

# Supplementary File for Detailed Observation

## (1) Qualcomm Chipset - Detailed observation of the drive testing results

Qualcomm Devices							
Iteration	DUT-1 : VoNR ON				DUT-2 : VoNR OFF (VoLTE)		
	Call Duration (in Minutes)	EPSFB details	'Serving Cell ID'	Battery Percentage	MINUTES	'Serving Cell ID'	Battery Percentage
			Change count	(after call completed)		Change count	(after call completed)
	-	-	-	100%	-	-	100%
1	11	Fallback to VoLTE after 8 minute	54	95%	10	47	96%
2	11	No Fallback to VoLTE	57	92%	10	39	93%
3	9	Fallback to VoLTE after 6 minute	61	89%	10	52	91%
4	9	Fallback to VoLTE after 7 minute	61	87%	10	35	89%
5	8	Fallback to VoLTE after 5 minute	79	85%	10	97	86%
6	11	No Fallback to VoLTE	89	82%	10	64	83%
7	11	No Fallback to VoLTE	58	79%	9	38	80%
8	10	No Fallback to VoLTE	15	74%	10	55	76%
9	7	Fallback to VoLTE after 7 minute	39	72%	9	76	74%
10	5	Fallback to VoLTE after 3 minute	29	71%	10	83	71%
11	8	Fallback to VoLTE after 6 minute	30	68%	10	87	69%
12	5	Fallback to VoLTE after 3 minute	23	65%	10	166	67%
13	5	Fallback to VoLTE after 4 minute	23	63%			66%

## (2) Exynos Chipset - Detailed observation of the drive testing results

Exynos Devices							
Iteration	DUT-3 : VoNR ON				DUT-4 : VoNR OFF (VoLTE)		
	MINUTES	EPSFB details	'Serving Cell ID'	Battery Percentage	MINUTES	'Serving Cell ID'	Battery Percentage
			Change count	(after call completed)		Change count	(after call completed)
	-	-	-	100%	-	-	100%
1	2	Fallback to VoLTE after 1 minute	7	94%	10	88	93%
2	1	Fallback to VoLTE after 1 minute	3	93%	10	37	91%
3	4	Fallback to VoLTE after 2 minute	24	91%	10	76	86%
4	5	Fallback to VoLTE after 3 minute	5	89%	10	93	83%
5	8	Fallback to VoLTE after 8 minute	59	86%	10	99	81%
6	6	Fallback to VoLTE after 3 minute	24	84%	10	21	78%
7	5	Fallback to VoLTE after 2 minute	47	83%	10	46	75%
8	5	Fallback to VoLTE after 1 minute	35	81%	10	70	72%
9	9	Fallback to VoLTE after 7 minute	38	78%	10	7	65%
10	6	Fallback to VoLTE after 2 minute	43	76%	10	47	62%
11	5	Fallback to VoLTE after 1 minute	31	75%	10	66	60%
12	6	Fallback to VoLTE after 3 minute	35	73%			
13	5	Fallback to VoLTE after 1 minute	36	67%			
14	10	No Fallback to VoLTE	68	64%			
15	5	Fallback to VoLTE after 3 minute	32	62%			
16	8	Fallback to VoLTE after 5 minute	36	60%			
17	6	Fallback to VoLTE after 1 minute	22	57%			

### (3) MediaTek Chipset - Detailed observation of the drive testing results

MediaTek Devices							
Iteration	DUT-5 : VoNR ON				DUT-6 : VoNR OFF (VoLTE)		
	MINUTES	EPSFB details	'Serving Cell ID'	Battery Percentage	MINUTES	'Serving Cell ID'	Battery Percentage
			Change count	(after call completed)		Change count	(after call completed)
	-	-	-	100%	-	-	100%
1	10	Fallback to VoLTE after 0.5 minute	34	92%	10	37	97%
2	7	Fallback to VoLTE after 3 minute	35	89%	7	28	95%
3	1	Fallback to VoLTE after 1 minute	7	84%	1	9	93%
4	11	No Fallback to VoLTE	37	83%	11	65	92%
5	4	Fallback to VoLTE after 2 minute	23	81%	4	28	91%
6	9	Call Drop after 7 minute	64	80%	9	97	89%
7	6	Fallback to VoLTE after 0.5minute	14	79%	6	15	87%
8	7	Call Drop after 4 minutes	17	79%	7	36	86%
9	10	No Fallback to VoLTE	60	77%	10	90	84%
10	4	At 13:00:45 Fallback to LTE	48	75%	4	35	83%
11	5	Call Drop MT side	21	73%	5	49	82%
12	3	Fallback to VoLTE after 1 minute	30	69%	3	35	77%
13	11	No Fallback to VoLTE	55	67%	11	50	76%
14	2	Fallback to VoLTE after 0.5 minute	37	66%	2	33	75%
15	10	Fallback to VoLTE after 9 minute	51	64%	10	67	75%
16	9	Call Drop at MT	64	61%	9	115	73%
17	6	Fallback to VoLTE after 1 minute	44	59%	6	No Screenshot	72%
18	3	Fallback to VoLTE after 1 minute	15	59%	3	15	72%