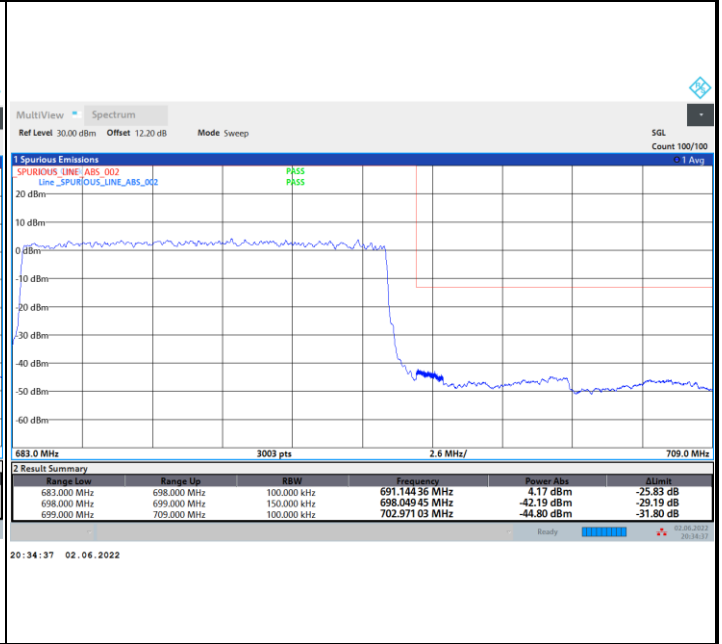




FR1 n71 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

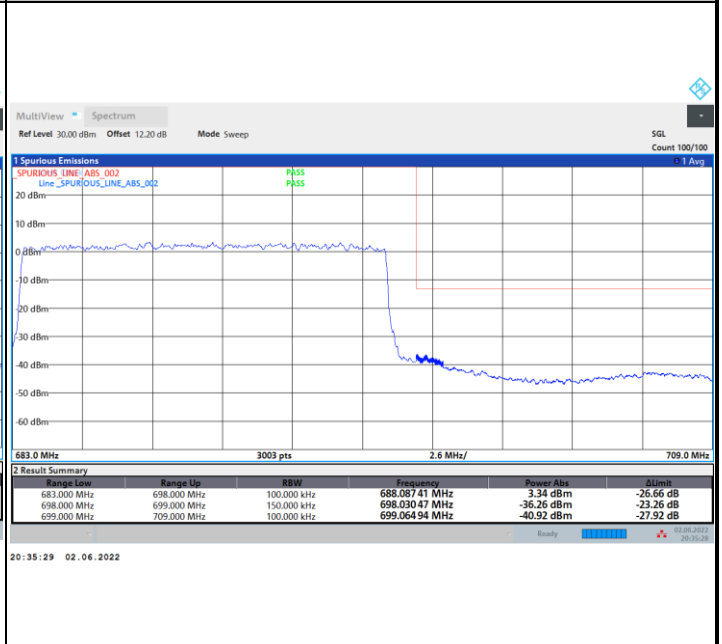
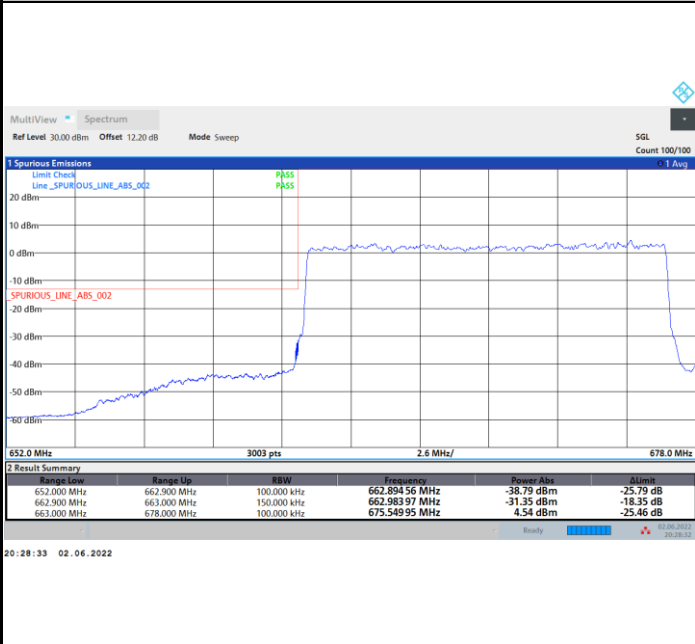
Highest Band Edge

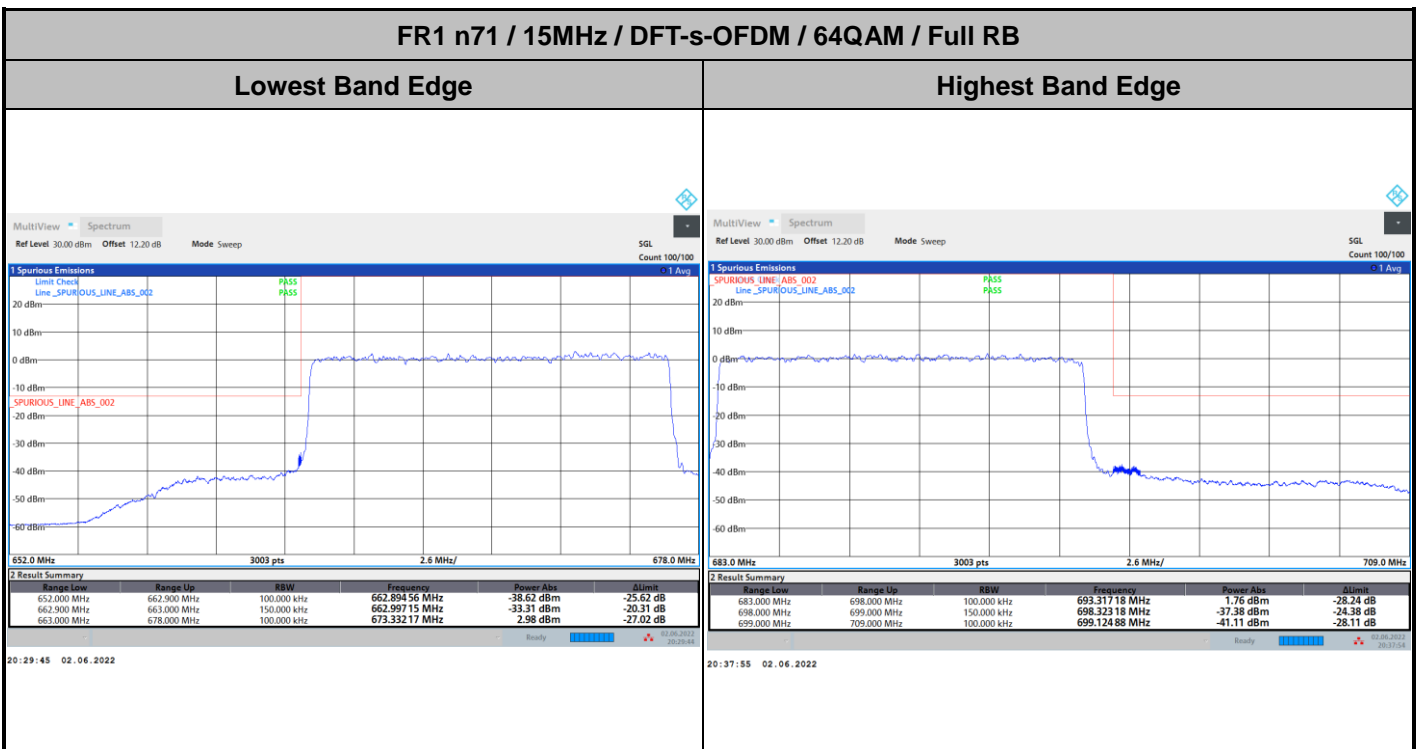
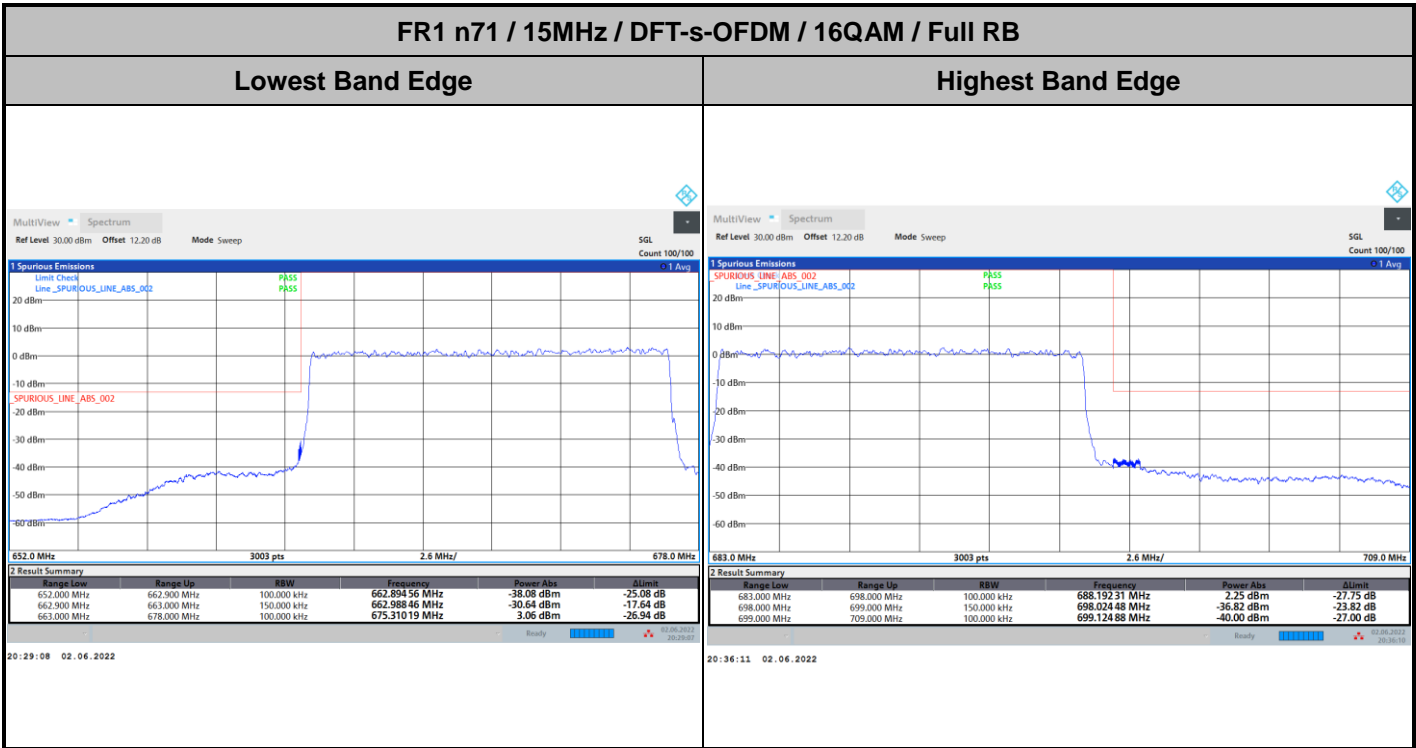


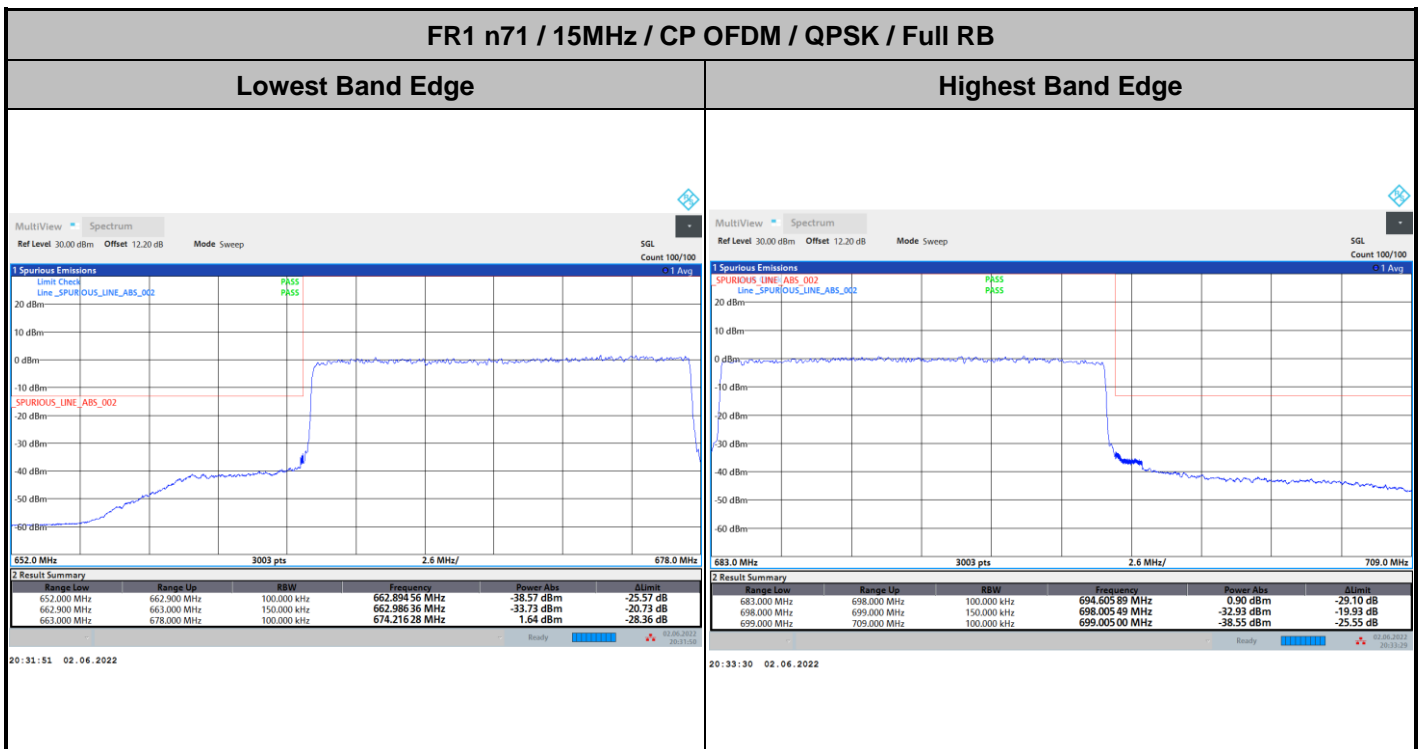
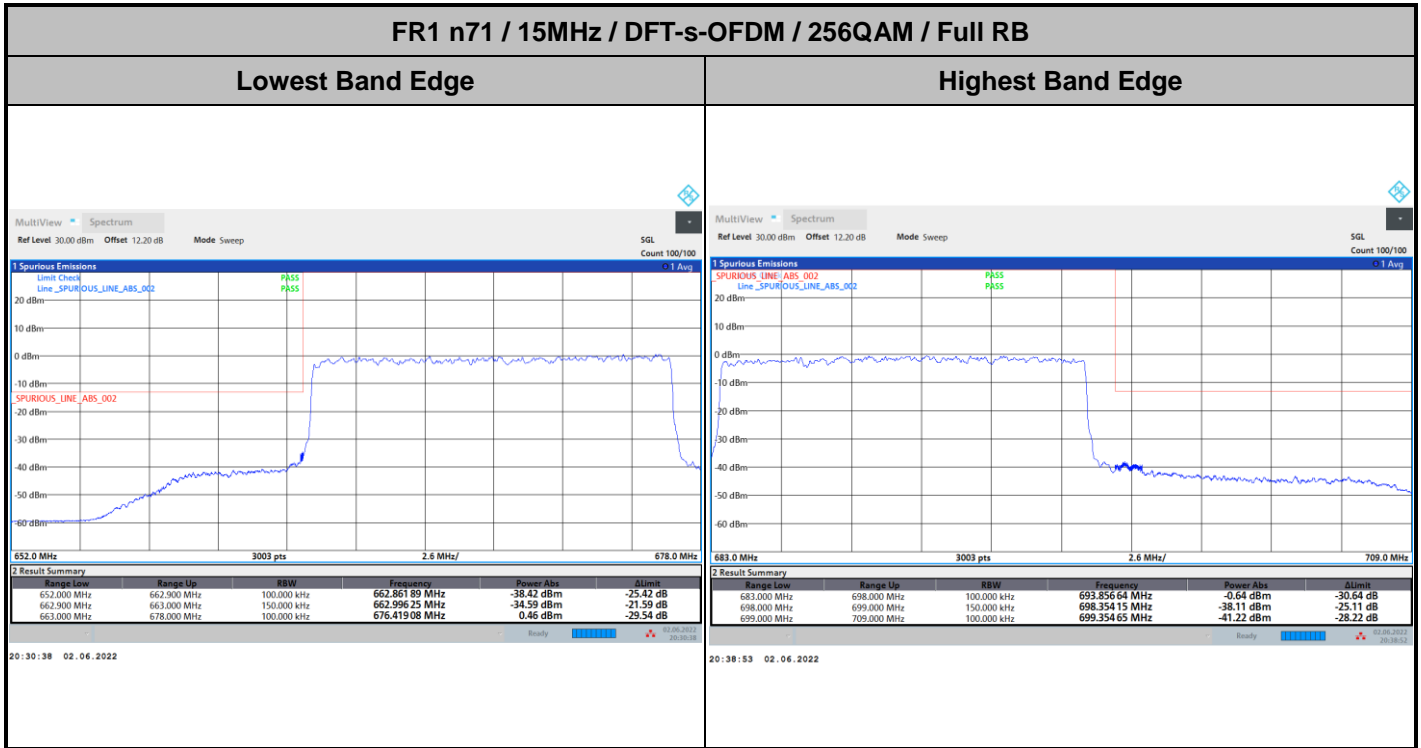
FR1 n71 / 15MHz / DFT-s-OFDM / QPSK / Full RB

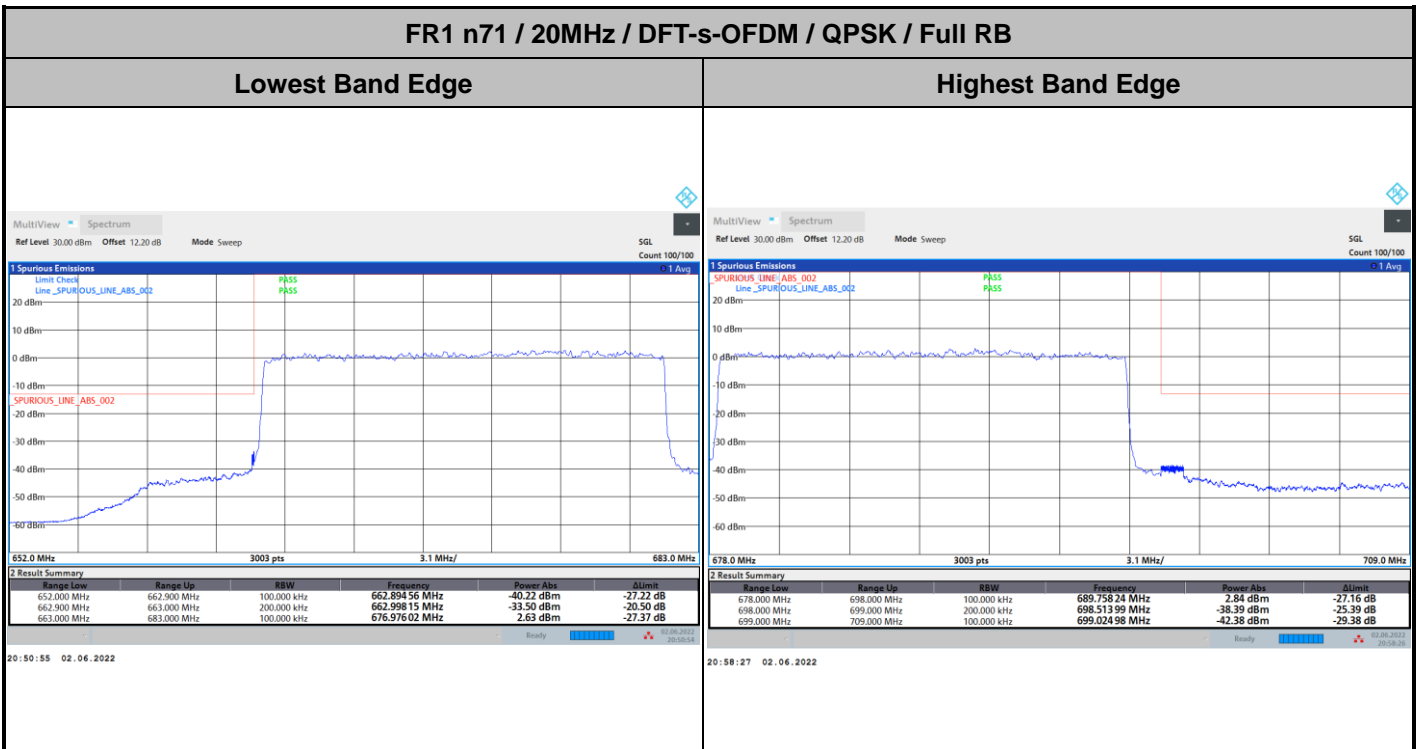
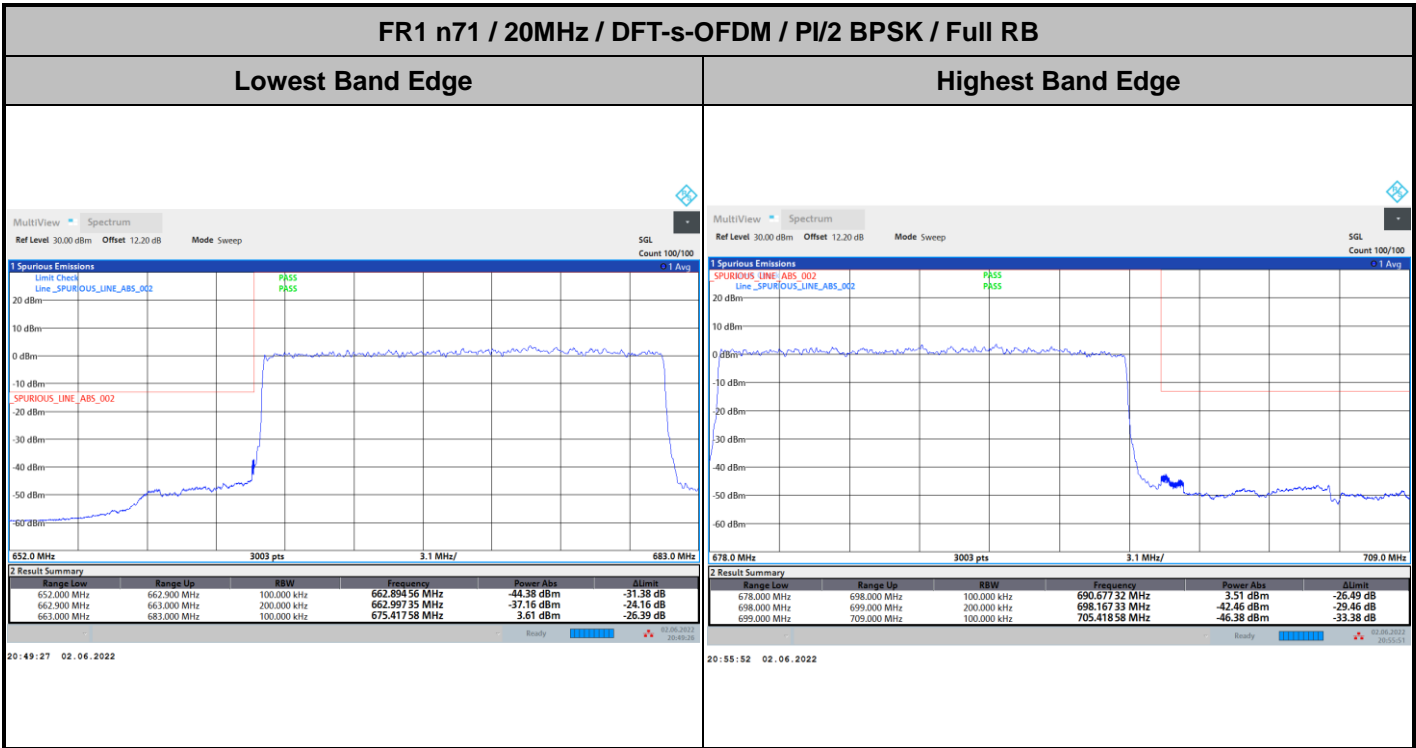
Lowest Band Edge

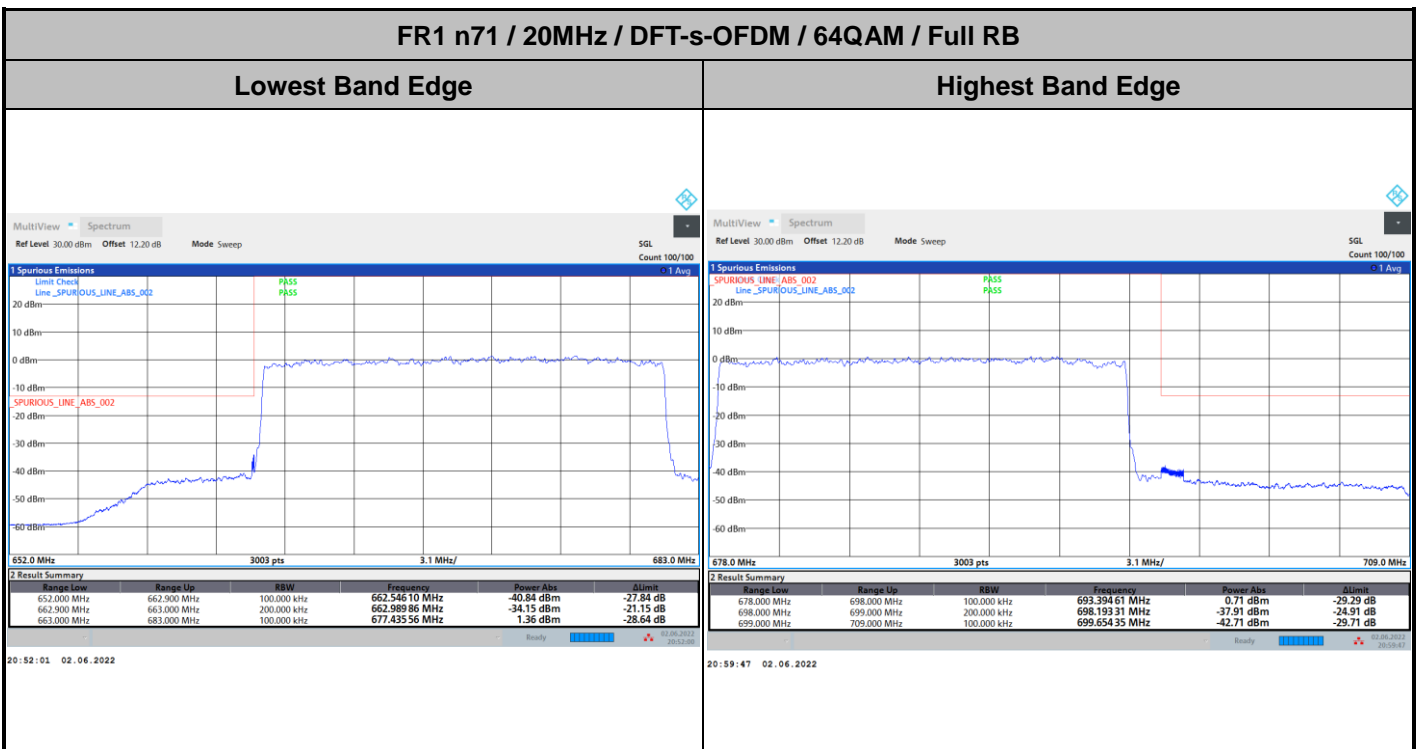
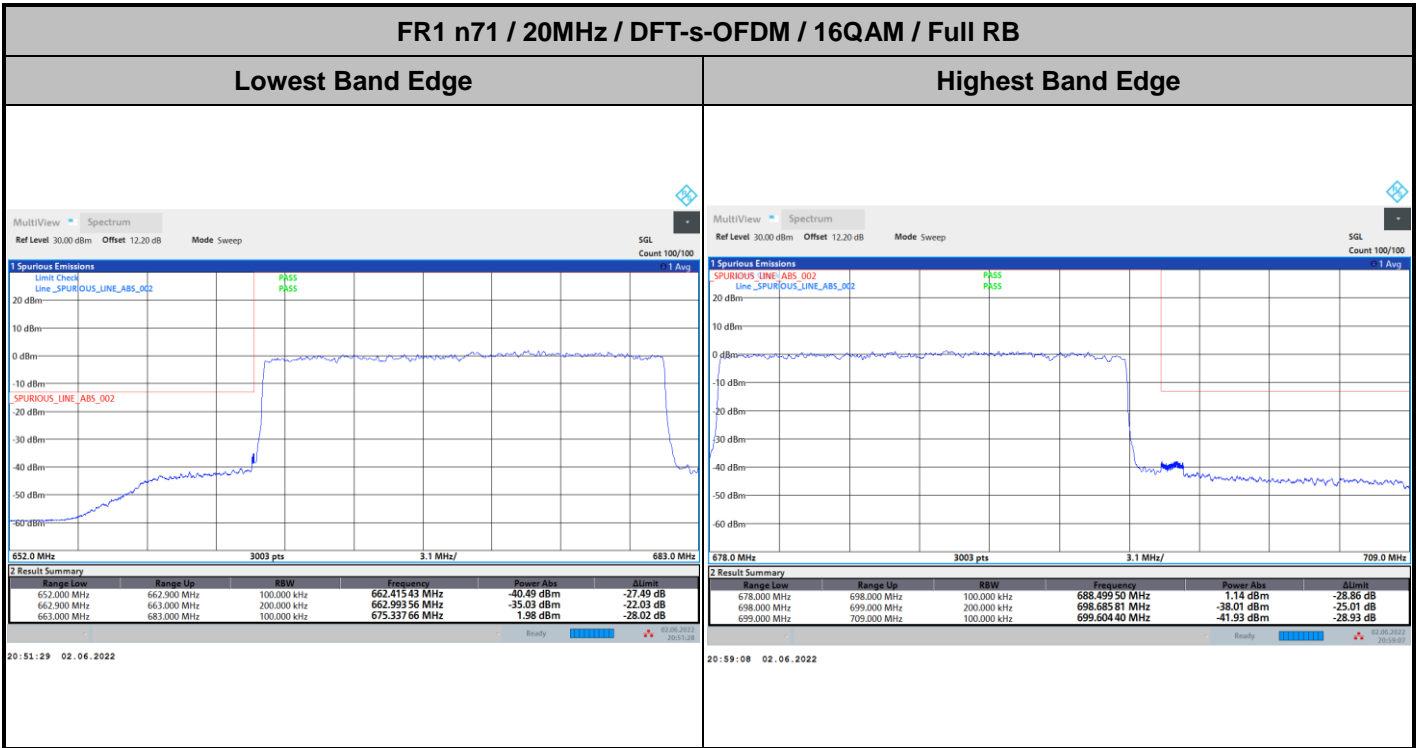
Highest Band Edge









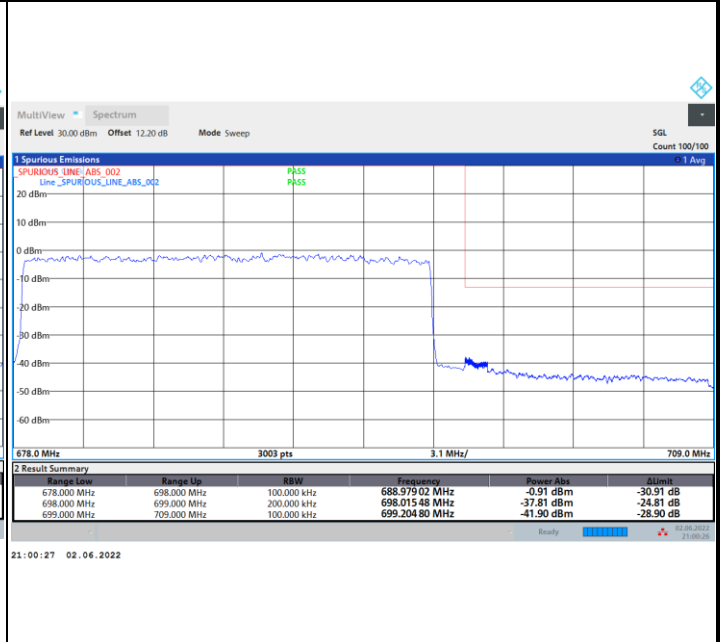
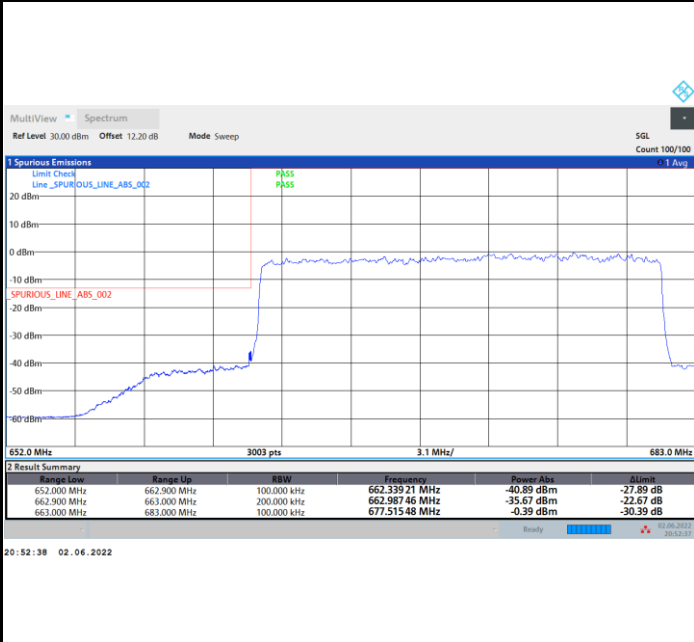




FR1 n71 / 20MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

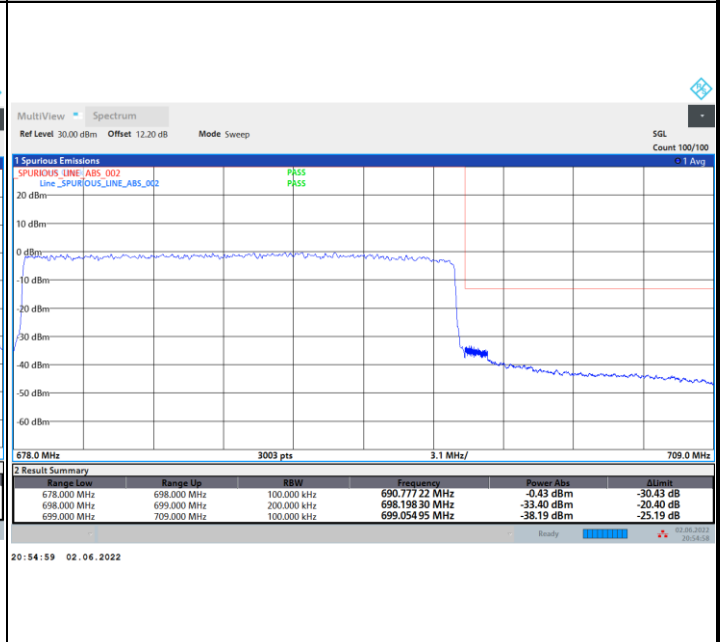
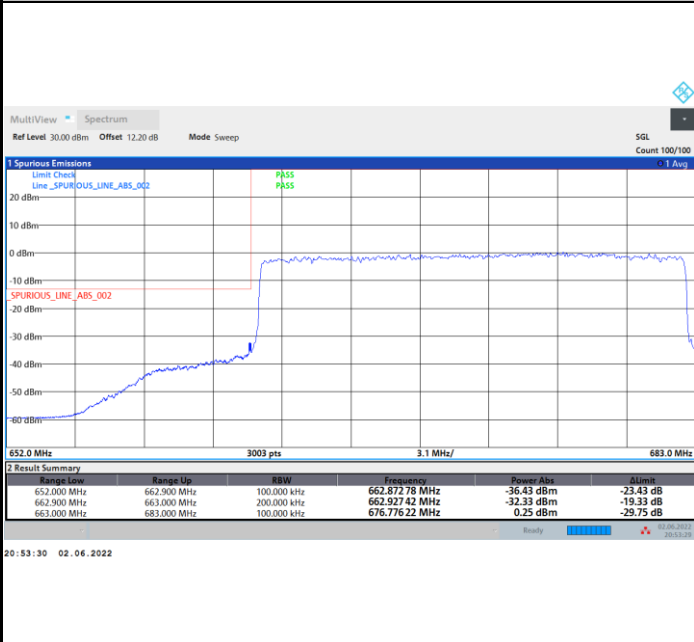
Highest Band Edge



FR1 n71 / 20MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge



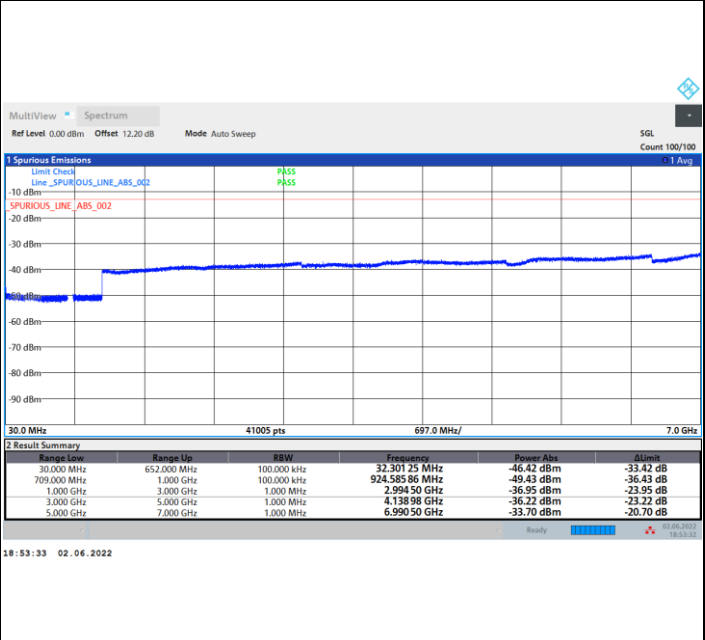
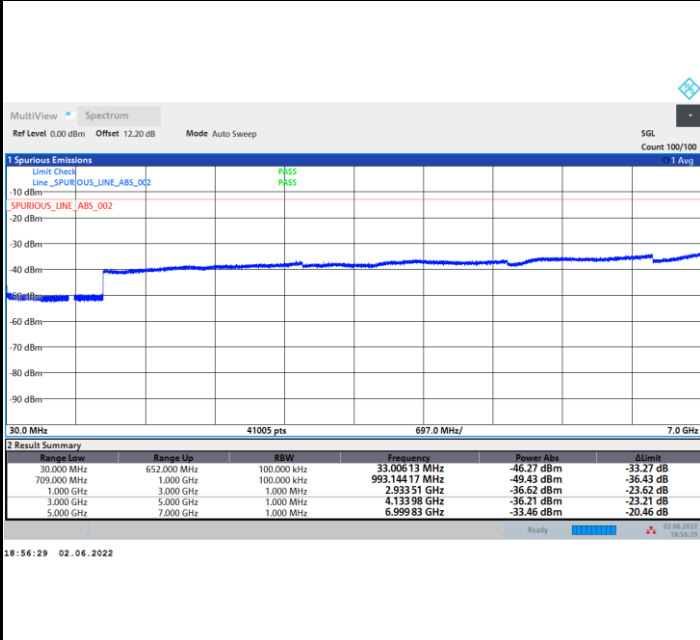


Conducted Spurious Emission

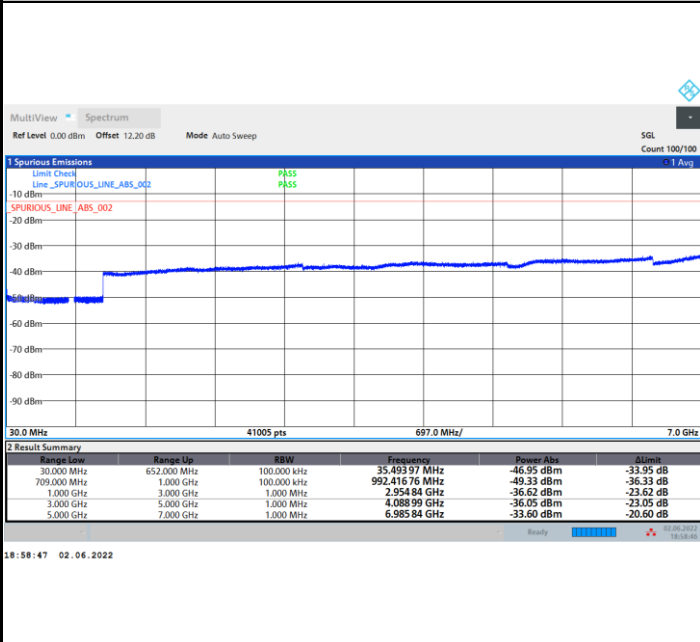
FR1 n71 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel





Frequency Stability

Test Conditions		FR1 n71 (PI/2 BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0037	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 0>

5G NR n12

5G NR n12 / 15MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-58.23	-13.00	-45.23	-69.55	-62.50	0.78	7.20	H
	2100	-56.62	-13.00	-43.62	-70.59	-63.05	0.93	9.50	H
	2800	-54.71	-13.00	-41.71	-70.77	-62.34	1.12	10.90	H
									H
									H
									H
	1400	-57.96	-13.00	-44.96	-69.36	-62.23	0.78	7.20	V
	2100	-55.96	-13.00	-42.96	-70.33	-62.39	0.93	9.50	V
	2800	-54.29	-13.00	-41.29	-70.85	-61.92	1.12	10.90	V
									V
									V
									V
Middle	1402	-58.11	-13.00	-45.11	-69.42	-62.40	0.78	7.22	H
	2104	-56.04	-13.00	-43.04	-70.06	-62.44	0.93	9.48	H
	2804	-54.56	-13.00	-41.56	-70.63	-62.20	1.12	10.90	H
									H
									H
									H
	1402	-58.35	-13.00	-45.35	-69.75	-62.64	0.78	7.22	V
	2104	-55.78	-13.00	-42.78	-70.21	-62.18	0.93	9.48	V
	2804	-53.94	-13.00	-40.94	-70.51	-61.58	1.12	10.90	V
									V
									V
									V



Highest	1404	-56.67	-13.00	-43.67	-67.98	-60.98	0.78	7.24	H
	2106	-56.06	-13.00	-43.06	-70.09	-62.45	0.93	9.47	H
	2808	-54.53	-13.00	-41.53	-70.62	-62.17	1.12	10.91	H
									H
									H
									H
	1404	-54.64	-13.00	-41.64	-66.04	-58.95	0.78	7.24	V
	2106	-55.18	-13.00	-42.18	-69.64	-61.57	0.93	9.47	V
	2808	-54.11	-13.00	-41.11	-70.68	-61.75	1.12	10.91	V
									V
									V
									V

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



5G NR n13

5G NR n13 / 5MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1555	-58.19	-13	-45.19	-69.51	-63.94	0.80	8.71	H
	2332	-55.41	-13	-42.41	-70.15	-61.93	0.99	9.66	H
	3110	-53.87	-13	-40.87	-71.04	-61.95	1.09	11.32	H
									H
									H
									H
	1555	-51.92	-13.00	-38.92	-63.25	-57.67	0.80	8.71	V
	2332	-55.70	-13	-42.70	-70.74	-62.22	0.99	9.66	V
	3110	-53.51	-13	-40.51	-70.91	-61.59	1.09	11.32	V
									V
									V
									V
Middle	1560	-58.33	-42.15	-16.18	-69.68	-64.14	0.80	8.76	H
	2340	-56.02	-13	-43.02	-70.75	-62.58	0.99	9.70	H
	3120	-53.50	-13	-40.50	-70.72	-61.60	1.09	11.34	H
									H
									H
									H
	1560	-53.21	-42.15	-11.06	-64.56	-59.02	0.80	8.76	V
	2340	-55.59	-13	-42.59	-70.59	-62.15	0.99	9.70	V
	3120	-53.29	-13	-40.29	-70.74	-61.39	1.09	11.34	V
									V
									V
									V



Highest	1565	-58.15	-42.15	-16.00	-69.51	-64.01	0.80	8.82	H
	2347	-55.58	-13	-42.58	-70.31	-62.18	0.99	9.74	H
	3130	-53.02	-13	-40.02	-70.29	-61.13	1.10	11.36	H
									H
									H
									H
	1565	-51.56	-42.15	-9.41	-62.92	-57.42	0.80	8.82	V
	2347	-55.68	-13	-42.68	-70.65	-62.28	0.99	9.74	V
	3130	-53.35	-13	-40.35	-70.86	-61.46	1.10	11.36	V
									V
									V
									V

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



5G NR n13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1558	-56.79	-13	-43.79	-68.13	-62.58	0.80	8.74	H
	2331	-54.69	-13	-41.69	-69.43	-61.21	0.99	9.66	H
	3111	-53.84	-13	-40.84	-71.03	-61.92	1.09	11.32	H
									H
									H
									H
	1558	-52.43	-13	-39.43	-63.78	-58.22	0.80	8.74	V
	2331	-55.28	-13	-42.28	-70.33	-61.80	0.99	9.66	V
	3111	-53.34	-13	-40.34	-70.75	-61.42	1.09	11.32	V
									V
									V
									V

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



5G NR n71

5G NR n71 / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-56.79	-13	-43.79	-68.25	-62.98	0.76	6.95	H
	1992	-56.81	-13	-43.81	-69.8	-65.92	0.89	10.00	H
	2657	-55.23	-13	-42.23	-70.87	-65.12	1.08	10.97	H
									H
									H
									H
	1328	-58.50	-13	-45.50	-69.77	-64.69	0.76	6.95	V
	1992	-58.12	-13	-45.12	-71.13	-67.23	0.89	10.00	V
	2657	-54.81	-13	-41.81	-70.68	-64.70	1.08	10.97	V
									V
									V
									V
Middle	1344	-53.23	-13	-40.23	-64.66	-59.47	0.76	7.00	H
	2016	-49.72	-13	-36.72	-62.91	-58.74	0.90	9.92	H
	2687	-55.02	-13	-42.02	-70.75	-64.89	1.09	10.96	H
									H
									H
									H
	1344	-53.81	-13	-40.81	-65.11	-60.05	0.76	7.00	V
	2016	-52.69	-13	-39.69	-65.96	-61.71	0.90	9.92	V
	2687	-54.71	-13	-41.71	-70.72	-64.58	1.09	10.96	V
									V
									V
									V



Highest	1358	-58.52	-13	-45.52	-69.91	-64.81	0.77	7.05	H
	2037	-57.39	-13	-44.39	-70.78	-66.30	0.90	9.82	H
	2720	-55.05	-13	-42.05	-70.88	-64.89	1.10	10.94	H
									H
									H
									H
	1358	-58.12	-13	-45.12	-69.44	-64.41	0.77	7.05	V
	2037	-57.31	-13	-44.31	-70.86	-66.22	0.90	9.82	V
	2720	-55.00	-13	-42.00	-71.17	-64.84	1.10	10.94	V
									V
									V
									V

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



<Ant. 4>

5G NR n5

5G NR n5 / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-54.34	-13	-41.34	-65.97	-60.75	0.81	9.37	H
	2476	-47.69	-13	-34.69	-62.36	-54.84	1.08	10.38	H
	3301	-53.66	-13	-40.66	-71.34	-62.46	1.10	12.06	H
									H
									H
									H
	1648	-57.79	-13	-44.79	-69.35	-64.20	0.81	9.37	V
	2476	-41.47	-13	-28.47	-56.19	-48.62	1.08	10.38	V
	3301	-53.17	-13	-40.17	-71.15	-61.97	1.10	12.06	V
									V
									V
									V
Middle	1656	-57.55	-13	-44.55	-69.18	-63.99	0.81	9.40	H
	2483	-52.11	-13	-39.11	-66.79	-59.28	1.09	10.42	H
	3312	-53.77	-13	-40.77	-71.45	-62.63	1.10	12.12	H
									H
									H
									H
	1656	-58.17	-13	-45.17	-69.73	-64.61	0.81	9.40	V
	2483	-54.54	-13	-41.54	-69.27	-61.71	1.09	10.42	V
	3312	-53.44	-13	-40.44	-71.42	-62.30	1.10	12.12	V
									V
									V
									V



Highest	1656	-57.84	-13	-44.84	-69.47	-64.28	0.81	9.40	H
	2491	-53.18	-13	-40.18	-67.86	-60.38	1.10	10.46	H
	3328	-52.73	-13	-39.73	-70.42	-61.68	1.10	12.20	H
									H
									H
									H
	1656	-59.23	-13	-46.23	-70.82	-65.67	0.81	9.40	V
	2491	-53.32	-13	-40.32	-68.05	-60.52	1.10	10.46	V
	3328	-53.35	-13	-40.35	-71.35	-62.30	1.10	12.20	V
									V
									V
									V

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



5G NR n26

5G NR n26 / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1632	-58.83	-13	-45.83	-70.43	-65.19	0.80	9.31	H
	2448	-56.03	-13	-43.03	-70.7	-63.07	1.05	10.24	H
	3264	-53.36	-13	-40.36	-71.03	-61.96	1.11	11.85	H
									H
									H
									H
	1632	-58.84	-13	-45.84	-70.33	-65.20	0.80	9.31	V
	2448	-55.15	-13	-42.15	-69.87	-62.19	1.05	10.24	V
	3264	-52.69	-13	-39.69	-70.64	-61.29	1.11	11.85	V
									V
									V
									V
Middle	1648	-57.86	-13	-44.86	-69.49	-64.27	0.81	9.37	H
	2464	-51.14	-13	-38.14	-65.81	-58.24	1.07	10.32	H
	3288	-53.09	-13	-40.09	-70.77	-61.82	1.11	11.98	H
									H
									H
									H
	1648	-56.88	-13	-43.88	-68.43	-63.29	0.81	9.37	V
	2464	-50.90	-13	-37.90	-65.62	-58.00	1.07	10.32	V
	3288	-52.73	-13	-39.73	-70.7	-61.46	1.11	11.98	V
									V
									V
									V



Highest	1656	-58.30	-13	-45.30	-69.93	-64.74	0.81	9.40	H
	2488	-55.80	-13	-42.80	-70.48	-62.99	1.10	10.44	H
	3321	-53.17	-13	-40.17	-70.87	-62.08	1.10	12.17	H
									H
									H
									H
	1656	-57.65	-13	-44.65	-69.21	-64.09	0.81	9.40	V
	2488	-54.55	-13	-41.55	-69.28	-61.74	1.10	10.44	V
	3321	-52.66	-13	-39.66	-70.66	-61.57	1.10	12.17	V
									V
									V
									V

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



5G NR n25

5G NR n25 / 20MHz / 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	3702	-51.16	-13	-38.16	-70.62	-62.03	1.23	12.10	H
	5556	-47.50	-13	-34.50	-71.69	-59.08	1.57	13.16	H
	7404	-41.22	-13	-28.22	-71.6	-50.67	1.94	11.39	H
									H
									H
									H
	3702	-50.99	-13	-37.99	-70.71	-61.86	1.23	12.10	V
	5556	-44.96	-13	-31.96	-71.86	-56.54	1.57	13.16	V
	7404	-41.22	-13	-28.22	-71.7	-50.67	1.94	11.39	V
									V
									V
									V
Middle	3744	-50.00	-13	-37.00	-69.45	-60.96	1.18	12.14	H
	5621	-44.72	-13	-31.72	-68.88	-56.44	1.50	13.22	H
	7494	-41.78	-13	-28.78	-71.91	-51.07	1.92	11.21	H
									H
									H
									H
	3744	-51.30	-13	-38.30	-71.03	-62.26	1.18	12.14	V
	5621	-42.19	-13	-29.19	-69.16	-53.91	1.50	13.22	V
	7494	-41.84	-13	-28.84	-72.09	-51.13	1.92	11.21	V
									V
									V
									V



Highest	3792	-51.49	-13	-38.49	-70.91	-62.55	1.13	12.19	H
	5688	-47.08	-13	-34.08	-71.32	-58.94	1.43	13.29	H
	7585	-41.26	-13	-28.26	-71.31	-50.91	1.89	11.54	H
									H
									H
									H
	3792	-51.16	-13	-38.16	-70.9	-62.22	1.13	12.19	V
	5688	-44.46	-13	-31.46	-71.27	-56.32	1.43	13.29	V
	7585	-41.79	-13	-28.79	-72.01	-51.44	1.89	11.54	V
									V
									V
									V

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



5G NR n66

5G NR n66 / 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	3424	-52.80	-13	-39.80	-71.61	-64.21	1.14	12.55	H
	5136	-49.16	-13	-36.16	-72.05	-60.53	1.30	12.67	H
	6850	-44.04	-13	-31.04	-72.39	-54.59	1.85	12.40	H
									H
									H
									H
	3424	-52.43	-13	-39.43	-71.37	-63.84	1.14	12.55	V
	5136	-45.28	-13	-32.28	-69	-56.65	1.30	12.67	V
	6850	-42.96	-13	-29.96	-72.03	-53.51	1.85	12.40	V
									V
									V
									V
Middle	3454	-52.03	-13	-39.03	-71.29	-63.33	1.19	12.49	H
	5181	-49.09	-13	-36.09	-72.07	-60.49	1.29	12.69	H
	6909	-43.88	-13	-30.88	-72.32	-54.20	1.84	12.16	H
									H
									H
									H
	3454	-52.43	-13	-39.43	-71.57	-63.73	1.19	12.49	V
	5181	-47.98	-13	-34.98	-71.91	-59.38	1.29	12.69	V
	6909	-43.62	-13	-30.62	-72.53	-53.94	1.84	12.16	V
									V
									V
									V



Highest	3484	-51.41	-13	-38.41	-71.1	-62.60	1.24	12.43	H
	5226	-48.80	-13	-35.80	-72.03	-60.24	1.33	12.78	H
	6969	-42.99	-13	-29.99	-71.53	-53.07	1.84	11.92	H
									H
									H
									H
	3484	-52.02	-13	-39.02	-71.35	-63.21	1.24	12.43	V
	5226	-47.59	-13	-34.59	-71.91	-59.03	1.33	12.78	V
	6969	-43.36	-13	-30.36	-72.12	-53.44	1.84	11.92	V
									V
									V
									V

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



<Ant. 6>

5G NR n7

5G NR n7 / 20MHz / 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	5004	-48.54	-25	-23.54	-71.17	-59.79	1.35	12.60	H
	7500	-42.27	-25	-17.27	-72.38	-51.55	1.92	11.20	H
	10008	-36.56	-25	-11.56	-71.57	-45.37	2.29	11.10	H
									H
									H
									H
	5004	-48.78	-25	-23.78	-71.89	-60.03	1.35	12.60	V
	7500	-41.76	-25	-16.76	-72	-51.04	1.92	11.20	V
	10008	-38.27	-25	-13.27	-71.92	-47.08	2.29	11.10	V
									V
									V
									V
Middle	5052	-49.23	-25	-24.23	-71.95	-60.52	1.33	12.63	H
	7578	-42.41	-25	-17.41	-72.47	-52.03	1.90	11.51	H
	10107	-37.08	-25	-12.08	-72.18	-45.83	2.28	11.04	H
									H
									H
									H
	5052	-48.79	-25	-23.79	-72.12	-60.08	1.33	12.63	V
	7578	-42.00	-25	-17.00	-72.22	-51.62	1.90	11.51	V
	10107	-38.06	-25	-13.06	-71.96	-46.81	2.28	11.04	V
									V
									V
									V



Highest	5100	-49.06	-25	-24.06	-71.89	-60.40	1.32	12.65	H
	7656	-42.07	-25	-17.07	-72.19	-51.81	1.89	11.63	H
	10206	-36.94	-25	-11.94	-72.12	-45.64	2.27	10.98	H
									H
									H
									H
	5100	-48.09	-25	-23.09	-71.65	-59.43	1.32	12.65	V
	7656	-41.80	-25	-16.80	-72.12	-51.54	1.89	11.63	V
	10206	-38.07	-25	-13.07	-72.22	-46.77	2.27	10.98	V
									V
									V
									V

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



5G NR n38

5G NR n38 / 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	5148	-49.78	-25	-24.78	-72.71	-61.16	1.30	12.67	H
	7717	-42.01	-25	-17.01	-72.21	-51.78	1.88	11.66	H
	10287	-37.46	-25	-12.46	-72.71	-46.12	2.27	10.93	H
									H
									H
									H
	5148	-48.82	-25	-23.82	-72.61	-60.20	1.30	12.67	V
	7717	-41.68	-25	-16.68	-72.13	-51.45	1.88	11.66	V
	10287	-37.91	-25	-12.91	-72.26	-46.57	2.27	10.93	V
									V
									V
									V
Middle	5155	-48.87	-25	-23.87	-71.8	-60.25	1.30	12.68	H
	7732	-41.64	-25	-16.64	-71.86	-51.42	1.88	11.67	H
	10309	-37.36	-25	-12.36	-72.63	-46.01	2.27	10.91	H
									H
									H
									H
	5155	-48.14	-25	-23.14	-71.95	-59.52	1.30	12.68	V
	7732	-41.80	-25	-16.80	-72.27	-51.58	1.88	11.67	V
	10309	-38.19	-25	-13.19	-72.59	-46.84	2.27	10.91	V
									V
									V
									V



Highest	5166	-50.03	-25	-25.03	-72.98	-61.42	1.29	12.68	H
	7747	-40.17	-25	-15.17	-70.41	-49.96	1.88	11.67	H
	10332	-37.20	-25	-12.20	-72.48	-45.84	2.26	10.90	H
									H
									H
									H
	5166	-49.11	-25	-24.11	-72.97	-60.50	1.29	12.68	V
	7747	-42.40	-25	-17.40	-72.9	-52.19	1.88	11.67	V
	10332	-38.17	-25	-13.17	-72.63	-46.81	2.26	10.90	V
									V
									V
									V

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



5G NR n41

5G NR n41 / 100MHz / 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	4992	-49.06	-25	-24.06	-71.69	-60.31	1.35	12.60	H
	7492	-42.39	-25	-17.39	-72.53	-51.68	1.92	11.22	H
	9990	-36.70	-25	-11.70	-71.69	-45.50	2.29	11.10	H
									H
									H
									H
	4992	-47.71	-25	-22.71	-70.79	-58.96	1.35	12.60	V
	7492	-40.97	-25	-15.97	-71.23	-50.26	1.92	11.22	V
	9990	-38.17	-25	-13.17	-71.82	-46.97	2.29	11.10	V
									V
									V
									V
Middle	5088	-48.25	-25	-23.25	-71.05	-59.57	1.32	12.64	H
	7633	-40.62	-25	-15.62	-70.71	-50.35	1.89	11.62	H
	10179	-36.17	-25	-11.17	-71.32	-44.89	2.28	10.99	H
									H
									H
									H
	5088	-47.32	-25	-22.32	-70.82	-58.64	1.32	12.64	V
	7633	-38.52	-25	-13.52	-68.8	-48.25	1.89	11.62	V
	10179	-37.28	-25	-12.28	-71.36	-46.00	2.28	10.99	V
									V
									V
									V



Highest	5183	-49.37	-25	-24.37	-72.36	-60.78	1.29	12.69	H
	7774	-41.08	-25	-16.08	-71.35	-50.89	1.88	11.69	H
	10365	-36.80	-25	-11.80	-72.11	-45.42	2.26	10.88	H
									H
									H
									H
	5183	-48.47	-25	-23.47	-72.41	-59.88	1.29	12.69	V
	7774	-38.89	-25	-13.89	-69.44	-48.70	1.88	11.69	V
	10365	-37.61	-25	-12.61	-72.15	-46.23	2.26	10.88	V
									V
									V
									V

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



<Ant. 0 + Ant. 2>

EN-DC 12A n25A

EN-DC 12A_n25A / 20MHz / 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	3702	-49.27	-13	-36.27	-68.73	-60.14	1.23	12.10	H
	5550	-37.10	-13	-24.10	-61.29	-48.67	1.58	13.15	H
	7405	-41.39	-13	-28.39	-71.77	-50.84	1.94	11.39	H
									H
									H
									H
	3702	-45.71	-13	-32.71	-65.43	-56.58	1.23	12.10	V
	5550	-34.11	-13	-21.11	-60.99	-45.68	1.58	13.15	V
	7405	-40.60	-13	-27.60	-71.07	-50.05	1.94	11.39	V
									V
									V
									V
Middle	3744	-41.93	-13	-28.93	-61.38	-52.89	1.18	12.14	H
	5622	-34.08	-13	-21.08	-58.24	-45.81	1.50	13.22	H
	7495	-41.49	-13	-28.49	-71.62	-50.78	1.92	11.21	H
									H
									H
									H
	3744	-38.77	-13	-25.77	-58.5	-49.73	1.18	12.14	V
	5622	-29.55	-13	-16.55	-56.52	-41.28	1.50	13.22	V
	7495	-41.29	-13	-28.29	-71.54	-50.58	1.92	11.21	V
									V
									V
									V



Highest	3792	-49.95	-13	-36.95	-69.58	-61.01	1.13	12.19	H
	5688	-47.18	-13	-34.18	-71.43	-59.04	1.43	13.29	H
	7585	-41.92	-13	-28.92	-71.97	-51.57	1.89	11.54	H
									H
									H
									H
	3792	-46.95	-13	-33.95	-66.9	-58.01	1.13	12.19	V
	5688	-44.68	-13	-31.68	-71.5	-56.54	1.43	13.29	V
	7585	-42.01	-13	-29.01	-72.23	-51.66	1.89	11.54	V
									V
									V
									V

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



<Ant. 0 + Ant. 12>

EN-DC 13A n7A

EN-DC 13A_n7A / 10+20MHz / 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	5004	-49.16	-25	-24.16	-71.79	-60.41	1.35	12.60	H
	7503	-42.21	-25	-17.21	-72.33	-51.50	1.92	11.21	H
	10008	-36.83	-25	-11.83	-71.84	-45.64	2.29	11.10	H
									H
									H
									H
	5004	-48.87	-25	-23.87	-71.98	-60.12	1.35	12.60	V
	7503	-41.87	-25	-16.87	-72.12	-51.16	1.92	11.21	V
	10008	-38.22	-25	-13.22	-71.87	-47.03	2.29	11.10	V
									V
									V
									V
Middle	5052	-49.28	-25	-24.28	-72	-60.57	1.33	12.63	H
	7578	-42.45	-25	-17.45	-72.51	-52.07	1.90	11.51	H
	10107	-37.09	-25	-12.09	-72.19	-45.84	2.28	11.04	H
									H
									H
									H
	5052	-48.61	-25	-23.61	-71.94	-59.90	1.33	12.63	V
	7578	-42.50	-25	-17.50	-72.72	-52.12	1.90	11.51	V
	10107	-38.29	-25	-13.29	-72.19	-47.04	2.28	11.04	V
									V
									V
									V



Highest	5102	-48.70	-25	-23.70	-71.53	-60.04	1.31	12.65	H
	7653	-42.25	-25	-17.25	-72.36	-51.99	1.89	11.63	H
	10206	-37.12	-25	-12.12	-72.3	-45.82	2.27	10.98	H
									H
									H
									H
	5102	-48.31	-25	-23.31	-71.88	-59.65	1.31	12.65	V
	7653	-42.15	-25	-17.15	-72.47	-51.89	1.89	11.63	V
	10206	-38.22	-25	-13.22	-72.37	-46.92	2.27	10.98	V
									V
									V
									V

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



<Ant. 2 + Ant. 4>

EN-DC 2A n12A

EN-DC 2A_n12A / 15MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400	-48.75	-13.00	-35.75	-70.07	-53.02	0.78	7.20	H
	2100	-46.43	-13.00	-33.43	-70.42	-52.85	0.93	9.50	H
	2800	-44.60	-13.00	-31.60	-70.68	-52.23	1.12	10.90	H
									H
									H
									H
	1400	-48.67	-13.00	-35.67	-70.07	-52.94	0.78	7.20	V
	2100	-45.78	-13.00	-32.78	-70.17	-52.20	0.93	9.50	V
	2800	-44.61	-13.00	-31.61	-71.19	-52.24	1.12	10.90	V
									V
									V
									V
Middle	1402	-48.53	-13.00	-35.53	-69.84	-52.82	0.78	7.22	H
	2103	-46.26	-13.00	-33.26	-70.28	-52.67	0.93	9.49	H
	2804	-44.69	-13.00	-31.69	-70.77	-52.32	1.12	10.90	H
									H
									H
									H
	1402	-48.57	-13.00	-35.57	-69.97	-52.86	0.78	7.22	V
	2103	-45.18	-13.00	-32.18	-69.61	-51.59	0.93	9.49	V
	2804	-44.25	-13.00	-31.25	-70.83	-51.88	1.12	10.90	V
									V
									V
									V



Highest	1404	-48.77	-13.00	-35.77	-70.08	-53.08	0.78	7.24	H
	2106	-46.57	-13.00	-33.57	-70.62	-52.96	0.93	9.47	H
	2808	-44.73	-13.00	-31.73	-70.84	-52.37	1.12	10.91	H
									H
									H
									H
	1404	-48.52	-13.00	-35.52	-69.92	-52.83	0.78	7.24	V
	2106	-46.07	-13.00	-33.07	-70.55	-52.46	0.93	9.47	V
	2808	-44.06	-13.00	-31.06	-70.65	-51.70	1.12	10.91	V
									V
									V
									V

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



EN-DC 66A n71A

EN-DC 66A_n71A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-48.33	-13	-35.33	-69.79	-54.52	0.76	6.95	H
	1992	-47.53	-13	-34.53	-70.54	-56.64	0.89	10.00	H
	2657	-44.13	-13	-31.13	-69.8	-54.02	1.08	10.97	H
									H
									H
									H
	1328	-48.19	-13	-35.19	-69.43	-54.38	0.76	6.95	V
	1992	-47.30	-13	-34.30	-70.33	-56.41	0.89	10.00	V
	2657	-44.13	-13	-31.13	-70.03	-54.02	1.08	10.97	V
									V
									V
									V
Middle	1343	-47.47	-13	-34.47	-68.88	-53.71	0.76	7.00	H
	2016	-30.60	-13	-17.60	-53.81	-39.62	0.90	9.92	H
	2687	-43.74	-13	-30.74	-69.5	-53.61	1.09	10.96	H
									H
									H
									H
	1343	-48.37	-13	-35.37	-69.65	-54.61	0.76	7.00	V
	2016	-34.46	-13	-21.46	-57.75	-43.48	0.90	9.92	V
	2687	-43.91	-13	-30.91	-69.95	-53.78	1.09	10.96	V
									V
									V
									V



Highest	1358	-48.56	-13	-35.56	-69.95	-54.85	0.77	7.05	H
	20373	-46.77	-13	-33.77	-70.18	-61.41	3.20	17.85	H
	2717	-44.24	-13	-31.24	-70.08	-54.09	1.10	10.94	H
									H
									H
									H
	1358	-48.18	-13	-35.18	-69.5	-54.47	0.77	7.05	V
	20373	-46.82	-13	-33.82	-70.39	-61.46	3.20	17.85	V
	2717	-43.73	-13	-30.73	-69.9	-53.58	1.10	10.94	V
									V
									V
									V

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



<Ant. 4 + Ant. 2>

EN-DC 66A n2A

EN-DC 66A_n2A / 20MHz / 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	3702	-51.73	-13	-38.73	-71.19	-62.60	1.23	12.10	H
	5550	-46.20	-13	-33.20	-70.39	-57.77	1.58	13.15	H
	7405	-41.94	-13	-28.94	-72.32	-51.39	1.94	11.39	H
									H
									H
									H
	3702	-51.31	-13	-38.31	-71.03	-62.18	1.23	12.10	V
	5550	-41.83	-13	-28.83	-68.71	-53.40	1.58	13.15	V
	7405	-41.55	-13	-28.55	-72.02	-51.00	1.94	11.39	V
									V
									V
									V
Middle	3744	-51.65	-13	-38.65	-71.1	-62.61	1.18	12.14	H
	5610	-41.17	-13	-28.17	-65.32	-52.87	1.51	13.21	H
	7485	-42.41	-13	-29.41	-72.56	-51.72	1.92	11.23	H
									H
									H
									H
	3744	-51.15	-13	-38.15	-70.88	-62.11	1.18	12.14	V
	5610	-45.01	-13	-32.01	-72.01	-56.71	1.51	13.21	V
	7485	-41.92	-13	-28.92	-72.2	-51.23	1.92	11.23	V
									V
									V
									V



Highest	3782	-51.42	-13	-38.42	-70.85	-62.46	1.14	12.18	H
	5670	-47.62	-13	-34.62	-71.84	-59.44	1.45	13.27	H
	7565	-42.09	-13	-29.09	-72.16	-51.65	1.90	11.46	H
									H
									H
									H
	3783	-51.14	-13	-38.14	-70.87	-62.18	1.14	12.18	V
	5670	-45.14	-13	-32.14	-72	-56.96	1.45	13.27	V
	7565	-41.70	-13	-28.70	-71.92	-51.26	1.90	11.46	V
									V
									V
									V

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



<Ant. 4 + Ant. 12>

EN-DC 5A n38A

EN-DC 5A_n38A / 10+20MHz / 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	5142	-48.66	-25	-23.66	-71.58	-60.03	1.30	12.67	H
	7713	-41.48	-25	-16.48	-71.67	-51.25	1.88	11.66	H
	10285	-36.87	-25	-11.87	-72.12	-45.53	2.27	10.93	H
									H
									H
									H
	5142	-47.82	-25	-22.82	-71.58	-59.19	1.30	12.67	V
	7713	-41.13	-25	-16.13	-71.56	-50.90	1.88	11.66	V
	10285	-37.72	-25	-12.72	-72.07	-46.38	2.27	10.93	V
									V
									V
									V
Middle	5172	-48.85	-25	-23.85	-71.81	-60.25	1.29	12.69	H
	7758	-41.66	-25	-16.66	-71.91	-51.46	1.88	11.68	H
	10345	-36.38	-25	-11.38	-71.68	-45.01	2.26	10.89	H
									H
									H
									H
	5172	-47.36	-25	-22.36	-71.25	-58.76	1.29	12.69	V
	7758	-41.30	-25	-16.30	-71.82	-51.10	1.88	11.68	V
	10345	-37.14	-25	-12.14	-71.63	-45.77	2.26	10.89	V
									V
									V
									V



Highest	5202	-48.16	-25	-23.16	-71.2	-59.58	1.28	12.71	H
	7803	-40.51	-25	-15.51	-70.84	-50.32	1.88	11.69	H
	10405	-36.31	-25	-11.31	-71.65	-44.91	2.26	10.86	H
									H
									H
									H
	5202	-47.08	-25	-22.08	-71.13	-58.50	1.28	12.71	V
	7803	-38.46	-25	-13.46	-69.08	-48.27	1.88	11.69	V
	10405	-37.07	-25	-12.07	-71.7	-45.67	2.26	10.86	V
									V
									V
									V

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



EN-DC 2A n41A

EN-DC 2A_n41A / 10+100MHz / 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	4994	-48.71	-25	-23.71	-71.34	-59.96	1.35	12.60	H
	7494	-41.10	-25	-16.10	-71.23	-50.39	1.92	11.21	H
	9990	-36.35	-25	-11.35	-71.34	-45.15	2.29	11.10	H
									H
									H
									H
	4994	-48.09	-25	-23.09	-71.17	-59.34	1.35	12.60	V
	7494	-40.75	-25	-15.75	-71	-50.04	1.92	11.21	V
	9990	-37.60	-25	-12.60	-71.25	-46.40	2.29	11.10	V
									V
									V
									V
Middle	5088	-48.19	-25	-23.19	-70.99	-59.51	1.32	12.64	H
	7632	-41.69	-25	-16.69	-71.78	-51.42	1.89	11.62	H
	10177	-36.11	-25	-11.11	-71.26	-44.83	2.28	10.99	H
									H
									H
									H
	5088	-47.72	-25	-22.72	-71.22	-59.04	1.32	12.64	V
	7632	-41.26	-25	-16.26	-71.54	-50.99	1.89	11.62	V
	10177	-37.55	-25	-12.55	-71.62	-46.27	2.28	10.99	V
									V
									V
									V



Highest	5184	-49.15	-25	-24.15	-72.14	-60.56	1.29	12.69	H
	7773	-39.00	-25	-14.00	-69.27	-48.81	1.88	11.69	H
	10368	-36.39	-25	-11.39	-71.7	-45.01	2.26	10.88	H
									H
									H
									H
	5184	-47.88	-25	-22.88	-71.82	-59.29	1.29	12.69	V
	7773	-40.69	-25	-15.69	-71.24	-50.50	1.88	11.69	V
	10368	-37.82	-25	-12.82	-72.36	-46.44	2.26	10.88	V
									V
									V
									V

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



<Ant. 6 + Ant. 0>

EN-DC 7A n5A

EN-DC 7A_n5A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-50.86	-13	-37.86	-82.49	-57.27	0.81	9.37	H
	2476	-42.18	-13	-29.18	-76.91	-49.33	1.08	10.38	H
	3301	-53.48	-13	-40.48	-91.19	-62.28	1.10	12.06	H
									H
									H
									H
	1648	-55.53	-13	-42.53	-87.08	-61.94	0.81	9.37	V
	2476	-39.24	-13	-26.24	-74.02	-46.39	1.08	10.38	V
	3301	-53.22	-13	-40.22	-91.23	-62.02	1.10	12.06	V
									V
									V
									V
Middle	1656	-54.10	-13	-41.10	-85.74	-60.54	0.81	9.40	H
	2480	-47.78	-13	-34.78	-82.51	-54.94	1.09	10.40	H
	3312	-53.32	-13	-40.32	-91.03	-62.18	1.10	12.12	H
									H
									H
									H
	1656	-56.28	-13	-43.28	-87.85	-62.72	0.81	9.40	V
	2480	-42.93	-13	-29.93	-77.71	-50.09	1.09	10.40	V
	3312	-52.98	-13	-39.98	-90.99	-61.84	1.10	12.12	V
									V
									V
									V



Highest	1661	-53.69	-13	-40.69	-85.34	-60.14	0.81	9.41	H
	2491	-51.35	-13	-38.35	-86.09	-58.55	1.10	10.46	H
	3321	-53.25	-13	-40.25	-90.98	-62.16	1.10	12.17	H
									H
									H
									H
	1661	-57.89	-13	-44.89	-89.48	-64.34	0.81	9.41	V
	2491	-47.57	-13	-34.57	-82.36	-54.77	1.10	10.46	V
	3321	-53.04	-13	-40.04	-91.07	-61.95	1.10	12.17	V
									V
									V
									V

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



<Ant. 6 + Ant. 2>

EN-DC 7A n66A

EN-DC 7A_n66A / 10+20MHz / 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	3420	-52.23	-13	-39.23	-71	-63.66	1.13	12.56	H
	5133	-48.55	-13	-35.55	-71.44	-59.91	1.30	12.67	H
	6845	-43.80	-13	-30.80	-72.14	-54.37	1.85	12.42	H
									H
									H
									H
	3420	-52.05	-13	-39.05	-70.98	-63.48	1.13	12.56	V
	5133	-47.72	-13	-34.72	-71.43	-59.08	1.30	12.67	V
	6845	-43.37	-13	-30.37	-72.46	-53.94	1.85	12.42	V
									V
									V
									V
Middle	3472	-52.00	-13	-39.00	-71.51	-63.23	1.22	12.46	H
	5208	-44.43	-13	-31.43	-67.52	-55.86	1.30	12.72	H
	6945	-43.73	-13	-30.73	-72.22	-53.91	1.84	12.02	H
									H
									H
									H
	3472	-52.21	-13	-39.21	-71.46	-63.44	1.22	12.46	V
	5208	-46.33	-13	-33.33	-70.44	-57.76	1.30	12.72	V
	6945	-43.28	-13	-30.28	-72.09	-53.46	1.84	12.02	V
									V
									V
									V



Highest	3522	-51.73	-13	-38.73	-71.56	-62.76	1.29	12.31	H
	5283	-47.95	-13	-34.95	-71.62	-59.45	1.45	12.95	H
	7045	-43.32	-13	-30.32	-72.12	-53.17	1.84	11.69	H
									H
									H
									H
	3522	-51.97	-13	-38.97	-71.45	-63.00	1.29	12.31	V
	5283	-45.40	-13	-32.40	-70.35	-56.90	1.45	12.95	V
	7045	-43.24	-13	-30.24	-72.2	-53.09	1.84	11.69	V
									V
									V
									V

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