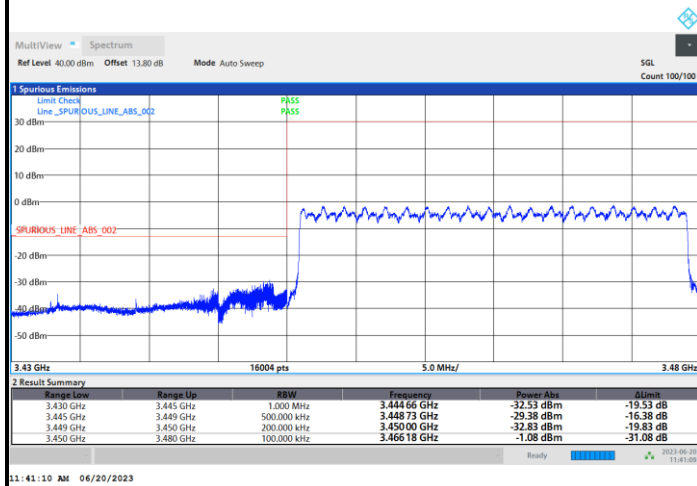


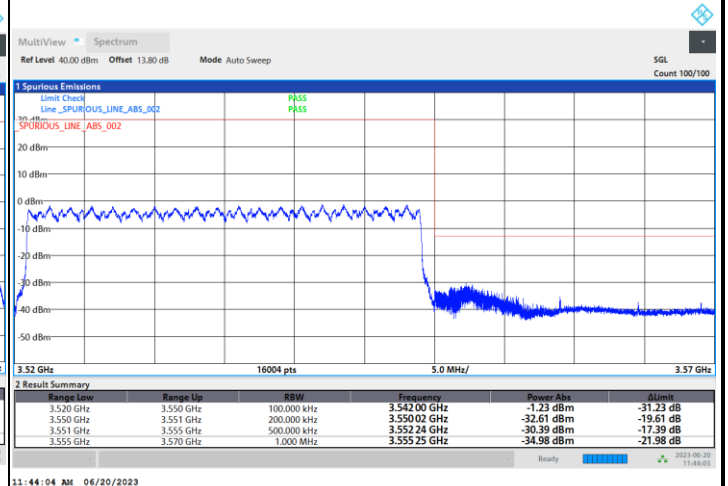


FR1 n77 / 30MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

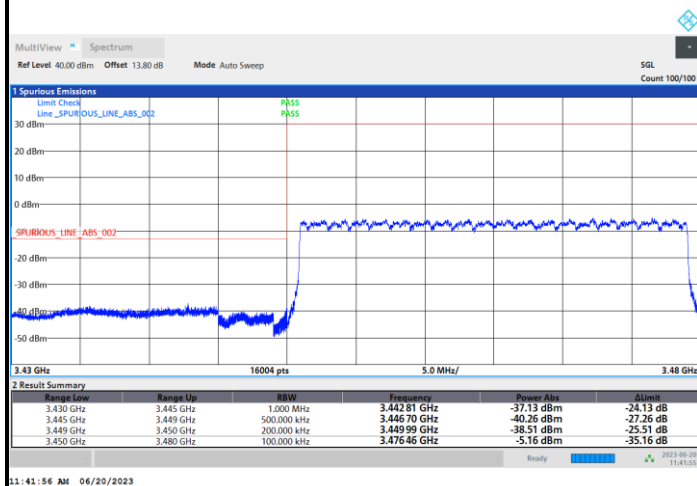


Highest Band Edge / Full RB

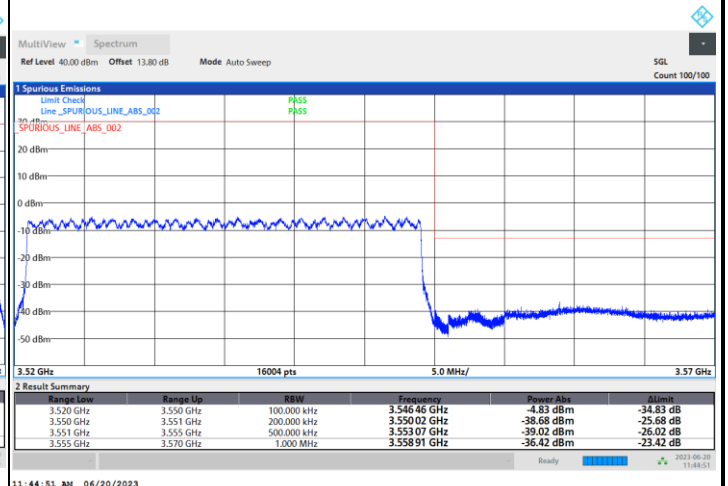


FR1 n77 / 30MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



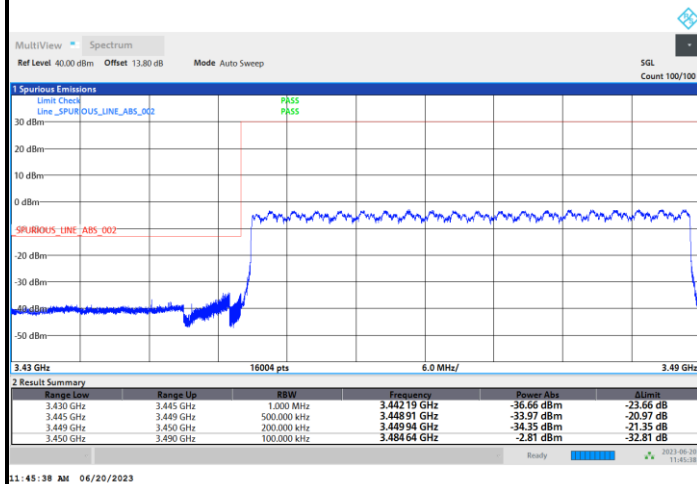
Highest Band Edge / Full RB



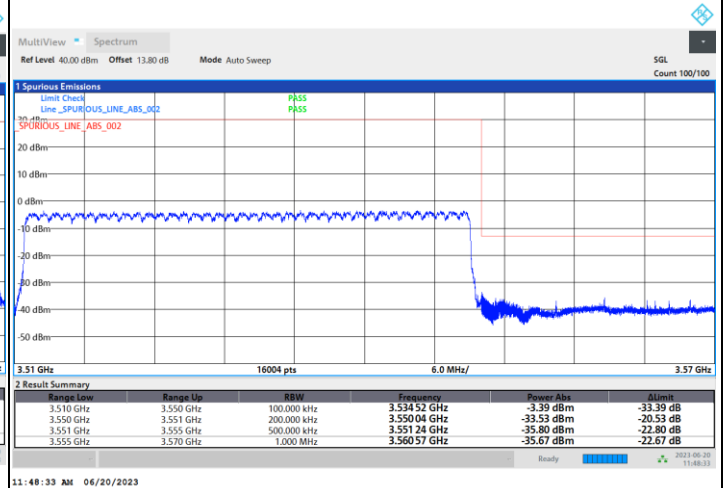


FR1 n77 / 40MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

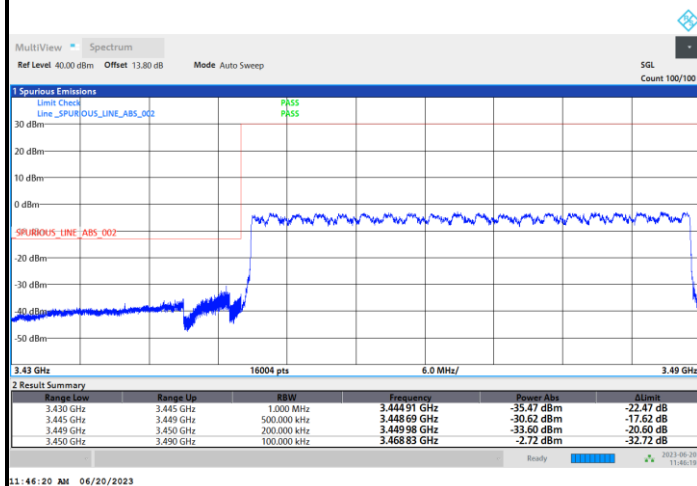


Highest Band Edge / Full RB

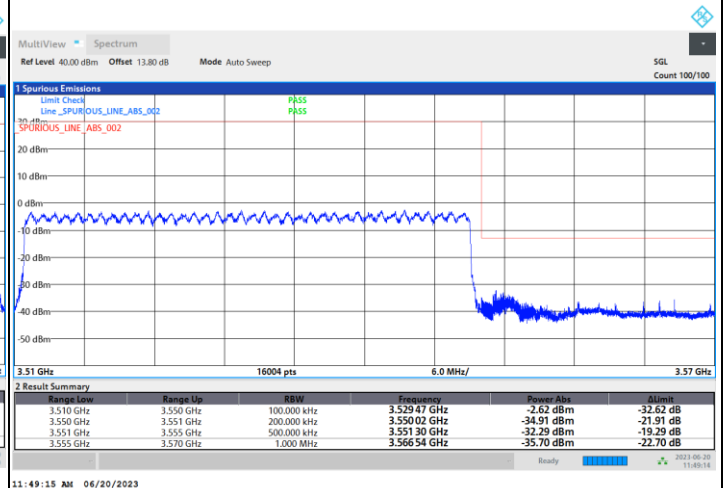


FR1 n77 / 40MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



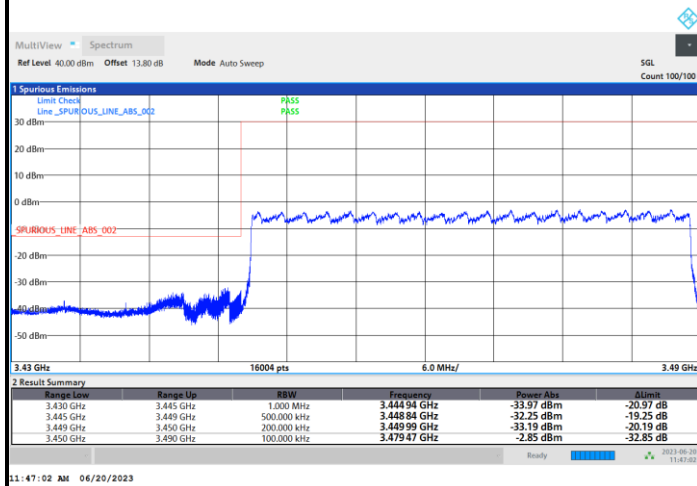
Highest Band Edge / Full RB



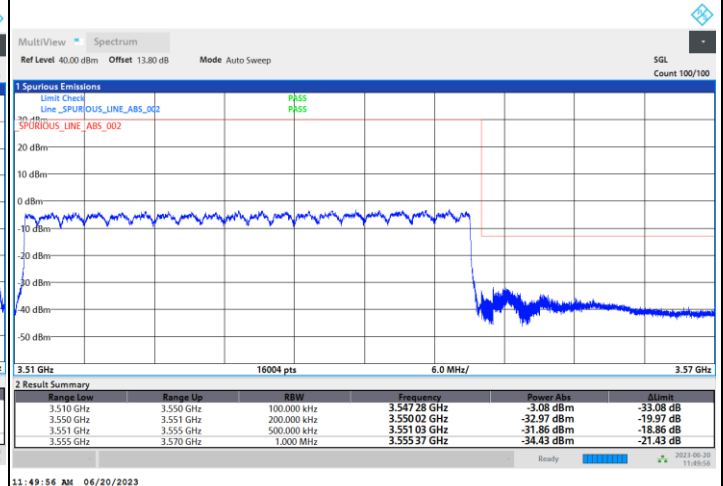


FR1 n77 / 40MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

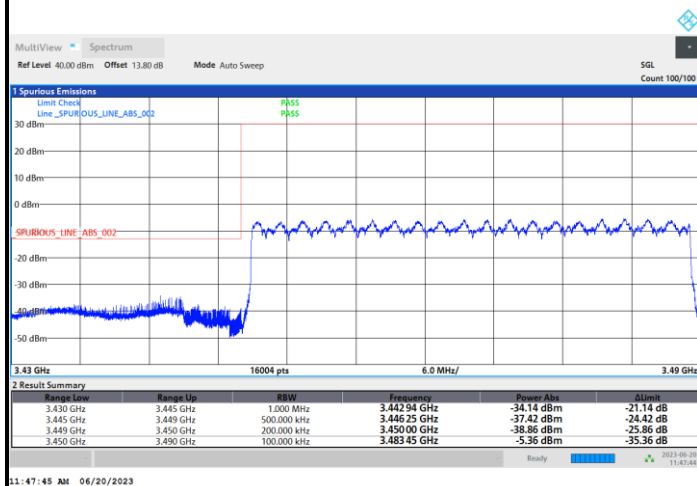


Highest Band Edge / Full RB

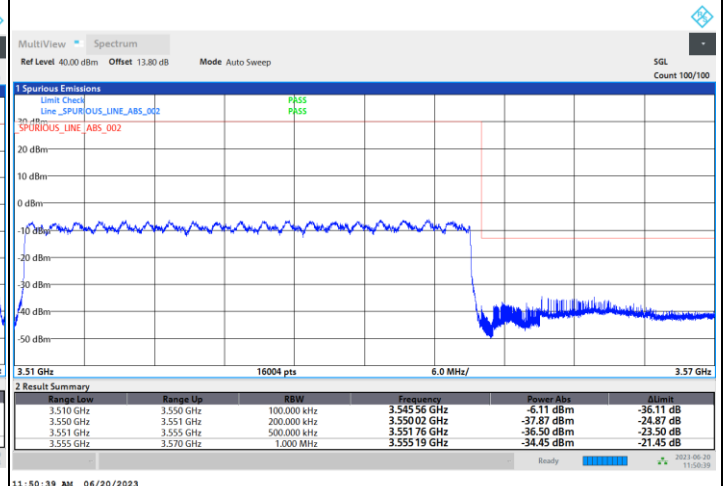


FR1 n77 / 40MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



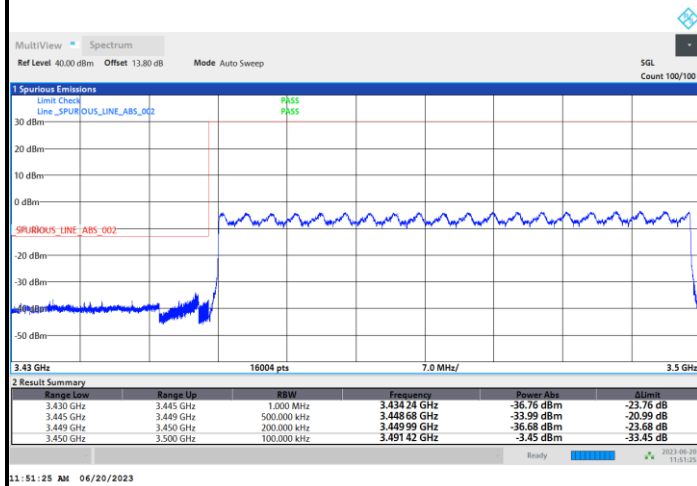
Highest Band Edge / Full RB



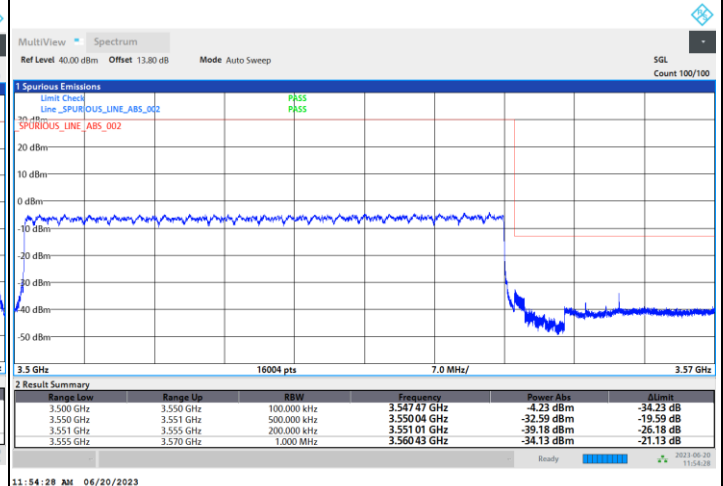


FR1 n77 / 50MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

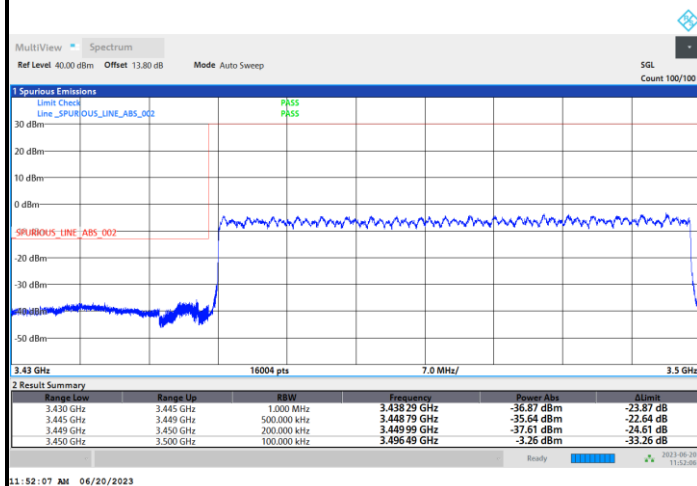


Highest Band Edge / Full RB

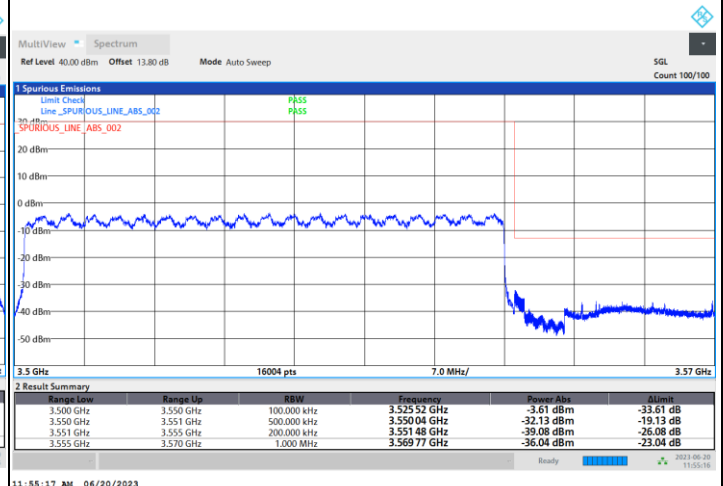


FR1 n77 / 50MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



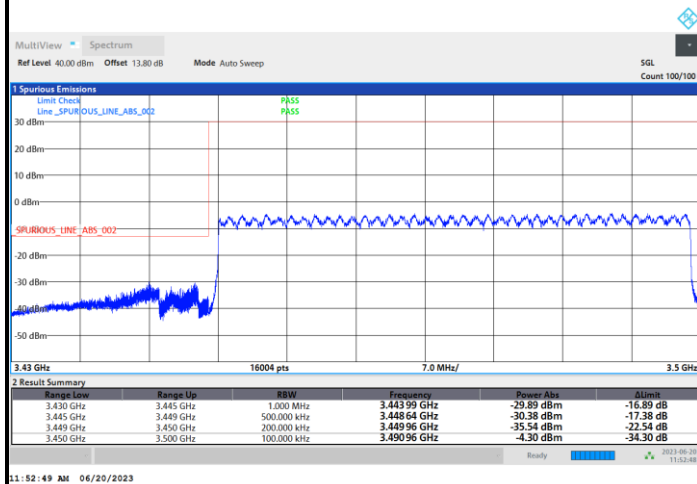
Highest Band Edge / Full RB



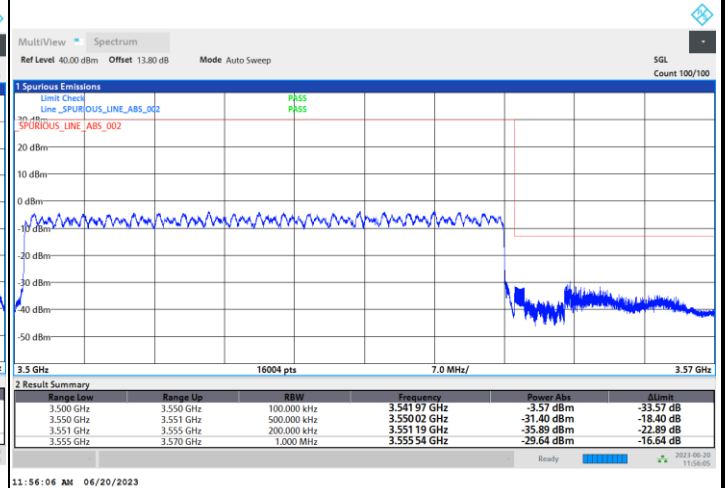


FR1 n77 / 50MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

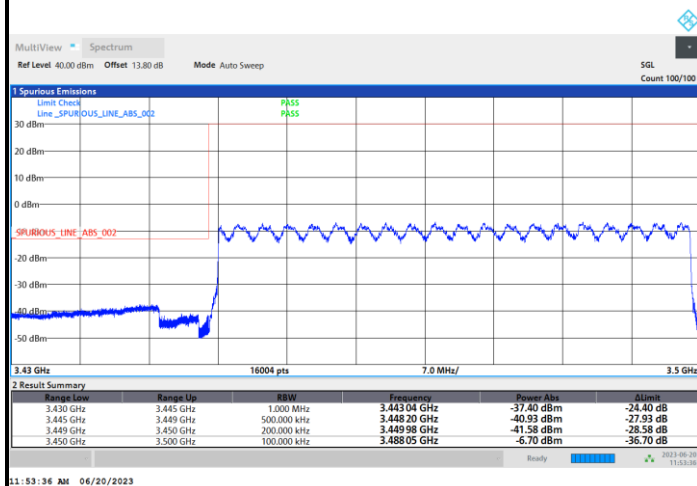


Highest Band Edge / Full RB

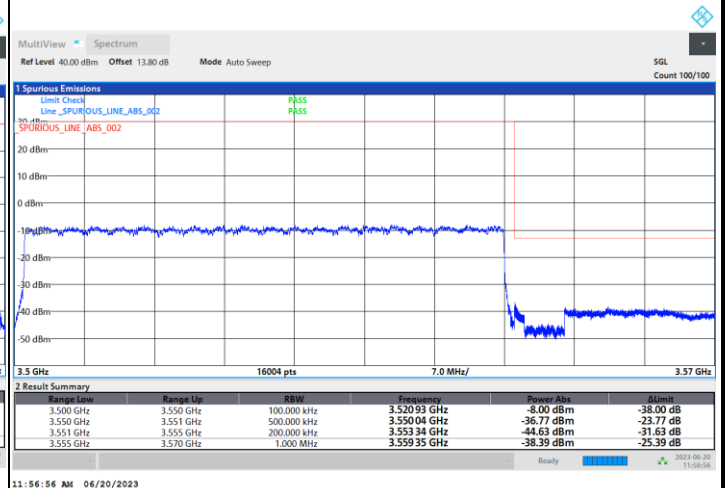


FR1 n77 / 50MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



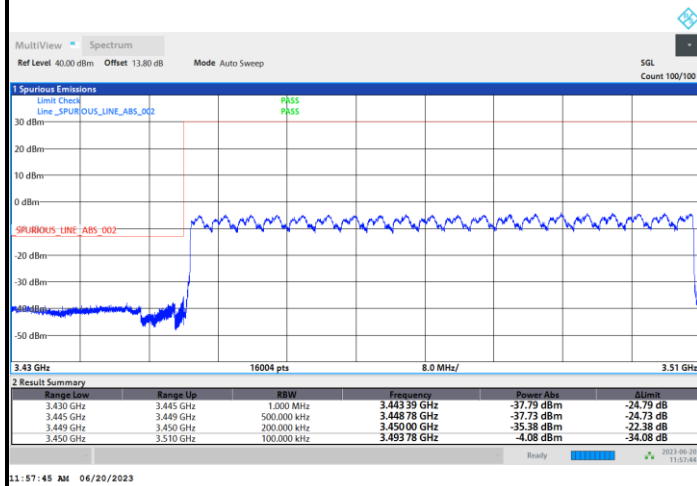
Highest Band Edge / Full RB



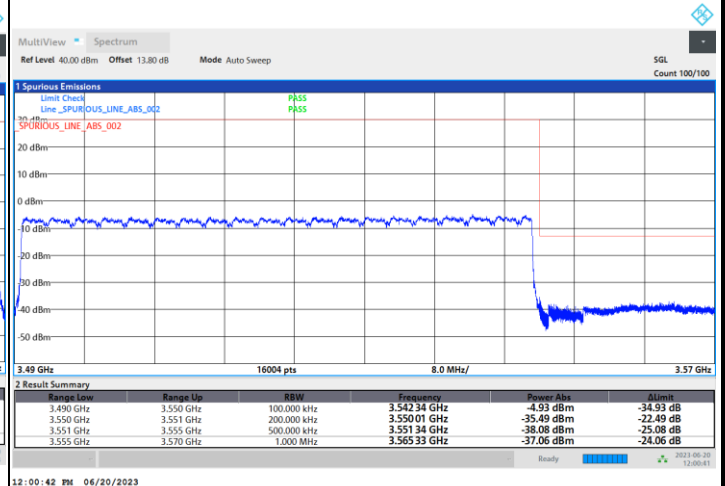


FR1 n77 / 60MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

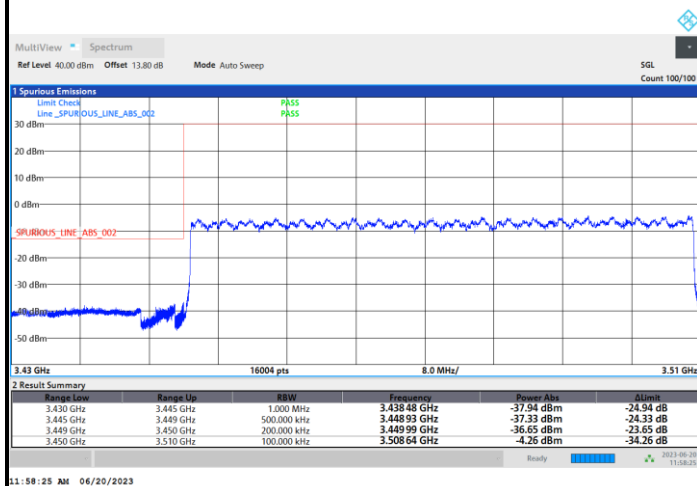


Highest Band Edge / Full RB

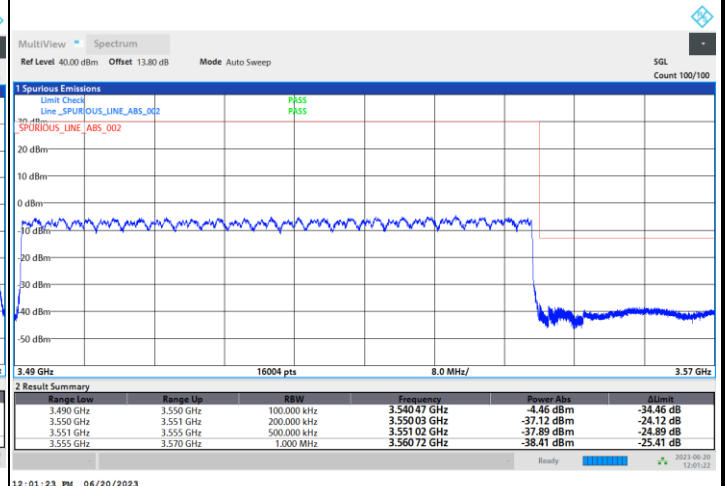


FR1 n77 / 60MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



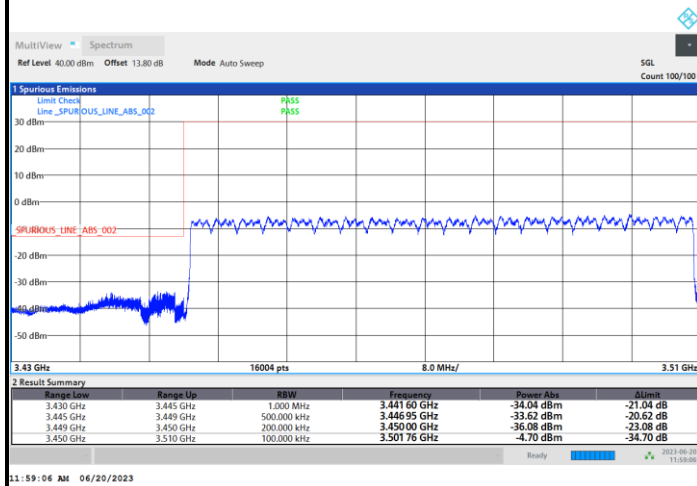
Highest Band Edge / Full RB



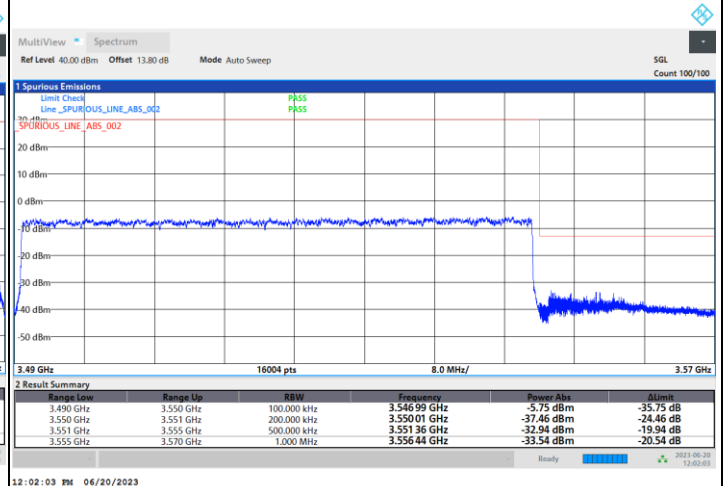


FR1 n77 / 60MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

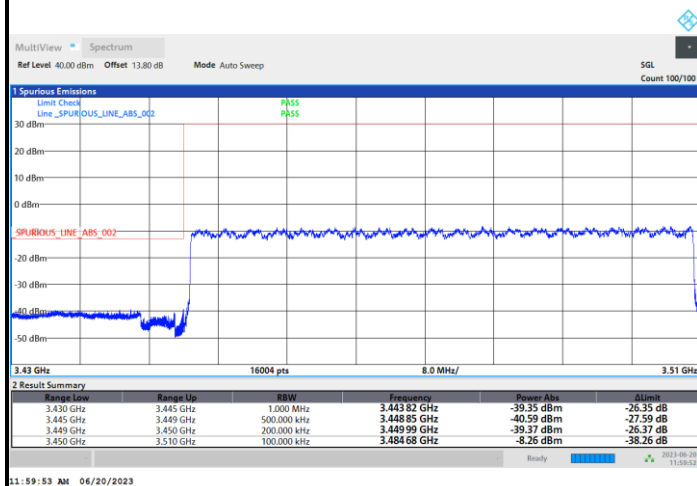


Highest Band Edge / Full RB

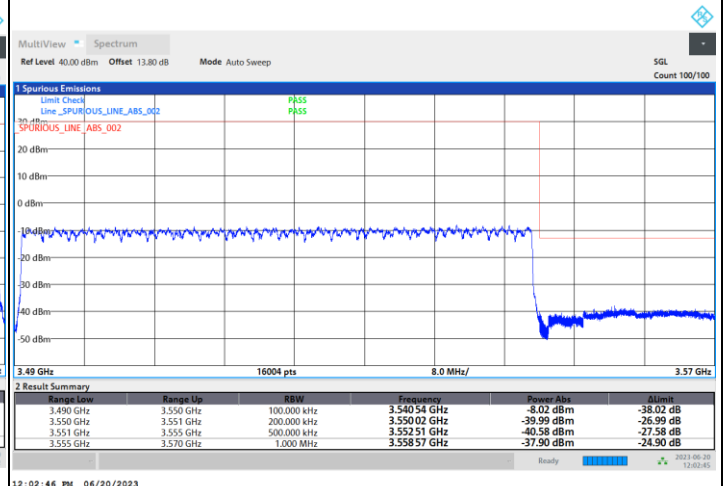


FR1 n77 / 60MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



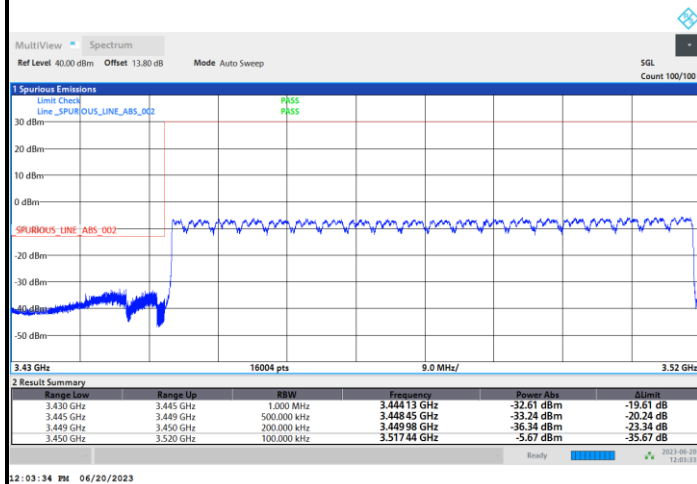
Highest Band Edge / Full RB



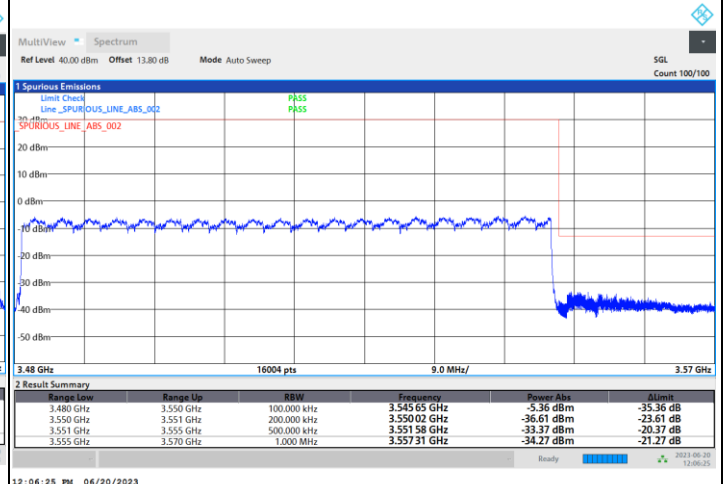


FR1 n77 / 70MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

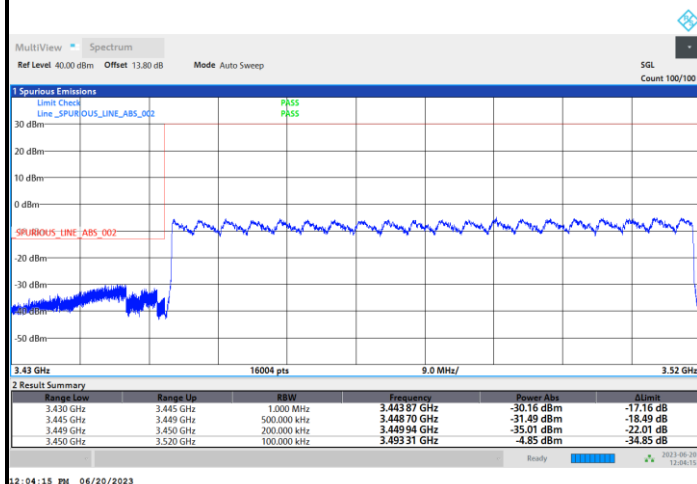


Highest Band Edge / Full RB

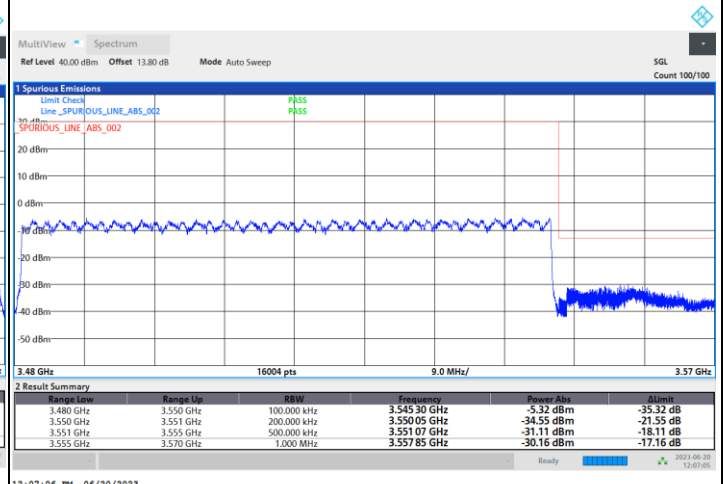


FR1 n77 / 70MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



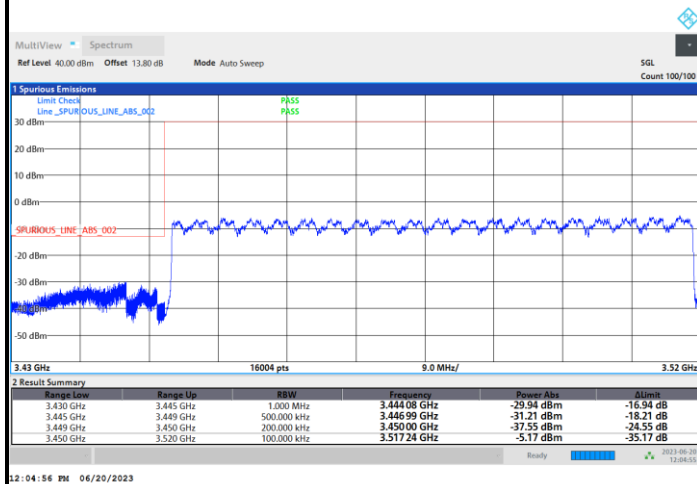
Highest Band Edge / Full RB



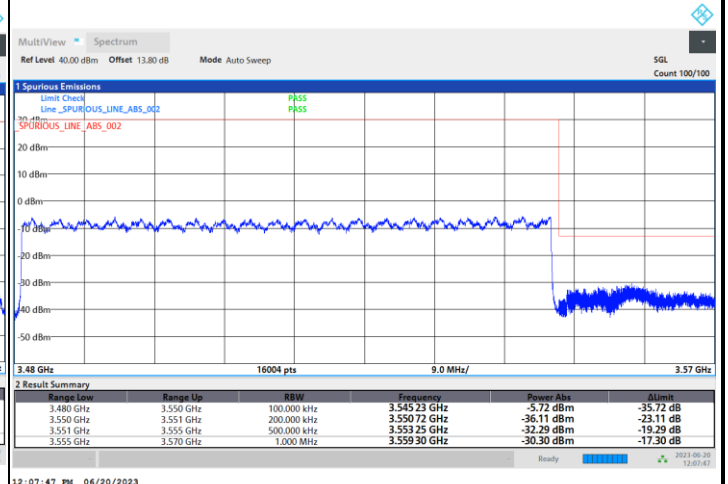


FR1 n77 / 70MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

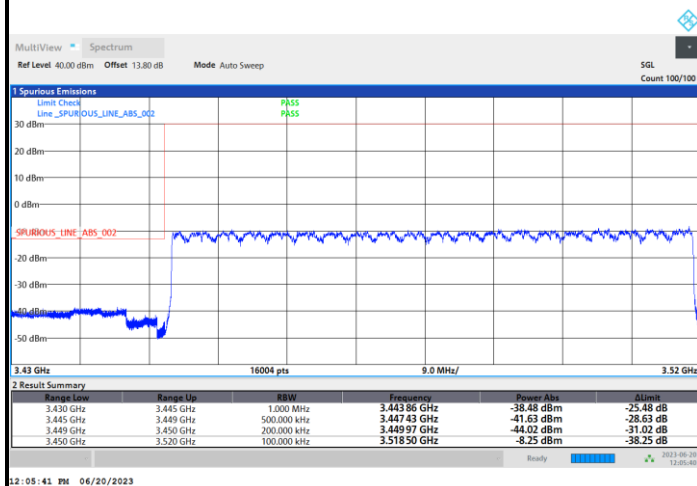


Highest Band Edge / Full RB

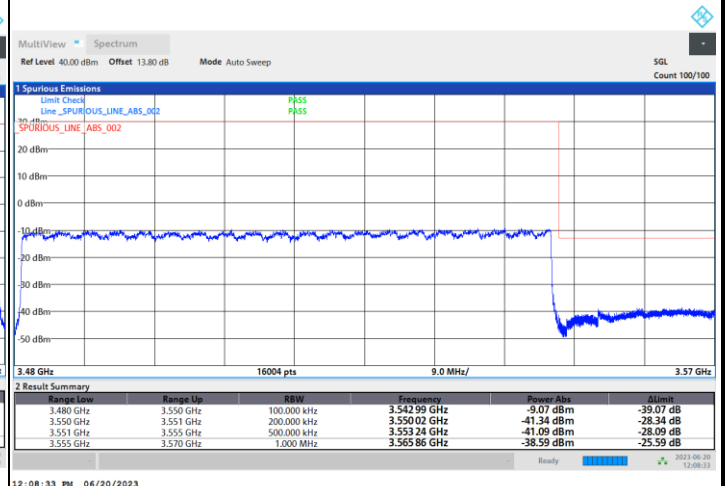


FR1 n77 / 70MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



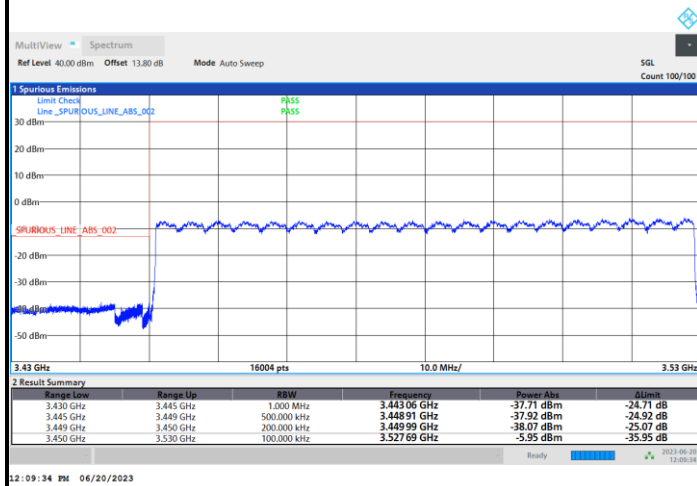
Highest Band Edge / Full RB



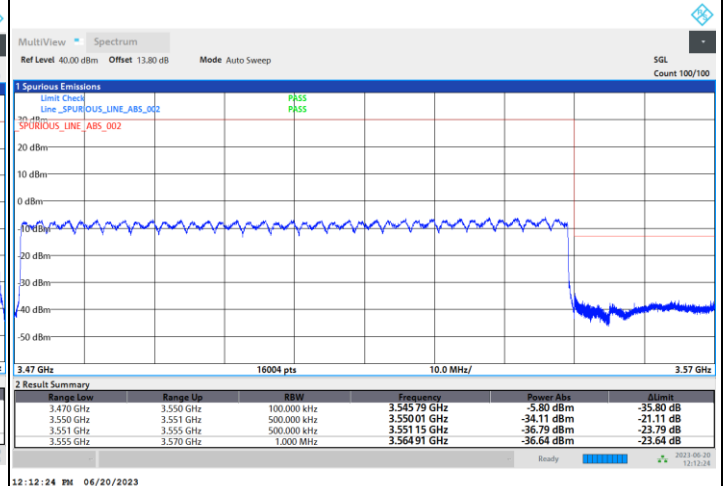


FR1 n77 / 80MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

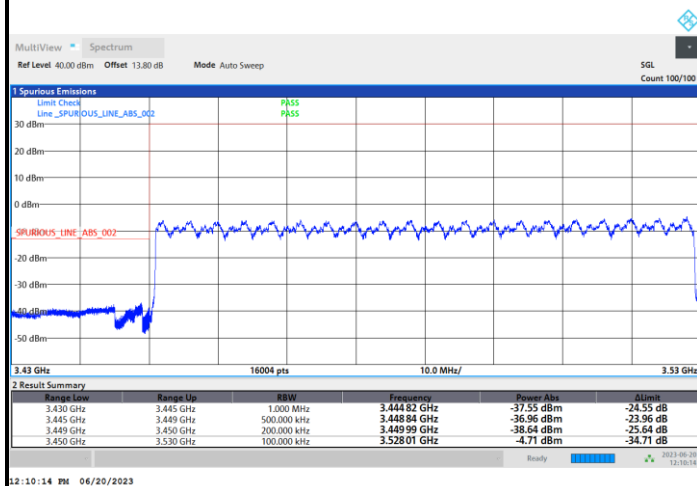


Highest Band Edge / Full RB

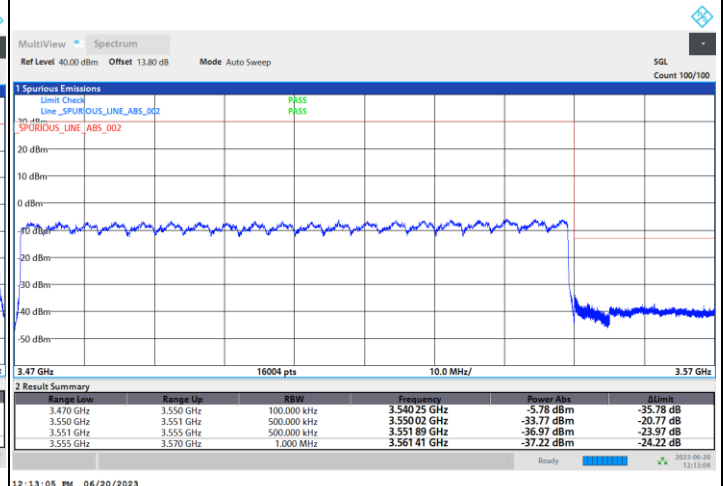


FR1 n77 / 80MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



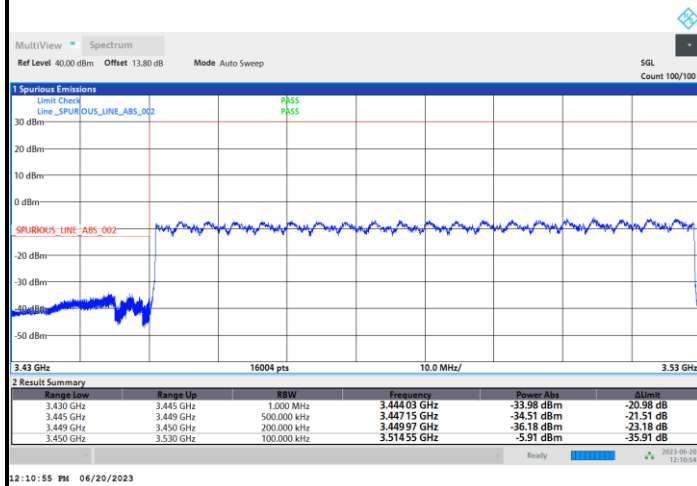
Highest Band Edge / Full RB



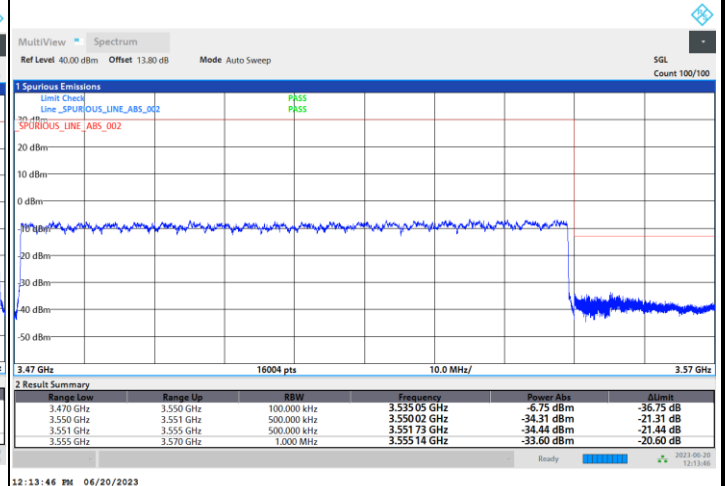


FR1 n77 / 80MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

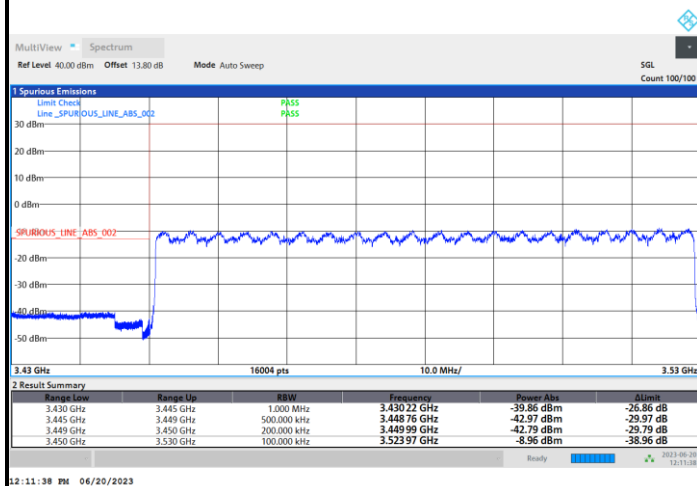


Highest Band Edge / Full RB

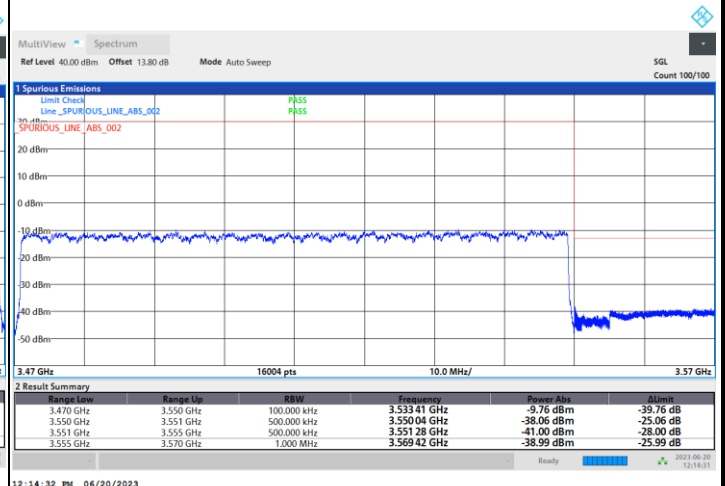


FR1 n77 / 80MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



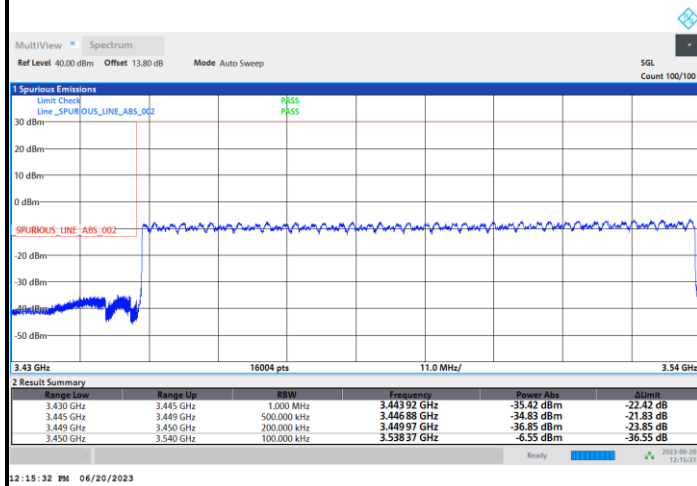
Highest Band Edge / Full RB



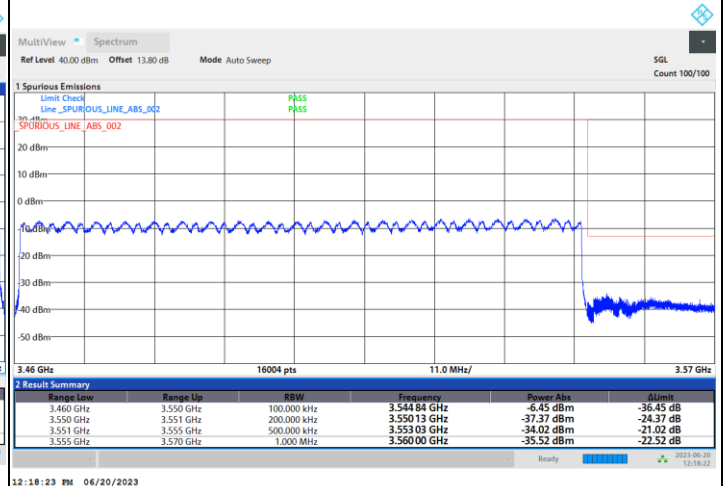


FR1 n77 / 90MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

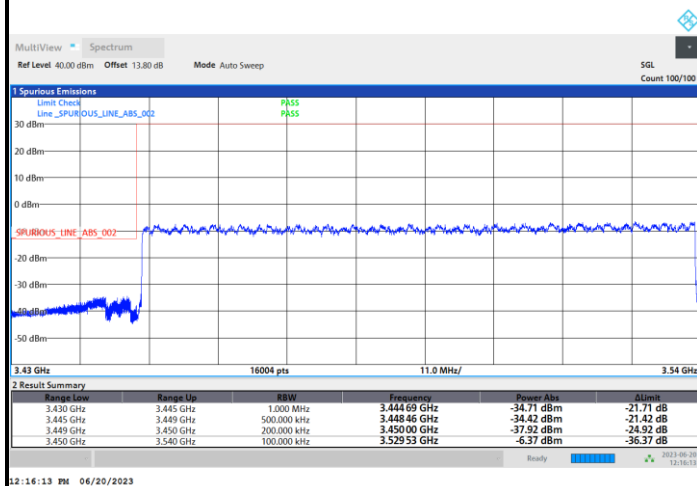


Highest Band Edge / Full RB

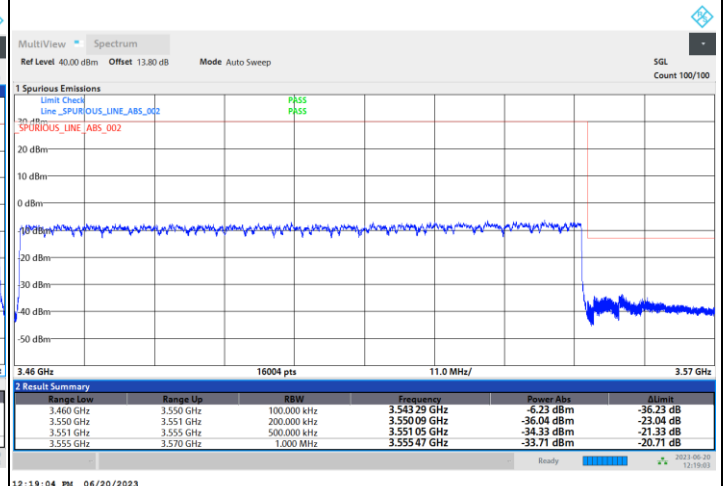


FR1 n77 / 90MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



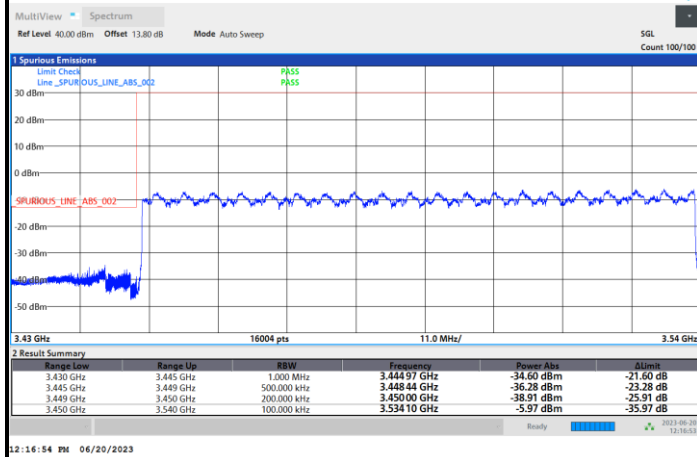
Highest Band Edge / Full RB



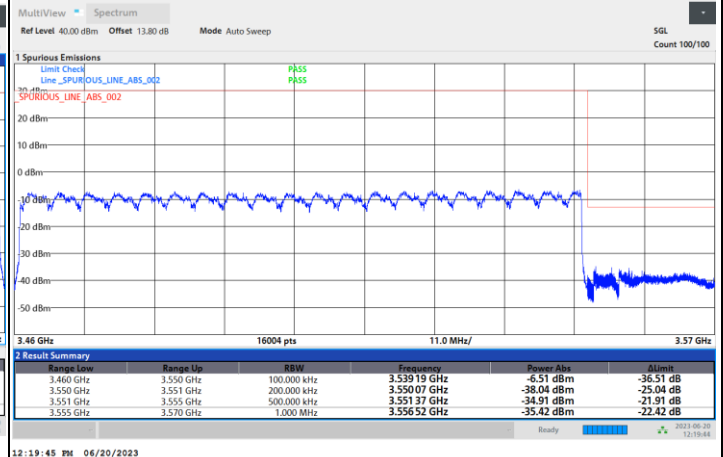


FR1 n77 / 90MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

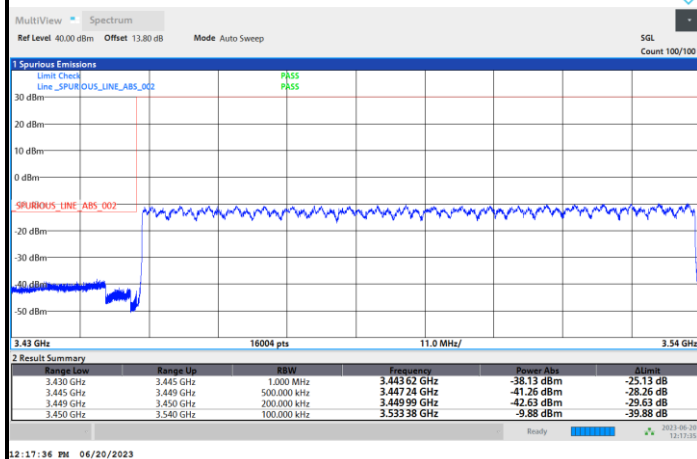


Highest Band Edge / Full RB

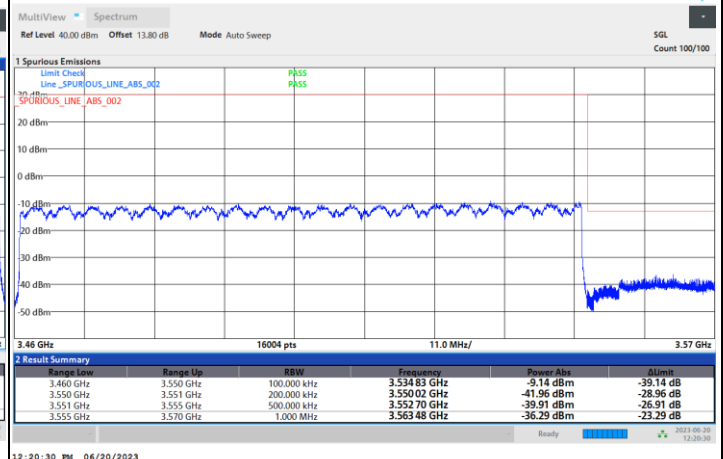


FR1 n77 / 90MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



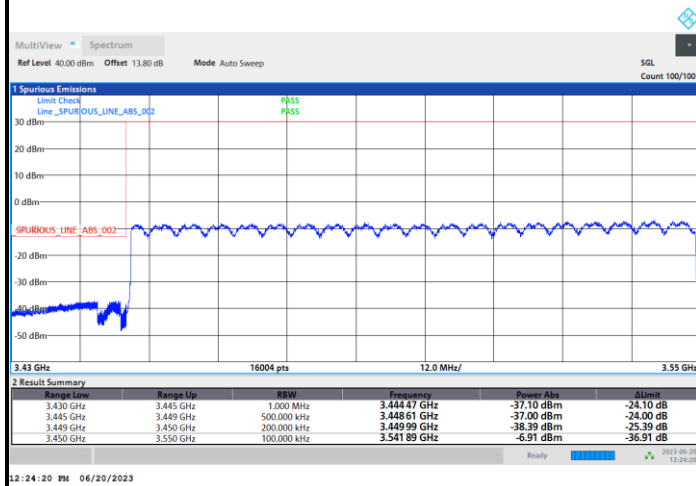
Highest Band Edge / Full RB



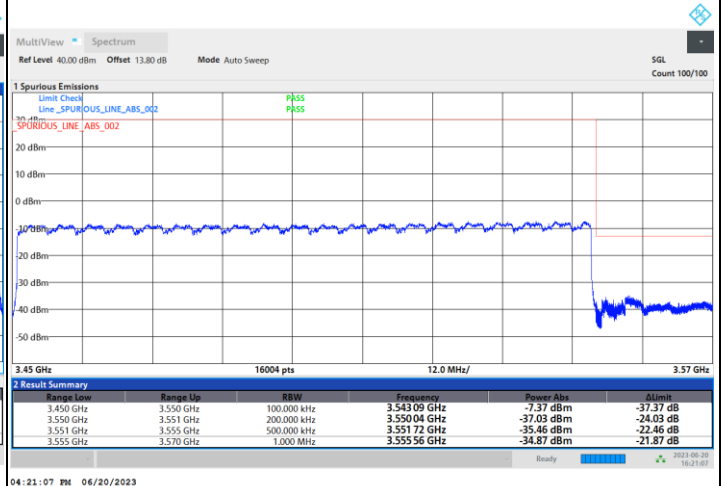


FR1 n77 / 100MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

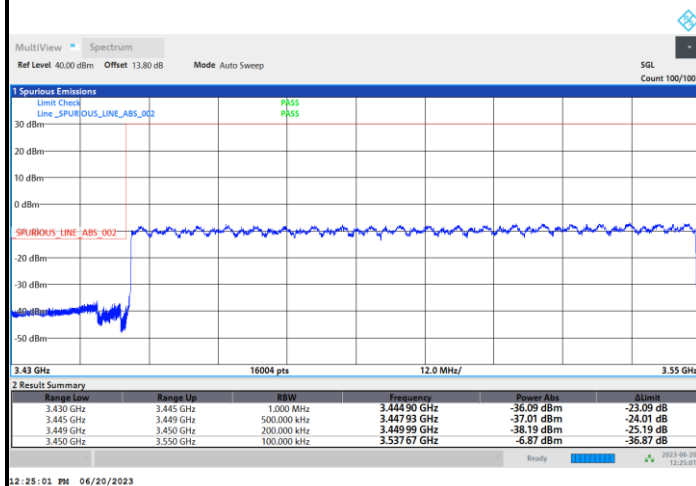


Highest Band Edge / Full RB

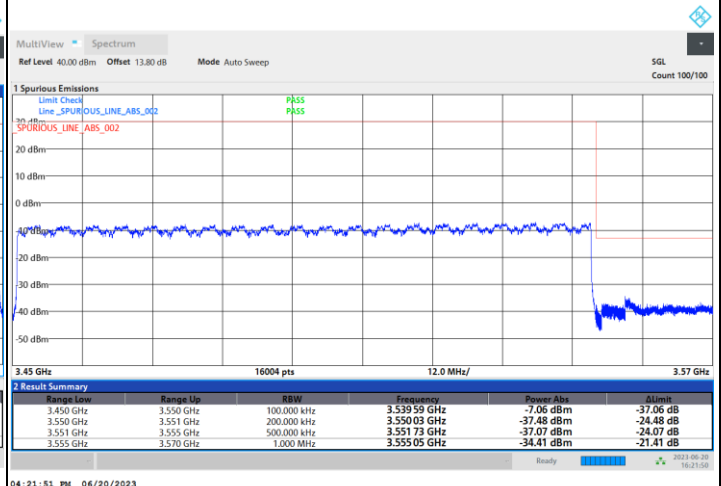


FR1 n77 / 100MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB



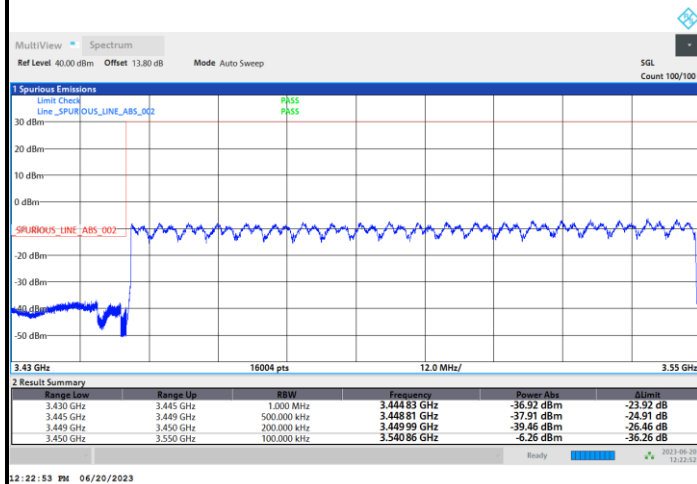
Highest Band Edge / Full RB



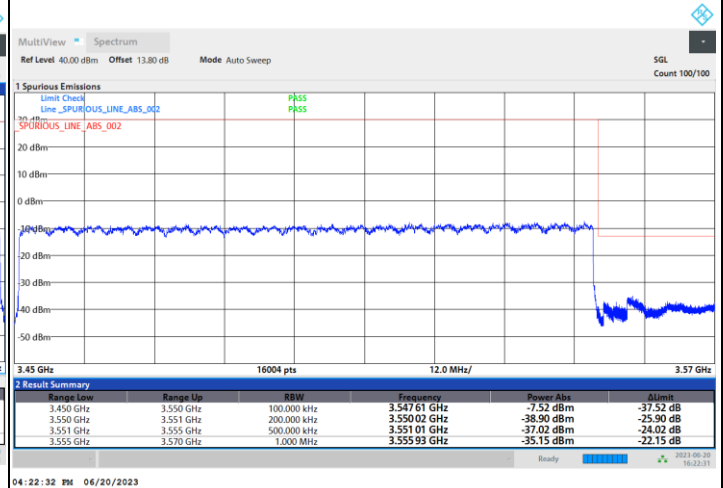


FR1 n77 / 100MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

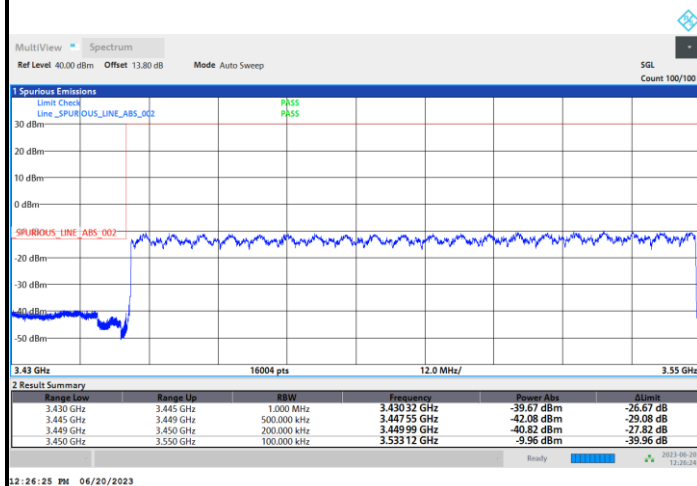


Highest Band Edge / Full RB

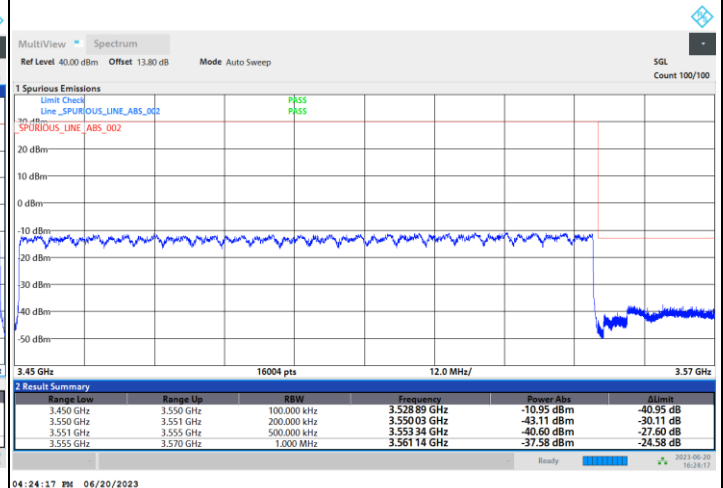


FR1 n77 / 100MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

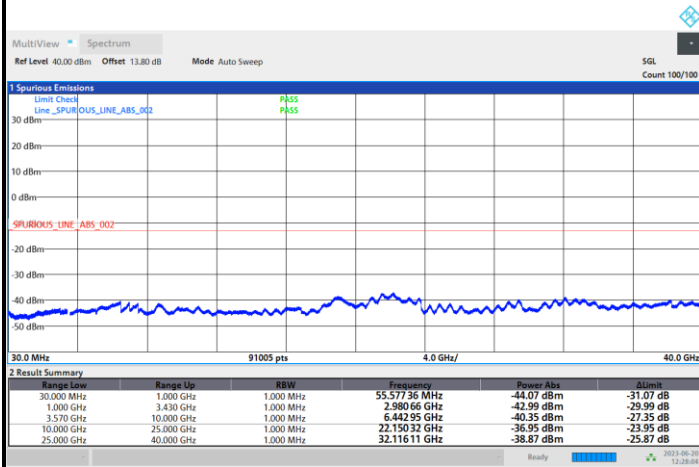




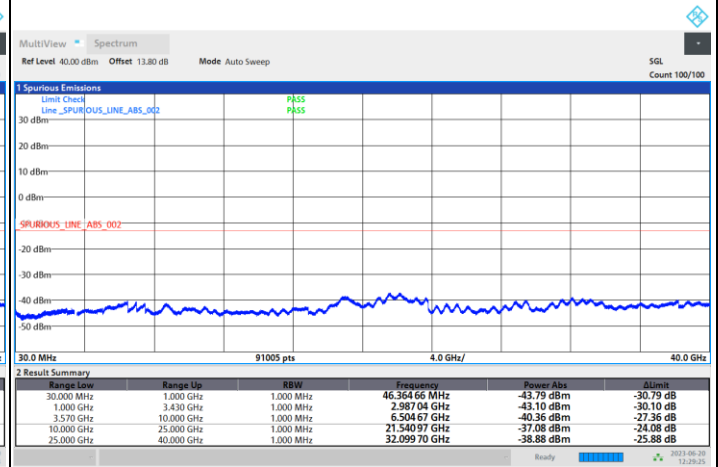
Conducted Spurious Emission

FR1 n77 / 10MHz / CP OFDM / QPSK / 1RB1

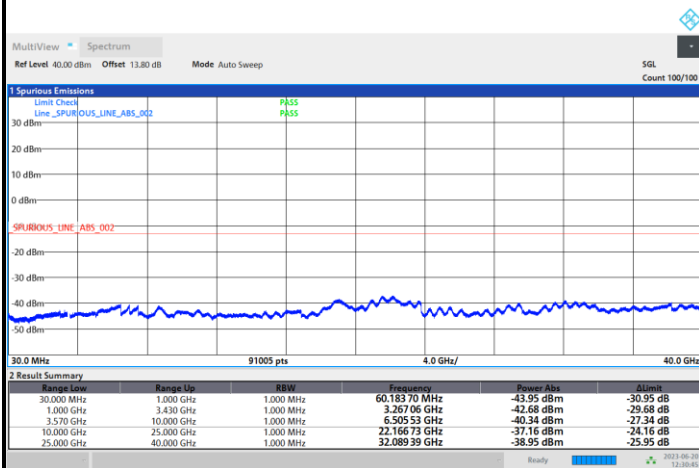
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0006	PASS
40	Normal Voltage	0.0113	
30	Normal Voltage	0.0018	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0159	
0	Normal Voltage	0.0108	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0124	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Ant. 3>

5G NR n77 HPUE

5G NR n77 / 90MHz / 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	6903	-43.54	-13	-30.54	-71.49	-51.73	1.84	12.19	H
	10355	-36.86	-13	-23.86	-70.87	-43.34	2.26	10.89	H
	13807	-29.85	-13	-16.85	-72.35	-37.62	2.64	12.55	H
	20710	-63.68	-13	-50.68	-76.38	-76.22	3.22	17.92	H
	24162	-60.78	-13	-47.78	-77.57	-73.34	3.78	18.50	H
	27614	-59.27	-13	-46.27	-78.95	-72.72	3.95	19.55	H
									H
	6903	-43.19	-13	-30.19	-71.64	-51.38	1.84	12.19	V
	10355	-38.24	-13	-25.24	-71.46	-44.72	2.26	10.89	V
	13807	-30.90	-13	-17.90	-72.38	-38.67	2.64	12.55	V
	20710	-64.02	-13	-51.02	-76.48	-76.56	3.22	17.92	V
	24162	-61.18	-13	-48.18	-77.61	-73.74	3.78	18.50	V
	27614	-59.77	-13	-46.77	-79.13	-73.22	3.95	19.55	V
									V



Middle	6913	-44.02	-13	-31.02	-71.98	-52.17	1.84	12.15	H
	10370	-37.48	-13	-24.48	-71.5	-43.95	2.26	10.88	H
	13827	-30.55	-13	-17.55	-72.97	-38.30	2.64	12.54	H
	20740	-63.89	-13	-50.89	-76.59	-76.42	3.22	17.90	H
	24197	-61.18	-13	-48.18	-78.05	-73.77	3.78	18.52	H
	27654	-58.29	-13	-45.29	-77.94	-71.75	3.95	19.56	H
									H
	6913	-43.63	-13	-30.63	-72.04	-51.78	1.84	12.15	V
	10370	-38.75	-13	-25.75	-72	-45.22	2.26	10.88	V
	13827	-31.47	-13	-18.47	-72.91	-39.22	2.64	12.54	V
	20740	-64.01	-13	-51.01	-76.47	-76.54	3.22	17.90	V
	24197	-61.35	-13	-48.35	-77.86	-73.94	3.78	18.52	V
	27654	-59.08	-13	-46.08	-78.41	-72.54	3.95	19.56	V
									V
Highest	6923	-43.78	-13	-30.78	-71.76	-51.89	1.84	12.11	H
	10385	-37.73	-13	-24.73	-71.76	-44.19	2.26	10.87	H
	13847	-30.15	-13	-17.15	-72.49	-37.88	2.64	12.52	H
	20770	-64.35	-13	-51.35	-77.05	-76.87	3.23	17.89	H
	24232	-60.79	-13	-47.79	-77.73	-73.40	3.78	18.54	H
	27694	-59.25	-13	-46.25	-78.88	-72.73	3.95	19.58	H
									H
	6923	-43.03	-13	-30.03	-71.42	-51.14	1.84	12.11	V
	10385	-38.35	-13	-25.35	-71.64	-44.81	2.26	10.87	V
	13847	-31.28	-13	-18.28	-72.69	-39.01	2.64	12.52	V
	20770	-64.66	-13	-51.66	-77.11	-77.18	3.23	17.89	V
	24232	-61.57	-13	-48.57	-78.16	-74.18	3.78	18.54	V
	27694	-59.37	-13	-46.37	-78.67	-72.85	3.95	19.58	V
									V

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

**EN-DC 2A-n77A**

EN-DC 2A-n77A / 10MHz+90MHz / QPSK+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	6903	-44.60	-13	-31.60	-72.55	-52.79	1.84	12.19	H
	10355	-38.10	-13	-25.10	-72.11	-44.58	2.26	10.89	H
	13807	-30.89	-13	-17.89	-73.39	-38.66	2.64	12.55	H
	20710	-64.41	-13	-51.41	-77.11	-76.95	3.22	17.92	H
	24162	-61.19	-13	-48.19	-77.98	-73.75	3.78	18.50	H
	27614	-59.49	-13	-46.49	-79.17	-72.94	3.95	19.55	H
									H
	6903	-44.17	-13	-31.17	-72.62	-52.36	1.84	12.19	V
	10355	-38.69	-13	-25.69	-71.91	-45.17	2.26	10.89	V
	13807	-31.52	-13	-18.52	-73	-39.29	2.64	12.55	V
	20710	-63.98	-13	-50.98	-76.44	-76.52	3.22	17.92	V
	24162	-60.96	-13	-47.96	-77.39	-73.52	3.78	18.50	V
	27614	-59.85	-13	-46.85	-79.21	-73.30	3.95	19.55	V
									V
Middle	6913	-44.08	-13	-31.08	-72.04	-52.23	1.84	12.15	H
	10370	-37.55	-13	-24.55	-71.57	-44.02	2.26	10.88	H
	13827	-30.64	-13	-17.64	-73.06	-38.39	2.64	12.54	H
	20740	-64.40	-13	-51.40	-77.1	-76.93	3.22	17.90	H
	24197	-61.24	-13	-48.24	-78.11	-73.83	3.78	18.52	H
	27654	-57.96	-13	-44.96	-77.61	-71.42	3.95	19.56	H
									H
	6913	-43.79	-13	-30.79	-72.2	-51.94	1.84	12.15	V
	10370	-38.50	-13	-25.50	-71.76	-44.97	2.26	10.88	V
	13827	-31.60	-13	-18.60	-73.04	-39.35	2.64	12.54	V
	20740	-64.20	-13	-51.20	-76.66	-76.73	3.22	17.90	V
	24197	-61.30	-13	-48.30	-77.81	-73.89	3.78	18.52	V
	27654	-58.98	-13	-45.98	-78.31	-72.44	3.95	19.56	V
									V



Highest	6923	-44.08	-13	-31.08	-72.06	-52.19	1.84	12.11	H
	10385	-37.37	-13	-24.37	-71.4	-43.83	2.26	10.87	H
	13847	-30.73	-13	-17.73	-73.07	-38.46	2.64	12.52	H
	20770	-64.47	-13	-51.47	-77.17	-76.99	3.23	17.89	H
	24232	-61.43	-13	-48.43	-78.37	-74.04	3.78	18.54	H
	27694	-59.30	-13	-46.30	-78.93	-72.78	3.95	19.58	H
									H
	6923	-43.87	-13	-30.87	-72.26	-51.98	1.84	12.11	V
	10385	-38.62	-13	-25.62	-71.91	-45.08	2.26	10.87	V
	13847	-32.03	-13	-19.03	-73.44	-39.76	2.64	12.52	V
	20770	-64.70	-13	-51.70	-77.15	-77.22	3.23	17.89	V
	24232	-61.48	-13	-48.48	-78.07	-74.09	3.78	18.54	V
	27694	-59.85	-13	-46.85	-79.15	-73.33	3.95	19.58	V
									V

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

EN-DC 5A-n77A

EN-DC 5A-n77A / 10MHz+90MHz / QPSK+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	6913	-43.93	-13	-30.93	-71.89	-52.08	1.84	12.15	H
	10370	-37.60	-13	-24.60	-71.62	-44.07	2.26	10.88	H
	13827	-29.65	-13	-16.65	-72.07	-37.40	2.64	12.54	H
	20740	-64.18	-13	-51.18	-76.88	-76.71	3.22	17.90	H
	24197	-60.90	-13	-47.90	-77.77	-73.49	3.78	18.52	H
	27654	-58.57	-13	-45.57	-78.22	-72.03	3.95	19.56	H
									H
	6913	-43.39	-13	-30.39	-71.8	-51.54	1.84	12.15	V
	10370	-38.56	-13	-25.56	-71.82	-45.03	2.26	10.88	V
	13827	-30.64	-13	-17.64	-72.08	-38.39	2.64	12.54	V
	20740	-64.62	-13	-51.62	-77.08	-77.15	3.22	17.90	V
	24197	-61.67	-13	-48.67	-78.18	-74.26	3.78	18.52	V
	27654	-58.76	-13	-45.76	-78.09	-72.22	3.95	19.56	V
									V

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

EN-DC 7A-n77A

EN-DC 7A-n77A / 10MHz+90MHz / QPSK+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	6913	-43.92	-13	-30.92	-71.88	-52.07	1.84	12.15	H
	10370	-37.73	-13	-24.73	-71.75	-44.20	2.26	10.88	H
	13827	-29.73	-13	-16.73	-72.15	-37.48	2.64	12.54	H
	20740	-63.65	-13	-50.65	-76.35	-76.18	3.22	17.90	H
	24197	-60.76	-13	-47.76	-77.63	-73.35	3.78	18.52	H
	27654	-58.84	-13	-45.84	-78.49	-72.30	3.95	19.56	H
									H
	6913	-43.43	-13	-30.43	-71.84	-51.58	1.84	12.15	V
	10370	-38.53	-13	-25.53	-71.79	-45.00	2.26	10.88	V
	13827	-31.06	-13	-18.06	-72.5	-38.81	2.64	12.54	V
	20740	-64.23	-13	-51.23	-76.69	-76.76	3.22	17.90	V
	24197	-61.85	-13	-48.85	-78.36	-74.44	3.78	18.52	V
	27654	-59.11	-13	-46.11	-78.44	-72.57	3.95	19.56	V
									V

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

EN-DC 12A-n77A

EN-DC 12A-n77A / 10MHz+90MHz / QPSK+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	6913	-43.94	-13	-30.94	-71.9	-52.09	1.84	12.15	H
	10370	-37.65	-13	-24.65	-71.67	-44.12	2.26	10.88	H
	13827	-29.84	-13	-16.84	-72.26	-37.59	2.64	12.54	H
	20740	-64.14	-13	-51.14	-76.84	-76.67	3.22	17.90	H
	24197	-61.59	-13	-48.59	-78.46	-74.18	3.78	18.52	H
	27654	-58.39	-13	-45.39	-78.04	-71.85	3.95	19.56	H
									H
	6913	-43.57	-13	-30.57	-71.98	-51.72	1.84	12.15	V
	10370	-38.35	-13	-25.35	-71.61	-44.82	2.26	10.88	V
	13827	-31.04	-13	-18.04	-72.48	-38.79	2.64	12.54	V
	20740	-64.58	-13	-51.58	-77.04	-77.11	3.22	17.90	V
	24197	-61.81	-13	-48.81	-78.32	-74.40	3.78	18.52	V
	27654	-58.89	-13	-45.89	-78.22	-72.35	3.95	19.56	V
									V

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

**EN-DC 13A-n77A**

EN-DC 13A-n77A / 10MHz+90MHz / QPSK+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	6913	-44.07	-13	-31.07	-72.03	-52.22	1.84	12.15	H
	10370	-37.70	-13	-24.70	-71.72	-44.17	2.26	10.88	H
	13827	-30.13	-13	-17.13	-72.55	-37.88	2.64	12.54	H
	20740	-63.74	-13	-50.74	-76.44	-76.27	3.22	17.90	H
	24197	-60.93	-13	-47.93	-77.8	-73.52	3.78	18.52	H
	27654	-58.93	-13	-45.93	-78.58	-72.39	3.95	19.56	H
									H
	6913	-42.97	-13	-29.97	-71.38	-51.12	1.84	12.15	V
	10370	-38.42	-13	-25.42	-71.68	-44.89	2.26	10.88	V
	13827	-31.04	-13	-18.04	-72.48	-38.79	2.64	12.54	V
	20740	-64.67	-13	-51.67	-77.13	-77.20	3.22	17.90	V
	24197	-61.76	-13	-48.76	-78.27	-74.35	3.78	18.52	V
	27654	-58.85	-13	-45.85	-78.18	-72.31	3.95	19.56	V
									V

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

EN-DC 14A-n77A

EN-DC 14A-n77A / 10MHz+90MHz / QPSK+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	6913	-44.00	-13	-31.00	-71.96	-52.15	1.84	12.15	H
	10370	-37.62	-13	-24.62	-71.64	-44.09	2.26	10.88	H
	13827	-30.07	-13	-17.07	-72.49	-37.82	2.64	12.54	H
	20740	-63.69	-13	-50.69	-76.39	-76.22	3.22	17.90	H
	24197	-60.87	-13	-47.87	-77.74	-73.46	3.78	18.52	H
	27654	-58.86	-13	-45.86	-78.51	-72.32	3.95	19.56	H
									H
	6913	-42.93	-13	-29.93	-71.34	-51.08	1.84	12.15	V
	10370	-72.42	-13	-59.42	-71.63	-78.89	2.26	10.88	V
	13827	-30.98	-13	-17.98	-72.42	-38.73	2.64	12.54	V
	20740	-64.63	-13	-51.63	-77.09	-77.16	3.22	17.90	V
	24197	-61.71	-13	-48.71	-78.22	-74.30	3.78	18.52	V
	27654	-58.79	-13	-45.79	-78.12	-72.25	3.95	19.56	V
									V

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

**EN-DC 41A-n77A**

EN-DC 41A-n77A / 10MHz+90MHz / QPSK+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	6913	-43.98	-13	-30.98	-71.94	-52.13	1.84	12.15	H
	10370	-37.33	-13	-24.33	-71.35	-43.80	2.26	10.88	H
	13827	-30.18	-13	-17.18	-72.6	-37.93	2.64	12.54	H
	20740	-64.51	-13	-51.51	-77.21	-77.04	3.22	17.90	H
	24197	-61.31	-13	-48.31	-78.18	-73.90	3.78	18.52	H
	27654	-58.71	-13	-45.71	-78.36	-72.17	3.95	19.56	H
									H
	6913	-43.65	-13	-30.65	-72.06	-51.80	1.84	12.15	V
	10370	-38.35	-13	-25.35	-71.61	-44.82	2.26	10.88	V
	13827	-31.30	-13	-18.30	-72.74	-39.05	2.64	12.54	V
	20740	-64.68	-13	-51.68	-77.14	-77.21	3.22	17.90	V
	24197	-61.94	-13	-48.94	-78.45	-74.53	3.78	18.52	V
	27654	-58.64	-13	-45.64	-77.97	-72.10	3.95	19.56	V
									V

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

**EN-DC 66A-n77A**

EN-DC 66A-n77A / 10MHz+90MHz / QPSK+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	6913	-44.05	-13	-31.05	-72.01	-52.20	1.84	12.15	H
	10370	-37.29	-13	-24.29	-71.31	-43.76	2.26	10.88	H
	13827	-30.06	-13	-17.06	-72.48	-37.81	2.64	12.54	H
	20740	-64.60	-13	-51.60	-77.3	-77.13	3.22	17.90	H
	24197	-61.55	-13	-48.55	-78.42	-74.14	3.78	18.52	H
	27654	-58.28	-13	-45.28	-77.93	-71.74	3.95	19.56	H
									H
	6913	-43.64	-13	-30.64	-72.05	-51.79	1.84	12.15	V
	10370	-38.20	-13	-25.20	-71.46	-44.67	2.26	10.88	V
	13827	-31.39	-13	-18.39	-72.83	-39.14	2.64	12.54	V
	20740	-64.59	-13	-51.59	-77.05	-77.12	3.22	17.90	V
	24197	-61.98	-13	-48.98	78.49	-74.57	3.78	18.52	V
	27654	-58.57	-13	-45.57	-77.9	-72.03	3.95	19.56	V
									V

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

**EN-DC 4A-n78A**

EN-DC 4A-n78A / 10MHz+90MHz / QPSK+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	6913	-44.07	-13	-31.07	-72.03	-52.22	1.84	12.15	H
	10370	-37.17	-13	-24.17	-71.19	-43.64	2.26	10.88	H
	13827	-30.20	-13	-17.20	-72.62	-37.95	2.64	12.54	H
	20740	-64.45	-13	-51.45	-77.15	-76.98	3.22	17.90	H
	24197	-61.54	-13	-48.54	-78.41	-74.13	3.78	18.52	H
	27654	-58.64	-13	-45.64	-78.29	-72.10	3.95	19.56	H
									H
	6913	-43.39	-13	-30.39	-71.8	-51.54	1.84	12.15	V
	10370	-38.52	-13	-25.52	-71.78	-44.99	2.26	10.88	V
	13827	-31.35	-13	-18.35	-72.79	-39.10	2.64	12.54	V
	20740	-64.68	-13	-51.68	-77.14	-77.21	3.22	17.90	V
	24197	-61.97	-13	-48.97	-78.48	-74.56	3.78	18.52	V
	27654	-58.04	-13	-45.04	-77.37	-71.50	3.95	19.56	V
									V

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

**EN-DC 71A-n78A**

EN-DC 71A-n78A / 10MHz+90MHz / QPSK+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	6913	-43.80	-13	-30.80	-71.76	-51.95	1.84	12.15	H
	10370	-37.60	-13	-24.60	-71.62	-44.07	2.26	10.88	H
	13827	-30.10	-13	-17.10	-72.52	-37.85	2.64	12.54	H
	20740	-64.74	-13	-51.74	-77.44	-77.27	3.22	17.90	H
	24197	-61.10	-13	-48.10	-77.97	-73.69	3.78	18.52	H
	27654	-57.94	-13	-44.94	-77.59	-71.40	3.95	19.56	H
									H
	6913	-43.23	-13	-30.23	-71.64	-51.38	1.84	12.15	V
	10370	-38.26	-13	-25.26	-71.52	-44.73	2.26	10.88	V
	13827	-31.05	-13	-18.05	-72.49	-38.80	2.64	12.54	V
	20740	-64.16	-13	-51.16	-76.62	-76.69	3.22	17.90	V
	24197	-61.47	-13	-48.47	-77.98	-74.06	3.78	18.52	V
	27654	-58.87	-13	-45.87	-78.2	-72.33	3.95	19.56	V
									V

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



<SRS Antenna>

<Ant. 0>

5G NR n77

5G NR n77 / 90MHz / 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	6913	-43.77	-13	-30.77	-71.73	-51.92	1.84	12.15	H
	10370	-37.52	-13	-24.52	-71.54	-43.99	2.26	10.88	H
	13827	-30.09	-13	-17.09	-72.51	-37.84	2.64	12.54	H
	20740	-64.15	-13	-51.15	-76.85	-76.68	3.22	17.90	H
	24197	-61.62	-13	-48.62	-78.49	-74.21	3.78	18.52	H
	27654	-58.64	-13	-45.64	-78.29	-72.10	3.95	19.56	H
									H
	6913	-43.30	-13	-30.30	-71.71	-51.45	1.84	12.15	V
	10370	-38.18	-13	-25.18	-71.44	-44.65	2.26	10.88	V
	13827	-31.11	-13	-18.11	-72.55	-38.86	2.64	12.54	V
	20740	-63.86	-13	-50.86	-76.32	-76.39	3.22	17.90	V
	24197	-61.55	-13	-48.55	-78.06	-74.14	3.78	18.52	V
	27654	-58.75	-13	-45.75	-78.08	-72.21	3.95	19.56	V
									V

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



<Ant. 1>

5G NR n77

5G NR n77 / 90MHz / 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	6913	-43.83	-13	-30.83	-71.79	-51.98	1.84	12.15	H
	10370	-37.29	-13	-24.29	-71.31	-43.76	2.26	10.88	H
	13827	-29.80	-13	-16.80	-72.22	-37.55	2.64	12.54	H
	20740	-64.84	-13	-51.84	-77.54	-77.37	3.22	17.90	H
	24197	-61.15	-13	-48.15	-78.02	-73.74	3.78	18.52	H
	27654	-58.66	-13	-45.66	-78.31	-72.12	3.95	19.56	H
									H
	6913	-43.15	-13	-30.15	-71.56	-51.30	1.84	12.15	V
	10370	-38.24	-13	-25.24	-72.5	-44.71	2.26	10.88	V
	13827	-31.11	-13	-18.11	-72.55	-38.86	2.64	12.54	V
	20740	-64.66	-13	-51.66	-77.12	-77.19	3.22	17.90	V
	24197	-61.75	-13	-48.75	-78.26	-74.34	3.78	18.52	V
	27654	-58.94	-13	-45.94	-78.27	-72.40	3.95	19.56	V
									V

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



<Ant. 2>

5G NR n77

5G NR n77 / 90MHz / 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	6913	-43.77	-13	-30.77	-71.73	-51.92	1.84	12.15	H
	10370	-37.33	-13	-24.33	-71.35	-43.80	2.26	10.88	H
	13827	-30.31	-13	-17.31	-72.73	-38.06	2.64	12.54	H
	20740	-64.15	-13	-51.15	-76.85	-76.68	3.22	17.90	H
	24197	-61.46	-13	-48.46	-78.33	-74.05	3.78	18.52	H
	27654	-58.38	-13	-45.38	-78.03	-71.84	3.95	19.56	H
									H
	6913	-43.41	-13	-30.41	-71.82	-51.56	1.84	12.15	V
	10370	-38.12	-13	-25.12	-71.38	-44.59	2.26	10.88	V
	13827	-31.23	-13	-18.23	-72.67	-38.98	2.64	12.54	V
	20740	-64.77	-13	-51.77	-77.23	-77.30	3.22	17.90	V
	24197	-61.83	-13	-48.83	-78.34	-74.42	3.78	18.52	V
	27654	-58.54	-13	-45.54	-77.87	-72.00	3.95	19.56	V
									V

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

**MIMO<Ant. 3+1>****5G NR n77**

5G NR n77 / 90MHz / QPSK									
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	6903	-44.09	-13	-31.09	-72.04	-52.28	1.84	12.19	H
	10355	-37.51	-13	-24.51	-71.52	-43.99	2.26	10.89	H
	13807	-29.98	-13	-16.98	-72.48	-37.75	2.64	12.55	H
	20710	-63.71	-13	-50.71	-76.41	-76.25	3.22	17.92	H
	24162	-60.47	-13	-47.47	-77.26	-73.03	3.78	18.50	H
	27614	-59.45	-13	-46.45	-79.13	-72.90	3.95	19.55	H
									H
	6903	-43.49	-13	-30.49	-71.94	-51.68	1.84	12.19	V
	10355	-38.35	-13	-25.35	-71.57	-44.83	2.26	10.89	V
	13807	-31.66	-13	-18.66	-73.14	-39.43	2.64	12.55	V
	20710	-64.06	-13	-51.06	-76.52	-76.60	3.22	17.92	V
	24162	-61.23	-13	-48.23	-77.66	-73.79	3.78	18.50	V
	27614	-59.73	-13	-46.73	-79.09	-73.18	3.95	19.55	V
									V



Middle	6913	-43.98	-13	-30.98	-71.94	-52.13	1.84	12.15	H
	10370	-37.70	-13	-24.70	-71.72	-44.17	2.26	10.88	H
	13827	-30.52	-13	-17.52	-72.94	-38.27	2.64	12.54	H
	20740	-64.28	-13	-51.28	-76.98	-76.81	3.22	17.90	H
	24197	-61.06	-13	-48.06	-77.93	-73.65	3.78	18.52	H
	27654	-58.44	-13	-45.44	-78.09	-71.90	3.95	19.56	H
									H
	6913	-43.69	-13	-30.69	-72.1	-51.84	1.84	12.15	V
	10370	-38.48	-13	-25.48	-71.74	-44.95	2.26	10.88	V
	13827	-31.28	-13	-18.28	-72.72	-39.03	2.64	12.54	V
	20740	-64.11	-13	-51.11	-76.57	-76.64	3.22	17.90	V
	24197	-61.42	-13	-48.42	-77.93	-74.01	3.78	18.52	V
	27654	-58.89	-13	-45.89	-78.22	-72.35	3.95	19.56	V
									V
Highest	6923	-43.94	-13	-30.94	-71.92	-52.05	1.84	12.11	H
	10385	-37.85	-13	-24.85	-71.88	-44.31	2.26	10.87	H
	13847	-30.67	-13	-17.67	-73.01	-38.40	2.64	12.52	H
	20770	-64.00	-13	-51.00	-76.7	-76.52	3.23	17.89	H
	24232	-60.97	-13	-47.97	-77.91	-73.58	3.78	18.54	H
	27694	-59.25	-13	-46.25	-78.88	-72.73	3.95	19.58	H
									H
	6923	-43.58	-13	-30.58	-71.97	-51.69	1.84	12.11	V
	10385	-38.54	-13	-25.54	-71.83	-45.00	2.26	10.87	V
	13847	-31.58	-13	-18.58	-72.99	-39.31	2.64	12.52	V
	20770	-64.57	-13	-51.57	-77.02	-77.09	3.23	17.89	V
	24232	-61.87	-13	-48.87	-78.46	-74.48	3.78	18.54	V
	27694	-59.50	-13	-46.50	-78.8	-72.98	3.95	19.58	V
									V

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

—————THE END—————