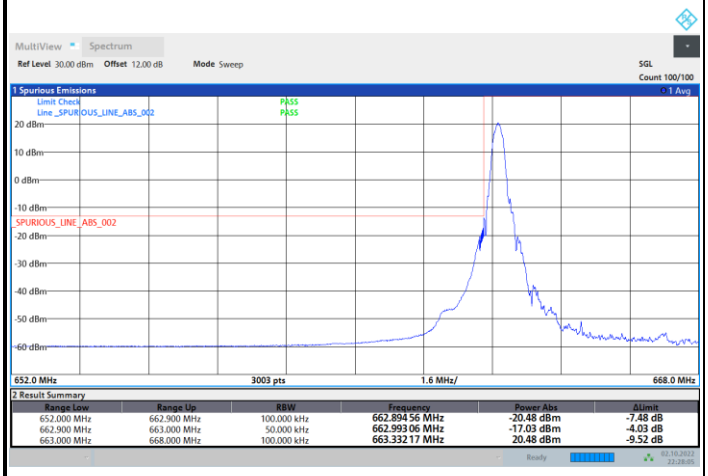
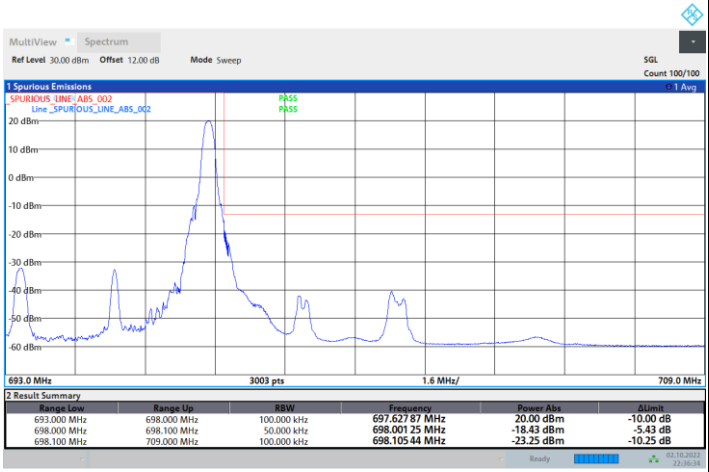
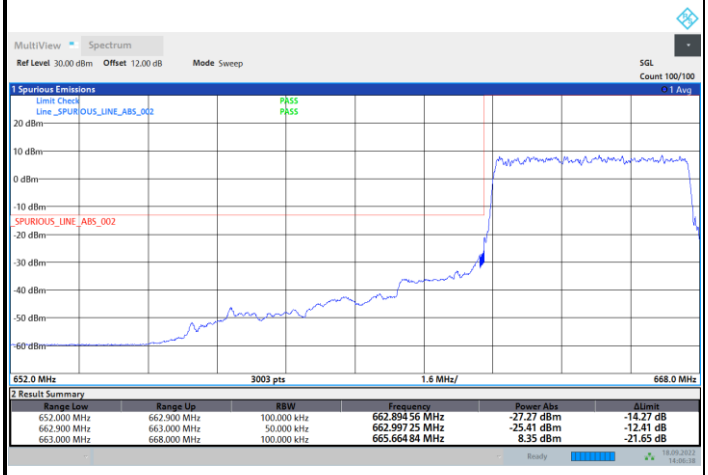
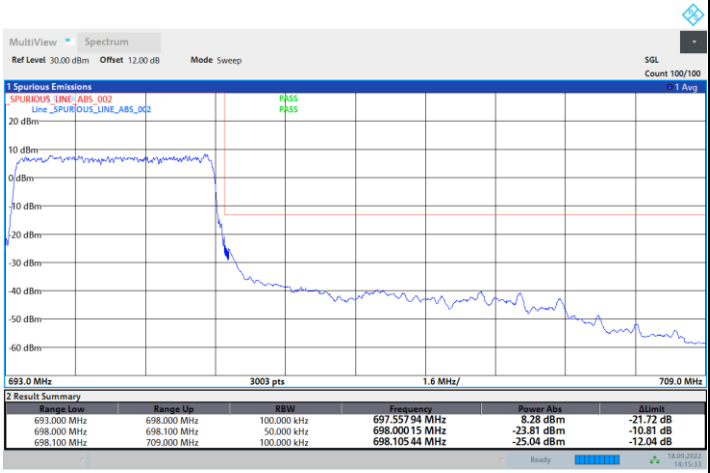
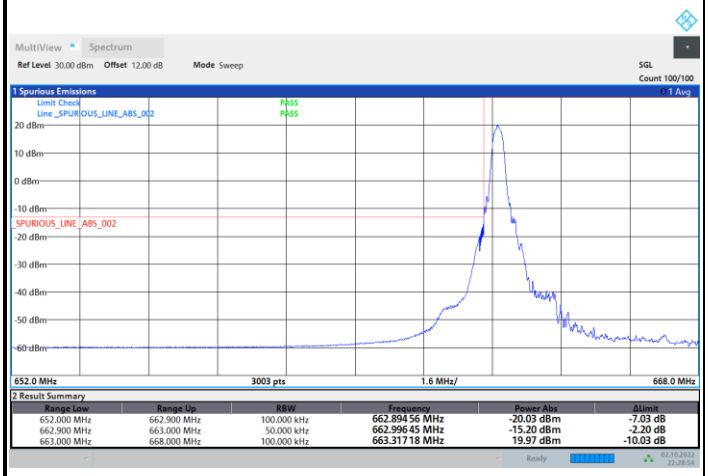
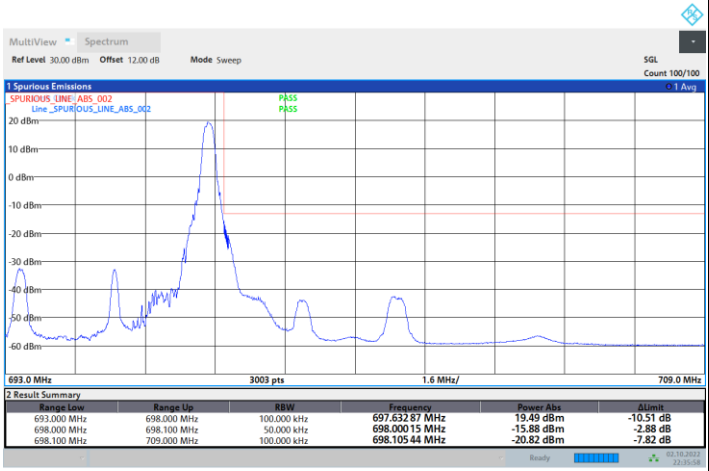
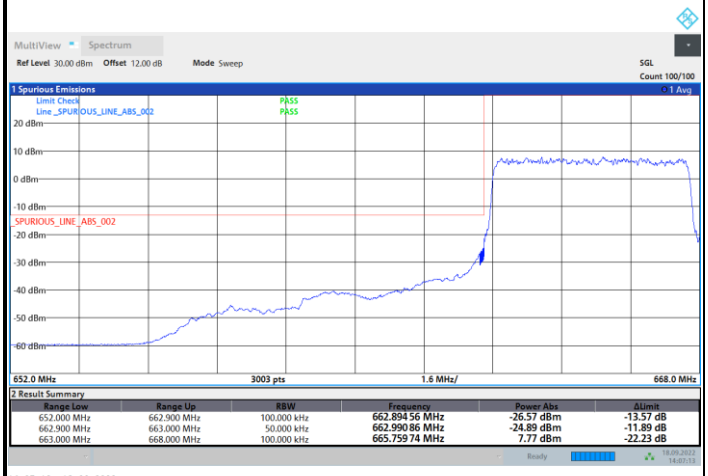
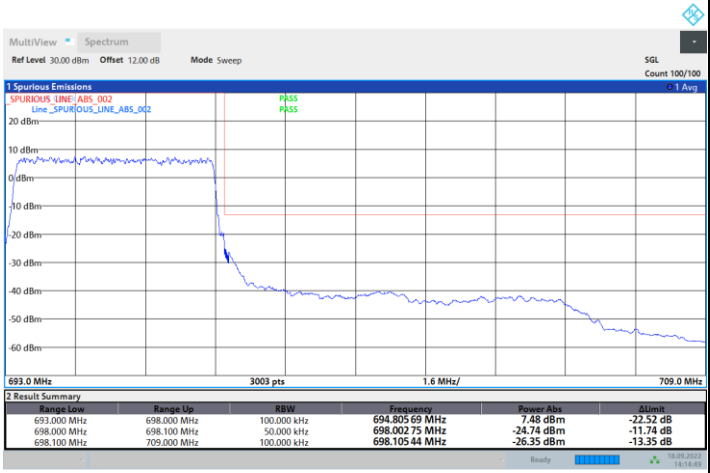
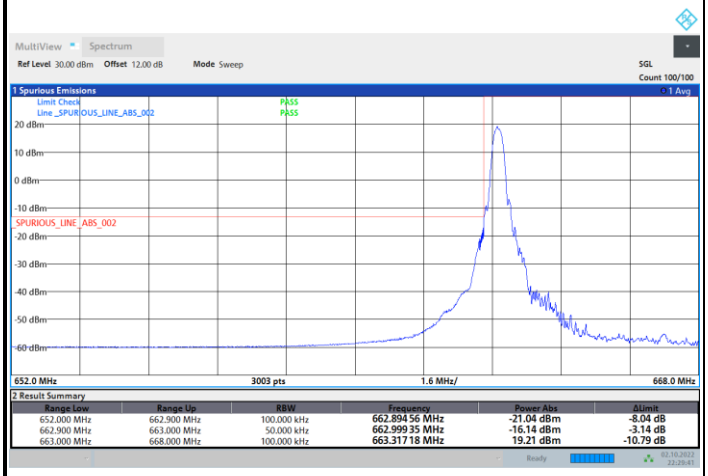
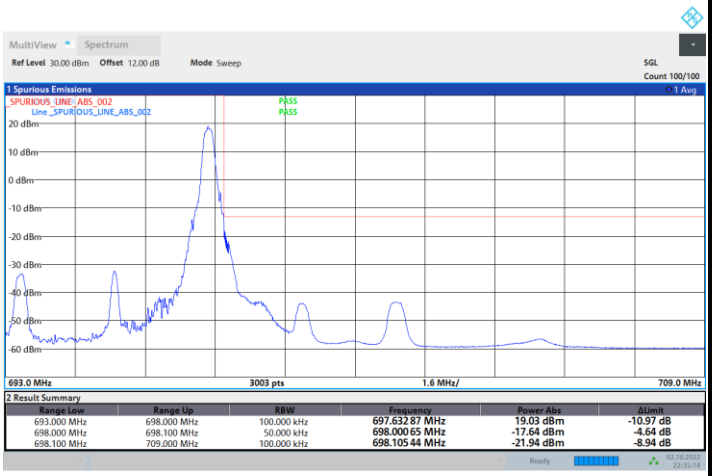
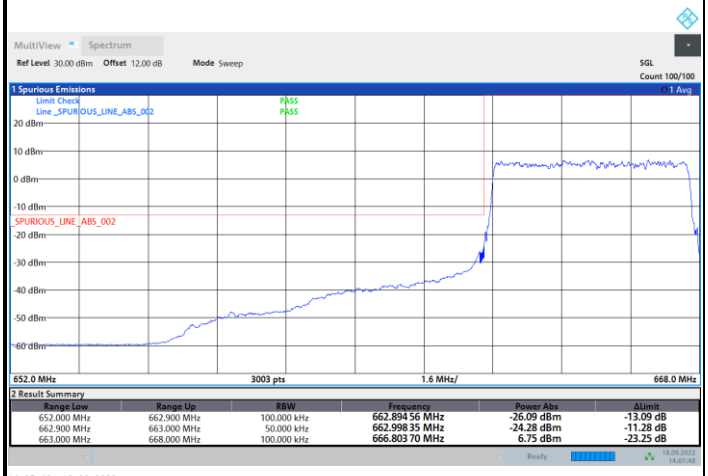
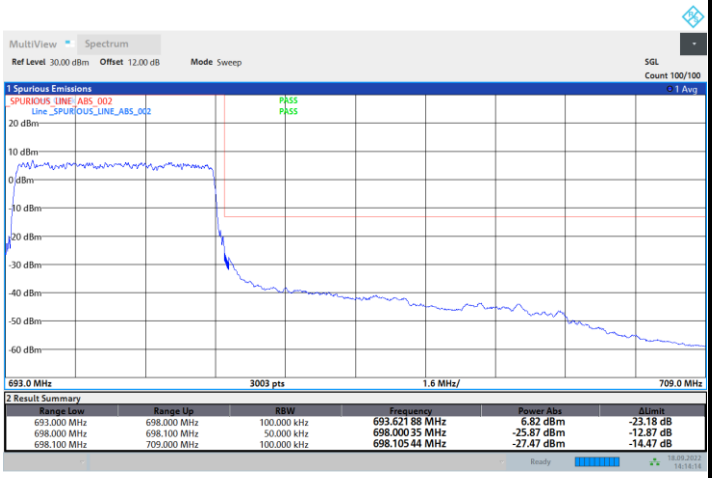
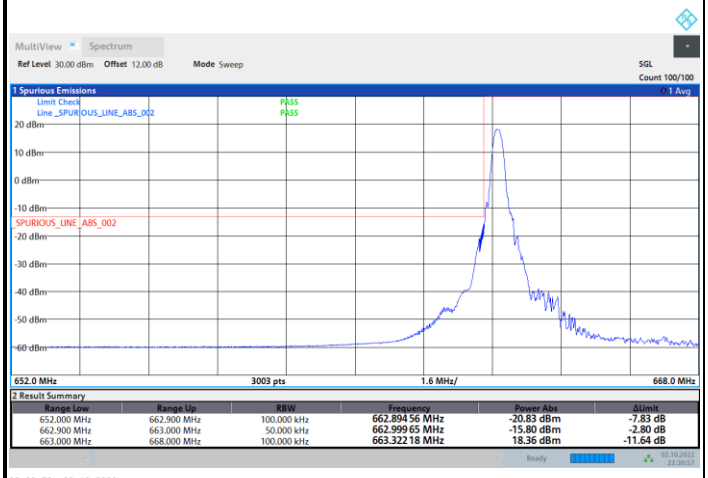
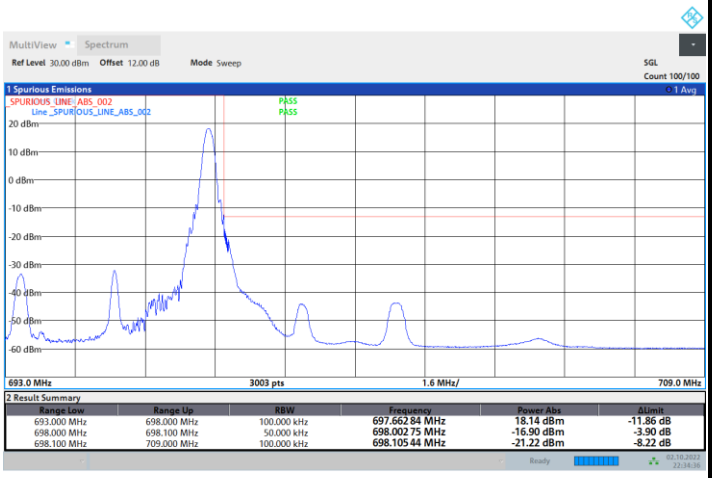
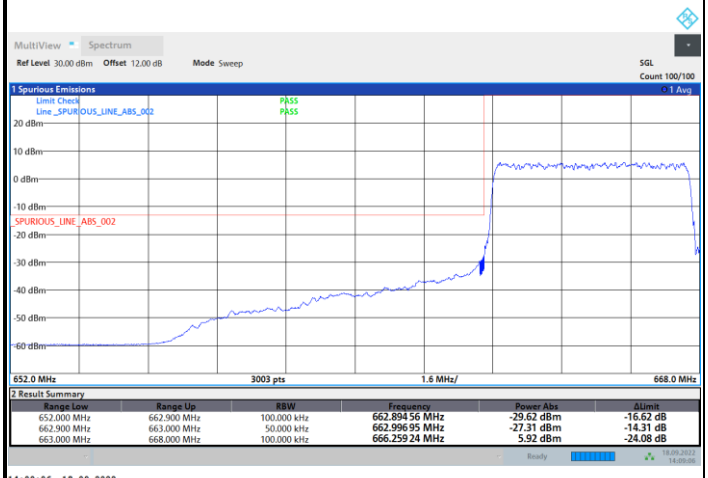
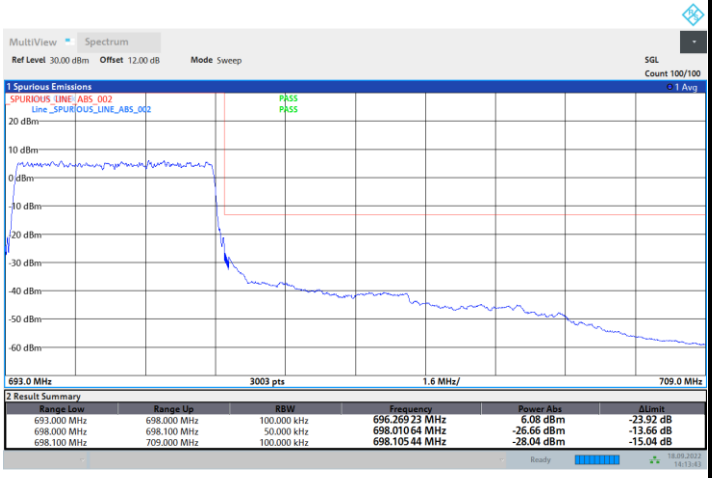
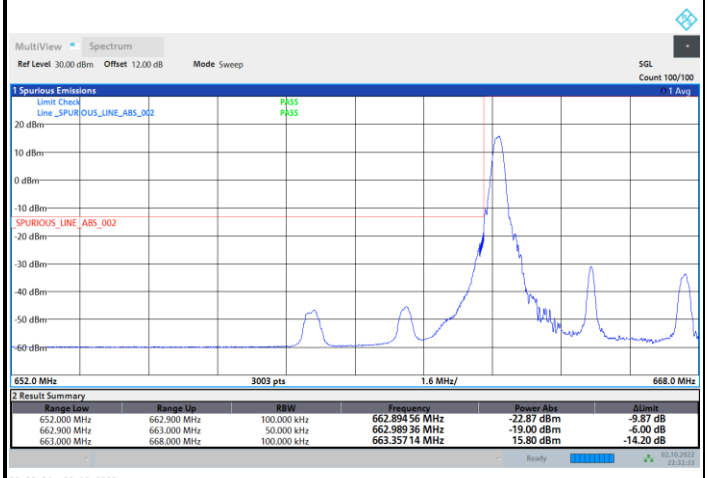
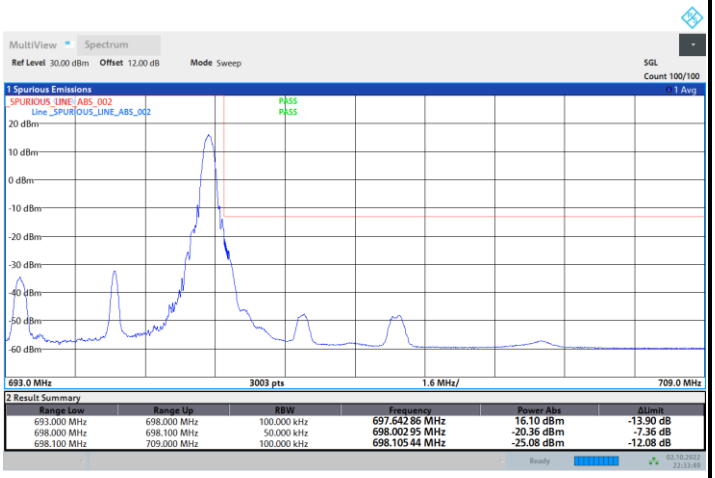
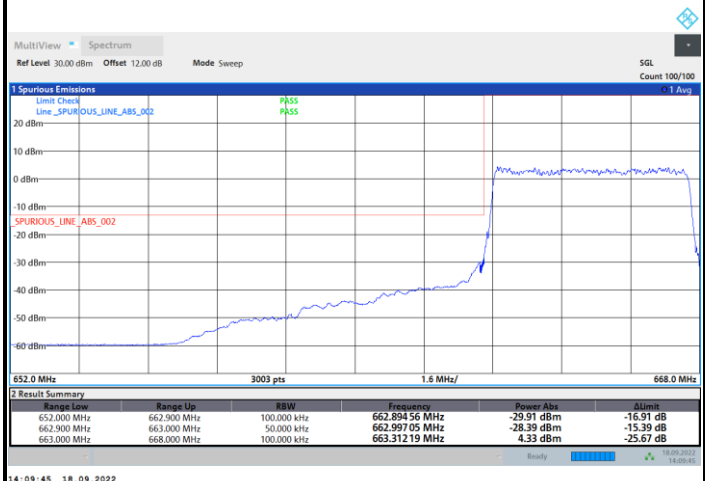
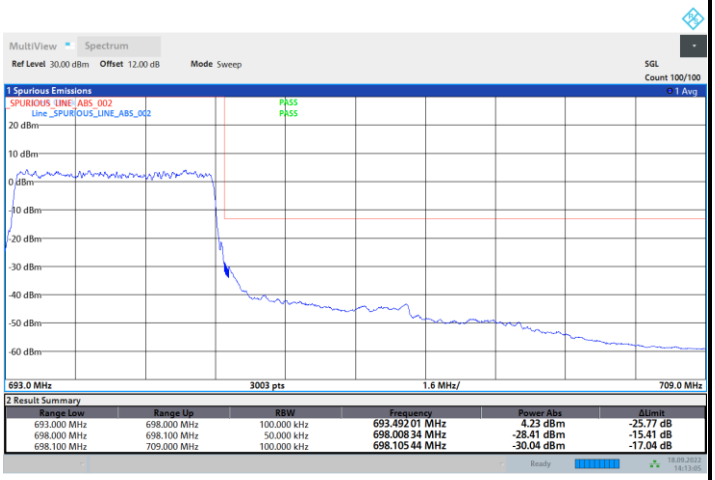
Conducted Band Edge

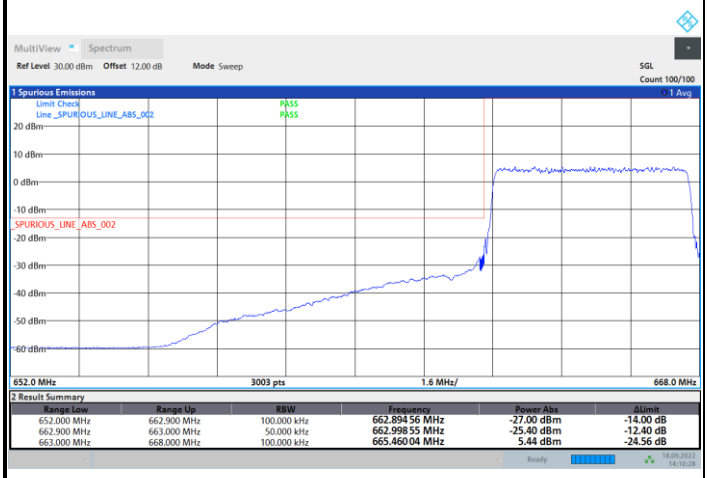
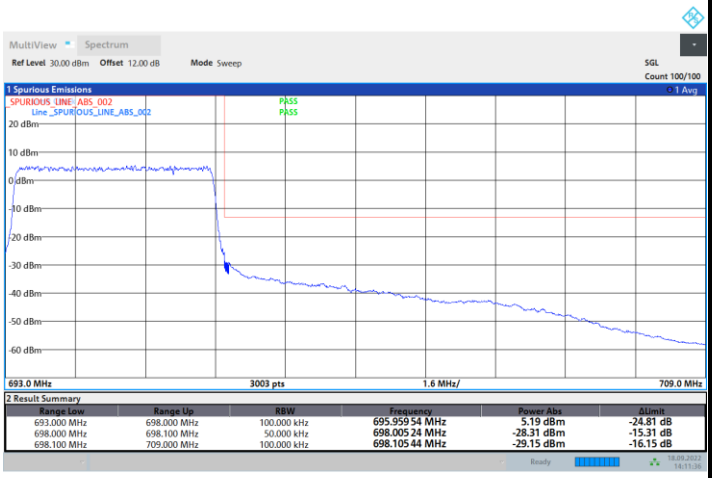
FR1 n71 / 5MHz / DFT-S OFDM / PI/2 BPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

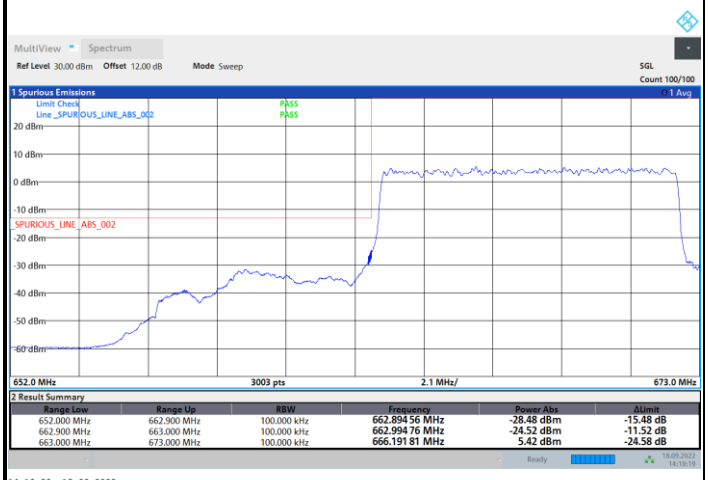
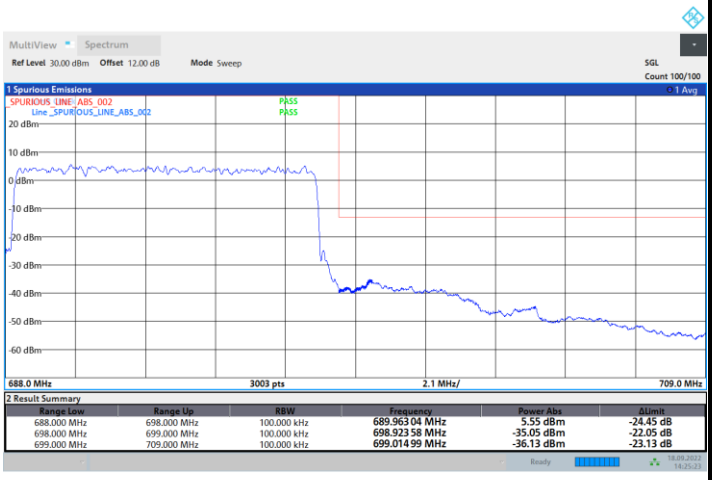
FR1 n71 / 5MHz / DFT-S OFDM / QPSK	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

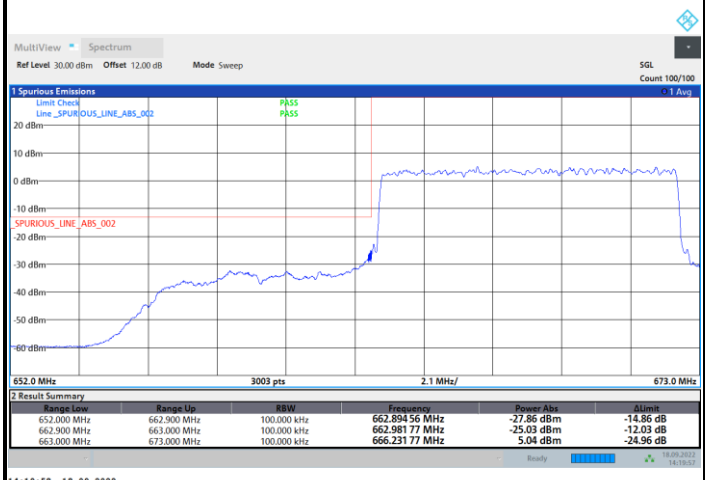
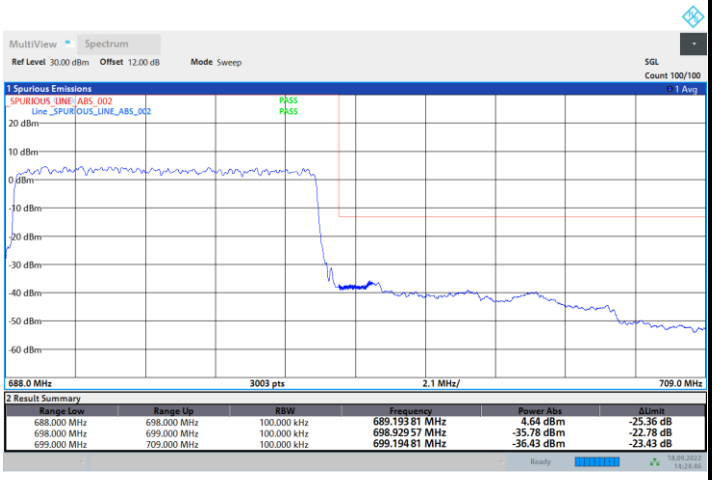
FR1 n71 / 5MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

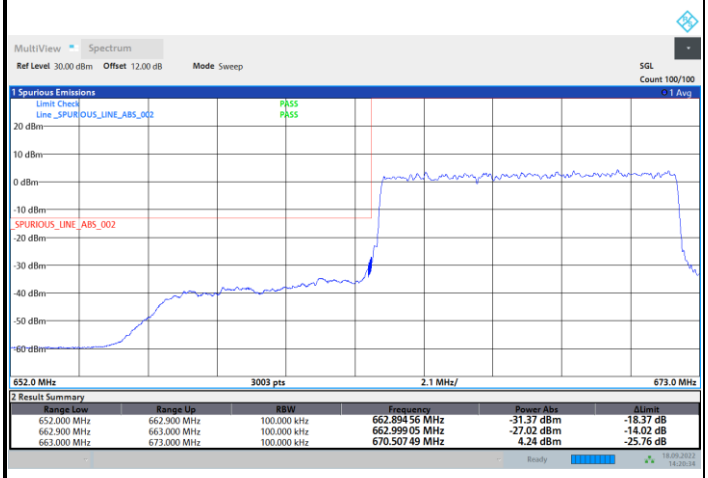
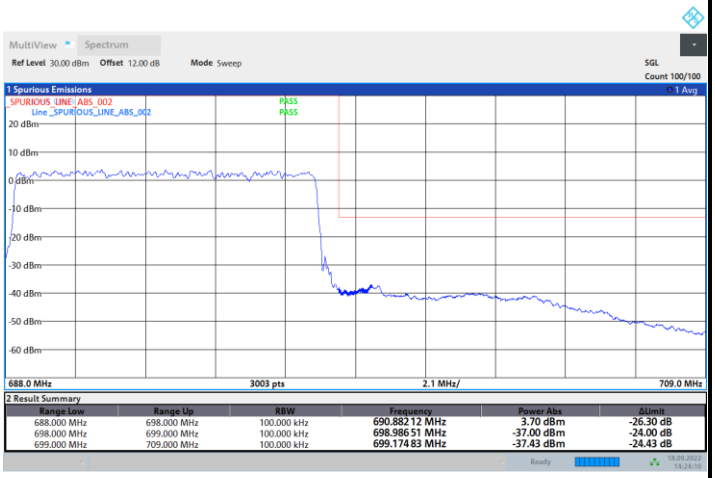
FR1 n71 / 5MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

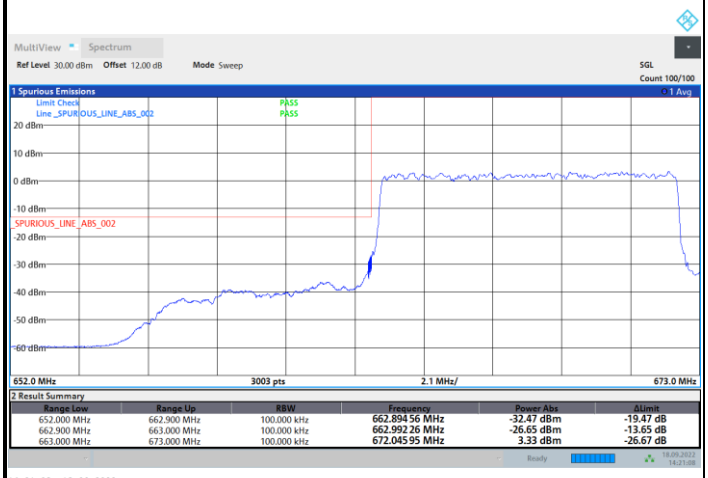
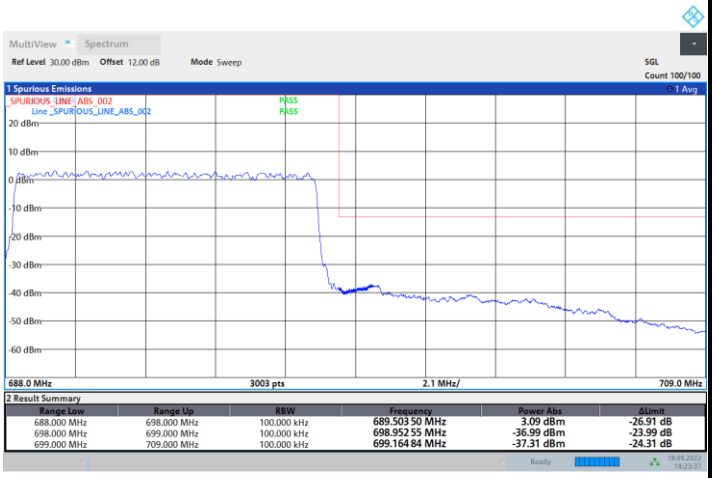
FR1 n71 / 5MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

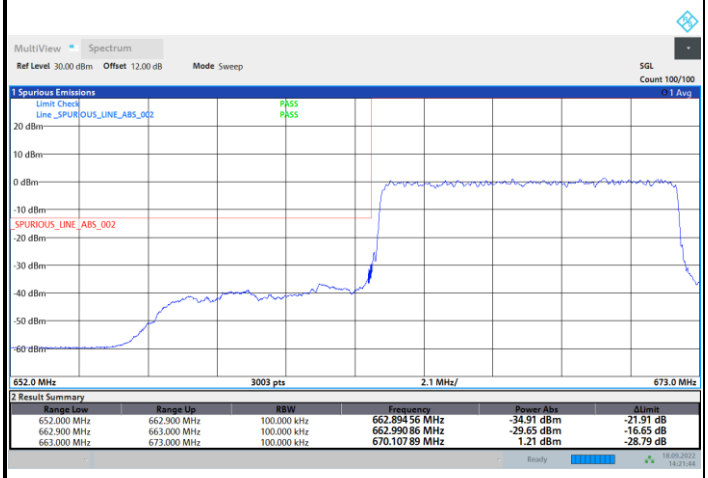
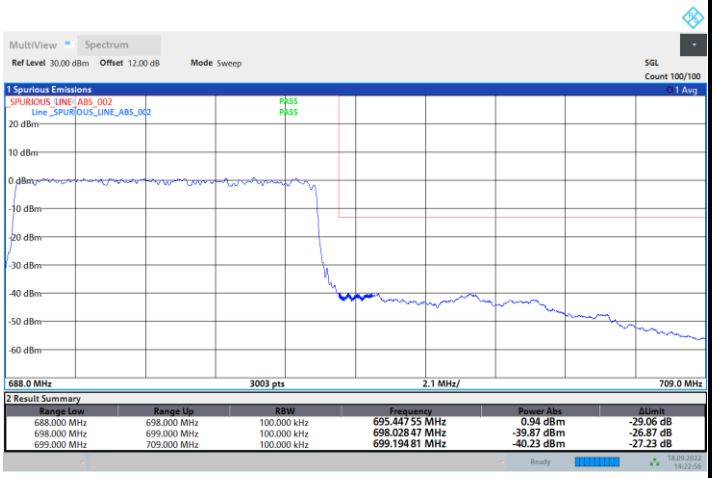
FR1 n71 / 5MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

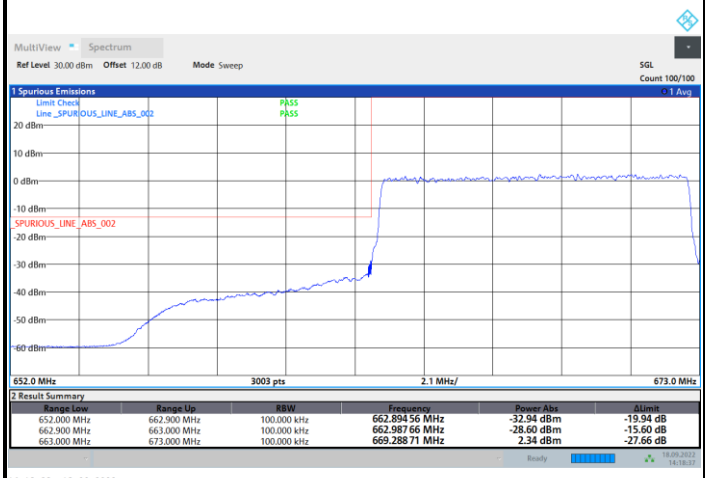
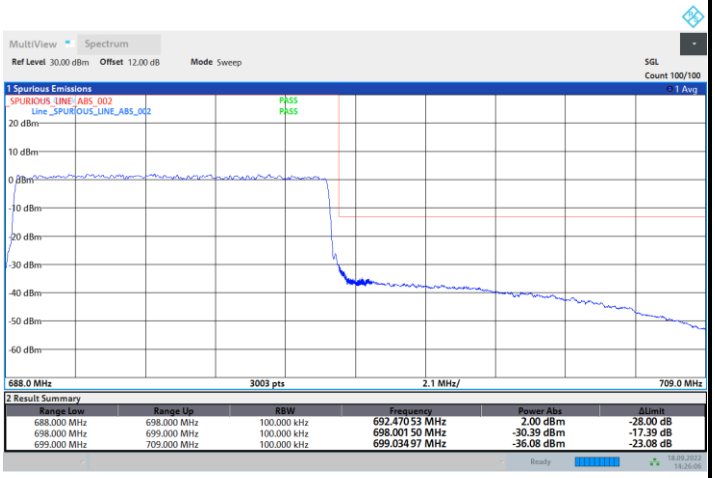
FR1 n71 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

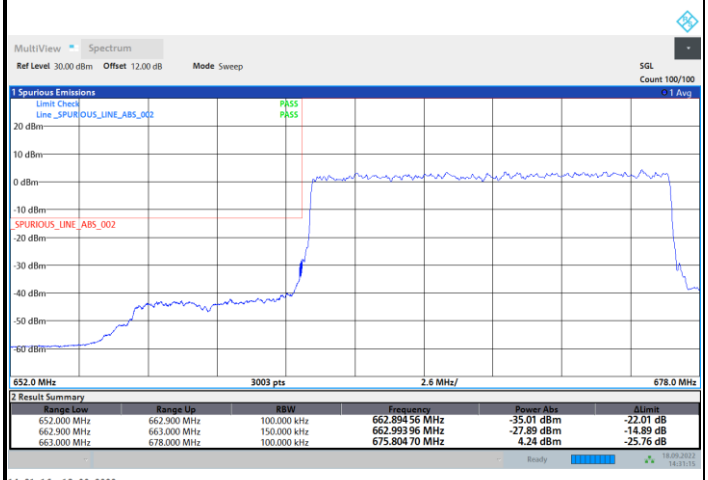
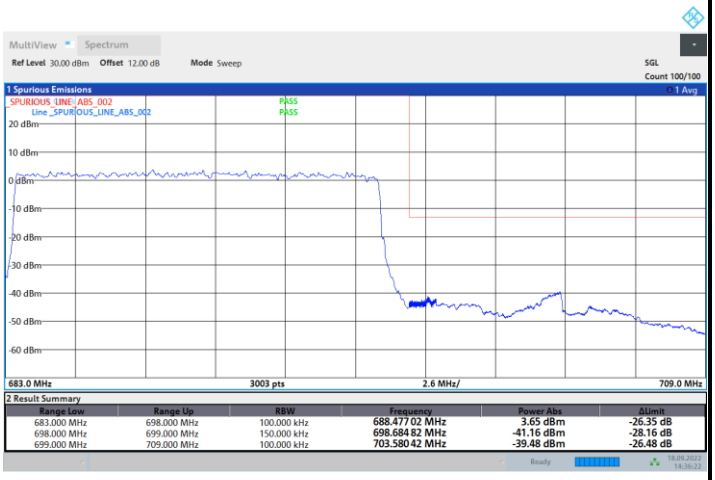
FR1 n71 / 10MHz / DFT-s-OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

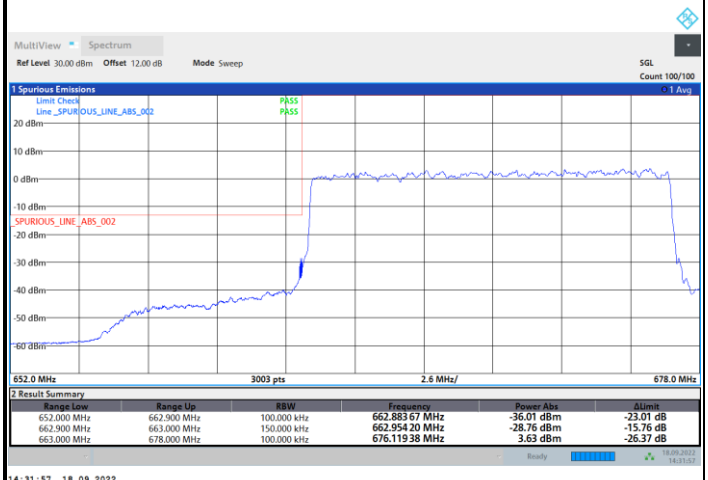
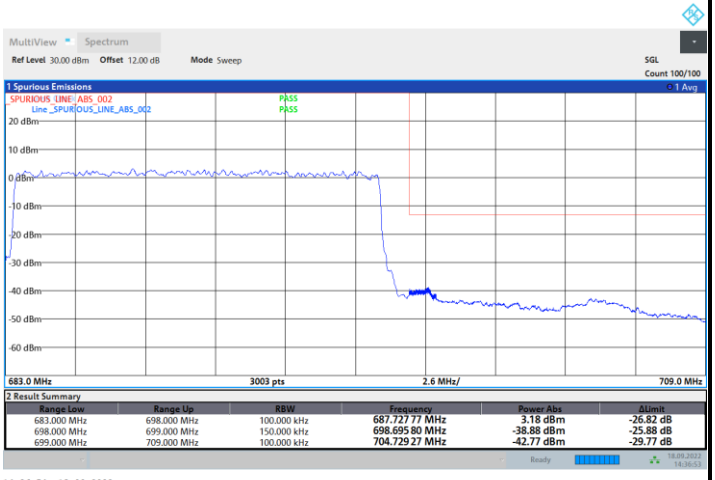
FR1 n71 / 10MHz / DFT-s-OFDM / 16QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

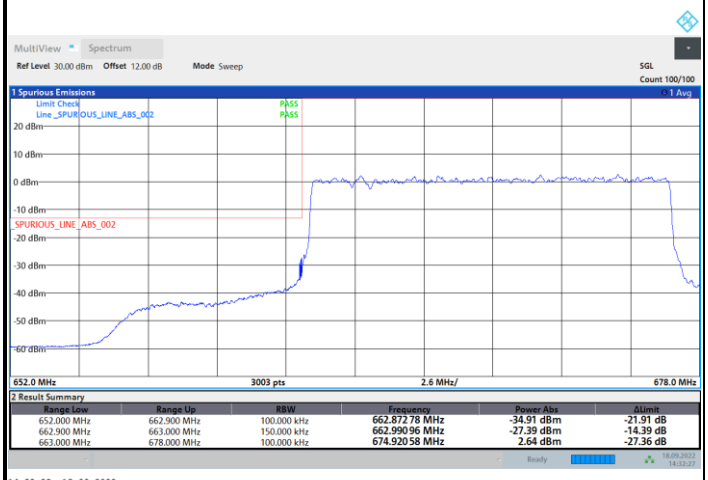
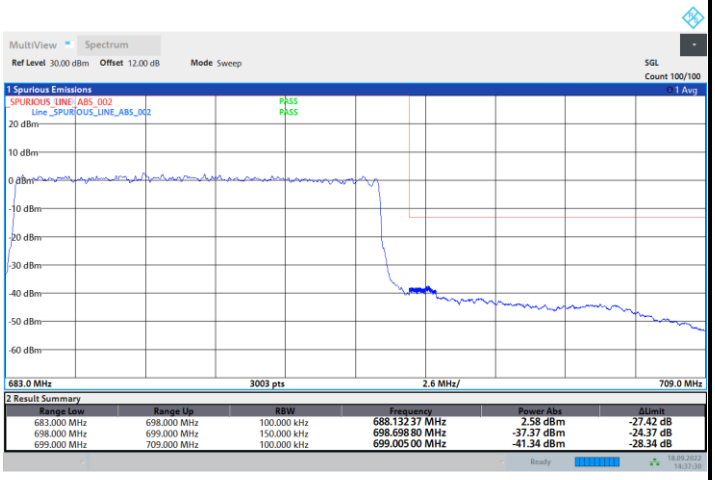
FR1 n71 / 10MHz / DFT-s-OFDM / 64QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

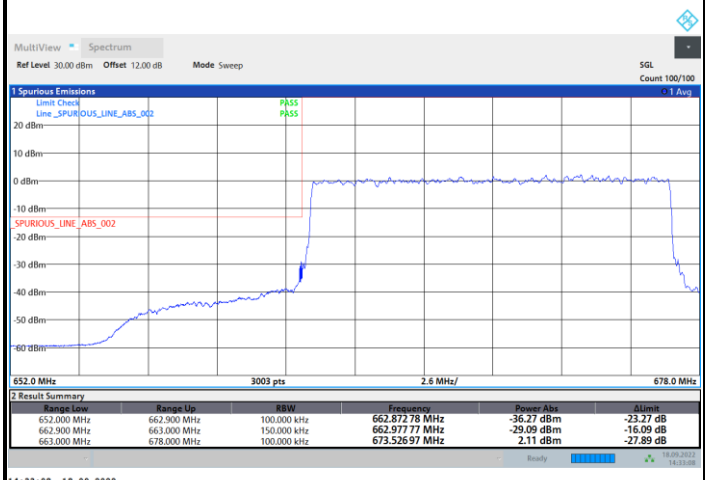
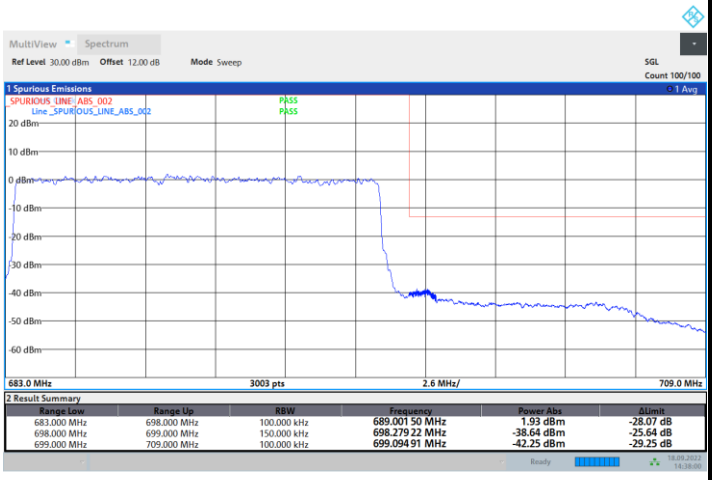
FR1 n71 / 10MHz / DFT-s-OFDM / 256QAM / Full RB	
Lowest Band Edge	Highest Band Edge
	

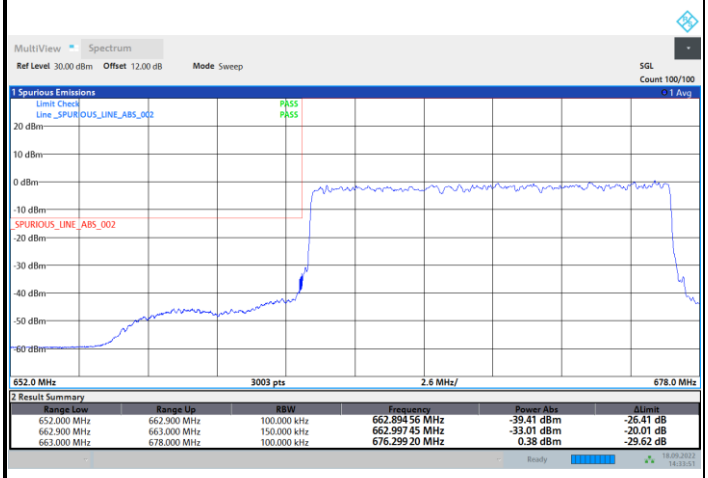
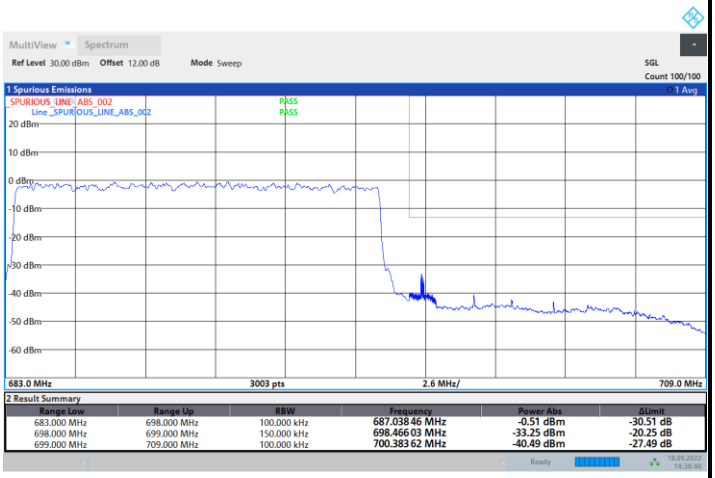
FR1 n71 / 10MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

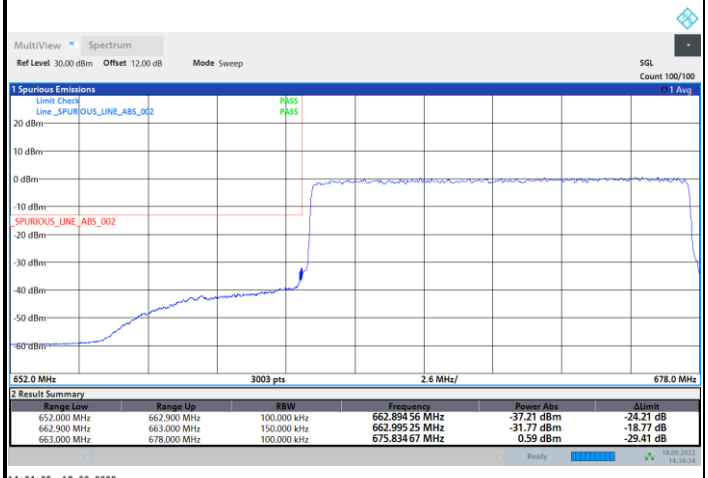
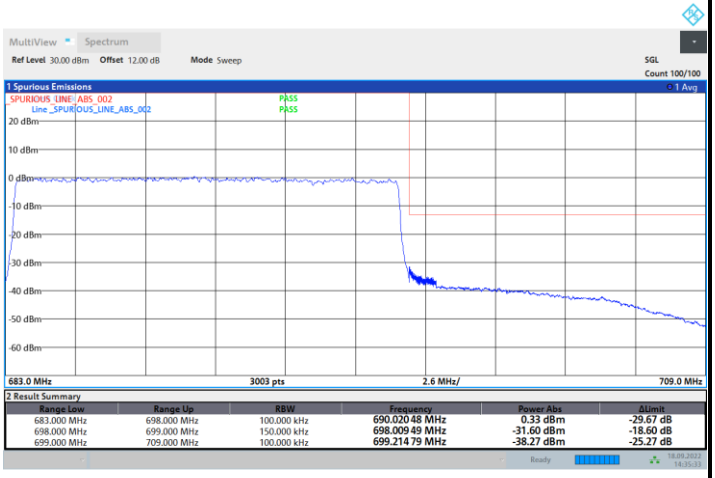
FR1 n71 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

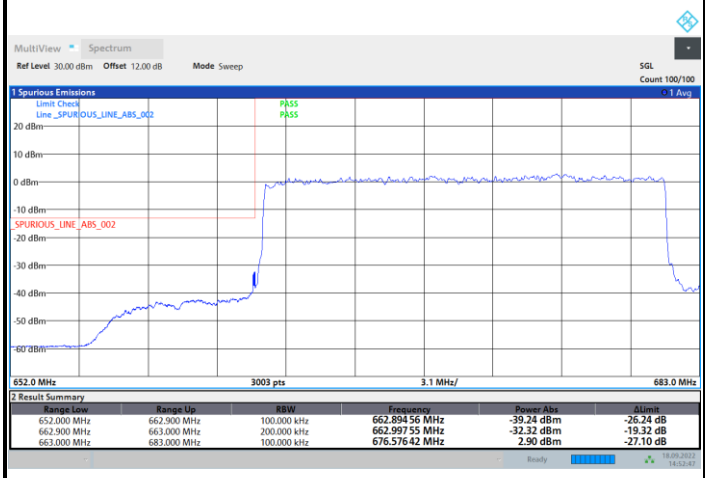
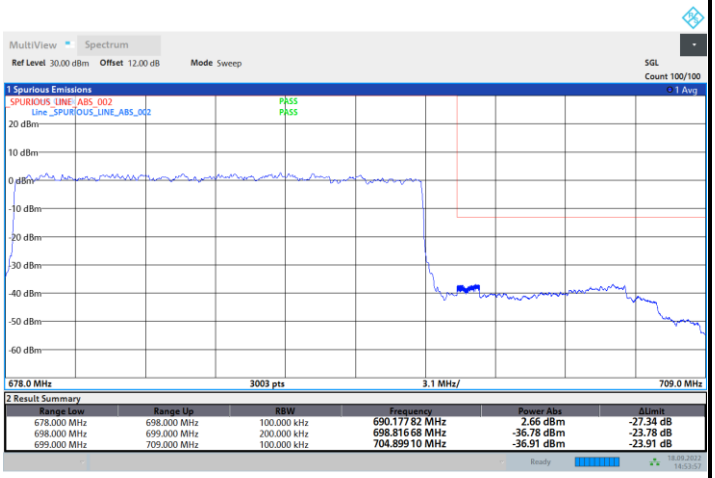
FR1 n71 / 15MHz / DFT-s-OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

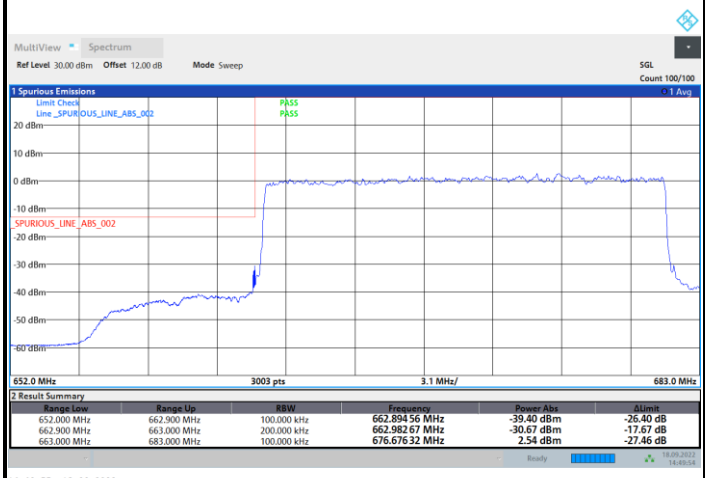
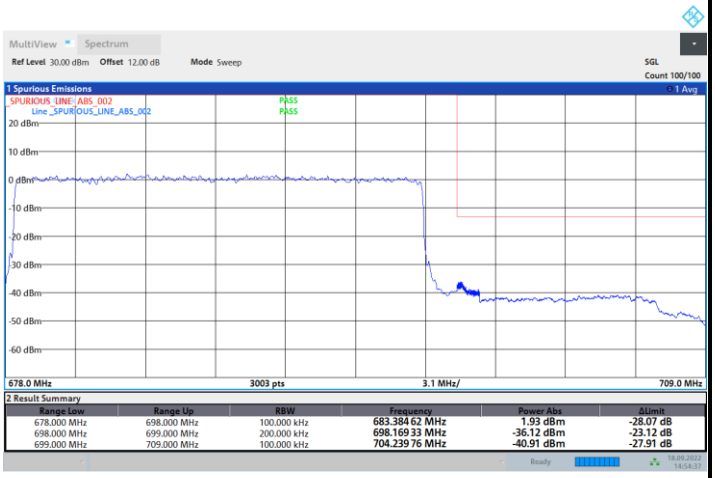
FR1 n71 / 15MHz / DFT-s-OFDM / 16QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

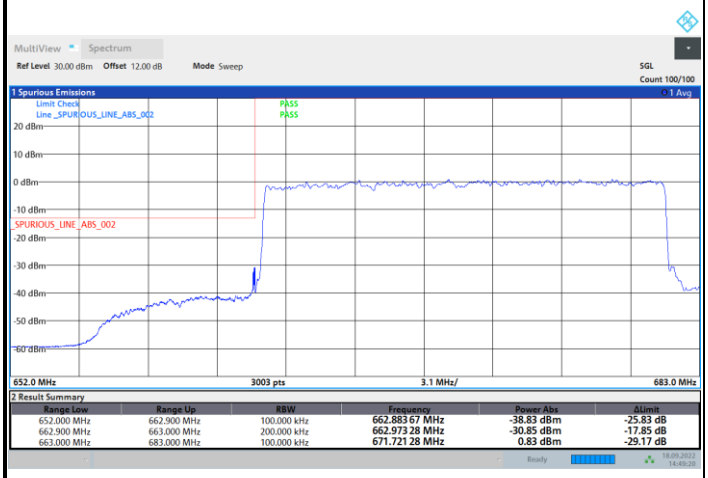
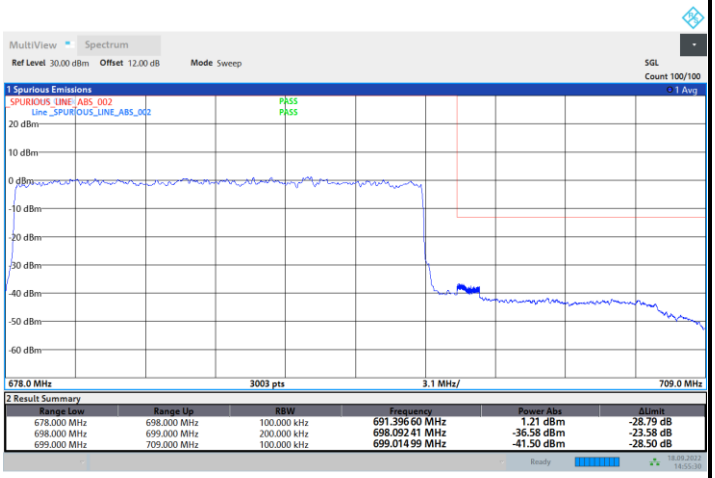
FR1 n71 / 15MHz / DFT-s-OFDM / 64QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

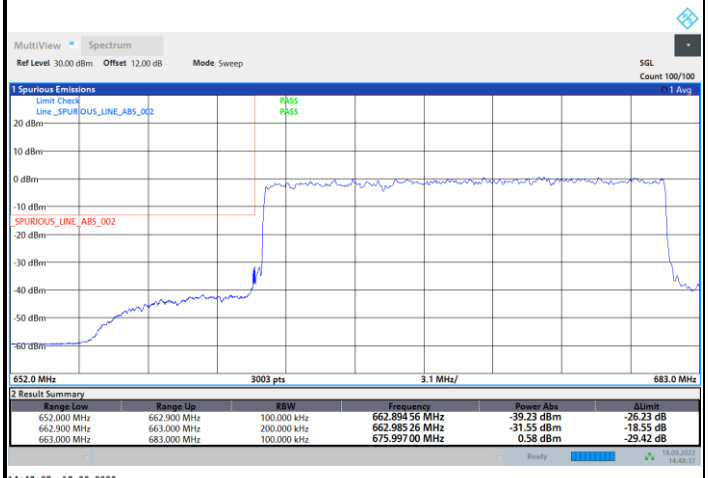
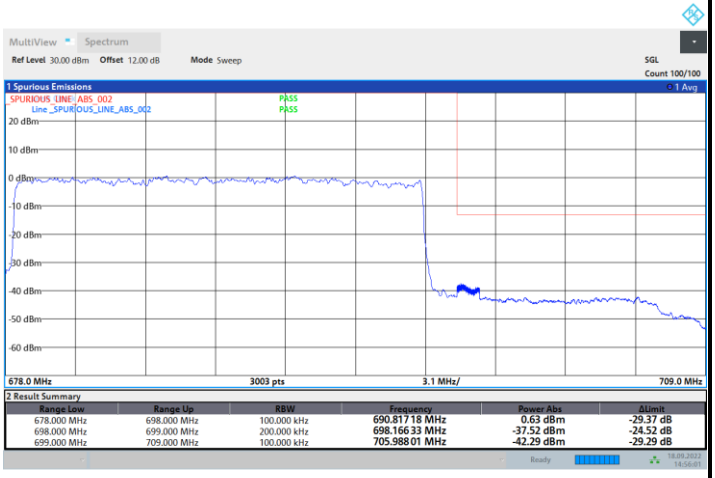
FR1 n71 / 15MHz / DFT-s-OFDM / 256QAM / Full RB	
Lowest Band Edge	Highest Band Edge
	

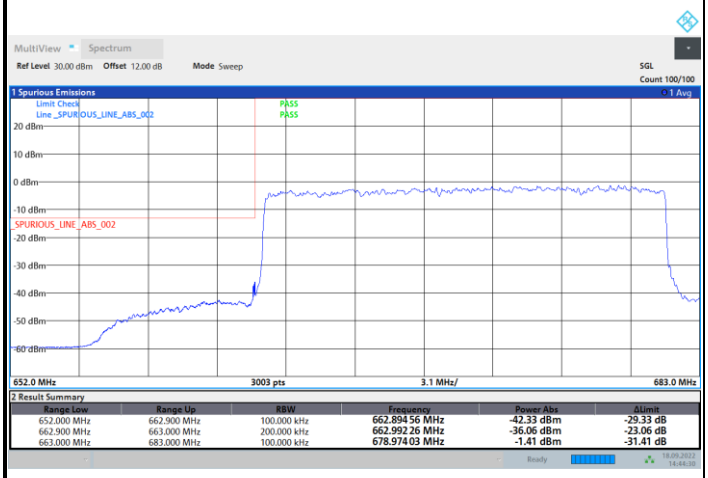
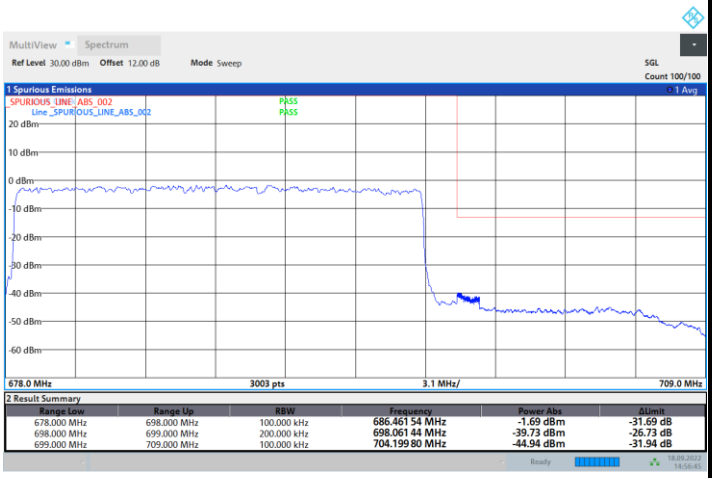
FR1 n71 / 15MHz / CP OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

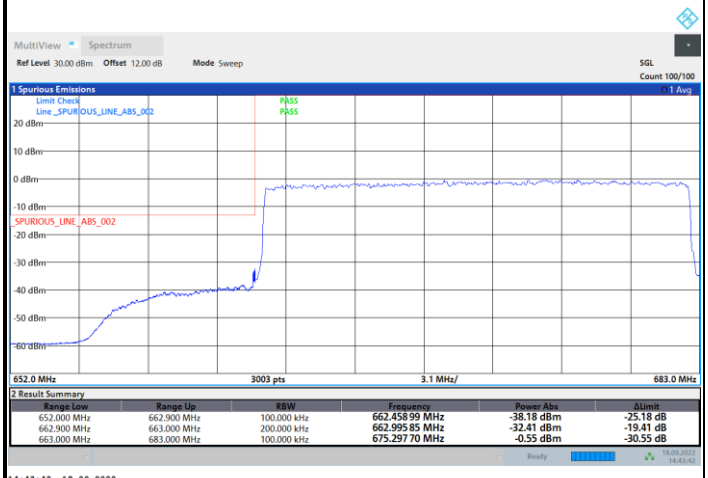
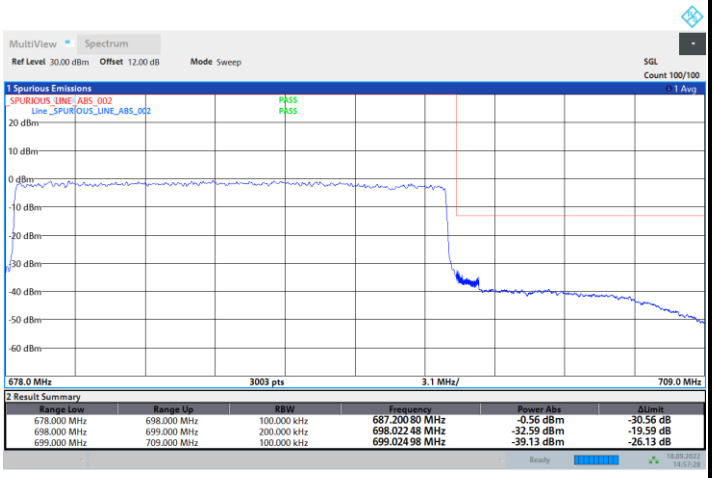
FR1 n71 / 20MHz / DFT-s-OFDM / PI/2 BPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

FR1 n71 / 20MHz / DFT-s-OFDM / QPSK / Full RB	
Lowest Band Edge	Highest Band Edge
	

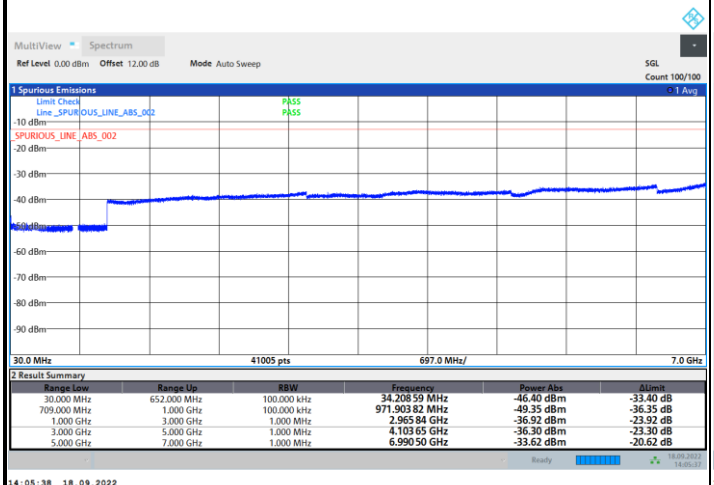
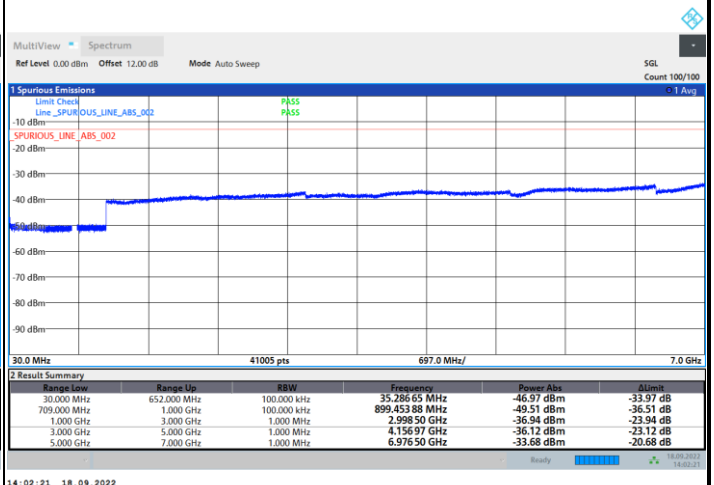
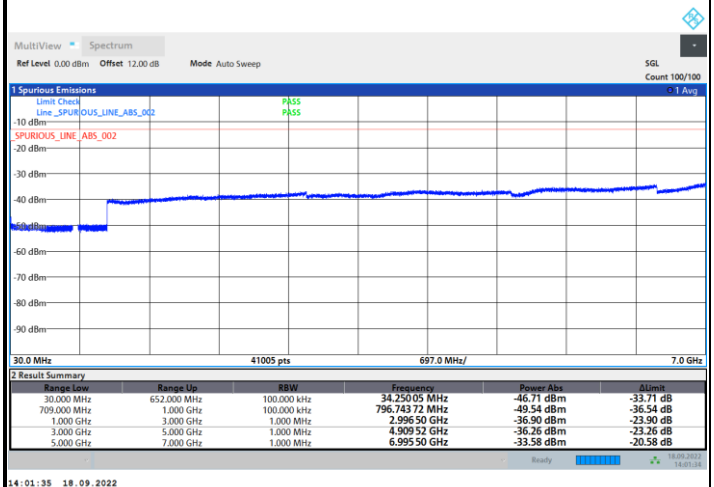
FR1 n71 / 20MHz / DFT-s-OFDM / 16QAM / Full RB	
Lowest Band Edge	**Highest Band Edge**
	

FR1 n71 / 20MHz / DFT-s-OFDM / 64QAM / 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 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0126	PASS
40	Normal Voltage	0.0056	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0062	
0	Normal Voltage	0.0120	
-10	Normal Voltage	0.0140	
-20	Normal Voltage	0.0088	
-30	Normal Voltage	0.0066	
20	Maximum Voltage	0.0106	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0084	

Note:

1. Normal Voltage = 3.85 V.；Battery End Point (BEP) = 3.30 V.；Maximum Voltage = 4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

<Ant. 0>

5G NR n26

5G NR n26/ 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-62.74	-13	-49.74	-74.64	-64.5	0.98	4.89	H
	2472	-58.83	-13	-45.83	-76.04	-60.71	1.28	5.32	H
	3296	-57.45	-13	-44.45	-76.75	-60.86	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.96	-13	-48.96	-74.33	-63.72	0.98	4.89	V
	2472	-58.32	-13	-45.32	-75.97	-60.2	1.28	5.32	V
	3296	-57.22	-13	-44.22	-76.85	-60.63	1.54	7.10	V
									V
									V
									V
									V
Middle	1656	-62.19	-13	-49.19	-74.24	-63.92	0.98	4.86	H
	2480	-58.89	-13	-45.89	-76.08	-60.8	1.28	5.34	H
	3306	-57.30	-13	-44.30	-76.7	-60.75	1.54	7.15	H
									H
									H
									H
									H
	1656	-62.11	-13	-49.11	-74.63	-63.84	0.98	4.86	V
	2480	-58.14	-13	-45.14	-75.77	-60.05	1.28	5.34	V
	3306	-56.82	-13	-43.82	-76.5	-60.27	1.54	7.15	V
									V
									V
									V

Highest	1656	-62.75	-13	-49.75	-74.8	-64.48	0.98	4.86	H
	2487	-58.46	-13	-45.46	-75.64	-60.38	1.29	5.36	H
	3316	-57.14	-13	-44.14	-76.55	-60.63	1.55	7.19	H
									H
									H
									H
									H
	1656	-61.78	-13	-48.78	-74.3	-63.51	0.98	4.86	V
	2487	-57.79	-13	-44.79	-75.41	-59.71	1.29	5.36	V
	3316	-56.85	-13	-43.85	-76.54	-60.34	1.55	7.19	V
									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)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3705	-58.74	-13	-45.74	-79.42	-65.32	1.67	8.25	H
	5550	-52.21	-13	-39.21	-77.61	-59.28	2.65	9.72	H
	7404	-52.21	-13	-39.21	-79.26	-61.36	2.46	11.61	H
									H
									H
									H
									H
	3702	-58.49	-13	-45.49	-79.25	-65.06	1.67	8.24	V
	5550	-55.18	-13	-42.18	-80.53	-62.25	2.65	9.72	V
	7404	-52.86	-13	-39.86	-80.13	-62.01	2.46	11.61	V
									V
									V
									V
									V
Middle	3744	-58.07	-13	-45.07	-78.96	-64.68	1.68	8.29	H
	5622	-50.43	-13	-37.43	-76.04	-57.48	2.70	9.75	H
	7494	-51.75	-13	-38.75	-78.95	-61.11	2.43	11.79	H
									H
									H
									H
									H
	3744	-58.14	-13	-45.14	-78.9	-64.75	1.68	8.29	V
	5622	-54.07	-13	-41.07	-79.62	-61.12	2.70	9.75	V
	7494	-52.52	-13	-39.52	-79.82	-61.88	2.43	11.79	V
									V
									V
									V
									V

Highest	3792	-57.84	-13	-44.84	-79.51	-64.49	1.70	8.35	H
	5688	-52.73	-13	-39.73	-78.4	-59.77	2.73	9.78	H
	7584	-51.93	-13	-38.93	-79.44	-61.38	2.40	11.85	H
									H
									H
									H
									H
	3792	-58.63	-13	-45.63	-79.29	-65.28	1.70	8.35	V
	5688	-53.19	-13	-40.19	-78.81	-60.23	2.73	9.78	V
	7584	-52.11	-13	-39.11	-79.7	-61.56	2.40	11.85	V
									V
									V
									V
									V

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

5G NR n66

5G NR n66/ 20MHz / PI/2 BPSK									
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	3420	-57.16	-13	-44.16	-77.75	-63.23	1.58	7.65	H
	5130	-55.71	-13	-42.71	-79.83	-63	2.41	9.70	H
	6840	-53.63	-13	-40.63	-80.67	-61.6	2.64	10.61	H
									H
									H
									H
									H
	3420	-56.83	-13	-43.83	-77.46	-62.9	1.58	7.65	V
	5130	-56.46	-13	-43.46	-80.35	-63.75	2.41	9.70	V
	6840	-53.53	-13	-40.53	-80.6	-61.5	2.64	10.61	V
									V
									V
									V
									V
Middle	3474	-57.02	-13	-44.02	-77.88	-63.31	1.60	7.89	H
	5208	-54.82	-13	-41.82	-79.04	-62.06	2.46	9.70	H
	6942	-53.32	-13	-40.32	-80.16	-61.44	2.61	10.73	H
									H
									H
									H
									H
	3474	-56.11	-13	-43.11	-76.86	-62.4	1.60	7.89	V
	5208	-54.76	-13	-41.76	-78.83	-62	2.46	9.70	V
	6942	-53.83	-13	-40.83	-80.65	-61.95	2.61	10.73	V
									V
									V
									V
									V

Highest	3520	-56.56	-13	-43.56	-77.47	-62.97	1.61	8.02	H
	5280	-55.38	-13	-42.38	-79.86	-62.58	2.50	9.70	H
	7038	-54.99	-13	-41.99	-81.77	-63.29	2.58	10.88	H
									H
									H
									H
									H
	3520	-57.06	-13	-44.06	-77.83	-63.47	1.61	8.02	V
	5280	-55.77	-13	-42.77	-80.15	-62.97	2.50	9.70	V
	7038	-54.67	-13	-41.67	-81.5	-62.97	2.58	10.88	V
									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)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-64.70	-13	-51.70	-74.6	-65.95	0.84	4.23	H
	1989	-61.10	-13	-48.10	-75.99	-61.75	1.13	3.93	H
	2648	-60.17	-13	-47.17	-77.5	-62.2	1.34	5.52	H
									H
									H
									H
									H
	1328	-63.95	-13	-50.95	-74.28	-65.2	0.84	4.23	V
	1989	-60.95	-13	-47.95	-76.16	-61.6	1.13	3.93	V
	2648	-59.44	-13	-46.44	-77.4	-61.47	1.34	5.52	V
									V
									V
									V
									V
Middle	1344	-64.26	-13	-51.26	-74.18	-65.60	0.84	4.33	H
	2008	-61.36	-13	-48.36	-76.37	-62	1.14	3.92	H
	2680	-59.85	-13	-46.85	-77.29	-61.9	1.35	5.54	H
									H
									H
									H
									H
	1344	-63.96	-13	-50.96	-74.33	-65.3	0.84	4.33	V
	2008	-61.36	-13	-48.36	-76.64	-62	1.14	3.92	V
	2680	-58.96	-13	-45.96	-77.02	-61.01	1.35	5.54	V
									V
									V
									V
									V

Highest	1352	-64.75	-13	-51.75	-74.77	-66.14	0.85	4.38	H
	2032	-61.07	-13	-48.07	-76.23	-61.77	1.14	4.00	H
	2712	-60.11	-13	-47.11	-77.6	-62.17	1.36	5.57	H
									H
									H
									H
									H
	1352	-64.41	-13	-51.41	-74.88	-65.8	0.85	4.38	V
	2032	-61.08	-13	-48.08	-76.57	-61.78	1.14	4.00	V
	2712	-59.17	-13	-46.17	-77.35	-61.23	1.36	5.57	V
									V
									V
									V
									V

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

5G NR n7

5G NR n7/ 20MHz / PI/2 BPSK									
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	4998	-57.33	-25	-32.33	-81.33	-64.69	2.34	9.70	H
	7500	-54.41	-25	-29.41	-81.56	-63.78	2.43	11.80	H
	10008	-50.64	-25	-25.64	-82.05	-60.15	2.70	12.20	H
									H
									H
									H
									H
	4998	-57.45	-25	-32.45	-81.25	-64.81	2.34	9.70	V
	7500	-52.32	-25	-27.32	-79.81	-61.69	2.43	11.80	V
	10008	-50.81	-25	-25.81	-82.05	-60.32	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-56.72	-25	-31.72	-80.8	-64.05	2.37	9.70	H
	7572	-54.12	-25	-29.12	-81.4	-63.56	2.41	11.84	H
	10098	-49.92	-25	-24.92	-81.63	-59.46	2.70	12.24	H
									H
									H
									H
									H
	5052	-56.65	-25	-31.65	-80.48	-63.98	2.37	9.70	V
	7572	-53.81	-25	-28.81	-81.37	-63.25	2.41	11.84	V
	10098	-49.67	-25	-24.67	-81.25	-59.21	2.70	12.24	V
									V
									V
									V
									V

Highest	5100	-57.04	-25	-32.04	-81.09	-64.35	2.39	9.70	H
	7650	-54.17	-25	-29.17	-81.75	-63.68	2.38	11.89	H
	10206	-50.02	-25	-25.02	-81.99	-59.61	2.70	12.28	H
									H
									H
									H
									H
	5100	-56.67	-25	-31.67	-80.51	-63.98	2.39	9.70	V
	7650	-53.63	-25	-28.63	-81.48	-63.14	2.38	11.89	V
	10206	-49.85	-25	-24.85	-81.73	-59.44	2.70	12.28	V
									V
									V
									V
									V

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

<Ant. 8>

5G NR n41 HPUE

5G NR n41/ 20MHz / PI/2 BPSK									
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	4992	-56.34	-25	-31.34	-80.2	-63.69	2.33	9.68	H
	7494	-40.31	-25	-15.31	-67.39	-49.67	2.43	11.79	H
	9990	-50.51	-25	-25.51	-81.82	-60.02	2.69	12.21	H
									H
									H
									H
									H
	4992	-53.51	-25	-28.51	-77.25	-60.86	2.33	9.68	V
	7494	-38.53	-25	-13.53	-65.99	-47.89	2.43	11.79	V
	9990	-50.52	-25	-25.52	-81.74	-60.03	2.69	12.21	V
									V
									V
									V
									V
Middle	5166	-54.09	-25	-29.09	-78.19	-61.36	2.43	9.70	H
	7752	-45.14	-25	-20.14	-72.87	-54.74	2.35	11.95	H
	10332	-49.51	-25	-24.51	-81.85	-59.15	2.69	12.33	H
									H
									H
									H
									H
	5166	-54.11	-25	-29.11	-78.15	-61.38	2.43	9.70	V
	7752	-43.92	-25	-18.92	-72	-53.52	2.35	11.95	V
	10332	-49.39	-25	-24.39	-81.62	-59.03	2.69	12.33	V
									V
									V
									V

Highest	5340	-54.36	-25	-29.36	-79.06	-61.53	2.53	9.70	H
	8016	-52.79	-25	-27.79	-81.08	-62.63	2.27	12.11	H
	10674	-48.28	-25	-23.28	-81.55	-58.02	2.69	12.43	H
									H
									H
									H
									H
	5340	-54.66	-25	-29.66	-79.13	-61.83	2.53	9.70	V
	8016	-49.82	-25	-24.82	-78.55	-59.66	2.27	12.11	V
	10674	-48.37	-25	-23.37	-81.5	-58.11	2.69	12.43	V
									V
									V
									V
									V

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

MIMO <Ant. 8+3>

5G NR n41 MIMO

5G NR n41 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-56.75	-25	-31.75	-80.71	-64.1	2.33	9.68	H
	7488	-54.06	-25	-29.06	-81.17	-63.4	2.43	11.78	H
	9990	-49.99	-25	-24.99	-81.31	-59.5	2.69	12.21	H
									H
									H
									H
									H
	4992	-57.25	-25	-32.25	-80.99	-64.6	2.33	9.68	V
	7488	-53.76	-25	-28.76	-81.14	-63.1	2.43	11.78	V
	9990	-50.21	-25	-25.21	-81.54	-59.72	2.69	12.21	V
									V
									V
									V
									V
Middle	5166	-56.43	-25	-31.43	-80.55	-63.7	2.43	9.70	H
	7746	-53.75	-25	-28.75	-81.52	-63.35	2.35	11.95	H
	10332	-49.21	-25	-24.21	-81.57	-58.85	2.69	12.33	H
									H
									H
									H
									H
	5166	-56.59	-25	-31.59	-80.57	-63.86	2.43	9.70	V
	7746	-53.02	-25	-28.02	-81.08	-62.62	2.35	11.95	V
	10332	-49.47	-25	-24.47	-81.7	-59.11	2.69	12.33	V
									V
									V
									V
									V

Highest	5340	-54.93	-25	-29.93	-79.61	-62.1	2.53	9.70	H
	8010	-52.32	-25	-27.32	-80.69	-62.16	2.27	12.11	H
	10674	-48.06	-25	-23.06	-81.41	-57.8	2.69	12.43	H
									H
									H
									H
									H
	5340	-56.43	-25	-31.43	-81.03	-63.6	2.53	9.70	V
	8010	-52.16	-25	-27.16	-80.9	-62	2.27	12.11	V
	10674	-48.26	-25	-23.26	-81.38	-58	2.69	12.43	V
									V
									V
									V
									V

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

<Ant. 0 + Ant. 1>

EN-DC 7A-n5A

EN-DC 7A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-57.35	-13	-44.35	-69.25	-59.11	0.98	4.89	H
	2472	-59.14	-13	-46.14	-76.28	-61.02	1.28	5.32	H
	3296	-57.74	-13	-44.74	-77.02	-61.15	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.52	-13	-48.52	-73.89	-63.28	0.98	4.89	V
	2472	-57.28	-13	-44.28	-75	-59.16	1.28	5.32	V
	3296	-56.92	-13	-43.92	-76.62	-60.33	1.54	7.10	V
									V
									V
									V
									V
Middle	1656	-57.32	-13	-44.32	-69.37	-59.05	0.98	4.86	H
	2480	-58.93	-13	-45.93	-76.03	-60.84	1.28	5.34	H
	3304	-58.51	-13	-45.51	-77.89	-61.95	1.54	7.14	H
									H
									H
									H
									H
	1656	-60.09	-13	-47.09	-72.67	-61.82	0.98	4.86	V
	2480	-59.26	-13	-46.26	-76.7	-61.17	1.28	5.34	V
	3304	-57.92	-13	-44.92	-77.6	-61.36	1.54	7.14	V
									V
									V
									V

Highest	1656	-57.37	-13	-44.37	-69.44	-59.10	0.98	4.86	H
	2488	-58.57	-13	-45.57	-75.83	-60.5	1.29	5.36	H
	3320	-57.80	-13	-44.80	-77.21	-61.31	1.55	7.21	H
	4152	-57.67	-13	-44.67	-78.54	-62.3	1.85	8.63	H
									H
									H
									H
	1656	-60.17	-13	-47.17	-72.7	-61.9	0.98	4.86	V
	2488	-58.57	-13	-45.57	-76.23	-60.5	1.29	5.36	V
	3316	-56.60	-13	-43.60	-76.29	-60.09	1.55	7.19	V
	4152	-56.70	-13	-43.70	-77.76	-61.33	1.85	8.63	V
									V
									V
									V

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

<Ant. 4 + Ant. 0>

EN-DC 48A-n25A

EN-DC 48A-n25A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3744	-57.44	-13	-44.44	-78.2	-61.90	1.68	8.29	H
	5622	-45.24	-13	-32.24	-70.81	-50.14	2.70	9.75	H
	7494	-52.39	-13	-39.39	-79.5	-59.6	2.43	11.79	H
									H
									H
									H
									H
	3744	-57.60	-13	-44.60	-78.39	-62.06	1.68	8.29	V
	5622	-51.62	-13	-38.62	-77.18	-56.52	2.70	9.75	V
	7494	-52.44	-13	-39.44	-79.85	-59.65	2.43	11.79	V
									V
									V
									V
									V

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

<Ant. 0 + Ant. 8>

EN-DC 66A-n25A

EN-DC 7A-n5A / 20MHz / PI/2 BPSK									
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	3702	-49.06	-13	-36.06	-69.83	-53.48	1.67	8.24	H
	5550	-47.96	-13	-34.96	-73.39	-52.88	2.65	9.72	H
	7398	-54.71	-13	-41.71	-81.8	-61.69	2.46	11.60	H
	9252	-48.13	-13	-35.13	-78.24	-56.04	2.54	12.60	H
									H
									H
									H
	3702	-51.93	-13	-38.93	-72.69	-56.35	1.67	8.24	V
	5550	-48.38	-13	-35.38	-73.78	-53.3	2.65	9.72	V
	7398	-54.69	-13	-41.69	-81.98	-61.67	2.46	11.60	V
	9252	-48.30	-13	-35.30	-78.83	-56.21	2.54	12.60	V
									V
									V
									V
Middle	3744	-48.44	-13	-35.44	-69.27	-52.90	1.68	8.29	H
	5622	-45.78	-13	-32.78	-71.35	-50.68	2.70	9.75	H
	7494	-53.16	-13	-40.16	-80.32	-60.37	2.43	11.79	H
									H
									H
									H
									H
	3744	-52.21	-13	-39.21	-73	-56.67	1.68	8.29	V
	5622	-49.37	-13	-36.37	-74.93	-54.27	2.70	9.75	V
	7494	-53.51	-13	-40.51	-80.9	-60.72	2.43	11.79	V
									V
									V
									V
									V

Highest	3792	-46.24	-13	-33.24	-66.98	-50.74	1.70	8.35	H
	5688	-49.28	-13	-36.28	-74.91	-54.17	2.73	9.78	H
	7584	-53.07	-13	-40.07	-80.45	-60.37	2.40	11.85	H
									H
									H
									H
									H
	3792	-56.47	-13	-43.47	-77.25	-60.97	1.70	8.35	V
	5688	-53.27	-13	-40.27	-78.89	-58.16	2.73	9.78	V
	7584	-52.88	-13	-39.88	-80.5	-60.18	2.40	11.85	V
									V
									V
									V
									V

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

EN-DC 12A-n2A

EN-DC 12A-n2A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3744	-49.50	-13	-36.50	-70.28	-53.96	1.68	8.29	H
	5610	-55.87	-13	-42.87	-81.41	-60.78	2.69	9.74	H
	7482	-53.12	-13	-40.12	-80.27	-60.3	2.44	11.76	H
									H
									H
									H
									H
	3744	-53.45	-13	-40.45	-74.24	-57.91	1.68	8.29	V
	5610	-55.77	-13	-42.77	-81.29	-60.68	2.69	9.74	V
	7482	-52.69	-13	-39.69	-80.07	-59.87	2.44	11.76	V
									V
									V
									V
									V

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

<Ant. 8 + Ant. 0>

EN-DC 66A-n7A

EN-DC 66A-n7A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-56.79	-25	-31.79	-80.8	-64.12	2.37	9.70	H
	7578	-53.60	-25	-28.60	-80.97	-63.04	2.40	11.85	H
	10098	-50.26	-25	-25.26	-81.91	-59.8	2.70	12.24	H
									H
									H
									H
									H
	5052	-56.90	-25	-31.90	-80.73	-64.23	2.37	9.70	V
	7578	-51.26	-25	-26.26	-78.89	-60.7	2.40	11.85	V
	10098	-50.52	-25	-25.52	-82.1	-60.06	2.70	12.24	V
									V
									V
									V
									V

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

<Ant. 4 + Ant. 0>

EN-DC 48A-n66A

EN-DC 48A-n66A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3474	-55.85	-13	-42.85	-76.71	-62.14	1.60	7.89	H
	5208	-55.64	-13	-42.64	-79.86	-62.88	2.46	9.70	H
	6942	-53.69	-13	-40.69	-80.51	-61.81	2.61	10.73	H
									H
									H
									H
									H
	3474	-54.54	-13	-41.54	-75.29	-60.83	1.60	7.89	V
	5208	-56.00	-13	-43.00	-80.09	-63.24	2.46	9.70	V
	6942	-53.59	-13	-40.59	-80.43	-61.71	2.61	10.73	V
									V
									V
									V
									V

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

<Ant. 0 + Ant. 8>

EN-DC 2A-n66A

EN-DC 2A-n66A / 20MHz / PI/2 BPSK									
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	3420	-44.83	-13	-31.83	-65.37	-50.9	1.58	7.65	H
	5130	-48.44	-13	-35.44	-72.57	-55.73	2.41	9.70	H
	6840	-53.63	-13	-40.63	-80.71	-61.6	2.64	10.61	H
									H
									H
									H
									H
	3420	-49.83	-13	-36.83	-70.42	-55.9	1.58	7.65	V
	5130	-51.51	-13	-38.51	-75.45	-58.8	2.41	9.70	V
	6840	-53.73	-13	-40.73	-80.75	-61.7	2.64	10.61	V
									V
									V
									V
									V
Middle	3474	-47.04	-13	-34.04	-67.9	-53.33	1.60	7.89	H
	5208	-36.35	-13	-23.35	-60.57	-43.59	2.46	9.70	H
	6942	-52.55	-13	-39.55	-79.37	-60.67	2.61	10.73	H
	8676	-49.72	-13	-36.72	-78.89	-59.88	2.41	12.57	H
									H
									H
									H
	3474	-46.86	-13	-33.86	-67.61	-53.15	1.60	7.89	V
	5208	-42.24	-13	-29.24	-66.33	-49.48	2.46	9.70	V
	6942	-53.72	-13	-40.72	-80.56	-61.84	2.61	10.73	V
	8676	-51.47	-13	-38.47	-81.01	-61.63	2.41	12.57	V
									V
									V
									V

Highest	3522	-45.33	-13	-32.33	-66.23	-51.75	1.61	8.03	H
	5280	-39.91	-13	-26.91	-64.39	-47.11	2.50	9.70	H
	7038	-53.27	-13	-40.27	-80.04	-61.57	2.58	10.88	H
	8802	-49.62	-13	-36.62	-78.69	-59.8	2.44	12.62	H
									H
									H
									H
	3522	-47.58	-13	-34.58	-68.34	-54	1.61	8.03	V
	5280	-40.14	-13	-27.14	-64.52	-47.34	2.50	9.70	V
	7038	-53.83	-13	-40.83	-80.67	-62.13	2.58	10.88	V
	8802	-50.20	-13	-37.20	-79.67	-60.38	2.44	12.62	V
									V
									V
									V

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

EN-DC 7A-n66A

EN-DC 7A-n66A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3474	-45.48	-13	-32.48	-66.34	-51.77	1.60	7.89	H
	5208	-42.88	-13	-29.88	-67.1	-50.12	2.46	9.70	H
	6942	-52.29	-13	-39.29	-79.11	-60.41	2.61	10.73	H
	8676	-49.47	-13	-36.47	-78.64	-59.63	2.41	12.57	H
									H
									H
									H
	3474	-47.92	-13	-34.92	-68.67	-54.21	1.60	7.89	V
	5208	-56.14	-13	-43.14	-80.23	-63.38	2.46	9.70	V
	6942	-53.73	-13	-40.73	-80.57	-61.85	2.61	10.73	V
	8676	-49.91	-13	-36.91	-79.45	-60.07	2.41	12.57	V
									V
									V
									V

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

EN-DC 12A-n66A

EN-DC 12A-n66A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3474	-48.41	-13	-35.41	-69.28	-54.7	1.60	7.89	H
	5208	-41.78	-13	-28.78	-66	-49.02	2.46	9.70	H
	6942	-53.40	-13	-40.40	-80.22	-61.52	2.61	10.73	H
	8676	-50.96	-13	-37.96	-80.13	-61.12	2.41	12.57	H
									H
									H
									H
	3474	-47.41	-13	-34.41	-68.15	-53.7	1.60	7.89	V
	5208	-43.81	-13	-30.81	-67.9	-51.05	2.46	9.70	V
	6942	-51.60	-13	-38.60	-78.45	-59.72	2.61	10.73	V
	8676	-47.31	-13	-34.31	-76.85	-57.47	2.41	12.57	V
									V
									V
									V

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

<Ant. 0 + Ant. 8>

EN-DC 2A-n41A HPUE

EN-DC 2A-n41A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5166	-55.88	-25	-30.88	-79.98	-63.15	2.43	9.70	H
	7752	-52.86	-25	-27.86	-80.63	-62.46	2.35	11.95	H
	10332	-49.03	-25	-24.03	-81.37	-58.67	2.69	12.33	H
									H
									H
									H
									H
	5166	-55.69	-25	-30.69	-79.61	-62.96	2.43	9.70	V
	7752	-52.73	-25	-27.73	-80.76	-62.33	2.35	11.95	V
	10332	-48.72	-25	-23.72	-80.94	-58.36	2.69	12.33	V
									V
									V
									V
									V

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

EN-DC 66A-n41A HPUE

EN-DC 66A-n41A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5166	-55.11	-25	-30.11	-79.32	-62.38	2.43	9.70	H
	7752	-50.88	-25	-25.88	-78.65	-60.48	2.35	11.95	H
	10332	-49.04	-25	-24.04	-81.4	-58.68	2.69	12.33	H
									H
									H
									H
									H
	5166	-56.12	-25	-31.12	-80.13	-63.39	2.43	9.70	V
	7752	-49.54	-25	-24.54	-77.6	-59.14	2.35	11.95	V
	10332	-49.37	-25	-24.37	-81.53	-59.01	2.69	12.33	V
									V
									V
									V
									V

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

<Ant. 8 + Ant. 0>

EN-DC 2A-n71A

EN-DC 2A-n71A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-63.42	-13	-50.42	-73.31	-64.76	0.84	4.33	H
	2008	-58.88	-13	-45.88	-73.81	-59.52	1.14	3.92	H
	2680	-58.44	-13	-45.44	-75.9	-60.49	1.35	5.54	H
									H
									H
									H
									H
	1344	-63.25	-13	-50.25	-73.46	-64.59	0.84	4.33	V
	2008	-58.94	-13	-45.94	-74.3	-59.58	1.14	3.92	V
	2680	-57.96	-13	-44.96	-75.99	-60.01	1.35	5.54	V
									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)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1344	-63.77	-13	-50.77	-73.72	-65.11	0.84	4.33	H
	2008	-58.42	-13	-45.42	-73.45	-59.06	1.14	3.92	H
	2680	-59.13	-13	-46.13	-76.54	-61.18	1.35	5.54	H
									H
									H
									H
									H
	1344	-63.32	-13	-50.32	-73.64	-64.66	0.84	4.33	V
	2008	-58.52	-13	-45.52	-73.87	-59.16	1.14	3.92	V
	2680	-57.53	-13	-44.53	-75.62	-59.58	1.35	5.54	V
									V
									V
									V
									V

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

Appendix C. Setup Photographs

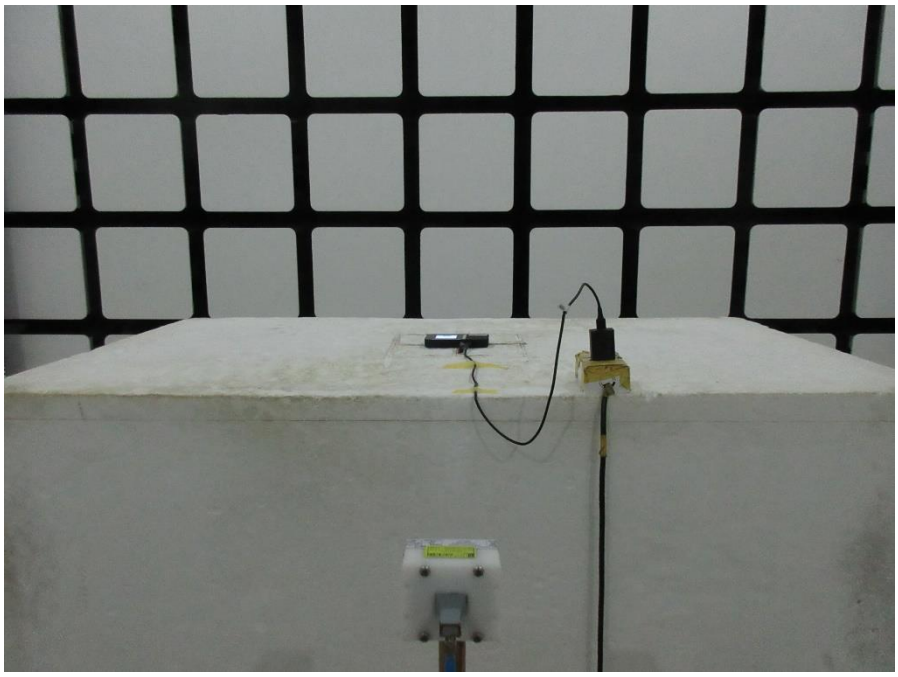
<Radiated Emission>

X Plane for 5G NR n7, n26, n71, EN-DC 2A-n41A HPUE, 7A-n5A, 12A-n66A

LF

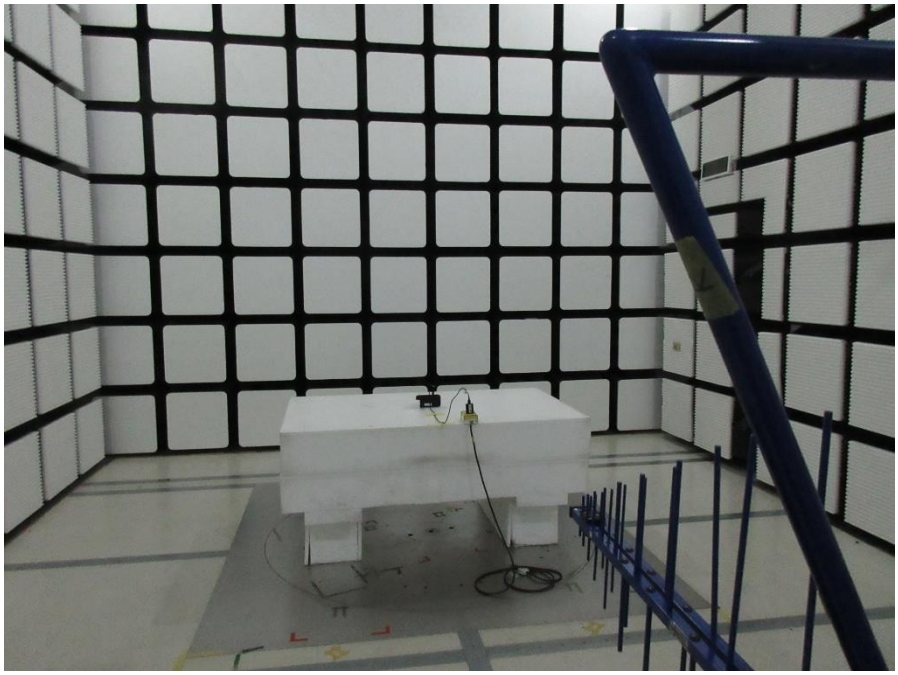
HF

SHF



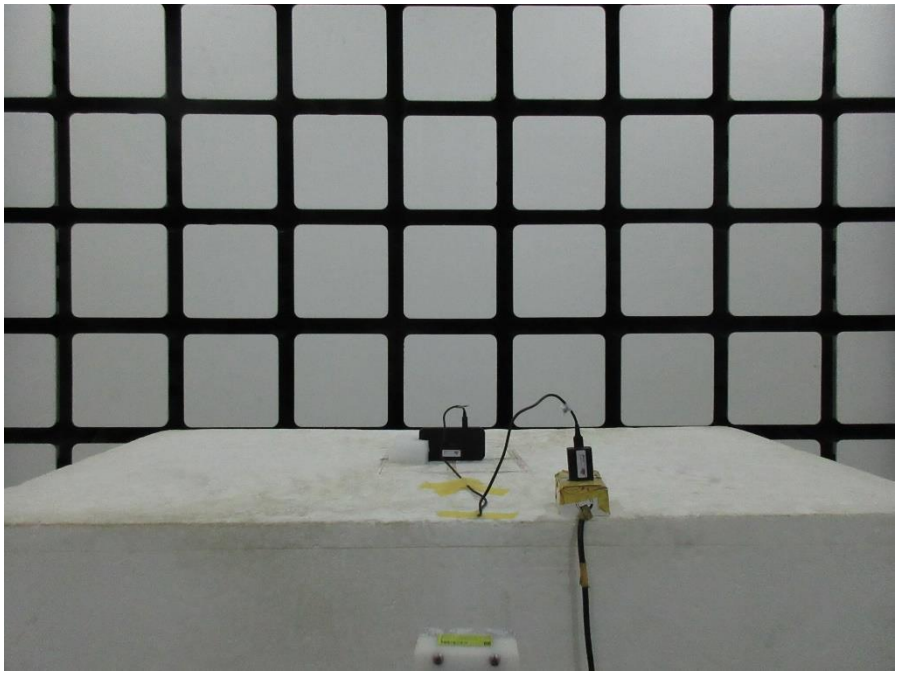
Y Plane for 5G NR n66, EN-DC 2A-n66A, 7A-n66A, 12A-n2A, 48A-n66A, 66A-n41A HPUE

LF



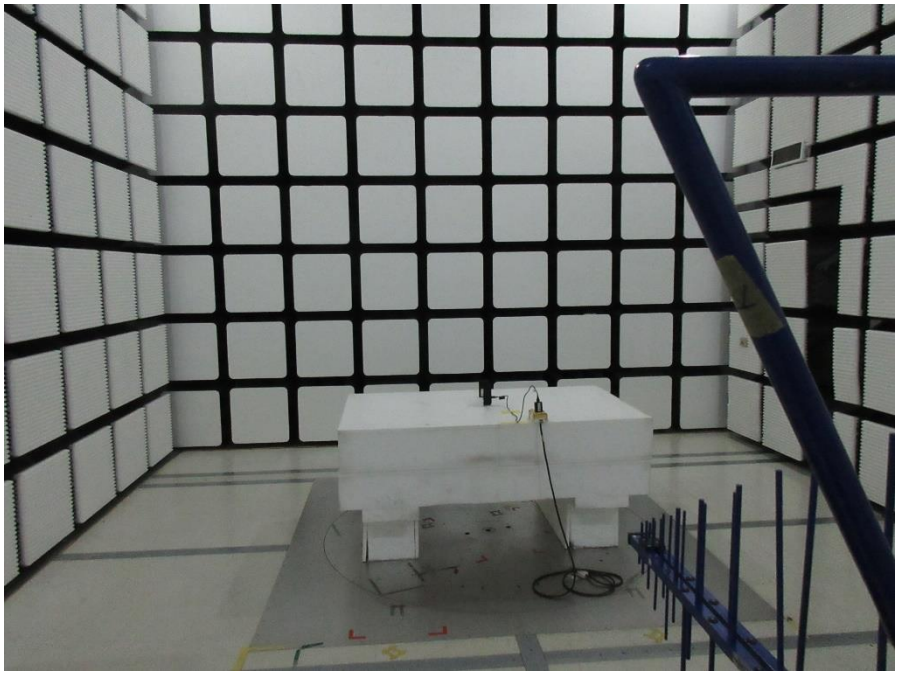
HF

SHF

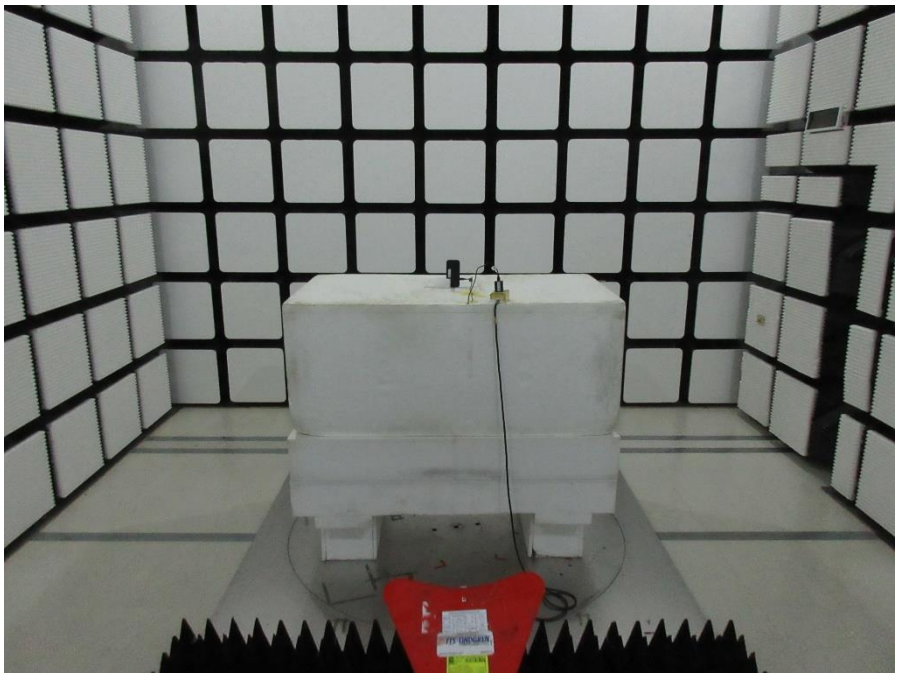


Z Plane for 5G NR n25, n41, n41 (MIMO), EN-DC 2A-n71A, 48A-n25A, 66A-n7A, 66A-n25A, 66A-n71A

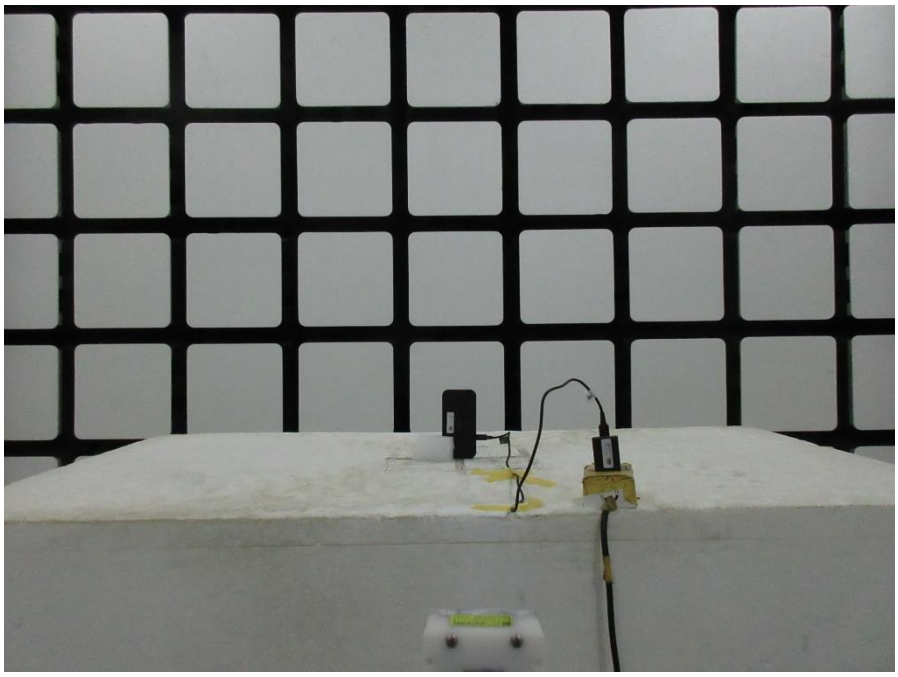
LF



HF



SHF



————THE END————