

## AppendixA1: Emission Bandwidth

## **Test Result**

Test Mode	Antenna	Frequency[MHz]	Rate	26db EBW [MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	6Mbps	25.89		
11A	Ant2	5180	6Mbps	25.41	<del></del>	
11A	Ant1	5200	6Mbps	25.48		
11A	Ant2	5200	6Mbps	25.22		<u> </u>
11A	Ant1	5240	6Mbps	19.78	<u> </u>	
11A	Ant2	5240	6Mbps	19.07		<u> </u>
11A	Ant1	5260	6Mbps	24.13		
11A	Ant2	5260	6Mbps	24.56		
11A	Ant1	5280	6Mbps	24.56	Sec	
11A	Ant2	5280	6Mbps	25.69		-
11A	Ant1	5320	6Mbps	26.41		
11A	Ant2	5320	6Mbps	22.56		S =
11A	Ant1	5500	6Mbps	24.18		
11A	Ant2	5500	6Mbps	24.15		
11A	Ant1	5580	6Mbps	23.59		
11A	Ant2	5580	6Mbps	23.83	<u>-</u> -	
11A	Ant1	5700	6Mbps	23.69		
11A	Ant2	5700	6Mbps	25.24		
11A	Ant1	5745	6Mbps	25.06	<u></u>	<u> </u>
11A	Ant2	5745	6Mbps	24.88		
11A	Ant1	5785	6Mbps	25.01		
11A	Ant2	5785	6Mbps	24.73		<u> </u>
11A	Ant1	5825	6Mbps	22.57		
11A	Ant2	5825	6Mbps	23.62		
11N20SISO	Ant1	5180	MCS0	25.90		<u></u>
11N20SISO	Ant2	5180	MCS0	25.17		
11N20SISO	Ant1	5200	MCS0	24.65	<u> </u>	<u> </u>
11N20SISO	Ant2	5200	MCS0	23.77		3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -
11N20SISO	Ant1	5240	MCS0	19.49	100 <u>11</u> 17 18	
11N20SISO	Ant2	5240	MCS0	20.05		
11N20SISO	Ant1	5260	MCS0	24.30		0 a
11N20SISO	Ant2	5260	MCS0	24.62	Sec 8	
11N20SISO	Ant1	5280	MCS0	25.35	- 1 <u></u> -	3 S
11N20SISO	Ant2	5280	MCS0	26.19	<u> </u>	
11N20SISO	Ant1	5320	MCS0	24.02		
11N20SISO	Ant2	5320	MCS0	25.01		
11N20SISO	Ant1	5500	MCS0	25.97		
11N20SISO	Ant2	5500	MCS0	27.02		
11N20SISO	Ant1	5580	MCS0	23.98		
11N20SISO	Ant2	5580	MCS0	26.02		_
11N20SISO	Ant1	5700	MCS0	25.49		



<u></u>				Renor	t No.:GTS202401	10071E04-I
11N20SISO	Ant2	5700	MCS0	24.77		
11N20SISO	Ant1	5745	MCS0	24.10		<u></u>
11N20SISO	Ant2	5745	MCS0	25.05	<u></u>	<u></u>
11N20SISO	Ant1	5785	MCS0	25.48		<u></u>
11N20SISO	Ant2	5785	MCS0	25.05		
11N20SISO	Ant1	5825	MCS0	25.77		
11N20SISO	Ant2	5825	MCS0	24.28		200 <u>200</u>
11N40SISO	Ant1	5190	MCS0	39.59		
11N40SISO	Ant2	5190	MCS0	39.48	<u></u>	<u></u>
11N40SISO	Ant1	5230	MCS0	39.69		
11N40SISO	Ant2	5230	MCS0	39.25	<u></u>	
11N40SISO	Ant1	5270	MCS0	39.00		<u></u>
11N40SISO	Ant2	5270	MCS0	39.22		
11N40SISO	Ant1	5310	MCS0	39.06		
11N40SISO	Ant2	5310	MCS0	39.20		
11N40SISO	Ant1	5510	MCS0	40.51		
11N40SISO	Ant2	5510	MCS0	39.44		
11N40SISO	Ant1	5550	MCS0	39.63		
11N40SISO	Ant2	5550	MCS0	39.55	<u> </u>	
11N40SISO	Ant1	5670	MCS0	39.62		
11N40SISO	Ant2	5670	MCS0	39.04		
11N40SISO	Ant1	5755	MCS0	39.67		
11N40SISO	Ant2	5755	MCS0	39.78		
11N40SISO	Ant1	5795	MCS0	39.37	-	
11N40SISO	Ant2	5795	MCS0	39.66		
11AC20SISO	Ant1	5180	MCS0	23.51		<del>-</del>
11AC20SISO	Ant2	5180	MCS0	24.69		
11AC20SISO	Ant1	5200	MCS0	24.19		100
11AC20SISO	Ant2	5200	MCS0	24.54		
11AC20SISO	Ant1	5240	MCS0	20.15	<del>-</del>	
11AC20SISO	Ant2	5240	MCS0	19.78	-	
11AC20SISO	Ant1	5260	MCS0	24.38	-	
11AC20SISO	Ant2	5260	MCS0	24.32		<u></u>
11AC20SISO	Ant1	5280	MCS0	23.61		
11AC20SISO	Ant2	5280	MCS0	24.48		
11AC20SISO	Ant1	5320	MCS0	25.22	-	
11AC20SISO	Ant2	5320	MCS0	24.08		_
11AC20SISO	Ant1	5500	MCS0	25.11	-	_
11AC20SISO	Ant2	5500	MCS0	25.13	<del>-</del> -	_
11AC20SISO	Ant1	5580	MCS0	24.18	-	
11AC20SISO	Ant2	5580	MCS0	24.35	-	
11AC20SISO	Ant1	5700	MCS0	23.97		
11AC20SISO	Ant2	5700	MCS0	23.92		
11AC20SISO	Ant1	5745	MCS0	24.70	-	
11AC20SISO	Ant2	5745	MCS0	24.83		

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<u> </u>				Penor	t No.:GTS202401	10071E04
11AC20SISO	Ant1	5785	MCS0	24.41		
11AC20SISO	Ant2	5785	MCS0	25.03		
11AC20SISO	Ant1	5825	MCS0	24.56	<u></u>	
11AC20SISO	Ant2	5825	MCS0	25.35		
11AC40SISO	Ant1	5190	MCS0	39.41		
11AC40SISO	Ant2	5190	MCS0	39.68	<u></u>	
11AC40SISO	Ant1	5230	MCS0	39.13		
11AC40SISO	Ant2	5230	MCS0	39.41	<u> </u>	
11AC40SISO	Ant1	5270	MCS0	39.33	<u> </u>	
11AC40SISO	Ant2	5270	MCS0	39.50		
11AC40SISO	Ant1	5310	MCS0	39.35		
11AC40SISO	Ant2	5310	MCS0	39.46		
11AC40SISO	Ant1	5510	MCS0	38.84		
11AC40SISO	Ant2	5510	MCS0	39.20		
11AC40SISO	Ant1	5550	MCS0	39.23	<u>-</u>	<u></u>
11AC40SISO	Ant2	5550	MCS0	39.81	<u>-</u>	
11AC40SISO	Ant1	5670	MCS0	39.09		
11AC40SISO	Ant2	5670	MCS0	39.30		
11AC40SISO	Ant1	5755	MCS0	39.16		
11AC40SISO	Ant2	5755	MCS0	39.66	<u>-</u> -	<u>-</u> -
11AC40SISO	Ant1	5795	MCS0	39.33		
11AC40SISO	Ant2	5795	MCS0	39.76		
11AC80SISO	Ant1	5210	MCS0	79.53		
11AC80SISO	Ant2	5210	MCS0	79.58		
11AC80SISO	Ant1	5290	MCS0	79.15	S 33	
11AC80SISO	Ant2	5290	MCS0	79.56		
11AC80SISO	Ant1	5530	MCS0	79.32		
11AC80SISO	Ant2	5530	MCS0	79.40		0 a
11AC80SISO	Ant1	5610	MCS0	79.47	No. 27 (2)	
11AC80SISO	Ant2	5610	MCS0	79.72		
11AC80SISO	Ant1	5775	MCS0	79.16		
11AC80SISO	Ant2	5775	MCS0	79.46		
11AX20SISO	Ant1	5180	MCS0	21.26		
11AX20SISO	Ant2	5180	MCS0	20.76	<u></u>	<u>-</u>
11AX20SISO	Ant1	5200	MCS0	21.60		
11AX20SISO	Ant2	5200	MCS0	21.07	_	
11AX20SISO	Ant1	5240	MCS0	19.78		
11AX20SISO	Ant2	5240	MCS0	19.88		
11AX20SISO	Ant1	5260	MCS0	28.09	<u>-</u>	<u> </u>
11AX20SISO	Ant2	5260	MCS0	22.82		
11AX20SISO	Ant1	5280	MCS0	21.60	-	
11AX20SISO	Ant2	5280	MCS0	21.93		<u></u>
11AX20SISO	Ant1	5320	MCS0	20.93	<u>-</u>	
11AX20SISO	Ant2	5320	MCS0	21.58		
11AX20SISO	Ant1	5500	MCS0	21.36		

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<u> </u>				Penor	t No.:GTS202401	10071E04_E
11AX20SISO	Ant2	5500	MCS0	21.41		
11AX20SISO	Ant1	5580	MCS0	21.31		
11AX20SISO	Ant2	5580	MCS0	20.94		
11AX20SISO	Ant1	5700	MCS0	21.28		<u></u>
11AX20SISO	Ant2	5700	MCS0	20.83		
11AX20SISO	Ant1	5745	MCS0	20.85		
11AX20SISO	Ant2	5745	MCS0	21.13		
11AX20SISO	Ant1	5785	MCS0	21.27		
11AX20SISO	Ant2	5785	MCS0	22.52		
11AX20SISO	Ant1	5825	MCS0	21.57		
11AX20SISO	Ant2	5825	MCS0	20.99	<u> </u>	
11AX40SISO	Ant1	5190	MCS0	39.11		
11AX40SISO	Ant2	5190	MCS0	39.09		
11AX40SISO	Ant1	5230	MCS0	39.17		
11AX40SISO	Ant2	5230	MCS0	39.24		
11AX40SISO	Ant1	5270	MCS0	39.24		
11AX40SISO	Ant2	5270	MCS0	39.40		
11AX40SISO	Ant1	5310	MCS0	39.40		
11AX40SISO	Ant2	5310	MCS0	39.29		
11AX40SISO	Ant1	5510	MCS0	39.36		
11AX40SISO	Ant2	5510	MCS0	39.12		
11AX40SISO	Ant1	5550	MCS0	38.98		
11AX40SISO	Ant2	5550	MCS0	39.10		
11AX40SISO	Ant1	5670	MCS0	39.23	-	
11AX40SISO	Ant2	5670	MCS0	39.02		
11AX40SISO	Ant1	5755	MCS0	39.61		<del>-</del>
11AX40SISO	Ant2	5755	MCS0	39.20		-
11AX40SISO	Ant1	5795	MCS0	39.38		
11AX40SISO	Ant2	5795	MCS0	39.33		
11AX80SISO	Ant1	5210	MCS0	79.91		-
11AX80SISO	Ant2	5210	MCS0	79.81		<u>-</u> -
11AX80SISO	Ant1	5290	MCS0	79.94		
11AX80SISO	Ant2	5290	MCS0	79.84		
11AX80SISO	Ant1	5530	MCS0	79.84		
11AX80SISO	Ant2	5530	MCS0	79.74		
11AX80SISO	Ant1	5610	MCS0	79.86		
11AX80SISO	Ant2	5610	MCS0	79.74	-	
11AX80SISO	Ant1	5775	MCS0	79.80		
11AX80SISO	Ant2	5775	MCS0	79.99		<u></u> .
11N20MIMO	Ant1	5180	MCS0	24.23		-
11N20MIMO	Ant2	5180	MCS0	23.71		
11N20MIMO	Ant1	5200	MCS0	25.03		
11N20MIMO	Ant2	5200	MCS0	22.33		<u></u>
11N20MIMO	Ant1	5240	MCS0	19.85		
11N20MIMO	Ant2	5240	MCS0	19.58		



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11N20MIMO	Ant1	5260	MCS0	26.30		
11N20MIMO	Ant2	5260	MCS0	22.81	<u> </u>	
11N20MIMO	Ant1	5280	MCS0	24.74	<u> </u>	
11N20MIMO	Ant2	5280	MCS0	22.80		
11N20MIMO	Ant1	5320	MCS0	25.23	<u></u>	
11N20MIMO	Ant2	5320	MCS0	24.37		
11N20MIMO	Ant1	5500	MCS0	25.32		
11N20MIMO	Ant2	5500	MCS0	22.05	\$.62 <u>-</u> 2-3	
11N20MIMO	Ant1	5580	MCS0	24.27		
11N20MIMO	Ant2	5580	MCS0	23.48		
11N20MIMO	Ant1	5700	MCS0	25.99	<u> </u>	<u></u> -
11N20MIMO	Ant2	5700	MCS0	23.27		<u></u>
11N20MIMO	Ant1	5745	MCS0	24.94		
11N20MIMO	Ant2	5745	MCS0	21.75	- T	<u></u> -
11N20MIMO	Ant1	5785	MCS0	27.66		-
11N20MIMO	Ant2	5785	MCS0	22.85		
11N20MIMO	Ant1	5825	MCS0	23.58		
11N20MIMO	Ant2	5825	MCS0	22.30	-	
11N40MIMO	Ant1	5190	MCS0	39.24		<u> </u>
11N40MIMO	Ant2	5190	MCS0	39.63	<u>-</u>	<u>-</u>
11N40MIMO	Ant1	5230	MCS0	39.86		
11N40MIMO	Ant2	5230	MCS0	39.20		<u> </u>
11N40MIMO	Ant1	5270	MCS0	39.58	-	
11N40MIMO	Ant2	5270	MCS0	38.65		
11N40MIMO	Ant1	5310	MCS0	39.68	_	
11N40MIMO	Ant2	5310	MCS0	39.12		
11N40MIMO	Ant1	5510	MCS0	39.67		_
11N40MIMO	Ant2	5510	MCS0	38.37		
11N40MIMO	Ant1	5550	MCS0	39.39		
11N40MIMO	Ant2	5550	MCS0	39.14	_	-
11N40MIMO	Ant1	5670	MCS0	40.23		
11N40MIMO	Ant2	5670	MCS0	38.50		
11N40MIMO	Ant1	5755	MCS0	40.13		
11N40MIMO	Ant2	5755	MCS0	39.04	<u>-</u> -	-
11N40MIMO	Ant1	5795	MCS0	40.12	<del></del>	<u></u>
11N40MIMO	Ant2	5795	MCS0	39.15	-	
11AC20MIMO	Ant1	5180	MCS0	24.64	-	<u>-</u>
11AC20MIMO	Ant2	5180	MCS0	23.55	-	
11AC20MIMO	Ant1	5200	MCS0	24.65	<del></del>	-
11AC20MIMO	Ant2	5200	MCS0	21.80		<u>-</u> -
11AC20MIMO	Ant1	5240	MCS0	20.11	-	
11AC20MIMO	Ant2	5240	MCS0	19.76	-	-
11AC20MIMO	Ant1	5260	MCS0	25.54	_	
11AC20MIMO	Ant2	5260	MCS0	22.68	_	
11AC20MIMO	Ant1	5280	MCS0	26.62		<u> </u>

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				Renor	: No.:GTS20240	10071F04-F
11AC20MIMO	Ant2	5280	MCS0	22.45		
11AC20MIMO	Ant1	5320	MCS0	26.82	5 - 5	<u></u> -
11AC20MIMO	Ant2	5320	MCS0	23.14	1	
11AC20MIMO	Ant1	5500	MCS0	26.53		
11AC20MIMO	Ant2	5500	MCS0	22.24		<u> </u>
11AC20MIMO	Ant1	5580	MCS0	26.87		
11AC20MIMO	Ant2	5580	MCS0	22.38	<u> </u>	
11AC20MIMO	Ant1	5700	MCS0	23.89	3 ( <u>-</u> )	<u>-</u> -
11AC20MIMO	Ant2	5700	MCS0	23.02		S -
11AC20MIMO	Ant1	5745	MCS0	26.54		<u></u>
11AC20MIMO	Ant2	5745	MCS0	22.53	<u></u>	
11AC20MIMO	Ant1	5785	MCS0	24.70		
11AC20MIMO	Ant2	5785	MCS0	21.76		
11AC20MIMO	Ant1	5825	MCS0	24.12		
11AC20MIMO	Ant2	5825	MCS0	22.79		
11AC40MIMO	Ant1	5190	MCS0	39.75		
11AC40MIMO	Ant2	5190	MCS0	39.32		3 <u>-</u>
11AC40MIMO	Ant1	5230	MCS0	38.82		<u></u>
11AC40MIMO	Ant2	5230	MCS0	39.06		-
11AC40MIMO	Ant1	5270	MCS0	39.71		-
11AC40MIMO	Ant2	5270	MCS0	38.39	- 1	
11AC40MIMO	Ant1	5310	MCS0	39.68		
11AC40MIMO	Ant2	5310	MCS0	38.76		-
11AC40MIMO	Ant1	5510	MCS0	39.60		<u></u>
11AC40MIMO	Ant2	5510	MCS0	39.25		
11AC40MIMO	Ant1	5550	MCS0	39.70		<u></u> -
11AC40MIMO	Ant2	5550	MCS0	39.25		
11AC40MIMO	Ant1	5670	MCS0	39.50		
11AC40MIMO	Ant2	5670	MCS0	38.72	(d	<u></u> -
11AC40MIMO	Ant1	5755	MCS0	39.09		
11AC40MIMO	Ant2	5755	MCS0	38.62		
11AC40MIMO	Ant1	5795	MCS0	39.90	<u>-</u> -	-
11AC40MIMO	Ant2	5795	MCS0	38.48	<u></u> -	
11AC80MIMO	Ant1	5210	MCS0	79.81		
11AC80MIMO	Ant2	5210	MCS0	79.00	<u> </u>	
11AC80MIMO	Ant1	5290	MCS0	79.71		
11AC80MIMO	Ant2	5290	MCS0	78.01		
11AC80MIMO	Ant1	5530	MCS0	79.01		<u>-</u>
11AC80MIMO	Ant2	5530	MCS0	78.94		-
11AC80MIMO	Ant1	5610	MCS0	79.15		
11AC80MIMO	Ant2	5610	MCS0	78.95	<del>-</del>	
11AC80MIMO	Ant1	5775	MCS0	79.68		<u>-</u>
11AC80MIMO	Ant2	5775	MCS0	78.52		



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11AX20MIMO	Ant1	5180	MCS0	21.60			
11AX20MIMO	Ant2	5180	MCS0	20.80	<u> </u>	<u></u>	
11AX20MIMO	Ant1	5200	MCS0	21.32			
11AX20MIMO	Ant2	5200	MCS0	21.03		<u></u> -	
11AX20MIMO	Ant1	5240	MCS0	19.73			
11AX20MIMO	Ant2	5240	MCS0	19.72			
11AX20MIMO	Ant1	5260	MCS0	21.55	<u></u>	S	
11AX20MIMO	Ant2	5260	MCS0	21.37			
11AX20MIMO	Ant1	5280	MCS0	21.61	<u> </u>		
11AX20MIMO	Ant2	5280	MCS0	21.60	<del></del>	<u></u> -	
11AX20MIMO	Ant1	5320	MCS0	21.12			
11AX20MIMO	Ant2	5320	MCS0	21.47			
11AX20MIMO	Ant1	5500	MCS0	22.52			
11AX20MIMO	Ant2	5500	MCS0	20.78			
11AX20MIMO	Ant1	5580	MCS0	22.56			
11AX20MIMO	Ant2	5580	MCS0	22.15			
11AX20MIMO	Ant1	5700	MCS0	21.22		- ·	
11AX20MIMO	Ant2	5700	MCS0	21.26		A Comment	
11AX20MIMO	Ant1	5745	MCS0	21.41		<u> </u>	
11AX20MIMO	Ant2	5745	MCS0	21.29		<u>-</u> -	
11AX20MIMO	Ant1	5785	MCS0	21.40			
11AX20MIMO	Ant2	5785	MCS0	20.93		S S	
11AX20MIMO	Ant1	5825	MCS0	21.22			
11AX20MIMO	Ant2	5825	MCS0	20.95			
11AX40MIMO	Ant1	5190	MCS0	39.10			
11AX40MIMO	Ant2	5190	MCS0	39.25			
11AX40MIMO	Ant1	5230	MCS0	39.20			
11AX40MIMO	Ant2	5230	MCS0	39.05			
11AX40MIMO	Ant1	5270	MCS0	39.32			
11AX40MIMO	Ant2	5270	MCS0	39.17	-	\$ c \$ \$	
11AX40MIMO	Ant1	5310	MCS0	39.16			
11AX40MIMO	Ant2	5310	MCS0	39.19	-		
11AX40MIMO	Ant1	5510	MCS0	39.31	<u>-</u> -		
11AX40MIMO	Ant2	5510	MCS0	39.19		-	
11AX40MIMO	Ant1	5550	MCS0	39.44	<u> </u>	<u></u> -	
11AX40MIMO	Ant2	5550	MCS0	39.19			
11AX40MIMO	Ant1	5670	MCS0	39.44	-		
11AX40MIMO	Ant2	5670	MCS0	39.33	<u>-</u>		
11AX40MIMO	Ant1	5755	MCS0	39.31		<u> </u>	
11AX40MIMO	Ant2	5755	MCS0	39.33	_		
11AX40MIMO	Ant1	5795	MCS0	39.34	——————————————————————————————————————		
11AX40MIMO	Ant2	5795	MCS0	39.16			
11AX80MIMO	Ant1	5210	MCS0	80.17	<u>-</u>		
11AX80MIMO	Ant2	5210	MCS0	79.97	-	-	
11AX80MIMO	Ant1	5290	MCS0	80.10	-		



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11AX80MIMO	Ant2	5290	MCS0	79.72		
11AX80MIMO	Ant1	5530	MCS0	80.00	-	
11AX80MIMO	Ant2	5530	MCS0	79.89		<u> </u>
11AX80MIMO	Ant1	5610	MCS0	79.77	-	<u></u>
11AX80MIMO	Ant2	5610	MCS0	79.93	-	
11AX80MIMO	Ant1	5775	MCS0	79.74	-	l
11AX80MIMO	Ant2	5775	MCS0	79.75	4	

## **Test Graphs**





































































































