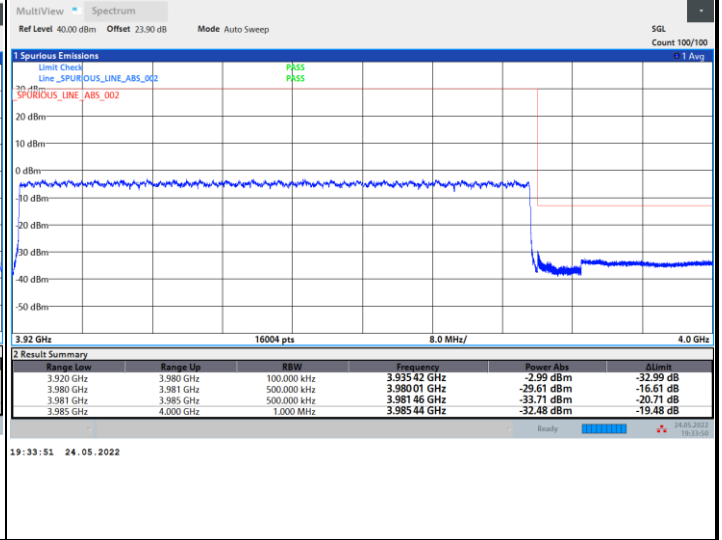
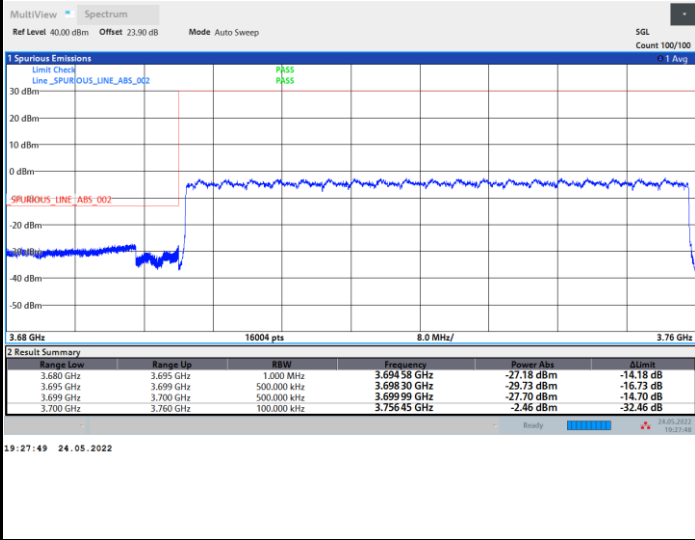




FR1 n77 / 60MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

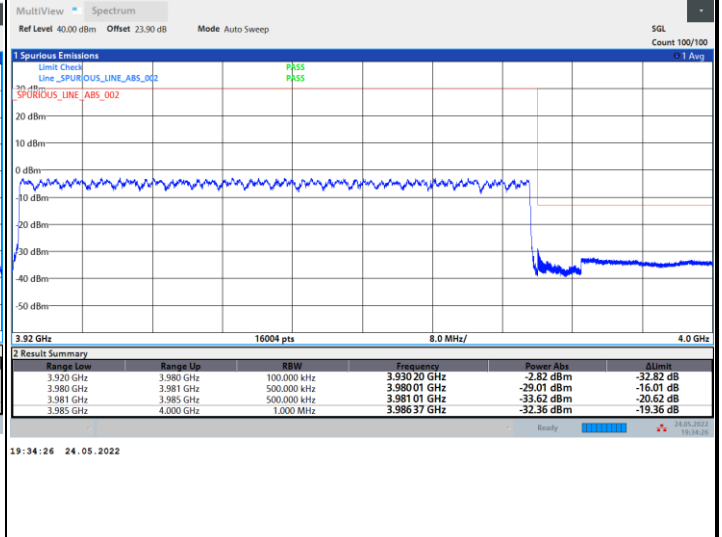
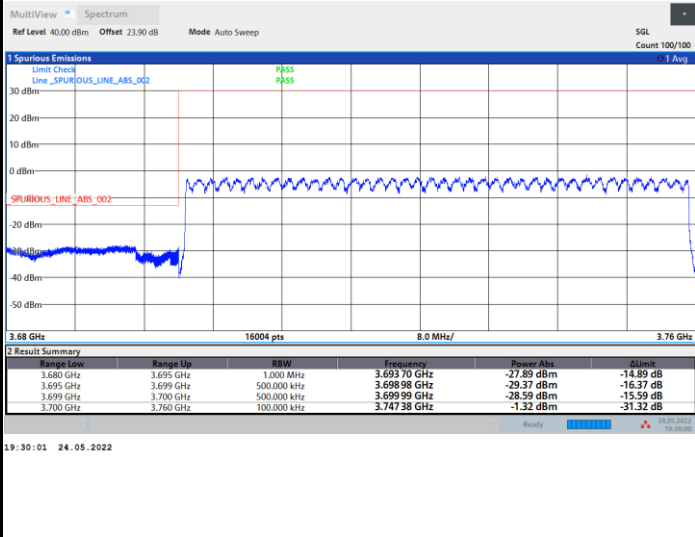
Highest Band Edge / Full RB



FR1 n77 / 60MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

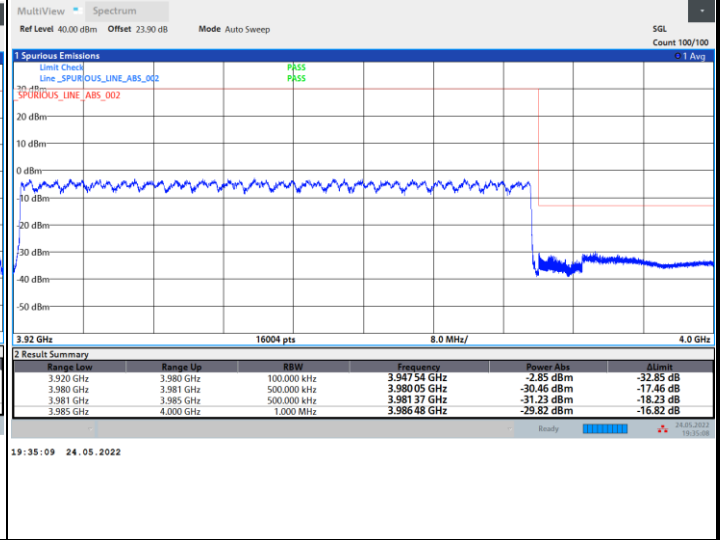
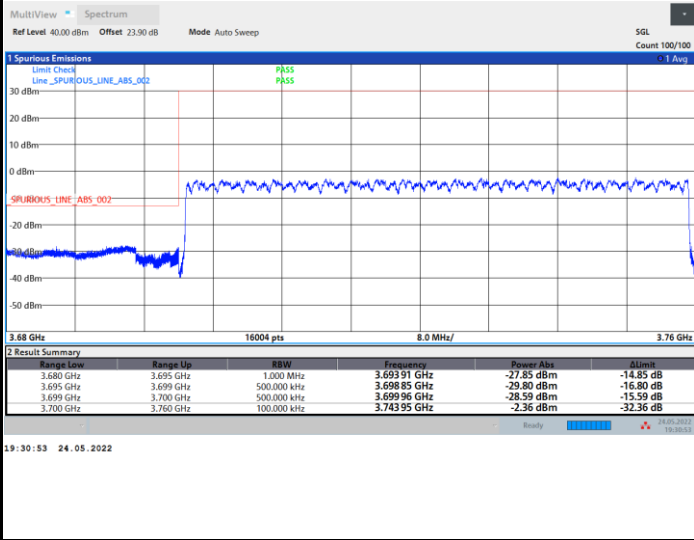




FR1 n77 / 60MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

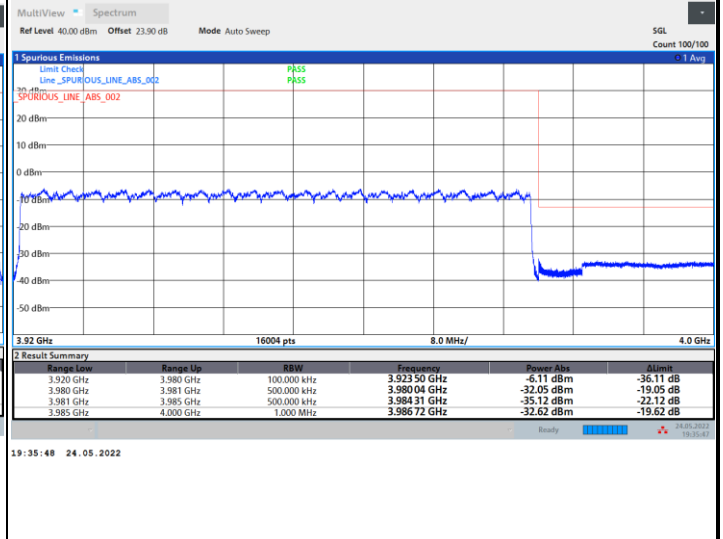
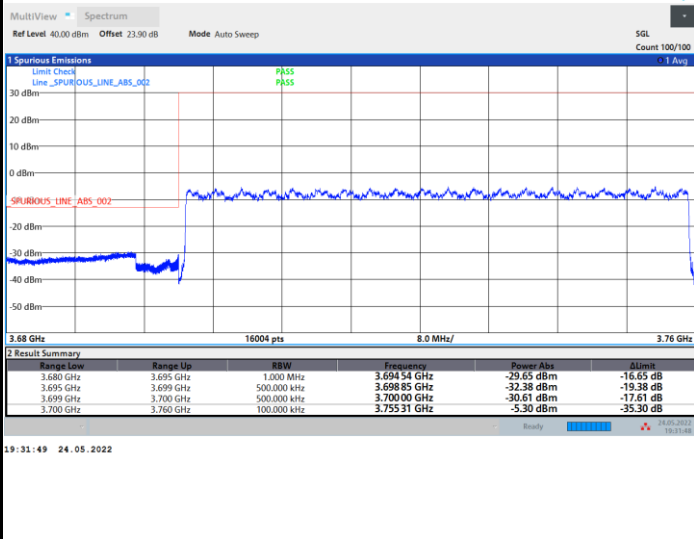
Highest Band Edge / Full RB



FR1 n77 / 60MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

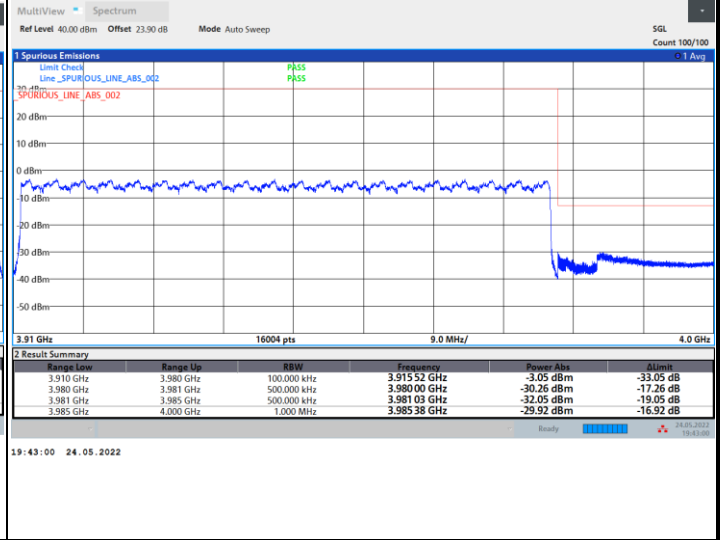
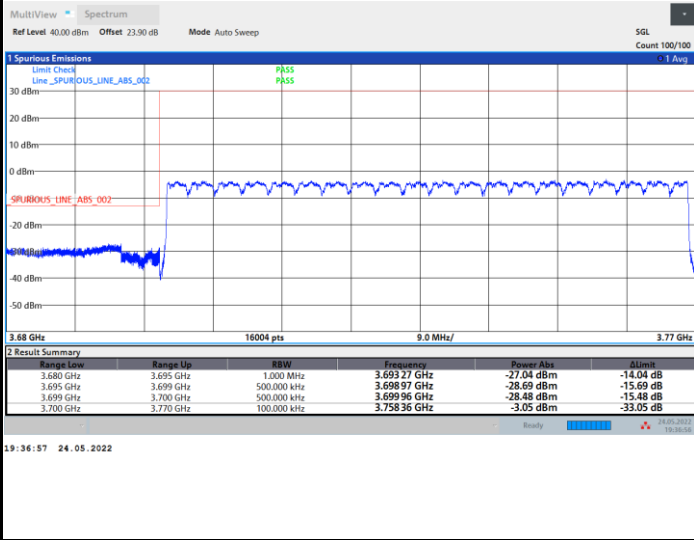




FR1 n77 / 70MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

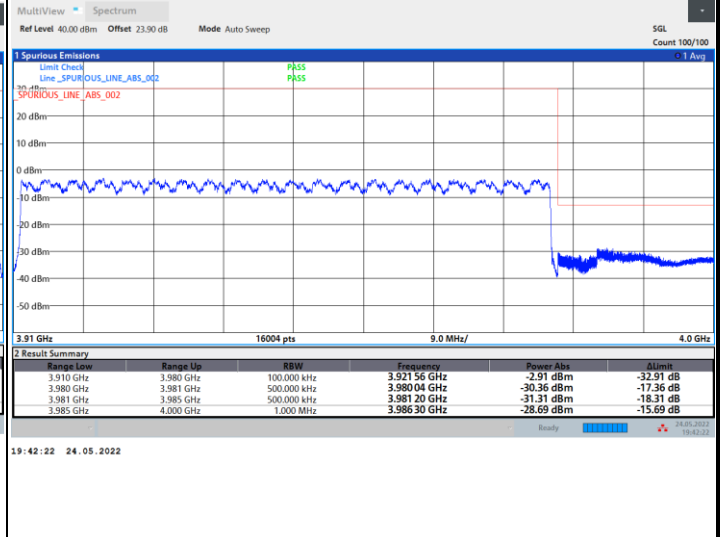
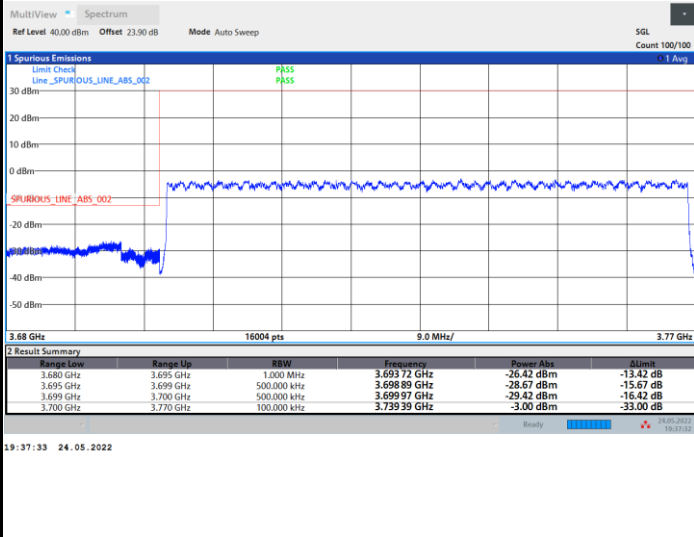
Highest Band Edge / Full RB



FR1 n77 / 70MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

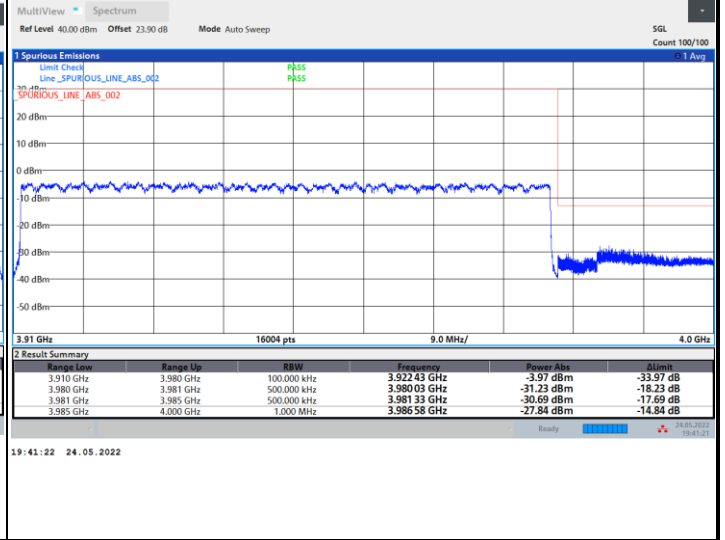
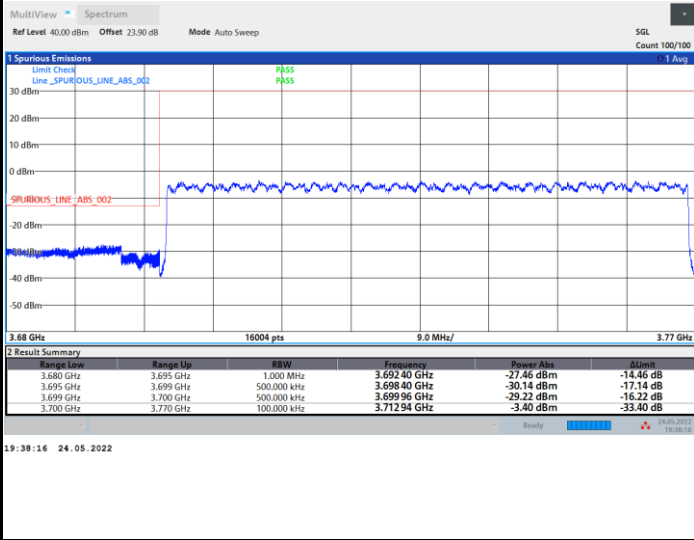




FR1 n77 / 70MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

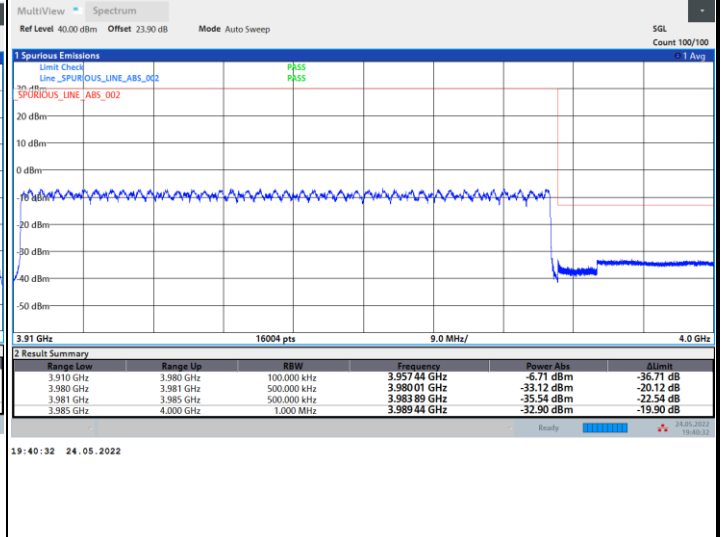
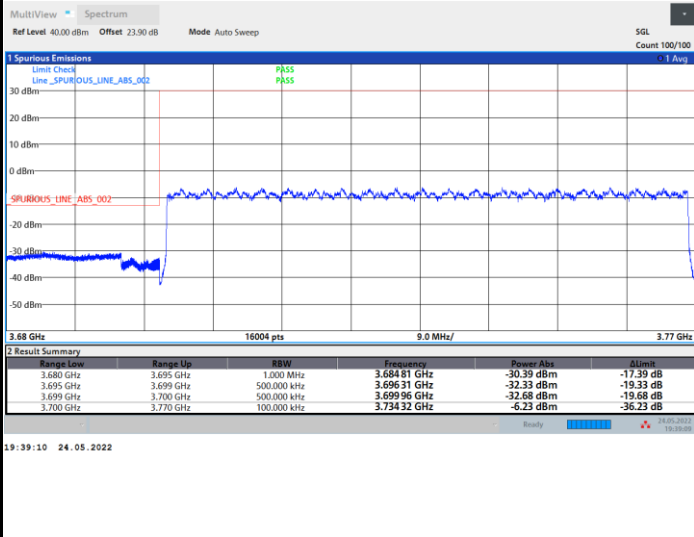
Highest Band Edge / Full RB



FR1 n77 / 70MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

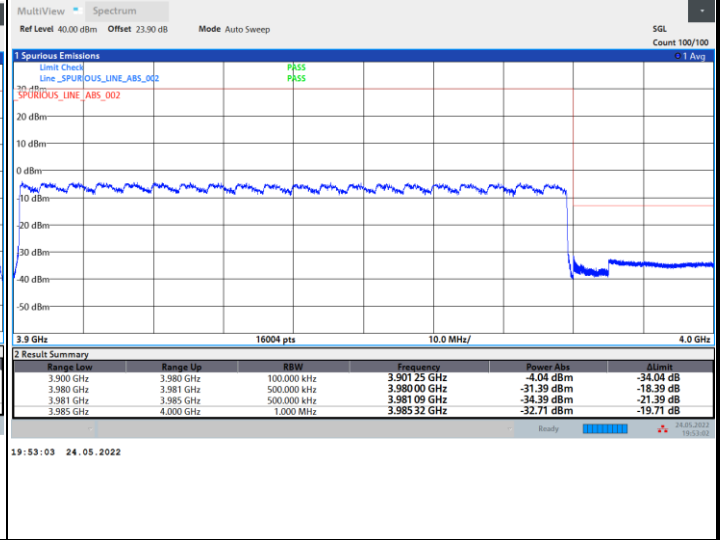
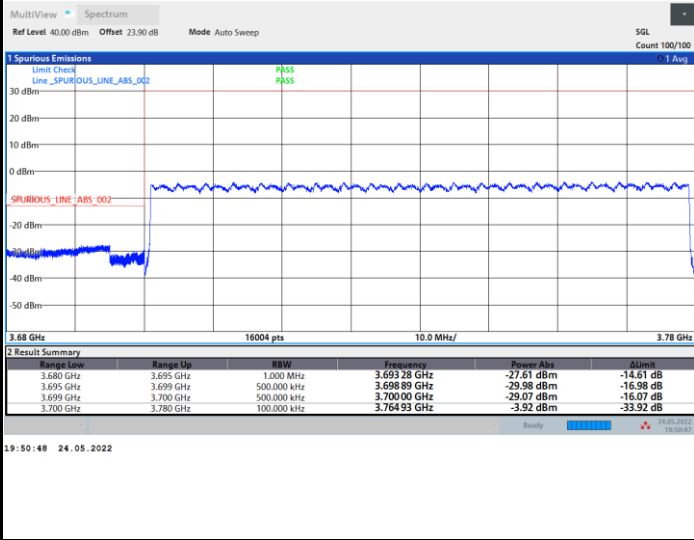




FR1 n77 / 80MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

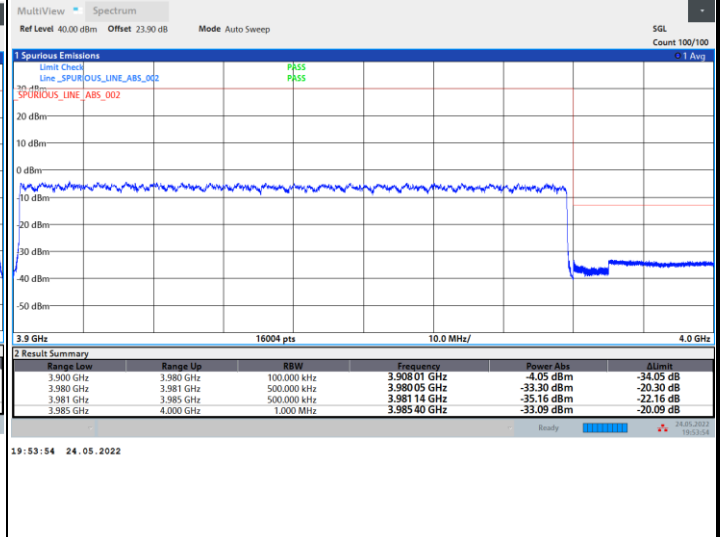
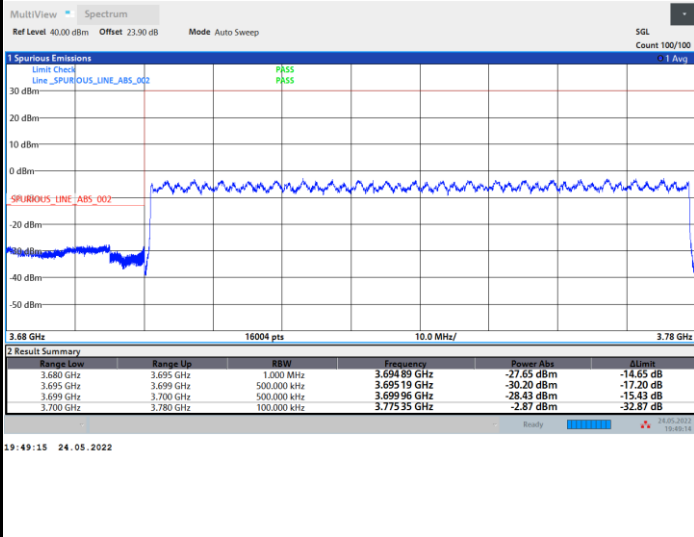
Highest Band Edge / Full RB



FR1 n77 / 80MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

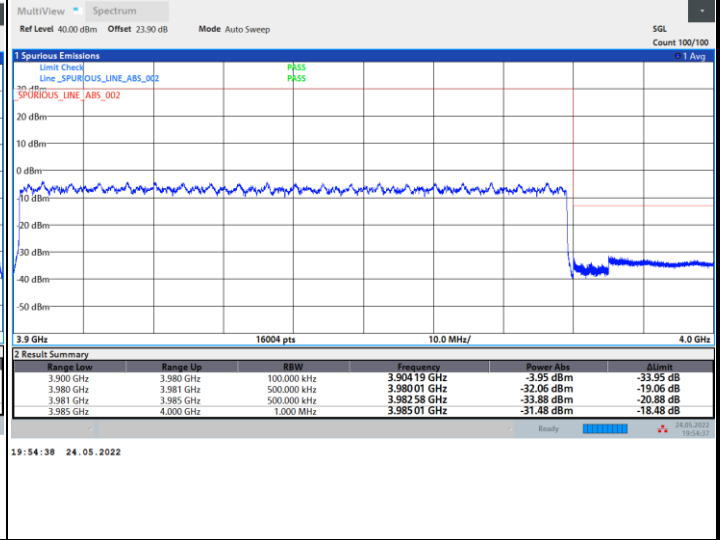
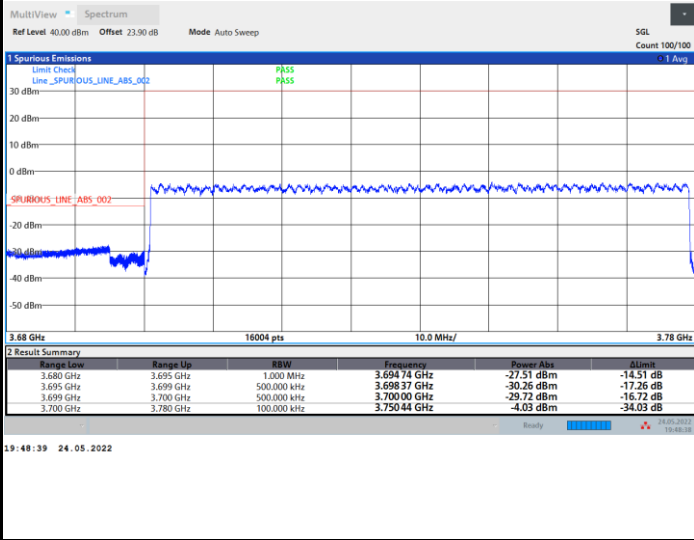




FR1 n77 / 80MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

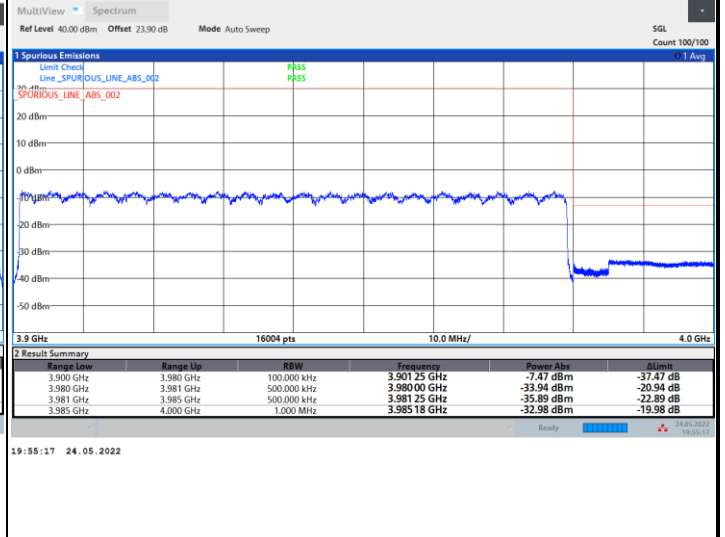
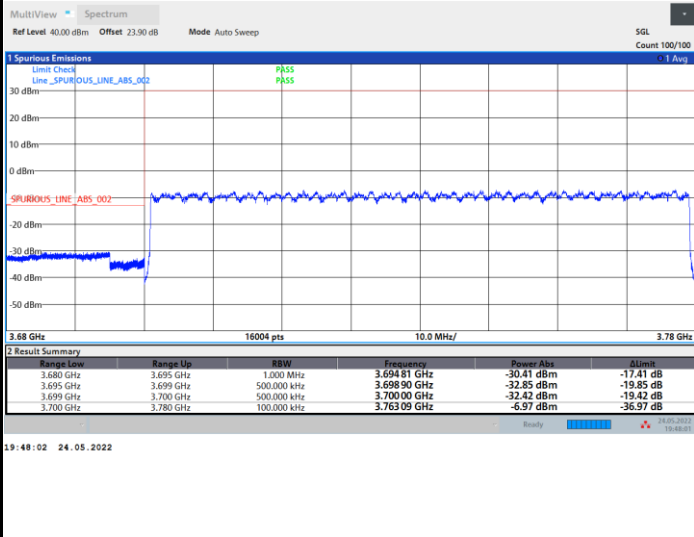
Highest Band Edge / Full RB



FR1 n77 / 80MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

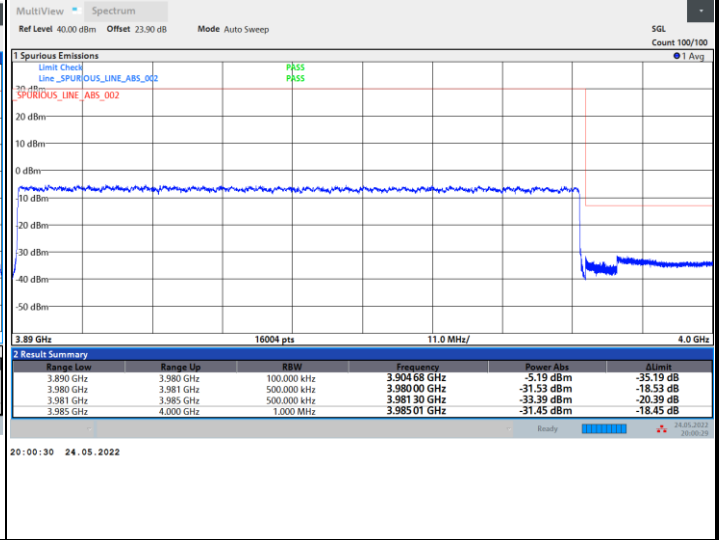
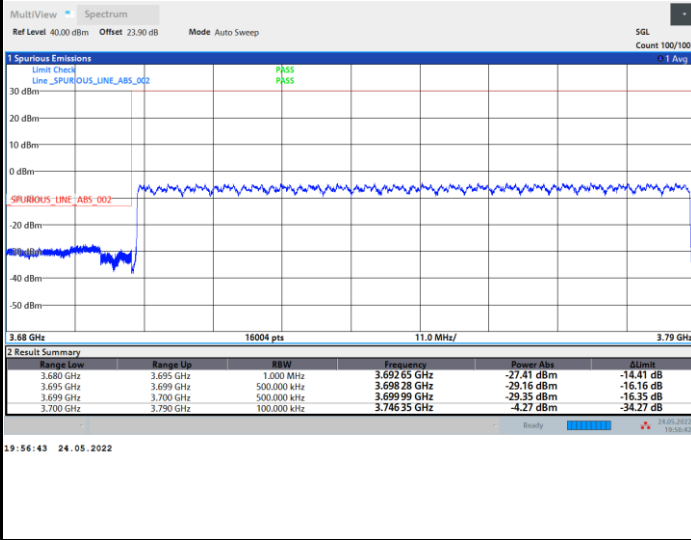




FR1 n77 / 90MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

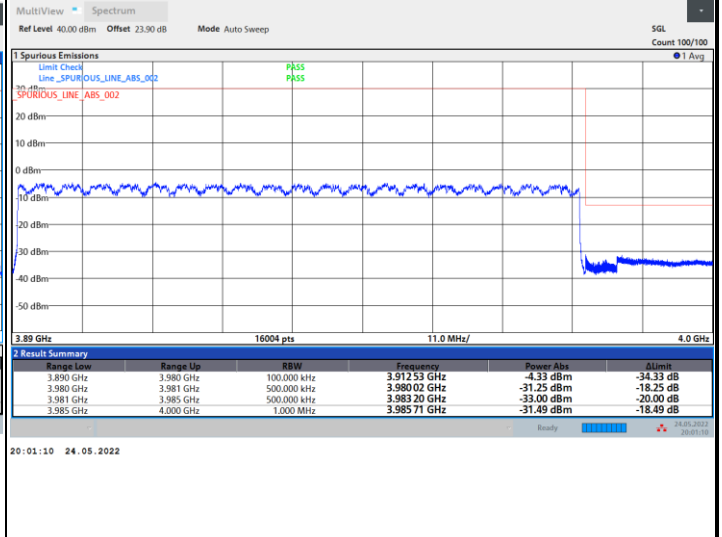
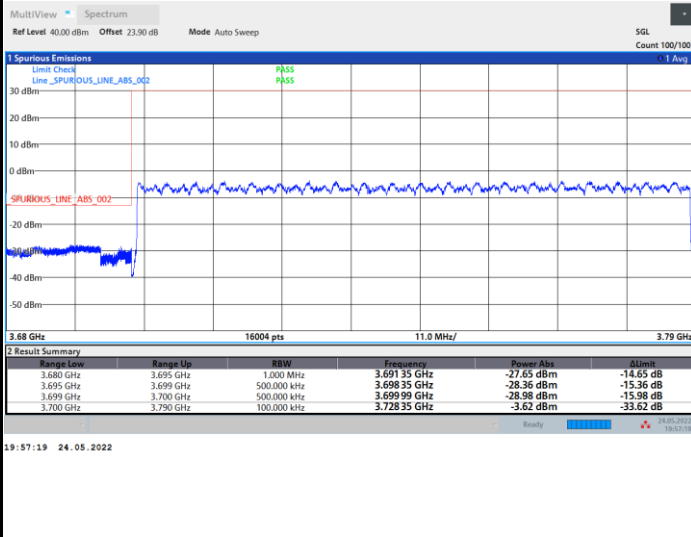
Highest Band Edge / Full RB



FR1 n77 / 90MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

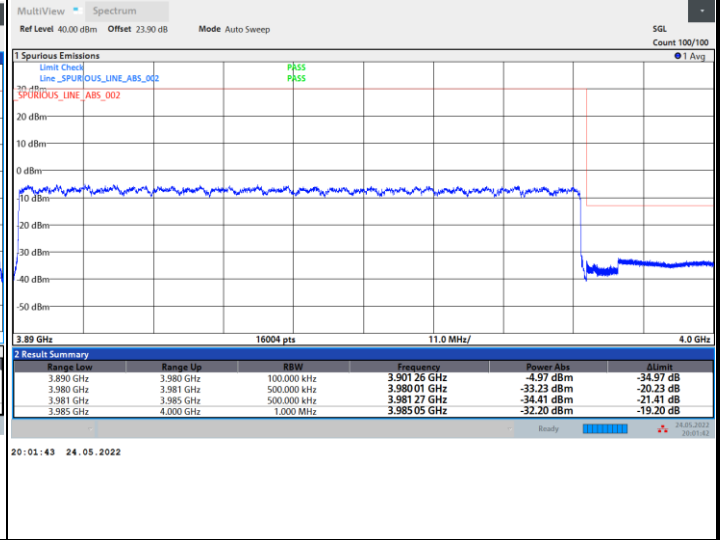
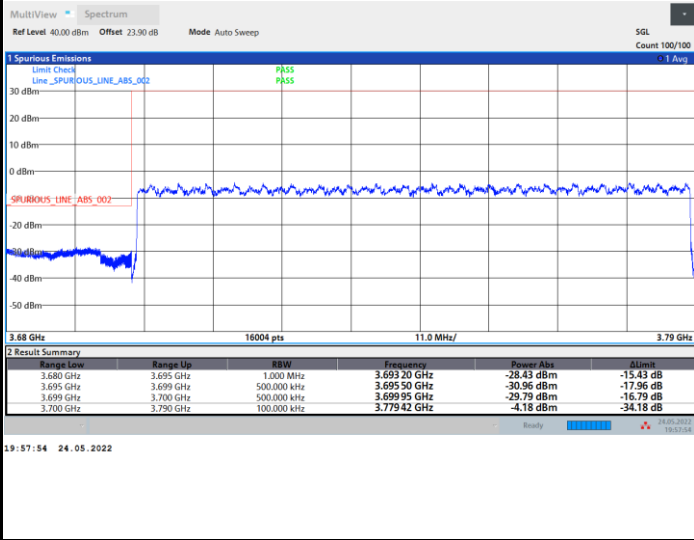




FR1 n77 / 90MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

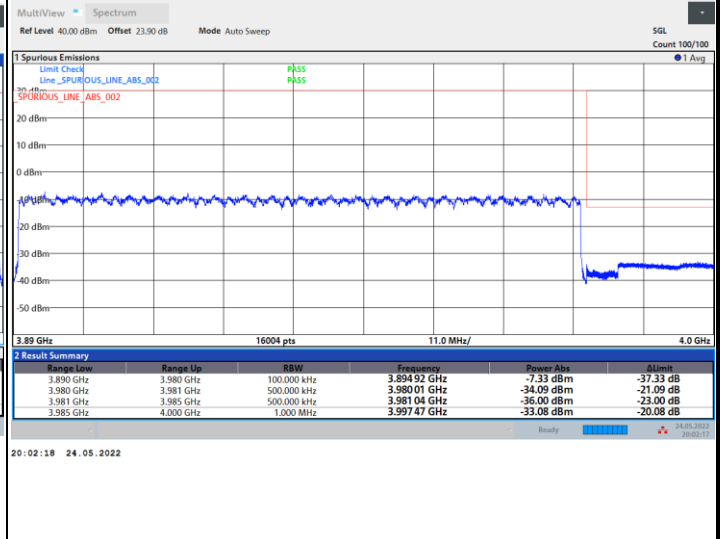
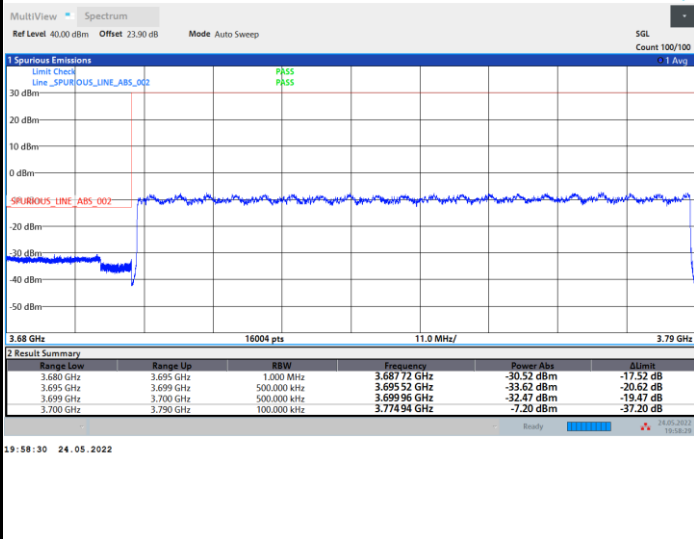
Highest Band Edge / Full RB



FR1 n77 / 90MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

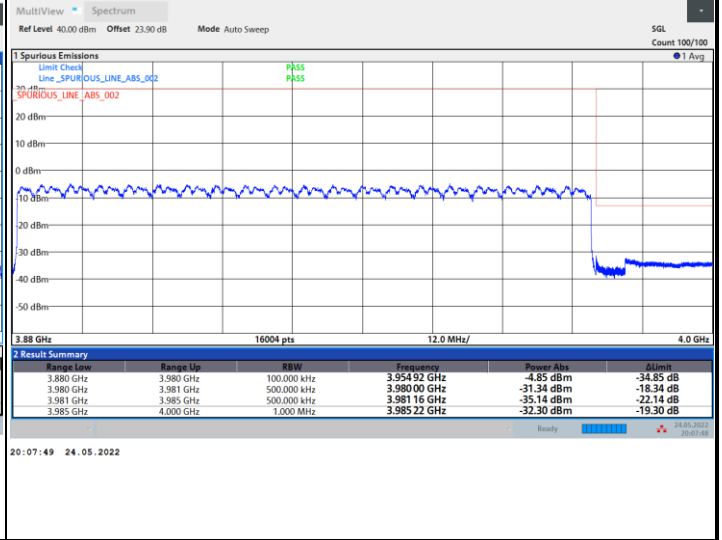
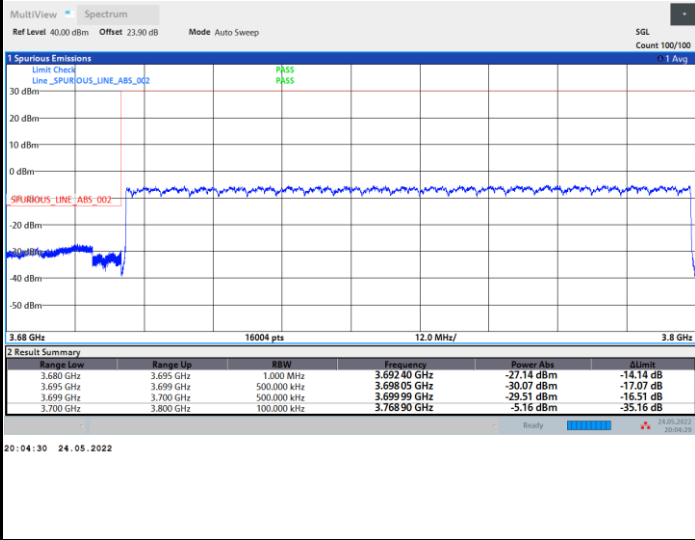




FR1 n77 / 100MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

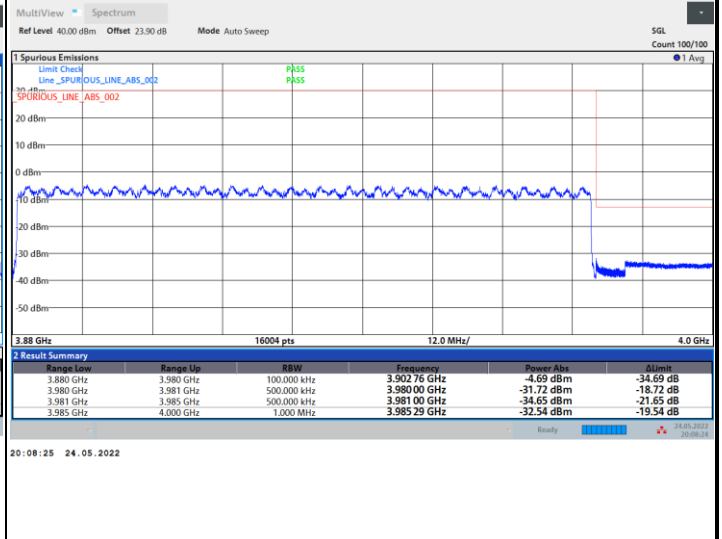
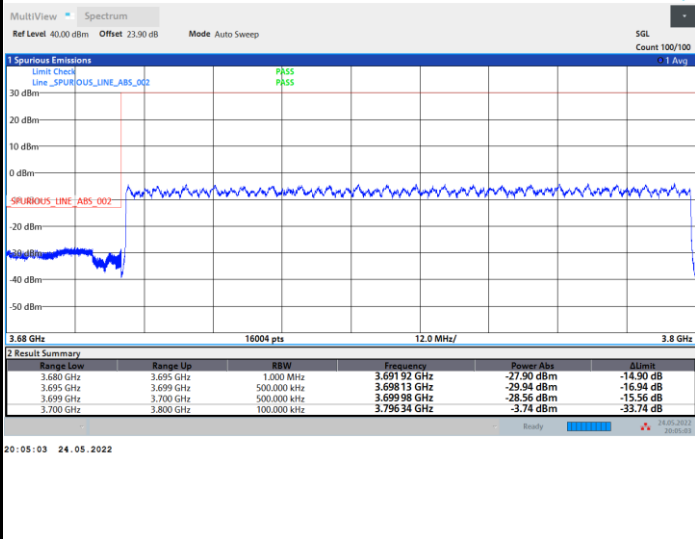
Highest Band Edge / Full RB



FR1 n77 / 100MHz / CP OFDM / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

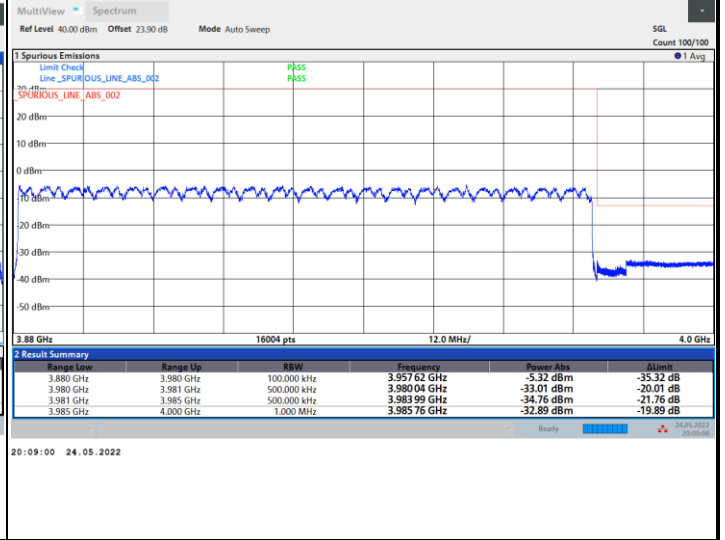
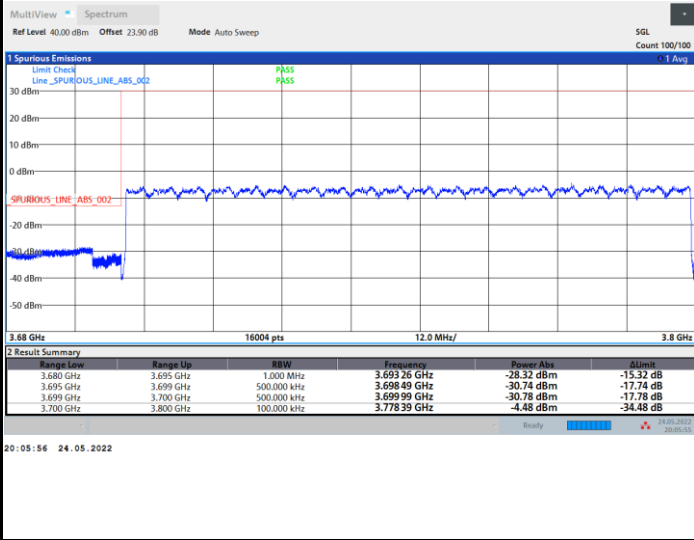




FR1 n77 / 100MHz / CP OFDM / 64QAM

Lowest Band Edge / Full RB

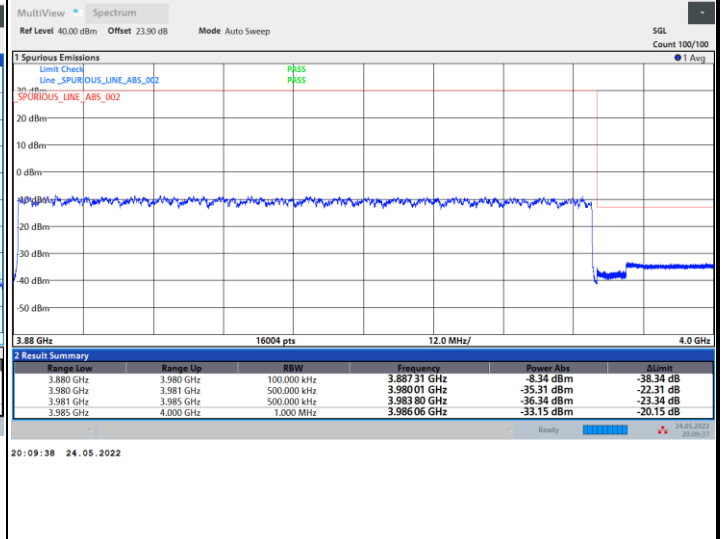
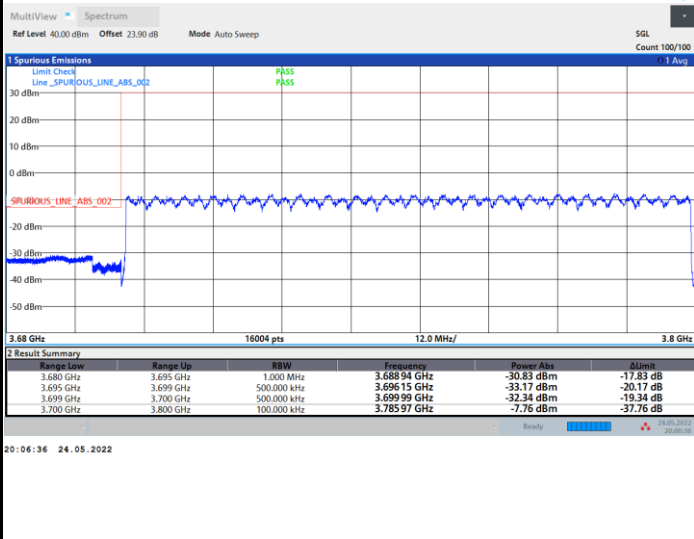
Highest Band Edge / Full RB



FR1 n77 / 100MHz / CP OFDM / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



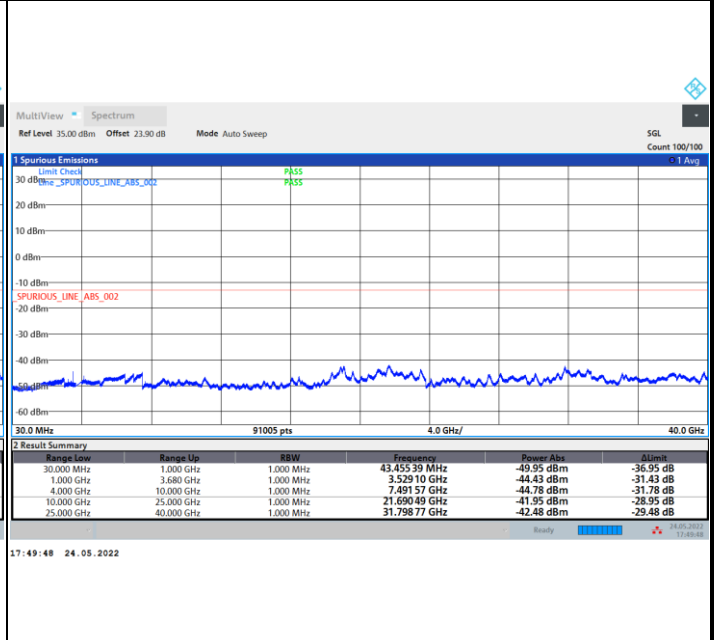
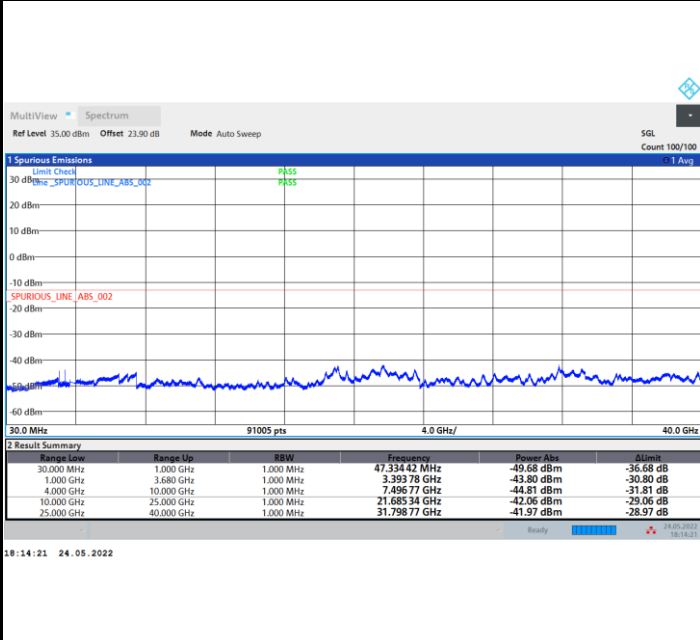


Conducted Spurious Emission

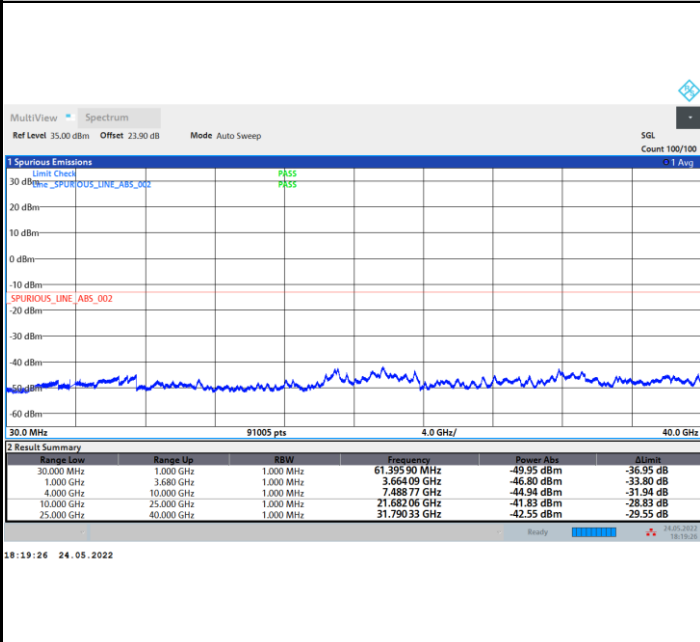
FR1 n77 / 10MHz / CP OFDM / QPSK / 1RB1

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	0.0001	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

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> + <Ant. 4>

EN-DC 2A-n77A

EN-DC 2A-n77A / 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	7402	-29.27	-13	-16.27	-60.19	-36.58	1.94	11.40	H
	11103	-35.32	-13	-22.32	-72.18	-41.55	2.24	10.62	H
	14805	-28.24	-13	-15.24	-71.28	-36.28	2.58	12.77	H
	22207	-59.49	-13	-46.49	-75.22	-72.68	3.52	18.86	H
	25908	-53.79	-13	-40.79	-72.61	-66.80	3.92	19.08	H
	29610	-54.91	-13	-41.91	-76.2	-68.35	3.98	19.57	H
									H
	7402	-29.84	-13	-16.84	-60.85	-37.15	1.94	11.40	V
	11103	-35.36	-13	-22.36	-72.17	-41.59	2.24	10.62	V
	14805	-26.93	-13	-13.93	-71.08	-34.97	2.58	12.77	V
	22207	-60.02	-13	-47.02	-75.35	-73.21	3.52	18.86	V
	25908	-55.07	-13	-42.07	-73.58	-68.08	3.92	19.08	V
	29610	-55.14	-13	-42.14	-76.21	-68.58	3.98	19.57	V
									V



Middle	7582	-33.72	-13	-20.72	-64.25	-41.20	1.90	11.53	H
	11373	-34.67	-13	-21.67	-71.82	-41.12	2.35	10.95	H
	15165	-28.62	-13	-15.62	-70.97	-37.79	2.60	13.93	H
	18956	-61.99	-13	-48.99	-73.56	-73.73	3.26	17.14	H
	22747	-53.35	-13	-40.35	-69.88	-66.35	3.55	18.70	H
	26538	-42.94	-13	-29.94	-62.63	-55.51	3.93	18.65	H
									H
	7582	-35.20	-13	-22.20	65.9	-42.68	1.90	11.53	V
	11373	-34.14	-13	-21.14	-71.36	-40.59	2.35	10.95	V
	15165	-27.61	-13	-14.61	-71.04	-36.78	2.60	13.93	V
	18956	-58.70	-13	-45.70	-70.04	-70.44	3.26	17.14	V
	22747	-57.20	-13	-44.20	-73.35	-70.20	3.55	18.70	V
	26538	-42.71	-13	-29.71	-62.01	-55.28	3.93	18.65	V
									V
Highest	7762	-34.59	-13	-21.59	-65.34	-42.24	1.88	11.68	H
	11643	-31.65	-13	-18.65	-69.61	-38.65	2.46	11.61	H
	15525	-29.68	-13	-16.68	-70.58	-40.30	2.70	15.47	H
	19406	-60.79	-13	-47.79	-73.1	-72.84	3.23	17.42	H
	23287	-55.86	-13	-42.86	-72.97	-68.73	3.63	18.66	H
	27168	-40.78	-13	-27.78	-61.35	-54.07	3.93	19.37	H
									H
	7762	-35.60	-13	-22.60	-66.62	-43.25	1.88	11.68	V
	11643	-31.08	-13	-18.08	-68.96	-38.08	2.46	11.61	V
	15525	-29.50	-13	-16.50	-70.67	-40.12	2.70	15.47	V
	19406	-57.72	-13	-44.72	-69.77	-69.77	3.23	17.42	V
	23287	-50.75	-13	-37.75	-67.53	-63.62	3.63	18.66	V
	27168	-42.03	-13	-29.03	-62.24	-55.32	3.93	19.37	V
									V

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



EN-DC 5A-n77A

EN-DC 5A-n77A / 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)
Middle	7582	-34.76	-13	-21.76	-65.29	-42.24	1.90	11.53	H
	11373	-34.83	-13	-21.83	-71.98	-41.28	2.35	10.95	H
	15165	-28.41	-13	-15.41	-70.76	-37.58	2.60	13.93	H
	18956	-60.79	-13	-47.79	-72.36	-72.53	3.26	17.14	H
	22747	-54.84	-13	-41.84	-71.37	-67.84	3.55	18.70	H
	26538	-42.61	-13	-29.61	-62.3	-55.18	3.93	18.65	H
									H
	7582	-34.09	-13	-21.09	-64.79	-41.57	1.90	11.53	V
	11373	-34.09	-13	-21.09	-71.31	-40.54	2.35	10.95	V
	15165	-27.39	-13	-14.39	-70.82	-36.56	2.60	13.93	V
	18956	-59.74	-13	-46.74	-71.08	-71.48	3.26	17.14	V
	22747	-55.81	-13	-42.81	-71.96	-68.81	3.55	18.70	V
	26538	-44.99	-13	-31.99	-64.29	-57.56	3.93	18.65	V
									V

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



EN-DC 7A-n77A

EN-DC 7A-n77A / 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)
Middle	7582	-34.09	-13	-21.09	-64.79	-41.57	1.90	11.53	H
	11373	-34.09	-13	-21.09	-71.31	-40.54	2.35	10.95	H
	15165	-27.39	-13	-14.39	-70.82	-36.56	2.60	13.93	H
	18956	-59.74	-13	-46.74	-71.08	-71.48	3.26	17.14	H
	22747	-55.81	-13	-42.81	-71.96	-68.81	3.55	18.70	H
	26538	-44.99	-13	-31.99	-64.29	-57.56	3.93	18.65	H
									H
									V
	7582	-34.28	-13	-21.28	-64.98	-41.76	1.90	11.53	V
	11373	-35.15	-13	-22.15	-72.37	-41.60	2.35	10.95	V
	15165	-27.26	-13	-14.26	-70.69	-36.43	2.60	13.93	V
	18956	-61.77	-13	-48.77	-73.11	-73.51	3.26	17.14	V
	22747	-56.03	-13	-43.03	-72.18	-69.03	3.55	18.70	V
									V

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



EN-DC 12A-n77A

EN-DC 12A-n77A / 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)
Middle	7582	-36.10	-13	-23.10	-66.63	-43.58	1.90	11.53	H
	11373	-34.84	-13	-21.84	-71.99	-41.29	2.35	10.95	H
	15165	-28.40	-13	-15.40	-70.75	-37.57	2.60	13.93	H
	18956	-57.73	-13	-44.73	-69.3	-69.47	3.26	17.14	H
	22747	-56.39	-13	-43.39	-72.92	-69.39	3.55	18.70	H
	26538	-38.46	-13	-25.46	-58.15	-51.03	3.93	18.65	H
									H
	7582	-34.60	-13	-21.60	-65.3	-42.08	1.90	11.53	V
	11373	-34.97	-13	-21.97	-72.19	-41.42	2.35	10.95	V
	15165	-27.75	-13	-14.75	-71.18	-36.92	2.60	13.93	V
	18956	-61.35	-13	-48.35	-72.69	-73.09	3.26	17.14	V
	22747	-55.05	-13	-42.05	-71.2	-68.05	3.55	18.70	V
	26538	-45.04	-13	-32.04	-64.34	-57.61	3.93	18.65	V
									V

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



EN-DC 13A-n77A

EN-DC 13A-n77A / 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)
Middle	7582	-35.16	-13	-22.16	-65.69	-42.64	1.90	11.53	H
	11373	-35.20	-13	-22.20	-72.35	-41.65	2.35	10.95	H
	15165	-28.70	-13	-15.70	-71.05	-37.87	2.60	13.93	H
	18956	-53.91	-13	-40.91	-65.48	-65.65	3.26	17.14	H
	22747	-56.00	-13	-43.00	-72.53	-69.00	3.55	18.70	H
	26538	-44.68	-13	-31.68	-64.37	-57.25	3.93	18.65	H
									H
	7582	-34.92	-13	-21.92	-65.62	-42.40	1.90	11.53	V
	11373	-35.00	-13	-22.00	-72.22	-41.45	2.35	10.95	V
	15165	-27.72	-13	-14.72	-71.15	-36.89	2.60	13.93	V
	18956	-60.18	-13	-47.18	-71.52	-71.92	3.26	17.14	V
	22747	-56.61	-13	-43.61	-72.76	-69.61	3.55	18.70	V
	26538	-41.78	-13	-28.78	-61.09	-54.35	3.93	18.65	V
									V

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



EN-DC 14A-n77A

EN-DC 14A-n77A / 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)
Middle	7582	-33.63	-13	-20.63	-64.16	-41.11	1.90	11.53	H
	11373	-33.82	-13	-20.82	-70.97	-40.27	2.35	10.95	H
	15165	-28.67	-13	-15.67	-71.02	-37.84	2.60	13.93	H
	18956	-59.22	-13	-46.22	-70.79	-70.96	3.26	17.14	H
	22747	-56.40	-13	-43.40	-72.93	-69.40	3.55	18.70	H
	26538	-45.54	-13	-32.54	-65.23	-58.11	3.93	18.65	H
									H
	7582	-35.17	-13	-22.17	-65.87	-42.65	1.90	11.53	V
	11373	-34.02	-13	-21.02	-71.24	-40.47	2.35	10.95	V
	15165	-27.42	-13	-14.42	-70.85	-36.59	2.60	13.93	V
	18956	-58.62	-13	-45.62	-69.96	-70.36	3.26	17.14	V
	22747	-54.84	-13	-41.84	-70.99	-67.84	3.55	18.70	V
	26538	-45.10	-13	-32.10	-63.4	-57.67	3.93	18.65	V
									V

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



EN-DC 25A-n77A

EN-DC 25A-n77A / 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)
Middle	7582	-33.62	-13	-20.62	-64.15	-41.10	1.90	11.53	H
	11373	-35.24	-13	-22.24	-72.39	-41.69	2.35	10.95	H
	15165	-29.25	-13	-16.25	-71.6	-38.42	2.60	13.93	H
	18956	-55.55	-13	-42.55	-67.12	-67.29	3.26	17.14	H
	22747	-56.54	-13	-43.54	-73.07	-69.54	3.55	18.70	H
	26538	-42.74	-13	-29.74	-62.43	-55.31	3.93	18.65	H
									H
	7582	-34.78	-13	-21.78	-65.48	-42.26	1.90	11.53	V
	11373	-35.27	-13	-22.27	-72.49	-41.72	2.35	10.95	V
	15165	-27.82	-13	-14.82	-71.25	-36.99	2.60	13.93	V
	18956	-61.49	-13	-48.49	-72.83	-73.23	3.26	17.14	V
	22747	-56.41	-13	-43.41	-72.56	-69.41	3.55	18.70	V
	26538	-43.44	-13	-30.44	-62.74	-56.01	3.93	18.65	V
									V

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



EN-DC 66A-n77A

EN-DC 66A-n77A / 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)
Middle	7582	-36.07	-13	-23.07	-66.6	-43.55	1.90	11.53	H
	11373	-35.52	-13	-22.52	-72.67	-41.97	2.35	10.95	H
	15165	-29.16	-13	-16.16	-71.51	-38.33	2.60	13.93	H
	18956	-57.87	-13	-44.87	-69.44	-69.61	3.26	17.14	H
	22747	-58.70	-13	-45.70	-75.23	-71.70	3.55	18.70	H
	26538	-42.64	-13	-29.64	-62.33	-55.21	3.93	18.65	H
									H
	7582	-34.09	-13	-21.09	-64.79	-41.57	1.90	11.53	V
	11373	-35.07	-13	-22.07	-72.29	-41.52	2.35	10.95	V
	15165	-27.91	-13	-14.91	-71.34	-37.08	2.60	13.93	V
	18956	-55.83	-13	-42.83	-67.17	-67.57	3.26	17.14	V
	22747	-55.33	-13	-42.33	-71.48	-68.33	3.55	18.70	V
	26538	-42.34	-13	-29.34	-61.61	-54.91	3.93	18.65	V
									V

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



EN-DC 2A-n78A

EN-DC 2A-n78A / 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)
Middle	7402	-32.09	-13	-19.09	-63.01	-39.40	1.94	11.40	H
	11103	-35.70	-13	-22.70	-72.56	-41.93	2.24	10.62	H
	14805	-28.32	-13	-15.32	-71.36	-36.36	2.58	12.77	H
	18506	-61.71	-13	-48.71	-73.59	-73.91	3.24	17.59	H
	22207	-59.71	-13	-46.71	-75.44	-72.90	3.52	18.86	H
	25908	-54.75	-13	-41.75	-73.57	-67.76	3.92	19.08	H
									H
	7402	-28.37	-13	-15.37	-59.38	-35.68	1.94	11.40	V
	11103	-35.66	-13	-22.66	-72.47	-41.89	2.24	10.62	V
	14805	-26.96	-13	-13.96	-71.11	-35.00	2.58	12.77	V
	18506	-61.06	-13	-48.06	-72.72	-73.26	3.24	17.59	V
	22207	-60.47	-13	-47.47	-75.8	-73.66	3.52	18.86	V
	25908	-52.96	-13	-39.96	-71.49	-65.97	3.92	19.08	V
									V

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



EN-DC 5A-n78A

EN-DC 5A-n78A / 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)
Middle	7401	-28.33	-13	-15.33	-59.25	-35.64	1.94	11.40	H
	11102	-34.80	-13	-21.80	-71.65	-41.03	2.24	10.62	H
	14808	-28.46	-13	-15.46	-71.5	-36.50	2.58	12.78	H
	18506	-61.49	-13	-48.49	-73.37	-73.69	3.24	17.59	H
	22207	-60.18	-13	-47.18	-75.91	-73.37	3.52	18.86	H
	25908	-55.00	-13	-42.00	-73.83	-68.01	3.92	19.08	H
									H
	7401	-26.10	-13	-13.10	-57.11	-33.41	1.94	11.40	V
	11102	-34.63	-13	-21.63	-71.44	-40.86	2.24	10.62	V
	14808	-26.96	-13	-13.96	-71.12	-35.00	2.58	12.78	V
	18506	-62.13	-13	-49.13	-73.79	-74.33	3.24	17.59	V
	22207	-60.43	-13	-47.43	-75.76	-73.62	3.52	18.86	V
	25908	-54.39	-13	-41.39	-72.9	-67.40	3.92	19.08	V
									V

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



EN-DC 7A-n78A

EN-DC 7A-n78A / 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)
Middle	7401	-30.40	-13	-17.40	-61.32	-37.71	1.94	11.40	H
	11103	-36.10	-13	-23.10	-72.96	-42.33	2.24	10.62	H
	14808	-28.60	-13	-15.60	-71.64	-36.64	2.58	12.78	H
	18506	-61.59	-13	-48.59	-73.47	-73.79	3.24	17.59	H
	22207	-60.00	-13	-47.00	-75.73	-73.19	3.52	18.86	H
	25908	-52.09	-13	-39.09	-70.91	-65.10	3.92	19.08	H
									H
	7401	-26.06	-13	-13.06	-57.07	-33.37	1.94	11.40	V
	11103	-36.07	-13	-23.07	-72.88	-42.30	2.24	10.62	V
	14808	-27.74	-13	-14.74	-71.9	-35.78	2.58	12.78	V
	18506	-61.44	-13	-48.44	-73.1	-73.64	3.24	17.59	V
	22207	-59.52	-13	-46.52	-75.85	-72.71	3.52	18.86	V
	25908	-54.08	-13	-41.08	-72.59	-67.09	3.92	19.08	V
									V

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



EN-DC 12A-n78A

EN-DC 12A-n78A / 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)
Middle	7401	-28.07	-13	-15.07	-58.99	-35.38	1.94	11.40	H
	11103	-36.02	-13	-23.02	-72.88	-42.25	2.24	10.62	H
	14808	-28.53	-13	-15.53	-71.57	-36.57	2.58	12.78	H
	18506	-61.60	-13	-48.60	-73.48	-73.80	3.24	17.59	H
	22207	-60.18	-13	-47.18	-75.91	-73.37	3.52	18.86	H
	25908	-58.32	-13	-45.32	-77.13	-71.33	3.92	19.08	H
									H
	7401	-26.29	-13	-13.29	-57.3	-33.60	1.94	11.40	V
	11103	-35.88	-13	-22.88	-72.69	-42.11	2.24	10.62	V
	14808	-27.64	-13	-14.64	-71.8	-35.68	2.58	12.78	V
	18506	-61.88	-13	-48.88	-73.54	-74.08	3.24	17.59	V
	22207	-59.71	-13	-46.71	-75.04	-72.90	3.52	18.86	V
	25908	-58.50	-13	-45.50	-77.01	-71.51	3.92	19.08	V
									V

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



EN-DC 25A-n78A

EN-DC 25A-n78A / 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)
Middle	7401	-28.78	-13	-15.78	-59.7	-36.09	1.94	11.40	H
	11102	-36.01	-13	-23.01	-72.86	-42.24	2.24	10.62	H
	14808	-28.60	-13	-15.60	-71.64	-36.64	2.58	12.78	H
	18506	-61.43	-13	-48.43	-73.31	-73.63	3.24	17.59	H
	22207	-60.15	-13	-47.15	-75.88	-73.34	3.52	18.86	H
	25908	-58.26	-13	-45.26	-77.07	-71.27	3.92	19.08	H
									H
	7401	-27.09	-13	-14.09	-58.1	-34.40	1.94	11.40	V
	11102	-35.46	-13	-22.46	-72.27	-41.69	2.24	10.62	V
	14808	-28.12	-13	-15.12	-72.28	-36.16	2.58	12.78	V
	18506	-61.91	-13	-48.91	-73.57	-74.11	3.24	17.59	V
	22207	-60.61	-13	-47.61	-75.94	-73.80	3.52	18.86	V
	25906	-54.60	-13	-41.60	-73.11	-67.61	3.92	19.08	V
									V

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



EN-DC 66A-n78A

EN-DC 66A-n78A / 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)
Middle	7401	-28.84	-13	-15.84	-59.76	-36.15	1.94	11.40	H
	11102	-36.32	-13	-23.32	-73.17	-42.55	2.24	10.62	H
	14808	-28.86	-13	-15.86	-71.9	-36.90	2.58	12.78	H
	18506	-61.48	-13	-48.48	-73.36	-73.68	3.24	17.59	H
	22207	-60.19	-13	-47.19	-75.95	-73.38	3.52	18.86	H
	25908	-55.86	-13	-42.86	-74.68	-68.87	3.92	19.08	H
									H
	7401	-27.02	-13	-14.02	-58.03	-34.33	1.94	11.40	V
	11102	-36.31	-13	-23.31	-73.12	-42.54	2.24	10.62	V
	14808	-27.93	-13	-14.93	-72.09	-35.97	2.58	12.78	V
	18506	-60.60	-13	-47.60	-72.26	-72.80	3.24	17.59	V
	22207	-59.53	-13	-46.53	-74.86	-72.72	3.52	18.86	V
	25908	-54.69	-13	-41.69	-73.2	-67.70	3.92	19.08	V
									V

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



<Ant. 4>

5G NR n77

SA NR n77 MIMO / 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	7401	-26.91	-13	-13.91	-57.83	-34.22	1.94	11.40	H
	11103	-35.99	-13	-22.99	-72.85	-42.22	2.24	10.62	H
	14808	-29.00	-13	-16.00	-72.04	-37.04	2.58	12.78	H
	18510	-53.66	-13	-40.66	-64.48	-65.86	3.24	17.59	H
	22206	-50.90	-13	-37.90	-66.63	-64.09	3.52	18.86	H
	25914	-36.02	-13	-23.02	-54.85	-49.03	3.92	19.08	H
	29636	-52.43	-13	-39.43	-73.73	-65.89	3.97	19.58	H
	7401	-26.97	-13	-13.97	-57.98	-34.28	1.94	11.40	V
	11103	-35.88	-13	-22.88	-72.69	-42.11	2.24	10.62	V
	14808	-27.83	-13	-14.83	-71.99	-35.87	2.58	12.78	V
	18510	-53.42	-13	-40.42	-64.01	-65.62	3.24	17.59	V
	22206	-58.01	-13	-45.01	-73.34	-71.20	3.52	18.86	V
	25914	-40.77	-13	-27.77	-59.3	-53.78	3.92	19.08	V
	29636	-55.06	-13	-42.06	-76.13	-68.52	3.97	19.58	V



Middle	7584	-29.63	-13	-16.63	-60.15	-37.12	1.89	11.54	H
	11375	-35.22	-13	-22.22	-72.37	-41.67	2.35	10.95	H
	15168	-28.88	-13	-15.88	-71.21	-38.07	2.60	13.94	H
	18954	-56.64	-13	-43.64	-68.21	-68.38	3.26	17.15	H
	22750	-46.23	-13	-33.23	-62.76	-59.22	3.56	18.70	H
	26535	-37.13	-13	-24.13	-56.81	-49.70	3.93	18.65	H
									H
	7584	-28.69	-13	-15.69	-59.38	-36.18	1.89	11.54	V
	11375	-34.95	-13	-21.95	-72.17	-41.40	2.35	10.95	V
	15168	-27.94	-13	-14.94	-71.35	-37.13	2.60	13.94	V
	18954	-60.39	-13	-47.39	-71.73	-72.13	3.26	17.15	V
	22750	-45.84	-13	-32.84	-61.98	-58.83	3.56	18.70	V
	26535	-40.21	-13	-27.21	-59.51	-52.78	3.93	18.65	V
									V
Highest	7763	-34.99	-13	-21.99	-65.74	-42.64	1.88	11.68	H
	11643	-30.25	-13	-17.25	-68.21	-37.25	2.46	11.61	H
	15528	-29.97	-13	-16.97	-70.86	-40.60	2.70	15.48	H
	19409	-51.15	-13	-38.15	-63.47	-63.20	3.23	17.43	H
	23283	-43.11	-13	-30.11	-60.22	-55.98	3.63	18.66	H
	27168	-41.26	-13	-28.26	-61.83	-54.55	3.93	19.37	H
	31046	-47.12	-13	-34.12	-69.34	-60.36	4.41	19.80	H
	7763	-32.15	-13	-19.15	-63.17	-39.80	1.88	11.68	V
	11643	-30.65	-13	-17.65	-68.53	-37.65	2.46	11.61	V
	15528	-29.98	-13	-16.98	-71.14	-40.61	2.70	15.48	V
	19409	-55.03	-13	-42.03	-67.09	-67.08	3.23	17.43	V
	23283	-51.16	-13	-38.16	-67.94	-64.03	3.63	18.66	V
	27168	-40.56	-13	-27.56	-60.77	-53.85	3.93	19.37	V
	31046	-50.77	-13	-37.77	-72.45	-64.01	4.41	19.80	V

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



<Ant. 4+6>

5G NR n77 MIMO

SA NR n77 MIMO / 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	7401	-26.91	-13	-13.91	-57.83	-34.22	1.94	11.40	H
	11103	-35.99	-13	-22.99	-72.85	-42.22	2.24	10.62	H
	14808	-29.00	-13	-16.00	-72.04	-37.04	2.58	12.78	H
	28510	-52.60	-13	-39.60	-64.48	-65.86	3.99	19.40	H
	22206	-50.90	-13	-37.90	-66.63	-64.09	3.52	18.86	H
	25914	-36.02	-13	-23.02	-54.85	-49.03	3.92	19.08	H
	29636	-52.43	-13	-39.43	-73.73	-65.89	3.97	19.58	H
	7401	-26.97	-13	-13.97	-57.98	-34.28	1.94	11.40	V
	11103	-35.88	-13	-22.88	-72.69	-42.11	2.24	10.62	V
	14808	-27.83	-13	-14.83	-71.99	-35.87	2.58	12.78	V
	28510	-52.36	-13	-39.36	-64.01	-65.62	3.99	19.40	V
	22206	-58.01	-13	-45.01	-73.34	-71.20	3.52	18.86	V
	25914	-40.77	-13	-27.77	-59.3	-53.78	3.92	19.08	V
	29636	-55.06	-13	-42.06	-76.13	-68.52	3.97	19.58	V
Middle	7584	-29.63	-13	-16.63	-60.15	-37.12	1.89	11.54	H
	11375	-35.22	-13	-22.22	-72.37	-41.67	2.35	10.95	H
	15168	-28.88	-13	-15.88	-71.21	-38.07	2.60	13.94	H
	18954	-56.64	-13	-43.64	-68.21	-68.38	3.26	17.15	H
	22750	-46.23	-13	-33.23	-62.76	-59.22	3.56	18.70	H
	26535	-37.13	-13	-24.13	-56.81	-49.70	3.93	18.65	H
	7584	-28.69	-13	-15.69	-59.38	-36.18	1.89	11.54	V
	11375	-34.95	-13	-21.95	-72.17	-41.40	2.35	10.95	V
	15168	-27.94	-13	-14.94	-71.35	-37.13	2.60	13.94	V
	18954	-60.39	-13	-47.39	-71.73	-72.13	3.26	17.15	V
	22750	-45.84	-13	-32.84	-61.98	-58.83	3.56	18.70	V
	26535	-40.21	-13	-27.21	-59.51	-52.78	3.93	18.65	V



Highest	7763	-34.99	-13	-21.99	-65.74	-42.64	1.88	11.68	H
	11643	-30.25	-13	-17.25	-68.21	-37.25	2.46	11.61	H
	15528	-29.97	-13	-16.97	-70.86	-40.60	2.70	15.48	H
	19409	-51.15	-13	-38.15	-63.47	-63.20	3.23	17.43	H
	23283	-43.11	-13	-30.11	-60.22	-55.98	3.63	18.66	H
	27168	-41.26	-13	-28.26	-61.83	-54.55	3.93	19.37	H
	31046	-47.12	-13	-34.12	-69.34	-60.36	4.41	19.80	H
	7763	-32.15	-13	-19.15	-63.17	-39.80	1.88	11.68	V
	11643	-30.65	-13	-17.65	-68.53	-37.65	2.46	11.61	V
	15528	-29.98	-13	-16.98	-71.14	-40.61	2.70	15.48	V
	19409	-55.03	-13	-42.03	-67.09	-67.08	3.23	17.43	V
	23283	-51.16	-13	-38.16	-67.94	-64.03	3.63	18.66	V
	27168	-40.56	-13	-27.56	-60.77	-53.85	3.93	19.37	V
	31046	-50.77	-13	-37.77	-72.45	-64.01	4.41	19.80	V

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

Appendix C. Setup Photographs

<Radiated Emission>

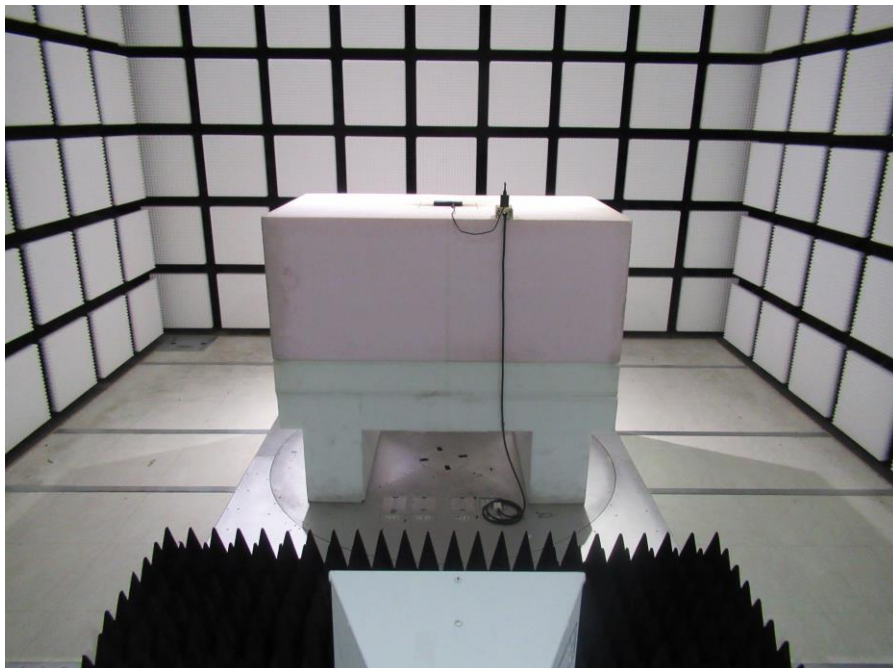
<Ant. 0> + <Ant.4>

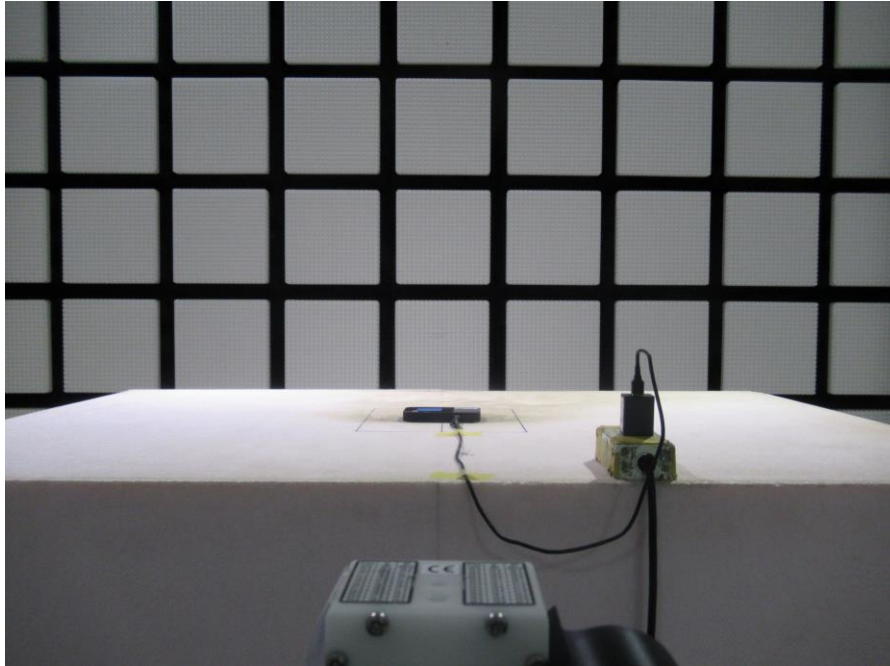
X Plane for EN-DC 2A-n77A, 5A-n77A, 7A-n77A, 12A-n77A, 13A-n77A,
14A-n77A, 25A-n77A, 66A-n77A, 2A-n78A, 5A-n78A, 7A-n78A, 12A-n78A,
25A-n78A, 66A-n78A

LF



HF



SHF

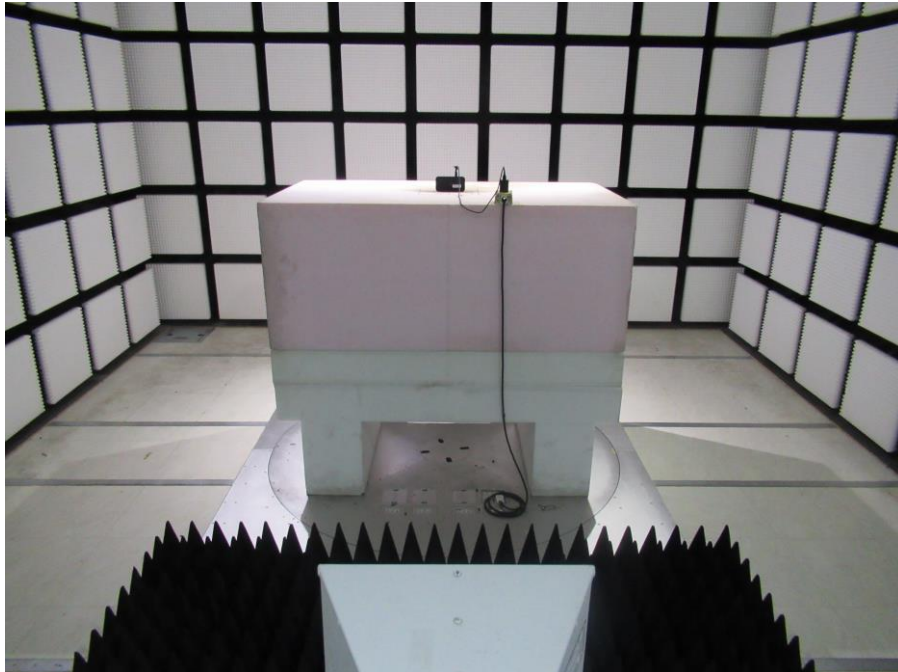
<Ant. 4>

Y Plane for 5G NR n77

LF

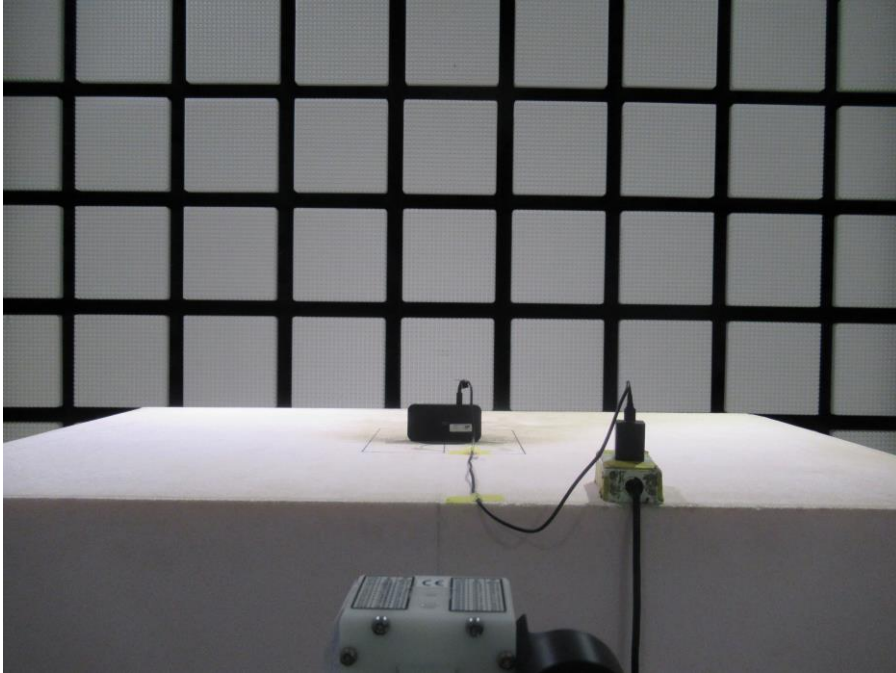


HF





SHF



<MIMO Antenna>

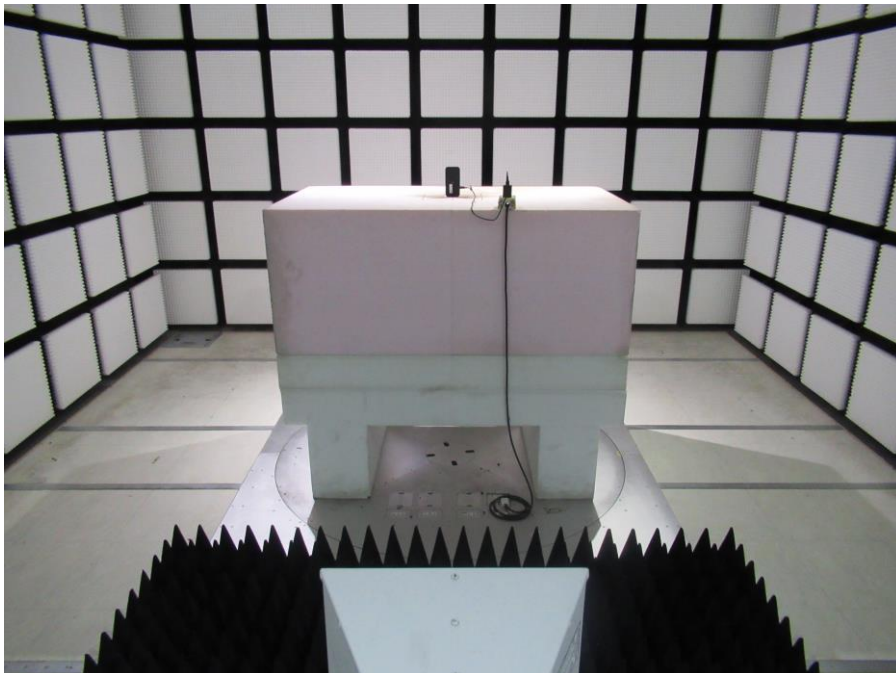
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Z Plane for 5G NR n77

LF

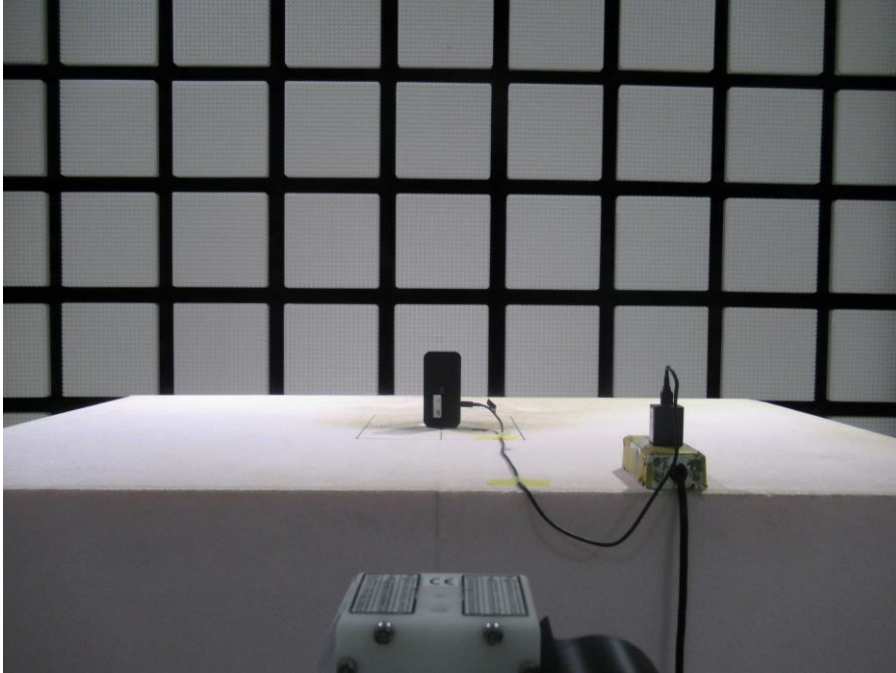


HF





SHF



—————THE END—————