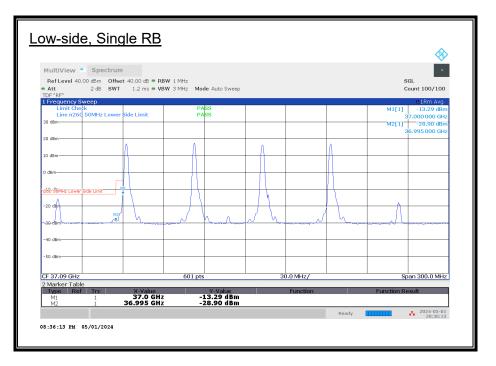
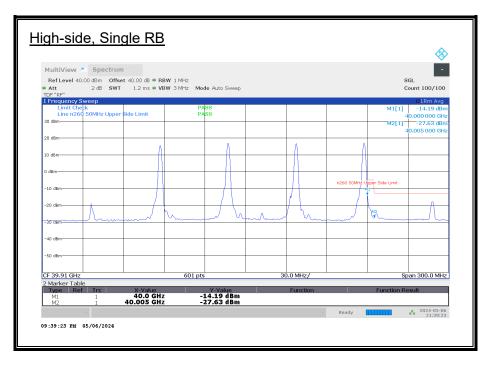
8.3.28. BAND EDGE n260 SISO-DUAL 4CC

50 MHz, SISO-DUAL, 4CC, QPSK



Ref Level 40.00 dBm Offse					
Att 2 dB SWT		3W 1 MHz 3W 3 MHz Mode Auto Sweep			SGL Count 100/10
TDF "RF" 1 Frequency Sweep					o1Rm Avg
Limit Check Line n260 50MHz Lower	Side Limit	PASS PASS			M1[1] -24.38 dB 37.000 000 GF
30 dBm					M2[1] -24.59 dB
20 dBm					36,995 000 GH
10 dBm-					
0 d8m	ΙλΑΛΑΔ			ΙΛΛΛΛΛΛΙ	ΔΔ
	_V V V V V	A A A I A A A A A A A A A A A A A A A A			V
n260 SOMHz Lower Side Limit					
-20 dBm			V		
$\overline{\lambda}$	Ť	N 1			
-30 dBm					
-40 dBm					
-50 dBm					
CF 37.09 GHz		601 pts	30.0 MHz/		Span 300.0 MH
2 Marker Table			Function		inction Result
- 37.09 GHz		601 pts	30.0 MHz/		Span 300.0

Page 232 of 357





Page 233 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	L	1/0	37	-13.29	-5	-8.29
	L	1/0	36.995	-28.90	-13	-15.90
	L	32/0	37	-24.38	-5	-19.38
		52/0	36.995	-24.59	-13	-11.59
50						
		1/21	40	-14.19	-5	-9.19
	Н	1/31	40.005	-27.63	-13	-14.63
	Н	32/0	40	-22.90	-5	-17.90
	1	52/0	40.005	-23.49	-13	-10.49

50 MHz, SISO-DUAL, 4CC, Pi/2 BPSK

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
		1/0	37	-14.80	-5	-9.80
	L	1/0	36.995	-29.11	-13	-16.11
50						
		1/24	40	-16.16	-5	-11.16
	Н	1/31	40.005	-27.43	-13	-14.43

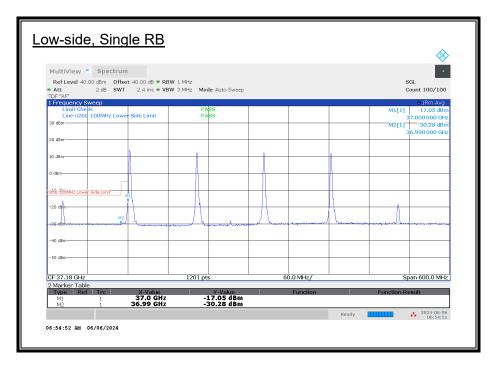
50 MHz, SISO-DUAL, 4CC, 16QAM

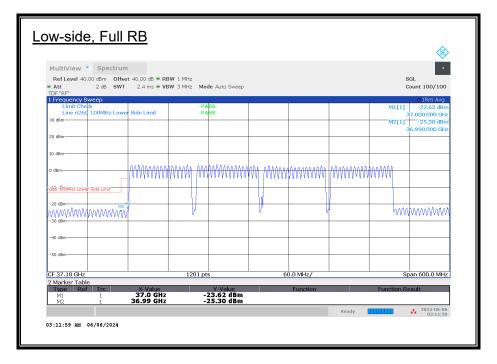
BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
		1/0	37	-16.38	-5	-11.38
	L	1/0	36.995	-29.33	-13	-16.33
50						
	Н	1/31	40	-15.21	-5	-10.21
	п	1/51	40.005	-27.45	-13	-14.45

50 MHz, SISO-DUAL, 4CC, 64QAM

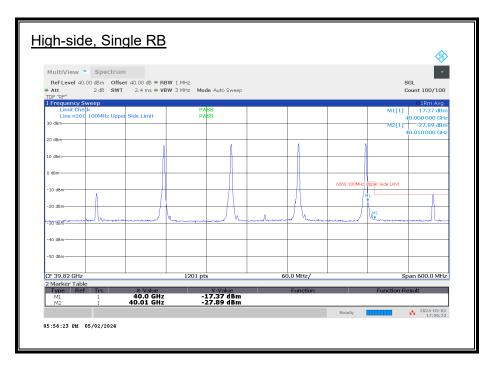
BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	1	1/0	37	-16.90	-5	-11.90
	L	1/0	36.995	-29.64	-13	-16.64
50						
	н	1/31	40	-16.16	-5	-11.16
	п	1/51	40.005	-27.43	-13	-14.43

Page 234 of 357





Page 235 of 357





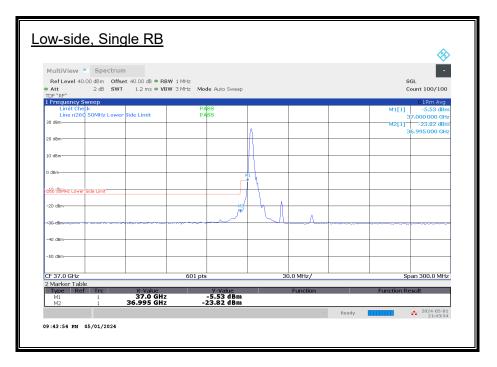
Page 236 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	L	1/0	37	-17.05	-5	-12.05
	L	1/0	36.99	-30.28	-13	-17.28
	L	64/0	37	-23.62	-5	-18.62
	L	04/0	36.99	-25.30	-13	-12.30
100						
	ц	4/65	40	-17.37	-5	-12.37
	н	1/65	40.01	-27.89	-13	-14.89
	Н	64/2	40	-22.66	-5	-17.66
	п	04/2	40.01	-23.99	-13	-10.99

Page 237 of 357

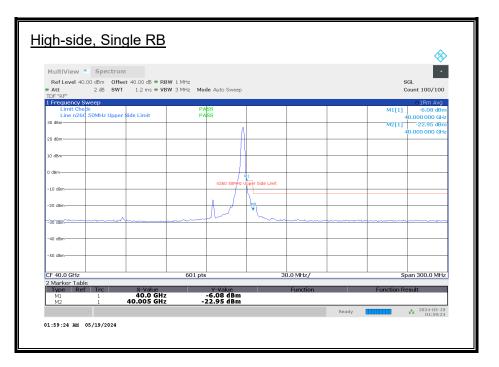
8.3.29. BAND EDGE n260 MIMO 1CC

50 MHz, MIMO, 1CC, QPSK



								Q
Ref Level 40.00 dBm O		W 1 MHz					5	GL I
 Att 2 dB S¹ TDF "RF" 	WT 1.2 ms = VB	W 3 MHz Moo	le Auto Sweep				C	ount 100/10
1 Frequency Sweep Limit Check		PA	88				M1[1]	01Rm Avg -18,40 dB
Line n260 50MHz Lov	wer Side Limit	PA	ss					7.000 000 GF
30 dBm							M2[1]	-18.80 dB 6.995 000 GF
20 dBm								
10 dBm								
10 0.00				IA/ V/ V/ V/ V/	W V VI			
0 dBm					Y V V			
n260 SOMHz Lower Side Limit								
n260 SUMH2 Lower Side Limit			M2 N	1				
-20 dBm			AAA		V\(
			\mathcal{M}		v	VVVV	<u>.</u>	
30-dBm								
-40 dBm								
-50 dBm-								
CF 37.0 GHz 2 Marker Table		601 pts		30	0.0 MHz/		SI	oan 300.0 MH
Type Ref Trc	X-Value		Y-Value		Function		Function R	esult
M1 1 M2 1	37.0 GHz 36.995 GHz		L8.40 dBm L8.80 dBm					
						Ready		2024-05-1

Page 238 of 357



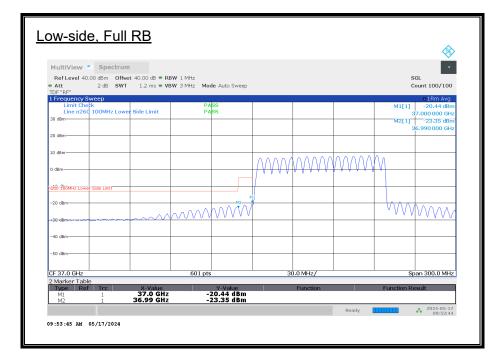


Page 239 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	L	1/0	37	-5.53	-5	-0.53
	L	1/0	36.995	-23.82	-13	-10.82
		32/0	37	-18.40	-5	-13.40
	L	52/0	36.995	-18.80	-13	-5.80
50						
	Н	1/31	40	-6.08	-5	-1.08
	п	1/31	40.005	-22.95	-13	-9.95
	Н	32/0	40	-15.40	-5	-10.40
	1	32/0	40.005	-20.17	-13	-7.17

Page 240 of 357

w-side, Single							
MultiView Spectrum							
Ref Level 40.00 dBm Offset 4							GL
Att 2 dB SWT	1.2 ms 🖷 VBW 3 MHz	Mode Auto Sweep				C	ount 100/100
l Frequency Sweep							01Rm Avg
Limit Check Line n260 100MHz Lower Si	de Limit	PASS PASS				M1[1]	-8.65 dBm
30 dBm						M2[1]	7.000 000 GHz -28.19 dBm
			٨				6.990 000 GHz
20 dBm			A				
			11				
LO dBm-							
) dBm			1				
J dBm-			1				
260 100MHz Lower Side Limit			· \				
260 TOUMH2 Lower side Limit							
-20 dBm		/					
		M2/V	h	۸		0	
-30/dBm							~~~~~~
-40 dBm							
-50 dBm							
CF 37.0 GHz	601	pts	3().0 MHz/		Sr	an 300.0 MHz
2 Marker Table	001	. pca		5.0 10112/			an 30010 Mil 12
Type Ref Trc	X-Value 37.0 GHz	Y-Value -8.65 dBm		Function		Function Re	esult
M1 1 M2 1 3	6.99 GHz	-28.19 dBm					
-					Ready		2024-05-02 08:04:23
							08:04:23



Page 241 of 357

	Spectrum						-
Ref Level 40.		• st 40.00 dB = RBW	1 MHz			s	GL
Att	2 dB SWT		3 MHz Mode Auto Sweep				ount 100/100
Frequency Sv							●1Rm Avg
Limit Che	ck 100MHz Upper	Side Limit	PASS PASS			M1[1]	-11.66 dBm
30 dBm-	Tooline oppos			-		4 M2[1]	0.000 000 GHz -26.56 dBm
			1	u l			0.010 000 GHz
20 dBm		<u>├</u>					
				\			
10 dBm-				+			
) dBm				1		 	
J Gom-							
-10 dBm		└───┼	n260 100MHz	Upper Side Limit			
-20 dBm		+		M _{M2}		 	
	Λ.	1	A	U Ma	_		
-30 dBm							
-40 dBm							
-40 dBm							
-50 dBm		L					
CF 40.0 GHz			601 pts	3(0.0 MHz/	Sr	an 300.0 MHz
2 Marker Table	2		001 pts		0.0 Minz,		000000000
Type Ref M1		X-Value 40.0 GHz	Y-Value -11.66 dBm		Function	Function Re	sult
	1	40.01 GHZ	-11.66 dBm -26.56 dBm				I

gii-Siu	<u>e, Full</u>	<u>IND</u>							R
	Spectrum .00 dBm Offse 2 dB SWT	t 40.00 dB • RE 1.2 ms • VB		le Auto Sweep					SGL Count 100/100
1 Frequency S Limit Che			PA	20					O1Rm Avg
	ск 100MHz Uppei	Side Limit	PA					M1[1]	-16.15 dBm 40.000 000 GHz
30 dBm								M2[1]	-21.46 dBm 40.010 000 GHz
20 dBm									
10 dBm	0.(~~~~	~~~~					
0 dBm	I IV	V V V V V I	/ \ \ \ \ \	`					
0 GBIN	1			2260 100MHz	Jpper Side Limit				
-10 dBm				11200 1001112					
-20 dBm									
$\sim \sim $	VVV				V V V V V	\sim	AAA -		
-30 dBm								~~~~~~	
-40 dBm									
-50 dBm									
CF 40.0 GHz 2 Marker Tabl			601 pts		3	0.0 MHz/		s	pan 300.0 MHz
Type Ref M1 M2		X-Value 40.0 GHz 40.01 GHz	-	Y-Value L6.15 dBm 21.46 dBm		Function		Function R	esult
112							Ready		2024-05-20
01:29:29 AM	05/20/2024								01/29/20

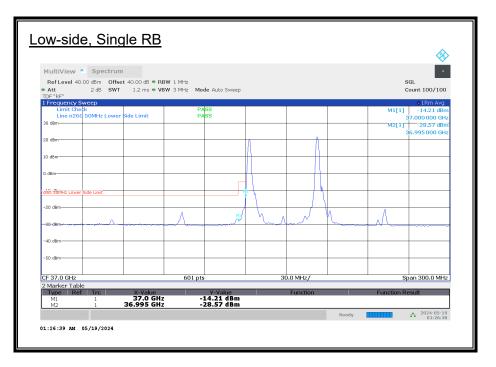
Page 242 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
		1/0	37	-8.65	-5	-3.65
	L	1/0	36.99	-28.19	-13	-15.19
	L	66/0	37	-20.44	-5	-15.44
	L	66/0	36.99	-23.35	-13	-10.35
100						
	н	4/65	40	-11.66	-5	-6.66
	п	1/65	40.01	-26.56	-13	-13.56
	н	66/0	40	-16.15	-5	-11.15
	п	00/0	40.01	-21.46	-13	-8.46

Page 243 of 357

8.3.30. BAND EDGE n260 MIMO 2CC

50 MHz, MIMO, 2CC, QPSK



MultiView Spectro	ım						-
RefLevel 40.00 dBm Of							GL
TDF "RF"	/T 1.2 ms ● VBW 3	MHz Mode Auto Sweep				C	ount 100/100
1 Frequency Sweep Limit Check		PASS				M1[1]	01Rm Avg -24.50 dBr
Line n260 50MHz Low	er Side Limit	PASS					7.000 000 GH
30 dBm						M2[1]	-29.18 dBr
20 dBm						2	6.995 000 GH
10 dBm							
				$h \wedge \wedge \wedge \wedge \wedge$	ΔΛΛΛΛ	hΛ	
0 dBm			<u> </u>	<u> </u>	<u> </u>	V I	
		Г Г		1 11			
n260 SOMHz Lower Side Limit				J			
-20 dBm-				ų			
		M2	Ă.			4000	
	<u>~~~~~~~</u> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	mm				VVV	~~~~~
-40 dBm							
-50 dBm							
CF 37.0 GHz		601 pts	21).0 MHz/		C1	an 300.0 MH
2 Marker Table							
Type Ref Trc	X-Value 37.0 GHz	Y-Value		Function		Function R	esult
M1 1 M2 1	36.995 GHz	-24.50 dBm -29.18 dBm					

Page 244 of 357

	Spectrum	1 1t 40.00 dB = RE						
Att	2 dB SWT		3WFIMHZ 3WF3 MHz Mod	le Auto Sweep				GL ount 100/100
IDF "RF" Frequency S	weep							●1Rm Avg
Limit Che	k 50MHz Upper :		PA PA				M1[1]	-15.69 dBm
20 dBm	SUMHZ Upper	side Limit	PA	55				0.000 000 GHz -26.67 dBm
	Í						M2[1]	0.005 000 GHz
20 dBm				Δ				
	ĺ		1 ()	i N				
LO dBm						+		
) dBm	<u> </u>							
, adm	ĺ							
-10 dBm	L		\square		pper Side Limit			
	ĺ				-			
-20 dBm	Γ Λ				M2	Δ		
-30 dBm	fining Min		Muni	hum	()	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	 	
-30 ubm								
-40 dBm								
	ĺ							
-50 dBm							 	
	ĺ							
CF 40.0 GHz	<u> </u>		601 pts		3	0.0 MHz/	Sp	an 300.0 MHz
2 Marker Table Type Ref		X-Value		Y-Value		Function	Function Re	oult.
M1	1	40.0 GHz	-1	L5.69 dBm		Function	Function Re	suit
M2	1	40.005 GHz	-2	26.67 dBm				2024-05-19

MultiView	Spectrum	1							
		t 40.00 dB 🖷 RE	3W 1 MHz					:	SGL
Att TDF "RF"	2 dB SWT	1.2 ms 🖷 VE	3W 3 MHz Mode	Auto Sweep					Count 100/100
1 Frequency S			PAS	<u>م</u>	1	1	1 1		• 1Rm Avg
Line n26	0 50MHz Upper	Side Limit	PAS	5 S				M1[1]	-21.74 dBm 40.000 000 GH;
30 dBm-								M2[1]	-25.08 dBn 40.005 000 GH;
20 dBm									
10 dBm									
0 dBm	$\downarrow \Lambda$	Λ		'VVVV					
	1 I'	*****	1.1.1.1	n260 SOMHz (Jpper Side Limit				
-10 dBm									
-20 dBm			/	1	1 M2				
-30 dBm	m				m	m	· · · · · · · · · · · · · · · · · · ·		
-40 dBm									
-50 dBm									
CF 40.0 GHz			601 pts		3	0.0 MHz/		s	pan 300.0 MHz
2 Marker Tab									
Type Re M1	f Trc	X-Value 40.0 GHz 40.005 GHz	-2	Y-Value 1.74 dBm 5.08 dBm		Function		Function R	esult

Page 245 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	L	1/0	37	-14.21	-5	-9.21
	L	1/0	36.995	-28.57	-13	-15.57
	L	32/0	37	-24.50	-5	-19.50
	L	52/0	36.995	-29.18	-13	-16.18
50						
	ц	1/31	40	-15.69	-5	-10.69
	Н	1/51	40.005	-26.67	-13	-13.67
	ц	22/0	40	-21.74	-5	-16.74
	Н	32/0	40.005	-25.08	-13	-12.08

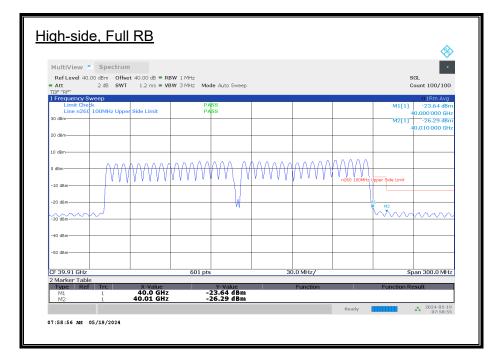
Page 246 of 357

<u>w-side, Sing</u>	gle RB						\$
MultiView Spectrum Ref Level 40.00 dBm Offse Att 2 dB SWT TDF "RF"	et 40.00 dB = RBW 1	MHz MHz Mode Auto Sweep					GL ount 100/100
1 Frequency Sweep Limit Check Line n260 100MHz Lowe 30 dBm	r Side Limit	PASS PASS				M2[1]	•1Rm Avg -15.62 dBm 7.000 000 GHz -29.63 dBm 6.990 000 GHz
10 dBm							
0 dBm 260 100MHz Lower Side Limit						0	
-38-dBm	<u> </u>		14			μ	
-40 dBm							
CF 37.09 GHz 2 Marker Table Type Ref Trc M1 1 M2 1	X-Value 37.0 GHz 36.99 GHz	601 pts -15.62 dBm -29.63 dBm	30	D.0 MHz/		Function Re	
8:17:46 RM 06/06/2024				Ψ.	Ready		2024-06-06 08:17:46

MultiView	Spectrum							
		t 40.00 dB • RE 1.2 ms • VB		1. 0. m. C				SGL
 Att TDF "RF" 		1.2 ms 🖶 VB	WY 3 MHZ MOO	ie Auto Sweep			(Count 100/100
1 Frequency Sy Limit Ches Line n260	veep k 100MHz Lowei	· Side Limit	PA PA	SS SS			M1[1]	• 1Rm Avg -28.06 dBm 37.000 000 GH;
30 dBm							M2[1]	-28.36 dBm 6.990 000 GH
20 dBm								
10 dBm								
0 dBm		AAAA			MAN			
n260 100MHz Lower	Side Limit							
-20 dBm	M2 M							
-30 dBm	min	ſ			v		- ~	
-40 dBm								
-50 dBm								
CF 37.09 GHz			601 pts		30	D.0 MHz/	SI	pan 300.0 MHz
2 Marker Table		X-Value		Y-Value		Function	Function R	
Type Ref M1 M2	1 1	37.0 GHz 36.99 GHz		28.06 dBm 28.36 dBm		Function	Function R	esuit

Page 247 of 357





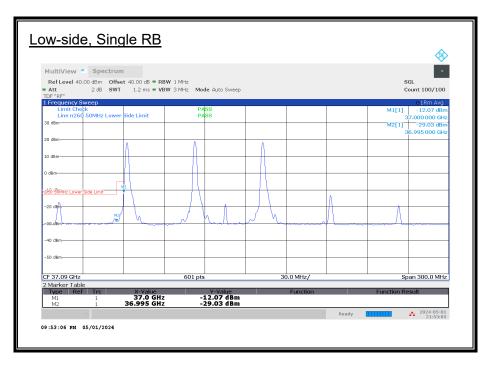
Page 248 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	L	1/0	37	-15.62	-5	-10.62
	L	1/0	36.99	-29.63	-13	-16.63
	L	66/0	37	-28.06	-5	-23.06
	L	00/0	36.99	-28.36	-13	-15.36
100						
	ц	1/65	40	-15.99	-5	-10.99
	Н	1/05	40.01	-28.29	-13	-15.29
	Н	66/0	40	-23.64	-5	-18.64
	п	00/0	40.01	-26.29	-13	-13.29

Page 249 of 357

8.3.31. BAND EDGE n260 MIMO 3CC

50 MHz, MIMO, 3CC, QPSK



MultiView Sp	ectrum				-
 Att 2 dE 	Offset 40.00 dB = RI SWT 1.2 ms = VE	3W 1 MHz 3W 3 MHz Mode Auto Sweep			SGL Count 100/10
TDF "RF" 1 Frequency Sweep					o1Rm Avg
Limit Check	z Lower Side Limit	PASS PASS		M1	[1] -25.54 dBi
30 dBm	E Conter Dide Cirrie			M2	37.000 000 GF [1] -27.74 dB
					36.995 000 GH
20 dBm-					
10 dBm					
TO UBIL					
0 d8m	IA/\/\/\/		NA NAAMAAAAA		
			v v v v v v v v v v v v		
n260 SOMHz Lower Side Lim	e l				
-20 dBm	M2 M1				
	m			mon	Ann
00 000					
-40 dBm					
-50 dBm					
CF 37.09 GHz		601 pts	30.0 MHz/	· ·	Span 300.0 MH
2 Marker Table Type Ref Tro	X-Value	Y-Value	Function	Functio	on Result
M1 1	37.0 GHz 36.995 GHz	-25.54 dBm	Function	Function	n Result

Page 250 of 357

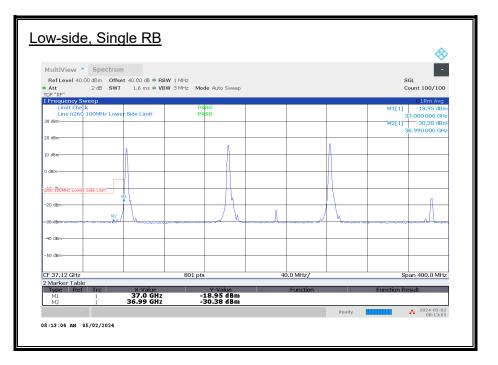
MultiView -	Spectrum								×
Ref Level 40.00		40.00 dB 🗢 RBV	V 1 MHz					5	GL SGL
Att	2 dB SWT	1.2 ms 🖷 VBV	/ 3 MHz Mod	e Auto Sweep				C	Count 100/100
Frequency Swe	сер								O1Rm Avg
Limit Check	OMHz Upper Sid	le Limit	PA: PA:					M1[1]	-12.27 dBm
30 dBm	owne opper or							M2[1]	40.000 000 GHz -26.87 dBm
									10.005 000 GHz
20 dBm				λ		a	٨		
				- N - I		L A	1 1		
.0 dBm									
dBm									
				- 11 -		111	[
-10 dBm						H	n260 SUMHZ Ç	oper Side Limit	
						1/1			0
-20 dBm	<u>^</u>	Λ		-/ h	A	1 5		102	
30 dBm	Λ_{max}		Lanna and L	\sim \sim	llamt	1 hren	min	13	
-30 dBm									
-40 dBm									
50 dBm									
CF 39.91 GHz			601 pts		3	0.0 MHz/		S	pan 300.0 MHz
Marker Table									
Type Ref M1	Trc 1	X-Value 40.0 GHz	-1	Y-Value 2.27 dBm 6.87 dBm		Function		Function R	esult
M2	i 4	0.005 GHz	-2	6.87 dBm					I

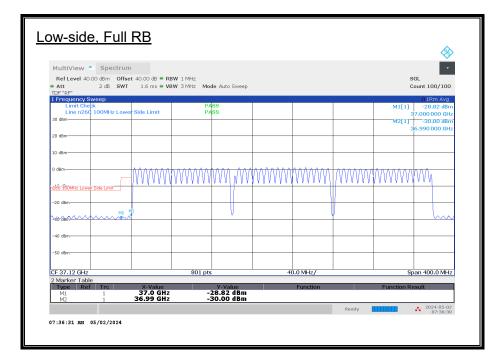
MultiView Spectru	n						-
Ref Level 40.00 dBm Offs Att 2 dB SWI		3W 1 MHz 3W 3 MHz Mode Auto S					SGL Count 100/100
TDF "RF" 1 Frequency Sweep	1.2 115 - 91	SW STAILS Mode Addo S	weep				•1Rm Avg
Limit Check		PASS PASS				M1[1]	-23.78 dBr
Line n260 50MHz Upper 30 dBm	Side Limit	PASS				M2[1]	40.000 000 GH -25.69 dBr
							40.005 000 GH
20 dBm-							
10 dBm							
TO UBIN					00000		
0 d8m		AAAAAAAA	\ \{ \{ \{ \} \}	MVA MVV	₩₩₩₩₩		
			1	A A HAAA	n260 50MHz (pper Side Limit	
-10 dBm							
-20 dBm						1 M2	
	h		1			Mm	10000
-30 dBm							
-40 dBm-							
-50 dBm				-			
CF 39.91 GHz 2 Marker Table		601 pts		30.0 MHz/		s	pan 300.0 MH
Type Ref Trc	X-Value	Y-Valu	e	Function		Function R	esult
M1 1	40.0 GHz 40.005 GHz	-23.78 (-25.69 (Bm				

Page 251 of 357

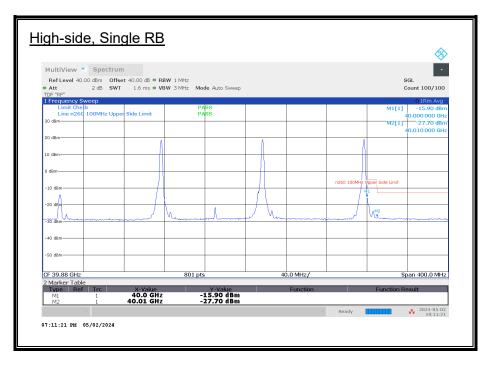
BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
		1/0	37	-12.07	-5	-7.07
		1/0	36.995	-29.03	-13	-16.03
	L	32/0	37	-25.54	-5	-20.54
	L	52/0	36.995	-27.74	-13	-14.74
50						
	н	1/31	40	-12.27	-5	-7.27
		1/51	40.005	-26.87	-13	-13.87
	Н	22/0	40	-23.78	-5	-18.78
	п	32/0	40.005	-25.69	-13	-12.69

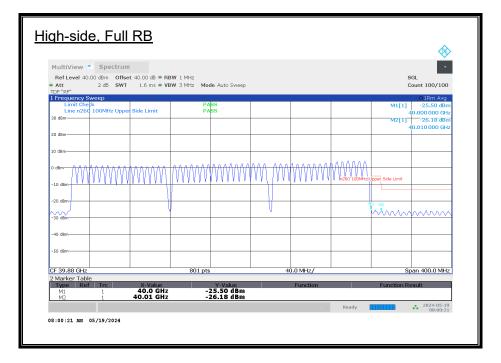
Page 252 of 357





Page 253 of 357





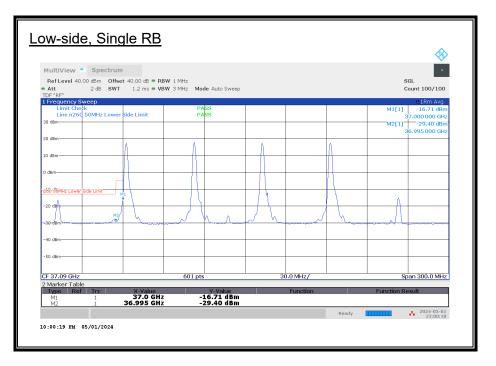
Page 254 of 357

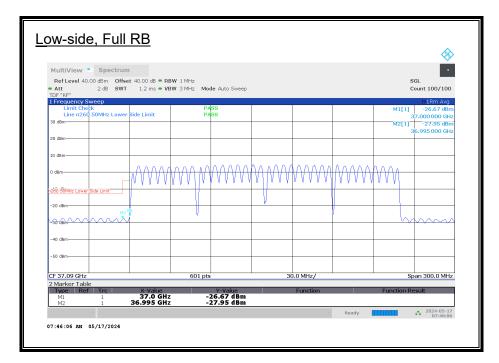
BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
		1/0	37	-18.95	-5	-13.95
	L	1/0	36.99	-30.38	-13	-17.38
		66/0	37	-28.82	-5	-23.82
	L	66/0	36.99	-30.00	-13	-17.00
100						
	н	1/65	40	-15.90	-5	-10.90
		1/05	40.01	-27.70	-13	-14.70
	Н	66/0	40	-25.50	-5	-20.50
	п	00/0	40.01	-26.18	-13	-13.18

Page 255 of 357

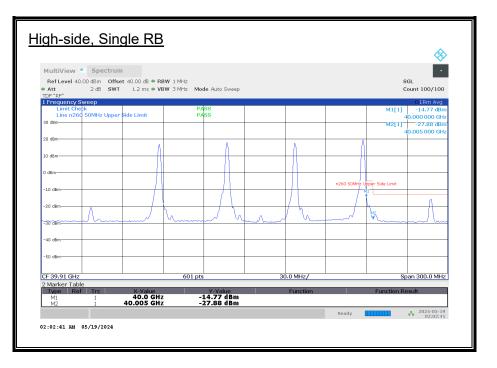
8.3.32. BAND EDGE n260 MIMO 4CC

50 MHz, MIMO, 4CC, QPSK





Page 256 of 357

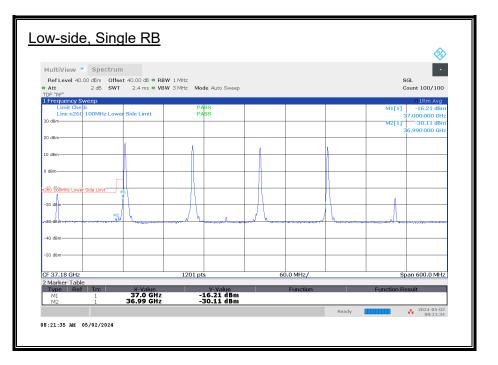


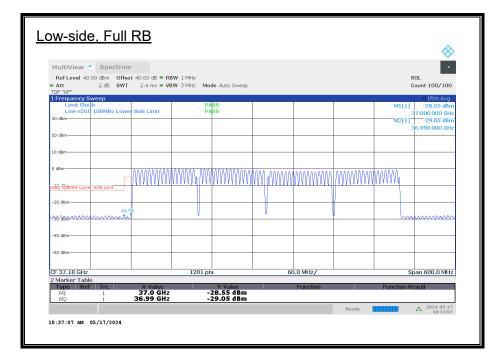


Page 257 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)
	L	1/0	37	-16.71	-5	-11.71
	L	1/0	36.995	-29.40	-13	-16.40
	L	32/0	37	-26.67	-5	-21.67
			36.995	-27.95	-13	-14.95
50						
	Н	1/31	40	-14.77	-5	-9.77
		1/31	40.005	-27.88	-13	-14.88
	н	22/0	40	-24.40	-5	-19.40
		32/0	40.005	-25.41	-13	-12.41

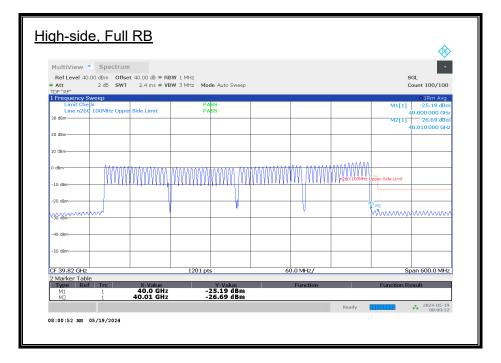
Page 258 of 357





Page 259 of 357

									~
	Spectrum								· •
Ref Level 40 Att	00 dBm Offset 2 dB SWT		BW 1 MHz BW 3 MHz Mod	e Auto Sween					SGL Count 100/100
IDF "RF" I Frequency S				• ·					01Rm Avg
Limit Che	ck		PA				1	M1[1]	-19.53 dBm
	0 100MHz Upper	Side Limit	PA	ss					40.000 000 GHz
30 dBm			1					M2[1]	
20 dBm									40.010 000 GHz
20 08m-				1		4	1		
10 dBm		ļ		·'					
LO 012				. ('			լ յ		
0 dBm	ļ'	├ ────┦	<u> </u>	,'		_	ļ ļ		
		ין ו				1 11	0260 100MHz I	Jpper Side Limit	
-10 dBm	ļ!	├─── ┤′	++	<u> </u> '		+ H	HEOD EDGMERTE C	opper blue canac	
	1 1	l'		- N		/	1	1	1
-20 dBm				-++		+	<u> </u>	ĥ	
	Lulham"		M	here here		W Munn	have a f	W12	
-30 dBm-				1					
-40 dBm				1					
-40 asm				1					
-50 dBm									
-30 UBIII-									
25 20 00 001-			1001	ا ا					600.01411-
CF 39.82 GHz 2 Marker Tabl	0		1201 pts	·	DU	0.0 MHz/		5	pan 600.0 MHz
Type Ref		X-Value		Y-Value		Function		Function R	esult
M1 M2	1	40.0 GHz 40.01 GHz	-1	-19.53 dBm -28.43 dBm					
MZ		40.01 0112		.8.43 upin					2024-05-02



Page 260 of 357

BW	Channel	RB	Freq.	Avg EIRP	Avg TRP Limit	Margin	
(MHz)		(Size Offset)	(GHz)	(dBm)	(dBm)	(dB)	
	L	1/0	37	-16.21	-5	-11.21	
	L	1/0	36.99	-30.11	-13	-17.11	
	L	66/0	37	-28.55	-5	-23.55	
			36.99	-29.05	-13	-16.05	
100							
	н	1/65	40 -19.53		-5	-14.53	
		1/05	40.01	-28.43	-13	-15.43	
		66/0	40	-25.19	-5	-20.19	
	Н	66/0	40.01	-26.69	-13	-13.69	

Page 261 of 357

8.4. RADIATED SPURIOUS EMISSIONS

RULE PART(S)

FCC: §2.1051, §2.957(f), §30.203

<u>LIMIT</u>

30.203 - (a) The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be -13 dBm/MHz or lower.

TEST PROCEDURE

KDB 842590 D01 Upper Microwave Flexible Use Service v01r02 Section 4.4.2 and Section 4.4.3. ANSI C63.26-2015 Clause 5.5 and Annex C.5.2.

All radiated spurious emissions were measured as EIRP to compare with the §30.203 TRP limits to demonstrate compliance.

Based on the pre-scan test results, the readings of emission in 9 kHz - 30 MHz range are attenuated more than 20 dB below the limit, therefore RSE was further investigated from 30 MHz - 100 GHz on n258 SB1, n258 SB2 and n261 bands, from 30 MHz - 200 GHz on n260 band.

Plots below 18 GHz are corrected field strength levels, measured at 3-meter test distance. The average EIRP reported below is calculated per section 5.2.7 of ANSI C63.26-2015 which states: EIRP (dBm) = E (dB μ V/m) + 20log(D) – 104.8; where D is the measurement distance (in the far field region) in m. The field strength E is calculated E (dB μ V/m) = Spectrum Analyzer Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + 107. All appropriate Antenna Factor and Cable Loss have been applied in the spectrum analyzer for each measurement.

RSEs from 1 – 200 GHz were measured at 1.5 meters height.

RSEs above 18 GHz were measured at the appropriate far field distances listed in Section 5.7 of this report (FAR-FIELD DISTANCE AND MEASUREMENT DISTANCE). RSEs from 18 – 50 GHz were measured using a spectrum analyzer or EMI receiver with an internal preamplifier when applicable. Emissions above 50 GHz were measured using a downconverter with spectrum analyzer, while an external LNA was used when applicable.

EIRP of RSE was calculated using the equations on ANSI C63.26-2015 Annex C.5.2. The total correction factor of cable/waveguide extension loss, horn antenna gain, downconverter loss, LNA gain, and far-field path loss were calculated using equations C.8 and C.9, and pre-loaded into spectrum analyzer.

Sample calculation of EIRP:

Total Correction Factor = Cable Loss (dB) – Horn Ant Gain (dBi) – LNA Gain (dB) + Downconverter Loss (dB) + Path Loss (dB) = 4 – 23 – 30 + 8 + 71 = 30 dB

EIRP = $P_{measured}(dBm)$, where Total Correction Factor preloaded.

Page 262 of 357

RSEs were measured using the configuration with the highest EIRP (QPSK, SISO-Dual mode and a single mid-RB) as representing the worst case. Preliminary radiated emissions tests at the low, middle and high channels indicated that the worst case radiated spurious emissions were on the channel with the highest EIRP and only the test data for that channel is included in this report.

The following configurations with highest EIRP from Ant M1 in each frequency band were used at RSE investigation at the pre-determined worst-case y-axis (portrait) orientation:

n258 SB1 band: SISO-DUAL_QPSK_100 MHz BW_Low CH_RB Offset 1/32 (1RB-M)

n258 SB2 band: SISO-DUAL_QPSK_100 MHz BW_High CH_RB Offset 1/32 (1RB-M)

n261 band: SISO-DUAL_QPSK_50 MHz BW_High CH_RB Offset 1/15 (1RB-M)

n260 band: SISO-DUAL_QPSK_50 MHz BW_Mid CH_RB Offset 1/15 (1RB-M)

In addition, the 2CC to 4CC multi-carrier operations were verified for IMD products at the near upper and lower band edge regions, approximately 1 GHz wide. The measurements were made with the single RB active in each channel and plots showing the IMD products are provided. Both (50 MHz + 50 MHz) and (100 MHz + 100 MHz) channel bandwidths are tested and the signal level of the IMD products are similar for both modes. Antenna gain of EUT is not factored into the EIRP calculation of IMD product measurements. The test data for the worst case IMD emissions are reported.

Where the measured EIRP value is above the TRP limit, a TRP measurement is made. Otherwise, the EIRP value is compared with the §30.203 TRP limits to demonstrate compliance.

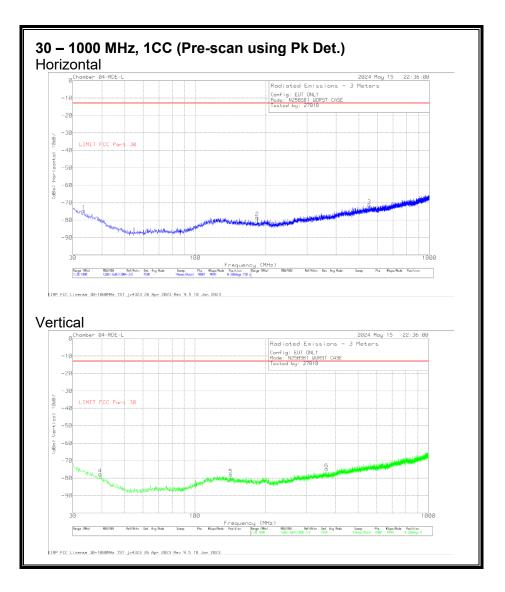
For the investigations of simultaneous transmission of multiple wireless technologies in the LTE B2 + 5G FR2 bands and 5.8 GHz Wi-Fi + 5G FR2 bands, no noticeable new emission with high amplitude was found.

RESULTS

See the following pages.

Employee IDs: 19459, 24303, 27294, 27446, 27780, 31925, 32226, 103479 Test Date: 04/24/24 – 06/18/24 Test Location Below 18 GHz: 04-RDE-L Test Locations Above 18 GHz: 01-mmW-A, -B, -C & -D

Page 263 of 357



8.4.1. RSE n258 SB1 30 – 1000 MHz

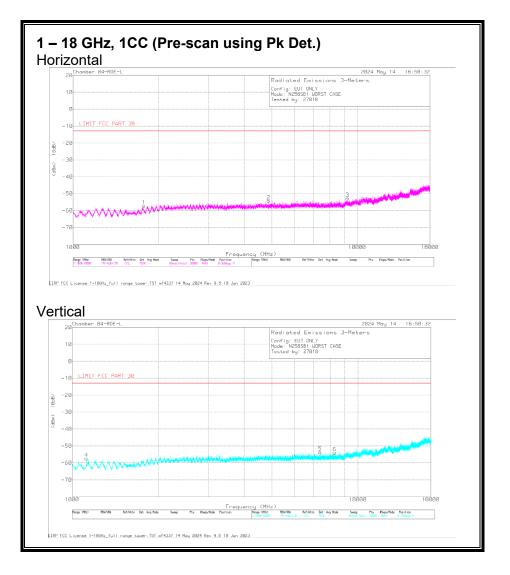
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	174374 ANSI ACF (dB/m)	Amp/Cbls (dB)	Unit Conversion (dB)	Corrected Reading (dBm)	FCC Part 30 TRP Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.395	-79.68	Pk	24.3	-31	11.7	-74.68	-13	-61.68	0-360	150	Н
2	183.842	-77.93	Pk	17.1	-29.5	11.7	-78.63	-13	-65.63	0-360	150	Н
3	553.218	-79.54	Pk	24.3	-28	11.7	-71.54	-13	-58.54	0-360	150	Н
4	39.312	-78.68	Pk	20.2	-31	11.7	-77.78	-13	-64.78	0-360	149	V
5	142.52	-78.61	Pk	18.8	-30	11.7	-78.11	-13	-65.11	0-360	149	V
6	366.59	-78.32	Pk	20.7	-28.8	11.7	-74.72	-13	-61.72	0-360	149	V

Pk - Peak detector

Page 264 of 357

8.4.2. RSE n258 SB1 1 - 18 GHz

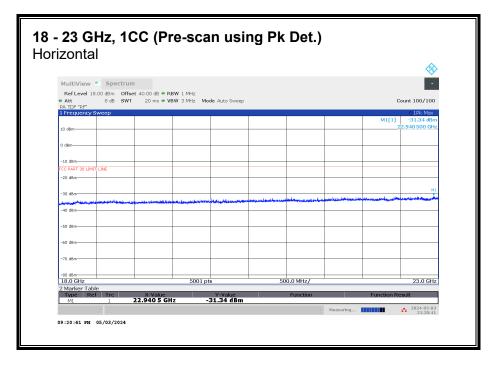


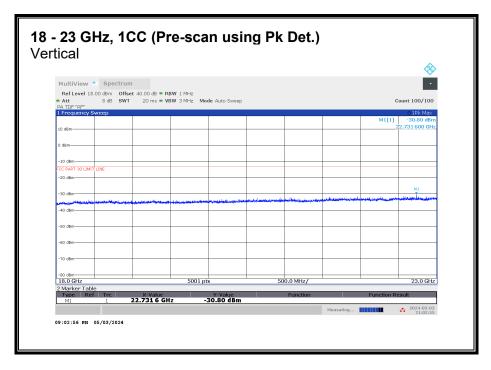
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	206805 ACF (dB/m)	Amp/Cbl (dB)	Unit Conversion (dB)	Corrected Reading (dBm)	FCC Part 30 TRP Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1774.389	-46.91	Pk	29.8	-51.7	11.7	-57.11	-13	-44.11	0-360	399	Н
2	4877.896	-51.44	Pk	34.1	-48.6	11.7	-54.24	-13	-41.24	0-360	399	Н
3	9227.566	-59.75	Pk	36.1	-40.8	11.7	-52.75	-13	-39.75	0-360	199	Н
4	1121.556	-45.76	Pk	27.7	-51	11.7	-57.36	-13	-44.36	0-360	400	V
5	7379.573	-57.12	Pk	35.6	-43.8	11.7	-53.62	-13	-40.62	0-360	400	V
6	8296.769	-59.17	Pk	35.7	-42.2	11.7	-53.97	-13	-40.97	0-360	400	V

Pk - Peak detector

8.4.3. RSE n258 SB1 18 - 23 GHz

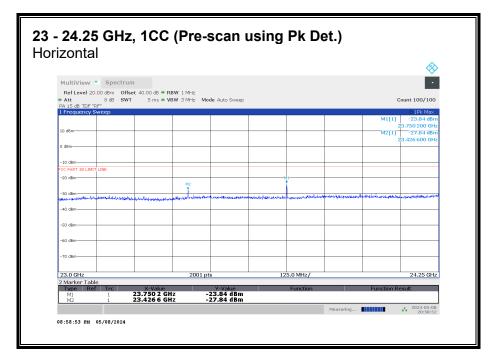


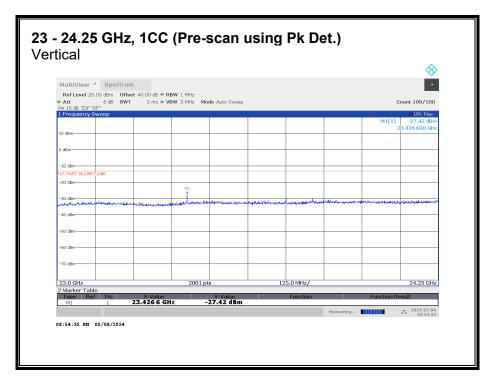


No emission detected using Peak Detection.

Page 266 of 357

8.4.4. RSE n258 SB1 23 - 24.25 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

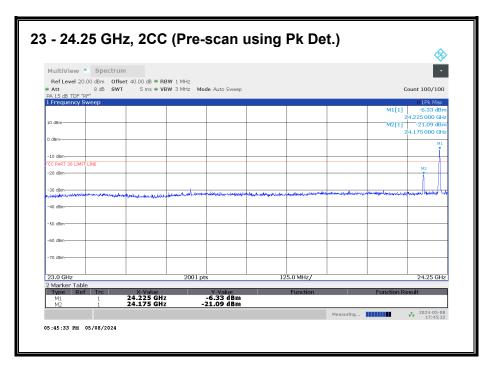
Page 267 of 357

23 - 24.25 GHz n258 SB1, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
23.751	3.3	Н	-28.69	-13	-15.69
23.751	3.3	V	-40.22	-13	-27.22
23.427	3.3	Н	-30.96	-13	-17.96
23.427	3.3	V	-36.06	-13	-23.06

Page 268 of 357

23 - 24.25 GHz n258 SB1, 2CC



Worst case configuration: SISO-DUAL_QPSK_(50 MHz + 50 MHz)_Low CH_RB Offset 1/15 (1RB-M)

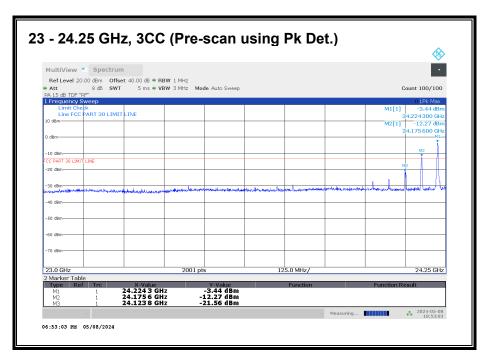
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.224	3.3	-20.48	-13	-7.48

Page 269 of 357

23 - 24.25 GHz n258 SB1, 3CC



Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz+ 50 MHz)_Low CH_RB Offset 1/15 (1RB-M)

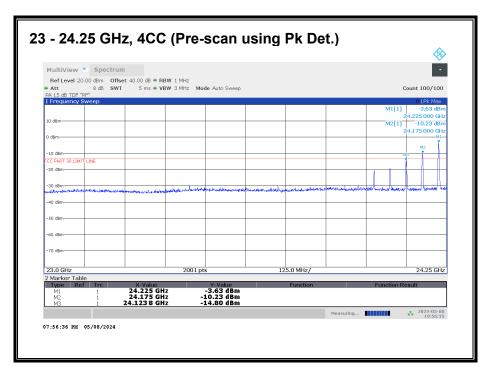
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.224	3.3	-20.76	-13	-7.76

Page 270 of 357

23 - 24.25 GHz n258 SB1, 4CC



Worst case configuration:

SISO-DUAL_QPŠK_(50 MHz + 50 MHz + 50 MHz + 50 MHz)_Low CH_RB Offset 1/15 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

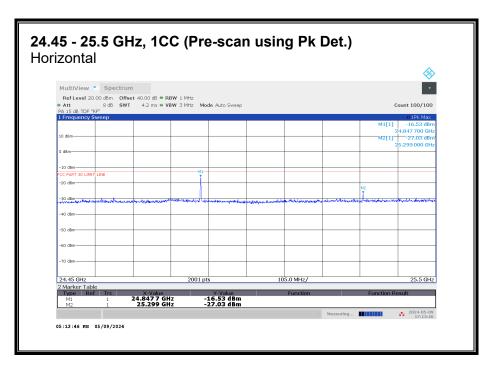
All emissions were investigated, and the highest emission was reported.

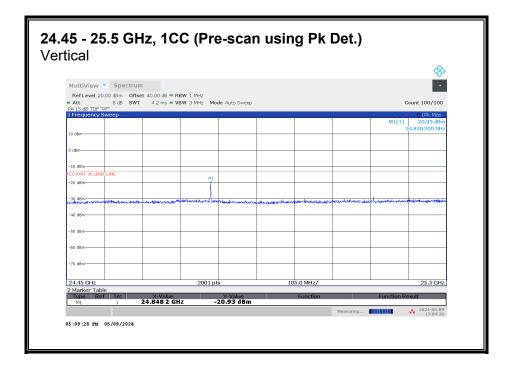
Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.224	3.3	-22.10	-13	-9.10

Page 271 of 357

8.4.5. RSE n258 SB1 24.45 - 25.5 GHz

Note: 24.25 – 24.45 GHz covered by Fundamental and BE measurements.





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

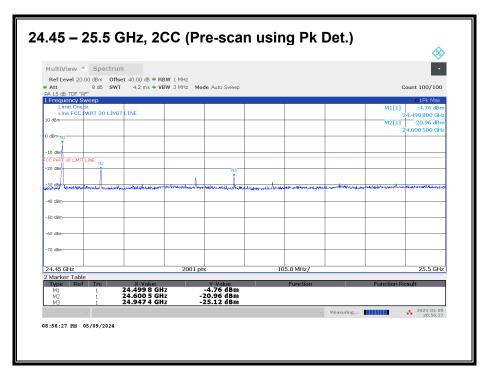
Page 272 of 357

24.45 - 25.5 GHz n258 SB1, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
24.848	3.3	Н	-24.08	-13	-11.08
24.848	3.3	V	-28.85	-13	-15.85
25.298	3.3	Н	-33.85	-13	-20.85
25.298	3.3	V	-38.92	-13	-25.92

Page 273 of 357

24.45 - 25.5 GHz n258 SB1, 2CC



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz)_High CH_RB Offset 1/32 (1RB-M)

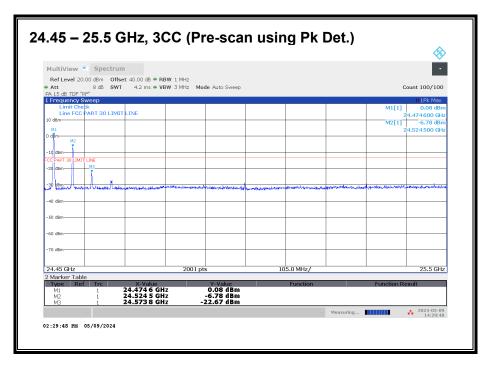
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.499	3.3	-23.40	-13	-10.40

Page 274 of 357

24.45 - 25.5 GHz n258 SB1, 3CC



Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz + 50 MHz)_High CH_RB Offset 1/15 (1RB-M)

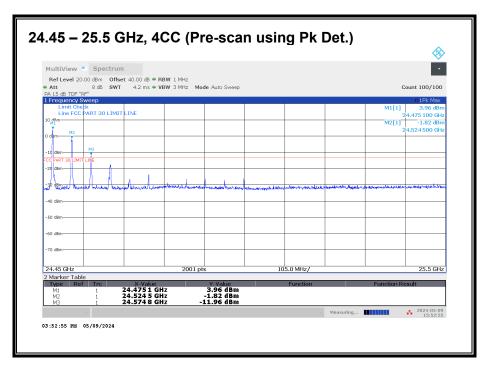
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.474	3.3	-22.84	-13	-9.84

Page 275 of 357

24.45 - 25.5 GHz n258 SB1, 4CC



Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz + 50 MHz + 50 MHz)_High CH_RB Offset 1/15 (1RB-M)

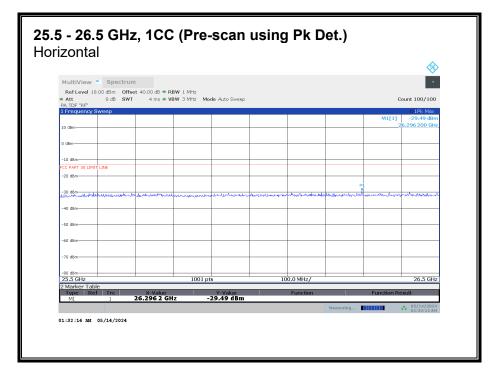
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

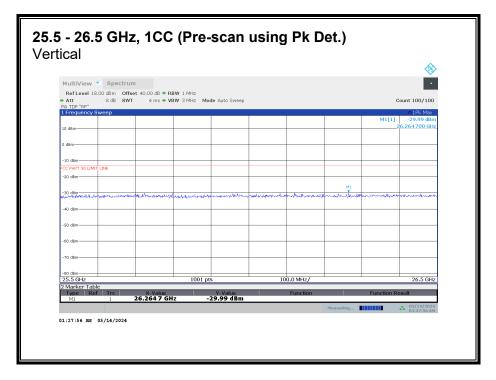
All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.474	3.3	-21.70	-13	-8.70

Page 276 of 357

8.4.6. RSE n258 SB1 25.5 - 26.5 GHz

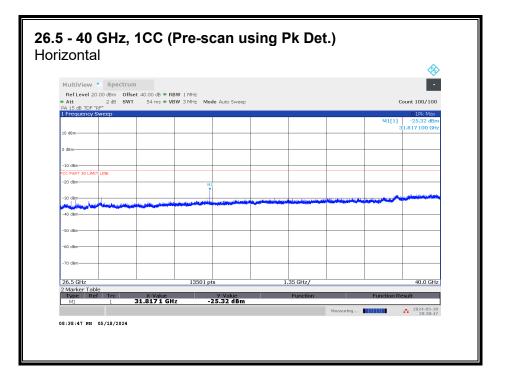


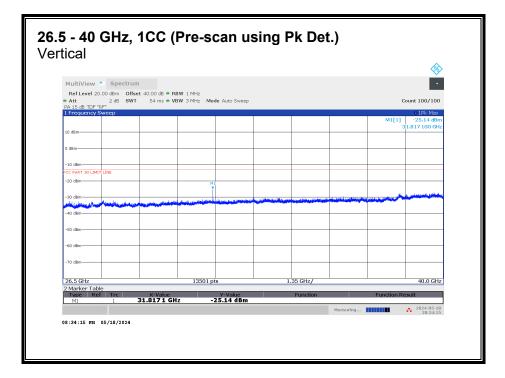


No emission detected using Peak Detection.

Page 277 of 357

8.4.7. RSE n258 SB1 26.5 - 40 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

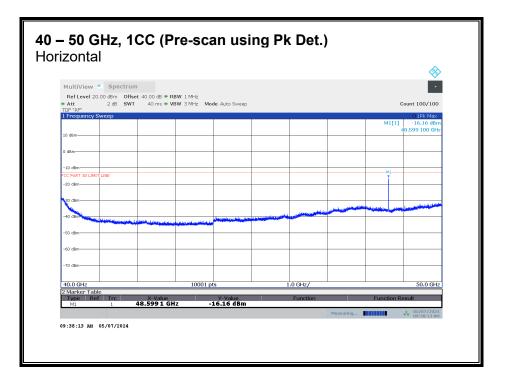
Page 278 of 357

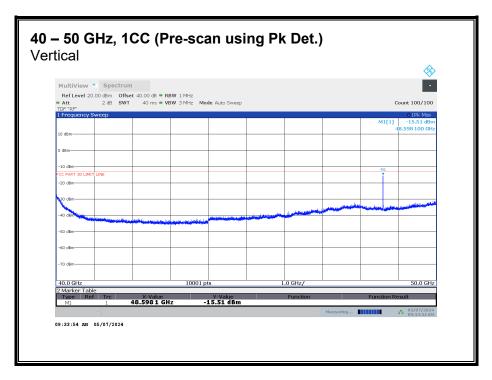
<u>26.5 – 40 GHz n258 SB1, 1CC</u>

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
31.817	3	Н	-35.66	-13	-22.66
31.817	3	V	-27.66	-13	-14.66

Page 279 of 357

8.4.8. RSE n258 SB1 40 - 50 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

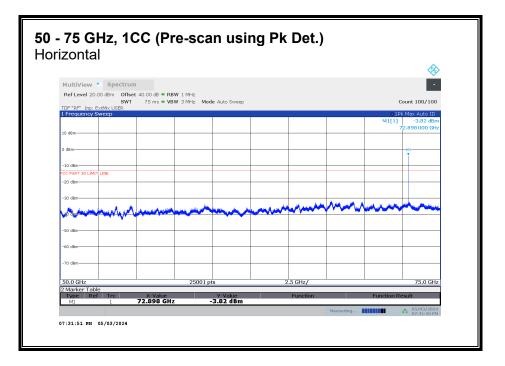
Page 280 of 357

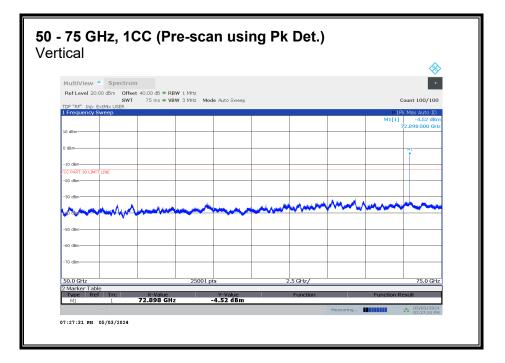
<u>40 – 50 GHz n258 SB1, 1CC</u>

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
48.598	3	Н	-30.90	-13	-17.90
48.598	3	V	-22.29	-13	-9.29

Page 281 of 357

8.4.9. RSE n258 SB1 50 - 75 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

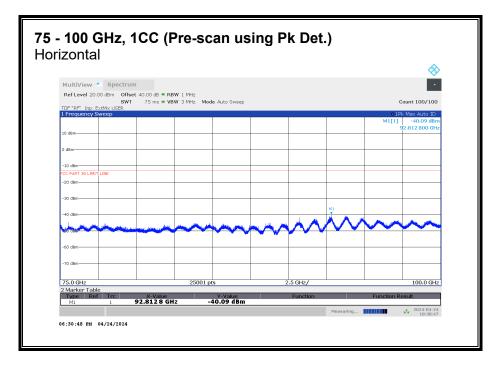
Page 282 of 357

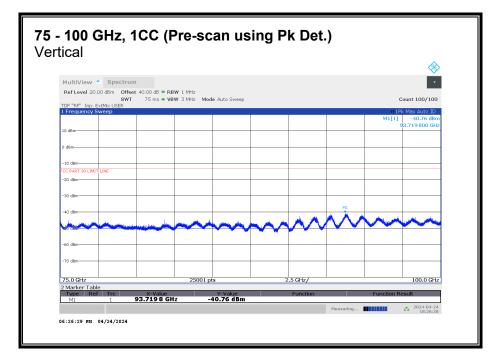
<u>50 - 75 GHz n258 SB1</u>

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
72.898	1.5	-17.26	-13	-4.26

Page 283 of 357

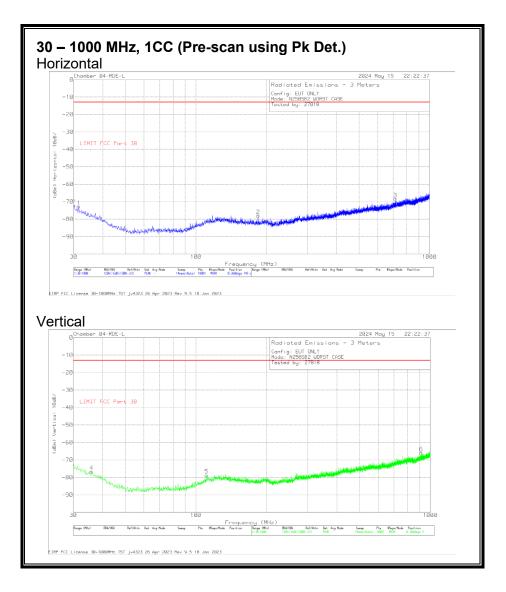
8.4.10. RSE n258 SB1 75 - 100 GHz





No emission detected using Peak Detection.

Page 284 of 357



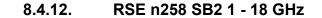
8.4.11. RSE n258 SB2 30 – 1000 MHz

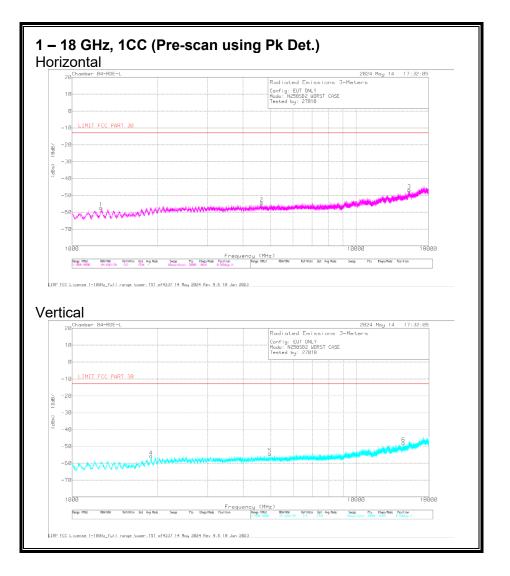
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	174374 ANSI ACF (dB/m)	Amp/Cbls (dB)	Unit Conversion (dB)	Corrected Reading (dBm)	FCC Part 30 TRP Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.552	-78.92	Pk	25.6	-31.1	11.7	-72.72	-13	-59.72	0-360	149	Н
2	185.006	-77.32	Pk	17.1	-29.5	11.7	-78.02	-13	-65.02	0-360	149	Н
3	714.238	-78.86	Pk	26.3	-27.5	11.7	-68.36	-13	-55.36	0-360	149	Н
7	30.097	-79.59	Pk	26.8	-31.1	11.7	-72.19	-13	-59.19	0-360	149	Н
4	35.917	-79.67	Pk	22.4	-31	11.7	-76.57	-13	-63.57	0-360	149	V
5	111.092	-78.74	Pk	18.6	-30.2	11.7	-78.64	-13	-65.64	0-360	149	V
6	913.088	-79.27	Pk	28.1	-26.4	11.7	-65.87	-13	-52.87	0-360	149	V

Pk - Peak detector

Page 285 of 357





Trace Markers

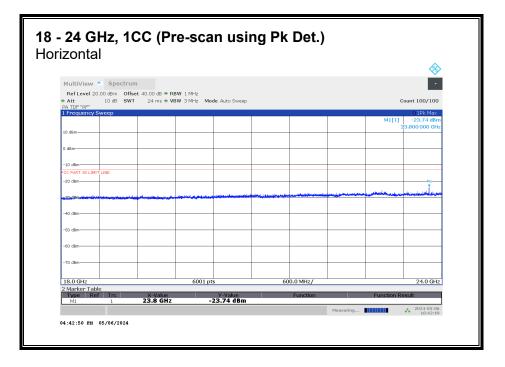
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	206805 ACF (dB/m)	Amp/Cbl (dB)	Unit Conversion (dB)	Corrected Reading (dBm)	FCC Part 30 TRP Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1266.063	-46.66	Pk	28.7	-51.2	11.7	-57.46	-13	-44.46	0-360	400	Н
2	4658.585	-52.2	Pk	34.2	-48.4	11.7	-54.7	-13	-41.7	0-360	400	Н
3	15394.628	-61.46	Pk	40.2	-37.3	11.7	-46.86	-13	-33.86	0-360	400	Н
4	1898.495	-46.58	Pk	30.8	-51.7	11.7	-55.78	-13	-42.78	0-360	400	V
5	4960.35	-51.83	Pk	34.2	-48.5	11.7	-54.43	-13	-41.43	0-360	400	V
6	14652.541	-64.52	Pk	39.3	-34.5	11.7	-48.02	-13	-35.02	0-360	400	V

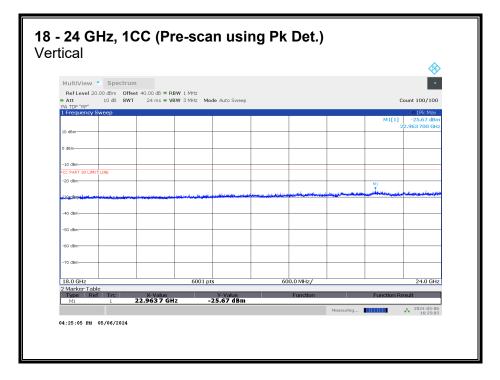
Pk - Peak detector

Page 286 of 357

UL VERIFICATION SERVICES INC 47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888 This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

8.4.13. RSE n258 SB2 18 - 24 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

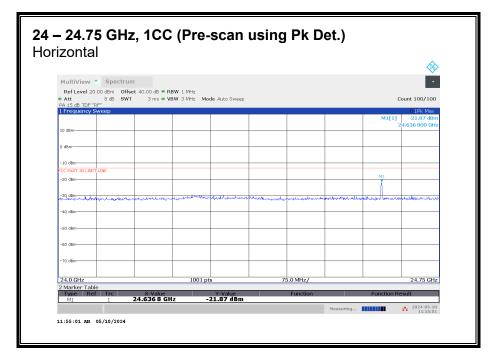
Page 287 of 357

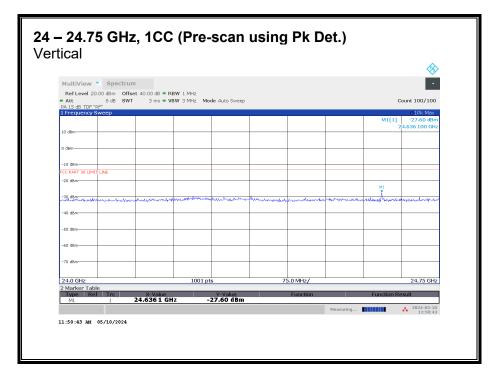
<u>18 – 24 GHz n258 SB2, 1CC</u>

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
23.799	3.3	Н	-28.02	-13	-15.02
23.799	3.3	V	-37.28	-13	-24.28

Page 288 of 357

8.4.14. RSE n258 SB2 24 – 24.75 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

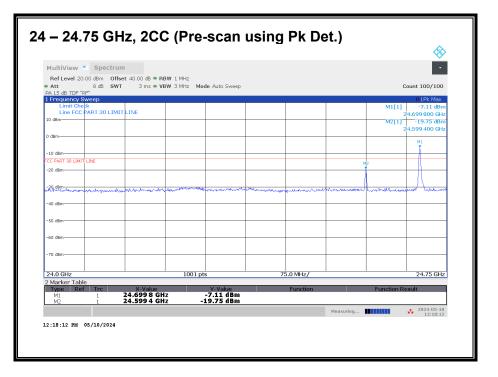
Page 289 of 357

24 - 24.75 GHz n258 SB2, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
24.636	3.3	Н	-28.00	-13	-15.00
24.636	3.3	V	-35.96	-13	-22.96

Page 290 of 357

24 - 24.75 GHz n258 SB2, 2CC



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz)_Low CH_RB Offset 1/32 (1RB-M)

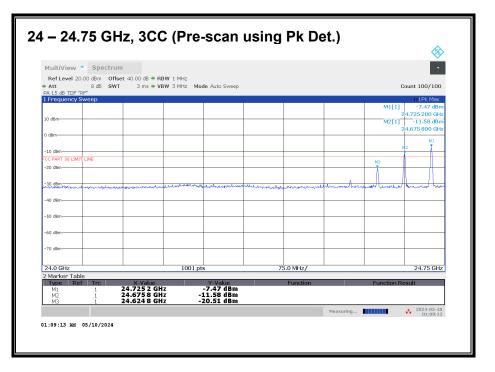
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.699	3.3	-21.51	-13	-8.51

Page 291 of 357

24 - 24.75 GHz n258 SB2, 3CC



Worst case configuration: SISO-DUAL QPSK (50 MHz + 50 MHz + 50 MHz) Low CH RB Offset 1/15 (1RB-M)

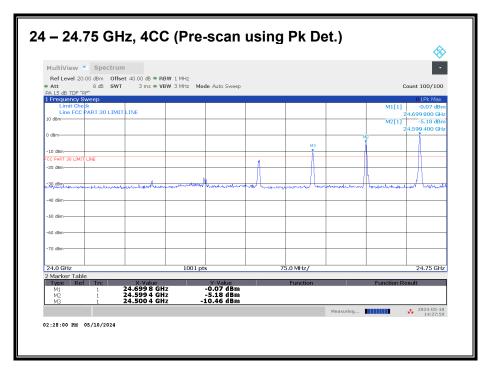
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.724	3.3	-20.33	-13	-7.33

Page 292 of 357

24 - 24.75 GHz n258 SB2, 4CC



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz + 100 MHz + 100 MHz)_Low CH_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

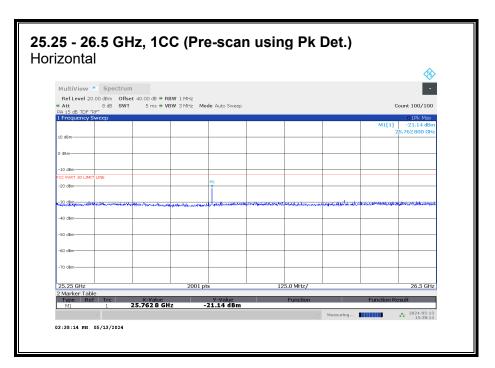
All emissions were investigated, and the highest emission was reported.

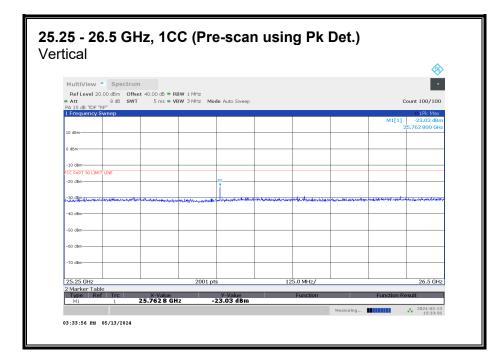
Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
24.699	3.3	-20.24	-13	-7.24

Page 293 of 357

8.4.15. RSE n258 SB2 25.25 - 26.5 GHz

Note: 24.75 – 25.25 GHz covered by Fundamental and BE measurements.





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

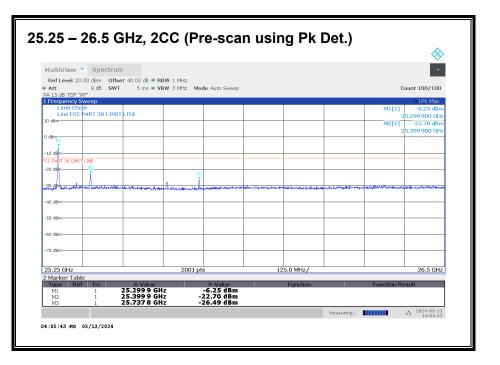
Page 294 of 357

25.25 - 26.5 GHz n258 SB2, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
25.762	3.3	Н	-26.95	-13	-13.95
25.762	3.3	V	-28.97	-13	-15.97

Page 295 of 357

25.25 - 26.5 GHz n258 SB2, 2CC



Worst case configuration: SISO-DUAL QPSK (100 MHz + 100 MHz) High CH RB Offset 1/32 (1RB-M)

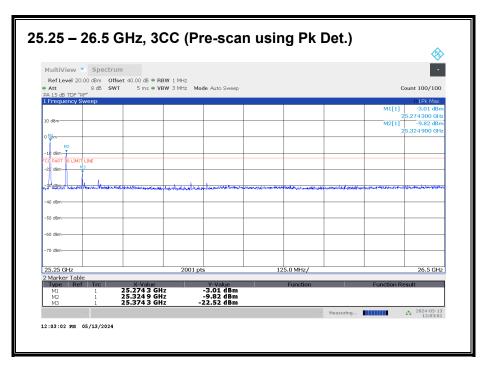
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP TRP Limi		Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
25.299	3.3	-22.56	-13	-9.56

Page 296 of 357

25.25 - 26.5 GHz n258 SB2, 3CC



Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz + 50 MHz)_High CH_RB Offset 1/15(1RB-M)

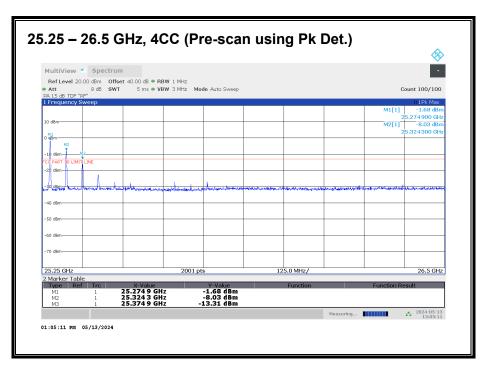
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
25.274	3.3	-18.20	-13	-5.20

Page 297 of 357

25.25 - 26.5 GHz n258 SB2, 4CC



Worst case configuration:

SISO-DUAL_QPSK_(50 MHz + 50 MHz + 50 MHz + 50 MHz)_High CH_RB Offset 1/15(1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

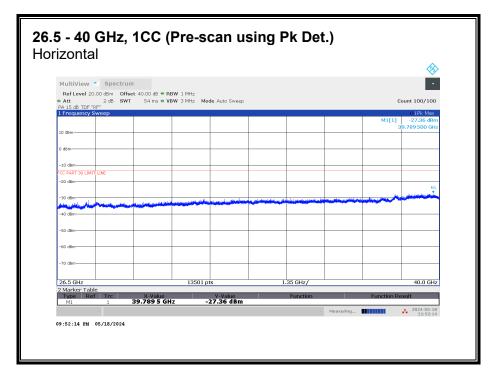
All emissions were investigated, and the highest emission was reported.

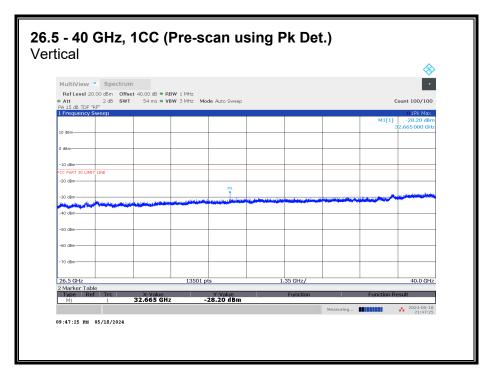
Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
25.274	3.3	-18.23	-13	-5.23

UL VERIFICATION SERVICES INC 47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888 This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

Page 298 of 357

8.4.16. RSE n258 SB2 26.5 - 40 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

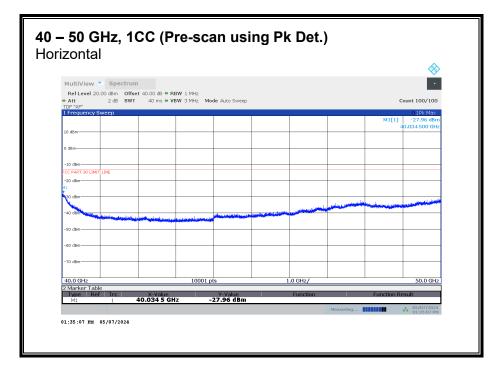
Page 299 of 357

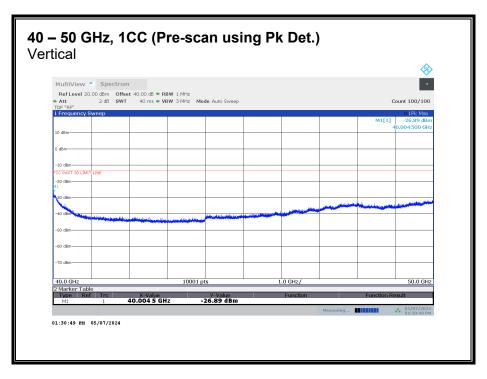
26.5 - 40 GHz n258 SB2, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
32.665	3	Н	-41.66	-13	-28.66
32.665	3	V	-32.05	-13	-19.05

Page 300 of 357

8.4.17. RSE n258 SB2 40 - 50 GHz

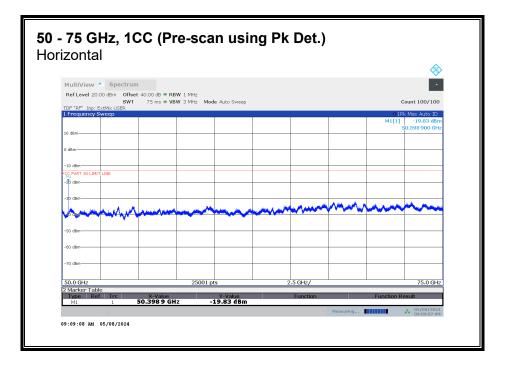


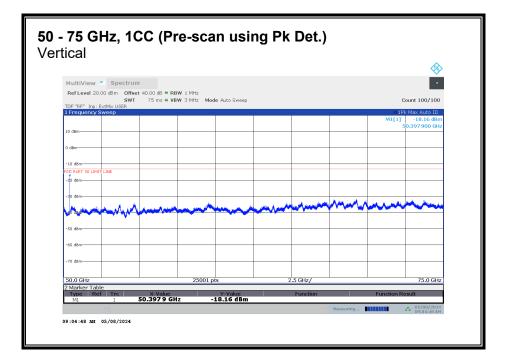


No emission detected using Peak Detection.

Page 301 of 357

8.4.18. RSE n258 SB2 50 - 75 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

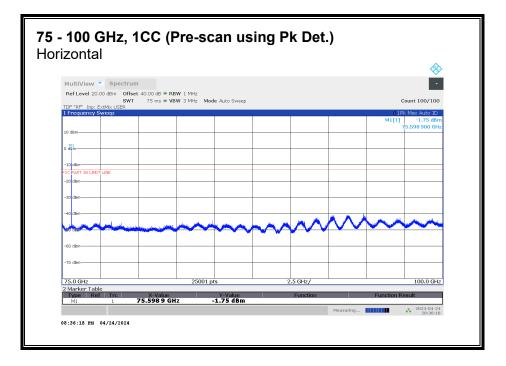
Page 302 of 357

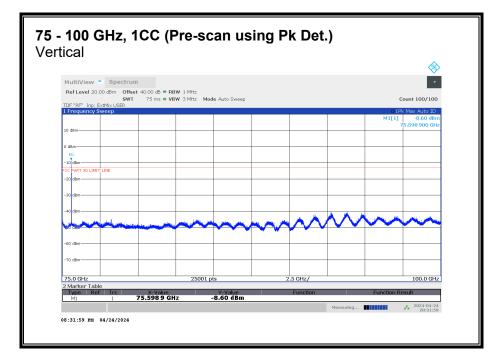
50 - 75 GHz n258 SB2, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
50.398	1.5	Н	-41.66	-13	-28.66
50.398	1.5	V	-20.57	-13	-7.57

Page 303 of 357

8.4.19. RSE n258 SB2 75 - 100 GHz





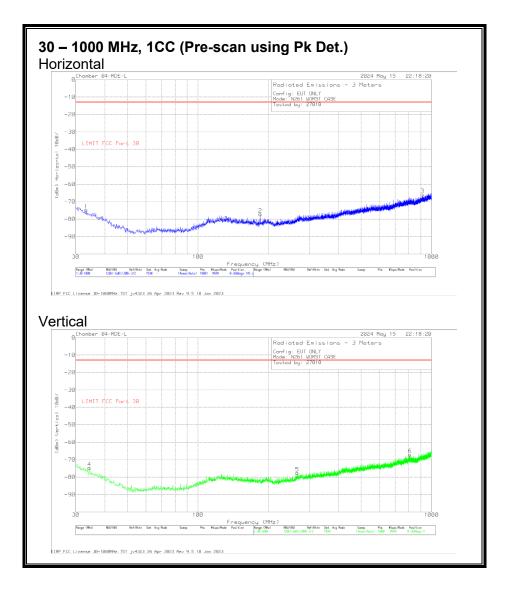
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

Page 304 of 357

75 - 100 GHz n258 SB2

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
75.599	1	-18.19	-13	-5.19

Page 305 of 357



8.4.20. RSE n261 30 – 1000 MHz

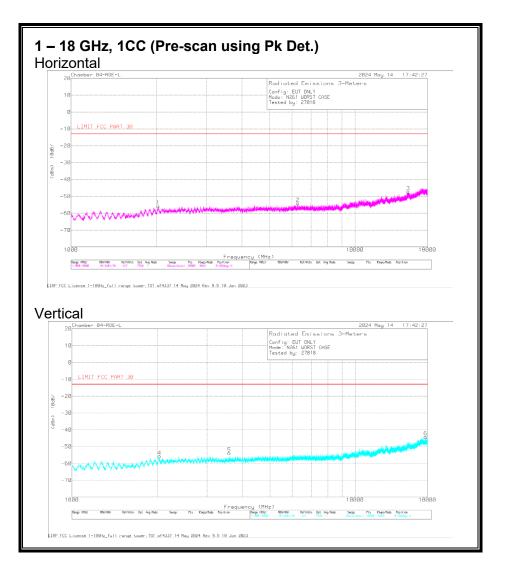
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	174374 ANSI ACF (dB/m)	Amp/Cbls (dB)	Unit Conversion (dB)	Corrected Reading (dBm)	FCC Part 30 TRP Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	33.201	-80.05	Pk	24.5	-31	11.7	-74.85	-13	-61.85	0-360	149	Н
2	185.103	-76.57	Pk	17.1	-29.5	11.7	-77.27	-13	-64.27	0-360	149	Н
3	915.707	-79.5	Pk	28.2	-26.3	11.7	-65.9	-13	-52.9	0-360	149	Н
4	34.365	-78.72	Pk	23.4	-31	11.7	-74.62	-13	-61.62	0-360	150	V
5	266.292	-78.92	Pk	18.8	-29.2	11.7	-77.62	-13	-64.62	0-360	150	V
6	808.134	-78.86	Pk	27.3	-27.2	11.7	-67.06	-13	-54.06	0-360	150	V

Pk - Peak detector

Page 306 of 357





Trace Markers

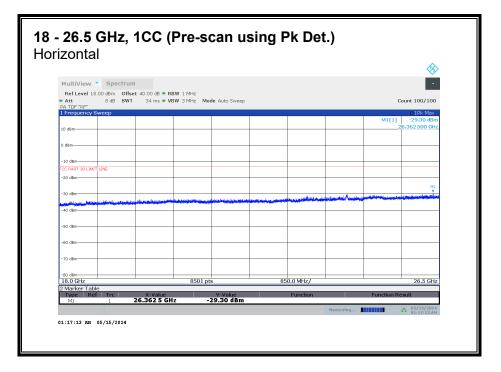
Marker	Frequency (MHz)	Meter Reading (dBm)	Det	206805 ACF (dB/m)	Amp/Cbl (dB)	Unit Conversion (dB)	Corrected Reading (dBm)	FCC Part 30 TRP Limit (dBm)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2028.552	-47.18	Pk	31.5	-51.7	11.7	-55.68	-13	-42.68	0-360	199	Н
2	6293.218	-58.03	Pk	35.6	-43.5	11.7	-54.23	-13	-41.23	0-360	399	Н
3	15394.628	-61.79	Pk	40.2	-37.3	11.7	-47.19	-13	-34.19	0-360	399	Н
4	2039.603	-47.26	Pk	31.6	-51.7	11.7	-55.66	-13	-42.66	0-360	101	V
5	3590.931	-49.44	Pk	33	-49.1	11.7	-53.84	-13	-40.84	0-360	400	V
6	17731.396	-65.51	Pk	41.6	-31.9	11.7	-44.11	-13	-31.11	0-360	400	V

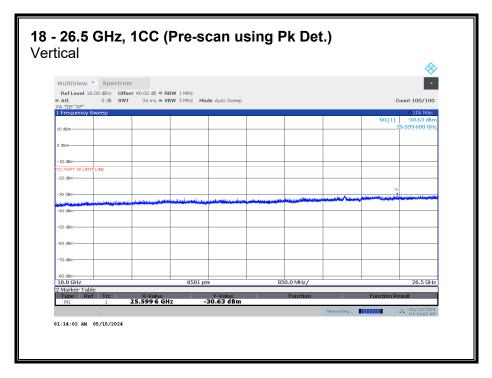
Pk - Peak detector

Page 307 of 357

UL VERIFICATION SERVICES INC 47173 BENICIA STREET, FREMONT, CA 94538, USA TEL: (510) 319-4000 FAX: (510) 661-0888 This report shall not be reproduced except in full, without the written approval of UL Verification Services Inc.

8.4.22. RSE n261 18 - 26.5 GHz



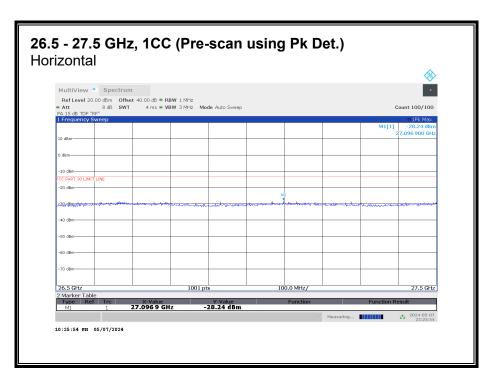


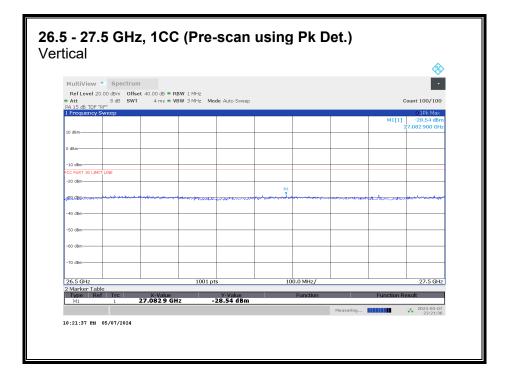
No emission detected using Peak Detection.

Page 308 of 357

8.4.23. RSE n261 26.5 - 27.5 GHz

Note: 27.5 - 28.35 GHz covered by Fundamental and BE measurements.

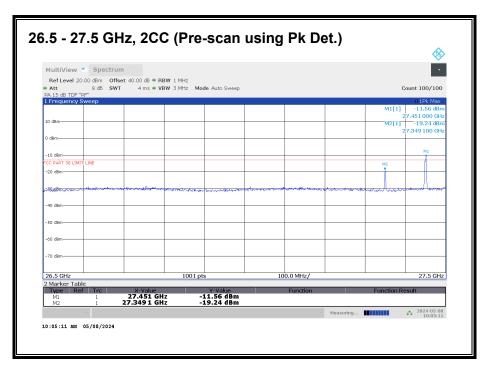




No emission detected using Peak Detection.

Page 309 of 357

<u>26.5 – 27.5 GHz n261, 2CC</u>



Worst case configuration: SISO-DUAL_QPSK_(100 MHz + 100 MHz)_Low CH_RB Offset 1/32 (1RB-M)

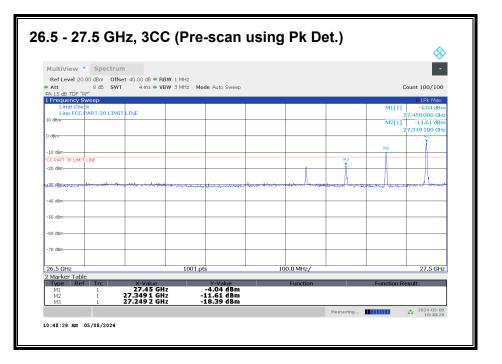
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
27.449	3	-23.95	-13	-10.95

Page 310 of 357

<u>26.5 – 27.5 GHz n261, 3CC</u>



Worst case configuration:

SISO-DUAL_QPŠK_(100 MHz + 100 MHz+ 100 MHz)_Low CH_RB Offset 1/32 (1RB-M)

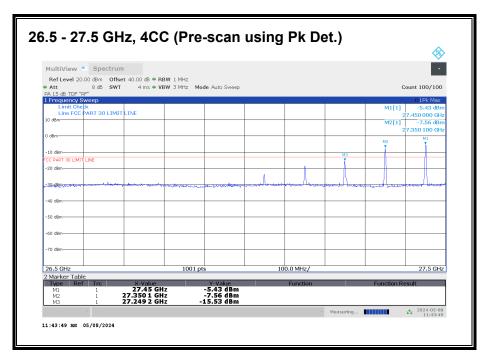
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
27.449	3	-21.76	-13	-8.76

Page 311 of 357

<u>26.5 – 27.5 GHz n261, 4CC</u>



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz+ 100 MHz+ 100 MHz)_Low CH_RB Offset 1/32 (1RB-M)

Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

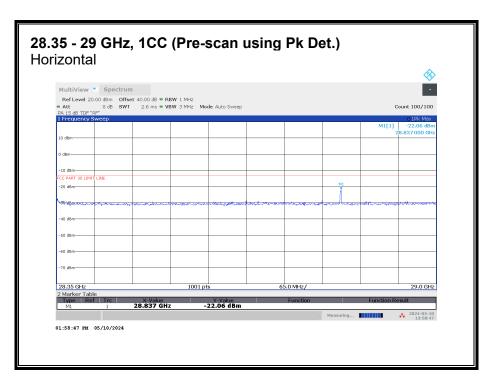
All emissions were investigated, and the highest emission was reported.

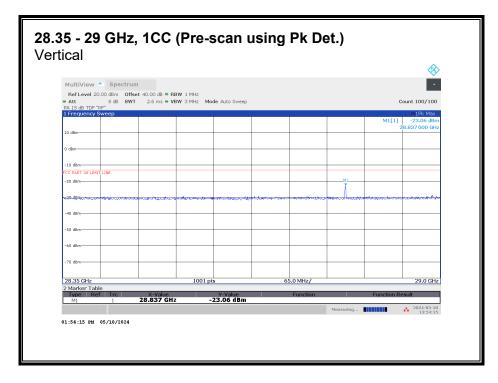
Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
27.449	3	-21.55	-13	-8.55

Page 312 of 357

8.4.24. RSE n261 28.35 - 29 GHz

Note: 27.5 - 28.35 GHz covered by Fundamental and BE measurements.





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

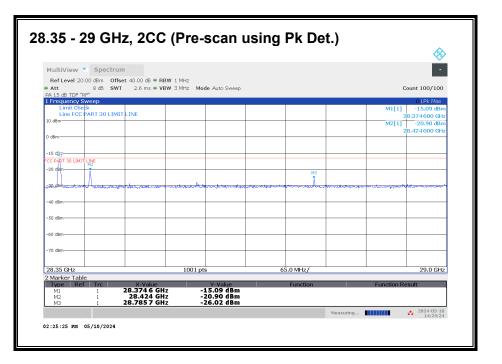
Page 313 of 357

28.35 - 29 GHz n261, 1CC

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
28.836	3	Н	-30.45	-13	-17.45
28.836	3	V	-28.54	-13	-15.54

Page 314 of 357

28.35 - 29 GHz n261, 2CC



Worst case configuration: SISO-DUAL QPSK (50 MHz + 50 MHz) High CH RB Offset 1/15 (1RB-M)

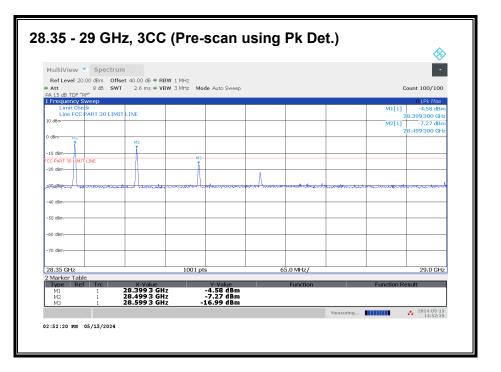
Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
28.374	3	V	-16.97	-13	-3.97

Page 315 of 357

28.35 - 29 GHz n261, 3CC



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz+ 100 MHz)_High CH_RB Offset 1/32 (1RB-M)

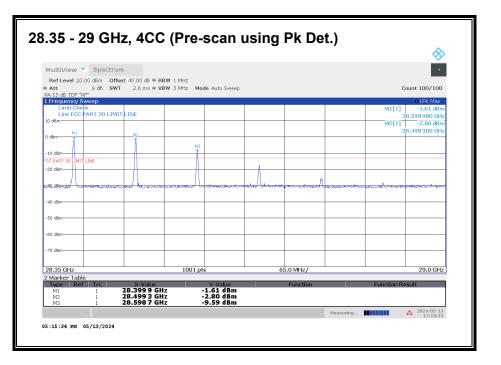
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
28.399	3	-22.15	-13	-9.15

Page 316 of 357

28.35 - 29 GHz n261, 4CC



Worst case configuration:

SISO-DUAL_QPSK_(100 MHz + 100 MHz+ 100 MHz+ 100 MHz)_High CH_RB Offset 1/32 (1RB-M)

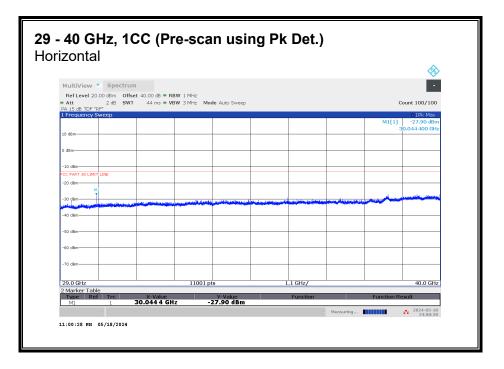
Emissions detected using Peak Detection at pre-scan. Avg EIRP or TRP was measured.

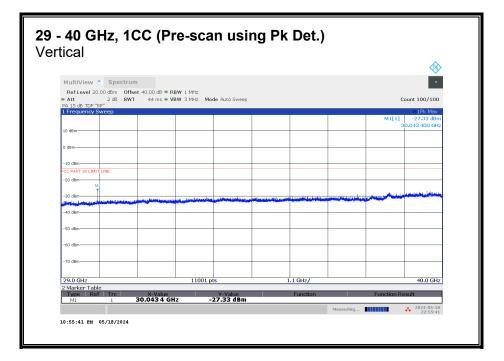
All emissions were investigated, and the highest emission was reported.

Freq.	Meas. Distance	TRP	TRP Limit	Margin
(GHz)	(m)	(dBm)	(dBm)	(dB)
28.399	3	-22.92	-13	-9.92

Page 317 of 357

8.4.25. RSE n261 29 - 40 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

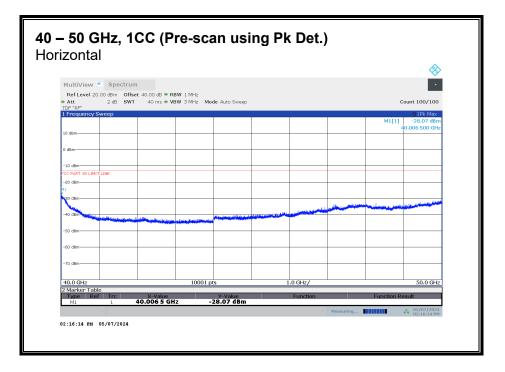
Page 318 of 357

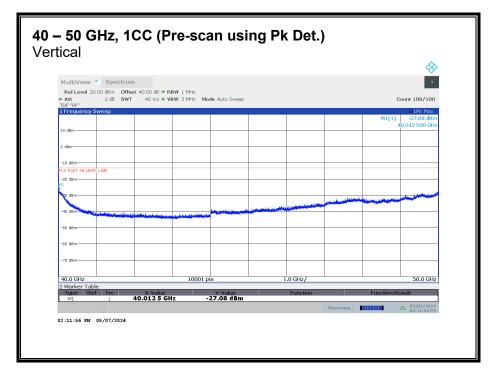
<u>29 - 40 GHz n261, 1CC</u>

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
30.043	3	Н	-29.16	-13	-16.16
30.043	3	V	-28.53	-13	-15.53

Page 319 of 357

8.4.26. RSE n261 40 - 50 GHz

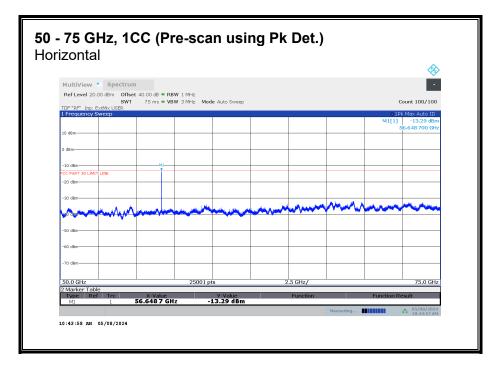


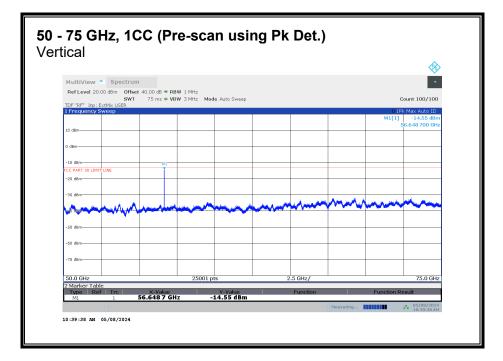


No emission detected using Peak Detection.

Page 320 of 357

8.4.27. RSE n261 50 - 75 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

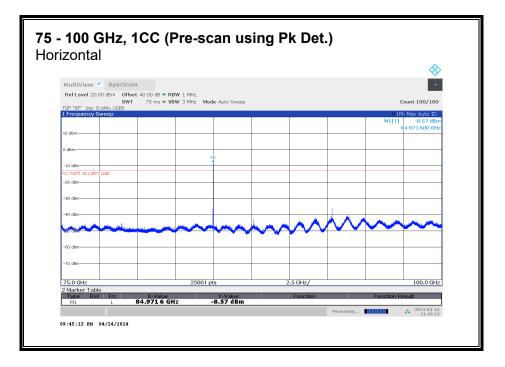
Page 321 of 357

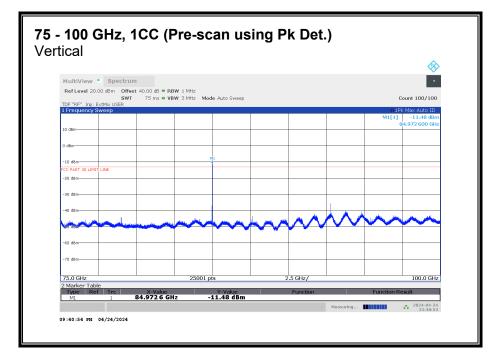
<u>50 - 75 GHz n261, 1CC</u>

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
56.648	1.5	Н	-36.41	-13	-23.41
56.648	1.5	V	-20.94	-13	-7.94

Page 322 of 357

8.4.28. RSE n261 75 - 100 GHz





Emissions detected using Peak Detection at pre-scan. Avg EIRP was measured.

Page 323 of 357

<u>75 - 100 GHz n261, 1CC</u>

Freq.	Meas. Distance	Rx Ant. Polarity	Corrected Avg EIRP	TRP Limit	Margin
(GHz)	(m)	H/V	(dBm)	(dBm)	(dB)
84.972	1	Н	-34.38	-13	-21.38
84.972	1	V	-14.94	-13	-1.94

Page 324 of 357