Report No.: TERF2411003768ER Page: 266 of 394



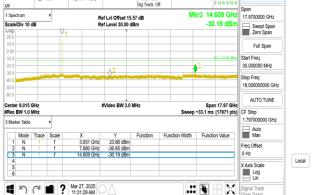
ectrum Analy vept SA	/zer 1 • +	·						Frequency	• • •
EYSIGHT	Input: RF Coupling, DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log Trig: Free Run		1 2 3 4 5 6 M WWWWW P N N N N N	Center Frequency 29.00000000 GHz Span	Settings
Spectrum :ale/Div 10 d	, B		Ref LvI Offset 5.5 Ref Level 25.57 d		M		8.631 GHz 4.12 dBm	22.0000000 GHz	
5.6								Zero Span	
43							QL1-13.00 dBm	Full Span	
4.4							↓ 1	Start Freq 18.000000000 GHz	
14 14 14	-	الباعثتين وأختا الزده						Stop Freq 40.000000000 GHz	
1.4 nter 29.00 G	2019		#Video BW 3.0	4U2		¢.	an 22.00 GHz	AUTO TUNE	
es BW 1.0 N larker Table			#VIGE0 BVV 5.01	1112	Sweep		s (22001 pts)	CF Step 2.20000000 GHz	
	Trace Scale	x	Y	Function	Function Width	Fund	tion Value	Auto Man	
1 N 2 3	1 1	38.631 GHz	-34.12 dBm					Freq Offset 0 Hz	
4 5 6								X Axis Scale Log Lin	Lor
5	a 🔳 ?	Mar 27, 2025 11:34:30 AM				N	HX	Signal Track (Span Zoom)	

Band77-Part27_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_1_CH636000_below 18G Frequency v



wept SA	E lineut 6	' +	Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast	Avg Type: Log	Power	123456	Frequency	· • 🗄
<u>ετοιαπ</u> α	Couplin Align: A		Corr CCorr Freq Ref: Int (S)	whitelit. 30 db	Gate: Off IF Gain: Low Sig Track: Of	Trig: Free Rur		1 2 3 4 5 6 M WWWWW P N N N N N	Center Frequency 29.00000000 GHz	Settings
Spectrum	dP	•		Ref Lvi Offset 5.5	57 dB			.735 GHz 2.70 dBm	22.0000000 GHz	
0g 5.6				Ver Lever 25.57 C					Zero Span	
.57	-							0L1-13.00 dBm	Full Span	
4.4	+							1	Start Freq 18.000000000 GHz	
4.4 4.4 4.4	-							· · · · ·	Stop Freq 40.000000000 GHz	
4.4 enter 29.00	GH7			#Video BW 3.0	WH7		Sn	an 22.00 GHz	AUTO TUNE	
Res BW 1.0 Marker Table	MHz					Sweep		s (22001 pts)	CF Step 2.200000000 GHz	
	Trace	Scale	x	Y	Function	Function Width	Fund	ion Value	Auto Man	
1 N 2	1	1	38.735 GHz	-32.70 dBm					Freq Offset	1
3 4 5									0 Hz X Axis Scale	Lo
6									Log Lin	
			Mar 27, 2025						Signal Track	1

Swept SA	yzer 1 ,	F		-				CH647	Frequency	, ,
KEYSIGHT		Input Z: 50 Ω	#Atten: 30 dB	PNO: Fast	Ava Type: Loa	-Power	3456	<u> </u>		
01	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int		Gate: Off IF Gain: Low	Trig: Free Run		WWWW	Center Fr 9.01500	equency 0000 GHz	Setting
US .	Pagn. Pulo	Freq Ker. Inc	(5)	Sig Track: Off		PN	NNNN	Span	000 0112	
1 Spectrum	•		Ref Lvi Offset 1	5.57 dB	N	lkr3 4.85		17.9700	000 GHz	
Scale/Div 10 d	JB		Ref Level 30.00	dBm		-29.6	6 dBm	E Sw	ept Span	
20.0		1						Zer	o Span	
10.0								Fu	ll Span	
-10.0						01	-13.00 dBm	Start Free		
-20.0		♦3	^2					30.0000	JO MHz	
-40.0		Sector Sector	- Vi	laughterine Barrisolter	No. of Concession, Name	inter Provident		Stop Fred		
-50.0								18.0000	00000 GHz	
Center 9.015 G	247		#Video BW 3			Span 1	7.97 GHz	AUT	O TUNE	
#Res BW 1.0 N	VHz		#VIDEO BVV 3.	0 minz	Sweep	~33.1 ms (17	'971 pts)			
5 Marker Table	,								0000 GHz	
Mode	Trace Scale	X	Y	Function	Function Width	Function \	/alue	Aut Ma		
1 N 2 N	1 1	3.701		1				Freq Offs	et	1
3 N	+++	4.850		n				0 Hz		I c
4 5			_					X Axis Sc		Ŀ
6								Log Lin	ł	
1)	a 🖬 '	Mar 27, 20	25				X	Signal Tra	ack	1
Rand77-	Part27	20MHz Г	OFT s OFE	DM SCS3	0kHz BPS	SK RB	110	CH647	334upr	- Der 1
Spectrum Analy Swept SA			0_0.1	0000		511_112		Ö	Frequency	
KEYSIGHT	Input: RF	Input Z: 50 D	#Atten: 30 dB	PNO: Fast	Avg Type: Log	-Power 12	3456	Center Fr	0.00000	·'
	Coupling: DC Align: Auto	Corr CCorr Freq Ref: Int		Gate: Off IF Gain: Low	Trig: Free Run	MW	www.w		00000 GHz	Setting
UJ			(0)	Sig Track: Off			NNNN	Span		
1 Spectrum	•		Ref LvI Offset	5.57 dB	Mł		4 GHz	22.0000	000 GHz	
Scale/Div 10 d	JB		Ref Level 25.57	/ dBm		-34.4	2 dBm	Sw	ept Span	
15.6								Zer	5 Span	
-4.43								Fu	ll Span	
-14.4	+						-13.00 dBm	Start Free		
-24.4							≬ ¹	18.0000	00000 GHz	
-44.4	-	Sector Sector	and the second	in the second	and the second division of			Stop Free		
-54.4								40.0000	00000 GHz	
Center 29.00 G	247		#Video BW 3.	0.00		Span 2	2.00 GHz	AUT	O TUNE	
Res BW 1.0 N	VHz		#VIDEO BVV 3.	U MINZ	Sweep	~41.7 ms (22	2001 pts)			
5 Marker Table	,								0000 GHz	
Mode	Trace Scale	x	Y	Function	Function Width	Function \	/alue	Aut Ma		
	1 1	38.684	GHz -34.42 dBn	1				Freq Offs		
1 N			-					0 Hz		
2 3							_	X Axis Sc		Ľ
2 3 4 5				1				Log Lin	1	
2 3 4										-
2 3 4 5 6	C - (Mar 27, 20	25				M	Signal Tra	ick.	
		Mar 27, 20 11:35:14 A						Signal Tra (Span Zoo		
2 3 4 5 6 8 and77-F	Part27_2		FT_s_OFD	M_SCS3						low 1
2 3 4 5 6 Band77-F Spectrum Analy	Part27_2	0MHz_D		M_SCS3						
2 3 4 5 6 Band77-F Spectrum Analy Swept SA	Part27_2	0MHz_D	FT_s_OFD	PNO: Fast	0kHz_BPS	K_RB1	_1_0	H656	000_be Frequency	
2 3 4 5 6 Band77-F Spectrum Analy Swept SA KEYSIGHT	Part27_2	0MHz_D	FT_s_OFD	PNO: Fast Gate: Off IF Gain: Low	0kHz_BPS	Power 12	_1_C	H656	DOO_be Frequency	
2 3 4 5 6 Band77-F Spectrum Analy Swept SA KEYSIGHT RL +	Part27_2	OMHz_D	FT_s_OFD	PNO: Fast	OkHz_BPS	Power 12	_1_C	H656	DOO_be Frequency	
2 3 4 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer 1 • • Input: RF Couping: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	0kHz_BPS	Power 12 MW P N (r3 14.60	_1_C 3 4 5 6 WWWW N N N N 9 GHz	Center Fr 9.015000 Span 17.97000	Frequency 0000 GHz	
2 3 4 5 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Power 12 MW P N (r3 14.60	_1_C	Center Fr 9.015000 Span 17.97000	Prequency equency 2000 GHz 2000 GHz ept Span	
2 3 4 5 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Power 12 MW P N (r3 14.60	_1_C 3 4 5 6 WWWW N N N N 9 GHz	Center Fr 9.015000 Span 17.97000 Sw Zer	Frequency equency 2000 GHz 2000 GHz ept Span o Span	
2 3 4 5 6 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Frower 12 WW PN Cr3 14.60 -30.11	_1_C 3 4 5 6 N N N N 9 GHz 9 dBm	Center Fr 9.015000 Span 17.97000 Ev Fu	Frequency Founcy D000 GHz D000 GHz D00 GHz ept Span o Span II Span	
2 3 4 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Frower 12 WW PN Cr3 14.60 -30.11	_1_C 3 4 5 6 WWWW N N N N 9 GHz	Center Fr 9.015000 Span 17.97000 Start Fred Start Fred	Frequency equency 2000 GHz 2000 GHz ept Span o Span	
2 3 4 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Frower 12 WW PN Cr3 14.60 -30.11	_1_C 3 4 5 6 N N N N 9 GHz 9 dBm	Center Fr 9.015000 Span 17.97000 Sv Fu Start Free 30.00000	COObe Frequency equency 0000 GHz 000 GHz ept Span o Span II Span	
2 3 4 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Frower 12 WW PN Cr3 14.60 -30.11	_1_C 3 4 5 6 N N N N 9 GHz 9 dBm	Center Fr 9.015000 Span 17.97000 Start Free 30.00000 Stop Free	Prequency Frequency 2000 GHz 2000 GHz 2000 GHz 2000 GHz 11 Span 20 MHz	
2 3 4 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 yzer1 • • Input: RF Coupling: DC Align: Auto	OMHz_D	FT_S_OFD	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	OkHz_BPS	Frower 12 WW PN Cr3 14.60 -30.11	_1_C 3 4 5 6 N N N N 9 GHz 9 dBm	Center Fr 9.015000 Span 17.97000 Start Free 30.00000 Stop Free 18.00000	DOO_be Frequency 2000 GHz 2000 GHz 2000 GHz 2000 GHz 2000 GHz	
2 3 4 5 6 8 8 8 8 8 8 8 8 8 8 8 8 8	Part27_2 vzer 1 4 input RF Couping DC Aign Auto	OMHz_D	FT_S_OFD	PNO. Fact Gate: Off IF Gain: Low Sig Track: Off 5.57 dB dBm	OkHz_BPS	REPOWER 12 MW PN Kr3 14.60 -30.11 -30.11	_1_C 3 4 5 6 N N N N 9 GHz 9 dBm	Center Fr 9.015000 Span 17.97000 Start Free 30.00000 Stop Free 18.00000	Prequency Frequency 2000 GHz 2000 GHz 2000 GHz 2000 GHz 11 Span 20 MHz	



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台灣檢驗科技股份有限公司

f (886-2) 2298-0488

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Swept SA	ter 1 7						Frequency	•
KEYSIGHT RL +→-	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	iiiAtten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log Trig: Free Run		29.00000000 GHz	Settinç
1 Spectrum Scale/Div 10 dE			tef Lvi Offset 5.5 tef Level 25.57 d		M	(r1 38.620 GH -33.72 dB	22.000000 0112	
Log			lei Level 25.57 d			-00.72 00	Swept Span Zero Span	
5.57							Full Span	
4.43 .14.4 .24.4						DL1-13.00 dE	Start Freq 18.00000000 GHz	
34.4				and a second	and the second second		Stop Freg	
44.4 54.4							40.000000000 GHz	
	łz		#Video BW 3.0 M	MHz		Span 22.00 G	40.00000000 GHz	
54.4 64.4			#Video BW 3.0 h	MHz	Sweep	Span 22.00 Gi ~41.7 ms (22001 pi	40.00000000 GHz AUTO TUNE	
54.4 64.4 Center 29.00 Gł Res BW 1.0 Mi 5 Marker Table	Hz	X	#Video BW 3.0 M		Sweep -		40.00000000 GHz AUTO TUNE s) CF Step	
54.4 64.4 Center 29.00 Gł Res BW 1.0 Mi 5 Marker Table	Hz T					~41.7 ms (22001 pt	40.00000000 GHz AUTO TUNE S) CF Step 2.20000000 GHz Auto	

Band77-Part27_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_1_CH664666_below 18G

KEYSIGHT	Input: RF Coupling: DC Align: Auto	Input Z: 50 Ω Corr CCorr Freq Ref: Int (S)	#Atten: 30 dB	PNO: Fast Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-P Trig: Free Run	DWEF 123456 M WWWWW P N N N N N	Center Frequency 9.01500000 GHz	Settings
Spectrum	,		Ref LvI Offset 15	.57 dB	Mk	r3 3.786 GHz	Span 17.9700000 GHz	
cale/Div 10 d	B	V1	Ref Level 30.00	iBm		-30.00 dBm	Swept Span Zero Span	
0.0							Full Span	
0.0	-	3	^2			QL1-13.00 dBm	Start Freq 30.000000 MHz	
1.0							Stop Freq 18.00000000 GHz	
nter 9.015 C			#Video BW 3.0	MHz		Span 17.97 GHz		
es BW 1.0 M					Sweep ~3	13.1 ms (17971 pts)	CF Step 1.797000000 GHz	
Aarker Table							Auto	
Mode	Trace Sca		Y	Function F	unction Width	Function Value	Man	
1 N	1 1	3.961 GH					Freq Offset	1
2 N	1 f	7.940 GH					0 Hz	
3 N 4	1 1	3.786 GH	z -30.00 dBm				0 Hz	Loc
							X Axis Scale	
5							Log	
5 6							Lin Lin	

Band77-Part27_20MHz_DFT_s_OFDM_SCS30kHz_BPSK_RB1_1_CH664666upper 18G Spectrum Analyzer 1 Swept SA · + • 🌣 Frequency v



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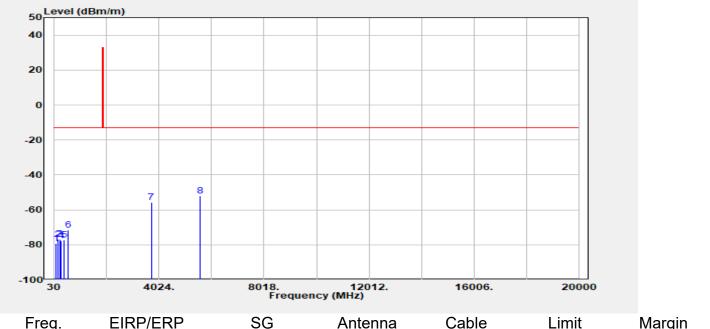
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FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT 5

Report Number	:TERF2411003768ER
Operation Mode	:NR_n2
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:1860 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin	
	-		Output Level	Gain	Loss		-	
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
-								
	77.53	-79.47	-73.94	-3.92	-1.61	-13.00	-66.47	
	182.29	-76.84	-76.00	1.62	-2.47	-13.00	-63.84	
	229.82	-76.90	-78.85	4.72	-2.77	-13.00	-63.90	
	280.26	-77.47	-78.12	3.72	-3.06	-13.00	-64.47	
	389.87	-77.33	-77.63	3.90	-3.60	-13.00	-64.33	
	544.10	-71.53	-71.75	4.48	-4.26	-13.00	-58.53	
	3720.00	-55.50	-56.62	12.50	-11.38	-13.00	-42.50	
	5580.00	-52.11	-51.13	13.12	-14.10	-13.00	-39.11	

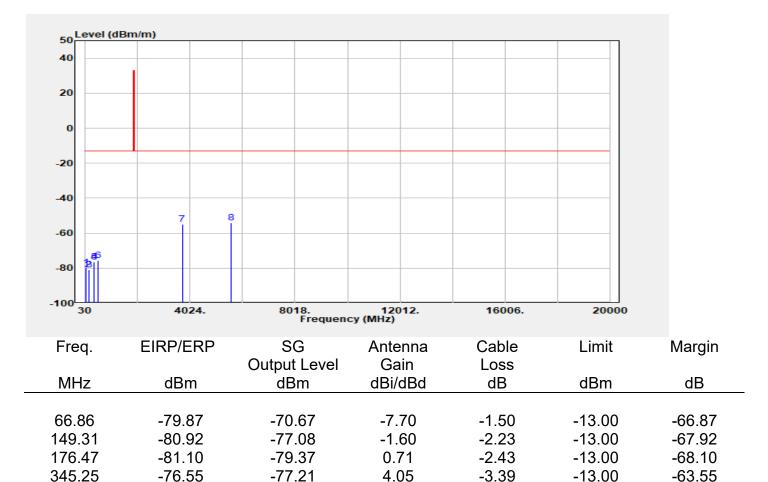
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n2
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:1860 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



4.02

12.50

13.12

-3.53

-4.21

-11.38

-14.10

-13.00

-13.00

-13.00

-13.00

-63.59

-62.49

-41.84

-41.19

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-76.59

-75.49

-54.84

-54.19

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374.35

531.49

3720.00

5580.00

-77.13

-75.31

-55.95

-53.21

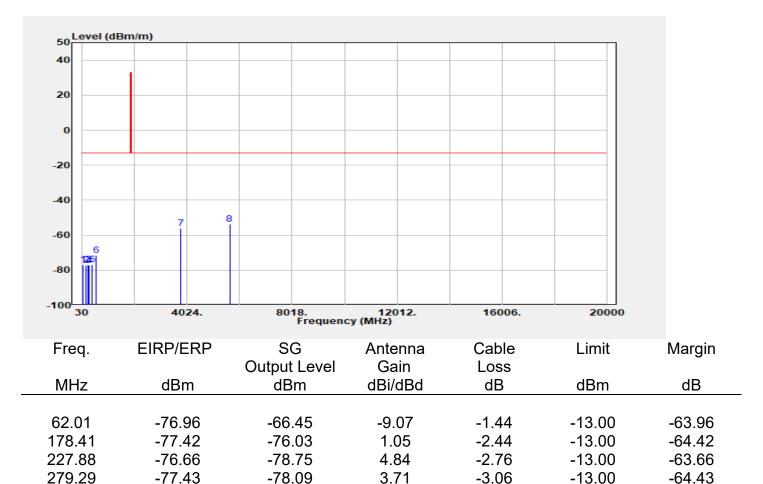
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n2
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:1880 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



4.50

12.50

13.28

-3.59

-4.30

-11.44

-14.17

-13.00

-13.00

-13.00

-13.00

-63.87

-58.57

-42.99

-40.71

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-77.17

-71.78

-57.05

-52.82

-76.87

-71.57

-55.99

-53.71

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387.93

553.80

3760.00

5640.00



Report Number	:TERF2411003768ER
Operation Mode	:NR_n2
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:1880 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



4.33

12.50

13.28

-3.90

-4.34

-11.44

-14.17

-13.00

-13.00

-13.00

-13.00

-64.33

-62.58

-42.86

-40.16

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-77.27

-75.57

-56.92

-52.27

-77.33

-75.58

-55.86

-53.16

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457.77

564.47

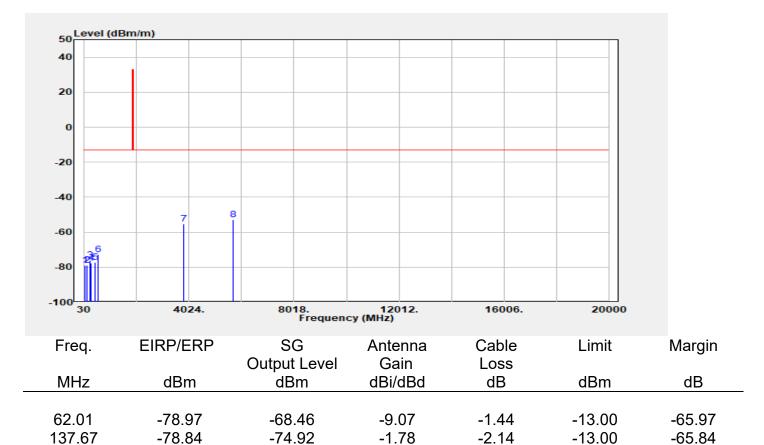
3760.00

5640.00



Report Number	:TERF2411003768ER
Operation Mode	:NR_n2
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:1900 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



3.69

3.78

4.16

12.50

13.10

-2.77

-3.05

-3.88

-4.22

-11.50

-14.25

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-62.94

-64.70

-64.24

-59.69

-42.09

-39.68

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-77.76

-78.35

-77.14

-72.64

-56.09

-51.53

-75.94

-77.70

-77.24

-72.69

-55.09

-52.68

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230.79

277.35

451.95

535.37

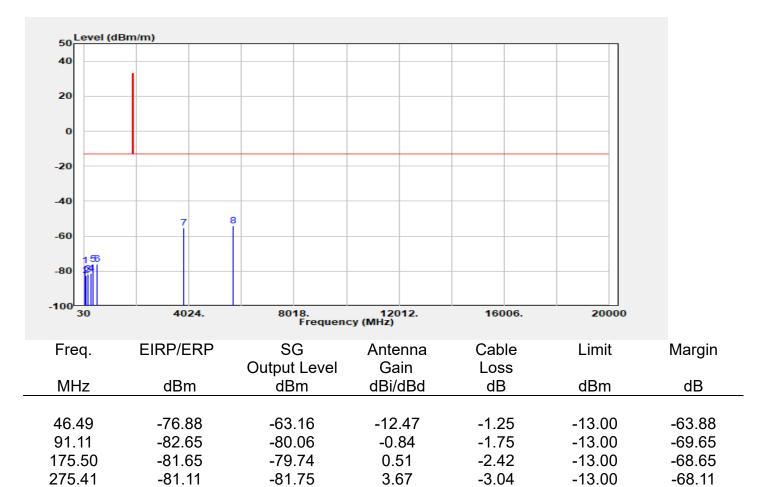
3800.00

5700.00



Report Number	:TERF2411003768ER
Operation Mode	:NR_n2
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:1900 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



3.97

12.50

13.10

-3.54

-4.19

-11.50

-14.25

-13.00

-13.00

-13.00

-13.00

-63.09

-63.20

-42.36

-41.17

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-76.59

-75.98

-56.36

-53.02

-76.09

-76.20

-55.36

-54.17

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376.29

528.58

3800.00

5700.00

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180.35

230.79

272.50

450.01

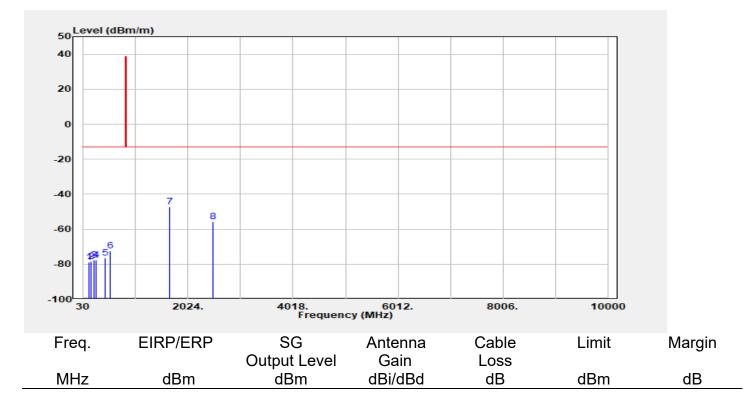
542.16

1663.00

2494.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n5
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:831.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



-1.71

1.27

4.60

3.74

3.74

4.41

9.63

10.55

-2.08

-2.45

-2.77

-3.02

-3.87

-4.25

-7.49

-9.26

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-66.02

-65.56

-64.45

-64.80

-63.50

-59.25

-33.99

-42.76

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-75.23

-77.38

-79.27

-78.52

-76.37

-72.41

-49.13

-57.05

-79.02

-78.56

-77.45

-77.80

-76.50

-72.25

-46.99

-55.76

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164.83

284.14

397.63

537.31

1663.00

2494.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n5
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:831.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin

-1.78

-2.35

-3.08

-3.64

-4.23

-7.49

-9.26

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-69.84

-68.17

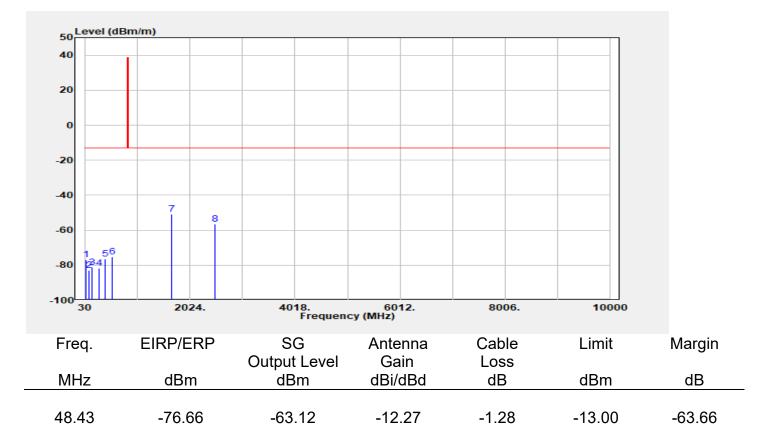
-68.68

-63.23

-62.31

-37.85

-43.69



-0.77

-0.51

3.69

3.92

4.23

9.63

10.55

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-80.28

-78.31

-82.29

-76.51

-75.31

-52.99

-57.98

-82.84

-81.17

-81.68

-76.23

-75.31

-50.85

-56.69

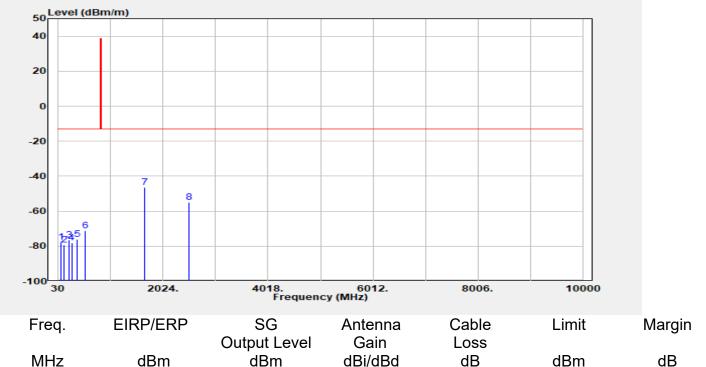
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n5
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:836.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	aBiii	abiii	abi,aba	äD	abiii	äB	_
82.38	-77.46	-73.47	-2.33	-1.66	-13.00	-64.46	
145.43	-79.09	-75.16	-1.72	-2.20	-13.00	-66.09	
232.73	-76.41	-77.94	4.32	-2.79	-13.00	-63.41	
281.23	-78.01	-78.66	3.71	-3.07	-13.00	-65.01	
394.72	-76.21	-76.49	3.91	-3.62	-13.00	-63.21	
536.34	-71.16	-71.13	4.20	-4.23	-13.00	-58.16	
1673.00	-46.47	-48.68	9.73	-7.52	-13.00	-33.47	
2509.50	-55.01	-56.42	10.69	-9.29	-13.00	-42.01	

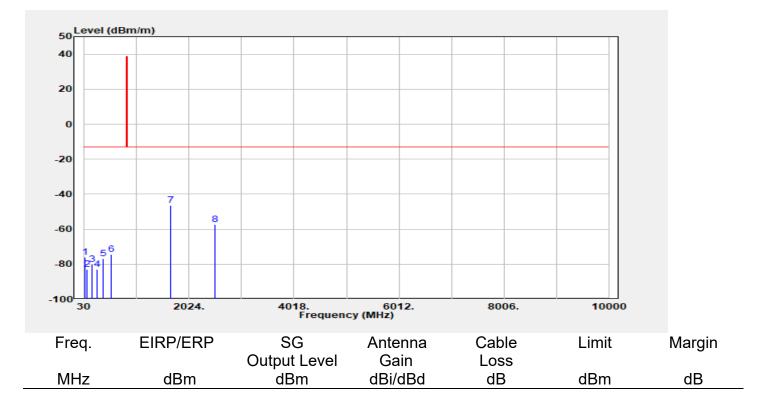
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n5
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:836.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



-12.72

-1.54

1.05

3.85

3.91

4.20

9.73

10.69

-1.21

-1.69

-2.44

-3.01

-3.63

-4.23

-7.52

-9.29

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-63.06

-69.91

-67.21

-70.11

-63.71

-61.47

-33.32 -44.41

Unless otherwise stated the results shown in this test		

-62.13

-79.67

-78.82

-83.95

-76.99

-74.44

-48.54

-58.81

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-76.06

-82.91

-80.21

-83.11

-76.71

-74.47

-46.32

-57.41

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43.58

85.29

178.41

269.59

395.69

536.34

1673.00

2509.50

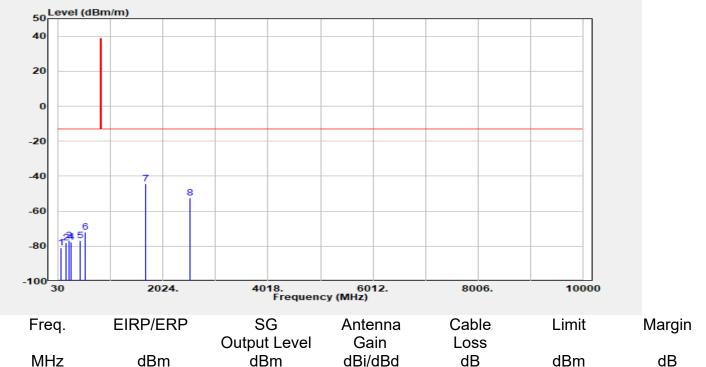
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n5
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:841.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	abiii	abiii	abi, aba	чъ	abiii	чD	
							-
81.41	-81.09	-76.87	-2.56	-1.65	-13.00	-68.09	
180.35	-78.08	-76.90	1.27	-2.45	-13.00	-65.08	
226.91	-76.72	-78.87	4.90	-2.75	-13.00	-63.72	
272.50	-77.53	-78.24	3.74	-3.02	-13.00	-64.53	
450.01	-76.91	-76.78	3.74	-3.87	-13.00	-63.91	
541.19	-71.83	-71.96	4.37	-4.24	-13.00	-58.83	
1683.00	-44.11	-46.40	9.83	-7.54	-13.00	-31.11	
2524.50	-52.62	-53.85	10.56	-9.32	-13.00	-39.62	

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230.79

368.53

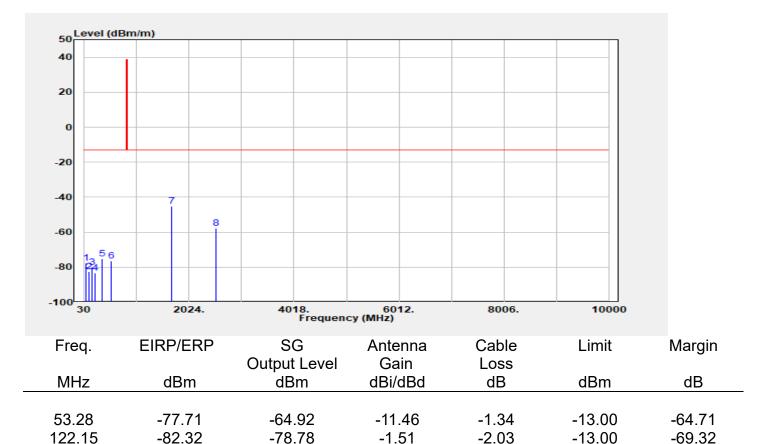
548.95

1683.00

2524.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n5
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:841.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



1.05

4.60

4.17

4.57

9.83

10.56

-2.44

-2.77

-3.50

-4.28

-7.54

-9.32

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-67.12

-70.44

-62.13

-63.32

-32.08 -44.71

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-78.73

-85.26

-75.79

-76.62

-47.37

-58.94

-80.12

-83.44

-75.13

-76.32

-45.08

-57.71

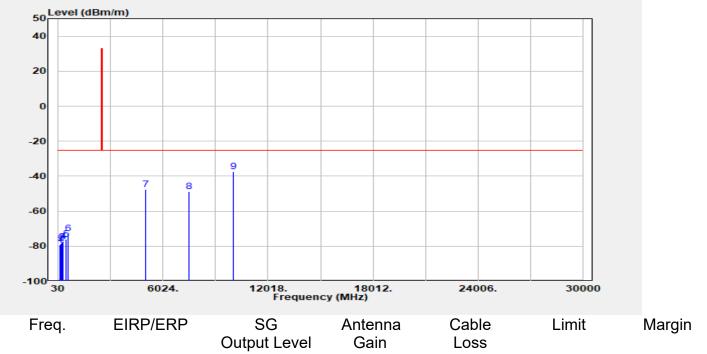
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n7
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:2505 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	-		Output Level	Gain	Loss		-
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	132.82	-79.35	-75.58	-1.65	-2.11	-25.00	-54.35
	174.53	-78.65	-76.70	0.46	-2.42	-25.00	-53.65
	230.79	-77.50	-79.32	4.60	-2.77	-25.00	-52.50
	278.32	-77.22	-77.87	3.70	-3.05	-25.00	-52.22
	477.17	-76.16	-76.17	4.01	-3.99	-25.00	-51.16
	568.35	-72.91	-72.73	4.17	-4.35	-25.00	-47.91
	5010.00	-47.42	-46.51	12.40	-13.31	-25.00	-22.42
	7515.00	-48.74	-43.32	11.03	-16.44	-25.00	-23.74
	10020.00	-37.51	-30.16	11.74	-19.09	-25.00	-12.51

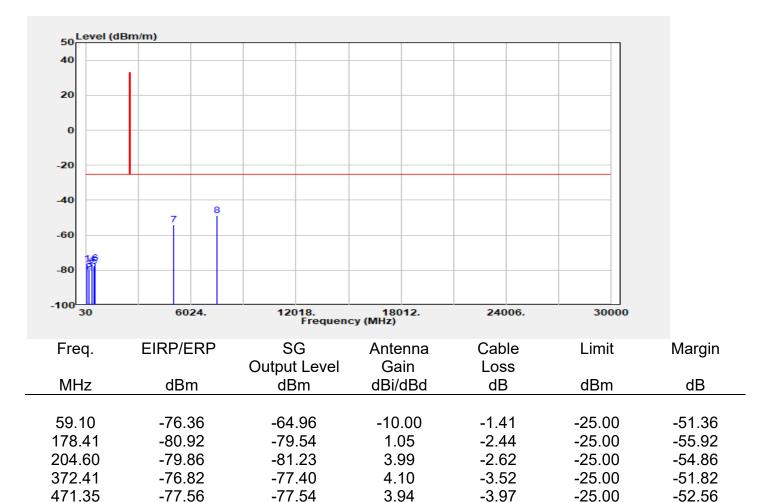
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n7
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:2505 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



12.40

11.03

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-75.97

-52.98

-43.47

-75.90

-53.88

-48.89

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539.25

5010.00

7515.00

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-25.00

-25.00

-25.00

-50.90

-28.88

-23.89

-4.24

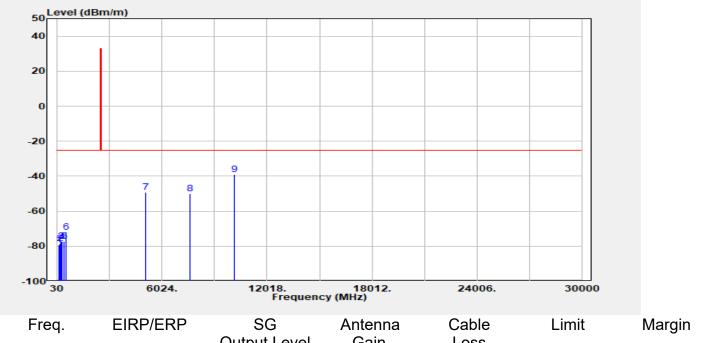
-13.31

-16.44



Report Number	:TERF2411003768ER
Operation Mode	:NR_n7
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:2535 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin	
			Output Level	Gain	Loss			
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	128.94	-79.10	-75.31	-1.71	-2.08	-25.00	-54.10	
	179.38	-78.36	-77.07	1.16	-2.45	-25.00	-53.36	
	229.82	-77.33	-79.28	4.72	-2.77	-25.00	-52.33	
	280.26	-77.28	-77.93	3.72	-3.06	-25.00	-52.28	
	385.02	-77.29	-77.60	3.89	-3.58	-25.00	-52.29	
	547.01	-72.15	-72.42	4.54	-4.27	-25.00	-47.15	
	5070.00	-49.23	-48.23	12.40	-13.40	-25.00	-24.23	
	7605.00	-49.90	-44.57	11.21	-16.55	-25.00	-24.90	
	10140.00	-38.88	-31.44	11.80	-19.23	-25.00	-13.88	

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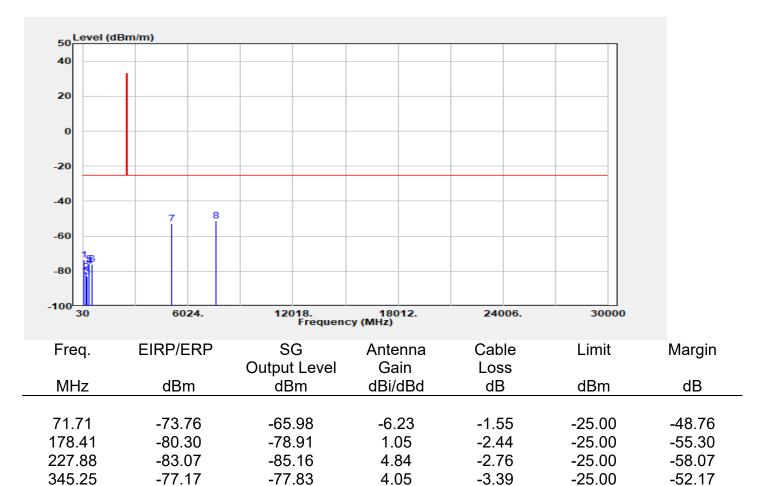
524.70

5070.00

7605.00

Report Number	:TERF2411003768ER
Operation Mode	:NR_n7
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:2535 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



3.98

3.98

12.40

11.21

-3.56

-4.18

-13.40

-16.55

-25.00

-25.00

-25.00

-25.00

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-76.54

-75.87

-51.65

-45.94

-76.13

-76.07

-52.65

-51.28

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-51.13

-51.07

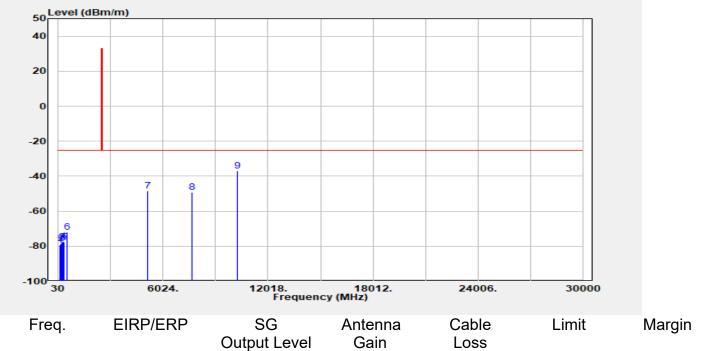
-27.65

-26.28



Report Number	:TERF2411003768ER
Operation Mode	:NR_n7
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:2565 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



		Output Level	Gain	Loss		Ū
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
129.91	-79.15	-75.33	-1.74	-2.09	-25.00	-54.15
180.35	-78.48	-77.30	1.27	-2.45	-25.00	-53.48
231.76	-77.68	-79.36	4.46	-2.78	-25.00	-52.68
279.29	-77.27	-77.93	3.71	-3.06	-25.00	-52.27
356.89	-77.67	-78.48	4.25	-3.44	-25.00	-52.67
538.28	-71.78	-71.81	4.27	-4.23	-25.00	-46.78
5130.00	-48.24	-47.16	12.40	-13.48	-25.00	-23.24
7695.00	-49.16	-43.97	11.48	-16.66	-25.00	-24.16
10260.00	-36.90	-29.35	11.76	-19.31	-25.00	-11.90

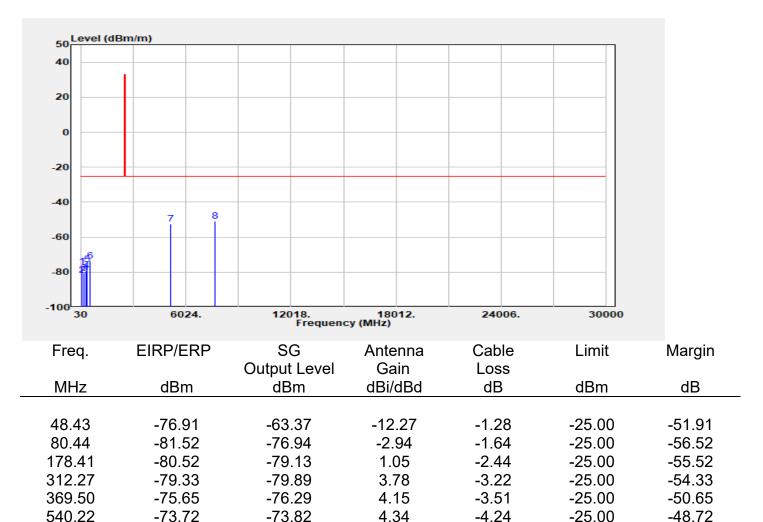
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n7
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:2565 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



11.48

-13.48

-16.66

-25.00

-25.00

-27.55

-25.76

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-51.47

-45.58

-52.55

-50.76

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5130.00

7695.00

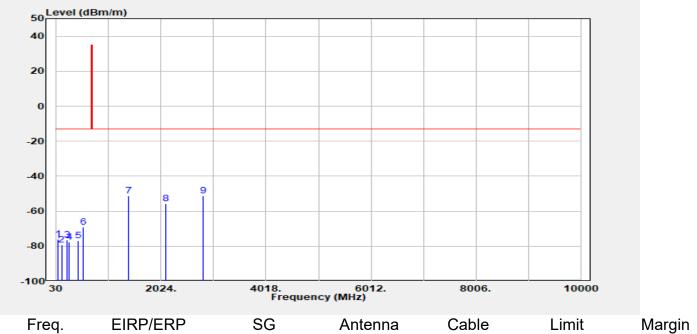
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n12
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:704 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
57.16	-76.17	-64.24	-10.54	-1.39	-13.00	-63.17
127.97	-79.07	-75.31	-1.68	-2.07	-13.00	-66.07
230.79	-76.62	-78.45	4.60	-2.77	-13.00	-63.62
279.29	-77.75	-78.40	3.71	-3.06	-13.00	-64.75
448.07	-76.68	-76.49	3.67	-3.86	-13.00	-63.68
543.13	-68.91	-69.10	4.44	-4.25	-13.00	-55.91
1408.00	-51.33	-52.03	7.58	-6.88	-13.00	-38.33
2112.00	-55.86	-57.05	9.68	-8.49	-13.00	-42.86
2816.00	-51.33	-52.36	10.90	-9.87	-13.00	-38.33

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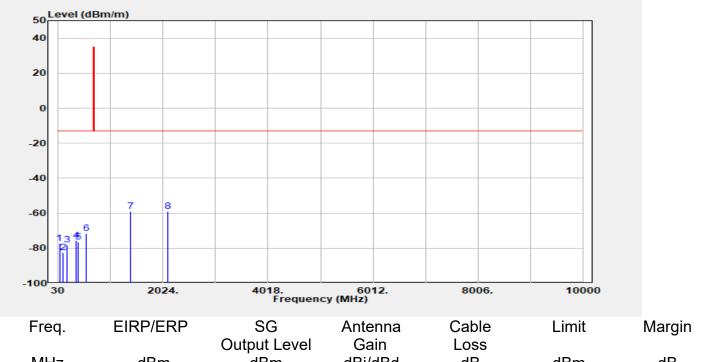
f (886-2) 2298-0488

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Report Number	:TERF2411003768ER
Operation Mode	:NR_n12
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:704 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



1109.		00	7 (110) 1110	Cabio	Enne	margin	
		Output Level	Gain	Loss			
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
							_
51.34	-77.26	-64.10	-11.84	-1.32	-13.00	-64.26	
126.03	-82.44	-78.68	-1.71	-2.06	-13.00	-69.44	
203.63	-78.13	-79.45	3.93	-2.61	-13.00	-65.13	
374.35	-75.49	-76.03	4.07	-3.53	-13.00	-62.49	
402.48	-76.57	-76.84	3.92	-3.66	-13.00	-63.57	
553.80	-71.70	-71.90	4.50	-4.30	-13.00	-58.70	
1408.00	-58.75	-59.45	7.58	-6.88	-13.00	-45.75	
2112.00	-58.80	-59.99	9.68	-8.49	-13.00	-45.80	

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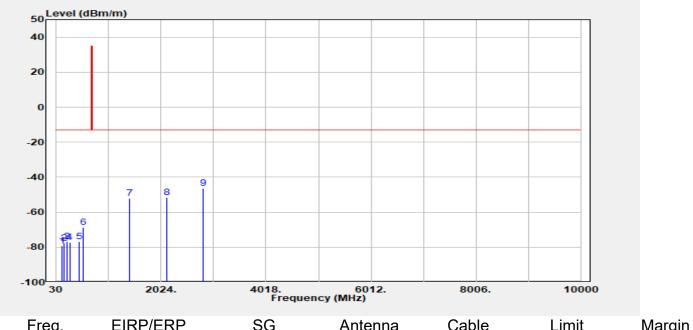
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n12
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:707.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
400.00	70.40	75 70	4.05	0.44	10.00	00.40
132.82	-79.46	-75.70	-1.65	-2.11	-13.00	-66.46
178.41	-77.65	-76.26	1.05	-2.44	-13.00	-64.65
228.85	-76.85	-78.87	4.78	-2.76	-13.00	-63.85
281.23	-77.05	-77.69	3.71	-3.07	-13.00	-64.05
454.86	-76.98	-76.93	3.84	-3.89	-13.00	-63.98
542.16	-68.59	-68.75	4.41	-4.25	-13.00	-55.59
1415.00	-51.84	-52.60	7.65	-6.90	-13.00	-38.84
2122.50	-51.68	-52.75	9.58	-8.51	-13.00	-38.68
2830.00	-46.50	-47.50	10.90	-9.89	-13.00	-33.50

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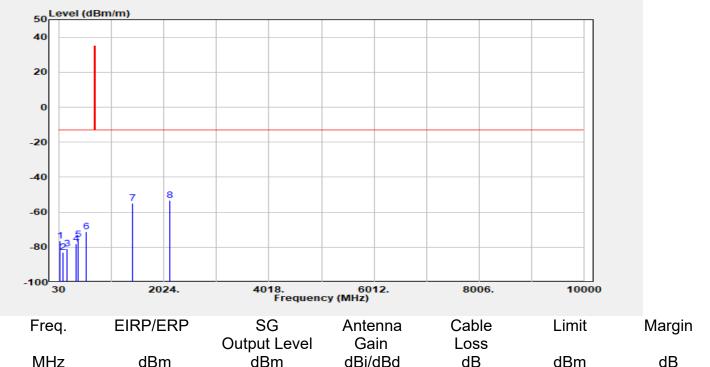
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n12
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:707.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



	UDIII	UDIT	ubi/ubu	uВ	UDIII	uВ	
							_
50.37	-76.47	-63.21	-11.95	-1.30	-13.00	-63.47	
93.05	-83.05	-80.33	-0.95	-1.77	-13.00	-70.05	
177.44	-80.71	-79.18	0.91	-2.43	-13.00	-67.71	
345.25	-78.13	-78.79	4.05	-3.39	-13.00	-65.13	
382.11	-75.73	-76.10	3.94	-3.57	-13.00	-62.73	
542.16	-71.30	-71.46	4.41	-4.25	-13.00	-58.30	
1415.00	-54.71	-55.46	7.65	-6.90	-13.00	-41.71	
2122.50	-53.15	-54.21	9.58	-8.51	-13.00	-40.15	

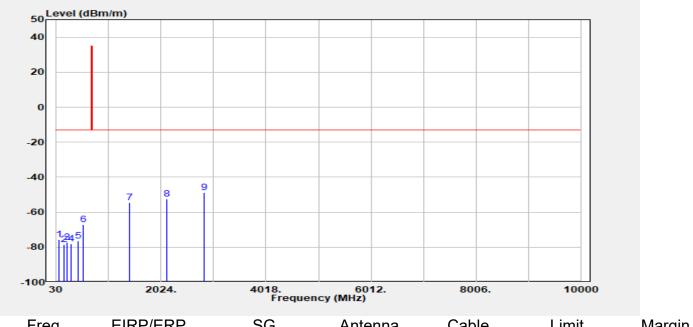
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n12
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:711 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
89.17	-75.51	-72.76	-1.01	-1.73	-13.00	-62.51
178.41	-78.55	-77.16	1.05	-2.44	-13.00	-65.55
228.85	-77.43	-79.45	4.78	-2.76	-13.00	-64.43
305.48	-77.85	-78.53	3.86	-3.19	-13.00	-64.85
446.13	-76.37	-76.11	3.59	-3.85	-13.00	-63.37
540.22	-67.03	-67.12	4.34	-4.24	-13.00	-54.03
1422.00	-54.60	-55.39	7.70	-6.91	-13.00	-41.60
2133.00	-52.44	-53.41	9.50	-8.53	-13.00	-39.44
2844.00	-48.95	-49.93	10.90	-9.92	-13.00	-35.95

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91.11

150.28

178.41

376.29

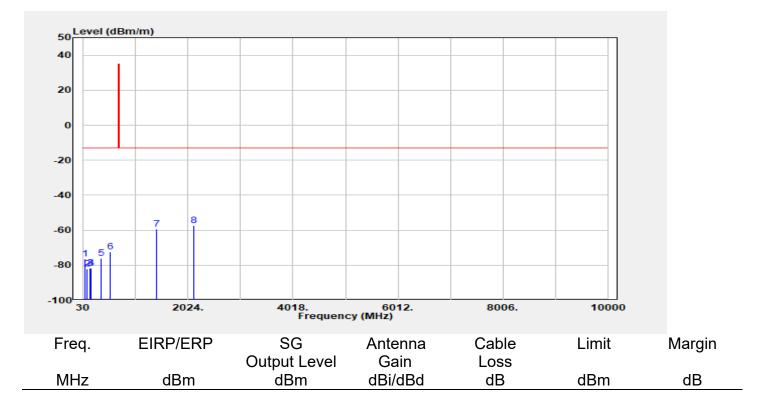
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1422.00

2133.00

Report Number	:TERF2411003768ER
Operation Mode	:NR_n12
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:711 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



-11.58

-0.84

-1.68

1.05

4.04

4.57

7.70

9.50

-1.33

-1.75

-2.24

-2.44

-3.54

-4.28

-6.91

-8.53

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-63.33

-69.16

-68.70

-68.81

-62.98

-59.26

-46.37

-44.43

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-63.42

-79.57

-77.78

-80.42

-76.48

-72.56

-60.15

-58.40

-76.33

-82.16

-81.70

-81.81

-75.98

-72.26

-59.37

-57.43

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231.76

279.29

402.48

536.34

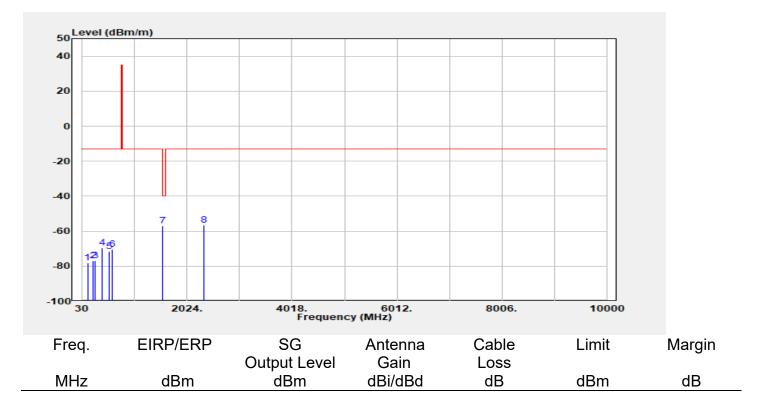
605.21

1564.00

2346.00

Report Number	:TERF2411003768ER
Operation Mode	:NR_n13
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:782 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



-1.68

4.46

3.71

3.92

4.20

3.41

9.20

9.90

-2.07

-2.78

-3.06

-3.66

-4.23

-4.49

-7.26

-8.97

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-40.00

-13.00

-65.23

-63.66

-63.99

-56.48

-58.43

-57.20

-16.72

-43.59

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-74.48

-78.34

-77.65

-69.75

-71.40

-69.12

-58.66

-57.52

-78.23

-76.66

-76.99

-69.48

-71.43

-70.20

-56.72

-56.59

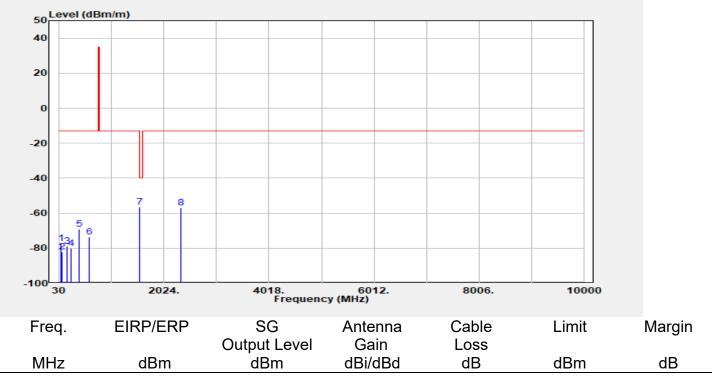
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n13
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:782 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
52.31	-77.31	-64.40	-11.58	-1.33	-13.00	-64.31	
89.17	-82.21	-79.47	-1.01	-1.73	-13.00	-69.21	
174.53	-79.04	-77.09	0.46	-2.42	-13.00	-66.04	
258.92	-80.23	-81.13	3.84	-2.95	-13.00	-67.23	
406.36	-69.10	-69.38	3.96	-3.68	-13.00	-56.10	
605.21	-73.58	-72.51	3.41	-4.49	-13.00	-60.58	
1564.00	-56.42	-58.36	9.20	-7.26	-40.00	-16.42	
2346.00	-57.05	-57.98	9.90	-8.97	-13.00	-44.05	

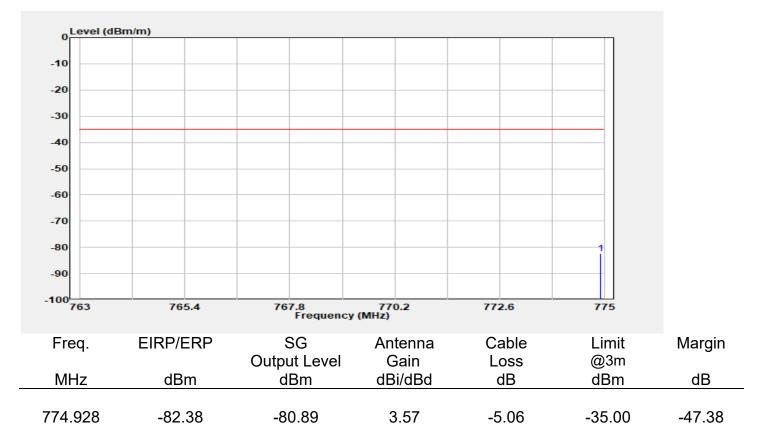
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Report No.: TERF2411003768ER Page: 294 of 394



Report Number	:TERF2411003768ER	Test Site	:SAC 3
Operation Mode	:NR_n13	Test Date	:2024-12-23
Test Mode	:Tx	Temp./Humi.	:20.2°C/53%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:782 MHz	Engineer	:Nick Lin



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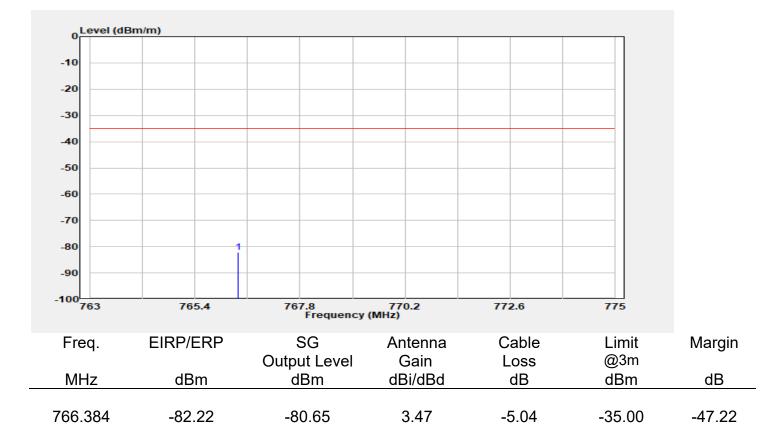
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Report No.: TERF2411003768ER Page: 295 of 394



Report Number	:TERF2411003768ER
Operation Mode	:NR_n13
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:782 MHz

Test Site	:SAC 3
Test Date	:2024-12-23
Temp./Humi.	:20.2°C/53%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



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t (886-2) 2299-3279

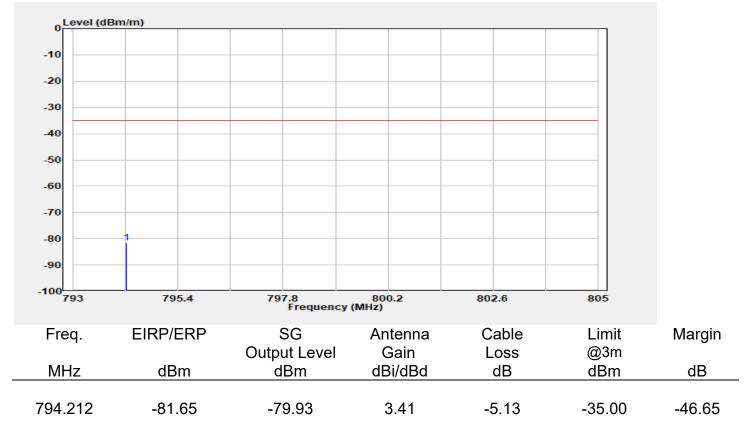
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Report No.: TERF2411003768ER Page: 296 of 394



NR n13 (793-805)

Report Number	:TERF2411003768ER	Test Site	:SAC 3
Operation Mode	:NR_n13	Test Date	:2024-12-23
Test Mode	:Tx	Temp./Humi.	:20.2℃/53%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:782 MHz	Engineer	:Nick Lin



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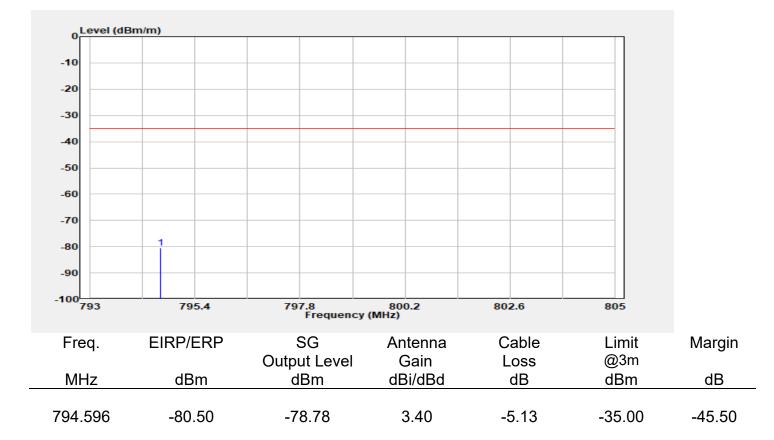
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Report No.: TERF2411003768ER Page: 297 of 394



Report Number	:TERF2411003768ER
Operation Mode	:NR_n13
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:782 MHz

Test Site	:SAC 3
Test Date	:2024-12-23
Temp./Humi.	:20.2°C/53%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

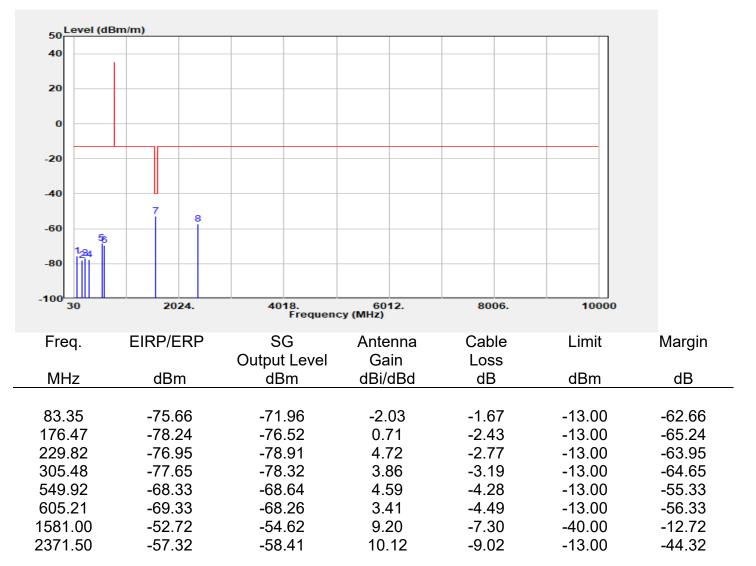
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Report No.: TERF2411003768ER Page: 298 of 394



Report Number	:TERF2411003768ER
Operation Mode	:NR_n14
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:790.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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288.99

390.84

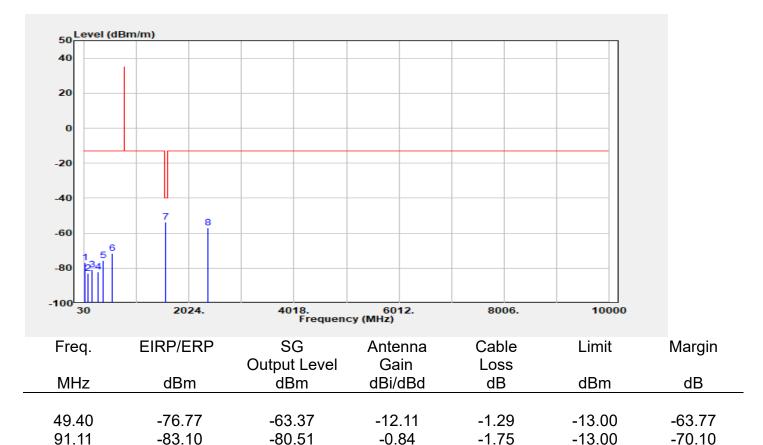
550.89

1581.00

2371.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n14
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:790.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



1.16

3.72

3.90

4.57

9.20

10.12

-2.45

-3.10

-3.60

-4.28

-7.30

-9.02

-13.00

-13.00

-13.00

-13.00

-40.00

-13.00

-68.03

-68.93

-62.70

-58.71

-13.77

-43.74

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-79.74

-82.55

-76.00

-71.99

-55.67

-57.83

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-81.03

-81.93

-75.70

-71.71

-53.77

-56.74

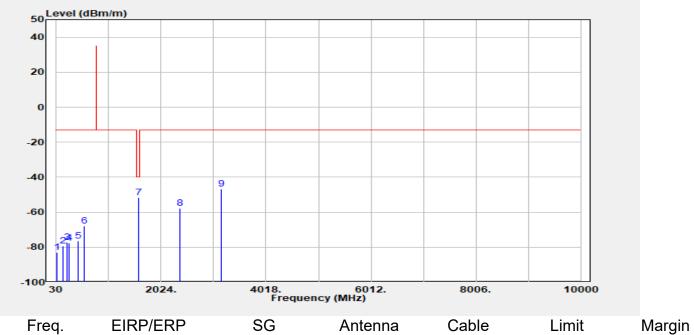
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n14
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:793 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
48.43	-82.74	-69.20	-12.27	-1.28	-13.00	-69.74
150.28	-79.10	-75.17	-1.68	-2.24	-13.00	-66.10
236.61	-77.16	-78.24	3.90	-2.81	-13.00	-64.16
273.47	-77.67	-78.36	3.71	-3.03	-13.00	-64.67
450.01	-76.59	-76.46	3.74	-3.87	-13.00	-63.59
550.89	-67.86	-68.15	4.57	-4.28	-13.00	-54.86
1586.00	-51.50	-53.39	9.20	-7.31	-40.00	-11.50
2379.00	-57.57	-58.72	10.19	-9.04	-13.00	-44.57
3172.00	-46.71	-47.64	11.43	-10.50	-13.00	-33.71

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Report Number	:TERF2411003768ER
Operation Mode	:NR_n14
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:793 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin

-2.44

-2.62

-3.55

-4.20

-7.31

-9.04

-13.00

-13.00

-13.00

-13.00

-40.00

-13.00

-67.84

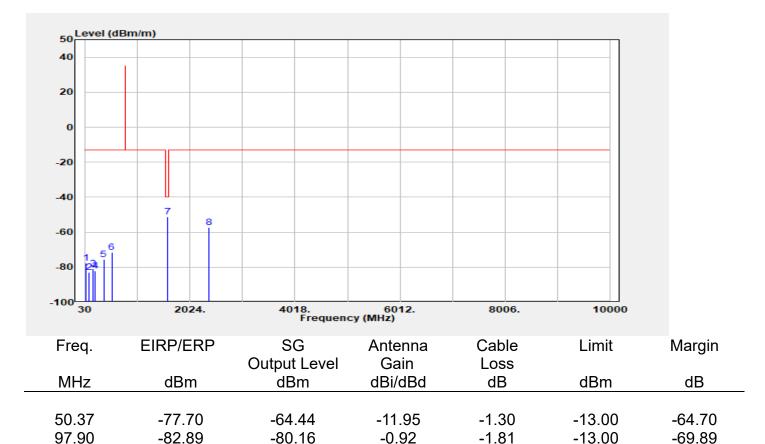
-68.91

-62.71

-58.63

-11.23

-44.28



1.05

4.05

4.02

3.99

9.20

10.19

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-79.45

-83.34

-76.19

-71.42

-53.12

-58.43

t (886-2) 2299-3279

-80.84

-81.91

-75.71

-71.63

-51.23

-57.28

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178.41

205.57

377.26

530.52

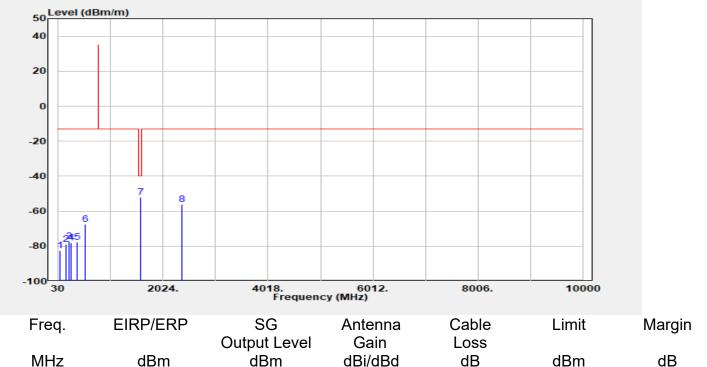
1586.00

2379.00



Report Number	:TERF2411003768ER
Operation Mode	:NR_n14
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:795.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	abiii	abiii	abi/aba	чD	abiii	чD	
							_
57.16	-82.53	-70.60	-10.54	-1.39	-13.00	-69.53	
178.41	-78.66	-77.27	1.05	-2.44	-13.00	-65.66	
232.73	-77.17	-78.71	4.32	-2.79	-13.00	-64.17	
278.32	-78.09	-78.74	3.70	-3.05	-13.00	-65.09	
387.93	-77.64	-77.94	3.90	-3.59	-13.00	-64.64	
541.19	-67.50	-67.62	4.37	-4.24	-13.00	-54.50	
1591.00	-51.86	-53.75	9.21	-7.32	-40.00	-11.86	
2386.50	-55.94	-57.02	10.14	-9.05	-13.00	-42.94	

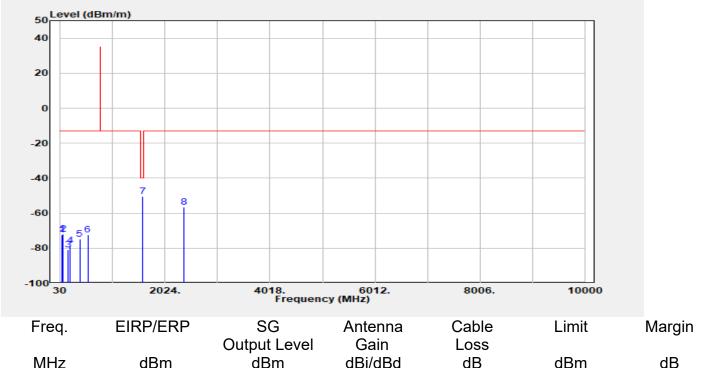
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n14
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:795.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



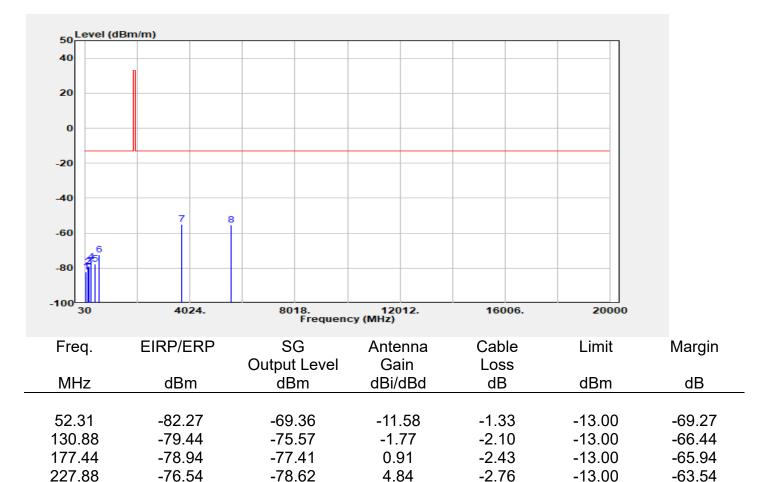
	uDiii	ubiii	uDi/uDu	чD	uDiii	чD	
							_
60.07	-72.33	-60.98	-9.92	-1.42	-13.00	-59.33	
71.71	-72.08	-64.29	-6.23	-1.55	-13.00	-59.08	
176.47	-81.00	-79.28	0.71	-2.43	-13.00	-68.00	
205.57	-78.64	-80.07	4.05	-2.62	-13.00	-65.64	
396.66	-74.91	-75.19	3.91	-3.63	-13.00	-61.91	
549.92	-72.54	-72.85	4.59	-4.28	-13.00	-59.54	
1591.00	-50.59	-52.48	9.21	-7.32	-40.00	-10.59	
2386.50	-56.37	-57.45	10.14	-9.05	-13.00	-43.37	

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Report Number	:TERF2411003768ER	Tes
Operation Mode	:NR_n25	Tes
Test Mode	:Tx	Ten
EUT Pol	:H Plane	Ant
Test Frequency	:1857.5 MHz	Eng

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



4.43

12.50

13.09

-3.61

-4.32

-11.37

-14.09

-13.00

-13.00

-13.00

-13.00

-64.70

-59.45

-41.84

-42.14

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-77.99

-72.56

-55.97

-54.14

-77.70

-72.45

-54.84

-55.14

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392.78

560.59

3715.00

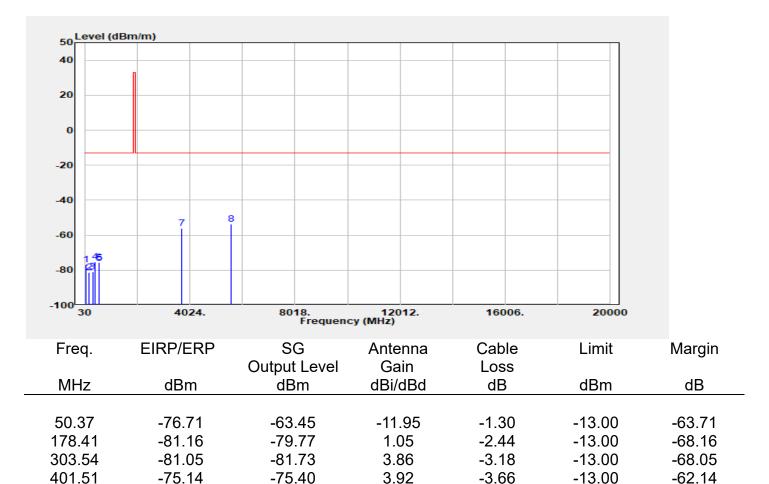
5572.50

t (886-2) 2299-3279



Report Number	:TERF2411003768ER	Test S
Operation Mode	:NR_n25	Test [
Test Mode	:Tx	Temp
EUT Pol	:H Plane	Anter
Test Frequency	:1857.5 MHz	Engir

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



4.33

12.50

13.09

-4.23

-4.34

-11.37

-14.09

-13.00

-13.00

-13.00

-13.00

-62.99

-62.64

-42.91

-40.71

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-75.96

-75.63

-57.04

-52.71

-75.99

-75.64

-55.91

-53.71

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536.34

564.47

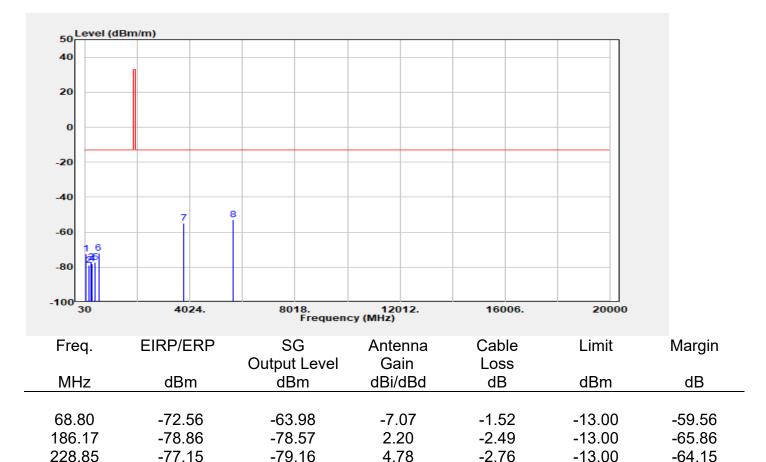
3715.00

5572.50



Report Number	:TERF2411003768ER	Te
Operation Mode	:NR_n25	Te
Test Mode	:Tx	Те
EUT Pol	:H Plane	An
Test Frequency	:1882.5 MHz	En

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



4.08

4.09

12.50

13.30

-3.05

-3.70

-4.21

-11.45

-14.18

-13.00

-13.00

-13.00

-13.00

-13.00

-65.14

-64.30

-58.97

-41.98

-40.00

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-78.79

-77.68

-71.84

-56.03

-52.11

-78.14

-77.30

-71.97

-54.98

-53.00

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278.32

412.18

533.43

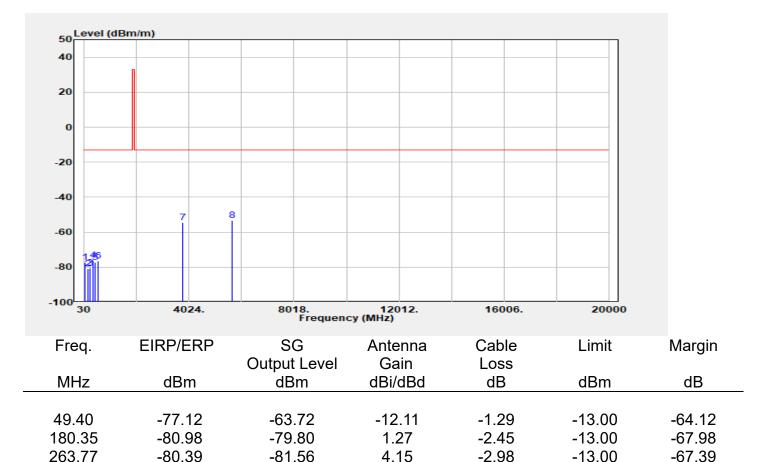
3765.00

5647.50



Report Number	:TERF2411003768ER	Test S
Operation Mode	:NR_n25	Test [
Test Mode	:Tx	Temp
EUT Pol	:H Plane	Anter
Test Frequency	:1882.5 MHz	Engir

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



3.84

4.47

12.50

13.30

-3.53

-3.89

-4.30

-11.45

-14.18

-13.00

-13.00

-13.00

-13.00

-13.00

-63.02

-64.43

-63.43

-41.55

-40.34

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-76.56

-77.38

-76.59

-55.60

-52.46

-76.02

-77.43

-76.43

-54.55

-53.34

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374.35

455.83

555.74

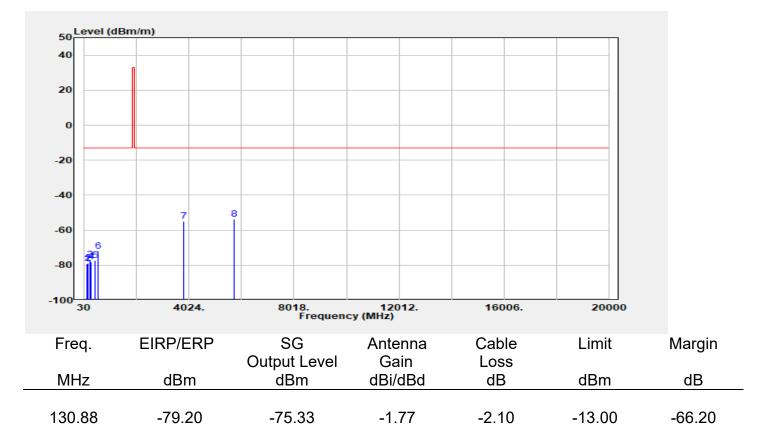
3765.00

5647.50



Report Number	:TERF2411003768ER	Tes
Operation Mode	:NR_n25	Tes
Test Mode	:Tx	Tei
EUT Pol	:H Plane	An
Test Frequency	:1907.5 MHz	En

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



4.46

3.70

3.86

4.20

12.47

13.10

-2.44

-2.78

-3.07

-3.78

-4.23

-11.52

-14.28

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-65.91

-63.90

-64.89

-64.13

-58.97

-41.93

-40.74

I lalage otherwise stated the regulation because in this test report refer only to the second of	a) tested and such some la(s) are retained for 00 days only
Unless otherwise stated the results shown in this test report refer only to the sample(s	s) lested and such sample(s) are retained for 90 days only.
	-,

-77.52

-78.58

-78.52

-77.21

-71.94

-55.87

-52.56

t (886-2) 2299-3279

-78.91

-76.90

-77.89

-77.13

-71.97

-54.93

-53.74

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178.41

231.76

282.20

429.64

536.34

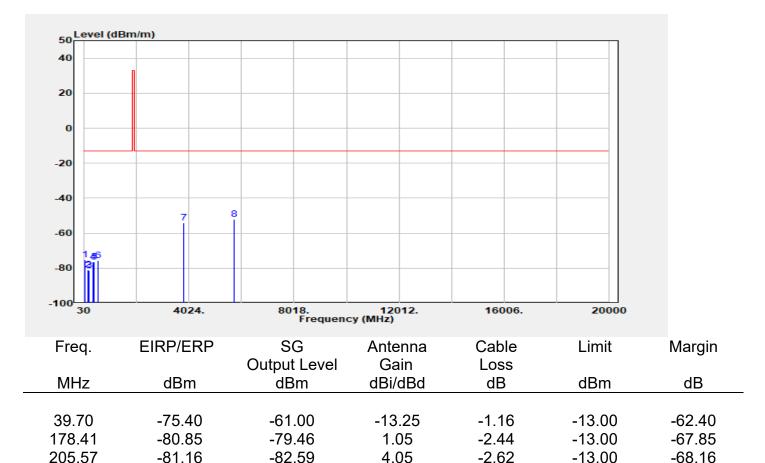
3815.00

5722.50



Report Number	:TERF2411003768ER	Test
Operation Mode	:NR_n25	Test
Test Mode	:Tx	Tem
EUT Pol	:H Plane	Ante
Test Frequency	:1907.5 MHz	Eng

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



4.00

4.37

12.47

13.10

-3.54

-3.68

-4.24

-11.52

-14.28

-13.00

-13.00

-13.00

-13.00

-13.00

-63.26

-63.61

-62.70

-41.02

-39.15

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-76.77

-76.93

-75.83

-54.97

-50.96

-76.26

-76.61

-75.70

-54.02

-52.15

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375.32

408.30

541.19 3815.00

5722.50

-67.30

-65.06

-63.57

-64.48

-63.79 -58.10

-34.22

-42.80

:SAC 3

:Vertical

:2025-01-23 :21.2°C/62%



54.25

181.32

229.82

274.44

439.34

527.61

1633.00

2449.50

Report Number	:TERF2411003768ER	Test Site
Operation Mode	:NR_n26_Part 90S	Test Date
Test Mode	:Tx	Temp./Humi.
EUT Pol	:H Plane	Antenna Pol.
Test Frequency	:816.5 MHz	Engineer

est Frequency	y :816.5 MH	Z	Engir	neer :Nic	k Lin	
50 Level (dBr	m/m)					
40						
20						
0						
-20						
-40						
-60	7 8					
-80						
-100 30	2024.	4018. Frequenc	6012. cy (MHz)	8006.	10000	
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-67.77

-77.08

-78.52

-78.13

-76.62

-70.88

-49.20

-57.02

-80.30

-78.06

-76.57

-77.48

-76.79

-71.10

-47.22

-55.80

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f (886-2) 2298-0488

-11.18

1.48

4.72

3.69

3.66

3.97

9.40

10.40

-1.35

-2.46

-2.77

-3.03

-3.83

-4.19

-7.42

-9.18

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

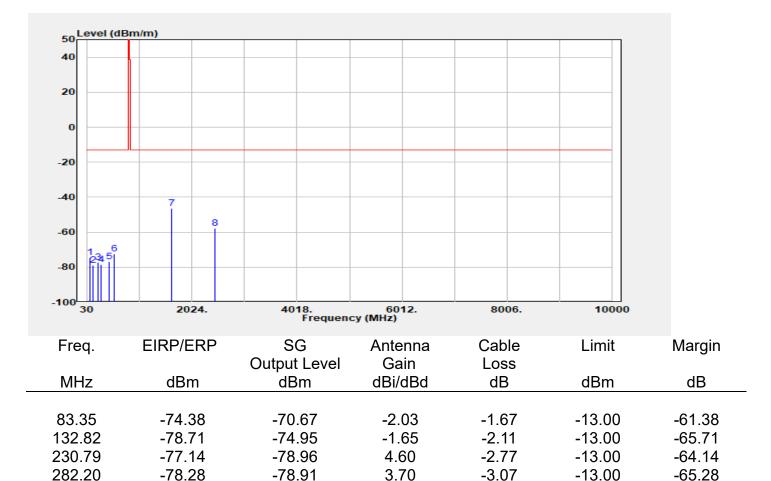
www.sgs.com.tw

Report No.: TERF2411003768ER Page: 311 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:NR_n26_Part 90S	Test Dat
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:819 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



3.70

4.09

9.40

10.47

-3.82

-4.21

-7.43

-9.19

-13.00

-13.00

-13.00

-13.00

-63.92

-59.20

-33.25

-44.57

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-76.80

-72.08

-48.22

-58.85

-76.92

-72.20

-46.25

-57.57

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437.40

533.43 1638.00

2457.00

Report No.: TERF2411003768ER Page: 312 of 394

:SAC 3

:Vertical

:2025-01-23 :21.2°C/62%



128.94

205.57

231.76 270.56

400.54

564.47

1643.00

2464.50

Report Number	:TERF2411003768ER	Test Site
Operation Mode	:NR_n26_Part 90S	Test Date
Test Mode	:Tx	Temp./Humi.
EUT Pol	:H Plane	Antenna Pol.
Test Frequency	:821.5 MHz	Engineer

est Frequenc	y :821.5 MF	łz	Engir	eer :Nicł	k Lin	
50 Level (dB	im/m)					
40						
20						
0						
-20						
-40	7 8					
-60						
-80						
-100 30	2024.	4018. Frequenc	6012. sy (MHz)	8006.	10000	
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
	GDII	dDill	UDI/UDU	UD	GDIII	UD

-1.71

4.05

4.46

3.79

3.92

4.33

9.43

10.55

-2.08

-2.62

-2.78

-3.01

-3.65

-4.34

-7.44

-9.21

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-66.04

-63.73

-64.09

-65.00

-64.58

-59.52

-33.71

-43.84

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-75.25

-78.16

-78.77

-78.78

-77.85

-72.51

-48.70

-58.18

-79.04

-76.73

-77.09

-78.00

-77.58

-72.52

-46.71

-56.84

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50 Level (dBm/n

40

20

0

-20

-40

-60

-80

-100

30

Report Number	:TERF2411003768ER	Test Site	:SAC 3
Operation Mode	:NR_n26_Part 90S	Test Date	:2025-01-23
Test Mode	:Tx	Temp./Humi.	:21.2°C/62%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:816.5 MHz	Engineer	:Nick Lin

:Tx :H Plane :816.5 MHz				Temp./Humi. :21.2℃/62% Antenna Pol. :Horizontal Engineer :Nick Lin			ontal		
m)									_
7	ş								
			L			L			

2024. 4018. 6012. Frequency (MHz) 8006. 10000 Freq. **EIRP/ERP** SG Cable Margin Antenna Limit **Output Level** Gain Loss dBm dBi/dBd dB MHz dBm dB dBm 44.55 -76.60 -62.82 -12.56 -1.22 -13.00 -63.60 152.22 -79.99 -76.18 -2.26 -13.00 -66.99 -1.55 182.29 -81.28 -80.44 1.62 -2.47-13.00-68.28 391.81 -75.90 -76.19 3.90 -3.61 -13.00 -62.90 -76.77 445.16 -76.47 3.56 -3.85 -13.00 -63.77 529.55 -74.92-74.70-4.20-13.00-61.923.97 1633.00 -49.46-51.44 9.40 -7.42 -13.00 -36.462449.50 -57.68 -58.9010.40 -9.18-13.00 -44.68

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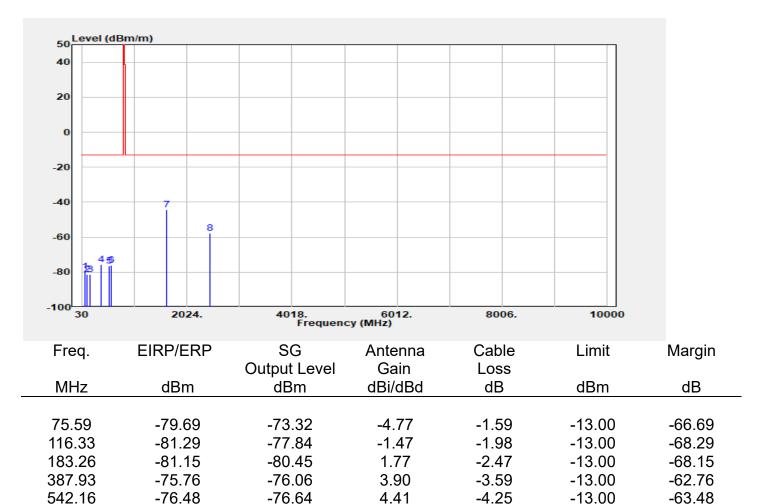
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Report Number	:TERF2411003768ER	Test Site
Operation Mode	:NR_n26_Part 90S	Test Date
Test Mode	:Tx	Temp./Hur
EUT Pol	:H Plane	Antenna P
Test Frequency	:819 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



9.40

10.47

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-75.46

-46.44

-59.07

-75.93

-44.47

-57.79

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580.96

1638.00

2457.00

f (886-2) 2298-0488

-13.00

-13.00

-13.00

-4.39

-7.43

-9.19

-62.93

-31.47

-44.79



-100 30

Report Number	:TERF2411003768ER	Test Site	:SAC 3
Operation Mode	:NR_n26_Part 90S	Test Date	:2025-01-23
Test Mode	:Tx	Temp./Humi.	:21.2°C/62%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:821.5 MHz	Engineer	:Nick Lin

4018.

Γ Pol t Frequency	:H Plane :821.5 MHz		Anten	na Pol. eer	:Horizc	ontal
			Ligin		.TNICK L	
50 Level (dBm/m	ו)					
40		 				
20						
o						
-20						
-40	7					
-60	8					
-80 2						
-80						

6012.

8006.

10000

			riequeiic	y (winz)				
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	47.46	-76.95	-63.40	-12.29	-1.26	-13.00	-63.95	
	167.74	-81.60	-78.87	-0.35	-2.37	-13.00	-68.60	
	345.25	-78.87	-79.53	4.05	-3.39	-13.00	-65.87	
	379.20	-77.39	-77.83	3.99	-3.56	-13.00	-64.39	
	488.81	-76.52	-76.50	4.01	-4.04	-13.00	-63.52	
	567.38	-75.70	-75.56	4.22	-4.35	-13.00	-62.70	
	1643.00	-46.56	-48.55	9.43	-7.44	-13.00	-33.56	
	2464.50	-58.49	-59.83	10.55	-9.21	-13.00	-45.49	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

2024.

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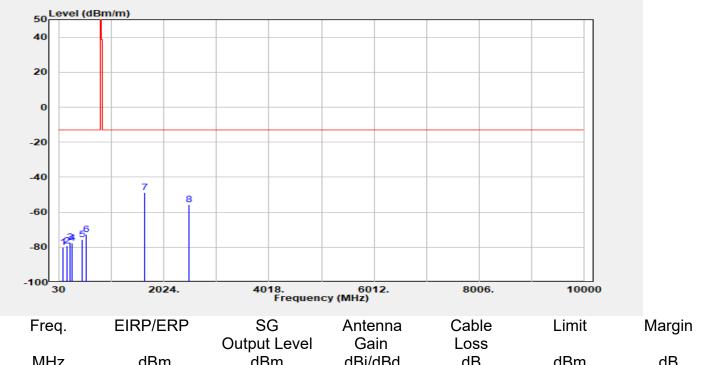
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n26
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:829 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	ubiii	ubiii	ubi/ubu	uВ	ubiii	uВ	
							_
96.93	-79.91	-77.05	-1.07	-1.80	-13.00	-66.91	
176.47	-79.24	-77.52	0.71	-2.43	-13.00	-66.24	
230.79	-77.22	-79.04	4.60	-2.77	-13.00	-64.22	
274.44	-77.56	-78.22	3.69	-3.03	-13.00	-64.56	
461.65	-75.48	-75.40	3.84	-3.92	-13.00	-62.48	
544.10	-72.72	-72.94	4.48	-4.26	-13.00	-59.72	
1658.00	-48.58	-50.68	9.58	-7.48	-13.00	-35.58	
2487.00	-55.66	-56.91	10.50	-9.25	-13.00	-42.66	

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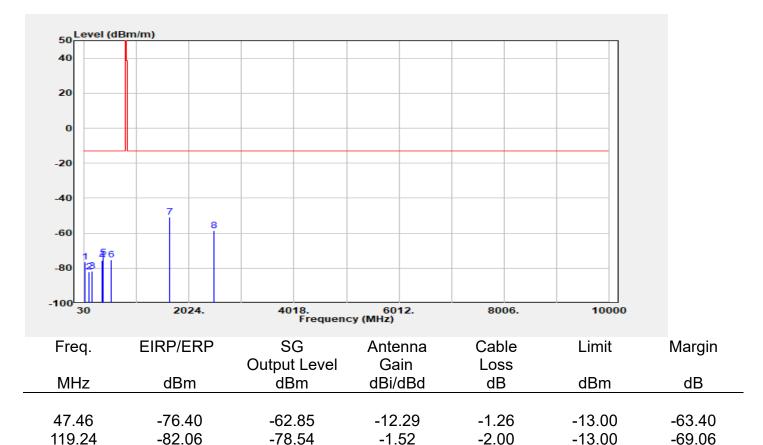
f (886-2) 2298-0488

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Report Number	:TERF2411003768ER
Operation Mode	:NR_n26
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:829 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



4.18

3.92

4.27

9.58

10.50

-2.43

-3.50

-3.57

-4.23

-7.48

-9.25

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-68.75

-62.72

-60.95

-62.40

-38.01

-45.67

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-81.75

-75.72

-73.95

-75.40

-51.01

-58.67

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177.44

367.56

383.08

538.28

1658.00

2487.00

t (886-2) 2299-3279

-80.22

-76.40

-74.30

-75.44

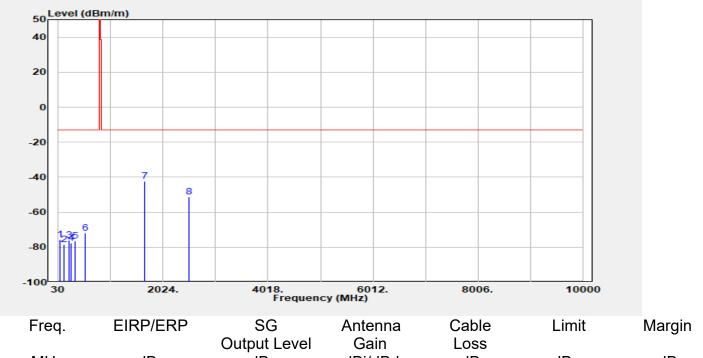
-53.11

-59.93



Report Number	:TERF2411003768ER
Operation Mode	:NR_n26
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:836.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



		Output Level	Gain	Loss		
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
69.77	-75.68	-67.46	-6.69	-1.53	-13.00	-62.68
131.85	-78.55	-74.73	-1.72	-2.10	-13.00	-65.55
228.85	-75.82	-77.84	4.78	-2.76	-13.00	-62.82
277.35	-77.48	-78.13	3.69	-3.05	-13.00	-64.48
342.34	-76.59	-77.24	4.02	-3.38	-13.00	-63.59
541.19	-72.11	-72.23	4.37	-4.24	-13.00	-59.11
1673.00	-42.34	-44.56	9.73	-7.52	-13.00	-29.34
2509.50	-51.34	-52.75	10.69	-9.29	-13.00	-38.34

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175.50

225.94

383.08

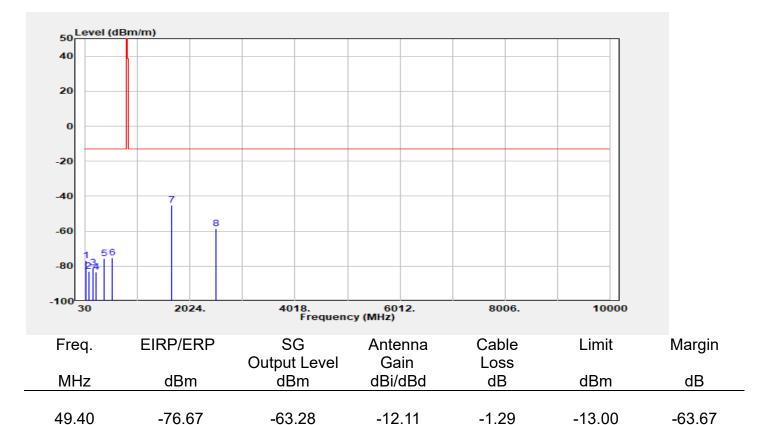
536.34

1673.00

2509.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n26
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:836.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



-0.93

0.51

4.96

3.92

4.20

9.73

10.69

-1.74

-2.42

-2.75

-3.57

-4.23

-7.52

-9.29

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-70.01

-68.07

-70.27

-62.81

-62.22

-31.98

-45.35

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-80.35

-79.17

-85.49

-76.16

-75.19

-47.19

-59.76

-83.01

-81.07

-83.27

-75.81

-75.22

-44.98

-58.35

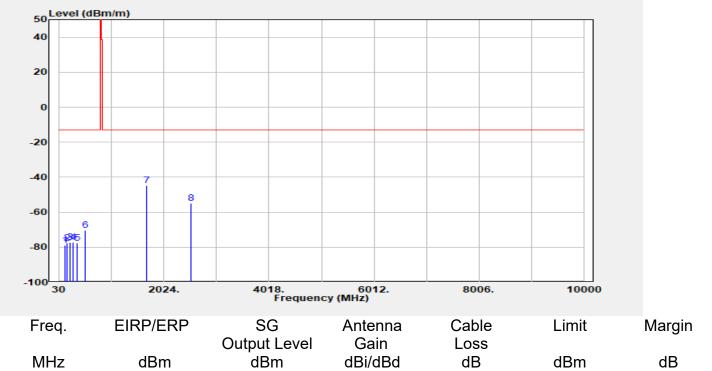
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n26
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:844 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



143.49	-79.04	-75.02	-1.83	-2.19	-13.00	-66.04
180.35	-77.50	-76.32	1.27	-2.45	-13.00	-64.50
238.55	-77.14	-78.09	3.77	-2.82	-13.00	-64.14
283.17	-77.16	-77.77	3.69	-3.08	-13.00	-64.16
366.59	-77.83	-78.54	4.20	-3.49	-13.00	-64.83
528.58	-70.53	-70.31	3.97	-4.19	-13.00	-57.53
1688.00	-44.57	-46.90	9.88	-7.55	-13.00	-31.57
2532.00	-54.68	-55.87	10.52	-9.33	-13.00	-41.68

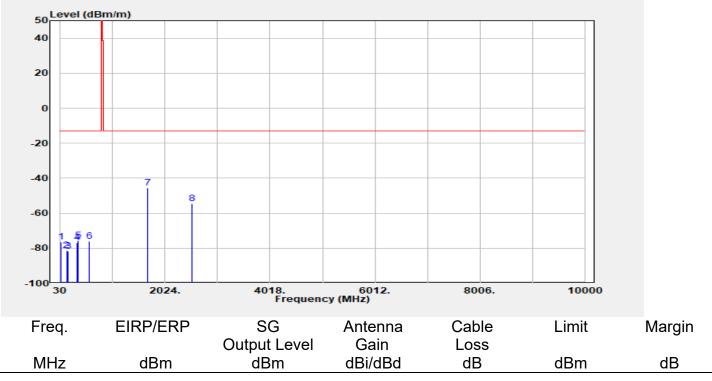
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n26
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:844 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



49.40	-76.35	-62.95	-12.11	-1.29	-13.00	-63.35
147.37	-81.32	-77.29	-1.81	-2.22	-13.00	-68.32
178.41	-81.54	-80.15	1.05	-2.44	-13.00	-68.54
345.25	-76.69	-77.35	4.05	-3.39	-13.00	-63.69
374.35	-75.67	-76.21	4.07	-3.53	-13.00	-62.67
584.84	-76.01	-75.43	3.82	-4.41	-13.00	-63.01
1688.00	-45.69	-48.02	9.88	-7.55	-13.00	-32.69
2532.00	-54.59	-55.77	10.52	-9.33	-13.00	-41.59

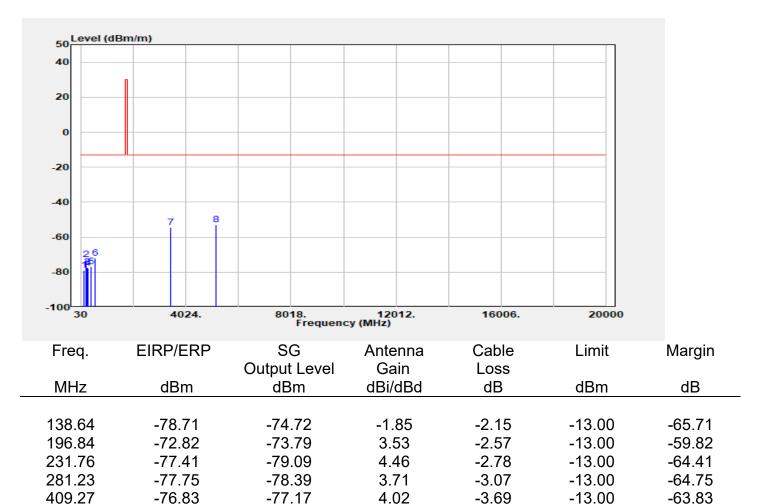
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Report Number	:TERF2411003768ER	Test Si
Operation Mode	:NR_n66	Test Da
Test Mode	:Tx	Temp./
EUT Pol	:H Plane	Antenn
Test Frequency	:1717.5 MHz	Engine

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



12.60

12.41

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-72.07

-56.19

-51.66

-72.05

-54.52

-52.76

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563.50

3435.00

5152.50

f (886-2) 2298-0488

-13.00

-13.00

-13.00

-4.33

-10.93

-13.51

-59.05

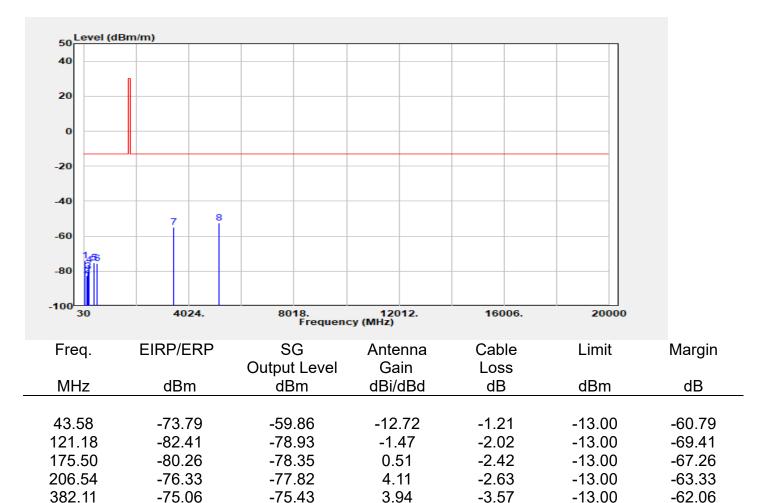
-41.52

-39.76



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:NR_n66	Test Date
Test Mode	:Tx	Temp./Hu
EUT Pol	:H Plane	Antenna
Test Frequency	:1717.5 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



12.60

12.41

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-75.57

-56.55

-51.43

-75.79

-54.87

-52.53

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530.52

3435.00

5152.50

f (886-2) 2298-0488

-13.00

-13.00

-13.00

-4.20

-10.93

-13.51

-62.79

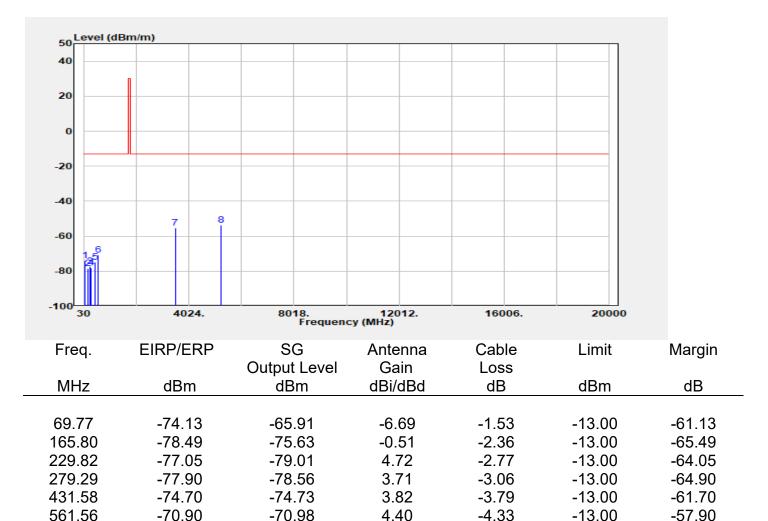
-41.87

-39.53



Report Number	:TERF2411003768ER	-
Operation Mode	:NR_n66	-
Test Mode	:Tx	-
EUT Pol	:H Plane	ŀ
Test Frequency	:1745 MHz	E

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



12.81

-11.01

-13.63

-13.00

-13.00

-42.20

-40.52

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-56.63

-52.70

-55.20

-53.52

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3490.00

5235.00

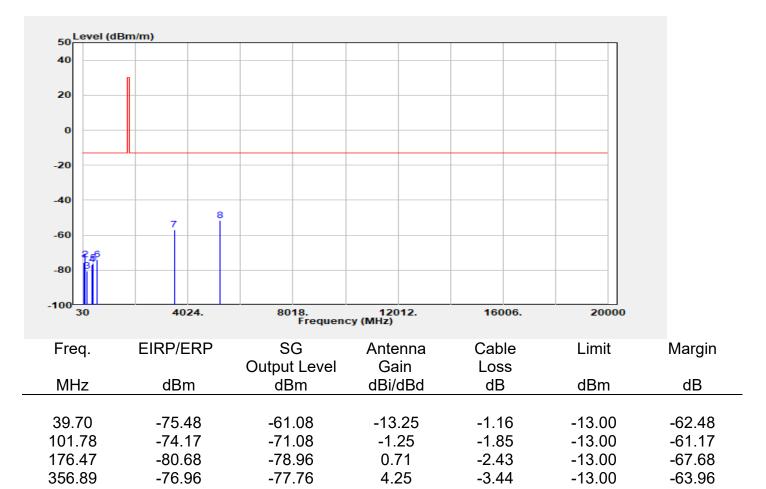
f (886-2) 2298-0488

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Report Number	:TERF2411003768ER	-
Operation Mode	:NR_n66	-
Test Mode	:Tx	-
EUT Pol	:H Plane	1
Test Frequency	:1745 MHz	E

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



4.56

12.44

12.81

-3.62

-4.27

-11.01

-13.63

-13.00

-13.00

-13.00

-13.00

-62.83

-60.83

-43.73

-38.56

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-76.12

-74.11

-58.15

-50.74

-75.83

-73.83

-56.73

-51.56

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393.75

547.98

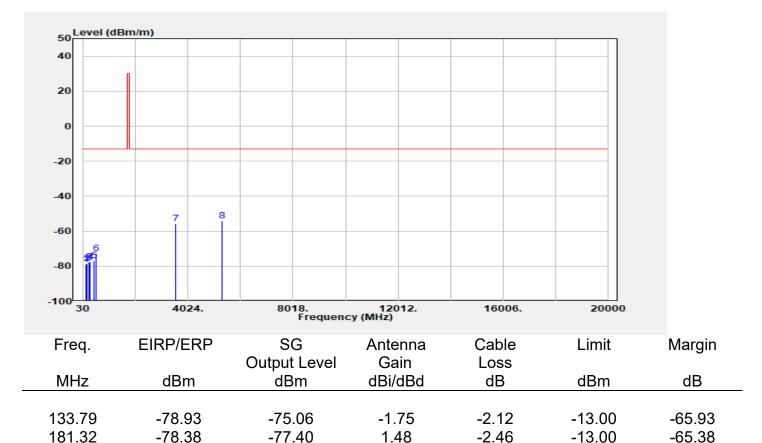
3490.00

5235.00



Report Number	:TERF2411003768ER	Test
Operation Mode	:NR_n66	Test
Test Mode	:Tx	Tem
EUT Pol	:H Plane	Ante
Test Frequency	:1772.5 MHz	Engi

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



3.72

3.74

3.97

12.22

13.03

-2.77

-3.06

-3.87

-4.20

-11.10

-13.74

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-64.51

-64.64

-63.88

-59.68

-42.50

-40.94

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-79.46

-78.30

-76.75

-72.45

-56.62

-53.24

t (886-2) 2299-3279

-77.51

-77.64

-76.88

-72.68

-55.50

-53.94

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229.82

280.26

450.01

529.55

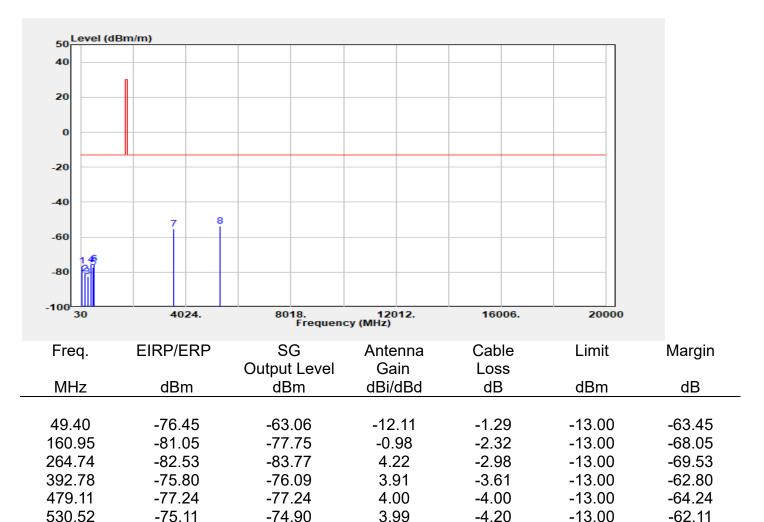
3545.00

5317.50



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:NR_n66	Test Dat
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:1772.5 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



13.03

-11.10

-13.74

-13.00

-13.00

-42.24

-40.86

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-56.36

-53.15

-55.24

-53.86

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3545.00

5317.50

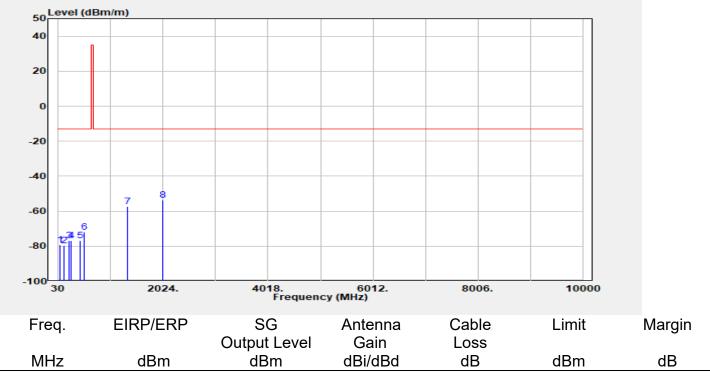
f (886-2) 2298-0488

www.sqs.com.tw



Report Number	:TERF2411003768ER
Operation Mode	:NR_n71
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:670.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



57.16	-79.12	-67.19	-10.54	-1.39	-13.00	-66.12
135.73	-79.54	-75.65	-1.77	-2.13	-13.00	-66.54
227.88	-76.77	-78.85	4.84	-2.76	-13.00	-63.77
276.38	-76.91	-77.55	3.68	-3.04	-13.00	-63.91
451.95	-76.69	-76.59	3.78	-3.88	-13.00	-63.69
528.58	-71.78	-71.56	3.97	-4.19	-13.00	-58.78
1341.00	-57.25	-57.83	7.30	-6.72	-13.00	-44.25
2011.50	-53.60	-55.73	10.40	-8.28	-13.00	-40.60

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167.74

207.51

380.17

405.39

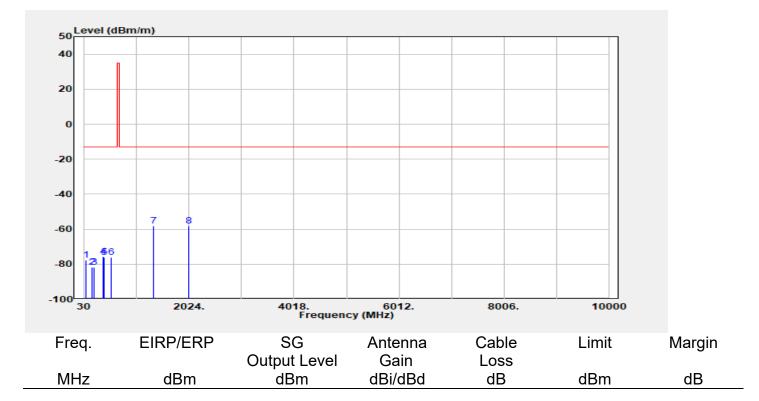
544.10

1341.00

2011.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n71
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:670.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



-6.69

-0.35

4.17

3.98

3.94

4.48

7.30

10.40

-1.53

-2.37

-2.64

-3.56

-3.67

-4.26

-6.72

-8.28

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-64.68

-68.52

-68.89

-62.69

-62.91

-62.84

-45.15

-45.20

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-69.46

-78.79

-83.42

-76.10

-76.18

-76.06

-58.74

-60.33

-77.68

-81.52

-81.89

-75.69

-75.91

-75.84

-58.15

-58.20

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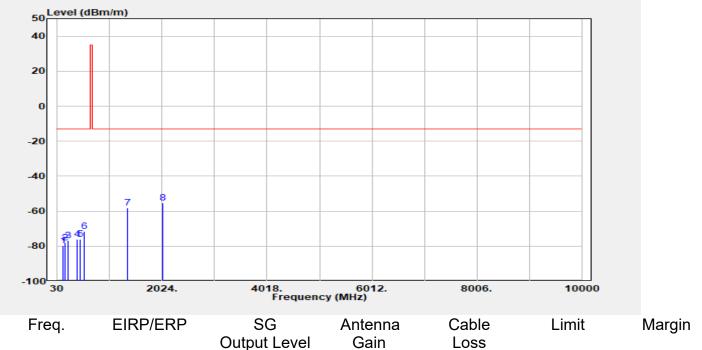
f (886-2) 2298-0488

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Report Number	:TERF2411003768ER
Operation Mode	:NR_n71
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:680.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



	1109.		00	7 411011110	Oubic		margin
			Output Level	Gain	Loss		
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
-							
	135.73	-79.62	-75.72	-1.77	-2.13	-13.00	-66.62
	178.41	-78.20	-76.81	1.05	-2.44	-13.00	-65.20
	229.82	-76.86	-78.81	4.72	-2.77	-13.00	-63.86
	397.63	-75.88	-76.16	3.92	-3.64	-13.00	-62.88
	472.32	-75.89	-75.88	3.96	-3.97	-13.00	-62.89
	535.37	-71.48	-71.42	4.16	-4.22	-13.00	-58.48
	1361.00	-58.11	-58.85	7.51	-6.77	-13.00	-45.11
	2041.50	-55.11	-56.88	10.12	-8.34	-13.00	-42.11

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176.47

282.20

347.19

379.20

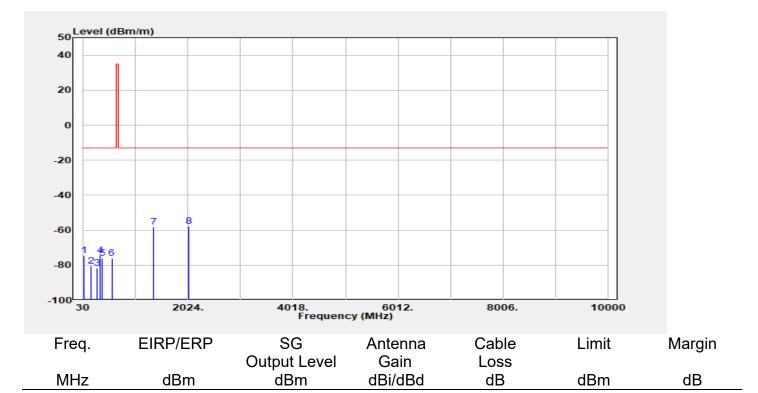
569.32

1361.00

2041.50

Report Number	:TERF2411003768ER
Operation Mode	:NR_n71
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:680.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



-12.61

0.71

3.70

4.09

3.99

4.13

7.51

10.12

-1.24

-2.43

-3.07

-3.40

-3.56

-4.36

-6.77

-8.34

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-61.59

-67.65

-68.66

-61.50

-62.96

-62.94

-44.98

-44.83

y to the sample(s) tested and such sample(s) are retained for 90 days only.

-60.74

-78.92

-82.30

-75.20

-76.40

-75.72

-58.72

-59.61

-74.59

-80.65

-81.66

-74.50

-75.96

-75.94

-57.98

-57.83

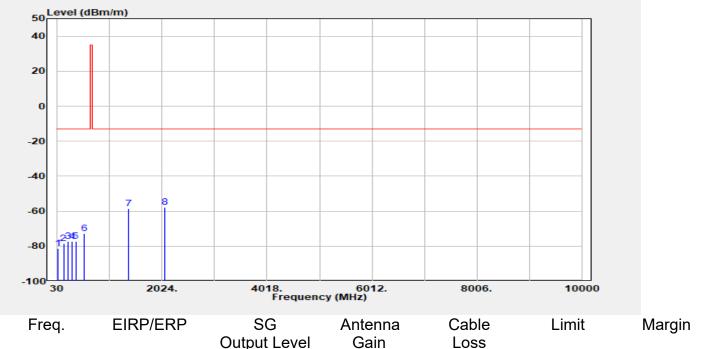
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n71
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:690.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



ricq.				Japic		Margin	
		Output Level	Gain	Loss			
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
							_
49.40	-81.41	-68.01	-12.11	-1.29	-13.00	-68.41	
147.37	-78.46	-74.43	-1.81	-2.22	-13.00	-65.46	
229.82	-77.07	-79.02	4.72	-2.77	-13.00	-64.07	
303.54	-77.34	-78.02	3.86	-3.18	-13.00	-64.34	
377.26	-77.26	-77.73	4.02	-3.55	-13.00	-64.26	
542.16	-72.93	-73.09	4.41	-4.25	-13.00	-59.93	
1381.00	-58.69	-59.26	7.39	-6.81	-13.00	-45.69	
2071.50	-57.60	-59.28	10.09	-8.40	-13.00	-44.60	

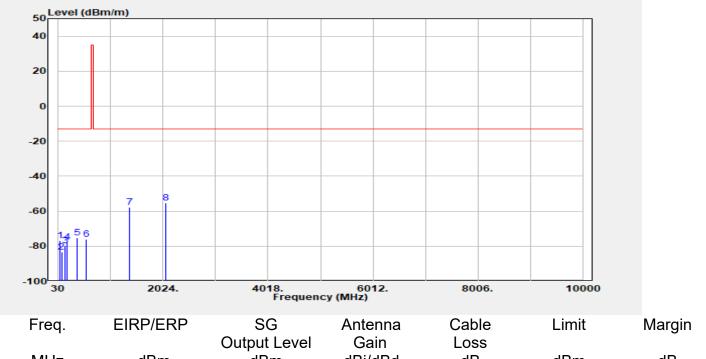
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Report Number	:TERF2411003768ER
Operation Mode	:NR_n71
Test Mode	:Tx
EUT Pol	:H Plane
Test Frequency	:690.5 MHz

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



			U UIII	2000			
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
52.31	-76.75	-63.84	-11.58	-1.33	-13.00	-63.75	
90.14	-83.17	-80.50	-0.93	-1.74	-13.00	-70.17	
152.22	-79.67	-75.87	-1.55	-2.26	-13.00	-66.67	
202.66	-77.46	-78.73	3.87	-2.61	-13.00	-64.46	
383.08	-75.15	-75.50	3.92	-3.57	-13.00	-62.15	
551.86	-75.85	-76.11	4.55	-4.29	-13.00	-62.85	
1381.00	-57.81	-58.39	7.39	-6.81	-13.00	-44.81	
2071.50	-55.18	-56.86	10.09	-8.40	-13.00	-42.18	

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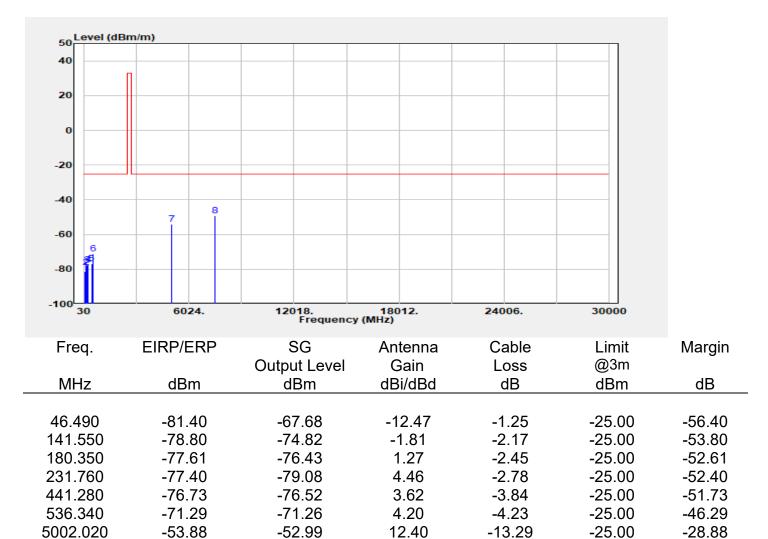
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Report No.: TERF2411003768ER Page: 334 of 394



Report Number	:TERF2411003768ER	Test Sit
Operation Mode	:RedCap_n41	Test Da
Test Mode	:Tx	Temp./ł
EUT Pol	:H Plane	Antenna
Test Frequency	:2503.5 MHz	Engine

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-43.95

-49.37

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11.01

7503.030

f (886-2) 2298-0488

-16.43

-25.00

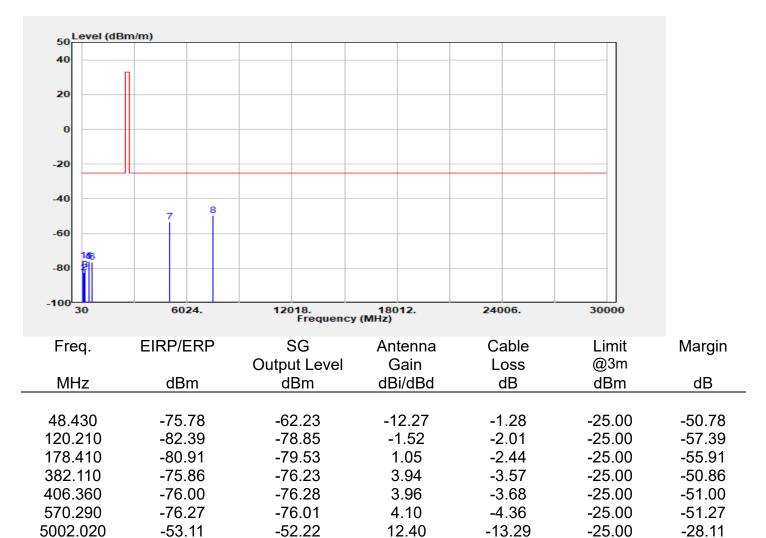
-24.37

Report No.: TERF2411003768ER Page: 335 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n41	Test Dat
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:2503.5 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-44.02

-53.11

-49.44

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f (886-2) 2298-0488

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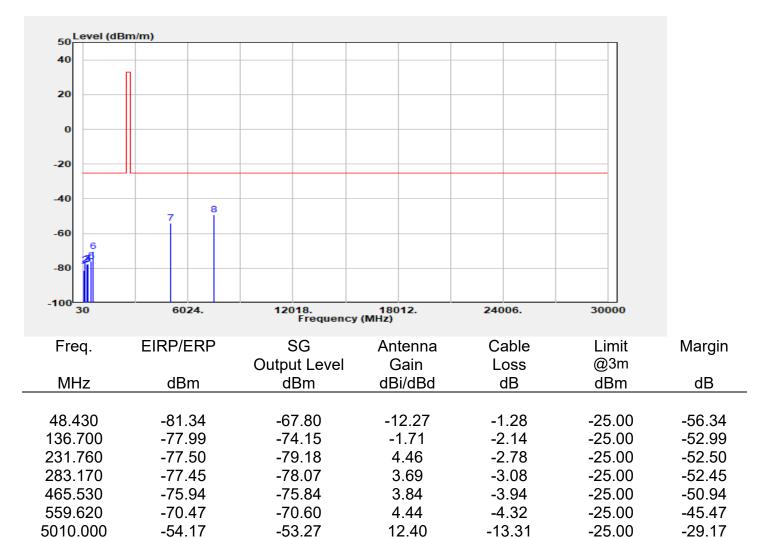
-25.00

Report No.: TERF2411003768ER Page: 336 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n41	Test Dat
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:2507.52 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-43.58

-48.99

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11.03

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f (886-2) 2298-0488

-16.45

-25.00

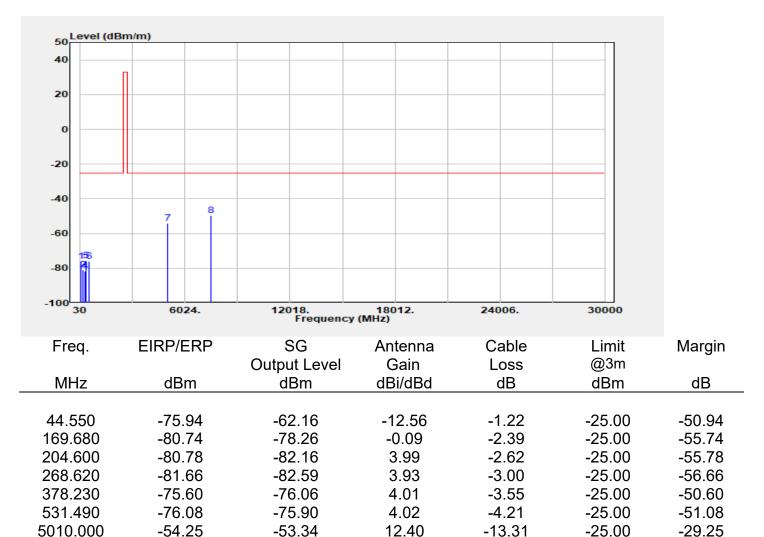
-23.99

Report No.: TERF2411003768ER Page: 337 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n41	Test Date
Test Mode	:Tx	Temp./Hu
EUT Pol	:H Plane	Antenna
Test Frequency	:2507.52 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-49.72

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11.03

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-16.45

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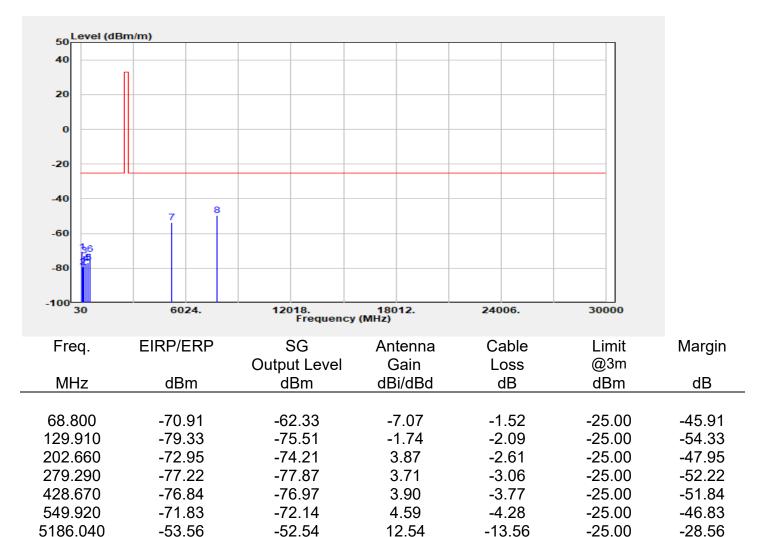
-24.72

Report No.: TERF2411003768ER Page: 338 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n41	Test Da
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:2593.02 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-44.36

-49.71

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f (886-2) 2298-0488

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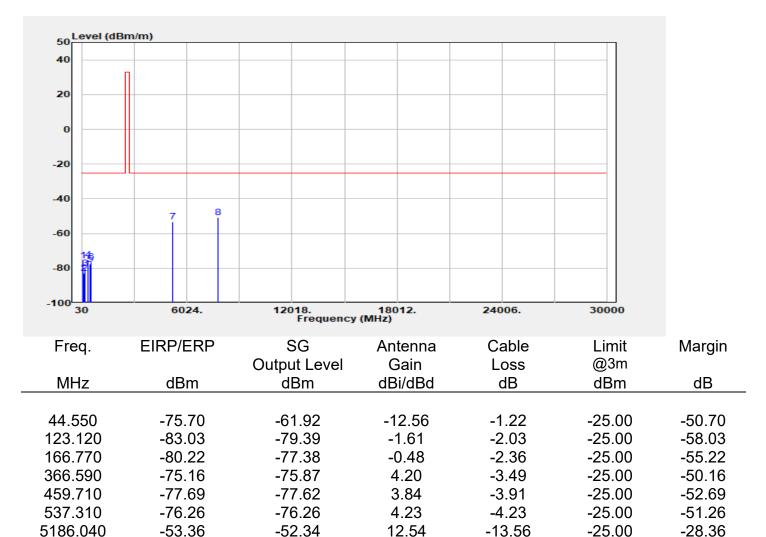
-24.71

Report No.: TERF2411003768ER Page: 339 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n41	Test Date
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:2593.02 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



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-45.32

-50.67

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11.40

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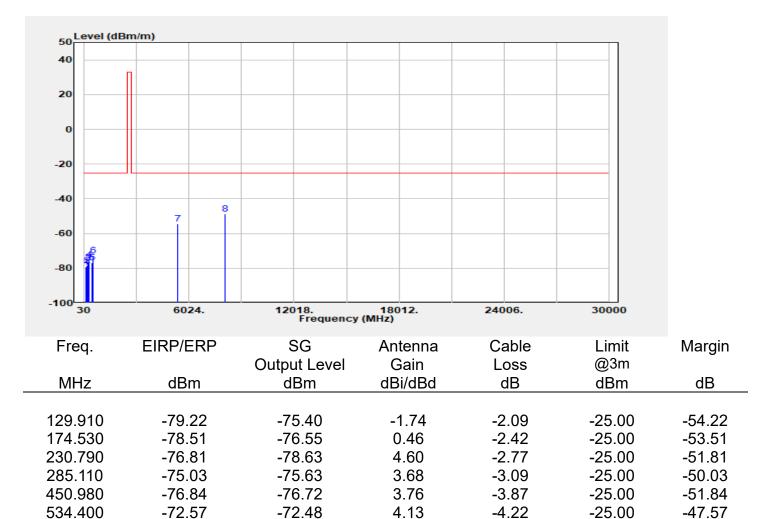
-25.67

Report No.: TERF2411003768ER Page: 340 of 394



Report Number	:TERF2411003768ER	Test Si
Operation Mode	:RedCap_n41	Test Da
Test Mode	:Tx	Temp./
EUT Pol	:H Plane	Antenn
Test Frequency	:2682.48 MHz	Engine

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-53.87

-42.63

-54.62

-48.76

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13.06

10.93

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f (886-2) 2298-0488

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-29.62

-23.76

-25.00

-25.00

Report No.: TERF2411003768ER Page: 341 of 394



Report Number	:TERF2411003768ER	Test Sit
Operation Mode	:RedCap_n41	Test Da
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:2682.48 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin

50 Level (dE	3m/m)					
40						
20	_					
0						
-20						
-40	_ 8					
-60	7					
-80						
-100 30	6024.	12018. Frequency	18012. (MHz)	24006.	30000	
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit @3m	Margin
		Output Lovol	U UIII	LOOO		
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	dBm -76.88				-	dB -51.88
49.400		dBm	dBi/dBd	dB	dBm	
49.400 170.650	-76.88	dBm -63.48	dBi/dBd -12.11	<u>dB</u> -1.29	<u>dBm</u> -25.00	-51.88
49.400 170.650 205.570	-76.88 -81.09	dBm -63.48 -78.65	dBi/dBd -12.11 -0.04	dB -1.29 -2.39	dBm -25.00 -25.00	-51.88 -56.09
49.400 170.650 205.570 345.250	-76.88 -81.09 -80.62	dBm -63.48 -78.65 -82.05	dBi/dBd -12.11 -0.04 4.05	dB -1.29 -2.39 -2.62	dBm -25.00 -25.00 -25.00	-51.88 -56.09 -55.62
	-76.88 -81.09 -80.62 -77.43	dBm -63.48 -78.65 -82.05 -78.08	dBi/dBd -12.11 -0.04 4.05 4.05	dB -1.29 -2.39 -2.62 -3.39	dBm -25.00 -25.00 -25.00 -25.00	-51.88 -56.09 -55.62 -52.43

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-42.84

-48.97

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f (886-2) 2298-0488

-17.07

-25.00

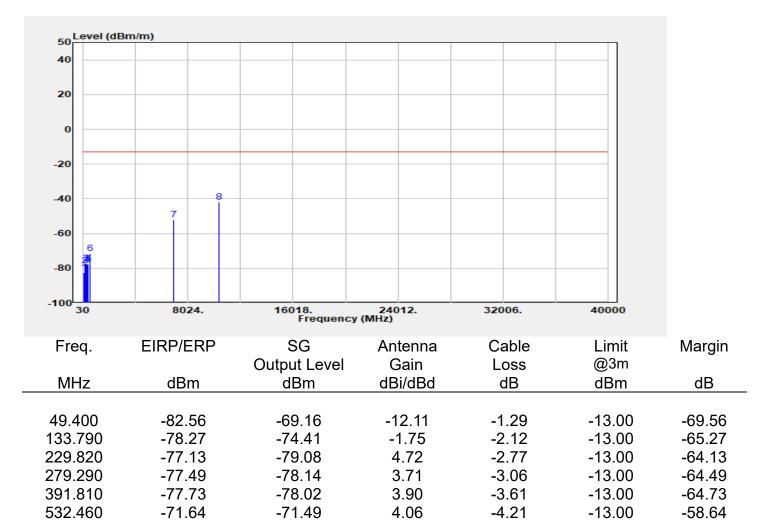
-23.97

Report No.: TERF2411003768ER Page: 342 of 394



Report Number	:TERF2411003768ER	Test S
Operation Mode	:RedCap_n77	Test D
Test Mode	:Tx	Temp.
EUT Pol	:H Plane	Anteni
Test Frequency	:3457.5 MHz	Engine

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-48.05

-33.64

-51.97

-41.68

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11.40

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f (886-2) 2298-0488

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-28.68

-13.00

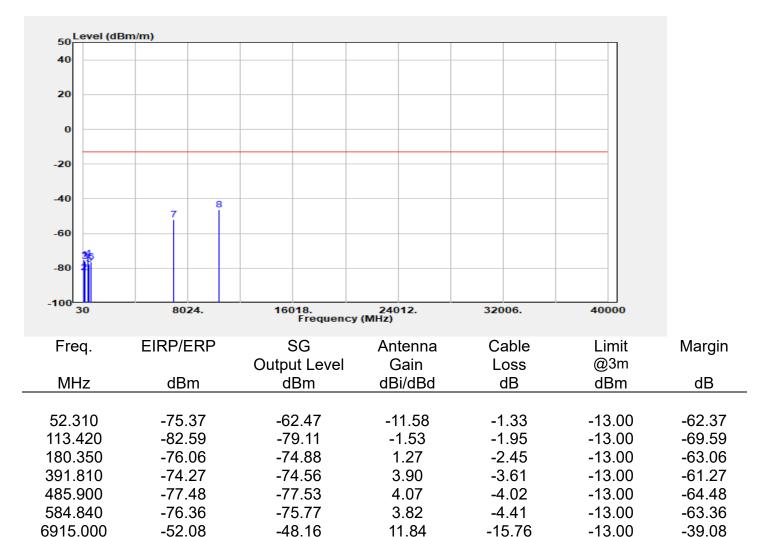
-13.00

Report No.: TERF2411003768ER Page: 343 of 394



Report Number	:TERF2411003768ER	Test Sit
Operation Mode	:RedCap_n77	Test Da
Test Mode	:Tx	Temp./ł
EUT Pol	:H Plane	Antenna
Test Frequency	:3457.5 MHz	Engine

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-38.36

-46.41

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11.40

10372.500

f (886-2) 2298-0488

-19.44

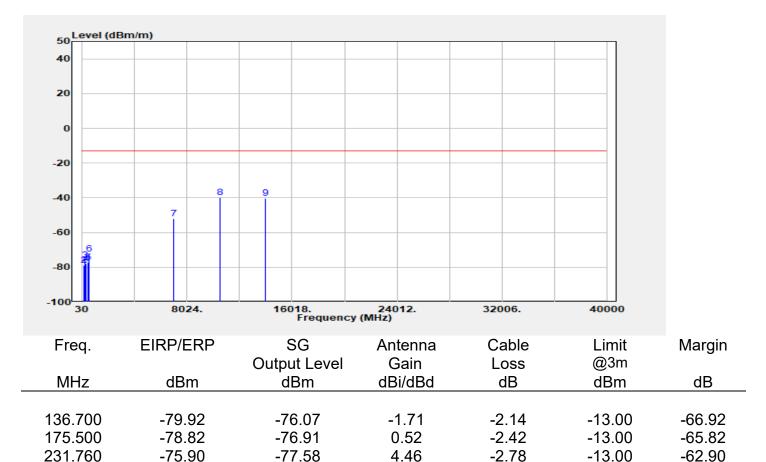
-13.00

Report No.: TERF2411003768ER Page: 344 of 394



Report Number	:TERF2411003768ER	Test S
Operation Mode	:RedCap_n77	Test D
Test Mode	:Tx	Temp
EUT Pol	:H Plane	Anten
Test Frequency	:3500.01 MHz	Engin

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-78.57

-77.10

-72.32

-47.43

-31.65

-29.02

-77.96

-77.26

-72.41

-51.90

-39.83

-40.29

309.360

439.340

534.400

7000.020

10500.030

14000.040

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3.82

3.66

4.13

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f (886-2) 2298-0488

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-3.83

-4.22

-15.87

-19.58

-22.77

-13.00

-13.00

-13.00

-13.00

-13.00

-13.00

-64.96

-64.26

-59.41 -38.90

-26.83

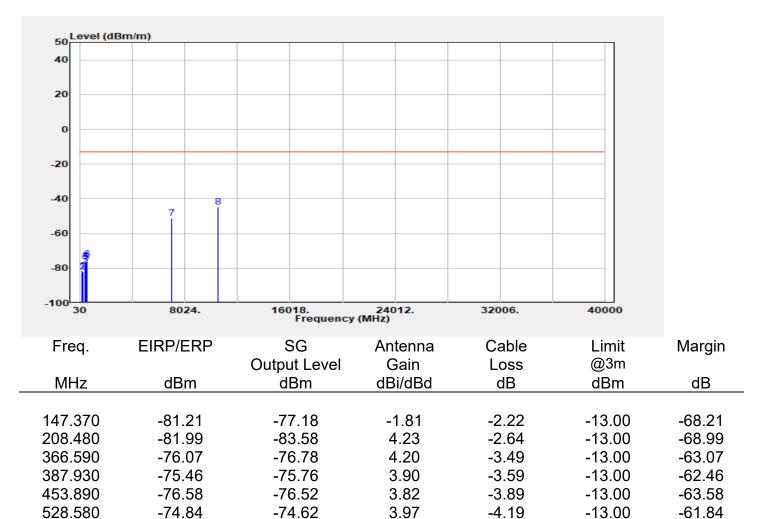
-27.29

Report No.: TERF2411003768ER Page: 345 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n77	Test Date
Test Mode	:Tx	Temp./Hu
EUT Pol	:H Plane	Antenna F
Test Frequency	:3500.01 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

-46.77

-36.54

-51.24

-44.72

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f (886-2) 2298-0488

-15.87

-19.58

-38.24

-31.72

-13.00

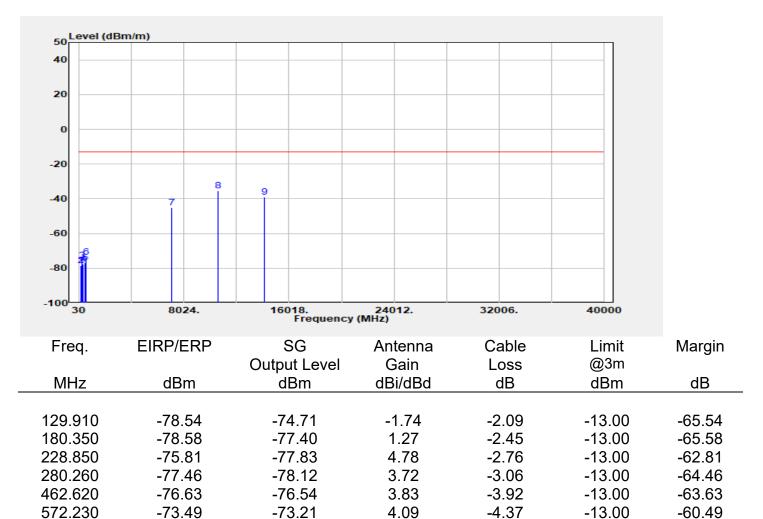
-13.00

Report No.: TERF2411003768ER Page: 346 of 394



Report Number	:TERF2411003768ER	Test S
Operation Mode	:RedCap_n77	Test D
Test Mode	:Tx	Temp./
EUT Pol	:H Plane	Antenr
Test Frequency	:3542.49 MHz	Engine

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2°C/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-45.09

-35.52

-39.02

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11.06

11.35

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7084.980

10627.470

14169.960

-40.18

-27.21

-27.46

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-15.97

-19.66

-22.93

-32.09

-22.52

-26.02

-13.00

-13.00

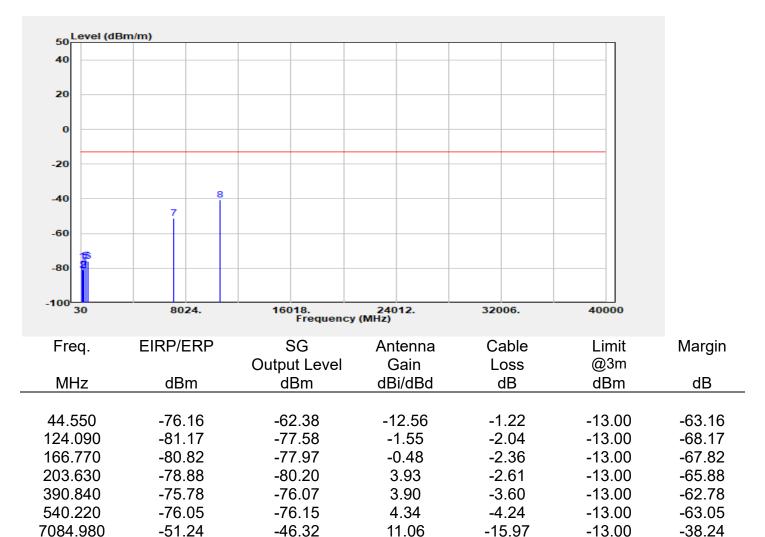
-13.00

Report No.: TERF2411003768ER Page: 347 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n77	Test Date
Test Mode	:Tx	Temp./Hur
EUT Pol	:H Plane	Antenna P
Test Frequency	:3542.49 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



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-32.40

-40.71

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-19.66

-13.00

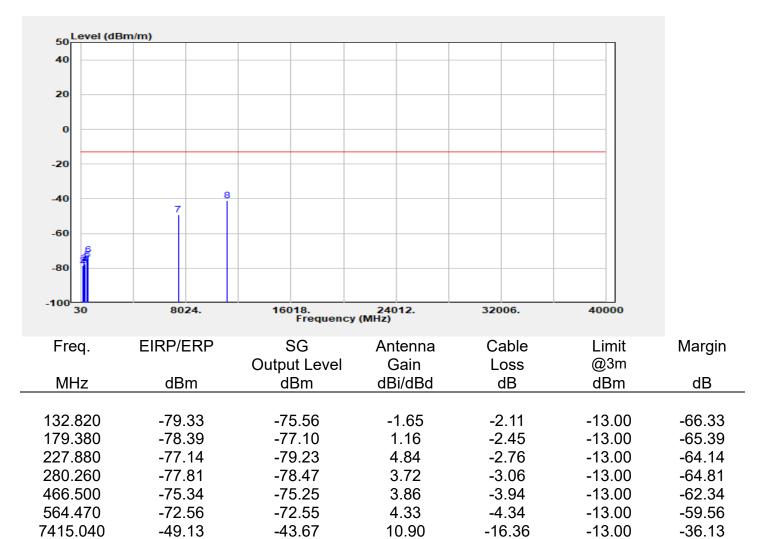
-27.71

Report No.: TERF2411003768ER Page: 348 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n77	Test Date
Test Mode	:Tx	Temp./Hum
EUT Pol	:H Plane	Antenna Po
Test Frequency	:3707.52 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-32.53

-41.22

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11122.560

-20.18

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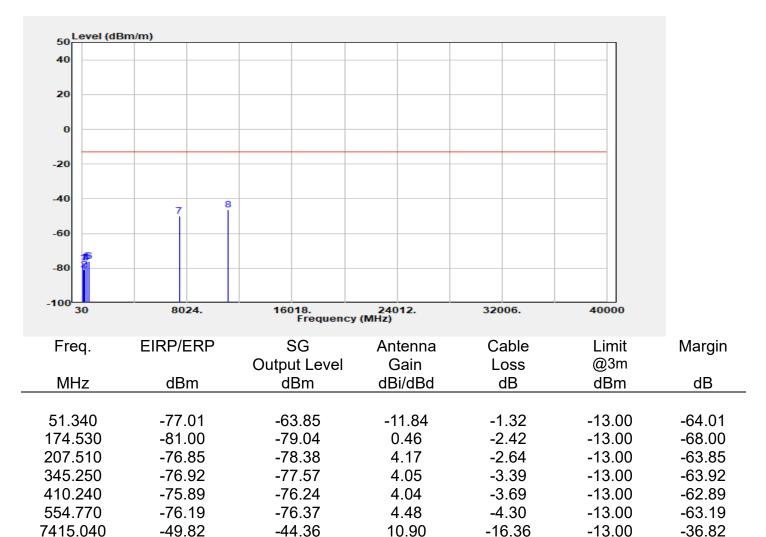
-28.22

Report No.: TERF2411003768ER Page: 349 of 394



:TERF2411003768ER	Test Site
:RedCap_n77	Test Date
:Tx	Temp./Humi
:H Plane	Antenna Po
:3707.52 MHz	Engineer
	:RedCap_n77 :Tx :H Plane

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



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-37.53

-46.22

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f (886-2) 2298-0488

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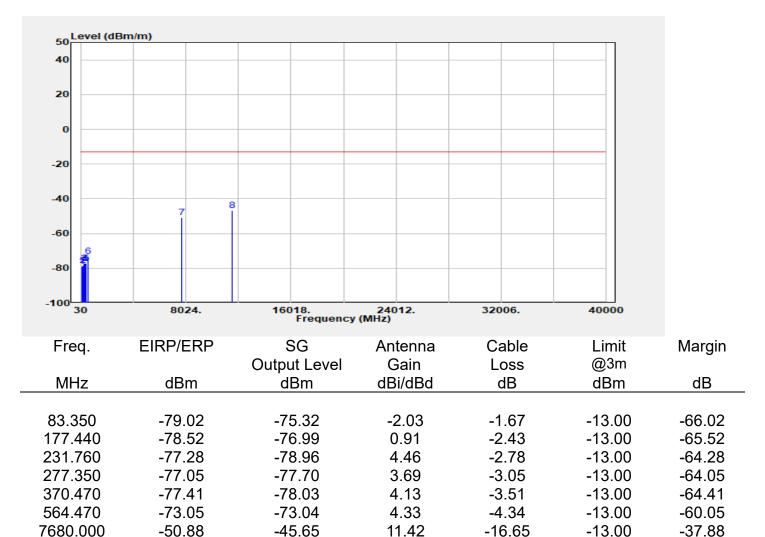
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Report No.: TERF2411003768ER Page: 350 of 394



:TERF2411003768ER	Test Site
:RedCap_n77	Test Date
:Tx	Temp./H
:H Plane	Antenna
:3840 MHz	Engineer
	:RedCap_n77 :Tx :H Plane

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-37.86

-46.89

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f (886-2) 2298-0488

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Report No.: TERF2411003768ER Page: 351 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n77	Test Date
Test Mode	:Tx	Temp./Hu
EUT Pol	:H Plane	Antenna F
Test Frequency	:3840 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin

50 Level (dE	3m/m)					
40						
20						
0						
-20						
-40	6	3				
-60						
-80						
-100						
30	8024.	16018. Frequency	24012. (MHz)	32006.	40000	
Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
		Output Level	Gain	Loss	@3m	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
47.460	-76.36	-62.80	-12.29	-1.26	-13.00	-63.36
120.210	-82.52	-78.98	-1.52	-2.01	-13.00	-69.52
175.500	-79.93	-78.03	0.52	-2.42	-13.00	-66.93
					-13.00	-61.79
380.170	-74.79	-75.20	3.98	-3.50	-13.00	-01.79
	-74.79 -75.75	-75.20 -75.77	3.98 4.01	-3.56 -3.98		
380.170 476.200 550.890	-74.79 -75.75 -76.22	-75.20 -75.77 -76.50	3.98 4.01 4.57	-3.98 -4.28	-13.00 -13.00 -13.00	-62.75 -63.22

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-37.40

-46.43

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f (886-2) 2298-0488

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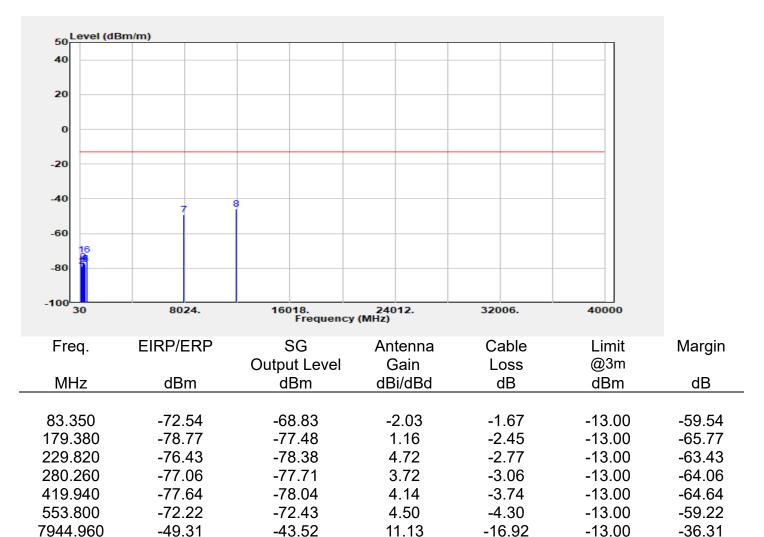
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Report No.: TERF2411003768ER Page: 352 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n77	Test Date
Test Mode	:Tx	Temp./H
EUT Pol	:H Plane	Antenna
Test Frequency	:3972.48 MHz	Enginee

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Vertical
Engineer	:Nick Lin



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-37.78

-45.98

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f (886-2) 2298-0488

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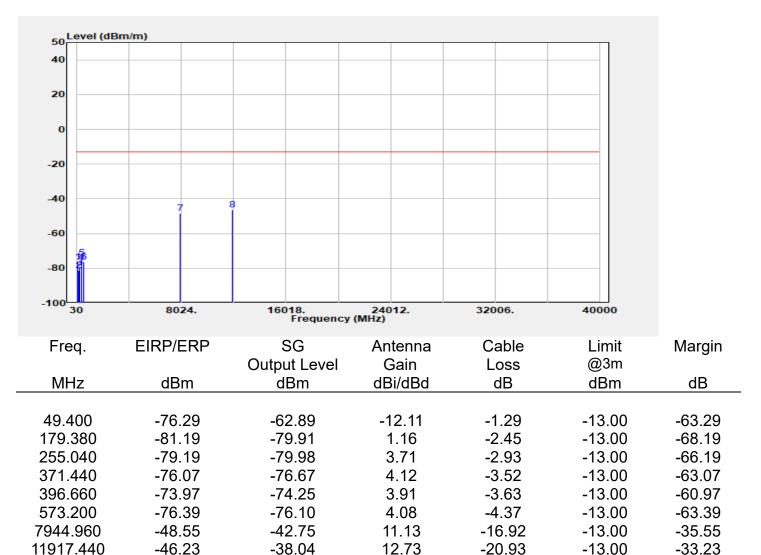
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Report No.: TERF2411003768ER Page: 353 of 394



Report Number	:TERF2411003768ER	Test Site
Operation Mode	:RedCap_n77	Test Date
Test Mode	:Tx	Temp./Humi
EUT Pol	:H Plane	Antenna Po
Test Frequency	:3972.48 MHz	Engineer

Test Site	:SAC 3
Test Date	:2025-01-23
Temp./Humi.	:21.2℃/62%
Antenna Pol.	:Horizontal
Engineer	:Nick Lin



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+/- 2.5 ppm



FREQUENCY STABILITY MEASUREMENT 6

Note: The module's normal voltage is 3.8V dc. 5G NR BAND n2 Reference Freq .: **CP-OFDM QPSK** Modulation .: SCS.: 15 Bandwidth: 20MHz kHz CH 376000 Freqency(MHz): 1880.00 Freq. ERROR vs. VOLTAGE Power Supply Limit = +/- 2.5 ppmTemp. (°C) Freq. (MHz) (ppm) Vdc (Hz) 4.37 20 1880.000002 0.0011 3.8 20 1880.000004 0.0023 +/- 2.5 ppm 3.23 20 1879.999987 -0.0071 2.3 20 1879.999990 -0.0051 (End Point) Freq. ERROR vs. Temp. Power Supply Limit = +/- 2.5 ppmFreq. (MHz) Temp. (°C) (ppm) Vdc (Hz) -30 1880.000003 0.0016 3.8 1879.999998 -0.0013 3.8 -20 3.8 -10 1879.999986 -0.0072 3.8 0 1880.000003 0.0018

1879.999988

1880.000007

1880.000008

1880.000003

1879.999988

-0.0066

0.0037

0.0042

0.0015

-0.0063

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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3.8

3.8 3.8

3.8

3.8



5G NR BAND n5						
Reference Freq .:	Reference Freq.: Modulation.: CP-OFDM QPSK					
SCS.:	15	kHz	Bandwidth:	20MHz		
СН	1	67300	Freqency(MHz):	836.50		
	F	req. ERROR vs. V	OLTAGE			
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
4.37	20	836.499993	-0.0079			
3.8	20	836.500005	0.0056			
3.23	20	836.499993	-0.0086	+/- 2.5 ppm		
2.3 (End Point)	20	836.500011	0.0126			
		Freq. ERROR vs.	Temp.			
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	836.499988	-0.0142			
3.8	-20	836.500001	0.0015			
3.8	-10	836.499988	-0.0149			
3.8	0	836.499991	-0.0113			
3.8	10	836.500007	0.0089	+/- 2.5 ppm		
3.8	20	836.499985	-0.0176			
3.8	30	836.499991	-0.0103			
3.8	40	836.500012	0.0139			
3.8	50	836.499985	-0.0177			

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5G NR BAND n7					
Reference Freq .:	Reference Freq.: Modulation.: CP-OFDM QPSK				
SCS.:	15	kHz	Bandwidth:	20MHz	
СН	5	07000	Freqency(MHz):	2535.00	
	F	req. ERROR vs. V	OLTAGE		
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)	
4.37	20	2535.000003	0.0011		
3.8	20	2534.999989	-0.0042		
3.23	20	2534.999992	-0.0033	+/- 2.5 ppm	
2.3 (End Point)	20	2535.000008	0.0030		
		Freq. ERROR vs.	Temp.		
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)	
3.8	-30	2535.000003	0.0013		
3.8	-20	2534.999985	-0.0059		
3.8	-10	2535.000007	0.0026		
3.8	0	2535.000008	0.0030		
3.8	10	2534.999987	-0.0050	+/- 2.5 ppm	
3.8	20	2534.999995	-0.0021		
3.8	30	2535.000002	0.0008		
3.8	40	2535.000004	0.0015		
3.8	50	2534.999988	-0.0046		

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, , , , , , , , , , , , , , , , , , ,		5G NR BAND	n12			
Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	15MHz		
СН	141500		Freqency(MHz):	707.50		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	Limit = +/- 2.5 ppm (Hz)			
4.37	20	707.499996	-0.0058			
3.8	20	707.500004	0.0053			
3.23	20	707.499997	-0.0040	+/- 2.5 ppm		
2.3 (End Point)	20	707.500009	0.0121			
Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	707.499986	-0.0204			
3.8	-20	707.499991	-0.0127			
3.8	-10	707.500006	0.0087			
3.8	0	707.499990	-0.0148			
3.8	10	707.499990	-0.0134	+/- 2.5 ppm		
3.8	20	707.500005	0.0067			
3.8	30	707.500005	0.0077			
3.8	40	707.499994	-0.0091			
3.8	50	707.500009	0.0133			

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, ·		5G NR BAND	n13			
Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	10MHz		
СН	156400		Freqency(MHz):	782.00		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp. (℃)	Limit = +/- 2.5 ppm (Hz)				
4.37	20	781.999988	-0.0157			
3.8	20	781.999993	-0.0089			
3.23	20	781.999992	-0.0102	+/- 2.5 ppm		
2.3 (End Point)	20	782.000005	0.0059			
Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	782.000009	0.0112			
3.8	-20	781.999987	-0.0160			
3.8	-10	782.000014	0.0177			
3.8	0	781.999992	-0.0103			
3.8	10	781.999990	-0.0134	+/- 2.5 ppm		
3.8	20	782.000007	0.0095			
3.8	30	781.999996	-0.0047			
3.8	40	781.999989	-0.0137			
3.8	50	782.000006	0.0078			

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		5G NR BAND	n14				
Reference Freq .:			Modulation.:	CP-OFDM QPSK			
SCS.:	15	kHz	Bandwidth:	10MHz			
СН	158600		Freqency(MHz):	793.00			
Freq. ERROR vs. VOLTAGE							
Power Supply Vdc	Temp.(℃)	Freq. (MHz)	Limit = +/- 2.5 ppm (Hz)				
4.37	20	792.999993	-0.0085				
3.8	20	793.000004	0.0056				
3.23	20	793.000008	0.0098	+/- 2.5 ppm			
2.3 (End Point)	20	792.999995	-0.0068				
	Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)			
3.8	-30	792.999991	-0.0107				
3.8	-20	793.000002	0.0026				
3.8	-10	792.999998	-0.0023				
3.8	0	792.999991	-0.0117				
3.8	10	793.000002	0.0027	+/- 2.5 ppm			
3.8	20	793.000014	0.0182				
3.8	30	792.999988	-0.0155				
3.8	40	793.000011	0.0141				
3.8	50	793.000007	0.0082				

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		5G NR BAND	n25			
Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	20MHz		
СН	376500		Freqency(MHz):	1882.50		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	Limit = +/- 2.5 ppm (Hz)			
4.37	20	1882.500002	0.0010			
3.8	20	1882.499994	-0.0030			
3.23	20	1882.500008	0.0043	+/- 2.5 ppm		
2.3 (End Point)	20	1882.499993	-0.0036			
Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	1882.499999	-0.0008			
3.8	-20	1882.499998	-0.0011			
3.8	-10	1882.499998	-0.0010			
3.8	0	1882.499991	-0.0048			
3.8	10	1882.500003	0.0014	+/- 2.5 ppm		
3.8	20	1882.500011	0.0059			
3.8	30	1882.500010	0.0052			
3.8	40	1882.499997	-0.0014			
3.8	50	1882.500011	0.0057			

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, , , , , , , , , , , , , , , , , , ,		5G NR BAND	n26			
Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	20MHz		
СН	167300		Freqency(MHz):	836.50		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
4.37	20	836.499985	-0.0177			
3.8	20	836.499993	-0.0081			
3.23	20	836.500011	0.0135	+/- 2.5 ppm		
2.3 (End Point)	20	836.500005	0.0058			
Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	819.00008	0.0091			
3.8	-20	819.000004	0.0044			
3.8	-10	818.999996	-0.0044			
3.8	0	819.000004	0.0049			
3.8	10	819.000014	0.0169	+/- 2.5 ppm		
3.8	20	818.999993	-0.0082			
3.8	30	818.999993	-0.0089			
3.8	40	819.000007	0.0084			
3.8	50	818.999989	-0.0128			

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		5G NR BAND n26	Dort00o			
		JG NK DAND 1120				
Reference Freq.:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	10MHz		
CH	163800		Freqency(MHz):	819.00		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp. (℃)	(ppm)	Limit = +/- 2.5 ppm (Hz)			
4.37	20	818.999990	-0.0125			
3.8	20	818.999992	-0.0100			
3.23	20	818.999987	-0.0163	+/- 2.5 ppm		
2.3 (End Point)	20	819.000007	0.0084			
Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	818.999989	-0.0134			
3.8	-20	819.000004	0.0048			
3.8	-10	818.999985	-0.0181			
3.8	0	818.999990	-0.0125			
3.8	10	818.999998	-0.0019	+/- 2.5 ppm		
3.8	20	819.000013	0.0159			
3.8	30	819.000005	0.0063			
3.8	40	818.999993	-0.0081			
3.8	50	818.999998	-0.0030			

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Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	30	kHz	Bandwidth:	20MHz		
СН	518604		Freqency(MHz):	2593.02		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp. (℃)	Limit = +/- 2.5 ppm (Hz)				
4.37	20	2593.020004	0.0015			
3.8	20	2593.019998	-0.0009			
3.23	20	2593.019991	-0.0035	+/- 2.5 ppm		
2.3 (End Point)	20	2593.020008	0.0029			
Freq. ERROR vs. Temp.						
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	2593.019992	-0.0030			
3.8	-20	2593.020013	0.0051			
3.8	-10	2593.019991	-0.0033			
3.8	0	2593.019994	-0.0023			
3.8	10	2593.019994	-0.0022	+/- 2.5 ppm		
3.8	20	2593.020009	0.0036			
3.8	30	2593.020008	0.0031			
3.8	40	2593.019985	-0.0057			
3.8	50	2593.019995	-0.0019			

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I						
		5G NR BAND	n66			
Reference Freq.:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	20MHz		
CH	349000		Freqency(MHz):	1745.00		
	F	req. ERROR vs. V	OLTAGE			
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
4.37	20	1744.999991	-0.0051			
3.8	20	1745.000006	0.0032			
3.23	20	1744.999996	-0.0023	+/- 2.5 ppm		
2.3 (End Point)	20	1745.000006	0.0037			
		Freq. ERROR vs.	Temp.			
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	1744.999991	-0.0053			
3.8	-20	1744.999997	-0.0015			
3.8	-10	1745.000013	0.0075			
3.8	0	1744.999989	-0.0061			
3.8	10	1744.999996	-0.0024	+/- 2.5 ppm		
3.8	20	1745.000014	0.0081			
3.8	30	1744.999995	-0.0029			
3.8	40	1745.000009	0.0051			
3.8	50	1744.999996	-0.0024			

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		5G NR BAND	n71			
Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	15	kHz	Bandwidth:	20MHz		
СН	1	36100	Freqency(MHz):	680.50		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp.(℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
4.37	20	680.500009	0.0133			
3.8	20	680.500012	0.0173			
3.23	20	680.499994	-0.0085	+/- 2.5 ppm		
2.3 (End Point)	20	680.499992	-0.0113			
		Freq. ERROR vs.	Temp.			
Power Supply Vdc	Temp. ($^\circ\!\mathbb{C}$)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	680.499991	-0.0136			
3.8	-20	680.500003	0.0042			
3.8	-10	680.499990	-0.0140			
3.8	0	680.499991	-0.0138			
3.8	10	680.499991	-0.0134	+/- 2.5 ppm		
3.8	20	680.499995	-0.0075			
3.8	30	680.500005	0.0079			
3.8	40	680.500009	0.0130			
3.8	50	680.499990	-0.0152			

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		5G NR BAND n77	Dart97			
		JO NK DAND IIII				
Reference Freq .:			Modulation.:	CP-OFDM QPSK		
SCS.:	30	kHz	Bandwidth:	20MHz		
СН	656000		Freqency(MHz):	3840.00		
Freq. ERROR vs. VOLTAGE						
Power Supply Vdc	Temp.(℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
4.37	20	3840.000012	0.0031			
3.8	20	3839.999991	-0.0024			
3.23	20	3839.999993	-0.0017	+/- 2.5 ppm		
2.3 (End Point)	20	3839.999996	-0.0010			
		Freq. ERROR vs.	Temp.			
Power Supply Vdc	Temp.(℃)	Freq. (MHz)	(ppm)	Limit = +/- 2.5 ppm (Hz)		
3.8	-30	3839.999991	-0.0024			
3.8	-20	3839.999991	-0.0024			
3.8	-10	3839.999988	-0.0030			
3.8	0	3840.000007	0.0018			
3.8	10	3839.999993	-0.0019	+/- 2.5 ppm		
3.8	20	3840.000008	0.0021			
3.8	30	3840.000005	0.0014			
3.8	40	3840.000000	-0.0001			
3.8	50	3839.999997	-0.0008			

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7 PEAK TO AVERAGE RATION

				BAND n2	-LI=		
				L_SCS 15			-
	annel band	width: 5MH	-		innel band	width: 10MH	
Freq.	СН	PAPR (· · · ·	Freq.	СН	PAPR (· · ·
(MHz)	070500	256QAM	Limit	(MHz)	074000	256QAM	Limi
1852.50	370500	6.37	13	1855.00	371000	6.45	13
1880.00	376000	6.56	13	1880.00	376000	6.51	13
1907.50	381500	6.57	13	1905.00	381000	6.62	13
				BAND n2			
				LSCS 15			
	Channel bandwidth: 15MHz				innel band	width: 20MH	
Freq.	СН	PAPR (Freq.	СН	PAPR (
(MHz)	-	256QAM	Limit	(MHz)	-	256QAM	Limi
1857.50	371500	6.66	13	1860.00		6.59	13
1880.00	376000	6.67	13	1880.00	376000	6.56	13
1902.50	380500	6.48	13	1900.00	380000	6.78	13
		1	5G NR E	BAND n5			
		DFT-S	S-OFDN	I_SCS 15 I			
	annel band	dwidth: 5MH	Z	Cha	nnel band	width: 10MH	z
Freq.	СН	PAPR (dB)	Freq.	СН	PAPR (dB)
(MHz)		256QAM	Limit	(MHz)		256QAM	Limi
826.50	165300	8.64	13	829.00	165800	6.76	13
836.50	167300	6.38	13	836.50	167300	7.06	13
846.50	169300	7.03	13	844.00	168800	6.53	13
		:	5G NR E	BAND n5			
		DFT-S	S-OFDN	LSCS 15	kHz		
Cha	annel band	width: 15MH	z	Cha	nnel band	width: 20MH	z
Freq.		PAPR (dB)	Freq.		PAPR (dB)
(MHz)	CH	256QAM	Limit	(MHz)	CH	256QAM	Limi
831.50	166300	6.72	13	834.00	166800	6.48	13
836.50	167300	6.38	13	836.50	167300	6.64	13
841.50	168300	6.44	13	839.00	167800	6.68	13
		-	-	BAND n7			
				SCS 15 I	/U-		
<u>С</u> ь	annalhan	Jwidth: 5MH:				width: 10MH	-
	anner band	PAPR (PAPR (
Freq.	CH	256QAM		Freq.	CH	256QAM	
(MHz) 2502.50	500500	256QAM 6.67	Limit 13	(MHz) 2505.00	501000	256QAM 6.79	Limi 13
	507000	6.31	13	2505.00	507000	6.39	13
2525 NN	513500	6.75	13	2565.00	513000	6.39	13
2535.00	313300		-		313000	0.57	13
			og ink t	BAND n7			
2535.00 2567.50							
2567.50		DFT-S	S-OFDN	LSCS 15			
2567.50 Cha	annel band	DFT-s width: 15MH	S-OFDN Iz	_ Cha		width: 20MH	
2567.50 Cha Freq.		DFT-\$ width: 15MH PAPR (S-OFDN Iz dB)	Cha Freq.	nnel band	PAPR (dB)
2567.50 Cha Freq. (MHz)	СН	DFT-\$ width: 15MH PAPR (256QAM	S-OFDN Iz dB) Limit	Cha Freq. (MHz)	nnel band CH	PAPR (256QAM	dB) Limi
2567.50 Cha Freq. (MHz) 2507.50	CH 501500	DFT-\$ width: 15MH PAPR (256QAM 6.74	S-OFDN Iz dB) Limit 13	– Cha Freq. (MHz) 2510.00	nnel band CH 502000	PAPR (256QAM 6.93	dB) Limit 13
2567.50 Cha Freq. (MHz)	СН	DFT-\$ width: 15MH PAPR (256QAM	S-OFDN Iz dB) Limit	Cha Freq. (MHz)	nnel band CH	PAPR (256QAM	dB) Limi

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 5MHz Channel bandwidth: 10MH Freq. (MHz) PAPR (dB) Freq. 256QAM CH PAPR 256QAM 701.50 140300 6.61 13 704.00 140800 6.44 707.50 141500 6.42 13 707.50 141500 6.49 713.50 142700 6.31 13 711.00 142200 6.65 SG NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz Freq. (MHz) CH PAPR (dB) PAPR (dB) 256QAM Limit	
Freq. (MHz) CH PAPR (dB) Freq. (MHz) CH PAPR 256QAM 701.50 140300 6.61 13 704.00 140800 6.44 707.50 141500 6.42 13 707.50 141500 6.49 713.50 142700 6.31 13 711.00 142200 6.65 SG NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz Offer and the second s	(dB) Limit 13 13
(MHz) CH 256QAM Limit (MHz) CH 256QAM 701.50 140300 6.61 13 704.00 140800 6.44 707.50 141500 6.42 13 707.50 141500 6.49 713.50 142700 6.31 13 711.00 142200 6.65 SG NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz PAPR (dB) 704.00 Limit 100	Limit 13 13
(MHz) CH 256QAM Limit (MHz) CH 256QAM 701.50 140300 6.61 13 704.00 140800 6.44 707.50 141500 6.42 13 707.50 141500 6.49 713.50 142700 6.31 13 711.00 142200 6.65 SG NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz Freq. (MHz) PAPR (dB) Image: Channel bandwidth Limit	Limit 13 13
701.50 140300 6.61 13 704.00 140800 6.44 707.50 141500 6.42 13 707.50 141500 6.49 713.50 142700 6.31 13 711.00 142200 6.65 SG NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz PAPR (dB) 256QAM Limit Imit	13
713.50 142700 6.31 13 711.00 142200 6.65 SG NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz Freq. (MHz) CH PAPR (dB) 256QAM Limit Image: Colspan="3">CH	
5G NR BAND n12 DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz Freq. PAPR (dB) (MHz) CH 256QAM	13
DFT-S-OFDM_SCS 15 kHz Channel bandwidth: 15MHz Freq. PAPR (dB) (MHz) CH 256QAM Limit	
Channel bandwidth: 15MHz Freq. PAPR (dB) (MHz) 256QAM	
Freq. (MHz) CH PAPR (dB) 256QAM Limit	
(MHz) CH 256QAM Limit	
(MHz) CH 256QAM Limit	/
706.50 141300 6.82 13	
707.50 141500 6.64 13	
708.50 141700 6.50 13	
5G NR BAND n13	
DFT-S-OFDM_SCS 15 kHz	
Channel bandwidth: 5MHz Channel bandwidth: 10Mł	Ηz
Freq. CH PAPR (dB) Freq. CH PAPR	(dB)
(MHz) 256QAM Limit (MHz) 256QAM	Limi
779.50 155900 6.58 13	
782.00 156400 6.64 13 782.00 156400 7.02	13
784.50 156900 8.34 13	
5G NR BAND n14	
DFT-S-OFDM_SCS 15 kHz	
Channel bandwidth: 5MHz Channel bandwidth: 10MH	Ηz
Freq. CH PAPR (dB) Freq. CH PAPR	(dB)
(MHz) CH 256QAM Limit (MHz) CH 256QAM	Limi
790.50 158100 6.58 13	
793.00 158600 6.64 13 793.00 158600 7.02	13
795.50 189100 8.34 13	
5G NR BAND n25	
DFT-S-OFDM_SCS 15 kHz	
Channel bandwidth: 5MHz Channel bandwidth: 10MH	
Freq. CH PAPR (dB) Freq. CH PAPR	(dB)
(MHz) 256QAM Limit (MHz) 256QAM	Limi
1852.50 370500 6.58 13 1855.00 371000 6.32	13
1882.50 376500 6.64 13 1882.50 376500 7.02	13
1912.50 382500 8.34 13 1910.00 382000 6.40	13
5G NR BAND n25	
DFT-S-OFDM_SCS 15 kHz	
Channel bandwidth: 15MHz Channel bandwidth: 20MHz	Ηz
Freq PAPR (dB) Freq PAPR	(dB)
(MHz) CH 256QAM Limit (MHz) CH 256QAM	Limi
1857.50 371500 6.48 13 1860.00 372000 6.61	13
1882.50 376500 6.72 13 1882.50 376500 6.96	13
1907.50 381500 6.40 13 1905.00 381000 6.40	13

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		5	G NR B	AND n26				
		DFT-S	S-OFDM	_SCS 15 I	kHz			
Ch	annel band	dwidth: 5MH	Z	Cha	nnel band	width: 10MH	z	
Freq.	011	PAPR (dB)		Freq.	011	PAPR (dB)		
(MHz)	СН	256QAM	Limit	(MHz)	СН	256QAM	Limit	
826.50	165300	6.78	13	829.00	165800	6.76	13	
836.50	167300	6.68	13	836.50	167300	6.65	13	
846.50	169300	6.36	13	844.00	168800	6.39	13	
		5	ig nr b	AND n26				
		DFT-S	S-OFDM	_SCS 15 I	kHz			
Cha	innel band	width: 15MH	z	Channel bandwidth: 20MHz				
Freq.		PAPR (dB)		Freq.		PAPR (dB)		
(MHz)	СН	256QAM	Limit	(MHz)	СН	256QAM	Limit	
831.50	166300	6.46	13	834.00	166800	6.61	13	
836.50	167300	6.55	13	836.50	167300	6.69	13	
841.50	168300	6.62	13	839.00	167800	6.61	13	
		5G N	R BAN	0 n26 Parts				
				SCS 15				
Ch	annal hanr	dwidth: 5MH				width: 10MH	-	
Freq.		PAPR (dB)				PAPR (dB)		
	CH	,		Freq.	CH	,		
(MHz)	400000	256QAM	Limit	(MHz)		256QAM	Limit	
816.50	163300	6.70	13	040.00	400000	0.04	10	
819.00	163800	6.61	13	819.00	163800	6.61	13	
821.50	164300	6.75	13					
		-	-	AND n41				
		DFT-S	S-OFDM	_SCS 30 I	kHz			
Cha	innel band	width: 10MH	z	Cha	nnel band	width: 15MH	lz	
Freq.	СН	PAPR (dB)	Freq.	СН	PAPR (dB)	
(MHz)	On	256QAM	Limit	(MHz)		256QAM	Limit	
2501.01	500202	6.45	13	2503.50	500700	6.59	13	
2505.00	501000	6.59	13	2507.52	501504	6.44	13	
2593.02	518604	7.06	13	2593.02	518604	6.39	13	
2685.00	537000	6.35	13	2682.48	536496	6.78	13	
		5	G NR B	AND n41				
		DFT-S	S-OFDM	SCS 30 I	kHz			
Cha	nnel hand	width: 20MH						
Freq.		PAPR (_					
(MHz)	CH	256QAM	Limit					
2506.02	501204	6.33	13					
2510.02	502002	6.79	13		\sim	\sim		
2593.02	518604	6.53	13			\sim	\sim	
2679.99	535998	6.66	13		\sim	\sim		
2010.00	000000			AND n66	\sim	\sim	\sim	
0				SCS 15 I		111 101		
	annel band	width: 5MH			Channel bandwidth: 10MHz			
Freq.	СН	PAPR (- ´	Freq.	СН	PAPR (
(MHz)		256QAM	Limit	(MHz)		256QAM	Limit	
1712.50	342500	6.78	13	1715.00	343000	6.54	13	
1745.00	349000	6.79	13	1745.00	349000	6.82	13	
1777.50	355500	6.46	13	1775.00	355000	6.78	13	

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		5	G NR B	AND n66				
		DFT-S	S-OFDN	LSCS 15	кHz			
Cha	nnel band	width: 15MH	z	_ Cha	nnel band	width: 20MH	z	
Freq.	CH	PAPR (dB)		Freq.		PAPR (dB)		
(MHz)		256QAM	Limit		CH	256QAM	Limit	
1717.50	343500	6.24	13	1720.00	344000	6.37	13	
1745.00	349000	6.58	13	1745.00	349000	6.63	13	
1772.50	354500	6.17	13	1770.00	354000	6.48	13	
		5	G NR B	AND n71				
		DFT-S	S-OFDN	SCS 15	kHz			
Channel bandwidth: 5MHz			Channel bandwidth: 10MHz					
Freq.		PAPR (dB)		Freq.		PAPR (dB)		
(MHz)	СН	256QAM	Limit	(MHz)	СН	256QAM	Limit	
665.50	133100	6.92	13	668.00	133600	6.77	13	
680.50	136100	6.68	13	680.50	136100	6.90	13	
695.50	139100	6.38	13	693.00	138600	6.42	13	
		5	G NR B	AND n71				
		DFT-S	S-OFDN	I_SCS 15 I	kHz			
Cha	innel band	width: 15MH	z	Cha	nnel band	width: 20MH	z	
Freq.	СЦ	PAPR (dB)	Freq.	<u>0</u> 11	PAPR (dB)	
(MHz)	СН	256QAM	Limit	(MHz)	CH	256QAM	Limit	
670.50	134100	6.71	13	673.00	134600	6.16	13	
680.50	136100	6.54	13	680.50	136100	6.51	13	
690.50	138100	6.49	13	688.00	137600	6.41	13	
	50	G NR BAND	n77 Par	t27(3450 to	3550 MH	z)		
		DFT-S	S-OFDN	_SCS 30 I	kHz			
Channel bandwidth: 10MHz				Channel bandwidth: 15MHz				
			PAPR (dB)		rea	PAPR (dB)		
			dB)	Frea.		PAPR (
Freq.	CH	PAPR (- <i>(</i>	Freq. (MHz)	СН	,	dB)	
Freq. (MHz)	СН	PAPR (256QAM	dB) Limit 13	(MHz)	-	256QAM	dB)	
Freq.	CH 630334	PAPR (Limit		CH 630500 633334	256QAM 6.57	dB) Limit	
Freq. (MHz) 3455.01	СН	PAPR (256QAM 6.38	Limit 13	(MHz) 3457.50	630500	256QAM	dB) Limit 13	
Freq. (MHz) 3455.01 3500.01	CH 630334 633334 636332	PAPR (256QAM 6.38 6.48 6.82	Limit 13 13 13	(MHz) 3457.50 3500.01 3542.49	630500 633334 636166	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01	CH 630334 633334 636332	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND	Limit 13 13 13 n77 Par	(MHz) 3457.50 3500.01 3542.49 t27(3450 to	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98	CH 630334 633334 636332 50	PAPR (256QAM 6.38 6.48 6.82 G NR BAND DFT-5	Limit 13 13 13 n77 Par S-OFDW	(MHz) 3457.50 3500.01 3542.49	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha	CH 630334 633334 636332 50 nnnel band	PAPR (256QAM 6.38 6.48 6.82 G NR BAND DFT-1 width: 20MH	Limit 13 13 13 n77 Par S-OFDW	(MHz) 3457.50 3500.01 3542.49 t27(3450 to	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq.	CH 630334 633334 636332 50	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND DFT- width: 20MH PAPR (Limit 13 13 13 n77 Par S-OFDW Iz dB)	(MHz) 3457.50 3500.01 3542.49 t27(3450 to	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz)	CH 630334 633334 636332 50 nnnel band CH	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND DFT-5 width: 20MH PAPR (256QAM	Limit 13 13 13 n77 Par 5-OFDI z dB) Limit	(MHz) 3457.50 3500.01 3542.49 t27(3450 to	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02	CH 630334 633334 636332 50 nnel band CH 630668	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND DFT-\$ width: 20MH PAPR (256QAM 6.68	Limit 13 13 13 n77 Par S-OFDW z dB) Limit 13	(MHz) 3457.50 3500.01 3542.49 t27(3450 to	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01	CH 630334 633334 636332 50 nnel band CH 630668 633334	PAPR (256QAM 6.38 6.48 6.82 3 NR BAND DFT-5 width: 20MH PAPR (256QAM 6.68 6.66	Limit 13 13 13 n77 Par S-OFDW z dB) Limit 13 13	(MHz) 3457.50 3500.01 3542.49 t27(3450 to	630500 633334 636166 3550 MH	256QAM 6.57 6.38 6.38	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02	CH 630334 633334 636332 50 nnel band CH 630668 633334 636000	PAPR (256QAM 6.38 6.48 6.82 3 NR BAND DFT-5 width: 20MH PAPR (256QAM 6.68 6.66 6.74	Limit 13 13 13 n77 Par 5-OFDI z dB) Limit 13 13 13	(MHz) 3457.50 3500.01 3542.49 127(3450 tc _SCS 30 I	630500 633334 636166 3550 MH: <hz< b=""></hz<>	256QAM 6.57 6.38 6.38 z)	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01	CH 630334 633334 636332 50 nnel band CH 630668 633334 636000	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND DFT-1 width: 20MH PAPR (256QAM 6.68 6.66 6.74 6 NR BAND	Limit 13 13 13 n77 Par S-OFDW z dB) Limit 13 13 13 n77 Par	(MHz) 3457.50 3500.01 3542.49 t27(3450 tc SCS 30 227(3700 tc	630500 633334 636166 5350 MH (Hz 9 3980 MH)	256QAM 6.57 6.38 6.38 z)	dB) Limit 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01 3540.00	CH 630334 633334 636332 50 0 0 0 0 0 0 0 0 0 0 0 0 0	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND DFT-3 width: 20MH PAPR (256QAM 6.68 6.66 6.74 6 NR BAND DFT-3	Limit 13 13 13 17 Par S-OFDW z dB) Limit 13 13 13 13 13 13 5-OFDW	(MHz) 3457.50 3500.01 3542.49 t27(3450 tc _SCS 30 t27(3700 tc _SCS 30	630500 633334 636166 3550 MH (Hz 3550 MH (Hz 3980 MH) (Hz	256QAM 6.57 6.38 6.38 z)	dB) Limit 13 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01 3540.00	CH 630334 633334 636332 50 0 0 0 0 0 0 0 0 0 0 0 0 0	PAPR (256QAM 6.38 6.48 6.82 6 NR BAND DFT-4 width: 20MH PAPR (256QAM 6.68 6.66 6.74 6 NR BAND DFT-4 width: 10MH	Limit 13 13 13 n77 Par S-OFDW z dB) Limit 13 13 13 n77 Par S-OFDW z	(MHz) 3457.50 3500.01 3542.49 t27(3450 tc _SCS 30 I 	630500 633334 636166 3550 MH (Hz 3550 MH (Hz 3980 MH) (Hz	256QAM 6.57 6.38 6.38 z) z)	dB) Limit 13 13 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01 3540.00 Cha Freq.	CH 630334 633334 636332 50 0 0 0 0 0 0 0 0 0 0 0 0 0	PAPR (256QAM 6.38 6.48 6.82 3 NR BAND DFT- width: 20MH PAPR (256QAM 6.68 6.66 6.74 3 NR BAND DFT- Width: 10MH PAPR (Limit 13 13 13 n77 Par S-OFDW z dB) Limit 13 13 13 n77 Par S-OFDW z dB)	(MHz) 3457.50 3500.01 3542.49 127(3450 tc SCS 30 I Cha Freq.	630500 633334 636166 3550 MH (Hz 3550 MH (Hz 3980 MH) (Hz	256QAM 6.57 6.38 6.38 z) z) z)	dB) Limit 13 13 13 13	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01 3540.00 Cha Freq. (MHz)	CH 630334 633334 636332 50 1000 CH 630668 633334 636000 50 1000 50 1000 50 1000 50 1000 50 1000 50 1000 50 1000 10	PAPR (256QAM 6.38 6.48 6.82 3 NR BAND DFT-1 width: 20MH PAPR (256QAM 6.68 6.66 6.74 3 NR BAND DFT-1 width: 10MH PAPR (256QAM	Limit 13 13 13 77 Par S-OFDW Z dB) Limit 13 13 13 13 13 77 Par S-OFDW Z dB) Limit	(MHz) 3457.50 3500.01 3542.49 127(3450 tc SCS 30 I Call Call SCS 30 I Call Call Char Freq. (MHz)	630500 633334 636166 3550 MH (Hz) 33980 MH (Hz) nnel band CH	256QAM 6.57 6.38 6.38 z) z) width: 15MH PAPR (256QAM	dB) Limit 13 13 13 13 13 2 2 2 2 2 2 2 2 2 2 2 2	
Freq. (MHz) 3455.01 3500.01 3544.98 Cha Freq. (MHz) 3460.02 3500.01 3540.00 Cha Freq.	CH 630334 633334 636332 50 000 000 000 50 000 50 000 50 000 50 000 50 000 50 000 50 000 50 000 50 000 50 000 50 000	PAPR (256QAM 6.38 6.48 6.82 3 NR BAND DFT- width: 20MH PAPR (256QAM 6.68 6.66 6.74 3 NR BAND DFT- Width: 10MH PAPR (Limit 13 13 13 n77 Par S-OFDW z dB) Limit 13 13 13 n77 Par S-OFDW z dB)	(MHz) 3457.50 3500.01 3542.49 127(3450 tc SCS 30 I Cha Freq.	630500 633334 636166 5350 MH (Hz 33980 MH (Hz nnel band	256QAM 6.57 6.38 6.38 z) z) z)	dB) Limit 13 13 13 13	

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5G NR BAND n77 Part27(3700 to 3980 MHz)									
DFT-S-OFDM_SCS 30 kHz									
Channel bandwidth: 20MHz									
Freq.	СН	PAPR (dB)						
(MHz)	СП	256QAM	Limit						
3710.01	647334	6.45	13						
3840.00	656000	6.98	13						
3969.99	664666	7.04	13						

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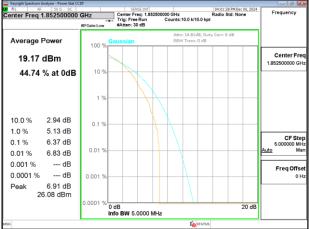
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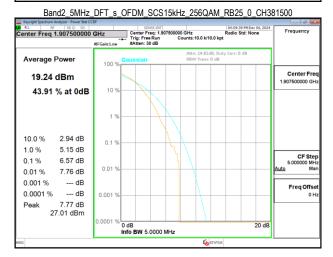


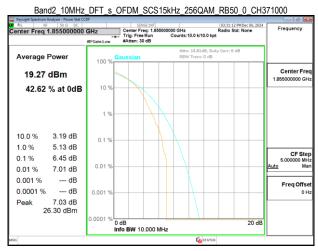
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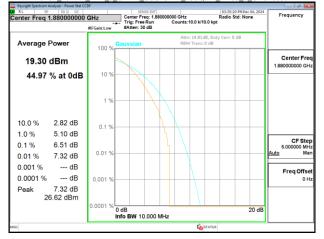
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Band2 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH376000





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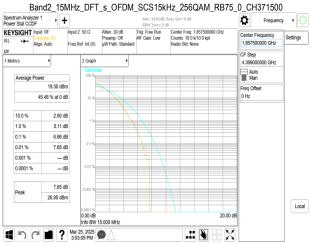
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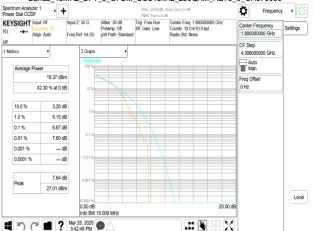
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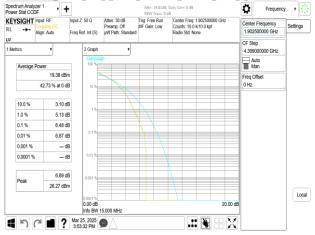


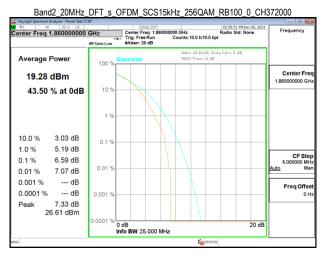


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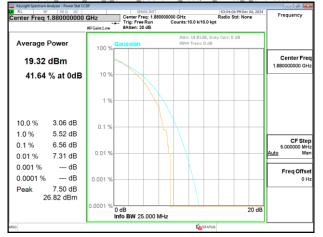


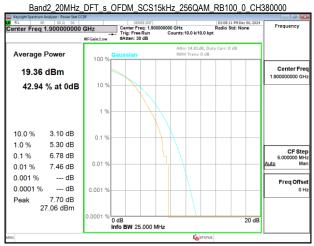
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Band2_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH376000





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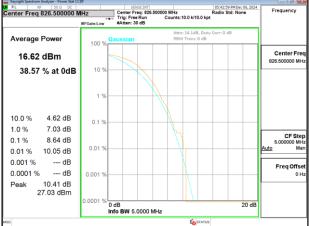
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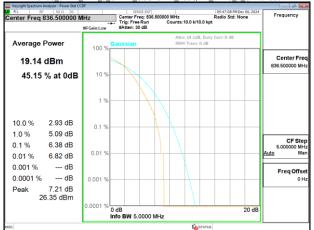
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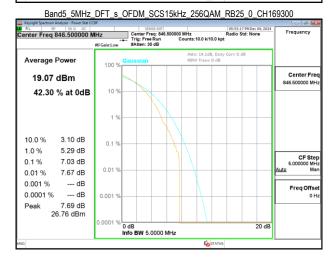


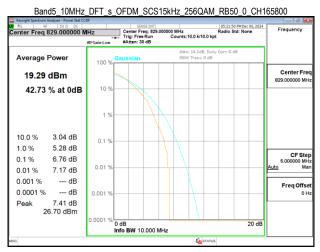
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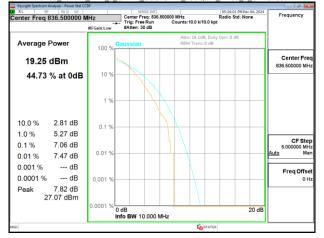
Band5_5MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB25_0_CH167300







Band5 10MHz DFT s OFDM SCS15kHz 256QAM RB50 0 CH167300





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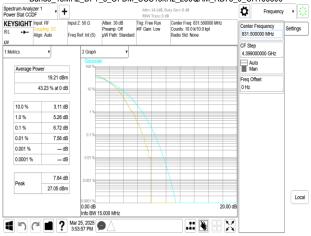
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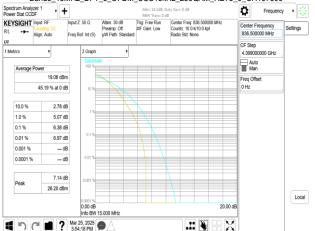
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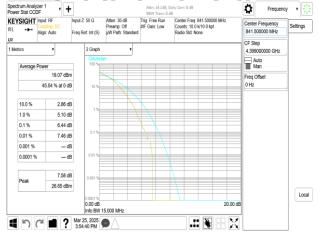
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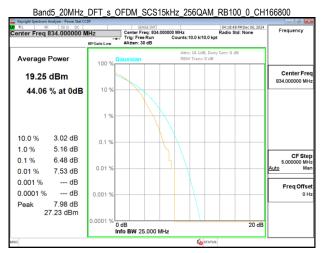


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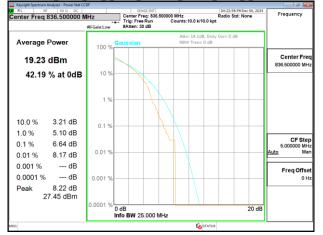


Band5_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH168300





Band5_20MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB100_0_CH167300





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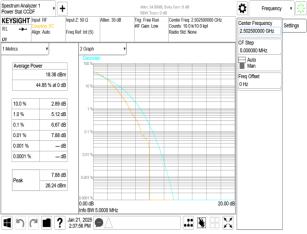
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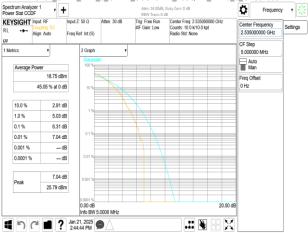
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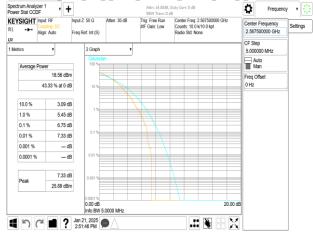
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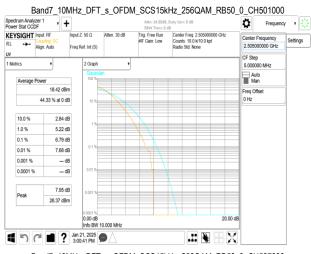


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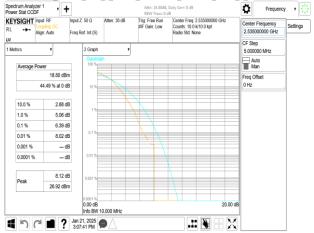


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Band7_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH507000





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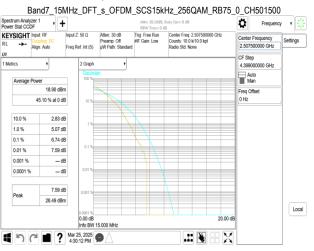
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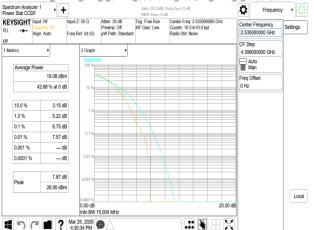
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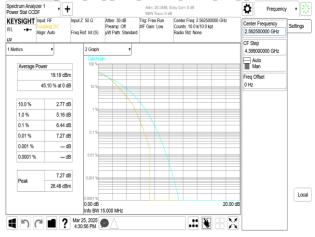
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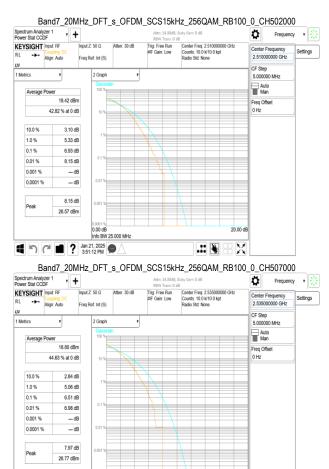


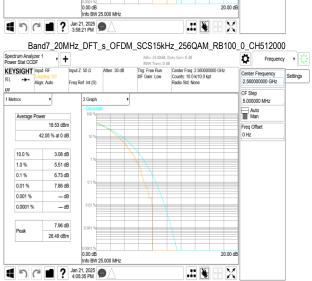
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Band7_15MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB75_0_CH512500







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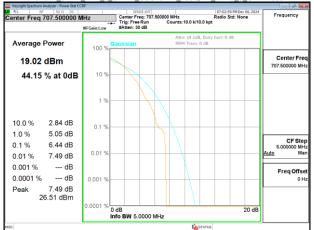
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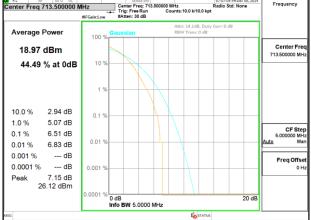
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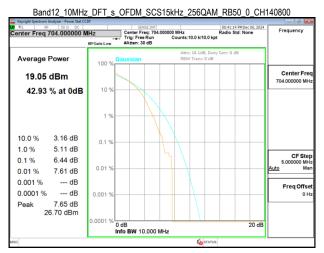


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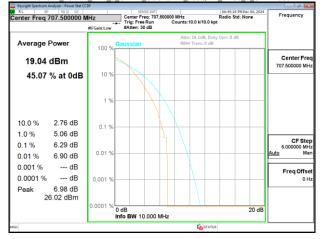


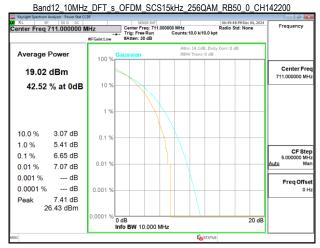






Band12_10MHz_DFT_s_OFDM_SCS15kHz_256QAM_RB50_0_CH141500





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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.