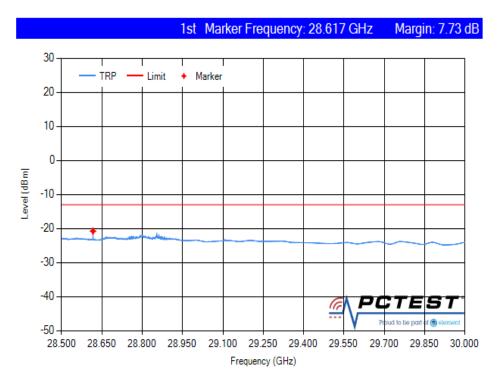
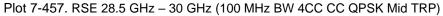


MultiView 🔲 Spectrum			•
Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz		SGL
●Att 5dB SWT	18 ms • VBW 3 MHz Mode Auto Sweep		Count 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep			• 1Rm Avg
Limit Check	FÁIL		M2[1] -6.94 dBm
Line FCC Part 30			30.091070 GHz
10 dBm			M1[1] -4.29 dBm
			28.500250 GHz
M1dBm-			
	M2		
FCC Part 30 Ma			
-20 dBm		and the second	۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰
-30 dBm			
30 dbm			
10 10 10			
-40 dBm-			
-50 dBm			
-60 dBm-			
-70 dBm			
28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz
- 2010-0112	5001 pt3	10010 11112/	▼ Ready 2000122
			17:43:58

Plot 7-456. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)



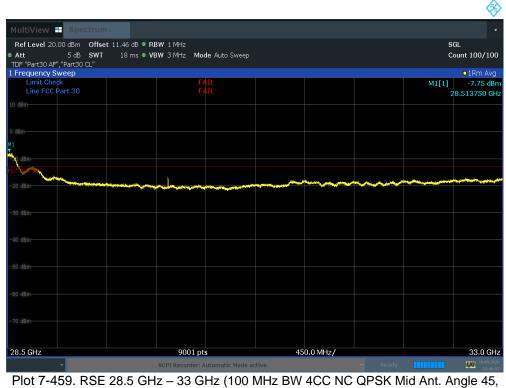


FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 000 of 400
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MultiView 🖶 Spectrum	n				
Ref Level 20.00 dBm Offse	et 11.46 dB • RBW 1 MHz				SGL
Att 5 dB SWT	18 m s • VBW 3 MHz Mo	de Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" I Frequency Sweep					• 1Rm Max
Limit Check	F	AIL			M1[1] -0.08 dBn
Line FCC Part 30		AIL			28.508250 GH
dBm-					
a mith					
10 MM					
CC Part 30	ni dita di tan ing kata si kan di tan di tang mana kan sa kan Kan sa kan sa		a and the first of the state of		ar di 1997 yang di 1998 yang di 1998 yang di 1999 yang di Mang pang di 1999 yang
20 dBm		a di ki sili a na kata di kata da kata			
30 dBm					
40 dBm					
50 dBm					
28.5 GHz	9001 pt		450.0 MHz/		
		Automatic Mode active	-1001011112/	Ready	28.09.202
	SOFT RECORDER.			Acoury	23:46:4





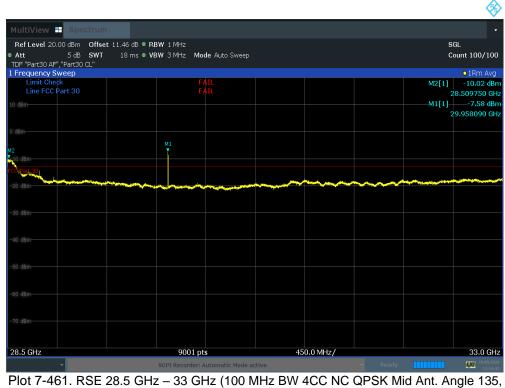
Final)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 200 of 466
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				(*)
MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 dB • F	RBW 1 MHz		:	SGL
	BW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" I Frequency Sweep				•1Rm Max
Limit Check	FAIL		M1[1]	-1.93 dBm
Line FCC Part 30				28.519750 GHz
dBm				
<u>9</u>				
ad setting the set of				
CC Part 30 Control to an a control to a control of the second sec	a des a della catalana della contra contra ad ele			ini ka pada kata kata kata kata kata kata kata k
-20 dBm	in a state of the life of the life of the set	and the second		
-30 dBm				
-40 dBm				
-50 dBm-				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
	SCPI Recorder: Automatic Mode a		Ready	28.09.2020

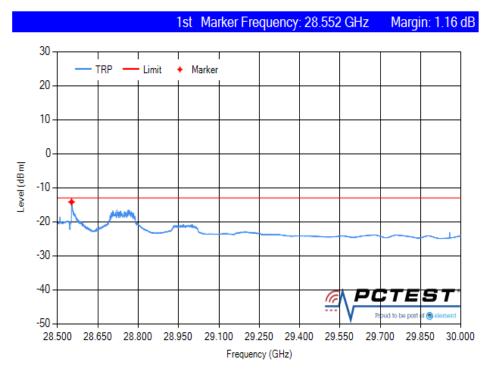


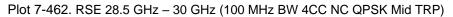


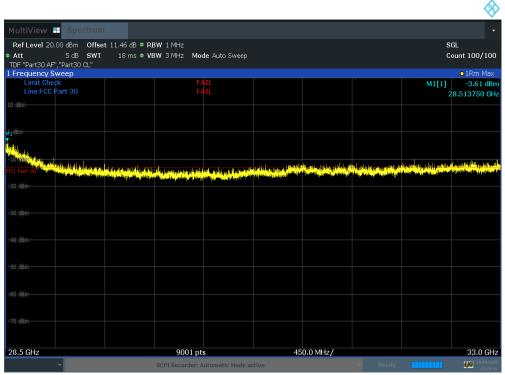
Final)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 201 of 466
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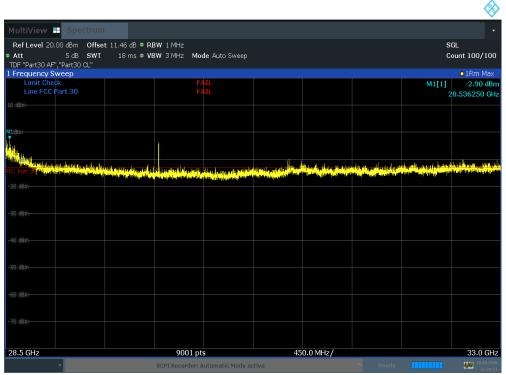
Plot 7-463. RSE 28.5 GHz - 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 202 of 466
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MultiView 🔲 Spectrum				•
Ref Level 20.00 dBm Offset 11.	.46 dB • RBW 1 MHz			SGL
	18 ms • VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" L Frequency Sweep				●1Rm Avg
Limit Check	FÁIL		M1[
Line FCC Part 30	FAIL FAIL			28.545740 GHz
ad dBm				
SCWART 3U				
-20 dBm				
40 dBm				
-50 dBm				
	0001	450.0 Miltor		22.0.04
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive	🔻 Ready	28.09.2020 22:29:28

Plot 7-464. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45, Final)



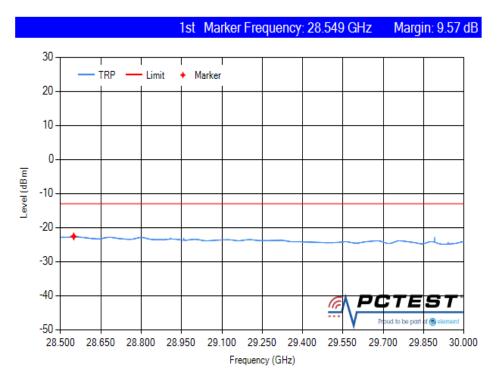
Plot 7-465. RSE 28.5 GHz - 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135)

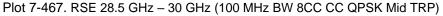
FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ everyent	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 000 of 400
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 293 of 466
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Ref Level 20:00 dbm Offset 11.46 db ® RBW 1 MHz SGL Att 5 db SWT 18 ms ® VBW 3 MHz Mode Auto Sweep •18 m Avg TDF "part30 AF", "Part30 CL" •18 m Avg •18 m Avg •18 m Avg Linnit Check FAIL M2[1] -12.81 dBm 28.539250 GHz 0 dbm M1[1] -61.00 Avg M1[1] -61.00 Avg 0 dbm M1[1] -61.00 Avg 98.539250 GHz 29.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg 99.891100 GHz 99.891100 GHz 99.891100 GHz 0 dbm M1[1] -61.00 Avg -61.00 Avg -61.00 Avg -61.00 Avg 0 dbm M1[1] -61.00 Avg -61.00 Avg -61.00 Avg -61.00 Avg 0 dbm M1[1] -61.00 Avg -61.00 Avg -61.00 Avg -61.00 Avg 0 dbm M1[1] -61.00 Avg -				
Att 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF*Part30 AF*** FAIL M2[1] -12.81 dBm 28.539250 GHz Limit Check FAIL 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -12.81 dBm 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -10.61 dBm 28.539250 GHz 29.891100 GHz 29.891100 GHz 0 dBm M1 -10.61 dBm 29.891100 GHz 29.891100 GHz 29.891100 GHz 29.891100 GHz 20.61 dBm 29.61 dBm 20.61 dBm	MultiView 🖶 Spectrum			•
Att 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF*Part30 AF*** FAIL M2[1] -12.81 dBm 28.539250 GHz Limit Check FAIL 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -12.81 dBm 28.539250 GHz 28.539250 GHz 28.539250 GHz 0 dBm M1[1] -10.61 dBm 28.539250 GHz 29.891100 GHz 29.891100 GHz 0 dBm M1 -10.61 dBm 29.891100 GHz 29.891100 GHz 29.891100 GHz 29.891100 GHz 20.61 dBm 29.61 dBm 20.61 dBm	Ref Level 20.00 dBm Offset 1:	1.46 dB ● RBW 1 MHz		SGL
If Fequency Sweep 0.18m Avg Limit Check FAIL M2[1] -12.81 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz		18 ms • VBW 3 MHz Mode Auto Sweep		Count 100/100
Limit Check Line FCC Part 30 FAIL FAIL BAIL FAIL FAIL FAIL FAIL FAIL FAIL FAIL F				1 Dm Ava
Line FCC Part 30 FAIL 28.539250 GHz MI111 -6.10 dBm 29.891100 GHz 29.891	Limit Check	FÁIL		
29.891100 GHz 1 dm 1 dm 1 dm 20 dm 30 dm 40 dm 50 dm 60 dm 70 dm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	Line FCC Part 30			
h dan har han har	10 dBm			
M1 M1 Part f0 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				29.891100 GHz
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 dBm			
20 dbm 20 dbm 30 dbm 20 dbm 40 dbm 20 dbm 50 dbm 20 dbm 40 dbm 20 dbm 50 dbm 20 dbm 60 dbm 20 dbm 70 dbm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz		MI		
30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	M20 dBm			
30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	PCC Part β0			
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-20 dBm-		and the second sec	
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
40 dBm- 50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-30 dBm-			
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
50 dBm- 60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
60 dBm- 70 dBm- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-50 dBm			
70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-60 dBm-			
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
	-70 dBm			
	28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz
SOFT Recorder. Automatic mode active Ready Ready analysis	*	SCPI Recorder: Automatic Mode acti		

Plot 7-466. RSE 28.5 GHz – 33 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 135, Final)





FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 004 af 400
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 294 of 466
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MultiView 🖶 Spectrum				
Ref Level 20.00 dBm Offset 11.46 dB • I	RBW 1 MHz			SGL
	/BW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" . Frequency Sweep				•1Rm Max
Limit Check	FĄIL		M1[1	
Line FCC Part 30				28.511250 GH
the states				
	الالماطلي ومرجع المحتال المراجع والأما والألاط والألفان			eda ya kuyili da in besha kana Manazarta da ta ta ta ta ta ta ta ta
Control Control Manager and M		in the second		
20 dBm				
60 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GH
	SCPI Recorder: Automatic Mode a	ctive		29.09.202

Plot 7-468. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 45)



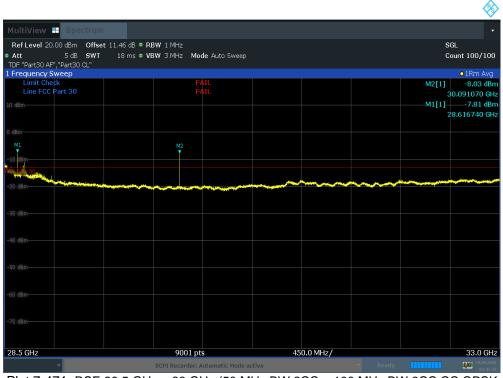
Plot 7-469. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 205 of 466	
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 295 of 466	
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Ref Level 20:00 dbm Offiset 11:45 db 8 RBW 1 MHz SGL Att 5 db SWT 18 ms VBW 3 MHz Mode Auto Sweep Count 100/100 DF 'bart30 AF, ''PArt300 CL' FAIL M1[1] 0.79 dB 0.79 dB Linit Check FAIL M1[1] 0.79 dB 28.654730 GF Uinit Check FAIL M1[1] 0.79 dB 28.654730 GF Mine M1[1] 0.79 dB 28.654730 GF 0.79 dB Mine M1[1] 0.79 dB 28.654730 GF 0.79 dB Mine Mine M1[1] 0.79 dB 28.654730 GF Mine Mine Mine M1[1] 0.79 dB Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine Mine					
Att 5 dis SWT 18 ms VBW 3 MHz Mode Auto Sweep Count 100/100 DF "part20 AH", "Part30 Cl" FAIL M1[1] 0.79 dBr Limit Check FAIL M1[1] 0.79 dBr Limit Check FAIL 28.654730 GF Mile M1[1] 0.79 dBr Mile M1[1] 0.79 dBr <t< th=""><th>MultiView 🗄 Spectrum</th><th></th><th></th><th></th><th>•</th></t<>	MultiView 🗄 Spectrum				•
DF "Part30 AF" "Part30 CL" O IRm Max Frequency Sweep O IRm Max Linit Check FAIL M1[1] 0.79 dBr Umit Check FAIL M1[1] 0.79 dBr CB "Part30 AF" "Part30 CL" M1[1] 0.79 dBr 28.654730 CF dBm And the state of the state	Ref Level 20.00 dBm Offset 11.46 d	3 • RBW 1 MHz			SGL
Frequency Sweep • IRm Max Limit Check FAIL M1(1) 0.79 dBr dBm Image: Strength of the strengh of the strength of the strengt of the strengt of th	Att 5dB SWT 18m	s • VBW 3 MHz Mode Auto Sweep			Count 100/100
Limit Check Line FCC Part 30 H1 H1 H1 H1 H1 H1 H1 H1 H1 H1	TDF "Part30 AF","Part30 CL"				
Line FCC Part 30 FAIL 28.654730 GH 1d8m 28.654730 GH 28.654730 GH M1 Image: State of the st		E A D			
dim 2000-17.50 M H1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		FAIL		MIL	
M1 Image: Constraint of the second of th					28,654730 GF
20 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	U dBm				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	M1				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH) dBm				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	ANN AL.				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	dia and				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	TO Part 30	international test of the contract of the contract of the second second second second second second second second		abert with experiments of the first the statest	وربيها اللغار وجعارات والارد
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH		and a set of the set of	and south a part of the light of the section of the left	a di sette set	and see all the se
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	20 dBm				
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 dBm 0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 d8m 0 d8m 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0 d8m 0 d8m 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
0.d8m 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH	60 dBm				
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GH					
	70 dBm				
	28 5 GHz	9001 pts	450.0 MHz/		33.0.6H
SCPI Recorder: Automatic Mode active Ready 2001.202				Ready	

Plot 7-470. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 135)



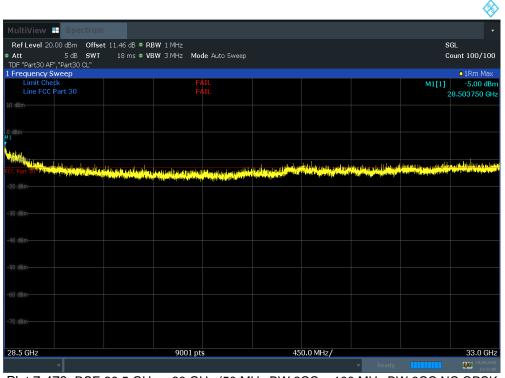
Plot 7-471. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 400	
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1st Marker Frequency: 28.617 GHz Margin: 7.72 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 -30 -40 PCTEST G ud to be po 0 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)

Plot 7-472. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Mid TRP)



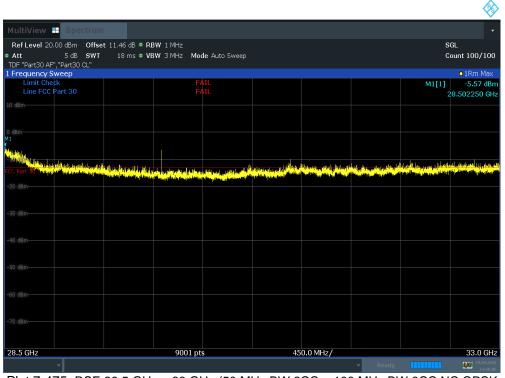
Plot 7-473. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 297 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Fage 297 01 400



MultiView 🖶 Spectrum						•
Ref Level 20.00 dBm Offset 1	11.46 dB • RBW 1 MHz				SGI	
●Att 5dB SWT	18 ms • VBW 3 MHz Mod	e Auto Sweep			Coι	int 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep						o1Rm Avg
Limit Check	FA FA	IL			M1[1]	-12.39 dBm
Line FCC Part 30	FA				28	.515750 GHz
dBm-						
PGG Rart 30					 	
-20 dBm-		**************************************		and the second se	and the second	
28.5 GHz	9001 pts		450	0.0 MHz/		33.0 GHz
	5001 50					29.09.2020
						14:33:21

Plot 7-474. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 45, Final)



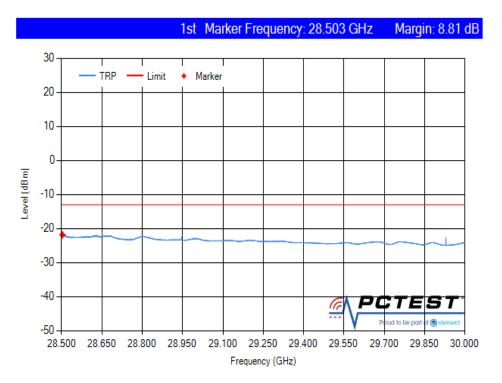
Plot 7-475. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 466	
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 298 of 466	
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Ref Level 20:00 dbm Offset 11.45 db = RBW 1 MHz SGL Att 5 db SWT 18 ms = VBW 3 MHz Mode Auto Sweep •18m Avg TDF "Part30 AL" •18m Avg •18m Avg •18m Avg •18m Avg Limit Check FAIL M2[1] -11.45 db 28.515750 GHz 0 dbm - - - - - 10 dbm - - - - - 10 dbm - - - - - - 10 dbm - - - - - - - 10 dbm - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -					
Part 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF "part30 AF", "part30 AL" • 18 ms * VBW 3 MHz • 6 Mag • 18 ms * VBW 3 MHz • 18 ms * VBW 3 Mz • 18 ms	MultiView 🖶 Spectrum				•
Part 5 dB SWT 18 ms * VBW 3 MHz Mode Auto Sweep Count 100/100 TDF "part30 AF", "part30 AL" • 18 ms * VBW 3 MHz • 6 Mag • 18 ms * VBW 3 MHz • 18 ms * VBW 3 Mz • 18 ms	Ref Level 20.00 dBm Offset :	11.46 dB • RBW 1 MHz			SGL
If Frequency Sweep 0 IBm Avg Limit Cheik M2[11] Limit Cheik M2[11] Limit Cheik M2[11] Limit Cheik M2[11] Limit Cheik Part 30 Limit Che	●Att 5dB SWT				Count 100/100
Limit Chekk Line FCC Part 30					
Line FCC Part 30 FAIL 28.515750 GHz 28.515750 GHz 28.515750 GHz 29.928590 GHz 29.92859		EÁTI		MOEI	
10 dBm M1[1] 9.81 dBm 20 dBm M1 9.81 dBm 20 dBm 9.81 dBm 9.81 dBm 30 dBm 9.81 dBm 9.81 dBm 40 dBm 9.81 dBm 9.81 dBm 50 dBm 9.81 dBm 9.81 dBm 60 dBm 9.81 dBm 9.81 dBm 70 dBm 9.81 dBm 9.81 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz <td></td> <td>FAIL</td> <td></td> <td>MZLI</td> <td></td>		FAIL		MZLI	
29.928590 GHz 1 dBm 20 dBm 20 dBm 30 dBm 40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	10 dBm			M1[1	
P ² 0 dem 					
P ² 0 dem 	0.40.00				
20 dBm 1 1 1 1 20 dBm 20 dBm 1 1 1 30 dBm 1 1 1 1 40 dBm 1 1 1 1 50 dBm 1 1 1 1 60 dBm 1 1 1 1 70 dBm 1 1 1 1 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	U aBm				
Noverti 30 20 dBm 30 dBm 30 dBm 40 dBm 30 dBm 50 dBm 9001 pts 450.0 MHz/ 33.0 GHz	M2				
Noverti 30 20 dBm 30 dBm 30 dBm 40 dBm 30 dBm 50 dBm 9001 pts 450.0 MHz/ 33.0 GHz	10 dBm-				
20 dam -30 dam -40 dam -50 dam -60 dam -70 dam -28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	POGAGart 30				
40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-20 dBm	and the second	war war and the second	and the second sec	
40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
40 dBm 50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-30 dBm				
50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
50 dBm 60 dBm 70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	10.00				
60 d8m- 70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-40 aBm				
60 d8m- 70 d8m- 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-50 dBm				
70 dBm 28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-60 dBm				
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz					
28.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-70 dBm-				
▼ Ready 🗰 24,952,307	28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
				▼ Ready	29.09.2020 14:40:25

Plot 7-476. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid Ant. Angle 135, Final)



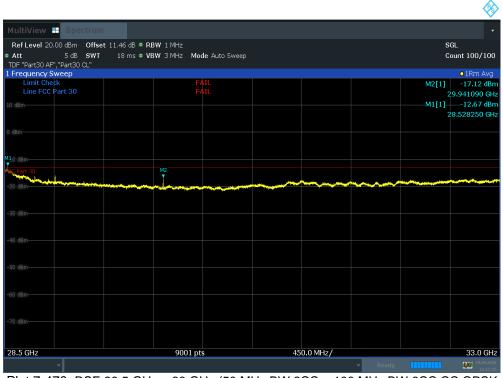
Plot 7-477. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 466	
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						~
MultiView 😐 Spectrum						
Ref Level 20.00 dBm Offset						GL
Att 5 dB SWT TDF "Part30 AF","Part30 CL"	18 ms • VBW 3 MHz Moo	le Auto Sweep			C	ount 100/100
Frequency Sweep						o 1Rm Max
Limit Check Line FCC Part 30	F/				M1[1]	-7.04 dB
					2	8.527750 GF
dBm-						
la .						
Which is a shad to be a state of the second st			والملاءر والمرجعة الألوانية والم	فوسانا وليروأن والمراولات	والمعادير والمراجع والمتلك فالله	daalaa digaa jii aasi
C Part 30 Provide and dealer the dealer of the second second second second second second second second second s			a state of the second	الربية الألالي أتترج معادي بالأدافي	and different spectra and	ing a state of the second s
20 dBm						
28.5 GHz	9001 pts		450.0 MHz/			33.0 GH
	9001 pt	a	430.0 MHZ/			33.0 GF

Plot 7-478. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 45)



Plot 7-479. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 200 of 466	
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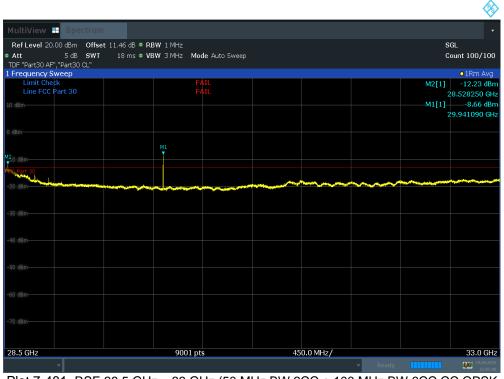
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 $\mathbf{\Lambda}$



MultiView 🖶 Spectrum							•
Ref Level 20.00 dBm Offset	t 11.46 dB ● BBW 1 MHz					S	31
Att 5 dB SWT	18 ms • VBW 3 MHz Moo	le Auto Sweep					ount 100/100
TDF "Part30 AF","Part30 CL"							
1 Frequency Sweep							o1Rm Max
Limit Check Line FCC Part 30	F4					M1[1]	-4.59 dBm
	F /	L				2	8.538750 GHz
0. dBm							
V1							
1 The second							
				Locale La carle		and the set of the set of the	Lines and a line more states
CC Part 30	a di ana disente di di se senante di tito de la terra di senante de la senante di senante di senante di senante	فأشرعوا أريقهم أربيته هار				الافتاد الأرجي والتاريل والافتراما	and a selected as a selected selected of
-20 dBm							
-30 dBm							
-40 dBm							
-50 dBm							
28.5 GHz	9001 pts		45	0.0 MHz/			33.0 GHz
2010 012	9001 pt	·	45				
					▼ Ready		29.09.2020 12:04:32

Plot 7-480. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 135)



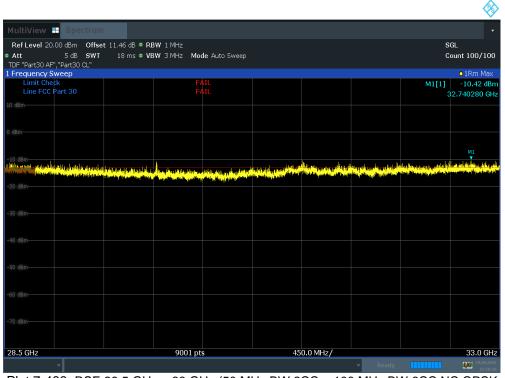
Plot 7-481. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 201 of 466	
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1st Marker Frequency: 29.941 GHz Margin: 9.76 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 ÷ -30 -40 PCTEST G ud to be po 0 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)

Plot 7-482. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Mid TRP)



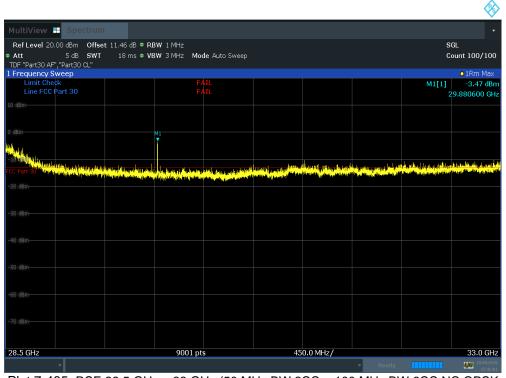
Plot 7-483. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 302 of 466
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				(4)
MultiView 🗄 Spectrun	n			
Ref Level 20.00 dBm Offse	et 11.46 dB • RBW 1 MHz			SGL
Att 5 dB SWT	18 m s ● VBW 3 MHz Mod	le Auto Sweep		Count 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep				•1Rm Avg
Limit Check	PA PA	SS		M1[1] -13.97 dBr
Line FCC Part 30	PA	SS		29.880600 GH
-10 dBm	M1			
	MI			
-20 dBm	de seu en tra			and the second
-20 UBII				
28.5 GHz	9001 pts		450.0 MHz/	33.0 GH:
			~	Ready 29.09.202 15:50:4

Plot 7-484. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 45, Final)



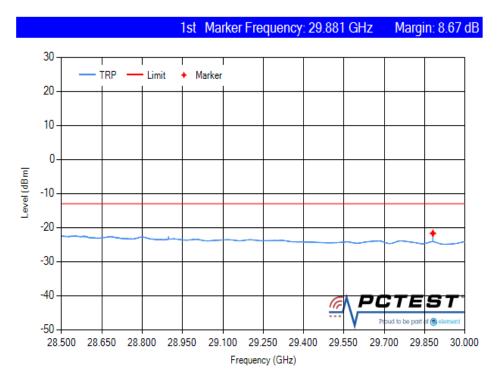
Plot 7-485. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Page 303 of 466
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MultiView 🖶 Spectrum				
RefLevel 20.00 dBm Offset 11.	.46 dB • RBW 1 MHz		SG	L
	18 ms • VBW 3 MHz Mode Auto Sweep		Co	unt 100/100
TDF "Part30 AF","Part30 CL"				
1 Frequency Sweep Limit Check	FÁTI		M2[1]	•1Rm Avg -11.27 dBm
Line FCC Part 30	FAIL FAIL			502250 GHz
10 dBm				-6.16 dBm
				.880600 GHz
0 dBm	M1			
	T			
M2 -10 dBm				
FCC Rept130				
-20 dBm		and the second		and the second state of th
-30 dBm-				
-40 dBm				
-50 dBm-				
-60 dBm				
-70 dBm				
		450.00.00		00.0.01
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
			▼ Ready	29.09.2020 15:42:37

Plot 7-486. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid Ant. Angle 135, Final)



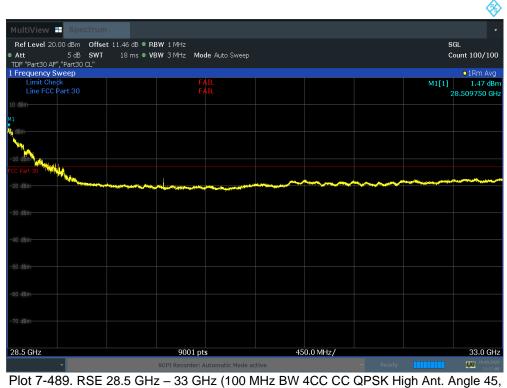
Plot 7-487. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Mid TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 204 of 466
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MultiView 🕂 Spectrum					•
RefLevel 20.00 dBm Offse Att 5 dB SWT	t 11.46 dB ● RBW 1 MHz 18 ms ● VBW 3 MHz Mo	de Auto Sweep			SGL Count 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep					•1Rm Max
Limit Check M1 Line FCC Part 30	F	41L 41L		M1[
-10 dBm					
FCC Part 30					, provinsi provinsi kanga k Kanga kanga kang Kanga kanga kang
-30 dBm-					
-40 dBm-					
-60 dBm					
28.5 GHz	9001 pt	s	450.0 MHz/		33.0 GHz
~		Automatic Mode active		Ready	





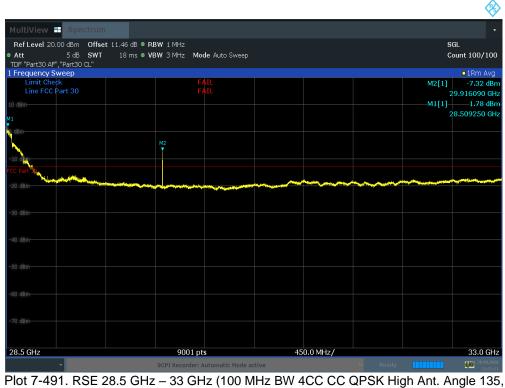
Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 205 of 400
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MultiView 🕂 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 d	IB • RBW 1 MHz			SGL
Att 5dB SWT 18m	ns • VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF", "Part30 CL"				
l Frequency Sweep Limit Check	EAT			• 1Rm Max [1] 9.64 dBm
Line FCC Part 30	FAIL		M1	28.523750 GHz
11 0 dBm				201020700 0112
Mar				
-10 dBm-				فرادا ورجاداريه إيرماس وارج
CC Part 30				
-20 dBm		internet and internet in the second sec		
-30 dBm				
-40 dBm				
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
*	SCPI Recorder: Automatic Mode a	active	• Ready	28.09.2020

Plot 7-490. RSE 28.5 GHz - 33 GHz (100 MHz BW 4CC CC QPSK High Ant. Angle 135)

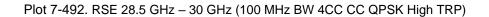


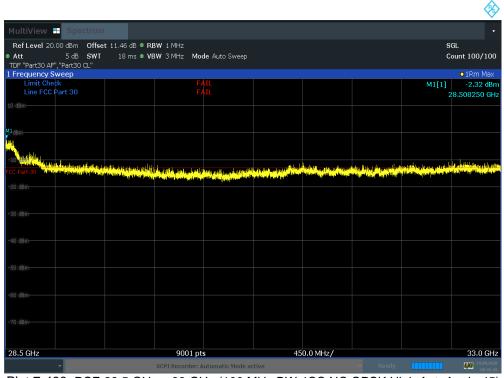
Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 200 of 400
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1st Marker Frequency: 28.507 GHz Margin: 4.19 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 1 -30 -40 PCTEST G ud to be po 18 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)





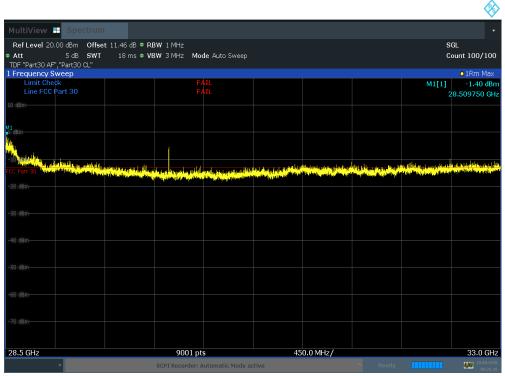
Plot 7-493. RSE 28.5 GHz - 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 207 of 400
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MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 dB =	RBW 1 MHz			SGL
	VBW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL"				
1 Frequency Sweep Limit Check	5 41			•1Rm Avg
Limit Check Line FCC Part 30	FAIL		N	41[1] -9.30 dBm 28.508750 GHz
10 dBm				28,508750 GHZ
0 dBm				
41				
10 dBm				
CC Nart 30				
-20 dBm-		and the second designed to the second designe		
-30 dBm				
-50 dBm				
	0004			
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
*	SCPI Recorder: Automatic Mode	active	🔻 Ready	29.09.2020 00:35:51

Plot 7-494. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 45, Final)



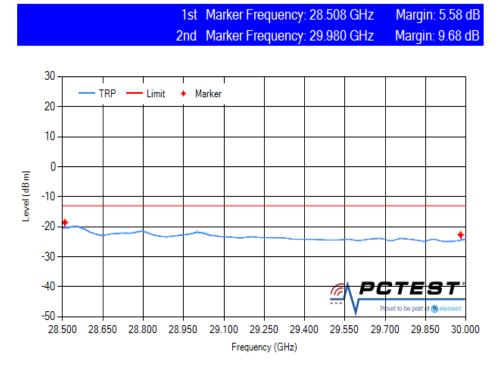
Plot 7-495. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135)

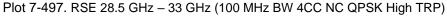
FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dogo 200 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Page 308 of 466
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MultiView 📰 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 dB •	RBW 1 MHz			SGL
	/BW 3 MHz Mode Auto Sweep			Count 100/100
TDF "Part30 AF", "Part30 CL"				
1 Frequency Sweep Limit Check	FÁTI		M2[1]	• 1Rm Avg -9.64 dBm
Line FCC Part 30	FAIL		WZ[1]	29,983090 GHz
10 dBm			M1[1]	
				28.508250 GHz
0 dBm-				
M1				
	M2			
-10 dBm				
FCC Part 30				
-20 dBm-	a second and the second se	and the second design of the s	and the second s	
-30 dBm-				
-40 dBm-				
- Ho doin				
-50 dBm-				
-60 dBm-				
-70 dBm				
28.5 GHz	9001 pts	450.0 MHz/		33.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive	🔹 Ready	29.09.2020 00:26:54

Plot 7-496. RSE 28.5 GHz – 33 GHz (100 MHz BW 4CC NC QPSK High Ant. Angle 135, Final)



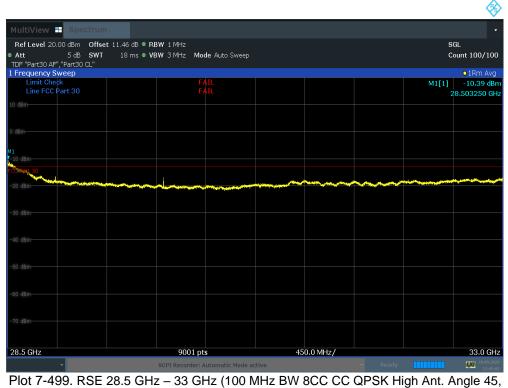


FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 200 of 400
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					(*)
MultiView 🖿 Spectrum					•
Ref Level 20.00 dBm Offset	t 11.46 dB • RBW 1 MHz				SGL
Att 5dB SWT	18 m s o VBW 3 MHz Moo	de Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep					●1Rm Max
Limit Check	F/	IL			M1[1] 0.31 dBm
Line FCC Part 30		AIL			28.573740 GHz
М1					
0 Bm					
din.					
- 1 (1 Minute h					
CC Part 30 PURISHING FOR A STREET	in a substant of the substant	الالاردية أحاطها إبرياد وارد ورابا والقله		in Mension Attack in the Maria	n I., na ishi kumbulan ishi si k
-20 dBm-	Manufacture of the state of a sta	discipline, a line difficient of the second of the second of	and a second sec	dimension and a second	
-20 UBM					
-30 dBm					
28.5 GHz	9001 pt	s	450.0 MHz/		33.0 GHz
	SCPI Recorder: A	utomatic Mode active			28.09.2020 22:44:57





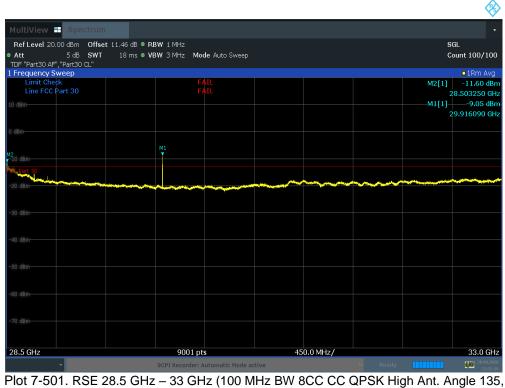
Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Daga 210 of 466
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MultiView 🗄 Spectrum	n				
Ref Level 20.00 dBm Offs	et 11.46 dB • RBW 1 MHz				SGL
Att 5 dB SWT	18 ms • VBW 3 MHz Mo	de Auto Sweep			Count 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep					• 1Rm Max
Limit Check Line FCC Part 30	F/ F/	ATL ATL		M1[1]	-2.43 dBn 28.528250 GH
dBm					
CC Part St 1997 - 1997 - 1997 - 1997					اندر برایان روانده رواند. روانده بروانده از مراکد بروانده روانده بروانده روانده بروانده بروانده بروانده بروانده بروانده بروانده بروانده ب
-20 dBm-					
-50 dBm-					
28.5 GHz	9001 pt		450.0 MHz/		33.0 GHz
	SCPI Recorder: A	sutomatic Mode active	~	Ready	28.09.2020 22:51:55

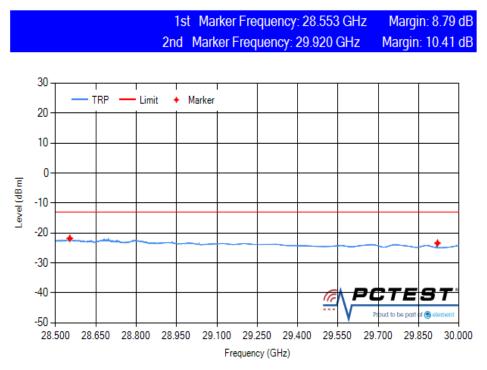


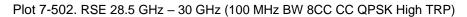


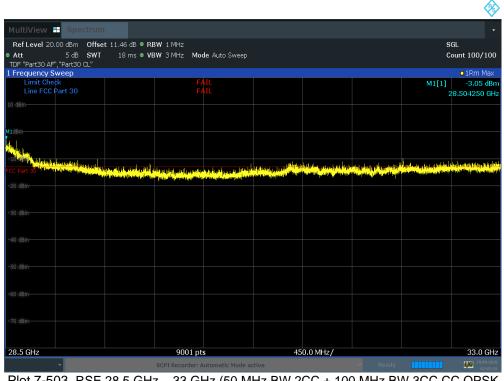
Final)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 211 of 466
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Plot 7-503. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 240 of 400
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Ref Level 20.00 dbm Offset 11.46 db = RBW 1 MHz SGL Att 5 db SWT 18 ms = VBW 3 MHz Mode Auto Sweep • 1Rm Avg DF *part30 AF" (*Part30 CL" FAIL * 1Rm Avg • 1Rm Avg • 1Rm Avg Limit Check FAIL * 1Rm Avg • 1Rm Avg • 1Rm Avg Limit Check FAIL * 18 mg • 1Rm Avg • 1Rm Avg Umm - 1 Rm Avg * 1Rm Avg • 1Rm Avg • 1Rm Avg Umm - 1 Rm Avg * 18 mg • 11 dbm • 28.595740 GHz • 18 mg • 18 mg <td< th=""><th></th><th></th><th></th><th>(*)</th></td<>				(*)
Att 5 dB SWT 18 ms VBW 3 MHz Mode Auto Sweep Count 100/100 DF*Brain20 AF*/*Part30 CL* FAIL M2[1] -15.36 dBm 29.33160 GHz Limit Check FAIL M2[1] -15.36 dBm 29.33160 GHz UBm FAIL 29.33160 GHz 9.11 dBm 28.595740 GHz dBm M2 FAIL 28.595740 GHz 28.595740 GHz dBm M2 FAIL FAIL 28.595740 GHz dBm M2 FAIL FAIL FAIL 28.595740 GHz dBm M2 FAIL FAIL FAIL FAIL FAIL dBm M2 FAIL FAIL FAIL FAIL FAIL FAIL dBm M2 FAIL FAIL FAIL FAIL FAIL <th>MultiView 🕂 Spectrum</th> <th></th> <th></th> <th>•</th>	MultiView 🕂 Spectrum			•
DF "Part30 AF" "Part30 CL" O IRn Arg Cimit Check FAIL M2[1] -15.36 dBm Line FCC Part 30 FAIL 29.333160 GHz 9.333160 GHz dBm M2[1] -8.11 dBm 28.595740 GHz dBm M2[1] -8.11 dBm 28.595740 GHz dBm M2[1] -9.11 dBm 29.11 dBm dBm M2[1] -9.11 dBm 29.11 dBm	RefLevel 20.00 dBm Offset 11.46	6dB ● RBW 1 MHz		SGL
Frequency Sweep • 1 Rm Avg Limit Check FAIL M2[1] -15.36 dBm 1 29.333160 GHz 8.11 dBm 28.595740 GHz dBm M2 28.595740 GHz 28.595740 GHz 00 Bm 28.595740 GHz 28.595740 GHz 28.595740 GHz 00 Bm 28.595740 GHz 28.595740 GHz 28.595740 GH		3 ms • VBW 3 MHz Mode Auto Sweep		Count 100/100
Limit Check FAIL M2[1] -15.36 dBm 1 dBm -9.333 160 GHz 29.333 160 GHz 29.333 160 GHz 0 dBm -15.36 dBm 28.595740 GHz 28.595740 GHz 0 dBm -15.36 dBm 29.333 160 GHz 28.595740 GHz 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm -10 GBm -10 GBm 0 dBm -10 GBm -10 GBm -10 GBm -10 GBm -10 GBm <t< td=""><td></td><td></td><td></td><td>1 Dm Ava</td></t<>				1 Dm Ava
Line FCC Part 30 FAIL 29.333160 GHz M1[1] 8.11 dBm 28.595740 GHz	Limit Check	FAIL		, and the second se
Bin 28.595740 GHz Mi Mi Image: Mi Mi	Line FCC Part 30			
dBm M1 M2 M2 M3				
Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi Mi				28.595740 GHz
Image: Sector of the sector	0 dBm			
Image: Sector of the sector	M1			
Max Max <td>Ť.</td> <td></td> <td></td> <td></td>	Ť.			
10 dBm 10 dBm <td< td=""><td>M2</td><td></td><td></td><td></td></td<>	M2			
10 dBm 10 dBm <td< td=""><td>-CCHANGED</td><td></td><td></td><td></td></td<>	-CCHANGED			
10 dBm- 10	-20 dBm	٢٠٠٠ ٣٠٠ ٣٠٠ ٣٠٠ ٣٠٠ ٣٠٠ ٣٠٠ ٣٠٠ ٣٠٠ ٣٠٠		
10 dBm- 10				
00 dBm- 10				
00 dBm- 10				
0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
0 dBm 0 dBm 8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-50 dBm-			
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz	-00-46H			
8.5 GHz 9001 pts 450.0 MHz/ 33.0 GHz				
	-70 dBm			
	28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz

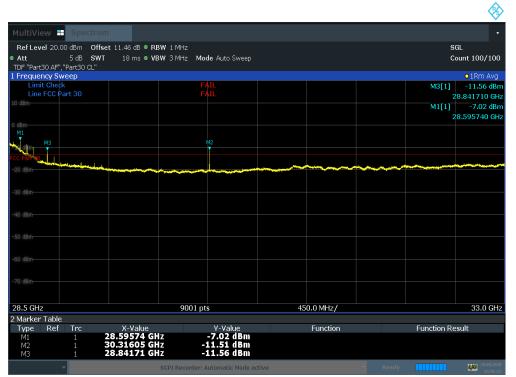
Plot 7-504. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 45, Final)



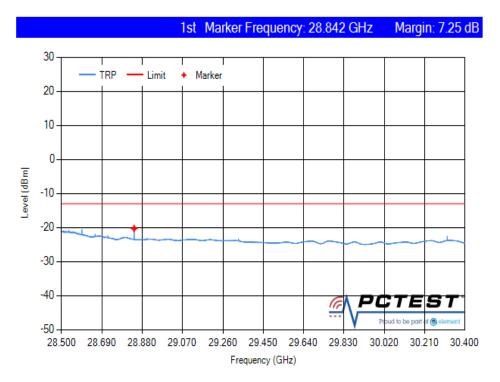
Plot 7-505. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	SAMSUNG		Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 242 of 400
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Plot 7-506. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High Ant. Angle 135, Final)



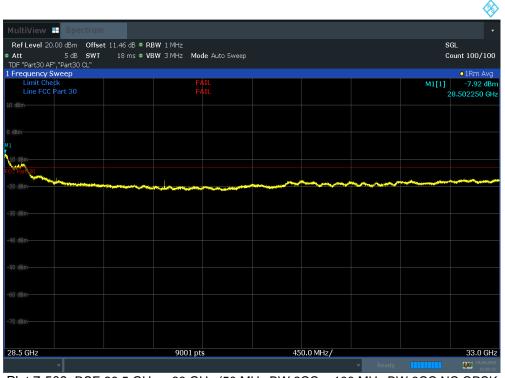
Plot 7-507. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK High TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dogo 214 of 466	
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 314 of 466	
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MultiView 🗄 Spectrur	n						-
Ref Level 20.00 dBm Offs	et 11.46 dB • RBW 1 MHz					S	GL.
Att 5dB SWT		de Auto Sweep				Co	ount 100/100
TDF "Part30 AF","Part30 CL"							
1 Frequency Sweep Limit Check		471					o1Rm Max
Line FCC Part 30		ATL				M1[1]	2.65 dBn 8.507250 GH;
.0 dBm						2	8.507250 GH
dBm							
haddha.							
10 dBm black							
CC Dart al	ومعتقدهم والمراجع والمراجع والمتعالية والمتعادي والمتعادية والمتعادية		المتحاط والمرابي والمتعالم والم	and the particular tenter	the statement in such that is	ويتبعينا ويهروا ويكفنا بالتسا	فإستقارف لأطف فأستر
	and the other states and the second states are stated		Salaria and Salaria	الدور والثلور وملاحين واللفخمال	التنافينية والتمريك القائد وطا		ole to reading the star
-20 dBm							
40 dBm							
60 dBm							
-70 dBm							
28.5 GHz	9001 pt	te la	_45	0.0 MHz/			33.0 GHz
2010-0112			+3		Dendu		
▼					▼ Ready		29.09.2020 15:05:40

Plot 7-508. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 45)



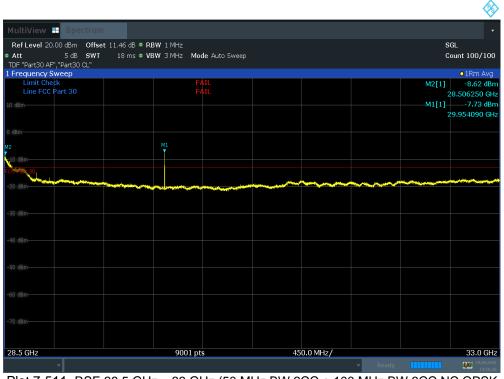
Plot 7-509. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element			Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dena 245 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 315 of 466
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MultiView 🖿 Spectrur	m						-
Ref Level 20.00 dBm Offs	et 11.46 dB • RBW 1 MHz 1					S	31.
Att 5dB SW1		Mode Auto Sweep					 ount 100/100
TDF "Part30 AF","Part30 CL"							
1 Frequency Sweep Limit Check		C A TI					• 1Rm Max
Line FCC Part 30		FAIL				M1[1]	2.14 dBn
.0 dBm						2	8.500250 GH
a dBm							
المريبا							
C Part 30 The state of the second sec		tota calification and condition	والمأجل أربيه والمتأولة	a de la composition d	an a bha a fa far a bha an th	iste te frigte liftere staat di	م يقور إلى بناداة عملة في و مرجع المرجع المرجع المرجع
condition of providing	and the second	and a state of the second second	California (Statis	and the first of the second	The state of the second second		
-20 dBm							
40 dBm							
60 dBm							
-70 dBm							
28.5 GHz	900	1 pts	45	0.0 MHz/			33.0 GH
	900	1913			Dorde		
	i i i i i i i i i i i i i i i i i i i				▼ Ready		29.09.202 14:55:5

Plot 7-510. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 135)



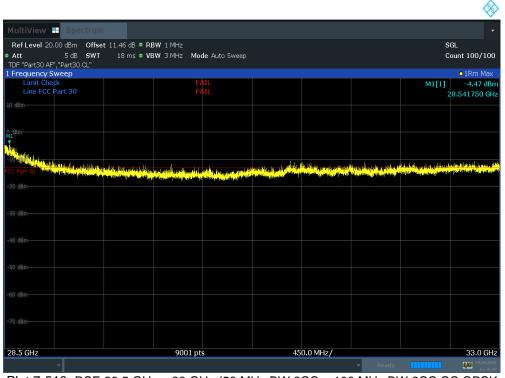
Plot 7-511. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dama 24.0 of 400	
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1st Marker Frequency: 28.502 GHz Margin: 8.64 dB 30 TRP Limit Marker 20 10 0 Level (dBm) -10 -20 -30 -40 PCTEST G ud to be po 0 -50 28.500 28.650 28.800 28.950 29.100 29.250 29.400 29.550 29.700 29.850 30.000 Frequency (GHz)

Plot 7-512. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK High TRP)



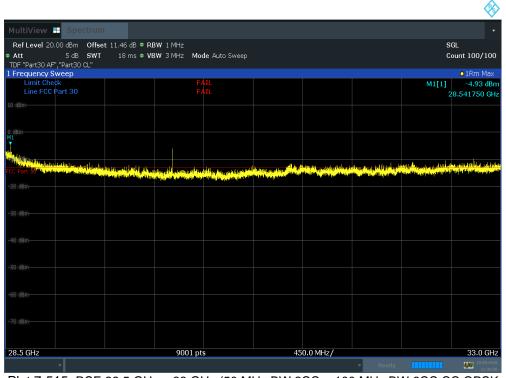
Plot 7-513. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 45)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 217 of 466	
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MultiView 🎛 Spectrum					•
Ref Level 20.00 dBm Offset 11.46 dB • RB	W 1 MHz				SGL
	W 3 MHz Mode Auto Sweep				Count 100/100
TDF "Part30 AF","Part30 CL"					
1 Frequency Sweep					●1Rm Avg
Limit Check Line FCC Part 30	FAIL				M1[1] -10.25 dBm
	TAIL				28.541750 GHz
M1					
-10 dBm					
-COVart 3U					
-20 dBm		and a second	and the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
-30 dBm					
28.5 GHz	9001 pts	450	0.0 MHz/		33.0 GHz
				▼ Ready	29.09.2020 12:36:57

Plot 7-514. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 45, Final)



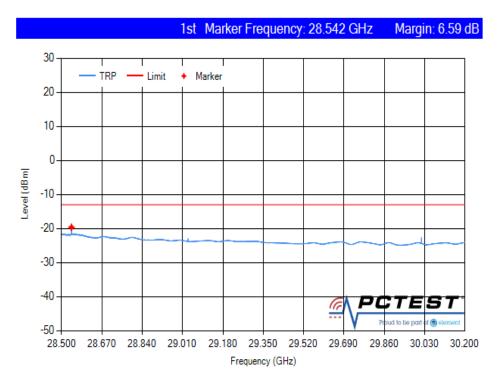
Plot 7-515. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 135)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 210 of 466	
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MultiView 🖬 Spectrum			
Ref Level 20.00 dBm Offset	11.46 dB • RBW 1 MHz		SGL
● Att 5 dB SWT	18 ms • VBW 3 MHz Mode Auto Sweep		 Count 100/100
TDF "Part30 AF","Part30 CL"			
1 Frequency Sweep Limit Check	EATI		• 1Rm Avg M2[1] -9.44 dBm
Line FCC Part 30	FAIL		M2[1] -9.44 dBm 30.016080 GHz
10 dBm			M1[1]8.97 dBm
10 4011			28.541750 GHz
0 dBm			
M1			
-10 dBm			
Mic Part 30			
-20 dBm-	فالمؤالي ومداور والمراجع والمحاجب والمحاجب والمحاجب والمحاجب والمحاجب والمحاجب والمحاجب والمحاجات	and the second	
-30 dBm			
-30 080			
-40 dBm			
-50 dBm			
-60 dBm-			
CC CDM			
-70 dBm			
28.5 GHz	9001 pts	450.0 MHz/	33.0 GHz
			▼ Ready 20.09.2020
			12:45:21

Plot 7-516. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High Ant. Angle 135, Final)



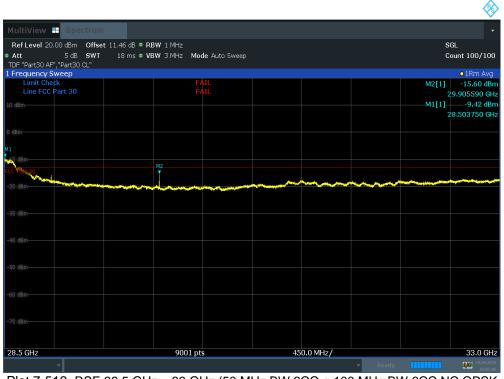
Plot 7-517. RSE 28.5 GHz – 30.2 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK High TRP

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 210 of 466	
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 319 of 466	
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MultiView 🖶 Spectrum							•
Ref Level 20.00 dBm Offset	t 11.46 dB • RBW 1 MHz					S	GL
●Att 5dB SWT	18 ms • VBW 3 MHz Mo	de Auto Sweep				C	ount 100/100
TDF "Part30 AF","Part30 CL" 1 Frequency Sweep							o1Rm Max
Limit Check	F/	AIL AIL				M1[1]	-2.32 dBm
Line FCC Part 30		AIL					8.542250 GHz
MJBm-							
-10 Son Linear							line and a start of the
FCC Part 30	(Alifernia and Marill good as partices and for the former of Alifernia and Alifernia and Alifernia and Alifernia A statement of the former of	and an in the second second					
-20 dBm	A REAL PROPERTY AND A REAL	a state of the second					
-30 dBm							
-40 dBm							
-50 dBm-							
-60 dBm							
-70 dBm-							
28.5 GHz	9001 pt	s	45	0.0 MHz/			33.0 GHz
~					▼ Ready		29.09.2020 16:04:31

Plot 7-518. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 45)



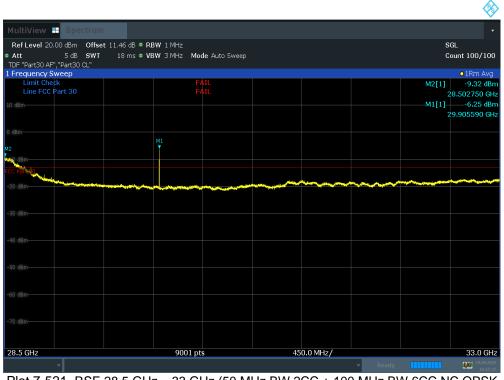
Plot 7-519. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dega 220 of 466	
8K20090901-R2.A3L	09/10/2020-10/08/2020	G Access Unit		Page 320 of 466	
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MultiView 🕂 Spectru	ım							•
Ref Level 20.00 dBm Of	fset 11.46 dB 🔍 RE	3W 1 MHz					s	GL
Att 5 dB SW	/T 18 ms ● VE	W 3 MHz Moo	le Auto Sweep				C	ount 100/100
TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep								o1Rm Max
Limit Check Line FCC Part 30			IL IL				M1[1]	-0.90 dBn 8.542250 GH
dBm-								
CC Part 30	diametropoli de la competencia	te Angeler Proposition	المتأطقة ولقاريه خارب يتناكر			alde dage finster at the	alay a sa balang dalam	این مانداز رو الطاطرانی اس این در والیونانی داخلی ماندر میز
-20 dBm	and the second	وإيقائه وريدة فتعييه وأطرعته وطاه	الاختلافينية ويتقور إعار اللعاقة	and these products	er en			
30 dBm								
-40 dBm								
-50 dBm-								
-60 dBm								
-70 dBm								
		0001						
28.5 GHz		9001 pt:	5	45	0.0 MHz/	Devel		33.0 GHz
						▼ Ready		29.09.2020 16:14:48

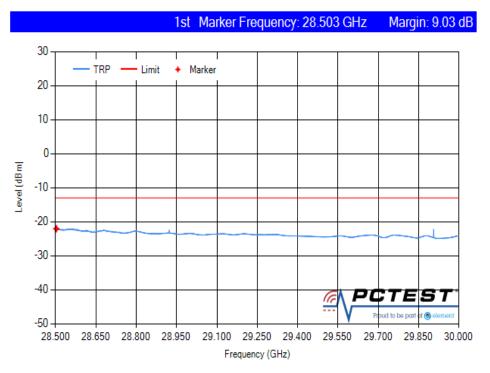
Plot 7-520. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 135)



Plot 7-521. RSE 28.5 GHz – 33 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dama 201 of 100	
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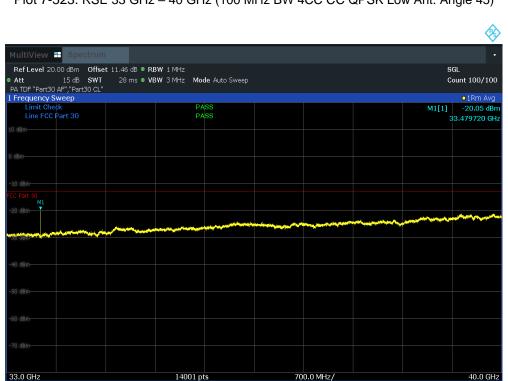
Plot 7-522. RSE 28.5 GHz – 30 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK High TRP)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element			Approved by: Quality Manager	
Test Report S/N:	Test Dates:	EUT Type:		Dage 222 of 466	
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 322 of 466	
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7.5.5 Radiated Spurious Emissions Plots (33 GHz to 40 GHz)





Plot 7-523. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45)

Plot 7-524. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 45. Final)

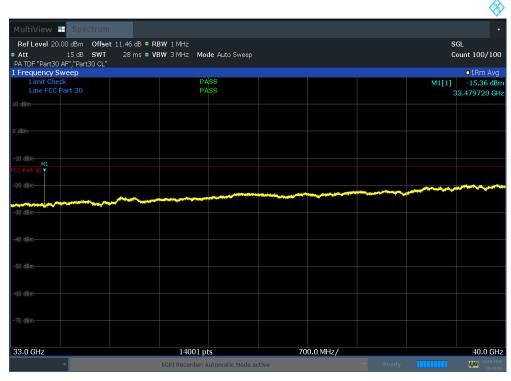
LXI

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 202 of 466
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MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 1 Att 15 dB SWT PA TDF "Part30 AF","Part30 CL"	.1.46 dB ● RBW 1 MHz 28 ms ● VBW 3 MHz Mode Auto:	Sweep		SGL Count 100/100
I Frequency Sweep				• 1Rm Max
Limit Check Line FCC Part 30	FÁIL FÁIL		N	41[1] -12.99 dBm 33.479720 GHz
10 dBm M1		Tel bail I bis Alpendi I ang a penalah kanana a	n addimenta o totali dhe as a tabali <mark>dheef</mark> i	
	er beite des graanst konst besternen der besternen het bester het besternen besternen. Andere der en graansternen andere en gesternen besternen der besternen besternen.		lan alah 1999, yang berten selat ang tapa tahun 1999. Ang ang ang ang ang ang ang ang ang ang a	and a star of the line of the
-40 dBm-				
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
	SCPI Recorder: Automatic	Mode active		28.09.2020 20:47:47





Plot 7-526. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Low Ant. Angle 135. Final)

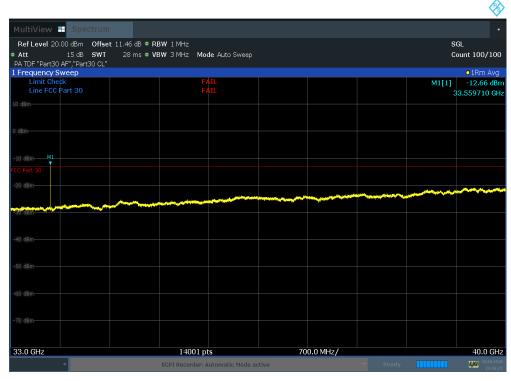
FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 224 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Page 324 of 466
O DODE DOTE OT			DK OD 46 00 Dev 02



MultiView 🖶 Spectrum			•
RefLevel 20.00 dBm Offset 11.46 dB • R	BW 1 MHz		SGL
	BW 3 MHz Mode Auto Sweep		Count 100/100
PA TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep			•1Rm Max
Limit Check Line FCC Part 30	FÁIL FÁIL		M1[1] -10.34 dBm 33.559710 GHz
10 dBm-			
M1			
-10 dBm			
CC Part 30	the state of the second difference	ndalari in an	a search air an aite an the state of the search and the search and the state of the state of the state of the s
	in a prime set in the set of the	and the state of the	A COLORED STOLEN ST
anny dick of the state of the			
-30 dBm			
-40 dBm			
-50 dBm-			
-60 dBm			
33.0 GHz	14001 pts	700.0 MHz/	40.0 GHz
•	SCPI Recorder: Automatic Mode a		Ready 28.09.2020

 $\mathbf{\Lambda}$





Plot 7-528. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 45, Final)

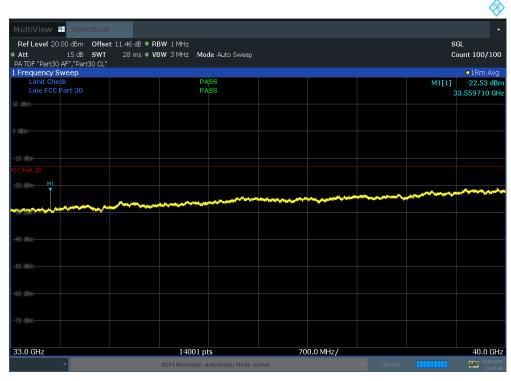
FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 225 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Page 325 of 466
O ANAL DOTEOT			DK OD 10 00 Dev 02



				(*)
MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 11	46 dB • RBW 1 MHz			SGL
	28 ms • VBW 3 MHz Mode Auto	Sweep		Count 100/100
PA TDF "Part30 AF","Part30 CL" 1 Frequency Sweep				●1Rm Max
Limit Check	FAIL			M1[1] -12.51 dBm
Line FCC Part 30				39.958250 GHz
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-20 dBm	descentilitation and the state floor it and state to a state of the state		and the second	البالدر تحذر وفالمتحكال فيراقل ورعائل ورعائل
and a second	henniki an ya katelekati na katelekati na katelekati na katelekati na katelekati na katelekati na katelekati n Marti katelekati na katelek			
-50 dBm				
-60 dBm-				
-70 dBm-				
33.0 GHz	14001 pts	700.0 MHz		40.0 GHz
▼	SCPI Recorder: Automati	c Mode active		28.09.2020 23:19:36

 $\mathbf{\Lambda}$

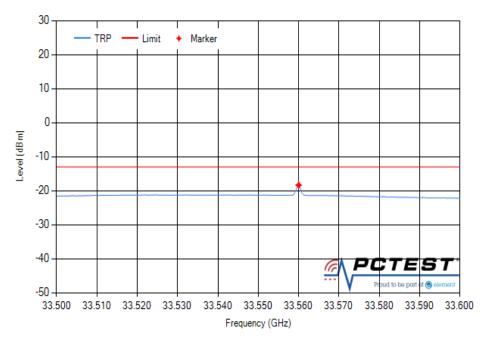


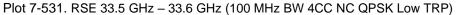


Plot 7-530. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Low Ant. Angle 135 Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Dega 206 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Page 326 of 466
O ANAL DOTEOT			DK OD 10 00 Dev 02

1st Marker Frequency: 33.560 GHz Margin: 5.33 dB



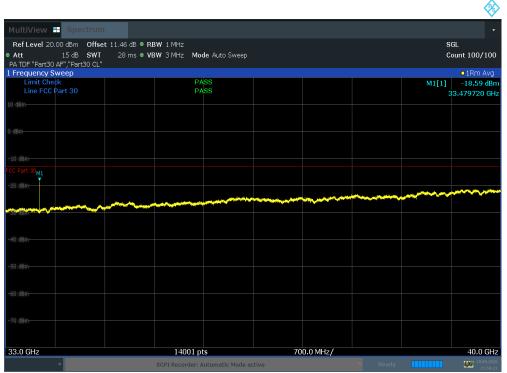




Plot 7-532. RSE 33 GHz - 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 227 of 466
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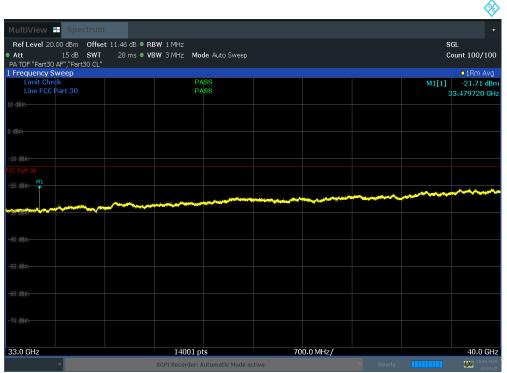
Plot 7-533. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 45, Final)



Plot 7-534. RSE 33 GHz - 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 200 of 400
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 328 of 466
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Plot 7-535. RSE 33 GHz – 40 GHz (100 MHz BW 8CC CC QPSK Low Ant. Angle 135, Final)



Plot 7-536. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 220 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 329 of 466
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A TDE "Part30 AF" "Part30 CL" Frequency Sweep O IBm Awg Limit Check PASS PASS M1[1] -20.17 dBm 33.480220 GHz dBm O 06m O 0					
Ret Level 20.00 dbm offset 11.46 db * RBW 1 MHz SGL Att 15 db SWT 28 ms * VBW 3 MHz Mode Auto Sweep • IRm Avg The "Perso AF" "Parts0 AL" • PASS • M1[1] • 20.17 dbm The CC Part 30 PASS M1[1] • 20.17 dbm dm • All • PASS M1[1] • 20.17 dbm dm • All • PASS M1[1] • 20.17 dbm dm • All • PASS M1[1] • 20.17 dbm dm • All • PASS M1[1] • 20.17 dbm dm • All • PASS M1[1] • 20.17 dbm dm • All • All • All • All • All dm • All • All • All • All • All dm • All • All • All • All • All • All 0 dm • All 0 dm • All • All <th>MultiView 🖶 Spectrum</th> <th></th> <th></th> <th></th> <th>•</th>	MultiView 🖶 Spectrum				•
Att 15 dB SWT 28 ms + VBW 3 MHz Mode Auto Sweep Count 100/100 ATDF "Har30 AP", "Far30 APP, "Fa		dB • RBW 1 MHz			SGL
••14m Avg Limit Check PASS M1[1] -20.17 dBm ddm PASS PASS <td>• Att 15 dB SWT 28</td> <td></td> <td></td> <td></td> <td>Count 100/100</td>	• Att 15 dB SWT 28				Count 100/100
Limit Check PASS M1[1] -20.17 dBm dBm 33.480220 GHz 33.480220 GHz dBm 33.480220 GHz 33.480220 GHz dBm 33.480220 GHz 33.480220 GHz dBm 33.480220 GHz 34.0220 GHz 0 dBm 30.0000 34.0000 34.0000 0 dBm 34.0000 34.0000 34.0000 0 dBm 34.0000 34.0000 34.0000 0 dBm 34.00000 34.0000 34.00000 0 dBm 34.00000 34.00000 34.00000 0 dBm 14001 pts 700.00000 44.00000					
Line FCC Part 30 PASS 33.480220 GHz	Limit Check	PASS		M1[1]	
dam	Line FCC Part 30				
0 dBm F Part 30 0 dBm 0 dBm					
0 dBm F Part 30 0 dBm 0 dBm					
0 dBm F Part 30 0 dBm 0 dBm	0 dBm				
E Part 30 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 14001 pts 700.0 MHz/ 40.0 GHz					
E Part 30 0 dBm 0 dBm 14001 pts 700.0 MHz/ 40.0 GHz					
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 14001 pts 700.0 MHz/ 40.0 GHz 40.0 GHz					
0 dem- 0 dem-					
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 14001 pts 700.0 MHz/ 40.0 GHz	-20 dBm-				
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0 dBm- 0 dBm- 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	30 aam				
0 dBm- 0 dBm- 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
0 dBm- 0 dBm- 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
0 dBm- 0 dBm- 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
0 dBm- 0 dBm- 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	-50 dBm				
0 d8m 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
0 d8m 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	-ou ubm				
3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz					
	33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
SCPI Recorder: Automatic Mode active	~	SCPI Recorder: Automatic Mode a		▼ Ready	29.09.2020

Plot 7-537. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 45, Final)



Plot 7-538. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 220 of 466
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MultiView 🖶 Spectrum				•
Ref Level 20.00 dBm Offset 1	11 46 dB • BBW 1 MHz			SGL
Att 15 dB SWT	28 ms • VBW 3 MHz Mode Auto Sweep			Count 100/100
PA TDF "Part30 AF", "Part30 CL" 1 Frequency Sweep				•1Rm Avg
Limit Check	PASS		M1[1]	-20.54 dBm
Line FCC Part 30	PASS			33.480220 GHz
) dBm				
-20 dBm				
		-	and the second designed and the second designed and the second designed and the second designed and the second	
State and the second				
-40 dBm				
-50 dBm				
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
	SCPI Recorder: Automatic Mode a	ctive		29.09.2020 00:59:46

Plot 7-539. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC CC QPSK Low Ant. Angle 135, Final)



Plot 7-540. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 221 of 466
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Spectrum SGL Ref Level 20.00 dbm Offset 11.46 db ® RBW 1 MHz SGL Att 15 db SWT 28 ms ® VBW 3 MHz Mode Auto Sweep Count 100/10 AT DF "Per30 AF", 'Per300 CL" Frequency Sweep • IBm Aw • IBm Aw Limit Check PASS M1[1] • IB-46 dt • IBm Aw dim I I I I I I I I I I I I I I I I I I I						
Att 15 dB SWT 28 ms * VBW 3 MHz Mode Auto Sweep Count 100/10 ATDF *Par30 AP* *Par30 CP* - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	IultiView 🕂 Spectrum					
A TDF "Part30 AF", "Part30 CL" A TDF "Part30 AF", "Part30 AFT, "Part30 AF", "Part30 AFT, "P	Ref Level 20.00 dBm Offse	t 11.46 dB • RBW 1 MHz			SGL	
O 18m Av Limit Check PASS M1[1] -18.46 dt d8m A PASS 33.525210 dt d8m A A A 0 d8m A A A		28 m s ● VBW 3 MHz M	ode Auto Sweep		Count 100	/10
Limit Check PASS M1[1] -13.46 df Jdsm 33.525210 df 33.525210 df dsm 33.						
Line FCC Part 30 PASS 33.525210 G 33.52521			455			
d8m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1<						
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C Pert 30 M1 0 dBm 0 dBm						
C Pert 30 M1 0 dBm 0 dBm						
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 14001 pts 700.0 MHz/ 40.0 GH						
0 dBm 0 dBm						
0 dBm 0 dBm	0 dBm					
6 GBm 0 GBm 0 GBm 0 GBm 0 GBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GH					and the second s	A MARINA
0 dBm 0 dBm 0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	and the second					
0 dBm 0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	ordBin					
0 dBm 0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
0 dBm 0 dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G	0 dBm					
0.dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
0.dBm 3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
3.0 GHz 14001 pts 700.0 MHz/ 40.0 G						
🔻 Ready 🚺 🗰 🖬 🗰 🖬						

Plot 7-541. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 45, Final)



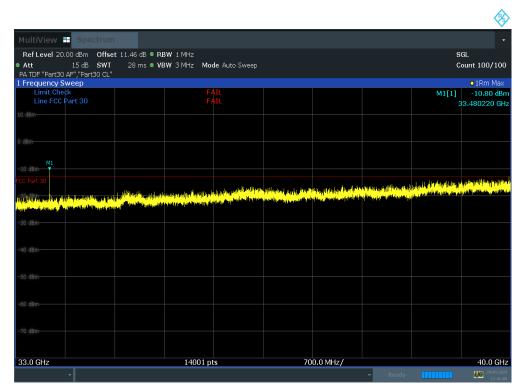
Plot 7-542. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 135)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 222 of 466
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				le l
AultiView 🗄 Spectrum				-
Ref Level 20.00 dBm Offset 11.46 dB	• RBW 1 MHz			SGL
	• VBW 3 MHz Mode Auto Sweep			Count 100/100
A TDF "Part30 AF","Part30 CL" Frequency Sweep				•1Rm Avg
Limit Check	PASS			M1[1] -19.88 dBr
Line FCC Part 30	PASS			33.525210 GH
20 dBm				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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Statistics and a statistic and a				
O dBm				
50 dam-				
i0 d8m	14001 pts	700.0 MHz/		40.0 GH

Plot 7-543. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 3CC NC QPSK Low Ant. Angle 135, Final)



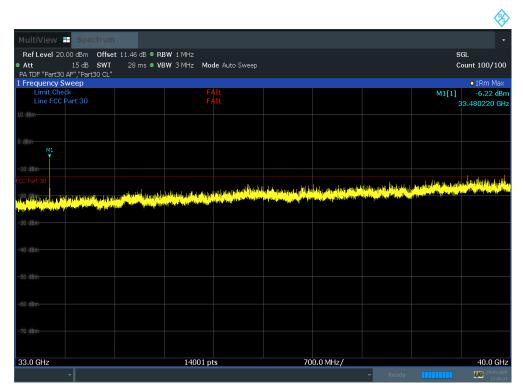
Plot 7-544. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 45)

FCC ID: A3LAT1K04-B00		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 222 of 466
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					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
MultiView 🔲 Spectru	m				-
Ref Level 20.00 dBm Offs	set 11.46 dB ● RBW 1 MHz				GL
Att 15 dB SW	T 28 m.s ● VBW/3 MHz Mo	ode Auto Sweep		(	Count 100/100
PA TDF "Part30 AF", "Part30 Cl					
Frequency Sweep Limit Check		ASS			• 1Rm Avg -16.06 dBr
Line FCC Part 30		ASS		M1[1]	-16.06 dBn 33.480220 GH
0 dBm					33.400220 011
C Part 30 V					
20 dBm					
Lo dem					and the second
ar tilling an	water and the second	and the second			
Sortium					
50 dBm					
60 dBm					
	14001 г	ots	700.0 MHz/	Ready	40.0 GH:

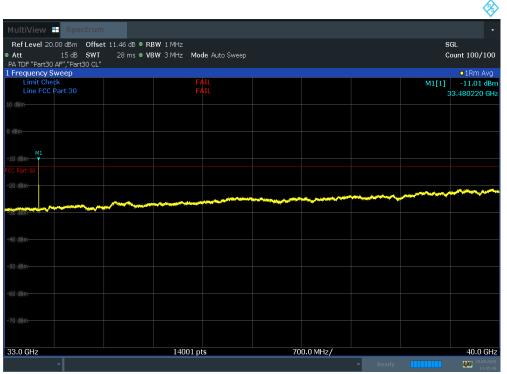
Plot 7-545. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 45, Final)



Plot 7-546. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 135)

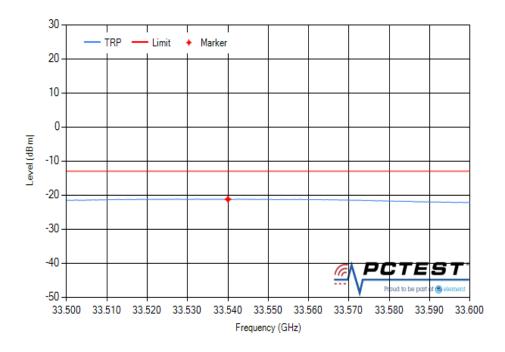
FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 204 of 400
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Plot 7-547. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low Ant. Angle 135, Final)

1st Marker Frequency: 33.540 GHz Margin: 8.22 dB



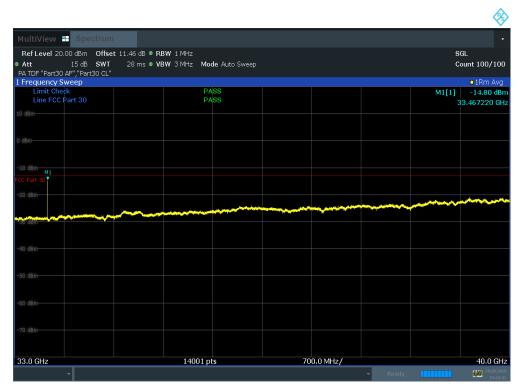
Plot 7-548. RSE 33.5 GHz – 33.6 GHz (50 MHz BW 2CC + 100 MHz BW 6CC CC QPSK Low TRP)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 225 of 466
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1ultiView 🛨 Spectrum	1							
Ref Level 20.00 dBm Offse	et 11.46 dB • RB	N/1 MHz					S	GL
Att 15 dB SWT		N/3 MHz Mod	<b>le</b> Auto Sweep				c	ount 100/10
A TDF "Part30 AF","Part30 CL" Frequency Sweep								• 1Rm Max
Limit Check		FA	IL				M1[1]	-12.14 dB
Line FCC Part 30		FA	VIL .					33.467220 GH
10 dBm <u>M1</u>								
C Part 30							tau kakalulu kusati u	فالاربيان الطبقان أأشيريا
			a dah la malikataki sahia	dia di da dia malitari	inky last on distriction			
20 dBm Tuttin a Lite of the second difference		ang baga da polatija Madala da entite Regioner se			in dia kaominina dia kaominina Manjary dia kaominina dia k		ta ita dalamba kanika Kanga kananan ara	
o dem tale des l'histores de findrider son Aufligen als des la des des des des des des gendes anstanden des des des des des des des gendes		nglannak, poktajakterika, energia svojemen armeni tine etnika ker				alden van die staat die staat Netwoord die staat die Netwoord die staat di	u diti di terti da barakan Manana di terti da barakan Manana di terti da barakan di t	
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19 digama da para tang tang tang tang tang tang tang tan		nde na frekreke konsta Seten seten der store ko	g a dak ila ten il kale de kale de Manga provinsi de provinsi de provinsi Manga provinsi de provinsi de provinsi de provinsi Manga provinsi de provinsi de provinsi de provinsi de provinsi Manga provinsi de provinsi Manga provinsi de provinsi d	Histickin, daga dikani Provinsi kang dikani	freder for de la constante de la constante Presentação de la constante de Presentação de la constante de	dita yang ita ang kang kang kang kang kang kang kang	ta (filma and an	i pendika kata pangan panta kata pangan pangan panta kata pangan pangan
C Part 30 20 June 1994 Bart Part Part (1996 Bart (1996 Bart)) Bart (1996 Bart) (1996 Bart) (1996 Bart) Bart (1996 Bart) 10 dBm-		ng dag mada praktiga kang dag ang dag Ing dang ng ang mang ding pang dag dag Ing dang ng ang mang ding pang dag dag dag dag dag dag dag dag dag da	g ta aki in ten <mark>kind aki aki kinda</mark> Aki panan ayta ta aki aki ata	kilontikhita, jainga a kilonti Tanata (angangangaka kilonti	in dia kaominina dia kaomin I aminina dia kaominina dia	station provide a financia de la construcción de la construcción de la construcción de la construcción de la co Nota de la construcción de la const	n (188), oʻni biro, ba pili ya 1997 yili ya (1997 yili ya shi ya	
19 digama da para tang tang tang tang tang tang tang tan		andre and produce the descent for an and the second data and the second s	a at a bailte ten bled de de die die die Geographie verschieft de die die die die die die die die die	like de felte ( sterne ditertit Terrete server) de felte set	n dia kaominina dia kaomini Ny faritr'ora dia kaominina d	alt for ground at the second state of the seco	an dan dan berken bernikan General dan bernikan	i yezen di dar da internet kan yezen di dar ngan di tematikan yezen di tematikan yezen di dari
19 digama da para tang tang tang tang tang tang tang tan		alig al fait field a com	a daki seri Akada kata kata da		i pitoj ka konstala da atalan Ingenerala da atalan	alda yang di Kang kang kang kang kang kang kang kang k	n (ny construction of the boost of the second of the secon	ng pangha dan pang pang pang pang pang pang pang pa
10 dBm- 10 dBm- 10 dBm- 10 dBm-		and an and the second sec	e dekilaren ile dek sete Men en ereken ereken ereken ereken Men ereken e	Hereiten an der Sterner Beerlingen an der Sterner Beerlingen an der Sterner	fra for jan kenne site ander kanne Gran gegeneren en geste ander	49 kg ang 10 km ling pa 10 km ling pa 10 km ling pa 10 km ling pang bang pang bang pang bang pang bang pang ban	n jetran in die Anna in die Anna in die Anna	ng ng ting ting ting ng ting ting ng ti Ng ting ting ting ng tin Ng ting ting ng
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9. dBm en viet and the second		an la cal de la grande de la calendaria. La calendaria de la calendaria	e en politika na politika kaj konstru Politika na politika na pol Politika na politika na pol	film of his and a second s	fa fin je stan u filozofa konst Hange or na de stan se se te se	tillenen i Kantinen Vie Generalisen i Kantinen vie		
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm		an la cal pring tang da sa	e en politica de la declara de la declara Novembre de la declara de l Novembre de la declara de l	film of his and his an	fa fin je skon u filozofia Provez se na na primer Provez se na na primera	tillenen i Kantinen Alle Generationen i Kantinen Alle		
0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm 0 dBm			e en gele i la con la de la de la de Porte de la conse en de la de la de la de Porte de la conse en de la de Porte de la de	film of his and his an	fa fa ja skon s ^a la sta kana Manga an sa			
10 dBm- 10 dBm- 10 dBm- 10 dBm-		14001 pt			o o MHz/			40.0 GH

Plot 7-549. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 45)



Plot 7-550. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 45, Final)

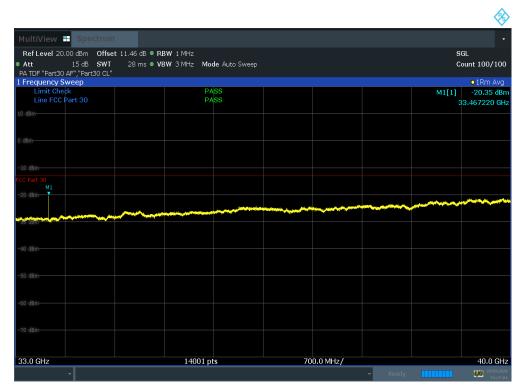
FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dogo 226 of 466
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MultiView 🗄 Spectrum				•
Ref Level 20.00 dBm Offset 11.46	5dB ● RBW 1 MHz			SGL
	3 ms ● VBW 3 MHz Mode Auto Swee	p		Count 100/100
PA TDF "Part30 AF","Part30 CL"				• 1Rm Max
l Frequency Sweep Limit Check	FÁIL		M1[	
Line FCC Part 30	FAIL FAIL			39.512280 GHz
				M1
		alah likasil da kuta sa si dalah na sa	وأحيانك وتقادين ويراعد ليناويه والتقيم	Halana an Haldelander, Henrik
		adah biyasti yang kapang pang biyastang pang biyastang kapang biyastang biyastang Kang biyastang biyang pang pang biyastang biyastang pang biyastang biyastang biyastang biyastang biyastang biya Kang biyastang biyastang biyastang pang biyastang biyastang biyastang biyastang biyastang biyastang biyastang b	aliterative alitic points a subscription of the	ار الاندريج والتفكر الطالية (ت. م. _ا ينه م
at he shall prodice and a stability produces the ballon story of the stability of the				
40 dBm				
50 dBm				
	14001	700.0 MUL /		10.0.01
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
₹			👻 Ready	29.09.2020 15:26:50

 $\mathbf{\Lambda}$ 

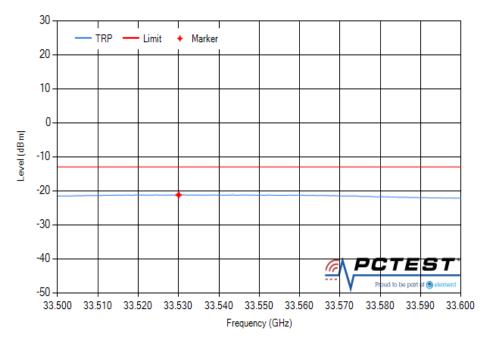
Plot 7-551. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 135)



Plot 7-552. RSE 33 GHz – 40 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 207 of 400
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1st Marker Frequency: 33.530 GHz Margin: 8.2 dB



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Plot 7-553. RSE 33.5 GHz – 33.6 GHz (50 MHz BW 2CC + 100 MHz BW 6CC NC QPSK Low TRP)



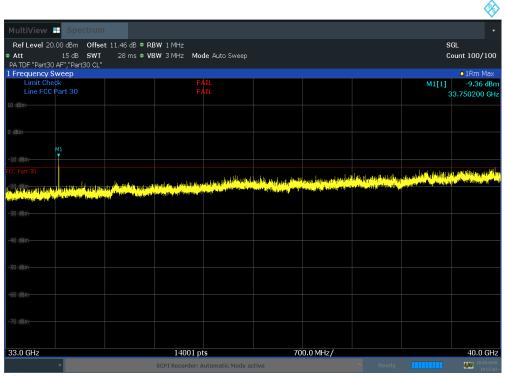
Plot 7-554. RSE 33 GHz - 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dage 220 of 466
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				(*)
MultiView 🗄 Spectrum				•
Ref Level 20.00 dBm Offset 11.46 d	B • RBW 1 MHz			SGL
● Att 15 dB SWT 28 m	s • VBW 3 MHz Mode Auto Sweep			Count 100/100
PA TDF "Part30 AF","Part30 CL" 1 Frequency Sweep				●1Rm Avg
Limit Check	PASS			M1[1] -19.51 dBm
Line FCC Part 30	PASS			39.866260 GHz
		and the second		
-30 dBm				
-40 dBm				
-50 dBm				
-60 dBm-				
-70 dBm				
33.0 GHz	14001 pts	700.0 MHz/		40.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive	⇒ Ready	28.09.2020 20:02:09

Plot 7-555. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 45, Final)



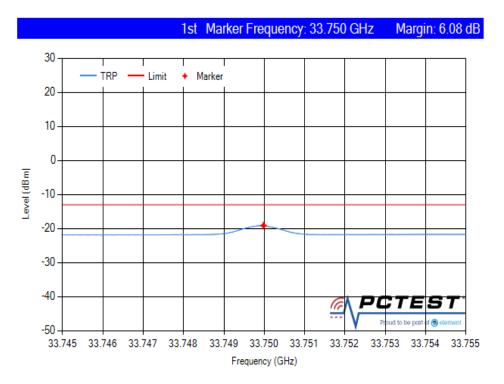
Plot 7-556. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135)

FCC ID: A3LAT1K04-B00	PCTEST* Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 200 of 400
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Plot 7-557. RSE 33 GHz – 40 GHz (100 MHz BW 4CC CC QPSK Mid Ant. Angle 135, Final)



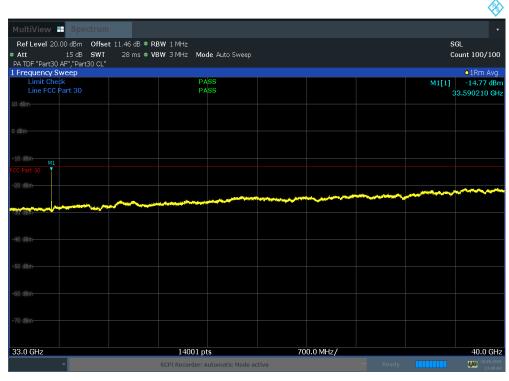
## Plot 7-558. RSE 33.745 GHz – 33.755 GHz (100 MHz BW 4CC CC QPSK Mid TRP)

FCC ID: A3LAT1K04-B00		MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dama 040 of 400
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 340 of 466
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Line FCC Part 30  FAIL FAIL FAIL FAIL FAIL FAIL FAIL FAI						
Ref Level 2000 dm       Offset 11.46 db       8 RBW 1 MHz       SGL         Att       15 db       SWT       28 ms       VBW 3 MHz       Mode Auto Sweep       Count 100/100         PA TDF "Part30 AF", "Part30 CH"       Imit Check       FATL       MI[1]       -12.68 dBn         Limit Check       FATL       MI[1]       -12.68 dBn       33.590210 GH         Glim       Imit Check       FATL       MI[1]       -12.68 dBn         Limit Check       FATL       MI[1]       -12.68 dBn         Glim       Imit Check       Imit Check       Imit Check       MI[1]       -12.68 dBn         Glim       Imit Check       Imit Check       Imit Check       Imit Check       Imit Check         Glim       Imit Check       Imit Check       Imit Check       Imit Check       Imit Check       Imit Check <th>M HAR</th> <th></th> <th></th> <th></th> <th></th>	M HAR					
Att       15 db       SWT       28 ms       VBW 3 MHz       Mode Auto Sweep       Count 100/100         PA TOF "Part30 AF", "Part30 CI"       Imit Check       FA11       M1[1]       -12.68 dBm         Linis Check       FA11       M1[1]       -12.68 dBm       -12.68 dBm         0 dBm       Imit Check       FA11       Imit Check       Imit Check       Imit Check         10 dBm       Imit Check       FA11       Imit Check       I						
PA TDF "Part30 AF", "Part30 CL" Frequency Sweep  FATL  Init Check  FATL  Init Check  FATL  Init FCC Part 30  FATL  Init FCC Part 30  FATL  Init Check  Init FCC Part 30  FATL  Init FCC Part 30  FATL  Init Check  Init FCC  Init Check  Init FCC  Init FCC  Init Check  Init FCC  Init FCC  Init Check  Init FCC  Init FCC						
Imit Check        Imit Check <th co<="" td=""><td></td><td>• VBW 3 MHz Mode Auto Sweep</td><td></td><td></td><td>Count 100/100</td></th>	<td></td> <td>• VBW 3 MHz Mode Auto Sweep</td> <td></td> <td></td> <td>Count 100/100</td>		• VBW 3 MHz Mode Auto Sweep			Count 100/100
Line FCC Part 30  FAIL FAIL FAIL FAIL FAIL FAIL FAIL FAI	I Frequency Sweep				• 1Rm Max	
0 dBm       0 dBm <td< td=""><td>Limit Check</td><td>FAIL</td><td></td><td>М</td><td>1[1] -12.68 dBm</td></td<>	Limit Check	FAIL		М	1[1] -12.68 dBm	
10 dm     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11     11	Line FCC Part 30	FAIL			33.590210 GH	
10 dBm       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11						
10 dBm       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11						
20 Part 30       14001 pts       14001 pts       700.0 MHz/       40.0 GHz						
20 Part 30       14001 pts       14001 pts       700.0 MHz/       40.0 GHz						
20 Part 30       14001 pts       14001 pts       700.0 MHz/       40.0 GHz	10 dBm M1					
30 dBm     1     1     1     1     1       40 dBm     1     1     1     1     1       50 dBm     1     1     1     1     1       60 dBm     1     1     1     1     1       50 dBm     1     1     1     1     1       60 dBm     1     1     1     1     1       70 dBm     1     1     1     1     1       33 0 GHz     14001 pts     700.0 MHz/     40.0 GHz						
30 dBm     14001 pts     700.0 MHz/     40.0 GHz	20 dBm	er de detaine enterfactorie de la dela de la dela de la dela de la dela de				
30 dBm     1     1     1     1     1     1       40 dBm     1     1     1     1     1     1       50 dBm     1     1     1     1     1     1       60 dBm     1     1     1     1     1     1       50 dBm     1     1     1     1     1     1       60 dBm     1     1     1     1     1     1       70 dBm     1     1     1     1     1     1       33.0 GHz     14001 pts     700.0 MHz/     40.0 GHz     40.0 GHz		in the part of the section of the based of the section of the sect		and a state		
40 dBm- 50 dBm- 60 dBm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
50 dBm- 60 dbm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH:	3U dBm					
50 dBm- 60 dbm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
60 dBm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH:						
60 dBm- 70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GH:						
70 dBm- 33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz	-60 dBm					
33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
33.0 GHz 14001 pts 700.0 MHz/ 40.0 GHz						
	-70 dBm					
	33.0 GHz	14001 pts	700.0 MHz/		40.0 GH;	
	÷			• Ready		

Plot 7-559. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45)



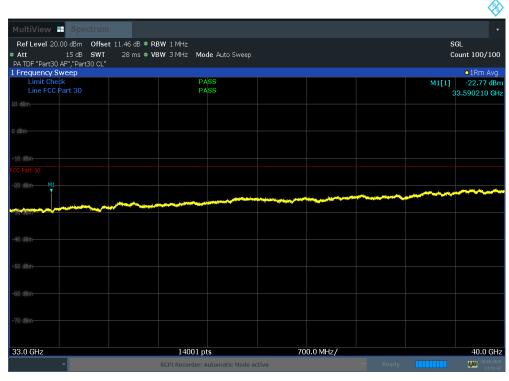
Plot 7-560. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 45, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 244 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit	Page 341 of 466
O DODE DOTE OT			DK OD 46 00 Dev 02



MultiView 🕂 Spectrum			
			•
RefLevel 20.00 dBm         Offset 11.           Att         15 dB         SWT         2	.46 dB • RBW 1 MHz 28 ms • VBW 3 MHz Mode Auto Sweep		SGL Count 100/100
PA TDF "Part30 AF", "Part30 CL"			
1 Frequency Sweep			• 1Rm Max
Limit Check Line FCC Part 30	FAIL		M1[1] -12.83 dBn
	1 AIL		39.917760 GH
			M
			المعمور وتسافلهما ومنهمي والمستعلية والمتعاولة والمتعار والمعالية والمعار
20 dBm	de inferencia da se en la decidada de la casa de altera de seconda de seconda de seconda de seconda de seconda		A CALE AND A
	dest for all the transfer filling and the second	a second s	
-30 dBm			
-40 dBm-			
33.0 GHz	14001 pts	700.0 MHz/	40.0 GHz
▼	SCPI Recorder: Automatic Mode a	ctive 🔹	Ready 28.09.2020 23:51:13

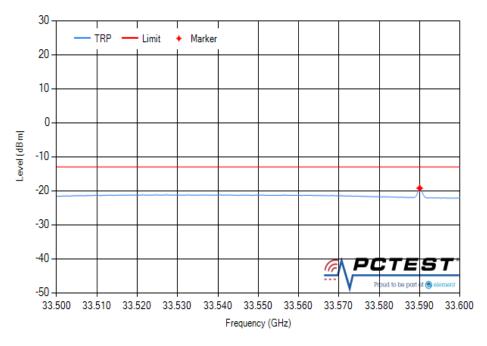


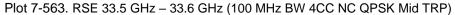


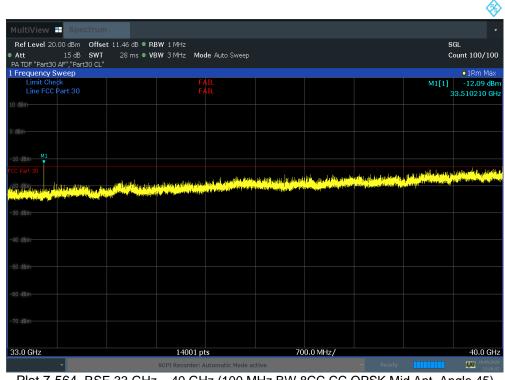
Plot 7-562. RSE 33 GHz – 40 GHz (100 MHz BW 4CC NC QPSK Mid Ant. Angle 135, Final)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ element	MEASUREMENT REPORT (CERTIFICATION)	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:	Daga 242 of 466
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O DODE DOTE OT			DK OD 10 00 Dev 02

1st Marker Frequency: 33.590 GHz Margin: 6.19 dB







Plot 7-564. RSE 33 GHz - 40 GHz (100 MHz BW 8CC CC QPSK Mid Ant. Angle 45)

FCC ID: A3LAT1K04-B00	PCTEST Proud to be part of @ elvernent	MEASUREMENT REPORT (CERTIFICATION)	SAMSUNG	Approved by: Quality Manager
Test Report S/N:	Test Dates:	EUT Type:		Dega 242 of 466
8K20090901-R2.A3L	09/10/2020-10/08/2020	5G Access Unit		Page 343 of 466
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