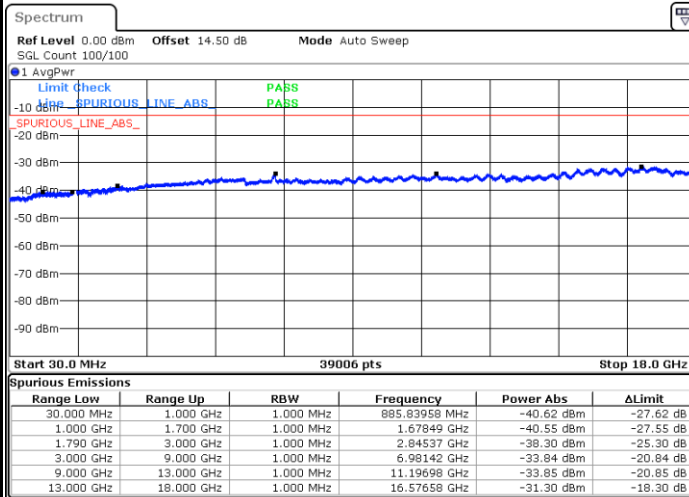




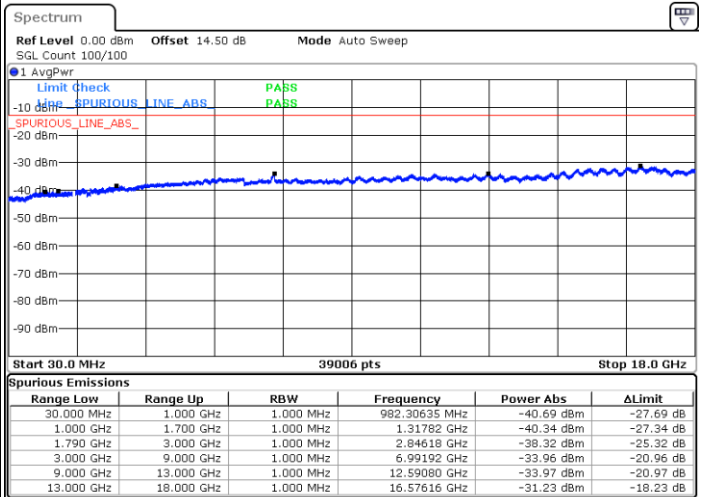
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 2.JAN.2018 11:39:10

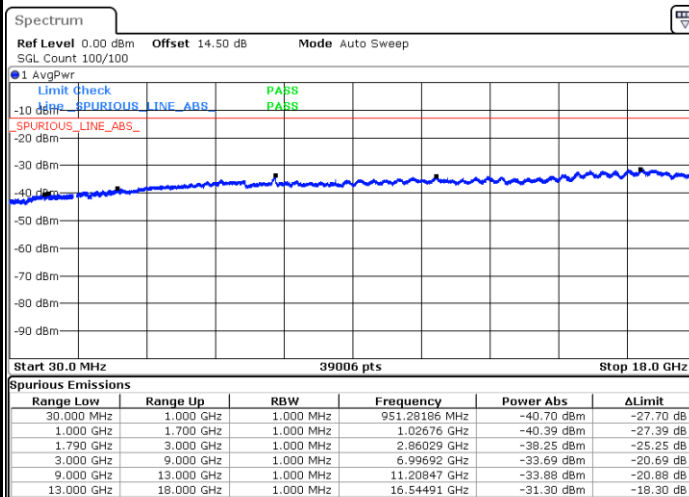
Highest Channel / 16QAM



Date: 2.JAN.2018 11:46:10

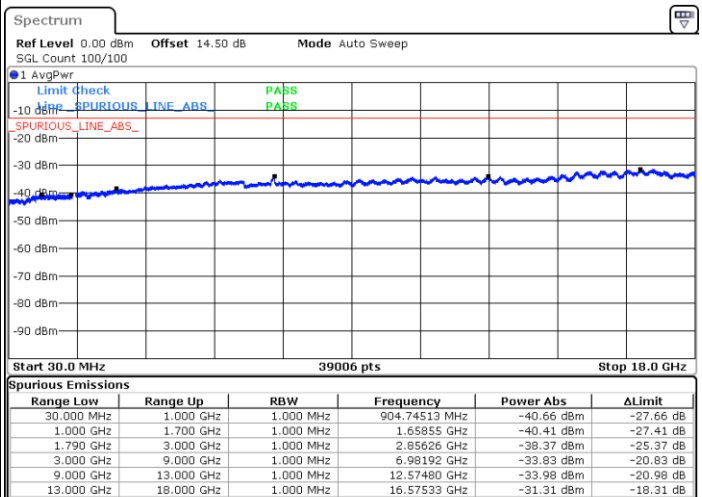
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 2.JAN.2018 13:38:49

Lowest Channel / 16QAM

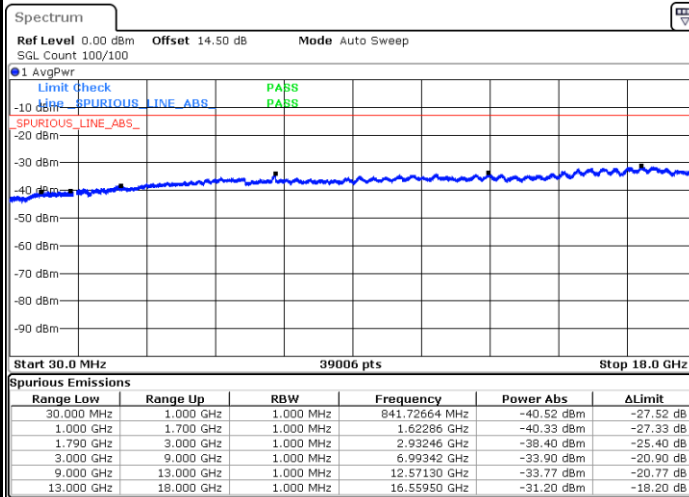


Date: 2.JAN.2018 13:48:36



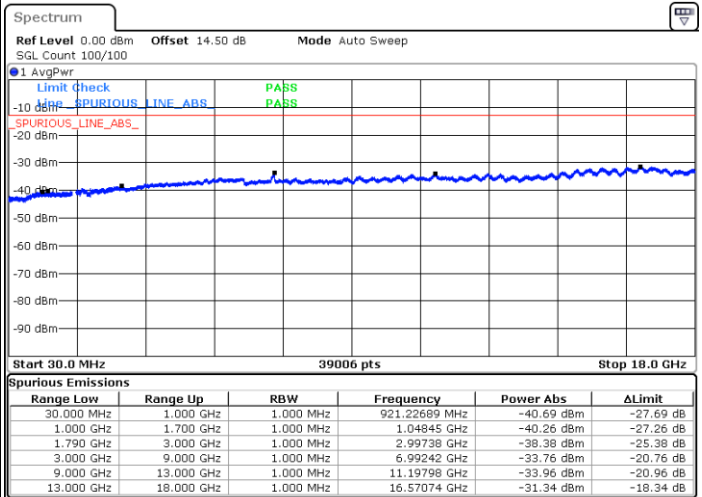
LTE Band 66 / 3MHz

Middle Channel / QPSK



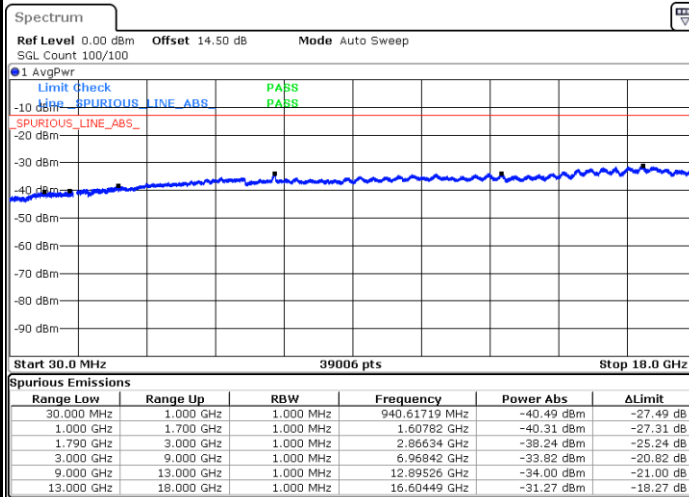
Date: 2.JAN.2018 14:07:57

Middle Channel / 16QAM



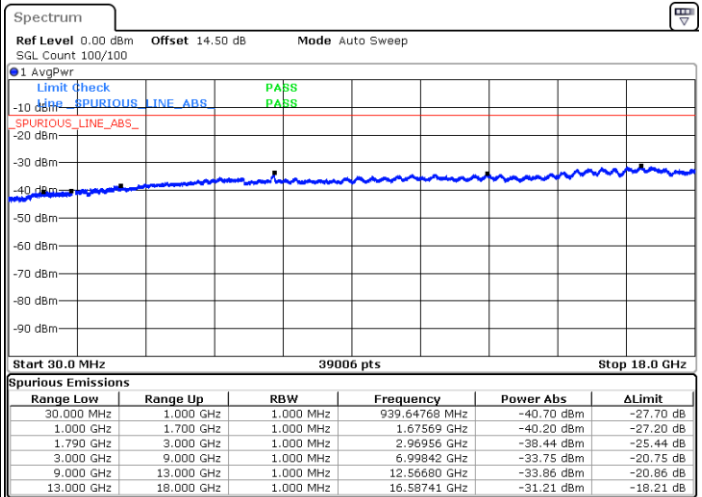
Date: 2.JAN.2018 14:11:09

Highest Channel / QPSK



Date: 2.JAN.2018 14:19:12

Highest Channel / 16QAM

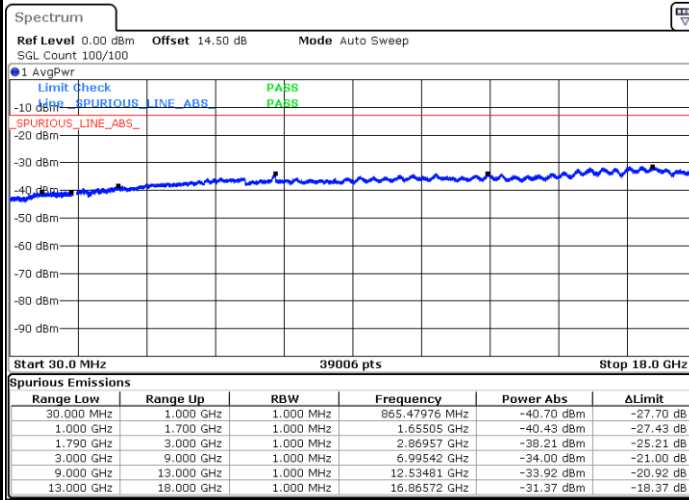


Date: 2.JAN.2018 14:23:15



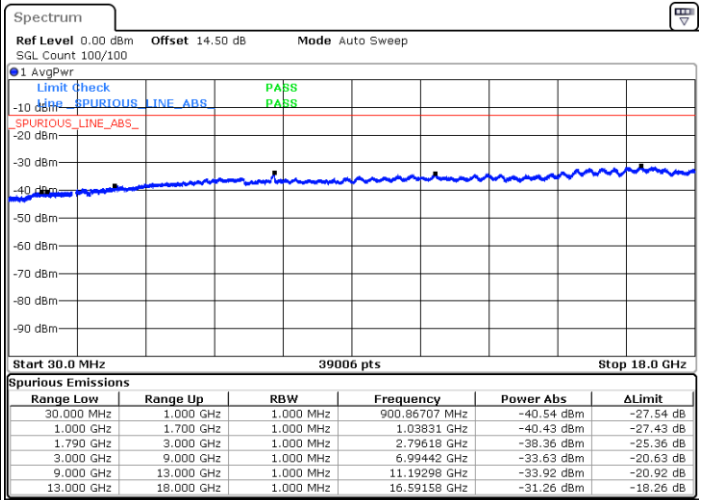
LTE Band 66 / 5MHz

Lowest Channel / QPSK



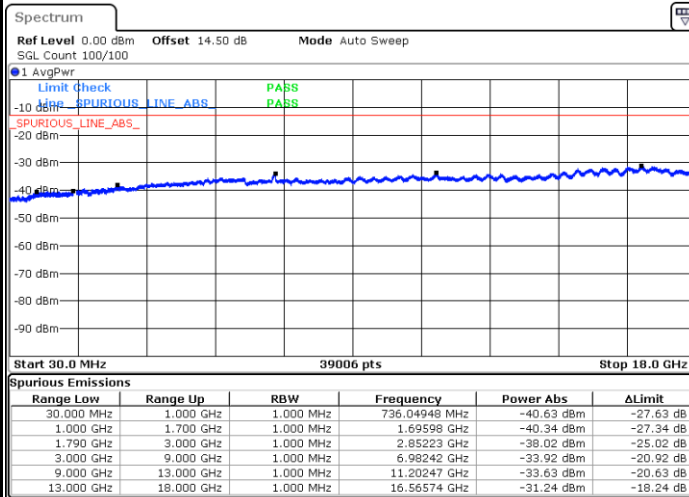
Date: 2.JAN.2018 14:39:44

Lowest Channel / 16QAM



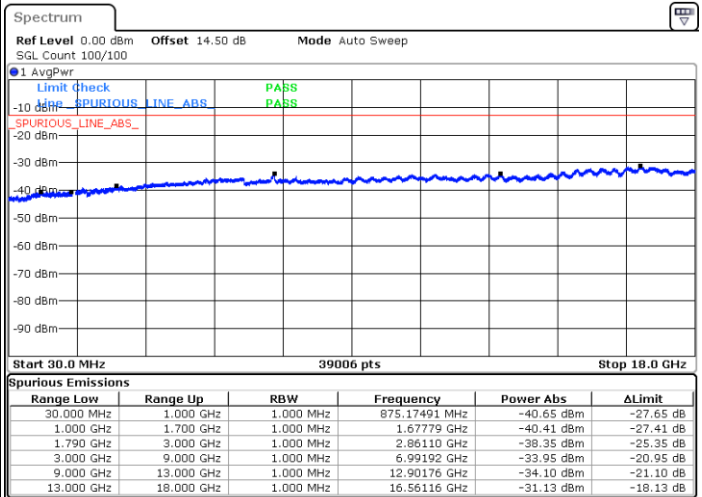
Date: 2.JAN.2018 16:46:11

Middle Channel / QPSK



Date: 2.JAN.2018 17:10:32

Middle Channel / 16QAM



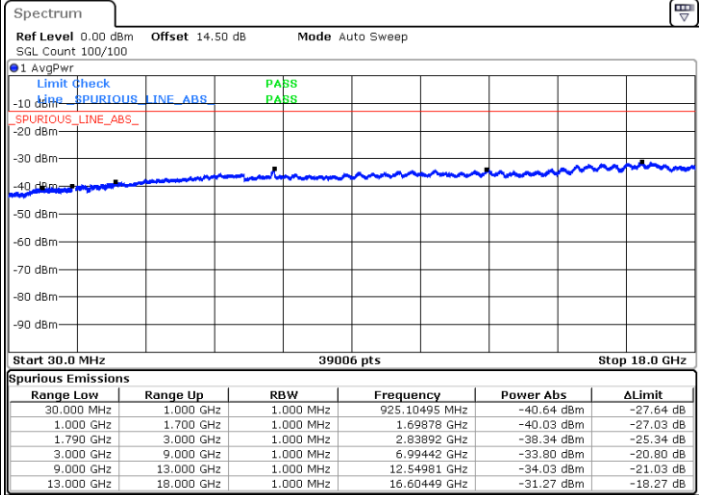
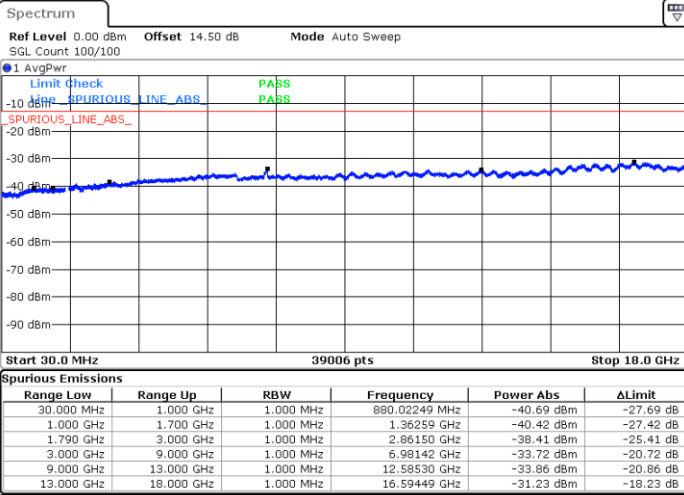
Date: 2.JAN.2018 17:11:31



LTE Band 66 / 5MHz

Highest Channel / QPSK

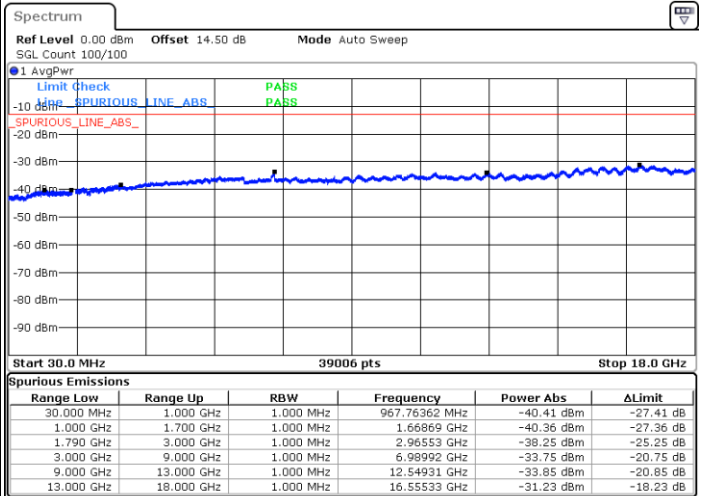
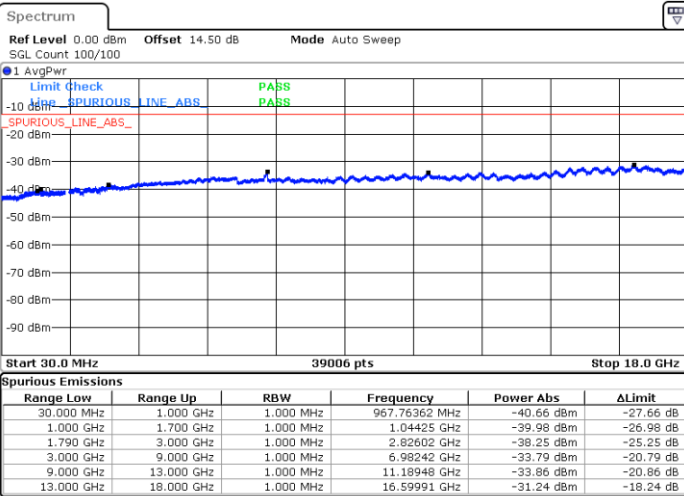
Highest Channel / 16QAM



LTE Band 66 / 10MHz

Lowest Channel / QPSK

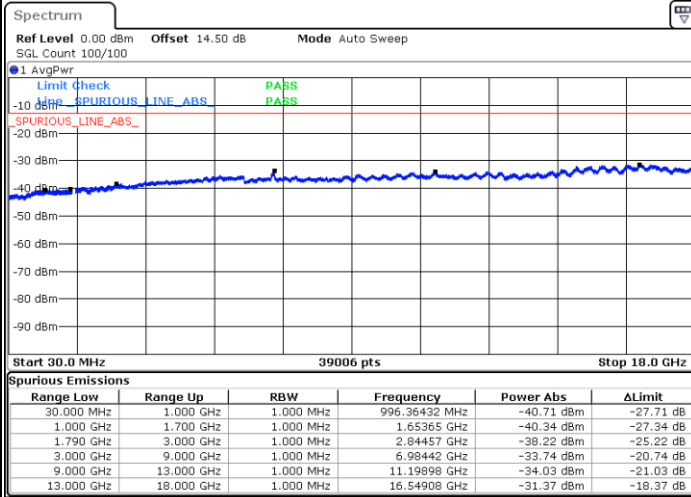
Lowest Channel / 16QAM



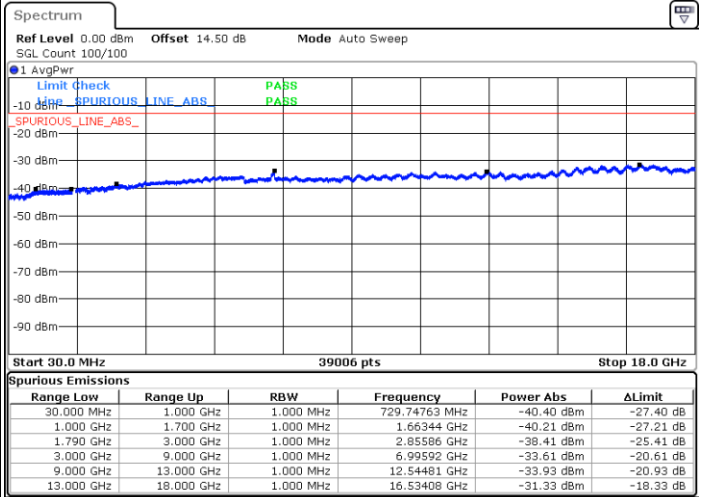


LTE Band 66 / 10MHz

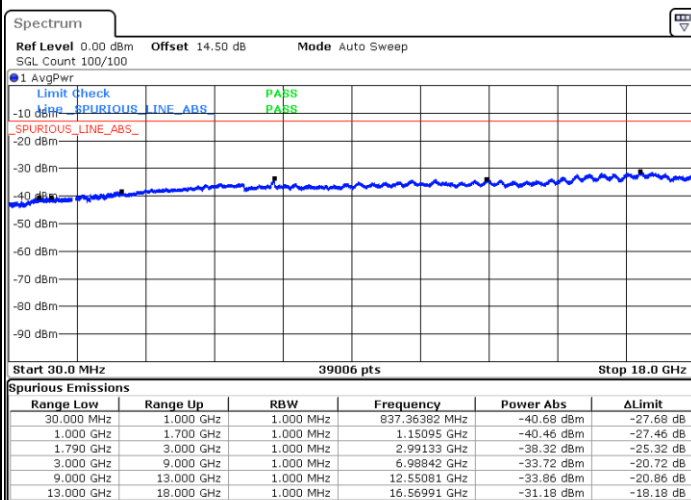
Middle Channel / QPSK



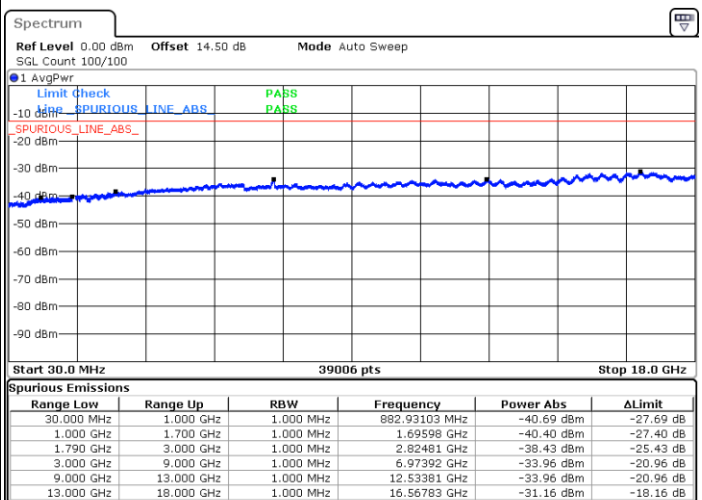
Middle Channel / 16QAM



Highest Channel / QPSK



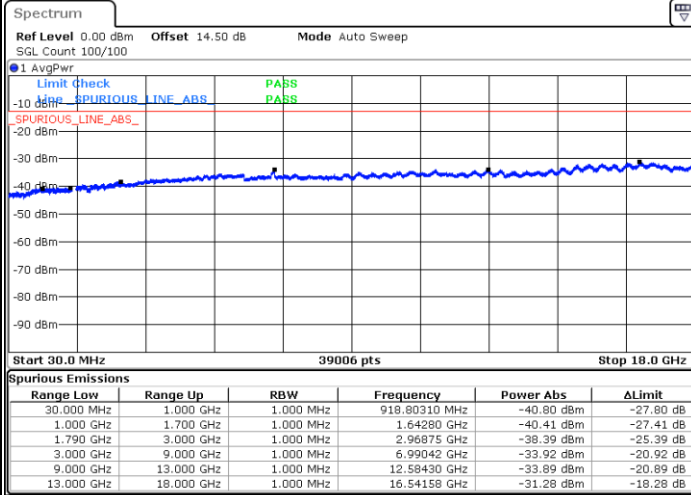
Highest Channel / 16QAM



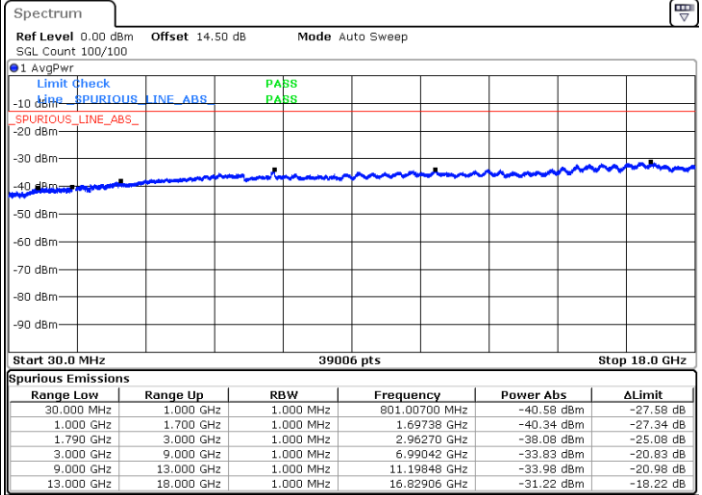


LTE Band 66 / 15MHz

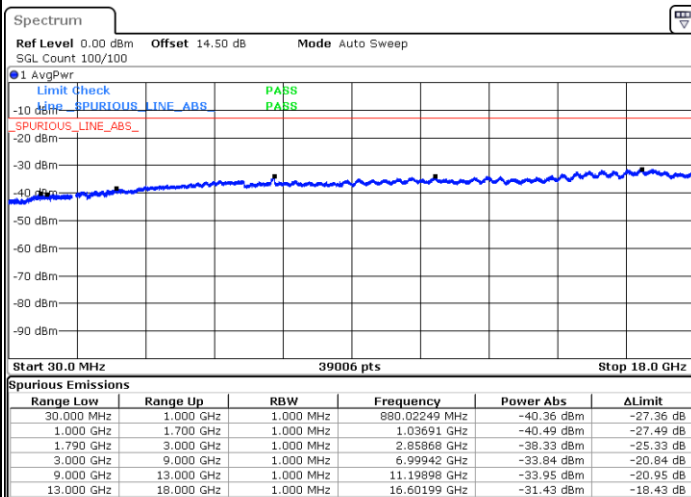
Lowest Channel / QPSK



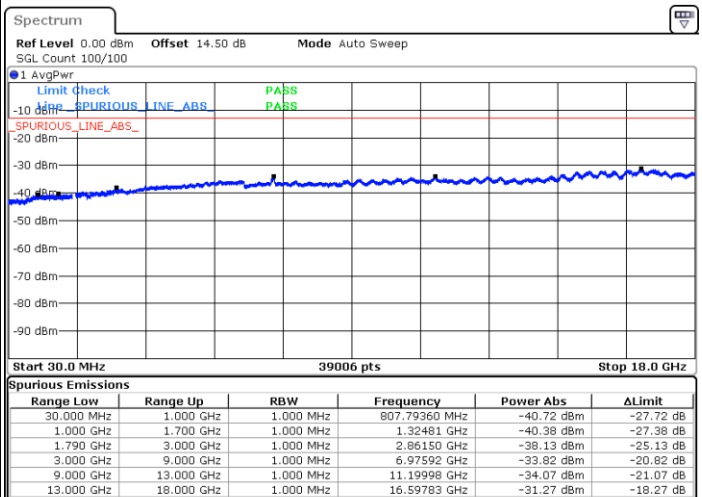
Lowest Channel / 16QAM



Middle Channel / QPSK



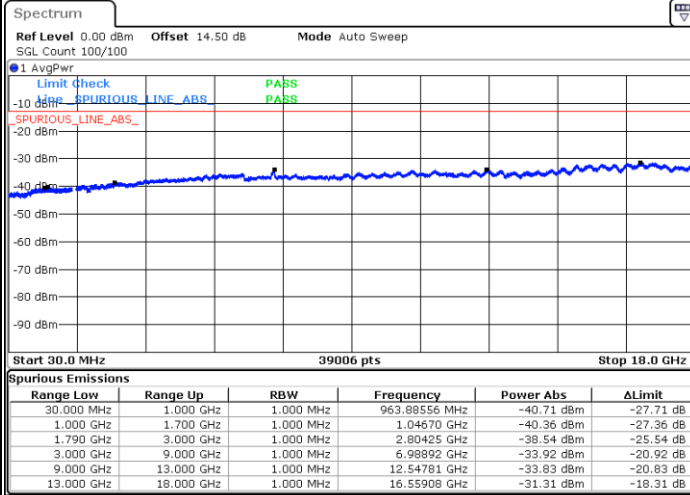
Middle Channel / 16QAM



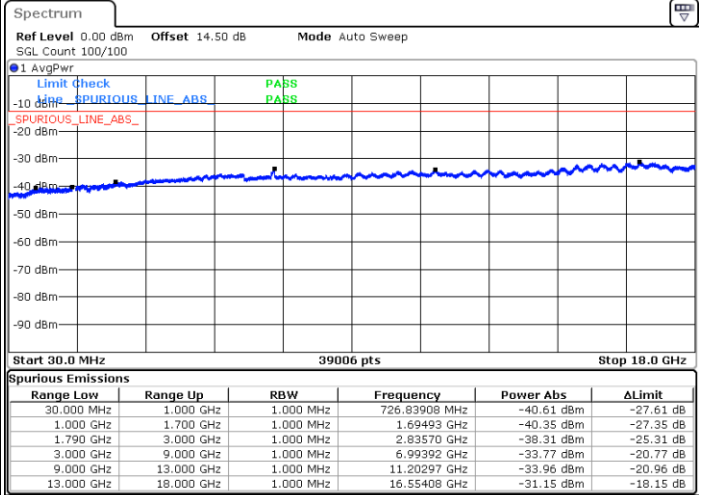


LTE Band 66 / 15MHz

Highest Channel / QPSK

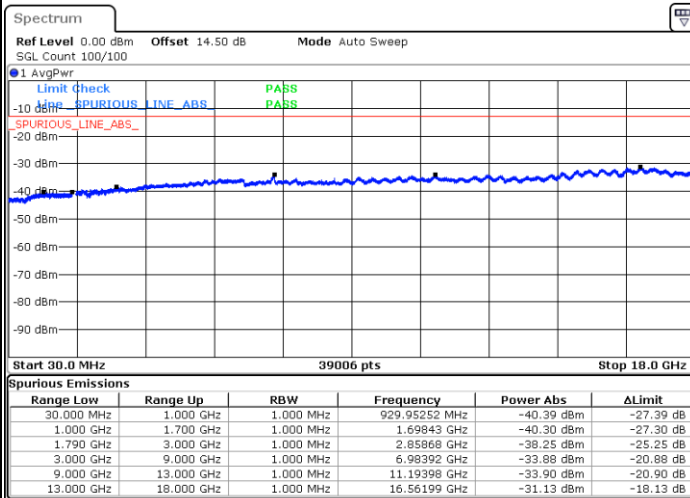


Highest Channel / 16QAM

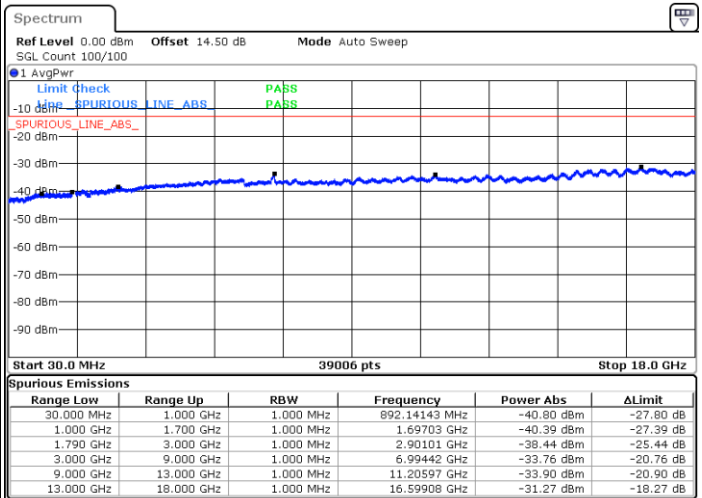


LTE Band 66 / 20MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

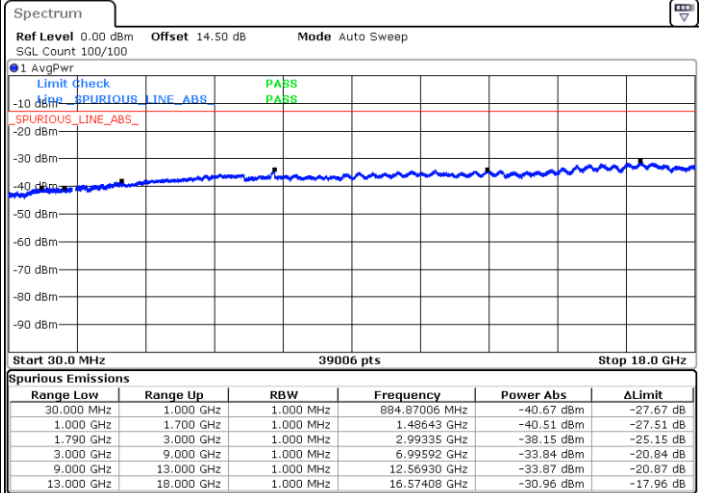
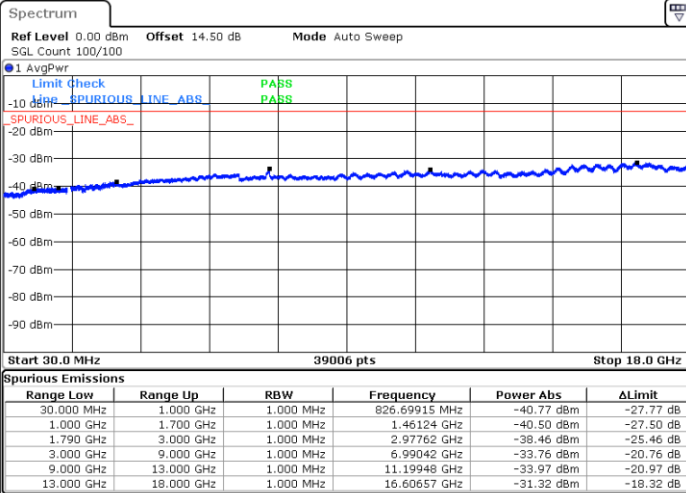




LTE Band 66 / 20MHz

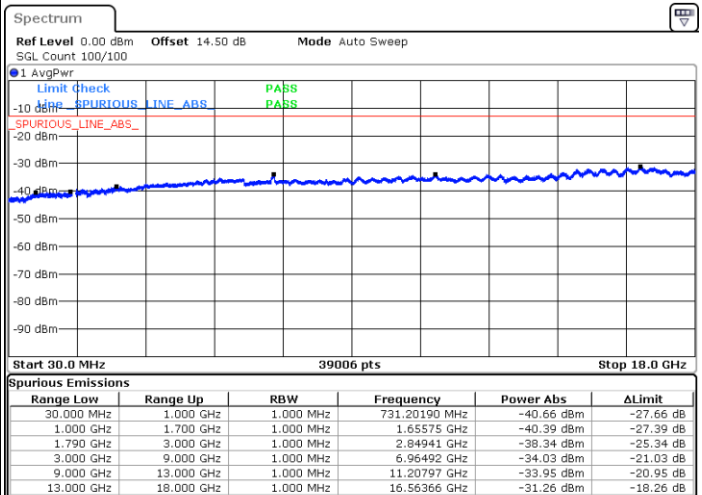
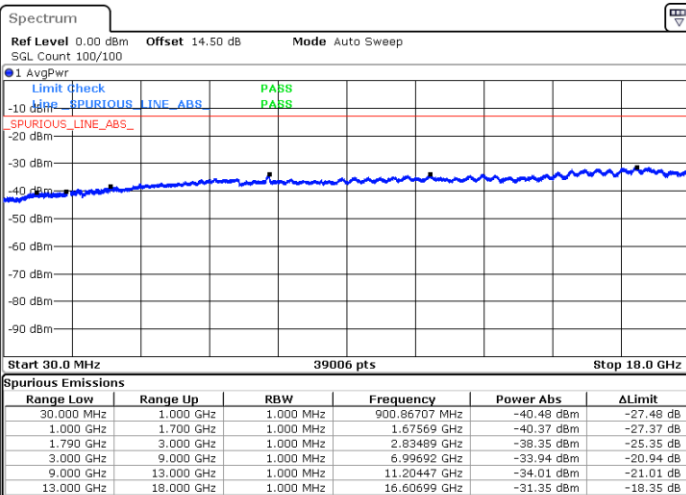
Middle Channel / QPSK

Middle Channel / 16QAM



Highest Channel / QPSK

Highest Channel / 16QAM

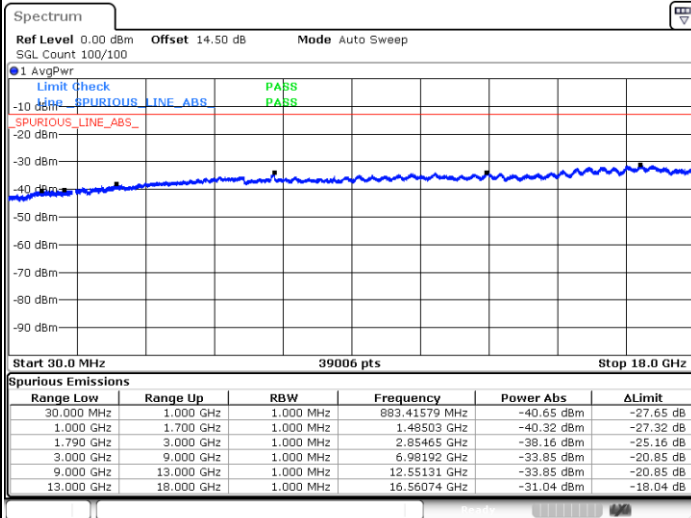




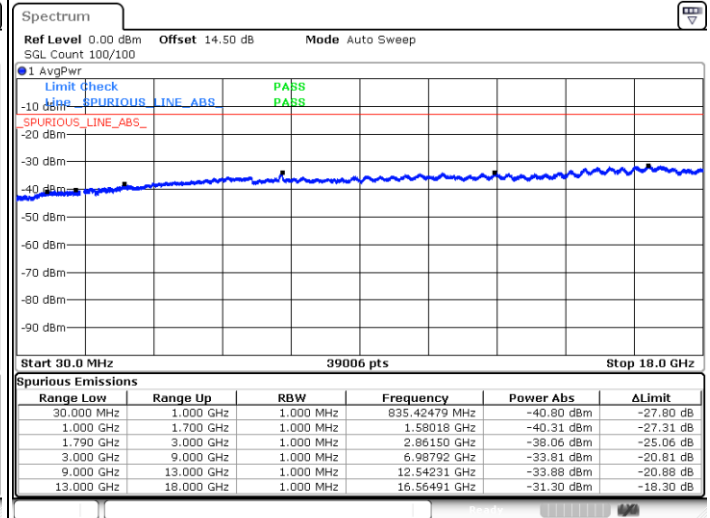
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

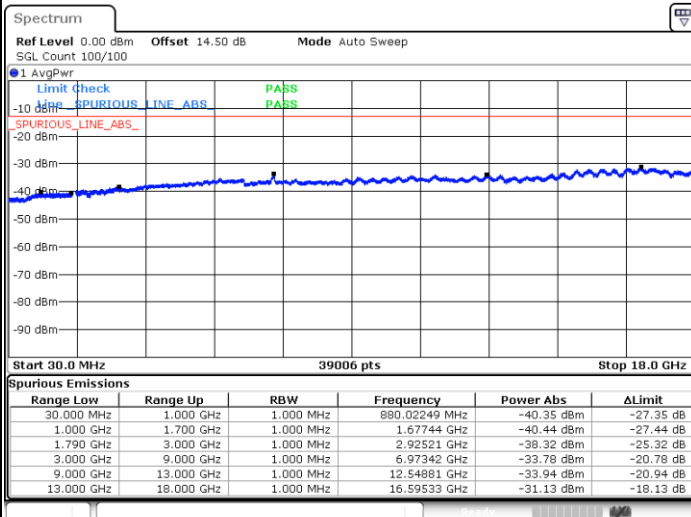


Date: 2.JAN.2018 11:23:48



Date: 2.JAN.2018 11:31:53

Highest Channel / 64QAM

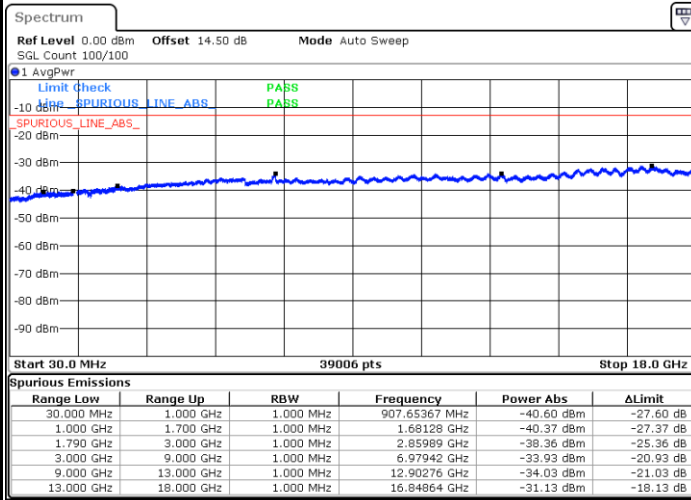


Date: 2.JAN.2018 11:53:15



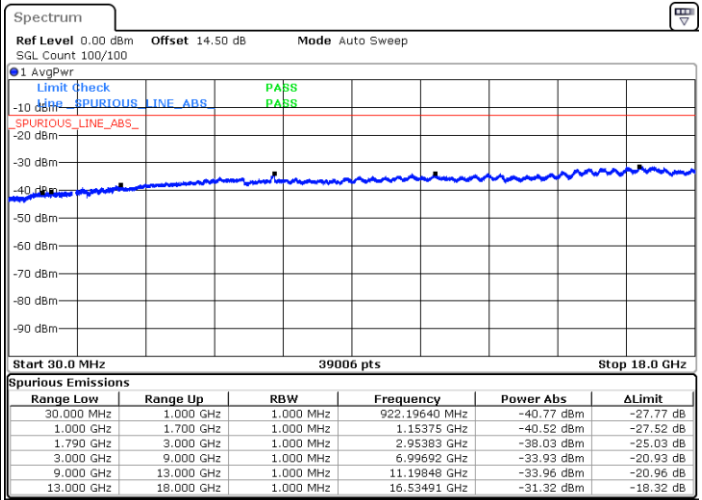
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



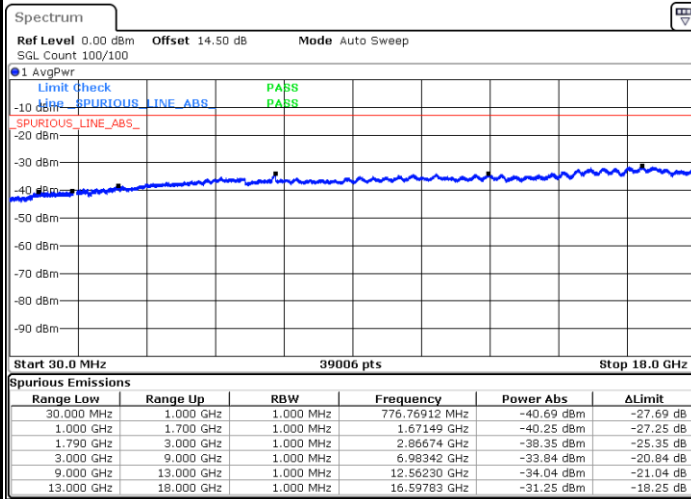
Date: 2.JAN.2018 13:56:38

Middle Channel / 64QAM



Date: 2.JAN.2018 14:13:20

Highest Channel / 64QAM

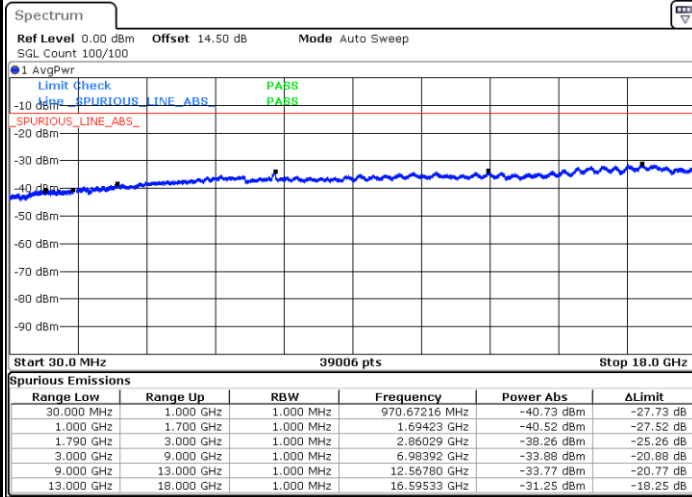


Date: 2.JAN.2018 14:27:33

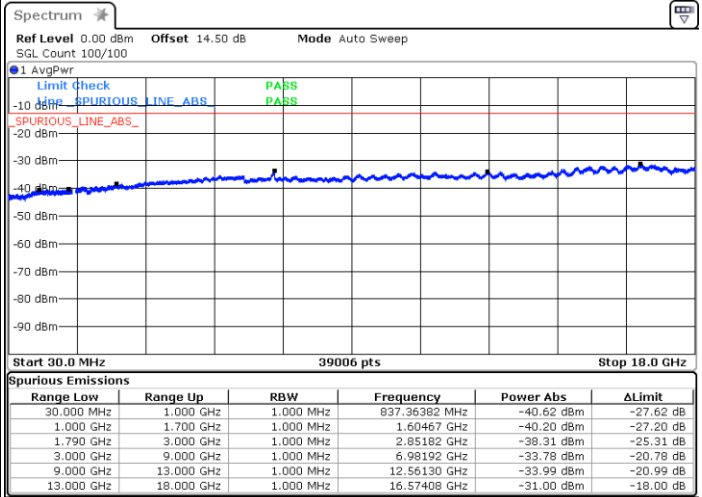


LTE Band 66 / 5MHz

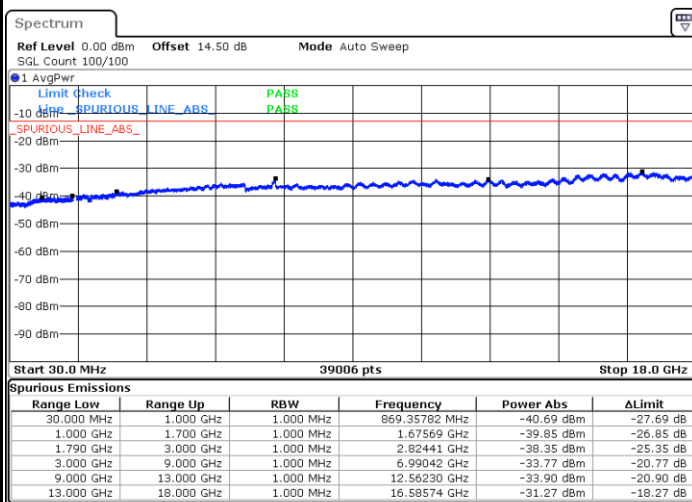
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

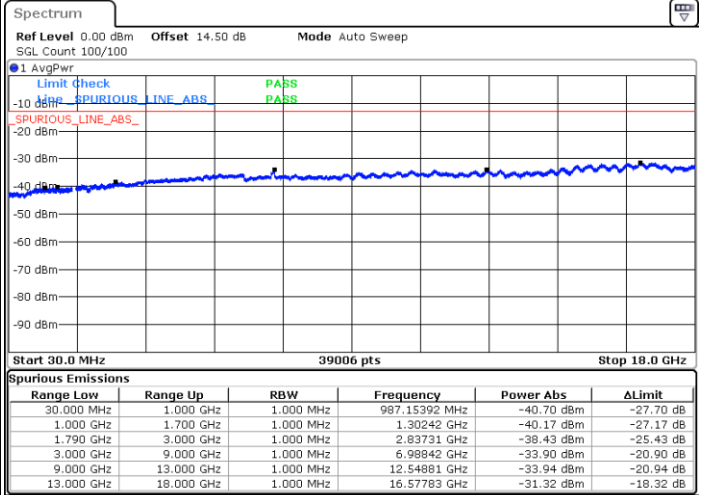
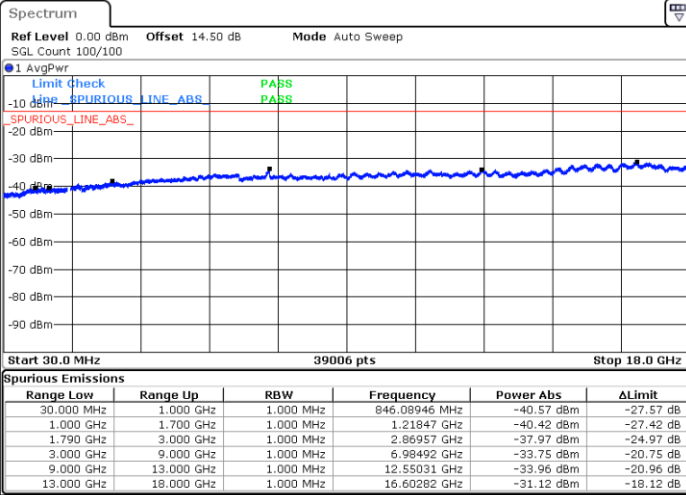




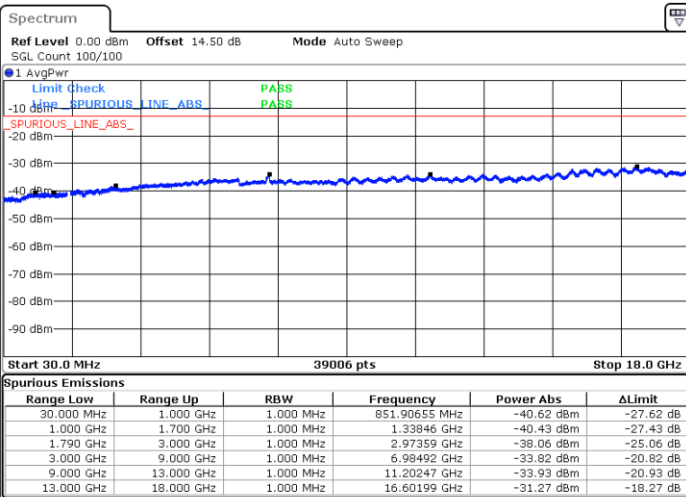
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

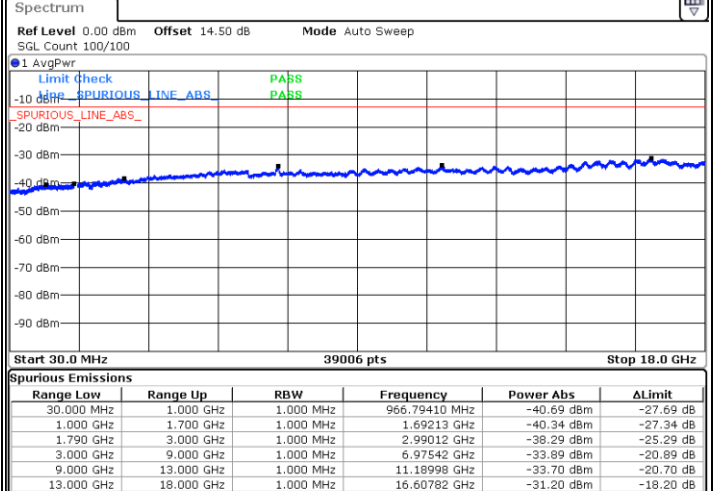
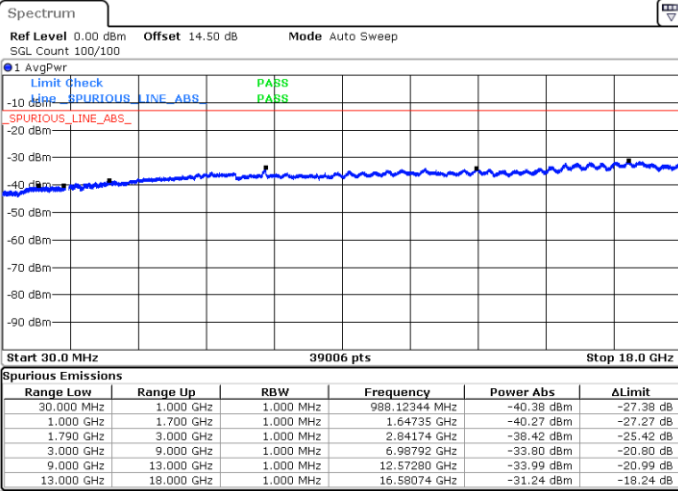




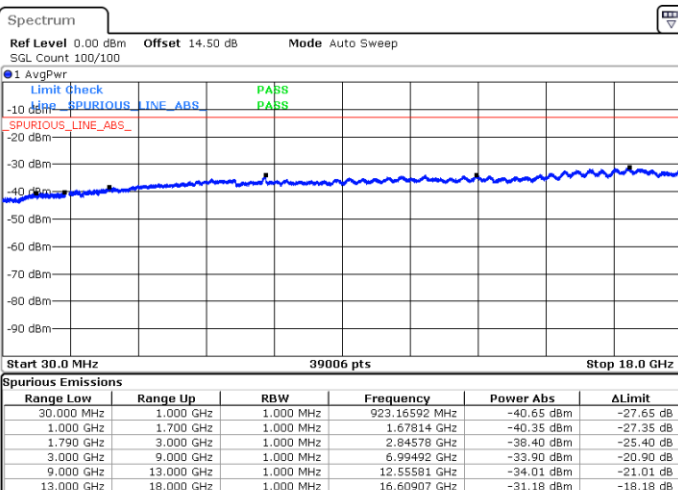
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

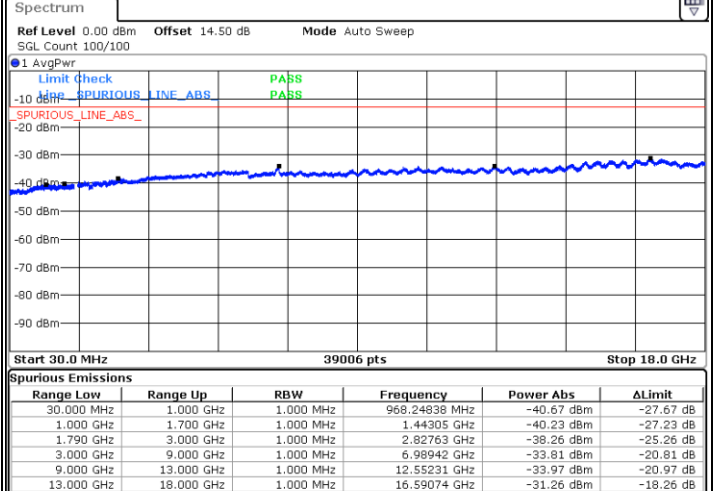
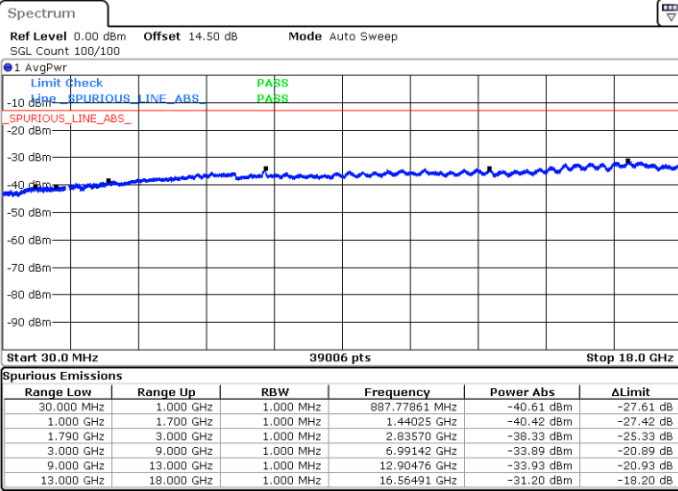




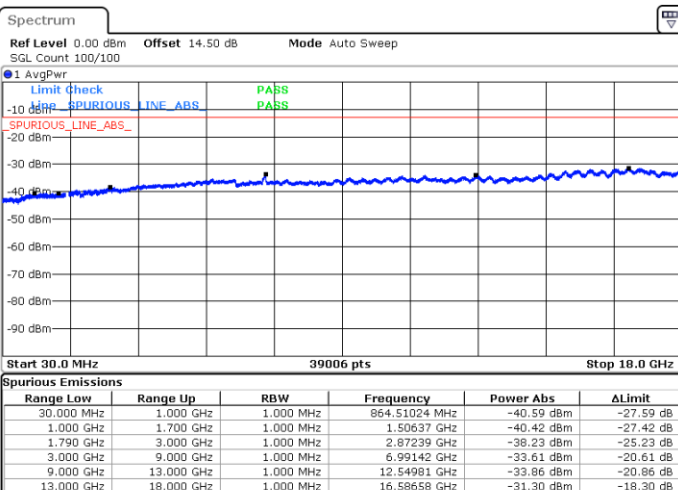
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0007	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.82 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of EIRP and Radiated Test

EIRP

<For Up Antenna>

LTE Band 66 / 1.4MHz (Average) (GT - LC = -5.78 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.08	0.2032	17.30	0.0537
Middle		1	0	22.98	0.1986	17.20	0.0525
Highest		1	0	22.97	0.1982	17.19	0.0524
Lowest	16QAM	1	3	22.45	0.1758	16.67	0.0465
Middle		1	3	22.00	0.1585	16.22	0.0419
Highest		1	3	22.48	0.1770	16.70	0.0468
Lowest	64QAM	3	3	21.16	0.1306	15.38	0.0345
Middle		3	3	21.47	0.1403	15.69	0.0371
Highest		3	3	21.32	0.1355	15.54	0.0358
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -5.78 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	22.92	0.1959	17.14	0.0518
Middle		1	14	22.82	0.1914	17.04	0.0506
Highest		1	14	22.84	0.1923	17.06	0.0508
Lowest	16QAM	1	8	22.30	0.1698	16.52	0.0449
Middle		1	8	22.27	0.1687	16.49	0.0446
Highest		1	8	22.14	0.1637	16.36	0.0433
Lowest	64QAM	1	14	21.27	0.1340	15.49	0.0354
Middle		1	14	21.24	0.1330	15.46	0.0352
Highest		1	14	21.01	0.1262	15.23	0.0333
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -5.78 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.93	0.1963	17.15	0.0519
Middle		1	0	23.04	0.2014	17.26	0.0532
Highest		1	0	22.92	0.1959	17.14	0.0518
Lowest	16QAM	1	24	21.97	0.1574	16.19	0.0416
Middle		1	24	22.08	0.1614	16.30	0.0427
Highest		1	24	21.89	0.1545	16.11	0.0408
Lowest	64QAM	1	12	21.01	0.1262	15.23	0.0333
Middle		1	12	21.33	0.1358	15.55	0.0359
Highest		1	12	21.47	0.1403	15.69	0.0371
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -5.78 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.99	0.1991	17.21	0.0526
Middle		1	0	23.02	0.2004	17.24	0.0530
Highest		1	0	23.03	0.2009	17.25	0.0531
Lowest	16QAM	1	0	22.31	0.1702	16.53	0.0450
Middle		1	0	22.38	0.1730	16.60	0.0457
Highest		1	0	22.21	0.1663	16.43	0.0440
Lowest	64QAM	1	0	21.37	0.1371	15.59	0.0362
Middle		1	0	21.49	0.1409	15.71	0.0372
Highest		1	0	21.01	0.1262	15.23	0.0333
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -5.78 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.01	0.2000	17.23	0.0528
Middle		1	0	23.08	0.2032	17.30	0.0537
Highest		1	0	23.10	0.2042	17.32	0.0540
Lowest	16QAM	1	74	21.78	0.1507	16.00	0.0398
Middle		1	74	21.93	0.1560	16.15	0.0412
Highest		1	74	21.88	0.1542	16.10	0.0407
Lowest	64QAM	1	0	21.23	0.1327	15.45	0.0351
Middle		1	0	21.34	0.1361	15.56	0.0360
Highest		1	0	21.01	0.1262	15.23	0.0333
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -5.78 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.15	0.2065	17.37	0.0546
Middle		1	0	23.11	0.2046	17.33	0.0541
Highest		1	0	23.08	0.2032	17.30	0.0537
Lowest	16QAM	1	0	22.12	0.1629	16.34	0.0431
Middle		1	0	22.33	0.1710	16.55	0.0452
Highest		1	0	22.21	0.1663	16.43	0.0440
Lowest	64QAM	1	0	21.31	0.1352	15.53	0.0357
Middle		1	0	21.29	0.1346	15.51	0.0356
Highest		1	0	21.23	0.1327	15.45	0.0351
Limit	EIRP < 1W			Result		PASS	

**<For Down Antenna>**

LTE Band 66 / 1.4MHz (Average) (GT - LC = -0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	3	0	23.26	0.2118	22.99	0.1991
Middle		3	0	23.34	0.2158	23.07	0.2028
Highest		3	0	23.12	0.2051	22.85	0.1928
Lowest	16QAM	1	3	22.33	0.1710	22.06	0.1607
Middle		1	3	22.60	0.1820	22.33	0.1710
Highest		1	3	22.54	0.1795	22.27	0.1687
Lowest	64QAM	3	1	21.95	0.1567	21.68	0.1472
Middle		3	1	21.98	0.1578	21.71	0.1483
Highest		3	1	21.91	0.1552	21.64	0.1459
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 3MHz (Average) (GT - LC = -0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	23.39	0.2183	23.12	0.2051
Middle		1	14	23.30	0.2138	23.03	0.2009
Highest		1	14	23.16	0.2070	22.89	0.1945
Lowest	16QAM	1	0	22.39	0.1734	22.12	0.1629
Middle		1	0	22.81	0.1910	22.54	0.1795
Highest		1	0	22.76	0.1888	22.49	0.1774
Lowest	64QAM	1	0	21.33	0.1358	21.06	0.1276
Middle		1	0	21.50	0.1413	21.23	0.1327
Highest		1	0	21.36	0.1368	21.09	0.1285
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 5MHz (Average) (GT - LC = -0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	12	23.10	0.2042	22.83	0.1919
Middle		1	12	23.25	0.2113	22.98	0.1986
Highest		1	12	23.33	0.2153	23.06	0.2023
Lowest	16QAM	1	0	22.53	0.1791	22.26	0.1683
Middle		1	0	22.66	0.1845	22.39	0.1734
Highest		1	0	22.26	0.1683	21.99	0.1581
Lowest	64QAM	1	12	21.72	0.1486	21.45	0.1396
Middle		1	12	21.65	0.1462	21.38	0.1374
Highest		1	12	21.44	0.1393	21.17	0.1309
Limit	EIRP < 1W			Result		PASS	



LTE Band 66 / 10MHz (Average) (GT - LC = -0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	23.21	0.2094	22.94	0.1968
Middle		1	49	23.28	0.2128	23.01	0.2000
Highest		1	49	22.94	0.1968	22.67	0.1849
Lowest	16QAM	1	25	22.69	0.1858	22.42	0.1746
Middle		1	25	22.58	0.1811	22.31	0.1702
Highest		1	25	22.33	0.1710	22.06	0.1607
Lowest	64QAM	1	49	21.52	0.1419	21.25	0.1334
Middle		1	49	21.28	0.1343	21.01	0.1262
Highest		1	49	21.21	0.1321	20.94	0.1242
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 15MHz (Average) (GT - LC = -0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.33	0.2153	23.06	0.2023
Middle		1	0	23.29	0.2133	23.02	0.2004
Highest		1	0	23.32	0.2148	23.05	0.2018
Lowest	16QAM	1	0	22.40	0.1738	22.13	0.1633
Middle		1	0	22.56	0.1803	22.29	0.1694
Highest		1	0	22.62	0.1828	22.35	0.1718
Lowest	64QAM	1	74	21.73	0.1489	21.46	0.1400
Middle		1	74	21.68	0.1472	21.41	0.1384
Highest		1	74	21.52	0.1419	21.25	0.1334
Limit	EIRP < 1W			Result		PASS	

LTE Band 66 / 20MHz (Average) (GT - LC = -0.27 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	23.30	0.2138	23.03	0.2009
Middle		1	0	23.45	0.2213	23.18	0.2080
Highest		1	0	23.43	0.2203	23.16	0.2070
Lowest	16QAM	1	0	22.23	0.1671	21.96	0.1570
Middle		1	0	22.47	0.1766	22.20	0.1660
Highest		1	0	22.18	0.1652	21.91	0.1552
Lowest	64QAM	1	99	21.64	0.1459	21.37	0.1371
Middle		1	99	21.71	0.1483	21.44	0.1393
Highest		1	99	21.66	0.1466	21.39	0.1377
Limit	EIRP < 1W			Result		PASS	

**Radiated Spurious Emission****<Up Antenna>****LTE Band 66**

LTE Band 66 / 1.4MHz / 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	3420.14	-59.75	-13	-46.75	-79.08	-67.98	4.35	12.58	H
	5130.21	-57.42	-13	-44.42	-81.58	-65.18	4.92	12.68	H
	6840.28	-57.82	-13	-44.82	-81.73	-63.20	6.3	11.68	H
									H
	3420.14	-62.62	-13	-49.62	-78.7	-70.85	4.35	12.58	V
	5130.21	-62.08	-13	-49.08	-81.59	-69.84	4.92	12.68	V
	6840.28	-57.52	-13	-44.52	-81.43	-62.90	6.3	11.68	V
									V
Middle	3488.74	-59.76	-13	-46.76	-79.09	-67.99	4.37	12.60	H
	5233.11	-57.66	-13	-44.66	-81.82	-65.42	4.94	12.70	H
	6977.48	-58.14	-13	-45.14	-82.05	-63.52	6.32	11.70	H
									H
	3488.74	-61.85	-13	-48.85	-77.93	-70.08	4.37	12.60	V
	5233.11	-61.93	-13	-48.93	-81.44	-69.69	4.94	12.70	V
	6977.48	-57.83	-13	-44.83	-81.74	-63.21	6.32	11.70	V
									V
Highest	3557.34	-59.89	-13	-46.89	-79.22	-68.12	4.39	12.62	H
	5336.01	-57.32	-13	-44.32	-81.48	-65.08	4.96	12.72	H
	7114.68	-58.01	-13	-45.01	-81.92	-63.39	6.34	11.72	H
									H
	3557.34	-61.75	-13	-48.75	-77.83	-69.98	4.39	12.62	V
	5336.01	-61.98	-13	-48.98	-81.49	-69.74	4.96	12.72	V
	7114.68	-57.62	-13	-44.62	-81.53	-63.00	6.34	11.72	V
									V

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



LTE Band 66 / 3MHz / 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	3420.3	-59.39	-13	-46.39	-78.72	-67.62	4.35	12.58	H
	5130.45	-57.31	-13	-44.31	-81.47	-65.07	4.92	12.68	H
	6840.6	-57.33	-13	-44.33	-81.24	-62.71	6.3	11.68	H
									H
	3420.3	-61.85	-13	-48.85	-77.93	-70.08	4.35	12.58	V
	5130.45	-61.99	-13	-48.99	-81.5	-69.75	4.92	12.68	V
	6840.6	-57.62	-13	-44.62	-81.53	-63.00	6.3	11.68	V
									V
Middle	3487.3	-60.01	-13	-47.01	-79.34	-68.24	4.37	12.60	H
	5230.95	-57.24	-13	-44.24	-81.40	-65.00	4.94	12.70	H
	6974.6	-58.12	-13	-45.12	-82.03	-63.50	6.32	11.70	H
									H
	3487.3	-62.11	-13	-49.11	-78.19	-70.34	4.37	12.60	V
	5230.95	-61.88	-13	-48.88	-81.39	-69.64	4.94	12.70	V
	6974.6	-58.14	-13	-45.14	-82.05	-63.52	6.32	11.70	V
									V
Highest	3554.3	-59.83	-13	-46.83	-79.16	-68.06	4.39	12.62	H
	5331.45	-57.38	-13	-44.38	-81.54	-65.14	4.96	12.72	H
	7108.6	-57.79	-13	-44.79	-81.70	-63.17	6.34	11.72	H
									H
	3554.3	-62.17	-13	-49.17	-78.25	-70.40	4.39	12.62	V
	5331.45	-61.84	-13	-48.84	-81.35	-69.60	4.96	12.72	V
	7108.6	-57.49	-13	-44.49	-81.4	-62.87	6.34	11.72	V
									V

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



LTE Band 66 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.5	-59.38	-13	-46.38	-78.71	-67.61	4.35	12.58	H
	5130.75	-57.45	-13	-44.45	-81.61	-65.21	4.92	12.68	H
	6841	-57.31	-13	-44.31	-81.22	-62.69	6.3	11.68	H
									H
	3420.5	-61.59	-13	-48.59	-77.67	-69.82	4.35	12.58	V
	5130.75	-61.85	-13	-48.85	-81.36	-69.61	4.92	12.68	V
	6841	-57.39	-13	-44.39	-81.3	-62.77	6.3	11.68	V
									V
Middle	3485.5	-60.01	-13	-47.01	-79.34	-68.24	4.37	12.60	H
	5228.25	-57.28	-13	-44.28	-81.44	-65.04	4.94	12.70	H
	6971	-58.32	-13	-45.32	-82.23	-63.70	6.32	11.70	H
									H
	3485.5	-62.69	-13	-49.69	-78.77	-70.92	4.37	12.60	V
	5228.25	-62.13	-13	-49.13	-81.64	-69.89	4.94	12.70	V
	6971	-57.29	-13	-44.29	-81.2	-62.67	6.32	11.70	V
									V
Highest	3550.5	-59.70	-13	-46.70	-79.03	-67.93	4.39	12.62	H
	5325.75	-57.46	-13	-44.46	-81.62	-65.22	4.96	12.72	H
	7101	-58.31	-13	-45.31	-82.22	-63.69	6.34	11.72	H
									H
	3550.5	-63.23	-13	-50.23	-79.31	-71.46	4.39	12.62	V
	5325.75	-61.98	-13	-48.98	-81.49	-69.74	4.96	12.72	V
	7101	-57.86	-13	-44.86	-81.77	-63.24	6.34	11.72	V
									V

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



LTE Band 66 / 10MHz / 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	3421	-59.97	-13	-46.97	-79.30	-68.20	4.35	12.58	H
	5131.5	-57.52	-13	-44.52	-81.68	-65.28	4.92	12.68	H
	6842	-57.59	-13	-44.59	-81.50	-62.97	6.3	11.68	H
									H
	3421	-62.62	-13	-49.62	-78.7	-70.85	4.35	12.58	V
	5131.5	-62.28	-13	-49.28	-81.79	-70.04	4.92	12.68	V
	6842	-57.80	-13	-44.80	-81.71	-63.18	6.3	11.68	V
									V
Middle	3481	-60.23	-13	-47.23	-79.56	-68.46	4.37	12.60	H
	5221.5	-57.49	-13	-44.49	-81.65	-65.25	4.94	12.70	H
	6962	-58.01	-13	-45.01	-81.92	-63.39	6.32	11.70	H
									H
	3481	-62.80	-13	-49.80	-78.88	-71.03	4.37	12.60	V
	5221.5	-62.18	-13	-49.18	-81.69	-69.94	4.94	12.70	V
	6962	-58.34	-13	-45.34	-82.25	-63.72	6.32	11.70	V
									V
Highest	3541	-59.85	-13	-46.85	-79.18	-68.08	4.39	12.62	H
	5311.5	-57.36	-13	-44.36	-81.52	-65.12	4.96	12.72	H
	7082	-57.61	-13	-44.61	-81.52	-62.99	6.34	11.72	H
									H
	3541	-62.94	-13	-49.94	-79.02	-71.17	4.39	12.62	V
	5311.5	-62.01	-13	-49.01	-81.52	-69.77	4.96	12.72	V
	7082	-58.16	-13	-45.16	-82.07	-63.54	6.34	11.72	V
									V

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



LTE Band 66 / 15MHz / 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	3421.5	-59.81	-13	-46.81	-79.14	-68.04	4.35	12.58	H
	5132.25	-57.29	-13	-44.29	-81.45	-65.05	4.92	12.68	H
	6843	-57.86	-13	-44.86	-81.77	-63.24	6.3	11.68	H
									H
	3421.5	-62.36	-13	-49.36	-78.44	-70.59	4.35	12.58	V
	5132.25	-62.27	-13	-49.27	-81.78	-70.03	4.92	12.68	V
	6843	-57.69	-13	-44.69	-81.6	-63.07	6.3	11.68	V
									V
Middle	3476.5	-60.00	-13	-47.00	-79.33	-68.23	4.37	12.60	H
	5214.75	-57.78	-13	-44.78	-81.94	-65.54	4.94	12.70	H
	6953	-58.00	-13	-45.00	-81.91	-63.38	6.32	11.70	H
									H
	3476.5	-63.26	-13	-50.26	-79.34	-71.49	4.37	12.60	V
	5214.75	-61.94	-13	-48.94	-81.45	-69.70	4.94	12.70	V
	6953	-57.90	-13	-44.90	-81.81	-63.28	6.32	11.70	V
									V
Highest	3531.5	-60.16	-13	-47.16	-79.49	-68.39	4.39	12.62	H
	5297.25	-57.35	-13	-44.35	-81.51	-65.11	4.96	12.72	H
	7063	-57.93	-13	-44.93	-81.84	-63.31	6.34	11.72	H
									H
	3531.5	-63.28	-13	-50.28	-79.36	-71.51	4.39	12.62	V
	5297.25	-61.99	-13	-48.99	-81.5	-69.75	4.96	12.72	V
	7063	-57.97	-13	-44.97	-81.88	-63.35	6.34	11.72	V
									V

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



LTE Band 66 / 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	3422	-60.13	-13	-47.13	-79.46	-68.36	4.35	12.58	H
	5133	-57.34	-13	-44.34	-81.50	-65.10	4.92	12.68	H
	6844	-57.85	-13	-44.85	-81.76	-63.23	6.3	11.68	H
									H
	3422	-61.77	-13	-48.77	-77.85	-70.00	4.35	12.58	V
	5133	-62.03	-13	-49.03	-81.54	-69.79	4.92	12.68	V
	6844	-57.75	-13	-44.75	-81.66	-63.13	6.3	11.68	V
									V
Middle	3472	-60.19	-13	-47.19	-79.52	-68.42	4.37	12.60	H
	5208	-57.83	-13	-44.83	-81.99	-65.59	4.94	12.70	H
	6944	-57.70	-13	-44.70	-81.61	-63.08	6.32	11.70	H
									H
	3472	-63.11	-13	-50.11	-79.19	-71.34	4.37	12.60	V
	5208	-62.50	-13	-49.50	-82.01	-70.26	4.94	12.70	V
	6944	-57.96	-13	-44.96	-81.87	-63.34	6.32	11.70	V
									V
Highest	3522	-59.96	-13	-46.96	-79.29	-68.19	4.39	12.62	H
	5283	-57.47	-13	-44.47	-81.63	-65.23	4.96	12.72	H
	7044	-57.80	-13	-44.80	-81.71	-63.18	6.34	11.72	H
									H
	3522	-62.42	-13	-49.42	-78.5	-70.65	4.39	12.62	V
	5283	-62.46	-13	-49.46	-81.97	-70.22	4.96	12.72	V
	7044	-58.20	-13	-45.20	-82.11	-63.58	6.34	11.72	V
									V

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



<Down Antenna>

LTE Band 66

LTE Band 66 / 1.4MHz / 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	3420.14	-58.71	-13	-45.71	-78.04	-66.94	4.35	12.58	H
	5130.21	-57.73	-13	-44.73	-81.89	-65.49	4.92	12.68	H
	6840.28	-57.46	-13	-44.46	-81.37	-62.84	6.3	11.68	H
									H
	3420.14	-60.33	-13	-47.33	-76.41	-68.56	4.35	12.58	V
	5130.21	-62.16	-13	-49.16	-81.67	-69.92	4.92	12.68	V
	6840.28	-57.77	-13	-44.77	-81.68	-63.15	6.3	11.68	V
									V
Middle	3488.74	-59.96	-13	-46.96	-79.29	-68.19	4.37	12.60	H
	5233.11	-57.39	-13	-44.39	-81.55	-65.15	4.94	12.70	H
	6977.48	-58.08	-13	-45.08	-81.99	-63.46	6.32	11.70	H
									H
	3488.74	-63.20	-13	-50.20	-79.28	-71.43	4.37	12.60	V
	5233.11	-61.86	-13	-48.86	-81.37	-69.62	4.94	12.70	V
	6977.48	-58.11	-13	-45.11	-82.02	-63.49	6.32	11.70	V
									V
Highest	3557.34	-59.61	-13	-46.61	-78.94	-67.84	4.39	12.62	H
	5336.01	-57.71	-13	-44.71	-81.87	-65.47	4.96	12.72	H
	7114.68	-58.05	-13	-45.05	-81.96	-63.43	6.34	11.72	H
									H
	3557.34	-61.15	-13	-48.15	-77.23	-69.38	4.39	12.62	V
	5336.01	-62.13	-13	-49.13	-81.64	-69.89	4.96	12.72	V
	7114.68	-58.26	-13	-45.26	-82.17	-63.64	6.34	11.72	V
									V

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



LTE Band 66 / 3MHz / 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	3420.3	-60.14	-13	-47.14	-79.47	-68.37	4.35	12.58	H
	5130.45	-57.53	-13	-44.53	-81.69	-65.29	4.92	12.68	H
	6840.6	-57.48	-13	-44.48	-81.39	-62.86	6.3	11.68	H
									H
	3420.3	-60.48	-13	-47.48	-76.56	-68.71	4.35	12.58	V
	5130.45	-61.96	-13	-48.96	-81.47	-69.72	4.92	12.68	V
	6840.6	-57.84	-13	-44.84	-81.75	-63.22	6.3	11.68	V
									V
Middle	3487.3	-59.93	-13	-46.93	-79.26	-68.16	4.37	12.60	H
	5230.95	-57.73	-13	-44.73	-81.89	-65.49	4.94	12.70	H
	6974.6	-58.41	-13	-45.41	-82.32	-63.79	6.32	11.70	H
									H
	3487.3	-63.01	-13	-50.01	-79.09	-71.24	4.37	12.60	V
	5230.95	-62.40	-13	-49.40	-81.91	-70.16	4.94	12.70	V
	6974.6	-58.35	-13	-45.35	-82.26	-63.73	6.32	11.70	V
									V
Highest	3554.3	-58.86	-13	-45.86	-78.19	-67.09	4.39	12.62	H
	5331.45	-57.30	-13	-44.30	-81.46	-65.06	4.96	12.72	H
	7108.6	-58.22	-13	-45.22	-82.13	-63.60	6.34	11.72	H
									H
	3554.3	-62.44	-13	-49.44	-78.52	-70.67	4.39	12.62	V
	5331.45	-62.14	-13	-49.14	-81.65	-69.90	4.96	12.72	V
	7108.6	-57.91	-13	-44.91	-81.82	-63.29	6.34	11.72	V
									V

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



LTE Band 66 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.5	-58.12	-13	-45.12	-77.45	-66.35	4.35	12.58	H
	5130.75	-57.54	-13	-44.54	-81.70	-65.30	4.92	12.68	H
	6841	-57.52	-13	-44.52	-81.43	-62.90	6.3	11.68	H
									H
	3420.5	-61.60	-13	-48.60	-77.68	-69.83	4.35	12.58	V
	5130.75	-62.21	-13	-49.21	-81.72	-69.97	4.92	12.68	V
	6841	-57.68	-13	-44.68	-81.59	-63.06	6.3	11.68	V
									V
Middle	3485.5	-59.55	-13	-46.55	-78.88	-67.78	4.37	12.60	H
	5228.25	-57.15	-13	-44.15	-81.31	-64.91	4.94	12.70	H
	6971	-57.66	-13	-44.66	-81.57	-63.04	6.32	11.70	H
									H
	3485.5	-62.85	-13	-49.85	-78.93	-71.08	4.37	12.60	V
	5228.25	-61.66	-13	-48.66	-81.17	-69.42	4.94	12.70	V
	6971	-57.74	-13	-44.74	-81.65	-63.12	6.32	11.70	V
									V
Highest	3550.5	-59.64	-13	-46.64	-78.97	-67.87	4.39	12.62	H
	5325.75	-57.16	-13	-44.16	-81.32	-64.92	4.96	12.72	H
	7101	-57.81	-13	-44.81	-81.72	-63.19	6.34	11.72	H
									H
	3550.5	-61.71	-13	-48.71	-77.79	-69.94	4.39	12.62	V
	5325.75	-61.70	-13	-48.70	-81.21	-69.46	4.96	12.72	V
	7101	-57.76	-13	-44.76	-81.67	-63.14	6.34	11.72	V
									V

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



LTE Band 66 / 10MHz / 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	3421	-59.58	-13	-46.58	-78.91	-67.81	4.35	12.58	H
	5131.5	-57.54	-13	-44.54	-81.70	-65.30	4.92	12.68	H
	6842	-57.60	-13	-44.60	-81.51	-62.98	6.3	11.68	H
									H
	3421	-61.57	-13	-48.57	-77.65	-69.80	4.35	12.58	V
	5131.5	-62.21	-13	-49.21	-81.72	-69.97	4.92	12.68	V
	6842	-57.53	-13	-44.53	-81.44	-62.91	6.3	11.68	V
									V
Middle	3481	-60.01	-13	-47.01	-79.34	-68.24	4.37	12.60	H
	5221.5	-57.43	-13	-44.43	-81.59	-65.19	4.94	12.70	H
	6962	-57.94	-13	-44.94	-81.85	-63.32	6.32	11.70	H
									H
	3481	-63.43	-13	-50.43	-79.51	-71.66	4.37	12.60	V
	5221.5	-62.07	-13	-49.07	-81.58	-69.83	4.94	12.70	V
	6962	-58.01	-13	-45.01	-81.92	-63.39	6.32	11.70	V
									V
Highest	3481	-60.01	-13	-47.01	-79.34	-68.24	4.39	12.62	H
	5221.5	-57.43	-13	-44.43	-81.59	-65.19	4.96	12.72	H
	6962	-57.94	-13	-44.94	-81.85	-63.32	6.34	11.72	H
									H
	3481	-63.43	-13	-50.43	-79.51	-71.66	4.39	12.62	V
	5221.5	-62.07	-13	-49.07	-81.58	-69.83	4.96	12.72	V
	6962	-58.01	-13	-45.01	-81.92	-63.39	6.34	11.72	V
									V

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



LTE Band 66 / 15MHz / 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	3421.5	-60.24	-13	-47.24	-79.57	-68.47	4.35	12.58	H
	5132.25	-57.18	-13	-44.18	-81.34	-64.94	4.92	12.68	H
	6843	-57.55	-13	-44.55	-81.46	-62.93	6.3	11.68	H
									H
	3421.5	-63.18	-13	-50.18	-79.26	-71.41	4.35	12.58	V
	5132.25	-62.02	-13	-49.02	-81.53	-69.78	4.92	12.68	V
	6843	-57.22	-13	-44.22	-81.13	-62.60	6.3	11.68	V
									V
Middle	3476.5	-60.09	-13	-47.09	-79.42	-68.32	4.37	12.60	H
	5214.75	-57.46	-13	-44.46	-81.62	-65.22	4.94	12.70	H
	6953	-57.71	-13	-44.71	-81.62	-63.09	6.32	11.70	H
									H
	3476.5	-63.23	-13	-50.23	-79.31	-71.46	4.37	12.60	V
	5214.75	-62.27	-13	-49.27	-81.78	-70.03	4.94	12.70	V
	6953	-57.74	-13	-44.74	-81.65	-63.12	6.32	11.70	V
									V
Highest	3531.5	-60.10	-13	-47.10	-79.43	-68.33	4.39	12.62	H
	5297.25	-57.29	-13	-44.29	-81.45	-65.05	4.96	12.72	H
	7063	-57.79	-13	-44.79	-81.70	-63.17	6.34	11.72	H
									H
	3531.5	-60.49	-13	-47.49	-76.57	-68.72	4.39	12.62	V
	5297.25	-62.12	-13	-49.12	-81.63	-69.88	4.96	12.72	V
	7063	-58.32	-13	-45.32	-82.23	-63.70	6.34	11.72	V
									V

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



LTE Band 66 / 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	3422	-57.97	-13	-44.97	-77.30	-66.20	4.35	12.58	H
	5133	-57.55	-13	-44.55	-81.71	-65.31	4.92	12.68	H
	6844	-57.27	-13	-44.27	-81.18	-62.65	6.3	11.68	H
									H
	3422	-60.14	-13	-47.14	-76.22	-68.37	4.35	12.58	V
	5133	-62.09	-13	-49.09	-81.6	-69.85	4.92	12.68	V
	6844	-57.06	-13	-44.06	-80.97	-62.44	6.3	11.68	V
									V
Middle	3472	-58.50	-13	-45.50	-77.83	-66.73	4.37	12.60	H
	5208	-57.45	-13	-44.45	-81.61	-65.21	4.94	12.70	H
	6944	-57.89	-13	-44.89	-81.80	-63.27	6.32	11.70	H
									H
	3472	-61.86	-13	-48.86	-77.94	-70.09	4.37	12.60	V
	5208	-62.24	-13	-49.24	-81.75	-70.00	4.94	12.70	V
	6944	-57.92	-13	-44.92	-81.83	-63.30	6.32	11.70	V
									V
Highest	3522	-58.32	-13	-45.32	-77.65	-66.55	4.39	12.62	H
	5283	-56.88	-13	-43.88	-81.04	-64.64	4.96	12.72	H
	7044	-57.87	-13	-44.87	-81.78	-63.25	6.34	11.72	H
									H
	3522	-63.31	-13	-50.31	-79.39	-71.54	4.39	12.62	V
	5283	-62.21	-13	-49.21	-81.72	-69.97	4.96	12.72	V
	7044	-58.03	-13	-45.03	-81.94	-63.41	6.34	11.72	V
									V

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

—————THE END—————