

I1120SISC_Ant1_2412 Interpretation of the state of the stat	
Center Freq 2.41200000 GHz We request by do Red Disk to Yamp Freq And Augholds to Yamp Freq Augholds to Yamp Freq And	
9.2918 dBm 9.2918 dBm Center Freq 24200000 GHz Freq Stop 4000 GHz Center Freq 24200000 Hz Center Z412 GHz Freq Style Center Z412 GHz Freq Style 400000 MHz Attac 17.406 MHz Transmit Freq Error 23.018 KHz X dB Bandwidth 20.00 MHz X dB Sandwidth Center Freq Z4300000 GHz Freq Style Style Center Freq Z4300000 GHz Freq Style Style Freq Style Style Center Freq Z4300000 GHz Freq Style	
Center Freq 24/200000 GHz Center 2.412 GHz #Res BW 430 KHz Center 2.412 GHz #Res BW 430 KHz Transmit Freq Error x dB Bandwidth Total Power 22.7 dBm 17.406 MHz Transmit Freq Error 23.018 kHz % of OBW Power 99.00 % x dB Bandwidth 20.00 MHz x dB - 26.00 dB The State	
Image: Center 2.412 GHz #VBW 1.5 MHz Span 40 MHz General Center 2.412 GHz #VBW 1.5 MHz Sweep 1 ms Max #VBW 1.5 MHz Sweep 1 ms Occupied Bandwidth Total Power 22.7 dBm Transmit Freq Error 23.018 kHz % of OBW Power 99.00 % x dB Bandwidth 20.00 MHz x dB -26.00 dB mic	
#Res BW 430 kHz #VBW 1.5 MHz Sweep 1 ms Occupied Bandwidth Total Power 22.7 dBm 17.406 MHz Transmit Freq Error 23.018 kHz % of OBW Power 99.00 % x dB Bandwidth 20.00 MHz x dB -26.00 dB wsc status	
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200	
-70.0	
Center 2.437 GHz Span 40 MHz CF Step #Res BW 430 kHz #VBW 1.5 MHz Sweep 1 ms 4.000000 MHz	
Occupied Bandwidth Total Power 21.8 dBm Auto Man 17.367 MHz Fren Offset	
IISO/ IVINZ Freq Offset Transmit Freq Error -599 Hz % of OBW Power 99.00 % 0 Hz x dB Bandwidth 20.02 MHz x dB -26.00 dB 0 Hz	
MSG STATUS	



INV20SISO_Ant1_2462 Converting read 248200000 OH2 Converting read 248200000 OH2 Not determine read 2482000 OH2 Span 40 MHz Span 40 MHz Occupied Bandwidth 111M40SISO_Ant1_2422 Not determine read 248200000 OH2
Image: Section of the section of th
Image: Second
Center 2.462 GHz Res BW 430 KHz Transmit Freq Error x dB Bandwidth 19.95 MHz x dB Bandwidth 19.95 MHz x dB Bandwidth 19.95 MHz x dB Bandwidth 19.95 MHz x dB 10 Center 7reg 242200000 GHz Center 7reg 2422 GHz Ref Offset 1373 dB Center 7reg 07fset 243 GHz Ref Offset 1373 dB Center 7reg 07fset 243 GHz Ref Offset 245 GHz
#Res BW 430 kHz #VBW 1.5 MHz Sweep 1 ms Auto Auto Man Occupied Bandwidth Total Power 21.0 dBm Freq Offset 17.384 MHz % of OBW Power 99.00 % Auto Man Transmit Freq Error 4.300 kHz % of OBW Power 99.00 % Auto 0H wto immediate immediate 0H 0H 0H wto immediate immediate 0H 0H immediate immediate immediate 0H 0H immediate immediate </td
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Indistint Freq Entor 4.300 KH2 x dB Color Fower 39.00 % x dB Bandwidth 19.95 MHz x dB -26.00 dB usc status Introduction of the status Intregenet
INVAOSISO_Ant1_2422 Regright Spectrum Analyzer - Orcupied BW Radio Site None Radio Device: BTS Mitragenetic Site None Radio Device: BTS Mitragenetic Site None Ref Offset 19.79 dB Mitragenetic Site None Mitragenetic Site None Ref Offset 19.79 dB Mitragenetic Site None O dialidity Ref 20.00 dBm Mitragenetic Site None Span 80 Mitragenetic Site None Center 2.422 GHz #VBW 3 MHz Span 80 Mitragenetic Site None South colspan="
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300 400 Man 400 400 400 400 400 400 400 400 400 400 400 400 400
Center 2.422 GHz #VBW 3 MHz Span 80 MHz #Res BW 820 kHz #VBW 3 MHz Sweep 1 ms Occupied Bandwidth Total Power 23.3 dBm 36.401 MHz Freq Offset Transmit Freq Error 111.13 kHz % of OBW Power 99.00 %
#Kes BW 820 KHz #VBW 3 MHz Sweep 1 ms Occupied Bandwidth Total Power 23.3 dBm 36.401 MHz Freq Offset Transmit Freq Error 111.13 kHz % of OBW Power 99.00 %
Transmit Freq Error 111.13 kHz % of OBW Power 99.00 %
x dB Bandwidth 42.72 MHz x dB -26.00 dB
MSG STATUS



	11N4	0SISO_Ant1_2437	7		
In Kent	ght Spectrum Analyzer - Occupied BW				
(X) RL	RF 50 Ω DC er Freq 2.437000000 GHz Cer NEF Trig	SENSE:INT ALIGN AUTO nter Freq: 2.437000000 GHz g: Free Run Avg Hold: 100/100 tten: 30 dB	04:23:13 PM Jul 30, 2020 Radio Std: None Radio Device: BTS	Frequency	
10 dBJ Log	Ref Offset 19.79 dB div Ref 20.00 dBm	Mkr	1 2.44996 GHz 8.6542 dBm		
100 - 000 - -000 - -300 - 300 - -400 -		A second se	and and the state of the state	Center Freq 2.437000000 GHz	
	er 2.437 GHz BW 820 kHz	#VBW 3 MHz	Span 80 MHz Sweep 1 ms	CF Step 8.00000 Mriz	
Tra	Ansmit Freq Error 64.237 kHz B Bandwidth 43.06 MHz	% of OBW Power 99	dBm .00 % 00 dB	Freq Offset 0 Hz	
MSG 	ght Spectrum Analyzer - Occupied BW	STATUS 0SISO_Ant1_2452 SERSE:INT ALIGN AUTO			
	Ref Offset 19.79 dB	tter Freq: 2.45200000 GHz g: Free Run Avg Hold: 100/100 tten: 30 dB Mkr	Radio Std: None Radio Device: BTS 1 2.46144 GHz 7.8935 dBm	Frequency	
200 1100 - -000 - -000 - -000 - -000 - -000 - -000 - -000 - -000 -			^{le} ndonas de nosa destar	Center Freq 2.462000000 GHz	
	er 2.452 GHz BW 820 kHz	#VBW 3 MHz	Span 80 MHz Sweep 1 ms	CF Step 8.000000 MHz Man	
Tra	cupied Bandwidth 36.348 MHz ansmit Freq Error 81.425 kHz B Bandwidth 43.07 MHz	% of OBW Power 99	.00 % 00 dB	Freq Offset 0 Hz	
Mag		status			

11.4. Appendix D: Maximum conducted output power 11.4.1. Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
		2412	17.26	<=30	PASS
11B	Ant1	2437	16.65	<=30	PASS
		2462	15.87	<=30	PASS
		2412	15.87	<=30	PASS
11G	Ant1	2437	15.00	<=30	PASS
		2462	14.02	<=30	PASS
		2412	13.36	<=30	PASS
11N20SISO	Ant1	2437	13.13	<=30	PASS
		2462	12.11	<=30	PASS
		2422	12.46	<=30	PASS
11N40SISO	Ant1	2437	11.61	<=30	PASS
		2452	10.92	<=30	PASS

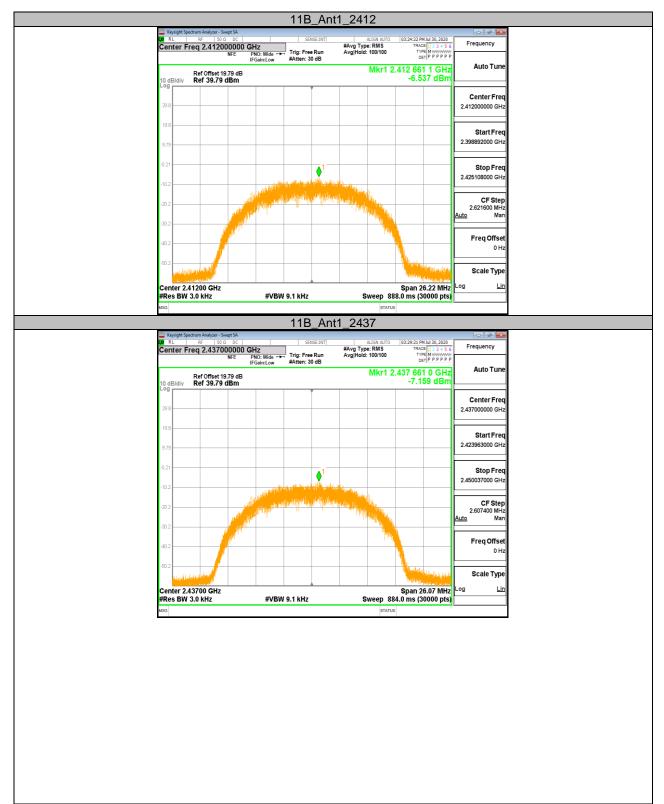


Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
		2412	-6.54	<=8	PASS
11B	Ant1	2437	-7.16	<=8	PASS
		2462	-7.96	<=8	PASS
		2412	-12.26	<=8	PASS
11G	Ant1	2437	-12.94	<=8	PASS
		2462	-13.75	<=8	PASS
		2412	-11.83	<=8	PASS
11N20SISO	Ant1	2437	-12.41	<=8	PASS
		2462	-13.18	<=8	PASS
		2422	-16.96	<=8	PASS
11N40SISO	Ant1	2437	-17.95	<=8	PASS
		2452	-18.49	<=8	PASS

11.5. Appendix E: Maximum power spectral density 11.5.1. Test Result

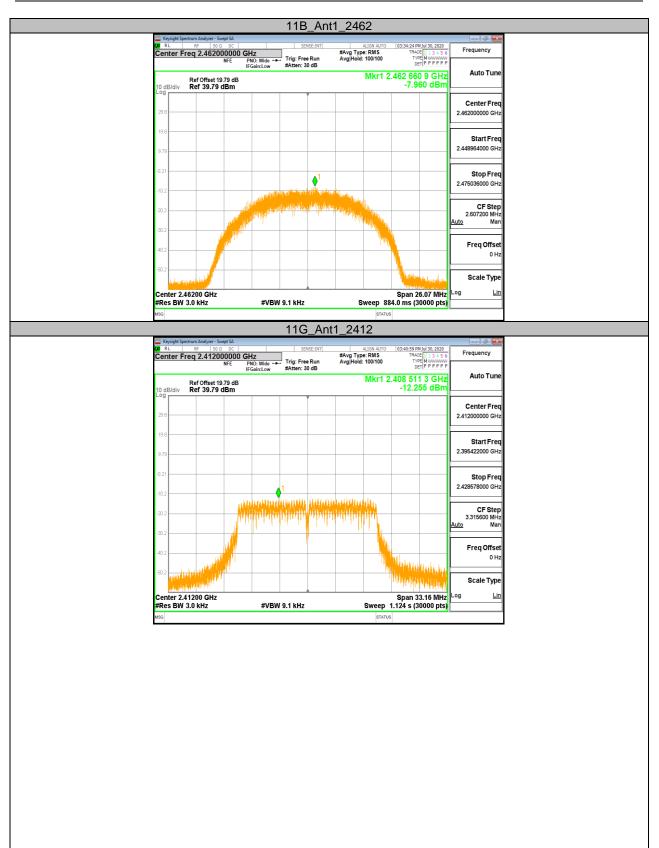








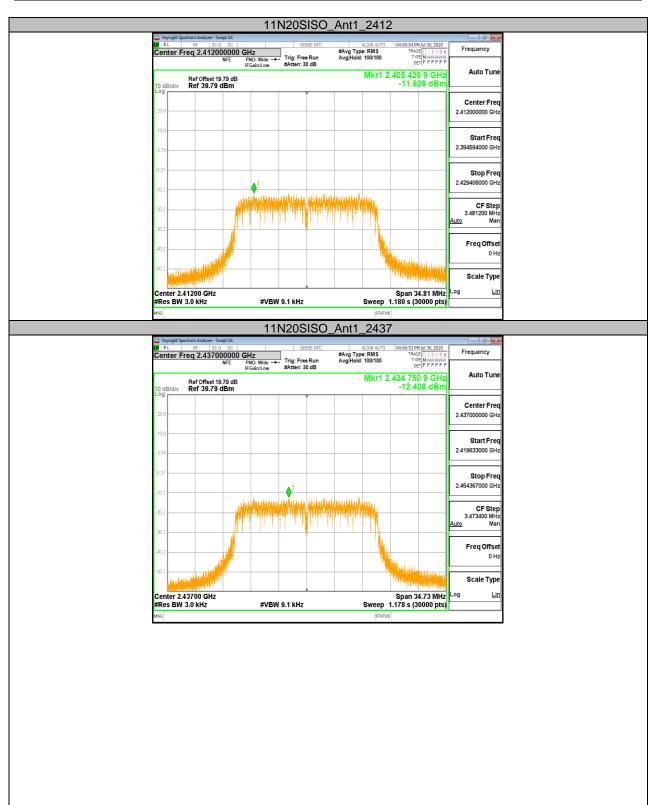
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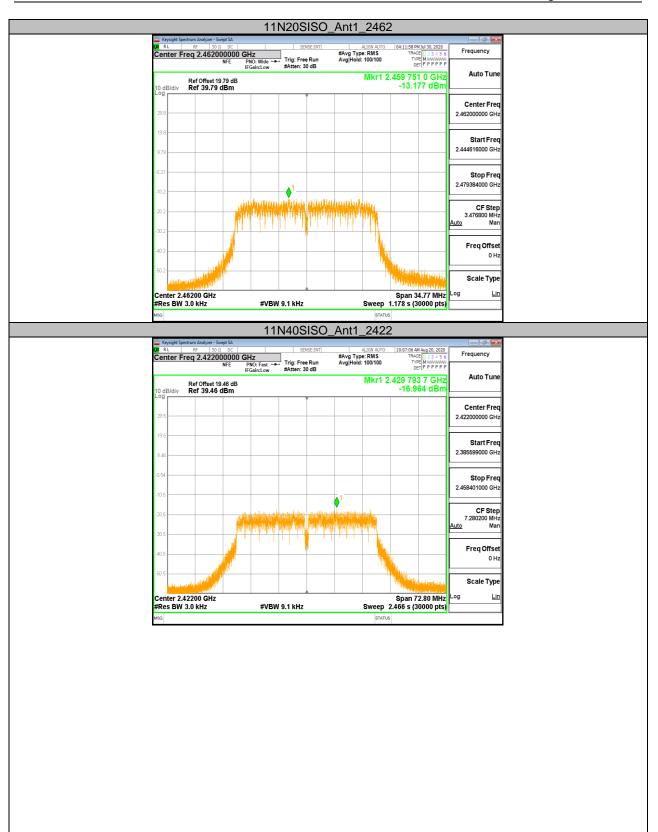




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ILG_Ant1_2437 Ref orget forectum advancer - Sweet SA Ref orget forectum advancer - Sweet SA NET PIC: Wide - Trig: Free Run Aveg Type: RMS Trig: Free Run Aveg Type: RMS NET PIC: Wide - Trig: Free Run Aveg Type: RMS Trig: Free Run Aveg Type: RMS NET PIC: Wide - Trig: Free Run Aveg Type: RMS Trig: Free Run Aveg Type: RMS NET Orget 13: 79 dB Mkr1 2: 438 dBm Center Freq 39.79 dBm Center Freq 2: 437000000 G Start Fri 2420430000 G Start Fri 2420430000 G Start Fri Start Fri 2420430000 G Genter Frigue Bun Center Frigue Bun Orget Start Frigue Bun Start Frigue Bun Start Frigue Bun Center Frigue Bun Start
Center Freq 2.437000000 CHz Production Trig: Free Run Avg Type: RMS Trig: Company Company Company Company Company Auto Tur NEE Photo: Mido Trig: Free Run Avg Type: RMS Mkr1 2.438 2511 GHz Auto Tur 10 dB/div Ref 39.79 dBm -12.938 dBm Center Fin 2.43700000 GHz 29
Number Mikr1 2.438 251 1 GHz 10 dBddiv Ref 39.79 dBm -12.938 dBm 28 -12.938 dBm -12.938 dBm 19 -12.938 dBm -12.938 dBm 243700000 Gl Start Fr 2420430000 Gl Start Fr 2420430000 Gl -11 102 -11 203 -11 204 -11 202 -11 203 -11 202 -11 203 -11 204 -11 202 -11 203 -12.938 dBm 303 -12.938 dBm 304 -12.938 dBm 302 -12.938 dBm 303 -10 303 -10 303 -10 303 -12.938 dBm -10.90 -12.938 dBm -10.90 -12.938 dBm -10.90 -10.90 -10.90 -10.90 -10.90 -10.90 <
28
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9.73 1 2420430000 Gl 0.21 1 1 245357000 Gl 0.21 1 1 245357000 Gl 0.21 1 1 1 0.21 1 1 1 0.21 1 1 1 0.21 1 1 1 0.21 1 1 1 0.22 1 1 1 1 0.22 1 1 1 1 245357000 Gl 0.21 2 2 2 2 2 2 2 0.22 2
0.21 1 1 2.45357000 Gl 0.2 0.2 1 0.0 0.0 0.2 0.2 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
102 1 1 24557000 G 302 0 0 0 0 302 0 0 0 0 0 402 0
302 302 303 303 303 303 303 3000 M 302
302 402 M 402 Freq Offs 0 502 Span 33.14 MHz Freq Offs Center 2.43700 GHz #VBW 9.1 kHz Span 33.14 MHz #Res BW 3.0 kHz #VBW 9.1 kHz Sweep 1.124 s (30000 pts) HSC IntG_Ant1_2462 We Store Freq Status Status
40.2 01 50.2 Span 33.14 MHz Center 2.43700 GHz #VBW 9.1 kHz #Res BW 3.0 kHz #VBW 9.1 kHz Sweep 1.124 s (30000 pts) HIG_Ant1_2462
50.2 Scale Typ Center 2.43700 GHz Span 33.14 MHz #Res BW 3.0 kHz #VBW 9.1 kHz Sweep 1.124 s (30000 pts) Startus 11G_Ant1_2462 International startus B Re 50.00 Startus
Center 2.4700 GHz Span 33.14 MHz Log L #Res BW 3.0 kHz #VBW 9.1 kHz Sweep 1.124 s (30000 pts)
#Res BW 3.0 kHz #VBW 9.1 kHz Sweep 1.124 s (30000 pts) NSC Integration Integration MSC Integration Integration Alter Autor Market Street Alter Autor Market Street Alter Autor Market Street
11G_Ant1_2462
Keysight Spectrum Analyzer - Swept SA RL RF 50 Ω DC SENSE:INT ALIGN AUTO 02:54:15 PM Jul 30, 2020
CO R L RF 50 Ω DC SENSE:INT ALIGN AUTO 03:54:15 PM Jul 30, 2020
Center Freq 2.462000000 GHz #Avg Type: RMS TRACE 12.3.4.5.6 Frequency
Ref Offset 19.79 dB Mkr1 2.458 511 0 GHz Auto Tur 10 dB/div Ref 39.79 dB -13.752 dBm
298 Center Fm 246200000 G
19.8
9.79 StartFn 2.44541000 G
0.21 Stop Fr
-10.212.47859000 G
CF Ste
3.318000 M Auto M
30.2 FreqOffs
Scale Ty
Center 2.46200 GHz Span 33.18 MHz ^{Log} # #Res BW 3.0 kHz #VBW 9.1 kHz Sweep 1.124 s (30000 pts)
MICS DW 5.0 KIIZ #VDW 5.1 KIIZ SWEEP 1.124 5 (30000 PL3)





Start Freq 2.415652000 GHz

Stop Freq 2.488348000 GHz

> CF Step 7.269600 MHz Man Freq Offset 0 Hz

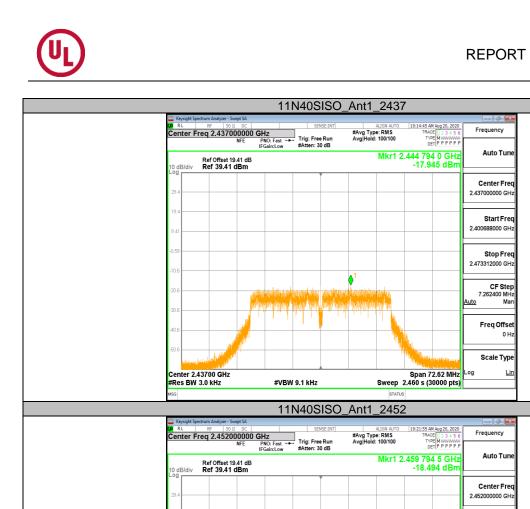
> > Scale Type

_og

Span 72.70 MHz

Sweep 2.464 s (30000 pts)

Lir



Center 2.45200 GHz

#Res BW 3.0 kHz

#VBW 9.1 kHz



Test Mode	Antenna	Ch Name	Channel	Ref Level[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.10	-39.78	<=-20.9	PASS
ПВ	Anti	High	2462	6.85	-40.58	<=-23.15	PASS
11G	Ant1	Low	2412	2.92	-31.08	<=-27.08	PASS
ПG	Anti	High	2462	1.52	-40.85	<=-28.48	PASS
11N20SISO	A not 1	Low	2412	2.81	-31.21	<=-27.19	PASS
1111205150	Ant1	High	2462	1.55	-40.14	<=-28.45	PASS
11N40SISO	Apt1	Low	2422	-5.84	-41.73	<=-35.84	PASS
1111405150	Ant1	High	2452	-5.86	-42.98	<=-35.86	PASS

11.6. Appendix F: Band edge measurements 11.6.1. Test Result



11.6.2. Test Graphs





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11G_Ant1_	_Low_2412	
Keysight Spectrum Analyzer - Swept SA		- 8 💌
00 RL RF 50 Ω DC SENSE:UNT Center Freq 2.365000000 GHz NFE PNO: Fast →→ IFGain.low #Atten: 30 dB	ALIGN AUTO 03:41:14 PM Jul 30, 2020 #Avg Type: RMS TRACE 1 23 45 6 Avg Hold: 300/300 TVPE M	Frequency
Ref Offset 19.79 dB 10 dB/div Ref 20.00 dBm Log	Mkr5 2.399 84 GHz -31.075 dBm	Auto Tune
10.0		Center Freq 2.365000000 GHz
-10.0	5 DL1-37.08 dBm	Start Freq 2.30000000 GHz
-40.0 postaveral and a second	- Connection of the Connectio	Stop Freq
-60.0		2.430000000 GHz
Start 2.30000 GHz #Res BW 100 kHz #VBW 300 kHz Model track sol	Stop 2.43000 GHz Sweep 4.800 ms (1001 pts)	CF Step 13.000000 MHz <u>Auto</u> Man
I I F 2.418 82 GHz 2.922 dBm 2 N 1 F 2.400 00 GHz -3.2057 dBm 3 N 1 2.309 00 GHz -4.1814 dBm 4 N 1 f 2.309 00 GHz -4.2164 dBm 5 N 1 f 2.309 02 GHz -3.1075 dBm		Freq Offset 0 Hz
6 7 8 9		Scale Type
10 11 *	STATUS .	Log <u>Lin</u>
Keysight Spectrum Analyzer - Swept SA		- 0 -
	ALIGN AUTO 03:54:30 PMJul 30, 2020 #Avg Type: RMS TRACE 123456 Avg Hold: 300/300 TYPE M	Frequency
IFGain:Low #Atten: 30 dB	Mkr4 2.541 42 GHz -40.848 dBm	Auto Tune
10 dB/div Ref 20.00 dBm		Center Freq 2.495000000 GHz
-10.0		Start Freq 2.44000000 GHz
	4 	Stop Freq
-70.0 Start 2.44000 GHz	Stop 2.55000 GHz	2.55000000 GHz
1 N 1 f 2.468 82 GHz 1.523 dBm	Sweep 4.067 ms (1001 pts)	11.000000 MHz <u>Auto</u> Man
2 N 1 f 2.483 50 GHz -42.262 dBm 3 N 1 f 2.500 0GHz -43.530 dBm 4 N 1 f 2.541 42 GHz -40.848 dBm 5 6	E	Freq Offset 0 Hz
7 8 9 10 11		Scale Type
et an	STATUS	
NO3	STATUS	

	11N20SISO_A	nt1_Low_24	12	
Keysight Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN AUTO	04:01:08 PM Jul 30, 2020	- 2 🕰
Center Freq 2.3650000	DO GHZ	#Avg Type: RMS Avg Hold: 300/300	TRACE 1 2 3 4 5 6 TYPE M	Frequency
Ref Offset 19.79 10 dB/div Ref 20.00 dBr	iB 1	Mkr5	2.399 84 GHz -31.205 dBm	Auto Tune
10.0			1	Center Freq 2.36500000 GHz
-10.0				
-30.0		Q ³	DL1 -27,19 dBm	Start Freq 2.30000000 GHz
-50.0	and and the first state of the second state of the	mlandgenelast flynn		Stop Freq
-60.0				2.430000000 GHz
Start 2.30000 GHz #Res BW 100 kHz	#VBW 300 kHz		stop 2.43000 GHz 800 ms (1001 pts)	CF Step 13.000000 MHz Auto Man
1 N 1 f	2.411 41 GHz 2.806 dBm 2.400 00 GHz -33.941 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	
4 N 1 f 5 N 1 f	2.390 00 GHz		E	Freq Offset 0 Hz
6 7 8 9				Scale Type
10 11				Log <u>Lin</u>
MSG	111208180	status	60	7
Keysight Spectrum Analyzer - Swept SA CT RL RF 50 Ω DC	11N20SISO_A		•O∠ 04:12:12 PMJul 30, 2020	
Center Freq 2.4950000	PNO: Fast + IFGain:Low #Atten: 30 dB	#Avg Type: RMS Avg Hold: 300/300	TRACE 1 2 3 4 5 6 TVPE M	Frequency
Ref Offset 19.79	B	Mkr4	2.490 60 GHz -40.141 dBm	Auto Tune
10.0 10.0				Center Freq
-10.0				2.495000000 GHz
-20.0			DL1 -28.45 dBm	Start Freq 2.440000000 GHz
-40.0		monteneneration	have been a been and a second s	Stop Freq
-60.0				2.55000000 GHz
Start 2.44000 GHz #Res BW 100 kHz	#VBW 300 kHz	S Sweep 4.0	top 2.55000 GHz 167 ms (1001 pts)	CF Step 11.000000 MHz
1 N 1 f	X Y FU 2.456 61 GHz 1.551 dBm 2.483 50 GHz -41.317 dBm	NCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
3 N 1 T 4 N 1 F 5	2.500 00 GHz 42.882 dBm 2.490 60 GHz 40.141 dBm		E	Freq Offset 0 Hz
6 7 8 9				Scale Type
10 11 <			-	Log <u>Lin</u>
MSG		STATUS		

	11N4	OSISO A	nt1_Low_2	422	
					- 8 🕰
RL RF 50 S Center Freq 2.3725	Ω DC	SENSE:INT Trig: Free Run #Atten: 20 dB	#Avg Type: RMS Avg Hold: 300/300	10:24:54 AM Aug 20, 2020 TRACE 1 2 3 4 5 6 TVPE M DET P P P P P	Frequency
Ref Offset 1 10 dB/div Ref 10.00			Mkr5	2.399 615 GHz -41.726 dBm	Auto Tune
-10.0				1 mpennen	Center Freq 2.372500000 GHz
-30.0			Q ³	DL1 -35.84 dbn	Start Freq 2.30000000 GHz
-70.0					Stop Freq 2.445000000 GHz
Start 2.30000 GHz #Res BW 100 kHz		V 300 kHz		Stop 2.44500 GHz .333 ms (1001 pts)	CF Step 14.500000 MHz Auto Man
MKR MODE TRC SCL	× 2.435 430 GHz	-5.839 dBm	FUNCTION WIDTH	FUNCTION VALUE	
1 N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f 6	2.400 400 GHz 2.390 000 GHz 2.310 000 GHz 2.310 000 GHz 2.399 615 GHz	-39.727 dBm -49.493 dBm -54.447 dBm -41.726 dBm		E	Freq Offset 0 Hz
7 8 9 10					Scale Type
11 <			STATU	*	
	4 4 5 1 4				
		<u>05150_Ar</u>	nt1_High_2	452	
Keysight Spectrum Analyzer - Si	vept SA	SENSE:INT	ALIGN AUTO	10:22:08 AM Aug 20, 2020	- 2 💌
Center Freq 2.4875			#Avg Type: RMS Avg Hold: 300/300	TRACE 1 2 3 4 5 6 TYPE M	Frequency Auto Tune
Ref Offset 1 10 dB/div Ref 10.00	dBm	, The second sec	Mkr4	2.484 500 GHz -42.983 dBm	Autorune
	I 61				
-10.0					Center Freq 2.487500000 GHz
-10.0 -20.0 -30.0 -40.0		A		DL1-35.06 oBm	
-10.0			9 ³	211-3259 890	2.487500000 GHz Start Freq
100	#VB/	V 300 KHz	Sweep 4	stop 2.55000 GHz .600 ms (1001 pts)	2.487500000 GHz Start Freq 2.425000000 GHz Stop Freq
100 200 200 200 200 200 200 200 200 200		V 300 KHz		stop 2.55000 GHz .600 ms (1001 pts)	2.487500000 GHz Start Freq 2.425000000 GHz Stop Freq 2.55000000 GHz CF Step 12.500000 MHz
-100 -200 -200 -200 -200 -200 -200 -200	*VEW 2.464 125 GHz 2.450 000 GHz 2.500 000 GHz	V 300 kHz 5.859 dBm -4.404 dBm -50.108 dBm	Sweep 4	stop 2.55000 GHz .600 ms (1001 pts)	2.487500000 GHz Start Freq 2.425000000 GHz 2.550000000 GHz 12.500000 MHz <u>Auto</u> Man Freq Offset
100	*VEW 2.464 125 GHz 2.450 000 GHz 2.500 000 GHz	V 300 kHz 5.859 dBm -4.404 dBm -50.108 dBm	Sweep 4	stop 2.55000 GHz .600 ms (1001 pts)	2.487500000 GHz Start Freq 2.425000000 GHz 2.55000000 GHz 2.55000000 GHz CF Step 12.500000 MHz Auto Man Freq Offset 0 Hz Scale Type

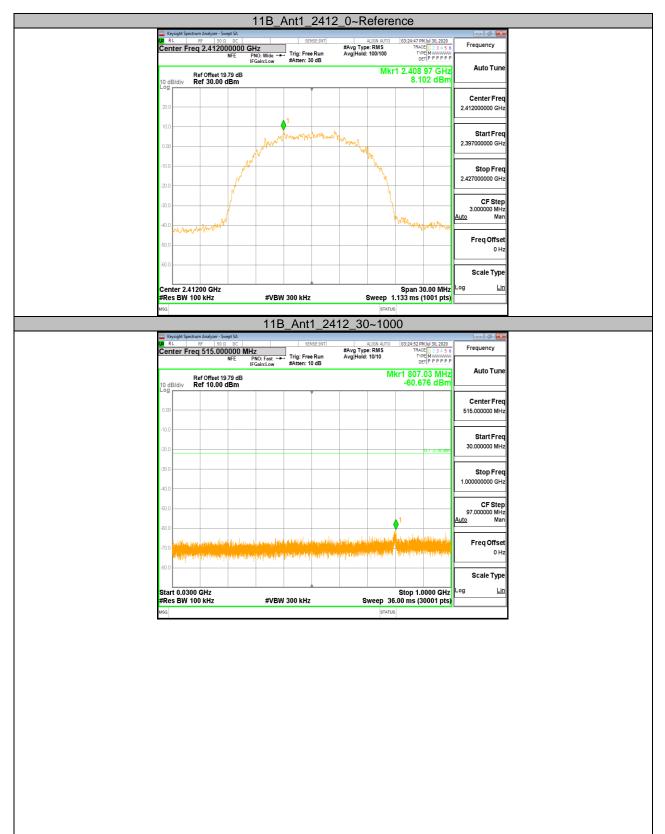


11.7. Appendix G: Conducted Spurious Emission 11.7.1. Test Result

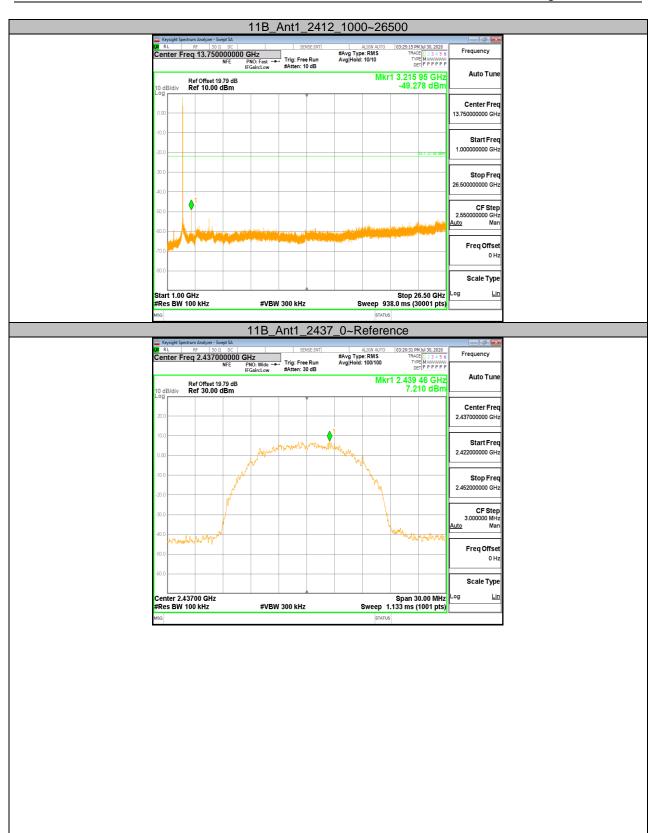
Test Mode	Antenna	Channel	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
			Reference	8.10	8.10		PASS
		2412	30~1000		-60.676	<=-21.898	PASS
			1000~26500		-49.278	<=-21.898	PASS
			Reference	7.21	7.21		PASS
11B	Ant1	2437	30~1000		-60.43	<=-22.79	PASS
			1000~26500		-49.816	<=-22.79	PASS
			Reference	7.88	7.88		PASS
		2462	30~1000		-61.1	<=-22.118	PASS
			1000~26500		-48.279	<=-22.118	PASS
			Reference	2.28	2.28		PASS
		2412	30~1000		-62.276	<=-27.72	PASS
			1000~26500		-50.184	<=-27.72	PASS
			Reference	2.20	2.20		PASS
11G	Ant1	2437	30~1000		-61.721	<=-27.797	PASS
			1000~26500		-49.92	<=-27.797	PASS
			Reference	1.41	1.41		PASS
		2462	30~1000		-62.003	<=-28.587	PASS
			1000~26500		-48.534	<=-28.587	PASS
			Reference	2.86	2.86		PASS
		2412	30~1000		-61.759	<=-27.138	PASS
			1000~26500		-48.64	<=-27.138	PASS
			Reference	2.45	2.45		PASS
11N20SISO	Ant1	2437	30~1000		-63.19	<=-27.554	PASS
			1000~26500		-49.473	<=-27.554	PASS
			Reference	0.96	0.96		PASS
		2462	30~1000		-61.859	<=-29.042	PASS
			1000~26500		-48.532	<=-29.042	PASS
			Reference	-4.73	-4.73		PASS
		2422	30~1000		-61.965	<=-34.73	PASS
			1000~26500		-45.645	<=-34.73	PASS
			Reference	-5.32	-5.32		PASS
11N40SISO	Ant1	2437	30~1000		-62.721	<=-35.317	PASS
			1000~26500		-45.86	<=-35.317	PASS
			Reference	-6.18	-6.18		PASS
		2452	30~1000		-62.373	<=-36.18	PASS
			1000~26500		-44.792	<=-36.18	PASS



11.7.2. Test Graphs







Ref offset 1979 alls Init in the -60.430 dBm 100 Bildiv Ref 10.00 dBm -60.430 dBm 100
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Image: Start 0.0300 GHz #VBW 3000 KHz Stop 1.0000 GHz Scale Type #tog istart 0.0300 GHz #VBW 3000 KHz Sweep 36.00 ms (30001 pt) Image: Stop 1.0000 GHz #tog istart 0.0300 GHz #VBW 300 KHz Sweep 36.00 ms (30001 pt) Image: Stop 1.0000 GHz #tog istart 0.0300 GHz #VBW 300 KHz Sweep 36.00 ms (30001 pt) Image: Stop 1.0000 GHz #tog istarts Image: Stop 1.0000 CHz Image: Stop 1.0000 CHz Image: Stop 1.0000 CHz #tog istarts Image: Stop 1.0000 CHz Image: Stop 1.0000 CHz Image: Stop 1.0000 CHz NFE PHO: Fast → Trig: Free Run #Avg Type: RMS Image: Stop 1.000 CHz Image: Stop 1.000 CHz NFE PHO: Fast → Trig: Free Run #Avg Hold: 10/10 Image: Stop 1.000 CHz Image: Stop 1.000 CHz NFE PHO: Fast → Trig: Free Run #Avg Hold: 10/10 Image: Stop 1.000 CHz Image: Stop
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#Res BW 100 kHz #VBW 300 kHz Sweep 36.00 ms (30001 pts) Mod jamus Intrus Image
#Res BW 100 kHz #VBW 300 kHz Sweep 36.00 ms (30001 pts) utd isranus 11B_Ant1_2437_1000~26500 Res BW 100 kHz Sense: Int ALign Autor Isranus Image: Sense: Int ALign Autor 00.2559 PH/M 30, 2020 Prequency Frequency Frequency Frequency NFE PRO: Fast Trig: Free Run #AvgTrig: RMS Trig: Free Run #AvgTrig: 13:45.6 Frequency NFE PRO: Fast Trig: Free Run #AvgTrig: 10:10 Trig: 10:10 dB/dd Eel (P P P P P) Auto Tune 10 dB/ddv Ref Offset 19:79 dB 49.816 dBm 49.816 dBm Center Freq 13:05000000 GHz Start Freq 13:05000000 GHz Start Freq 1:00000000 GHz Start Freq 1:00000000 GHz Start Freq 1:00000000 GHz Start Freq 1:0000000 GHz Start Freq 1:00000000 GHz 1:00000000 GHz 1:0
11B_Ant1_2437_1000~26500 Keydet Spectrum Andree: Sweet SM Mile Sector Revised Spectrum Andree: Sweet SM Center Freq 13.750000000 GHz Trig: Free Run Breath Low Mkr 1 3.249 10 GHz -49.816 dBm Center Freq 10.00 dBm Mkr 1 3.249 10 GHz -49.816 dBm Center Freq 1.0000000 GHz Breath Low Mkr 1 3.249 10 GHz -49.816 dBm Center Freq 1.000 dBm Center Freq 10.0000000 GHz Center Freq 10.0000000 GHz NE Conter Freq 10.0000000 GHz Mkr 1 3.249 10 GHz -49.816 dBm Center Freq 13.750000000 GHz Start Freq 1.00000000 GHz Start Freq 1.00000000 GHz Start Freq 1.00000000 GHz Start Freq 1.00000000 GHz
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Center Freq 13.750000000 GHz NFE Trig: Freq Run #Atten: 10 dB #Avg Type: RMS Avg[Hold: 10/10 Trig: Freq Run Belling Trig: Freq Auto Tune Trig: Freq 10 dB/div Mkr1 3.249 10 GHz Auto Tune Center Freq 13.760000000 GHz Start Freq 13.00000000 GHz Start Freq 13.00000000 GHz Start Freq 13.0000000 GHz Start Freq 13.0000000 GHz Start Freq 26.5000000 GHz
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Start 1.00 GHz Log Log
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MSG STATUS



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				11	B_Aı	nt1_24	162 <u>3</u>				
<u>—</u> К	eysight Spectrum R L P	Analyzer - Swi	ept SA		1	SENSE:INT	1	ALIGN AUTO	03:34-52.0	M Jul 30, 2020	
Cer	nter Freq	515.000	NEE	Iz PNO:Fast ← FGain:Low	→ Trig: #Atte	Free Run en: 10 dB	#Avg Ty Avg Hol	pe: RMS	TRAI	CE 1 2 3 4 5 6 PE M	Frequency
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#Res BW 100 kHz #VBW 300 kHz Sweep 938.0 ms (30001 pts) usc istattus 11G_Ant1_2412_0~Reference Kyright Spectrum Analyzer - Sweet SA istattus R.L RF IS00_DC istattus Center Freq 2.12000000 GHz Trig: Free Run IFGaintus 01 dB #Autor 03:41:25 PMJ 30; 2020 NE PNO: Wide →→ IFGaintus 01 dB Trig: Free Run AvgIrloid: 100/100 Trig: Pree Run Center Freq 2.23 4.55 Frequency
All Brief Spectrum Analyzer - Sweet SA RAL Brief Sold DC Sense:Divri Align Autoro (034125 PHAId 30, 2020 Center Freq 2.412000000 GHz IFGalitics ou db Trig: Frequency Avg(Hold: 100/100 Trig: Sea Avg(Hold: 100/100 Trig: Sea Avg(Hold: 100/100 Trig: Frequency
Keyright Spectrum Analyzer - Swept Sa C Science Shift ALION AUTO 03:41:25 PM Jail 0, 2020 College R L RF IS 0:0 DC Science Shift ALION AUTO 03:41:25 PM Jail 0, 2020 Frequency Center Freq 2.412000000 GHz Trig: Free Run Avg Type: RMS Trice: Trig: Free Run AvgIrloid: 100/100 Trice: Weinweinwein Frequency
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MSG STATUS

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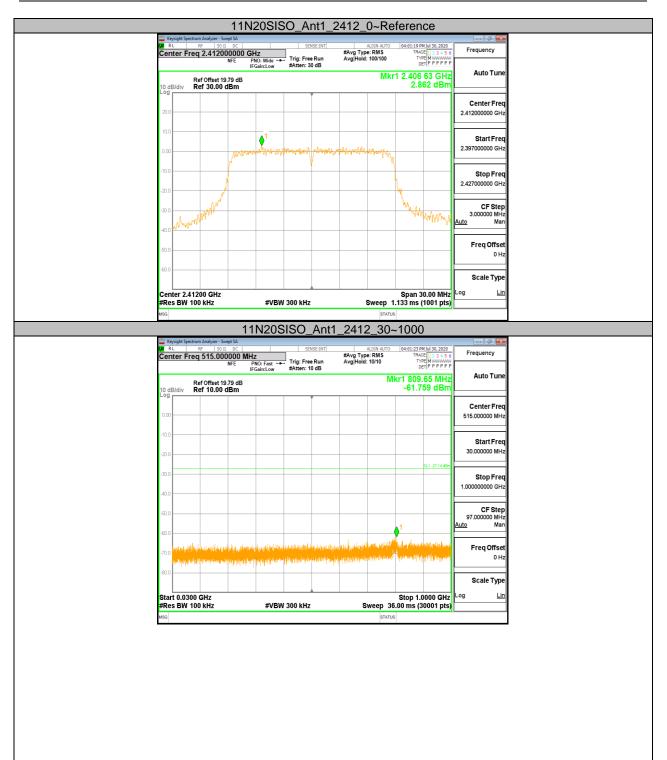
	Keysight Spectru	m Analyzer - S	wept SA						nce		- 2 <mark>×</mark>
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Frequency Projection Projection <th colspan="2" projection<<="" th=""><th></th><th>Keysight Spectrum RL R</th><th></th><th></th><th>1</th><th>SEN</th><th>SE:INT</th><th></th><th>LIGN AUTO</th><th>03:49:27</th><th>PM Jul 30, 2020</th><th>- 6 -</th></th>	<th></th> <th>Keysight Spectrum RL R</th> <th></th> <th></th> <th>1</th> <th>SEN</th> <th>SE:INT</th> <th></th> <th>LIGN AUTO</th> <th>03:49:27</th> <th>PM Jul 30, 2020</th> <th>- 6 -</th>			Keysight Spectrum RL R			1	SEN	SE:INT		LIGN AUTO	03:49:27	PM Jul 30, 2020	- 6 -
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Log		er 10.00 (Ĭ					Center Freq
0.00										515.000000 MHz
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-20.0										30.000000 MHz
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#Re MSG	s BW 10	0 kHz		#VBW	/ 300 kHz		Sweep 36	6.00 ms (30001 pts)	
				11G_/	Ant1_2	462_100)0~26	500		
LXI F	L	m Analyzer - Sw RF 50 Ω	ept SA DC		Ant1_2	π	ALIGN AUTO	03:55:09	PM Jul 30, 2020	Frequency
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00 F Cer 10 d	ter Free	RF 50 Ω	ept SA DC NFE P IF .79 dB	GHz NO: Fast ↔	SENSE:	rr #Avg Ty n Avg∣Hol	ALIGN AUTO pe: RMS d: 10/10	03:55:09 TRJ T 1 1 3.282	CE 1 2 3 4 5 6	
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11N20SISO_Ant1_2412_1000~26500 Regist Spectrum Adapter - Sneg 54 RL RC SENSE INT ALION NITO IOH 310, 2020 RL RC SENSE INT ALION NITO IOH 310, 2020 RL RC SENSE INT ALION NITO IOH 310, 2020 RL RC SENSE INT ALION NITO IOH 310, 2020 RL PNDC F.sst Trigs: Free Run IFGalit.2000 Arrow III Arrow III IOH 310, 2020 NFE PNDC F.sst Trigs: Free Run IFGalit.2000 Arrow III Arrow III IOH 310, 2020 NFE PNDC F.sst Trigs: Free Run IFGalit.2000 Arrow III Arrow III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
Image: New Set	- 2 -
	Frequency
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0.00 1 1	Center Freq 3.75000000 GHz
-10.0	
	Start Freq 1.00000000 GHz
DL1-27.14 dBm	
30.0	Stop Freq 6.50000000 GHz
40.0	
	CF Step 2.55000000 GHz <u>ito</u> Man
700	Freq Offset 0 Hz
800	Scale Type
Start 1.00 GHz Stop 26.50 GHz	
Marc BW 100 kHz #VBW 300 kHz Sweep 938.0 ms (30001 pts) Mss status status status	
11N20SISO_Ant1_2437_0~Reference	
Keysight Spectrum Analyzer - Swept SA	- 2 ×
RL RE 50.0 DC SENSE:INT ALTO 04:07:04 PM Jul 30, 2020	Frequency
Center Freq 2.437000000 GHz Trig: Free Run Avg Type: RMS Trace Free Avg Type: RMS NFE PNC: Wide ++ Trig: Free Run Avg Hold: 100/100 Tree Mixed Avg IFGainLow #Atten: 30 dB Get(P P P P P P P Get(P P P P P P P	
Ref Offset 19.79 dB Mkr1 2.436 34 GHz 10 dB/div Ref 30.00 dBm 2.446 dBm	Auto Tune
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monthing manufation and a second framework and a second	2.422000000 GHz
-10.0	Stop Freq
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	<u>uto</u> Man
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800	
60.0	Scale Type

				N20S	ISO_	_Ant	1_243	7_30~	-1000)	
(21	RL	m Analyzer - Swep RF 50 Ω 515.000	DC		SE	NSE:INT	#Avg Ty	ALIGN AUTO	04:07:09 P	MJul 30, 2020	Frequency
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0.0											Center Freq
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-10.)										Start Freq 30.000000 MHz
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Sta	art 0.0300	CH7							Stop 1	0000 GHz	Scale Type
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		m Analyzer - Swep RF 50 Ω	pt SA			NSE:INT		ALIGN AUTO			
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Log	dB/div R	ef 10.00 d	вm			ľ					Center Freq
0.0	0										13.750000000 GHz
-10.	o										Start Freq
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-60.		In the second		المحما	du hada - Tab	A Dell Hores	ر. الارتبار الم	a di sa	James	a hi ann	Auto Man
			A CONTRACTOR	dhaidh Bhadid	بالمريخ وتحقيله	i an the All free	- Andrewski	, daha pinakana			Freq Offset
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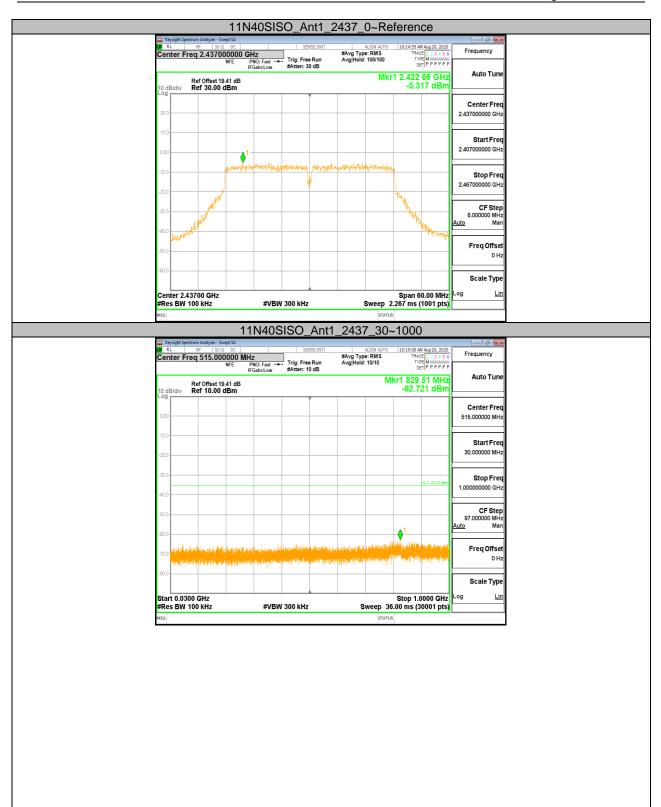
	eysight Spectrum	Analyzer - Swe					462_0				- 2 ×
K											
(XI F	RL R	F 50 Ω	DC		SEN	ISE:INT		IGN AUTO	04:12:24 PI	MJul 30, 2020	Frequency
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			IFO	Gain:Low	#Atten: 3) dB				ET P P P P P P	Auto Tune
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#Re	s BW 100	kHz		#VBW	300 kHz		S	<u> </u>	133 ms (1001 pts)	
MSG								STATUS			
	_										
				N20S	<u>siso_</u>	<u>Ant1</u>	<u>_2462</u>	<u>_30~</u>	<u>1000</u>)	
ш к	eysight Spectrum	Analyzer - Swe	pt SA	N20S							- @ ×
CXXI F	RL R	F 50 Ω 515.000	DC DC 000 MHz	Z	SEN	ISE:INT		IGN AUTO	04:12:29 PI TRAC	M Jul 30, 2020 2E 1 2 3 4 5 6	Frequency
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10 d	nter Freq Re B/div Re	F 50 Ω 515.000	pt SA DC OOO MHZ NFE P1 IFC 79 dB	Z NO:Fast ↔	SEN	ISE:INT		IGN AUTO RMS 10/10	04:12:29 PI TRAC TVF DE	M Jul 30, 2020 2E 1 2 3 4 5 6	Frequency
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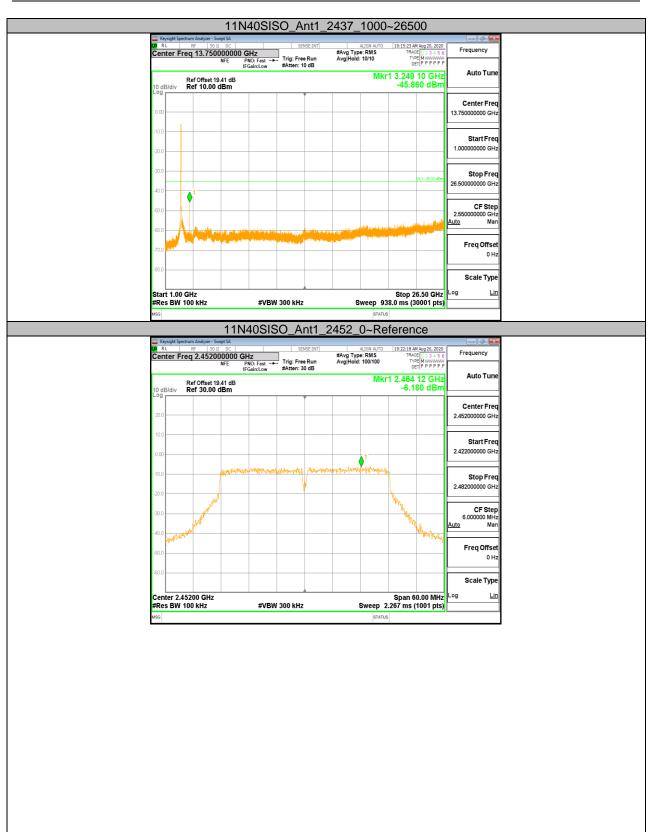
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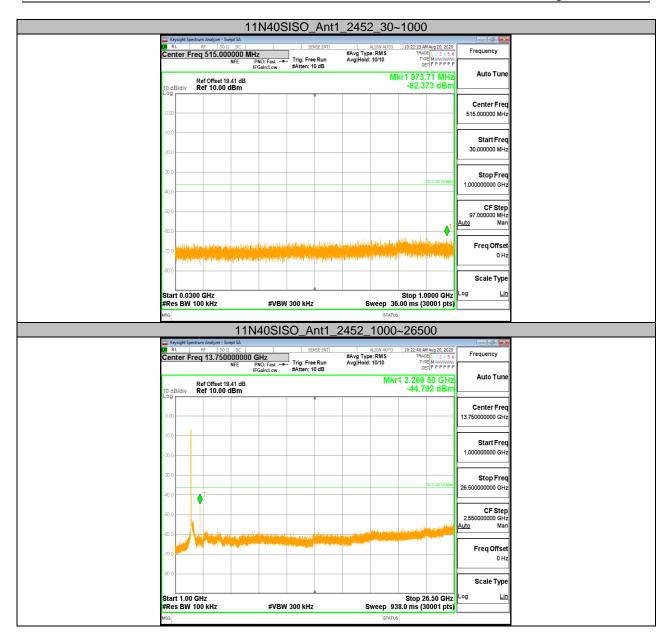
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END OF REPORT