

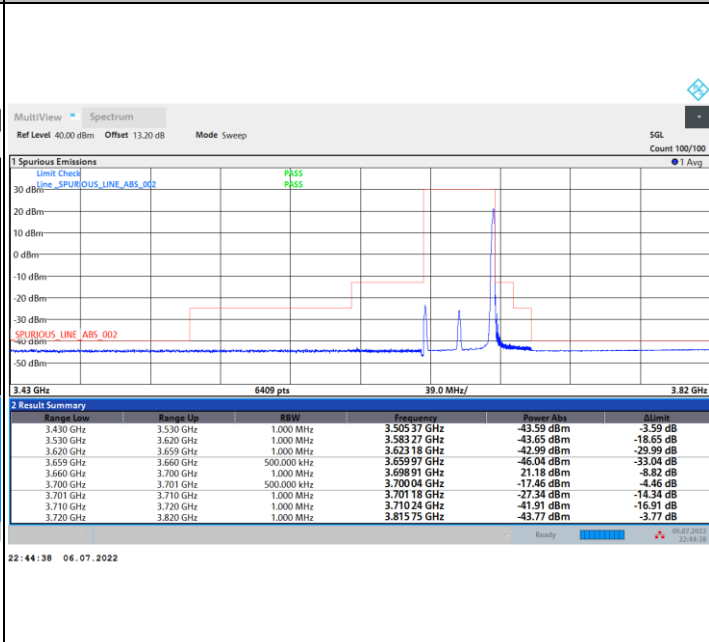
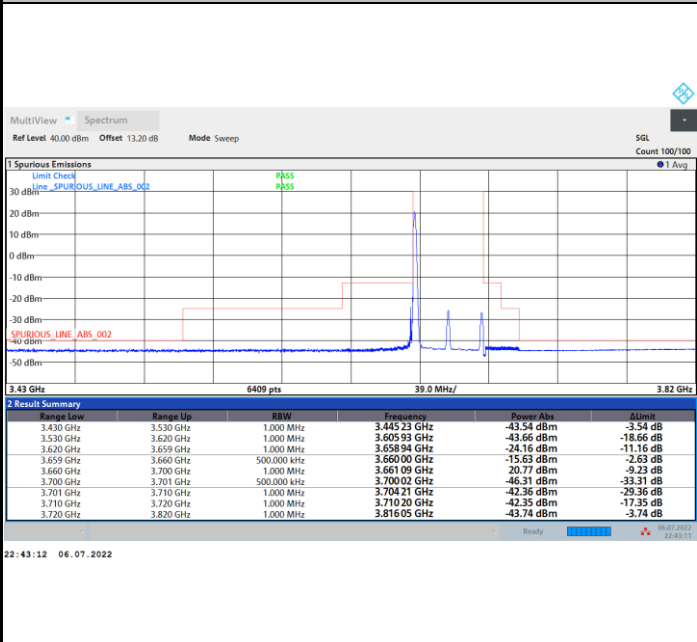


FR1 n48 / 40MHz / CP OFDM / 16QAM

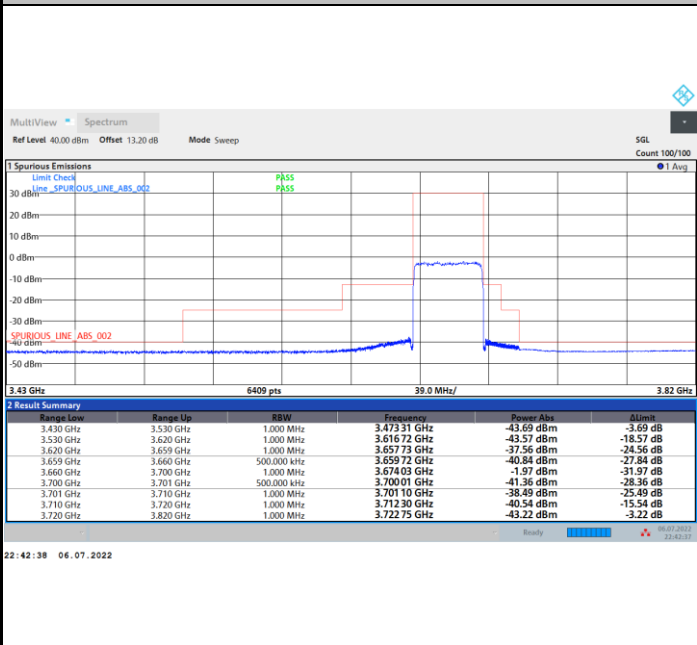
Highest Channel

1RB0

1RBmax



Full RB



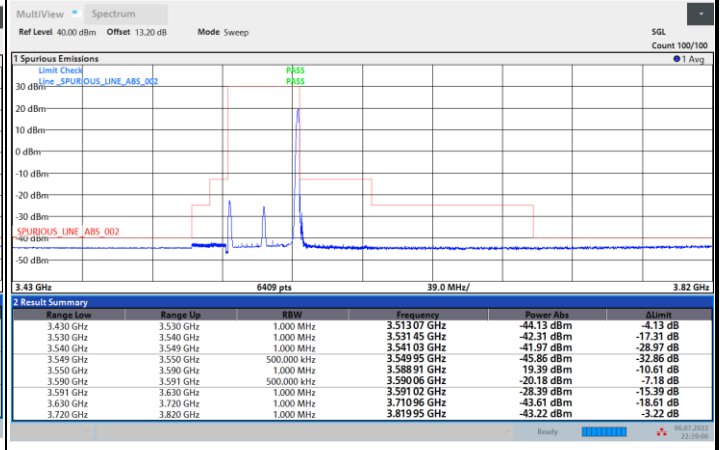
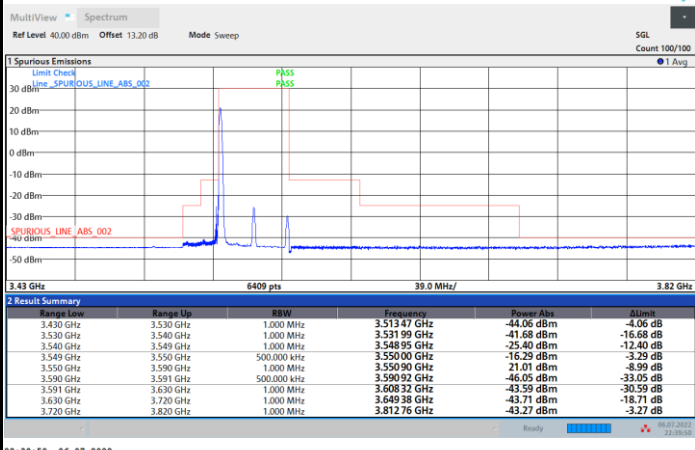


FR1 n48 / 40MHz / CP OFDM / 64QAM

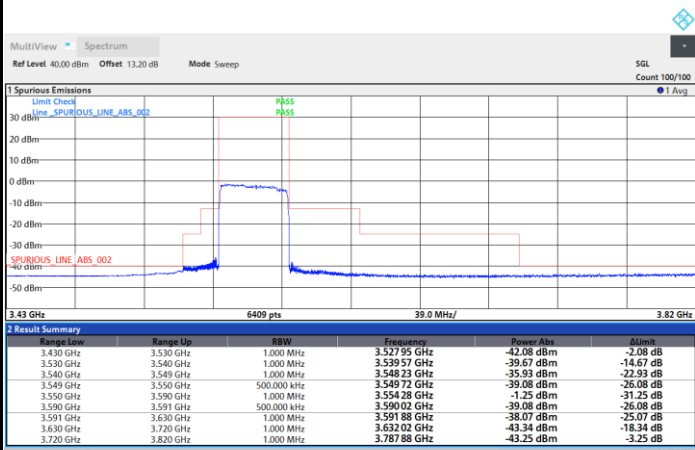
Lowest Channel

1RB0

1RBmax



Full RB



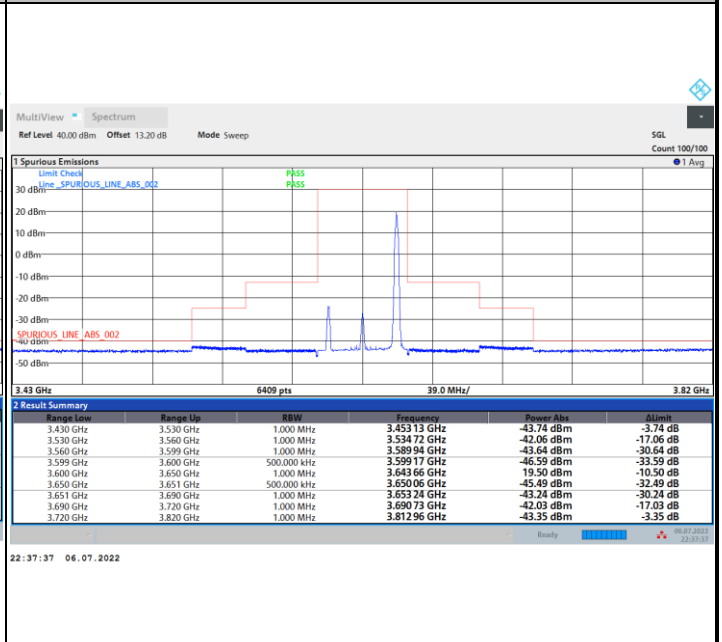
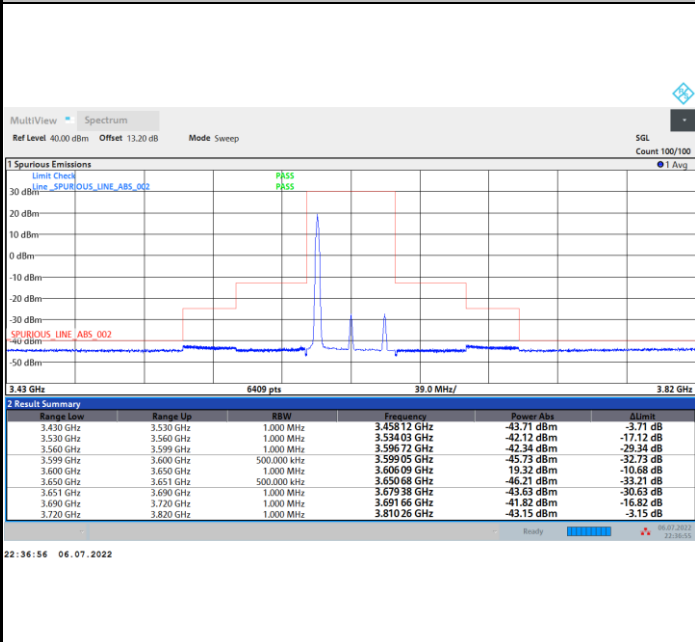


FR1 n48 / 40MHz / CP OFDM / 64QAM

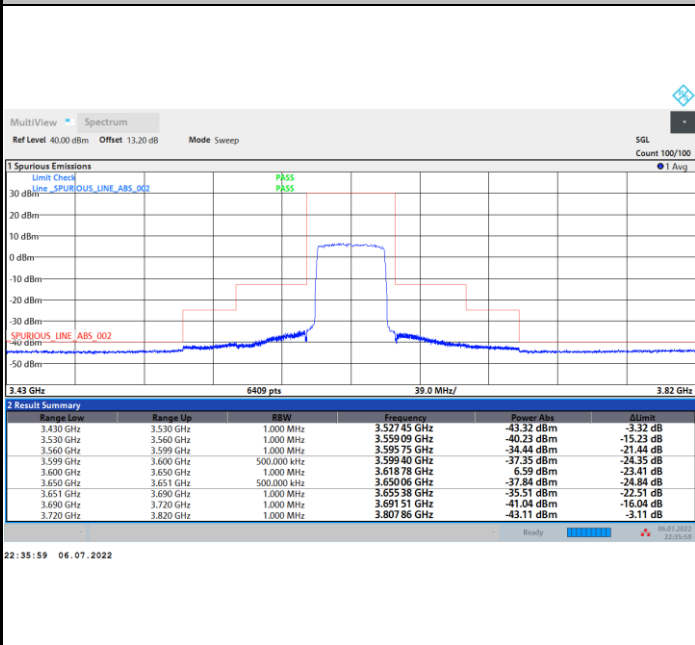
Middle Channel

1RB0

1RBmax



Full RB



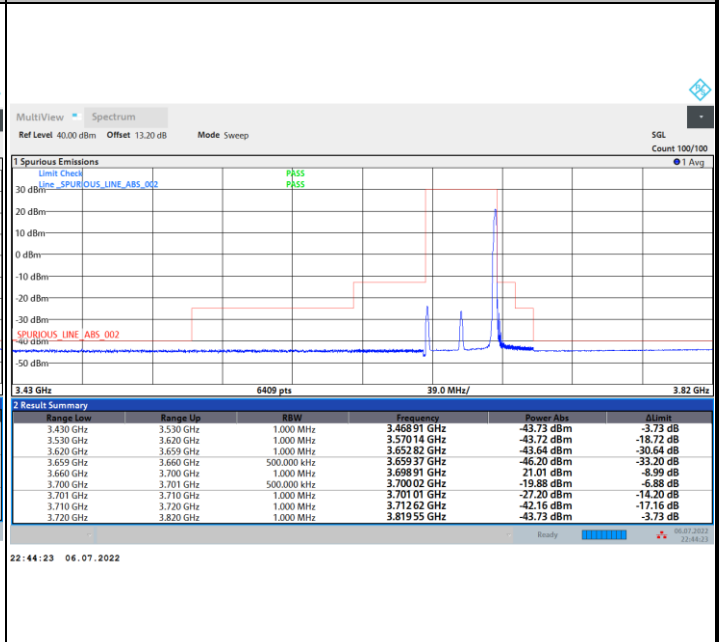
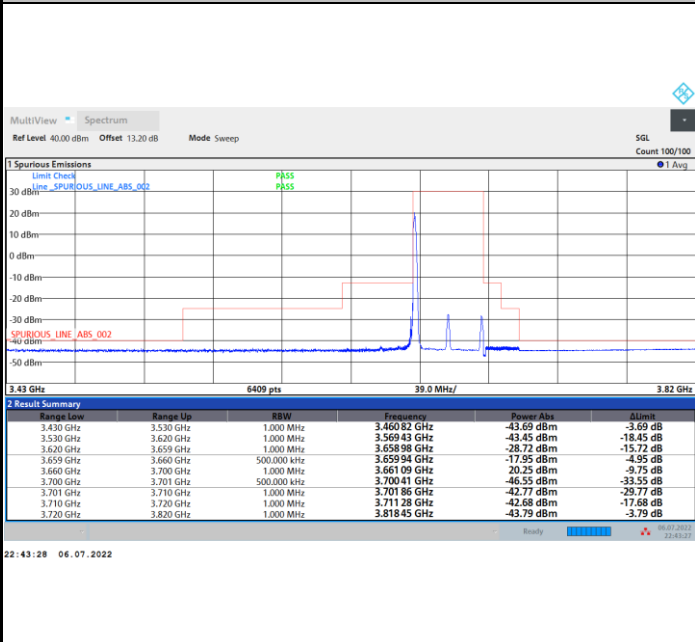


FR1 n48 / 40MHz / CP OFDM / 64QAM

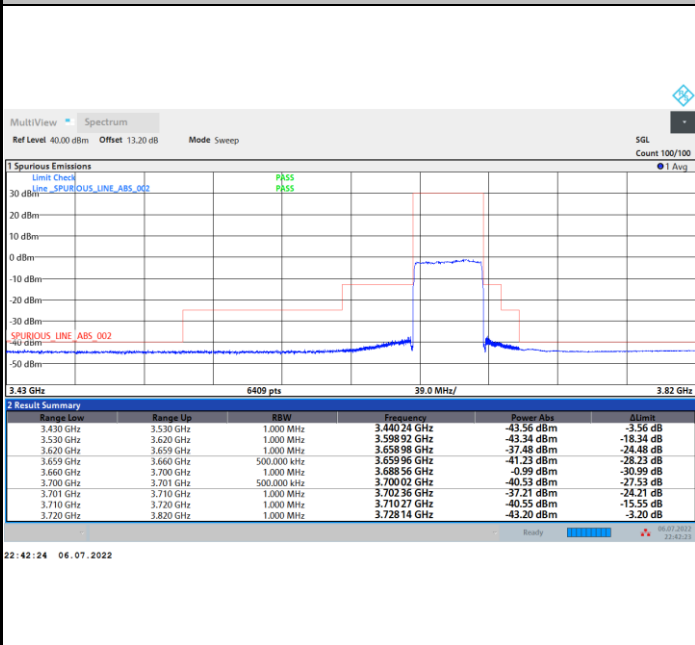
Highest Channel

1RB0

1RBmax



Full RB



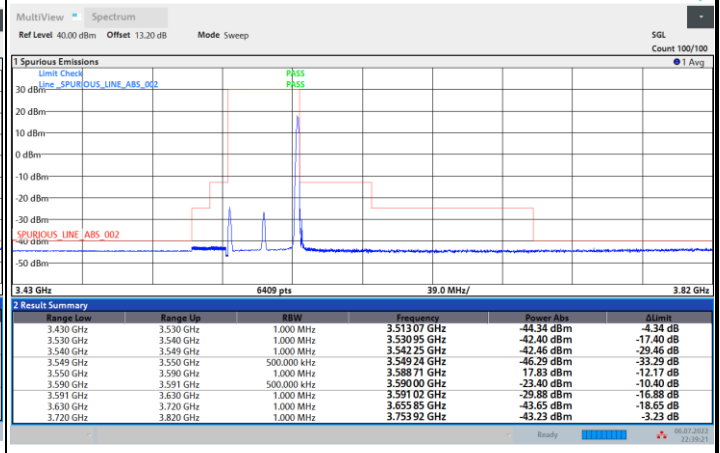
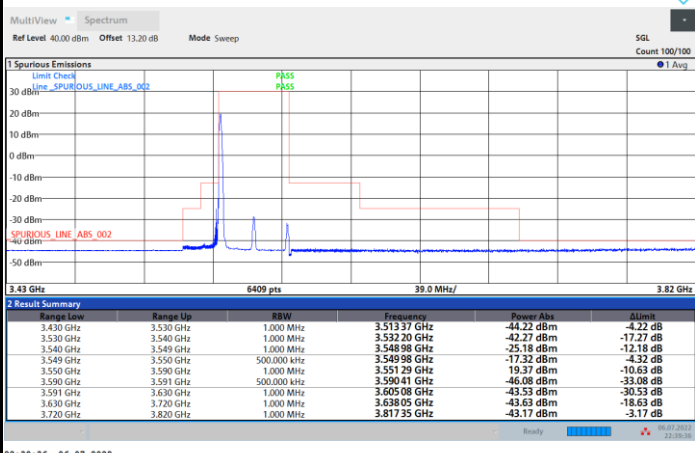


FR1 n48 / 40MHz / CP OFDM / 256QAM

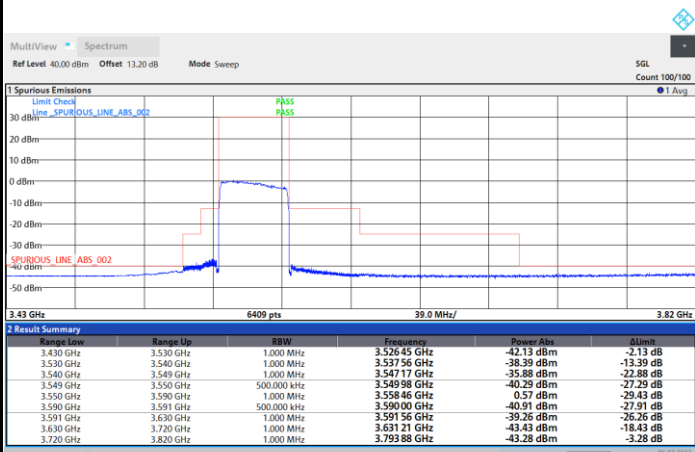
Lowest Channel

1RB0

1RBmax



Full RB



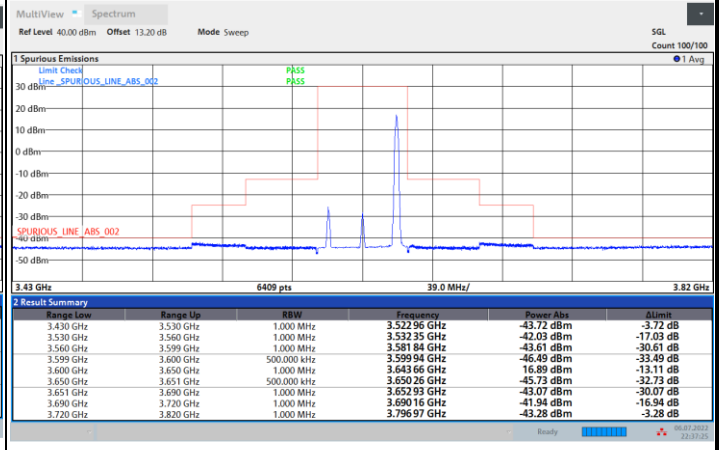
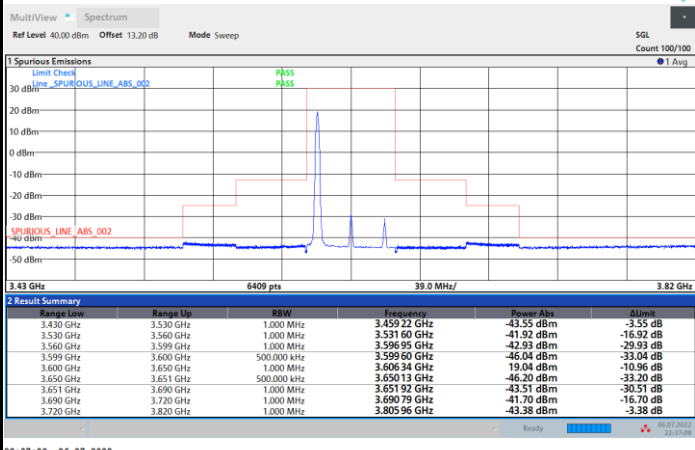


FR1 n48 / 40MHz / CP OFDM / 256QAM

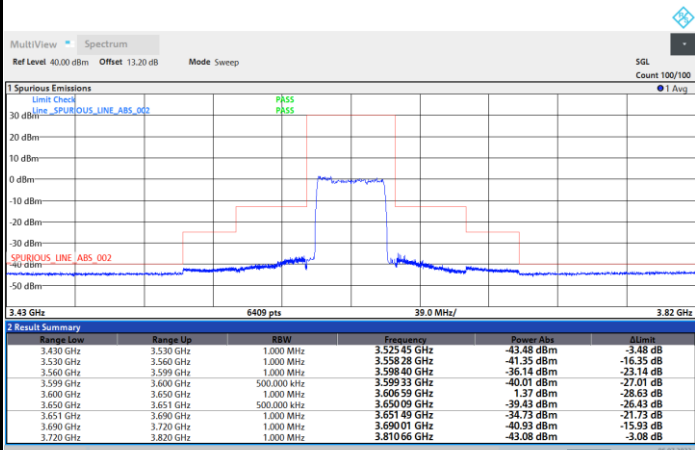
Middle Channel

1RB0

1RBmax



Full RB



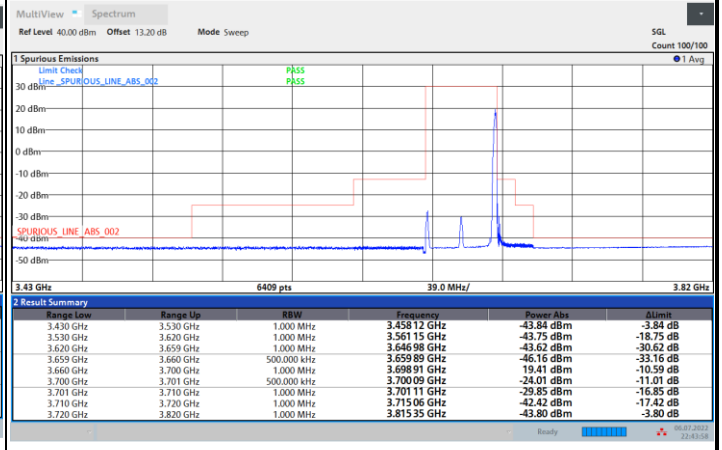
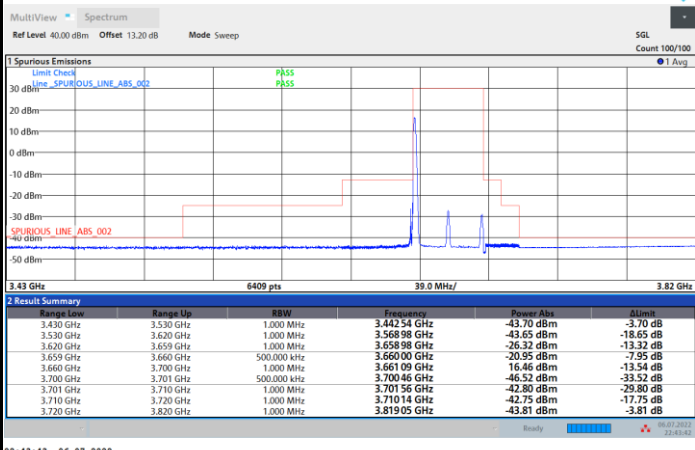


FR1 n48 / 40MHz / CP OFDM / 256QAM

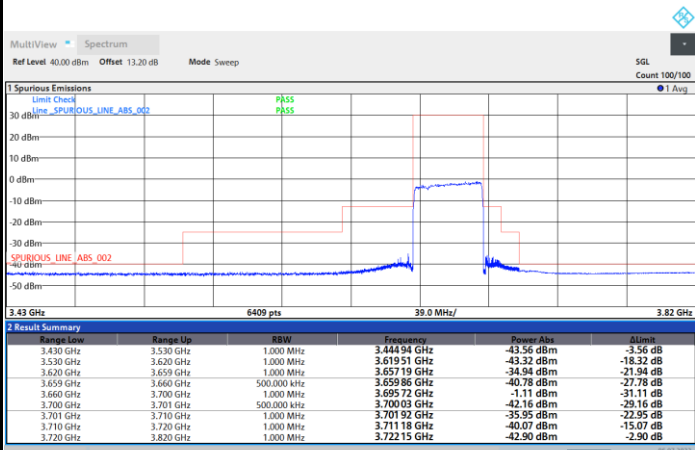
Highest Channel

1RB0

1RBmax



Full RB





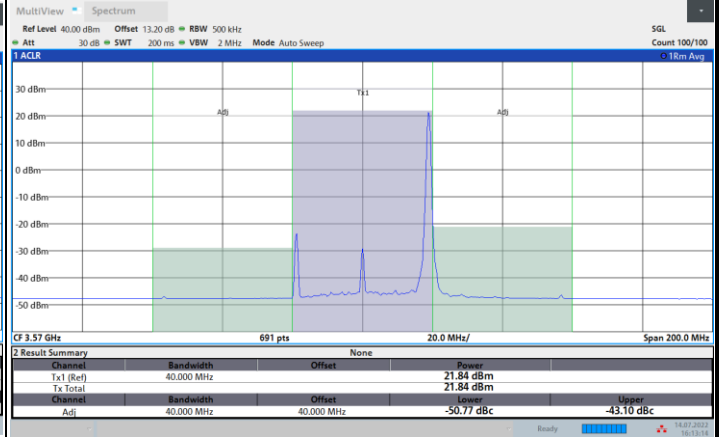
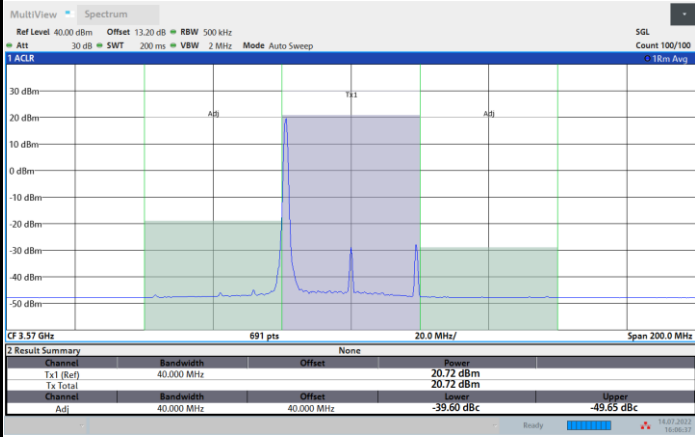
# Adjacent Channel Leakage Ratio (ACLR)

FR1 n48 / 40MHz / CP OFDM / QPSK

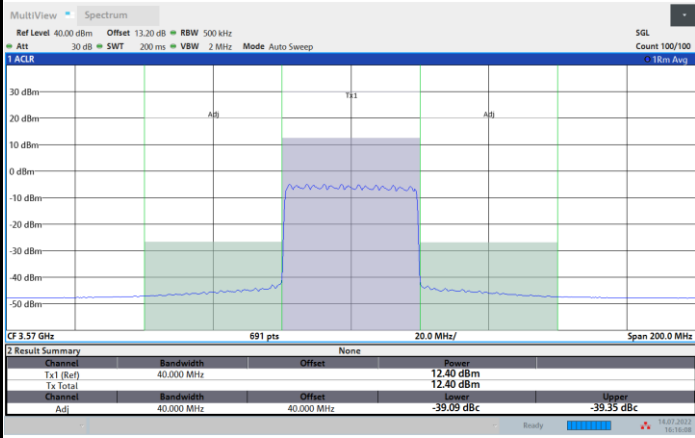
Lowest Channel

1RB0

1RBmax



Full RB





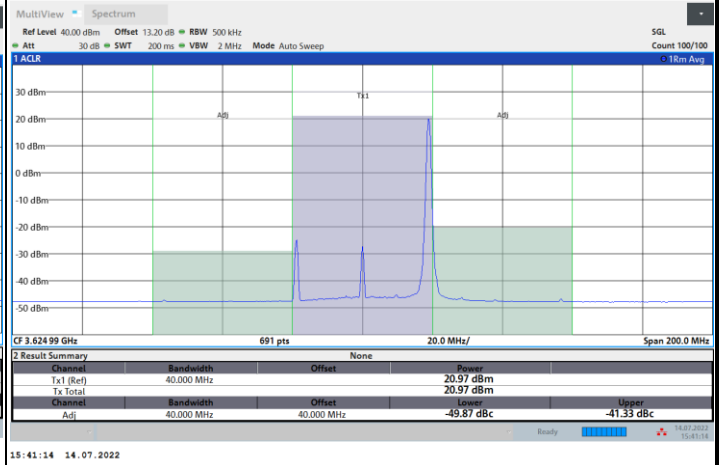
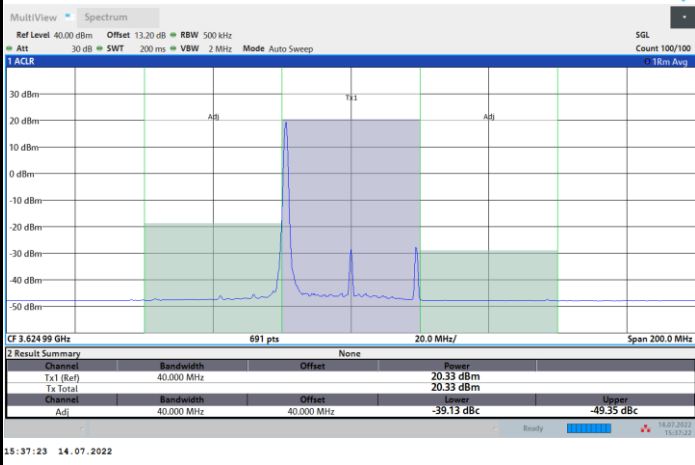


FR1 n48 / 40MHz / CP OFDM / QPSK

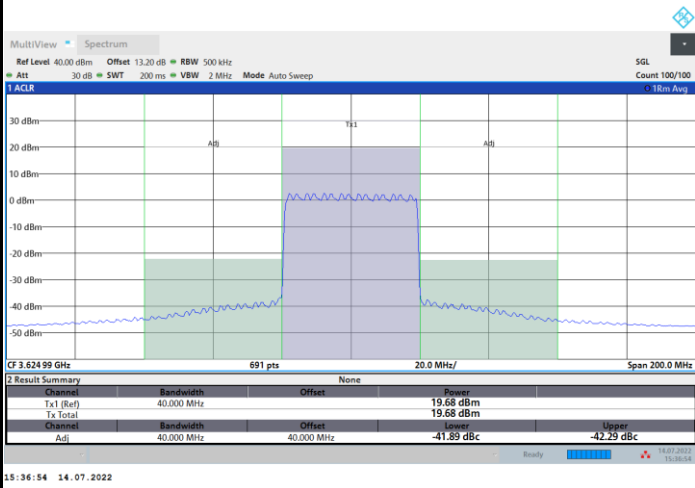
Middle Channel

1RB0

1RBmax



Full RB



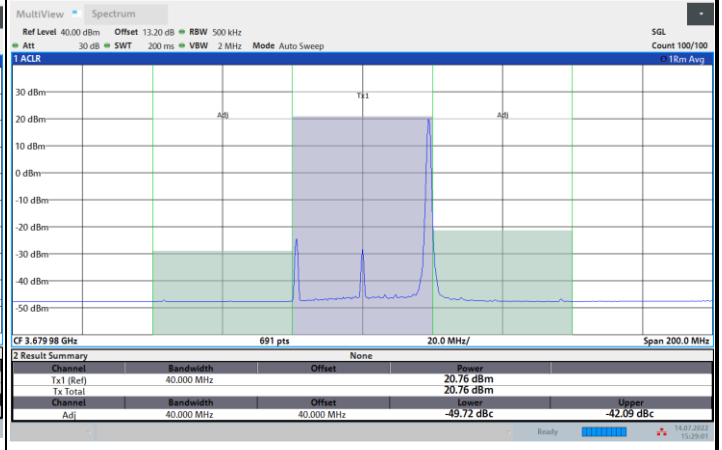
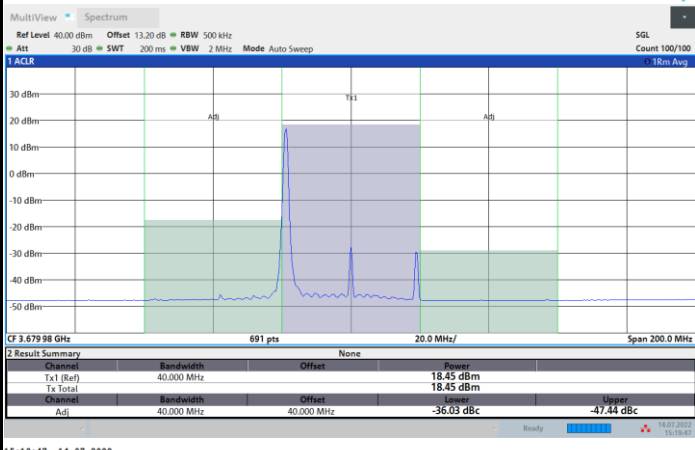


FR1 n48 / 40MHz / CP OFDM / QPSK

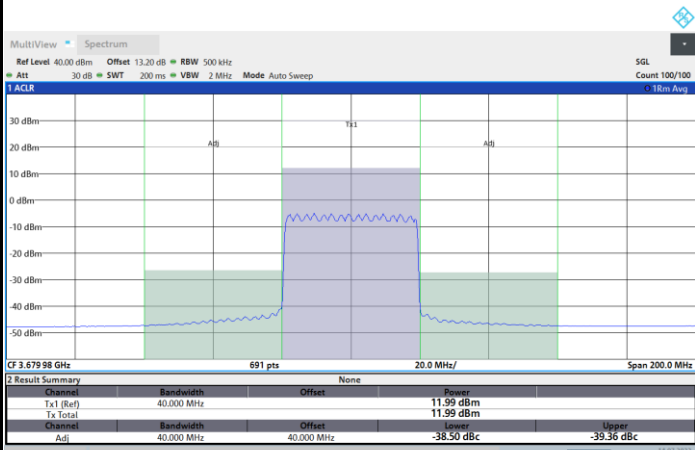
Highest Channel

1RB0

1RBmax



Full RB



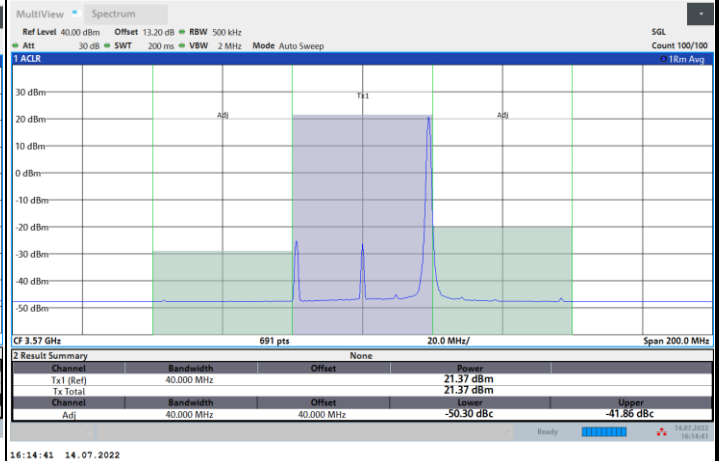
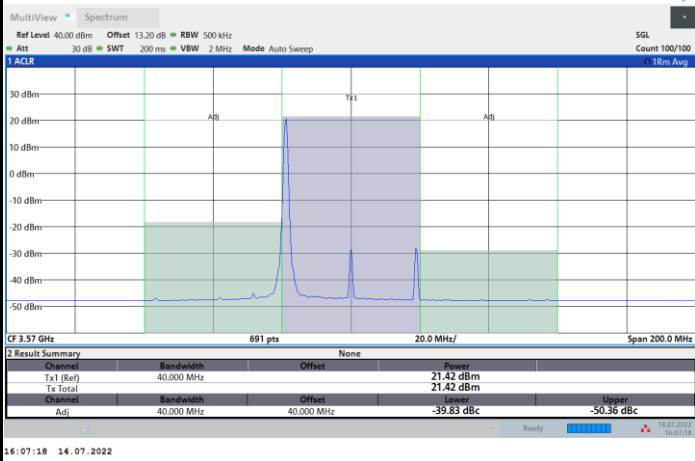


FR1 n48 / 40MHz / CP OFDM / 16QAM

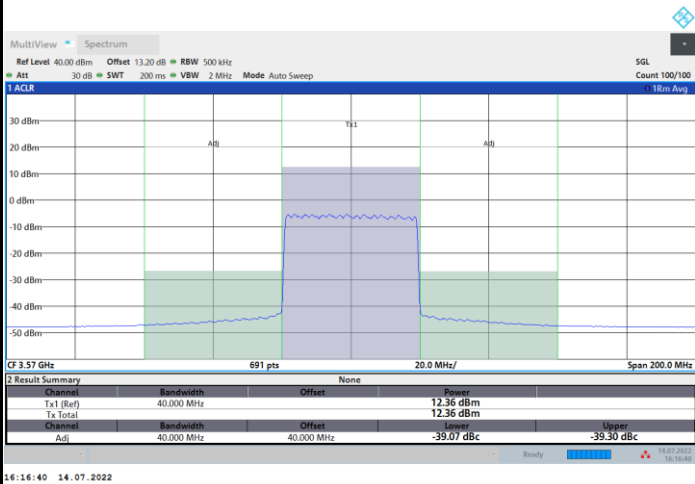
Lowest Channel

1RB0

1RBmax



Full RB



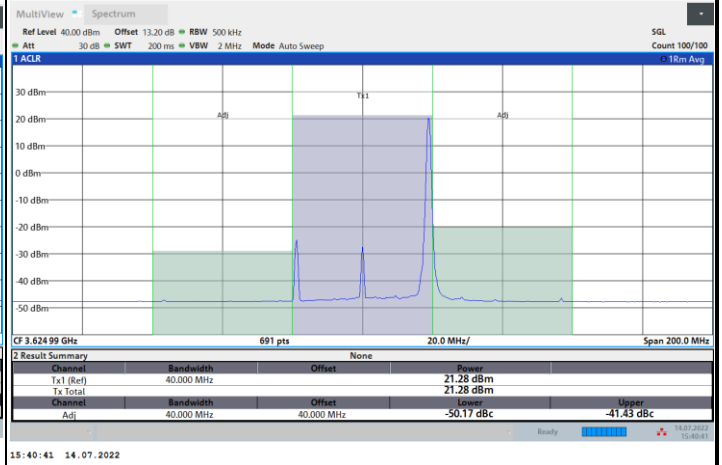
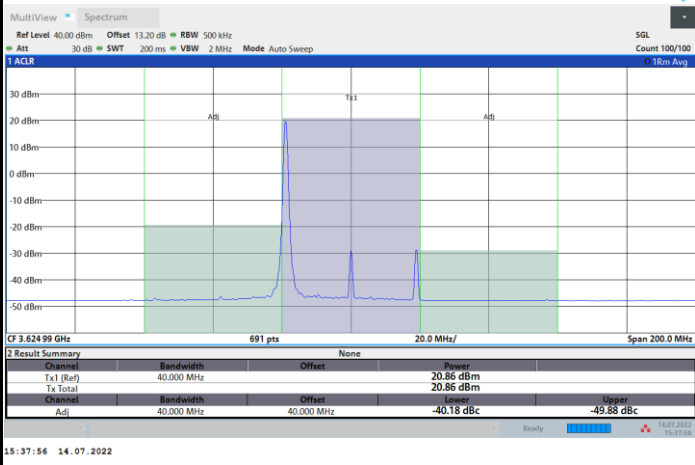


FR1 n48 / 40MHz / CP OFDM / 16QAM

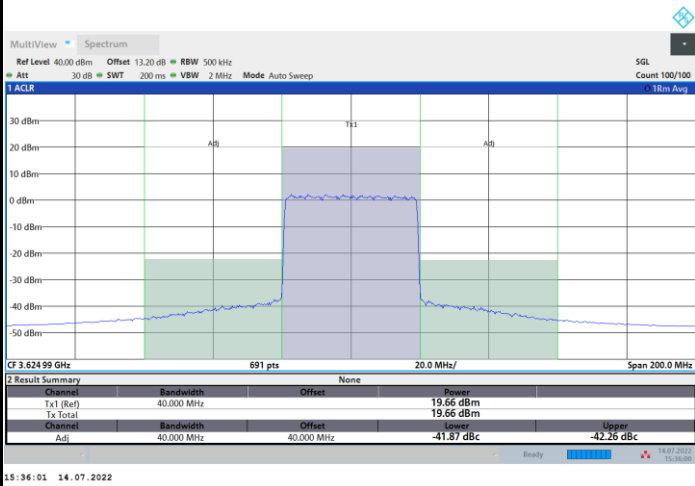
Middle Channel

1RB0

1RBmax



Full RB



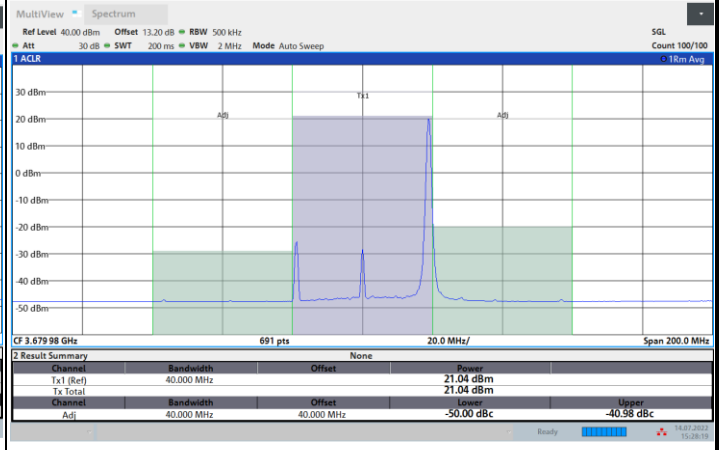


FR1 n48 / 40MHz / CP OFDM / 16QAM

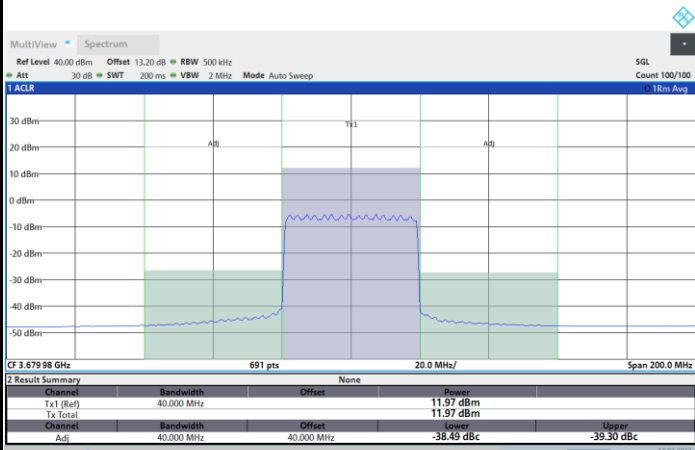
Highest Channel

1RB0

1RBmax



Full RB



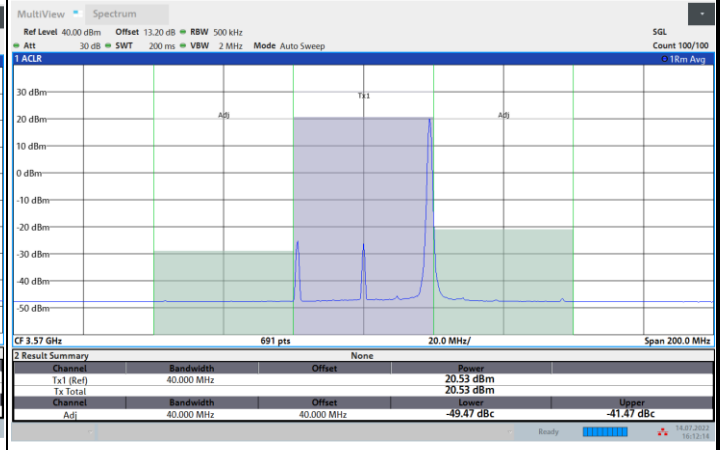
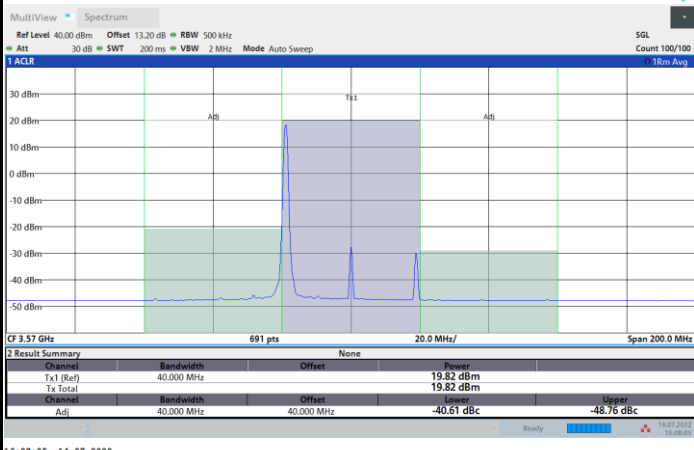


FR1 n48 / 40MHz / CP OFDM / 64QAM

Lowest Channel

1RB0

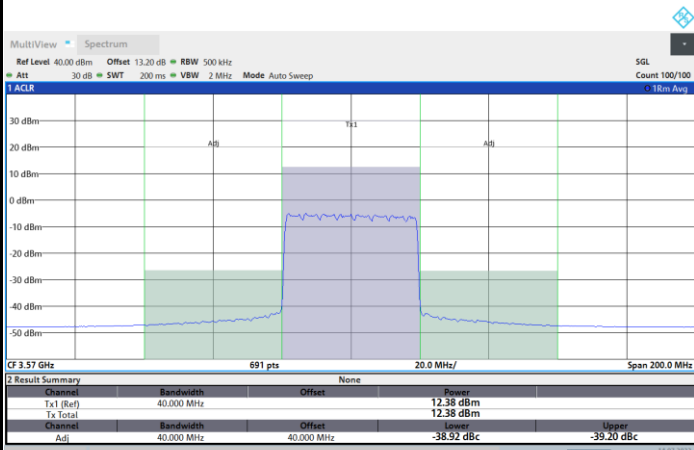
1RBmax



16:08:05 14.07.2022

16:12:15 14.07.2022

Full RB



16:17:23 14.07.2022

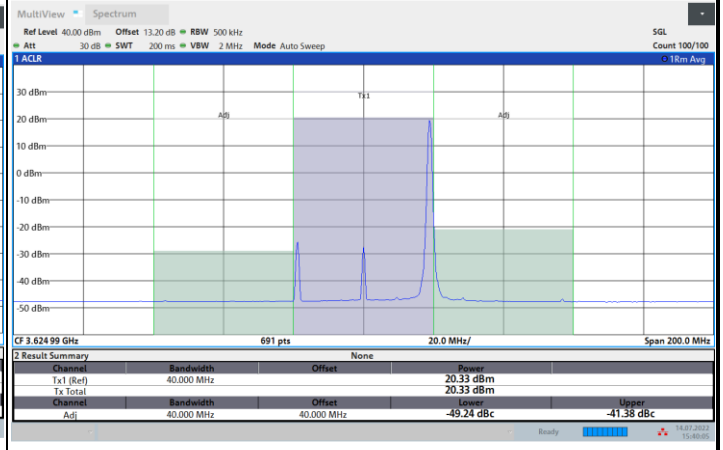
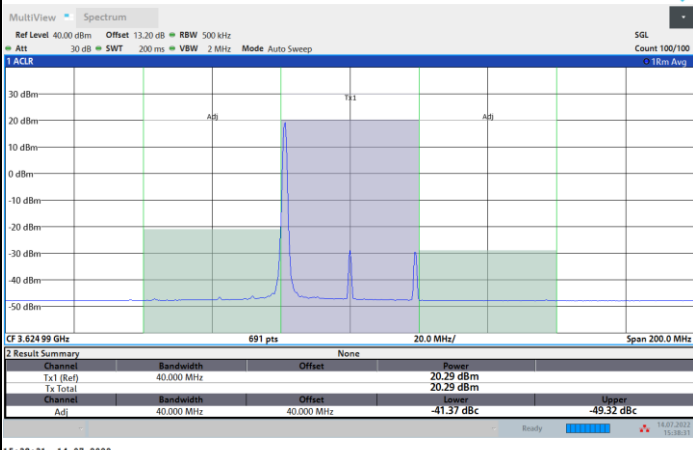


FR1 n48 / 40MHz / CP OFDM / 64QAM

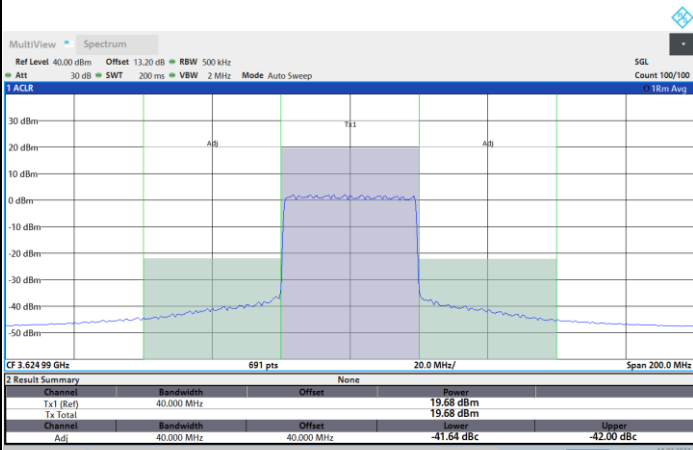
Middle Channel

1RB0

1RBmax



Full RB



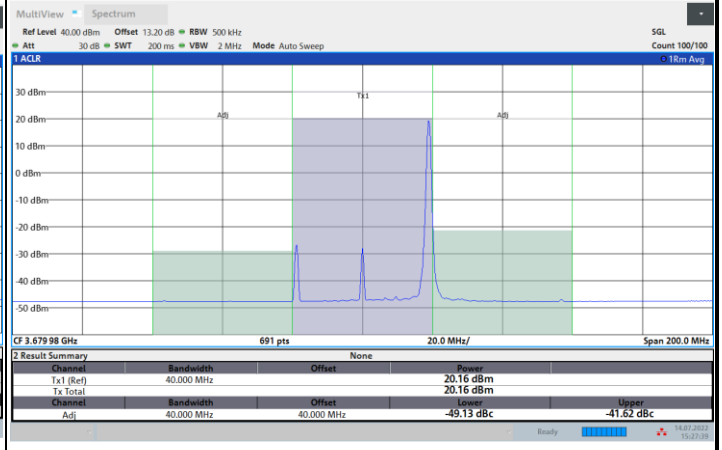
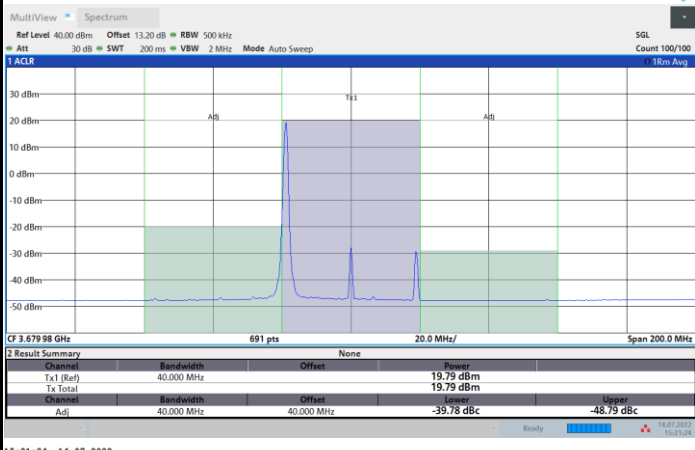


FR1 n48 / 40MHz / CP OFDM / 64QAM

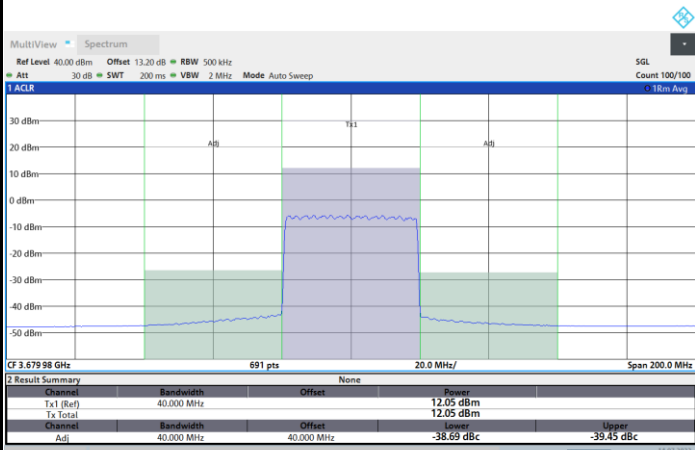
Highest Channel

1RB0

1RBmax



Full RB





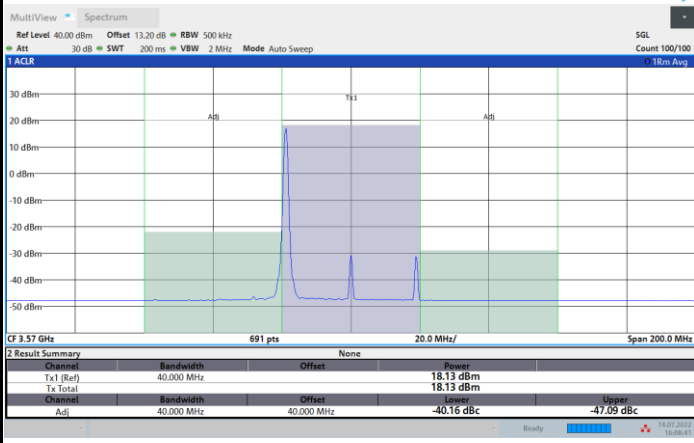


FR1 n48 / 40MHz / CP OFDM / 256QAM

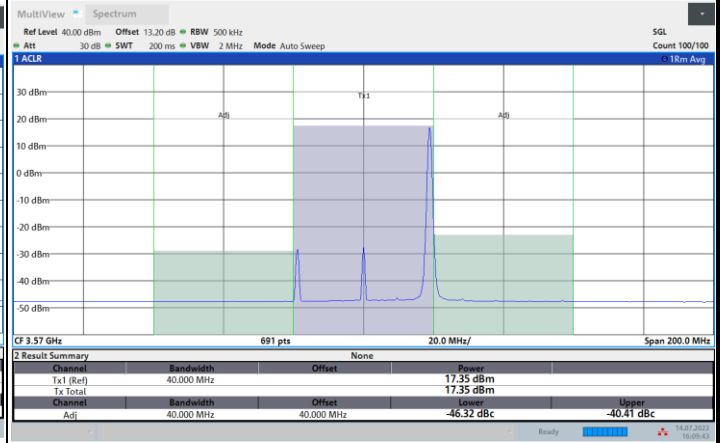
Lowest Channel

1RB0

1RBmax

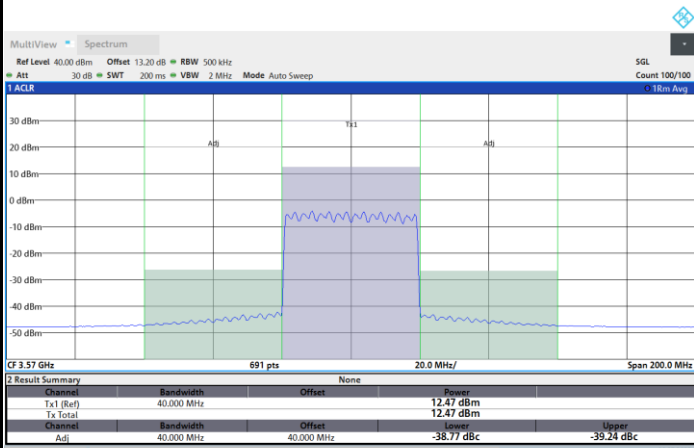


16:08:42 14.07.2022



16:09:43 14.07.2022

Full RB



16:18:11 14.07.2022

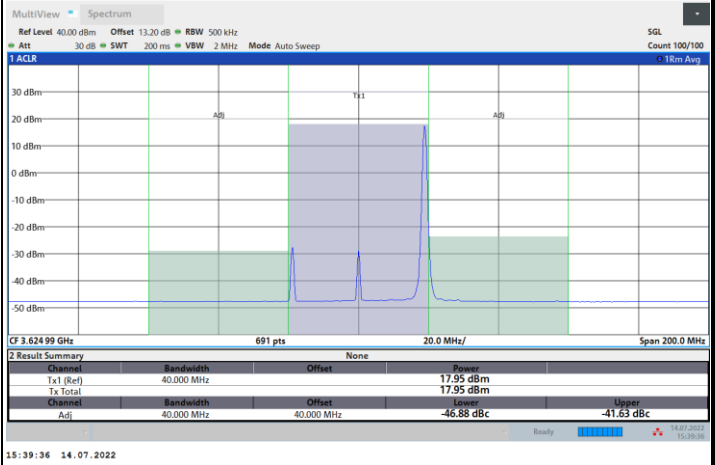
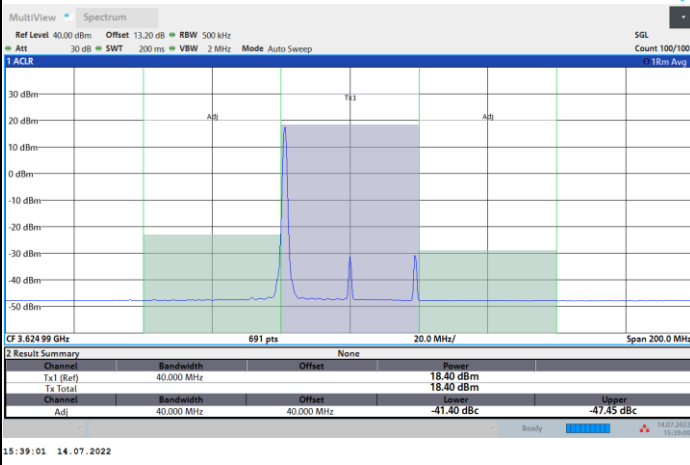


FR1 n48 / 40MHz / CP OFDM / 256QAM

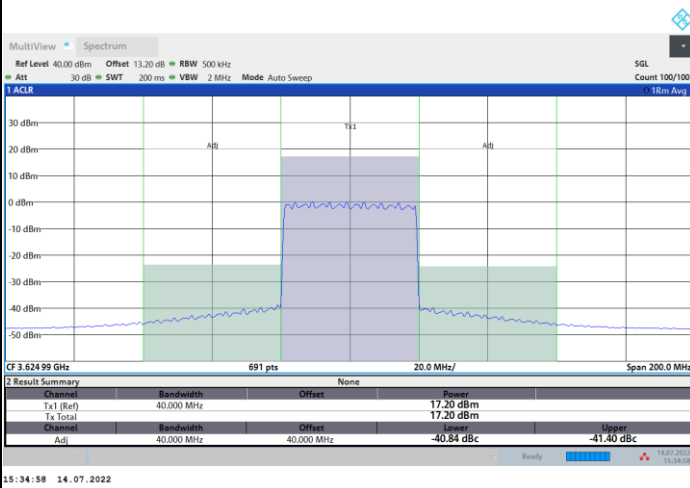
Middle Channel

1RB0

1RBmax



Full RB



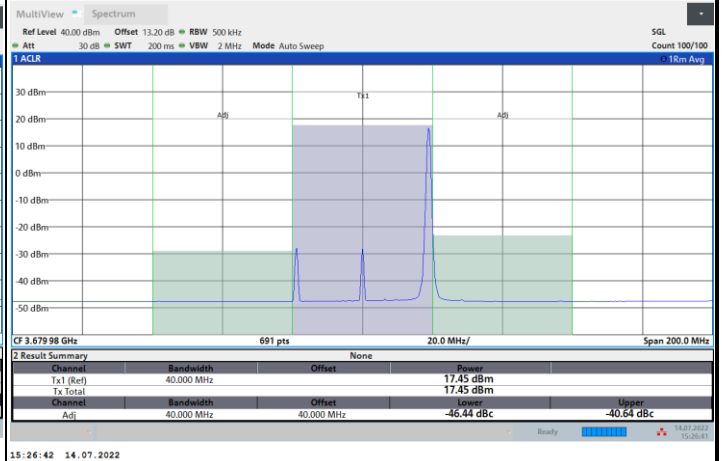
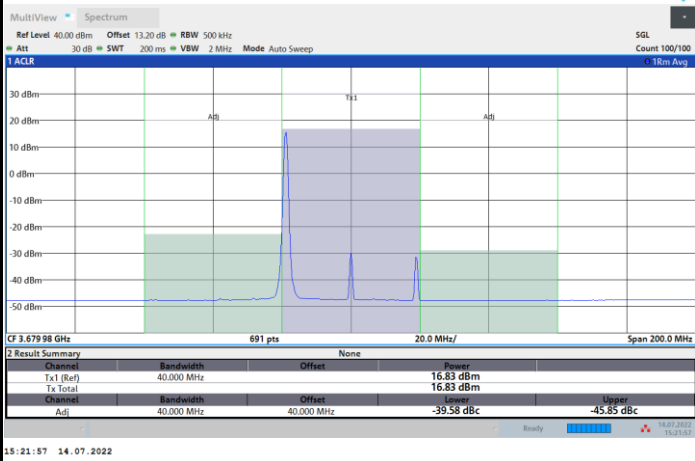


FR1 n48 / 40MHz / CP OFDM / 256QAM

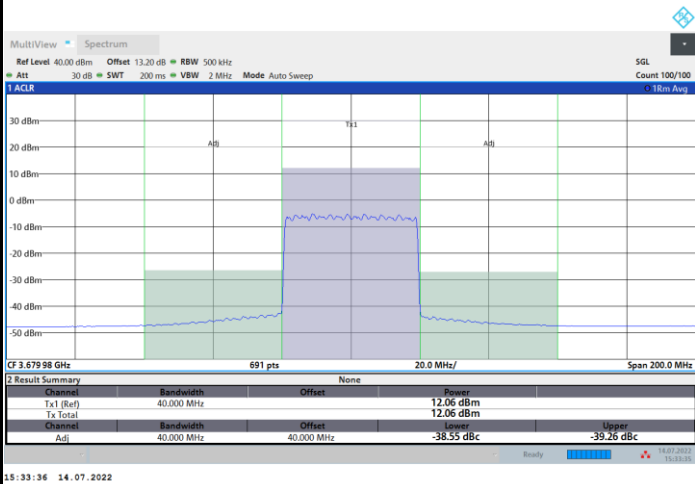
Highest Channel

1RB0

1RBmax



Full RB

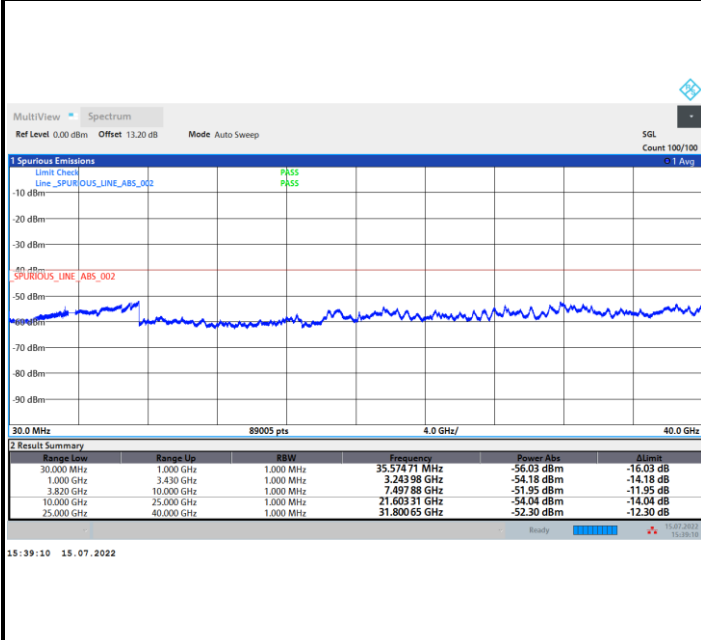




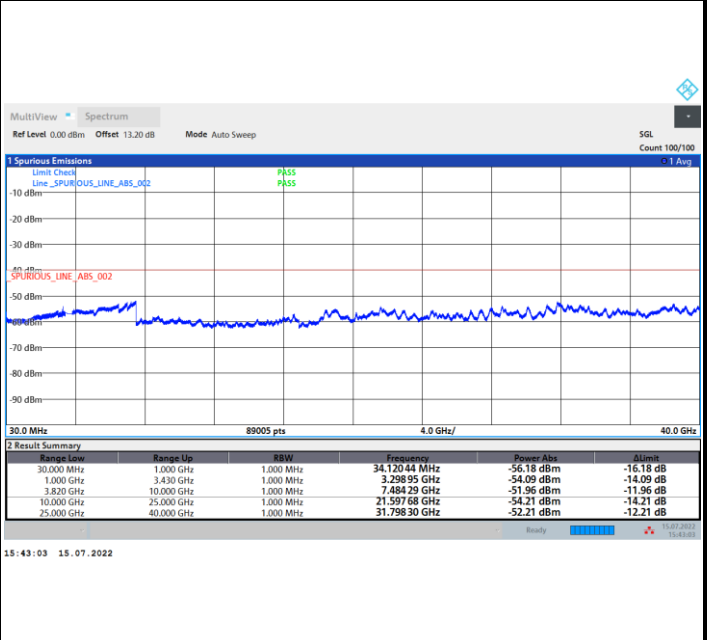
# Conducted Spurious Emission

FR1 n48 / 40MHz / CP OFDM / QPSK / 1RB0

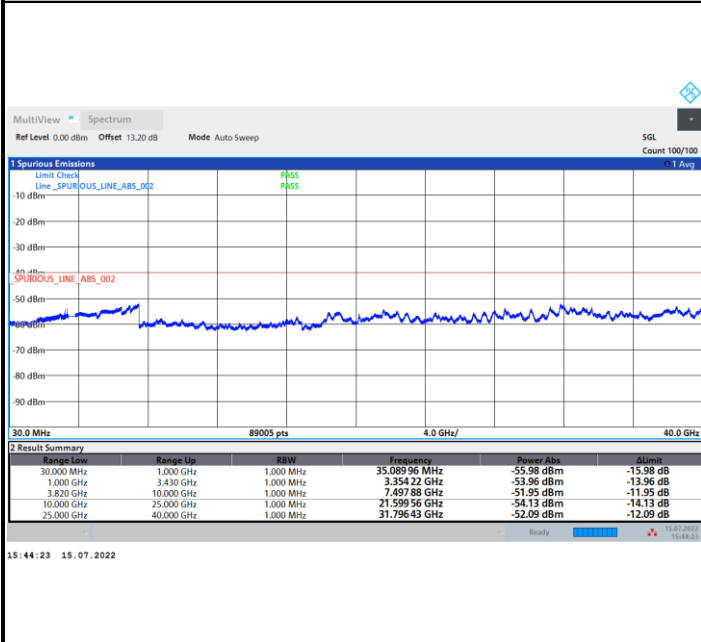
## Lowest Channel



## Middle Channel



## Highest Channel





### Frequency Stability

Test Conditions		FR1 n48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 40MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0035	

**Note:**

- 1. Normal Voltage = 3.8 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.2 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



### Appendix B. Test Results of Radiated Test

<SISO Mode>

<Ant. 3>

### 5G NR n48

5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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	7103	-51.50	-40	-11.50	-49.62	-61.20	1.84	11.54	H
	10654	-53.85	-40	-13.85	-56.45	-62.32	2.23	10.71	H
	14205	-48.83	-40	-8.83	-57.56	-58.46	2.65	12.28	H
	21307	-62.24	-40	-22.24	-76.61	-77.09	3.32	18.17	H
	24859	-59.60	-40	-19.60	-77.88	-74.37	3.71	18.48	H
	28411	-56.01	-40	-16.01	-76.52	-71.48	3.99	19.45	H
	7103	-47.41	-40	-7.41	-45.77	-57.11	1.84	11.54	V
	10654	-54.32	-40	-14.32	-56.51	-62.79	2.23	10.71	V
	14205	-49.34	-40	-9.34	-57.94	-58.97	2.65	12.28	V
	21307	-63.21	-40	-23.21	-77.27	-78.06	3.32	18.17	V
	24859	-55.90	-40	-15.90	-73.86	-70.67	3.71	18.48	V
	28411	-56.69	-40	-16.69	-76.79	-72.16	3.99	19.45	V
Middle	7233	-52.94	-40	-12.94	-51.42	-62.40	1.86	11.32	H
	10849	-52.73	-40	-12.73	-55.72	-61.11	2.22	10.59	H
	14465	-49.07	-40	-9.07	-58.04	-58.57	2.62	12.12	H
	18077	-60.46	-40	-20.46	-71.93	-74.83	3.23	17.60	H
	21696	-61.44	-40	-21.44	-76.6	-76.61	3.42	18.60	H
	25314	-58.81	-40	-18.81	-77.13	-73.81	3.78	18.78	H
	7233	-49.08	-40	-9.08	-47.9	-58.54	1.86	11.32	V
	10849	-52.95	-40	-12.95	-55.71	-61.33	2.22	10.59	V
	14465	-48.44	-40	-8.44	-57.85	-57.94	2.62	12.12	V
	18077	-60.45	-40	-20.45	-71.63	-74.82	3.23	17.60	V
	21696	-61.74	-40	-21.74	-76.56	-76.91	3.42	18.60	V
	25314	-55.24	-40	-15.24	-73.28	-70.24	3.78	18.78	V



5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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)
Highest	7363	-50.06	-40	-10.06	-48.85	-59.52	1.92	11.38	H
	11044	-52.93	-40	-12.93	-56.35	-61.27	2.22	10.55	H
	14725	-49.00	-40	-9.00	-58.09	-59.00	2.59	12.60	H
	18410	-62.28	-40	-22.28	-74.07	-76.64	3.24	17.60	H
	22084	-62.26	-40	-22.26	-77.83	-77.63	3.52	18.88	H
	25770	-56.51	-40	-16.51	-75.17	-71.68	3.88	19.05	H
	7363	-47.41	-40	-7.41	-46.35	-56.87	1.92	11.38	V
	11044	-52.82	-40	-12.82	-56.17	-61.16	2.22	10.55	V
	14725	-47.92	-40	-7.92	-57.96	-57.92	2.59	12.60	V
	18410	-61.23	-40	-21.23	-72.79	-75.59	3.24	17.60	V
	22084	-62.42	-40	-22.42	-77.6	-77.79	3.52	18.88	V
	25770	-53.25	-40	-13.25	-71.62	-68.42	3.88	19.05	V

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



<Ant. 0>

5G NR n48

5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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	7103	-57.01	-40	-17.01	-55.13	-66.71	1.84	11.54	H
	10654	-53.63	-40	-13.63	-56.23	-62.10	2.23	10.71	H
	14205	-49.14	-40	-9.14	-57.87	-58.77	2.65	12.28	H
	21307	-63.61	-40	-23.61	-77.98	-78.46	3.32	18.17	H
	24859	-59.71	-40	-19.71	-77.99	-74.48	3.71	18.48	H
	28411	-56.21	-40	-16.21	-76.72	-71.68	3.99	19.45	H
	7103	-57.29	-40	-17.29	-55.66	-66.99	1.84	11.54	V
	10654	-54.12	-40	-14.12	-56.31	-62.59	2.23	10.71	V
	14205	-49.41	-40	-9.41	-58.01	-59.04	2.65	12.28	V
	21307	-63.74	-40	-23.74	-77.8	-78.59	3.32	18.17	V
	24859	-58.14	-40	-18.14	-76.1	-72.91	3.71	18.48	V
	28411	-56.31	-40	-16.31	-76.41	-71.78	3.99	19.45	V
Middle	7233	-50.17	-40	-10.17	-48.65	-59.63	1.86	11.32	H
	10849	-52.57	-40	-12.57	-55.56	-60.95	2.22	10.59	H
	14465	-49.30	-40	-9.30	-58.27	-58.80	2.62	12.12	H
	10877	-60.53	-40	-20.53	-72	-68.89	2.21	10.57	H
	21696	-61.51	-40	-21.51	-76.67	-76.68	3.42	18.60	H
	25314	-59.86	-40	-19.86	-78.18	-74.86	3.78	18.78	H
	7233	-46.67	-40	-6.67	-45.49	-56.13	1.86	11.32	V
	10849	-52.78	-40	-12.78	-55.54	-61.16	2.22	10.59	V
	14465	-48.65	-40	-8.65	-58.06	-58.15	2.62	12.12	V
	10877	-60.84	-40	-20.84	-72.02	-69.20	2.21	10.57	V
	21696	-62.34	-40	-22.34	-77.16	-77.51	3.42	18.60	V
	25314	-59.29	-40	-19.29	-77.32	-74.29	3.78	18.78	V





5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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)
Highest	7363	-46.94	-40	-6.94	-45.73	-56.40	1.92	11.38	H
	11044	-52.71	-40	-12.71	-56.13	-61.05	2.22	10.55	H
	14725	-48.98	-40	-8.98	-58.07	-58.98	2.59	12.60	H
	18410	-63.44	-40	-23.44	-75.23	-77.80	3.24	17.60	H
	22084	-62.94	-40	-22.94	-78.51	-78.31	3.52	18.88	H
	25770	-59.09	-40	-19.09	-77.75	-74.26	3.88	19.05	H
	7363	-44.65	-40	-4.65	-43.59	-54.11	1.92	11.38	V
	11044	-52.93	-40	-12.93	-56.28	-61.27	2.22	10.55	V
	14725	-48.14	-40	-8.14	-58.18	-58.14	2.59	12.60	V
	18410	-63.25	-40	-23.25	-74.81	-77.61	3.24	17.60	V
	22084	-62.73	-40	-22.73	-77.91	-78.10	3.52	18.88	V
	25770	-58.57	-40	-18.57	-76.94	-73.74	3.88	19.05	V

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



<Ant. 1>

**5G NR n48**

5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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	7103	-47.42	-40	-7.42	-45.54	-57.12	1.84	11.54	H
	10654	-53.78	-40	-13.78	-56.38	-62.25	2.23	10.71	H
	14205	-49.48	-40	-9.48	-58.21	-59.11	2.65	12.28	H
	21307	-62.68	-40	-22.68	-77.05	-77.53	3.32	18.17	H
	24859	-59.01	-40	-19.01	-77.29	-73.78	3.71	18.48	H
	28411	-55.99	-40	-15.99	-76.5	-71.46	3.99	19.45	H
	7103	-47.76	-40	-7.76	-46.13	-57.46	1.84	11.54	V
	10654	-54.10	-40	-14.10	-56.29	-62.57	2.23	10.71	V
	14205	-49.00	-40	-9.00	-57.6	-58.63	2.65	12.28	V
	21307	-63.53	-40	-23.53	-77.59	-78.38	3.32	18.17	V
	24859	-54.73	-40	-14.73	-72.69	-69.50	3.71	18.48	V
	28411	-56.29	-40	-16.29	-76.39	-71.76	3.99	19.45	V
Middle	7233	-47.32	-40	-7.32	-45.79	-56.78	1.86	11.32	H
	10849	-52.47	-40	-12.47	-55.46	-60.85	2.22	10.59	H
	14465	-48.83	-40	-8.83	-57.8	-58.33	2.62	12.12	H
	18077	-60.33	-40	-20.33	-71.8	-74.70	3.23	17.60	H
	21696	-60.92	-40	-20.92	-76.08	-76.09	3.42	18.60	H
	25314	-58.39	-40	-18.39	-76.71	-73.39	3.78	18.78	H
	7233	-46.99	-40	-6.99	-45.81	-56.45	1.86	11.32	V
	10849	-52.49	-40	-12.49	-55.25	-60.87	2.22	10.59	V
	14465	-48.23	-40	-8.23	-57.64	-57.73	2.62	12.12	V
	18077	-59.98	-40	-19.98	-71.16	-74.35	3.23	17.60	V
	21696	-61.92	-40	-21.92	-76.74	-77.09	3.42	18.60	V
	25314	-59.11	-40	-19.11	-77.14	-74.11	3.78	18.78	V



5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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)
Highest	7363	-48.47	-40	-8.47	-47.26	-57.93	1.92	11.38	H
	11044	-52.57	-40	-12.57	-55.99	-60.91	2.22	10.55	H
	14725	-48.97	-40	-8.97	-58.06	-58.97	2.59	12.60	H
	18410	-61.34	-40	-21.34	-73.13	-75.70	3.24	17.60	H
	22084	-60.53	-40	-20.53	-76.1	-75.90	3.52	18.88	H
	25770	-57.82	-40	-17.82	-76.48	-72.99	3.88	19.05	H
	7363	-43.53	-40	-3.53	-42.47	-52.99	1.92	11.38	V
	11044	-52.92	-40	-12.92	-56.27	-61.26	2.22	10.55	V
	14725	-48.00	-40	-8.00	-58.04	-58.00	2.59	12.60	V
	18410	-63.02	-40	-23.02	-74.58	-77.38	3.24	17.60	V
	22084	-62.78	-40	-22.78	-77.96	-78.15	3.52	18.88	V
	25770	-59.03	-40	-19.03	-77.4	-74.20	3.88	19.05	V

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



<Ant. 2>

5G NR n48

5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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	7103	-51.72	-40	-11.72	-49.84	-61.42	1.84	11.54	H
	10654	-53.82	-40	-13.82	-56.42	-62.29	2.23	10.71	H
	14205	-49.05	-40	-9.05	-57.78	-58.68	2.65	12.28	H
	21307	-63.39	-40	-23.39	-77.76	-78.24	3.32	18.17	H
	24859	-59.29	-40	-19.29	-77.57	-74.06	3.71	18.48	H
	28411	-55.30	-40	-15.30	-75.81	-70.77	3.99	19.45	H
	7103	-44.35	-40	-4.35	-42.72	-54.05	1.84	11.54	V
	10654	-54.37	-40	-14.37	-56.56	-62.84	2.23	10.71	V
	14205	-49.32	-40	-9.32	-57.92	-58.95	2.65	12.28	V
	21307	-63.73	-40	-23.73	-77.79	-78.58	3.32	18.17	V
	24859	-52.34	-40	-12.34	-70.3	-67.11	3.71	18.48	V
	28411	-56.44	-40	-16.44	-76.54	-71.91	3.99	19.45	V
Middle	7233	-49.04	-40	-9.04	-47.52	-58.50	1.86	11.32	H
	10849	-52.68	-40	-12.68	-55.67	-61.06	2.22	10.59	H
	14465	-48.69	-40	-8.69	-57.66	-58.19	2.62	12.12	H
	18077	-60.82	-40	-20.82	-72.29	-75.19	3.23	17.60	H
	21696	-61.73	-40	-21.73	-76.89	-76.90	3.42	18.60	H
	25314	-59.23	-40	-19.23	-77.55	-74.23	3.78	18.78	H
	7233	-46.56	-40	-6.56	-45.38	-56.02	1.86	11.32	V
	10849	-52.66	-40	-12.66	-55.42	-61.04	2.22	10.59	V
	14465	-48.56	-40	-8.56	-57.97	-58.06	2.62	12.12	V
	18077	-60.21	-40	-20.21	-71.39	-74.58	3.23	17.60	V
	21696	-62.16	-40	-22.16	-76.98	-77.33	3.42	18.60	V
	25314	-59.90	-40	-19.90	-77.93	-74.90	3.78	18.78	V



5G NR n48/ 40MHz / PI/2 BPSK / 1RB0									
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)
Highest	7363	-47.55	-40	-7.55	-46.34	-57.01	1.92	11.38	H
	11044	-52.69	-40	-12.69	-56.11	-61.03	2.22	10.55	H
	14725	-48.98	-40	-8.98	-58.07	-58.98	2.59	12.60	H
	18410	-63.31	-40	-23.31	-75.1	-77.67	3.24	17.60	H
	22084	-62.79	-40	-22.79	-78.36	-78.16	3.52	18.88	H
	25770	-59.54	-40	-19.54	-78.2	-74.71	3.88	19.05	H
	7363	-43.77	-40	-3.77	-42.71	-53.23	1.92	11.38	V
	11044	-53.16	-40	-13.16	-56.51	-61.50	2.22	10.55	V
	14725	-48.12	-40	-8.12	-58.16	-58.12	2.59	12.60	V
	18410	-63.23	-40	-23.23	-74.79	-77.59	3.24	17.60	V
	22084	-62.85	-40	-22.85	-78.03	-78.22	3.52	18.88	V
	25770	-58.68	-40	-18.68	-77.05	-73.85	3.88	19.05	V

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



<MIMO Mode>

MIMO <Ant. 3+1>

**5G NR n48 UL**

5G NR n48/ 40MHz / QPSK / 1RB0									
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	7233	-53.59	-40	-13.59	-52.07	-63.05	1.86	11.32	H
	10849	-52.83	-40	-12.83	-55.82	-61.21	2.22	10.59	H
	14465	-49.10	-40	-9.10	-58.07	-58.60	2.62	12.12	H
	18077	-60.53	-40	-20.53	-72	-74.90	3.23	17.60	H
	21696	-61.51	-40	-21.51	-76.67	-76.68	3.42	18.60	H
	25314	-59.86	-40	-19.86	-78.18	-74.86	3.78	18.78	H
	7233	-48.66	-40	-8.66	-47.48	-58.12	1.86	11.32	V
	10849	-52.92	-40	-12.92	-55.68	-61.30	2.22	10.59	V
	14465	-48.70	-40	-8.70	-58.11	-58.20	2.62	12.12	V
	18077	-60.84	-40	-20.84	-72.02	-75.21	3.23	17.60	V
	21696	-62.34	-40	-22.34	-77.16	-77.51	3.42	18.60	V
	25314	-59.29	-40	-19.29	-77.32	-74.29	3.78	18.78	V

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



MIMO <Ant. 0+1>

**5G NR n48 UL**

5G NR n48/ 40MHz / QPSK / 1RB0									
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	7233	-48.57	-40	-8.57	-47.05	-58.03	1.86	11.32	H
	10849	-52.85	-40	-12.85	-55.84	-61.23	2.22	10.59	H
	14465	-49.22	-40	-9.22	-58.19	-58.72	2.62	12.12	H
	18077	-60.46	-40	-20.46	-71.93	-74.83	3.23	17.60	H
	21696	-61.44	-40	-21.44	-76.6	-76.61	3.42	18.60	H
	25314	-58.81	-40	-18.81	-77.13	-73.81	3.78	18.78	H
	7233	-48.97	-40	-8.97	-47.79	-58.43	1.86	11.32	V
	10849	-52.45	-40	-12.45	-55.21	-60.83	2.22	10.59	V
	14465	-48.78	-40	-8.78	-58.19	-58.28	2.62	12.12	V
	18077	-60.45	-40	-20.45	-71.63	-74.82	3.23	17.60	V
	21696	-61.74	-40	-21.74	-76.56	-76.91	3.42	18.60	V
	25314	-55.24	-40	-15.24	-73.28	-70.24	3.78	18.78	V

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



MIMO <Ant. 1+3>

**5G NR n48 UL**

5G NR n48/ 40MHz / QPSK / 1RB0									
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	7233	-52.87	-40	-12.87	-51.35	-62.33	1.86	11.32	H
	10849	-52.57	-40	-12.57	-55.56	-60.95	2.22	10.59	H
	14465	-49.42	-40	-9.42	-58.39	-58.92	2.62	12.12	H
	18077	-60.82	-40	-20.82	-72.29	-75.19	3.23	17.60	H
	21696	-61.73	-40	-21.73	-76.89	-76.90	3.42	18.60	H
	25314	-59.23	-40	-19.23	-77.55	-74.23	3.78	18.78	H
	7233	-45.84	-40	-5.84	-44.66	-55.30	1.86	11.32	V
	10849	-53.41	-40	-13.41	-56.17	-61.79	2.22	10.59	V
	14465	-49.03	-40	-9.03	-58.44	-58.53	2.62	12.12	V
	18077	-60.21	-40	-20.21	-71.39	-74.58	3.23	17.60	V
	21696	-62.16	-40	-22.16	-76.98	-77.33	3.42	18.60	V
	25314	-59.90	-40	-19.90	-77.93	-74.90	3.78	18.78	V

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





MIMO <Ant. 2+1>

**5G NR n48 UL**

5G NR n48/ 40MHz / QPSK / 1RB0									
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	7233	-53.23	-40	-13.23	-51.71	-62.69	1.86	11.32	H
	10849	-52.62	-40	-12.62	-55.61	-61.00	2.22	10.59	H
	14465	-49.33	-40	-9.33	-58.3	-58.83	2.62	12.12	H
	18077	-60.33	-40	-20.33	-71.8	-74.70	3.23	17.60	H
	21696	-60.92	-40	-20.92	-76.08	-76.09	3.42	18.60	H
	25314	-58.39	-40	-18.39	-76.71	-73.39	3.78	18.78	H
	7233	-43.69	-40	-3.69	-42.51	-53.15	1.86	11.32	V
	10849	-53.21	-40	-13.21	-55.97	-61.59	2.22	10.59	V
	14465	-48.96	-40	-8.96	-58.37	-58.46	2.62	12.12	V
	18077	-59.98	-40	-19.98	-71.16	-74.35	3.23	17.60	V
	21696	-61.92	-40	-21.92	-76.74	-77.09	3.42	18.60	V
	25314	-59.11	-40	-19.11	-77.14	-74.11	3.78	18.78	V

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