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	11AC80MIMO_	_Ant2_5775	
	Keysight Spectrum Analyzer - Swept SA		- 3 ×
	RL RF 50 Ω DC SENSE:INT Center Freq 5.775000000 GHz NE Trig: Free Run	ALIGN AUTO 09:11:35 AM Jul 02, 2020 #Avg Type: RMS TRACE 12:3 4 5 6 Avg Hold: 10/10 TYPE MWWWWW	Frequency
-	IFGain:Low #Atten: 30 dB	ΔMkr3 75.36 MHz	Auto Tumo
10	Ref Offset 21.89 dB 0 dB/div Ref 20.00 dBm	0.061 dB	
1		3∆1	Center Freq 5.775000000 GHz
-2 -3		Reality Contraction of the second	Start Freq 5.695000000 GHz
-5			Stop Freq 5.85500000 GHz
#1	Center 5.77500 GHz Res BW 100 kHz #VBW 300 kHz	Span 160.0 MHz Sweep 5.933 ms (1001 pts)	CF Step 16.000000 MHz Auto Man
•	X Y Euror 1 N 1 5.73724 GHz -8.672 dBm 2 N 1 f 5.73724 GHz -1.988 dBm 3 Δ1 f 6.77004 GHz -1.988 dBm 3 Δ1 f 6.75.36 MHz (Δ) 0.061 dB 5 6 6 6 6 6	ION FUNCTION WIDTH FUNCTION VALUE	Freq Offset 0 Hz
1	7 8 9 10		Scale Type
1	11 <u> </u>	· · ·	
MSG	sg	STATUS	



Power EIRP Limit Limit Test Mode Antenna Channel Verdict [dBm] [dBm] [dBm] [dBm] Ant1 5180 15.16 <=23.98 17.18 <=22.20 PASS Ant2 5180 17.38 <=23.98 19.4 <=22.21 PASS Ant1 5200 14.80 <=23.98 16.82 <=22.21 PASS <=23.98 5200 16.71 18.73 PASS Ant2 <=22.20 5240 17.79 <=22.20 PASS Ant1 15.77 <=23.98 Ant2 5240 15.66 <=23.98 17.68 <=22.21 PASS 5745 10.16 <=30 PASS 11A20 Ant1 / / Ant2 5745 10.17 <=30 1 1 PASS Ant1 5785 10.04 <=30 1 1 PASS 5785 <=30 PASS Ant2 9.95 1 1 5825 <=30 Ant1 9.11 PASS 1 / 5825 <=30 PASS Ant2 9.68 1 1 <=22.47 Ant1 5180 9.55 <=23.98 14.58 PASS 5180 Ant2 10.85 <=23.98 15.88 <=22.44 PASS total 5180 13.3 <=23.98 18.33 <=22.44 PASS Ant1 5200 9.25 <=23.98 14.28 <=22.47 PASS Ant2 5200 10.35 <=23.98 15.38 <=22.45 PASS 5200 12.8 <=23.98 17.83 <=22.45 PASS total 10.31 Ant1 5240 <=23.98 15.34 <=22.47 PASS Ant2 5240 9.78 <=23.98 14.81 <=22.45 PASS total 5240 13.1 <=23.98 18.13 <=22.45 PASS Ant1 5745 6.34 <=30 PASS 11N20MIMO / Ant2 5745 6.96 <=30 PASS 1 1 total 5745 9.7 <=30 PASS 1 1 Ant1 5785 6.09 <=30 1 1 PASS Ant2 5785 6.94 <=30 PASS 1 1 PASS total 5785 9.5 <=30 1 <=30 6.23 PASS Ant1 5825 1 1 Ant2 5825 6.99 <=30 PASS 1 1 total 5825 9.6 <=30 PASS Ι 12.77 <=23 5190 <=24 17.80 PASS Ant1 5190 <=24 <=23 PASS Ant2 13.69 18.72 total 5190 16.3 <=24 21.33 <=23 PASS Ant1 5230 13.15 <=24 18.18 <=23 PASS Ant2 5230 12.23 <=24 17.26 <=23 PASS <=24 20.73 total 5230 15.7 <=23 PASS 11N40MIMO Ant1 5755 6.79 <=30 PASS 1 1 Ant2 5755 7.42 <=30 1 1 PASS total 5755 10.1 <=30 PASS 1 <=30 Ant1 5795 6.41 I 1 PASS Ant2 5795 6.96 <=30 PASS 5795 9.7 <=30 PASS total Ant1 5180 9.54 <=23.98 14.57 <=22.46 PASS Ant2 5180 10.90 <=23.98 15.93 <=22.48 PASS 13.3 total 5180 <=23.98 18.33 <=22.48 PASS <=22.46 11AC20MIMO Ant1 5200 9.39 <=23.98 14.42 PASS 15.47 Ant2 5200 10.44 <=22.47 PASS <=23.98 total 5200 13.0 <=23.98 18.03 <=22.47 PASS 5240 10.38 <=23.98 15.41 <=22.47 PASS Ant1

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

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	Ant2	5240	9.78	<=23.98	14.81	<=22.47	PASS
	total	5240	13.1	<=23.98	18.13	<=22.47	PASS
	Ant1	5745	6.41	<=30	/	/	PASS
	Ant2	5745	7.18	<=30	/	/	PASS
	total	5745	9.8	<=30	/	/	PASS
	Ant1	5785	6.34	<=30	/	/	PASS
	Ant2	5785	7.05	<=30	/	/	PASS
	total	5785	9.7	<=30	/	/	PASS
	Ant1	5825	6.34	<=30	/	/	PASS
	Ant2	5825	7.09	<=30	/	/	PASS
	total	5825	9.7	<=30	/	/	PASS
	Ant1	5190	12.82	<=24	17.85	<=23	PASS
	Ant2	5190	13.68	<=24	18.71	<=23	PASS
	total	5190	16.3	<=24	21.33	<=23	PASS
	Ant1	5230	13.17	<=24	18.2	<=23	PASS
	Ant2	5230	12.30	<=24	17.33	<=23	PASS
	total	5230	15.8	<=24	20.83	<=23	PASS
11AC40MIMO	Ant1	5755	6.87	<=30	/	/	PASS
	Ant2	5755	7.39	<=30	/	/	PASS
	total	5755	10.1	<=30	/	/	PASS
	Ant1	5795	6.45	<=30	/	/	PASS
	Ant2	5795	7.03	<=30	/	/	PASS
	total	5795	9.8	<=30	/	/	PASS
	Ant1	5210	12.39	<=24	17.42	<=23	PASS
	Ant2	5210	11.27	<=24	16.30	<=23	PASS
	total	5210	14.9	<=24	19.93	<=23	PASS
11AC80MIMO	Ant1	5775	6.58	<=30	/	/	PASS
	Ant2	5775	7.16	<=30	/	/	PASS
	total	5775	9.9	<=30	/	/	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.



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

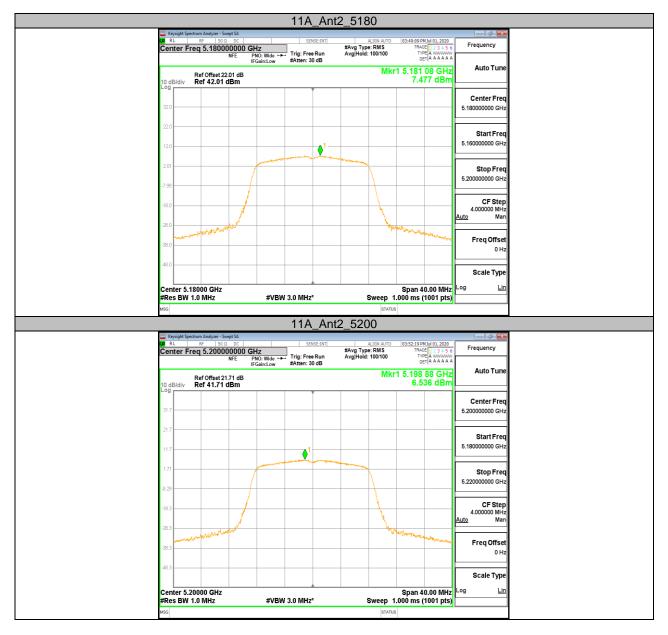
Test Mode	Antenna	Channel	Power	Limit	EIRP	Limit	Verdict
1 Cot Mode	Antonna	Onanner	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	Verdict
		5180	7.48	<=11	9.50	<=10	PASS
		5200	6.54	<=11	8.56	<=10	
11A20	Ant2	5240	5.81	<=11	7.83	<=10	PASS
11720	Antz	5745	-2.52	<=30		<=	PASS
		5785	-2.81	<=30		<=	PASS
		5825	-3.27	<=30		<=	PASS PASS PASS PASS PASS PASS PASS PASS
	Ant1	5180	-0.85	<=11	4.18	<=10	PASS
	Ant2	5180	0.68	<=11	5.71	<=10	PASS
	total	5180	2.99	<=11	8.02	<=10	PASS
	Ant1	5200	-1.05	<=11	3.98	<=10	PASS
-	Ant2	5200	0.14	<=11	5.17	<=10	PASS
-	total	5200	2.60	<=11	7.63	<=10	PASS
-	Ant1	5240	-0.17	<=11	4.86	<=10	PASS
	Ant2	5240	-0.36	<=11	4.67	<=10	PASS
44400004040	total	5240	2.75	<=11	7.78	<=10	PASS
11AC20MIMO	Ant1	5745	-6.42	<=30		<=	PASS
-	Ant2	5745	-5.65	<=30		<=	PASS
-	total	5745	-3.01	<=30			PASS
-	Ant1	5785	-6.62	<=30		<=	PASS
-	Ant2	5785	-6.18	<=30		<=	PASS
-	total	5785	-3.38	<=30			PASS
-	Ant1	5825	-6.52	<=30		<=	PASS
-	Ant2	5825	-6.14	<=30		<=	PASS
-	total	5825	-3.33	<=30			PASS
	Ant1	5190	-1.03	<=11	4.00	<=10	
ľ	Ant2	5190	-0.19	<=11	4.84	<=10	PASS
-	total	5190	2.42	<=11	7.45	<=10	PASS
-	Ant1	5230	-0.45	<=11	4.58	<=10	
-	Ant2	5230	-1.39	<=11	3.64	<=10	
	total	5230	2.12	<=11	7.15	<=10	PASS
11AC40MIMO	Ant1	5755	-9.38	<=30		<=	
ľ	Ant2	5755	-9.15	<=30		<=	
-	total	5755	-6.25	<=30			PASS
-	Ant1	5795	-10.08	<=30		<=	
ł	Ant2	5795	-9.35	<=30		<=	
	total	5795	-6.69	<=30			
	Ant1	5210	-3.42	<=11	1.61	<=10	
ł	Ant2	5210	-4.09	<=11	0.94	<=10	
	total	5210	-0.73	<=11	4.30	<=10	
11AC80MIMO	Ant1	5775	-13.01	<=30		<=	
4	Ant2	5775	-12.89	<=30		<=	
	total	5775	-9.94	<=30			PASS

Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz. 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

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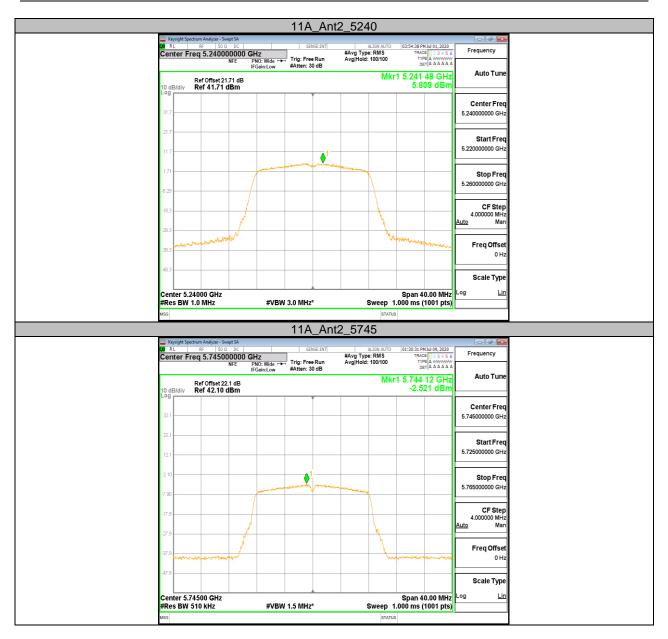


11.5.2. Test Graphs



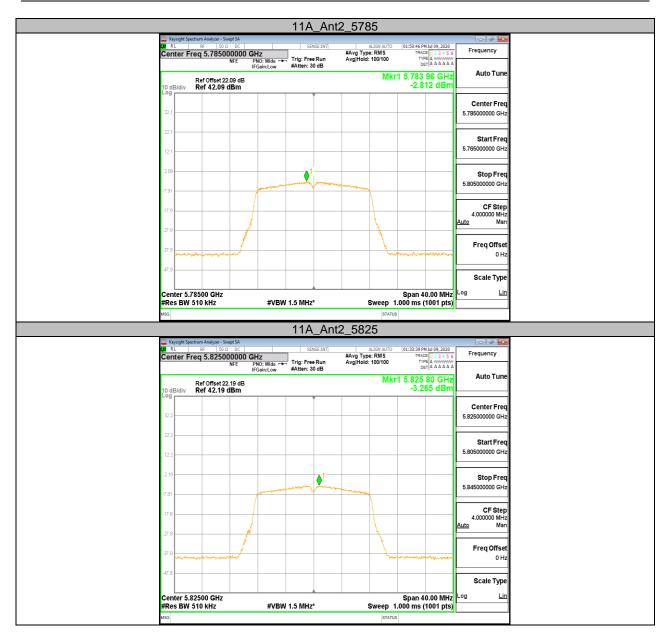


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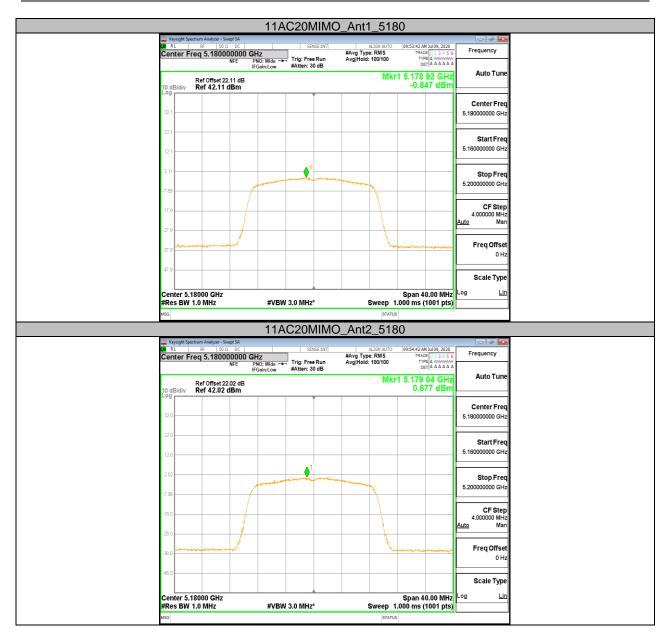


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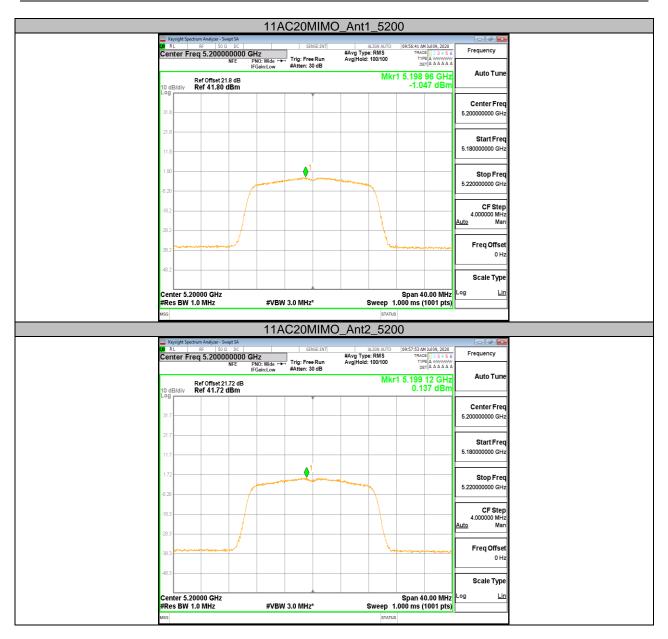


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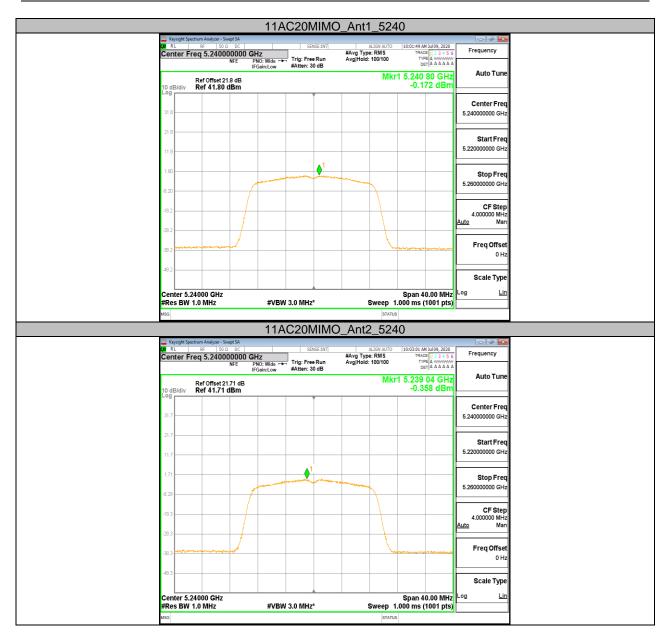


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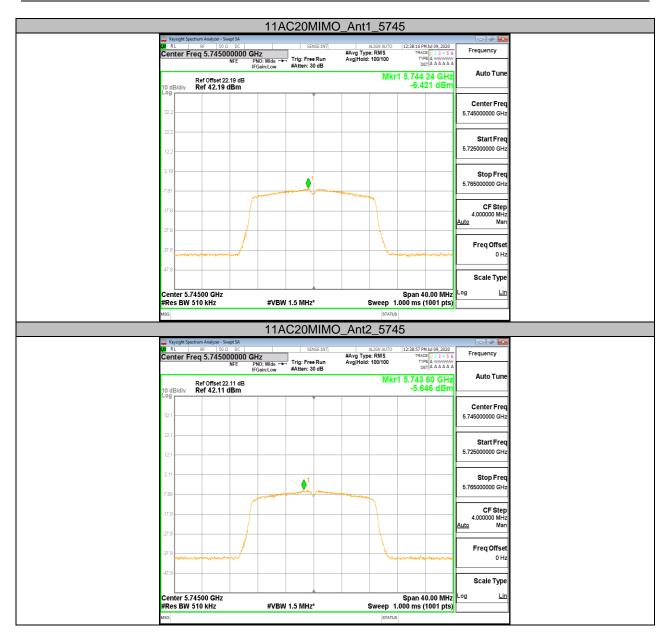


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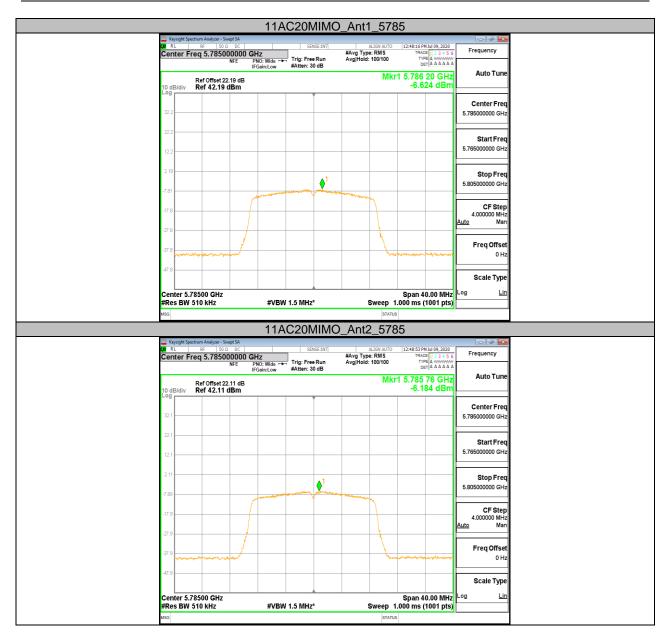


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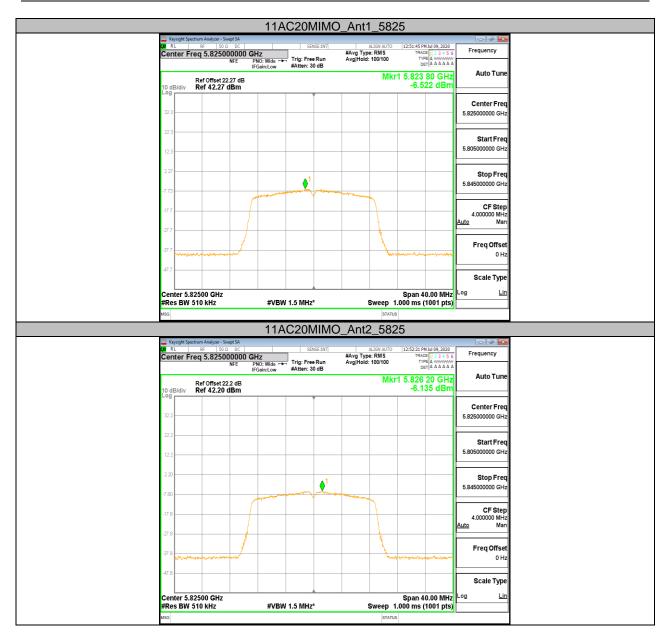


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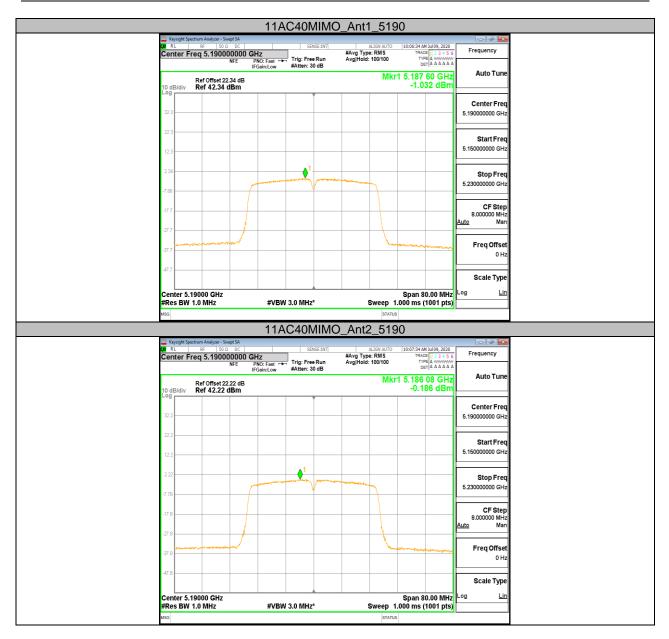


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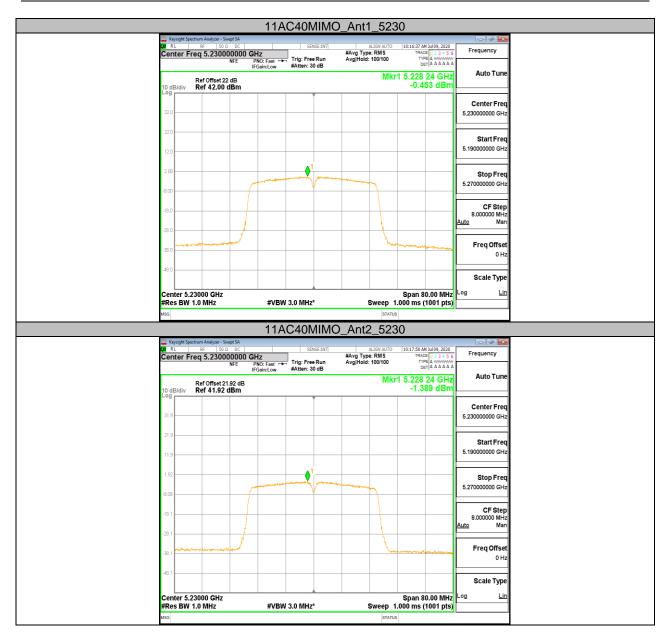


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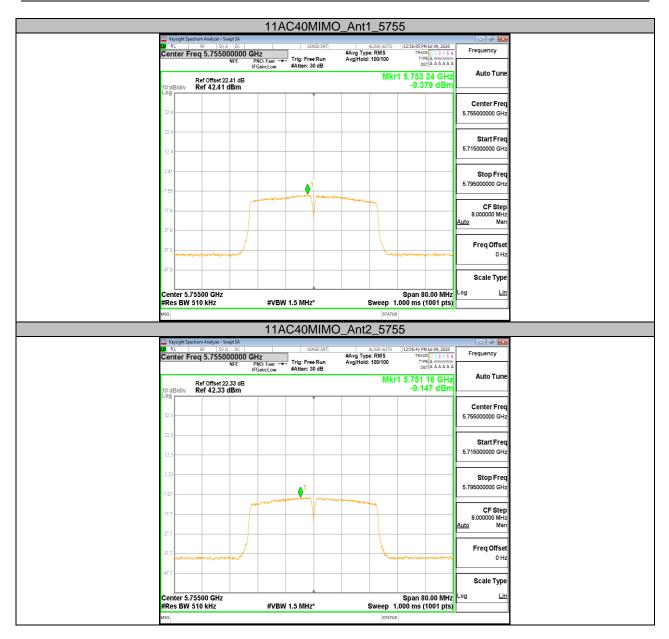


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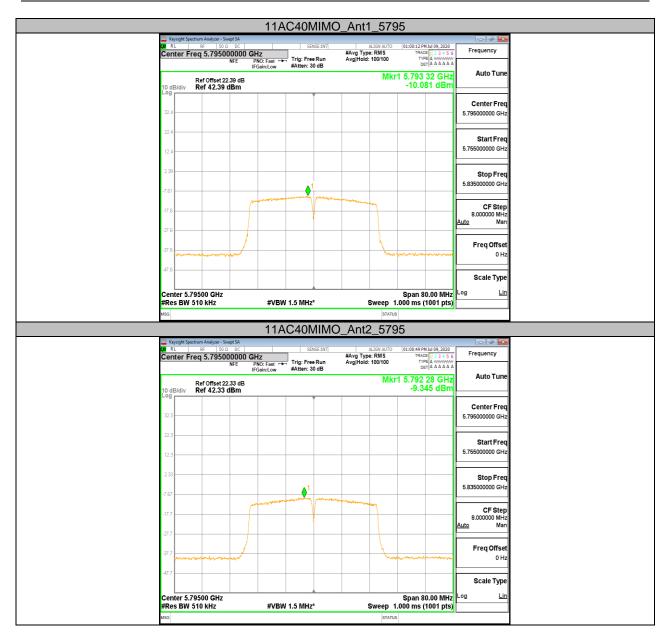


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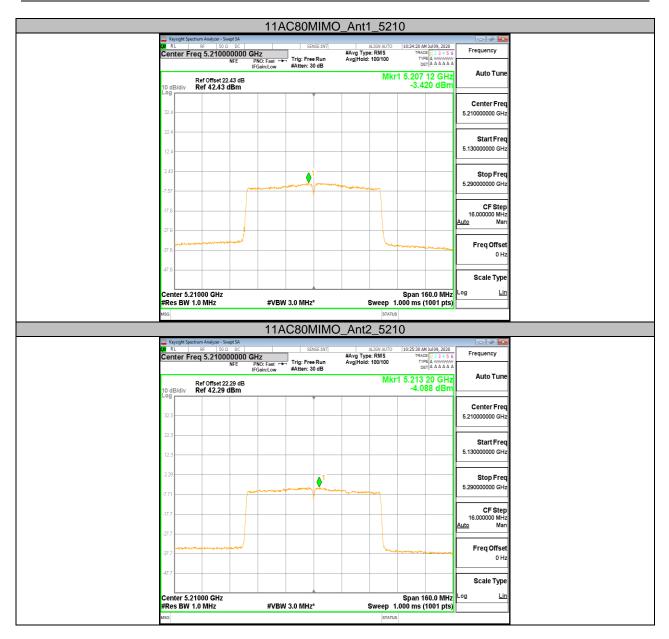


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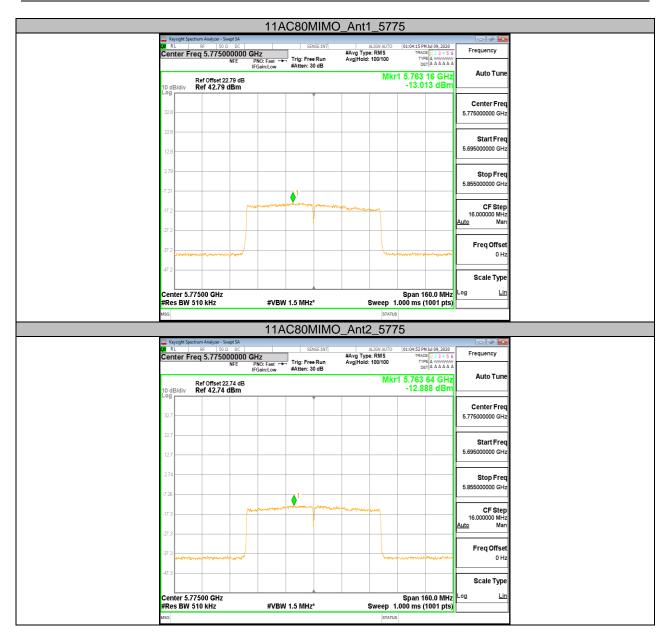


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11.6. Appendix D: Duty Cycle 11.6.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A20	1.390	1.455	0.955	95.5%	0.20	0.72	1.0
11AC20MIMO	1.310	1.374	0.953	95.3%	0.21	0.76	1.0
11AC40MIMO	0.650	0.714	0.910	91.0%	0.41	1.54	2.0
11AC80MIMO	0.322	0.386	0.834	83.4%	0.79	3.11	4.0

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.



11.6.2. Test Graphs

11A_Ant2_5180	
	- 8 💌
Center Freq 5.18000000 GHz NFE PN0: Fast →→ IFig: Video FRG: Intervention of the state of th	Frequency
Ref Offset 21.81 dB △Mkr3 1.455 ms 10 dB/dly Ref 30.00 dBm 1.98 dB	Auto Tune
	Center Freq 5.18000000 GHz
100 000 100	
	Start Freq 5.18000000 GHz
40.0	Stop Freq 5.18000000 GHz
© Center 5.18000000 GHz Span 0 Hz	
Res BW 8 MHz #VBW 8.0 MHz Sweep 10.13 ms (8000 pts) Imm	CF Step 8.000000 MHz <u>Auto</u> Man
1 N 1 t 616.9 μs 19.81 dBm 2 Δ1 1 t (Δ) 1.390 ms (Δ) 0.86 dB 33 Δ1 1 t (Δ) 1.455 ms (Δ) 1.98 dB 4 5 5 5 5 5	Freq Offset 0 Hz
6 7 8 9	Scale Type
	Log <u>Lin</u>
MSG STATUS	
11AC20MIMO_Ant2_5180	
Keysight Spectrum Analyzer - Swept SA RL RF 50 Ω DC SENSE:INT ALIGN AUTO 04:41:54 PM 3ul 01, 2020	Erectioner
Center Freq 5.180000000 GHz NFE PN0:Fast + Trig Delay-20:0.ps #Avg Type: RMS Tree PN0:Fast + Trig Delay-20:0.ps #Avg Type: RMS Tree Ficialit.cov #Atten: 40 dB	Frequency
Ref Offset21.81 dB ΔMkr3 1.374 ms 10 dBildiv Ref 30.00 dBm 0.75 dB Log 4504 4504	Auto Tune
200 Strate Type Science Field (1995) 201 Strate Science (1995) 1995 Science Science (1995) 1995 Science Scienc	Center Freq 5.180000000 GHz
	Start Freq 5.18000000 GHz
-30.0	Stop Freq
	5.18000000 GHz
Center 5.180000000 GHz Span 0 Hz Res BW 8 MHz #VBW 8.0 MHz Sweep 10.13 ms (8000 pts)	CF Step 8.000000 MHz <u>Auto</u> Man
MOSE MODE HIRE (SOL) X Y EUMITION EUMITION WORK FUNATION WORK <t< td=""><td>Freq Offset</td></t<>	Freq Offset
	Scale Type
8 9 10	
	Log <u>Lin</u>



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Model State	11AC40MIMO_Ant2_5190	
Image: Control of the second of the secon	Keysight Spectrum Analyzer - Swept SA	- 8 ×
Auto Tune 15.04 gr 15.04 gr 15.04 gr 15.04 gr 15.04 gr 15.00 gr 10 gr 1	LI RL BF 50.0 DC SPECIMI ALIGN MJTO 088-51:514 MF-Mid(2, 2020 Center Freq 5.1900000000 GHz Trig Delay-2000 μs #Avg Type:RMS TR⊀CE[1:3:4:5.6 NFF PM():Fast → Trig:Video Trive[WWWWWW	
Center 5,19000000 GHz State Tree State T	Ref Offset 21.91 dB ΔΜkr3 714.4 μs 10 dB/div Ref 30.00 dBm 15.04 dB	Auto Tune
Start Freq 5.10000000 CHz Res BW 8 MHz 2 At 1 t (a) 523 as (b) 542 dBm 2 At 1 t (a) 523 as (b) 542 dBm 2 At 1 t (a) 523 as (b) 542 dBm 1 BACK BACK BACK BACK BACK BACK BACK BACK		
Image: State of the state	-20.0 -30.0	
Res BW 8 MHz #VBW 8.0 MHz Sweep 10.13 ms (8000 pts) s.00000 MHz Control High T (A) T	-50.0	
1 Λ t Λ T 7753 μ m -3.82 dBm	Res BW 8 MHz #VBW 8.0 MHz Sweep 10.13 ms (8000 pts)	8.000000 MHz
Scale Type Lg Lg Lg Lg Lg Lg Lg Lg Lg Lg	1 N 1 t 78.53 μs -3.62 dBm 2 Δ1 1 t (Δ) 649.8 μs (Δ) 19.46 dB 3 Δ1 1 t (Δ) 714.4 μs (Δ) 15.04 dB 4 5	
Ender Freq 5.210000000 GHz Ref 0fBet 21 5 dB 10 dBtdl/v Ref 30.00 dBm 0 dBtdl/v Ref 30.00 dBm 10 dBtdl/v Ref 30.00 dB	6 7 8 9 10	
Keydight Spectrum Analyzer Sampt Sa. Stock Stock ALION AUTO (90-04-39 MI MAD2, 2020) Frequency Center Freq 5.210000000 CHz Trig Delay-200.0 µx #Avg Type: RMS Image Sampt S	MSG STATUS	
Center Freq 5.21000000 GHz Trig Delay-2000 μs #Avg Type: RMS Trice 123 43 6 Frequency NFE PFGainLow Frequency Auto Tune Trig Delay-2000 μs Auto Tune 100 Trig Delay-2000 μs Ref 30.00 dBm -0.43 dB -0.43 dB Start Freq 5.210000000 GHz 200 Trig Delay-2000 μs Ref 30.00 dBm Ref 30.00 dBm -0.43 dB Start Freq 5.210000000 GHz 200 Trig Delay-2000 μs Ref 30.00 dBHz Ref 30.00 dBm Start Freq 5.210000000 GHz 200 Trig Delay-2000 μs Ref 2000000 GHz Ref 2000000 GHz Start Freq 5.210000000 GHz 200 Trig Delay-2000 μs Ref 2000000 GHz Ref 2000000 GHz Ref 200000 GHz <		
Centre Freq 32.21000000 GHz FNC Fast - Freq Giftset 21.5 dB Auto Tune 10 dBldv Ref Offset 21.5 dB -0.43 dB Center Freq 5.21000000 GHz 10 dBldv Ref 30.00 dBm -0.43 dB -0.43 dB Center Freq 5.21000000 GHz 10 dBldv Ref 30.00 dBm -0.43 dB -0.43 dB Start Freq 5.21000000 GHz 10 dBldv Ref 30.00 dBm -0.43 dB -0.43 dB Start Freq 5.21000000 GHz 10 dBldv Ref 30.00 dBm -0.43 dB -0.43 dB Start Freq 5.21000000 GHz 20 dBldv Ref 30.00 dBm -0.43 dB -0.43 dB Start Freq 5.21000000 GHz 20 dBldv Ref 30.00 GHz RVBW 8.0 MHz Sweep 10.13 ms (8000 pts) Stop Freq 5.21000000 GHz 20 dBldv Ref 30.00 GHz RVBW 8.0 MHz Sweep 10.13 ms (8000 pts) Auto Tune 1 N ot t 19.00 us 8.69 dBm Ref 10.13 ms (8000 pts) Auto Tune 2 1 1 t (A) 3267.17 us (A) 326.3 us (A) -0.43 dB Start Freq 0ffset 0 Hz -0.43 dB -0.43 dB -0.43 dB 3 A1 1 t (A) 326.3 us (A) -0.43 dB -0.43 dB -0.43 dB -0.	대 Reysight Spectrum Analyzer - Swept SA R R 유민 이유 50 요 DC SENSE:NT ALION AUTO 09:04:39 AM 3ul 02, 2020	
Ref Offset 215.dB Center Freq 0.0gd/dv Ref 0fset 215.dB -0.43 dB 1.0gd/dv Ref 0fset 215.dB <t< td=""><th>NFE PNO: Fast →→ Ing. Video IFGain:Low #Atten: 40 dB 0ET PPPPP</th><td></td></t<>	NFE PNO: Fast →→ Ing. Video IFGain:Low #Atten: 40 dB 0ET PPPPP	
200 Center Freq 5.210000000 GHz 000 0000 000 0000 000 0000 00000 00000 00000 00000 000000 00000 000000 000000 00000000000 000000 000000000000000000000000000000000000	10 dB/div Ref 30.00 dBm -0.43 dB	Auto Tune
-10.0 -10.0 <t< td=""><th></th><td></td></t<>		
Stop Freq 60.0 Stop Freq 60.0 Span 0 Hz Center 5.210000000 GHz Span 0 Hz Res BW 8 MHz #VBW 8.0 MHz Sweep 10.13 ms (8000 pts) 8.68 dBm 2 A1 t 4 1 t 4 1 t 5 386.3 us (A) 7 A1 8 A1 10 A1 11 t 10 A1 10 Log 10 Log		
Res BW % MHz #VBW 8.0 MHz Sweep 10.13 ms (8000 pts) Auto Man 1000000000000000000000000000000000000		5.210000000 GHz
2 Δ1 1 t (Δ) 321.7 us (Δ) 2.34 dB 4 Δ1 1 t (Δ) 386.3 us (Δ) -0.43 dB 5 6 6 6 6 6 6 6 1<		8.000000 MHz
8 9 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MMR MODELTRC SCL X Y FUNCTION RUNCTION WOTH RUNCTION VALUE ~ 1 N 1 t 19.00 us 8.69 dBm	Auto Man
	INR X Y FUNCTION FUNCTION WOTH FUNCTION WALE A 1 N 1 t 19.00 μs 8.69 dBm 8 4 3 2.34 dB 3 2.34 dB 3 41 1 t (Δ) 386.3 μs (Δ) -0.43 dB 4 5 6 5	Freq Offset
	ΝΟΡΕ TRC SCL X Y FUNCTION FUNCTION WOMTH FUNCTION WALLE A 1 N 1 1 19.00 μs 8.69 dBm 2 34 1 1 (Δ) 2.34 dB 2.34 dB 3 3 Δ1 1 (Δ) 336.3 μs (Δ) -0.43 dB 4 5 6 7 8 9 10	Freq Offset 0 Hz Scale Type



11.7. Appendix E: Frequency Stability 11.7.1. Test Result

				Frequency	Error vs. V	oltage				
				802.11	a20:5200MH	łz				
		0 Min	ute	2 Minute		5 Min	5 Minute		10 Minute	
Temp.	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	
TN	VL	5200.0040	0.76	5199.9967	-0.64	5200.0120	2.30	5199.9995	-0.10	
ΤN	VN	5200.0185	3.55	5199.9955	-0.86	5200.0194	3.73	5199.9868	-2.54	
ΤN	VH	5200.0060	1.16	5199.9804	-3.77	5200.0060	1.15	5199.9942	-1.11	
				Frequency Er	ror vs. Tem	perature				
				802.11	a20:5200MH	łz				
	0 Minute 2 Minute 5 Minute 10 Minute									
Temp.	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	
40	VN	5200.0213	4.09	5200.0183	3.51	5199.9897	-1.98	5199.9795	-3.93	
30	VN	5200.0195	3.74	5200.0020	0.38	5200.0178	3.42	5199.9835	-3.17	
20	VN	5199.9876	-2.38	5199.9911	-1.72	5199.9947	-1.03	5200.0027	0.51	
10	VN	5200.0054	1.04	5199.9839	-3.10	5200.0163	3.14	5200.0093	1.79	
0	VN	5200.0023	0.45	5199.9897	-1.97	5200.0164	3.15	5200.0159	3.05	
				Frequency	Error vs. V	oltage				
				802.11	a20:5825MH	łz				
Tamm	Valt	0 Min	ute	2 Min	ute	5 Min	ute	10 Mir	nute	
Temp.	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	
ΤN	VL	5825.0044	0.76	5824.9788	-3.64	5824.9952	-0.83	5824.9937	-1.09	
ΤN	VN	5825.0178	3.06	5824.9927	-1.26	5825.0072	1.24	5825.0119	2.04	
ΤN	VH	5824.9999	-0.01	5824.9985	-0.26	5825.0214	3.67	5824.9973	-0.47	
				Frequency Er	rror vs. Tem	perature				
				802.11	a20:5825MH	łz				
Toma	Volt.	0 Min	ute	2 Min	ute	5 Min	ute	10 Mir	nute	
Temp.	VOIt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	
40	VN	5824.9913	-1.49	5825.0188	3.23	5825.0000	0.00	5825.0057	0.98	
30	VN	5825.0011	0.20	5824.9948	-0.89	5824.9819	-3.11	5825.0093	1.60	
20	VN	5824.9979	-0.36	5825.0167	2.86	5825.0136	2.33	5825.0175	3.00	
10	VN	5824.9958	-0.72	5824.9792	-3.57	5825.0204	3.50	5825.0077	1.32	
0	VN	5824.9768	-3.98	5824.9993	-0.11	5824.9813	-3.20	5824.9941	-1.02	

Note: All the test modes have been tested, only the worst data record in the report.

END OF REPORT

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