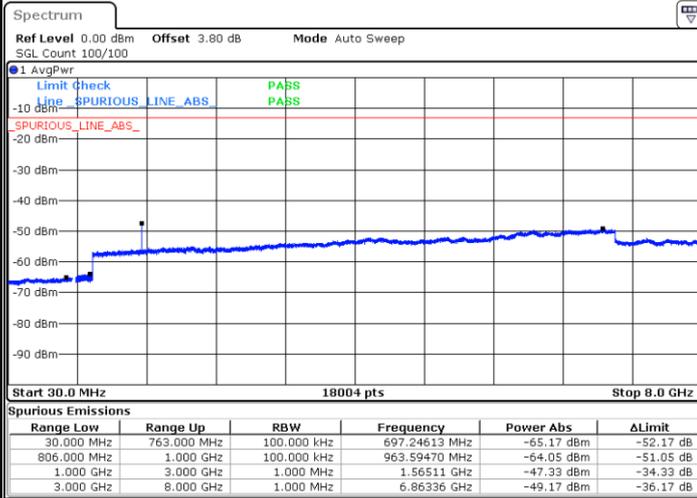
Middle Channel / 16QAM





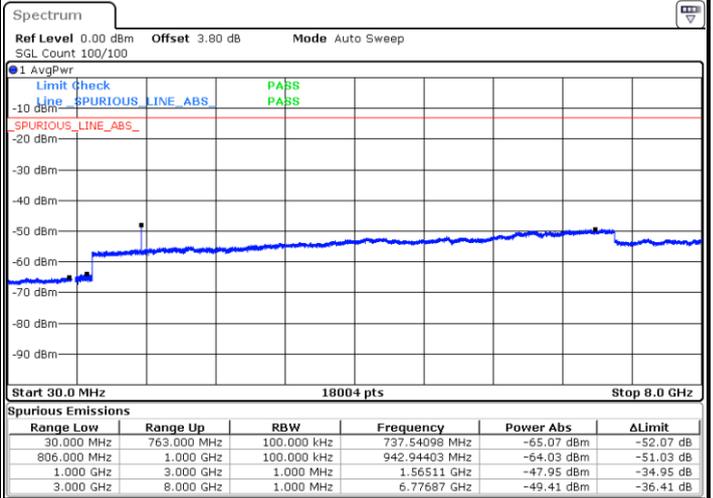
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 23.OCT.2017 12:14:39

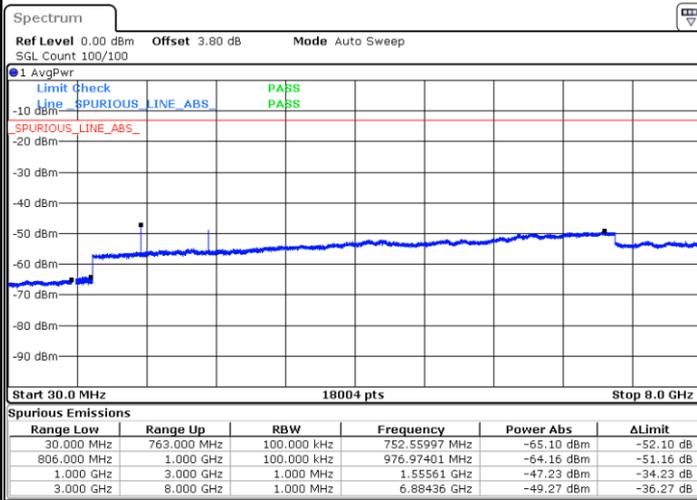
Highest Channel / 16QAM



Date: 23.OCT.2017 12:13:45

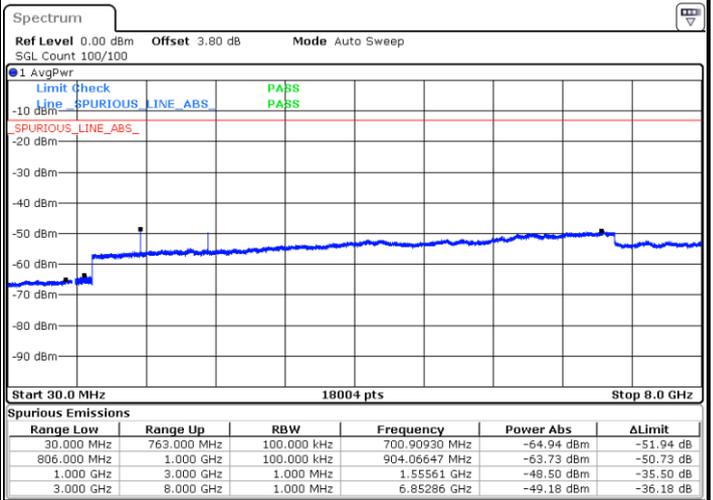
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 23.OCT.2017 12:15:33

Middle Channel / 16QAM

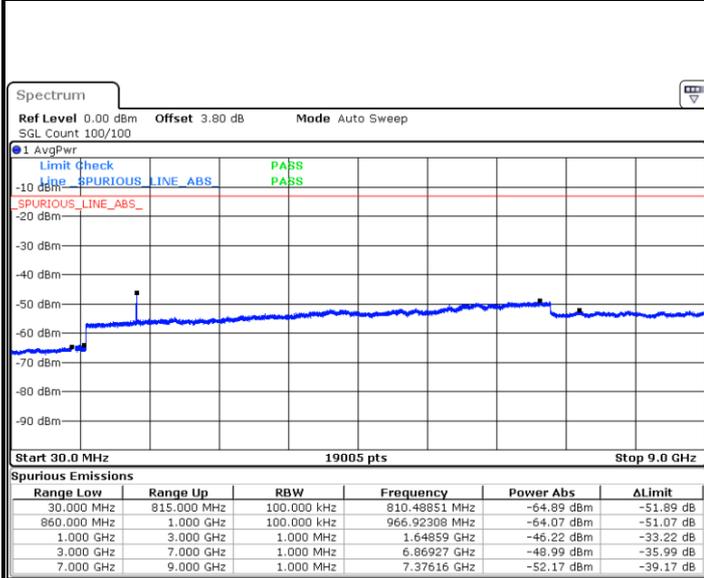


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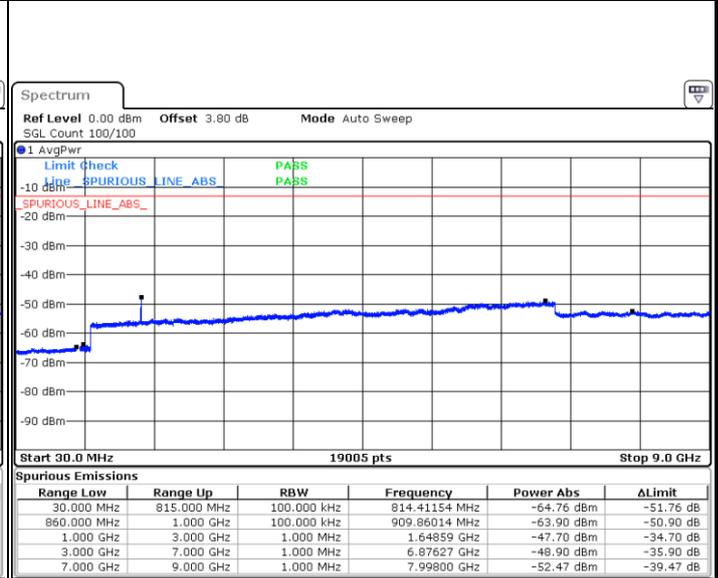
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



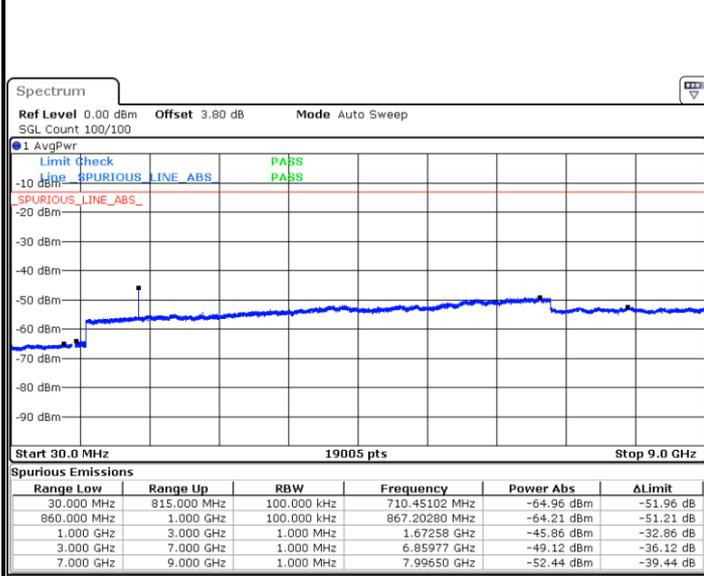
Date: 23.OCT.2017 14:37:11

Lowest Channel / 16QAM



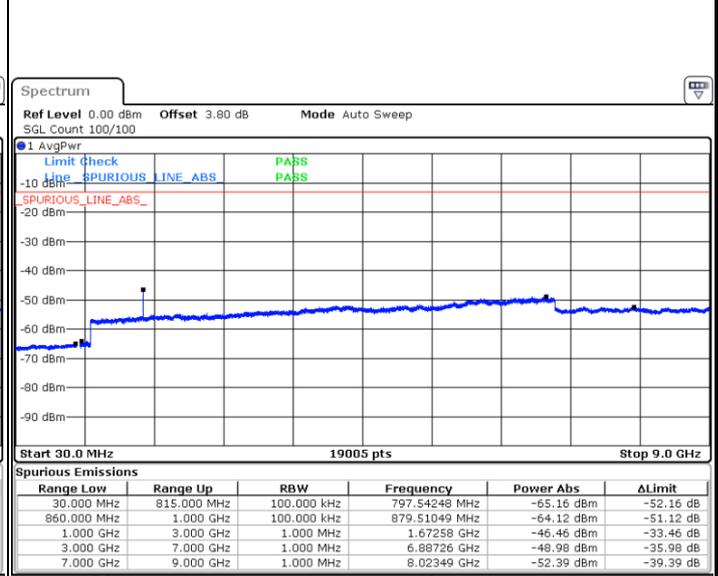
Date: 23.OCT.2017 14:37:36

Middle Channel / QPSK



Date: 23.OCT.2017 14:38:05

Middle Channel / 16QAM

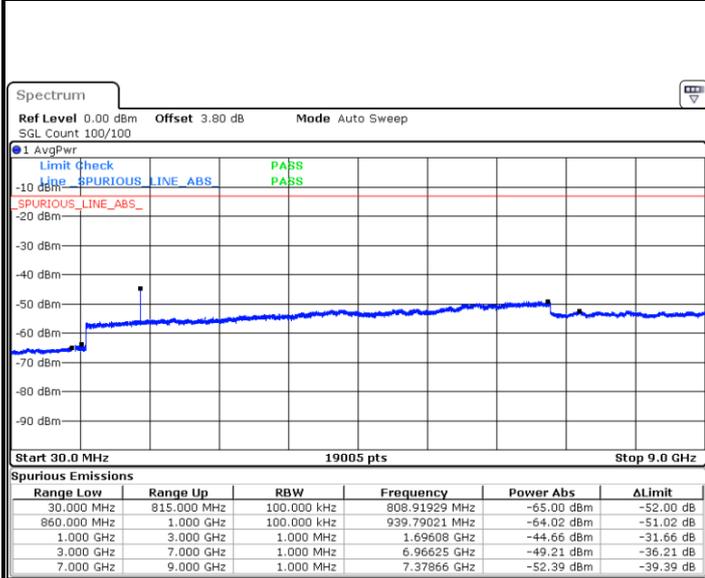


Date: 23.OCT.2017 14:38:49



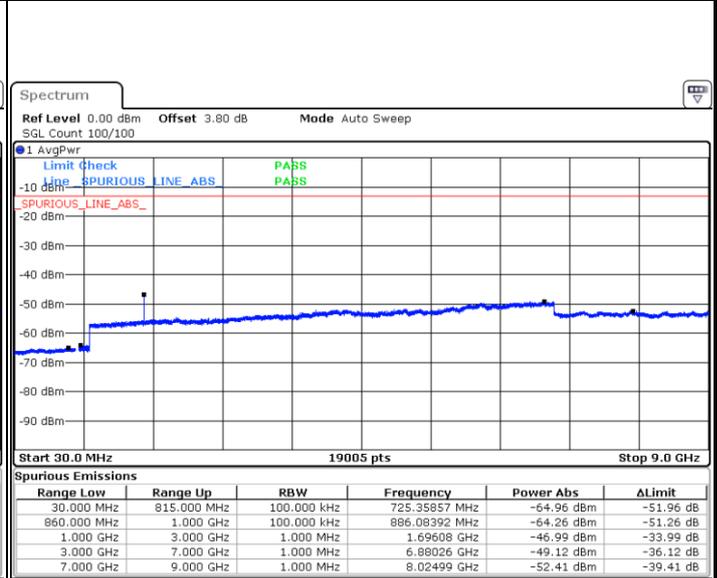
LTE Band 26 / 1.4MHz

Highest Channel / QPSK



Date: 23.OCT.2017 14:39:15

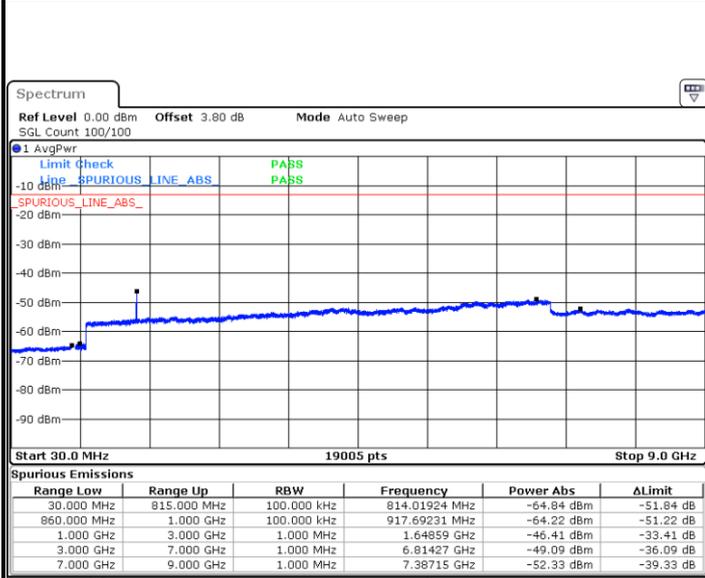
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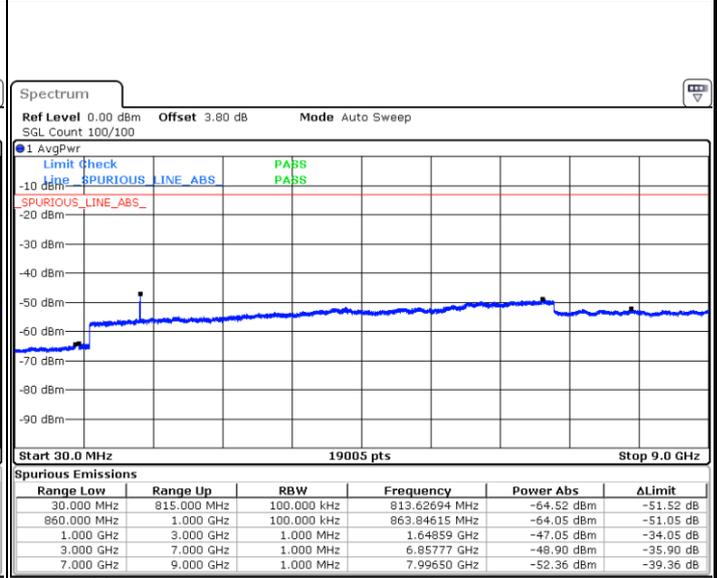
LTE Band 26 / 3MHz

Lowest Channel / QPSK



Date: 23.OCT.2017 14:40:11

Lowest Channel / 16QAM



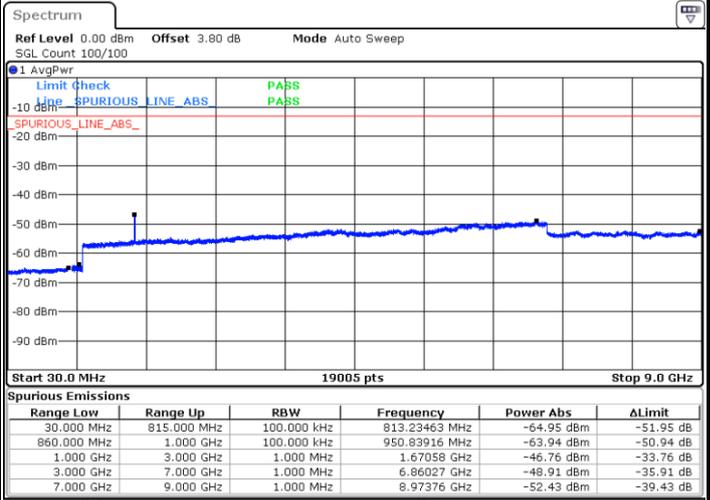
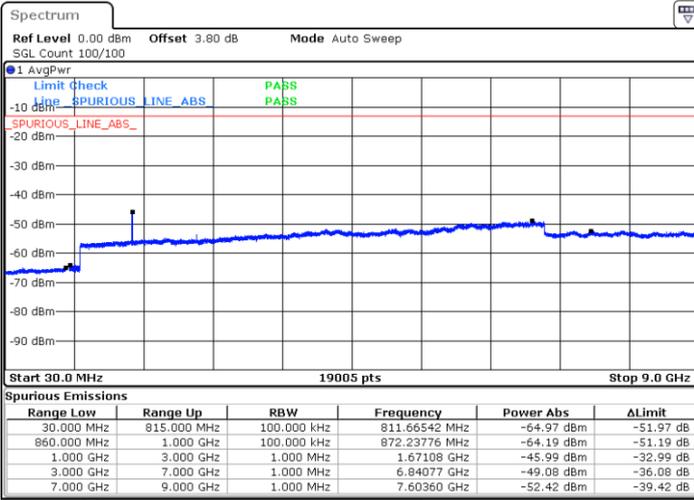
Date: 23.OCT.2017 14:40:36



LTE Band 26 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

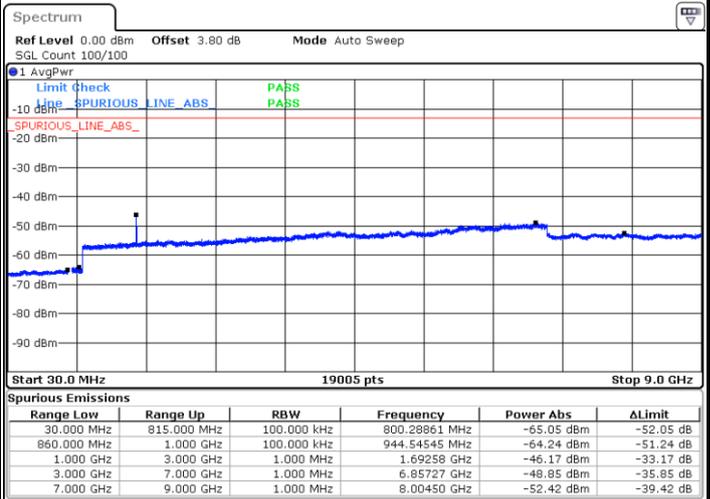
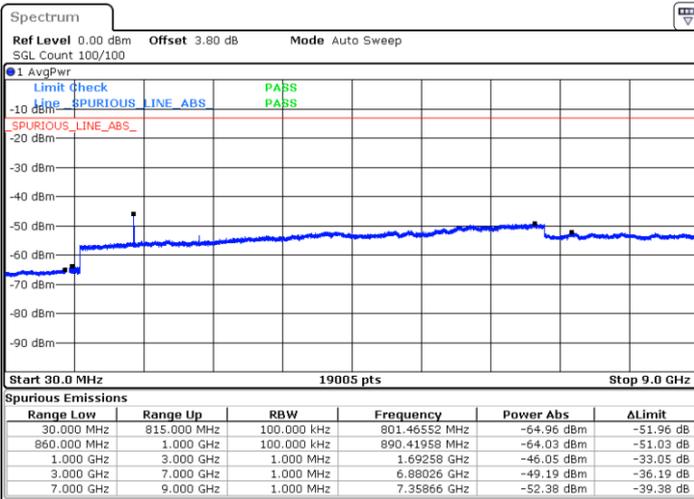


Date: 23.OCT.2017 14:41:06

Date: 23.OCT.2017 14:41:30

Highest Channel / QPSK

Highest Channel / 16QAM



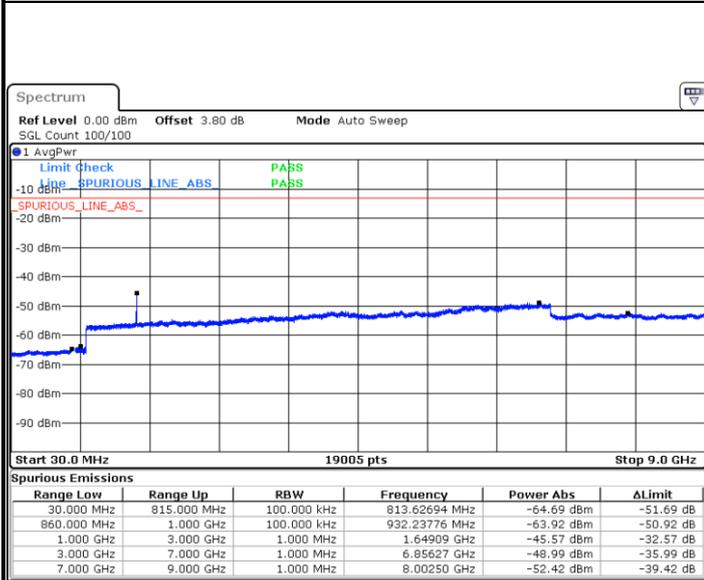
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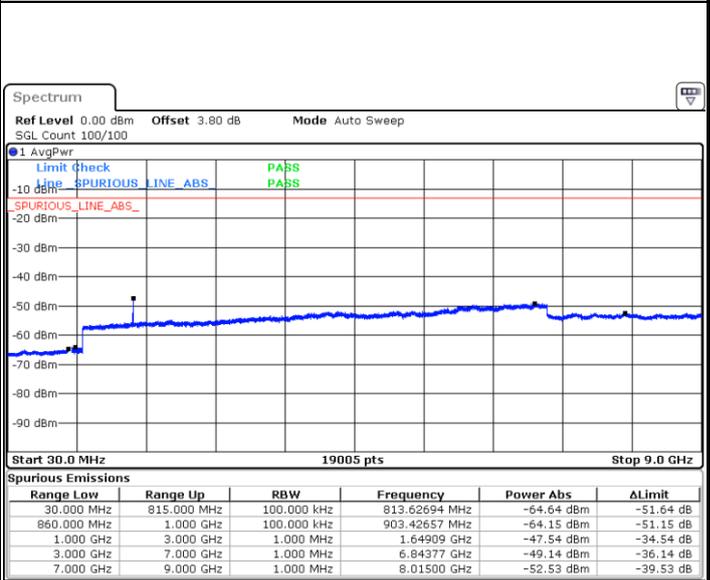
LTE Band 26 / 5MHz

Lowest Channel / QPSK



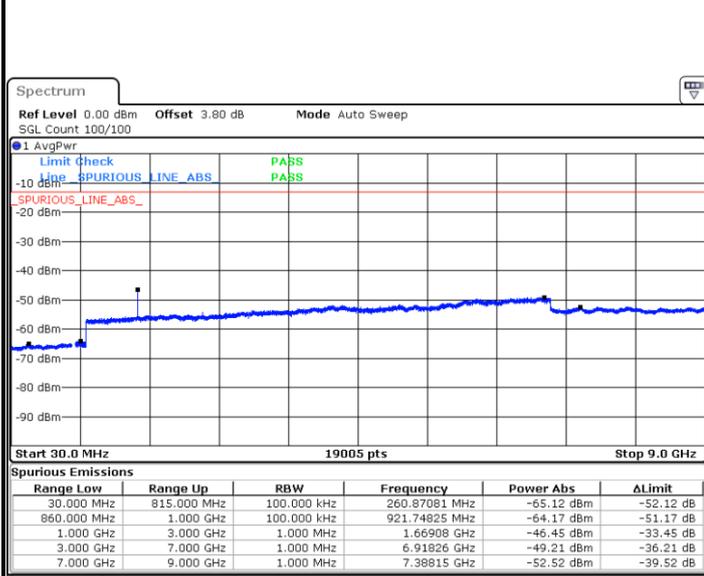
Date: 23.OCT.2017 14:43:20

Lowest Channel / 16QAM



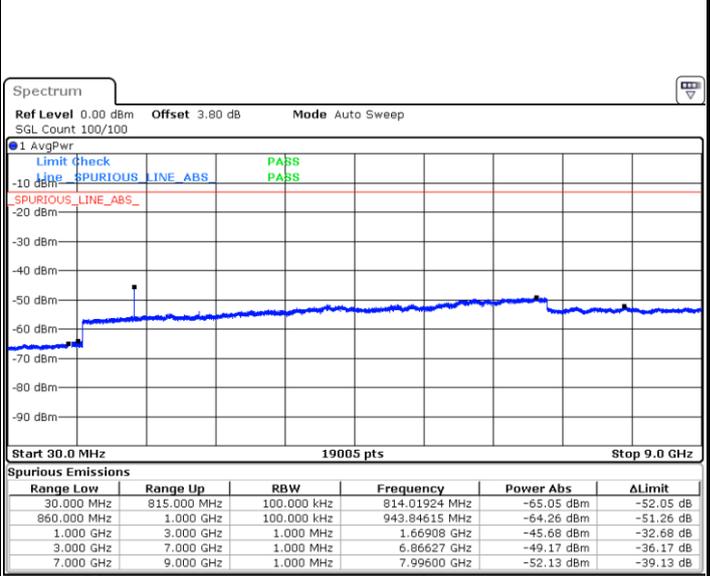
Date: 23.OCT.2017 14:43:46

Middle Channel / QPSK



Date: 23.OCT.2017 14:44:14

Middle Channel / 16QAM

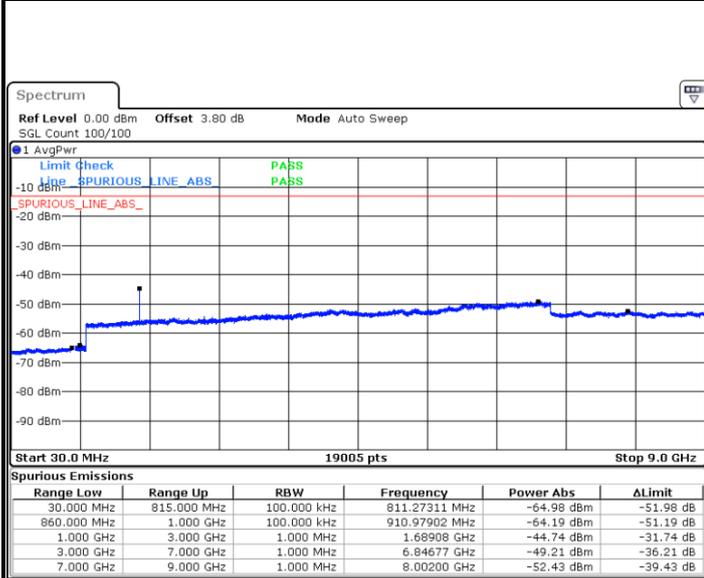


Date: 23.OCT.2017 14:44:38



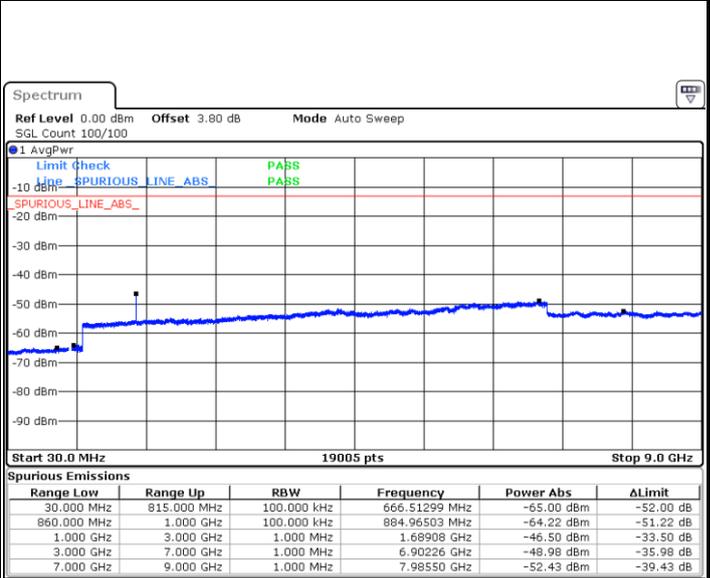
LTE Band 26 / 5MHz

Highest Channel / QPSK



Date: 23.OCT.2017 14:45:04

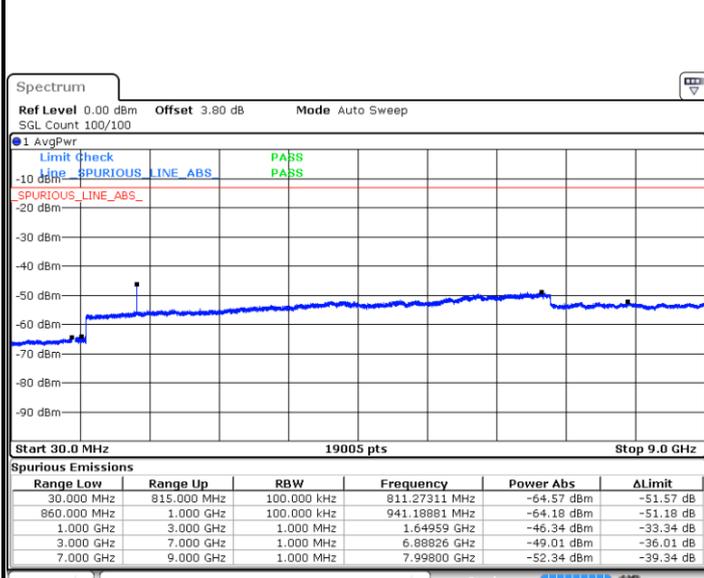
Highest Channel / 16QAM



Date: 23.OCT.2017 14:45:29

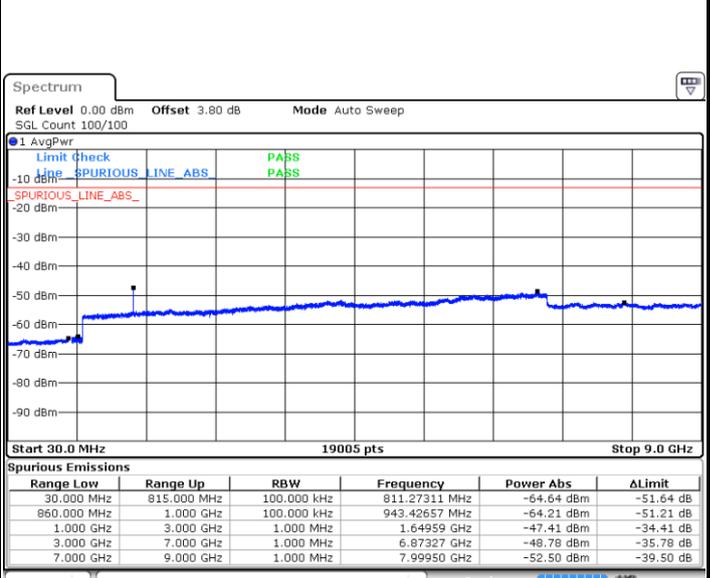
LTE Band 26 / 10MHz

Lowest Channel / QPSK



Date: 23.OCT.2017 14:46:17

Lowest Channel / 16QAM



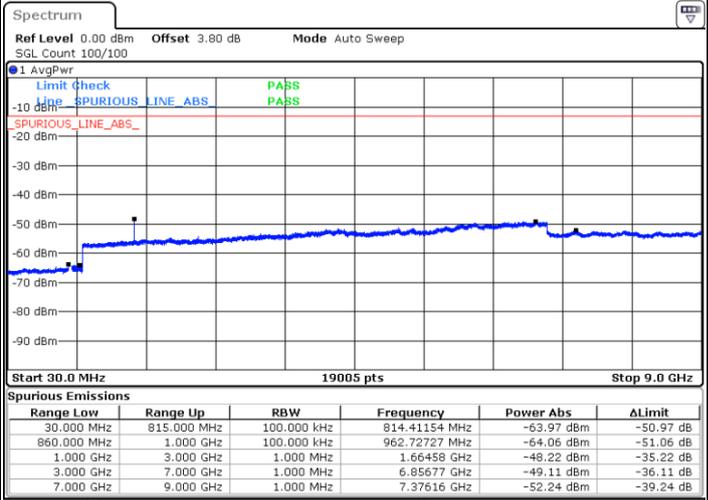
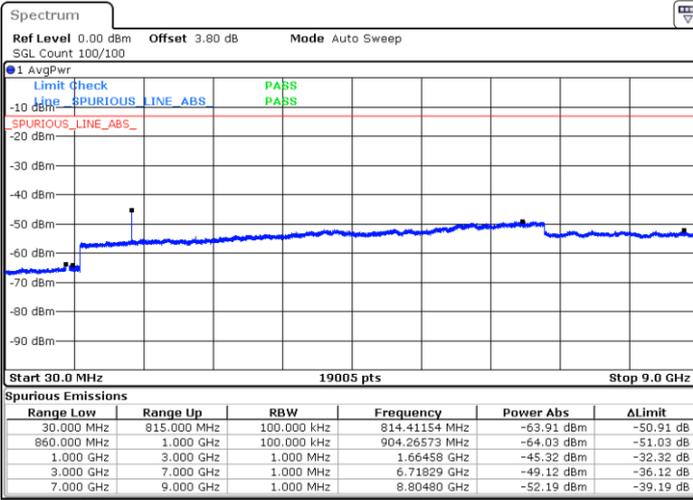
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LTE Band 26 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

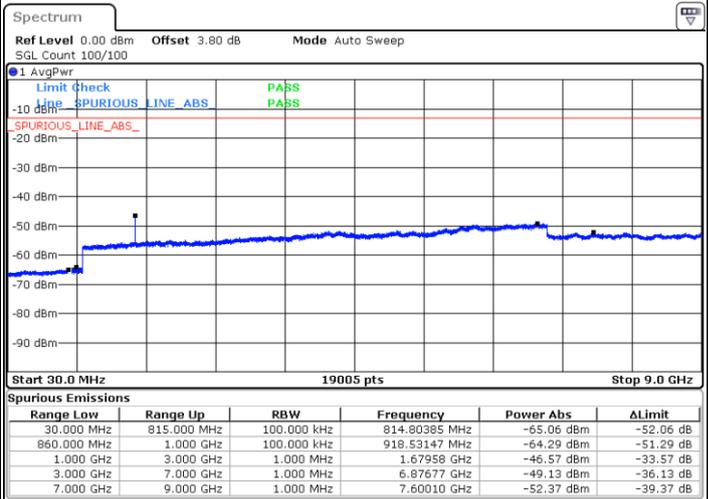
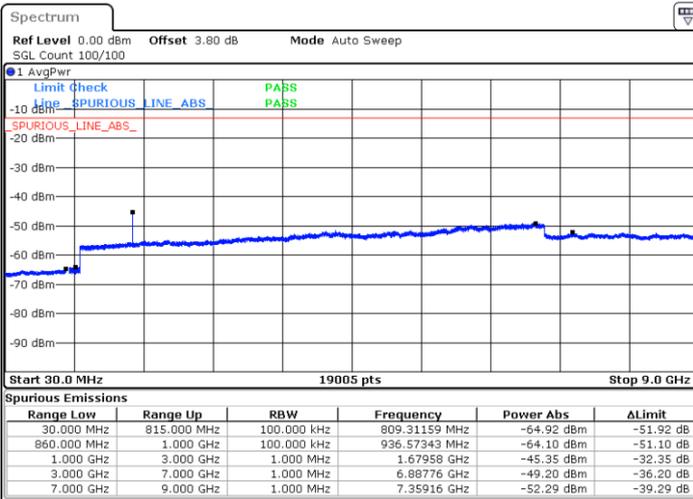


Date: 23.OCT.2017 14:47:08

Date: 23.OCT.2017 14:47:33

Highest Channel / QPSK

Highest Channel / 16QAM



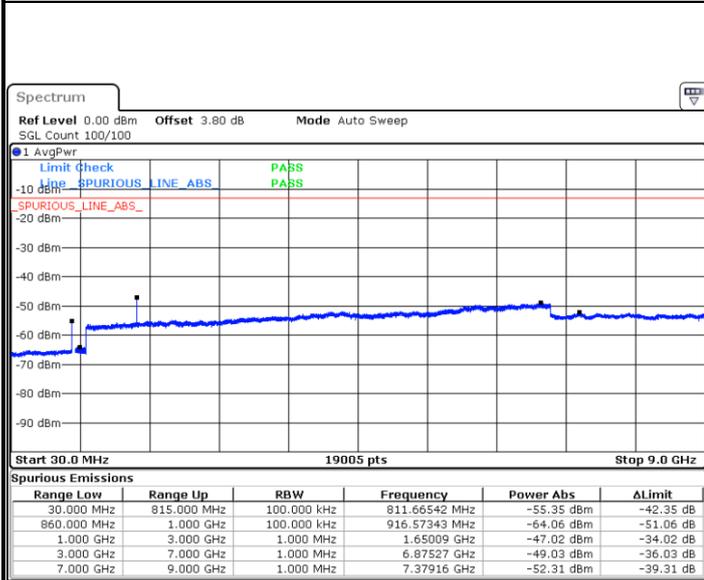
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Date: 23.OCT.2017 14:48:25



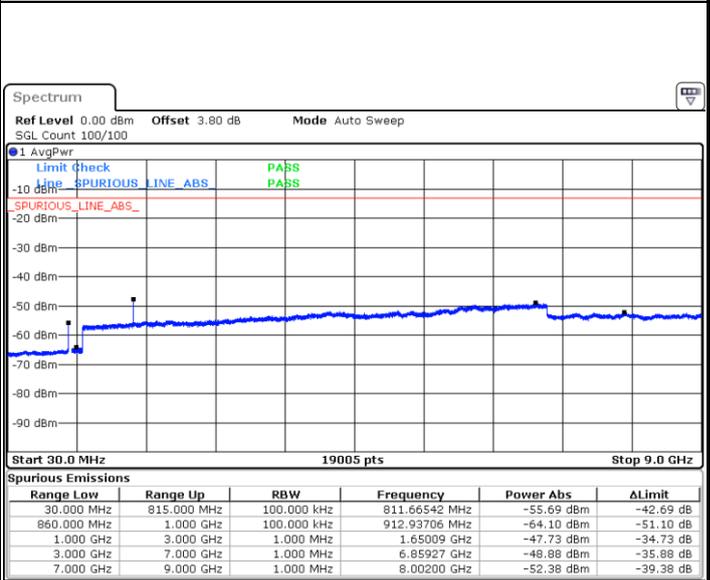
LTE Band 26 / 15MHz

Lowest Channel / QPSK



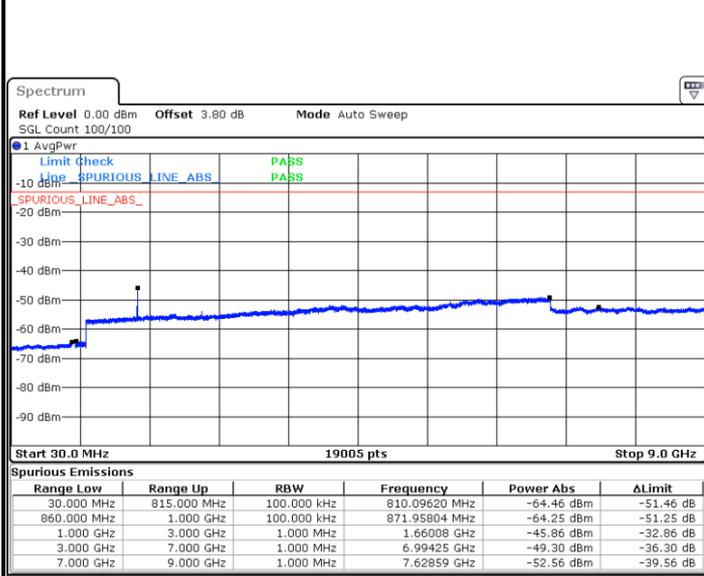
Date: 23.OCT.2017 14:48:55

Lowest Channel / 16QAM



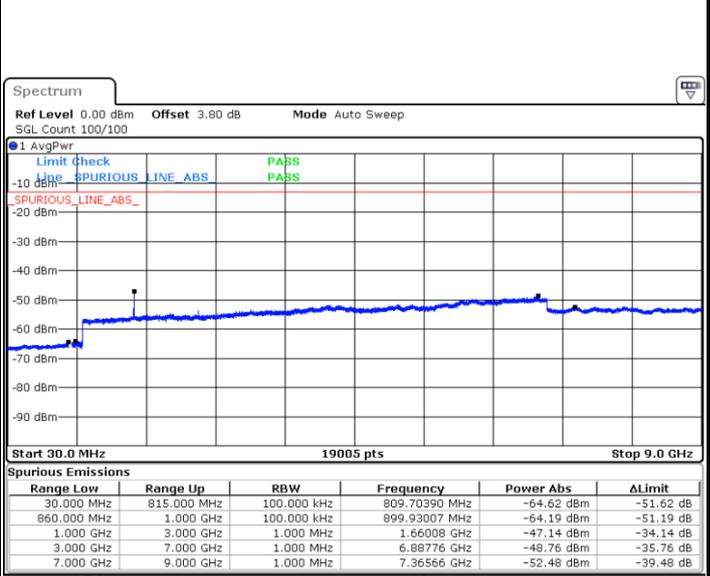
Date: 23.OCT.2017 14:49:19

Middle Channel / QPSK

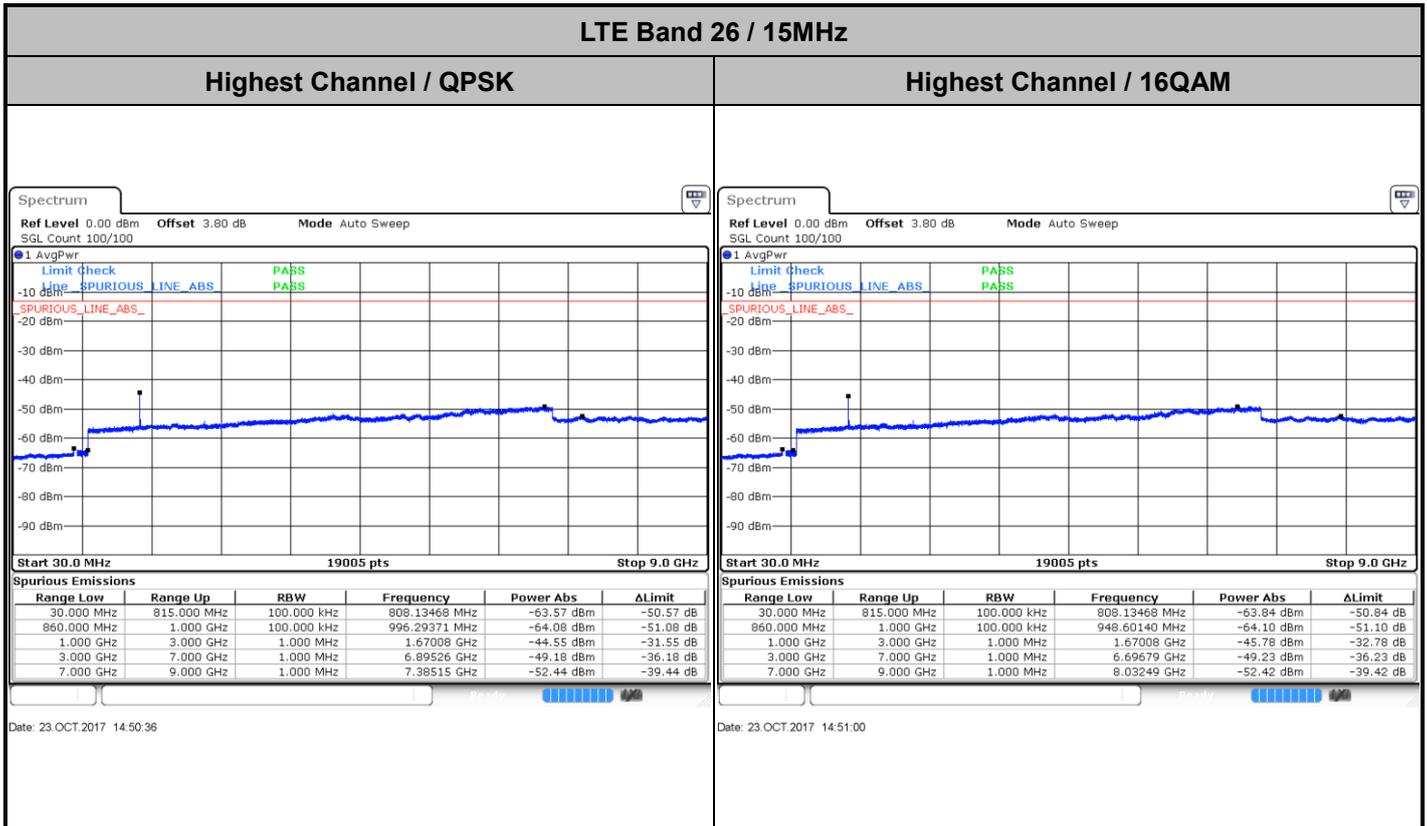


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Middle Channel / 16QAM



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Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0002	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0044	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0033	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0032	
20	Battery End Point	0.0010	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0001	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0020	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0030	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0055	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0031	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0095	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0102	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0082	
0	Normal Voltage	0.0078	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0037	
-30	Normal Voltage	0.0070	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0086	

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0077	PASS
40	Normal Voltage	0.0117	
30	Normal Voltage	0.0088	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0105	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0111	
-30	Normal Voltage	0.0092	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0023	
20	Battery End Point	0.0096	

Note: Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.



# Appendix B. Test Results of Radiated Test

## Radiated Spurious Emission

LTE Band 2 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	3699	-56.12	-13	-43.12	-70.36	-57.83	5.08	6.80	H
	5550	-55.01	-13	-42.01	-71.81	-56.68	8.03	9.70	H
	7401	-50.55	-13	-37.55	-71.85	-52.93	9.43	11.81	H
	3699	-58.37	-13	-45.37	-70.8	-60.08	5.08	6.80	V
	5550	-53.64	-13	-40.64	-70.73	-55.31	8.03	9.70	V
	7401	-50.74	-13	-37.74	-71.88	-53.12	9.43	11.81	V
Middle	3759	-56.20	-13	-43.20	-70.44	-57.91	5.08	6.80	H
	5637	-54.62	-13	-41.62	-71.42	-56.29	8.03	9.70	H
	7518	-50.15	-13	-37.15	-71.45	-52.53	9.43	11.81	H
	3759	-58.50	-13	-45.50	-70.93	-60.21	5.08	6.80	V
	5637	-53.74	-13	-40.74	-70.83	-55.41	8.03	9.70	V
	7518	-50.00	-13	-37.00	-71.14	-52.38	9.43	11.81	V
Highest	3819	-56.23	-13	-43.23	-70.47	-57.94	5.08	6.80	H
	5727	-55.73	-13	-42.73	-72.53	-57.40	8.03	9.70	H
	7635	-49.91	-13	-36.91	-71.21	-52.29	9.43	11.81	H
	3819	-56.52	-13	-43.52	-68.95	-58.23	5.08	6.80	V
	5727	-55.75	-13	-42.75	-72.84	-57.42	8.03	9.70	V
	7635	-51.17	-13	-38.17	-72.31	-53.55	9.43	11.81	V

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



LTE Band 2 / 3MHz / QPSK / RB Size 1 Offset 0									
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	3699	-56.63	-13	-43.63	-70.87	-58.34	5.08	6.80	H
	5550	-54.60	-13	-41.60	-71.40	-56.27	8.03	9.70	H
	7401	-50.59	-13	-37.59	-71.89	-52.97	9.43	11.81	H
	3699	-58.23	-13	-45.23	-70.66	-59.94	5.08	6.80	V
	5550	-55.31	-13	-42.31	-72.4	-56.98	8.03	9.70	V
	7401	-49.91	-13	-36.91	-71.05	-52.29	9.43	11.81	V
Middle	3756	-56.16	-13	-43.16	-70.40	-57.87	5.08	6.80	H
	5637	-54.42	-13	-41.42	-71.22	-56.09	8.03	9.70	H
	7515	-50.02	-13	-37.02	-71.32	-52.40	9.43	11.81	H
	3756	-57.90	-13	-44.90	-70.33	-59.61	5.08	6.80	V
	5637	-54.48	-13	-41.48	-71.57	-56.15	8.03	9.70	V
	7515	-51.28	-13	-38.28	-72.42	-53.66	9.43	11.81	V
Highest	3813	-56.77	-13	-43.77	-71.01	-58.48	5.08	6.80	H
	5721	-55.63	-13	-42.63	-72.43	-57.30	8.03	9.70	H
	7629	-50.89	-13	-37.89	-72.19	-53.27	9.43	11.81	H
	3813	-58.93	-13	-45.93	-71.36	-60.64	5.08	6.80	V
	5721	-55.36	-13	-42.36	-72.45	-57.03	8.03	9.70	V
	7629	-51.21	-13	-38.21	-72.35	-53.59	9.43	11.81	V

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



LTE Band 2 / 5MHz / QPSK / RB Size 1 Offset 0									
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	3702	-56.90	-13	-43.90	-71.14	-58.61	5.08	6.80	H
	5550	-55.57	-13	-42.57	-72.37	-57.24	8.03	9.70	H
	7401	-50.81	-13	-37.81	-72.11	-53.19	9.43	11.81	H
	3702	-58.67	-13	-45.67	-71.1	-60.38	5.08	6.80	V
	5550	-54.68	-13	-41.68	-71.77	-56.35	8.03	9.70	V
	7401	-50.91	-13	-37.91	-72.05	-53.29	9.43	11.81	V
Middle	3756	-56.50	-13	-43.50	-70.74	-58.21	5.08	6.80	H
	5634	-54.45	-13	-41.45	-71.25	-56.12	8.03	9.70	H
	7512	-50.23	-13	-37.23	-71.53	-52.61	9.43	11.81	H
	3756	-58.09	-13	-45.09	-70.52	-59.80	5.08	6.80	V
	5634	-54.60	-13	-41.60	-71.69	-56.27	8.03	9.70	V
	7512	-50.34	-13	-37.34	-71.48	-52.72	9.43	11.81	V
Highest	3810	-55.40	-13	-42.40	-69.64	-57.11	5.08	6.80	H
	5715	-55.05	-13	-42.05	-71.85	-56.72	8.03	9.70	H
	7620	-50.58	-13	-37.58	-71.88	-52.96	9.43	11.81	H
	3810	-58.27	-13	-45.27	-70.7	-59.98	5.08	6.80	V
	5715	-55.13	-13	-42.13	-72.22	-56.80	8.03	9.70	V
	7620	-51.21	-13	-38.21	-72.35	-53.59	9.43	11.81	V

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



LTE Band 2 / 10MHz / QPSK / RB Size 1 Offset 0									
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	3702	-57.05	-13	-44.05	-71.29	-58.76	5.08	6.80	H
	5553	-54.83	-13	-41.83	-71.63	-56.50	8.03	9.70	H
	7401	-50.69	-13	-37.69	-71.99	-53.07	9.43	11.81	H
	3702	-57.94	-13	-44.94	-70.37	-59.65	5.08	6.80	V
	5553	-54.42	-13	-41.42	-71.51	-56.09	8.03	9.70	V
	7401	-49.22	-13	-36.22	-70.36	-51.60	9.43	11.81	V
Middle	3750	-56.22	-13	-43.22	-70.46	-57.93	5.08	6.80	H
	5628	-54.27	-13	-41.27	-71.07	-55.94	8.03	9.70	H
	7503	-50.04	-13	-37.04	-71.34	-52.42	9.43	11.81	H
	3750	-57.96	-13	-44.96	-70.39	-59.67	5.08	6.80	V
	5628	-53.88	-13	-40.88	-70.97	-55.55	8.03	9.70	V
	7503	-50.37	-13	-37.37	-71.51	-52.75	9.43	11.81	V
Highest	3801	-56.08	-13	-43.08	-70.32	-57.79	5.08	6.80	H
	5703	-55.77	-13	-42.77	-72.57	-57.44	8.03	9.70	H
	7602	-50.83	-13	-37.83	-72.13	-53.21	9.43	11.81	H
	3801	-58.61	-13	-45.61	-71.04	-60.32	5.08	6.80	V
	5703	-54.69	-13	-41.69	-71.78	-56.36	8.03	9.70	V
	7602	-51.18	-13	-38.18	-72.32	-53.56	9.43	11.81	V

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



LTE Band 2 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3702	-57.22	-13	-44.22	-71.46	-58.93	5.08	6.80	H
	5553	-54.91	-13	-41.91	-71.71	-56.58	8.03	9.70	H
	7404	-51.14	-13	-38.14	-72.44	-53.52	9.43	11.81	H
	3702	-58.52	-13	-45.52	-70.95	-60.23	5.08	6.80	V
	5553	-54.87	-13	-41.87	-71.96	-56.54	8.03	9.70	V
	7404	-51.16	-13	-38.16	-72.3	-53.54	9.43	11.81	V
Middle	3747	-57.31	-13	-44.31	-71.55	-59.02	5.08	6.80	H
	5619	-55.02	-13	-42.02	-71.82	-56.69	8.03	9.70	H
	7494	-49.64	-13	-36.64	-70.94	-52.02	9.43	11.81	H
	3747	-58.54	-13	-45.54	-70.97	-60.25	5.08	6.80	V
	5619	-54.57	-13	-41.57	-71.66	-56.24	8.03	9.70	V
	7494	-50.78	-13	-37.78	-71.92	-53.16	9.43	11.81	V
Highest	3792	-55.46	-13	-42.46	-69.70	-57.17	5.08	6.80	H
	5688	-54.09	-13	-41.09	-70.89	-55.76	8.03	9.70	H
	7584	-49.46	-13	-36.46	-70.76	-51.84	9.43	11.81	H
	3792	-57.47	-13	-44.47	-69.9	-59.18	5.08	6.80	V
	5688	-53.60	-13	-40.60	-70.69	-55.27	8.03	9.70	V
	7584	-50.53	-13	-37.53	-71.67	-52.91	9.43	11.81	V

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



LTE Band 2 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3702	-55.50	-13	-42.50	-69.74	-57.21	5.08	6.80	H
	5553	-54.53	-13	-41.53	-71.33	-56.20	8.03	9.70	H
	7404	-50.55	-13	-37.55	-71.85	-52.93	9.43	11.81	H
	3702	-58.67	-13	-45.67	-71.1	-60.38	5.08	6.80	V
	5553	-54.00	-13	-41.00	-71.09	-55.67	8.03	9.70	V
	7404	-49.30	-13	-36.30	-70.44	-51.68	9.43	11.81	V
Middle	3741	-55.88	-13	-42.88	-70.12	-57.59	5.08	6.80	H
	5613	-54.73	-13	-41.73	-71.53	-56.40	8.03	9.70	H
	7485	-50.36	-13	-37.36	-71.66	-52.74	9.43	11.81	H
	3741	-56.89	-13	-43.89	-69.32	-58.60	5.08	6.80	V
	5613	-54.64	-13	-41.64	-71.73	-56.31	8.03	9.70	V
	7485	-50.35	-13	-37.35	-71.49	-52.73	9.43	11.81	V
Highest	3783	-56.58	-13	-43.58	-70.82	-58.29	5.08	6.80	H
	5673	-54.20	-13	-41.20	-71.00	-55.87	8.03	9.70	H
	7563	-50.19	-13	-37.19	-71.49	-52.57	9.43	11.81	H
	3783	-58.12	-13	-45.12	-70.55	-59.83	5.08	6.80	V
	5673	-54.48	-13	-41.48	-71.57	-56.15	8.03	9.70	V
	7563	-51.08	-13	-38.08	-72.22	-53.46	9.43	11.81	V

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



LTE Band 4 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-55.59	-13	-42.59	-64.49	-59.56	4.87	8.84	H
	5130	-59.93	-13	-46.93	-70.86	-61.37	7.70	9.14	H
	6840	-53.38	-13	-40.38	-71.85	-55.06	8.98	10.66	H
	3420	-56.56	-13	-43.56	-68.18	-60.53	4.87	8.84	V
	5130	-56.89	-13	-43.89	-70.94	-58.33	7.70	9.14	V
	6840	-53.19	-13	-40.19	-71.21	-54.87	8.98	10.66	V
Middle	3465	-57.35	-13	-44.35	-66.25	-61.32	4.87	8.84	H
	5196	-60.25	-13	-47.25	-71.18	-61.69	7.70	9.14	H
	6927	-52.63	-13	-39.63	-71.10	-54.31	8.98	10.66	H
	3465	-56.94	-13	-43.94	-68.56	-60.91	4.87	8.84	V
	5196	-58.14	-13	-45.14	-72.19	-59.58	7.70	9.14	V
	6927	-53.23	-13	-40.23	-71.25	-54.91	8.98	10.66	V
Highest	3507	-60.89	-13	-47.89	-69.79	-64.86	4.87	8.84	H
	5262	-61.08	-13	-48.08	-72.01	-62.52	7.70	9.14	H
	7014	-52.87	-13	-39.87	-71.34	-54.55	8.98	10.66	H
	3507	-59.09	-13	-46.09	-70.71	-63.06	4.87	8.84	V
	5262	-58.47	-13	-45.47	-72.52	-59.91	7.70	9.14	V
	7014	-54.49	-13	-41.49	-72.51	-56.17	8.98	10.66	V

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



LTE Band 4 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-57.98	-13	-44.98	-66.88	-61.95	4.87	8.84	H
	5130	-59.97	-13	-46.97	-70.90	-61.41	7.70	9.14	H
	6840	-53.88	-13	-40.88	-72.35	-55.56	8.98	10.66	H
	3420	-59.32	-13	-46.32	-70.94	-63.29	4.87	8.84	V
	5130	-56.90	-13	-43.90	-70.95	-58.34	7.70	9.14	V
	6840	-54.23	-13	-41.23	-72.25	-55.91	8.98	10.66	V
Middle	3462	-56.96	-13	-43.96	-65.86	-60.93	4.87	8.84	H
	5193	-59.69	-13	-46.69	-70.62	-61.13	7.70	9.14	H
	6924	-53.93	-13	-40.93	-72.40	-55.61	8.98	10.66	H
	3462	-57.32	-13	-44.32	-68.94	-61.29	4.87	8.84	V
	5193	-57.53	-13	-44.53	-71.58	-58.97	7.70	9.14	V
	6924	-54.49	-13	-41.49	-72.51	-56.17	8.98	10.66	V
Highest	3504	-61.04	-13	-48.04	-69.94	-65.01	4.87	8.84	H
	5256	-61.24	-13	-48.24	-72.17	-62.68	7.70	9.14	H
	7008	-53.38	-13	-40.38	-71.85	-55.06	8.98	10.66	H
	3504	-58.95	-13	-45.95	-70.57	-62.92	4.87	8.84	V
	5256	-58.90	-13	-45.90	-72.95	-60.34	7.70	9.14	V
	7008	-54.28	-13	-41.28	-72.3	-55.96	8.98	10.66	V

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



LTE Band 4 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-56.81	-13	-43.81	-65.71	-60.78	4.87	8.84	H
	5130	-59.84	-13	-46.84	-70.77	-61.28	7.70	9.14	H
	6840	-53.67	-13	-40.67	-72.14	-55.35	8.98	10.66	H
	3420	-58.55	-13	-45.55	-70.17	-62.52	4.87	8.84	V
	5130	-56.97	-13	-43.97	-71.02	-58.41	7.70	9.14	V
	6840	-55.12	-13	-42.12	-73.14	-56.80	8.98	10.66	V
Middle	3462	-57.60	-13	-44.60	-66.50	-61.57	4.87	8.84	H
	5193	-60.95	-13	-47.95	-71.88	-62.39	7.70	9.14	H
	6924	-53.70	-13	-40.70	-72.17	-55.38	8.98	10.66	H
	3462	-57.10	-13	-44.10	-68.72	-61.07	4.87	8.84	V
	5193	-57.49	-13	-44.49	-71.54	-58.93	7.70	9.14	V
	6924	-52.48	-13	-39.48	-70.5	-54.16	8.98	10.66	V
Highest	3501	-60.95	-13	-47.95	-69.85	-64.92	4.87	8.84	H
	5250	-62.03	-13	-49.03	-72.96	-63.47	7.70	9.14	H
	7002	-54.43	-13	-41.43	-72.90	-56.11	8.98	10.66	H
	3501	-58.83	-13	-45.83	-70.45	-62.80	4.87	8.84	V
	5250	-58.70	-13	-45.70	-72.75	-60.14	7.70	9.14	V
	7002	-54.91	-13	-41.91	-72.93	-56.59	8.98	10.66	V

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



LTE Band 4 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-57.35	-13	-44.35	-66.25	-61.32	4.87	8.84	H
	5133	-60.39	-13	-47.39	-71.32	-61.83	7.70	9.14	H
	6843	-54.42	-13	-41.42	-72.89	-56.10	8.98	10.66	H
	3420	-59.41	-13	-46.41	-71.03	-63.38	4.87	8.84	V
	5133	-57.04	-13	-44.04	-71.09	-58.48	7.70	9.14	V
	6843	-54.25	-13	-41.25	-72.27	-55.93	8.98	10.66	V
Middle	3456	-57.27	-13	-44.27	-66.17	-61.24	4.87	8.84	H
	5184	-61.13	-13	-48.13	-72.06	-62.57	7.70	9.14	H
	6912	-54.45	-13	-41.45	-72.92	-56.13	8.98	10.66	H
	3456	-56.05	-13	-43.05	-67.67	-60.02	4.87	8.84	V
	5184	-57.99	-13	-44.99	-72.04	-59.43	7.70	9.14	V
	6912	-54.31	-13	-41.31	-72.33	-55.99	8.98	10.66	V
Highest	3492	-60.50	-13	-47.50	-69.40	-64.47	4.87	8.84	H
	5238	-61.17	-13	-48.17	-72.10	-62.61	7.70	9.14	H
	6981	-54.19	-13	-41.19	-72.66	-55.87	8.98	10.66	H
	3492	-59.46	-13	-46.46	-71.08	-63.43	4.87	8.84	V
	5238	-58.07	-13	-45.07	-72.12	-59.51	7.70	9.14	V
	6981	-54.12	-13	-41.12	-72.14	-55.80	8.98	10.66	V

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



LTE Band 4 / 15MHz / QPSK / RB Size 1 Offset 0									
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	3423	-58.12	-13	-45.12	-67.02	-62.09	4.87	8.84	H
	5133	-60.69	-13	-47.69	-71.62	-62.13	7.70	9.14	H
	6843	-53.31	-13	-40.31	-71.78	-54.99	8.98	10.66	H
	3423	-58.67	-13	-45.67	-70.29	-62.64	4.87	8.84	V
	5133	-57.83	-13	-44.83	-71.88	-59.27	7.70	9.14	V
	6843	-53.95	-13	-40.95	-71.97	-55.63	8.98	10.66	V
Middle	3453	-56.98	-13	-43.98	-65.88	-60.95	4.87	8.84	H
	5178	-60.06	-13	-47.06	-70.99	-61.50	7.70	9.14	H
	6903	-52.60	-13	-39.60	-71.07	-54.28	8.98	10.66	H
	3453	-56.20	-13	-43.20	-67.82	-60.17	4.87	8.84	V
	5178	-57.34	-13	-44.34	-71.39	-58.78	7.70	9.14	V
	6903	-54.10	-13	-41.10	-72.12	-55.78	8.98	10.66	V
Highest	3483	-60.83	-13	-47.83	-69.73	-64.80	4.87	8.84	H
	5223	-61.98	-13	-48.98	-72.91	-63.42	7.70	9.14	H
	6963	-52.33	-13	-39.33	-70.80	-54.01	8.98	10.66	H
	3483	-58.73	-13	-45.73	-70.35	-62.70	4.87	8.84	V
	5223	-57.58	-13	-44.58	-71.63	-59.02	7.70	9.14	V
	6963	-52.60	-13	-39.60	-70.62	-54.28	8.98	10.66	V

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



LTE Band 4 / 20MHz / QPSK / RB Size 1 Offset 0									
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	3423	-58.48	-13	-45.48	-67.38	-62.45	4.87	8.84	H
	5133	-60.69	-13	-47.69	-71.62	-62.13	7.70	9.14	H
	6843	-54.06	-13	-41.06	-72.53	-55.74	8.98	10.66	H
	3423	-59.11	-13	-46.11	-70.73	-63.08	4.87	8.84	V
	5133	-57.46	-13	-44.46	-71.51	-58.90	7.70	9.14	V
	6843	-53.99	-13	-40.99	-72.01	-55.67	8.98	10.66	V
Middle	3447	-58.26	-13	-45.26	-67.16	-62.23	4.87	8.84	H
	5172	-60.21	-13	-47.21	-71.14	-61.65	7.70	9.14	H
	6894	-53.60	-13	-40.60	-72.07	-55.28	8.98	10.66	H
	3447	-56.79	-13	-43.79	-68.41	-60.76	4.87	8.84	V
	5172	-56.40	-13	-43.40	-70.45	-57.84	7.70	9.14	V
	6894	-53.61	-13	-40.61	-71.63	-55.29	8.98	10.66	V
Highest	3471	-60.57	-13	-47.57	-69.47	-64.54	4.87	8.84	H
	5208	-61.34	-13	-48.34	-72.27	-62.78	7.70	9.14	H
	6945	-52.58	-13	-39.58	-71.05	-54.26	8.98	10.66	H
	3471	-58.91	-13	-45.91	-70.53	-62.88	4.87	8.84	V
	5208	-58.06	-13	-45.06	-72.11	-59.50	7.70	9.14	V
	6945	-54.12	-13	-41.12	-72.14	-55.80	8.98	10.66	V

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



LTE Band 7 / 5MHz / QPSK / RB Size 1 Offset 0									
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	5000	-59.58	-25	-34.58	-45.02	-66.94	1.76	9.12	H
	7500	-55.70	-25	-30.70	-45.40	-65.67	2.16	12.13	H
	10000	-53.26	-25	-28.26	-48.50	-63.14	2.22	12.10	H
	5000	-54.58	-25	-29.58	-41.1	-61.94	1.76	9.12	V
	7500	-54.51	-25	-29.51	-42.5	-64.48	2.16	12.13	V
	10000	-54.97	-25	-29.97	-50.42	-64.85	2.22	12.10	V
Middle	5066	-62.72	-25	-37.72	-48.16	-70.08	1.76	9.12	H
	7598	-57.57	-25	-32.57	-47.27	-67.54	2.16	12.13	H
	10130	-53.93	-25	-28.93	-49.17	-63.81	2.22	12.10	H
	5066	-56.20	-25	-31.20	-42.72	-63.56	1.76	9.12	V
	7598	-54.04	-25	-29.04	-42.03	-64.01	2.16	12.13	V
	10130	-55.42	-25	-30.42	-50.87	-65.30	2.22	12.10	V
Highest	5132	-61.38	-25	-36.38	-46.82	-68.74	1.76	9.12	H
	7697	-55.57	-25	-30.57	-45.27	-65.54	2.16	12.13	H
	10260	-53.42	-25	-28.42	-48.66	-63.30	2.22	12.10	H
	5132	-54.75	-25	-29.75	-41.27	-62.11	1.76	9.12	V
	7697	-55.09	-25	-30.09	-43.08	-65.06	2.16	12.13	V
	10260	-56.94	-25	-31.94	-52.39	-66.82	2.22	12.10	V

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



LTE Band 7 / 10MHz / QPSK / RB Size 1 Offset 0									
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	5000	-59.90	-25	-34.90	-45.34	-67.26	1.76	9.12	H
	7500	-54.92	-25	-29.92	-44.62	-64.89	2.16	12.13	H
	10000	-53.49	-25	-28.49	-48.73	-63.37	2.22	12.10	H
	5000	-54.16	-25	-29.16	-40.68	-61.52	1.76	9.12	V
	7500	-53.11	-25	-28.11	-41.1	-63.08	2.16	12.13	V
	10000	-56.01	-25	-31.01	-51.46	-65.89	2.22	12.10	V
Middle	5060	-62.90	-25	-37.90	-48.34	-70.26	1.76	9.12	H
	7592	-54.77	-25	-29.77	-44.47	-64.74	2.16	12.13	H
	10120	-51.07	-25	-26.07	-46.31	-60.95	2.22	12.10	H
	5060	-55.67	-25	-30.67	-42.19	-63.03	1.76	9.12	V
	7592	-55.11	-25	-30.11	-43.1	-65.08	2.16	12.13	V
	10120	-54.27	-25	-29.27	-49.72	-64.15	2.22	12.10	V
Highest	5120	-60.67	-25	-35.67	-46.11	-68.03	1.76	9.12	H
	7682	-55.02	-25	-30.02	-44.72	-64.99	2.16	12.13	H
	10240	-54.66	-25	-29.66	-49.90	-64.54	2.22	12.10	H
	5120	-54.83	-25	-29.83	-41.35	-62.19	1.76	9.12	V
	7682	-54.70	-25	-29.70	-42.69	-64.67	2.16	12.13	V
	10240	-53.45	-25	-28.45	-48.9	-63.33	2.22	12.10	V

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



LTE Band 7 / 15MHz / QPSK / RB Size 1 Offset 0									
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	5000	-59.60	-25	-34.60	-45.04	-66.96	1.76	9.12	H
	7504	-55.67	-25	-30.67	-45.37	-65.64	2.16	12.13	H
	10000	-53.71	-25	-28.71	-48.95	-63.59	2.22	12.10	H
	5000	-54.28	-25	-29.28	-40.8	-61.64	1.76	9.12	V
	7504	-54.30	-25	-29.30	-42.29	-64.27	2.16	12.13	V
	10000	-47.75	-25	-22.75	-43.2	-57.63	2.22	12.10	V
Middle	5057	-61.74	-25	-36.74	-47.18	-69.10	1.76	9.12	H
	7586	-54.57	-25	-29.57	-44.27	-64.54	2.16	12.13	H
	10110	-50.11	-25	-25.11	-45.35	-59.99	2.22	12.10	H
	5057	-57.15	-25	-32.15	-43.67	-64.51	1.76	9.12	V
	7586	-54.85	-25	-29.85	-42.84	-64.82	2.16	12.13	V
	10110	-52.71	-25	-27.71	-48.16	-62.59	2.22	12.10	V
Highest	5111	-61.13	-25	-36.13	-46.57	-68.49	1.76	9.12	H
	7667	-53.94	-25	-28.94	-43.64	-63.91	2.16	12.13	H
	10220	-55.15	-25	-30.15	-50.39	-65.03	2.22	12.10	H
	5111	-55.92	-25	-30.92	-42.44	-63.28	1.76	9.12	V
	7667	-53.64	-25	-28.64	-41.63	-63.61	2.16	12.13	V
	10220	-56.04	-25	-31.04	-51.49	-65.92	2.22	12.10	V

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



LTE Band 7 / 20MHz / QPSK / RB Size 1 Offset 0									
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	-57.52	-25	-32.52	-42.96	-64.88	1.76	9.12	H
	7504	-55.67	-25	-30.67	-45.37	-65.64	2.16	12.13	H
	10000	-55.35	-25	-30.35	-50.59	-65.23	2.22	12.10	H
	5004	-54.67	-25	-29.67	-41.19	-62.03	1.76	9.12	V
	7504	-54.24	-25	-29.24	-42.23	-64.21	2.16	12.13	V
	10000	-47.72	-25	-22.72	-43.17	-57.60	2.22	12.10	V
Middle	5051	-62.61	-25	-37.61	-48.05	-69.97	1.76	9.12	H
	7577	-56.93	-25	-31.93	-46.63	-66.90	2.16	12.13	H
	10100	-52.82	-25	-27.82	-48.06	-62.70	2.22	12.10	H
	5051	-57.20	-25	-32.20	-43.72	-64.56	1.76	9.12	V
	7577	-54.11	-25	-29.11	-42.1	-64.08	2.16	12.13	V
	10100	-53.73	-25	-28.73	-49.18	-63.61	2.22	12.10	V
Highest	5102	-62.08	-25	-37.08	-47.52	-69.44	1.76	9.12	H
	7652	-52.52	-25	-27.52	-42.22	-62.49	2.16	12.13	H
	10200	-55.63	-25	-30.63	-50.87	-65.51	2.22	12.10	H
	5102	-55.69	-25	-30.69	-42.21	-63.05	1.76	9.12	V
	7652	-50.90	-25	-25.90	-38.89	-60.87	2.16	12.13	V
	10200	-55.68	-25	-30.68	-51.13	-65.56	2.22	12.10	V

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



LTE Band 12 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	1398	-59.33	-13	-46.33	-60.44	-60.70	1.167	4.69	H
	2098	-56.35	-13	-43.35	-63.48	-58.94	1.446	6.20	H
	2796	-56.59	-13	-43.59	-64.50	-60.15	1.694	7.40	H
	1398	-63.95	-13	-50.95	-59.78	-65.32	1.167	4.69	V
	2098	-61.78	-13	-48.78	-62.76	-64.37	1.446	6.20	V
	2796	-61.04	-13	-48.04	-64.69	-64.59	1.694	7.40	V
Middle	1414	-57.60	-13	-44.60	-59.02	-58.97	1.167	4.69	H
	2120	-57.64	-13	-44.64	-64.39	-60.24	1.446	6.20	H
	2828	-55.88	-13	-42.88	-64.03	-59.44	1.694	7.40	H
	1414	-61.78	-13	-48.78	-57.61	-63.15	1.167	4.69	V
	2120	-63.14	-13	-50.14	-64.12	-65.73	1.446	6.20	V
	2828	-60.88	-13	-47.88	-64.53	-64.43	1.694	7.40	V
Highest	1430	-58.10	-13	-45.10	-59.39	-59.47	1.167	4.69	H
	2144	-56.20	-13	-43.20	-63.36	-58.79	1.446	6.20	H
	2860	-56.91	-13	-43.91	-64.72	-60.47	1.694	7.40	H
	1430	-62.57	-13	-49.57	-58.4	-63.94	1.167	4.69	V
	2144	-63.44	-13	-50.44	-64.42	-66.03	1.446	6.20	V
	2860	-60.94	-13	-47.94	-64.59	-64.49	1.694	7.40	V

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



LTE Band 12 / 3MHz / QPSK / RB Size 1 Offset 0									
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	1398	-60.19	-13	-47.19	-60.90	-61.56	1.167	4.69	H
	2098	-55.91	-13	-42.91	-63.13	-58.51	1.446	6.20	H
	2796	-57.01	-13	-44.01	-64.79	-60.57	1.694	7.40	H
	1398	-63.95	-13	-50.95	-59.78	-65.32	1.167	4.69	V
	2098	-61.44	-13	-48.44	-62.42	-64.03	1.446	6.20	V
	2796	-59.82	-13	-46.82	-63.47	-63.37	1.694	7.40	V
Middle	1412	-58.00	-13	-45.00	-59.30	-59.38	1.167	4.69	H
	2118	-56.15	-13	-43.15	-63.32	-58.74	1.446	6.20	H
	2824	-55.82	-13	-42.82	-64.00	-59.38	1.694	7.40	H
	1412	-62.38	-13	-49.38	-58.21	-63.75	1.167	4.69	V
	2118	-62.46	-13	-49.46	-63.44	-65.05	1.446	6.20	V
	2824	-59.71	-13	-46.71	-63.36	-63.26	1.694	7.40	V
Highest	1426	-56.66	-13	-43.66	-58.36	-58.03	1.167	4.69	H
	2140	-57.71	-13	-44.71	-64.43	-60.30	1.446	6.20	H
	2852	-56.48	-13	-43.48	-64.42	-60.03	1.694	7.40	H
	1426	-62.78	-13	-49.78	-58.61	-64.15	1.167	4.69	V
	2140	-63.04	-13	-50.04	-64.02	-65.63	1.446	6.20	V
	2852	-60.30	-13	-47.30	-63.95	-63.85	1.694	7.40	V

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



LTE Band 12 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1398	-58.89	-13	-45.89	-60.16	-60.26	1.167	4.69	H
	2098	-56.22	-13	-43.22	-63.38	-58.82	1.446	6.20	H
	2798	-55.81	-13	-42.81	-63.99	-59.36	1.694	7.40	H
	1398	-62.87	-13	-49.87	-58.7	-64.24	1.167	4.69	V
	2098	-62.57	-13	-49.57	-63.55	-65.16	1.446	6.20	V
	2798	-60.90	-13	-47.90	-64.55	-64.45	1.694	7.40	V
Middle	1410	-56.40	-13	-43.40	-58.17	-57.77	1.167	4.69	H
	2116	-56.01	-13	-43.01	-63.21	-58.61	1.446	6.20	H
	2822	-55.46	-13	-42.46	-63.81	-59.02	1.694	7.40	H
	1410	-61.98	-13	-48.98	-57.81	-63.35	1.167	4.69	V
	2116	-61.69	-13	-48.69	-62.67	-64.28	1.446	6.20	V
	2822	-60.44	-13	-47.44	-64.09	-63.99	1.694	7.40	V
Highest	1422	-58.73	-13	-45.73	-60.00	-60.10	1.167	4.69	H
	2134	-56.45	-13	-43.45	-63.56	-59.04	1.446	6.20	H
	2846	-55.90	-13	-42.90	-64.04	-59.46	1.694	7.40	H
	1422	-64.39	-13	-51.39	-60.22	-65.76	1.167	4.69	V
	2134	-63.06	-13	-50.06	-64.04	-65.65	1.446	6.20	V
	2846	-59.96	-13	-46.96	-63.61	-63.51	1.694	7.40	V

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



LTE Band 12 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-58.22	-13	-45.22	-59.51	-59.59	1.167	4.69	H
	2100	-55.52	-13	-42.52	-62.81	-58.12	1.446	6.20	H
	2798	-56.77	-13	-43.77	-64.62	-60.32	1.694	7.40	H
	1400	-62.01	-13	-49.01	-57.84	-63.38	1.167	4.69	V
	2099	-62.58	-13	-49.58	-63.56	-65.17	1.446	6.20	V
	2798	-60.49	-13	-47.49	-64.14	-64.04	1.694	7.40	V
Middle	1406	-57.42	-13	-44.42	-58.89	-58.79	1.167	4.69	H
	2109	-56.16	-13	-43.16	-63.33	-58.76	1.446	6.20	H
	2812	-54.56	-13	-41.56	-63.05	-58.12	1.694	7.40	H
	1406	-61.78	-13	-48.78	-57.61	-63.15	1.167	4.69	V
	2109	-62.34	-13	-49.34	-63.32	-64.93	1.446	6.20	V
	2812	-60.47	-13	-47.47	-64.12	-64.02	1.694	7.40	V
Highest	1414	-55.33	-13	-42.33	-57.33	-56.70	1.167	4.69	H
	2120	-55.73	-13	-42.73	-62.98	-58.33	1.446	6.20	H
	2826	-54.68	-13	-41.68	-63.19	-58.24	1.694	7.40	H
	1414	-58.90	-13	-45.90	-55.43	-60.27	1.167	4.69	V
	2120	-62.93	-13	-49.93	-63.91	-65.52	1.446	6.20	V
	2826	-60.62	-13	-47.62	-64.27	-64.17	1.694	7.40	V

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



LTE Band 13 / 5MHz / QPSK / RB Size 1 Offset 0									
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	1555	-64.05	-13	-51.05	-65.21	-66.02	1.00	5.12	H
	2332	-44.73	-13	-31.73	-55.59	-47.96	1.24	6.62	H
	3108	-60.91	-13	-47.91	-70.51	-64.80	1.42	7.46	H
	1554	-61.70	-13	-48.70	-65.94	-63.67	1.00	5.12	V
	2332	-38.81	-13	-25.81	-51.23	-42.04	1.24	6.62	V
	3108	-58.93	-13	-45.93	-70.25	-62.82	1.42	7.46	V
Middle	1560	-62.42	-40	-22.42	-65.73	-66.54	1.00	5.12	H
	2340	-59.91	-13	-46.91	-68.43	-63.14	1.24	6.62	H
	3120	-61.41	-13	-48.41	-71.01	-65.30	1.42	7.46	H
	1560	-58.88	-40	-18.88	-65.27	-63.00	1.00	5.12	V
	2340	-59.31	-13	-46.31	-68.58	-62.54	1.24	6.62	V
	3120	-59.99	-13	-46.99	-71.31	-63.88	1.42	7.46	V
Highest	1564	-61.96	-40	-21.96	-65.27	-66.08	1.00	5.12	H
	2347	-60.04	-13	-47.04	-68.56	-63.27	1.24	6.62	H
	3129	-61.26	-13	-48.26	-70.86	-65.15	1.42	7.46	H
	1565	-60.09	-40	-20.09	-66.48	-64.21	1.00	5.12	V
	2348	-59.54	-13	-46.54	-68.81	-62.77	1.24	6.62	V
	3129	-59.35	-13	-46.35	-70.67	-63.24	1.42	7.46	V

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

LTE Band 13 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1555	-64.78	-13	-51.78	-65.94	-66.75	1.00	5.12	H
	2334	-46.04	-13	-33.04	-56.94	-49.27	1.24	6.62	H
	3111	-60.12	-13	-47.12	-69.72	-64.01	1.42	7.46	H
	1556	-62.82	-13	-49.82	-67.06	-64.79	1.00	5.12	V
	2334	-39.74	-13	-26.74	-52.02	-42.97	1.24	6.62	V
	3111	-58.67	-13	-45.67	-69.99	-62.56	1.42	7.46	V

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



LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0									
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	-63.41	-13	-50.41	-63.73	-65.32	1.14	5.20	H
	2472	-60.27	-13	-47.27	-64.57	-62.90	1.12	5.90	H
	3297	-62.70	-13	-49.70	-66.82	-65.91	1.34	6.70	H
	1648	-63.99	-13	-50.99	-63.09	-65.90	1.14	5.20	V
	2472	-60.82	-13	-47.82	-63.89	-63.45	1.12	5.90	V
	3297	-62.05	-13	-49.05	-67.19	-65.26	1.34	6.70	V
Middle	1672	-62.28	-13	-49.28	-62.60	-64.19	1.14	5.20	H
	2508	-58.10	-13	-45.10	-62.40	-60.73	1.12	5.90	H
	3345	-62.47	-13	-49.47	-66.59	-65.68	1.34	6.70	H
	1672	-63.65	-13	-50.65	-62.75	-65.56	1.14	5.20	V
	2508	-57.79	-13	-44.79	-60.86	-60.42	1.12	5.90	V
	3345	-61.16	-13	-48.16	-66.3	-64.37	1.34	6.70	V
Highest	1696	-62.56	-13	-49.56	-62.88	-64.47	1.14	5.20	H
	2544	-58.68	-13	-45.68	-62.98	-61.31	1.12	5.90	H
	3390	-62.76	-13	-49.76	-66.88	-65.97	1.34	6.70	H
	1696	-63.41	-13	-50.41	-62.51	-65.32	1.14	5.20	V
	2544	-56.70	-13	-43.70	-59.77	-59.33	1.12	5.90	V
	3390	-61.22	-13	-48.22	-66.36	-64.43	1.34	6.70	V

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



LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0									
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	-62.62	-13	-49.62	-62.94	-64.53	1.14	5.20	H
	2472	-60.31	-13	-47.31	-64.61	-62.94	1.12	5.90	H
	3297	-62.00	-13	-49.00	-66.12	-65.21	1.34	6.70	H
	1648	-64.15	-13	-51.15	-63.25	-66.06	1.14	5.20	V
	2472	-61.34	-13	-48.34	-64.41	-63.97	1.12	5.90	V
	3297	-61.42	-13	-48.42	-66.56	-64.63	1.34	6.70	V
Middle	1670	-61.05	-13	-48.05	-61.37	-62.96	1.14	5.20	H
	2506	-58.64	-13	-45.64	-62.94	-61.27	1.12	5.90	H
	3342	-61.67	-13	-48.67	-65.79	-64.88	1.34	6.70	H
	1670	-63.32	-13	-50.32	-62.42	-65.23	1.14	5.20	V
	2506	-60.30	-13	-47.30	-63.37	-62.93	1.12	5.90	V
	3342	-61.16	-13	-48.16	-66.3	-64.37	1.34	6.70	V
Highest	1692	-62.51	-13	-49.51	-62.83	-64.42	1.14	5.20	H
	2538	-58.32	-13	-45.32	-62.62	-60.95	1.12	5.90	H
	3384	-61.91	-13	-48.91	-66.03	-65.12	1.34	6.70	H
	1692	-63.58	-13	-50.58	-62.68	-65.49	1.14	5.20	V
	2538	-56.84	-13	-43.84	-59.91	-59.47	1.12	5.90	V
	3384	-62.38	-13	-49.38	-67.52	-65.59	1.34	6.70	V

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



LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0									
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	-63.40	-13	-50.40	-63.72	-65.31	1.14	5.20	H
	2473	-59.07	-13	-46.07	-63.37	-61.70	1.12	5.90	H
	3297	-62.25	-13	-49.25	-66.37	-65.46	1.34	6.70	H
	1648	-64.50	-13	-51.50	-63.6	-66.41	1.14	5.20	V
	2473	-59.88	-13	-46.88	-62.95	-62.51	1.12	5.90	V
	3297	-61.30	-13	-48.30	-66.44	-64.51	1.34	6.70	V
Middle	1669	-61.86	-13	-48.86	-62.18	-63.77	1.14	5.20	H
	2504	-55.85	-13	-42.85	-60.15	-58.48	1.12	5.90	H
	3336	-61.81	-13	-48.81	-65.93	-65.02	1.34	6.70	H
	1669	-63.33	-13	-50.33	-62.43	-65.24	1.14	5.20	V
	2504	-55.73	-13	-42.73	-58.8	-58.36	1.12	5.90	V
	3336	-59.77	-13	-46.77	-64.91	-62.98	1.34	6.70	V
Highest	1688	-61.58	-13	-48.58	-61.90	-63.49	1.14	5.20	H
	2533	-59.61	-13	-46.61	-63.91	-62.24	1.12	5.90	H
	3378	-62.38	-13	-49.38	-66.50	-65.59	1.34	6.70	H
	1688	-63.20	-13	-50.20	-62.3	-65.11	1.14	5.20	V
	2533	-59.23	-13	-46.23	-62.3	-61.86	1.12	5.90	V
	3378	-61.63	-13	-48.63	-66.77	-64.84	1.34	6.70	V

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



LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0									
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	1650	-63.45	-13	-50.45	-63.77	-65.36	1.14	5.20	H
	2474	-60.04	-13	-47.04	-64.34	-62.67	1.12	5.90	H
	3297	-62.17	-13	-49.17	-66.29	-65.38	1.34	6.70	H
	1650	-63.97	-13	-50.97	-63.07	-65.88	1.14	5.20	V
	2474	-60.94	-13	-47.94	-64.01	-63.57	1.12	5.90	V
	3297	-61.90	-13	-48.90	-67.04	-65.11	1.34	6.70	V
Middle	1664	-63.23	-13	-50.23	-63.55	-65.14	1.14	5.20	H
	2496	-56.58	-13	-43.58	-60.88	-59.21	1.12	5.90	H
	3327	-61.78	-13	-48.78	-65.90	-64.99	1.34	6.70	H
	1664	-64.47	-13	-51.47	-63.57	-66.38	1.14	5.20	V
	2496	-59.26	-13	-46.26	-62.33	-61.89	1.12	5.90	V
	3327	-61.19	-13	-48.19	-66.33	-64.40	1.34	6.70	V
Highest	1680	-63.19	-13	-50.19	-63.51	-65.10	1.14	5.20	H
	2518	-58.60	-13	-45.60	-62.90	-61.23	1.12	5.90	H
	3357	-62.82	-13	-49.82	-66.94	-66.03	1.34	6.70	H
	1680	-64.58	-13	-51.58	-63.68	-66.49	1.14	5.20	V
	2518	-59.60	-13	-46.60	-62.67	-62.23	1.12	5.90	V
	3357	-61.63	-13	-48.63	-66.77	-64.84	1.34	6.70	V

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



LTE Band 26 / 15MHz / QPSK / RB Size 1 Offset 0									
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	1650	-62.56	-13	-49.56	-62.88	-64.47	1.14	5.20	H
	2474	-60.19	-13	-47.19	-64.49	-62.82	1.12	5.90	H
	3300	-62.59	-13	-49.59	-66.71	-65.80	1.34	6.70	H
	1648	-64.37	-13	-51.37	-63.47	-66.28	1.14	5.20	V
	2474	-61.19	-13	-48.19	-64.26	-63.82	1.12	5.90	V
	3300	-60.73	-13	-47.73	-65.87	-63.94	1.34	6.70	V
Middle	1660	-62.95	-13	-49.95	-63.27	-64.86	1.14	5.20	H
	2490	-58.09	-13	-45.09	-62.39	-60.72	1.12	5.90	H
	3318	-62.60	-13	-49.60	-66.72	-65.81	1.34	6.70	H
	1660	-64.96	-13	-51.96	-64.06	-66.87	1.14	5.20	V
	2490	-58.83	-13	-45.83	-61.9	-61.46	1.12	5.90	V
	3318	-60.74	-13	-47.74	-65.88	-63.95	1.34	6.70	V
Highest	1670	-62.03	-13	-49.03	-62.35	-63.94	1.14	5.20	H
	2504	-57.23	-13	-44.23	-61.53	-59.86	1.12	5.90	H
	3339	-62.54	-13	-49.54	-66.66	-65.75	1.34	6.70	H
	1670	-63.84	-13	-50.84	-62.94	-65.75	1.14	5.20	V
	2504	-57.13	-13	-44.13	-60.2	-59.76	1.12	5.90	V
	3339	-61.26	-13	-48.26	-66.4	-64.47	1.34	6.70	V

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