

MultiView Spectrum Ref Level 30.00 dBm Offset	1 t 8.50 dB	Mode Auto FFT							SGL Count 100/100
1 Spurious Emissions									0 1 Avo
SPURIOUS LINE ABS 003	1	PA	SS		ſ	<u> </u>		1	U. Hig
Line SPURIOUS LINE	ABS 003	PA	SS						
20 dBm					5				_
10.0									
10 dBm			40700010008		8				
			mound						
0 dBm			4		2				
0. Alternative									
-10 d8m-									
10 000					-				
			6						
-20 dBm-		-					- 10		-
					-				
-30 dBm				1		0			
So abin		worklaw	1	N,					
-40 dBm		Y	0			<u>.</u>			
-50 dBm		- P						·	
		me							
-60 dBm			5			8	3		
de dam									
CF 2.575 GHz		5005 pt	s		1	1.0 MHz/		- 3	Span 110.0 MHz
2 Result Summany									
Range Low	Range Un	DE	N/		Frequer		Dower Ab		Al imit
2 520 GHz	2 570 GHz	100.00	0 kHz		2.56873	GHZ	6.46 dB	, m -	23.54 dB
2.520 GHz	2.570 GHz	100.00			2.57000	GHZ	-28.20 dB	m -	18.20 dB
2 571 GHz	2 575 GHz	1 000) MHz		2.57100	GHz	-24.51 dB	m -	14.51 dB
2.575 GHz	2.576 GHz	1.000) MHz		2.57500	GHz	-32.59 dB	m -	19.59 dB
2.576 GHz	2.630 GHz	1.000) MHz		2.57603	GHz	-35.33 dB	m -	10.33 dB
							Ready		28.11.2021 11:42:50

DC_66A_n7A





DC_66A_n7A (NR 5M)_DFT-s-OFDM_QPSK_Outer_Full_Low



MultiView Spectrum Ref Level 30.00 dBm Offset	1 t 8.50 dB Mod	e Auto FFT			SGL Count 100/100
1 Spurious Emissions					0 1 Avg
Limit Check Line _SPURIOUS_LINE_ 20 dBm	ABS_003	PASS PASS			
10 dBm					parameter
0 dBm					
-10 dBm-					
_20 dBm- _SPURIOUS_LINE_ABS_003					1
-30 dBm-					had have been and
-40 dbm-					7
-60 dBm					
CF 2.475 GHz		5005 pts	7.0 MHz/		Span 70.0 MHz
2 Result Summary	Danas Lis	DDW	-	Damas Alter	Al insis
Range Low 2.440 GHz 2.494 GHz 2.496 GHz 2.499 GHz 2.500 GHz	Range Up 2.494 GHz 2.496 GHz 2.499 GHz 2.500 GHz 2.510 GHz	RBW 1.000 MHz 1.000 MHz 1.000 MHz 100.000 kHz 100.000 kHz	2.49397 GHz 2.49600 GHz 2.49900 GHz 2.50000 GHz 2.50375 GHz	Power Abs -36.36 dBm -28.36 dBm -22.22 dBm -26.56 dBm 6.87 dBm	ΔLmnt -11.36 dB -15.36 dB -12.22 dB -16.56 dB -23.13 dB
7				- Ready	28.11.2021

DC_66A_n7A (NR 5M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High



DC_66A_n7A (NR 5M)_DFT-s-OFDM_QPSK_Outer_Full_High



MultiView Spectrum Ref Level 30.00 dBm Offse	n t8.50 dB M	Mode Auto FFT						SGL Count 100/100
1 Spurious Emissions								O1 Avg
_SPURIOUS_LINE_ABS_003		PA	SS					
Line _SPURIOUS_LINE_	ABS_003	PA	SS					
20 dBm-			·					
10 dBm					8			
			manon					
0.40m			10		2			
0 UBII								
12								
-10 dBm-								
-20 dBm-	-							
2500-5179090				N				
on down								
-30 ubm		marth	1	M I				
-40 dBm-		<u> </u>			\rightarrow	<u>.</u>		
. Design and a second		- North						
-50 dBm		- F			C. C			<u> </u>
		part -						
~60 dBm	- manual and		5		5	2	8	
CF 2.575 GHz		5005 pt	6		1	1.0 MHz/		Span 110.0 MHz
2 Result Summary								
Range Low	Range Up	RE	W		Frequer	ncy	Power Abs	ΔLimit
2.520 GHz	2.570 GHz	100.00	0 kHz	-	2.56873	GHz	6.52 dBn	n -23.48 dB
2.570 GHz	2.571 GHz	100.00	0 kHz		2.57000	GHz	-28.16 dBn	n -18.16 dB
2.571 GHz	2.575 GHz	1.000) MHz		2.57100	GHz	-24.50 dBn	n -14.50 dB
2.575 GHz	2.576 GHz	1.000) MHz		2.57500	GHZ	-32.52 dBn	n -19.52 dB
2.576 GHz	2.630 GHz	1.000) MHz		2.57603	GHZ	-35.34 dBn	n -10.34 dB
							Bondu	28.11.2021

DC_26A_n41A





DC_26A_n41A (NR 20M)_DFT-s-OFDM_QPSK_Outer_Full_Low





DC_26A_n41A (NR 20M)_DFT-s-OFDM_QPSK_Edge_1RB_Right_High



DC_26A_n41A (NR 20M)_DFT-s-OFDM_QPSK_Outer_Full_High





Note: Expanded measurement uncertainty is U = 0.49dB(100KHz-2GHz)/1.21dB(2GHz-26.5GHz), k = 1.96



A.6 CONDUCTED SPURIOUS EMISSION

Reference

FCC: CFR Part 2.1051, 22.917, 27.53.

A.6.1 Measurement Method

The following steps outline the procedure used to measure the conducted emissions from the EUT.

- Determine frequency range for measurements: From CFR 2.1051 the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency. For the mobile station equipment tested, this equates to a frequency range of 13 MHz to 9 GHz, data taken from 10 MHz to 25 GHz.
- 2. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.
- 3. The number of sweep points of spectrum analyzer is set to 30001 which is greater than span/RBW.

A. 6.2 Measurement Limit

Part 22.917 and Part 27.53(h) specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

Part 27.53(m)(4) specifies for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Part 27.53(a) states for mobile and portable stations operating in the 2305–2315 MHz and 2350–2360 MHz bands: By a factor of not less than: 43 +10 log (P) dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than 55 + 10 log (P) dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than 61 + 10 log (P) dB on all frequencies between 2327 and 2341 MHz, and not less than 67 + 10 log (P) dB on all frequencies between 2328 and 2337 MHz; By a factor of not less than 43 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 and 2305 MHz, 55 + 10 log (P) dB on all frequencies between 2300 MHz, 61 + 10 log (P) dB on all (P) dB on all (P) dB on all (P) dB on all



frequencies between 2292 and 2296 MHz, $67 + 10 \log (P) dB$ on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P) dB$ below 2288 MHz; By a factor of not less than $43 + 10 \log (P) dB$ on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P) dB$ above 2365 MHz.



A. 6.3 Measurement result

Only worst case result is given below

SA

n5 : 30MHz –8.49GHz

Spurious emission limit –13dBm.

NOTE: peak above the limit line is the carrier frequency.

n5(5M)_DFT-s-OFDM_BPSK_Low_CH



n5(5M)_DFT-s-OFDM_QPSK _Low_CH



n5(5M)_DFT-s-OFDM_BPSK_Mid_CH



TDF "SGFCC"									IN LOC MAN
rrequency s	weep	i i				1		M1[1]	21.16 dBr
								51.0	835.130 MH
) d9m								M2[1]	-33.23 dBr
									881.130 MH
dBm									
0.0993									
dBn)-									
20200									
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0 dBm									
5 dbm									
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2000									
0 dBm									
953993.05									
0.0 MHz			32001 pt	s	84	6.0 MHz/			8.49 GH
Marker Table									
CONTRACTOR OF CONTRACTOR	Tec	Y-Value		V.Vahie		Euroching		Euroction Re	cult

n5(5M)_DFT-s-OFDM_QPSK_Mid_CH

Ref Level 30.0	OdBm Offset	7.50 dB 🖷 RBW	1 MHz						so
Att DF "SGFCC"	35 dB SWT	33.9 ms 🖷 VBV	3 MHz Mod	e Auto Sweep					
Frequency Sw	reep	Ť	11		Î.				O I PK MS
1								MILI	24.50 00
i d9m								M2111	-21 01 4
								[M2[1]	991 660 M
dBm									0011000
dBm									
.0 d8m									
0 dBm	H1 -13.000 08m								
0 d8m									
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0 dām						Participation of the second seco			10000
0 dBm									
0.0 MHz			32001 nt	5	84	6.0 MHz/			8.49 G
Marker Table	1								5112.0
Type Ref	Trc 1 8	X-Value 34.34 MHz		Y-Value 24.50 dBm	9	Function		Function Re	sult

n5(5M)_DFT-s-OFDM_BPSK _High_CH



Att 35 d IDF "SGFCC"	8 SWT 33.9 ms 🖷	VBW 3 MHz Mod	e Auto Sweep				
Frequency Sweep	R	445 - 18		10			O1Pk Max
						M1[1]	25.06 dBr
0 d9m		-				 M2[1]	-35.66 dBr
							2.542140 GH
i dBm						 	
dBm-		-				 	
10 dBm-		_					
10 dBm	-13.000 dbm -					 	
30 dBm		-04.					
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0 d8m							
i0 dBm							
0.0 MHz		32001 p	ts	846.0) MHz/		8.49 GH;
Marker Table							

n5(5M)_DFT-s-OFDM_QPSK _High_CH



n7 : 30MHz –25.7GHz

Spurious emission limit –25dBm.

NOTE: peak above the limit line is the carrier frequency.

n7(20M)_DFT-s-OFDM_BPSK _Low_CH(30MHz-20GHz)



0.0 MHz			32001 pt	5		2.0 GHz/			20.0 GH
υ α8m									
0 dām		3.440.9630							
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30 dBm	M2-								
20 dBm	H1 -25.000 dt	3m							
10 dBm									
dBm									
3 dBm									
0 dêm								M2[1]	-33.90 dBr 3.609200 GH
	M1							M1[1]	20.70 dBa 2.504640 GH
Frequency S	weep	4 4			-				O1Pk Max

n7(20M)_DFT-s-OFDM_BPSK _Low_CH(20GHz -25.7GHz)

MultiView •	Spectrum								
Ref Level 30.00	dBm Offse	t 7.50 dB 🖷 RB	W 1 MHz						SGL
Att : TDF "SGECC"	35 dB SWT	32.1 ms 🖷 VB	W 3 MHz Mod	e Auto Sweep					
1 Frequency Swe	зер		а — т						O1Pk Max
								M1[1]	-33.27 dBn
20 d8m								. 73	25.463010 GH
10. dBm									
D dBm									
-10 dBm						-			
-20 d6m									
-30 d8m-	-H1 -25.000 dB	m							MS
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-50 dBm									
-60 d8m						· ·			
20.0 GHz			32001 p	ts	57	0.0 MHz/			25.7 GHz
Type Ref	Trc	X-Value		Y-Value	1	Function		Function R	esult
M1	1 4	.5.40301 GR		55.27 GBM			Aborted	ana	40 28.11.2021

n7(20M)_DFT-s-OFDM_QPSK_ _Low_CH(30MHz-20GHz)



Frequency S	weep	4	49 D						O1Pk Max
								M1[1]	16.57 dBn 2.505270 GH
0 d9m	ML							M2[1]	-34.87 dBn
									4.952140 GH
/ dBm									
dBm									
10 d8m									
20 dēm									
	H1 -25,000 d	8m							
30 dBm		M2							
40 dBm		Martin Lines	and the state of the	and the all on these	Land Carlling and Carl	nonalin Little	-	de constituité dans	Contractive Contraction
and a staffer to a	2010 - 2740 	-	A PERSONAL AND	Barrister and		The second second second		A Charlenin a	
50 d8m									
50 dBm									
0.0 MHz			32001 pt	5	2	2.0 GHz/			20.0 GH:
Marker Tab	e		32001 pt	5	4	ciu Grzy			20.0 Gr
The second second	Tre	X-Value		Y-Value		Function		Function R	esult

n7(20M)_DFT-s-OFDM_QPSK__Low_CH(20GHz -25.7GHz)

MultiView Spe	etrum						
Ref Level 30.00 dBm	Offset 7.50 dB . RBW 1	MHz					SGL
Att 35 dB TDF "SGFCC"	SWT 32.1 ms • VBW 3	MHz Mode Auto Sweep					
Frequency Sweep		114					O1Pk Max
						M1[1]	-33.15 dBn
20 dam							24.313070 GH
10 dBm							
D dBm							
-10 d8m-							
-20 d6m							
H1 -	25.000 dBm						
-30 d8m-					MI	Verteenteet	
a physicana a sucha	Westmin Hill dens La gammerates	Name and the other states of the second s	a bides a watter	Wall Hand States	land the latest	and a statistical states	and the second second
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-SO dBm							
7000							
-60 d8m-							
20.0 GHz	di des	32001 pts	570	.0 MHz/			25,7 GHz
2 Marker Table	Q (Table)	V. Value		Emotion	_	Eurotian De	State .
M1 1	24.31307 GHz	-33.15 dBm		FUNCUUM		Function Re	SUIL
14				7	Aborted		AN 28.11.2021

n7(20M)_DFT-s-OFDM_BPSK _Mid_CH(30MHz-20GHz)



Att TDF "SGECC"	35 dB SWT	79.9 ms 🖷 VB1	W 3 MHz Mod	e Auto Sweep					
Frequency S	Sweep		e			20			O1Pk Max
								M1[1]	16.00 dB
) dites								Laboratory	2.529600 GH
) dam-								M2[1]	-33.88 dB
									2,662530 GH
J dBm									
dBm)									
.0 d8m			1						
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Marker Tab	le					and the second second			
Tupe De	f Trr	X-Value		V-Value	1.0	Eunction		Exection Re	thuse

n7(20M)_DFT-s-OFDM_BPSK _ Mid _CH(20GHz -25.7GHz)

MultiView Spectro	um						
Ref Level 30.00 dBm Of	fset 7.50 dB • RBW 11	MHz					SGL
Att 35 dB SV	WT 32.1 ms • VBW 31	MHz Mode Auto Swee	p				
Frequency Sweep		15		20			o 1 Pk Max
						M1[1]	-32.75 dB
10 dam						. 1	23.823070 GF
1983.077							
0 dBm							
dBm	-						
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20 d6m			_				
H1 -25.00	0 dām			124			
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EPiceno					and beating and	and the second	Constant of the Ballet Lynn
SO dBm			_				
60 d8m							
20.0 GHz	da da	32001 pts	57	'0.0 MHz/			25.7 GH
Marker Table	V-Value	V-V-due		Function		Eurotion D	peult
M1 1	23.82307 GHz	-32.75 dB	n	1014-000	1	TURCOONK	Suit
1				7	Aborted		W 28.11.202

n7(20M)_DFT-s-OFDM_QPSK_ Mid _CH(30MHz-20GHz)



Att IDF "SGECC"	35 d8 SWT	79.9 ms 🖷 VBV	3 MHz Mod	e Auto Sweep					
Frequency S	weep	ر							O1Pk Max
								M1[1]	16.65 dB
0 d9m	CM1							La tradición de la composición de la co	2.530850 GH
o dam	1							M2[1]	-33.95 dB
40									3.529950 G
dBm-									
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0 d8m	1 2000								
	H1 -25,000 dt	Stri-							
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0 dBm-									
0 dBm									
0.0 MHz			32001 pt	ts	2	2.0 GHz/			20.0 GH
Marker Tabl	e								
Type Del	Trr	X-Value		Y-Value		Function		Function Re	sult

n7(20M)_DFT-s-OFDM_QPSK_Mid_CH(20GHz -25.7GHz)

MultiView Spectro	um						
Ref Level 30.00 dBm Of	fset 7.50 dB 🖷 RBW 1 Mi	iz					SGL
Att 35 dB SV	VT 32.1 ms • VBW 3 Mi	iz Mode Auto Sweep					
1 Frequency Sweep		114					D1Pk Max
						M1[1]	-33.61 dBm
20 dBm						. 73	24.877360 GHz
10 dBm							
1998 Mark 10							
D dBm-							
-10 d6m-							
-20 d6m							
-30 dBm	D dăm		-			- 141	
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96-6600	and a provide a difference of particular property of the property of the second s		and the second	the second s			
-SD dBm-							
-60 d8m-							-
20.0 GHz		32001 pts	570).0 MHz/			25.7 GHz
2 Marker Table							
Type Ref Trc M1 1	X-Value 24.87736 GHz	Y-Value -33.61 dBm		Function		Function Re	esult
1				Ŧ	Aborted		A 28.11.2021

n7(20M)_DFT-s-OFDM_BPSK _High_CH(30MHz-20GHz)



n7(20M)_DFT-s-OFDM_BPSK _ High _CH(20GHz -25.7GHz)

MultiView	• Spectrum								
Ref Level 30	.00 dBm Offset	t 7.50 dB 🖷 RBW	1 MHz						SGL
Att TDF "SGFCC"	35 dB SWT	32.1 ms 🖷 VBW	3 MHz Mode	Auto Sweep					
1 Frequency S	Sweep		10			10 S			O1Pk Max
								M1[1]	-33.33 dBm
20 dam	-							1	25.264940 GHz
10 dBm									
D dBm	-								
-10 d8m									
-20 d6m		~							
-30 d8m	H1 -25.000 dB	m							
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SHPICEUR									
-50 dBm									
-60 dBm						-		-	
20.0.CU-			22001 ptr		57				25.7.04-
20.0 GHZ 2 Marker Tab	P		52001 pts		31	010 1012/			23.7 GH2
Type Re	f Trc 2	X-Value 5.26494 GHz	-3	Y-Value 3.33 dBm	12	Function	l.	Function Re	esult
114						9	Aborted		AN 28.11.2021

n7(20M)_DFT-s-OFDM_QPSK_ High _CH(30MHz-20GHz)



				MI[1]	2.562050 GH
0 d9m	T NI			M2[1]	-34.10 dBn
0 dBm					2,678130 GH
dBm					
10 d6m					
20 dBm					
30 dBm	H1 -25,000 d8m				
Her Clam	Marrie Marrie Construction	land a state water and	and the state of the	المتعاود فسأستعم والمتعاد وروا	LALANDIN
50 d&m					
60 dBm					

n7(20M)_DFT-s-OFDM_QPSK_ High _CH(20GHz -25.7GHz)

tultiView	Spectrum	.50 dB • RBW 1	MHz						so
Att 3 DF "SGFCC"	15 dB SWT 3	2.1 ms 🖷 VBW 3	MHz Mode	a Auto Sweep					
Frequency Swe	ер	12	114						O1Pk Ma
								M1[1]	-32.69 dt
) dam								. 73	24.410150 6
dom									
1975									
dBm									
dBm									
0 d8m-									
0 d6m									
	-H1 -25.000 dBm -						0.41%		
0 d8m			10.4 T			-			
لقبله بدخم مريم	and and and and	Addition and the	and had all	in the strengthered	مالاحد في الروك مع المالا	- head with the late	and Marshall	du dan tean thin the	Spyakers -
TANISTO - TANI		and the same of	and she what we want	energy of the Plane of the second	And the second second	and the second standard second	ng ha l'anne a Bhail ann Bhailenn an Ion	The second s	Contraction in colored light
0 dBm									-
0 dBm									
			22001	_		D O MULE /			05.7.0
Jarker Table			32001 pt	5	57	0.0 MHZ/			25,7 6
Type Ref	Trc	X-Value		Y-Value		Function		Function R	esult
M1	1 24.	41015 GHz	-3	2.69 dBm					
12							Abortad	1111111111	28.11.2

n38 : 30MHz -26.2GHz

Spurious emission limit –25dBm. **NOTE: peak above the limit line is the carrier frequency.** n38(20M)_DFT-s-OFDM_BPSK _Low_CH(30MHz-20GHz)



50 d8m			 				
ee dam			s jan da china dalika d Inperiodali	hand being bet besting a	No. of Concession, Name		
30 dBm	12	3.8					. s. s
S	H1 -25,000 d8n	0					
20 d8m							
10 d6m			 				
dBm			 				
0 dêm							
o dam						M2[1]	-36.15 dB
0.49m	141					wifil	2.575780 GF

n38 (20M)_DFT-s-OFDM_BPSK _Low_CH(20GHz -26.2GHz)

MultiView	Spectrum								-
Ref Level 30.00	dBm Offse	t 7.50 dB . RBW	1 MHz						SGL
Att 3 TDF "SGFCC"	5d8 SWT	32.1 ms 🖷 VBW	3 MHz Mode	a Auto Sweep					
1 Frequency Swe	ер	,	114						O1Pk Max
								M1[1]	-33.19 dBn
20 dam								. 73	(4.829550 GH
10.dBm									
D dBm									
-10 d8m-									
-20 d6m									
	H1 -25.000 dB	im							
-30 d8m	2	10				7	Mj.		
and Jught Hilling to a light		hardinetse den Keden ite		dan madalah Id.	lad yan bibusad yani Manazarta		Not the Association of the Association		Provide and the second second
-50 dBm									
193393011 1949001									
-60 dBm						-			-
20.0 GHz			32001 pt	s	62	0.0 MHz/			26.2 GHz
2 Marker Table				10000-000-0					
Type Ref M1	1 Z	X-Value 24.82955 GHz	-3	Y-Value 3.19 dBm		Function		Function Re	sult
14						7	Aborted		# 29.11.2021 #2.80-20

n38 (20M)_DFT-s-OFDM_QPSK_ Low_CH(30MHz-20GHz)



ILIP SUPLE	55 GD 3441 79.9 mis	VBW 3 MHz Mode Auto Sweep			
Frequency :	Sweep	40 Ma Ma		·	O1Pk Max
				M1[1]	17.82 dBr
0 d8m	MI			M211	2.573290 GF
				melt	5.004560 GH
i dBm					
dBm					
.0 d8m					
0 d8m					
ID dBm	H1 -25,000 d8m				
Allegan	And an and a second	a material little		al de la contraction	
49 dem					
in the leafs of	Contract of the second s				
0 d8m					
50 dBm					
0 dām		32001 pts	2.0 GHz/		20.0 GH

n38 (20M)_DFT-s-OFDM_QPSK_ _Low_CH(20GHz -26.2GHz)

MultiView	Spectrum								
Ref Level 30.	00 dBm Offset	t 7.50 dB 🖷 RBW	1 MHz						SGL
Att	35 dB SWT	32.1 ms 🖷 VBW	3 MHz Mode	Auto Sweep					
Frequency St	weep		176		<i>w</i>	20			01Pk Max
								M1[1]	-32.88 dBn
20 dam								7	4.609460 GH
69E9947									
10 dBm									
D dBm									
-10 dBm									
-20 d6m		~							
-30 d8m	H1 -25.000 dB	m				-			-
turing of elabolist	A Southers I'd in .	determined which	out a lot half all a	and the state of the	bit and tables of the	and the loss of the	lober of an ball	Astern Bilkiller	apay an indiff If an
HE CERT	and a provide the local data of the second	anna by the part of the second	and the second secon	al a fair an		- Contraction of all a second second			
-50 d8m						-			
-60 d8m									-
20.0 GHz			32001 pt	1	62	0.0 MHz/			26.2 GHz
Marker Table	Trc	X-Value		Y-Value		Function		Function Re	sult
MI	1 2	4.60946 GH7	-3	2.88 dBm		1	Aborted		29.11.2021

n38 (20M)_DFT-s-OFDM_BPSK _Mid_CH(30MHz-20GHz)



Att	35 dB SW	T 79.9 ms • VE	W 3 MHz Mod	a Auto Sweep				
TDF "SGFCC"	ween							n 105 May
Trequency 5	weep		1				M1[1]	16.68 dBr
							007.00	2.598870 GH
0 dBm	- M1	-				-	M2[1]	-35.37 dBr
								4.557740 GH
i dêm						-		
dBm			-			-		
10 d6m						_		
20 dBm		20						
30 dBm		d8m						
dure	and the second	M2	- Leveland			in a state of		
40 dBm	-	States Barrie	Contraction of the second	d official designs of the below the				
50 d&m								
60 dBm								
80.0 MHz			32001 pt	s	2.0 GHz/			20.0 GH
Marker Tabl	e							
Type Ref	Trc	X-Value		Y-Value	Function		Function R	esult

n38 (20M)_DFT-s-OFDM_BPSK _ Mid _CH(20GHz -26.2GHz)

MultiView Spec	trum					
Ref Level 30.00 dBm	Offset 7.50 dB • RBW	1 MHz				SGL
Att 35 dB TDF "SGFCC"	SWT 32.1 ms • VBW	3 MHz Mode Auto Sweep				
l Frequency Sweep	4	12		-	- W	D1Pk Max
					M1[1]	-32.79 dBn
20 d8m			· ·			
10 dBm						
D dBm						
-10 dbm-						
-20 dBm	.000 d8m					
-30 d8m		8 8 I N	8 100		10	
n ga shi ka ka cashi i da sidikana 1994 dan sa		and the state of the				A CONTRACTOR OF THE PARTY OF
-50 dBm						
-60 dBm	_				-	-
20.0 GHz		32001 pts	620.0 MH	iz/		26.2 GHz
2 Marker Table	100000000000					Statute -
Type Ref Tro M1 1	X-Value 24.13576 GHz	-32.79 dBm	Fund	tion	Function Re	sult
54				Aborted	(IIIIIIII)	29.11.2021

n38 (20M)_DFT-s-OFDM_QPSK_ Mid _CH(30MHz-20GHz)



THE "SOFCO"	35 dB SWT	79.9 ms 🖷 VBV	V 3 MHz Mod	e Auto Sweep					
Frequency S	weep	a				10			O1Pk Max
								M1[1]	16.34 dBr
0 dam	- ML							M2[1]	-35.62 dBr
0 dêm									5.005810 GH
dBm									
10 dBm									
20 dBm								-	
30 dBm	H1 -25,000 dt	Shri -							
AND THE REAL PROPERTY OF	-	a server and a	John Hilliam	and the survey of the second	Lother Ballington	man addressed by the	. Juwersh		.au anti-tellaret
and an diger	www.chemba.co.co.co	and the second		Second	ana desa andiki bia kiranga p		and the second se		
50 d&m									
60 dBm			·						
80.0 MHz			32001 pt	5	2	.0 GHz/			20.0 GHz
	227								

n38 (20M)_DFT-s-OFDM_QPSK_ Mid _CH(20GHz -26.2GHz)

MultiView	• Spectrum							
Ref Level 3	0.00 dBm Offset	7.50 dB • RBW 1	MHz					SGL
Att TDF "SGFCC"	35 dB SWT	32.1 ms 🖷 VBW 3	MHz Mode Auto Sw	reep				
1 Frequency :	Sweep	Ŷ	424			1		O1Pk Max
							M1[1]	-32.84 dBm
20 d8m	-				-		. 13	24.722800 GH2
10 dbm								
D dBm	-				-			
-10 d&m								
-20 d6m					-			
10000	H1 -25.000 dBm			-		5.007		
-30 d8m		10.00			10. 10	Mi Links		and the second second
and delaying the ball	And the state of the state of the	renkelski kalender i son der s	John Angleiche beidelingest zublichen Reinen Berner von einer Beider	en film in farsk film bades so inf antioner gegen so informasjoner	Statistics in the second	August the state of the state	Construction of the second second	Company and a second
-50 dBm					-			
-60 dBm								
20.0 GHz	d d		32001 pts	6	20.0 MHz/			26.2 GHz
2 Marker Tab	f Tro	V-Value	Valisha		Function		Function D.	peult
M1	1 2	4.7228 GHz	-32.84 d	Bm	1 GENLOUIT		TURCOUTIN	oount.
*	14				-	Aborted		29.11.2021

n38 (20M)_DFT-s-OFDM_BPSK _High_CH(30MHz-20GHz)



rrequency	Sweep	200 DD			O1Pk Max
				M1	[1] 19.09 dBr
) dam	M1			1400	2,605740 GH
				MZ	2 646920 GH
i dêm					2.040520 01
dBm					
10 d8m					
0 diām					
0 dBm	H1 -25,000 d8m				
A Jacobie	Ball Internet Start	and a state of the	A State of the sta		AND LOCAL DESCRIPTION
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in dem					
io dam					

n38 (20M)_DFT-s-OFDM_BPSK _ High _CH(20GHz -26.2GHz)

MultiView • Spectru	im					
Ref Level 30.00 dBm Off	iset 7.50 dB 🖷 RBW 1 MH	tz				SGL
Att 35 dB SW TDF "SGECC"	/T 32.1 ms = VBW 3 MH	iz Mode Auto Sweep				
1 Frequency Sweep		10		4		O1Pk Max
					M1[1]	-32.72 dBn
20 dam					72	23.799610 GH
10. dBm						
D dBm						
-10 d6m-						
100000						
-20 dBm						
H1 -25,000	dām					
-30 d8m			ML			
and the second second	a south a sheke a so	all a six had state of	and the second se	and the state of the state	in the second	a to sullandaded a
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MMACH MCH						
-50 dBm						
CONTRACTOR OF CONT						
-60 d8m-						
D0 0 01			(00.010) (06.0.001
20.0 GHZ 2 Marker Table		2001 pts	620.0 MH2/			20.2 GH2
Type Ref Tro	X-Value	Y-Value	Function		Function Re	esult
M1 1	23.79961 GHz	-32.72 dBm		0.0		000070
				Aborted		29.11.2021

n38 (20M)_DFT-s-OFDM_QPSK_ High _CH(30MHz-20GHz)



TDF "SGFCC"	35 d5 SW1)	9.9 ms 🖷 VBW .	3 MHz Mod	e Auto Sweep					
Frequency S	weep	100	11						01Pk Max
								M1[1]	17.05 dBr
0 dbm	MI							1210000177	2,614470 GH
J dam-	1							M2[1]	-31.09 dBr
-112-1									2,648170 GH
3 dBm									
dBm									
1000 C									
LO dBm							-		
20.27									
20 dBm						-			
30 dBm	1								
11.1	2010 AUX	100	1000 BR					10	100
es dam	AND DECKS	Akurana M	Children P	d the whole white	asseller Metrokiu	the net strate	indiana disability of	International States	- All Carles
	1986 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 686 - 68	and the second second			the sector of th	Provide and the states	- Constanting of the second second		
50 d8m									
8.855									
60 dBm									
									-
0.0 MHz			32001 pt	5	2	.0 GHz/			20.0 GH
Marker Tabl		11.11.1		N. 16. 6				C	
Type Ret	irc	x-value		Tevalue		runcoon		Function Re	suit

n38 (20M)_DFT-s-OFDM_QPSK_ High _CH(20GHz -26.2GHz)

MultiView Sp	ectrum					
Ref Level 30.00 dBm	Offset 7.50 dB . RBW	1 MHz				SGL
Att 35 de TDF "SGFCC"	SWT 32.1 ms • VBW	3 MHz Mode Auto Sweep				
Frequency Sweep	l an an	14	a 10			O1Pk Max
					M1[1]	-33.01 dBr
o dam					7	25.034730 GH
o dam						
241675						
0 dBm						
dBm-						
10 d8m-						
20 d6m						-
H1 -	25.000 dBm					
30 d8m					M1	
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16.55m	Lonishi		and the second second second	Service And in the Internet State	and for the second s	transmitter Martines
toward						
50 d8m					-	-
958565811						
60 d8m						
O.U GHz		32001 pts	620.0 M	12/		26.2 GH
Type Ref Trr	X-Value	V-Value	Fund	tion	Euroction R	this
M1 1	25.03473 GHz	-33.01 dBm	i vin	(MARK)	T SALCOUNTING	COMP.
10				Aborted	100000000	29.11.202
				Aborted		08:10:

n41 : 30MHz -26.9GHz

Spurious emission limit –25dBm. **NOTE: peak above the limit line is the carrier frequency.** n41(20M)_DFT-s-OFDM_BPSK _Low_CH(30MHz-20GHz)



DF "SGFCC"					D1N/May
rrequency sweep				M1[1]	23.21 dBn
Ŷ					2.497150 GH
) dBm				M2[1]	-34.27 dBn
					3.691570 GH
i dBm					
dBm					
.0 d8m					
20 d8m					
H1 -2	5.000 d8m				
10 dBm	M2				
فحفا المحر بيبي والأفاق	and the second second	المراجعين المراجعين الم			A
Er dem					1 Distance of the local distance of the loca
0 d8m				Seedin V Carl	
iD dBm					
		32001 pts	2.0 GHz/		20.0 GHz
		32001 pts	2.0 GHz/		20.0 G

n41 (20M)_DFT-s-OFDM_BPSK _Low_CH(20GHz -26.9GHz)

MultiView Spe	ectrum						
Ref Level 30.00 dBm	Offset 8.50 dB . RBW 1	1 MHz					SGL
Att 34 dB TDF "SGFCC"	SWT 32.1 ms • VBW 3	3 MHz Mode Auto Sweep					
1 Frequency Sweep		14	o 10				O1Pk Max
						M1[1]	-36.14 dBm 6.683410 GHz
20 d8m							
10 dBm							
D dBm							
-10 d8m-							
-20 d6m							
-30 d8m-	25.000 dBm						NI.
a RELIGIÓN A MARINA	hand an order by	se delana partificite de se difici	and definition of the	College Land	م و الله من والعظم معروف و والعدي	allegendester benede Transformer benede	a sha ay his
-50 dBm							
-60 d8m-							
		analise of					
20.0 GHz	th she	32001 pts	690.0	0 MHz/			26.9 GHz
2 Marker Table	1111111	Witer St					2011
M1 1	26.68341 GHz	-36.14 dBm		uncoon		Function Re	esuit
(A.					Aborted		Q8.11.2021

n41 (20M)_DFT-s-OFDM_QPSK_ Low_CH(30MHz-20GHz)



20 cbm	
10 dBm	
0 d8m	
0 d8m	
Bm	
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m I _ 25.000 d8m I _ 25.000 d8mI I _ 25.0000 d8mI I _ 25.000	
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H1 -25.000 dbm	
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22001 etc. 22001 etc.	
32001 pts 2.0 GHZ/	
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arker ladie	20.
no Dof Ter Wyshin Wyshin	20.
pe ne rende rende	20.1
	20.
2,49715 GH7 72,88 dBm	20.1 Function Result

n41 (20M)_DFT-s-OFDM_QPSK__Low_CH(20GHz -26.9GHz)

MultiView 📍	Spectrum								
Ref Level 30.0 Att	0 dBm Offse 34 dB SWT	t 8.50 dB • RE 32.1 ms • VE	WF1MHz WF3MHz Mo	de Auto Sweep					SGL
TDF "SGFCC"	1000								a Dic May
Trequency sw	reep		r -		1	1		M1[1]	-35.26 dBn
								91. j	25,850910 GH
20 dam					+				
10 dBm									
) dBm									
-10 d6m									
20 d6m									
-30 dBm	—H1 -25.000 dB	m	-			-		M3	
ed Had - Davis		dans a fa ce te trais fa a f	anda add faday adar a	a maintaint atta	a and a state of a second		Markey Markey	Solution and the local	
50 dBm	0.000	AND SOME							
-60 d8m									
20.0 GHz			32001 p	its	69	90.0 MHz/			26.9 GHz
Marker Table	Tro	X-Value		V-Value		Euroction.		Function P	esult
M1	1 2	5.85091 G	Iz -	35.26 dBm		1 14 12 20 1		a ancountry	oour.
6						3	Aborted	autoritin .	28.11.2021

n41 (20M)_DFT-s-OFDM_BPSK _Mid_CH(30MHz-20GHz)



Marker Table			52001 prs	2.0 0127		20.0 GH
0.0 MHz			32001 ptr	2.0.6Hz/		20.0.04
0 dBm						-
0 dām						
a hus distant		and the second particular			Contraction of the second	and the second diversity
A STATE OF THE STATE	and the state	And the second second	it of the state of the			
ID dBm		82				
20 dilam	41 - 75 000 -	-10 m				
LO diam-						
dBm	_					
3 dBm	_					4.442.300 01
0 d9m	-				M2[1]	-35.31 dB
					M1[1]	14.91 dB
Frequency Sv	weep		14. V.	20		O1Pk Max

n41 (20M)_DFT-s-OFDM_BPSK _ Mid _CH(20GHz -26.9GHz)

MultiView	• Spectrum								•
Ref Level 3	0.00 dBm Offse	t 8.50 dB 🖷 RBW	/ 1 MHz						SGL
Att	34 dB SWT	32.1 ms 🖷 VBV	3 MHz Mode	Auto Sweep					
I Frequency	Sweep	, <u>,</u>							01Pk Max
								M1[1]	-36.04 dBn
20 d8m						-		. 73	20,926400 GH
10 dBm									
D dBm									
-10 d5m									
-20 d6m									
10 dBm	H1 -25.000 dt	im							
-30 0611	MI					a a carran line	Constant and the second second		
-49.d8nt	a faith a state of the state of	da _{n da} Milliothing Inte	Industry for public day	dell'Alada qualitata	and the second sec			Configuration of the second	Company of Links of the
-50 d8m				2008074					
-60 d8m									
20.0 GHz			32001 pts	;	69	0.0 MHz/			26.9 GHz
2 Marker Tab	ole	V Unhar		W. Makan		Function		Competing D	
M1 Ke	1	20.9264 GHz	-3	6.04 dBm		FUNCTION		Punction Re	suit
	14						Aborted		Qu 28.11.2021

n41 (20M)_DFT-s-OFDM_QPSK_ Mid _CH(30MHz-20GHz)



0.0 MHz	I	32001 pts	2.0 GHz/		20.0 GH
iO dBm					
0 d8m	1.	LIX M		the strength of the strength o	
RE clam	Contraction of the local division of the loc	San	with the first of the second	Name of Street of Street of Street	and the second second second
U dem-	No.				
	H1 -25,000 d8m				
20 dBm					
l0 dBm					
dom.					
dD av					
i dêm			·		21900-000 00
) d9m				M2[1	34.96 dBr
	MI			мці	22.49 dBt 2.584520 GH
Frequency S	weep	11 PT	1 1		O1Pk Max

n41(20M)_DFT-s-OFDM_QPSK_Mid_CH(20GHz -26.9GHz)

MultiView • Spect	trum							
Ref Level 30.00 dBm	Offset 8.50 dB = RBV	N 1 MHz						SGL
Att 34 dB 5 TDF "SGFCC"	SWT 32.1 ms = VBV	♥ 3 MHz Mode	Auto Sweep					
l Frequency Sweep		s - 194						O1Pk Max
							M1[1]	-36.17 dBn 2.402740 GH
20 dBm								
10 dBm								
D dBm								
-10 dBm-								
-20 dBm-								
-30 d8m	300 (2511)	MI					-	
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and the first over the second s		and the block of the		ALCONDUCT ON ALCONDUCT		1999-1999 (States of States)	the a second content of a	AAAA KAAMADOOD
-SD dBm								
-60 d8m					-		-	
20.0 GHz		32001 pts		69	0.0 MHz/			26.9 GH
2 Marker Table								
Type Ref Tro M1 1	X-Value 22.40274 GH	z -36	Y-Value 5.17 dBm		Function		Function Re	sult
14					7	Aborted		40 28.11.2021 00:08-11

n41 (20M)_DFT-s-OFDM_BPSK _High_CH(30MHz-20GHz)



TDF "5GFCC"	ween					D1DLMsv
rrequency a	weep		alter and	100	M1[1]	17.38 dBn
	2007				007.0	2,682490 GH
) d9m	MI				M2[1]	-34.50 dBr
						3.533070 GH
dBm						
dBm						-
.0 d8m						-
0 dBm	2,222					
	H1 -25,000 d8m					
U dem	M2					
Made	with the liter a selle	Ante our sustination	A			
o doni	and the second second second	and a second state of the second		an and the share by the fitted working		
0 d8m			a series of the	a second a second s	etal a	A REAL PROPERTY OF A REAL PROPERTY.
i0 dam						
		32001	pts	2.0 GHz/		20.0 GH
0.0 MHz						
0.0 MHz Marker Tab	e				Contraction of the second	

n41 (20M)_DFT-s-OFDM_BPSK _ High _CH(20GHz -26.9GHz)

MultiView • Spectrum						
Ref Level 30.00 dBm Offset	8.50 dB = RBW 1 MHz					SGL
Att 34 dB SWT TDF "SGECC"	32.1 ms • VBW 3 MHz Mode	r Auto Sweep				
l Frequency Sweep	40 A.					O1Pk Max
					M1[1]	-35.54 dBn
20 dam					72	24,903480 GH
100 M M						
10 dBm						
10 000						
D dBm						
o obn						
10.00						
-10 dbm-						
-20 dbm-	s					
H1 -25.000 RB	Я					
-30 d8m-				Mz		
and the second second	h line of a second state of the second state	distant on concern of a literal.		Constituted and shakes	وراي بمرائد مراي	Auddunitalition
-4EVEB MATTER		and the first of the state of t	and the second second second	and the second state	Una la di Katarana	and the stands
And Contraction of Contraction		100100000000000000000000000000000000000				
-50 dBm						
762572						
-60 d8m			-			-
20.0 GHz	32001 pt	s	690.0 MHz/			26.9 GHz
2 Marker Table						
Type Ref Tro	X-Value	Y-Value	Function		Function Re	sult
M1 1 2	4.90348 GHZ -3	5.54 abm				
				Aborted		40 28.11.2021 00:11:25

n41 (20M)_DFT-s-OFDM_QPSK_ High _CH(30MHz-20GHz)



101-010-040	34 db SWT	79.9 ms 🖷 VBW	3 MHz Mode P	uto Sweep				
Frequency Sv	weep		195	-	40			O1Pk Max
							M1[1]	17.29 dBr
0 d9m	MI							2,681870 GH
	T						MZ[1]	-35.33 dBr
d9m								4.74990 00
bbiii								
-D								
2Dell								
0 diam								
U UDIII								
u dam-								
o dour		State -						
U OBM		M2						
All has all the	بالألاس بالله يطعي	and some la	and a stand of the state				St. N	
D CBm		and the second		a financia di magina da parte	A hadden and a start of the start of the	in contraction in		ABOUT ALL ALL ALL ALL ALL ALL ALL ALL ALL AL
10		2236123	1 (N	ALCONTROL OF THE	and the second barries	Day and all the states	And the second second	Property of the second
0 dBm-								
actores .								
0 dBm								
			32001 pts		2.0 GHz/			20.0 GH
0.0 MHz								
0.0 MHz Marker Table								
30.0 MHz								

n41 (20M)_DFT-s-OFDM_QPSK_ High _CH(20GHz -26.9GHz)

Ref Level 30.00 dBm	Offset 8 50 dB = BBV	V 1 MH+				SG
Att 34 dB	SWT 32.1 ms • VBV	3 MHz Mode Auto Swe	ep			
Frequency Sweep						O1Pk Ma
					M1[1]	-35.83 dB
2 dam					7	24.203800 G
o dom						
1000						
) dbm						
dBm-						
10 d8m-						
courses 1						
.0 dBm	er and a second					
H2 -	25.000 dam					
30 dBm-			MI			
1	an on the second	Line Hartheredates a ser	Last and the first state of the state of the state	a la sella de la colorada	and the second state of the second	Loc marks a mark
eldemi			while to it start the start of the start		The provident strategy of	-
	22 I C 2524 - C 24	150 1500 Etc	. 10.00			
0 dBm						
i0 dBm-			-	-		
0.0 GHz		32001 pts	690.0 MHz/			26.9 Gł
Marker Table						
Type Ref Tro	X-Value	Y-Value	Function		Function R	esult

n66 : 30MHz –25.7GHz

Spurious emission limit –13dBm. **NOTE: peak above the limit line is the carrier frequency.** n66(10M)_DFT-s-OFDM_BPSK _Low_CH(30MHz-17.8GHz)



0 dBm	M2				
0 dêm					
) d8m	H1 -13.000 dBm	(
Bm					
18m					2,494680.6
19m				M2]	1.711710 0 1] -35.74 d

n66 (10M)_DFT-s-OFDM_QPSK_ Low_CH(30MHz-17.8GHz)



n66 (10M)_DFT-s-OFDM_BPSK _Mid_CH(30MHz-17.8GHz)



0 MHz		32001 ptr	1.78 GHz/		17.8 GH
D dām					
0 dBm-					
dam which which we		and the second secon	A Real Property and a second second second second	Martin Constant	and the settion
C dBm M2		72- 27 TO 101001			
0 dêm					
0 d8m	3.09D dBm				
2011					
d8m					2.505230 G
dam-				M2[1]	1.742250 G
		lan an		M1[1]	20.86 dB

n66 (10M)_DFT-s-OFDM_QPSK_ Mid _CH(30MHz-17.8GHz)



n66 (10M)_DFT-s-OFDM_BPSK _High_CH(30MHz-17.8GHz)



DF "SGFCC"								
Frequency Sv	/eep	T.	11	- r - r				O1Pk Max
ML	6						M1[1]	20.56 dBr
) d8m	· · ·						M2TT	-34,73 dB
							(the fail	3.540300 GH
d8m								How (Here ? A Ho
319400.								
/Bm								
0 dBm				_				
0 dām —				_				
0 dBm	- 92							
All in	In the second		and the state of the second					
a dâm		A STATE OF THE OWNER	and the second se	michael an Altablian Mile	Statistic and	Methoda and	and the second second	
	Reaction of the second second	100			100	Constitution of the second		
0 dBm-								
0 dBm								
0.0 MHz			32001 pts	1.7	78 GHz/			17.8 GH
Marker Table) 							
Contraction of the local division of the loc	Trees.	V-Value	V-Vahio		Eurochion		Euroction Re	er ilt

n66 (10M)_DFT-s-OFDM_QPSK_ High _CH(30MHz-17.8GHz)



NSA

LTE Bands are set under the 10MHz bandwidth, middle channel, 50RB and QPSK modulation. **DC_66A_n5A : 30MHz –8.49GHz**

Spurious emission limit –13dBm.

NOTE: peak above the limit line is the carrier frequency.



DF "SGFCC"									
Frequency Sw	veep						- · ·		O1Pk Mat
1								M1[1]	24.67 dB
d9m								10111	834.600 M
								MZ[1]	2 746500 6
dBm									2.740500 0
		1 1							
(Dec)									
2001									
- dim									
upin-		Bm							
124									
u dem-	1								
2 dem			M2						1.102
and Printers	Marian and a state	ALL REAL PROPERTY.	adult Sauth	The Carlot of State	and south and	A MARINE AND A	1. Longthern desided	an addition of	IL OL ON THE
L CERT	and the supplications	a state of the sta	A DESCRIPTION OF THE OWNER OF THE	instance.	A STATE OF THE OWNER		and the second second	March 199	at weat
					100	20 0.0255 1-320	102030		
) dôm-									
0000000									
) dBm									
0.0 MHz			32001 p	ts	84	6.0 MHz/			8.49 G
Aarker Table					01500				
ype Ref	Trc	X-Value		Y-Value		Function		Function Re	esult
M1	1	334.6 MHZ		24.67 dBm					

DC_5A_n7A : 30MHz -25.7GHz

Spurious emission limit –25dBm.

NOTE: peak above the limit line is the carrier frequency. 30MHz –20GHz



20GHz -25.7GHz



F "SGFCC"		. Mode Muto Sweep				
requency Sweep	10	194				D1Pk Max
					M1[1]	-36.27 dBr
18m			· · · · · ·		2	4.448980 GF
Bm						
im						
d5m-						
H1 -25.000 dBm -						
d8m-				MI		
Group and a second second second	alithe a trouble shallow	national and a state of the second	Abana and constitution of a set		talını, adampitları	a kadi ku ku a fili. Mana ka ka ka ka ka
dam				_		
d8m						
			570.0 MHz/			25.7.CH

DC_66A_n7A : 30MHz -25.7GHz

Spurious emission limit –25dBm.

NOTE: peak above the limit line is the carrier frequency. 30MHz –20GHz



20GHz -25.7GHz



Att 34 TDF "SGFCC"	dB SWT 32.1 ms	 VBW 3 MHz 	Mode Auto Sweep					
Frequency Sweep)	100	12	ър.				D1Pk Max
							M1[1]	-35.47 dB
) dam							19	24.886260 G
I dBm				-				
dBm								
10 d6m-								
10 d6m								
ID dBm	1 -25.000 dbm						M	-
10 dBmiss ()	A DESCRIPTION OF THE OWNER	al a stalling a laur	where the production and shift	in when a single stability	lanan addition	And the second sec		
0 dBm		22 . OA	240 DB 51-529	05524070007011				
0 d8m					-			-
0.0 GHz		32	001 pts	57	0.0 MHz/			25.7 GH
Marker Table								

DC_26A_n41A : 30MHz -26.9GHz

Spurious emission limit –25dBm.

NOTE: peak above the limit line is the carrier frequency. 30MHz –20GHz



20GHz –26.9GHz



MultiView	• Spectrum	1							
Ref Level 30	.00 dBm Offse	et 8.50 dB = RBW	1 MHz						SGL
Att	34 dB SWT	32.1 ms 🖷 VBW	3 MHz Mod	≥ Auto Sweep					
1 Frequency S	weep	9	112		·				01Pk Max
								M1[1]	-36.13 dBm
20 d8m								. 73	25.407810 GHz
10 dBm									
D dBm									
-10 d6m-									
-20 d6m									
-30 d8m	H1 -25.000 A	5m					M1		
e att disk in the	lutin had	Les and the standard	eneli tilse dille	datation de activitat			admillion as a line	in the second	
-50 d8m		T. V. S.S.							
-60 d8m									
20.0 GHz			32001 pt	5	69	0.0 MHz/			26.9 GHz
2 Marker Tab	e	department.		100000000000				semi su lennar	
M1 Re	1 Trc	X-Value 25.40781 GHz		Y-Value 86.13 dBm		Function		Function Re	sult
	10					7	Aborted		27.11.2021 23:58:33

Note: Expanded measurement uncertainty is U = 0.49dB(100KHz-2GHz)/1.21dB(2GHz-26.5GHz), k = 1.96



A.7 PEAK-TO-AVERAGE POWER RATIO

Reference

FCC: CFR Part 27.50(d), KDB971168 D01(5.7).

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

a)Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;

b) Set resolution/measurement bandwidth \geq signal' s occupied bandwidth;

c) Set the number of counts to a value that stabilizes the measured CCDF curve;

d) Set the measurement interval to 1 ms

e)Record the maximum PAPR level associated with a probability of 0.1%

A.7.1 Measurement limit

not exceed 13 dB

A.7.2 Measurement results

Only worst case result is given below

SA n5

	BW(MHz)	OFDM	PAPR(dB)				
			pi/2 BPSK	QPSK	16QAM	64QAM	
926 F	20	DFT	6.40	7.34	7.72	8.04	
030.3	20	CP	N/A	8.02	8.16	8.50	

n5, CP-QPSK (PAPR)



n5, CP-16QAM (PAPR)

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n5, CP-64QAM (PAPR)



n5, DFT-s-pi/2 BPSK (PAPR)



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n5, DFT-s-QPSK (PAPR)



n5, DFT-s-16QAM (PAPR)



n5, DFT-s-64QAM (PAPR)





n7

	BW(MHz)	OFDM	PAPR(dB)				
			pi/2 BPSK	QPSK	16QAM	64QAM	
0505	20	DFT	6.16	7.40	7.50	7.98	
2000		СР	N/A	8.28	8.44	8.58	

n7, CP-QPSK (PAPR)



n7, CP-16QAM (PAPR)





n7, CP-64QAM (PAPR)



n7, DFT-s-pi/2 BPSK (PAPR)



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n7, DFT-s-QPSK (PAPR)



n7, DFT-s-16QAM (PAPR)



n7, DFT-s-64QAM (PAPR)





n38

	BW(MHz)	OFDM	PAPR(dB)				
			pi/2 BPSK	QPSK	16QAM	64QAM	
2505	20	DFT	4.43	5.40	6.11	6.42	
2095		СР	N/A	7.58	7.69	7.87	

n38, CP-QPSK (PAPR)



n38, CP-16QAM (PAPR)













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n38, DFT-s-QPSK (PAPR)





n38, DFT-s-64QAM (PAPR)





n41

	BW(MHz)	OFDM	PAPR(dB)				
			pi/2 BPSK	QPSK	16QAM	64QAM	
2502.00	20	DFT	4.40	5.13	6.08	6.41	
2092.99		CP	N/A	7.70	7.68	7.75	

n41, CP-QPSK (PAPR)



n41, CP-16QAM (PAPR)













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n41, DFT-s-QPSK (PAPR)





n41, DFT-s-64QAM (PAPR)





n66

	BW(MHz)	OFDM	PAPR(dB)				
			pi/2 BPSK	QPSK	16QAM	64QAM	
1745	20	DFT	6.20	7.40	7.44	8.08	
1745		СР	N/A	8.04	8.14	8.54	

n66, CP-QPSK (PAPR)



n66, CP-16QAM (PAPR)