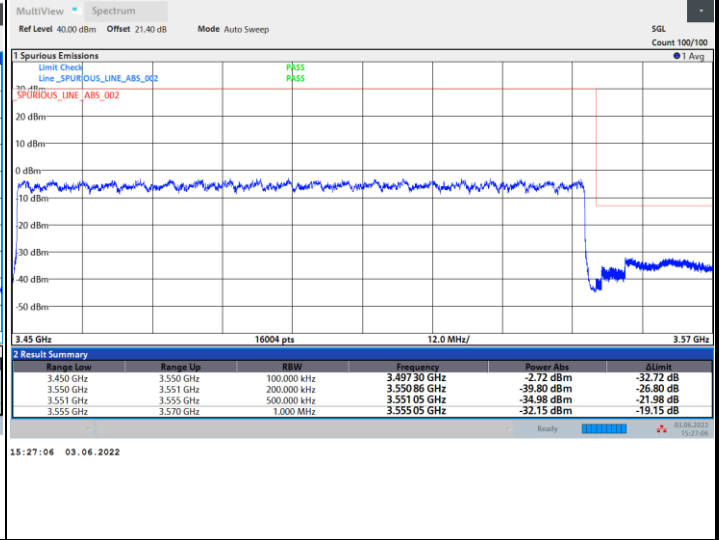
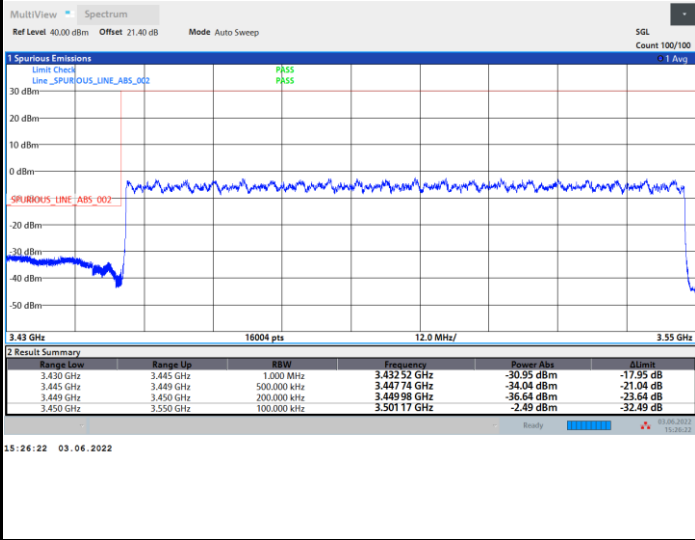




FR1 n77 / 100MHz / DFT-S OFDM / 16QAM

Lowest Band Edge / Full RB

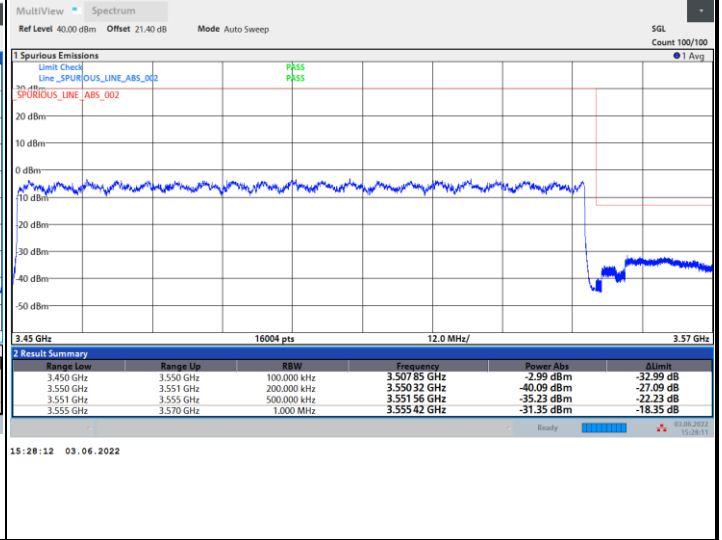
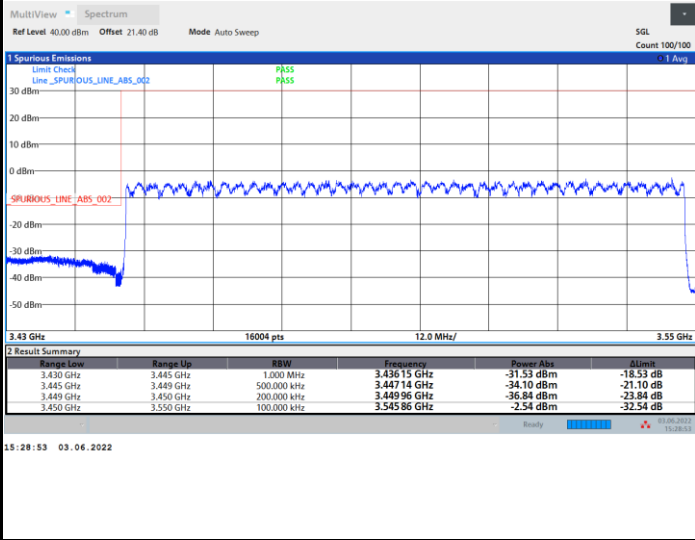
Highest Band Edge / Full RB



FR1 n77 / 100MHz / DFT-S OFDM / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

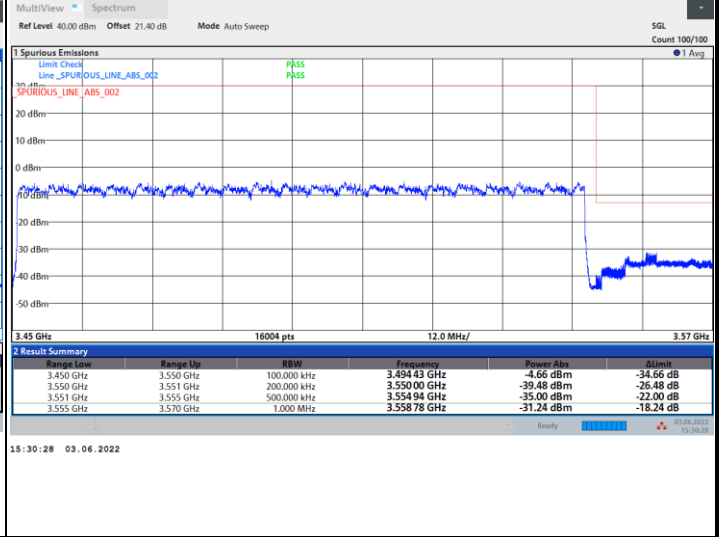
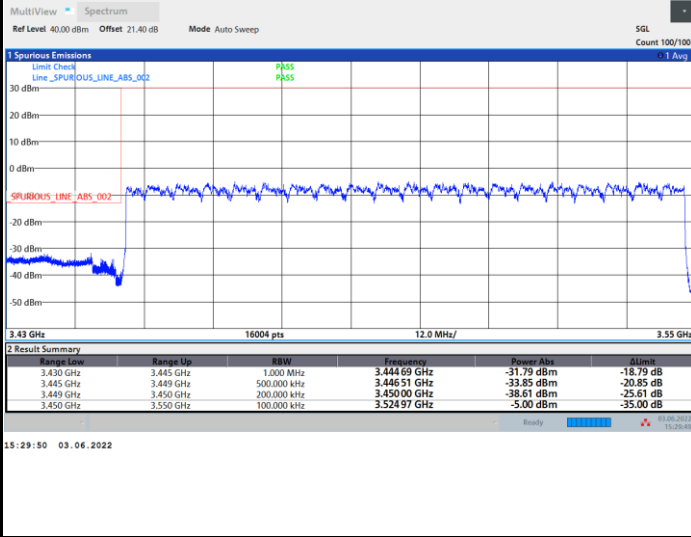




FR1 n77 / 100MHz / DFT-S OFDM / 256QAM

Lowest Band Edge / Full RB

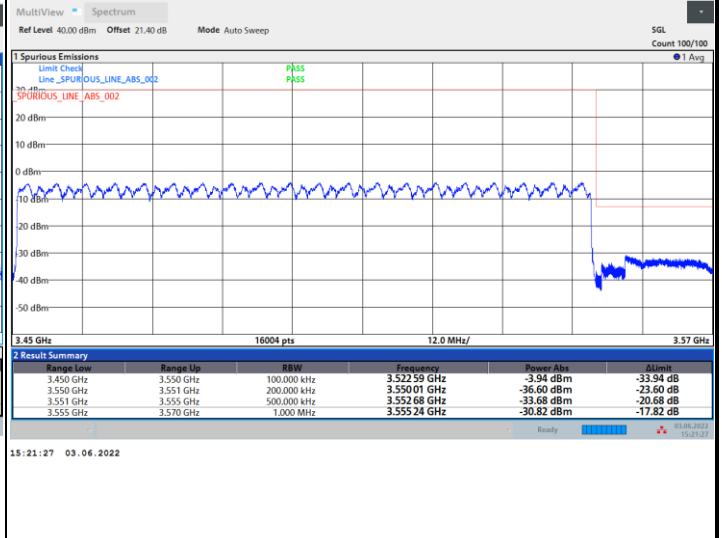
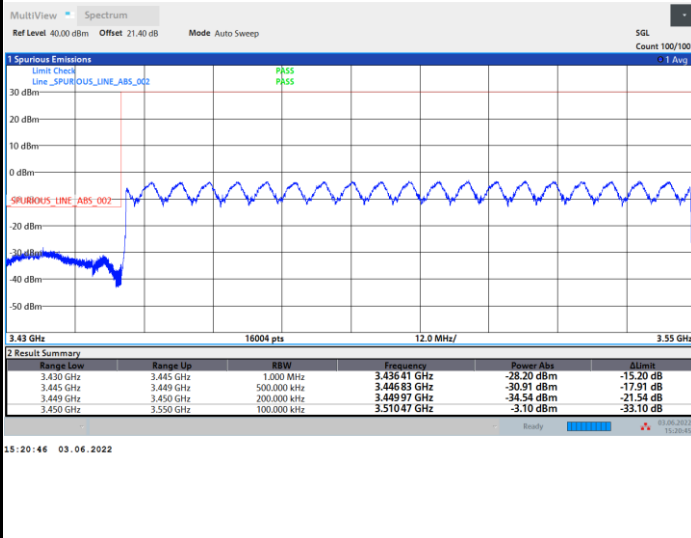
Highest Band Edge / Full RB



FR1 n77 / 100MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

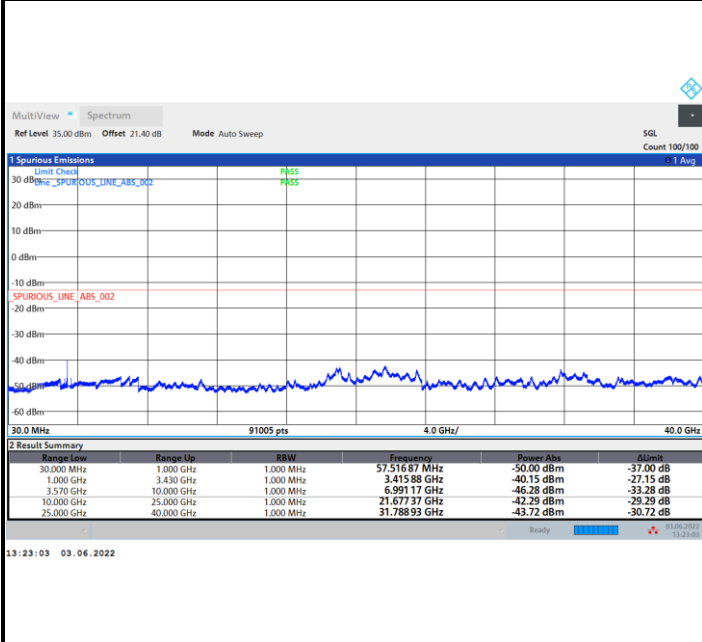




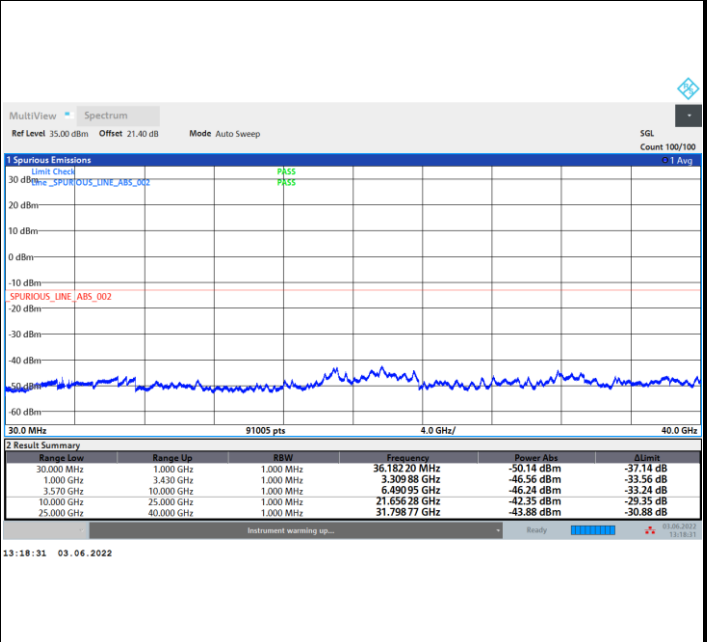
Conducted Spurious Emission

FR1 n77 / 20MHz / DFT-S OFDM / QPSK / 1RB1

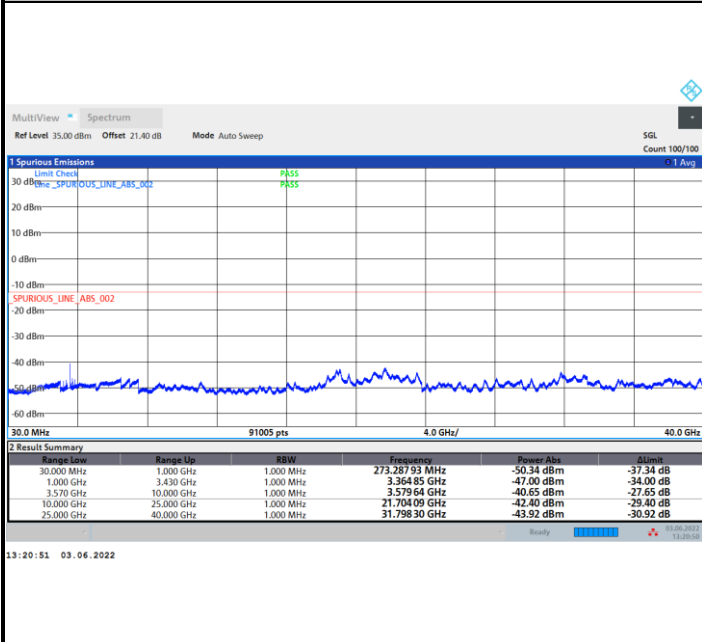
Lowest Channel



Middle Channel



Highest Channel





Frequency Stability

Test Conditions		FR1 n77 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0017	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

- 1. Normal Voltage = 7.6 V. ; Battery End Point (BEP) = 7 V. ; Maximum Voltage = 8.7 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Sample 2>

5G NR n77

5G NR n77 / 40MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	6905	-42.67	-13	-29.67	-72.08	-50.86	1.84	12.18	H
	10357	-35.99	-13	-22.99	-71.8	-42.46	2.26	10.89	H
	13809	-28.90	-13	-15.90	-72.78	-36.67	2.64	12.55	H
	20714	-63.45	-13	-50.45	-75.35	-75.99	3.22	17.91	H
	24166	-59.62	-13	-46.62	-76.82	-72.19	3.78	18.50	H
	27618	-56.49	-13	-43.49	-76.68	-69.94	3.95	19.55	H
	6905	-40.64	-13	-27.64	-70.54	-48.83	1.84	12.18	V
	10357	-36.52	-13	-23.52	-71.54	-42.99	2.26	10.89	V
	13809	-29.92	-13	-16.92	-72.78	-37.69	2.64	12.55	V
	20714	-63.58	-13	-50.58	-75.24	-76.12	3.22	17.91	V
	24166	-59.55	-13	-46.55	-76.39	-72.12	3.78	18.50	V
	27618	-56.80	-13	-43.80	-76.67	-70.25	3.95	19.55	V
Middle	6965	-42.38	-13	-29.38	-71.86	-50.33	1.84	11.94	H
	10447	-36.05	-13	-23.05	-71.96	-42.48	2.25	10.83	H
	13929	-29.28	-13	-16.28	-72.68	-36.93	2.66	12.46	H
	20894	-62.63	-13	-49.63	-74.54	-75.09	3.23	17.84	H
	24376	-59.26	-13	-46.26	-77.01	-71.97	3.76	18.63	H
	27858	-55.97	-13	-42.97	-76.26	-69.50	3.96	19.64	H
	6965	-40.81	-13	-27.81	-70.52	-48.76	1.84	11.94	V
	10447	-36.47	-13	-23.47	-71.74	-42.90	2.25	10.83	V
	13929	-30.13	-13	-17.13	-72.79	-37.78	2.66	12.46	V
	20894	-62.74	-13	-49.74	-74.37	-75.20	3.23	17.84	V
	24376	-59.72	-13	-46.72	-77.14	-72.43	3.76	18.63	V
	27858	-56.49	-13	-43.49	-76.41	-70.02	3.96	19.64	V



Highest	7025	-42.14	-13	-29.14	-71.75	-49.89	1.84	11.74	H
	10537	-36.28	-13	-23.28	-72.33	-42.66	2.25	10.78	H
	14049	-29.95	-13	-16.95	-73.04	-37.51	2.67	12.37	H
	21074	-62.15	-13	-49.15	-74.29	-74.63	3.26	17.89	H
	24586	-58.30	-13	-45.30	-76.42	-71.06	3.74	18.65	H
	28098	-56.05	-13	-43.05	-76.44	-69.57	3.97	19.64	H
	7025	-42.16	-13	-29.16	-71.89	-49.91	1.84	11.74	V
	10537	-36.69	-13	-23.69	-72.23	-43.07	2.25	10.78	V
	14049	-30.15	-13	-17.15	-72.78	-37.71	2.67	12.37	V
	21074	-63.06	-13	-50.06	-74.9	-75.54	3.26	17.89	V
	24586	-59.45	-13	-46.45	-77.26	-72.21	3.74	18.65	V
	28098	-56.21	-13	-43.21	-76.2	-69.73	3.97	19.64	V

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



EN-DC 2A n77A

EN-DC 2A_n77A / 40MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	6905	-43.06	-13	-30.06	-72.47	-51.25	1.84	12.18	H
	10357	-36.40	-13	-23.40	-72.21	-42.87	2.26	10.89	H
	13809	-29.04	-13	-16.04	-72.92	-36.81	2.64	12.55	H
	20714	-63.81	-13	-50.81	-75.71	-76.35	3.22	17.91	H
	24166	-60.47	-13	-47.47	-77.67	-73.04	3.78	18.50	H
	27618	-56.44	-13	-43.44	-76.63	-69.89	3.95	19.55	H
	6905	-41.58	-13	-28.58	-71.48	-49.77	1.84	12.18	V
	10357	-36.69	-13	-23.69	-71.71	-43.16	2.26	10.89	V
	13809	-30.12	-13	-17.12	-72.98	-37.89	2.64	12.55	V
	20714	-64.35	-13	-51.35	-76.01	-76.89	3.22	17.91	V
	24166	-60.51	-13	-47.51	-77.35	-73.08	3.78	18.50	V
	27618	-56.67	-13	-43.67	-76.54	-70.12	3.95	19.55	V
Middle	6965	-42.56	-13	-29.56	-72.04	-50.51	1.84	11.94	H
	10447	-35.86	-13	-22.86	-71.77	-42.29	2.25	10.83	H
	13929	-29.50	-13	-16.50	-72.9	-37.15	2.66	12.46	H
	20894	-63.64	-13	-50.64	-75.55	-76.10	3.23	17.84	H
	24376	-60.57	-13	-47.57	-78.32	-73.28	3.76	18.63	H
	27858	-56.92	-13	-43.92	-77.21	-70.45	3.96	19.64	H
	6965	-40.93	-13	-27.93	-70.64	-48.88	1.84	11.94	V
	10447	-36.62	-13	-23.62	-71.89	-43.05	2.25	10.83	V
	13929	-30.48	-13	-17.48	-73.14	-38.13	2.66	12.46	V
	20894	-63.71	-13	-50.71	-75.34	-76.17	3.23	17.84	V
	24376	-60.65	-13	-47.65	-78.07	-73.36	3.76	18.63	V
	27858	-56.94	-13	-43.94	-76.86	-70.47	3.96	19.64	V



Highest	7025	-42.16	-13	-29.16	-71.77	-49.91	1.84	11.74	H
	10537	-36.38	-13	-23.38	-72.43	-42.76	2.25	10.78	H
	14049	-30.22	-13	-17.22	-73.31	-37.78	2.67	12.37	H
	21074	-64.30	-13	-51.30	-76.44	-76.78	3.26	17.89	H
	24586	-60.19	-13	-47.19	-78.31	-72.95	3.74	18.65	H
	28098	-56.41	-13	-43.41	-76.8	-69.93	3.97	19.64	H
	7025	-41.63	-13	-28.63	-71.36	-49.38	1.84	11.74	V
	10537	-37.19	-13	-24.19	-72.73	-43.57	2.25	10.78	V
	14049	-30.41	-13	-17.41	-73.04	-37.97	2.67	12.37	V
	21074	-64.73	-13	-51.73	-76.57	-77.21	3.26	17.89	V
	24586	-60.00	-13	-47.00	-77.81	-72.76	3.74	18.65	V
	28098	-56.99	-13	-43.99	-76.98	-70.51	3.97	19.64	V

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