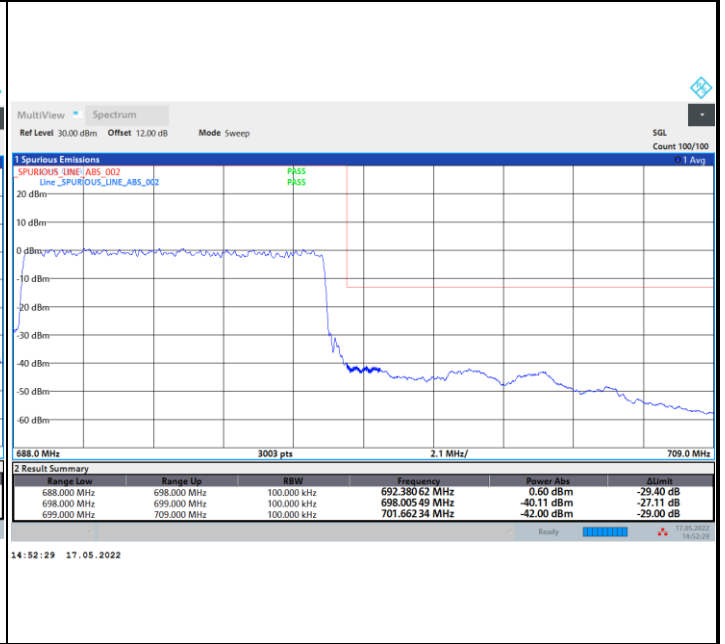
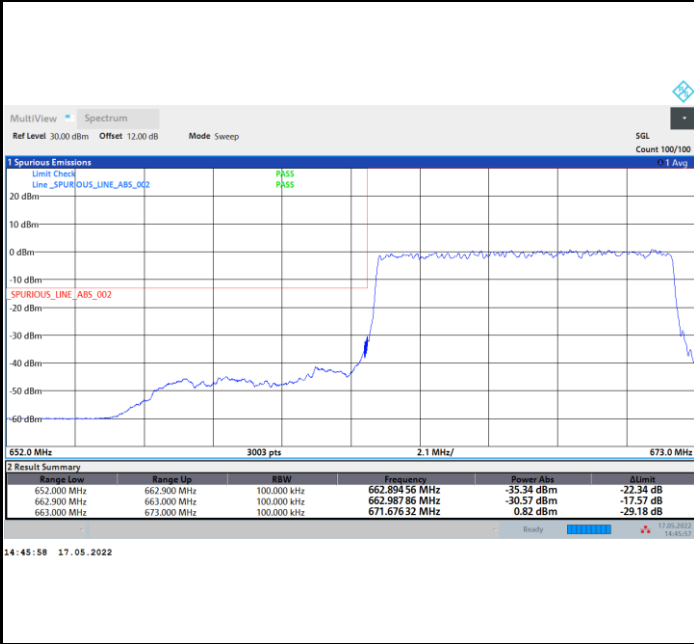




FR1 n71 / 10MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

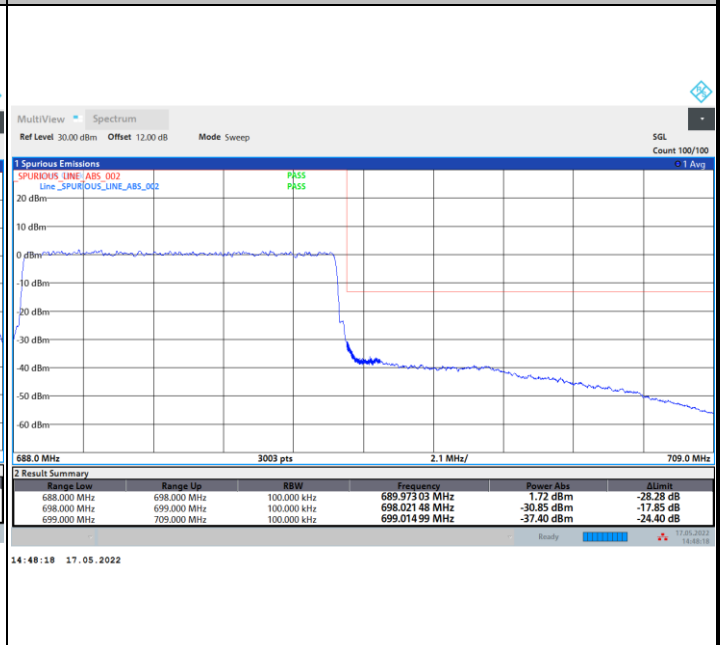
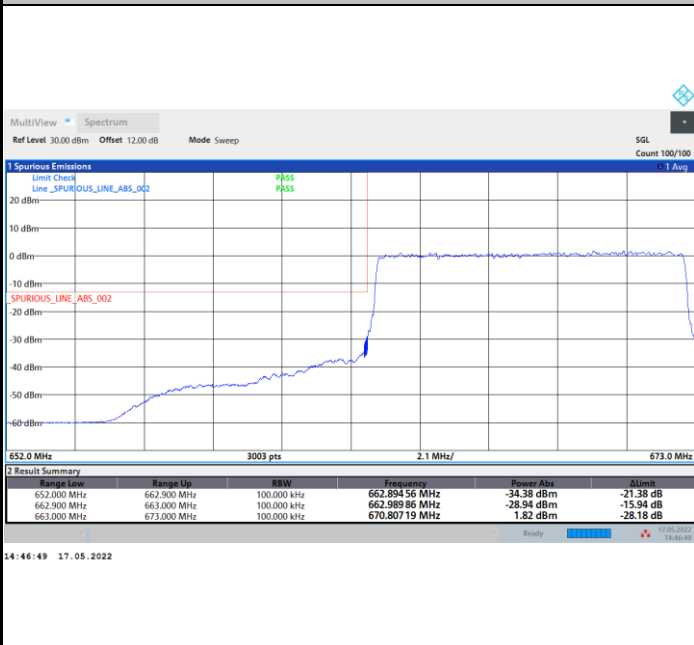
Highest Band Edge



FR1 n71 / 10MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

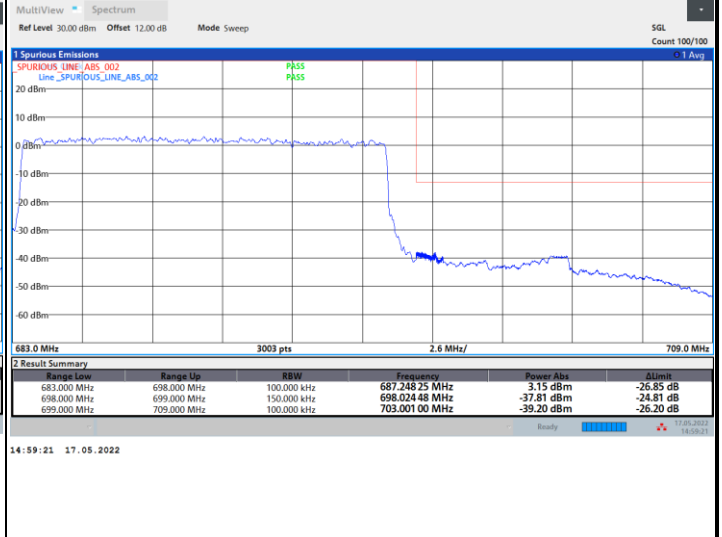
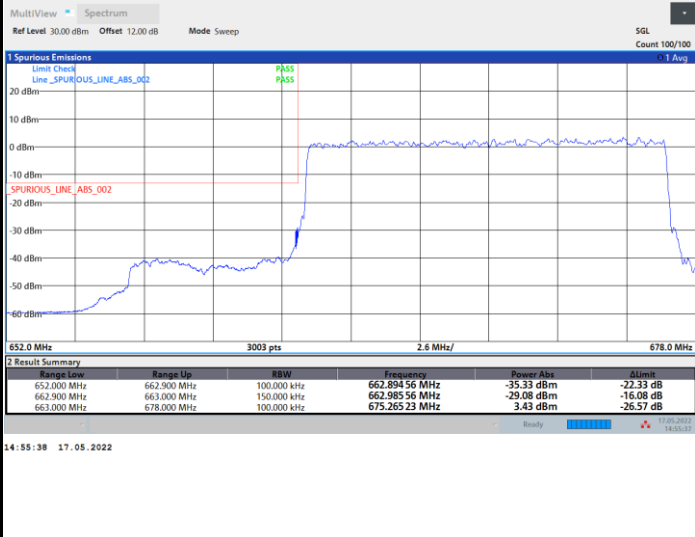




FR1 n71 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

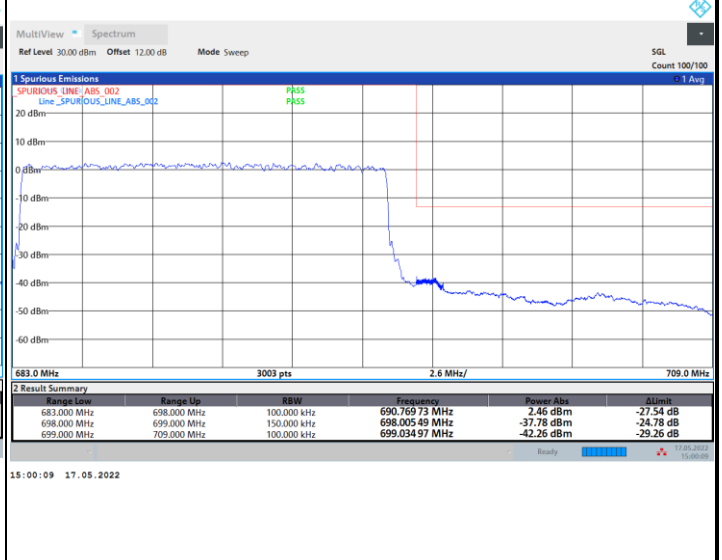
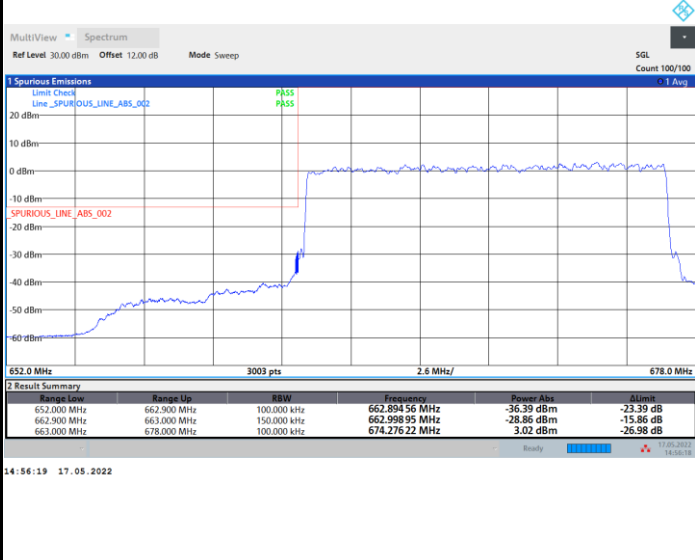
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge

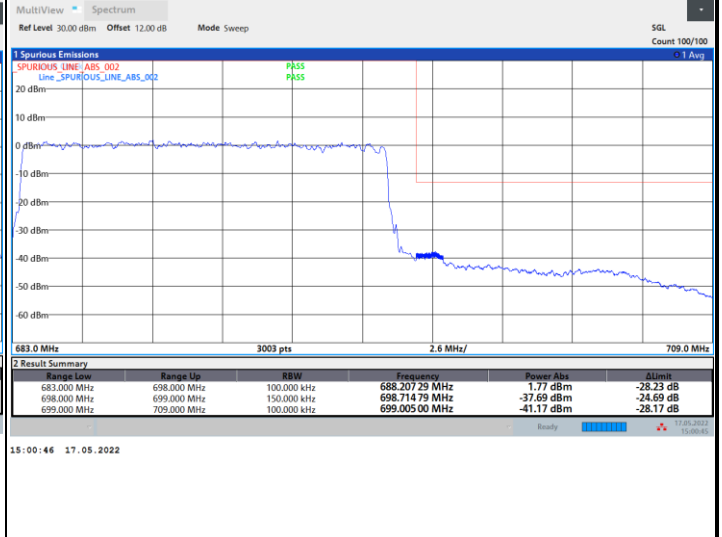
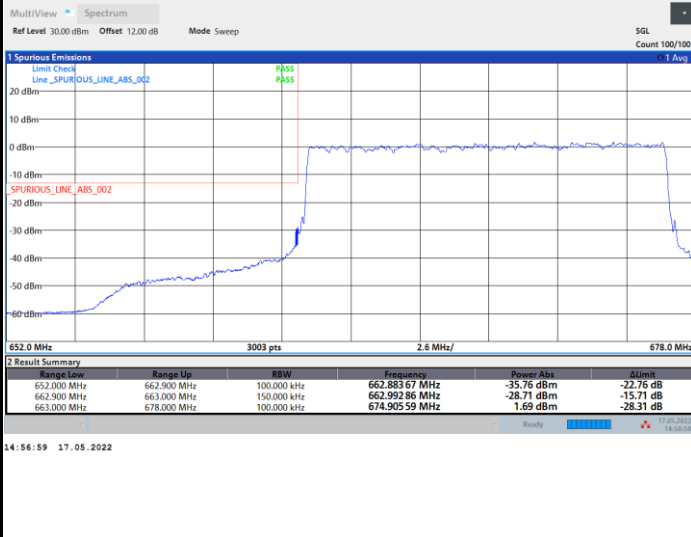




FR1 n71 / 15MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

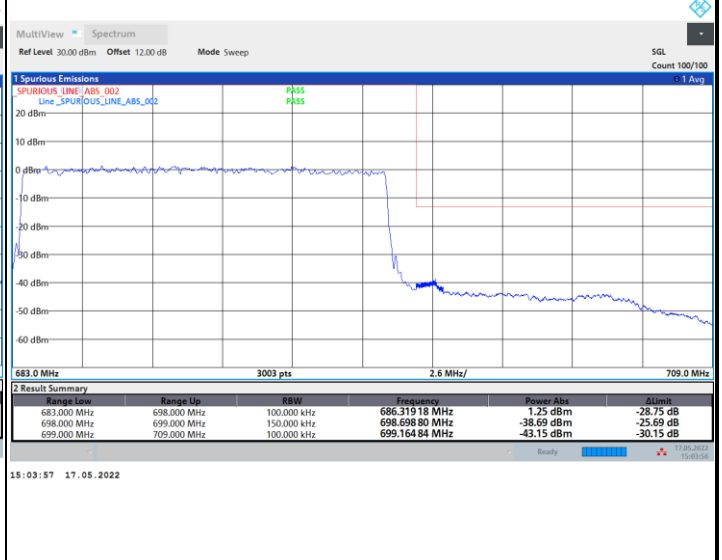
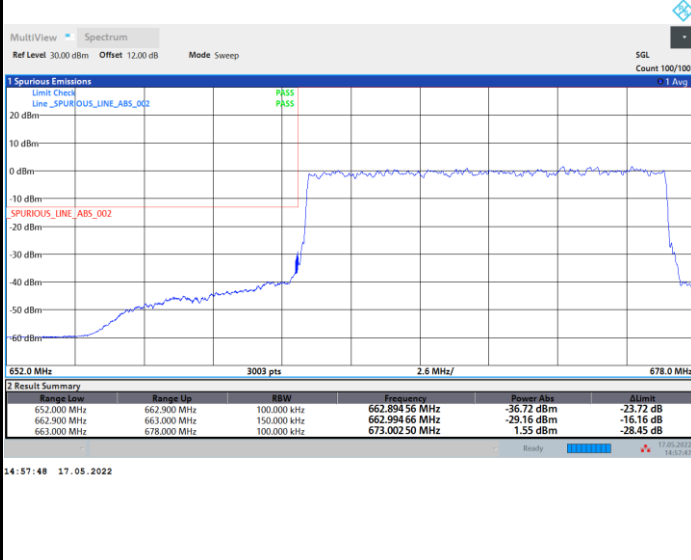
Highest Band Edge



FR1 n71 / 15MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge

Highest Band Edge

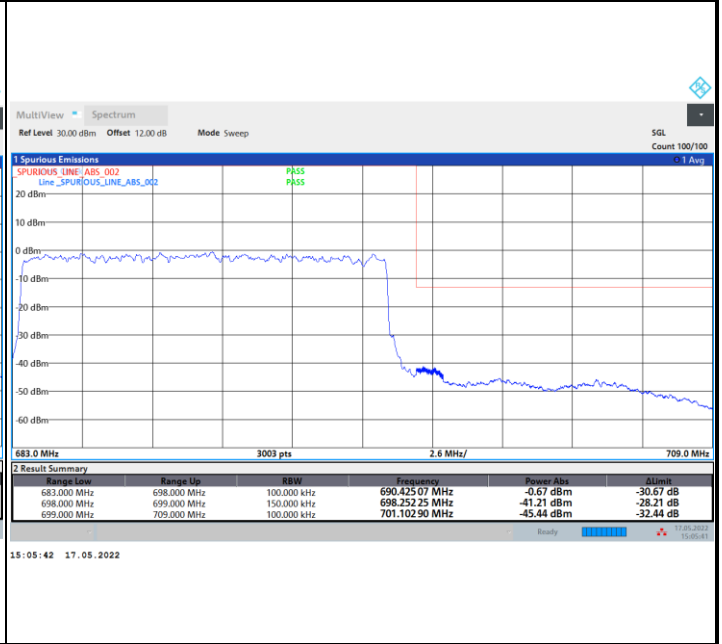
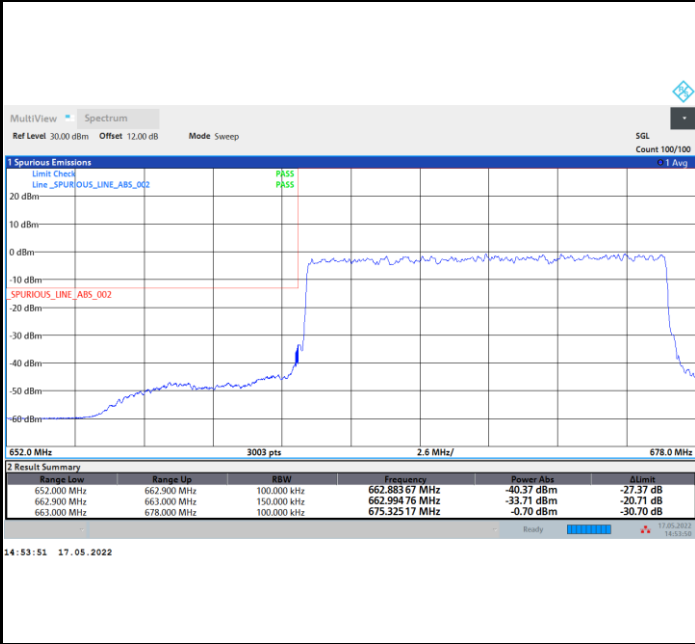




FR1 n71 / 15MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

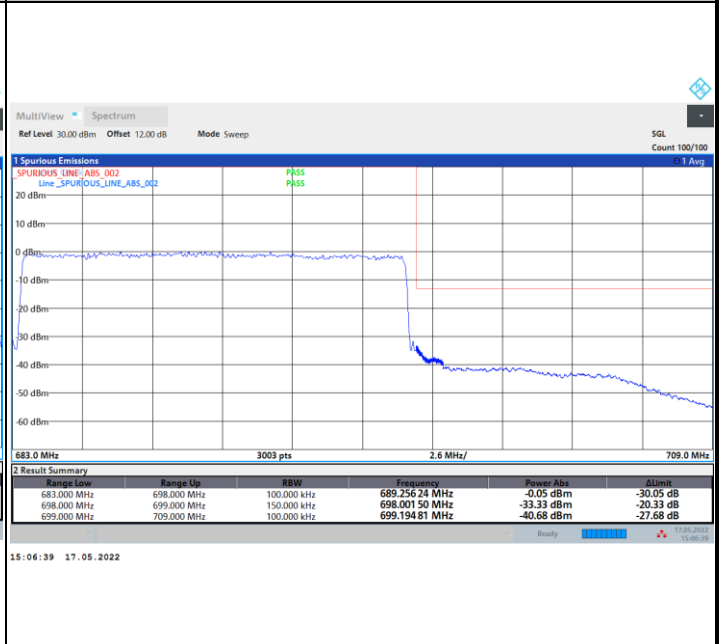
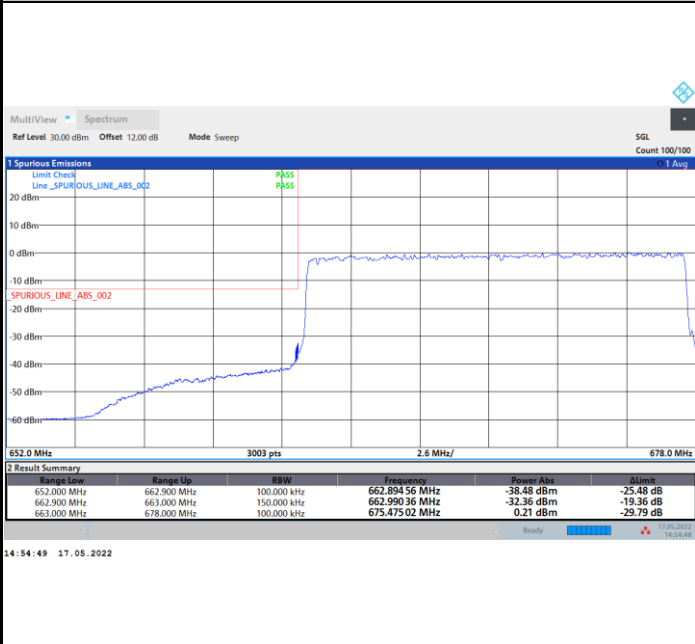
Highest Band Edge



FR1 n71 / 15MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

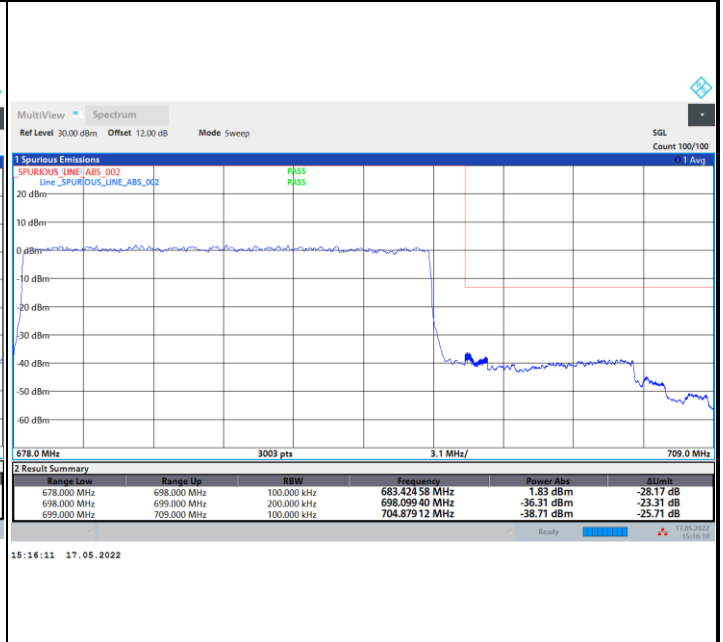
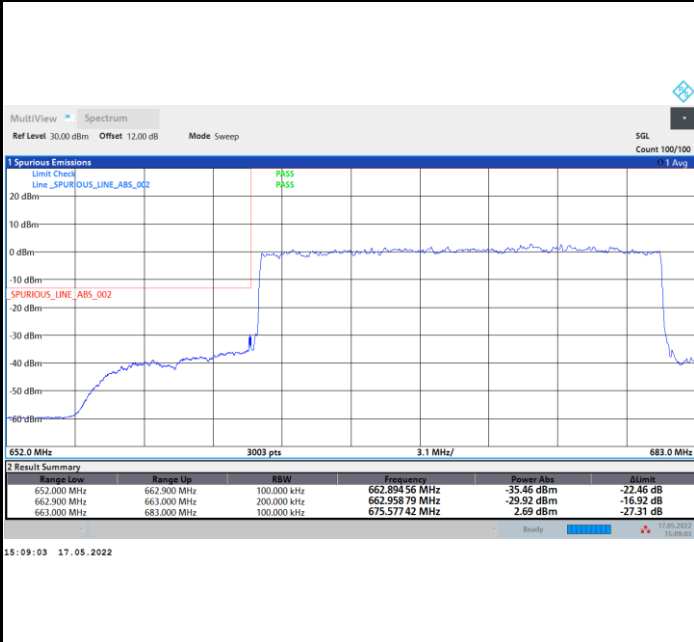




FR1 n71 / 20MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

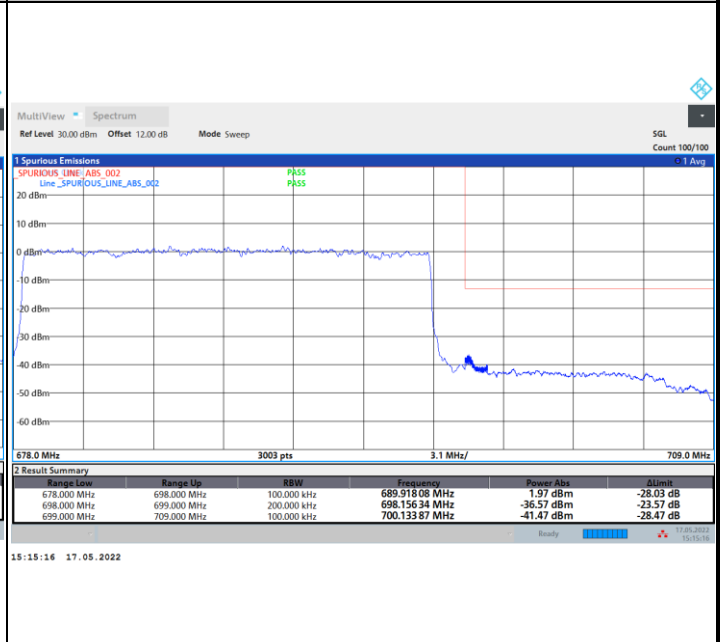
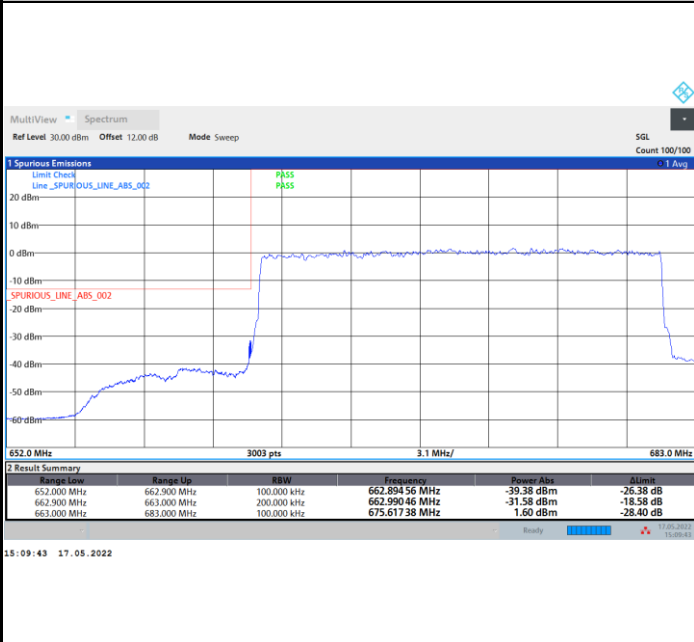
Highest Band Edge

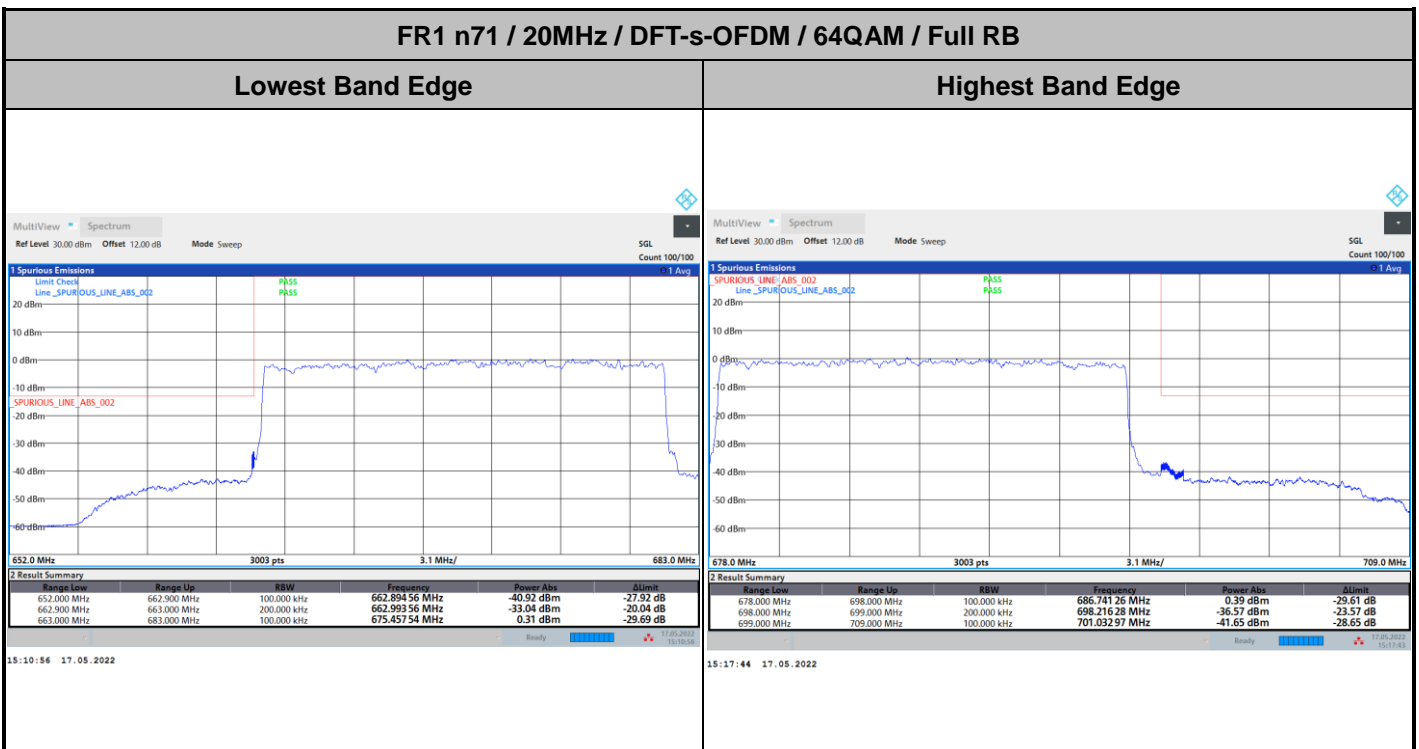
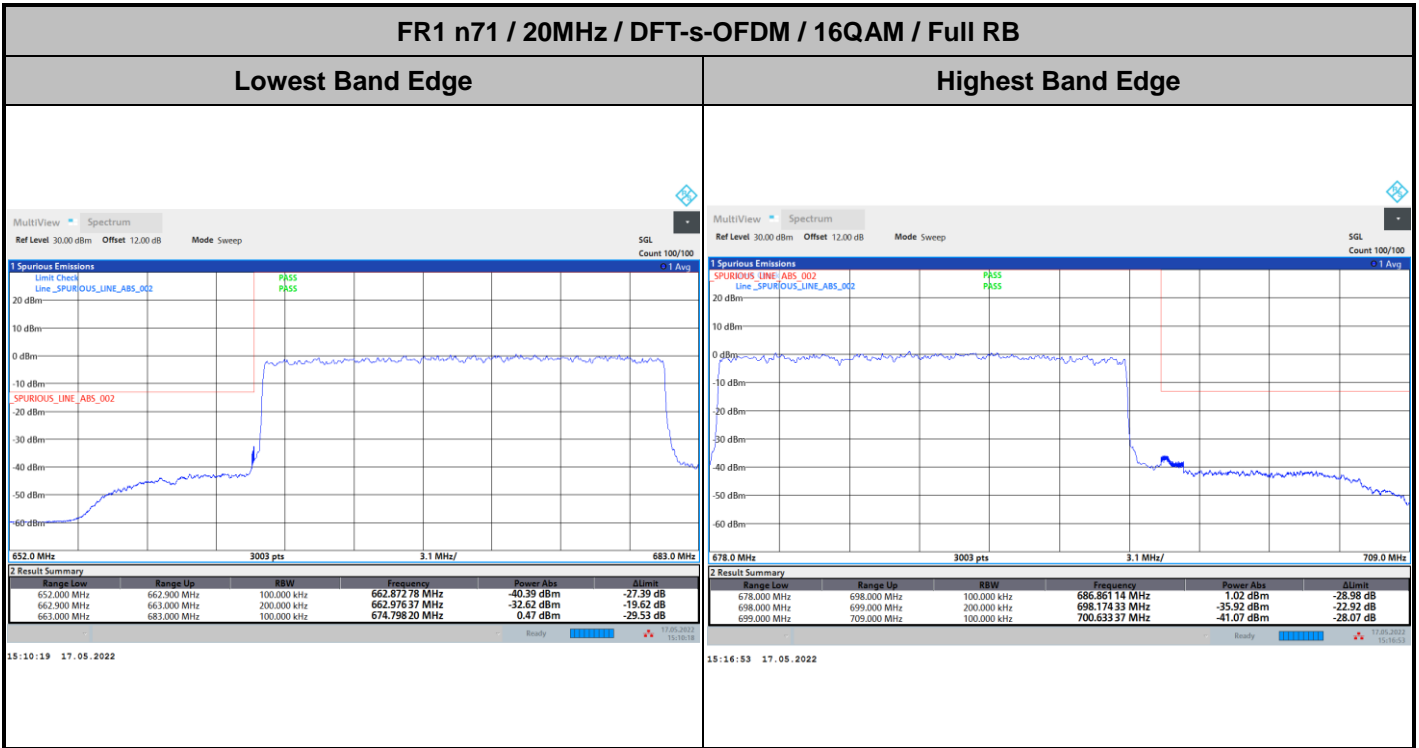


FR1 n71 / 20MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge



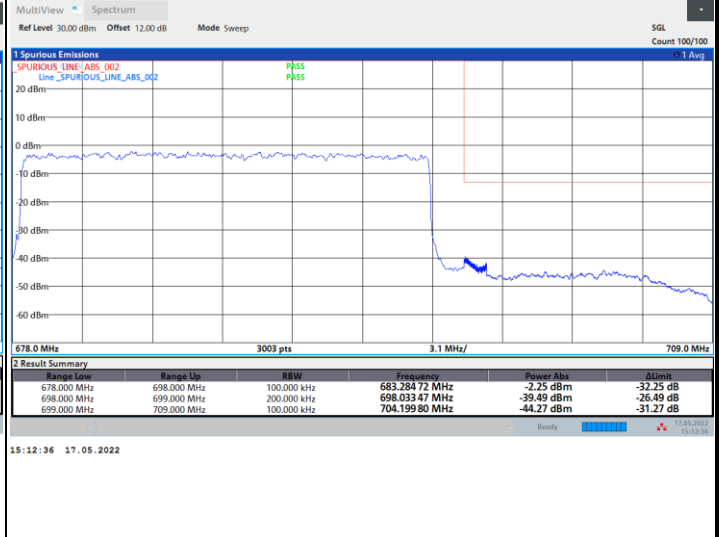
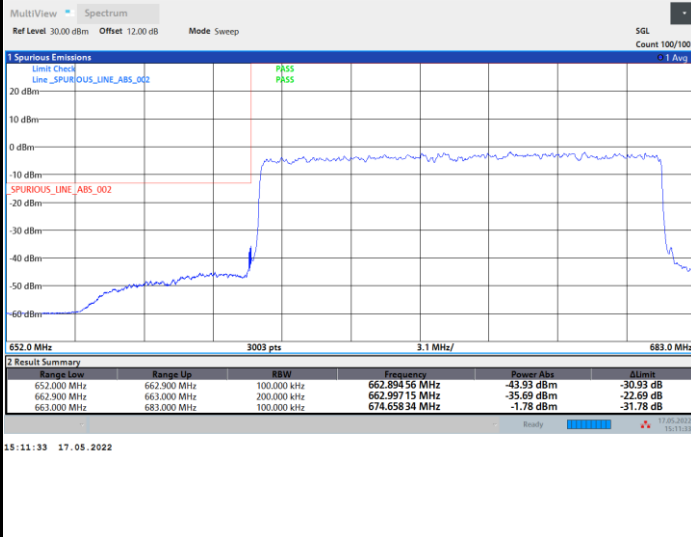




FR1 n71 / 20MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

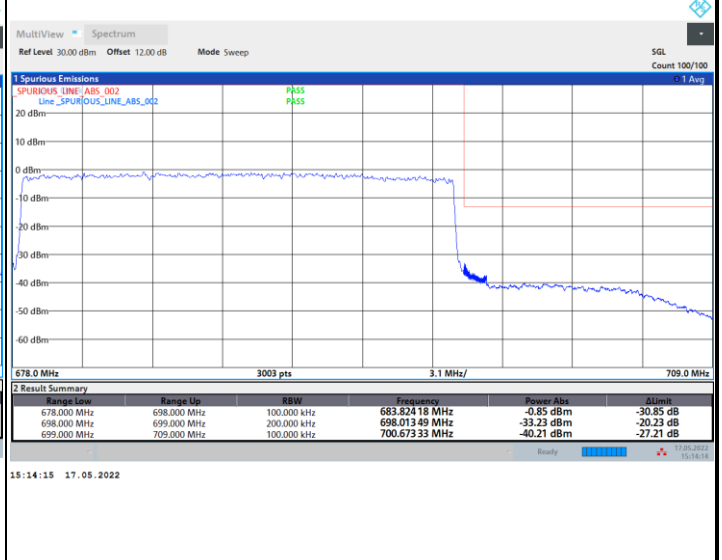
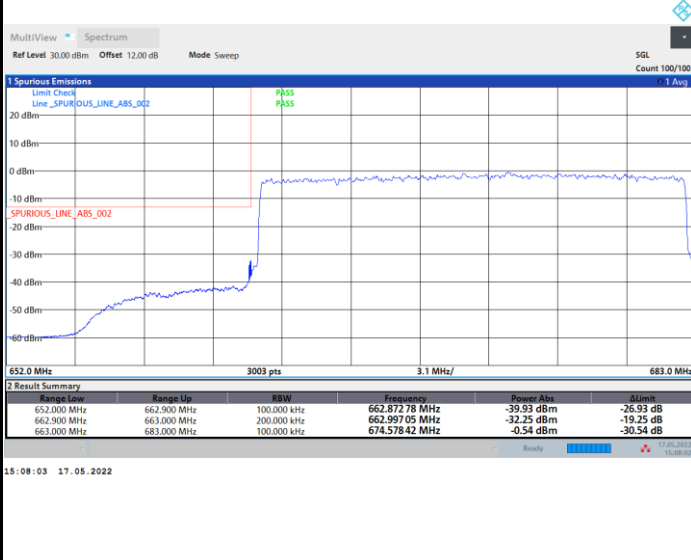
Highest Band Edge



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

Lowest Band Edge

Highest Band Edge



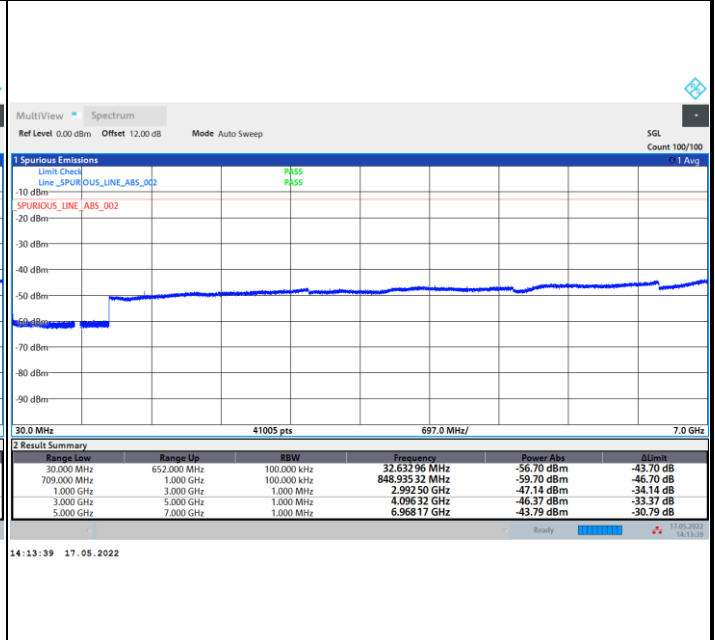
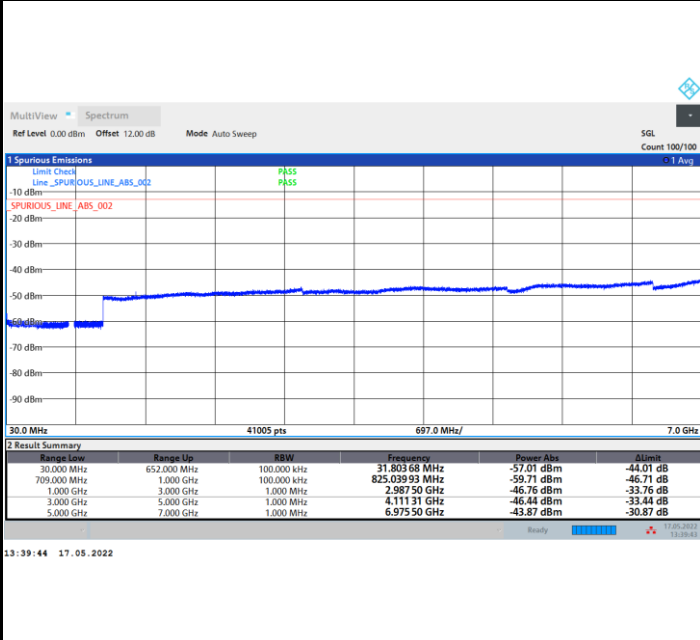


# Conducted Spurious Emission

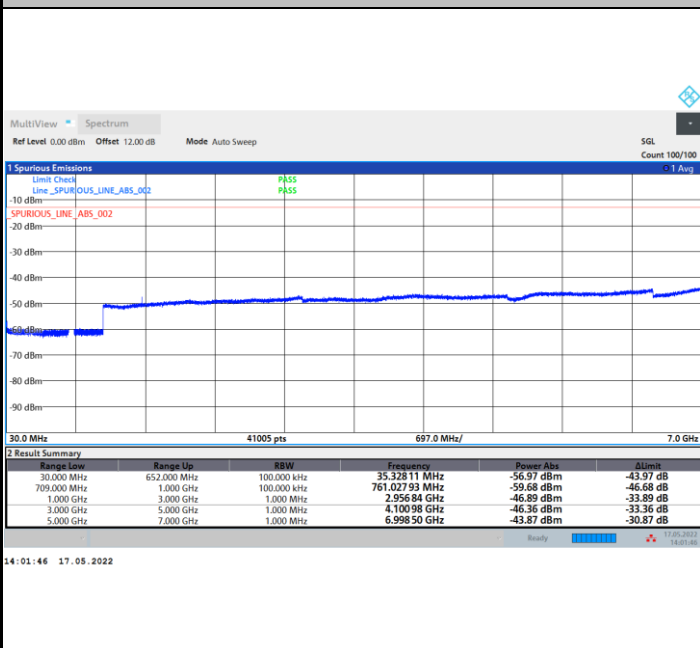
FR1 n71 / 5MHz / DFT-S OFDM / QPSK / 1RB1

## 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	0.0022	PASS
40	Normal Voltage	0.0076	
30	Normal Voltage	0.0087	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0044	
-10	Normal Voltage	0.0056	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0065	

**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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648	-59.34	-13	-46.34	-70.78	-61.1	0.98	4.89	H
	2472	-60.72	-13	-47.72	-77.69	-62.6	1.28	5.32	H
	3296	-58.89	-13	-45.89	-78.16	-62.3	1.54	7.10	H
									H
									H
									H
	1648	-57.54	-13	-44.54	-69.43	-59.3	0.98	4.89	V
	2472	-60.32	-13	-47.32	-77.81	-62.2	1.28	5.32	V
	3296	-58.84	-13	-45.84	-78.31	-62.25	1.54	7.10	V
									V
									V
									V
Middle	1656	-62.07	-13	-49.07	-74.01	-63.8	0.98	4.86	H
	2480	-56.79	-13	-43.79	-73.55	-58.7	1.28	5.34	H
	3306	-58.95	-13	-45.95	-78.14	-62.4	1.54	7.15	H
									H
									H
									H
	1656	-57.87	-13	-44.87	-70.17	-59.6	0.98	4.86	V
	2480	-52.55	-13	-39.55	-70.07	-54.46	1.28	5.34	V
	3306	-58.27	-13	-45.27	-78.05	-61.72	1.54	7.15	V
									V
									V
									V



Highest	1658	-64.47	-13	-51.47	-76.59	-66.2	0.98	4.86	H
	2487	-60.38	-13	-47.38	-77.47	-62.3	1.29	5.36	H
	3316	-58.91	-13	-45.91	-78.11	-62.4	1.55	7.19	H
									H
									H
									H
									H
	1658	-63.67	-13	-50.67	-76.03	-65.4	0.98	4.86	V
	2487	-60.48	-13	-47.48	-77.896	-62.4	1.29	5.36	V
	3316	-59.04	-13	-46.04	-78.3	-62.53	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 / 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	3700	-59.14	-13	-46.14	-79.38	-65.71	1.67	8.24	H
	5550	-56.04	-13	-43.04	-81.18	-63.11	2.65	9.72	H
	7400	-54.81	-13	-41.81	-81.71	-63.95	2.46	11.60	H
									H
									H
									H
									H
	3700	-59.23	-13	-46.23	-79.29	-65.8	1.67	8.24	V
	5550	-55.83	-13	-42.83	-80.85	-62.9	2.65	9.72	V
	7400	-54.60	-13	-41.60	-81.64	-63.74	2.46	11.60	V
									V
									V
									V
									V
Middle	3726	-57.30	-13	-44.30	-78.03	-63.9	1.68	8.27	H
	5592	-55.74	-13	-42.74	-80.9	-62.8	2.68	9.74	H
	7450	-54.41	-13	-41.41	-81.2	-63.66	2.45	11.70	H
									H
									H
									H
									H
	3726	-58.60	-13	-45.60	-79.29	-65.2	1.68	8.27	V
	5592	-55.34	-13	-42.34	-80.52	-62.4	2.68	9.74	V
	7450	-54.25	-13	-41.25	-80.9	-63.5	2.45	11.70	V
									V
									V
									V
									V



Highest	3750	-58.48	-13	-45.48	-78.88	-65.1	1.68	8.30	H
	5625	-56.35	-13	-43.35	-81.51	-63.4	2.70	9.75	H
	7500	-54.75	-13	-41.75	-81.51	-64.12	2.43	11.80	H
									H
									H
									H
									H
	3750	-58.53	-13	-45.53	-79	-65.15	1.68	8.30	V
	5625	-55.84	-13	-42.84	-81.54	-62.89	2.70	9.75	V
	7500	-54.47	-13	-41.47	-81.34	-63.84	2.43	11.80	V
									V
									V
									V
									V

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



5G NR n13

5G NR n13 / 10MHz / 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)
Middle	1554	-64.54	-13	-51.54	-75.76	-66.6	0.94	5.15	H
	2331	-60.89	-13	-47.89	-77.56	-62.4	1.24	4.89	H
	3108	-59.26	-13	-46.26	-78.01	-61.9	1.48	6.28	H
									H
									H
									H
									H
	1554	-64.48	-13	-51.48	-75.76	-66.54	0.94	5.15	V
	2331	-61.20	-13	-48.20	-77.56	-62.71	1.24	4.89	V
	3108	-59.12	-13	-46.12	-78.01	-61.76	1.48	6.28	V
									V
									V
									V
									V

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



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	1552	-64.68	-13	-51.68	-75.71	-66.75	0.94	5.15	H
	2331	-60.86	-13	-47.86	-77.41	-62.37	1.24	4.89	H
	3108	-59.46	-13	-46.46	-77.87	-62.10	1.48	6.28	H
									H
									H
									H
									H
	1552	-64.13	-13.00	-51.13	-75.68	-66.20	0.94	5.15	V
	2331	-60.46	-13	-47.46	-77.41	-61.97	1.24	4.89	V
	3108	-58.92	-13	-45.92	-78.09	-61.56	1.48	6.28	V
									V
									V
									V
									V
Middle	1560	-64.98	-42.15	-22.83	-76.16	-67.02	0.94	5.13	H
	2340	-60.75	-13	-47.75	-77.38	-62.28	1.24	4.92	H
	3120	-59.44	-13	-46.44	-77.92	-62.13	1.49	6.33	H
									H
									H
									H
									H
	1560	-64.47	-42.15	-22.32	-76.15	-66.51	0.94	5.13	V
	2340	-60.06	-13	-47.06	-77.10	-61.59	1.24	4.92	V
	3120	-58.58	-13	-45.58	-77.78	-61.27	1.49	6.33	V
									V
									V
									V
									V



Highest	1560	-64.55	-42.15	-22.40	-75.73	-66.59	0.94	5.13	H
	2346	-60.65	-13	-47.65	-77.28	-62.20	1.24	4.94	H
	3128	-59.50	-13	-46.50	-77.98	-62.23	1.49	6.36	H
									H
									H
									H
									H
	1560	-64.14	-42.15	-21.99	-75.82	-66.18	0.94	5.13	V
	2346	-60.13	-13	-47.13	-77.17	-61.68	1.24	4.94	V
	3128	-58.78	-13	-45.78	-77.98	-61.51	1.49	6.36	V
									V
									V
									V
									V

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





**5G NR n12**

5G NR n12 / 10MHz / 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	-64.87	-13.00	-51.87	-775.11	-66.53	0.87	4.68	H
	2097	-61.61	-13.00	-48.61	-77.06	-62.49	1.16	4.19	H
	2796	-59.91	-13.00	-46.91	-77.58	-62.01	1.38	5.64	H
									H
									H
									H
									H
	1400	-64.38	-13.00	-51.38	-75.09	-66.04	0.87	4.68	V
	2097	-61.16	-13.00	-48.16	-76.95	-62.04	1.16	4.19	V
	2796	-58.74	-13.00	-45.74	-77.19	-60.84	1.38	5.64	V
									V
									V
									V
									V
Middle	1405	-64.68	-13.00	-51.68	-74.91	-66.37	0.87	4.71	H
	2107	-61.01	-13.00	-48.01	-76.46	-61.91	1.17	4.22	H
	2810	-59.87	-13.00	-46.87	-77.54	-61.98	1.39	5.65	H
									H
									H
									H
									H
	1405	-64.08	-13.00	-51.08	-74.78	-65.77	0.87	4.71	V
	2107	-61.35	-13.00	-48.35	-77.14	-62.25	1.17	4.22	V
	2810	-58.62	-13.00	-45.62	-77.07	-60.73	1.39	5.65	V
									V
									V
									V
									V



Highest	1412	-65.22	-13.00	-52.22	-75.45	-66.95	0.87	4.75	H
	2118	-61.02	-13.00	-48.02	-76.53	-61.95	1.17	4.25	H
	2824	-60.28	-13.00	-47.28	-77.69	-62.40	1.39	5.66	H
									H
									H
									H
									H
	1412	-64.65	-13.00	-51.65	-75.35	-66.38	0.87	4.75	V
	2118	-60.92	-13.00	-47.92	-76.78	-61.85	1.17	4.25	V
	2824	-60.12	-13.00	-47.12	-77.51	-62.24	1.39	5.66	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 / 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	3420	-58.03	-13	-45.03	-78.26	-64.1	1.58	7.65	H
	5130	-56.51	-13	-43.51	-80.46	-63.8	2.41	9.70	H
	6846	-54.52	-13	-41.52	-81.38	-62.5	2.64	10.62	H
									H
									H
									H
									H
	3420	-57.23	-13	-44.23	-77.76	-63.3	1.58	7.65	V
	5130	-48.21	-13	-35.21	-71.6	-55.5	2.41	9.70	V
	6846	-53.12	-13	-40.12	-80.2	-61.1	2.64	10.62	V
									V
									V
									V
									V
Middle	3450	-56.07	-13	-43.07	-76.79	-62.26	1.59	7.78	H
	5178	-48.88	-13	-35.88	-72.98	-56.14	2.44	9.70	H
	6900	-55.03	-13	-42.03	-81.94	-63.09	2.62	10.68	H
									H
									H
									H
									H
	3450	-57.14	-13	-44.14	-77.83	-63.33	1.59	7.78	V
	5178	-48.76	-13	-35.76	-72.77	-56.02	2.44	9.70	V
	6900	-54.43	-13	-41.43	-81.37	-62.49	2.62	10.68	V
									V
									V
									V
									V



Highest	3480	-56.99	-13	-43.99	-77.61	-63.3	1.60	7.91	H
	5220	-56.86	-13	-43.86	-81.01	-64.1	2.46	9.70	H
	6966	-55.44	-13	-42.44	-81.79	-63.6	2.60	10.76	H
									H
									H
									H
									H
	3480	-57.79	-13	-44.79	-78.09	-64.1	1.60	7.91	V
	5220	-56.36	-13	-43.36	-80.21	-63.6	2.46	9.70	V
	6966	-55.04	-13	-42.04	-81.65	-63.2	2.60	10.76	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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	5000	-56.74	-25	-31.74	-80.35	-64.1	2.34	9.70	H
	7500	-53.83	-25	-28.83	-80.43	-63.2	2.43	11.80	H
	10000	-50.90	-25	-25.90	-81.65	-60.4	2.70	12.20	H
									H
									H
									H
									H
	5000	-57.54	-25	-32.54	-80.9	-64.9	2.34	9.70	V
	7500	-53.43	-25	-28.43	-80.8	-62.8	2.43	11.80	V
	10000	-53.70	-25	-28.70	-81.73	-63.2	2.70	12.20	V
									V
									V
									V
									V
Middle	5052	-56.17	-25	-31.17	-79.72	-63.5	2.37	9.70	H
	7578	-54.26	-25	-29.26	-81.2	-63.7	2.40	11.85	H
	10100	-49.76	-25	-24.76	-81.22	-59.3	2.70	12.24	H
									H
									H
									H
									H
	5052	-57.17	-25	-32.17	-80.43	-64.5	2.37	9.70	V
	7578	-51.66	-25	-26.66	-79.17	-61.1	2.40	11.85	V
	10100	-50.16	-25	-25.16	-81.42	-59.7	2.70	12.24	V
									V
									V
									V
									V
								V	



Highest	5100	-56.79	-25	-31.79	-80.67	-64.1	2.39	9.70	H
	7650	-53.99	-25	-28.99	-81.33	-63.5	2.38	11.89	H
	10206	-49.21	-25	-24.21	-81.1	-58.8	2.70	12.28	H
									H
									H
									H
									H
	5100	-56.47	-25	-31.47	-80.06	-63.78	2.39	9.70	V
	7650	-53.79	-25	-28.79	-81.42	-63.3	2.38	11.89	V
	10206	-49.81	-25	-24.81	-81.33	-59.4	2.70	12.28	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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-64.88	-13	-51.88	-74.86	-66.13	0.84	4.23	H
	1992	-60.91	-13	-47.91	-75.88	-61.55	1.13	3.92	H
	2648	-60.16	-13	-47.16	-77.52	-62.19	1.34	5.52	H
									H
									H
									H
									H
	1328	-64.76	-13	-51.76	-75.02	-66.01	0.84	4.23	V
	1992	-61.18	-13	-48.18	-76.42	-61.82	1.13	3.92	V
	2648	-59.56	-13	-46.56	-77.55	-61.59	1.34	5.52	V
									V
									V
									V
									V
Middle	1344	-64.68	-13	-51.68	-74.57	-66.02	0.84	4.33	H
	2008	-61.17	-13	-48.17	-76.13	-61.81	1.14	3.92	H
	2680	-60.18	-13	-47.18	-77.57	-62.23	1.35	5.54	H
									H
									H
									H
									H
	1344	-63.55	-13	-50.55	-73.9	-64.89	0.84	4.33	V
	2008	-61.12	-13	-48.12	-76.41	-61.76	1.14	3.92	V
	2680	-59.04	-13	-46.04	-77.13	-61.09	1.35	5.54	V
									V
									V
									V
									V



Highest	1352	-64.84	-13	-51.84	-74.86	-66.23	0.85	4.38	H
	2032	-61.62	-13	-48.62	-76.68	-62.32	1.14	4.00	H
	2712	-59.68	-13	-46.68	-77.23	-61.74	1.36	5.57	H
									H
									H
									H
									H
	1352	-64.22	-13	-51.22	-74.76	-65.61	0.85	4.38	V
	2032	-61.12	-13	-48.12	-76.65	-61.82	1.14	4.00	V
	2712	-59.27	-13	-46.27	-77.45	-61.33	1.36	5.57	V
									V
									V
									V
									V

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





<Ant. 8>

**5G NR n38**

5G NR n38 / 15MHz / 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	-57.01	-25	-32.01	-81.2	-64.29	2.42	9.70	H
	7716	-47.54	-25	-22.54	-75.28	-57.11	2.36	11.93	H
	10296	-49.43	-25	-24.43	-81.69	-59.05	2.69	12.32	H
									H
									H
									H
									H
	5142	-57.14	-25	-32.14	-80.99	-64.42	2.42	9.70	V
	7716	-51.56	-25	-26.56	-79.54	-61.13	2.36	11.93	V
	10296	-48.91	-25	-23.91	-81.04	-58.53	2.69	12.32	V
									V
									V
									V
									V
Middle	5178	-56.87	-25	-31.87	-81.04	-64.13	2.44	9.70	H
	7764	-48.21	-25	-23.21	-75.89	-57.82	2.34	11.96	H
	10350	-49.36	-25	-24.36	-81.78	-59.01	2.69	12.34	H
									H
									H
									H
									H
	5178	-56.75	-25	-31.75	-80.74	-64.01	2.44	9.70	V
	7764	-46.95	-25	-21.95	-75.04	-56.56	2.34	11.96	V
	10350	-49.87	-25	-24.87	-82.13	-59.52	2.69	12.34	V
									V
									V
									V



Highest	5214	-57.05	-25	-32.05	-81.29	-64.29	2.46	9.70	H
	7818	-54.03	-25	-29.03	-82.03	-63.69	2.33	11.99	H
	10422	-49.14	-25	-24.14	-81.8	-58.82	2.69	12.37	H
									H
									H
									H
									H
	5214	-57.52	-25	-32.52	-81.49	-64.76	2.46	9.70	V
	7818	-47.46	-25	-22.46	-75.67	-57.12	2.33	11.99	V
	10422	-48.87	-25	-23.87	-81.34	-58.55	2.69	12.37	V
									V
									V
									V
									V

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



5G NR n70

5G NR n70 / 15MHz / 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)
Middle	3390	-53.85	-13	-40.85	-74.03	-59.8	1.57	7.52	H
	5088	-50.79	-13	-37.79	-74.66	-58.1	2.39	9.70	H
	6780	-54.03	-13	-41.03	-81.08	-61.9	2.66	10.54	H
	8478	-51.59	-13	-38.59	-80.24	-61.7	2.37	12.48	H
									H
									H
									H
	3390	-52.15	-13	-39.15	-72.75	-58.1	1.57	7.52	V
	5088	-55.09	-13	-42.09	-78.58	-62.4	2.39	9.70	V
	6780	-53.13	-13	-40.13	-79.88	-61	2.66	10.54	V
	8478	-47.94	-13	-34.94	-77.29	-58.05	2.37	12.48	V
									V
									V
									V

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



5G NR n70 / 10MHz / 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	3390	-53.95	-13	-40.95	-74.14	-59.9	1.57	7.52	H
	5088	-52.79	-13	-39.79	-76.56	-60.1	2.39	9.70	H
	6780	-53.83	-13	-40.83	-80.91	-61.7	2.66	10.54	H
	8478	-51.39	-13	-38.39	-80.27	-61.5	2.37	12.48	H
									H
									H
									H
	3390	-52.45	-13	-39.45	-72.86	-58.4	1.57	7.52	V
	5088	-53.89	-13	-40.89	-77.74	-61.2	2.39	9.70	V
	6780	-53.08	-13	-40.08	-80.08	-60.95	2.66	10.54	V
	8478	-48.19	-13	-35.19	-76.96	-58.3	2.37	12.48	V
									V
									V
									V
Middle	3396	-51.53	-13	-38.53	-71.9	-57.5	1.57	7.54	H
	5094	-50.89	-13	-37.89	-74.74	-58.2	2.39	9.70	H
	6792	-53.91	-13	-40.91	-81.05	-61.8	2.66	10.55	H
	8490	-51.28	-13	-38.28	-80.35	-61.4	2.37	12.49	H
									H
									H
									H
	3396	-51.13	-13	-38.13	-71.49	-57.1	1.57	7.54	V
	5094	-51.19	-13	-38.19	-74.74	-58.5	2.39	9.70	V
	6792	-53.71	-13	-40.71	-80.2	-61.6	2.66	10.55	V
	8490	-48.08	-13	-35.08	-77.16	-58.2	2.37	12.49	V
									V
									V
									V



Highest	3402	-50.60	-13	-37.60	-70.96	-56.6	1.57	7.57	H
	5100	-53.89	-13	-40.89	-77.63	-61.2	2.39	9.70	H
	6804	-53.29	-13	-40.29	-80.26	-61.2	2.65	10.56	H
	8502	-51.17	-13	-38.17	-79.93	-61.3	2.38	12.50	H
									H
									H
									H
	3402	-51.20	-13	-38.20	-71.68	-57.2	1.57	7.57	V
	5100	-55.29	-13	-42.29	-79.02	-62.6	2.39	9.70	V
	6804	-53.19	-13	-40.19	-80.02	-61.1	2.65	10.56	V
	8502	-47.97	-13	-34.97	-76.88	-58.1	2.38	12.50	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	-53.35	-25	-28.35	-77.05	-60.7	2.33	9.68	H
	7494	-38.24	-25	-13.24	-65.76	-47.6	2.43	11.79	H
	9990	-50.59	-25	-25.59	-81.69	-60.1	2.69	12.21	H
									H
									H
									H
									H
	4992	-51.45	-25	-26.45	-74.68	-58.8	2.33	9.68	V
	7494	-39.34	-25	-14.34	-66.35	-48.7	2.43	11.79	V
	9990	-50.69	-25	-25.69	-81.4	-60.2	2.69	12.21	V
									V
									V
									V
									V
Middle	5088	-55.49	-25	-30.49	-79.32	-62.8	2.39	9.70	H
	7632	-41.71	-25	-16.71	-69.17	-51.2	2.39	11.88	H
	10170	-50.33	-25	-25.33	-81.34	-59.9	2.70	12.27	H
									H
									H
									H
									H
	5088	-55.79	-25	-30.79	-79.19	-63.1	2.39	9.70	V
	7632	-43.71	-25	-18.71	-71.23	-53.2	2.39	11.88	V
	10170	-49.73	-25	-24.73	-81.01	-59.3	2.70	12.27	V
									V
									V
									V
									V



Highest	5178	-57.04	-25	-32.04	-80.76	-64.3	2.44	9.70	H
	7776	-50.07	-25	-25.07	-77.7	-59.7	2.34	11.97	H
	10360	-50.35	-25	-25.35	-82.07	-60	2.69	12.34	H
									H
									H
									H
									H
	5178	-57.44	-25	-32.44	-80.86	-64.7	2.44	9.70	V
	7776	-50.57	-25	-25.57	-78.46	-60.2	2.34	11.97	V
	10360	-49.85	-25	-24.85	-81.88	-59.5	2.69	12.34	V
									V
									V
									V
									V

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



MIMO <Ant. 8+0>

**5G NR n41 MIMO**

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	-57.05	-25	-32.05	-80.92	-64.4	2.33	9.68	H
	7494	-50.84	-25	-25.84	-77.72	-60.2	2.43	11.79	H
	9990	-50.69	-25	-25.69	-81.39	-60.2	2.69	12.21	H
									H
									H
									H
									H
	4992	-56.95	-25	-31.95	-80.75	-64.3	2.33	9.68	V
	7494	-53.24	-25	-28.24	-80.4	-62.6	2.43	11.79	V
	9990	-50.89	-25	-25.89	-81.71	-60.4	2.69	12.21	V
									V
									V
									V
									V
Middle	5088	-56.82	-25	-31.82	-80.87	-64.13	2.39	9.70	H
	7632	-53.64	-25	-28.64	-81.17	-63.13	2.39	11.88	H
	10170	-49.32	-25	-24.32	-81.27	-58.89	2.70	12.27	H
									H
									H
									H
									H
	5088	-56.58	-25	-31.58	-80.47	-63.89	2.39	9.70	V
	7632	-46.12	-25	-21.12	-73.89	-55.61	2.39	11.88	V
	10170	-49.19	-25	-24.19	-81.05	-58.76	2.70	12.27	V
									V
									V
									V
									V





Highest	5178	-56.78	-25	-31.78	-80.93	-64.04	2.44	9.70	H
	7776	-50.19	-25	-25.19	-78.1	-59.82	2.34	11.97	H
	10368	-49.61	-25	-24.61	-82.03	-59.26	2.69	12.35	H
									H
									H
									H
									H
	5178	-56.85	-25	-31.85	-80.84	-64.11	2.44	9.70	V
	7776	-50.38	-25	-25.38	-78.54	-60.001	2.34	11.97	V
	10368	-49.51	-25	-24.51	-81.9	-59.16	2.69	12.35	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 2A-n5A**

EN-DC 2A-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	-53.48	-13	-40.48	-67.13	-55.24	0.98	4.89	H
	2472	-59.42	-13	-46.42	-76.56	-61.3	1.28	5.32	H
	3296	-56.69	-13	-43.69	-75.93	-60.1	1.54	7.10	H
	4120	-51.58	-13	-38.58	-72.53	-56.22	1.83	8.62	H
									H
									H
									H
	1648	-55.70	-13	-42.70	-67.95	-57.46	0.98	4.89	V
	2472	-57.67	-13	-44.67	-74.93	-59.55	1.28	5.32	V
	3296	-57.82	-13	-44.82	-77.37	-61.23	1.54	7.10	V
	4120	-56.86	-13	-43.86	-77.13	-61.5	1.83	8.62	V
									V
								V	
Middle	1656	-55.77	-13	-42.77	-67.55	-57.50	0.98	4.86	H
	2480	-58.49	-13	-45.49	-75.4	-60.4	1.28	5.34	H
	3312	-56.62	-13	-43.62	-75.76	-60.1	1.55	7.17	H
	4136	-53.20	-13	-40.20	-73.61	-57.84	1.84	8.63	H
									H
									H
									H
	1656	-56.67	-13	-43.67	-68.89	-58.4	0.98	4.86	V
	2480	-57.81	-13	-44.81	-75.24	-59.72	1.28	5.34	V
	3312	-57.72	-13	-44.72	-77.27	-61.2	1.55	7.17	V
	4136	-57.86	-13	-44.86	-78.21	-62.5	1.84	8.63	V
									V
								V	
								V	



EN-DC 2A-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)
Highest	1656	-57.02	-13	-44.02	-68.97	-58.75	0.98	4.86	H
	2488	-59.37	-13	-46.37	-76.4	-61.3	1.29	5.36	H
	3316	-57.00	-13	-44.00	-76.27	-60.49	1.55	7.19	H
	4152	-53.42	-13	-40.42	-73.94	-58.05	1.85	8.63	H
									H
									H
									H
	1656	-57.23	-13	-44.23	-69.43	-58.96	0.98	4.86	V
	2488	-58.27	-13	-45.27	-75.68	-60.2	1.29	5.36	V
	3316	-57.81	-13	-44.81	-77.38	-61.3	1.55	7.19	V
	4152	-57.47	-13	-44.47	-78.28	-62.1	1.85	8.63	V
									V
									V
									V

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



**EN-DC 66A-n5A**

EN-DC 66A-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)
Middle	1656	-55.32	-13	-42.32	-67.37	-57.05	0.98	4.86	H
	2480	-59.20	-13	-46.20	-76.39	-61.11	1.28	5.34	H
	3312	-55.93	-13	-42.93	-75.34	-59.41	1.55	7.17	H
	4136	-51.65	-13	-38.65	-72.52	-56.29	1.84	8.63	H
									H
									H
									H
	1656	-55.42	-13	-42.42	-67.94	-57.15	0.98	4.86	V
	2480	-57.14	-13	-44.14	-74.77	-59.05	1.28	5.34	V
	3312	-57.54	-13	-44.54	-77.23	-61.02	1.55	7.17	V
	4136	-56.77	-13	-43.77	-77.79	-61.41	1.84	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-n5A**

EN-DC 48A-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	-63.29	-13	-50.29	-75.19	-65.05	0.98	4.89	H
	2472	-54.53	-13	-41.53	-71.74	-56.41	1.28	5.32	H
	3296	-58.39	-13	-45.39	-77.69	-61.8	1.54	7.10	H
									H
									H
									H
									H
	1648	-61.91	-13	-48.91	-74.28	-63.67	0.98	4.89	V
	2472	-51.29	-13	-38.29	-68.94	-53.17	1.28	5.32	V
	3296	-57.78	-13	-44.78	-77.41	-61.19	1.54	7.10	V
									V
									V
									V
									V
Middle	1656	-63.41	-13	-50.41	-75.46	-65.14	0.98	4.86	H
	2480	-54.84	-13	-41.84	-72.03	-56.75	1.28	5.34	H
	3312	-56.73	-13	-43.73	-76.14	-60.21	1.55	7.17	H
									H
									H
									H
									H
	1656	-62.05	-13	-49.05	-74.57	-63.78	0.98	4.86	V
	2480	-53.28	-13	-40.28	-70.91	-55.19	1.28	5.34	V
	3312	-57.70	-13	-44.70	-77.39	-61.18	1.55	7.17	V
									V
									V
									V
									V



EN-DC 48A-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)
Highest	1656	-62.19	-13	-49.19	-74.24	-63.92	0.98	4.86	H
	2488	-54.10	-13	-41.10	-71.36	-56.03	1.29	5.36	H
	3316	-56.17	-13	-43.17	-75.58	-59.66	1.55	7.19	H
									H
									H
									H
									H
	1656	-61.30	-13	-48.30	-73.82	-63.03	0.98	4.86	V
	2488	-51.78	-13	-38.78	-69.49	-53.71	1.29	5.36	V
	3316	-57.72	-13	-44.72	-77.41	-61.21	1.55	7.19	V
									V
									V
									V
									V

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



**EN-DC 48A-n66A**

EN-DC 48A-n66A / 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	-57.33	-13	-44.33	-77.34	-63.4	1.58	7.65	H
	5130	-56.91	-13	-43.91	-80.46	-64.2	2.41	9.70	H
	6846	-51.22	-13	-38.22	-78.25	-59.2	2.64	10.62	H
									H
									H
									H
									H
	3420	-57.73	-13	-44.73	-78.16	-63.8	1.58	7.65	V
	5130	-57.26	-13	-44.26	-81	-64.55	2.41	9.70	V
	6840	-55.28	-13	-42.28	-82.13	-63.25	2.64	10.61	V
									V
									V
									V
									V
Middle	3450	-57.15	-13	-44.15	-77.39	-63.34	1.59	7.78	H
	5178	-56.80	-13	-43.80	-80.9	-64.06	2.44	9.70	H
	6900	-55.35	-13	-42.35	-81.91	-63.41	2.62	10.68	H
									H
									H
									H
									H
	3450	-57.03	-13	-44.03	-77.55	-63.22	1.59	7.78	V
	5178	-57.25	-13	-44.25	-81.06	-64.51	2.44	9.70	V
	6900	-55.01	-13	-42.01	-81.58	-63.07	2.62	10.68	V
									V
									V
									V



Highest	3480	-57.23	-13	-44.23	-77.52	-63.54	1.60	7.91	H
	5220	-56.52	-13	-43.52	-80.95	-63.76	2.46	9.70	H
	6960	-55.10	-13	-42.10	-81.89	-63.25	2.60	10.75	H
									H
									H
									H
									H
	3480	-57.51	-13	-44.51	-78.16	-63.82	1.60	7.91	V
	5220	-57.08	-13	-44.08	-81.06	-64.32	2.46	9.70	V
	6960	-54.96	-13	-41.96	-81.72	-63.11	2.60	10.75	V
									V
									V
									V
									V

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





<Ant. 1 + Ant. 0>

**EN-DC 5A-n2A**

EN-DC 5A-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	3700	-58.02	-13	-45.02	-78.62	-64.59	1.67	8.24	H
	5550	-55.81	-13	-42.81	-81.29	-62.88	2.65	9.72	H
	7400	-55.01	-13	-42.01	-81.68	-64.15	2.46	11.60	H
									H
									H
									H
									H
	3744	-58.09	-13	-45.09	-78.48	-64.7	1.68	8.29	V
	5610	-56.04	-13	-43.04	-81.04	-63.1	2.69	9.74	V
	7482	-54.62	-13	-41.62	-81.53	-63.95	2.44	11.76	V
									V
									V
									V
									V
Middle	3740	-57.60	-13	-44.60	-78.25	-64.21	1.68	8.29	H
	5610	-55.77	-13	-42.77	-81.33	-62.83	2.69	9.74	H
	7480	-54.80	-13	-41.80	-81.49	-64.12	2.44	11.76	H
									H
									H
									H
									H
	3744	-57.79	-13	-44.79	-78.44	-64.4	1.68	8.29	V
	5610	-55.84	-13	-42.84	-81.12	-62.9	2.69	9.74	V
	7482	-54.12	-13	-41.12	-81.32	-63.45	2.44	11.76	V
									V
									V
									V
									V



EN-DC 5A-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)
Highest	3780	-57.64	-13	-44.64	-78.32	-64.28	1.69	8.34	H
	5670	-56.05	-13	-43.05	-81.3	-63.1	2.72	9.77	H
	7560	-54.27	-13	-41.27	-81.32	-63.7	2.41	11.84	H
									H
									H
									H
									H
	3780	-57.21	-13	-44.21	-77.92	-63.85	1.69	8.34	V
	5670	-55.75	-13	-42.75	-81.25	-62.8	2.72	9.77	V
	7560	-54.01	-13	-41.01	-81.36	-63.44	2.41	11.84	V
									V
									V
									V
									V

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



**EN-DC 5A-n66A**

EN-DC 5A-n66A / 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	-56.43	-13	-43.43	-76.68	-62.5	1.58	7.65	H
	5130	-55.81	-13	-42.81	-79.45	-63.1	2.41	9.70	H
	6846	-52.89	-13	-39.89	-79.81	-60.87	2.64	10.62	H
									H
									H
									H
									H
	3420	-57.53	-13	-44.53	-77.95	-63.6	1.58	7.65	V
	5130	-56.81	-13	-43.81	-80.73	-64.1	2.41	9.70	V
	6846	-54.52	-13	-41.52	-81.47	-62.5	2.64	10.62	V
									V
									V
									V
									V
Middle	3450	-55.91	-13	-42.91	-76.13	-62.1	1.59	7.78	H
	5178	-56.04	-13	-43.04	-79.98	-63.3	2.44	9.70	H
	6900	-55.19	-13	-42.19	-81.78	-63.25	2.62	10.68	H
									H
									H
									H
									H
	3450	-56.56	-13	-43.56	-77.24	-62.75	1.59	7.78	V
	5178	-55.60	-13	-42.60	-79.47	-62.86	2.44	9.70	V
	6900	-55.14	-13	-42.14	-81.95	-63.2	2.62	10.68	V
									V
									V
									V



Highest	3480	-55.90	-13	-42.90	-76.42	-62.21	1.60	7.91	H
	5220	-55.91	-13	-42.91	-79.97	-63.15	2.46	9.70	H
	6960	-55.45	-13	-42.45	-82.09	-63.6	2.60	10.75	H
									H
									H
									H
									H
	3480	-56.99	-13	-43.99	-77.43	-63.3	1.60	7.91	V
	5220	-56.66	-13	-43.66	-80.64	-63.9	2.46	9.70	V
	6960	-55.37	-13	-42.37	-81.79	-63.52	2.60	10.75	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 13A-n2A**

EN-DC 13A-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)
Middle	3744	-57.59	-13	-44.59	-78.1	-64.2	1.68	8.29	H
	5610	-48.24	-13	-35.24	-73.72	-55.3	2.69	9.74	H
	7480	-54.78	-13	-41.78	-81.27	-64.1	2.44	11.76	H
									H
									H
									H
									H
	3744	-52.99	-13	-39.99	-73.63	-59.6	1.68	8.29	V
	5610	-46.24	-13	-33.24	-71.27	-53.3	2.69	9.74	V
	7480	-54.08	-13	-41.08	-81.39	-63.4	2.44	11.76	V
									V
									V
									V
									V

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



**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)
Middle	3744	-55.89	-13	-42.89	-76.56	-62.5	1.68	8.29	H
	5610	-53.04	-13	-40.04	-78.4	-60.1	2.69	9.74	H
	7480	-54.78	-13	-41.78	-81.4	-64.1	2.44	11.76	H
									H
									H
									H
									H
	3744	-51.49	-13	-38.49	-71.97	-58.1	1.68	8.29	V
	5610	-49.78	-13	-36.78	-74.58	-56.84	2.69	9.74	V
	7480	-54.23	-13	-41.23	-81.49	-63.55	2.44	11.76	V
									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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-49.93	-13	-36.93	-70.15	-56.12	1.59	7.78	H
	5178	-47.97	-13	-34.97	-72.05	-55.23	2.44	9.70	H
	6900	-55.22	-13	-42.22	-81.77	-63.28	2.62	10.68	H
									H
									H
									H
									H
	3450	-51.45	-13	-38.45	-71.93	-57.64	1.59	7.78	V
	5178	-48.12	-13	-35.12	-75.95	-55.38	2.44	9.70	V
	6900	-55.14	-13	-42.14	-81.89	-63.2	2.62	10.68	V
									V
									V
									V
									V

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



**EN-DC 13A-n66A**

EN-DC 13A-n66A / 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)
Middle	3450	-52.03	-13	-39.03	-72.41	-58.22	1.59	7.78	H
	5178	-47.80	-13	-34.80	-71.63	-55.06	2.44	9.70	H
	6900	-55.24	-13	-42.24	-81.65	-63.3	2.62	10.68	H
									H
									H
									H
									H
	3450	-51.01	-13	-38.01	-71.48	-57.2	1.59	7.78	V
	5178	-46.89	-13	-33.89	-70.83	-54.15	2.44	9.70	V
	6900	-55.34	-13	-42.34	-81.9	-63.4	2.62	10.68	V
									V
									V
									V
									V

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





**EN-DC 2A-n66A**

EN-DC 2A-n66A / 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	-49.75	-13	-36.75	-69.88	-55.82	1.58	7.65	H
	5130	-50.81	-13	-37.81	-74.72	-58.1	2.41	9.70	H
	6840	-51.43	-13	-38.43	-81.74	-59.4	2.64	10.61	H
	8556	-51.66	-13	-38.66	-80.49	-61.8	2.39	12.52	H
									H
									H
									H
	3420	-50.26	-13	-37.26	-70.82	-56.33	1.58	7.65	V
	5130	-55.12	-13	-42.12	-78.38	-62.41	2.41	9.70	V
	6840	-55.05	-13	-42.05	-81.86	-63.02	2.64	10.61	V
	8556	-50.85	-13	-37.85	-79.94	-60.99	2.39	12.52	V
									V
									V
									V
Middle	3450	-51.93	-13	-38.93	-72.22	-58.12	1.59	7.78	H
	5178	-53.97	-13	-40.97	-77.63	-61.23	2.44	9.70	H
	6900	-55.54	-13	-42.54	-82.05	-63.6	2.62	10.68	H
									H
									H
									H
									H
	3450	-52.91	-13	-39.91	-73.27	-59.1	1.59	7.78	V
	5178	-55.14	-13	-42.14	-78.89	-62.4	2.44	9.70	V
	6900	-55.50	-13	-42.50	-82.15	-63.56	2.62	10.68	V
									V
									V
									V
									V



Highest	3480	-48.97	-13	-35.97	-69.7	-55.28	1.60	7.91	H
	5220	-51.53	-13	-38.53	-75.333	-58.77	2.46	9.70	H
	6960	-55.25	-13	-42.25	-81.94	-63.4	2.60	10.75	H
									H
									H
									H
									H
	3480	-49.25	-13	-36.25	-69.73	-55.56	1.60	7.91	V
	5220	-44.96	-13	-31.96	-68.85	-52.2	2.46	9.70	V
	6960	-55.55	-13	-42.55	-82.02	-63.7	2.60	10.75	V
									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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3450	-51.76	-13	-38.76	-71.99	-57.95	1.59	7.78	H
	5178	-50.51	-13	-37.51	-74.29	-57.77	2.44	9.70	H
	6900	-55.34	-13	-42.34	-81.98	-63.4	2.62	10.68	H
									H
									H
									H
									H
	3450	-51.63	-13	-38.63	-72.43	-57.82	1.59	7.78	V
	5178	-54.10	-13	-41.10	-77.77	-61.36	2.44	9.70	V
	6900	-55.19	-13	-42.19	-81.74	-63.25	2.62	10.68	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 )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-64.54	-13	-51.54	-74.44	-65.79	0.84	4.23	H
	1989	-60.60	-13	-47.60	-75.49	-61.25	1.13	3.93	H
	2652	-59.83	-13	-46.83	-77.18	-61.86	1.34	5.52	H
									H
									H
									H
									H
	1328	-63.96	-13	-50.96	-74.27	-65.21	0.84	4.23	V
	1989	-60.08	-13	-47.08	-75.29	-60.73	1.13	3.93	V
	2652	-59.17	-13	-46.17	-77.13	-61.2	1.34	5.52	V
									V
									V
									V
									V
Middle	1342	-64.25	-13	-51.25	-74.19	-65.58	0.84	4.32	H
	2013	-60.67	-13	-47.67	-75.76	-61.32	1.14	3.94	H
	2684	-59.37	-13	-46.37	-76.79	-61.42	1.35	5.55	H
									H
									H
									H
									H
	1342	-63.83	-13	-50.83	-74.19	-65.16	0.84	4.32	V
	2013	-60.50	-13	-47.50	-75.91	-61.15	1.14	3.94	V
	2684	-59.01	-13	-46.01	-77.08	-61.06	1.35	5.55	V
									V
									V
									V
									V



Highest	1352	-64.23	-13	-51.23	-74.25	-65.62	0.85	4.38	H
	2034	-60.21	-13	-47.21	-75.37	-60.92	1.14	4.00	H
	2712	-59.39	-13	-46.39	-76.88	-61.45	1.36	5.57	H
									H
									H
									H
									H
	1352	-63.94	-13	-50.94	-74.4	-65.33	0.85	4.38	V
	2034	-59.77	-13	-46.77	-75.25	-60.48	1.14	4.00	V
	2712	-58.79	-13	-45.79	-76.97	-60.85	1.36	5.57	V
									V
									V
									V
									V

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



**EN-DC 7A-n71A**

EN-DC 7A-n71A / 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)
Middle	1342	-64.40	-13	-51.40	-74.34	-65.73	0.84	4.32	H
	2013	-60.36	-13	-47.36	-75.45	-61.01	1.14	3.94	H
	2684	-59.46	-13	-46.46	-76.88	-61.51	1.35	5.55	H
									H
									H
									H
									H
	1342	-63.34	-13	-50.34	-73.7	-64.67	0.84	4.32	V
	2013	-60.47	-13	-47.47	-75.88	-61.12	1.14	3.94	V
	2684	-58.36	-13	-45.36	-76.43	-60.41	1.35	5.55	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 )	EIRP ( dBm )	Limit ( dBm )	Margin ( dB )	SPA Reading (dBm)	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1342	-63.97	-13	-50.97	-73.91	-65.3	0.84	4.32	H
	2013	-61.02	-13	-48.02	-76.11	-61.67	1.14	3.94	H
	2684	-59.52	-13	-46.52	-76.94	-61.57	1.35	5.55	H
									H
									H
									H
									H
	1342	-63.71	-13	-50.71	-74.07	-65.04	0.84	4.32	V
	2013	-59.83	-13	-46.83	-75.24	-60.48	1.14	3.94	V
	2684	-58.74	-13	-45.74	-76.81	-60.79	1.35	5.55	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, n12, n38, n70, n71, EN-DC 2A-n71A, 7A-n71A,  
66A-n71A, 2A-n66A, 7A-n66A, 12A-n66A, 13A-n66A, 5A-n2A

LF



HF

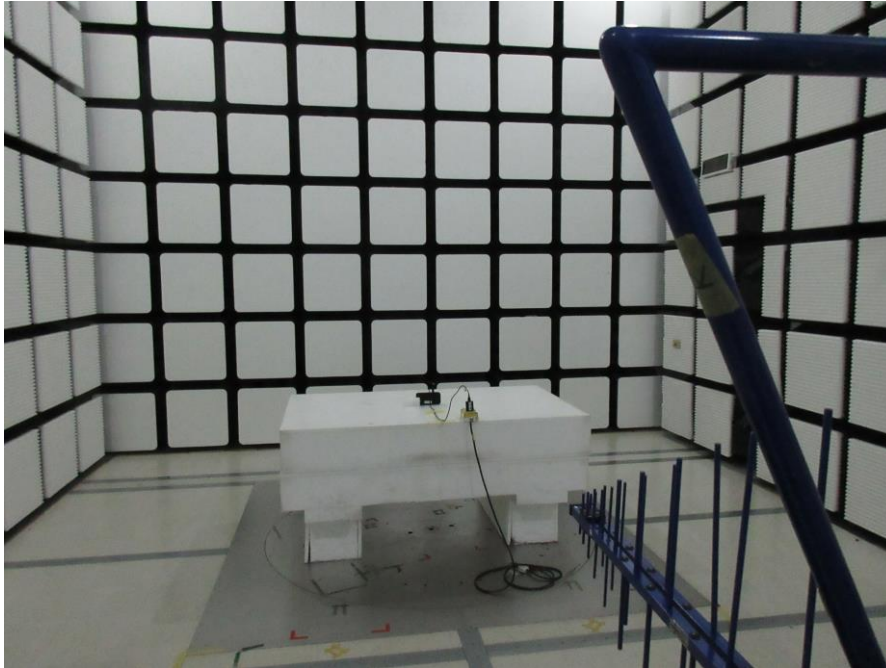




**SHF**

**Y Plane for 5G NR n13, n66, EN-DC 2A-n5A, 66A-n5A, 48A-n5A**

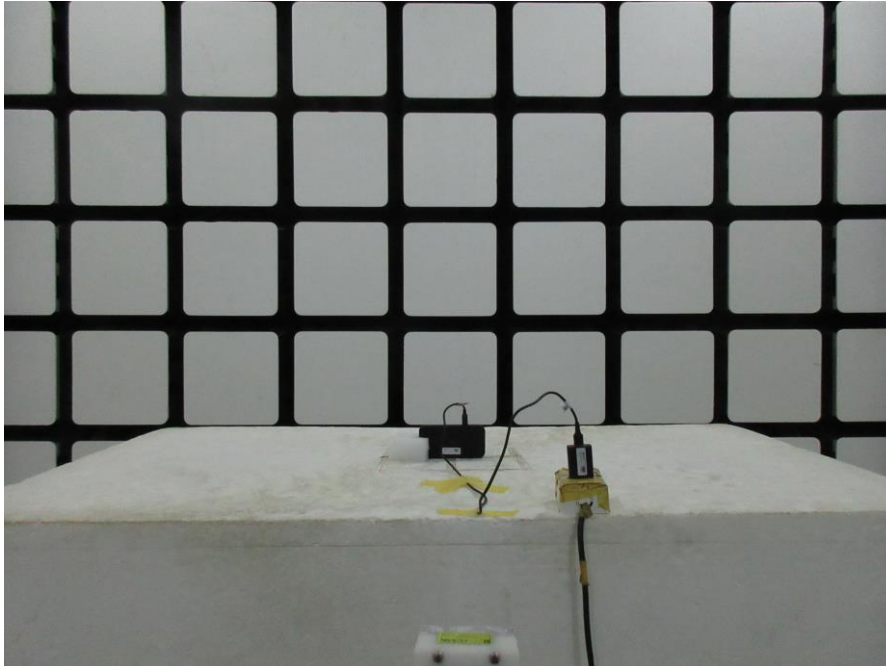
**LF**



**HF**



SHF



Z Plane for 5G NR n25, n26, n41, n41 (MIMO), EN-DC 5A-n66A,  
48A-n66A, 13A-n2A, 66A-n2A

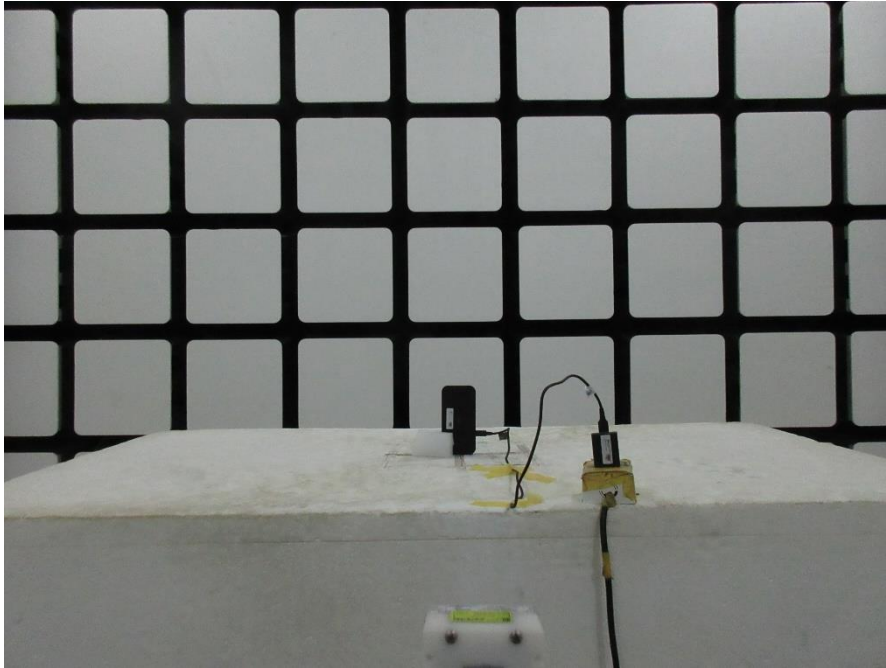
LF



HF



SHF



—————THE END—————