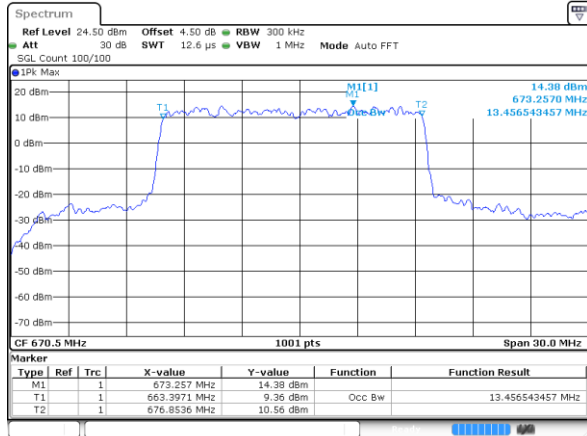




5G NR n71 / 15MHz / DFT-S OFDM

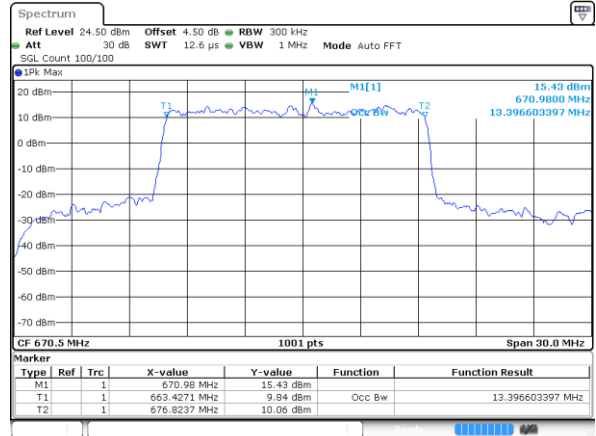
64QAM

Lowest Channel

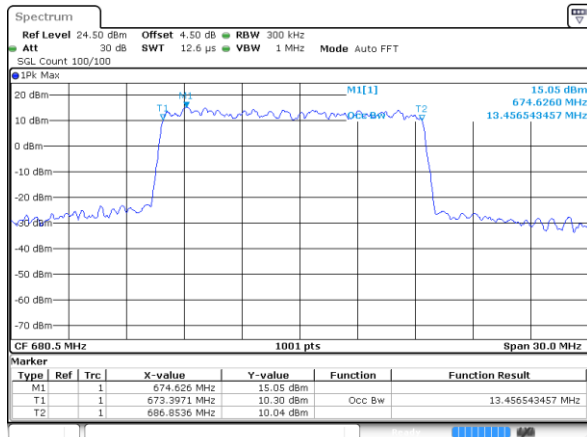


256QAM

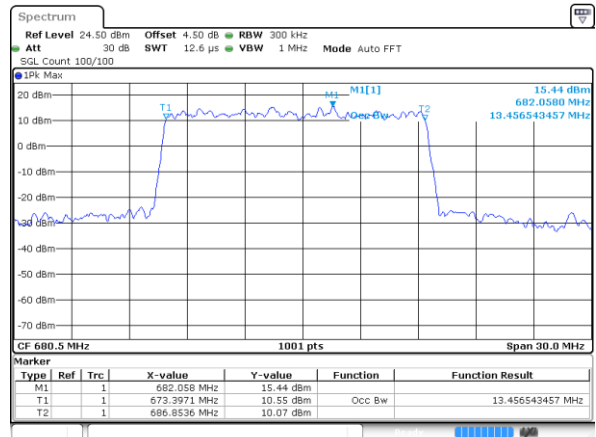
Lowest Channel



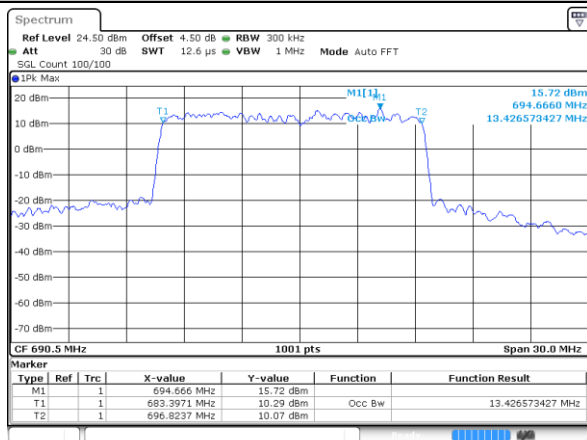
Middle Channel



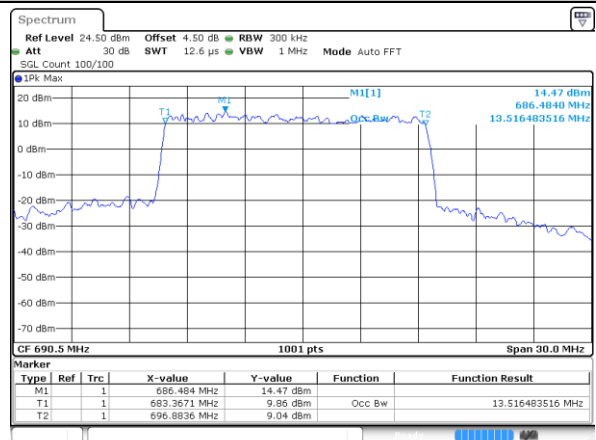
Middle Channel



Highest Channel



Highest Channel

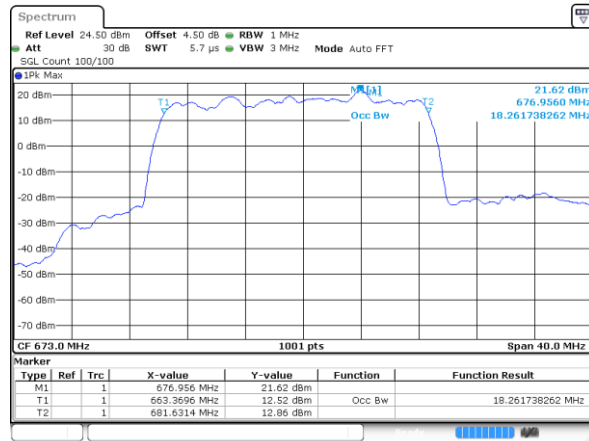




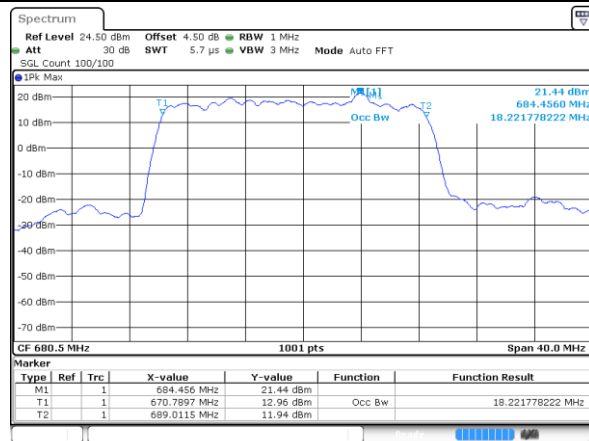
5G NR n71 / 20MHz / DFT-S OFDM

PI/2 BPSK

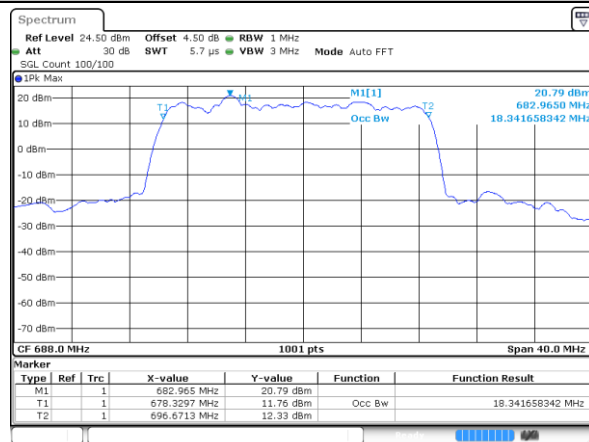
Lowest Channel



Middle Channel



Highest Channel

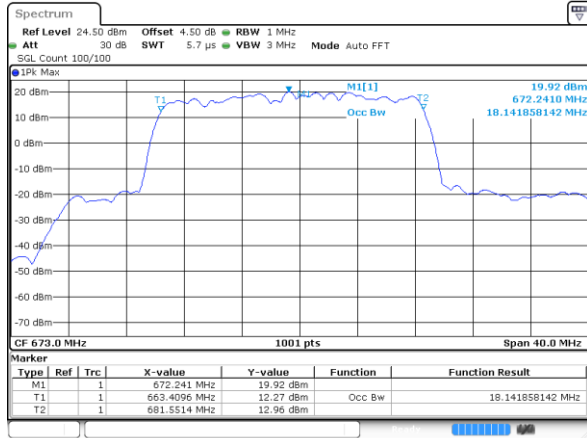




5G NR n71 / 20MHz / DFT-S OFDM

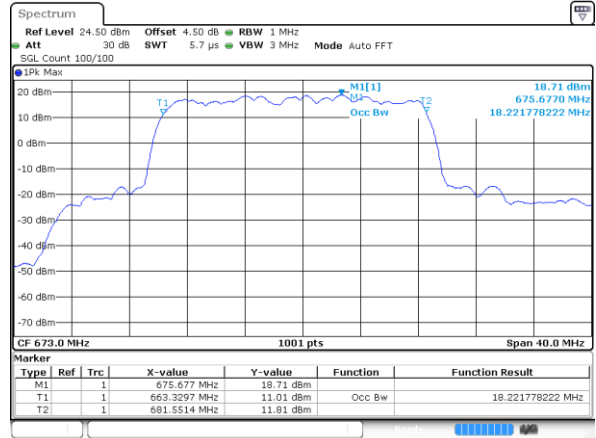
QPSK

Lowest Channel

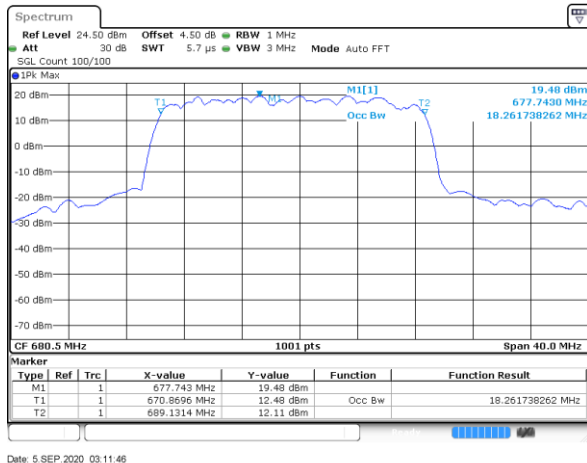


16QAM

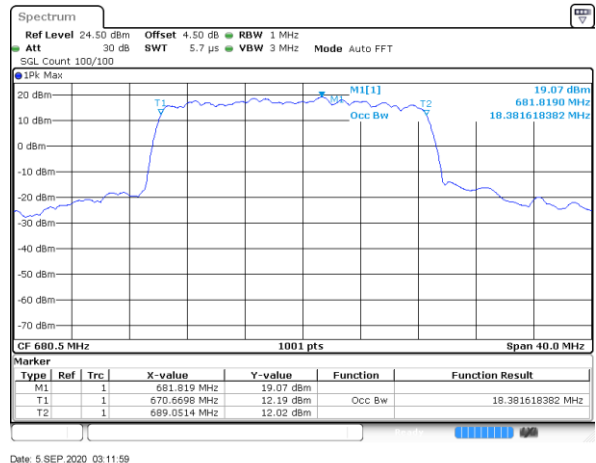
Lowest Channel



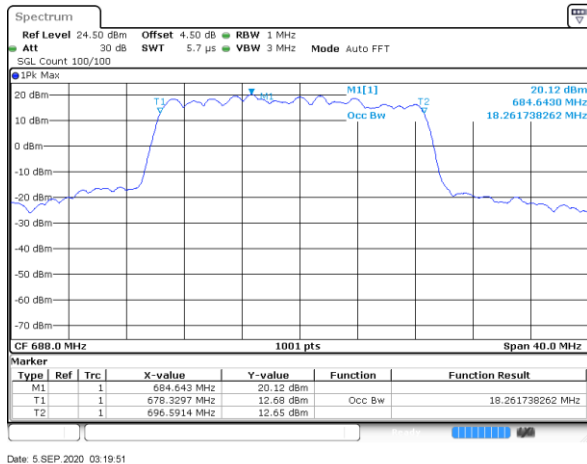
Middle Channel



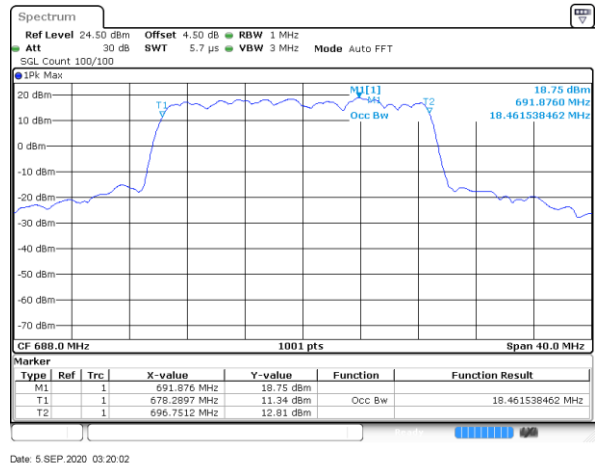
Middle Channel



Highest Channel



Highest Channel

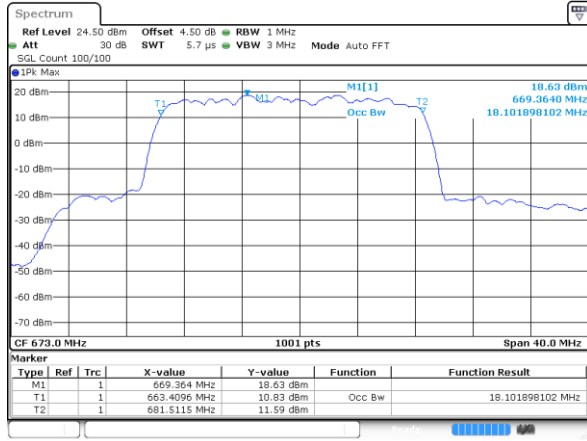




5G NR n71 / 20MHz / DFT-S OFDM

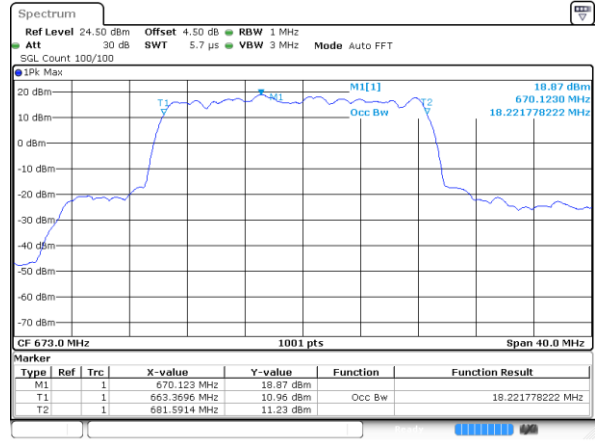
64QAM

Lowest Channel

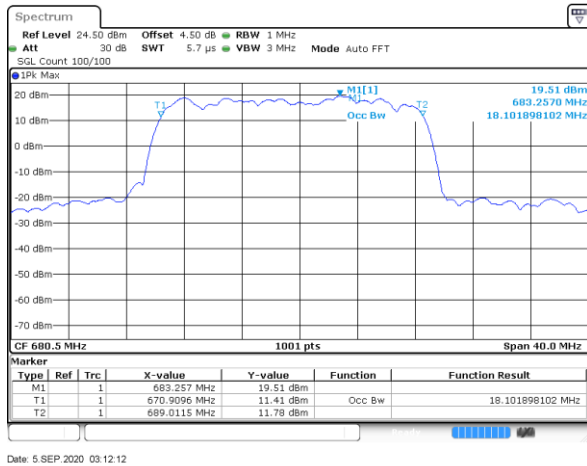


256QAM

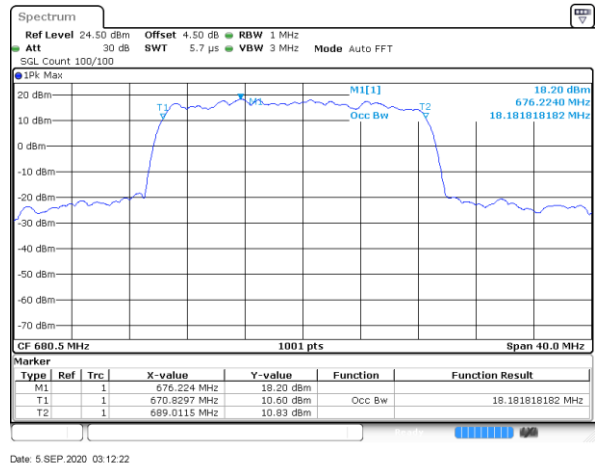
Lowest Channel



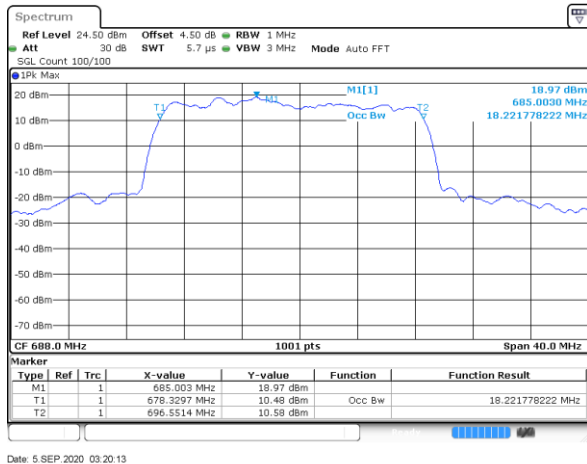
Middle Channel



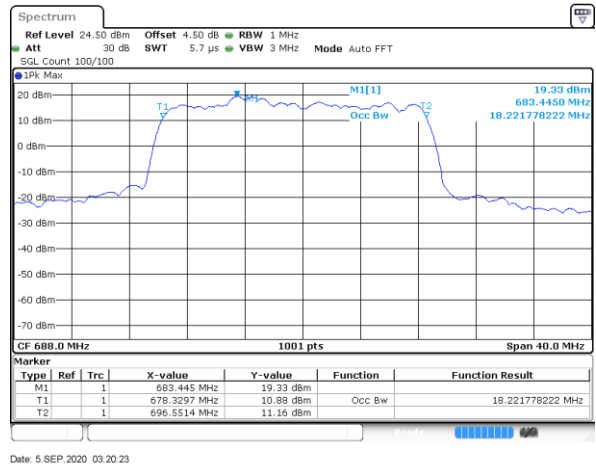
Middle Channel



Highest Channel



Highest Channel

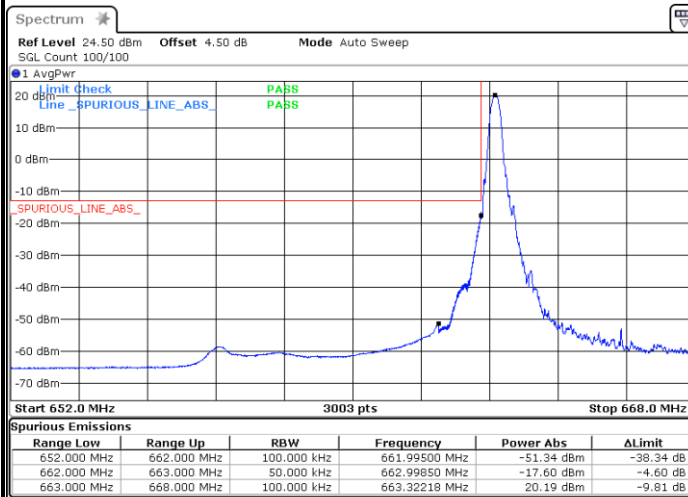




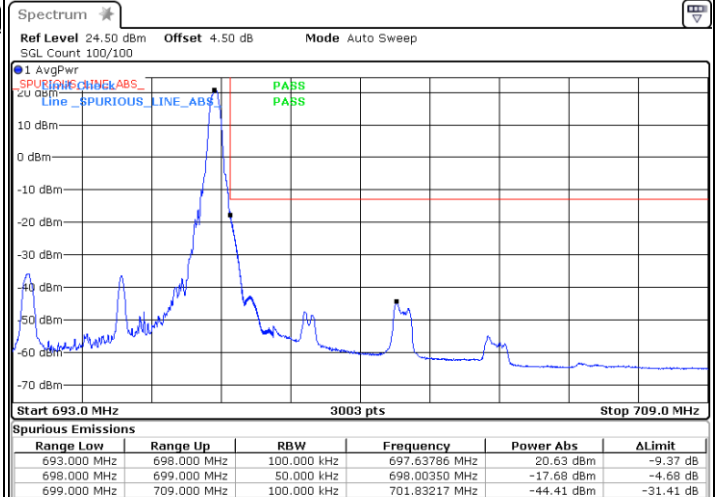
Conducted Band Edge

5G NR n71 / 5MHz / DFT-S OFDM / PI/2 BPSK

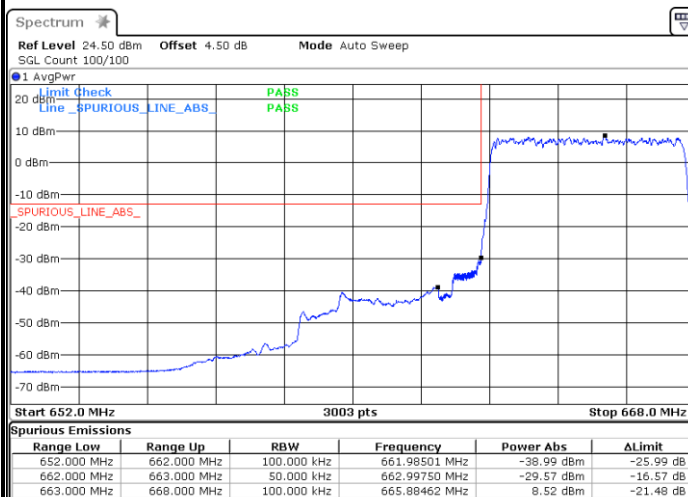
Lowest Band Edge / 1RB0



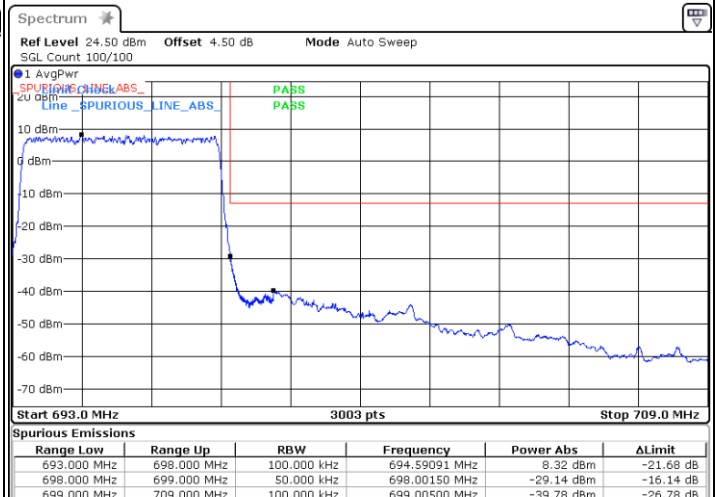
Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

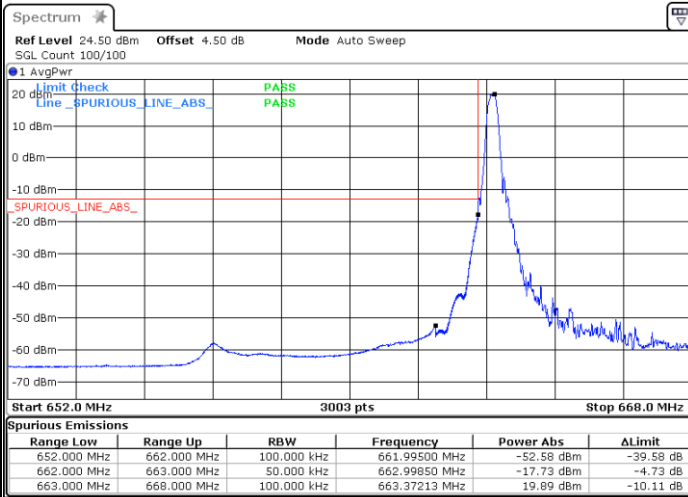




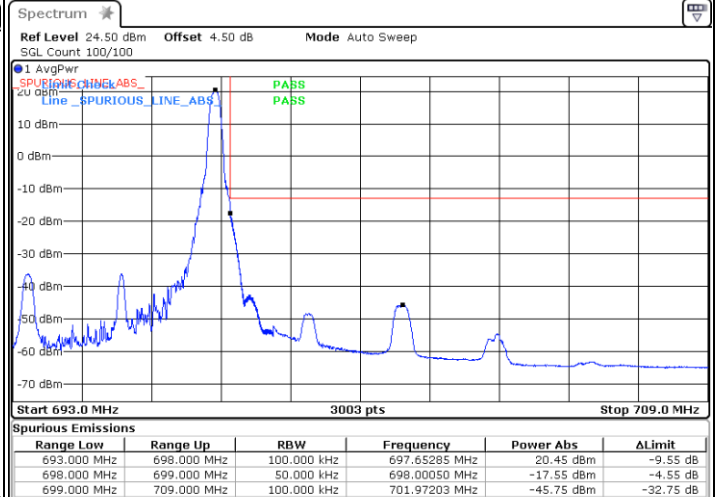
5G NR n71 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



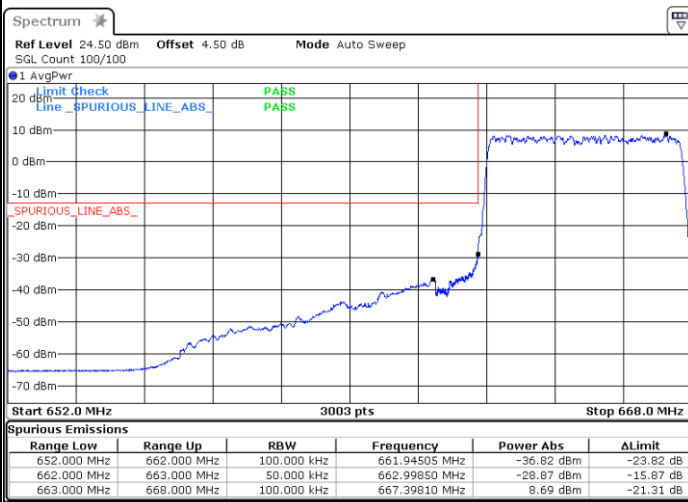
Date: 5 SEP. 2020 03:55:00



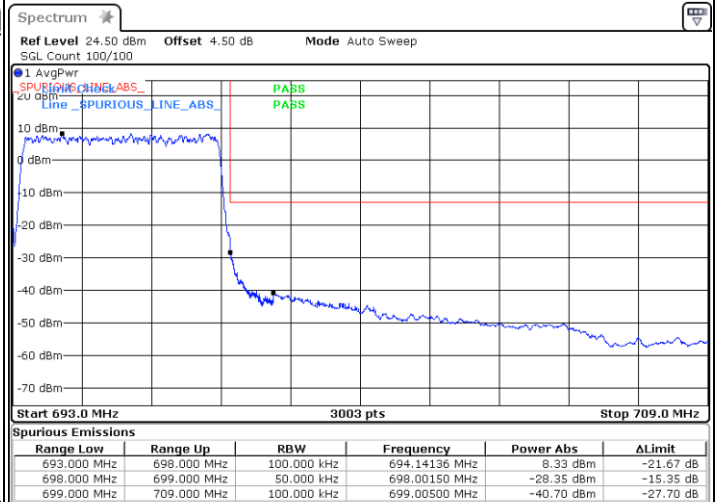
Date: 5 SEP. 2020 04:04:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 5 SEP. 2020 03:38:34



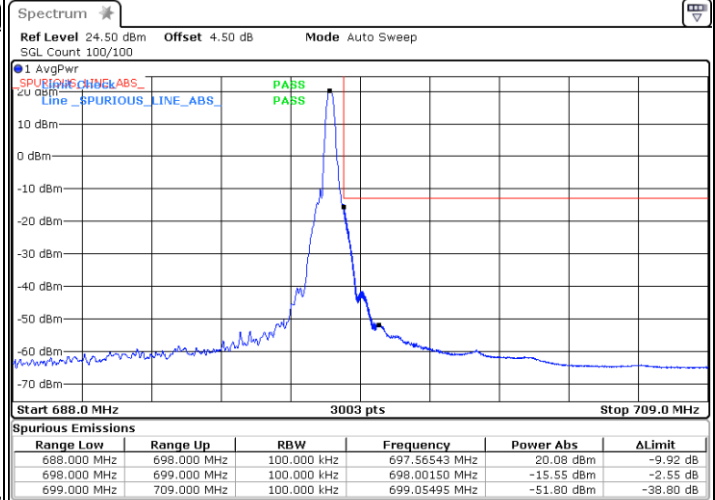
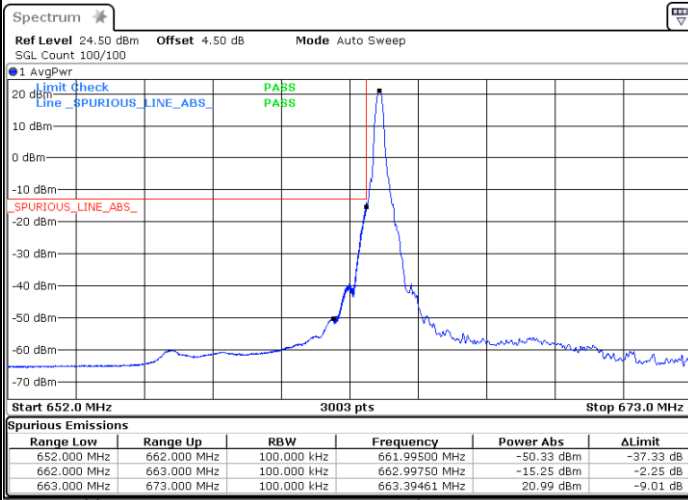
Date: 5 SEP. 2020 03:59:53



5G NR n71 / 10MHz / DFT-s-OFDM / PI/2 BPSK

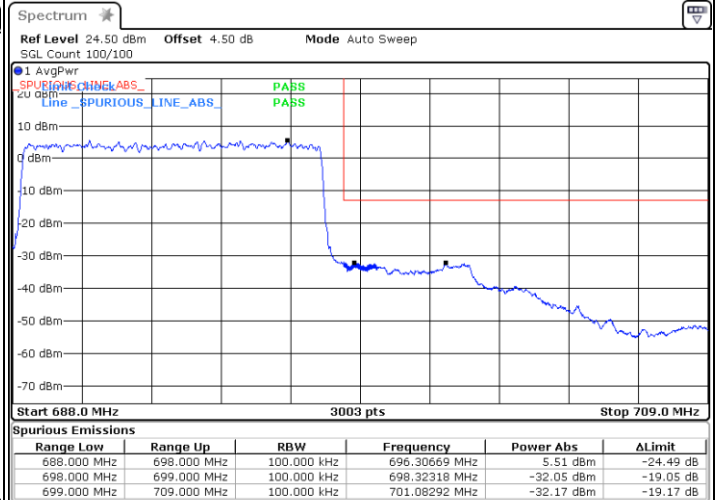
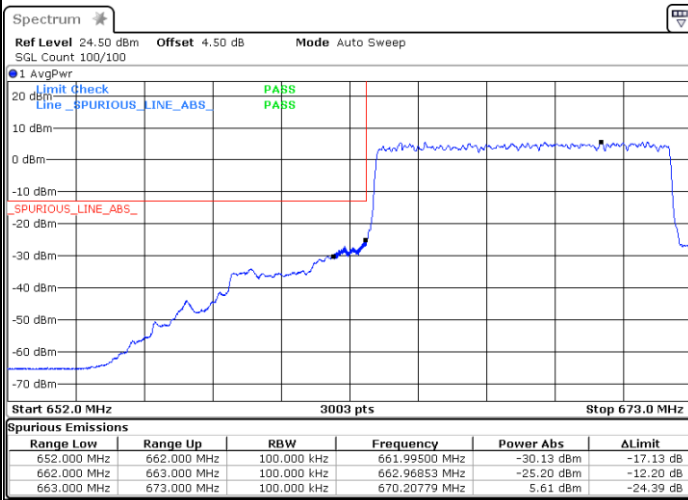
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

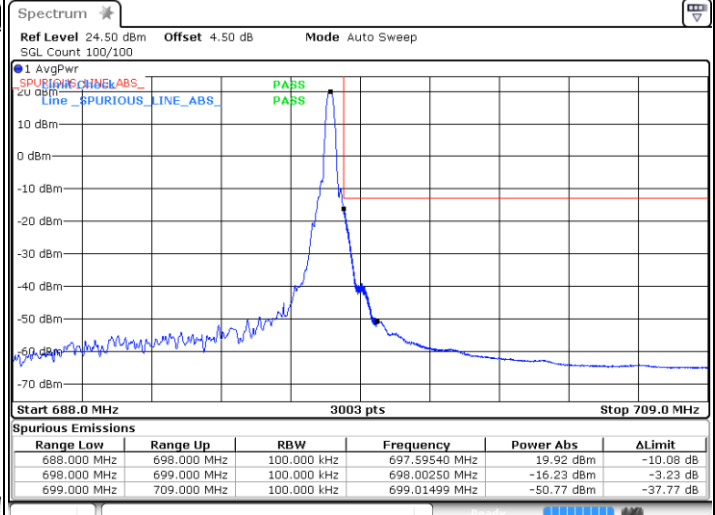
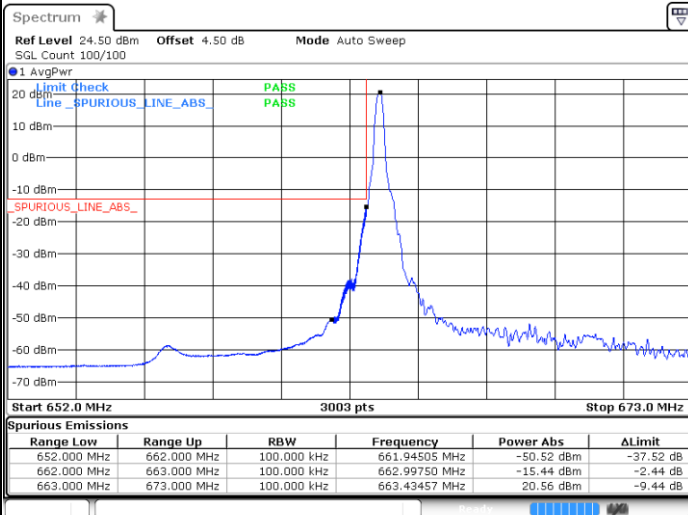




5G NR n71 / 10MHz / DFT-s-OFDM / QPSK

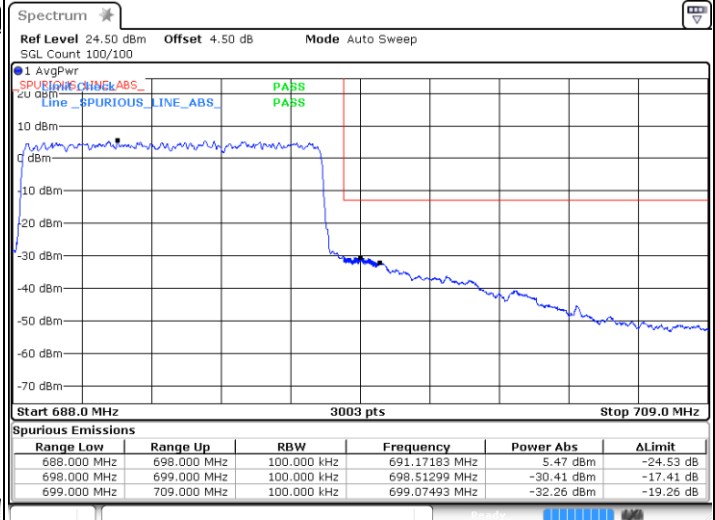
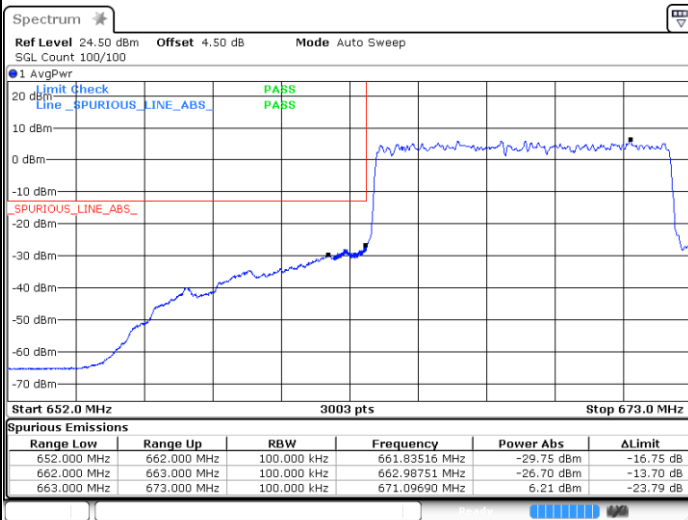
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

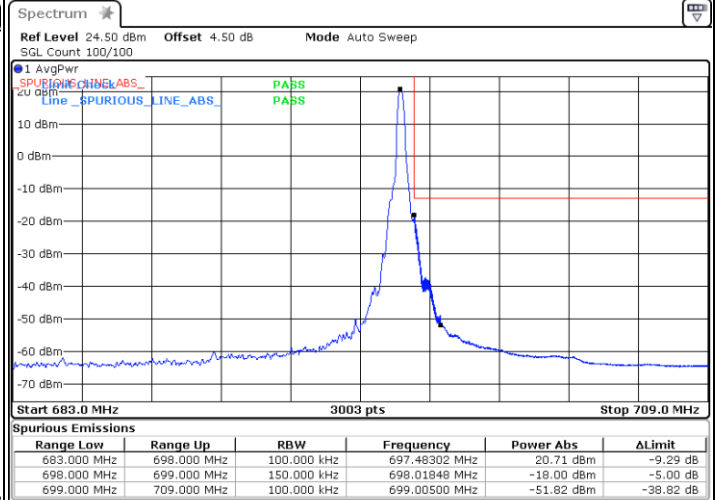
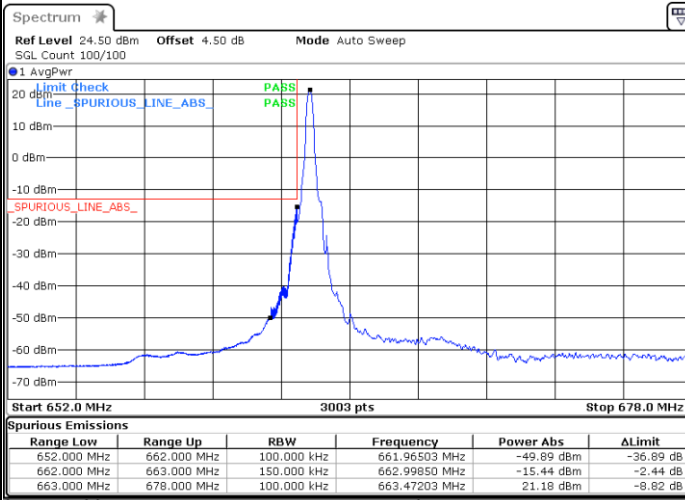




5G NR n71 / 15MHz / DFT-s-OFDM / PI/2 BPSK

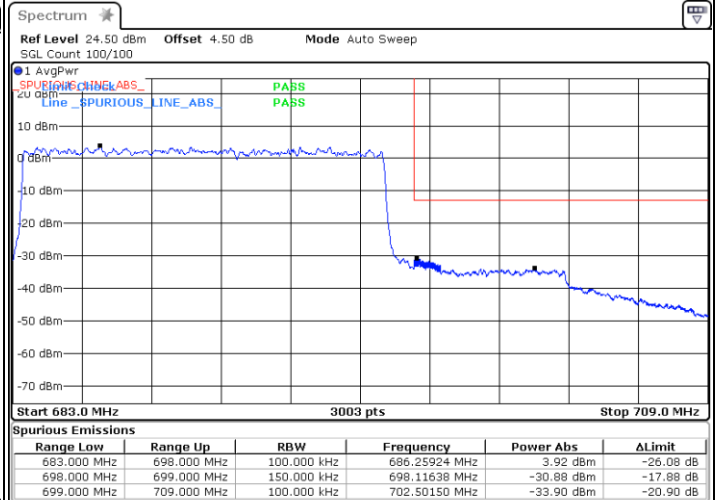
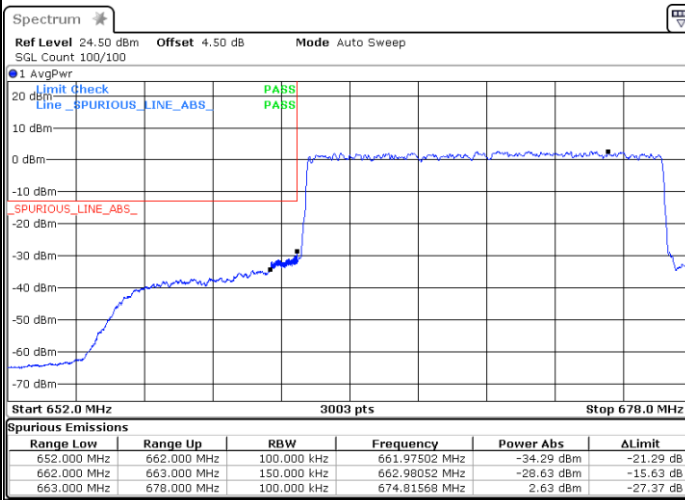
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

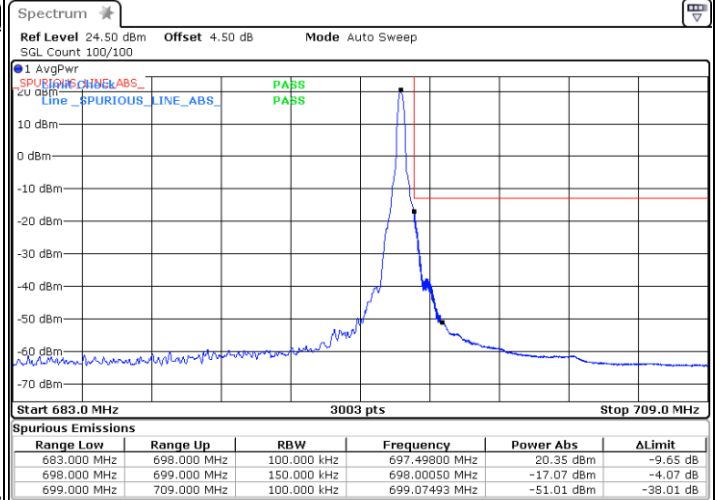
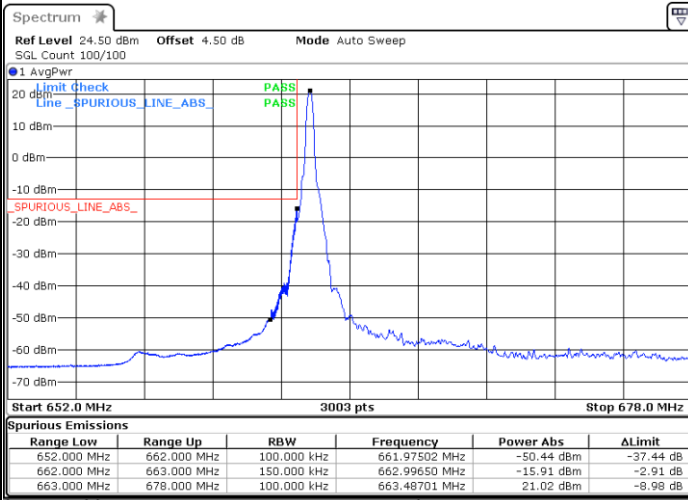




5G NR n71 / 15MHz / DFT-s-OFDM / QPSK

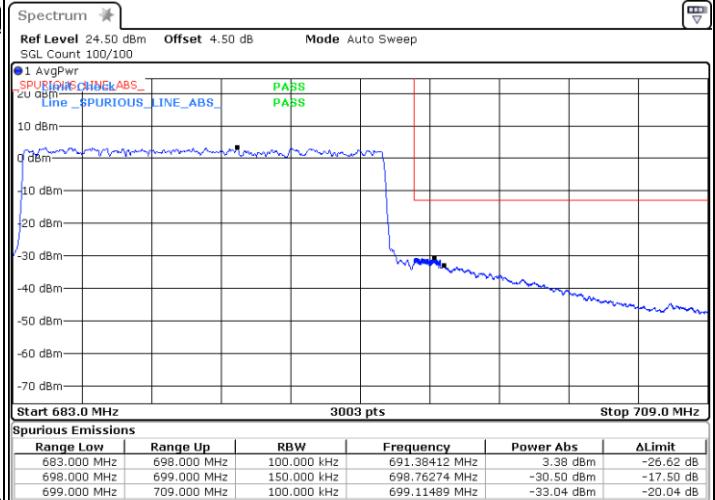
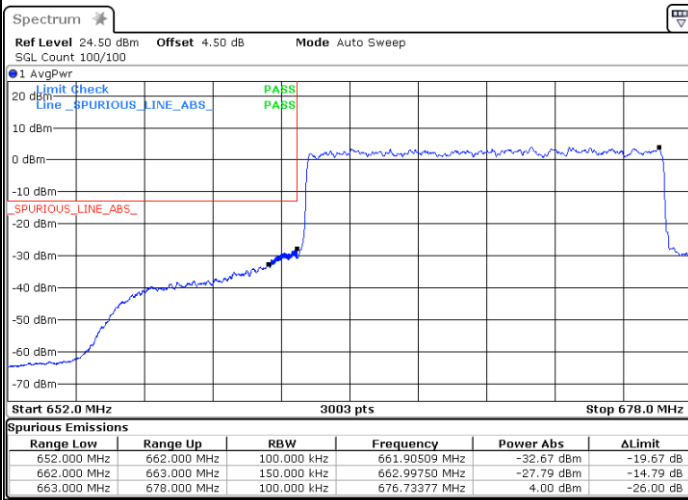
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

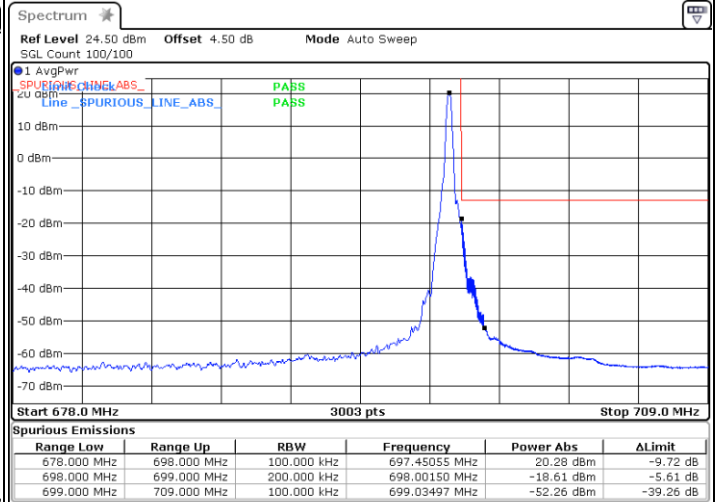
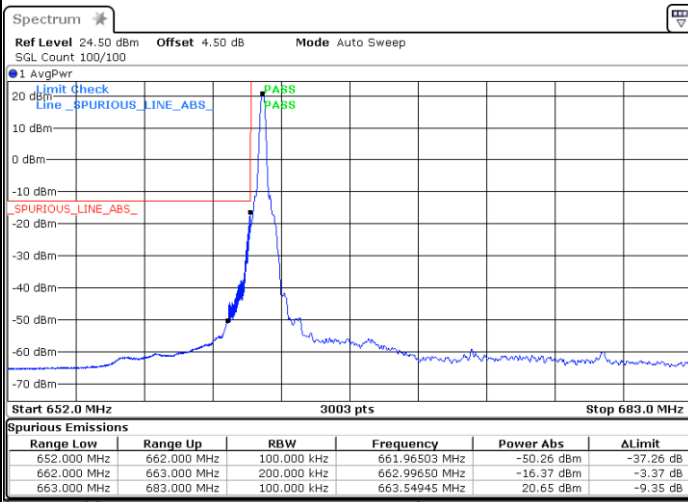




5G NR n71 / 20MHz / DFT-s-OFDM / PI/2 BPSK

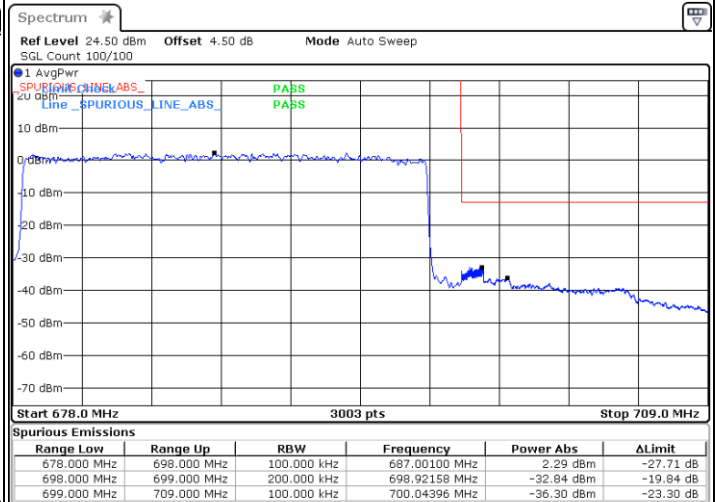
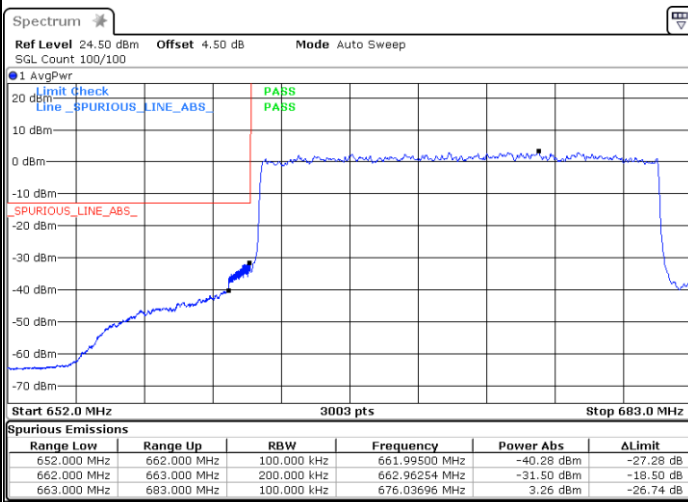
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

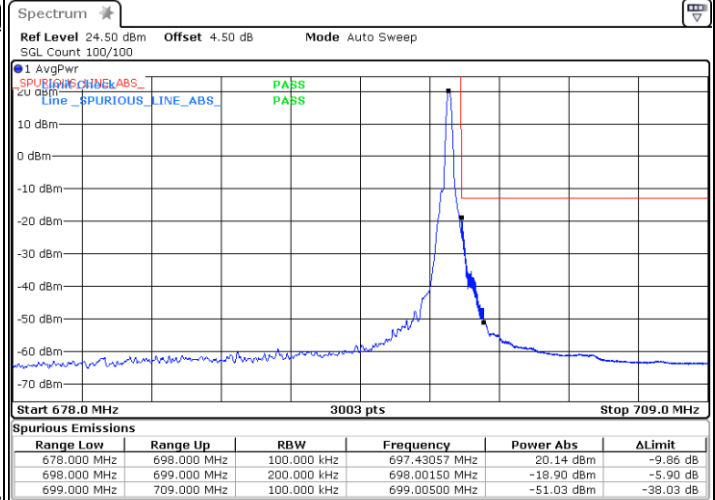
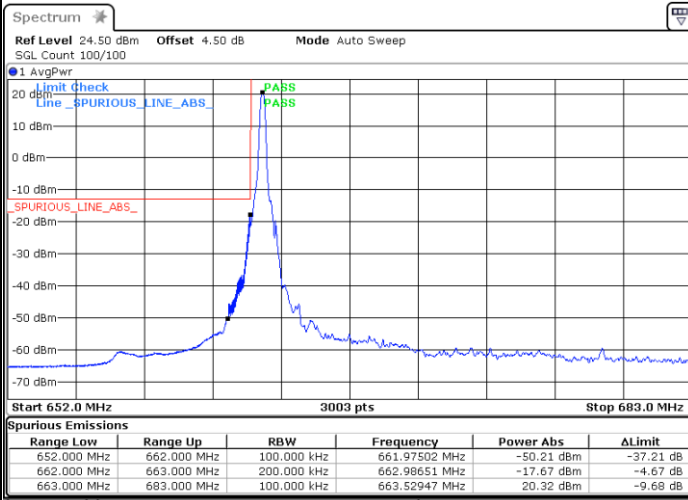




5G NR n71 / 20MHz / DFT-s-OFDM / QPSK

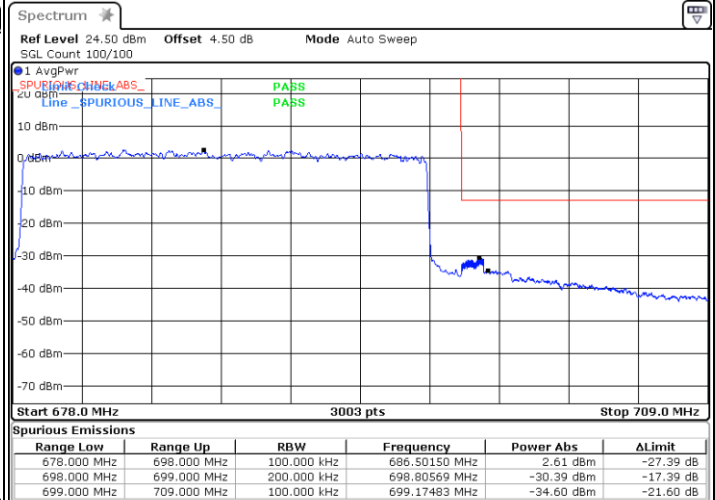
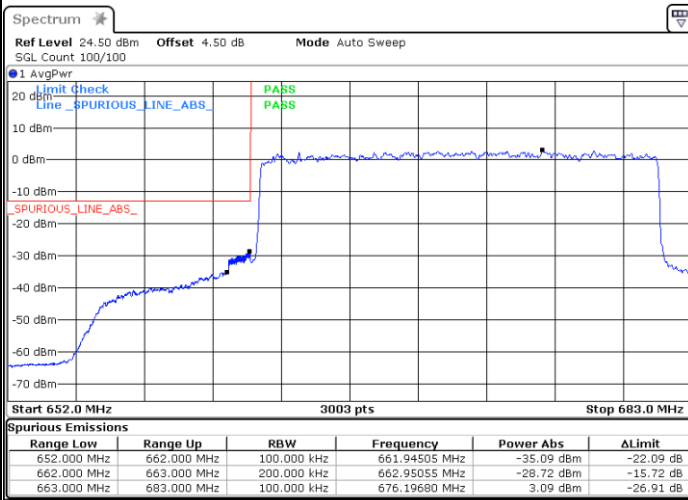
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBMAX



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

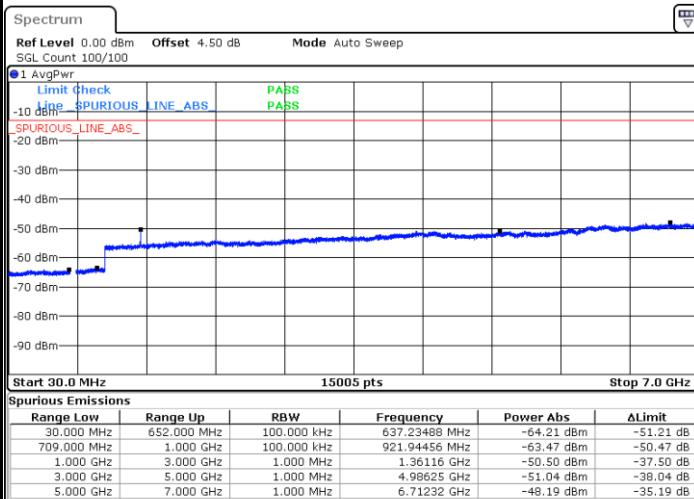




Conducted Spurious Emission

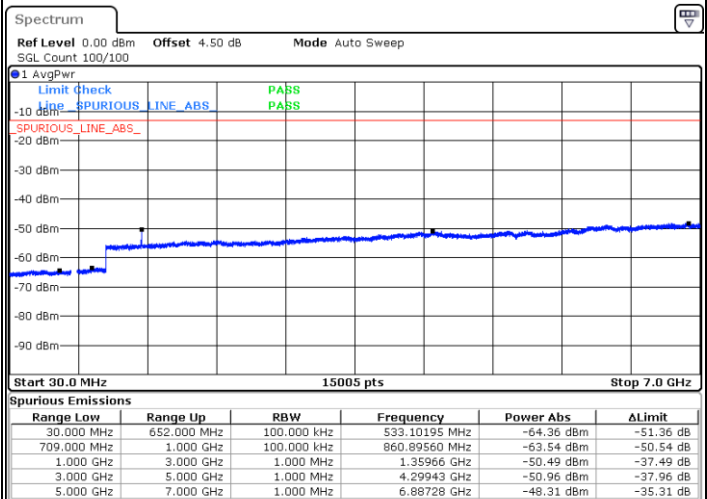
5G NR n71 / 5MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel / 1RB1



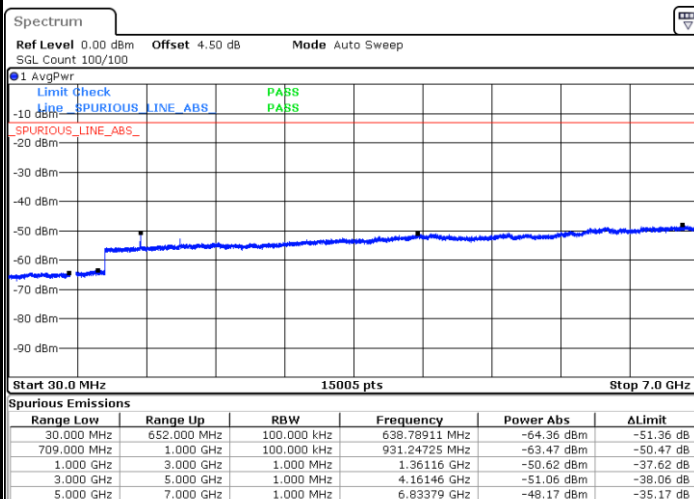
Date: 5.SEP.2020 21:52:56

Middle Channel / 1RB1



Date: 5.SEP.2020 21:55:08

Highest Channel / 1RB1



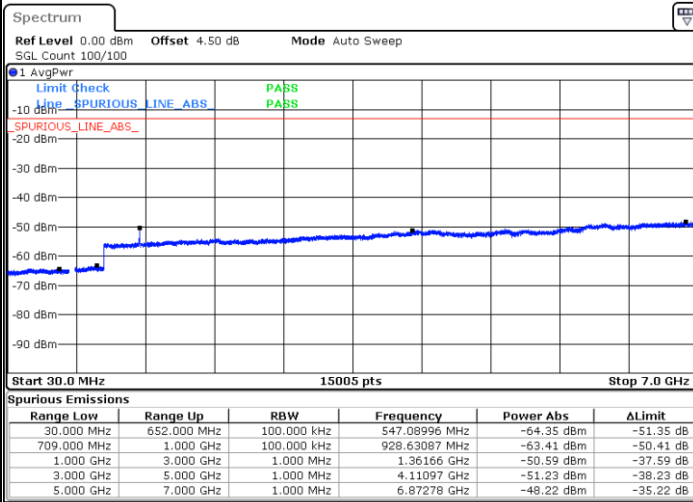
Date: 5.SEP.2020 21:57:38



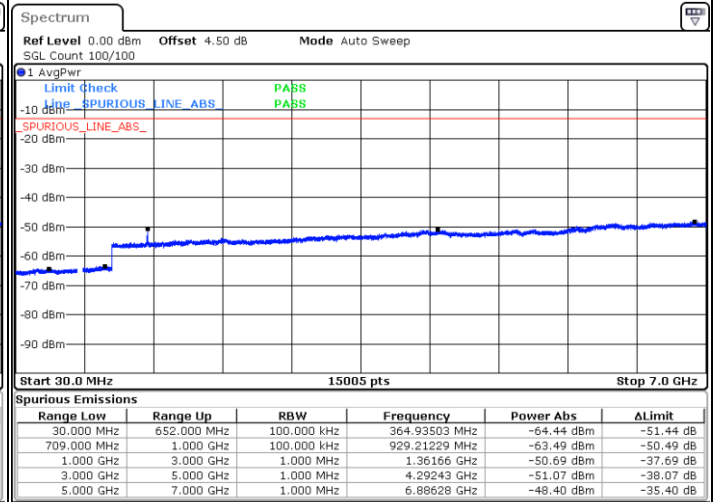
5G NR n71 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

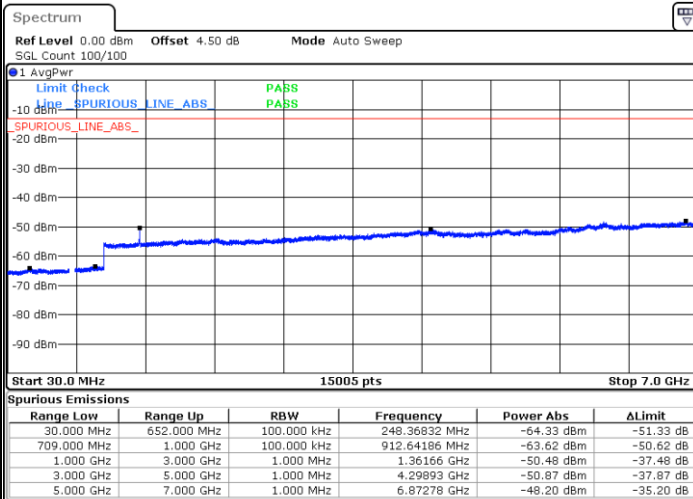


Date: 5.SEP.2020 21:53:20



Date: 5.SEP.2020 21:55:35

Highest Channel / 1RB1

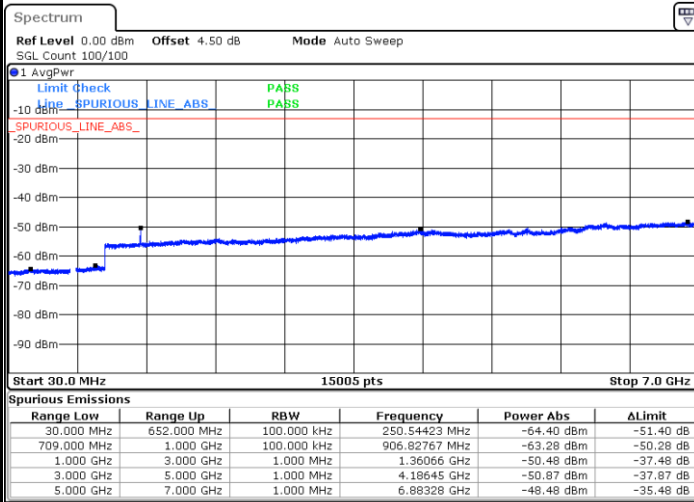


Date: 5.SEP.2020 21:57:54



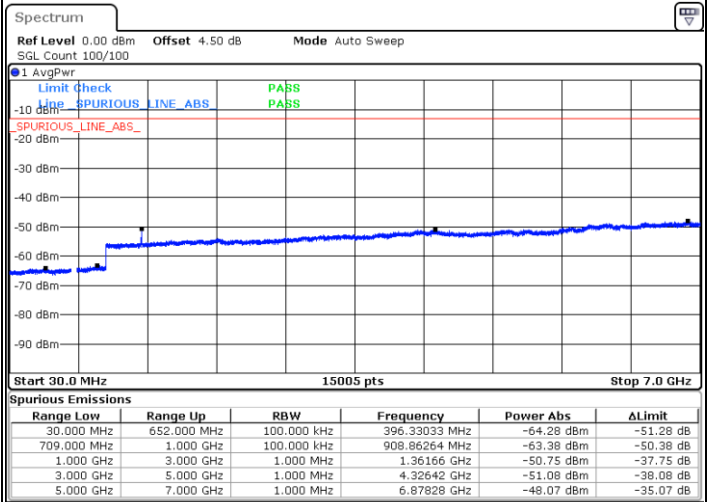
5G NR n71 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel / 1RB1



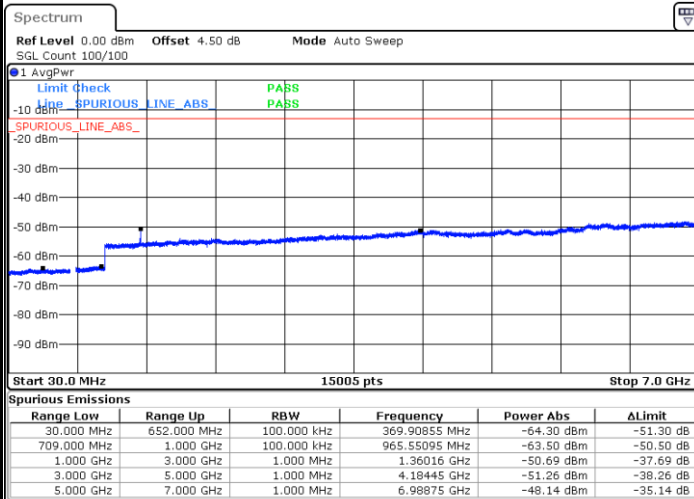
Date: 5.SEP.2020 21:59:09

Middle Channel / 1RB1



Date: 5.SEP.2020 22:01:26

Highest Channel / 1RB1

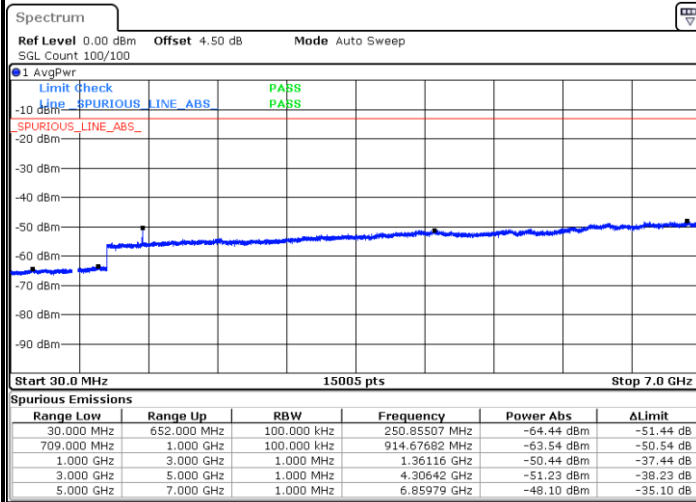


Date: 5.SEP.2020 22:03:12



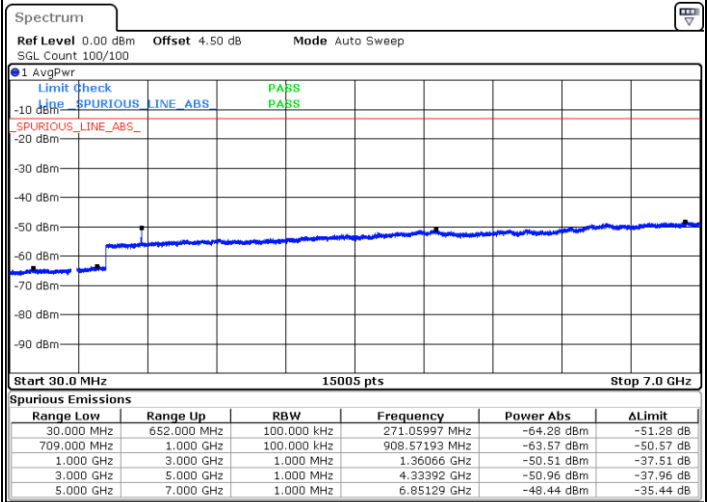
5G NR n71 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



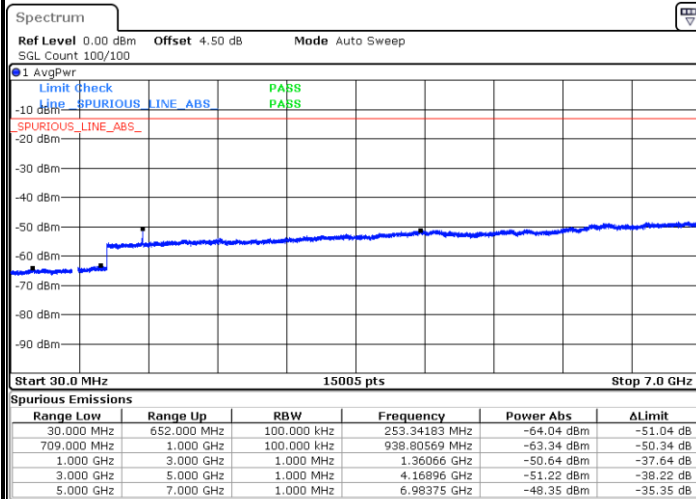
Date: 5.SEP.2020 21:59:32

Middle Channel / 1RB1



Date: 5.SEP.2020 22:01:43

Highest Channel / 1RB1

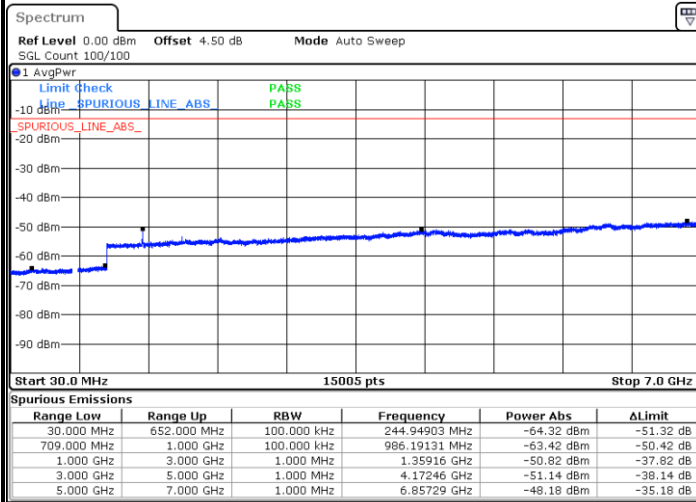


Date: 5.SEP.2020 22:03:35



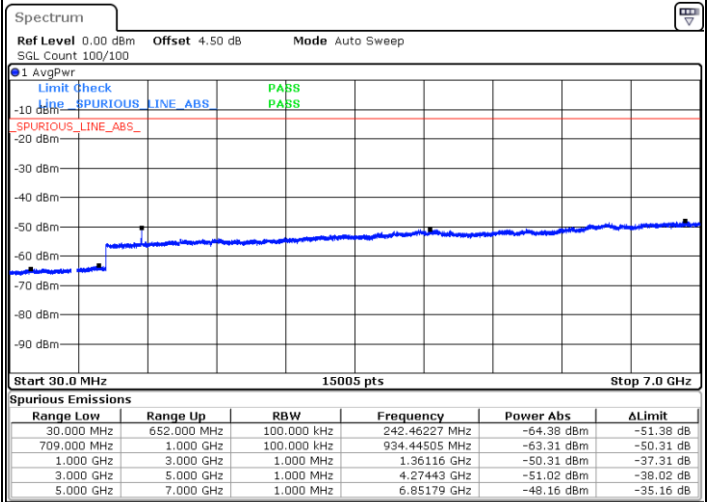
5G NR n71 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel / 1RB1



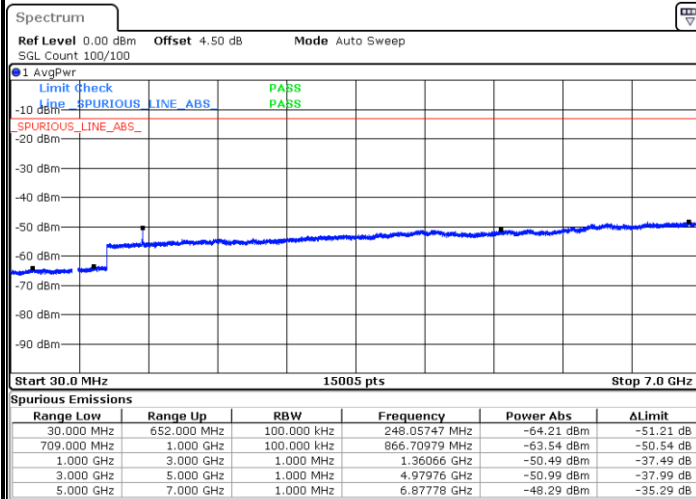
Date: 5.SEP.2020 22:05:16

Middle Channel / 1RB1



Date: 5.SEP.2020 22:06:52

Highest Channel / 1RB1

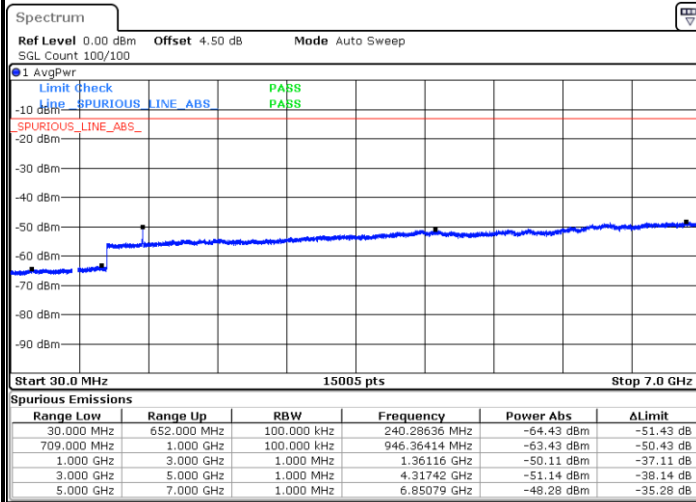


Date: 5.SEP.2020 22:09:05



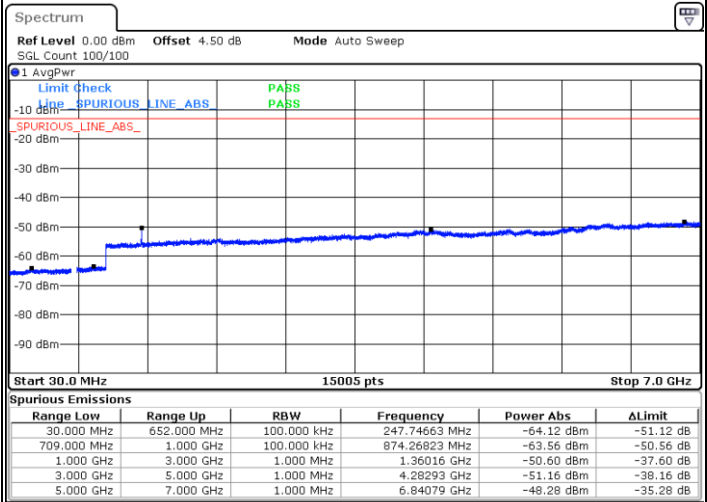
5G NR n71 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



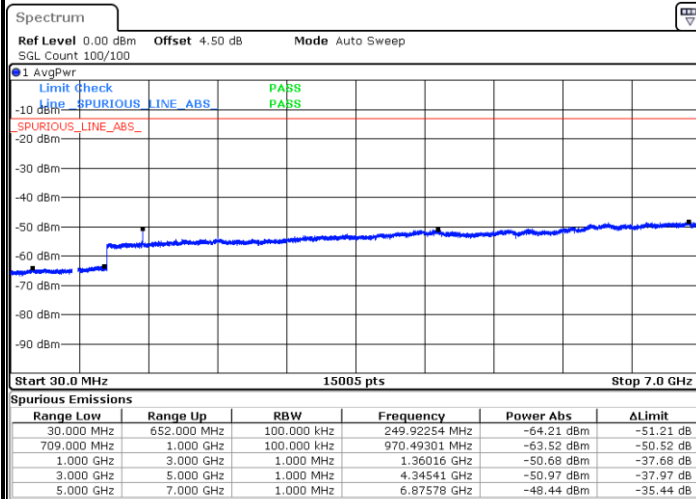
Date: 5.SEP.2020 22:05:41

Middle Channel / 1RB1



Date: 5.SEP.2020 22:07:33

Highest Channel / 1RB1



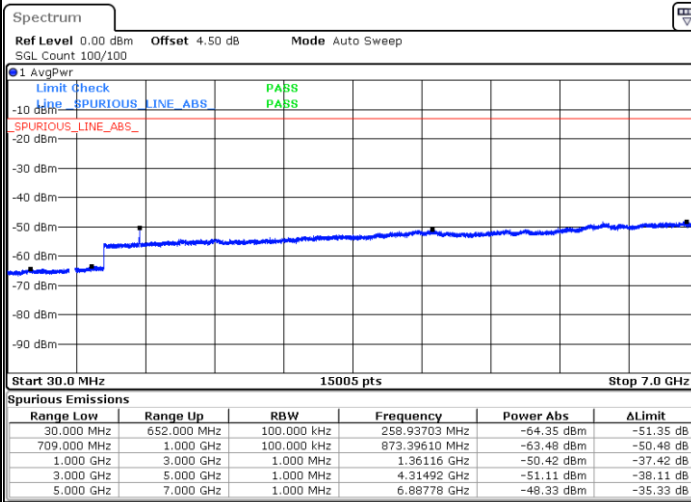
Date: 5.SEP.2020 22:09:21



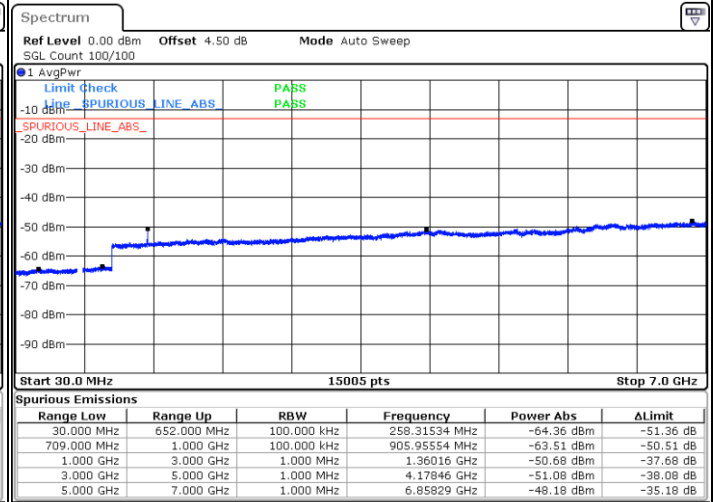
5G NR n71 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

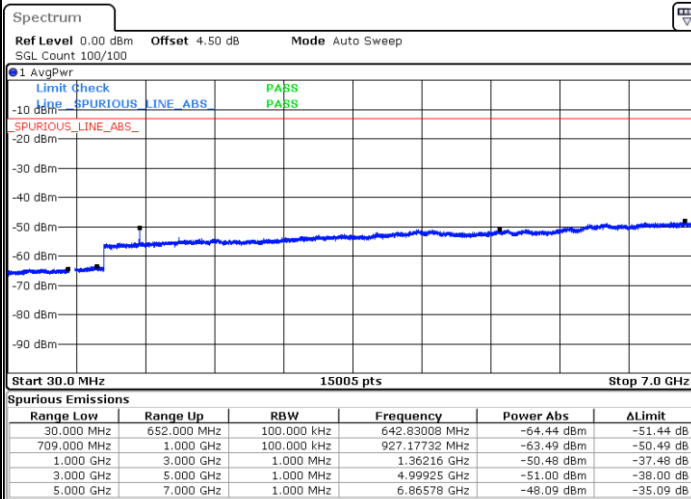


Date: 5.SEP.2020 22:10:56



Date: 5.SEP.2020 22:12:55

Highest Channel / 1RB1

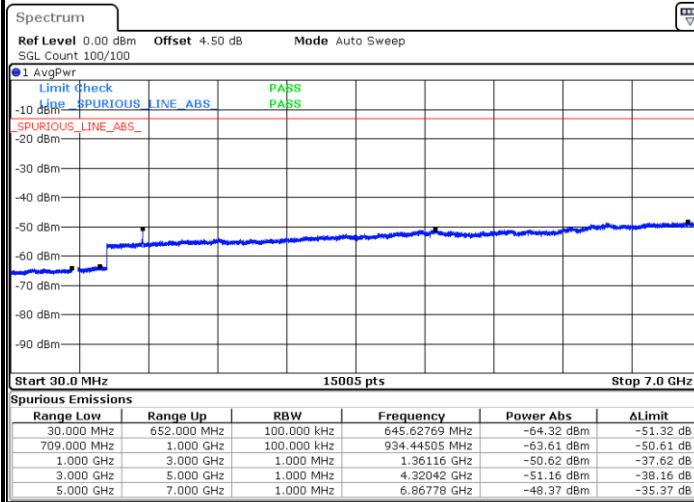


Date: 5.SEP.2020 22:15:03



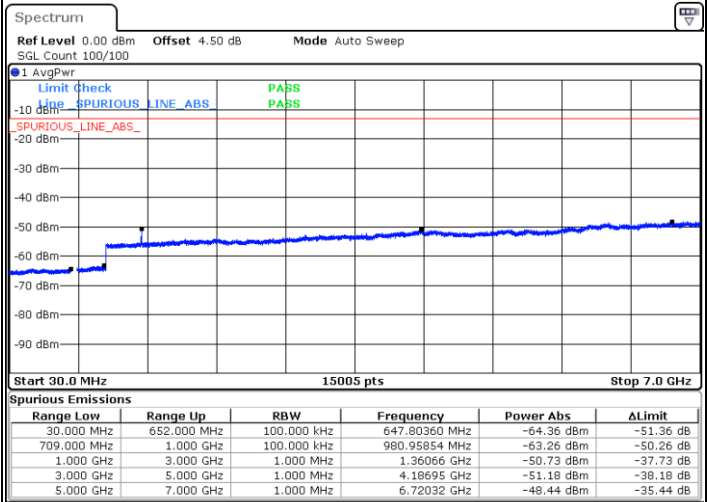
5G NR n71 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



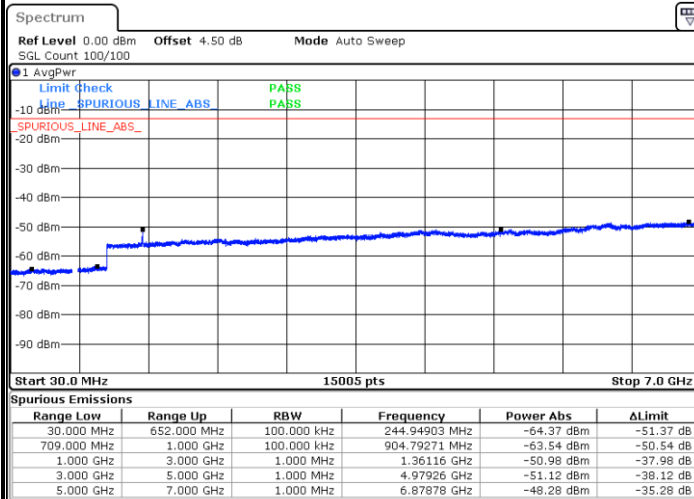
Date: 5.SEP.2020 22:11:18

Middle Channel / 1RB1



Date: 5.SEP.2020 22:13:17

Highest Channel / 1RB1



Date: 5.SEP.2020 22:15:21

Frequency Stability

Test Conditions		5G NR n71 (PI/2BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0023	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0031	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0020	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission SA mode

Antenna 1:

5G NR n2 / NR 20MHz / QPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-60.37	-13	-47.37	-72.63	2.641	14.90	H
	5553	-56.63	-13	-43.63	-68.49	2.94	14.80	H
	7404	-51.64	-13	-38.64	-61.41	3.39	13.16	H
	3702	-60.55	-13	-47.55	-72.81	2.64	14.90	V
	5553	-56.76	-13	-43.76	-68.62	2.94	14.80	V
	7404	-51.63	-13	-38.63	-61.40	3.39	13.16	V
Middle	3741	-60.11	-13	-47.11	-72.37	2.64	14.90	H
	5613	-56.83	-13	-43.83	-68.69	2.94	14.80	H
	7488	-51.70	-13	-38.70	-61.47	3.39	13.16	H
	3741	-60.40	-13	-47.40	-72.66	2.64	14.90	V
	5613	-56.54	-13	-43.54	-68.40	2.94	14.80	V
	7488	-51.54	-13	-38.54	-61.31	3.39	13.16	V
Highest	3783	-60.11	-13	-47.11	-72.37	2.64	14.90	H
	5673	-56.76	-13	-43.76	-68.62	2.94	14.80	H
	7560	-51.64	-13	-38.64	-61.41	3.39	13.16	H
	3783	-60.34	-13	-47.34	-72.60	2.64	14.90	V
	5673	-56.30	-13	-43.30	-68.16	2.94	14.80	V
	7560	-51.14	-13	-38.14	-60.91	3.39	13.16	V

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



5G NR n25 / NR 20MHz / QPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-60.98	-13	-47.98	-73.24	2.64	14.90	H
	5553	-56.94	-13	-43.94	-68.80	2.94	14.80	H
	7404	-52.14	-13	-39.14	-61.91	3.39	13.16	H
	3702	-61.57	-13	-48.57	-73.83	2.64	14.90	V
	5553	-57.33	-13	-44.33	-69.19	2.94	14.80	V
	7404	-51.96	-13	-38.96	-61.73	3.39	13.16	V
Middle	3747	-60.79	-13	-47.79	-73.05	2.64	14.90	H
	5622	-56.38	-13	-43.38	-68.24	2.94	14.80	H
	7500	-51.83	-13	-38.83	-61.60	3.39	13.16	H
	3747	-60.58	-13	-47.58	-72.84	2.64	14.90	V
	5622	-56.69	-13	-43.69	-68.55	2.94	14.80	V
	7500	-51.59	-13	-38.59	-61.36	3.39	13.16	V
Highest	3792	-61.21	-13	-48.21	-73.47	2.64	14.90	H
	5688	-57.15	-13	-44.15	-69.01	2.94	14.80	H
	7584	-51.93	-13	-38.93	-61.70	3.39	13.16	H
	3792	-61.49	-13	-48.49	-73.75	2.64	14.90	V
	5688	-57.59	-13	-44.59	-69.45	2.94	14.80	V
	7584	-51.89	-13	-38.89	-61.66	3.39	13.16	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-37.86	-25	-12.86	-48.07	3.03	13.24	H
	7504	-53.76	-25	-28.76	-63.21	3.56	13.01	H
	10000	-54.90	-25	-29.90	-64.42	3.92	13.44	H
	5004	-35.08	-25	-10.08	-45.29	3.03	13.24	V
	7504	-50.32	-25	-25.32	-59.77	3.56	13.01	V
	10000	-54.72	-25	-29.72	-64.24	3.92	13.44	V
Middle	5096	-39.72	-25	-14.72	-49.93	3.03	13.24	H
	7644	-49.21	-25	-24.21	-58.66	3.56	13.01	H
	10190	-54.84	-25	-29.84	-64.36	3.92	13.44	H
	5096	-45.13	-25	-20.13	-55.34	3.03	13.24	V
	7644	-56.63	-25	-31.63	-66.08	3.56	13.01	V
	10190	-54.74	-25	-29.74	-64.26	3.92	13.44	V
Highest	5192	-52.82	-25	-27.82	-63.03	3.03	13.24	H
	7784	-55.30	-25	-30.30	-64.75	3.56	13.01	H
	10380	-54.64	-25	-29.64	-64.16	3.92	13.44	H
	5192	-50.41	-25	-25.41	-60.62	3.03	13.24	V
	7784	-57.06	-25	-32.06	-66.51	3.56	13.01	V
	10380	-54.21	-25	-29.21	-63.73	3.92	13.44	V

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



5G NR n66 / NR 20MHz / QPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420	-59.59	-13	-46.59	-70.33	2.604	13.34	H
	5133.27	-58.10	-13	-45.10	-68.61	3.011	13.52	H
	6840	-54.25	-13	-41.25	-64.45	3.271	13.47	H
	3420	-61.29	-13	-48.29	-72.03	2.604	13.34	V
	5133	-57.76	-13	-44.76	-68.27	3.011	13.52	V
	6840	-53.96	-13	-40.96	-64.16	3.271	13.47	V
Middle	3471	-61.80	-13	-48.80	-72.54	2.604	13.34	H
	5208	-57.78	-13	-44.78	-68.29	3.011	13.52	H
	6948	-54.18	-13	-41.18	-64.38	3.271	13.47	H
	3471	-61.82	-13	-48.82	-72.56	2.604	13.34	V
	5208	-57.61	-13	-44.61	-68.12	3.011	13.52	V
	6948	-53.91	-13	-40.91	-64.11	3.271	13.47	V
Highest	3522	-58.16	-13	-45.16	-68.90	2.604	13.34	H
	5283	-57.64	-13	-44.64	-68.15	3.011	13.52	H
	7044	-52.87	-13	-39.87	-63.07	3.271	13.47	H
	3522	-60.37	-13	-47.37	-71.11	2.604	13.34	V
	5283	-57.62	-13	-44.62	-68.13	3.011	13.52	V
	7044	-52.61	-13	-39.61	-62.81	3.271	13.47	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)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-68.97	-13	-55.97	-70.72	1.02	4.92	H
	1992	-67.75	-13	-54.75	-69.72	1.27	5.39	H
	2656	-65.32	-13	-52.32	-68.25	1.49	6.57	H
	1328	-68.91	-13	-55.91	-70.66	1.02	4.92	V
	1992	-67.22	-13	-54.22	-69.19	1.27	5.39	V
	2656	-65.38	-13	-52.38	-68.31	1.49	6.57	V
Middle	1344	-68.64	-13	-55.64	-70.39	1.02	4.92	H
	2014	-66.58	-13	-53.58	-68.55	1.27	5.39	H
	2686	-65.07	-13	-52.07	-68.00	1.49	6.57	H
	1344	-68.91	-13	-55.91	-70.66	1.02	4.92	V
	2014	-66.67	-13	-53.67	-68.64	1.27	5.39	V
	2686	-65.22	-13	-52.22	-68.15	1.49	6.57	V
Highest	1358	-68.56	-13	-55.56	-70.31	1.02	4.92	H
	2038	-67.39	-13	-54.39	-69.36	1.27	5.39	H
	2716	-65.31	-13	-52.31	-68.24	1.49	6.57	H
	1358	-68.53	-13	-55.53	-70.28	1.02	4.92	V
	2038	-67.26	-13	-54.26	-69.23	1.27	5.39	V
	2716	-64.20	-13	-51.20	-67.13	1.49	6.57	V

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

**Radiated Spurious Emission NSA mode**

EN-DC_5A_n2A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-60.71	-13	-47.71	-72.97	2.64	14.90	H
	5553	-56.58	-13	-43.58	-68.44	2.94	14.80	H
	7404	-51.71	-13	-38.71	-61.48	3.39	13.16	H
	3702	-60.97	-13	-47.97	-73.23	2.64	14.90	V
	5553	-56.76	-13	-43.76	-68.62	2.94	14.80	V
	7404	-51.43	-13	-38.43	-61.20	3.39	13.16	V
Middle	3741	-60.25	-13	-47.25	-72.51	2.64	14.90	H
	5613	-56.28	-13	-43.28	-68.14	2.94	14.80	H
	7488	-51.37	-13	-38.37	-61.14	3.39	13.16	H
	3741	-60.75	-13	-47.75	-73.01	2.64	14.90	V
	5613	-56.38	-13	-43.38	-68.24	2.94	14.80	V
	7488	-51.30	-13	-38.30	-61.07	3.39	13.16	V
Highest	3783	-60.87	-13	-47.87	-73.13	2.64	14.90	H
	5673	-56.65	-13	-43.65	-68.51	2.94	14.80	H
	7560	-51.05	-13	-38.05	-60.82	3.39	13.16	H
	3783	-61.04	-13	-48.04	-73.30	2.64	14.90	V
	5673	-56.94	-13	-43.94	-68.80	2.94	14.80	V
	7560	-50.92	-13	-37.92	-60.69	3.39	13.16	V

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



EN-DC_12A_n2A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3783	-61.10	-13	-48.10	-73.36	2.64	14.90	H
	5673	-56.87	-13	-43.87	-68.73	2.94	14.80	H
	7560	-51.66	-13	-38.66	-61.43	3.39	13.16	H
	3783	-61.18	-13	-48.18	-73.44	2.64	14.90	V
	5673	-56.83	-13	-43.83	-68.69	2.94	14.80	V
	7560	-51.63	-13	-38.63	-61.40	3.39	13.16	V

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

EN-DC_13A_n2A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3783	-61.03	-13	-48.03	-73.29	2.64	14.90	H
	5673	-47.51	-13	-34.51	-59.37	2.94	14.80	H
	7560	-51.77	-13	-38.77	-61.54	3.39	13.16	H
	3783	-60.96	-13	-47.96	-73.22	2.64	14.90	V
	5673	-52.16	-13	-39.16	-64.02	2.94	14.80	V
	7560	-51.51	-13	-38.51	-61.28	3.39	13.16	V

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

EN-DC_66A_n2A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3783	-61.09	-13	-48.09	-73.35	2.64	14.90	H
	5673	-56.98	-13	-43.98	-68.84	2.94	14.80	H
	7560	-51.42	-13	-38.42	-61.19	3.39	13.16	H
	3783	-61.14	-13	-48.14	-73.40	2.64	14.90	V
	5673	-57.26	-13	-44.26	-69.12	2.94	14.80	V
	7560	-51.69	-13	-38.69	-61.46	3.39	13.16	V

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



EN-DC_2A_n5A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1650	-66.65	-13	-53.65	-73.62	1.58	10.70	H
	2474	-62.77	-13	-49.77	-71.02	2.102	12.50	H
	3300	-64.20	-13	-51.20	-73.09	2.856	13.90	H
	1650	-62.51	-13	-49.51	-69.48	1.58	10.70	V
	2474	-58.25	-13	-45.25	-66.50	2.10	12.50	V
	3300	-64.29	-13	-51.29	-73.18	2.86	13.90	V
Middle	1656	-68.39	-13	-55.39	-75.36	1.58	10.70	H
	2482	-61.17	-13	-48.17	-69.42	2.102	12.50	H
	3312	-64.37	-13	-51.37	-73.26	2.856	13.90	H
	1656	-68.19	-13	-55.19	-75.16	1.58	10.70	V
	2482	-58.39	-13	-45.39	-66.64	2.10	12.50	V
	3312	-64.70	-13	-51.70	-73.59	2.86	13.90	V
Highest	1660	-68.10	-13	-55.10	-75.07	1.58	10.70	H
	2490	-63.66	-13	-50.66	-71.91	2.102	12.50	H
	3318	-64.50	-13	-51.50	-73.39	2.856	13.90	H
	1660	-65.71	-13	-52.71	-72.68	1.58	10.70	V
	2490	-57.73	-13	-44.73	-65.98	2.10	12.50	V
	3318	-64.37	-13	-51.37	-73.26	2.86	13.90	V

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

EN-DC_66A_n5A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1660	-68.60	-13	-55.60	-75.57	1.58	10.70	H
	2490	-58.41	-13	-45.41	-66.66	2.102	12.50	H
	3318	-64.13	-13	-51.13	-73.02	2.856	13.90	H
	1660	-65.92	-13	-52.92	-72.89	1.58	10.70	V
	2490	-58.29	-13	-45.29	-66.54	2.10	12.50	V
	3318	-64.53	-13	-51.53	-73.42	2.86	13.90	V

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



EN-DC_66A_n25A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-60.45	-13	-47.45	-72.71	2.64	14.90	H
	5553	-56.21	-13	-43.21	-68.07	2.94	14.80	H
	7404	-51.06	-13	-38.06	-60.83	3.39	13.16	H
	3702	-60.49	-13	-47.49	-72.75	2.64	14.90	V
	5553	-56.14	-13	-43.14	-68.00	2.94	14.80	V
	7404	-51.20	-13	-38.20	-60.97	3.39	13.16	V
Middle	3747	-60.60	-13	-47.60	-72.86	2.64	14.90	H
	5622	-56.09	-13	-43.09	-67.95	2.94	14.80	H
	7500	-51.43	-13	-38.43	-61.20	3.39	13.16	H
	3747	-60.69	-13	-47.69	-72.95	2.64	14.90	V
	5622	-56.17	-13	-43.17	-68.03	2.94	14.80	V
	7500	-50.88	-13	-37.88	-60.65	3.39	13.16	V
Highest	3792	-60.61	-13	-47.61	-72.87	2.64	14.90	H
	5688	-56.67	-13	-43.67	-68.53	2.94	14.80	H
	7584	-51.30	-13	-38.30	-61.07	3.39	13.16	H
	3792	-60.85	-13	-47.85	-73.11	2.64	14.90	V
	5688	-56.59	-13	-43.59	-68.45	2.94	14.80	V
	7584	-50.65	-13	-37.65	-60.42	3.39	13.16	V

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



EN-DC_2A_n66A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3423	-61.77	-13	-48.77	-72.51	2.604	13.34	H
	5133	-57.53	-13	-44.53	-68.04	3.011	13.52	H
	6840	-53.45	-13	-40.45	-63.65	3.271	13.47	H
	3423	-61.72	-13	-48.72	-72.46	2.604	13.34	V
	5133	-57.11	-13	-44.11	-67.62	3.011	13.52	V
	6840	-53.26	-13	-40.26	-63.46	3.271	13.47	V
Middle	3471	-61.37	-13	-48.37	-72.11	2.604	13.34	H
	5208	-56.33	-13	-43.33	-66.84	3.011	13.52	H
	6948	-53.55	-13	-40.55	-63.75	3.271	13.47	H
	3471	-61.30	-13	-48.30	-72.04	2.604	13.34	V
	5208	-56.21	-13	-43.21	-66.72	3.011	13.52	V
	6948	-53.07	-13	-40.07	-63.27	3.271	13.47	V
Highest	3522	-61.27	-13	-48.27	-72.01	2.604	13.34	H
	5283	-59.13	-13	-46.13	-69.64	3.011	13.52	H
	7044	-53.05	-13	-40.05	-63.25	3.271	13.47	H
	3522	-61.87	-13	-48.87	-72.61	2.604	13.34	V
	5283	-59.12	-13	-46.12	-69.63	3.011	13.52	V
	7044	-52.60	-13	-39.60	-62.80	3.271	13.47	V

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

EN-DC_5A_n66A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3522	-61.80	-13	-48.80	-72.54	2.604	13.34	H
	5283	-59.17	-13	-46.17	-69.68	3.011	13.52	H
	7044	-53.39	-13	-40.39	-63.59	3.271	13.47	H
	3522	-62.27	-13	-49.27	-73.01	2.604	13.34	V
	5283	-59.16	-13	-46.16	-69.67	3.011	13.52	V
	7044	-53.06	-13	-40.06	-63.26	3.271	13.47	V

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



EN-DC_12A_n66A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	3522	-61.76	-13	-48.76	-72.50	2.604	13.34	H
	5283	-58.84	-13	-45.84	-69.35	3.011	13.52	H
	7044	-53.12	-13	-40.12	-63.32	3.271	13.47	H
	3522	-62.20	-13	-49.20	-72.94	2.604	13.34	V
	5283	-58.79	-13	-45.79	-69.30	3.011	13.52	V
	7044	-52.76	-13	-39.76	-62.96	3.271	13.47	V

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

EN-DC_13A_n66A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3423	-61.44	-13	-48.44	-72.18	2.604	13.34	H
	5133	-51.74	-13	-38.74	-62.25	3.011	13.52	H
	6840	-54.05	-13	-41.05	-64.25	3.271	13.47	H
	3423	-61.15	-13	-48.15	-71.89	2.604	13.34	V
	5133	-50.06	-13	-37.06	-60.57	3.011	13.52	V
	6840	-53.61	-13	-40.61	-63.81	3.271	13.47	V
Middle	3471	-61.59	-13	-48.59	-72.33	2.604	13.34	H
	5208	-53.67	-13	-40.67	-64.18	3.011	13.52	H
	6948	-53.41	-13	-40.41	-63.61	3.271	13.47	H
	3471	-61.34	-13	-48.34	-72.08	2.604	13.34	V
	5208	-51.59	-13	-38.59	-62.10	3.011	13.52	V
	6948	-53.09	-13	-40.09	-63.29	3.271	13.47	V
Highest	3522	-61.27	-13	-48.27	-72.01	2.604	13.34	H
	5283	-58.34	-13	-45.34	-68.85	3.011	13.52	H
	7044	-53.08	-13	-40.08	-63.28	3.271	13.47	H
	3522	-61.61	-13	-48.61	-72.35	2.604	13.34	V
	5283	-57.89	-13	-44.89	-68.40	3.011	13.52	V
	7044	-52.63	-13	-39.63	-62.83	3.271	13.47	V

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



EN-DC_2A_n71A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1358	-65.95	-13	-52.95	-67.70	1.02	4.92	H
	2038	-64.77	-13	-51.77	-66.74	1.27	5.39	H
	2716	-62.88	-13	-49.88	-65.81	1.49	6.57	H
	1358	-65.52	-13	-52.52	-67.27	1.02	4.92	V
	2038	-64.38	-13	-51.38	-66.35	1.27	5.39	V
	2716	-63.00	-13	-50.00	-65.93	1.49	6.57	V

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

EN-DC_66A_n71A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1358	-66.58	-13	-53.58	-68.33	1.02	4.92	H
	2038	-64.93	-13	-51.93	-66.90	1.27	5.39	H
	2716	-63.11	-13	-50.11	-66.04	1.49	6.57	H
	1358	-66.28	-13	-53.28	-68.03	1.02	4.92	V
	2038	-64.43	-13	-51.43	-66.40	1.27	5.39	V
	2716	-62.78	-13	-49.78	-65.71	1.49	6.57	V

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

EN-DC_2A_n41A / LTE 20MHz + NR 100MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-38.02	-25	-13.02	-48.23	3.03	13.24	H
	7504	-50.69	-25	-25.69	-60.14	3.56	13.01	H
	10000	-53.98	-25	-28.98	-63.50	3.92	13.44	H
	5004	-37.16	-25	-12.16	-47.37	3.03	13.24	V
	7504	-51.00	-25	-26.00	-60.45	3.56	13.01	V
	10000	-53.83	-25	-28.83	-63.35	3.92	13.44	V

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



EN-DC_25A_n41A / LTE 20MHz + NR 100MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-38.33	-25	-13.33	-48.54	3.03	13.24	H
	7504	-52.40	-25	-27.40	-61.85	3.56	13.01	H
	10000	-54.13	-25	-29.13	-63.65	3.92	13.44	H
	5004	-40.13	-25	-15.13	-50.34	3.03	13.24	V
	7504	-51.47	-25	-26.47	-60.92	3.56	13.01	V
	10000	-53.45	-25	-28.45	-62.97	3.92	13.44	V

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

EN-DC_66A_n41A / LTE 20MHz + NR 100MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5004	-40.30	-25	-15.30	-50.51	3.03	13.24	H
	7504	-51.15	-25	-26.15	-60.60	3.56	13.01	H
	10000	-54.08	-25	-29.08	-63.60	3.92	13.44	H
	5004	-37.89	-25	-12.89	-48.10	3.03	13.24	V
	7504	-52.24	-25	-27.24	-61.69	3.56	13.01	V
	10000	-53.72	-25	-28.72	-63.24	3.92	13.44	V

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

EN-DC_7A_n71A / LTE 20MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1358	-68.71	-13	-55.71	-70.46	1.02	4.92	H
	2038	-66.63	-13	-53.63	-68.60	1.27	5.39	H
	2716	-65.15	-13	-52.15	-68.08	1.49	6.57	H
	1358	-68.14	-13	-55.14	-69.89	1.02	4.92	V
	2038	-66.56	-13	-53.56	-68.53	1.27	5.39	V
	2716	-65.09	-13	-52.09	-68.02	1.49	6.57	V

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



EN-DC_12A_n25A / LTE 10MHz + NR 20MHz / PI/2 BPSK DFT-s-OFDM								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-59.99	-13	-46.99	-72.25	2.64	14.90	H
	5553	-55.00	-13	-42.00	-66.86	2.94	14.80	H
	7404	-51.93	-13	-38.93	-61.70	3.39	13.16	H
	3702	-59.63	-13	-46.63	-71.89	2.64	14.90	V
	5553	-55.31	-13	-42.31	-67.17	2.94	14.80	V
	7404	-51.75	-13	-38.75	-61.52	3.39	13.16	V
Middle	3747	-60.20	-13	-47.20	-72.46	2.64	14.90	H
	5622	-56.45	-13	-43.45	-68.31	2.94	14.80	H
	7500	-51.12	-13	-38.12	-60.89	3.39	13.16	H
	3747	-60.27	-13	-47.27	-72.53	2.64	14.90	V
	5622	-56.61	-13	-43.61	-68.47	2.94	14.80	V
	7500	-51.26	-13	-38.26	-61.03	3.39	13.16	V
Highest	3792	-60.37	-13	-47.37	-72.63	2.64	14.90	H
	5688	-54.52	-13	-41.52	-66.38	2.94	14.80	H
	7584	-51.06	-13	-38.06	-60.83	3.39	13.16	H
	3792	-60.53	-13	-47.53	-72.79	2.64	14.90	V
	5688	-54.39	-13	-41.39	-66.25	2.94	14.80	V
	7584	-51.40	-13	-38.40	-61.17	3.39	13.16	V

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