SG

Band13 5MHz QPSK RB1 0 CH23205

Keysight Spe	ctrum Analyzer - Swept S			_			00
Center Fr	req 5.0150000	00 GHz	SENSE:IN	#Avg Ty	ALIGN AUTO pe: RMS	04:27:03 PM Jun 17, 2024 TRACE 1 2 3 4 5	Frequency
10 dB/div	Ref Offset 13.8 d Ref 30.00 dBr		#Atten: 30 dB		1	Mkr3 4.602 GHz -32.40 dBm	Auto Tun
20.0 10.0	¥1						Center Fre 5.015000000 GH
-10.0	2		♦ ³			0L1 -13.00 dDn	Start Fre 30.000000 MH
40.0 50.0 60.0							Stop Fre 10.000000000 Gi
Center 5.0 #Res BW	1.0 MHz	#VB	W 3.0 MHz	FUNCTION FU		Span 9.970 GH2 6.62 ms (9971 pts	CF Ste 997.000000 Mi Auto Mi
1 N 1 2 N 1 3 N 1 4 6	f f	777 MHz 1.521 GHz 4.602 GHz	24.99 dBm -37.82 dBm -32.40 dBm				Freq Offs 0
6 7 8 9							Scale Ty
11 <			m		K STATU:	· · ·	

		Band13	_5MHz	_QPS	K_RB1	_0_0	CH232	230	
R	ectrum Analyzer - Swe RF 50 Ω req 5.01500	DC 00000 GHz	ast Trig:	SENSE:INT	#Avg Type	ALIGN AUTO e: RMS	TRAI	MJun 17, 2024 2E 1 2 3 4 5 6 PE M WWWWW	Frequency
	Ref Offset 13	IFGain:		n: 30 dB			₀ Mkr3 3.8	ET P NNNNN	Auto Tu
0 dB/div 20.0 10.0	Ref 30.00 c						-51.		Center Fr 5.015000000 G
20.0	^2		∮ ³					01.1 -10.00 dEm	Start Fr 30.000000 M
10.0 10.0 10.0			ليمادرين)***انش			****			Stop Fr 10.000000000 0
Res BW	015 GHz 1.0 MHz		#VBW 3.0 №				16.62 ms (.970 GHz 9971 pts)	CF S1 997.000000 M Auto M
1 N 1 2 N 1 3 N 1 4 5		× 780 MH 1.543 GH 3.869 GH	z -37.6	0 dBm 7 dBm 7 dBm	NCTION	ICTION WIDTH	EUNCT	E	FreqOff
7 8 9 0								≡!	Scale Ty
sa				-		E STATL	IS	•	

Band13_5MHz_QPSK_RB1_0_CH23255

🔤 Keysight Spe	sctrum Analyzer - Swept Si	A						
Center Fi	req 5.0150000	00 GHz	SENSE:INT	#Avg Typ	ALIGN AUTO e: RMS	04:30:13 PM Jun 1 TRACE 1 2 TYPE MY	3456	Frequency
10 dB/div	Ref Offset 13.8 d Ref 30.00 dBr		#Atten: 30 dB		1	Akr3 3.839 -32.14	GHz	Auto Tune
20.0	*1							Center Free 5.015000000 GH
-10.0 -20.0 -30.0	^2		3			0,1 4	9.09 dBm	Start Free 30.000000 MH
-40.0 -50.0 -60.0	فتتع مغيثة فعدم وغالم						-	Stop Fre 10.00000000 GH
Center 5.0 #Res BW	1.0 MHz	#VBV	V 3.0 MHz		Sweep 1	Span 9.970 6.62 ms (997	1 pts)	CF Stej 997.000000 MH Auto Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1	783 MHz 1.593 GHz 3.839 GHz	26.66 dBm -38.08 dBm -32.14 dBm					Freq Offse 0 H
6 7 8 9 10 11								Scale Typ
< MSG			m		K STATU:	5	•	

Report No.: TERF2405001538E2 Page: 118 of 189

Band13 10MHz QPSK RB1 0 CH23230

	SENSE:INT	ALIGN AUTO	04:16:20 PM Jun 17, 2024	Frequency
Freq 5.015000000 G	PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB	#Avg Type: RMS	TYPE NNNNN	riequency
Ref Offset 13.8 dB Ref 30.00 dBm	a contecta	N	lkr3 3.751 GHz -32.04 dBm	Auto Tun
¥1				Center Fre 5.015000000 GH
^2	3		0L1 +13.00 #Dm	Start Fre 30.000000 MF
				Stop Fre 10.00000000 GF
5.015 GHz W 1.0 MHz	#VBW 3.0 MHz		Span 9.970 GHz 6.62 ms (9971 pts)	CF Ste 997.000000 Mi Auto Ma
1 f 1.8	778 MHz 26 20 dBm 538 GHz -37 22 dBm 751 GHz -32.04 dBm	CTION FUNCTION WIDTH	FUNCTION WALUE	Freq Offse
				Scale Typ
			•	Log L

Band66_1.4MHz_QPSK_RB1_0_CH131979

	MJun 17, 2024	05:15:44 P	LIGN AUTO					DC DC	snavyzer - swe 50 Ω	RF	ysigne o	
Frequency	E 1 2 3 4 5 6	TRAC		#Avg Ty			GHz	00000	10.0150		ter l	en
Auto Tur	88 GHz	(r3 19.2	м			#Atten: 30	PNO: Fast FGain:Low	dB	Offset 14		B/div	
	o ubiii	-00.						1DIII	30.00 0	- Ke	BJaiv	og
Center Fre 10.015000000 GH												20.0 10.0
10.01500000 GP												10.0
	01 - 10 00 dDm											10.0
Start Fre 30.000000 MH	A3											20.0
30.00000 Mir	¢°								() ²			0.0
01 F				الملجاني			-	-		-	فيبين	40.0
Stop Fre 20.000000000 GH							+				-	60.0
20.0000000000							+				\vdash	60.0
CF Ste	9.97 GHz				· · · ·		_		GHz	0.015	ter 1	en
1.997000000 GF Auto Mi	9971 pts)	28 ms (1	weep 33.	5		V 3.0 MHz	#VE		MHz	1.0	s BV	Re
<u>Auto</u> me	ON VALUE	FUNCTI	CTION WOTH	CTION FU		26.34 dE	11 GHz	X 4 3		RC SCI	MODE N	90 1
Freq Offs				_	lm	-33.07 dE	35 GHz 88 GHz	3.4			N	2
01	_			-	m	-30.76 dB	88 GHZ	19.4		1 1	N	4
												5 6
Scale Typ	_			_								7 8
Log L												9
					_						_	11
												a

Band66_1.4MHz_QPSK_RB1_0_CH132322

	sctrum Analyzer - !										
Center F	RF 50 req 10.01	5000000	GHz		SE:INT	#Avg Ty	ALIGN AUTO pe: RMS	TRA	CE 1 2 3 4 5 6	- I - F	requency
10 dB/div	Ref Offset	14 dB	PNO: Fast FGain:Low	#Atten: 30			м	kr3 19.8	354 GHz		Auto Tun
20.0 10.0	×1									10.0	Center Free 15000000 GH
20.0		2							01.1 -10.00 4Dm		Start Fre 30.000000 MH
40.0 50.0 50.0										20.0	Stop Fre 00000000 GH
	.015 GHz 1.0 MHz	×	#VBI	W 3.0 MHz	FU		weep 3	3.28 ms (1	19.97 GHz 19971 pts)	1.9 Auto	CF Ste 97000000 GH Ma
1 N 1 2 N 1 3 N 1 4	1	3.6	745 GHz 519 GHz 54 GHz	26.04 dB -34.12 dB -30.46 dB	m						Freq Offs
6 7 8 9											Scale Typ
11	11		-		-	-				Log	Li
sG							K STATU	6			

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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Band66 1.4MHz QPSK RB1 0 CH132665

SG

				_	-	_	_	pt SA	Analyzer - Sive	pectrum	ysight (🔤 Ke
Frequency	4 Jun 17, 2024	TRAC	ALIGN AUTO e: RMS	#Avg Typ	NSE:INT	1	Hz	00000 G	50 Ω 10.0150	∣ ≋ Freq	ter	Cer
Auto Tun	57 GHz	(r3 19.0	M			#Atten: 3	NO: Fast Sain:Low	dB	Offset 14 5 30.00 d		B/div	
Center Fre 10.015000000 GH										X		20.0 10.0
Start Fre 30.000000 MH	0 <u>.1 40.00 40m</u>							a and a	. () ²			-10.0 -20.0 -30.0
Stop Fre 20.000000000 GF										i natiki		40.0 -50.0 -60.0
CF Ste 1.997000000 GF Auto Ma	9.97 GHz 9971 pts)	.28 ms (1				/ 3.0 MHz	#VB		MHz	0.015 V 1.0	s Bl	#Re
Freq Offs 0 H	E	FUNCTION	CTION WIDTH	CTION FU	Bm	26.64 dl -34.09 dl -30.90 dl	9 GHz 9 GHz 7 GHz	3.55		1 f 1 f 1 f	N N N	1 2 3 4 5 6
Scale Typ										+		7 8 9 10
	· *		K STATUS		-	.11				-1	-	< line

		В	and6	6_31	ИНz_С	PSK	_RB1	_0_C	H1319	987		
Keysight Sp	RF	nalyzer - Swept	SA DC		cou	SE:INT		ALIGN AUTO	05-07-44.0	M Jun 17, 2024		00
Center F			0000 G	Hz]		#Avg Typ		TRAC	E 1 2 3 4 5 6	Fr	equency
				O: Fast ↔ ain:Low	#Atten: 30				D	PNNNN		
		Offset 14 d						М	kr3 18.9		1	Auto Tun
10 dB/div	Ref	30.00 dE	Bm						-30.	97 dBm		
20.0												Center Fre
10.0											10.01	5000000 GH
0.00											<u> </u>	
-10.0										0L1 -13.00 dDm		Start Fre
-20.0										43	30	000000 MF
-30.0		2								destanded i	<u> </u>	
-40.0	وفي المارين		وشيا الجينة	وبالبينية الم								
-50.0	-											Stop Fre 0000000 GF
-60.0											20.00	0000000 Gr
Center 1	0.015	CH-							Snop 4	9.97 GHz	L	CF Ste
#Res BW				#VBV	V 3.0 MHz		s	weep 33	3.28 ms (1		1.99	7000000 GH
MKR MODE T	RC SCL		x		Y	EUN	TION FUI	CTION WOTH	FUNCTI	ON VALUE	Auto	Ma
1 N 2 N	11		1.710 000	GHz	26.73 dB -34.56 dB	m						
3 N	1 1		18.982		-30.97 dB		-					Freq Offs
4											I	0 F
6						_						
8				_		-				_	I	Scale Typ
10											Log	L
11						-	_			•	۲÷-	
15G								E STATU	s		L	

Band66_3MHz_QPSK_RB1_0_CH132322

	ectrum Analyzer - Swep							
Center F	RF 50 Ω req 10.01500	DODOOO GHz PNO: Fast	SENSE:IN	#Avg Typ	ALIGN AUTO e: RMS	05:09:27 PM TRACE	1 2 3 4 5 6	Frequency
10 dB/div	Ref Offset 14 o Ref 30.00 dl	IFGain:Low	#Atten: 30 dB		М	DET kr3 19.39	PNNNNN	Auto Tune
20.0 10.0	×1							Center Free 10.015000000 GH:
-10.0 -20.0 -30.0	²						L1-10.00 dEm	Start Free 30.000000 MH:
-40.0 -50.0 -60.0								Stop Free 20.000000000 GH:
Center 10 #Res BW		#VE	SW 3.0 MHz		weep 33	Span 19 2.28 ms (19	971 pts)	CF Step 1.997000000 GH Auto Mar
1 N 1 2 N 1 3 N 1 4 5		1.744 GHz 3.504 GHz 19.390 GHz	26.88 dBm -33.00 dBm -30.98 dBm					Freq Offse 0 H
6 7 8 9 10 11								Scale Type
MSG			m		K STATU:	5	•	

Band66 3MHz QPSK RB1 0 CH132657

									n Analyzer - S		Keysight
Frequency	56 PM Jun 17, 2024 TRACE 1 2 3 4 5 6	05:10:56	ALIGN AUTO	#Avg Tv	NSE:INT	SE	CUI-	5000000	F 50		R
	TYPE MWWWW		e. Kina	10 M		Trig: Fre	PNO: Fast	5000000	10.015	Frec	enter
	DETIPININININ				0 dB	#Atten: 3	IFGain:Low				
Auto Tu	8.962 GHz		М					14 dB	of Offset 1	P	
	29.48 dBm	-29							ef 30.00		dB/di
					· · · ·				1	Y	9
Center Fre		-					+			-	1.0
10.015000000 Gi				-	-						1.0
					<u> </u>			_			
	011 /10 00 /00										
Start Fre							-			-	
30.000000 Mi	●3 -							2			
	Sector States		and the same of		AL ALINO	and the cost		a	in the state	-	1.0
Oton En	and the second se							differentiation (الجعيد	1.0
Stop Fre		-						_			1.0
20.000000000 GI											
											~
CF Ste	n 19.97 GHz	Span							5 GHz	10.01	enter
1.997000000 G	s (19971 pts)	3.28 ms (weep 33	5		V 3.0 MHz	#VE		MHz	W 1.0	tes B
Auto M	INCTION VALUE	FUNC	ICTION WOTH	ICTION FU	F	Y		x	0	e tro s	R MOD
						26.77 d	777 GHz	1.3		1 1	I N
Freq Offs		-			Bm	-33.87 d	570 GHz 962 GHz	3.		1 1	2 N
01					5111	-29.40 U	502 GH2	10.1			
	E				_					++	5
									+	++	
Scale Typ					_						3
		-							-		
Log L											í
	•										
		s	K STATUS								

Band66_5MHz_QPSK_RB1_0_CH131997

R RF 50 Q DC		SENSE:INT	ALIGN AUTO	05:01:21 PM Jun 17, 2024	
Center Freg 10.01500000	0 GHz		#Avg Type: RMS	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ···	#Atten: 30 dB		DET P NNNN	4
Ref Offset 14 dB 0 dB/div Ref 30.00 dBm			м	kr3 18.963 GHz -30.12 dBm	
.og ¥1 20.0					Center Fre
10.0	_				10.015000000 GH
1.00				01.1 -10.00 dDm	
0.0				3	Start Fre 30.000000 MH
30.0		Instatio latioshimi ta	والدوار ومقاصفه الأول مرينة بالمقاص الديد	and the second state of th	
40.0					Stop Fre
60.0					20.00000000 GH
enter 10.015 GHz				Span 19.97 GHz	
Res BW 1.0 MHz	#VBV	/ 3.0 MHz		.28 ms (19971 pts)	1.997000000 GH Auto Ma
RR MODE TRC SCL X	1.711 GHz	25.96 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N 1 f 3 N 1 f	3.397 GHz 18.963 GHz	-35.20 dBm -30.12 dBm			Freq Offse
4 5 6				ii	он
8					Scale Typ
9 10					Log Li
		л		· · · ·	
0			STATU:	5	

Band66_5MHz_QPSK_RB1_0_CH132322

	ctrum Analyzer -										
Center Fr		5000000	GHz		SE:INT	#Avg Typ	ALIGN AUTO	TRA	MJun 17, 2024 CE 1 2 3 4 5 (equency
0 dB/div	Ref Offset Ref 30.0	14 dB	PNO: Fast ➡ IFGain:Low	#Atten: 30			М	• Ikr3 19.1	68 GHz		Auto Tun
20.0	XI										Center Fre 5000000 GH
20.0		2							0 <u>,1 -10.00 dDm</u>	30	Start Fre
40.0 50.0 50.0	ulumini i	in states of	ل الس مالياتين			i la				20.00	Stop Fre 0000000 GH
enter 10 Res BW		×	#VBI	W 3.0 MHz	FIN		weep 3	3.28 ms (1	9.97 GHz 9971 pts)	1.99 Auto	CF Ste 7000000 GH Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1	1.7	743 GHz 447 GHz 168 GHz	25.77 dB -35.01 dB -30.68 dB	m m						Freq Offs 0 ⊦
6 7 8 9											Scale Typ
10										Log	Li
so							K STATU	IS			

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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Band66 5MHz QPSK RB1 0 CH132647

SG

Keysight Sp	ectrum Analyzer -										- 0 -3
Center F		5000000 (GHz	Trig: Free		#Avg Typ	ALIGN AUTO	TRAI	MJun 17, 2024 DE 1 2 3 4 5 6 PE M WWWWW	Fred	uency
10 dB/div	Ref Offset Ref 30.0	14 dB	Gain:Low	#Atten: 30	dB		м	kr3 19.9	89 GHz 95 dBm	A	uto Tune
20.0 10.0	×ı										nter Fre 00000 GH
-10.0		2							0L1-10:00 dDm 3		Start Fre 00000 M⊦
-40.0 -50.0 -60.0											Stop Fre
#Res BW			#VB	W 3.0 MHz				.28 ms (1	9.97 GHz 9971 pts)	1.9970 Auto	CF Ste 00000 GH Ma
1 N 2 N 3 N 4 5		3.5	75 GHz 13 GHz 89 GHz	25.90 dB -33.60 dB -29.95 dB	m n	CTION	NCTION WIDTH	FUNCTI	ON VALUE		reqOffse 0⊦
7 8 9 10										Log	cale Typ
11					-				· · ·		<u>11</u>
MSG							Ko STATU:	1		L	

		Bar	nd66_10	MHz_QP	SK_RB1_	0_CI	132022	
R	RF	so Ω DC		SENSE:INT		GN AUTO	04:55:13 PMJun 17, 2024	Frequency
Center F	req 1	0.0150000	PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	#Avg Type: F	RMS	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P NNNN	
10 dB/div		Offset 14 dB 30.00 dBm				Mk	3 18.792 GHz -30.65 dBm	Auto Tun
20.0	¥1							Center Fre
10.0								10.015000000 GH
0.00								
-10.0							0L1 -19.00 dDm	Start Fre 30.000000 MH
-30.0		2					♦ °	30.000000 Mir
-40.0								Stop Fre
-50.0								20.00000000 GH
Center 1	0.015	CHa					Span 19.97 GHz	05.01
#Res BW			#VB	W 3.0 MHz	Swe	ep 33.2	8 ms (19971 pts)	CF Ste 1.997000000 GF
MKR MODE T	RC SCL	,	1.711 GHz	25.68 dBm	EUNCTION EUNCTI	ON WOTH	FUNCTION VALUE	Auto Ma
2 N	1		3.414 GHz 18.792 GHz	-34.05 dBm -30.65 dBm				Freq Offs
4 5			10.792 0112	-50.00 0.511				01
6								Scale Tvr
8 9 10	\pm					-		1
10								Log L
ASG						STATUS	,	

Band66_10MHz_QPSK_RB1_0_CH132322

	ectrum Analyzer - Swe							
Center F	RF 50 Ω req 10.0150	00000 GHz PNO: Fast	SENSE:IN	#Avg Typ	ALIGN AUTO e: RMS	04:56:57 PM Jun 17 TRACE 1 2 TYPE MW	3456	Frequency
10 dB/div	Ref Offset 14 Ref 30.00 d	IFGain:Low	#Atten: 30 dB		М	bet∥P N kr3 19.728 (-30.39 d	GHz	Auto Tune
20.0 10.0	×							Center Free 10.015000000 GH:
-10.0 -20.0 -30.0	2					011-10	-î	Start Free 30.000000 MHz
-40.0 -50.0 -80.0								Stop Free 20.000000000 GH2
Center 10 #Res BW		#VE	3W 3.0 MHz		weep 33	Span 19.97 3.28 ms (19971	pts)	CF Step 1.997000000 GH: Auto Mar
1 N 2 N 3 N 4		1.741 GHz 3.499 GHz 19.728 GHz	27.13 dBm -34.76 dBm -30.39 dBm				=	Freq Offse 0 H
6 7 8 9 10 11								Scale Type
MSG		1	Ш.		to statu:	5	•	

Keysight Spectrum Analyzer - Swept SA					
R RF 50 Ω DC		SENSE:INT	#Avg Type: RMS	04:58:24 PM Jun 17, 2024 TRACE 1 2 3 4 5 6	Frequency
enter Freq 10.0150000	PNO: Fast ++ IFGain:Low	#Atten: 30 dB	and grapher the	DET P NNNN	1
Ref Offset 14 dB 0 dB/div Ref 30.00 dBm			Μ	kr3 18.437 GHz -30.76 dBm	
og ¥1 20.0					Center Fre
10.0					10.015000000 GH
0.00				011-12-00-004	
0.0				A ³	Start Fre 30.000000 MH
	Water and Marine		and the second	ala in this is a subset	
0.0					Stop Fre 20.000000000 GH
0.0					20.00000000 84
enter 10.015 GHz Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 33	Span 19.97 GHz 3.28 ms (19971 pts)	1.997000000 GH
N 1 F	1.771 GHz	27.02 dBm	UNCTION FUNCTION WOTH	FUNCTION VALUE	Auto Ma
2 N 1 F 3 N 1 F	3.546 GHz 18.437 GHz	-34.53 dBm -30.76 dBm			Freq Offs
4 5 6					01
7					Scale Typ
8					
					Log Li

Band66_15MHz_QPSK_RB1_0_CH132047

											Analyzer - Swep		
Frequency	·	MJun 17, 2024	04:48:33 PI		ALIGN I Type: RM	#Ava	ISE:INT	SB	20.2		50 Q 10.01500	Frog	R
	<u> </u>		TYP		.,			#Atten: 3	NO: Fast ··· Gain:Low	P	10.0150	rieq	FILEI
Auto Tun	L	27 GHz 32 dBm		Mk							Offset 14 of f 30.00 d		dB/div
Center Fre												X.	
10.015000000 GH	10.0				-	-							0.0
		01.1 -10:00 dDm											.00
Start Fre 30.000000 MH		▲3				-					2		0.0
	F	ula lintat	البخيرين		-	-			-	-			0.0
Stop Fre 20.00000000 GF	20/				_								0.0
20.000000000						-							0.0
CF Ste 1.997000000 GF	1.9	9.97 GHz 9971 pts)	Span 1 28 ms (1	p 33.	Sweep			3.0 MHz	#VBW			10.015 W 1.0	
<u>Auto</u> Ma	Auto	ON VALUE			FUNCTION	CTION		¥ 26,75 di	11 GHz	×		E TRC SCI	NODE
Freq Offs		_		-			3m	-34.86 d	26 GHz 27 GHz	3.43			2 N 3 N
01													4
	L	E		_									5
Scale Typ	F			-									5 6 7
Scale Typ	Log												5

Band66_15MHz_QPSK_RB1_0_CH132322

	trum Analyzer - Sw										- 6
enter Fre	eq 10.0150	000000 G	Hz		SE:INT	#Avg Ty	ALIGN AUTO pe: RMS	TRA	MJun 17, 2024 CE 1 2 3 4 5 (equency
	Ref Offset 14 Ref 30.00	IFG I dB	IO: Fast ↔ iain:Low	Mkr3 19.404 GHz	Auto Tun						
20.0 10.0	×ı										enter Frei 000000 GH
20.0	^2	2							0 <u>L1 -10.00 dEm</u>	30	Start Fre
40.0 					de se de	الروين المراجعة				20.000	Stop Fre
enter 10. Res BW 1	1.0 MHz	×	#VBV	V 3.0 MHz	FIL		weep 3	3.28 ms (1	9.97 GHz 9971 pts)	1.997 Auto	CF Ste 000000 GH Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1	1.739 3.492 19.404	2 GHz 2 GHz 1 GHz	26.76 dB -34.33 dB -31.29 dB	im m					F	FreqOffso 0⊦
6 7 8 9											Scale Typ
10			-							Log	Li
sa							K STATU	IS			

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Band66 15MHz QPSK RB1 0 CH132597

SG

	ectrum Analyzer -										
Center F	RF 50	5000000 0	GHz	SENSI		#Avg Typ	ALIGN AUTO	TRAC	MJun 17, 2024	Fr	equency
10 dB/div	Ref Offset Ref 30.00	14 dB	PNO: Fast Gain:Low	#Atten: 30	dB		M	kr3 19.7	33 GHz 83 dBm		Auto Tun
20.0 10.0	*1										Center Fre 5000000 G⊦
10.0 20.0 30.0		2							01.1 -10.00 atom	30	Start Fre
40.0 60.0										20.00	Stop Fr 0000000 Gi
≇Res BW			#VB	W 3.0 MHz				.28 ms (1	9.97 GHz 9971 pts)	1.99 Auto	CF Ste 7000000 GI M
1 N 1 2 N 1 3 N 1 4 5	f f f	3.5	66 GHz 70 GHz 33 GHz	26.65 dBr -33.97 dBn -30.83 dBn	n	TION	NCTION WIDTH	FUNCTH			Freq Offs 01
7 8 9										L	Scale Typ
11			_		1					Log	L
4 15G								1		L	

		Band	66_20	MHz_Q	PSK_RE	81_0_0	CH132	072	
Keysight Sp R	RF	r - Swept SA 50 Ω DC		SENSE:	INT	ALIGN AUTO		M Jun 17, 2024	
Center F	req 10.0	15000000	GHz PNO: Fast	Trig: Free R	un C	ype: RMS	TVI	2E 1 2 3 4 5 6 PE MWWWWW	Frequency
			IFGain:Low	#Atten: 30 d	В		⊳. kr3 19.0		Auto Tur
10 dB/div	Ref Offs Ref 30	et 14 dB 00 dBm				IV		68 GHZ 02 dBm	
	¥1	ou abiii							
10.0									Center Fre 10.015000000 GH
0.00									
-10.0								OL1-13:00 dEm	Start Fre
-20.0	_							3-	30.000000 MH
-30.0		2			and the second	No. of Contract, N	المتصورا دريدا		L
40.0					A				Stop Fr
-50.0 -60.0									20.00000000 G
	0.015 GH	z	#VB	W 3.0 MHz		Sweep 3		9.97 GHz 9971 pts)	CF Ste 1.997000000 Gi
MKR MODE 1	RC SCL	x		Y	FUNCTION			ON VALUE	<u>Auto</u> Mi
1 N 2 N			711 GHz 423 GHz	26.83 dBm -35.13 dBm					
	1 1		068 GHz	-30.02 dBm					Freq Offs
6								=E	
7 8									Scale Ty
9									Log L
11	11						-		
sa						K STATL	s		L

Band66_20MHz_QPSK_RB1_0_CH132322

	ectrum Analyzer - Sw							
Center F	RF 50 Ω req 10.0150	000000 GHz	SENSE:1	#Avg Typ	ALIGN AUTO e: RMS	04:37:27 PM Jun TRACE 1 TYPE M	2 3 4 5 6	Frequency
10 dB/div	Ref Offset 14 Ref 30.00		#Atten: 30 dB		М	kr3 19.092 -29.38	GHz	Auto Tune
20.0 10.0	×1							Center Free 10.015000000 GHz
-10.0 -20.0 -30.0	2 ²	2				DL1	^{10.00 sEm}	Start Free 30.000000 MHz
-40.0 -50.0 -60.0								Stop Free 20.000000000 GH2
Center 10 #Res BW		#VE	BW 3.0 MHz		weep 33	Span 19.9 28 ms (1997	71 pts)	CF Step 1.997000000 GH: Auto Mar
1 N 2 N 3 N 4 5		1.736 GHz 3.433 GHz 19.092 GHz	26.63 dBm -34.67 dBm -29.38 dBm					Freq Offse 0 H
6 7 8 9 10 11							3	Scale Type
MSG					to statu:	5		

Band66 20MHz QPSK RB1 0 CH132572

								Analyzer - Sw		eysight :	- Ke
Frequency	04:38:53 PM Jun 17, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW	ALIGN AUTO pe: RMS	#Avg	NSE:INT		GHz	DC 000000 (Freq	nter	a R Cer
Auto Tun	r3 19.040 GHz -30.84 dBm	M			#Atten: 3	NO: Fast Gain:Low	dB	f Offset 14		B/div	0.0
Center Fre 10.015000000 GF								1	ŶĨ		20.0 10.0
Start Fre 30.000000 Mi	0L1 -13.00 4Dm							. 0			0.0
Stop Fre 20.000000000 G									-		0.0 0.0
CF Ste 1.997000000 Gi Auto Mi	Span 19.97 GHz 28 ms (19971 pts)				V 3.0 MHz	#VB		MHz	10.015 N 1.0	es Bl	Re
Freq Offs 0 H	FUNCTION VALUE	INCTION WIDTH	JNCTION	Bm Bm	26.57 d -34.58 d -30.84 d	61 GHz 10 GHz 40 GHz	3.5		1 f 1 f 1 f	N	1 2 3 4 5 6
Scale Typ											7 8 9
	*					-					11
		K STATUS									sg

Band71_5MHz_QPSK_RB1_0_CH133147

											Analyzer - Swep		vsigne op	
Frequency	6	PM Jun 18, 202 CE 1 2 3 4 5	TRAC	GN AUTO	a Type:	#Av	SE:INT		7	0000 GH	5.01500	RF	ter F	R enf
	m)	DET P NNN	DI					Trig: Free #Atten: 3	NO: Fast 🔸	P				
Auto Tun		874 GH .43 dBr	1kr3 4.8 -32.	N							f Offset 13. f 30.00 d		3/div) dE
Center Fre	1											X1		9 9 0.0
5.015000000 GH	╢					-							-	0.0
StartFre		0L1 -13.00 dE												.00).0
30.000000 Mi	H				-	-							-	1.0
		-	-	فاستعتبناه	-	-			ويعافز أرابهم والمرا	بتبدا والعيد	Ŝ.	محمد		0.0
Stop Fre 10.00000000 GF	╢					+						-		0.0
														1.0
CF Ste 997.000000 MH	»H	9.970 GH (9971 pt:	Span 9 6.62 ms (/eep 1	S			3.0 MHz	#VBW			.015 (1.0		
l <u>uto</u> Ma		ION VALUE	FUNCTI	ION WIDTH	FUNC	INCTION		25.96 di	4 MHz	×		RC SCI	NODE T	
Freq Offs	l						Im	-37.56 de	9 GHz 4 GHz	1.33			N	2
01				_	+		+					+	+	5
											-			
Scale Typ	ľ													7
Scale Typ												-	-	6 7 8 9 0

Band71_5MHz_QPSK_RB1_0_CH133297

Keysight Spectrum Analyzer - Swept SA					
R RF 50 Ω DC Center Freq 5.015000000	GH7	SENSE:INT	ALIGN AUTO	04:24:32 PM Jun 18, 2024 TRACE 1 2 3 4 5	Frequency
Ref Offset 13.8 dB 0 dB/div Ref 30.00 dBm	PNO: East Trig: I	ree Run : 30 dB		TYPE NWWWW DET P NNNN Mkr3 3.308 GHz -32.10 dBm	Auto Tun
					Center Fre 5.015000000 GH
0.0	3			0L1-10.00 dDm	Start Fre 30.000000 Mi
	No. of Content of Cont		deficient and the local data		Stop Fre 10.00000000 GF
enter 5.015 GHz Res BW 1.0 MHz	#VBW 3.0 M	Hz	Sweep 1	Span 9.970 GHz 6.62 ms (9971 pts)	997.000000 M
3 N 1 f 3	679 MHz 26.75 1.376 GHz -37.18 3.308 GHz -32.10	dBm dBm dBm	N FUNCTION WIDTH	FUNCTION VALUE	Freq Offs
5 6 7 8 9					Scale Ty;
0					Log L
a			STATU:	s ,	

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Band71 5MHz QPSK RB1 0 CH133447

Keysight Spe	ctrum Analyzer - Swep							00
Center Fr	eq 5.015000	DC 0000 GHz	SENSE:17	#Avg Typ	ALIGN AUTO pe: RMS	TRAC	E 1 2 3 4 5 6	Frequency
10 dB/div	Ref Offset 13.8 Ref 30.00 di	IFGain:Low	#Atten: 30 dB		n	Akr3 3.1	19 GHz 09 dBm	Auto Tune
20.0 10.0	1							Center Fre 5.015000000 GH
-10.0	^2	→ ³					0L1 -13:00 dDm	Start Fre 30.000000 MH
-40.0								Stop Fre 10.00000000 Gł
Center 5.0 #Res BW	1.0 MHz		W 3.0 MHz			6.62 ms (. ,	CF Ste 997.000000 Mi Auto Ma
MOR MODE 18 1 N 1 2 N 1 3 N 1 4 5 6	f f f	× 694 MHz 1.410 GHz 3.119 GHz	26.56 dBm -37.12 dBm -32.09 dBm	FUNCTION	INCTION WOTH	FUNCTIO	E	Freq Offs 01
7 8 9								Scale Typ
11							•	Log L
ASG					Ko STATU:	5		t

		Band	71_10	MHz_Q	PSK	_RB1	0_0	CH133	3172	
R	ectrum Analyzer - S RF S0 :	Ω DC		SENSE	:INT]		LIGN AUTO		PM Jun 18, 2024	Frequency
Center F	req 5.0150	-	Hz PNO: Fast ↔ FGain:Low	Trig: Free R #Atten: 30 d		#Avg Type	RMS	TRA TY D	CE 1 2 3 4 5 6 PE MWWWWWW ET P NNNNN	
10 dB/div	Ref Offset 1 Ref 30.00							Mkr3 3.1 -30.	111 GHz 82 dBm	Auto Tur
20.0	¥1									Center Fre
10.0										5.015000000 G
10.0									0L1-13.00 dEm	Start Fr
20.0	-2		∮ ³							30.000000 M
40.0 (49.04		-	-		حجازهمي	-		-		Stop Fr
50.0 60.0										10.00000000 G
	015 GHz								9.970 GHz	CF Ste
Res BW	1.0 MHz	x	#VB	N 3.0 MHz	EUNCT		weep	16.62 ms	(9971 pts)	997.000000 M Auto M
1 N		6	64 MHz 19 GHz	25.91 dBm -38.16 dBm		ION FUNC	TION WUT	FUNCT	ION VALUE	Ence Offe
3 N 4	1 f	3.1	11 GHz	-30.82 dBm						Freq Offs
6 7 8										Scale Ty
9					-					
10										Log L

Band71_10MHz_QPSK_RB1_0_CH133297

								rept SA	Analyzer - Sw	ectrum	sight Sp	- Key
Frequency	4 Jun 18, 2024 E 1 2 3 4 5 6 E M WWWWW	TRAC	ALIGN AUTO e: RMS	#Avg Typ	NSE:INT			00000 G	5.01500	R Req∶	ter F	xa Cen
Auto Tun	64 GHz 73 dBm		N			#Atten: 3	PNO: Fast FGain:Low	1 3.8 dB	Offset 13		3/div	10 dE
Center Fre 5.015000000 GH										¥1		20.0 10.0
Start Fre 30.000000 M⊦	01-1-10:00 dDm				3	•			^2			-10.0 -20.0 -30.0
Stop Fre 10.000000000 GH											10.00 M	-40.0 -50.0 -60.0
CF Ste 997.000000 MH Auto Ma	.970 GHz 9971 pts)	6.62 ms (Sweep 1			W 3.0 MHz	#VB	×	MHz	1.0	ter 5. s BW	#Re
Freq Offs					Bm	26.51 di -37.87 di -31.73 di	76 MHz 867 GHz 864 GHz	1.3		1	N 1	2 3 4 5
Scale Typ	≣!											6 7 8 9 10
	•) 	K STATUS			ш				'		<

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Band71_10MHz_QPSK_RB1_0_CH133422

									Analyzer - Sw	Spectrum	ysight (Ke
Frequency	MJun 18, 2024 2E 1 2 3 4 5 6 2E M WWWWW	TRAC	ALIGN AUTO e: RMS	#Avg Typ	SE:INT	1	z	0000 GI	5.01500	Freq	ter	en
Auto Tun	03 GHz 87 dBm	nkr3 3.9	N			#Atten: 3	NO: Fast 🔸 Sain:Low	IF .8 dB	f Offset 13		B/div	0 d
Center Fre 5.015000000 GH										×1	\vdash	.0g 20.0 10.0
Start Fre 30.000000 Mi	0 <u>L1 -13:00 dDm</u>					3	•		2			10.0 20.0
Stop Fre 10.00000000 GF		Merch Garant								, and the second	-	10.0 10.0 10.0
CF Ste 997.000000 Mi Auto Ma	.970 GHz 9971 pts)	6.62 ms (3.0 MHz	#VBW		MHz	5.015 W 1.0	s Bl	Re
Freq Offs	DN VALUE	FUNCTI	CTION WIDTH	CTION	m m	26.61 dE -37.99 dE -31.87 dE	9 MHz 4 GHz 3 GHz	1.38		1 f 1 f 1 f	N N N	1 2 3 4 5 6
Scale Typ												7 8 9
Log L					-							10 11
			K STATUS									50

Band71_15MHz_QPSK_RB1_0_CH133197

												Analyzer - Swe			
Frequency	23456	TRACE 1	02:21:43 TF	N AUTO	ALI Type: I	#Avg		SENSE	1	z	0000 GH		RF rea		RL
Auto Tun	MHz	DET F	Mkr3						Trig: F #Atten	iO: Fast ↔ iain:Low	P IFI 8 dB	Offset 13.	Ref	Vdiv	_
Center Fre 5.015000000 GH		-			+							1 30.00 0	×1	Sidiv	og 20.0 10.0
Start Fre 30.000000 MH	19.00 dDm	01.1			+							<u>^2</u>	3		0.0
Stop Fre 10.00000000 GF		a 016-a	-	*****					i di di sett	يەلىرىنى بەلەر يەلىرىنى بەلەر			l	-	0.0
CF Ste 997.000000 MH Auto Ma		n 9.97 Is (99	6.62 ms	eep 1	_	TION	EIN	łz	3.0 M	#VBW	×	MHz	015 (s BW	Res
Freq Offs 0 H		e nove	Pow		Forei			dBm	25.972 -36.83 -26.72	MHz 5 GHz) MHz	66 1.31			N N	1 2 3 4 5
Scale Typ														-	6 7 8 9
Log Li	-														10

Band71_15MHz_QPSK_RB1_0_CH133297

Keysight Spectrum Analyzer - Swept SA				
RL RF 50 Ω DC	SENSE:INT	#Avg Type: RMS	02:28:25 PM Jun 24, 2024 TRACE 1 2 3 4 5 6	Frequency
enter Freq 5.015000000	PNO: Fast ++ Trig: Free Run IFGain:Low #Atten: 30 dB	worg type. Kina	DET P NNNNN	
Ref Offset 13.8 dB 0 dB/div Ref 30.00 dBm			Mkr3 635 MHz -28.91 dBm	Auto Tun
.0g ¥1 20.0				Center Fre
10.0				5.015000000 GH
10.0			0L1 -10.00 dDm	Start Fre
30.0 30.0 2				30.000000 MH
10.0 Martin and and a state of the state of		فالمردية أكافته بأبيهما الألفان الإرادة	alitika aya di kasala kariba k	Stop Fre
50.0				10.000000000 GF
enter 5.015 GHz			Span 9.970 GHz	CF Ste
Res BW 1.0 MHz	#VBW 3.0 MHz		6.62 ms (9971 pts)	997.000000 MH Auto Ma
N 1 f X 1 N 1 f	674 MHz 26.579 dBm 1.367 GHz -36.18 dBm	FUNCTION FUNCTION WDTH	FUNCTION VALUE	
3 N 1 F 4 5	635 MHz -28.91 dBm		=	Freq Offs 0 F
6 7 8 9				Scale Typ
9 10 11				Log Li
sq.		STATUS	•	

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SG

Band71_15MHz_QPSK_RB1_0_CH133397

Keysight Sp												e 🛛
Center F	⊮ req 5.0	50 Ω 015000	P	IO: Fast 🛏	Trig: Free		#Avg T	ALIGN AUTO Ype: RMS	TRA	M Jun 24, 2024 CE 1 2 3 4 5 6 PE M WWWWW ET P N N N N N	Freque	ncy
10 dB/div		ffset 13.6 10.00 dl	dB	iain:Low	#Atten: 3) dB			Mkr3 6	641 MHz 00 dBm		o Tune
20.0 10.0	¥1										Cente 5.0150000	
-10.0 -20.0 -30.0	3-	2								DL1 -13.00 dDm	Sta 30.0000	rt Fre 00 MH
-40.0 -50.0 -60.0	ر میں دیار	(guişine									Sto 10.0000000	pFre 100 G⊦
Center 5. #Res BW	1.0 MH		×	#VB\	N 3.0 MHz	FU	ACTION	Sweep	16.62 ms	9.970 GHz (9971 pts)	997.0000 Auto	F Ste 00 M⊦ Ma
1 N 1 2 N 1 3 N 1 4 5	1 1 1 1		1.36	4 MHz 7 GHz 1 MHz	26.470 dE -37.27 dE -29.00 dE	3m 3m				=	Freq	Offse 0 H
6 7 8 9 10											Scal	е Тур Ці
11 ·								K STAT	us	· ·		_

									Analyzer - Swe		ysight (Key
Frequency	M Jun 18, 2024	TRAI	ALIGN AUTO e: RMS	#Avg T	NSE:INT	1	z	DC 0000 GH		RF Frea	ter	R Cen
Auto Tun	94 GHz	lkr3 3.8	N			#Atten: 3	NO: Fast 🔸 Sain:Low	P	f Offset 13			
	78 dBm	-32.			•			iBm	f 30.00 c	/ Re	B/div	og
Center Fre 5.015000000 GH												20.0 10.0
Start Fre	01-1-10:00 dDm											0.00
30.000000 Mi						3	•		<u>^2</u>			20.0
Stop Fre	Accepted by the		-	-	-	i, pitelogi de la Si			-		-	0.0
10.000000000 Gi												0.0 0.0
CF Ste 997.000000 Mi Auto Mi	.970 GHz 9971 pts)		Sweep 1			3.0 MHz	#VBW			5.015 N 1.0		
<u>Auto</u> Mi	ON VALUE	FUNCTI	CTION WOTH	ICTION F		25.89 di	4 MHz	X 66		TRC SCI	MODE N	
Freq Offs 01	E				Bm	-38.11 dl -32.78 dl	2 GHz 4 GHz	1.34			N	2 3 4 5
Scale Typ	=			-	_							6 7 8 9
Log L					-						-	10 11
	•											

Band71 20MHz QPSK RB1 0 CH133222

Band71_20MHz_QPSK_RB1_0_CH133297

									Analyzer - Sw		
Frequency	M Jun 18, 2024	TRAI	ALIGN AUTO e: RMS	#Avg Ty	ISE:INT	1	z	0000 Gł		req∶	R enter
Auto Tune	46 GHz 23 dBm	/kr3 3.1	N			#Atten: 3	NO: Fast - Gain:Low	1F .8 dB	f Offset 13 f 30.00 (0 dB/div
Center Free 5.015000000 GH										X1	09 20.0
Start Fre 30.000000 MH	0L1-13:00 dDm						♦ ³		2		10.0
Stop Fre 10.000000000 GH	taj <u>aber</u> atina		internation in the second s				الجيرين _ا يديانيا		www		10.0 10.0 10.0
CF Ste 997.000000 MH Auto Ma	.970 GHz 9971 pts)	6.62 ms (Sweep 1		FU	/ 3.0 MHz	#VB	x	MHz	1.0	enter 5 Res BV
Freq Offse					3m	26.20 d -37.07 d -32.23 d	2 MHz 0 GHz 6 GHz	1.37			1 N 2 N 3 N 4 5
Scale Typ										+	6 7 8 9
Log <u>Li</u>					-					+	9
L		5	K STATUS								6

Band71 20MHz QPSK RB1 0 CH133372

SENSE:INT	ALIGN AUTO #Avg Type: RMS	03:04:18 PM Jun 18, 2024 TRACE [1 2 3 4 5 6 TYPE M WWWWW DET P NNNN 1kr3 3.768 GHz -32,20 dBm	Frequency
	N	1kr3 3.768 GHz	A. 44 T. 11
Ţ			
			Center Fre 5.015000000 GF
		0L1-13.00 dDm	Start Fre 30.000000 Mi
	ilantelle san directoriali		Stop Fre 10.00000000 Gi
3.0 MHz	Sweep 1	Span 9.970 GHz 5.62 ms (9971 pts)	
26.38 dBm -38.36 dBm -32.20 dBm	CTION FUNCTION MIDTH	FUNCTION VALUE	Freq Offs
			Scale Typ
			Log <u>L</u>
		m	

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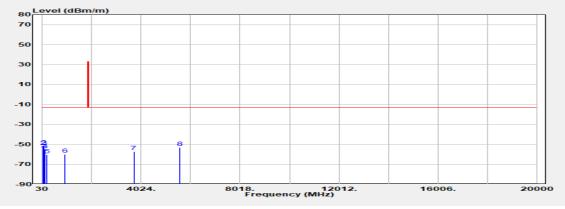
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FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT 5

Report Number	:TERF2405001538E2	Test Site	:SAC C
Operation Mode	:LTE B2	Test Date	:2024-06-20
Test Mode	:Tx	Temp./Humi.	:23.8°C/50%
EUT Pol	:E2 Plane	Antenna Pol.	:Vertical
Test Frequency	:1860 MHz	Engineer	:Howard Huang
Note	:SIM 1		



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
	52.310	-57.50	-45.57	-11.01	-0.92	-13.00	-44.50
	66.860	-52.39	-44.24	-7.12	-1.03	-13.00	-39.39
	84.320	-51.71	-48.86	-1.70	-1.15	-13.00	-38.71
	142.520	-55.28	-51.88	-1.89	-1.51	-13.00	-42.28
	203.630	-60.53	-62.89	4.16	-1.80	-13.00	-47.53
	943.740	-59.89	-59.47	3.40	-3.82	-13.00	-46.89
	3720.000	-57.47	-62.37	12.56	-7.66	-13.00	-44.47
	5580.000	-53.21	-56.96	13.32	-9.57	-13.00	-40.21

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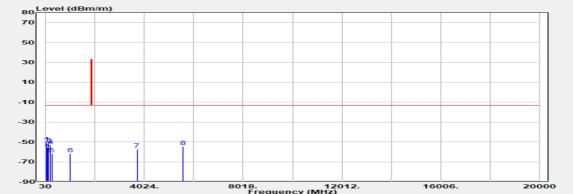
SGS Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

t (886-2) 2299-3279 台灣檢驗科技股份有限公司



Report Number	:TERF2405001538E2
Operation Mode	:LTE B2
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1860 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



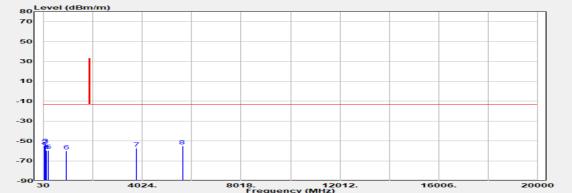
		riequency (wriz)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	69.770	-50.93	-43.58	-6.29	-1.06	-13.00	-37.93	
	84.320	-55.50	-52.65	-1.70	-1.15	-13.00	-42.50	
	142.520	-51.94	-48.54	-1.89	-1.51	-13.00	-38.94	
	201.690	-53.60	-55.88	4.07	-1.79	-13.00	-40.60	
	264.740	-61.75	-63.83	4.14	-2.06	-13.00	-48.75	
	999.030	-62.06	-62.09	3.97	-3.94	-13.00	-49.06	
	3720.000	-57.23	-62.13	12.56	-7.66	-13.00	-44.23	
	5580.000	-54.32	-58.07	13.32	-9.57	-13.00	-41.32	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B2
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1880 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



	riequeicy (mitz)							
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	52.310	-58.11	-46.18	-11.01	-0.92	-13.00	-45.11	
	65.890	-54.30	-45.98	-7.29	-1.03	-13.00	-41.30	
	84.320	-53.59	-50.74	-1.70	-1.15	-13.00	-40.59	
	129.910	-59.40	-56.43	-1.51	-1.46	-13.00	-46.40	
	198.780	-59.42	-61.67	4.03	-1.78	-13.00	-46.42	
	943.740	-59.91	-59.49	3.40	-3.82	-13.00	-46.91	
	3760.000	-57.47	-62.21	12.46	-7.72	-13.00	-44.47	
	5640.000	-54.93	-58.88	13.48	-9.53	-13.00	-41.93	

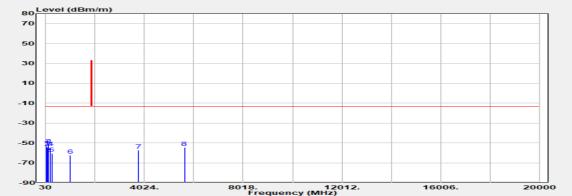
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B2
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1880 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



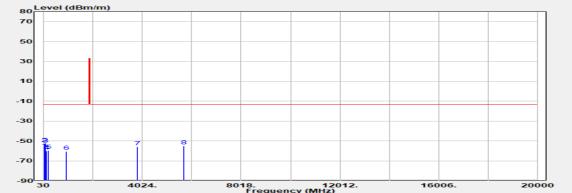
			requercy	(((((()))))))))))))))))))))))))))))))))				
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	70.740	-53.28	-46.16	-6.05	-1.07	-13.00	-40.28	
	87.230	-54.42	-52.22	-1.03	-1.17	-13.00	-41.42	
	137.670	-51.55	-48.43	-1.64	-1.48	-13.00	-38.55	
	199.750	-54.50	-56.72	4.01	-1.79	-13.00	-41.50	
	264.740	-60.39	-62.47	4.14	-2.06	-13.00	-47.39	
	995.150	-62.39	-62.39	3.94	-3.94	-13.00	-49.39	
	3760.000	-57.27	-62.01	12.46	-7.72	-13.00	-44.27	
	5640.000	-54.66	-58.61	13.48	-9.53	-13.00	-41.66	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B2
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1900 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



		riequency (mitz)							
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin		
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_	
	52.310	-58.31	-46.38	-11.01	-0.92	-13.00	-45.31		
	66.860	-52.52	-44.37	-7.12	-1.03	-13.00	-39.52		
	84.320	-53.11	-50.26	-1.70	-1.15	-13.00	-40.11		
	131.850	-60.06	-57.27	-1.33	-1.46	-13.00	-47.06		
	203.630	-59.78	-62.14	4.16	-1.80	-13.00	-46.78		
	948.590	-60.64	-60.16	3.35	-3.83	-13.00	-47.64		
	3800.000	-56.03	-60.55	12.30	-7.78	-13.00	-43.03		
	5700.000	-54.91	-58.71	13.30	-9.50	-13.00	-41.91		

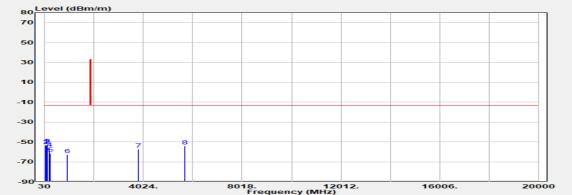
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B2
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1900 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



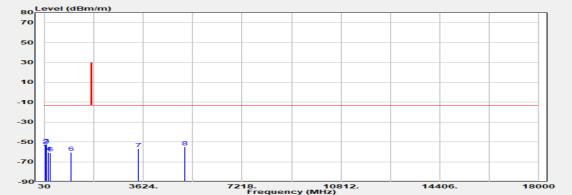
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	69.770	-53.14	-45.79	-6.29	-1.06	-13.00	-40.14	
	84.320	-53.79	-50.94	-1.70	-1.15	-13.00	-40.79	
	134.760	-52.54	-49.47	-1.60	-1.47	-13.00	-39.54	
	202.660	-56.51	-58.83	4.12	-1.80	-13.00	-43.51	
	263.770	-61.25	-63.35	4.15	-2.05	-13.00	-48.25	
	943.740	-63.00	-62.58	3.40	-3.82	-13.00	-50.00	
	3800.000	-57.14	-61.66	12.30	-7.78	-13.00	-44.14	
	5700.000	-54.18	-57.98	13.30	-9.50	-13.00	-41.18	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B4
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1712.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	53.280	-58.16	-46.25	-10.98	-0.93	-13.00	-45.16	
	66.860	-52.99	-44.84	-7.12	-1.03	-13.00	-39.99	
	82.380	-52.86	-49.53	-2.19	-1.14	-13.00	-39.86	
	143.490	-60.60	-57.10	-1.98	-1.52	-13.00	-47.60	
	216.240	-61.15	-64.08	4.81	-1.88	-13.00	-48.15	
	989.330	-60.65	-60.62	3.88	-3.91	-13.00	-47.65	
	3425.000	-57.01	-62.18	12.55	-7.38	-13.00	-44.01	
	5137.500	-54.97	-58.23	12.38	-9.12	-13.00	-41.97	

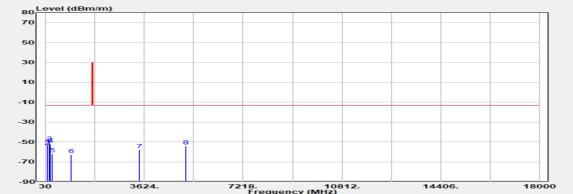
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B4
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1712.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°℃/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



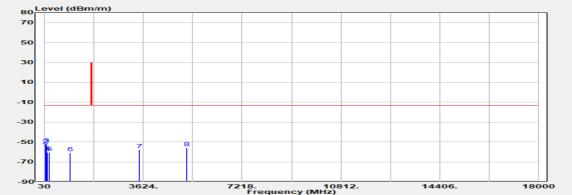
	riequency (Min2)						
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
69.770	-52.60	-45.25	-6.29	-1.06	-13.00	-39.60	
83.350	-54.38	-51.37	-1.87	-1.14	-13.00	-41.38	
140.580	-50.59	-47.32	-1.78	-1.49	-13.00	-37.59	
204.600	-52.30	-54.70	4.20	-1.80	-13.00	-39.30	
263.770	-61.84	-63.94	4.15	-2.05	-13.00	-48.84	
949.560	-62.96	-62.46	3.34	-3.84	-13.00	-49.96	
3425.000	-57.93	-63.10	12.55	-7.38	-13.00	-44.93	
5137.500	-53.95	-57.21	12.38	-9.12	-13.00	-40.95	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B4
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1732.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



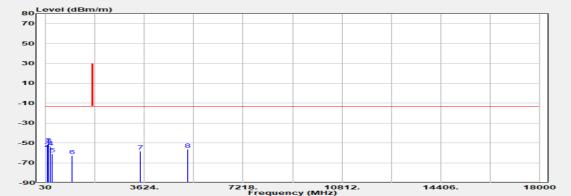
	Trequency (Minz)						
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
52.310	-57.60	-45.67	-11.01	-0.92	-13.00	-44.60	
65.890	-52.95	-44.63	-7.29	-1.03	-13.00	-39.95	
83.350	-52.30	-49.29	-1.87	-1.14	-13.00	-39.30	
129.910	-60.41	-57.44	-1.51	-1.46	-13.00	-47.41	
202.660	-60.47	-62.79	4.12	-1.80	-13.00	-47.47	
948.590	-61.02	-60.54	3.35	-3.83	-13.00	-48.02	
3465.000	-57.84	-62.84	12.44	-7.44	-13.00	-44.84	
5197.500	-55.81	-59.27	12.69	-9.22	-13.00	-42.81	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B4
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1732.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°℃/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	69.770	-51.73	-44.38	-6.29	-1.06	-13.00	-38.73	
	86.260	-55.49	-53.23	-1.10	-1.16	-13.00	-42.49	
	129.910	-50.70	-47.73	-1.51	-1.46	-13.00	-37.70	
	199.750	-53.91	-56.13	4.01	-1.79	-13.00	-40.91	
	263.770	-60.75	-62.85	4.15	-2.05	-13.00	-47.75	
	974.780	-62.79	-62.55	3.65	-3.89	-13.00	-49.79	
	3465.000	-58.30	-63.30	12.44	-7.44	-13.00	-45.30	
	5197.500	-56.51	-59.97	12.69	-9.22	-13.00	-43.51	

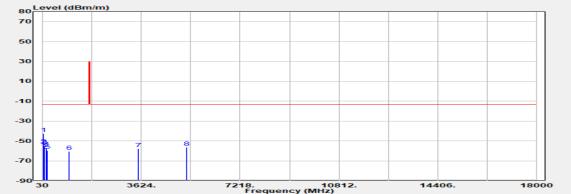
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B4
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1752.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



		riequeitcy (mitz)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	46.490	-42.55	-29.63	-12.07	-0.85	-13.00	-29.55	
	66.860	-54.19	-46.04	-7.12	-1.03	-13.00	-41.19	
	83.350	-54.98	-51.97	-1.87	-1.14	-13.00	-41.98	
	143.490	-56.83	-53.33	-1.98	-1.52	-13.00	-43.83	
	200.720	-59.47	-61.71	4.03	-1.79	-13.00	-46.47	
	981.570	-60.58	-60.45	3.75	-3.88	-13.00	-47.58	
	3505.000	-57.85	-62.64	12.30	-7.51	-13.00	-44.85	
	5257.500	-56.22	-60.10	13.12	-9.24	-13.00	-43.22	

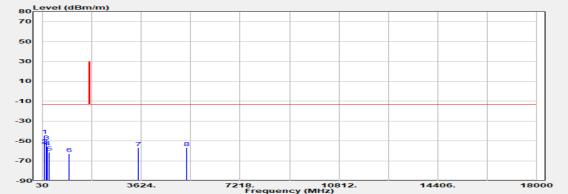
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B4
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1752.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



		requeity (milz)						
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
-								-
	70.740	-44.16	-37.04	-6.05	-1.07	-13.00	-31.16	
	86.260	-54.14	-51.88	-1.10	-1.16	-13.00	-41.14	
	145.430	-50.25	-46.87	-1.85	-1.53	-13.00	-37.25	
	198.780	-55.99	-58.24	4.03	-1.78	-13.00	-42.99	
	262.800	-61.43	-63.54	4.16	-2.05	-13.00	-48.43	
	999.030	-62.87	-62.90	3.97	-3.94	-13.00	-49.87	
	3505.000	-56.60	-61.39	12.30	-7.51	-13.00	-43.60	
	5257.500	-56.68	-60.56	13.12	-9.24	-13.00	-43.68	

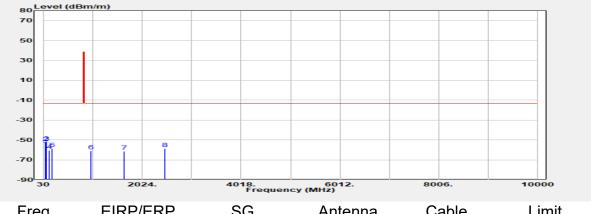
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B5
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:824.7 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



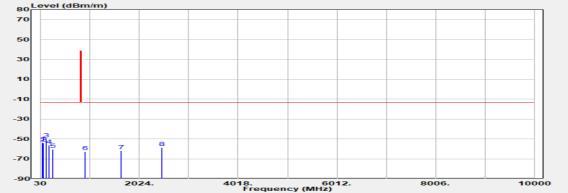
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
-								-
	52.310	-57.35	-45.42	-11.01	-0.92	-13.00	-44.35	
	65.890	-52.59	-44.27	-7.29	-1.03	-13.00	-39.59	
	84.320	-52.24	-49.39	-1.70	-1.15	-13.00	-39.24	
	139.610	-60.42	-57.17	-1.76	-1.49	-13.00	-47.42	
	197.810	-58.86	-60.98	3.90	-1.78	-13.00	-45.86	
	974.780	-61.10	-60.86	3.65	-3.89	-13.00	-48.10	
	1649.400	-61.50	-65.95	9.50	-5.05	-13.00	-48.50	
	2474.100	-58.86	-63.12	10.50	-6.24	-13.00	-45.86	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B5
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:824.7 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



		requercy	(((((((((((((((((((((((((((((((((((((((
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
69.770	-53.63	-46.28	-6.29	-1.06	-13.00	-40.63
84.320	-53.99	-51.14	-1.70	-1.15	-13.00	-40.99
142.520	-50.07	-46.67	-1.89	-1.51	-13.00	-37.07
197.810	-56.30	-58.42	3.90	-1.78	-13.00	-43.30
263.770	-60.58	-62.68	4.15	-2.05	-13.00	-47.58
930.160	-62.59	-62.32	3.55	-3.82	-13.00	-49.59
1649.400	-61.76	-66.21	9.50	-5.05	-13.00	-48.76
2474.100	-58.58	-62.84	10.50	-6.24	-13.00	-45.58

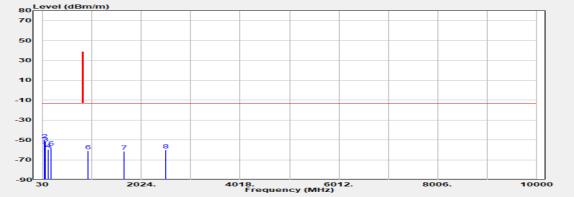
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B5
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:836.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



			• •					
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	53.280	-57.67	-45.76	-10.98	-0.93	-13.00	-44.67	
	61.040	-49.73	-39.77	-8.99	-0.97	-13.00	-36.73	
	86.260	-53.02	-50.76	-1.10	-1.16	-13.00	-40.02	
	133.790	-59.70	-56.66	-1.57	-1.47	-13.00	-46.70	
	198.780	-57.25	-59.50	4.03	-1.78	-13.00	-44.25	
	947.620	-60.89	-60.42	3.36	-3.83	-13.00	-47.89	
	1673.000	-61.28	-66.04	9.83	-5.07	-13.00	-48.28	
	2509.500	-59.90	-64.22	10.61	-6.28	-13.00	-46.90	

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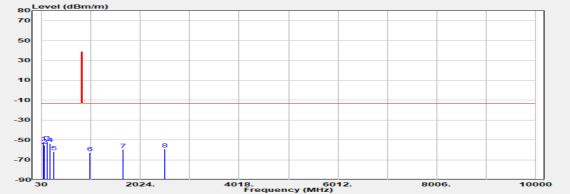
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B5
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:836.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



		riequency	((((12))				
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
							_
69.770	-52.44	-45.09	-6.29	-1.06	-13.00	-39.44	
89.170	-55.60	-53.66	-0.75	-1.19	-13.00	-42.60	
140.580	-51.59	-48.32	-1.78	-1.49	-13.00	-38.59	
195.870	-53.78	-55.72	3.71	-1.77	-13.00	-40.78	
263.770	-61.67	-63.77	4.15	-2.05	-13.00	-48.67	
995.150	-62.61	-62.61	3.94	-3.94	-13.00	-49.61	
1673.000	-59.70	-64.46	9.83	-5.07	-13.00	-46.70	
2509.500	-59.06	-63.38	10.61	-6.28	-13.00	-46.06	

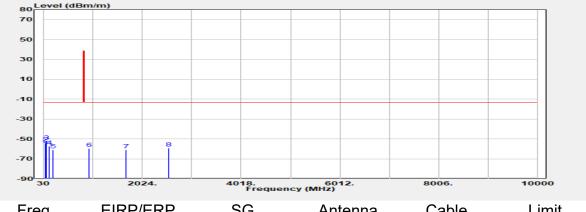
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B5
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:848.3 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin	
•		Output Level	Gain	Loss		0	
N 41 1			-				
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
52.310	-58.09	-46.16	-11.01	-0.92	-13.00	-45.09	
65.890	-53.99	-45.67	-7.29	-1.03	-13.00	-40.99	
83.350	-52.08	-49.07	-1.87	-1.14	-13.00	-39.08	
136.700	-57.27	-54.25	-1.54	-1.48	-13.00	-44.27	
215.270	-60.87	-63.75	4.75	-1.87	-13.00	-47.87	
948.590	-59.75	-59.27	3.35	-3.83	-13.00	-46.75	
1696.600	-60.75	-65.62	9.97	-5.10	-13.00	-47.75	
2544.900	-59.15	-63.45	10.65	-6.35	-13.00	-46.15	

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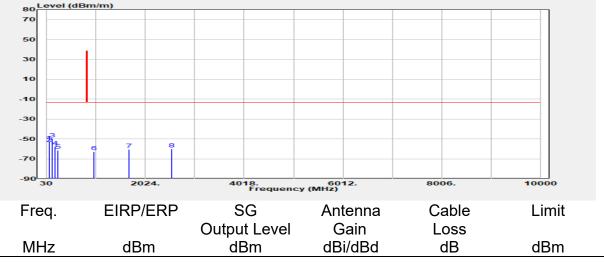
Margin

dB



Report Number	:TERF2405001538E2
Operation Mode	:LTE B5
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:848.3 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



50.70	45.00	0.05	4.07	40.00	
-52.72	-45.60	-6.05	-1.07	-13.00	-39.72
-54.36	-51.51	-1.70	-1.15	-13.00	-41.36
-49.70	-46.30	-1.89	-1.51	-13.00	-36.70
-57.52	-59.60	3.85	-1.77	-13.00	-44.52
-61.33	-63.49	4.19	-2.03	-13.00	-48.33
-62.81	-62.75	3.83	-3.89	-13.00	-49.81
-60.50	-65.37	9.97	-5.10	-13.00	-47.50
-59.85	-64.15	10.65	-6.35	-13.00	-46.85
	-49.70 -57.52 -61.33 -62.81 -60.50	-54.36 -51.51 -49.70 -46.30 -57.52 -59.60 -61.33 -63.49 -62.81 -62.75 -60.50 -65.37	-54.36-51.51-1.70-49.70-46.30-1.89-57.52-59.603.85-61.33-63.494.19-62.81-62.753.83-60.50-65.379.97	-54.36-51.51-1.70-1.15-49.70-46.30-1.89-1.51-57.52-59.603.85-1.77-61.33-63.494.19-2.03-62.81-62.753.83-3.89-60.50-65.379.97-5.10	-54.36-51.51-1.70-1.15-13.00-49.70-46.30-1.89-1.51-13.00-57.52-59.603.85-1.77-13.00-61.33-63.494.19-2.03-13.00-62.81-62.753.83-3.89-13.00-60.50-65.379.97-5.10-13.00

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.

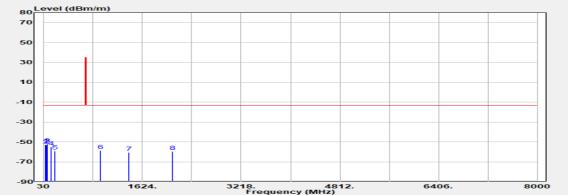
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B12
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:701.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	48.430	-52.64	-39.89	-11.88	-0.87	-13.00	-39.64	
	65.890	-53.02	-44.70	-7.29	-1.03	-13.00	-40.02	
	84.320	-52.08	-49.23	-1.70	-1.15	-13.00	-39.08	
	145.430	-55.05	-51.67	-1.85	-1.53	-13.00	-42.05	
	201.690	-59.09	-61.37	4.07	-1.79	-13.00	-46.09	
	947.620	-58.77	-58.30	3.36	-3.83	-13.00	-45.77	
	1403.000	-60.65	-63.68	7.70	-4.67	-13.00	-47.65	
	2104.500	-59.45	-63.64	9.91	-5.72	-13.00	-46.45	

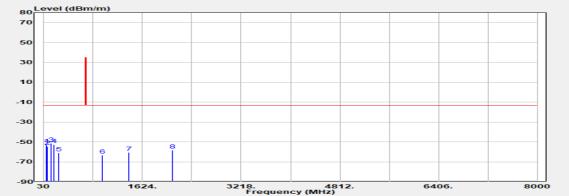
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B12
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:701.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



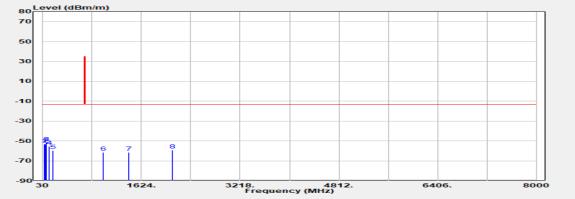
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	70.740	-52.71	-45.59	-6.05	-1.07	-13.00	-39.71	
	84.320	-54.60	-51.75	-1.70	-1.15	-13.00	-41.60	
	142.520	-51.18	-47.78	-1.89	-1.51	-13.00	-38.18	
	195.870	-52.85	-54.79	3.71	-1.77	-13.00	-39.85	
	262.800	-61.02	-63.13	4.16	-2.05	-13.00	-48.02	
	970.900	-63.06	-62.74	3.55	-3.87	-13.00	-50.06	
	1403.000	-60.49	-63.52	7.70	-4.67	-13.00	-47.49	
	2104.500	-58.13	-62.32	9.91	-5.72	-13.00	-45.13	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B12
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:707.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
56.190	-53.33	-42.01	-10.37	-0.95	-13.00	-40.33	
66.860	-52.94	-44.79	-7.12	-1.03	-13.00	-39.94	
84.320	-51.78	-48.93	-1.70	-1.15	-13.00	-38.78	
131.850	-55.23	-52.44	-1.33	-1.46	-13.00	-42.23	
197.810	-59.64	-61.76	3.90	-1.78	-13.00	-46.64	
999.030	-61.33	-61.36	3.97	-3.94	-13.00	-48.33	
1415.000	-61.50	-64.51	7.70	-4.69	-13.00	-48.50	
2122.500	-59.07	-63.13	9.83	-5.76	-13.00	-46.07	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B12
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:707.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	67.830	-53.16	-45.13	-6.99	-1.04	-13.00	-40.16	
	86.260	-55.43	-53.17	-1.10	-1.16	-13.00	-42.43	
	131.850	-50.10	-47.31	-1.33	-1.46	-13.00	-37.10	
	205.570	-54.06	-56.51	4.25	-1.80	-13.00	-41.06	
	261.830	-59.76	-61.89	4.17	-2.04	-13.00	-46.76	
	985.450	-62.97	-62.93	3.85	-3.89	-13.00	-49.97	
	1415.000	-61.80	-64.81	7.70	-4.69	-13.00	-48.80	
	2122.500	-58.79	-62.85	9.83	-5.76	-13.00	-45.79	

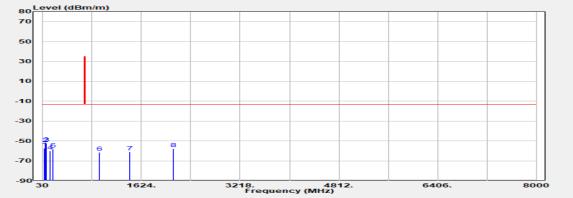
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B12
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:713.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



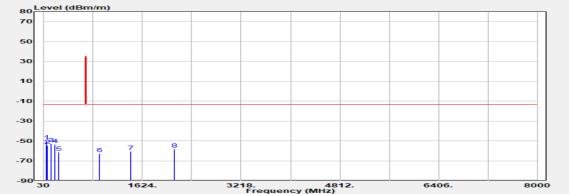
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
50.040	E7 46		11 01	0.00	12.00	44.46
52.310 64.920	-57.46 -52.87	-45.53 -44.06	-11.01 -7.79	-0.92 -1.02	-13.00 -13.00	-44.46 -39.87
84.320	-52.10	-49.25	-1.70	-1.15	-13.00	-39.10
141.550	-60.05	-56.69	-1.86	-1.50	-13.00	-47.05
194.900	-58.27	-60.09	3.58	-1.76	-13.00	-45.27
948.590	-61.23	-60.75	3.35	-3.83	-13.00	-48.23
1427.000	-61.20	-64.26	7.77	-4.71	-13.00	-48.20
2140.500	-57.95	-61.92	9.79	-5.81	-13.00	-44.95

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B12
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:713.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



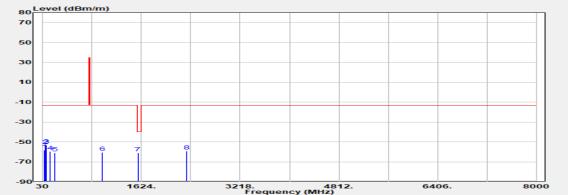
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	69.770	-49.82	-42.47	-6.29	-1.06	-13.00	-36.82	
	87.230	-54.47	-52.27	-1.03	-1.17	-13.00	-41.47	
	144.460	-52.73	-49.27	-1.93	-1.53	-13.00	-39.73	
	201.690	-53.60	-55.88	4.07	-1.79	-13.00	-40.60	
	262.800	-61.61	-63.72	4.16	-2.05	-13.00	-48.61	
	927.250	-62.92	-62.70	3.58	-3.80	-13.00	-49.92	
	1427.000	-60.66	-63.72	7.77	-4.71	-13.00	-47.66	
	2140.500	-58.27	-62.24	9.79	-5.81	-13.00	-45.27	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B13
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:782 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



			requercy	(((((((((((((((((((((((((((((((((((((((
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
	53.280	-58.00	-46.09	-10.98	-0.93	-13.00	-45.00	
	66.860	-53.81	-45.66	-7.12	-1.03	-13.00	-40.81	
	85.290	-53.11	-50.48	-1.48	-1.15	-13.00	-40.11	
	151.250	-59.53	-56.24	-1.75	-1.54	-13.00	-46.53	
	217.210	-60.86	-63.84	4.86	-1.88	-13.00	-47.86	
	982.540	-60.40	-60.29	3.78	-3.89	-13.00	-47.40	
	1564.000	-60.86	-65.01	9.10	-4.95	-40.00	-20.86	
	2346.000	-59.00	-62.80	9.80	-6.00	-13.00	-46.00	

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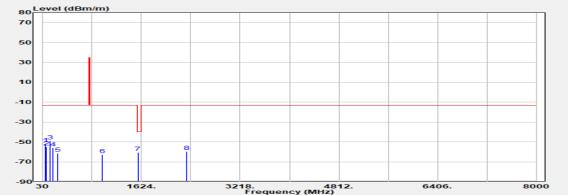
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B13
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:782 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



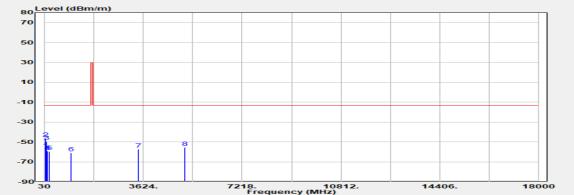
	Trequency (mile)						
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
70.740	-51.85	-44.73	-6.05	-1.07	-13.00	-38.85	
84.320	-55.18	-52.33	-1.70	-1.15	-13.00	-42.18	
144.460	-48.81	-45.35	-1.93	-1.53	-13.00	-35.81	
199.750	-56.05	-58.27	4.01	-1.79	-13.00	-43.05	
262.800	-61.22	-63.33	4.16	-2.05	-13.00	-48.22	
991.270	-62.83	-62.81	3.90	-3.92	-13.00	-49.83	
1564.000	-60.41	-64.56	9.10	-4.95	-40.00	-20.41	
2346.000	-59.41	-63.21	9.80	-6.00	-13.00	-46.41	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B66
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1715 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



			requercy	(((((((((((((((((((((((((((((((((((((((
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	52.310	-57.03	-45.10	-11.01	-0.92	-13.00	-44.03	
	61.040	-46.05	-36.09	-8.99	-0.97	-13.00	-33.05	
	79.470	-49.55	-45.40	-3.02	-1.13	-13.00	-36.55	
	134.760	-58.99	-55.92	-1.60	-1.47	-13.00	-45.99	
	195.870	-59.38	-61.32	3.71	-1.77	-13.00	-46.38	
	975.750	-60.94	-60.72	3.67	-3.89	-13.00	-47.94	
	3430.000	-57.22	-62.38	12.54	-7.38	-13.00	-44.22	
	5145.000	-55.23	-58.49	12.39	-9.13	-13.00	-42.23	

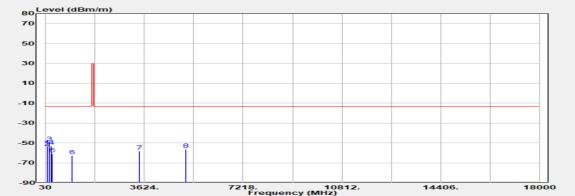
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B66
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1715 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°℃/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



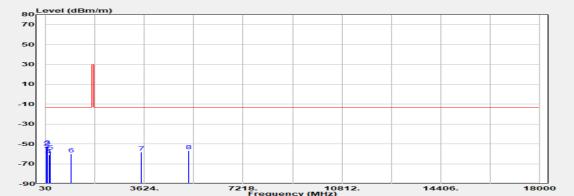
	frequency (mile)						
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
68.800	-53.25	-45.57	-6.63	-1.05	-13.00	-40.25	
86.260	-54.35	-52.09	-1.10	-1.16	-13.00	-41.35	
142.520	-49.44	-46.04	-1.89	-1.51	-13.00	-36.44	
217.210	-53.22	-56.20	4.86	-1.88	-13.00	-40.22	
263.770	-61.14	-63.24	4.15	-2.05	-13.00	-48.14	
983.510	-62.82	-62.74	3.81	-3.89	-13.00	-49.82	
3430.000	-58.04	-63.20	12.54	-7.38	-13.00	-45.04	
5145.000	-56.17	-59.43	12.39	-9.13	-13.00	-43.17	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B66
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1745 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



		requency (wriz)							
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin		
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB		
_								-	
	52.310	-58.03	-46.10	-11.01	-0.92	-13.00	-45.03		
	65.890	-52.98	-44.66	-7.29	-1.03	-13.00	-39.98		
	81.410	-52.34	-48.85	-2.35	-1.14	-13.00	-39.34		
	137.670	-61.19	-58.07	-1.64	-1.48	-13.00	-48.19		
	200.720	-57.40	-59.64	4.03	-1.79	-13.00	-44.40		
	947.620	-60.19	-59.72	3.36	-3.83	-13.00	-47.19		
	3490.000	-58.02	-62.87	12.34	-7.49	-13.00	-45.02		
	5235.000	-56.68	-60.42	12.98	-9.24	-13.00	-43.68		

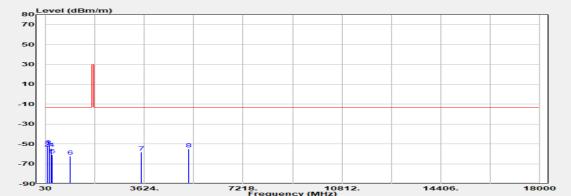
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B66
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1745 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



	Frequency (Mnz)						
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
69.770	-52.33	-44.98	-6.29	-1.06	-13.00	-39.33	
86.260	-54.22	-51.96	-1.10	-1.16	-13.00	-41.22	
137.670	-52.32	-49.20	-1.64	-1.48	-13.00	-39.32	
212.360	-54.36	-57.14	4.62	-1.84	-13.00	-41.36	
264.740	-60.90	-62.98	4.14	-2.06	-13.00	-47.90	
928.220	-62.44	-62.20	3.57	-3.81	-13.00	-49.44	
3490.000	-58.03	-62.88	12.34	-7.49	-13.00	-45.03	
5235.000	-54.79	-58.53	12.98	-9.24	-13.00	-41.79	

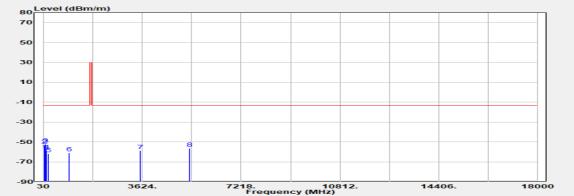
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B66
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1775 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



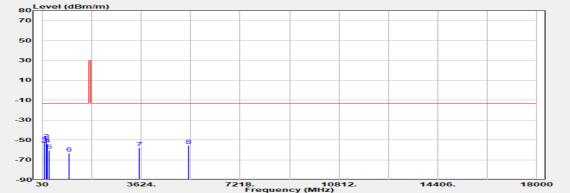
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
-	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	52.310	-58.64	-46.71	-11.01	-0.92	-13.00	-45.64	
	64.920	-52.97	-44.16	-7.79	-1.02	-13.00	-39.97	
	85.290	-52.02	-49.39	-1.48	-1.15	-13.00	-39.02	
	135.730	-58.90	-55.79	-1.64	-1.47	-13.00	-45.90	
	200.720	-61.74	-63.98	4.03	-1.79	-13.00	-48.74	
	948.590	-60.93	-60.45	3.35	-3.83	-13.00	-47.93	
	3550.000	-58.87	-63.66	12.30	-7.51	-13.00	-45.87	
	5325.000	-56.41	-60.36	13.20	-9.25	-13.00	-43.41	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B66
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:1775 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



			requercy	(((((()))))))))))))))))))))))))))))))))				
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	69.770	-51.91	-44.56	-6.29	-1.06	-13.00	-38.91	
	86.260	-54.05	-51.79	-1.10	-1.16	-13.00	-41.05	
	140.580	-49.82	-46.55	-1.78	-1.49	-13.00	-36.82	
	196.840	-53.87	-55.95	3.85	-1.77	-13.00	-40.87	
	264.740	-60.32	-62.40	4.14	-2.06	-13.00	-47.32	
	971.870	-63.26	-62.95	3.57	-3.88	-13.00	-50.26	
	3550.000	-57.79	-62.58	12.30	-7.51	-13.00	-44.79	
	5325.000	-55.41	-59.36	13.20	-9.25	-13.00	-42.41	

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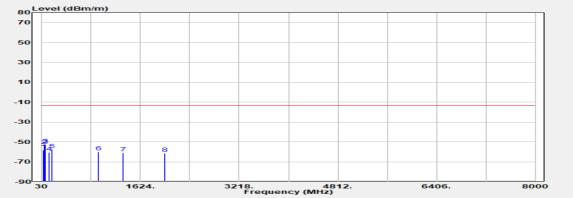
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B71
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:673 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB
53.280	-58.19	-46.28	-10.98	-0.93	-13.00	-45.19
66.860	-53.55	-45.40	-7.12	-1.03	-13.00	-40.55
85.290	-52.50	-49.87	-1.48	-1.15	-13.00	-39.50
141.550	-60.30	-56.94	-1.86	-1.50	-13.00	-47.30
197.810	-57.69	-59.81	3.90	-1.78	-13.00	-44.69
948.590	-60.18	-59.70	3.35	-3.83	-13.00	-47.18
1346.000	-61.06	-64.06	7.56	-4.56	-13.00	-48.06
2019.000	-61.30	-65.94	10.22	-5.58	-13.00	-48.30

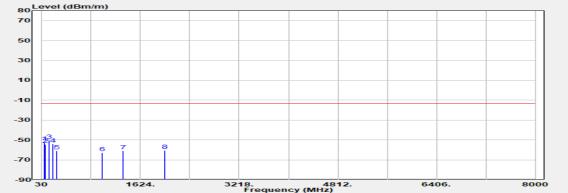
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B71
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:673 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°℃/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



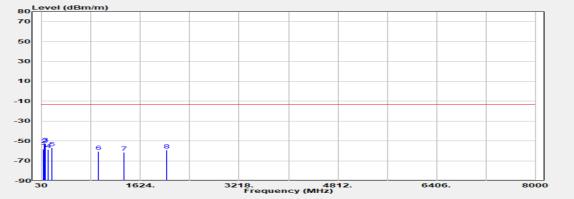
Trequency (winz)								
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	69.770	-52.04	-44.69	-6.29	-1.06	-13.00	-39.04	
	86.260	-54.36	-52.10	-1.10	-1.16	-13.00	-41.36	
	139.610	-50.34	-47.09	-1.76	-1.49	-13.00	-37.34	
	214.300	-54.27	-57.11	4.70	-1.86	-13.00	-41.27	
	264.740	-60.96	-63.04	4.14	-2.06	-13.00	-47.96	
	998.060	-62.73	-62.75	3.96	-3.94	-13.00	-49.73	
	1346.000	-60.76	-63.76	7.56	-4.56	-13.00	-47.76	
	2019.000	-60.67	-65.31	10.22	-5.58	-13.00	-47.67	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B71
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:680.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



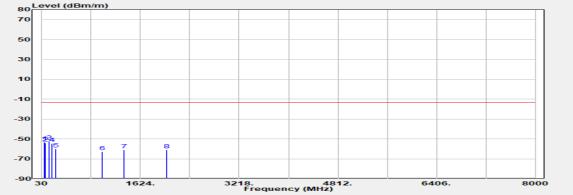
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	_
							-
52.310	-58.08	-46.15	-11.01	-0.92	-13.00	-45.08	
66.860	-53.60	-45.45	-7.12	-1.03	-13.00	-40.60	
84.320	-52.89	-50.04	-1.70	-1.15	-13.00	-39.89	
134.760	-58.55	-55.48	-1.60	-1.47	-13.00	-45.55	
196.840	-56.91	-58.99	3.85	-1.77	-13.00	-43.91	
947.620	-60.39	-59.92	3.36	-3.83	-13.00	-47.39	
1361.000	-61.36	-64.48	7.71	-4.59	-13.00	-48.36	
2041.500	-59.32	-63.99	10.30	-5.63	-13.00	-46.32	

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Report Number	:TERF2405001538E2
Operation Mode	:LTE B71
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:680.5 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



			• •					
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	69.770	-53.12	-45.77	-6.29	-1.06	-13.00	-40.12	
	84.320	-53.87	-51.02	-1.70	-1.15	-13.00	-40.87	
	144.460	-52.37	-48.91	-1.93	-1.53	-13.00	-39.37	
	194.900	-54.70	-56.52	3.58	-1.76	-13.00	-41.70	
	258.920	-60.22	-62.38	4.19	-2.03	-13.00	-47.22	
	998.060	-63.02	-63.04	3.96	-3.94	-13.00	-50.02	
	1361.000	-61.11	-64.23	7.71	-4.59	-13.00	-48.11	
	2041.500	-61.01	-65.68	10.30	-5.63	-13.00	-48.01	

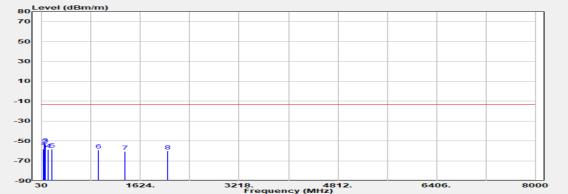
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B71
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:688 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang



		requercy	(((((((((((((((((((((((((((((((((((((((
Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
52.310	-58.22	-46.29	-11.01	-0.92	-13.00	-45.22	
67.830	-53.97	-45.94	-6.99	-1.04	-13.00	-40.97	
84.320	-53.28	-50.43	-1.70	-1.15	-13.00	-40.28	
130.880	-58.71	-55.77	-1.48	-1.46	-13.00	-45.71	
198.780	-58.21	-60.46	4.03	-1.78	-13.00	-45.21	
948.590	-59.13	-58.65	3.35	-3.83	-13.00	-46.13	
1376.000	-60.72	-63.90	7.80	-4.62	-13.00	-47.72	
2064.000	-60.14	-64.63	10.16	-5.67	-13.00	-47.14	

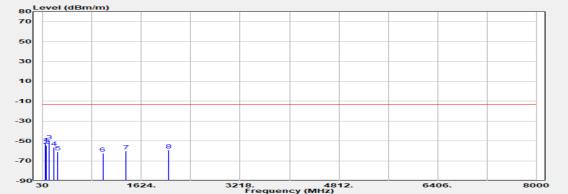
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B71
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:688 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang



	riequency (winz)							
	Freq.	EIRP/ERP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin	
_	MHz	dBm	dBm	dBi/dBd	dB	dBm	dB	
	69.770	-52.65	-45.30	-6.29	-1.06	-13.00	-39.65	
	89.170	-54.45	-52.51	-0.75	-1.19	-13.00	-41.45	
	128.940	-50.01	-47.34	-1.22	-1.45	-13.00	-37.01	
	212.360	-56.15	-58.93	4.62	-1.84	-13.00	-43.15	
	263.770	-60.93	-63.03	4.15	-2.05	-13.00	-47.93	
	997.090	-62.53	-62.55	3.96	-3.94	-13.00	-49.53	
	1376.000	-60.17	-63.35	7.80	-4.62	-13.00	-47.17	
	2064.000	-59.03	-63.52	10.16	-5.67	-13.00	-46.03	

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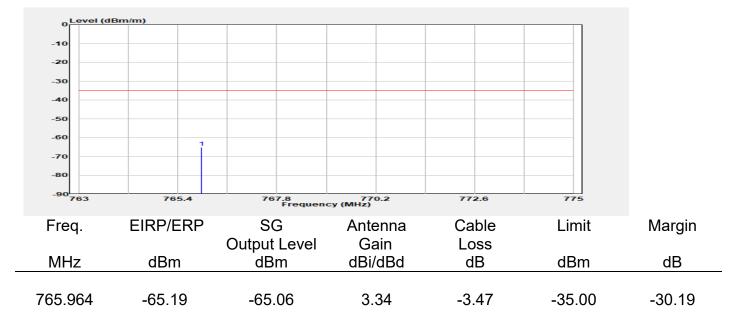
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Report Number	:TERF2405001538E2
Operation Mode	:LTE B13
Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:782 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang

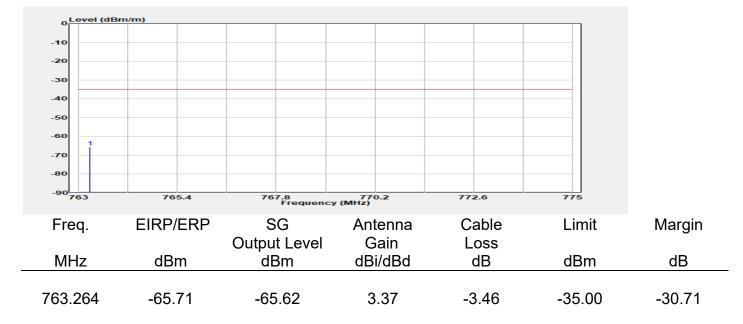


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Test Mode	:Tx
EUT Pol	:E2 Plane
Test Frequency	:782 MHz
Note	:SIM 1

Test Site	:SAC C
Test Date	:2024-06-20
Temp./Humi.	:23.8°℃/50%
Antenna Pol.	:Horizontal
Engineer	:Howard Huang

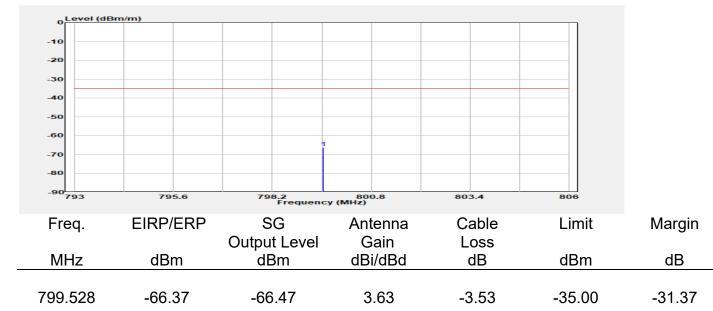


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Test Site	:SAC C
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Temp./Humi.	:23.8°C/50%
Antenna Pol.	:Vertical
Engineer	:Howard Huang

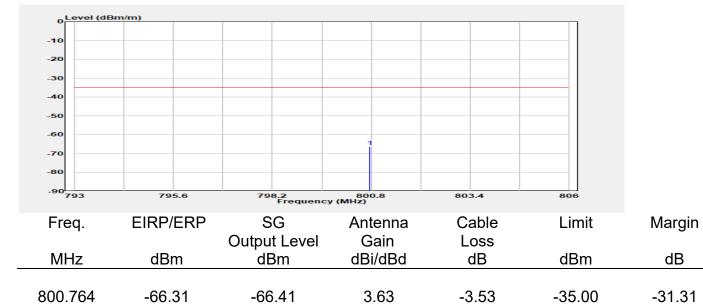


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Engineer	:Howard Huang



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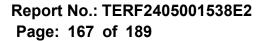


6 FREQUENCY STABILITY MEASUREMENT

Note: The DC Power is rated 3.7V dc.				
Reference Freq.:	LTE B2 Mid Channel		1880.0000	MHz 10M QPSK CH 18900
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit
	Fre	eq. ERROR vs. VO	OLTAGE	
4.255	20	1879.999999	-0.0004	
3.7	20	1879.999995	-0.0026	
3.145	20	1879.999996	-0.0024	+/- 2.5 ppm
2.2 (End Point)	20	1880.000004	0.0021	
		req. ERROR vs.	Temp.	
3.7	-30	1880.000018	0.0097	
3.7	-20	1879.999995	-0.0027	
3.7	-10	1880.000000	0.0001	
3.7	0	1880.000017	0.0091	
3.7	10	1880.000018	0.0096	+/- 2.5 ppm
3.7	20	1880.000014	0.0073	
3.7	30	1879.999992	-0.0041	
3.7	40	1879.999981	-0.0099	
3.7	50	1879.999987	-0.0071	

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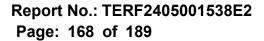




Reference Freq.:		E B4 Mid hannel	1732.5000	MHz 10M QPSK CH 20175	
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit	
	Fre	eq. ERROR vs. VO	DLTAGE		
4.255	20	1732.499999	-0.0003		
3.7	20	1732.499998	-0.0009		
3.145	20	1732.499996	-0.0025	+/- 2.5 ppm	
2.2 (End Point)	20	1732.500019	0.0107		
	F	req. ERROR vs.	Temp.		
3.7	-30	1732.500013	0.0073		
3.7	-20	1732.499988	-0.0069		
3.7	-10	1732.500004	0.0022		
3.7	0	1732.499983	-0.0098		
3.7	10	1732.500003	0.0016	+/- 2.5 ppm	
3.7	20	1732.499991	-0.0052		
3.7	30	1732.499995	-0.0029		
3.7	40	1732.500017	0.0096		
3.7	50	1732.499989	-0.0062		
Reference Freq.:		B5 Mid nannel	836.5000	MHz 10M QPSK CH 20525	
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
	-	eq. ERROR vs. V(8 8		
4.255	20	836.500007	0.0087		
3.7	20	836.499991	-0.0112		
3.145	20	836.499986	-0.0172	+/- 2.5 ppm	
2.2 (End Point)	20	836.500015	0.0178		
Freq. ERROR vs. Temp.					
3.7	-30	836.500010	0.0116		
3.7	-20	836.499991	-0.0104		
3.7	-10	836.500014	0.0166		
3.7	0	836.499980	-0.0239		
3.7	10	836.499994	-0.0068	+/- 2.5 ppm	
3.7	20	836.499998	-0.0029		
3.7	30	836.499981	-0.0226		
3.7	40	836.500015	0.0181		
3.7	50	836.499993	-0.0086		

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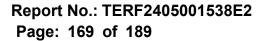
Reference Freq.:		B12 Mid nannel	707.5000	MHz 10M QPSK CH 23095	
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
	Fre	eq. ERROR vs. VO	DLTAGE		
4.255	20	707.500019	0.0263		
3.7	20	707.500002	0.0031		
3.145	20	707.499984	-0.0232	+/- 2.5 ppm	
2.2 (End Point)	20	707.500010	0.0141		
	F	req. ERROR vs.	Temp.		
3.7	-30	707.500004	0.0052		
3.7	-20	707.500004	0.0057		
3.7	-10	707.500010	0.0136		
3.7	0	707.500019	0.0261		
3.7	10	707.500000	0.0006	+/- 2.5 ppm	
3.7	20	707.500015	0.0211		
3.7	30	707.499986	-0.0196		
3.7	40	707.500010	0.0144		
3.7	50	707.499988	-0.0164		
Deference Fred :	LTE	B13 Mid	782.0000	MHz 10M QPSK CH 23230	
Reference Freq.:	C	hannel	/82.0000		
Power Supply Vdc	Temp. (℃)	Freq. (MHz)	(ppm)	Limit	
	Fre	eq. ERROR vs. VC	DLTAGE	-	
4.255	20	782.000009	0.0118		
3.7	20	781.999992	-0.0107		
3.145	20	781.999993	-0.0090	+/- 2.5 ppm	
2.2	20	782.000002	0.0024		
(End Point)	20	702.000002	0.0024		
Freq. ERROR vs. Temp.					
3.7	-30	782.000007	0.0087		
3.7	-20	781.999986	-0.0179		
3.7	-10	781.999981	-0.0242		
3.7	0	782.000001	0.0017		
3.7	10	782.000017	0.0217	+/- 2.5 ppm	
3.7	20	782.000017	0.0216		
3.7	30	782.000014	0.0180		
3.7	40	782.000004	0.0052		
3.7	50	782.000012	0.0151		

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Reference Freq.:		B66 Mid hannel	1745.0000	MHz 10M QPSK CH 132322	
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
	-	eq. ERROR vs. V	<i>,</i>	Linit	
4.255	20	1744.999999	-0.0008		
3.7	20	1744.999984	-0.0090		
3.145	20	1745.000005	0.0027	+/- 2.5 ppm	
2.2	20	1744.999996	-0.0021		
(End Point)	20	1744.999990	-0.0021		
		Freq. ERROR vs.	Temp.		
3.7	-30	1745.000016	0.0092		
3.7	-20	1744.999997	-0.0016		
3.7	-10	1745.000002	0.0011		
3.7	0	1744.999995	-0.0028		
3.7	10	1745.000015	0.0084	+/- 2.5 ppm	
3.7	20	1745.000007	0.0042		
3.7	30	1745.000019	0.0108		
3.7	40	1745.000008	0.0044		
3.7	50	1744.999981	-0.0112		
Reference Freq.:		B71 Mid hannel	680.5000	MHz 10M QPSK CH 133297	
Power Supply Vdc	Temp. (°C)	Freq. (MHz)	(ppm)	Limit	
Freq. ERROR vs. VOLTAGE				Linin	
4.255	20	680.500012	0.0172		
3.7	20	680.500014	0.0198		
3.145	20	680.499984	-0.0235	+/- 2.5 ppm	
2.2				, <u> </u>	
(End Point)	20	680.500015	0.0225		
Freq. ERROR vs. Temp.					
3.7	-30	680.499989	-0.0168		
3.7	-20	680.499981	-0.0281		
3.7	-10	680.500007	0.0109		
3.7	0	680.500017	0.0245		
3.7	10	680.499987	-0.0193	+/- 2.5 ppm	
3.7	20	680.500002	0.0029		
3.7	30	680.500008	0.0112		
3.7	40	680.500007	0.0098		
3.7	50	680.499997	-0.0051		

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7 PEAK TO AVERAGE RATIO

	LTE BAND 2										
Char	nnel bandv	vidth: 1.4M	Hz	Cha	annel band	width: 3MH	Ηz				
Freq.	PAPR		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	CH	64QAM	Limit	(MHz)	СП	64QAM	Limit				
1850.7	18607	6.67	13	1851.5	18615	6.28	13				
1880.0	18900	6.96	13	1880.0	18900	7.15	13				
1909.3	19193	6.36	13	1908.5	19185	6.91	13				

	LTE BAND 2										
Cha	annel band	width: 5MH	lz	Channel bandwidth: 10MHz							
Freq.	CH PAPR		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СП	64QAM	Limit	(MHz)	СП	64QAM	Limit				
1852.5	18625	6.24	13	1855.0	18650	5.67	13				
1880.0	18900	5.56	13	1880.0	18900	6.03	13				
1907.5	19175	6.02	13	1905.0	19150	5.87	13				

	LTE BAND 2										
Cha	nnel bandv	width: 15M	Hz	Cha	nnel bandv	width: 20M	Hz				
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СП	64QAM	Limit	(MHz)	Сп	64QAM	Limit				
1857.5	18675	6.08	13	1860.0	18700	6.07	13				
1880.0	18900	6.07	13	1880.0	18900	6.01	13				
1902.5	19125	6.08	13	1900.0	19100	6.02	13				

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	LTE BAND 4										
Char	nnel bandv	vidth: 1.4M	lHz	Cha	annel band	width: 3MF	łz				
Freq.	CH PAPR		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СП	64QAM	Limit	(MHz)	СП	64QAM	Limit				
1710.7	19957	6.68	13	1711.5	19965	6.86	13				
1732.5	20175	6.84	13	1732.5	20175	6.60	13				
1754.3	20393	6.03	13	1753.5	20385	6.84	13				

	LTE BAND 4										
Cha	annel band	width: 5MF	Ηz	Cha	nnel bandv	width: 10M	Hz				
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СП	64QAM	Limit	(MHz)	СП	64QAM	Limit				
1712.5	19975	6.46	13	1715.0	20000	6.75	13				
1732.5	20175	6.77	13	1732.5	20175	6.43	13				
1752.5	20375	6.64	13	1750.0	20350	6.67	13				

			LTE B	AND 4				
Cha	nnel band	width: 15M	Hz	Cha	nnel band	width: 20M	Hz	
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR	(dB)	
(MHz)	СП	64QAM	Limit	(MHz)	СП	64QAM	Limit	
1717.5	20025	5.73	13	1720.0	20050	6.42	13	
1732.5	20175	6.23	13	1732.5	20175	6.27	13	
1747.5	20325	5.56	13	1745.0	20300	6.79	13	
			LTE B	AND 5				
Char	nnel bandv	vidth: 1.4M	lHz	Cha	annel band	width: 3MH	Ηz	
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)		
(MHz)	01	64QAM	Limit	(MHz)	01	64QAM	Limit	
824.7	20407	6.34	13	825.5	20415	6.43	13	
836.5	20525	6.63	13	836.5	20525	6.40	13	
848.3	20643	6.33	13	847.5	20635	6.28	13	

	LTE BAND 5										
Cha	annel band	width: 5MF	Ηz	Cha	nnel bandv	width: 10M	Hz				
Freq.	PAPR		(dB)	Freq.	СН	PAPR (dB)					
(MHz)	СН	64QAM	Limit	(MHz)	СП	64QAM	Limit				
826.5	20425	6.60	13	829.0	20450	6.82	13				
836.5	20525	6.79	13	836.5	20525	6.38	13				
846.5	20625	6.57	13	844.0	20600	6.56	13				

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	LTE BAND 12										
Char	nnel bandv	vidth: 1.4M	lHz	Channel bandwidth: 3MHz							
Freq.	CH PAPE		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СП	64QAM	Limit	(MHz)	СП	64QAM	Limit				
699.7	23017	5.96	13	700.5	23025	6.90	13				
707.5	23095	6.20	13	707.5	23095	6.62	13				
715.3	23173	6.86	13	714.5	23165	6.54	13				

	LTE BAND 12										
Cha	annel band	width: 5MH	Ηz	Cha	nnel band	width: 10M	Hz				
Freq.	CH PAPF		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СП	64QAM	Limit	(MHz)	СП	64QAM	Limit				
701.5	23035	6.53	13	704.0	23060	6.35	13				
707.5	23095	6.81	13	707.5	23095	6.39	13				
713.5	23155	6.38	13	711.0	23130	6.43	13				
			LTE B	AND 13							
Cha	annel band	width: 5MH	Ηz	Channel bandwidth: 10MHz							
Freq.	СН	PAPR	(dB)	Freq.	СН	(dB)					
(MHz)	0H	64QAM	Limit	(MHz)	01	64QAM	Limit				
779.5	23205	6.18	13								
782.0	23230	7.17	13	782.0	23230	6.86	13				
784.5	23255	6.68	13								

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	LTE BAND 66										
Channel bandwidth: 1.4MHz				Cha	annel band	width: 3MH	łz				
Freq.	PAPR		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СН	64QAM	Limit	(MHz)	СП	64QAM	Limit				
1710.7	131979	6.94	13	1711.5	131987	6.38	13				
1745.0	132322	6.84	13	1745.0	132322	6.34	13				
1779.3	132665	7.06	13	1778.5	132657	6.48	13				

	LTE BAND 66										
Cha	annel band	width: 5MF	Ηz	Cha	nnel bandv	width: 10M	Hz				
Freq.	PAPR		(dB)	Freq.	СН	PAPR	(dB)				
(MHz)	СН	64QAM	Limit	(MHz)	СП	64QAM	Limit				
1712.5	131997	6.81	13	1715.0	132022	6.69	13				
1745.0	132322	6.37	13	1745.0	132322	6.43	13				
1777.5	132647	6.67	13	1775.0	132622	6.84	13				

			LTE B	AND 66			
Cha	nnel bandv	width: 15M	Hz	Cha	nnel band	width: 20M	Hz
Freq.	СН	PAPR	(dB)	Freq.		PAPR	(dB)
(MHz)	СП	64QAM	Limit	(MHz)	СН	64QAM	Limit
1717.5	132047	6.14	13	1720.0	132072	6.78	13
1745.0	132322	5.70	13	1745.0	132322	6.31	13
1772.5	132597	6.58	13	1770.0	132572	6.84	13
			LTE B/	and 71			
Cha	annel band	width: 5MH	Ηz	Cha	nnel band	width: 10M	Hz
Freq.	СН	PAPR	(dB)	Freq.	СН	PAPR (dB)	
(MHz)	01	64QAM	Limit	(MHz)	GI	64QAM	Limit
665.5	133147	6.53	13	668.0	133172	6.30	13
680.5	133297	6.73	13	680.5	133297	6.65	13
695.5	133447	6.71	13	693.0	133422	6.77	13

LTE BAND 71							
Channel bandwidth: 15MHz			Channel bandwidth: 20MHz				
Freq.	СН	PAPR	(dB)	Freq.	PAPR (dB)		(dB)
(MHz)	СП	64QAM	Limit	(MHz)	СН	64QAM	Limit
670.5	133197	6.69	13	673.0	133222	6.49	13
680.5	133297	6.35	13	680.5	133297	6.31	13
690.5	133397	6.36	13	688.0	133372	6.43	13

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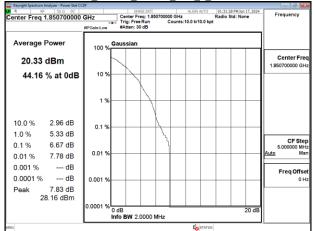
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Band2 1.4MHz 64QAM RB6 0 CH18607

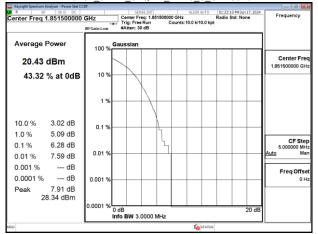


Band2 1.4MHz 64QAM RB6 0 CH18900 SENSE:INT ALIGN AUTO 01:32:55 PM.Jun 17. Center Freq: 1.880000000 GHz Radio Std: None Trig: Free Run Counts:10.0 k/10.0 kpt Center Freq 1.880000000 GHz Frequency Average Power Gaussiar 100 Center Fre 20 06 dBm 10 42.13 % at 0dB 19 10.0 % 3.15 dB 0.1 5.34 dB 1.0 % CF Step 0.1 % 6.96 dB 5.000 0.01 0.01 % 7.23 dB --- dB 0.001 % Freq Offse 0.0001 % ---- dB 0.001 Peak 7 26 dB 27.32 dBm .0001 % 0 dB Info BW 2.0000 MHz

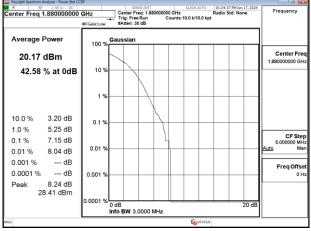
Band2 1.4MHz 64QAM RB6 0 CH19193

Keysight Spectrum Analyzer - Power Stat CC		
Center Freq 1.909300000	SENSE INT ALIGN AUTO 01:34:55 PM Jun 17, 202 GHz Center Freq: 1.909300000 GHz Radio Std: None Trig: Freq Run Counts: 10.0 k/10.0 kpt #FGain:Low #Atten: 30 dB	Frequency
Average Power	100 % Gaussian	- J
20.02 dBm		Center Freq 1.909300000 GHz
43.16 % at 0dB	1 %	-
10.0 % 3.02 dB 1.0 % 5.38 dB	0.1 %	_
0.1 % 6.36 dB 0.01 % 6.71 dB	0.01 %	CF Step 5.000000 MH <u>Auto</u> Mar
0.001 % dB 0.0001 % dB Peak 6.79 dB	0.001 %	Freq Offset 0 Hz
26.81 dBm	0.0001 % 0 dB 20 d Info BW 2.0000 MHz 20 d	B
MSG	to status	

Band2 3MHz 64QAM RB15 0 CH18615



Band2 3MHz 64QAM RB15 0 CH18900



Band2 3MHz 64QAM RB15 0 CH19185

Keysight Spectrum Analyzer - Power Stat Cl	CDF			
R RE 50 Ω DC Center Freq 1.908500000	GHz	SENSE:INT ALIG	N AUTO 01:26:38 PM Jun 17, 2024 Radio Std: None	Frequency
	#IFGain:Low	Trig: Free Run Counts:10.0 k #Atten: 30 dB	/10.0 kpt	
Average Power	100 %	aussian		
20.03 dBm				Center Fr 1.908500000 G
43.20 % at 0dB	10 %			1.506500000 6
	1 %-			
10.0 % 3.07 dB	0.1 %			
0.1 % 6.91 dB 0.01 % 7.59 dB	0.01 %			CF St 5.000000 M Auto N
0.001 % dB 0.0001 % dB	0.001 %			Freq Offs 0
Peak 7.60 dB 27.63 dBm				
		dB Ifo BW 3.0000 MHz	20 dB	
ASG	-	ú	STATUS	

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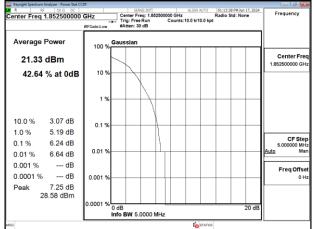
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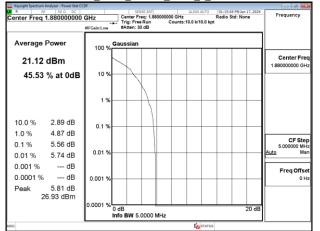
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Band2 5MHz 64QAM RB25 0 CH18625



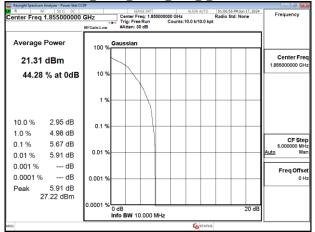
Band2 5MHz 64QAM RB25 0 CH18900



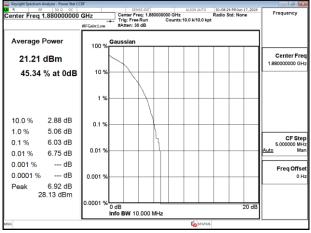
Band2 5MHz 64QAM RB25 0 CH19175

Keysight Spectrum Analyzer - Power Stat CC	DF		
Center Freq 1.907500000	GHz #IFGain:Low	SENSE:INT ALIGN AUTO [01:17:86 PM3an 17,2024 Center Freq: 1.907500000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt #Atten: 30 dB	uency
Average Power	100 %	Gaussian	
21.04 dBm			nter Freq
44.71 % at 0dB	10 %		
	1 %		
10.0 % 2.90 dB 1.0 % 5.07 dB	0.1 %		
0.1 % 6.02 dB 0.01 % 6.34 dB	0.01 %	5.00	CF Step 0000 MH Mar
0.001 % dB 0.0001 % dB Peak 6.34 dB	0.001 %		e q Offse 0 Ha
27.38 dBm	0.0001 %	0 dB 20 dB	
MSG	L	tio status	

Band2_10MHz_64QAM_RB50_0_CH18650



Band2 10MHz 64QAM RB50 0 CH18900



Band2 10MHz 64QAM RB50 0 CH19150

Keysight Spectrum Analyzer - Power Stat CC	CDF		
R RF 50 Ω DC			25 PM Jun 17, 2024 Std: None Frequency
Center Freq 1.905000000	GHZ #IFGain:Low	Trig: Free Run Counts:10.0 k/10.0 kpt #Atten: 30 dB	sta: wone
Average Power	100 %	aussian	
21.15 dBm			Center Fre 1.905000000 GF
44.09 % at 0dB	10 %		
	1 %—		
10.0 % 3.00 dB 1.0 % 4.91 dB	0.1 %-		
0.1 % 5.87 dB 0.01 % 6.61 dB	0.01 %		CF Str 5.000000 M <u>Auto</u> M
0.001 % dB 0.0001 % dB	0.001 %—		Freq Offs
Peak 6.61 dB 27.76 dBm	0.0001 % 0	dB	20 dB
ASP	l Ir	To BW 10.000 MHz	

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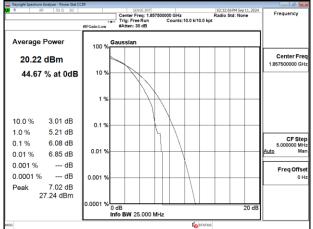
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Freq Offse



Band2 15MHz 64QAM RB75 0 CH18675



Band2 15MHz 64QAM RB75 0 CH18900
 SENSE-1HT
 02-32-35 PM Sep 11,

 Center Freq: 1.880000000 GHz
 Radio Std: None

 Trig: Free Run
 Counts: 10.0 k/10.0 kpt

 #Atten: 30 dB
 Counts: 10.0 k/10.0 kpt
Frequency Average Power Gaussia 100 % Center Free 20.06 dBm .880000000 GH 10 % 45.33 % at 0dB 15 10.0 % 2 98 dB 0.1 9 10% 5.02 dB CF Step 5.000000 MH 01% 6.07 dB 0.01 0.01 % 6.53 dB 0.001 % --- dB Freq Offse 0.0001 % ---- dB 0 001 % ٥н 6.68 dB Peak 26.74 dBm 0001 0 dB 20 dF Int o BW 25.000 MHz

Band2 15MHz 64QAM RB75 0 CH19125

Keysight Spectrum Analyzer - Power Stat CCI		
DER RF S0 Ω DC	SENSE:INTI 02:33:37 PM Sep 11, 202 Center Freq: 1.902500000 GHz Radio Std: None Trig: Free Run Counts:10.0 k/10.0 kpt #FGain:Low #Atten: 30 dB	Frequency
Average Power	100 % Gaussian]
19.96 dBm		Center Freq 1.902500000 GHz
43.55 % at 0dB	10 %	
	1 %	
10.0 % 3.01 dB	0.1 %	-
1.0 % 5.17 dB 0.1 % 6.08 dB	0.01 %	CF Step 5.000000 MHz Auto Man
0.01 % 6.52 dB 0.001 % dB		Freq Offset
0.0001 % dB Peak 6.69 dB	0.001 %	0 Hz
26.65 dBm	0.0001 % 0 dB 20 dE 20 dE	
MSG	tio status	

Center Freq: 1.860000000 GHz Radio Std: None Trig: Free Run Counts:10.0 k/10.0 kpt nter Freq 1.860000000 GHz Frequency Average Power 100 9 Center Fre 21.37 dBm 1 86000000 GH 45.08 % at 0dB 10 9 10.0 % 2.90 dB 0.1 1.0 % 5.03 dB CF Step 5.000000 MH: Mar 0.1 % 6.07 dB 0.01

0.01 %

0.001 %

0.0001 %

Peak

6.27 dB

---- dB

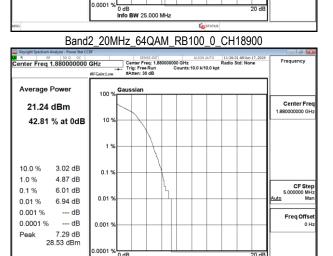
---- dB

6 42 dB

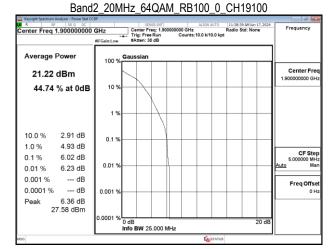
27.79 dBm

0.001

Band2 20MHz 64QAM RB100 0 CH18700



Info BW 25.000 MHz



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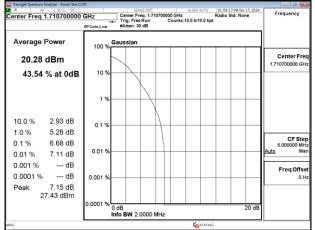
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Band4_1.4MHz_64QAM_RB6_0_CH19957



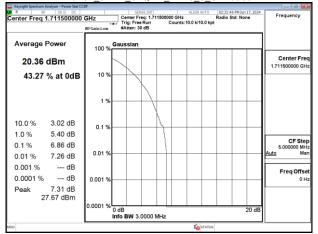
Band4 1.4MHz 64QAM RB6 0 CH20175 Center Freq: 1.732500000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt Frequency enter Freq 1.732500000 GHz Average Power Gaussia 100 % Center Free 19.40 dBm 1.732500000 GH 10 % 43.29 % at 0dB 15 10.0 % 3 06 dB 0.1 9 10% 5.21 dB CF Step 5.000000 MH 01% 6.84 dB 0.01 0.01 % 7.10 dB 0.001 % --- dB Freq Offse 0.0001 % ---- dB 0.001 % ٥н 7.12 dB Peak 26.52 dBm 0001 9 0 dB 20 dF Info BW 2.0000 MHz

Band4 1.4MHz 64QAM RB6 0 CH20393

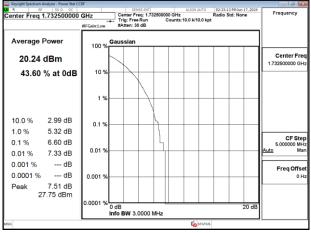
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Keysight Spectrum Analyzer - Power Stat CO		
ua R RF 50 Ω DC Center Freq 1.754300000	SRNSE:INT ALIGN AUTO 102:241 PM Jun 17, 202 GHz Center Freq: 1.754300000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt #IFGain:Low #Atten: 30 dB	Frequency
Average Power	100 % Gaussian	
20.43 dBm		Center Freq 1.754300000 GHz
44.29 % at 0dB	1%	
10.0 % 2.92 dB 1.0 % 5.05 dB	0.1 %	_
0.1 % 6.03 dB 0.01 % 6.59 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % dB 0.0001 % dB Peak 6.64 dB	0.001 %	Freq Offset
27.07 dBm	0.0001 % 0 dB 20 d Info BW 2.0000 MHz	В
MSG	K ostatus	

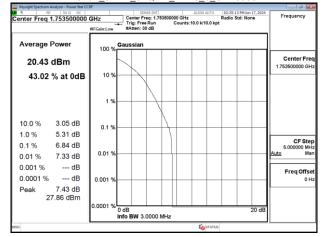
Band4 3MHz 64QAM RB15 0 CH19965



Band4 3MHz 64QAM RB15 0 CH20175



Band4 3MHz 64QAM RB15 0 CH20385



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