

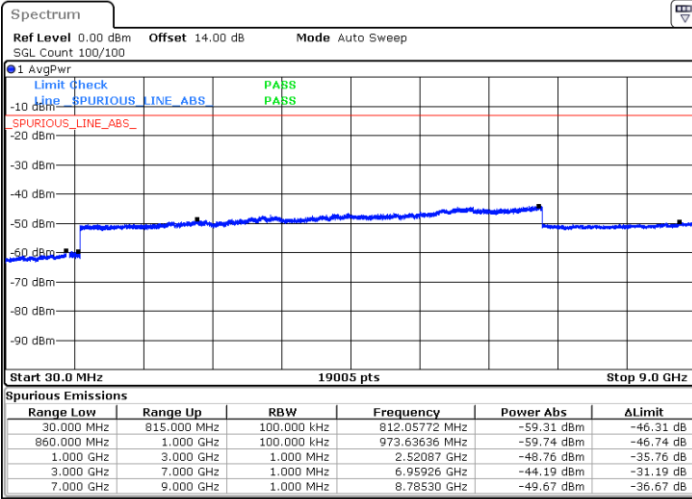


LTE Band 5B / 5MHz+3MHz

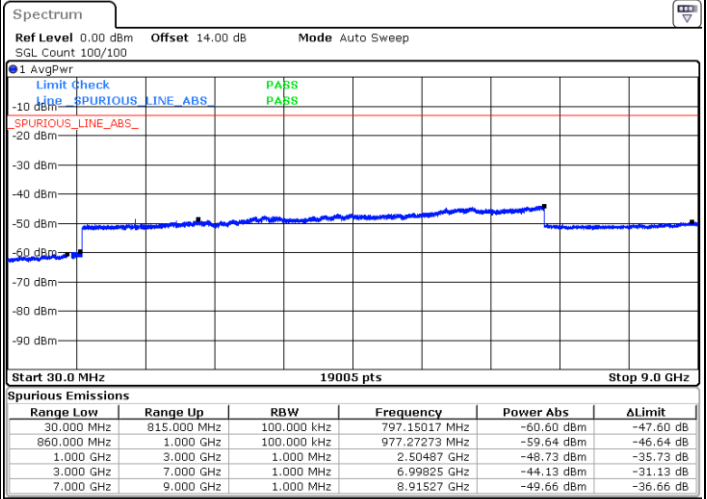
64QAM

Highest Channel / 1RB0 and 1RB14

Highest Channel / 1RB24 and 1RB0



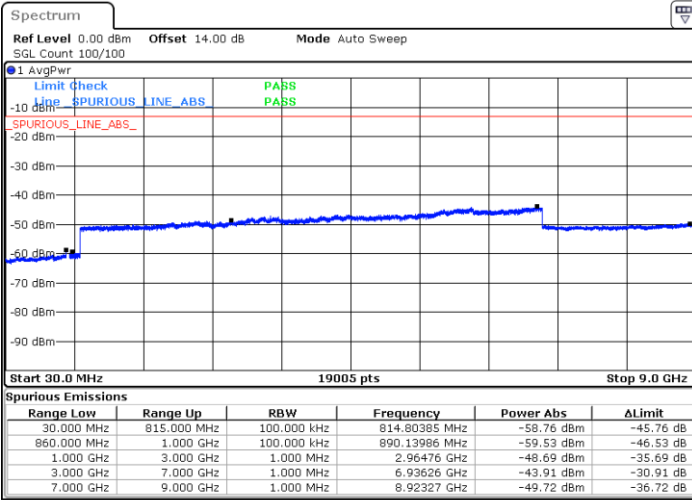
Date: 2.MAR.2021 17:44:11



Date: 2.MAR.2021 17:39:53

Highest Channel / FullIRB

N/A



Date: 2.MAR.2021 17:54:37

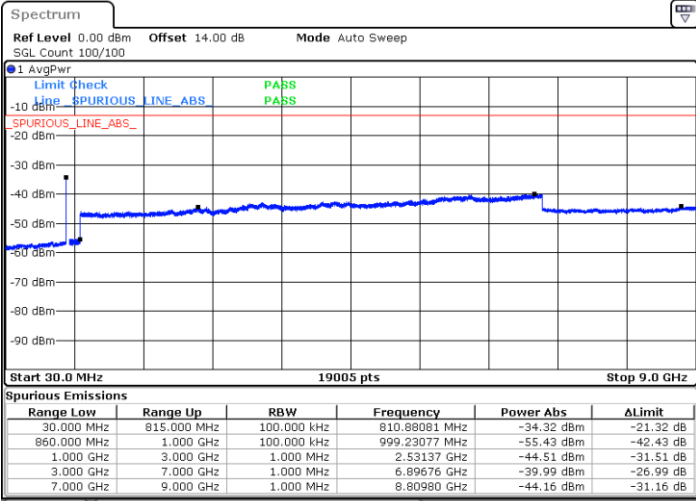


LTE Band 5B / 5MHz+10MHz

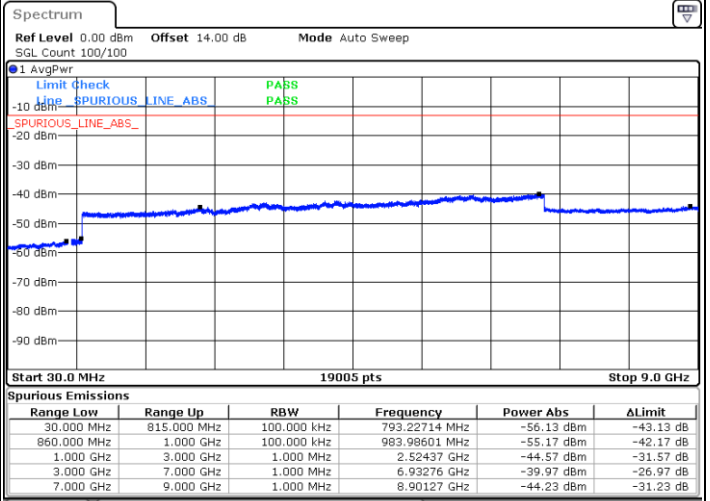
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB24 and 1RB0



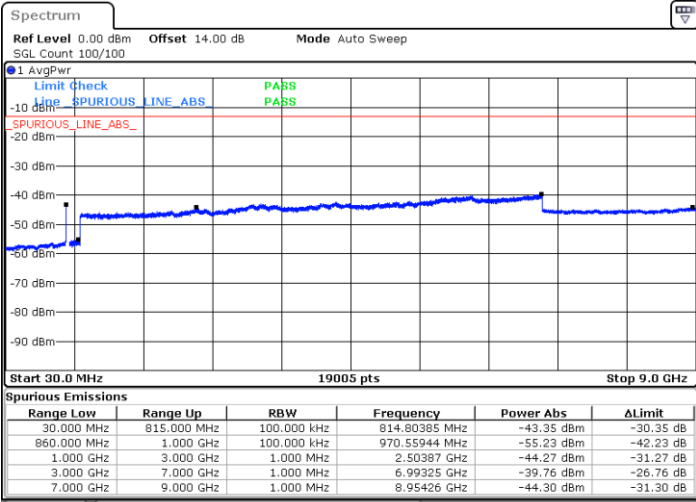
Date: 25.FEB.2021 09:26:26



Date: 25.FEB.2021 09:18:49

Lowest Channel / FullIRB

N/A



Date: 25.FEB.2021 09:27:58

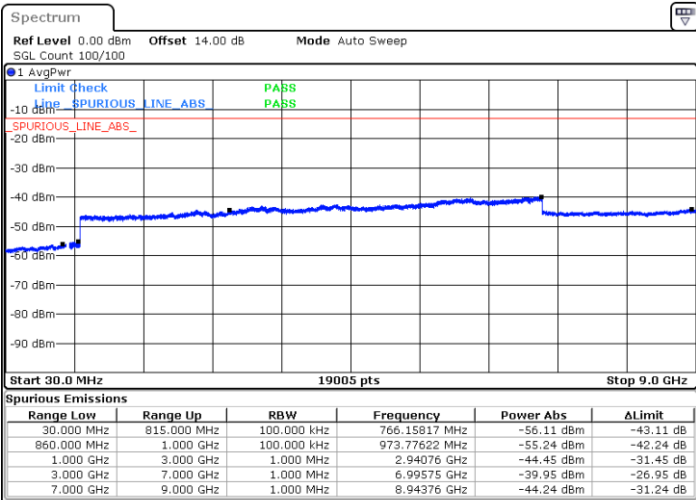


LTE Band 5B / 5MHz+10MHz

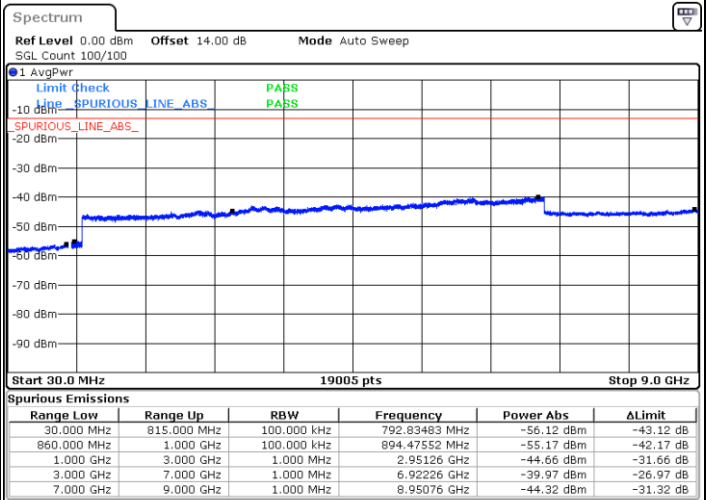
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB24 and 1RB0



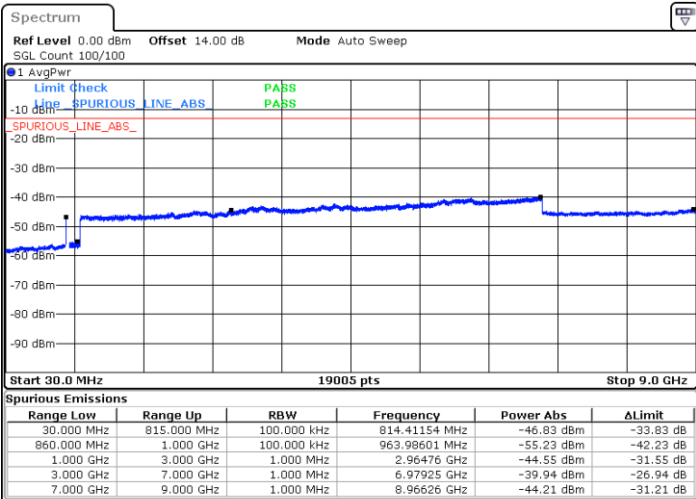
Date: 25.FEB.2021 09:41:43



Date: 25.FEB.2021 09:49:20

Middle Channel / FullIRB

N/A



Date: 25.FEB.2021 09:40:12

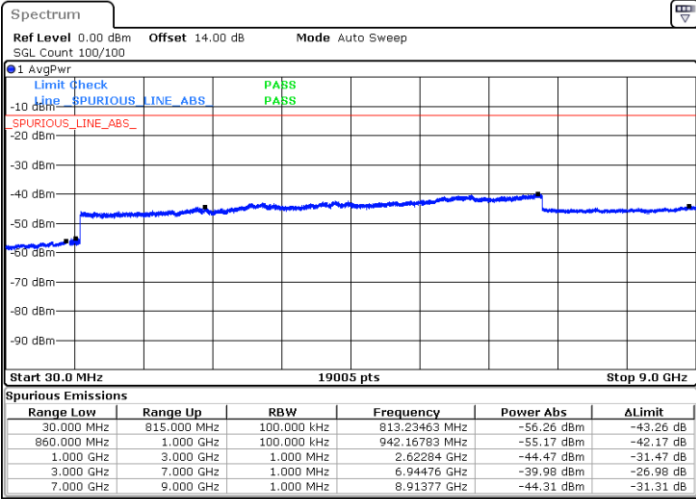


LTE Band 5B / 5MHz+10MHz

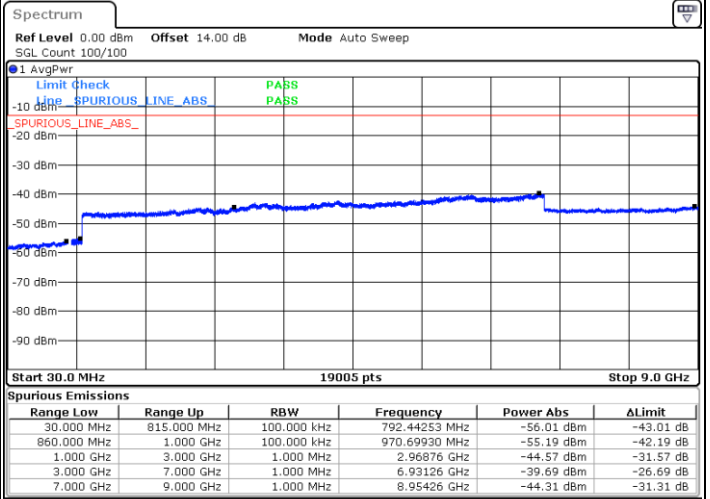
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB24 and 1RB0



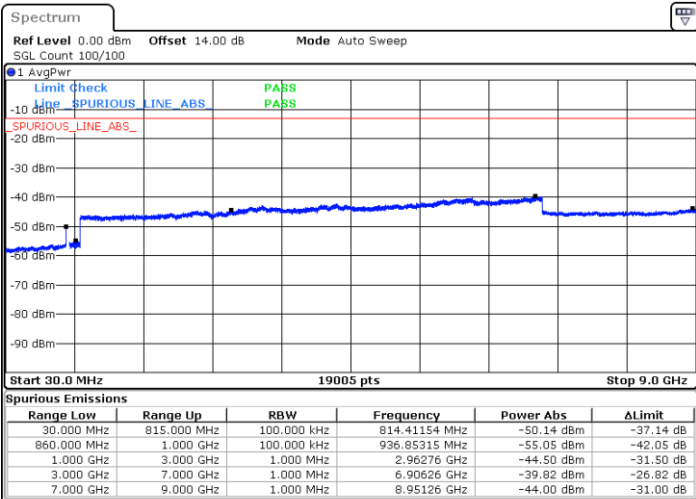
Date: 25.FEB.2021 15:40:22



Date: 25.FEB.2021 15:52:57

Highest Channel / FullIRB

N/A



Date: 25.FEB.2021 15:37:35

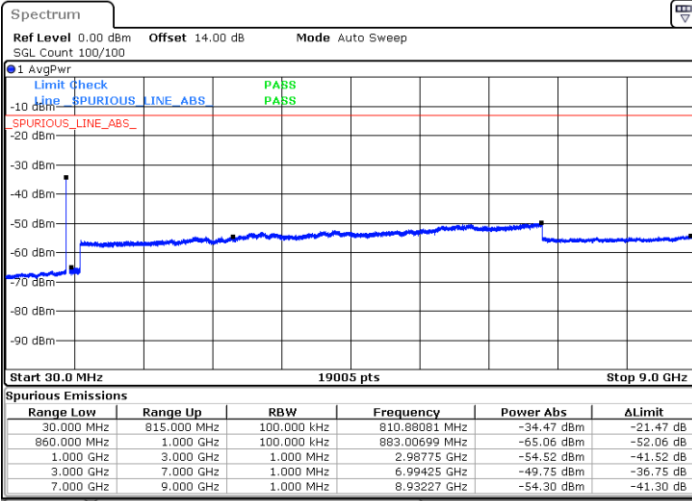


LTE Band 5B / 10MHz+5MHz

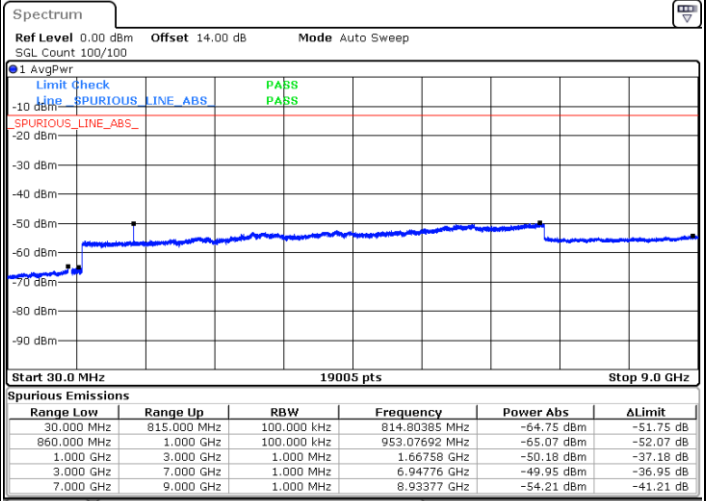
64QAM

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB49 and 1RB0



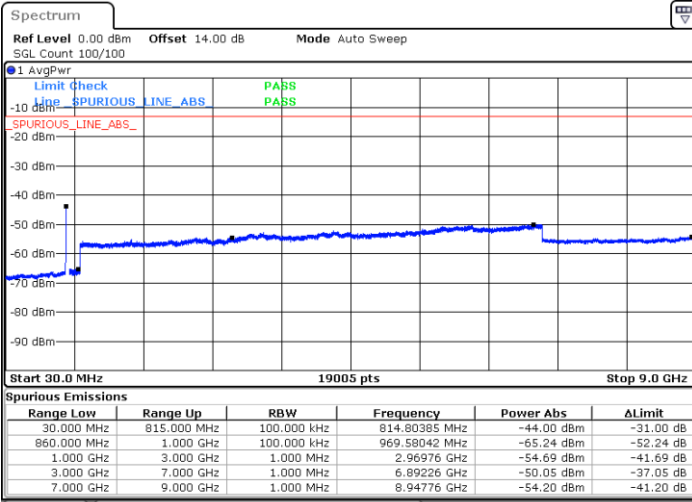
Date: 25.FEB.2021 10:30:42



Date: 25.FEB.2021 10:23:57

Lowest Channel / FullIRB

N/A



Date: 25.FEB.2021 10:32:03

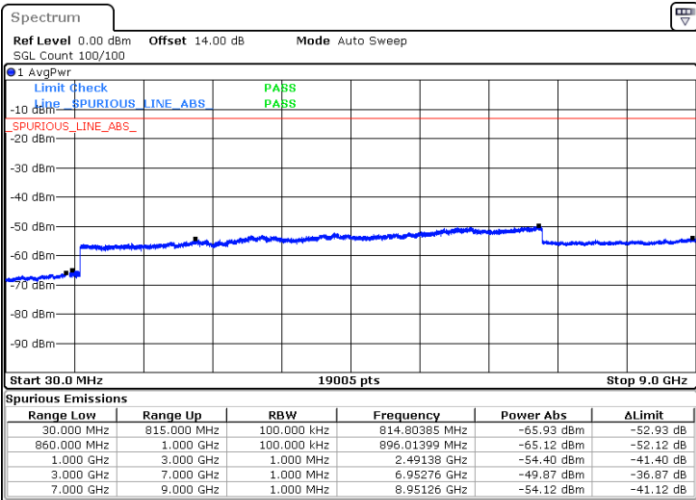


LTE Band 5B / 10MHz+5MHz

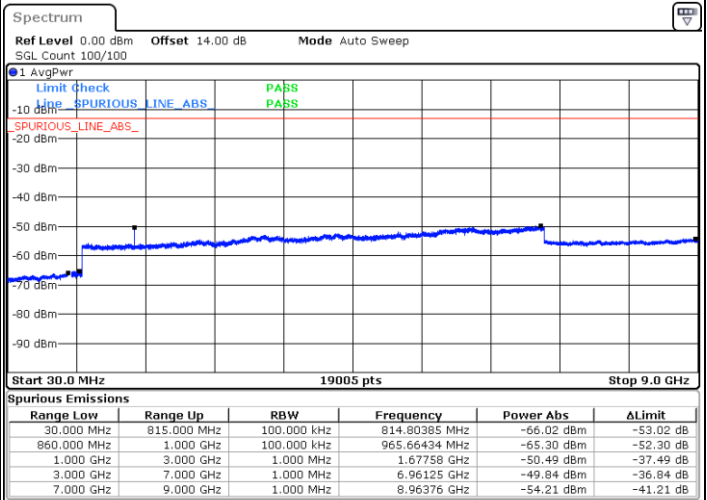
64QAM

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB49 and 1RB0



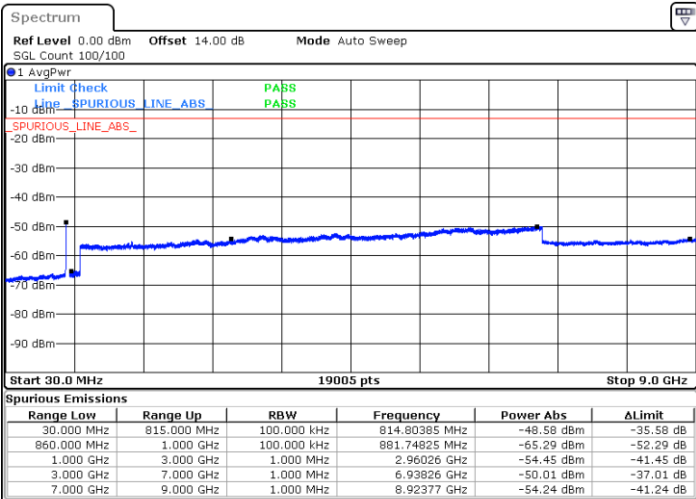
Date: 25.FEB.2021 10:44:28



Date: 25.FEB.2021 10:51:13

Middle Channel / FullIRB

N/A



Date: 25.FEB.2021 10:43:07

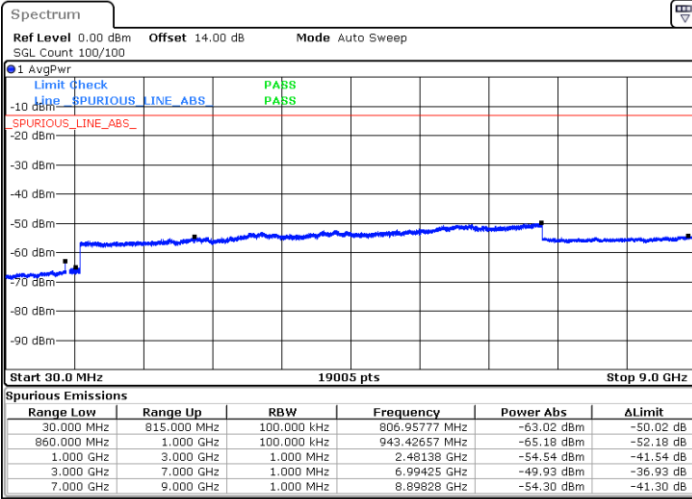


LTE Band 5B / 10MHz+5MHz

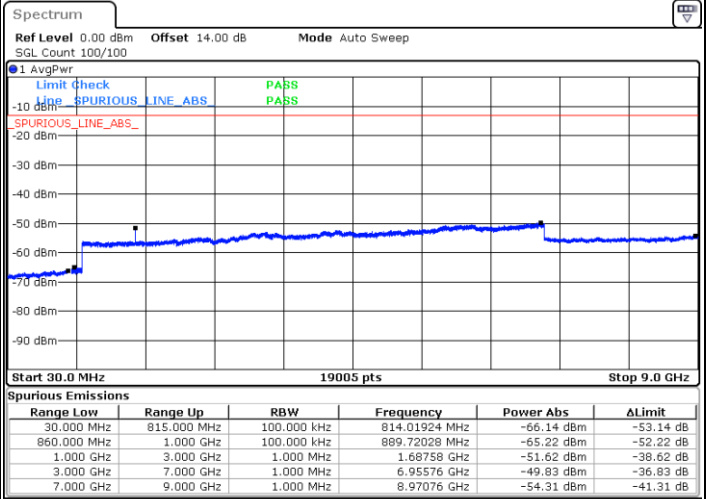
64QAM

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB49 and 1RB0



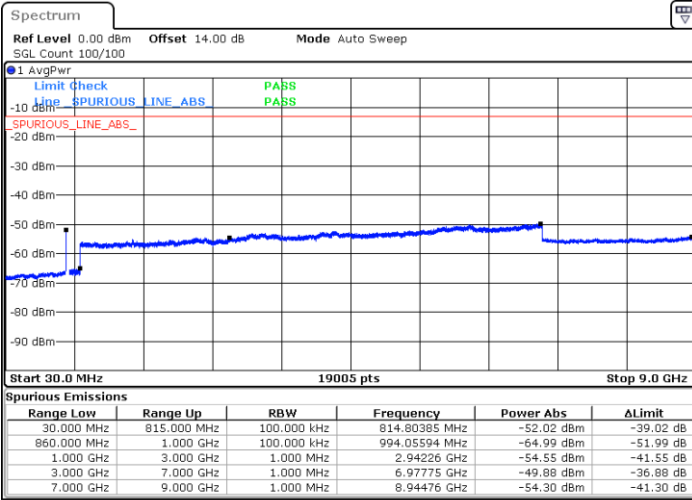
Date: 25.FEB.2021 11:20:02



Date: 25.FEB.2021 11:18:41

Highest Channel / FullIRB

N/A



Date: 25.FEB.2021 11:26:47

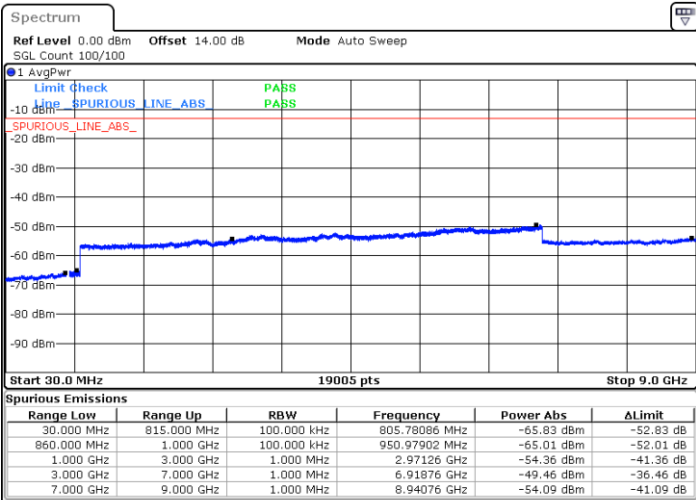


LTE Band 5B / 10MHz+10MHz

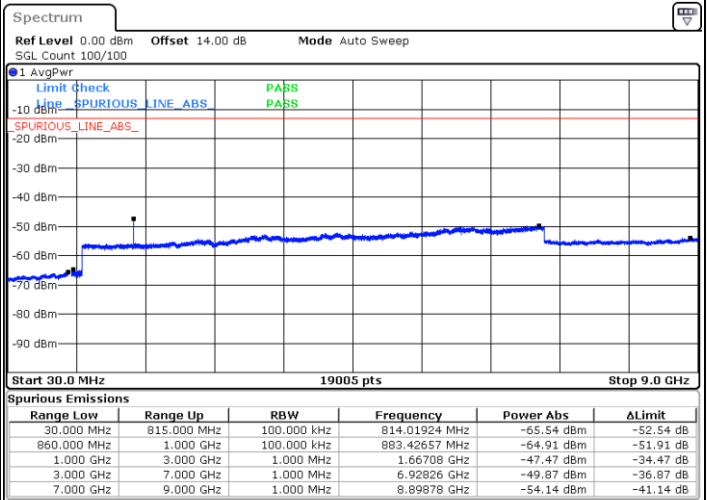
64QAM

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



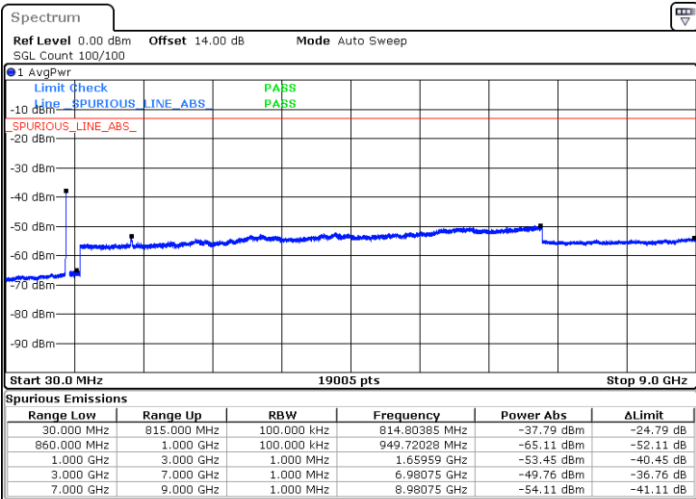
Date: 24.FEB.2021 11:02:19



Date: 24.FEB.2021 10:54:42

Lowest Channel / FullIRB

N/A



Date: 24.FEB.2021 11:03:51

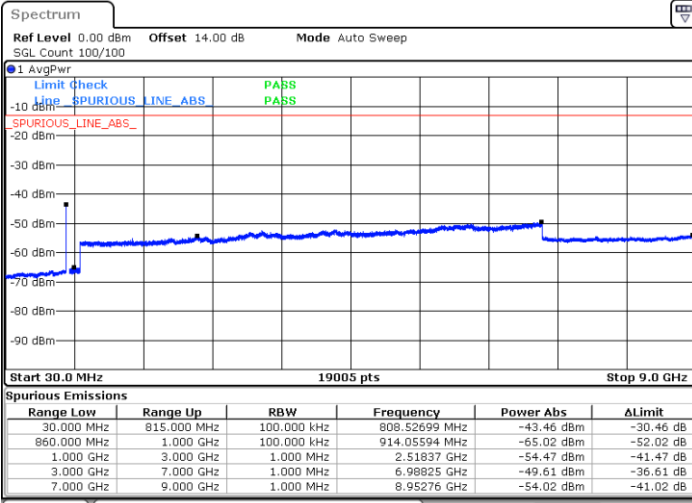


LTE Band 5B / 10MHz+10MHz

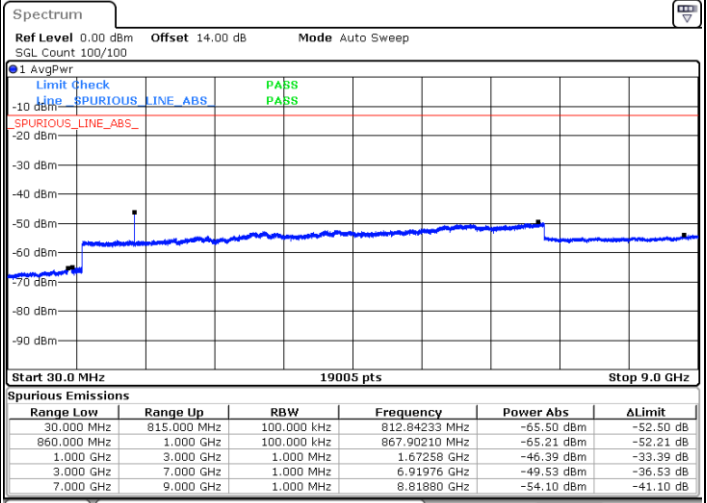
64QAM

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



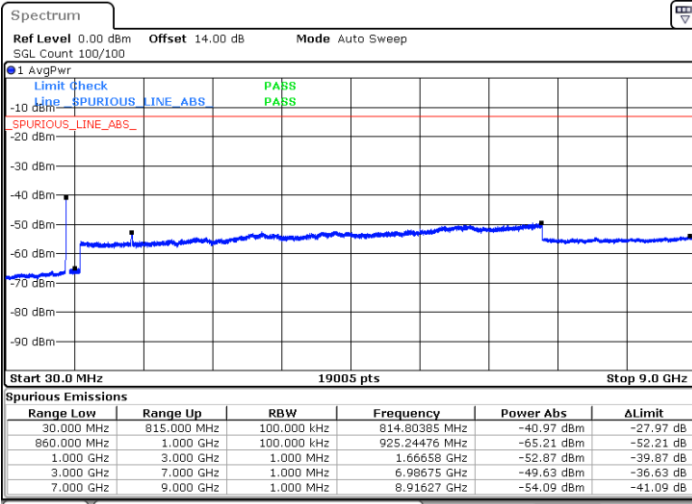
Date: 24.FEB.2021 11:17:42



Date: 24.FEB.2021 11:25:21

Middle Channel / FullIRB

N/A



Date: 24.FEB.2021 11:16:10

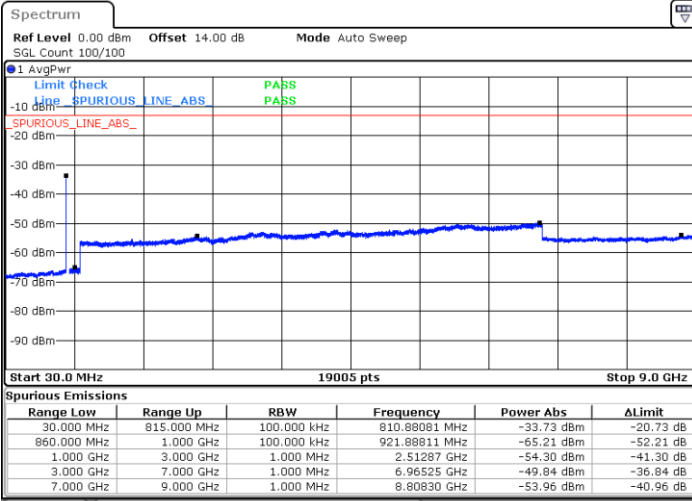


LTE Band 5B / 10MHz+10MHz

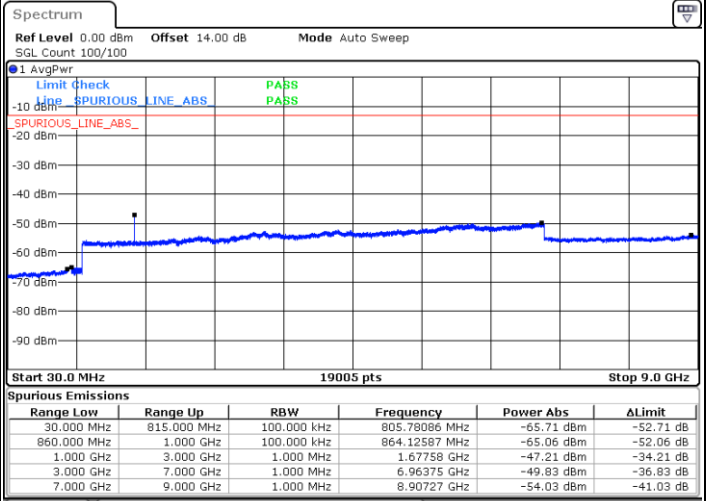
64QAM

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



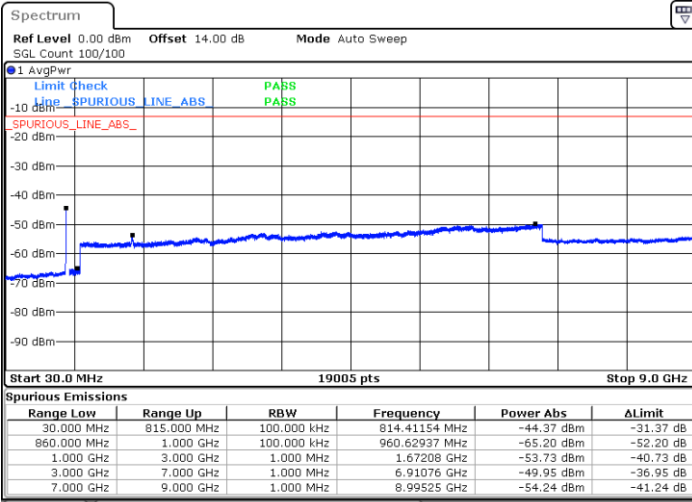
Date: 24.FEB.2021 11:54:23



Date: 24.FEB.2021 11:52:52

Highest Channel / FullIRB

N/A



Date: 25.FEB.2021 13:57:06



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Top Antenna:

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-66.26	-13	-53.26	-75.50	-69.49	3.98	9.36	H
	2109	-63.89	-13	-50.89	-75.13	-67.44	4.85	10.55	H
	2812	-61.64	-13	-48.64	-75.41	-66.57	5.50	12.58	H
	1406	-66.71	-13	-53.71	-75.84	-74.15	3.98	9.36	V
	2109	-63.39	-13	-50.39	-74.86	-75.80	4.85	10.55	V
	2812	-61.73	-13	-48.73	-75.43	-76.68	5.50	12.58	V

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

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-63.03	-42.15	-20.88	-72.36	-66.28	4.00	9.40	H
	2339.25	-51.61	-13	-38.61	-63.64	-55.18	4.88	10.60	H
	3119	-62.18	-13	-49.18	-76.85	-67.11	5.52	12.60	H
	1559.5	-62.31	-42.15	-20.16	-71.41	-65.56	4.00	9.40	V
	2339.25	-54.87	-13	-41.87	-66.91	-58.44	4.88	10.60	V
	3119	-62.42	-13	-49.42	-76.90	-67.35	5.52	12.60	V

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

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-64.45	-42.15	-22.30	-73.78	-67.70	4.00	9.40	H
	2339.25	-61.97	-13	-48.97	-74.00	-65.54	4.88	10.60	H
	3119	-62.44	-13	-49.44	-77.11	-67.37	5.52	12.60	H
	1559.5	-65.18	-42.15	-23.03	-74.28	-68.43	4.00	9.40	V
	2339.25	-62.26	-13	-49.26	-74.30	-65.83	4.88	10.60	V
	3119	-62.40	-13	-49.40	-76.88	-67.33	5.52	12.60	V

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



LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-60.72	-13	-47.72	-76.81	-67.47	5.85	12.60	H
	5620.5	-43.75	-13	-30.75	-63.44	-49.55	7.3	13.10	H
	7494	-56.38	-13	-43.38	-80.67	-59.53	8.35	11.50	H
	3747	-62.44	-13	-49.44	-78.13	-69.19	5.85	12.60	V
	5620.5	-53.58	-13	-40.58	-72.57	-59.38	7.3	13.10	V
	7494	-55.76	-13	-42.76	-80.44	-58.91	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-66.27	-13	-53.27	-74.26	-69.50	3.98	9.36	H
	2489.25	-63.85	-13	-50.85	-75.89	-67.40	4.85	10.55	H
	3319	-61.63	-13	-48.63	-76.30	-66.56	5.50	12.58	H
	1659.5	-66.05	-13	-53.05	-64.49	-74.15	3.98	9.36	V
	2489.25	-63.69	-13	-50.69	-66.08	-75.80	4.85	10.55	V
	3319	-62.05	-13	-49.05	-75.86	-76.68	5.50	12.58	V

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

LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1348	-66.44	-13	-53.44	-75.03	-69.69	4.00	9.40	H
	2022	-64.50	-13	-51.50	-74.79	-68.07	4.88	10.60	H
	2696	-62.38	-13	-49.38	-75.63	-67.31	5.52	12.60	H
	1348	-67.02	-13	-54.02	-75.54	-70.27	4.00	9.40	V
	2022	-64.68	-13	-51.68	-75.09	-68.25	4.88	10.60	V
	2696	-62.40	-13	-49.40	-75.54	-67.33	5.52	12.60	V

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



LTE Band 5B_CA / 10MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1681.74	-63.95	-13	-50.95	-73.72	-67.20	4.00	9.40	H
	2522.61	-61.33	-13	-48.33	-75.59	-64.90	4.88	10.60	H
	3363.48	-60.12	-13	-47.12	-76.61	-65.05	5.52	12.60	H
	1681.74	-64.35	-13	-51.35	-73.57	-67.60	4.00	9.40	V
	2522.61	-61.12	-13	-48.12	-75.33	-64.69	4.88	10.60	V
	3363.48	-60.57	-13	-47.57	-76.92	-65.50	5.52	12.60	V

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

Bottom Antenna:

LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-61.90	-13	-48.90	-71.14	-65.13	3.98	9.36	H
	2109	-61.42	-13	-48.42	-72.66	-64.97	4.85	10.55	H
	2812	-61.84	-13	-48.84	-75.61	-66.77	5.50	12.58	H
	1406	-64.77	-13	-51.77	-73.90	-68.00	3.98	9.36	V
	2109	-61.08	-13	-48.08	-72.55	-64.63	4.85	10.55	V
	2812	-62.16	-13	-49.16	-75.86	-67.09	5.50	12.58	V

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

LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-64.37	-42.15	-22.22	-73.70	-67.62	4.00	9.40	H
	2339.25	-59.20	-13	-46.20	-71.23	-62.77	4.88	10.60	H
	3119	-61.22	-13	-48.22	-75.89	-66.15	5.52	12.60	H
	1559.5	-64.92	-42.15	-22.77	-74.02	-68.17	4.00	9.40	V
	2339.25	-63.86	-13	-50.86	-75.90	-67.43	4.88	10.60	V
	3119	-61.27	-13	-48.27	-75.75	-66.20	5.52	12.60	V

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



LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1559.5	-64.52	-42.15	-22.37	-73.85	-67.77	4.00	9.40	H
	2339.25	-63.56	-13	-50.56	-75.59	-67.13	4.88	10.60	H
	3119	-61.10	-13	-48.10	-75.77	-66.03	5.52	12.60	H
	1559.5	-64.73	-42.15	-22.58	-73.83	-67.98	4.00	9.40	V
	2339.25	-63.73	-13	-50.73	-75.77	-67.30	4.88	10.60	V
	3119	-61.39	-13	-48.39	-75.87	-66.32	5.52	12.60	V

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

LTE Band 25 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-51.99	-13	-38.99	-68.08	-58.74	5.85	12.60	H
	5620.5	-53.14	-13	-40.14	-72.83	-58.94	7.3	13.10	H
	7494	-55.15	-13	-42.15	-79.44	-58.30	8.35	11.50	H
	3747	-55.89	-13	-42.89	-71.58	-62.64	5.85	12.60	V
	5620.5	-48.66	-13	-35.66	-67.65	-54.46	7.3	13.10	V
	7494	-54.72	-13	-41.72	-79.4	-57.87	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1659.5	-66.60	-13	-53.60	-74.59	-69.83	3.98	9.36	H
	2489.25	-63.61	-13	-50.61	-75.65	-67.16	4.85	10.55	H
	3319	-62.74	-13	-49.74	-77.41	-67.67	5.50	12.58	H
	1659.5	-66.40	-13	-53.40	-74.50	-69.63	3.98	9.36	V
	2489.25	-63.42	-13	-50.42	-75.53	-66.97	4.85	10.55	V
	3319	-62.99	-13	-49.99	-77.62	-67.92	5.50	12.58	V

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



LTE Band 71 / 20MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1348	-66.43	-13	-53.43	-75.02	-69.68	4.00	9.40	H
	2022	-64.22	-13	-51.22	-74.51	-67.79	4.88	10.60	H
	2696	-61.78	-13	-48.78	-75.03	-66.71	5.52	12.60	H
	1348	-66.36	-13	-53.36	-74.88	-69.61	4.00	9.40	V
	2022	-64.45	-13	-51.45	-74.86	-68.02	4.88	10.60	V
	2696	-61.89	-13	-48.89	-75.03	-66.82	5.52	12.60	V

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

LTE Band 5B_CA / 10MHz + 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1681.74	-63.97	-13	-50.97	-73.74	-67.22	4.00	9.40	H
	2522.61	-61.21	-13	-48.21	-75.47	-64.78	4.88	10.60	H
	3363.48	-60.46	-13	-47.46	-76.95	-65.39	5.52	12.60	H
	1681.74	-64.59	-13	-51.59	-73.81	-67.84	4.00	9.40	V
	2522.61	-61.58	-13	-48.58	-75.79	-65.15	4.88	10.60	V
	3363.48	-60.68	-13	-47.68	-77.03	-65.61	5.52	12.60	V

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