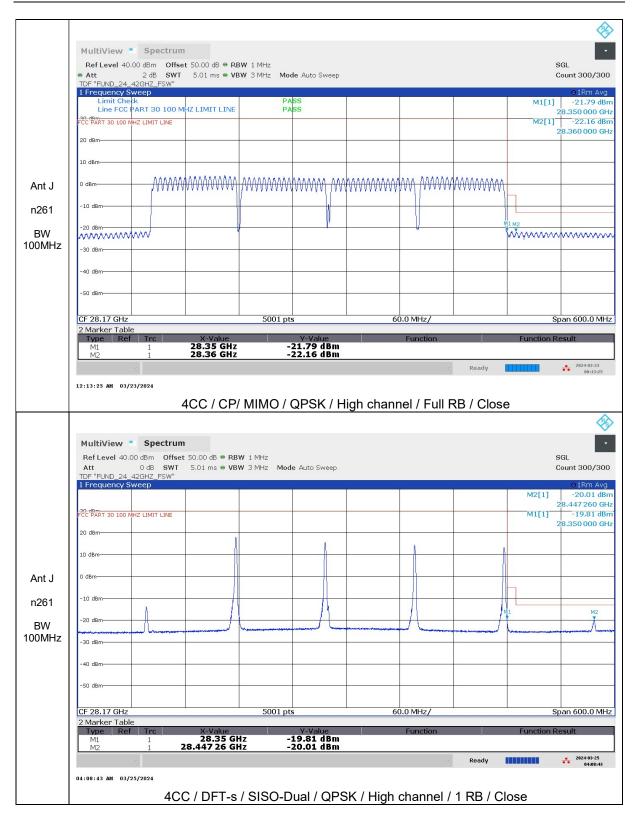
FORM ID: FCC 30(05)



Page 73 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential



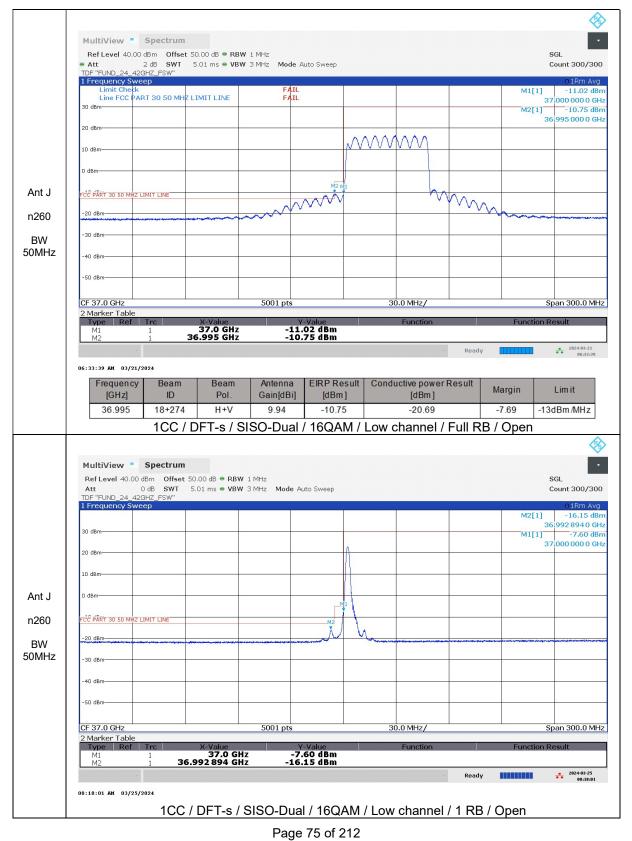
Page 74 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433

FORM ID: FCC 30(05)

UL KOREA LTD. Confidential This report shall not be reproduced except in full, without the written approval of UL Korea, Ltd.

Antenna 1 / Ant J / Band n260



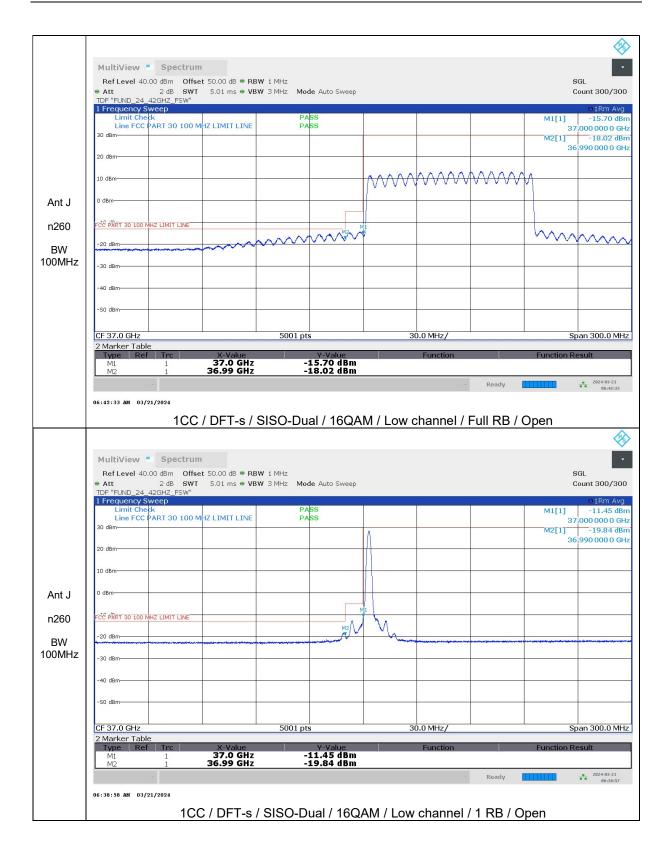
UL KOREA LTD. Suwon Laboratory

FORM ID: FCC_30(05)

218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

	MultiView	Spectrum							
		0 dBm Offset 5 2 dB SWT			ute Curre				SGL Count 300/300
	TDF "FUND_24_4 1 Frequency Sw	2GHZ_FSW"	5.01 ms • VBW	S MINZ MODE P	ato sweep				01Rm Avg
	Limit Check		LIMIT LINE	FAIL FAIL				M1[
	FCC PART 30 50 MHZ							M2[
	20 dBm								40,005,000,0 GHz
	10 dBm			m	\sim				
	0 dBm								
Ant J	-10 dBm				M1-M2	(1) (1) (1)			
Anti		and a second and a s	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			And a			
n260	-20 dBm								
BW	-30 dBm								
50MHz	-40 dBm								
	-50 dBm								
	CF 40.0 GHz			E001 pto		30.0 MHz/			Span 300.0 MHz
	2 Marker Table		V Value	5001 pts	Colu-			E	
	M1 M2	1	X-Value 40.0 GHz 0.005 GHz	-8.	-Value 50 dBm 35 dBm	Function		Funcu	on Result
		-				~	Ready		2024-03-21 08:26:40
	08:26:41 AM 03/21	1/2024							
	Frequency	Beam ID	Beam Pol.	Antenna	EIRP Result		Result	Margin	Limit
	[GHz] 40.005	18+274	H+V	Gain[dBi] 10.00	[dBm] -8.35	[dBm] -18.35		-5.35	-13dBm/MHz
		1CC / D	DFT-s / SI	I SO-Dual /	/ 16QAM /	ı High channel /	Full R	3 / Open	ب ــــــــــــــــــــــــــــــــــــ
									B
									X.Y
	MultiView	Spectrum							•
	RefLevel 40.00	0 dBm Offset 50			uto Sween				SGL Count 300/300
	Ref Level 40.00 Att TDF "FUND_24_4	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW"		1 MHz 3 MHz Mode At	uto Sweep				Count 300/300
	Ref Level 40.00 Att	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW"			uto Sweep			M2[Count 300/300 0 1Rm Avg 1] -11.36 dBm
	Ref Level 40.00 Att TDF "FUND_24_4	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep			M2[Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 01Rm Avg 1] -11.36 dBm 40,006 589 0 GHz
	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw FCC "PART 30 50 MHZ 20 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
Ant I	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw FCC PART 30 50 MH2 20 dBm 10 dBm 0 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
Ant J	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw -0.49m FCC 'PART 30 50 MH2 20 dBm 10 dBm 0 dBm -10 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
Ant J n260	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw PCC PART 30 50 MH2 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw -0.49m FCC 'PART 30 50 MH2 20 dBm 10 dBm 0 dBm -10 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
n260	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw PCC PART 30 50 MH2 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw 20.49m 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep				Count 300/300 0 1Rm Avg 1] -11.36 dBm 40.006 589 0 GHz 1] -7.31 dBm
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw PCC PART 30 50 MH2 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -20 dBm -50 dBm -50 dBm	0 dBm Offset 50 0 dB SWT 5 2GHZ_FSW" veep			uto Sweep	30.0 MHz/			Count 300/300
n260 BW	Ref Level 40.00 Att TOF "FUND_24_4 1 Frequency Sw -30.49m PCC "PART 30 50 MH2 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm CF 40.0 GHz 2 Marker Table	0 dBm Offset 50 0 dB SWT 5 22GHZ_FSW" veep	5.01 ms • VBW	3 MHz Mode Av		30.0 MHz/		M1[Count 300/300
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw -30.49m 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm CF 40.0 GHz	0 dBm Offset 50 0 dB SWT 5 22GHZ_FSW" veep 2 LIMIT LINE		3 MHz Mode Av	uto Sweep	30.0 MHz/		M1[Count 300/300
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw 20.49m 20.08m 10.08m 0.08m -20.08m -30.08m -30.08m -50.08m CF 40.0 GHz 2 Marker Table Type Ref	0 dBm Offset 50 0 dB SWT 5 22GHZ_FSW" veep 2 LIMIT LINE	X-Value 40.0 GH2	3 MHz Mode Av	-Value 		Ready	M1[Count 300/300
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw 20.49m 20.08m 10.08m 0.08m -20.08m -30.08m -30.08m -50.08m CF 40.0 GHz 2 Marker Table Type Ref	0 dBm Offset 50 0 dB SWT 2 dB SWT	X-Value 40.0 GH2	3 MHz Mode Av	-Value 31 dBm 36 dBm	Function		Function	Count 300/300
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency State 20 dBm 20 dBm 10 dBm 10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm 06:28:21 Att 03/23 Frequency	0 dBm Offset 50 0 dB SWT 2 dB SWT 1 40. 5/2024 Beam	5.01 ms = VBW	3 MHz Mode Av	Value 31 dBm 36 dBm	Function		Function	Count 300/300
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw 30:000 FC:000 20 dBm 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm CF 40.0 GHz 2 Marker Table Type M1 M2	0 dBm Offset 50 0 dB SWT 2 dB SWT	X-Value 40.0 GH2 006 589 GH2	3 MHz Mode Av	-Value 31 dBm 36 dBm	Function		Function	Count 300/300
n260 BW	Ref Level 40.00 Att TDF "FUND_24_4 1 Frequency Sw -30-49m 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -20 dBm -30 dBm -30 dBm -30 dBm -50 dBm -50 dBm CF 40.0 GHz 2 Marker Table Type M1 M2 06:28:21 Att 07/23	0 dBm Offset 50 0 dB SWT 0 dB SWT 0 dB SWT 0 dB SWT 2 dB SWT 2 LIMIT LINE Image: Strategy of the strateg	X-Value 40.0 GHz 006 589 GHz Beam Pol. H+V	3 MHz Mode Av 5001 pts 5001 pts 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	Value 31 dBm 36 dBm EIRP Result [dBm] -11.36	Function Conductive power [dBm]	Result	Function Margin -8.36	Count 300/300

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential



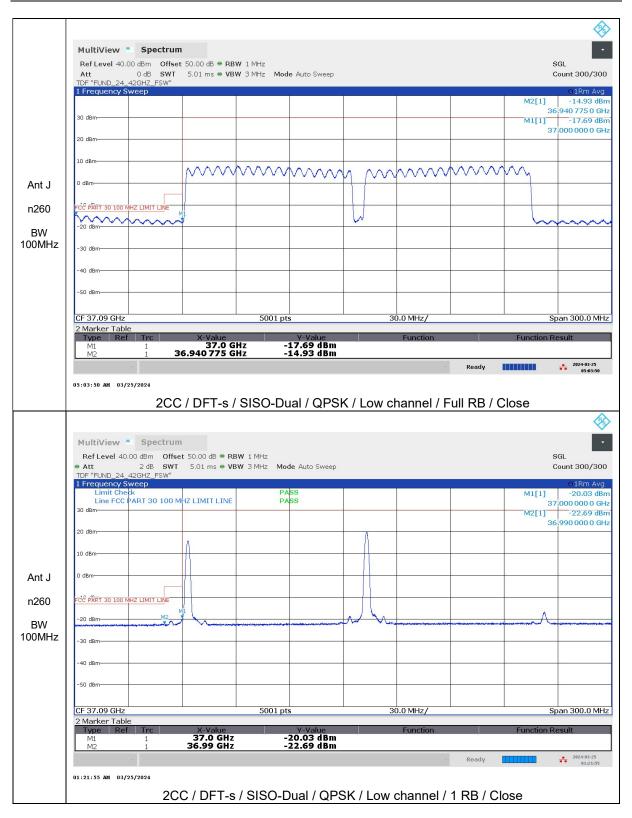
Page 77 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

	MultiView	Spectrum						
		dBm Offset 50	0.00 dB 🖷 RBW	1 MHz				SGL
	Att TDF "FUND_24_42	2 dB SWT 5 GHZ FSW"	.01 ms 🖷 VBW 1	3 MHz Mode A	uto Sweep			Count 300/300
	1 Frequency Swe Limit Check	еер	1	PASS			м	01Rm Avg 1[1] -13.10 dBm
	Line FCC PA	RT 30 100 MHZ L	IMIT LINE	PASS				40,000 000 0 GHz
	FCC PART 30 100 MHZ	LIMIT LINE					M	2[1] -13.59 dBm 40.010 000 0 GHz
	20 dBm-					v v		
	10 dBm	~~~	\dots	m	m		9	~ ~ ~
	0 dBm-				3			
	Discontente							
Ant J	-10 dBm	~~			M1 M2			
n260	-20 dBm						and the second second second second	
DW/	-30 dBm							
BW 100MHz								
	-40 dBm							
	-50 dBm							
	CF 40.0 GHz			5001 pts		30.0 MHz/		Span 300.0 MHz
	2 Marker Table							
	Type Ref M1	1 4	X-Value 40.0 GHz	-13.:	Value 10 dBm	Function	Fun	ction Result
	M2	1 40	0.01 GHz	-13.	59 dBm		Ready	2024-03-21
	08:32:31 AM 03/21/	2024					nouty	08:32:31
	2.500-00.0000000000000000000000000000000	oorseed.	Beam	Antenna	EIRP Result (Conductive power R	locult	
	Frequency [GHz]	ID	Pol.	Gain[dBi]	[dBm]	[dBm]	Margin	Limit
	40.010	18+274	H+V	10.00	-13.59	-23.59	-10.59	-13dBm/MHz
		1CC	C / CP / M	IIMO / 160	QAM / High o	channel / Full	RB / Open	
								A
	MultiView	Spectrum						*
	Ref Level 40.00	dBm Offset 50						SGL
	Ref Level 40.00 Att TDF "FUND_24_42	dBm Offset 50 2 dB SWT 5 GHZ_FSW"			uto Sweep			Count 300/300
	Ref Level 40.00 Att TDF "FUND_24_42 <u>1 Frequency Swa</u> Limit Check) dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai	uto Sweep		м	
	Ref Level 40.00 Att TDF "FUND_24_42 1 Frequency Swe Limit Chesk Line FCC PA	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode A	uto Sweep			Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz
	Ref Level 40.00 Att TDF "FUND_24_42 I Frequency Swe Lime FCC PA FCC PART 30 100 MH2	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai	uto Sweep			Count 300/300 01Rm Avg 1[1] -11.64 dBm
	Ref Level 40.00 Att TDF "FUND_24_42 1 Frequency Swe Limit Chesk Line FCC PA	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai	uto Sweep			Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
	Ref Level 40.00 Att TDF "FUND_24_42 I Frequency Swe Lime FCC PA FCC PART 30 100 MH2	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai	uto Sweep			Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
Ant J	Ref Level 40.00 Att TDF "FUND_24_42 I Frequency Swe Limit Check Line FCC PA FCC PART 30 100 MH2 20 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai	uto Sweep			Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
Ant J	Ref Level 40.00 Att TDF "FUND_24_42 I Frequency Swe Limit Chekk Line FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm 0 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
Ant J n260	Ref Level 40.00 Att TDF "FUND_24_42 Limit Check Limit Check Lime FCC PA SCC PART 30 100 MH2 20 dBm 10 dBm 0 dBm -10 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260 BW	Ref Level 40.00 Att TDF "FUND_24_42 I Frequency Swe Limit Chekk Line FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm 0 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260	Ref Level 40.00 Att TDF "FUND_24_42 Limit Check Limit Check Lime FCC PA SCC PART 30 100 MH2 20 dBm 10 dBm 0 dBm -10 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260 BW	Ref Level 40.00 Att TDF "FUND_24_42 I Frequency Swe Limit Chesk Line FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm -10 dBm -20 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Check Limit Check 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260 BW	Ref Level 40.00 Att TDF "FUND 24 42 I Frequency Swe Limit Chesk Line FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai				Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Check Limit Check 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	0 dBm Offset 50 2 dB SWT 5 GHZ_FSW" eep RT 30 100 MHZ L	.01 ms 🖷 VBW 🗄	3 MHz Mode Ai		30.0 MHz/		Count 300/300 01Rm Avg 1[1] -11.64 dBm 40,000 000 0 GHz 2[1] -15.69 dBm
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Check Limit Check Limit Check 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -30 dBm -50 dBm CF 40.0 GHz 2 Marker Table	Trc	.01 ms • VBW : .IMIT LINE	3 MHz Mode Av	Value	30.0 MHz/		Count 300/300
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Check Limit Check Limit Check 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm CE 40.0 GHz 2 Marker Table	ABm Offset 5C 2 dB SWT 5 GHZ_FSW" eep RT 30 100 M HZ L LIMIT LINE	.01 ms • VBW : .IMIT LINE	3 MHz Mode Av				Count 300/300
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Chekk Lime FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 40.0 GHz 2 Marker Table Type M1	ABm Offset 5C 2 dB SWT 5 GHZ_FSW" eep RT 30 100 M HZ L LIMIT LINE	X-Value X-Value	3 MHz Mode Av	-Value 64 dBm			Count 300/300
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Chekk Lime FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 40.0 GHz 2 Marker Table Type M1	OBm Offset 50 2 dB SWT 2 dB SWT SCHZ FSW"	X-Value X-Value	3 MHz Mode Av	-Value 64 dBm		Fun	Count 300/300
n260 BW	Ref Level 40.00 • Att TDF "FUND_24_42 I Frequency Swe Limit Check Line FCC PA FCC PART 30 100 MH2 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -20 dBm -50 dBm -50 dBm CF 40.0 GHz 2 Marker Table M1 M2	OBm Offset 50 2 dB SWT SGHZ FSW" SCP RT 30 100 MHZ L CLIMIT LINE Image: Climit time Image: Climit time Image: Climit time Image: Climit time Image: Climit time SUBJECT Image: Climit time Image: Climit time Image: Climit time Image: Climit tima Image: Cli	.01 ms • VBW :	3 MHz Mode Av PASS PASS 0 0 0 0 0 0 0 0 0 0 0 0 0	Value 64 dBm 69 dBm		Ready	Count 300/300

Page 78 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential



Page 79 of 212

UL KOREA LTD. Suwon Laboratory

FORM ID: FCC 30(05) 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433

UL KOREA LTD. Confidential This report shall not be reproduced except in full, without the written approval of UL Korea, Ltd.

							\$
	MultiView	Spectrum	1				
	Ref Level 40.		t 50.00 dB 🖷 RBV			SGL	
	 Att TDF "FUND_24_ 		5.01 ms 🖷 VBV	V 3 MHz Mode Auto Sweep		Count 300/300	0
	1 Frequency S Limit Che			PASS		O1Rm Avg M1[1] -15.91 dBi	
	Line FCC I	PART 30 100 M	HZ LIMIT LINE	PASS		40,000,000 0 GF	Ηz
	30-dBm FCC PART 30 100 N	IHZ LIMIT LINE				M2[1] -15.57 dB 40.010 000 0 GH	
	20 dBm						
	10 dBm						-
Ant J	0 dBm	\sim	\sim	mmm	\dots		
n260	-10 dBm					M1 M2	
BW	-20 dBm						_
100MHz	-30 dBm						
	-40 dBm						
	-50 dBm						-
	CF 39.91 GHz			E001 ata	30.0 MHz/	Span 300.0 MH	
	2 Marker Tabl			5001 pts			12
	Type Ref	1 Trc	X-Value 40.0 GHz	Y-Value -15.91 dBm	Function	Function Result	
	M2	1	40.01 GHz	-15.57 dBm	_	Ready 2024-03-21	
	10.55.53 88.03/	1 (000 (10:56:52	
	10:56:53 AM 03/:				:		
				N/IIN/ICI / IBCIAN/I / H		RB/Upen	
		-	007017		igh channel / Full		2
		Spectrum	1				•
		Spectrum	1 t 50.00 dB ● RBV			SGL Count 300/300	•
	Ref Level 40. Att TDF "FUND_24_	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW"	1 t 50.00 dB ● RBV	V 1 MHz		SGL Count 300/300	
	Ref Level 40. Att TDF "FUND_24_ <u>1 Frequency S</u> Limit Che	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep	t 50.00 dB • RBV 5.01 ms • VBV	V 1 MHz		SGL Count 300/300 01Rm Avg M1[1] -16.04 dBi) m
	Ref Level 40. Att TDF "FUND_24_ <u>1 Frequency S</u> Limit Che	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PA\$S		SGL Count 300/300 01Rm Avg M1[1] -16.04 dB 40.000 000 06 M2[1] -17.03 dB	m Hz
	Ref Level 40. Att TDF "FUND_24 I Frequency S Limit Che Line FCC I	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PA\$S		SGL Count 300/300 01Rm Avg M1[1] -16.04 dBi 40,000 000 0 GF	m Hz
	Ref Level 40. Att TDF "FUND 24 I Frequency S Limit Che Line FCC 1 FCC PART 30 100 M 20 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PA\$S		SGL Count 300/300 01Rm Avg M1[1] -16.04 dB 40.000 000 06 M2[1] -17.03 dB	m Hz
	Ref Level 40. Att TDF "FUND_24_ 1 Frequency S Limit Che Line FCC I FCC PART 30 100 M	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PA\$S		SGL Count 300/300 01Rm Avg M1[1] -16.04 dB 40.000 000 06 M2[1] -17.03 dB	m Hz
Ant J	Ref Level 40. Att TDF "FUND 24 I Frequency S Limit Che Line FCC 1 FCC PART 30 100 M 20 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PA\$S		SGL Count 300/300 01Rm Avg M1[1] -16.04 dB 40.000 000 06 M2[1] -17.03 dB	m Hz
	Ref Level 40. • Att TDF "FUND 24. I Frequency S Limit Che Limit Che C PART 30 100 N 20 dBm- 10 dBm-	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 01Rm Avg 40,000 000 0 G M2[1] -17.03 dBi 40,010 000 0 G 40,010 000 0 G	m Hz
n260	Ref Level 40. Att TDF "FUND_24 I Frequency S Limit Che Line FCC I FCC PART 30 100 M 20 dBm 10 dBm -10 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 01Rm Avg M1[1] -16.04 dB 40.000 000 06 M2[1] -17.03 dB	m Hz
n260 BW	Ref Level 40. Att TDF "FUND 24 I Frequency S Limit Che Line FCC I FCC PART 30 100 M 20 dBm- 10 dBm-	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 M1[1] -16.04 dB 40.000 000 GH M2[1] -17.03 dB 40.010 000 0 GH	m Hz
n260	Ref Level 40. Att TDF "FUND_24 I Frequency S Limit Che Line FCC I FCC PART 30 100 M 20 dBm 10 dBm -10 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 M1[1] -16.04 dB 40.000 000 GH M2[1] -17.03 dB 40.010 000 0 GH	m Hz
n260 BW	Ref Level 40. • Att TDF "FUND_24 I Frequency S Limit Che Line FCC I FCC PART 30 100 M 20 dBm 10 dBm -10 dBm -20 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 M1[1] -16.04 dB 40.000 000 GH M2[1] -17.03 dB 40.010 000 0 GH	m Hz
n260 BW	Ref Level 40. • Att TDF "FUND 24. I Frequency S Limit Che. Inc FCC 1 PCC PART 30 100 N 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 M1[1] -16.04 dB 40.000 000 GH M2[1] -17.03 dB 40.010 000 0 GH	m Hz
n260 BW	Ref Level 40. Att TDF "FUND_24 I Frequency S Limit Che Line FCC I FCC PART 30 100 M 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	Spectrum 00 dBm Offse 2 dB SWT 42GHZ_FSW" weep k k ART 30 100 M	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS		SGL Count 300/300 M1[1] -16.04 dB 40.000 000 GH M2[1] -17.03 dB 40.010 000 0 GH	m Hz
n260 BW	Ref Level 40. • Att TDF "FUND_24 IFrequency S Limit Che Lime FCC I FCC PART 30 100 N 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.91 GHz	Spectrum O0 dBm Offse 2 dB SWT 2 dB SWT 42GHZ_FSW" weep K ART 30 100 M H2 LIMIT LINE	t 50.00 dB • RBV 5.01 ms • VBV	¥ 1 MHz ¥ 3 MHz Mode Auto Sweep PASS	30.0 MHz/	SGL Count 300/300 M1[1] -16.04 dB 40.000 000 GH M2[1] -17.03 dB 40.010 000 0 GH	
n260 BW	Ref Level 40. • Att TDF "FUND 24. I Frequency S Limit Che Limit Che 20 dBm 10 dBm 0 dBm -10 dBm -30 dBm -30 dBm -50 dBm -50 dBm CF 39.91 GHz 2 Marker Table Type	Spectrum O0 dBm Offse 2 dB SWT 42GHZ_FSW" wccp k PART 30 100 M H2 LIMIT LINE	t 50.00 dB = RBV 5.01 ms = VBV	V 1 MHz V 3 MHz Mode Auto Sweep PASS PASS 5001 pts V-Value		SGL Count 300/300 01Rm Avg 40.000 000 0 GF 40.010 0 GF	
n260 BW	Ref Level 40. • Att TDF "FUND 24. I Frequency S Limit Che.	Spectrum O0 dBm Offse 2 dB SWT 42GHZ FSW" weep k PART 30 100 M HZ LIMIT LINE	HE SO.00 dB RBW S.01 ms VBV	V 1 MHz V 3 MHz Mode Auto Sweep PASS PASS 5001 pts	30.0 MHz/	SGL Count 300/300 01Rm Avg 40,000 000 0 G M2[1] -17.03 dBi 40,010 000 0 G 40,010 0 G	
n260 BW	Ref Level 40. • Att TDF "FUND_24 I Frequency S Limit Che Line FCC I FCC BART 30 100 M 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.91 GHz 2 Marker Table Type Ref	Spectrum O0 dBm Offse 2 dB SWT 42GHZ_FSW" weep H 4 ART 30 100 M H Z LIMIT LINE	* 50.00 dB • RBV 5.01 ms • VBV	V 1 MHz V 3 MHz Mode Auto Sweep PASS PASS 5001 pts V-Value -16.04 dBm	30.0 MHz/	SGL Count 300/300 018m Avg 40,000 000 0 G M2[1] -17.03 dBr 40,010 0 G M2[1] -1	
n260 BW	Ref Level 40. • Att TDF "FUND_24 I Frequency S Limit Che Line FCC I FCC BART 30 100 M 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.91 GHz 2 Marker Table Type Ref	Spectrum O dem Offse 2 dB SWT 2 dB SWT 42GHZ_FSW* weep ## the second secon	* 50.00 dB • RBV 5.01 ms • VBV	V 1 MHz V 3 MHz Mode Auto Sweep PASS PASS 5001 pts V-Value -16.04 dBm	30.0 MHz/	SGL Count 300/300 01Rm Avg M1[1] -15.04 dB 40.000 000 0 GF M2[1] -17.03 dB 40.010 000 0 GF 010 000 000 0 GF 010 000 000 0 GF 010 000 000 000 000 000 000 0000 0000	
n260 BW	Ref Level 40. • Att TDF "FUND_24. 1 Frequency S Limit Che Limit Che Lime FCC I FCC PART 30 100 N 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.91 GHz 2 Marker Table M1 M2	Spectrum O0 dBm Offse 2 dB SWT 2dBZ_FEX Wcep k PART 30 100 M H2 LIMIT LINE I	t 50.00 dB = RBV 5.01 ms = VBV HZ LIMIT LINE	V 1 MHz V 3 MHz Mode Auto Sweep PASS PASS 5001 pts V-Value -16.04 dBm	30.0 MHz/	SGL Count 300/300 01Rm Avg 40,000 000 0 GH 40,010 0 GH	

Page 80 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

	Multi\/iew	 Spectrum 					
		.00 dBm Offse		3W 1 MHz			SGL
	🖷 Att	2 dB SWT		W 3 MHz Mode Auto Sweep			Count 300/300
	TDF "FUND_24 1 Frequency 9	Sweep	1	2400	r		o1Rm Avg
		eck PART 30 100 M	HZ LIMIT LINE	PASS PASS			M1[1] -20.21 dBm 37,000 000 0 GHz
	30 dBm						M2[1] -20.01 dBm 36,990 000 0 GHz
	20 dBm						301990 000 0 GH2
	10 dBm						
	10 000		000000				mm
Ant J	0 dBm		NVVVVV	mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	ANANAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	100000	
n260	FCC PRT 30 100						
11200		M2 N	1				
BW	20,dBm			Ť			
100MHz	-30 dBm						
	-40 dBm						
	TO UDIN						
	-50 dBm						
	CF 37.12 GHz			5001 pts	40.0 MHz/		Span 400.0 MHz
	2 Marker Tab						
	Type Re M1	f Trc 1	X-Value 37.0 GHz		Function		Function Result
	M2	1	36.99 GHz	-20.01 dBm		Des d	2024-03-21
		~				Ready	2024-03-21 10:19:39
	10:19:39 AM 03/						
		3CC	; / DFT-s /	SISO-Dual / QPS	K / Low channel / I	Full RB / (Open
							\$
	MultiView	Spectrum	1				
		.00 dBm Offse	t 50.00 dB 🖷 RE				SGL
		.00 dBm Offse 2 dB SWT	t 50.00 dB 🖷 RE	3W 1 MHz 3W 3 MHz Mode Auto Sweep			SGL Count 300/300
	Ref Level 40 Att TDF "FUND_24 1 Frequency S	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB 🖷 RE				Count 300/300 01Rm Avg
	Ref Level 40 Att TDF "FUND_24 1 Frequency S Limit Che Line FCC	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 0 1Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz
	Ref Level 40 Att TDF "FUND_24 1 Frequency S Limit Che	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 0 1Rm Avg M1[1] -19.49 dBm
	Ref Level 40 Att TDF "FUND_24 1 Frequency S Limit Che Line FCC	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 01Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz M2[1] -22.52 dBm
	Ref Level 40 Att TDF "FUND_24 <u>1 Frequency S</u> Limit Che Line FCC 30 dBm	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 01Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz M2[1] -22.52 dBm
	Ref Level 40 Att TDF "FUND 24. I Frequency S Limit Che Line FCC 30 dBm 20 dBm 10 dBm	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 01Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz M2[1] -22.52 dBm
Ant J	Ref Level 4C Att TOF "FUND_24 Limit Che Line FCC 30 dBm 20 dBm	.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 01Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz M2[1] -22.52 dBm
Ant J n260	Ref Level 40 Att TDF "FUND 24. I Frequency S Limit Che Line FCC 30 dBm 20 dBm 10 dBm	00 dBm Offse 2 dB SWT 42GHZ_FSW" weep AR 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 01Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz M2[1] -22.52 dBm
n260	Ref Level 40 Att TDF "FUND 24 I Frequency S Limit Che Line FCC 30 dBm 20 dBm 10 dBm 0 dBm	00 dBm Offse 2 dB SWT 42GHZ_FSW" weep kk PART 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300 01Rm Avg M1[1] -19.49 dBm 37,000 000 0 GHz M2[1] -22.52 dBm
n260 BW	Ref Level 40 Att TOF "FUND 24 Ifrequency S Limit Che Lime FCC 30 dBm 10 dBm 0 dBm FCC #ÅRY 30 1001 -20 dBm	0.00 dBm Offse 2 dB SWT 42GHZ_FSW" PART 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300
n260	Ref Level 4C Att TOF "FUND_24 I Frequency S Limit Che Line FCC 30 dBm 20 dBm 10 dBm cc dArt 30 1001	00 dBm Offse 2 dB SWT 42GHZ_FSW" weep kk PART 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300
n260 BW	Ref Level 40 Att TOF "FUND 24 Ifrequency S Limit Che Lime FCC 30 dBm 10 dBm 0 dBm FCC #ÅRY 30 1001 -20 dBm	00 dBm Offse 2 dB SWT 42GHZ_FSW" weep kk PART 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300
n260 BW	Ref Level 40 • Att TOP "FUND 24 IFrequency S Limit Che Lime FCC 30 dBm 10 dBm 0 dBm -20 dBm -30 dBm -40 dBm	00 dBm Offse 2 dB SWT 42GHZ_FSW" weep kk PART 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300
n260 BW	Ref Level 40 Att TDF "FUND 24 I Frequency 2 Limit Che Line FCC 30 dBm 20 dBm 10 dBm rc2 dBm rc2 dBm -20 dBm -30 dBm	00 dBm Offse 2 dB SWT 42GHZ_FSW" weep kk PART 30 100 M	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep			Count 300/300
n260 BW	Ref Level 4C • Att TDF "FUND 24 • Trequency S Limit Che Lime FCC 30 dBm 10 dBm 0 dBm ecc #Art 30 1001 -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm CF 37.12 GHz	0.00 dBm Offse 2 dB SWT 42GHZ_FSW" Weep ART 30 100 M PART 30 100 M HZ LIMIT LINE M2 L	t 50.00 dB ● RE 5.01 ms ● VE	3W 3 MHz Mode Auto Sweep	40.0 MHz/		Count 300/300
n260 BW	Ref Level 400 • Att TOF "FUND 24 I Frequency S Limit Che Limit Che 20 dBm 10 dBm 0 dBm rc2 #ÅRY 30 1001 -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm	e	t 50.00 dB • RE 5.01 ms • VE	PASS PASS PASS 5001 pts Y-Value	40.0 MHz/		Count 300/300
n260 BW	Ref Level 40 • Att TDF "FUND 24. 1 Frequency S Limit Che Limit Che 20 dBm 10 dBm 0 dBm rcc dkRT 30 100 I -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm CF 37.12 GHz 2 Marker Tabl	e	t 50.00 dB • RE 5.01 ms • VE	PASS PASS PASS SOUT pts Y-Value -19.49 dBm			Count 300/300
n260 BW	Ref Level 4C Att TOF "FUND 24 IFrequency S Limit Che Line FCC 30 dBm 20 dBm 0 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 37.12 GHz 2 Marker Tabl Type Re MI	0.00 dBm Offse 2 dB SWT 42GHZ FSW" weep 42GHZ FSW" ART 30 100 M ART 30 M ART	t 50.00 dB = RE 5.01 ms = VE	PASS PASS PASS SPASS SPASS SOUTPTS SOUTPTS Y-Value -19.49 dBm		Ready	Count 300/300
n260 BW	Ref Level 4C Att TOF "FUND 24 IFrequency S Limit Che Line FCC 30 dBm 20 dBm 0 dBm -20 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 37.12 GHz 2 Marker Tabl Type Re MI	e	t 50.00 dB = RE 5.01 ms = VE	PASS PASS PASS SPASS SPASS SOUTPTS SOUTPTS Y-Value -19.49 dBm		Ready	Count 300/300
n260 BW	Ref Level 40 • Att TDF "FUND 24 • Trequency S Limit Che Limit Che 20 dBm 20 dBm 10 dBm 0 dBm FCC #ÅRT 30 1001 -20 dBm -30 dBm -30 dBm -50 dBm CF 37.12 GHz 2 Marker Tabl Type Re M1 M2	00 dBm Offse 2 dB SWT 42GHZ_FSW* WRCED ART 30 100 M MR2 LIMIT LINE MR2 MR2 MR2 MR2 MR2 MR2 MR2 MR2	t 50.00 dB • RE 5.01 ms • VE	PASS PASS PASS SPASS SPASS SOUTPTS SOUTPTS Y-Value -19.49 dBm	Function		Count 300/300

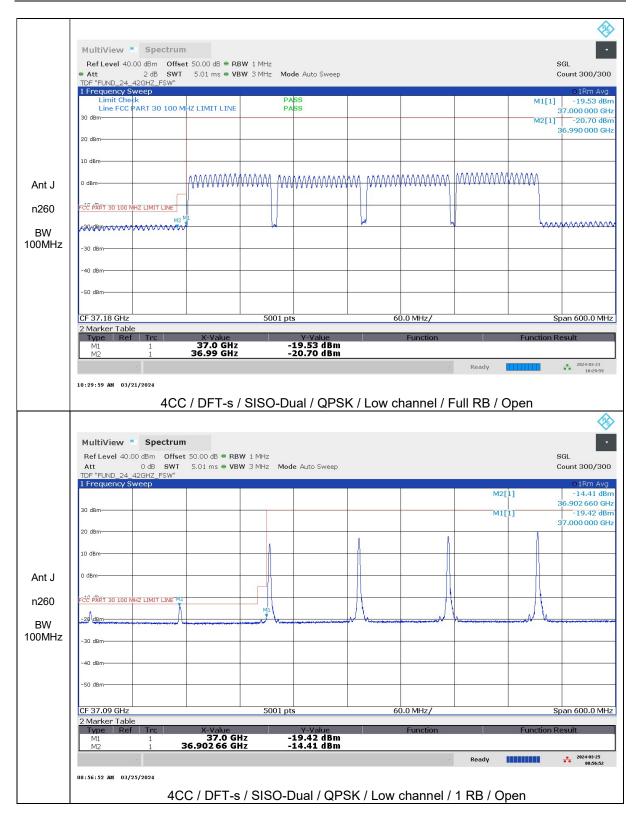
Page 81 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

	MultiView	- Spectrum	1						
		0.00 dBm Offse	t 50.00 dB 🖷 RBV					S	GL
	 Att TDF "FUND_24; 		5.01 ms 🖷 VBV	₩ 3 MHz Mode Auto Swe	ер			C	Count 300/300
	1 Frequency S	Sweep		PASS		ľ		M1[1]	• 1Rm Avg -16.13 dBm
	Line FCC	PART 30 100 M	HZ LIMIT LINE	PASS				40	0.000 000 0 GHz
	FCC PART 30 100	MHZ LIMIT LINE						M2[1] 40	-16.55 dBm 0.010 000 0 GHz
	20 dBm								
	10 dBm								
A		mmm	annan	mananhana	anna ana				
Ant J	o dom				000000000		000000		
n260	-10 dBm							1 M2	
BW	-20 dBm		Y	C	w.				*****
100MHz	-30 dBm								
	oo abiii								
	-40 dBm								
	-50 dBm								
	CF 39.88 GHz 2 Marker Tab			5001 pts		0.0 MHz/		S	pan 400.0 MHz
	Type Re M1		X-Value 40.0 GHz	Y-Value -16.13 dB		Function		Function R	esult
	M2	î	40.01 GHz	-16.55 dB					- 2024-02-21
							Ready		2024-03-21 10:52:11
	10:52:11 AM 03								
		3	BCC / CP /	MIMO / QPSK	/ High chan	nel / Full	RB / Ope	า	
									BA
									×>
	MultiView	Spectrum	1						•
	Ref Level 40	0.00 dBm Offse	t 50.00 dB 🖷 RBN		-				SGL
	Ref Level 40 Att TDF "FUND_24	0.00 dBm Offse 2 dB SWT _42GHZ_FSW"	t 50.00 dB 🖷 RBN	₩ 1 MHz ₩ 3 MHz Mode Auto Swe	ep				Count 300/300
	Ref Level 40 Att TDF "FUND_24 1 Frequency 3 Limit Cho	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1]	Count 300/300 01Rm Avg -15.69 dBm
	Ref Level 40 Att TDF "FUND_24, 1 Frequency Limit Che Line FCC	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	₩ 3 MHz Mode Auto Swe	ep			M1[1]	Count 300/300 O 1Rm Avg
	Ref Level 40 Att TDF "FUND_24, 1 Frequency 3 Limit Cha Line FCC PCC PART 30 100	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1]	Count 300/300 0 1Rm Avg -15.69 dBm 0 000 000 0 GHz
	Ref Level 40 Att TDF "FUND_24, 1 Frequency Limit Che Line FCC	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1]	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
	Ref Level 40 Att TDF "FUND_24, 1 Frequency 3 Limit Cha Line FCC PCC PART 30 100	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1]	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
Ant J	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC FCC PART 30 100 20 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1]	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
-	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC FCC BART 30 100 20 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe				M1[1] 4C M2[1] 4C	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
Ant J n260	Ref Level 40 Att TDF "FUND_24 I Frequency 3 Limit Ch FCC "PART 30 100 20 dBm 10 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe				M1[1] 40 M2[1]	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260 BW	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC FCC BART 30 100 20 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1] 40	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC age Bar FCC PART 30 100 20 dBm 10 dBm -10 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1] 40	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260 BW	Ref Level 40 Att TOF "FUND 24 IFrequency 5 Limit Chu Line FCC PCC TART 30 100 20 dBm 10 dBm -10 dBm -20 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe				M1[1] 40 M2[1] 40	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260 BW	Ref Level 40 • Att TDF "FUND_24 I Frequency 1 Limit Chu Limit Chu Limit Chu Common State PCC "PART 30 100 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe				M1[1] 40 M2[1] 40	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260 BW	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC FCC BART 30 100 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	0.00 dBm Offse 2 dB SWT _42GHZ_FSW" Sweep ck PART 30 100 M	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe	ep			M1[1] 40 M2[1] 40	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260 BW	Ref Level 40 • Att TDF "FUND_24 I Frequency 1 Limit Chu Limit Chu Limit Chu Common State PCC "PART 30 100 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	0.00 dBm Offse 2 dB SWT 42GHZ_FSW" PART 30 100 M MHZ LIMIT LINE	t 50.00 dB ● RB\ 5.01 ms ● VB\	W 3 MHz Mode Auto Swe		0.0 MHz/		M1[1] 40 M2[1] 1 1 1 2 2 3 4 2 4 0	Ount 300/300 O 1Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm
n260 BW	Ref Level 40 • Att TDF "FUND_24 1 Frequency 3 Limit Ch	Decode Ban Offse 2 dB SWT 42GHZ_FSW" PART 30 100 M MHZ LIMIT LINE	t 50.00 dB • RB 5.01 ms • VB	V 3 MHz Mode Auto Swe PASS PASS				M1[1] 4C M2[1] 4C	Count 300/300 01Rm Avg -15.69 dBm -15.69 dBm -17.10 dBm
n260 BW	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC PCC BART 30 100 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.88 GHz 2 Marker Tab Type Re M1	Decode Ban Offse 2 dB SWT 42GHZ_FSW" PART 30 100 M MHZ LIMIT LINE	t 50.00 dB • RB4 5.01 ms • VB4 HZ LIMIT LINE	W 3 MHz Mode Auto Swe PASS PASS V Solution Solution V-Value -15.69 dB	4	0.0 MHz/		M1[1] 40 M2[1] 1 1 1 2 2 3 4 2 4 0	Count 300/300 01Rm Avg -15.69 dBm -15.69 dBm -17.10 dBm
n260 BW	Ref Level 40 • Att TDF "FUND_24 IFrequency 5 Limit Ch. Limit Ch. Limit Ch. PCC "FART 30 100 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.88 GHz Marker Tab Type	0.00 dBm Offse 2 dB SWT 42GHZ_FSW" PART 30 100 M MHZ LIMIT LINE MHZ LIMIT LINE E f Trc 1	t 50.00 dB • RB4 5.01 ms • VB4	V 3 MHz Mode Auto Swe PASS PASS PASS Solution Solution Y-Value	4		Ready	M1[1] 4C M2[1] 4C	Count 300/300 01Rm Avg -15.69 dBm 000 000 0 GHz -17.10 dBm 010 000 0 GH
n260 BW	Ref Level 40 Att TDF "FUND_24 Limit Chu Line FCC PCC BART 30 100 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 39.88 GHz 2 Marker Tab Type Re M1	0.00 dBm Offse 2 dB SWT 42GHZ_FSW" PART 30 100 M MHZ LIMIT LINE	t 50.00 dB • RB4 5.01 ms • VB4 HZ LIMIT LINE	W 3 MHz Mode Auto Swe PASS PASS V Solution Solution V-Value -15.69 dB	4			M1[1] 4C M2[1] 4C	Count 300/300 01Rm Avg -15.69 dBm 0000 000 0 GHz -17.10 dBm 010 000 0 G
n260 BW	Ref Level 40 Att TDF "FUND_24 Irrequency 5 Limit Ch Line FCC PCC TART 30 100 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm CF 39.88 GHz 2 Marker Tab Type Re M1 M2	2 dB SWT 42GHZ_FSW" PART 30 100 M MHZ LIMIT LINE	t 50.00 dB • RB1 5.01 ms • VB1 HZ LIMIT LINE	W 3 MHz Mode Auto Swe PASS PASS V Solution Solution V-Value -15.69 dB		Function	Ready	M1[1] 4C M2[1] 4C	Count 300/300 01Rm Avg -15.69 dBm 000 000 0 GHz -17.10 dBm 010 000 0 GH

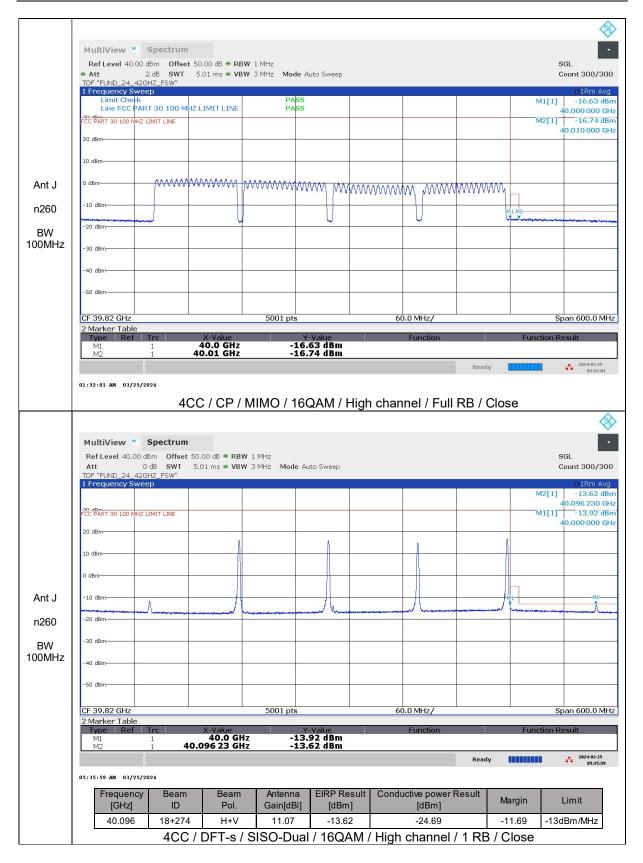
Page 82 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential



Page 83 of 212

UL KOREA LTD. Suwon Laboratory 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential



Page 84 of 212

UL KOREA LTD. Suwon Laboratory

FORM ID: FCC 30(05) 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

RADIATED SPURIOUS AND HARMONIC EMISSIONS 8.4.

RULE PART(S)

FCC: §2.1051, §30.203

LIMITS

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

- a) Start frequency was set to 30MHz and stop frequency was set to 100 GHz for n261 and 200GHz for n260.
- b) Set the RBW = 100kHz for emission below 1GHz and 1MHz for emissions above 1GHz
- c) Set VBW \geq 3 × RBW;
- d) Detector = RMS;
- e) Trace mode = trace average;
- f) Sweep time = auto couple;
- g) Number of sweep points $\geq 2 \times \text{Span/RBW}$

(KDB 842590 D01 Upper Microwave Flexible Use Service v01r02 Section 4.4.2 and Section 4.4.3) (ANSI C63.26-2015 Section 5.7.4)

NOTE

The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Where the measured EIRP results exceed the TRP limit, a TRP measurement is made. Otherwise, the EIRP results are compared with the §30.203 TRP limit to demonstrate compliance.

The plots from 1-200GHz show corrected average EIRP levels. Plots below 1GHz are corrected field strength levels. The average EIRP reported below is calculated per section 5.2.7 of ANSI C63.26-2015 which states; EIRP (dBm) = E (dBuV/m) + $20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m. The field strength E is calculated E (dBµV/m) = Spectrum Analyzer Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + Harmonic Mixer Conversion Loss (dB) + 107. All appropriate Antenna Factor and Cable Loss have been applied in the spectrum analyzer for each measurement. For measurements > 50GHz, Harmonic Mixer Conversion Loss was also applied to the spectrum analyzer.

Sample Analyzer Offset Calculation (1 - 50GHz, test distance = 1m)

EIRP (dBm) = Spectrum Analyzer Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log(D) - 104.8

All factors except spectrum analyzer level are applied as correction factors each band in the analyzer.

Sample Analyzer Offset Calculation (50 - 200GHz, test distance = 1m)

EIRP (dBm) = Spectrum Analyzer Level (dBm) + Antenna Factor (dB/m) + Cable Loss (dB) + Harmonic Mixer Conversion Loss (dB) + $107 + 20\log(D) - 104.8$

All factors except spectrum analyzer level are applied as correction factors each band in the analyzer.

Page 85 of 212

FORM ID: FCC 30(05) 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

Emissions below 18GHz were measured at a 3 meter test distance, while emissions above 18GHz were measured at the appropriate far field distance. The far field of the mmWave signal is based on formula: $R > 2D^2$ /wavelength, where D is the larger between the dimension of the measurement antenna and the transmitting antenna of the EUT. In this case, D is the largest dimension of the measurement antenna.

Frequency Range(GHz)	Wavelength(m)	Far Field Distance(m)	Measurement Distance(m)
18-40	0.008	0.54	1.00 (EIRP and Band Edge = 3.00)
40-50	0.006	1.05	1.50
50-75	0.004	0.69	1.00
75-110	0.003	0.46	1.00
110-175	0.002	0.34	1.00
175-200	0.002	0.16	1.00

All emissions from 18GHz - 50GHz were measured using a spectrum analyzer with an internal preamplifier. Emissions above 50GHz were measured using a harmonic mixer with the spectrum analyzer.

All RSE's were measured with for n258, n261 and n260 band by Low, Mid and High Channel with 1CC. It was determined that adding more CC's causes the overall amplitude of just 1CC to decrease, therefore, 1CC is the worst case for the purposes of spurious emissions measurements.

pi/2-BPSK, QPSK, 16QAM and 64QAM modulations were all investigated in SISO, SISO-Dual and MIMO configurations, QPSK was set for final test as the worst-case modulation. The highest spurious emissions were for the SISO-Dual antenna configuration consistent with this also being the configuration with the highest EIRP. The SISO-Dual configuration was, therefore, use for the final emission measurements.

All Waveforms (CP-OFDM vs DFT-s OFDM) were investigated and DFT-s OFDM was determined as the worst-case used for test.

All RSE's were investigated in each frequency range of all supported Band(n258, n261 and n 260) and reported for the worst channel data. where no significant emissions were observed the EUT, mid channel is reported.

RSE emissions were investigated on all EUT configurations, and the worst configuration on each band is as the below.

- n258 SB1 band : Half open -
- n258 SB2 band : Close
- n261 band : Close -
- n260 band : Open

All RSE's were investigated in EN-DC mode and with 802.11 chipset active. It was determined that there is no new emission introduced by EN-DC mode or the 802.11 chipset.

For EN-DC mode n258 band uses LTE B2, B5, B12, B66 and B71, n261 band uses LTE B2, B5, B12, B13, B48 and B66. And n260 band uses LTE B2, B5, B12, B13, B14, B30, B48 and B66.

LTE and FR1 anchor bands supports default configuration and TX hopping configuration. Both configurations were investigated. There was no discernible difference in the spurious emission levels when using different LTE and FR1 anchor bands. Thus, LTE Band 66 was used as a representative anchor band for EN-DC and NR-DC investigations.

RESULTS

See the following pages.

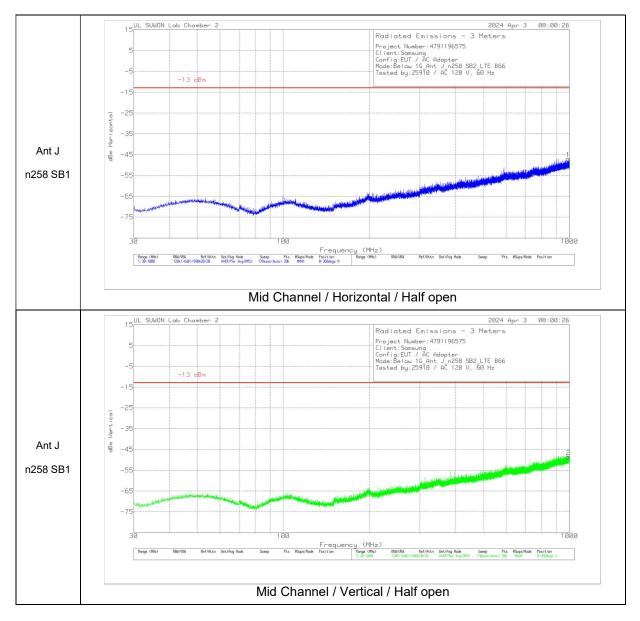
Page 86 of 212

FORM ID: FCC 30(05) 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

8.4.1. RADIATED SPURIOUS AND HARMONIC EMISSIONS RESULT

Antenna 1 / Ant J / n258 SB1

30 - 1000 MHz Result



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	Antenna Correction Factor(dB)	Loss(dB)	Conversion Factor[dB]	Corrected Reading dBm	Limit [dBm]	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	989.2904	-59.78	RMS	27.7	-26.7	11.8	-46.98	-13	-33.98	0-360	100	Н
2	990.7454	-61.44	RMS	27.7	-26.6	11.8	-48.54	-13	-35.54	0-360	200	V

RMS - RMS detection

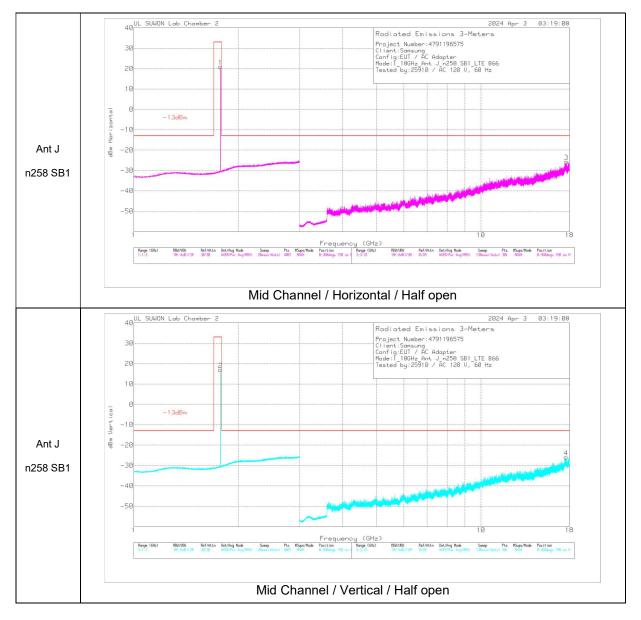
No emissions were detected above noise floor this antenna and band.

Page 87 of 212

UL KOREA LTD. Suwon Laboratory

FORM ID: FCC_30(05) 218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential

1 – 18 GHz Result



Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBm)	Det	Antenna Correction Factor(dB)	Loss(dB)	Conversion Factor[dB]	Corrected Reading dBm	Limit [dBm]	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	1.7785	.27	RMS	29.4	-20.5	11.8	20.97	33	-12.03	0-360	150	Н
2	1.7785	-3.77	RMS	29.4	-20.5	11.8	16.93	33	-16.07	0-360	150	V
3	17.633	-62.76	RMS	41.6	-16.4	11.8	-25.76	-13	-12.76	0-360	150	н
4	17.594	-62.89	RMS	41.6	-16.5	11.8	-25.99	-13	-12.99	0-360	150	V

RMS - RMS detection

** Marker 1 and 2 were the fundamental signal of LTE Band 66 that was used as a representative anchor band for EN-DC investigations.

No emissions were detected above the noise floor which was at least 20dB below the specification limit.

Page 88 of 212

218 Maeyeong-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16675, Korea TEL: (031) 337-9902 FAX: (031) 213-5433 UL KOREA LTD. Confidential