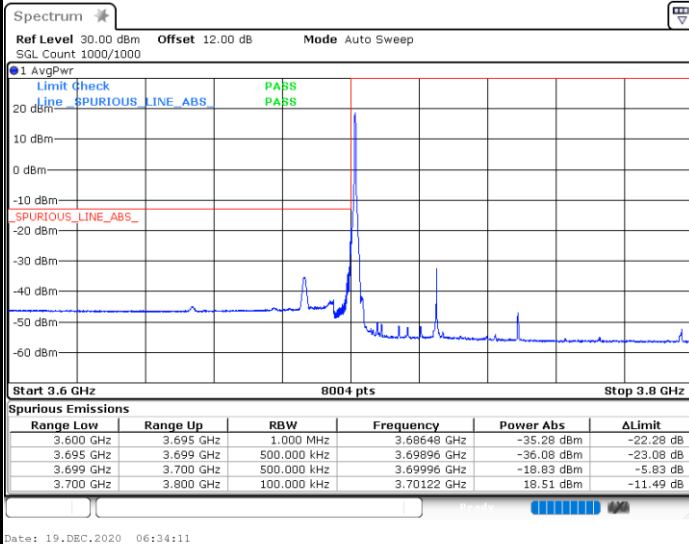




FR1 n77+7A / 50MHz / DFT-S OFDM BPSK

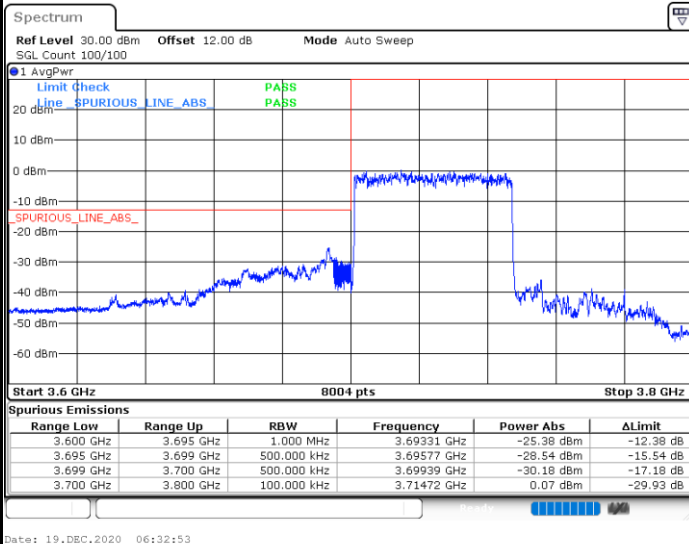
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

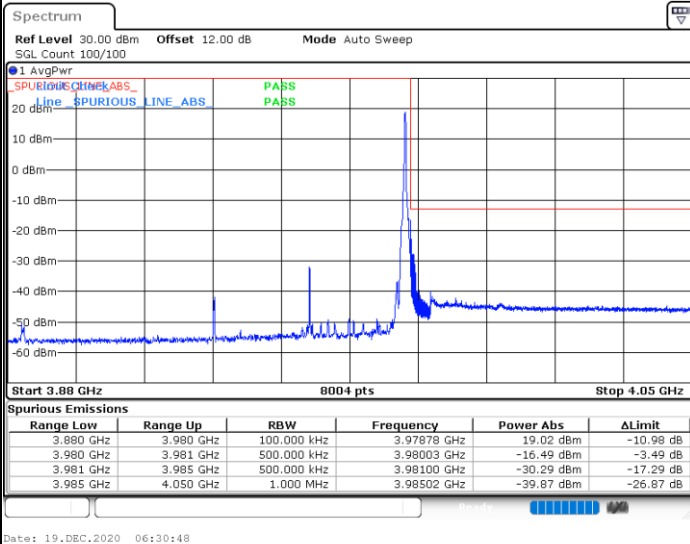




FR1 n77+7A / 50MHz / DFT-S OFDM BPSK

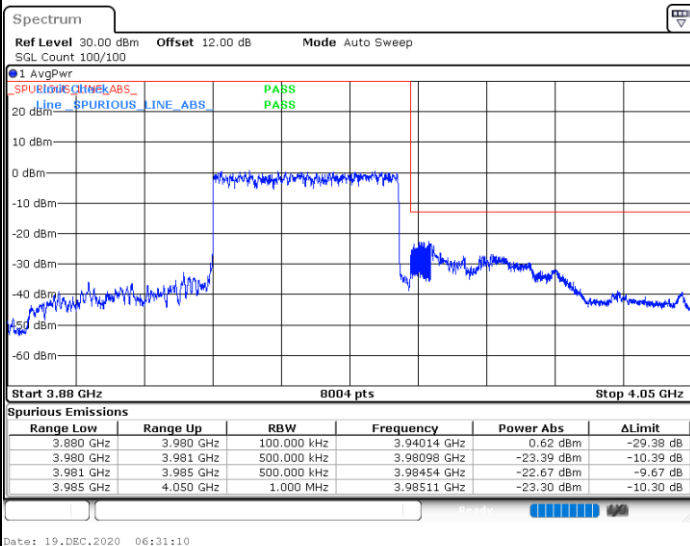
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

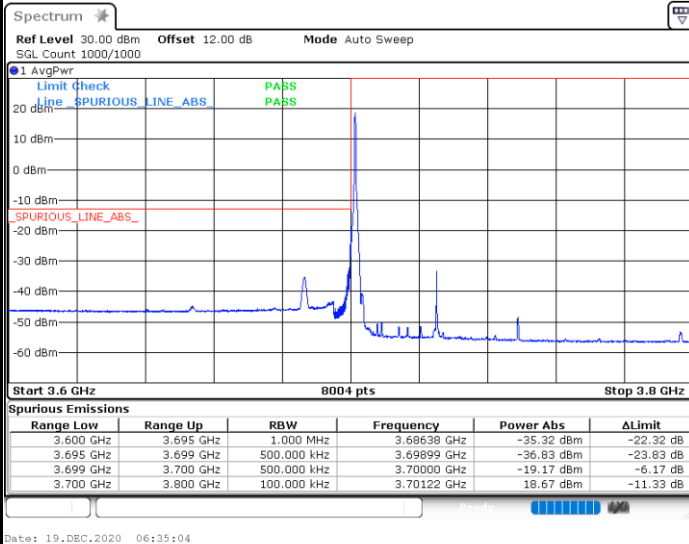




FR1 n77+7A / 50MHz / DFT-S OFDM QPSK

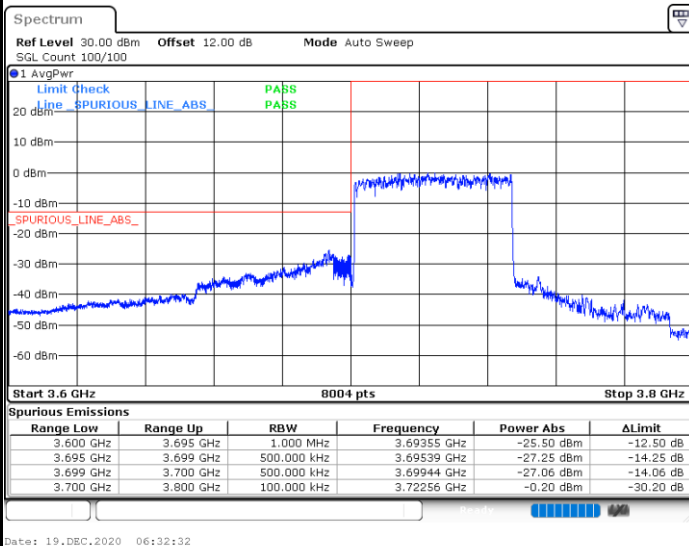
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

Channel Power < -13dBm Pass

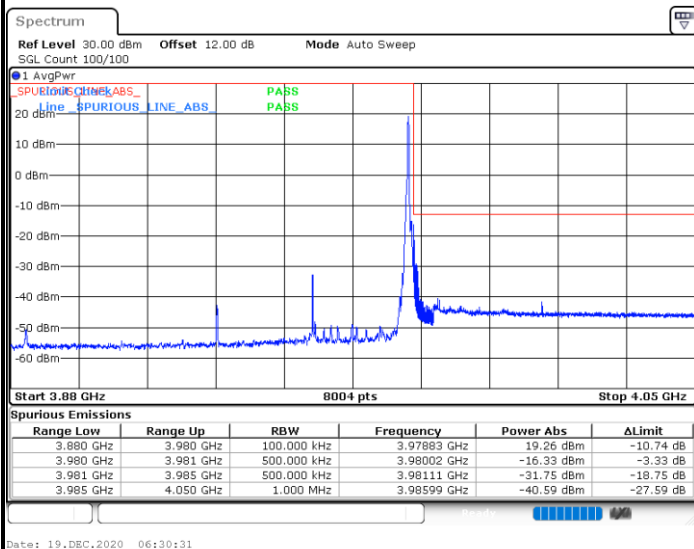




FR1 n77+7A / 50MHz / DFT-S OFDM QPSK

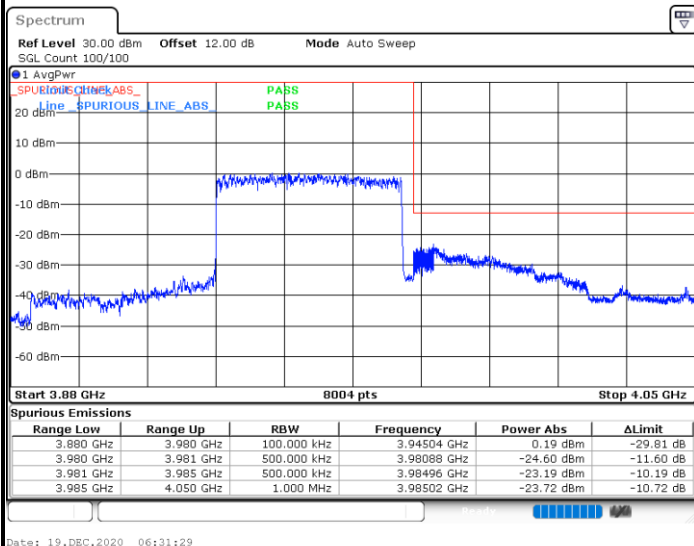
Highest Band Edge / 1 RB

Channel Power < -13dBm Pass



Highest Band Edge / Full RB

Channel Power < -13dBm Pass

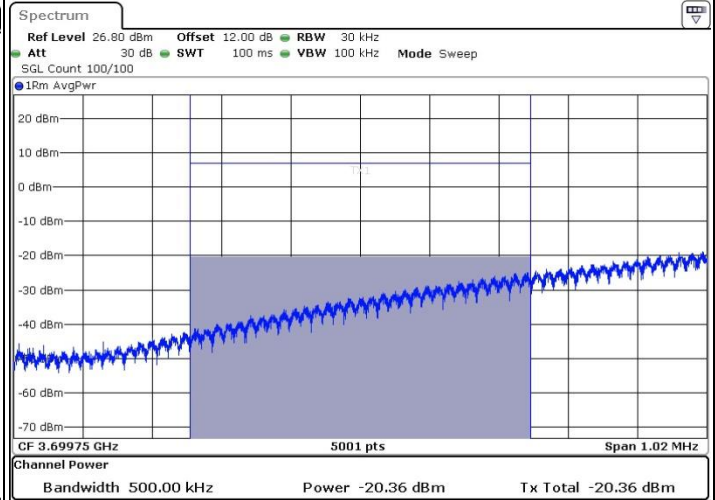
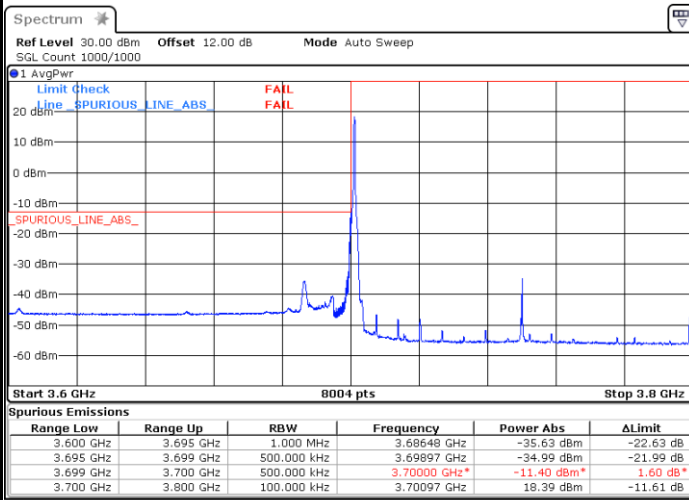




FR1 n77+7A / 100MHz / DFT-S OFDM BPSK

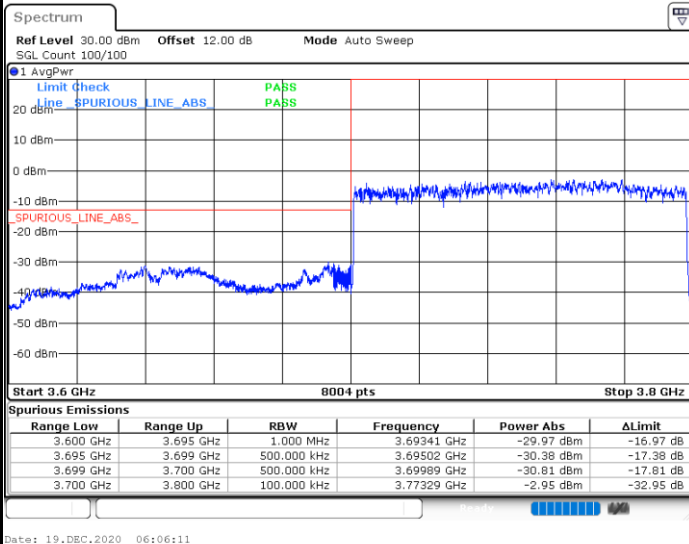
Lowest Band Edge / 1 RB

Channel Power < -13dBm Pass



Lowest Band Edge / Full RB

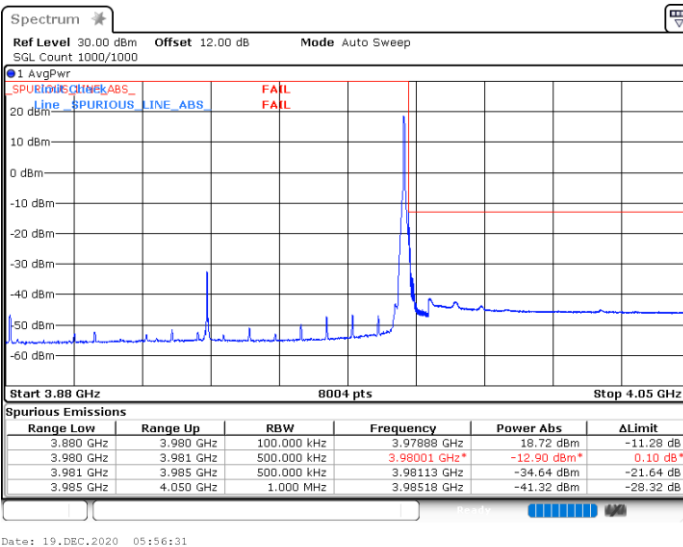
Channel Power < -13dBm Pass



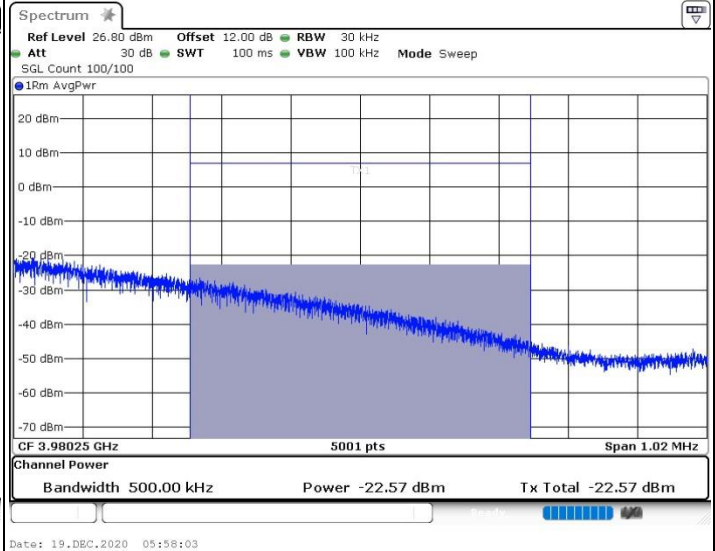


FR1 n77+7A / 100MHz / DFT-S OFDM BPSK

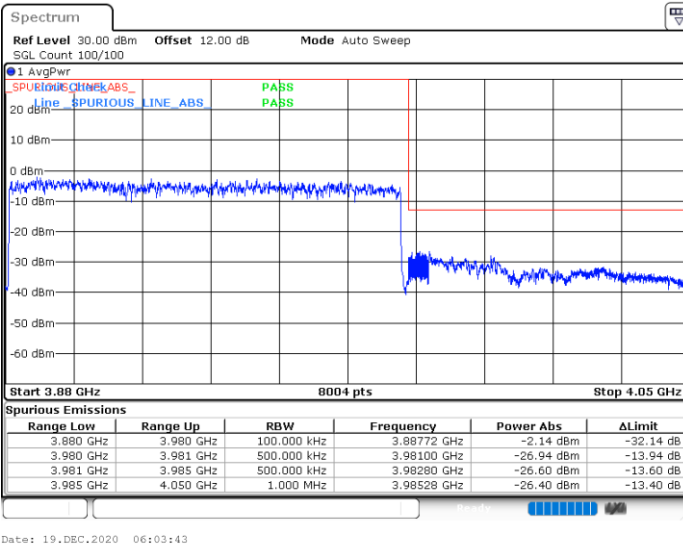
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass



Highest Band Edge / Full RB



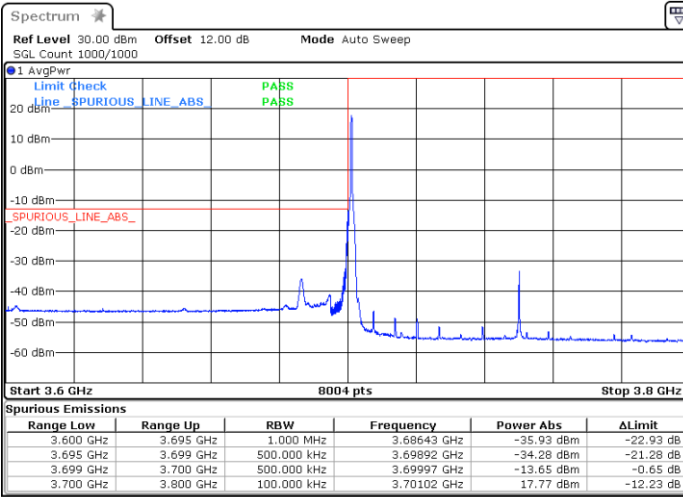
Channel Power < -13dBm Pass

/

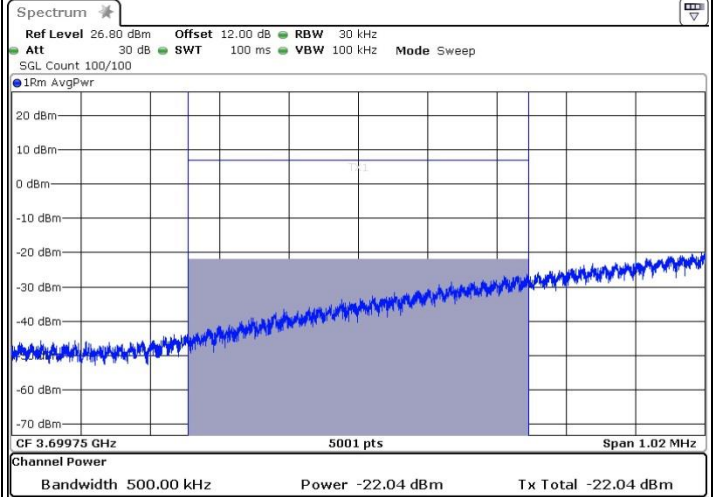


FR1 n77+7A / 100MHz / DFT-S OFDM QPSK

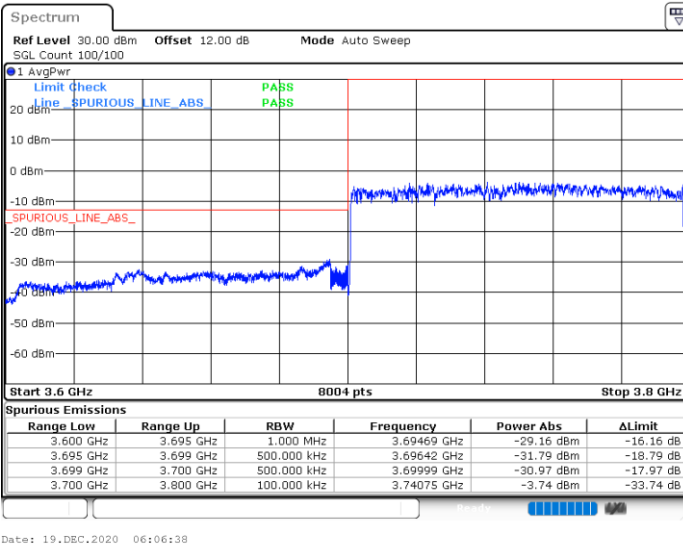
Lowest Band Edge / 1 RB



Channel Power < -13dBm Pass



Lowest Band Edge / Full RB



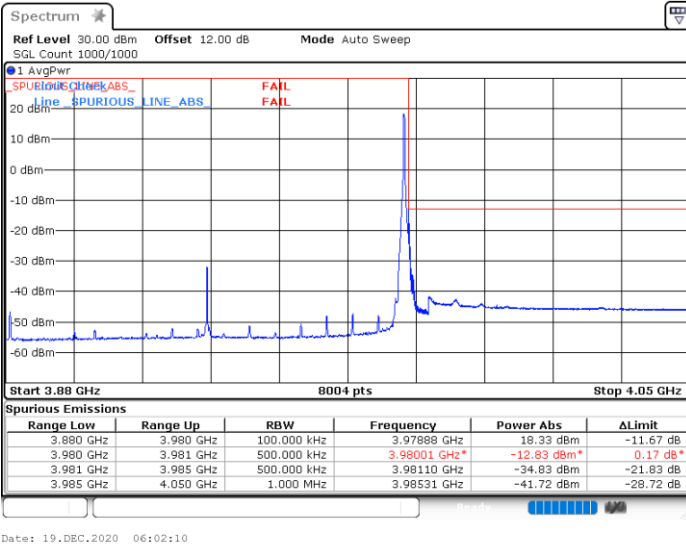
Channel Power < -13dBm Pass

/

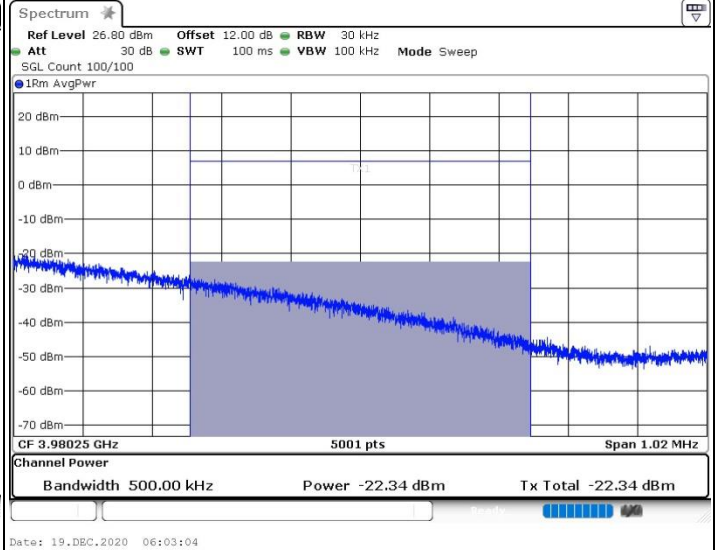


FR1 n77+7A / 100MHz / DFT-S OFDM QPSK

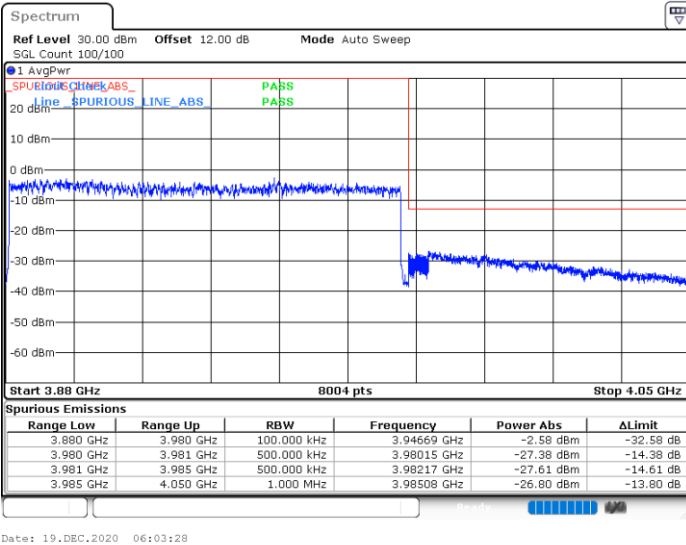
Highest Band Edge / 1 RB



Channel Power < -13dBm Pass



Highest Band Edge / Full RB



Channel Power < -13dBm Pass

/

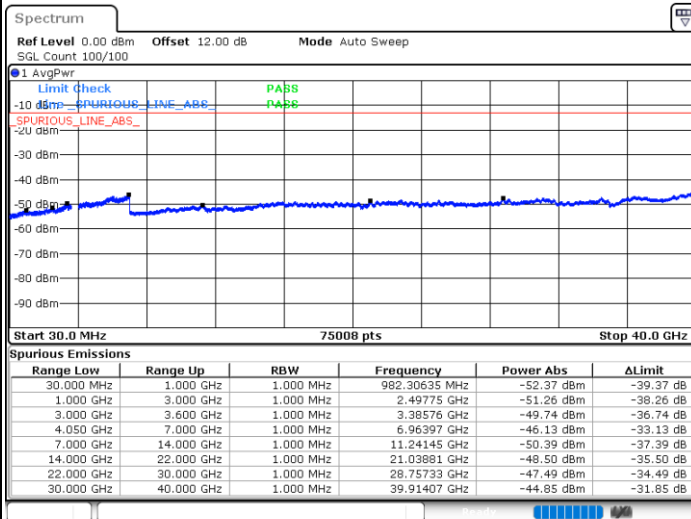


Conducted Spurious Emission

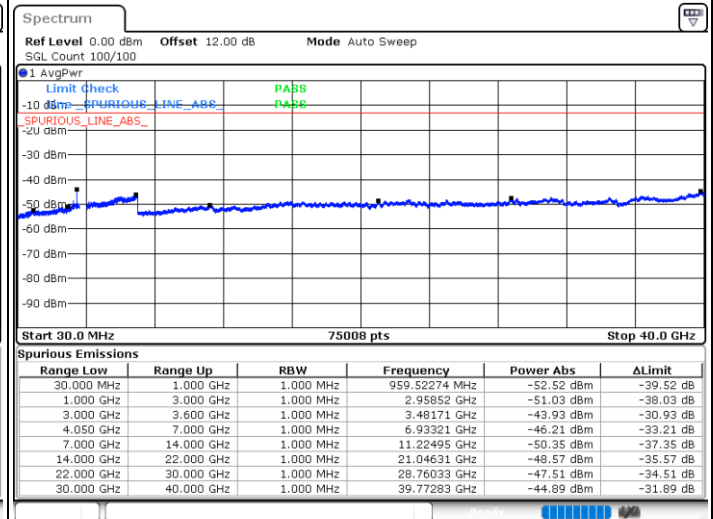
FR1 n77+7A / 20MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB

Middle Channel / 1RB

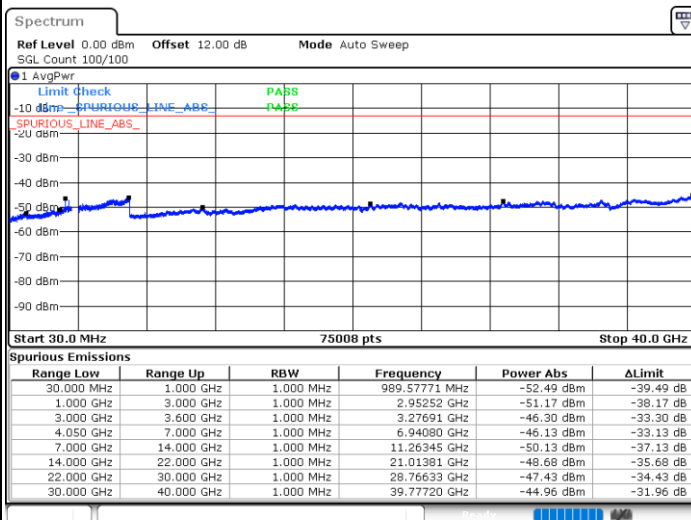


Date: 19.DEC.2020 06:40:09



Date: 19.DEC.2020 06:46:26

Highest Channel / 1RB



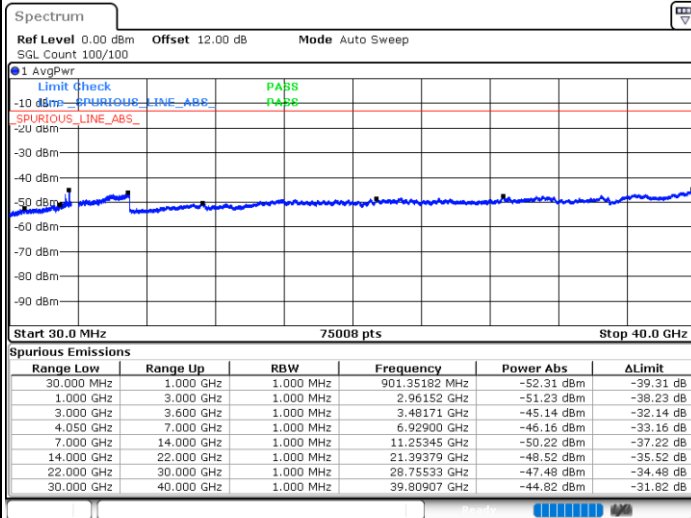
Date: 19.DEC.2020 06:50:10



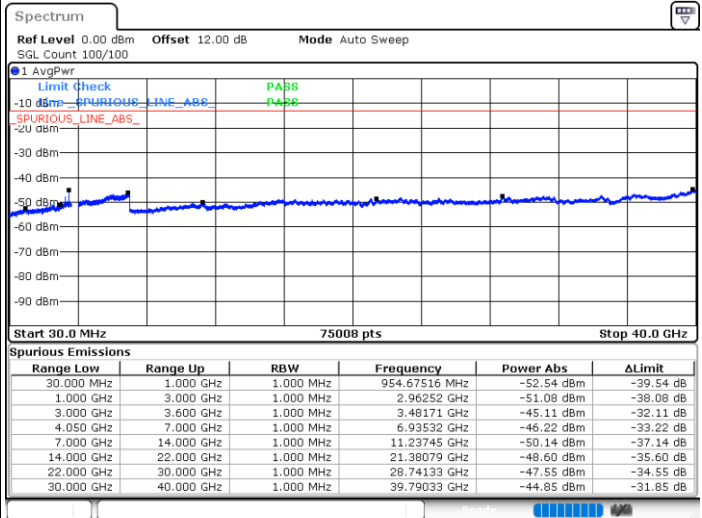
FR1 n77+7A / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

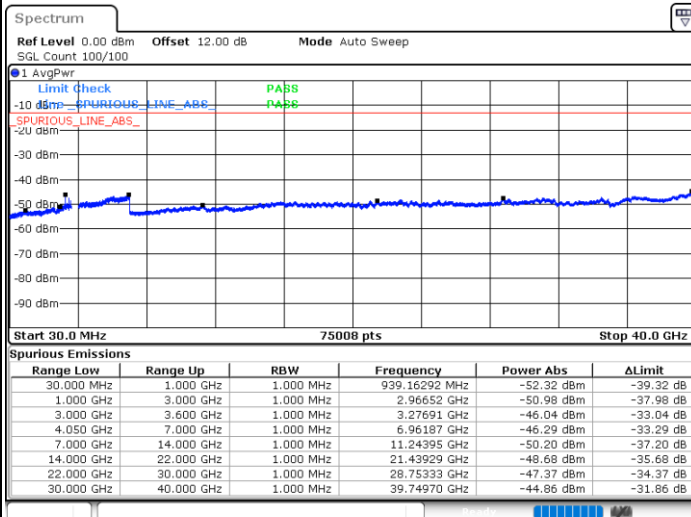


Date: 19.DEC.2020 06:43:06



Date: 19.DEC.2020 06:44:49

Highest Channel / 1RB

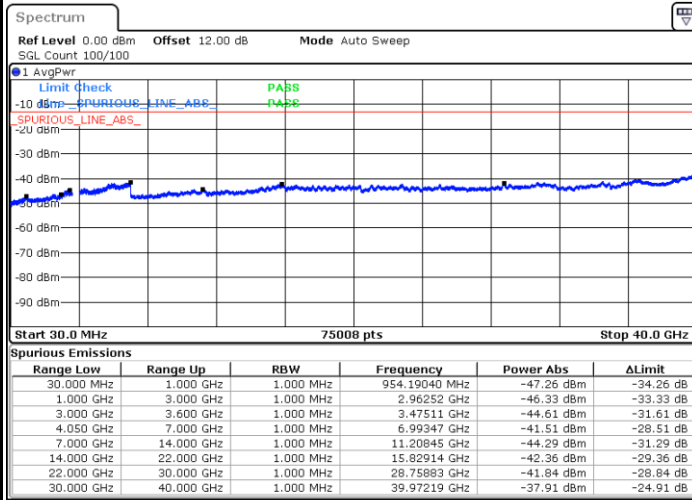


Date: 19.DEC.2020 06:51:48



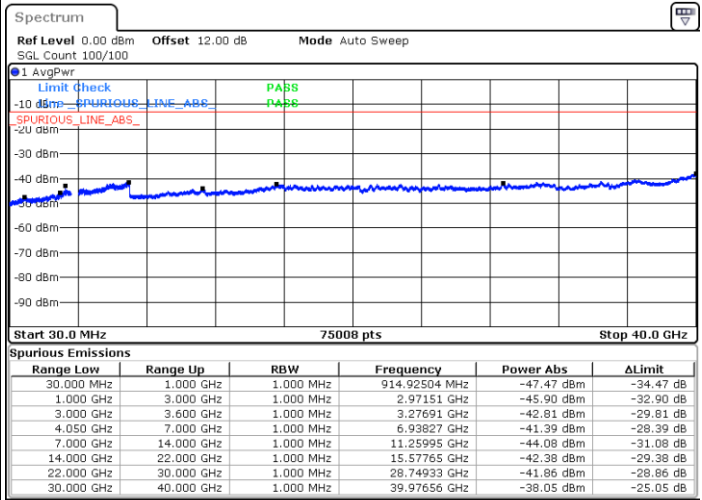
FR1 n77+7A / 50MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



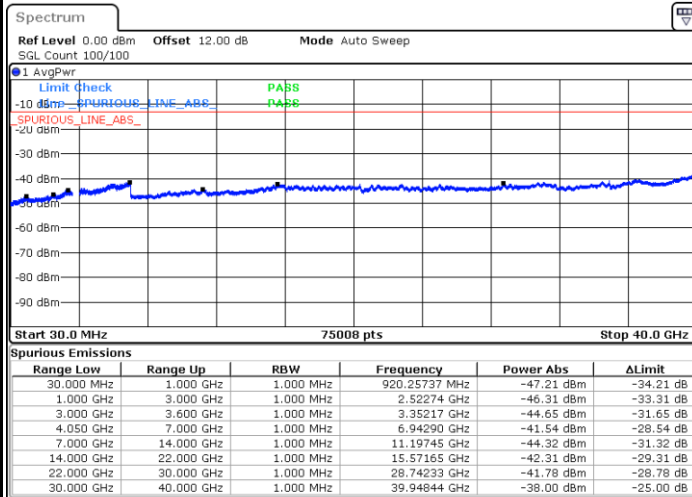
Date: 19.DEC.2020 06:20:20

Middle Channel / 1RB



Date: 19.DEC.2020 06:22:04

Highest Channel / 1RB



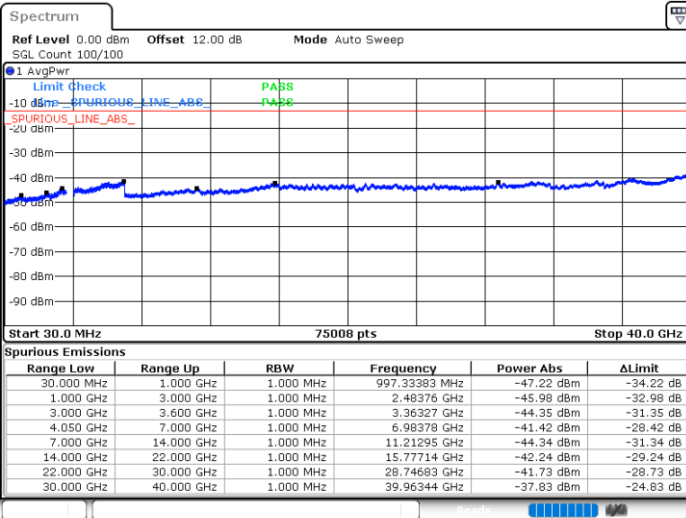
Date: 19.DEC.2020 06:29:53



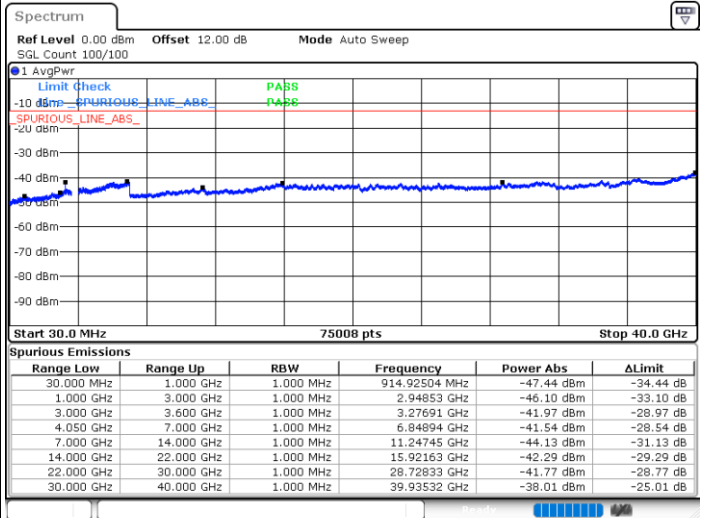
FR1 n77+7A / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB

Middle Channel / 1RB

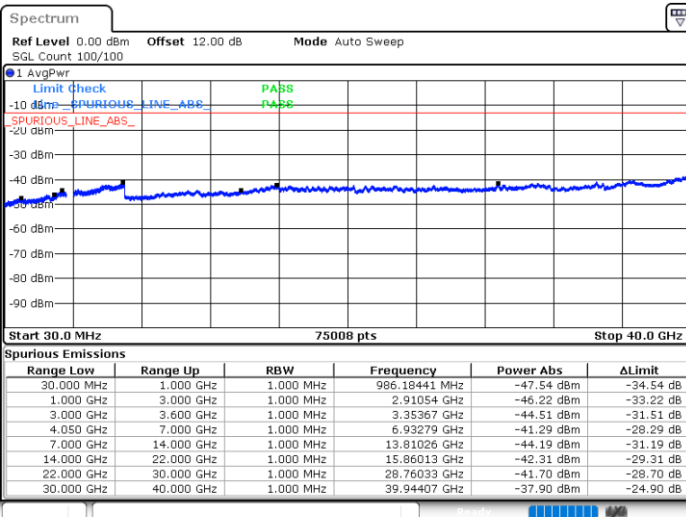


Date: 19.DEC.2020 06:16:48



Date: 19.DEC.2020 06:25:26

Highest Channel / 1RB

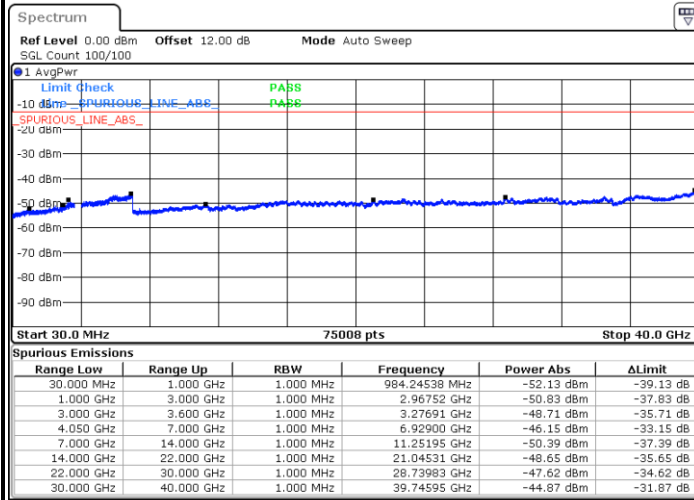


Date: 19.DEC.2020 06:28:21



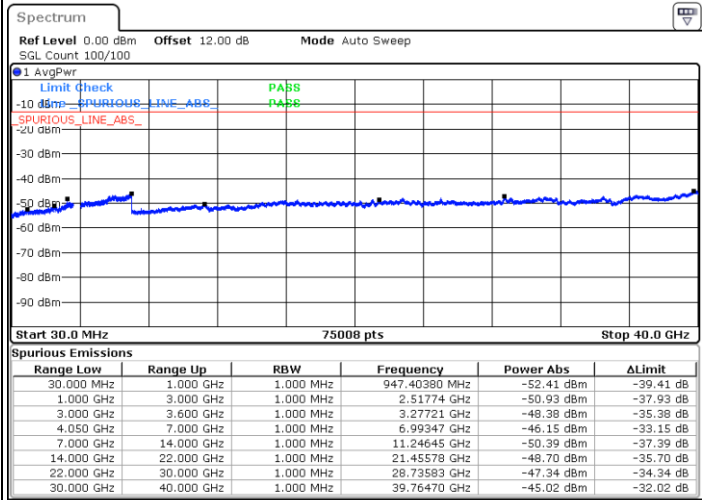
FR1 n77+7A / 100MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB



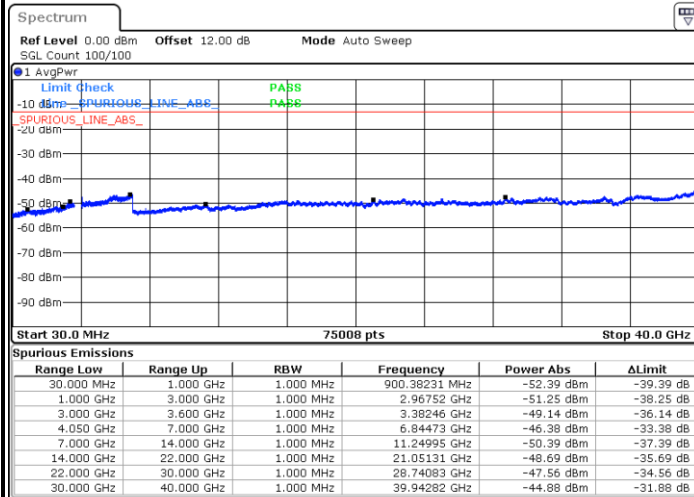
Date: 19.DEC.2020 05:07:22

Middle Channel / 1RB



Date: 19.DEC.2020 05:05:32

Highest Channel / 1RB

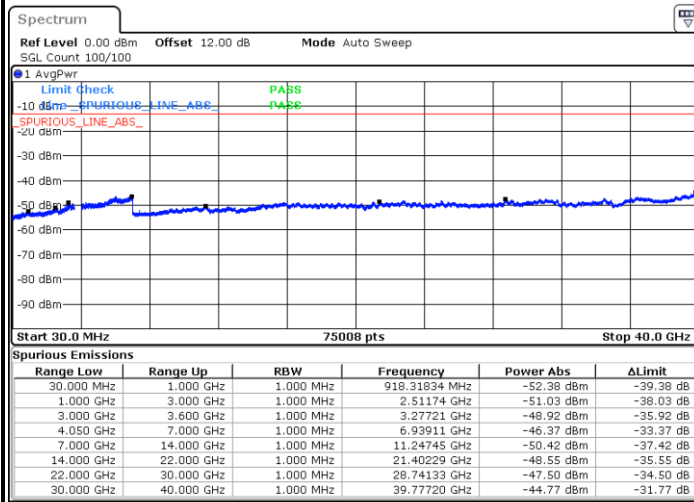


Date: 19.DEC.2020 05:13:19



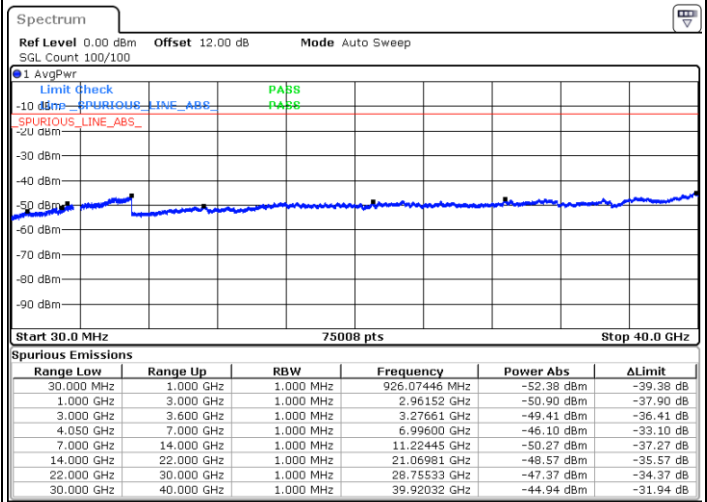
FR1 n77+7A / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB



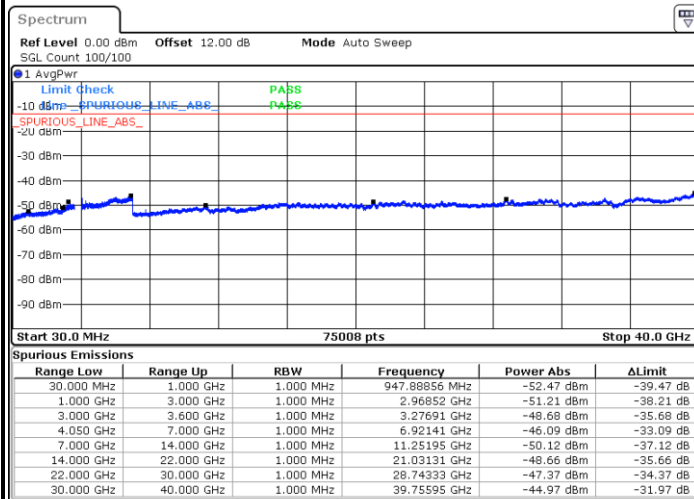
Date: 19.DEC.2020 05:09:38

Middle Channel / 1RB



Date: 19.DEC.2020 05:04:11

Highest Channel / 1RB



Date: 19.DEC.2020 05:11:48

Frequency Stability

Test Conditions		NR n77+7A (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Within Band
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0018	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Bottom Antenna:

5G NR n7 / NR 20MHz / QPSK DFT-s-OFDM									
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	5051.50	-56.28	-25	-31.28	-78.79	-61.84	7.12	12.68	H
	7577.25	-54.16	-25	-29.16	-79.84	-57.49	8.26	11.59	H
	10103.00	-51.65	-25	-26.65	-80.97	-53.18	10.45	11.98	H
	5051.50	-55.19	-25	-30.19	-79.03	-60.75	7.12	12.68	V
	7577.25	-54.01	-25	-29.01	-79.69	-57.34	8.26	11.59	V
	10103.00	-50.68	-25	-25.68	-80.93	-52.21	10.45	11.98	V
Middle	5051.50	-56.28	-25	-31.28	-78.79	-61.84	7.14	12.70	H
	7577.25	-54.16	-25	-29.16	-79.84	-57.46	8.30	11.60	H
	10103.00	-51.65	-25	-26.65	-80.97	-53.17	10.48	12.00	H
	5051.50	-55.19	-25	-30.19	-79.03	-60.75	7.14	12.70	V
	7577.25	-54.01	-25	-29.01	-79.69	-57.31	8.30	11.60	V
	10103.00	-50.68	-25	-25.68	-80.93	-52.20	10.48	12.00	V
Highest	5101.50	-55.87	-25	-30.87	-78.74	-61.43	7.16	12.72	H
	7652.25	-54.27	-25	-29.27	-79.74	-57.57	8.33	11.63	H
	10203.00	-51.37	-25	-26.37	-80.83	-52.97	10.50	12.10	H
	5101.50	-54.93	-25	-29.93	-78.78	-60.49	7.16	12.72	V
	7652.25	-52.98	-25	-27.98	-79.48	-56.28	8.33	11.63	V
	10203.00	-50.04	-25	-25.04	-80.77	-51.64	10.50	12.10	V

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



5G NR n41 / NR 100MHz / QPSK DFT-s-OFDM									
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	4994.80	-56.40	-25	-31.40	-78.55	-61.96	7.12	12.68	H
	7492.20	-53.12	-25	-28.12	-79.12	-56.45	8.26	11.59	H
	9989.60	-51.49	-25	-26.49	-80.68	-53.02	10.45	11.98	H
	4994.80	-54.91	-25	-29.91	-78.74	-60.47	7.12	12.68	V
	7492.20	-53.42	-25	-28.42	-79.41	-56.75	8.26	11.59	V
	9989.60	-50.97	-25	-25.97	-80.74	-52.50	10.45	11.98	V
Middle	5089.00	-56.19	-25	-31.19	-79.06	-61.75	7.14	12.70	H
	7633.50	-54.47	-25	-29.47	-79.99	-57.77	8.30	11.60	H
	10178.00	-51.74	-25	-26.74	-81.17	-53.26	10.48	12.00	H
	5089.00	-55.19	-25	-30.19	-79.04	-60.75	7.14	12.70	V
	7633.50	-53.75	-25	-28.75	-79.95	-57.05	8.30	11.60	V
	10178.00	-50.33	-25	-25.33	-80.98	-51.85	10.48	12.00	V
Highest	5182.80	-55.02	-25	-30.02	-78.50	-60.58	7.16	12.72	H
	7774.20	-54.02	-25	-29.02	-79.15	-57.32	8.33	11.63	H
	10365.60	-51.12	-25	-26.12	-80.79	-52.72	10.50	12.10	H
	5182.80	-54.96	-25	-29.96	-78.83	-60.52	7.16	12.72	V
	7774.20	-50.56	-25	-25.56	-79.12	-53.86	8.33	11.63	V
	10365.60	-49.29	-25	-24.29	-80.82	-50.89	10.50	12.10	V

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



5G NR n41 UL MIMO / NR 100MHz / QPSK DFT-s-OFDM									
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	4994.80	-60.34	-25	-35.34	-77.72	-65.90	7.12	12.68	H
	7492.20	-55.24	-25	-30.24	-77.60	-58.57	8.26	11.59	H
	9989.60	-53.06	-25	-28.06	-80.17	-54.59	10.45	11.98	H
	4994.80	-60.54	-25	-35.54	-77.84	-66.10	7.12	12.68	V
	7492.20	-55.48	-25	-30.48	-77.76	-58.81	8.26	11.59	V
	9989.60	-53.61	-25	-28.61	-80.13	-55.14	10.45	11.98	V
Middle	5089.00	-60.09	-25	-35.09	-77.54	-65.65	7.14	12.70	H
	7633.50	-55.62	-25	-30.62	-77.88	-58.92	8.30	11.60	H
	10178.00	-52.85	-25	-27.85	-79.91	-54.37	10.48	12.00	H
	5089.00	-60.40	-25	-35.40	-77.78	-65.96	7.14	12.70	V
	7633.50	-55.84	-25	-30.84	-77.91	-59.14	8.30	11.60	V
	10178.00	-52.82	-25	-27.82	-79.47	-54.34	10.48	12.00	V
Highest	5182.80	-59.97	-25	-34.97	-77.51	-65.53	7.16	12.72	H
	7774.20	-54.89	-25	-29.89	-77.64	-58.19	8.33	11.63	H
	10365.60	-52.72	-25	-27.72	-79.72	-54.32	10.50	12.10	H
	5182.80	-60.48	-25	-35.48	-77.97	-66.04	7.16	12.72	V
	7774.20	-54.78	-25	-29.78	-77.52	-58.08	8.33	11.63	V
	10365.60	-53.11	-25	-28.11	-79.91	-54.71	10.50	12.10	V

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



5G NR n71 / NR 20MHz / QPSK DFT-s-OFDM									
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	1327	-63.53	-13	-50.53	-74.03	-66.76	3.98	9.36	H
	1990.5	-59.93	-13	-46.93	-76.58	-63.48	4.85	10.55	H
	2654	-57.42	-13	-44.42	-76.64	-62.35	5.50	12.58	H
	1327	-62.35	-13	-49.35	-73.78	-65.58	3.98	9.36	V
	1990.5	-59.69	-13	-46.69	-76.29	-63.24	4.85	10.55	V
	2654	-56.73	-13	-43.73	-76.33	-61.66	5.50	12.58	V
Middle	1342	-63.07	-13	-50.07	-73.56	-66.32	4.00	9.40	H
	2013	-59.29	-13	-46.29	-76.31	-62.86	4.88	10.60	H
	2684	-57.31	-13	-44.31	-76.49	-62.24	5.52	12.60	H
	1342	-62.57	-13	-49.57	-74.01	-65.82	4.00	9.40	V
	2013	-59.24	-13	-46.24	-76.15	-62.81	4.88	10.60	V
	2684	-56.79	-13	-43.79	-76.43	-61.72	5.52	12.60	V
Highest	1357	-63.70	-13	-50.70	-74.29	-66.87	4.10	9.42	H
	2035.5	-59.33	-13	-46.33	-76.44	-62.91	4.90	10.63	H
	2714	-57.29	-13	-44.29	-76.42	-62.21	5.55	12.62	H
	1357	-62.57	-13	-49.57	-74.14	-65.74	4.10	9.42	V
	2035.5	-59.38	-13	-46.38	-76.36	-62.96	4.90	10.63	V
	2714	-56.71	-13	-43.71	-76.39	-61.63	5.55	12.62	V

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



EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM									
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)
NR n41 Lowest	4994.80	-59.31	-25	-34.31	-76.69	-64.87	7.12	12.68	H
	7484.36	-55.21	-25	-30.21	-77.62	-58.54	8.26	11.59	H
	9989.60	-52.12	-25	-27.12	-79.23	-53.65	10.45	11.98	H
	4994.80	-59.90	-25	-34.90	-77.2	-65.46	7.12	12.68	V
	7484.36	-55.55	-25	-30.55	-77.89	-58.88	8.26	11.59	V
	9989.60	-53.14	-25	-28.14	-79.66	-54.67	10.45	11.98	V
LTE Band2 Lowest	3742.18	-61.40	-25	-36.40	-76.03	-68.15	5.85	12.60	H
	5613.27	-60.41	-25	-35.41	-78.13	-66.21	7.30	13.10	H
	7492.2	-55.27	-25	-30.27	-77.63	-58.42	8.35	11.50	H
	3742.18	-61.16	-25	-36.16	-76	-67.91	5.85	12.60	V
	5613.27	-60.58	-25	-35.58	-78.21	-66.38	7.30	13.10	V
	7492.2	-55.55	-25	-30.55	-77.83	-58.70	8.35	11.50	V
NR n41 Middle	5089.00	-59.66	-25	-34.66	-77.11	-65.22	7.14	12.70	H
	7484.36	-54.46	-25	-29.46	-76.87	-57.76	8.30	11.60	H
	10178.00	-52.11	-25	-27.11	-79.17	-53.63	10.48	12.00	H
	5089.00	-59.68	-25	-34.68	-77.06	-65.24	7.14	12.70	V
	7484.36	-55.28	-25	-30.28	-77.62	-58.58	8.30	11.60	V
	10178.00	-52.80	-25	-27.80	-79.45	-54.32	10.48	12.00	V
LTE Band2 Middle	3742.18	-61.17	-25	-36.17	-75.80	-67.92	5.85	12.60	H
	5613.27	-60.32	-25	-35.32	-78.04	-66.12	7.30	13.10	H
	7633.50	-55.71	-25	-30.71	-77.97	-58.86	8.35	11.50	H
	3742.18	-61.28	-25	-36.28	-76.12	-68.03	5.85	12.60	V
	5613.27	-60.54	-25	-35.54	-78.17	-66.34	7.30	13.10	V
	7633.50	-55.88	-25	-30.88	-77.95	-59.03	8.35	11.50	V
NR n41 Highest	5182.80	-59.84	-25	-34.84	-77.38	-65.40	7.16	12.72	H
	7484.36	-55.00	-25	-30.00	-77.41	-58.30	8.33	11.63	H
	10365.60	-52.27	-25	-27.27	-79.27	-53.87	10.50	12.10	H
	5182.80	-59.87	-25	-34.87	-77.36	-65.43	7.16	12.72	V
	7484.36	-55.15	-25	-30.15	-77.49	-58.45	8.33	11.63	V
	10365.60	-52.71	-25	-27.71	-79.51	-54.31	10.50	12.10	V
LTE Band2 Highest	3742.18	-61.31	-25	-36.31	-75.94	-68.06	5.85	12.60	H
	5613.27	-60.31	-25	-35.31	-78.03	-66.11	7.30	13.10	H
	7774.2	-54.66	-25	-29.66	-77.41	-57.81	8.35	11.50	H
	3742.18	-61.38	-25	-36.38	-76.22	-68.13	5.85	12.60	V
	5613.27	-60.56	-25	-35.56	-78.19	-66.36	7.30	13.10	V
	7774.2	-54.49	-25	-29.49	-77.23	-57.64	8.35	11.50	V

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



EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / QPSK DFT-s-OFDM									
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)
NR n71 Lowest	1327.56	-65.23	-13	-52.23	-72.03	-70.61	3.98	9.36	H
	1991.34	-66.32	-13	-53.32	-74.13	-72.02	4.85	10.55	H
	2655.12	-64.73	-13	-51.73	-75.54	-71.81	5.50	12.58	H
	1327.56	-65.42	-13	-52.42	-72.14	-70.80	3.98	9.36	V
	1991.34	-66.45	-13	-53.45	-74.67	-72.15	4.85	10.55	V
	2655.12	-65.10	-13	-52.10	-76.23	-72.18	5.50	12.58	V
LTE Band2 Lowest	3742.18	-62.09	-13	-49.09	-76.72	-68.84	5.85	12.60	H
	5613.27	-60.38	-13	-47.38	-78.10	-66.18	7.30	13.10	H
	7484.36	-55.22	-13	-42.22	-77.63	-58.37	8.35	11.50	H
	3742.18	-61.99	-13	-48.99	-76.83	-68.74	5.85	12.60	V
	5613.27	-60.59	-13	-47.59	-78.22	-66.39	7.30	13.10	V
	7484.36	-55.64	-13	-42.64	-77.98	-58.79	8.35	11.50	V
NR n71 Middle	1343.36	-64.96	-13	-51.96	-71.99	-70.36	4.00	9.40	H
	2015.04	-66.22	-13	-53.22	-74.34	-71.94	4.88	10.60	H
	2686.72	-64.63	-13	-51.63	-75.69	-71.71	5.52	12.60	H
	1343.36	-65.04	-13	-52.04	-72.02	-70.44	4.00	9.40	V
	2015.04	-66.32	-13	-53.32	-74.86	-72.04	4.88	10.60	V
	2686.72	-64.46	-13	-51.46	-75.83	-71.54	5.52	12.60	V
LTE Band2 Middle	3742.18	-61.72	-13	-48.72	-76.35	-68.47	5.85	12.60	H
	5613.27	-60.69	-13	-47.69	-78.41	-66.49	7.30	13.10	H
	7484.36	-55.26	-13	-42.26	-77.67	-58.41	8.35	11.50	H
	3742.18	-61.50	-13	-48.50	-76.34	-68.25	5.85	12.60	V
	5613.27	-60.63	-13	-47.63	-78.26	-66.43	7.30	13.10	V
	7484.36	-55.58	-13	-42.58	-77.92	-58.73	8.35	11.50	V
NR n71 Highest	1358.00	-64.59	-13	-51.59	-71.93	-69.91	4.10	9.42	H
	2037.00	-64.70	-13	-51.70	-73.20	-70.43	4.90	10.63	H
	2716.00	-63.21	-13	-50.21	-74.52	-70.28	5.55	12.62	H
	1358.00	-64.59	-13	-51.59	-71.91	-69.91	4.10	9.42	V
	2037.00	-65.19	-13	-52.19	-74.1	-70.92	4.90	10.63	V
	2716.00	-63.80	-13	-50.80	-75.39	-70.87	5.55	12.62	V
LTE Band2 Highest	3742.18	-62.17	-13	-49.17	-76.80	-68.92	5.85	12.60	H
	5613.27	-60.62	-13	-47.62	-78.34	-66.42	7.30	13.10	H
	7484.36	-55.41	-13	-42.41	-77.82	-58.56	8.35	11.50	H
	3742.18	-61.98	-13	-48.98	-76.82	-68.73	5.85	12.60	V
	5613.27	-60.72	-13	-47.72	-78.35	-66.52	7.30	13.10	V
	7484.36	-55.45	-13	-42.45	-77.79	-58.60	8.35	11.50	V

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



Top Antenna:

5G NR n77 / NR 100MHz / QPSK DFT-s-OFDM									
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	6602.60	-55.71	-13	-42.71	-62.79	-59.04	8.25	11.58	H
	9903.90	-54.59	-13	-41.59	-65.60	-56.14	10.45	12.00	H
	13203.00	-51.47	-13	-38.47	-67.73	-53.18	11.74	13.45	H
	6602.60	-53.60	-13	-40.60	-62.97	-56.93	8.25	11.58	V
	9903.90	-53.93	-13	-40.93	-65.87	-55.48	10.45	12.00	V
	13205.20	-53.69	-13	-40.69	-68.02	-55.40	11.74	13.45	V
Middle	7402.60	-55.48	-13	-42.48	-63.89	-58.78	8.30	11.60	H
	11103.90	-52.33	-13	-39.33	-66.17	-53.85	10.48	12.00	H
	14805.20	-52.74	-13	-39.74	-68.36	-54.44	11.80	13.50	H
	7402.60	-55.60	-13	-42.60	-63.98	-58.90	8.30	11.60	V
	11103.90	-50.38	-13	-37.38	-66.15	-51.90	10.48	12.00	V
	14805.20	-52.39	-13	-39.39	-68.29	-54.09	11.80	13.50	V
Highest	8202.80	-55.76	-13	-42.76	-64.00	-59.08	8.30	11.62	H
	12304.20	-51.16	-13	-38.16	-67.32	-52.84	10.52	12.20	H
	16405.60	-48.45	-13	-35.45	-68.21	-50.15	11.85	13.55	H
	8202.80	-52.92	-13	-39.92	-64.31	-56.24	8.30	11.62	V
	12304.20	-49.70	-13	-36.70	-67.18	-51.38	10.52	12.20	V
	16405.60	-50.31	-13	-37.31	-68.05	-52.01	11.85	13.55	V

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



EN-DC_7A_n77A / LTE 20MHz + NR 100MHz / QPSK DFT-s-OFDM									
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)
NR n77 Lowest	6602.70	-59.99	-13	-46.99	-54.54	-63.32	8.25	11.58	H
	9904.05	-54.27	-13	-41.27	-55.08	-55.82	10.45	12.00	H
	13205.40	-51.93	-13	-38.93	-57.56	-53.64	11.74	13.45	H
	6602.70	-60.15	-13	-47.15	-54.5	-63.48	8.25	11.58	V
	9904.05	-54.87	-13	-41.87	-55.19	-56.42	10.45	12.00	V
	13205.40	-51.86	-13	-38.86	-57.78	-53.57	11.74	13.45	V
LTE Band7 Lowest	5052.18	-61.90	-13	-48.90	-54.40	-67.46	7.14	12.70	H
	7578.27	-57.93	-13	-44.93	-54.81	-61.23	8.30	11.60	H
	10104.36	-54.46	-13	-41.46	-55.46	-55.98	10.48	12.00	H
	5052.18	-62.05	-13	-49.05	-54.48	-67.61	7.14	12.70	V
	7578.27	-58.05	-13	-45.05	-54.73	-61.35	8.30	11.60	V
	10104.36	-54.99	-13	-41.99	-55.5	-56.51	10.48	12.00	V
NR n77 Middle	7402.60	-56.94	-13	-43.94	-54.39	-60.24	8.30	11.60	H
	11103.90	-52.45	-13	-39.45	-56.87	-53.97	10.48	12.00	H
	14805.20	-50.53	-13	-37.53	-57.11	-52.23	11.80	13.50	H
	7402.60	-57.01	-13	-44.01	-54.51	-60.31	8.30	11.60	V
	11103.90	-53.08	-13	-40.08	-57.2	-54.60	10.48	12.00	V
	14805.20	-50.60	-13	-37.60	-57.37	-52.30	11.80	13.50	V
LTE Band7 Middle	5052.18	-61.83	-13	-48.83	-54.33	-67.39	7.14	12.70	H
	7578.27	-58.02	-13	-45.02	-54.90	-61.32	8.30	11.60	H
	10104.36	-54.78	-13	-41.78	-55.78	-56.30	10.48	12.00	H
	5052.18	-61.84	-13	-48.84	-54.27	-67.40	7.14	12.70	V
	7578.27	-57.96	-13	-44.96	-54.64	-61.26	8.30	11.60	V
	10104.36	-55.05	-13	-42.05	-55.56	-56.57	10.48	12.00	V
NR n77 Highest	8203.30	-58.14	-13	-45.14	-55.12	-61.46	8.30	11.62	H
	12304.95	-54.22	-13	-41.22	-57.79	-55.90	10.52	12.20	H
	16406.60	-52.55	-13	-39.55	-56.97	-54.25	11.85	13.55	H
	8203.30	-58.10	-13	-45.10	-55.14	-61.42	8.30	11.62	V
	12304.95	-53.77	-13	-40.77	-57.85	-55.45	10.52	12.20	V
	16406.60	-49.94	-13	-36.94	-57.08	-51.64	11.85	13.55	V
LTE Band7 Highest	5052.18	-61.83	-13	-48.83	-54.33	-67.39	7.14	12.70	H
	7578.27	-57.86	-13	-44.86	-54.74	-61.16	8.30	11.60	H
	10104.36	-54.61	-13	-41.61	-55.61	-56.13	10.48	12.00	H
	5052.18	-61.67	-13	-48.67	-54.1	-67.23	7.14	12.70	V
	7578.27	-58.09	-13	-45.09	-54.77	-61.39	8.30	11.60	V
	10104.36	-55.21	-13	-42.21	-55.72	-56.73	10.48	12.00	V

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