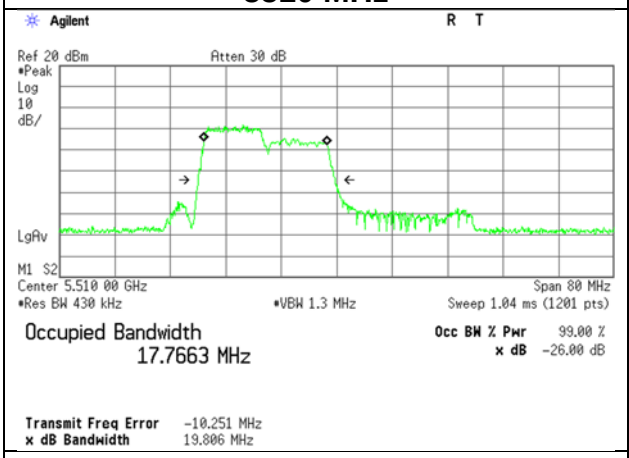
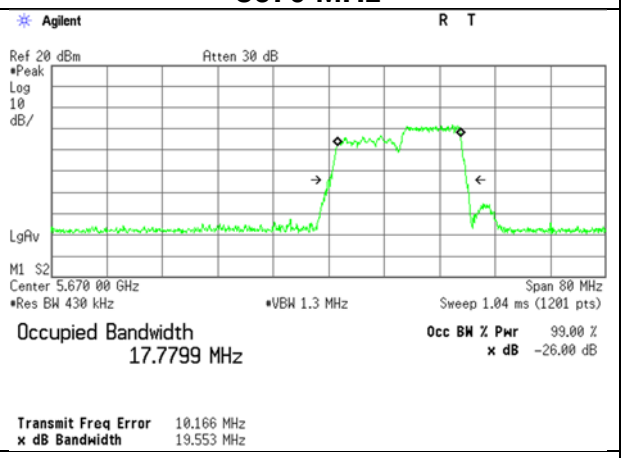
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [106-tone RU]

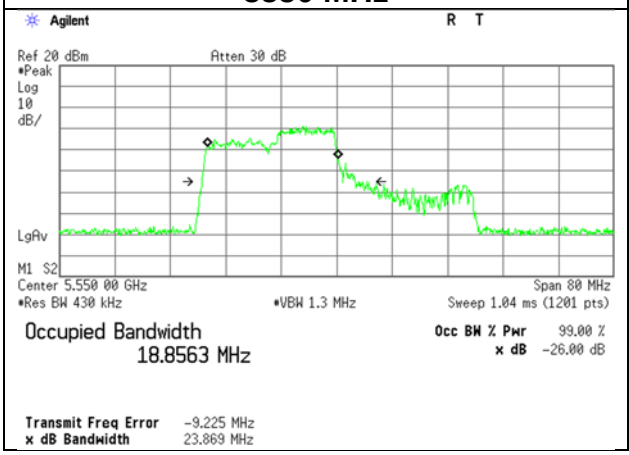
[Index 53]
5510 MHz



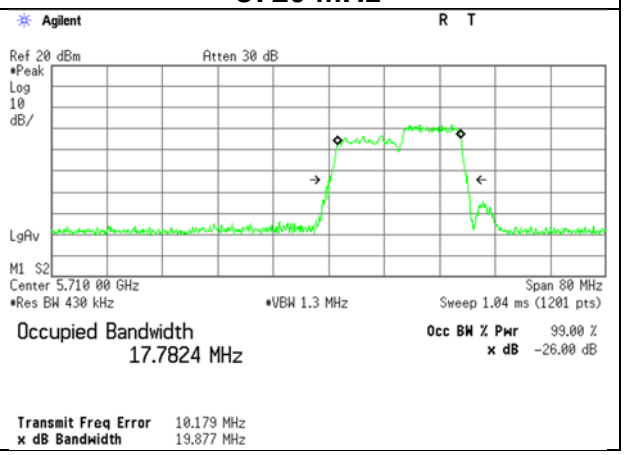
[Index 56]
5670 MHz



[Index 54]
5550 MHz



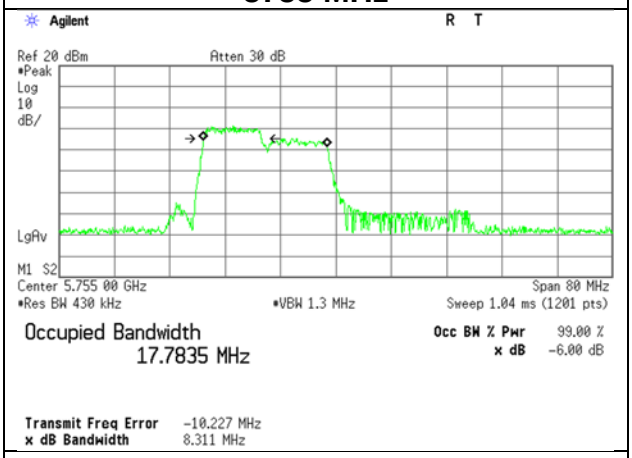
[Index 56]
5710 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [106-tone RU]

[Index 53]
5755 MHz



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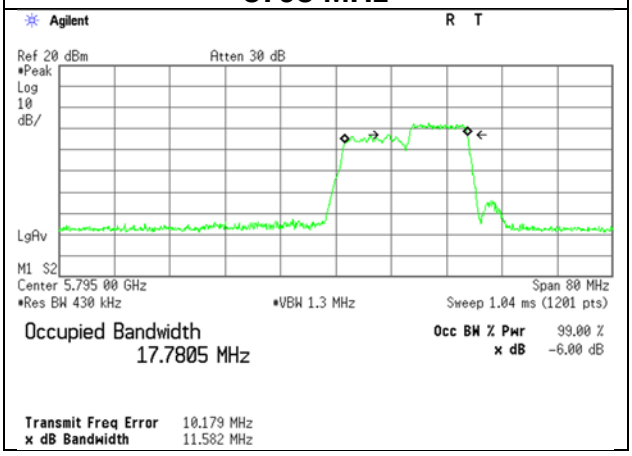
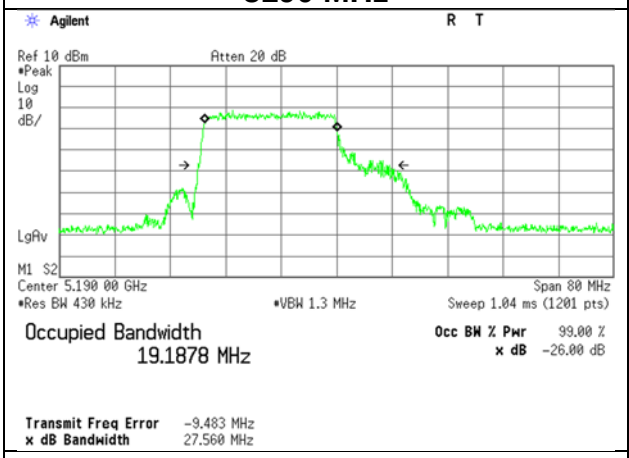
5795 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [242-tone RU]

[Index 61]
5190 MHz



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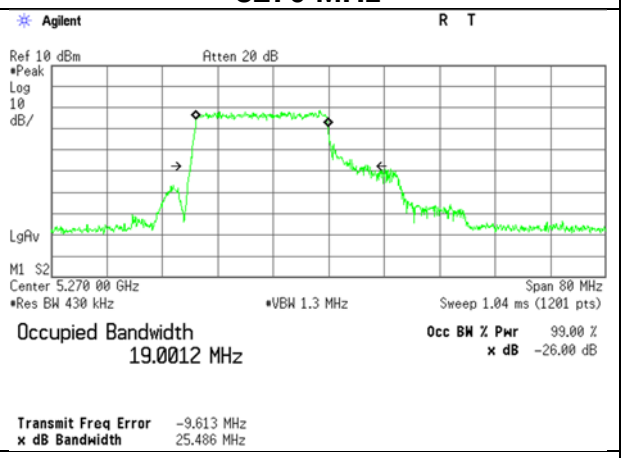
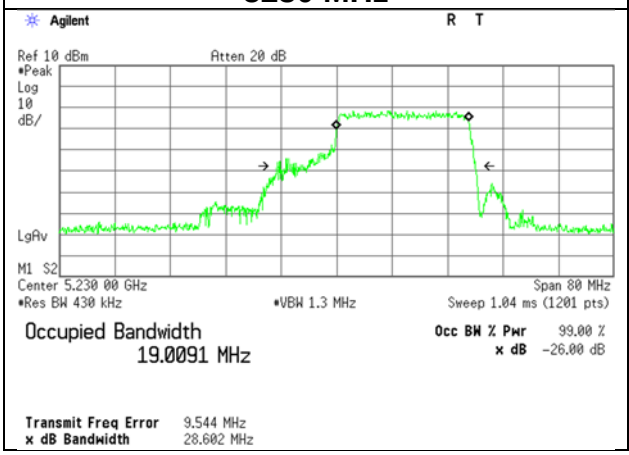
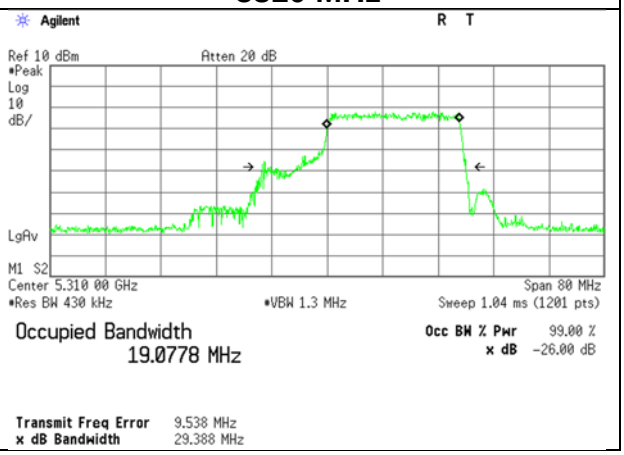
5270 MHz



[Index 62]
5230 MHz



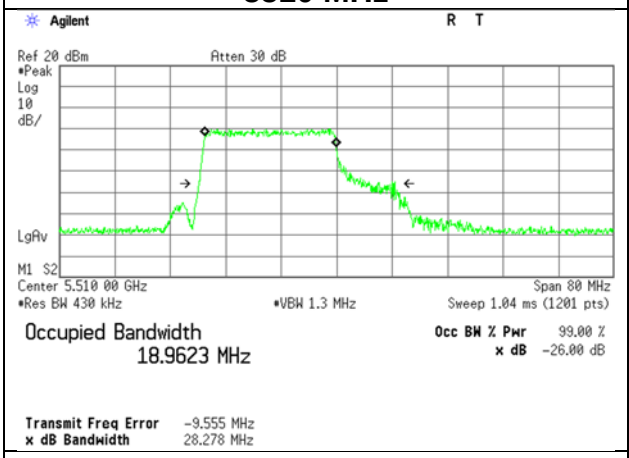
[Index 62]
5310 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [242-tone RU]

[Index 61]
5510 MHz



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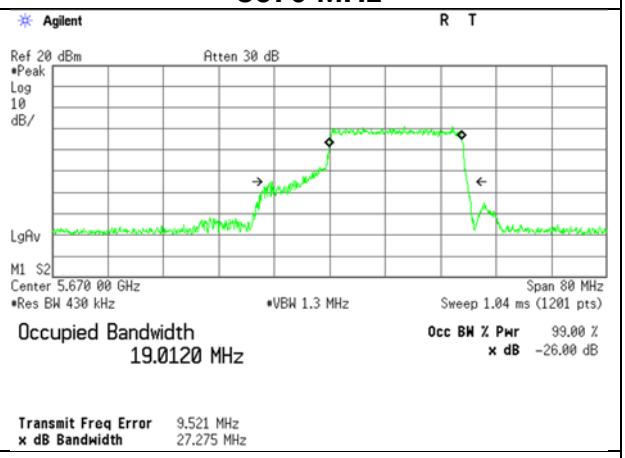
5670 MHz



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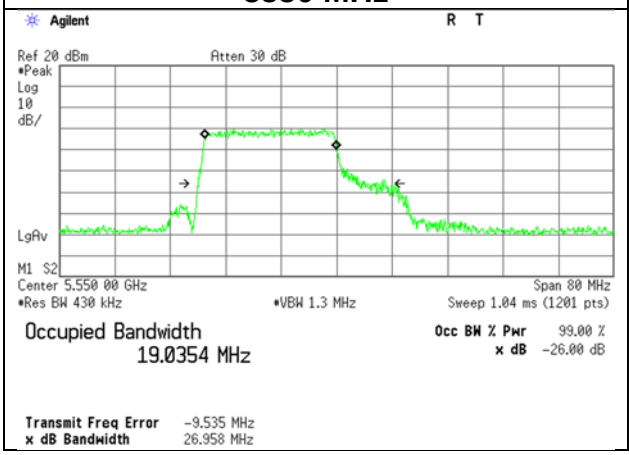
5550 MHz



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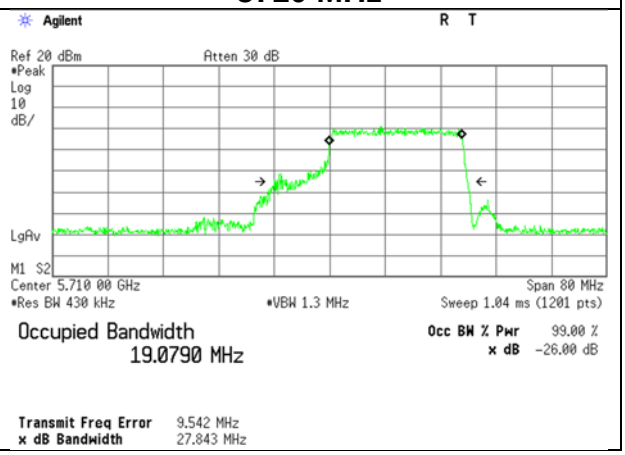
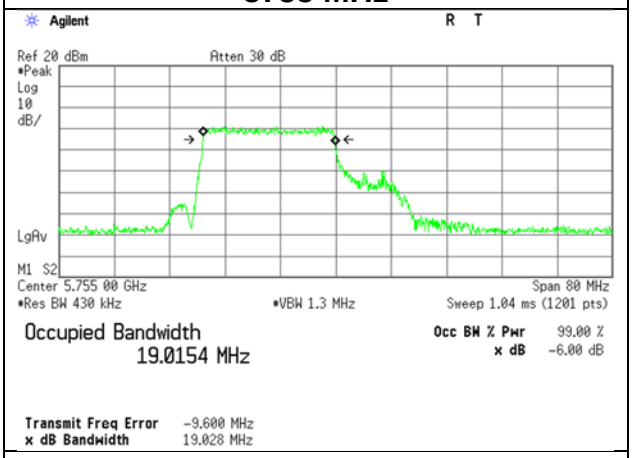
5710 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [242-tone RU]

[Index 61]
5755 MHz



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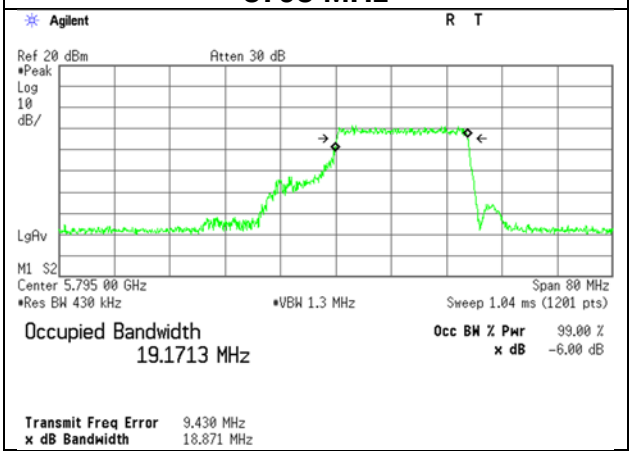
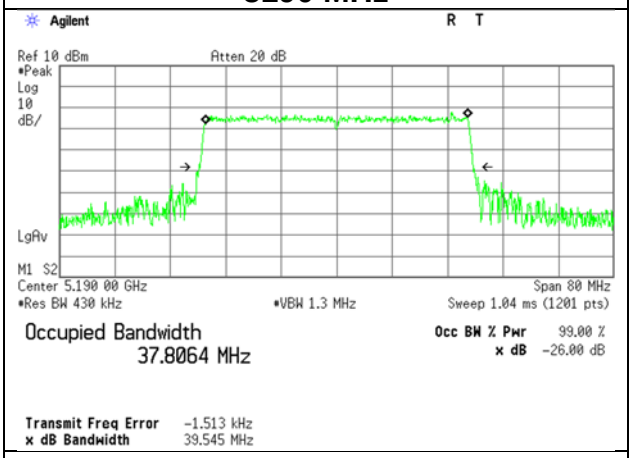
5795 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [484-tone RU]

[Index 65]
5190 MHz



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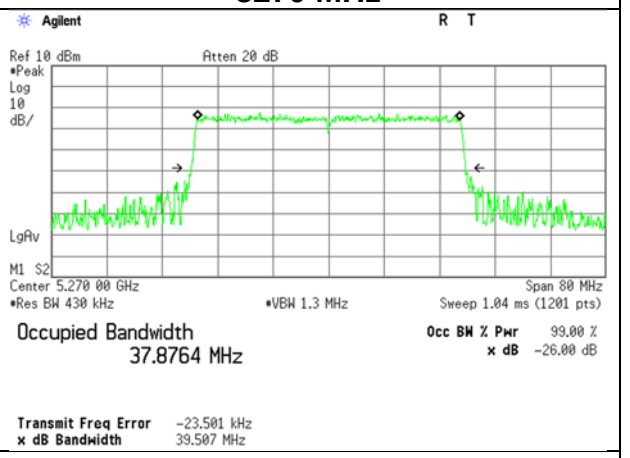
5270 MHz



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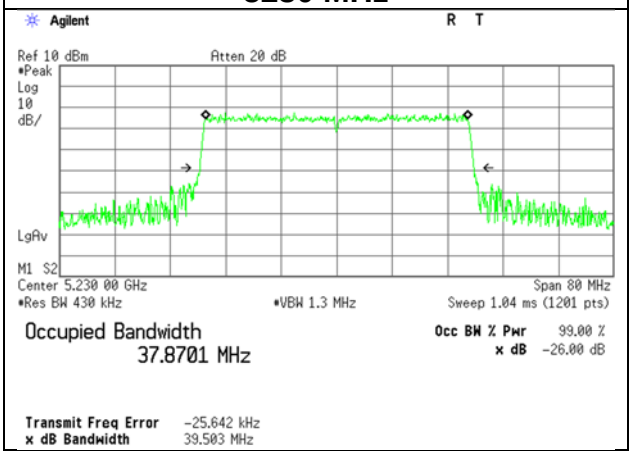
5230 MHz



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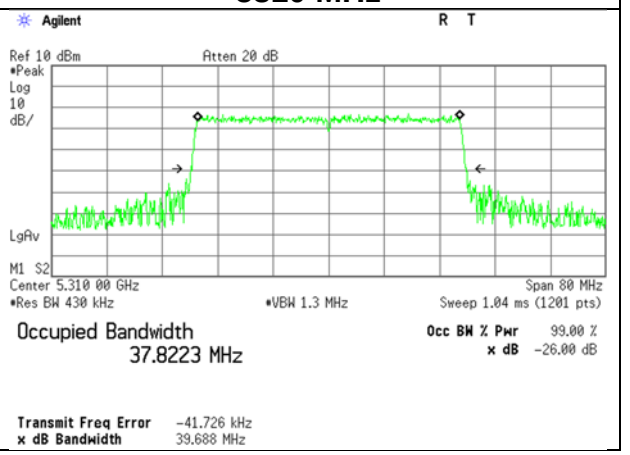
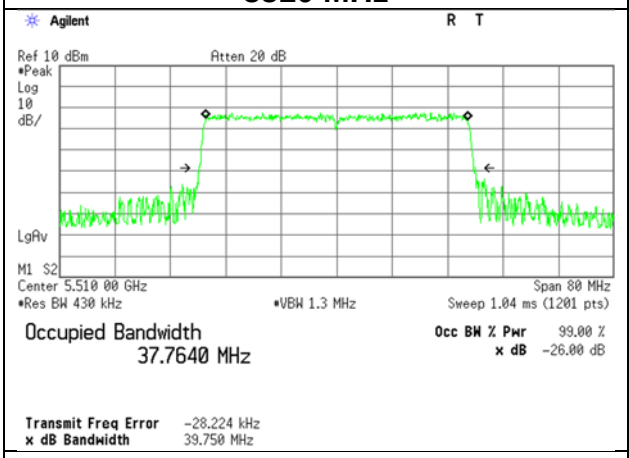
5310 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [484-tone RU]

[Index 65]
5510 MHz



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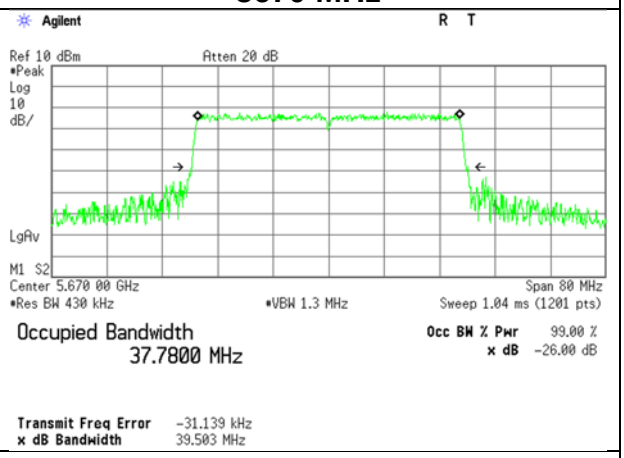
5670 MHz



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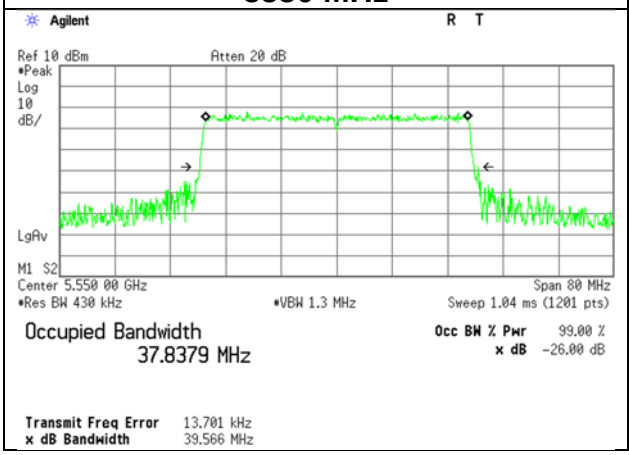
5550 MHz



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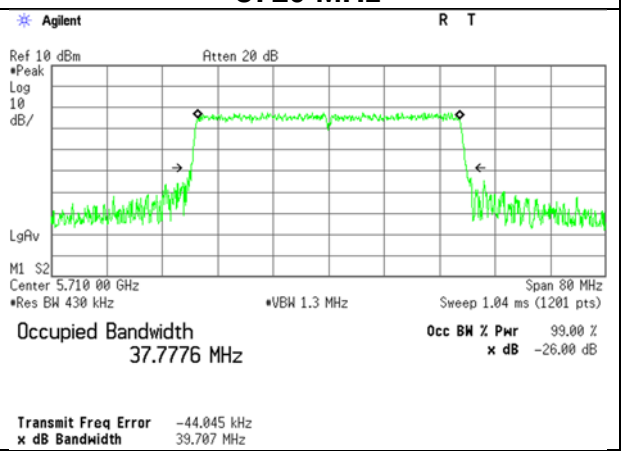
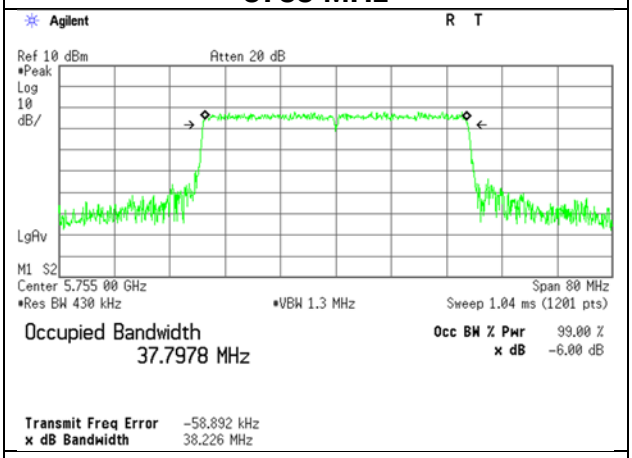
5710 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-40 [484-tone RU]

[Index 65]
5755 MHz



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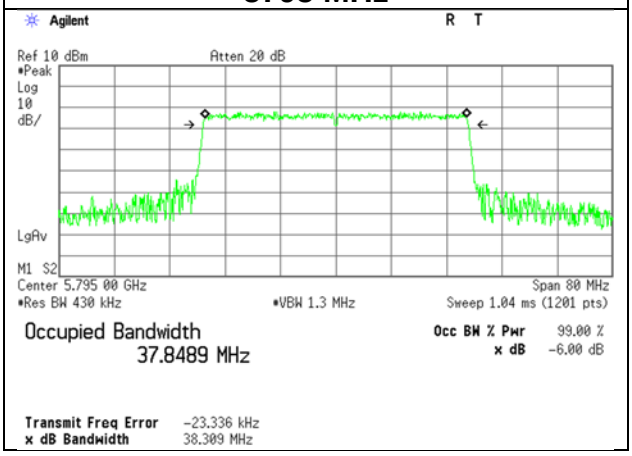
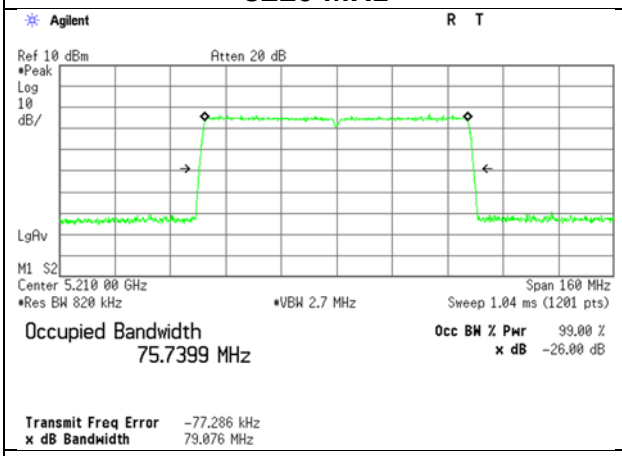
5795 MHz



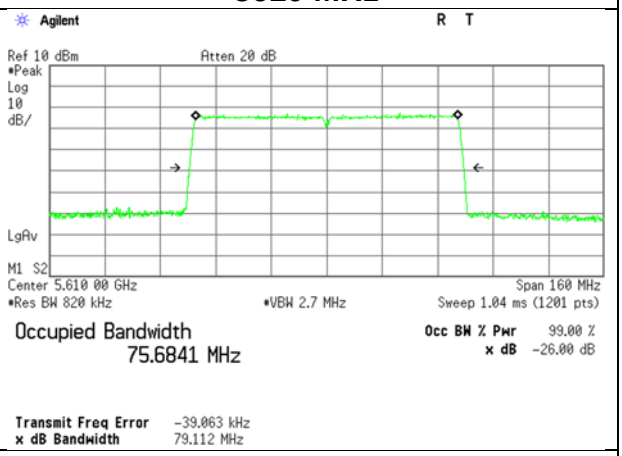
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ac-80

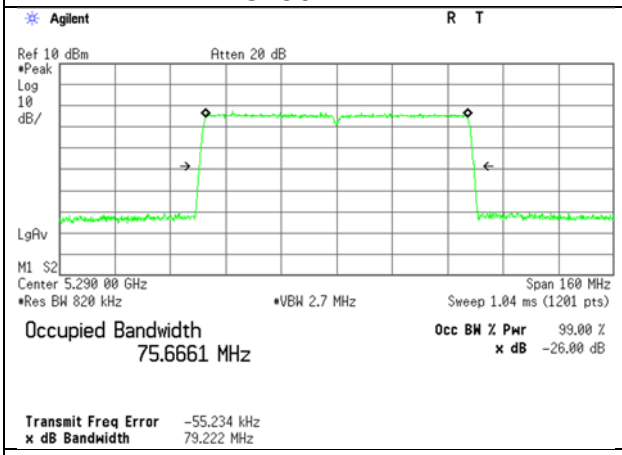
5210 MHz



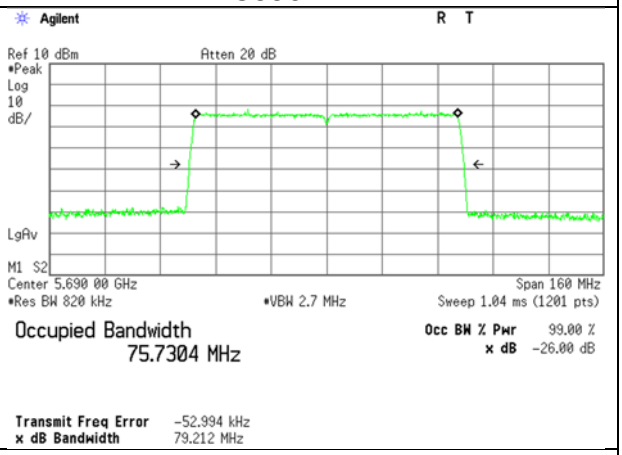
5610 MHz



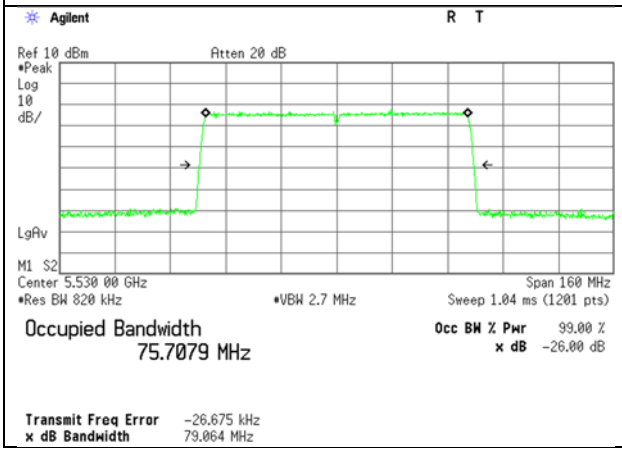
5290 MHz



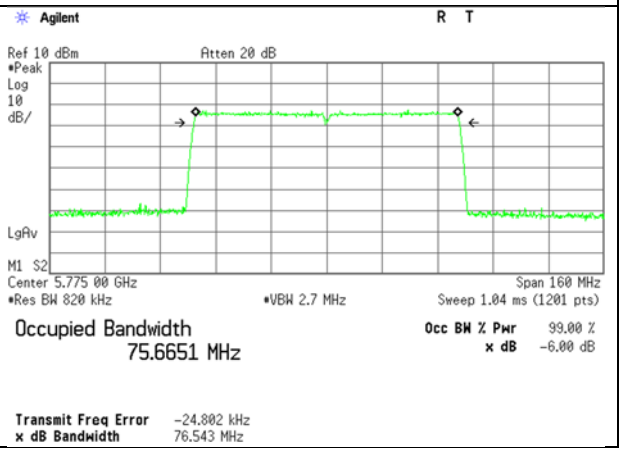
5690 MHz



5530 MHz



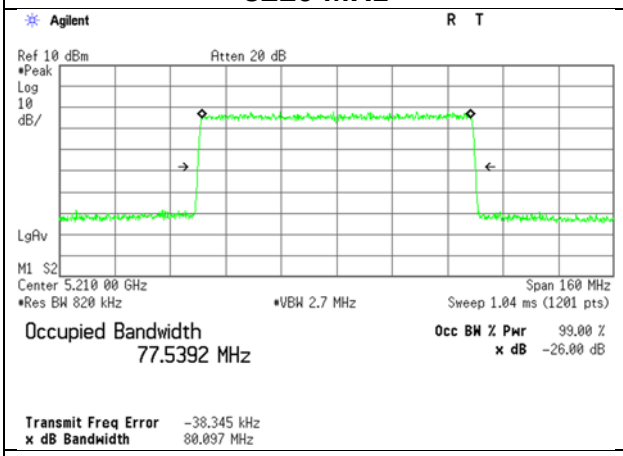
5775 MHz



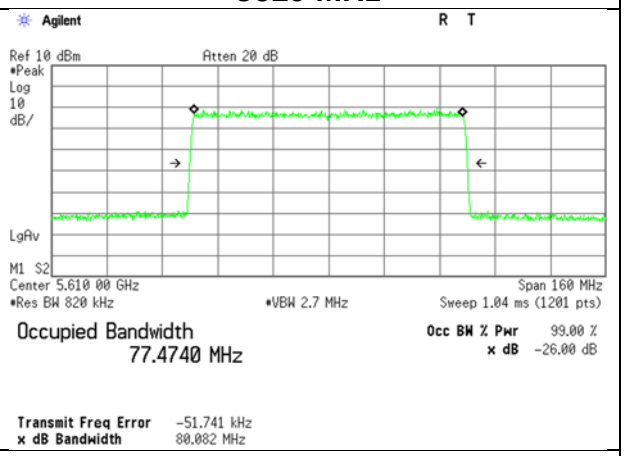
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [OFDM]

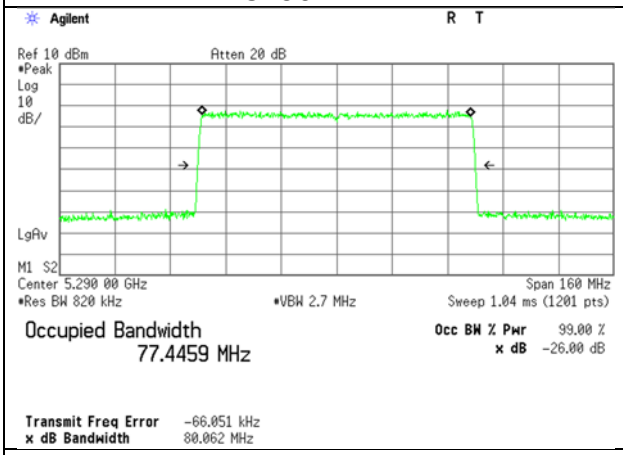
5210 MHz



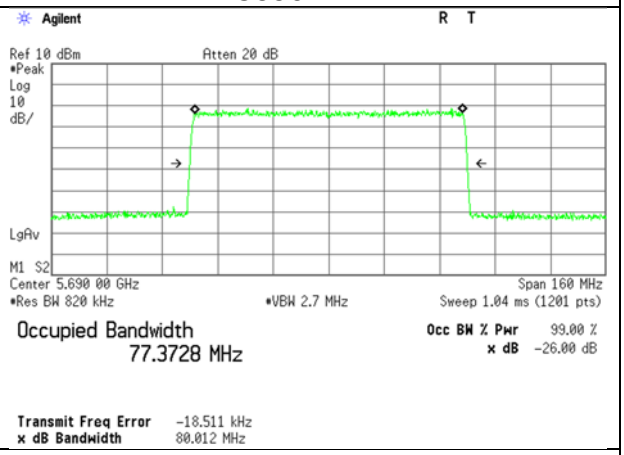
5610 MHz



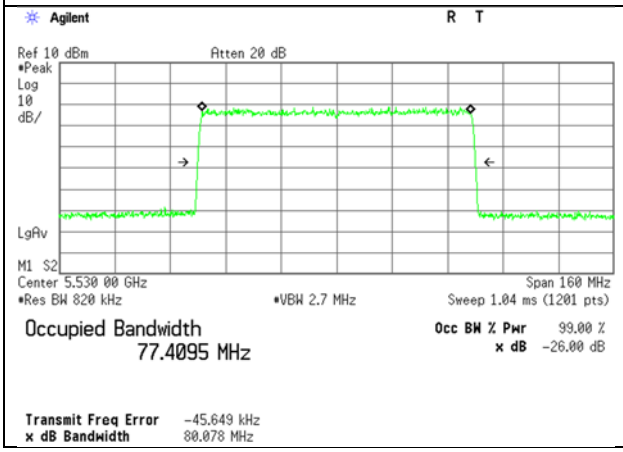
5290 MHz



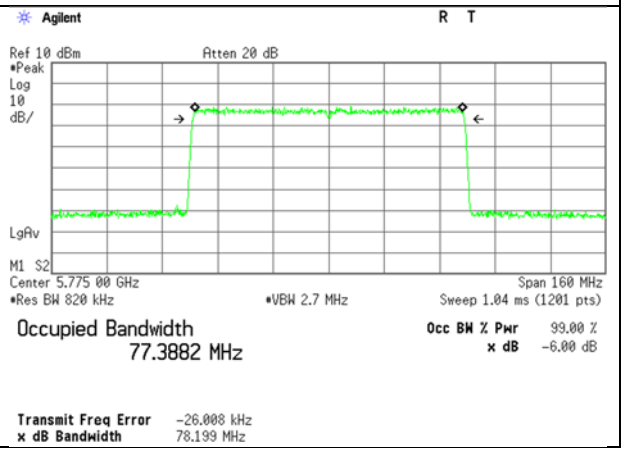
5690 MHz



5530 MHz



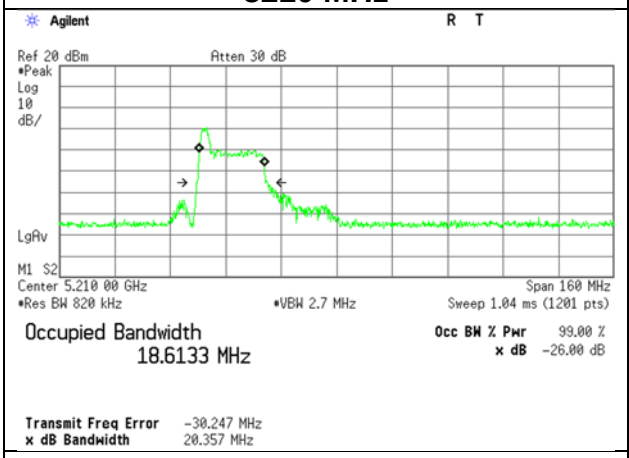
5775 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [26-tone RU]

[Index 0]
5210 MHz



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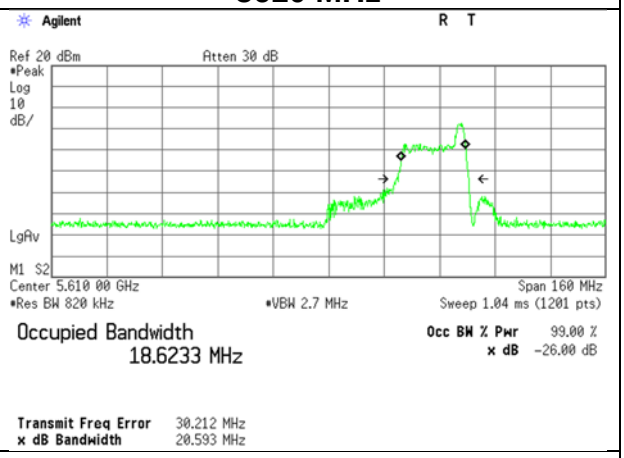
5610 MHz



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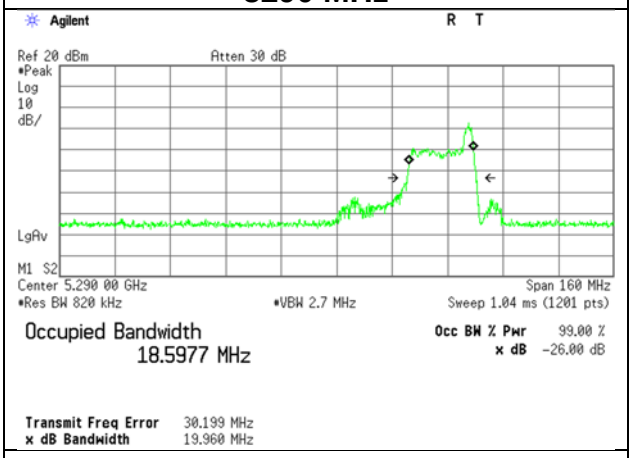
5290 MHz



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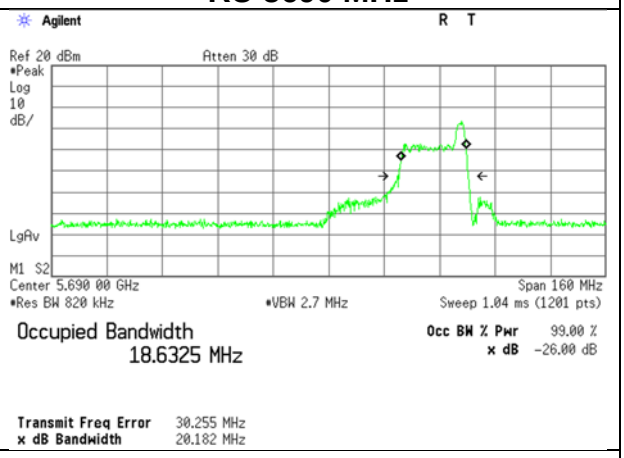
RU 5690 MHz



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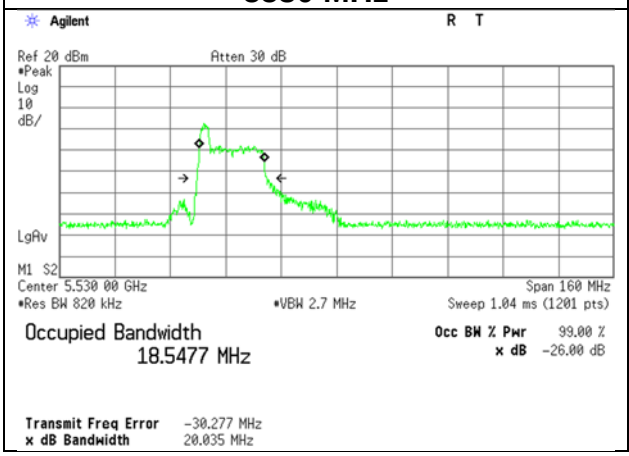
5530 MHz



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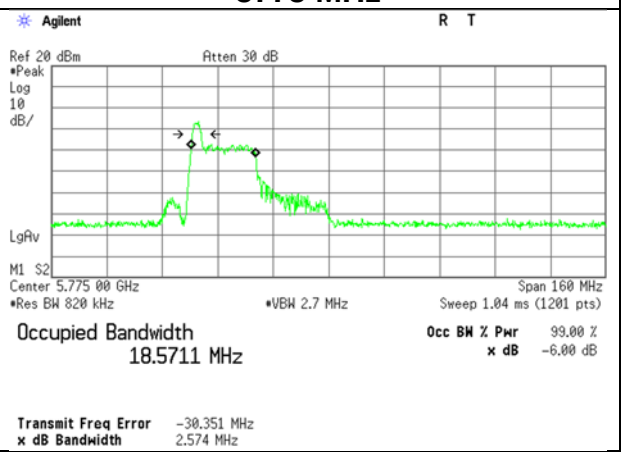
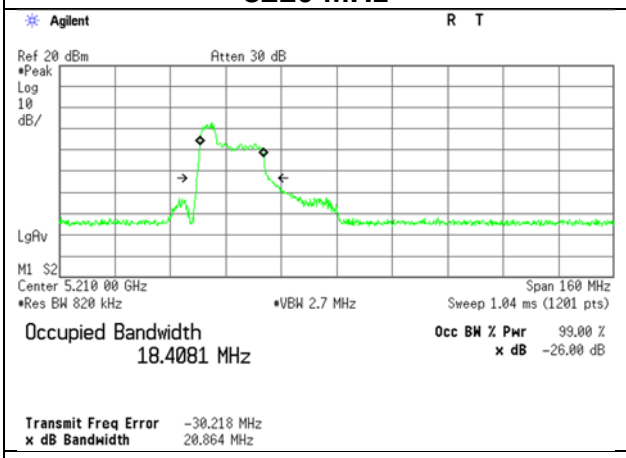
5775 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [52-tone RU]

[Index 37]
5210 MHz



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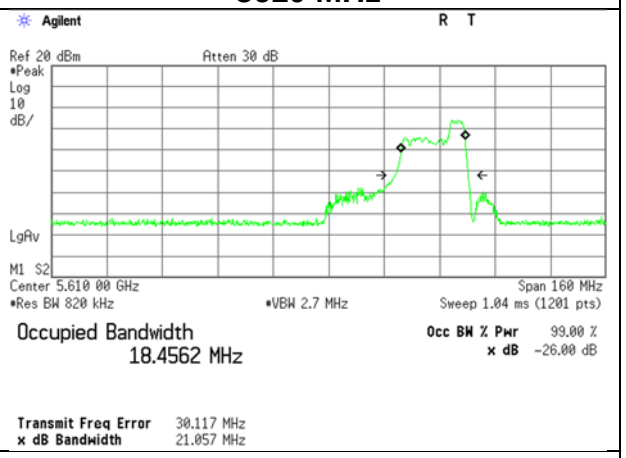
5610 MHz



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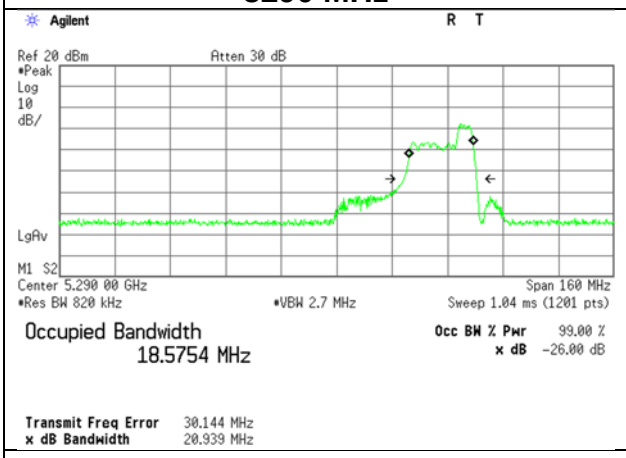
5290 MHz



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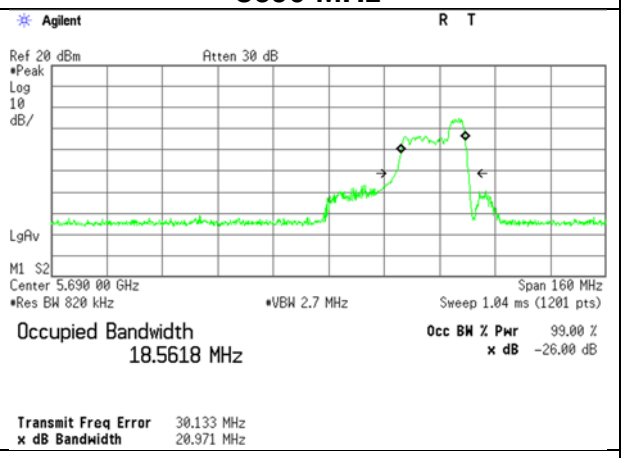
5690 MHz



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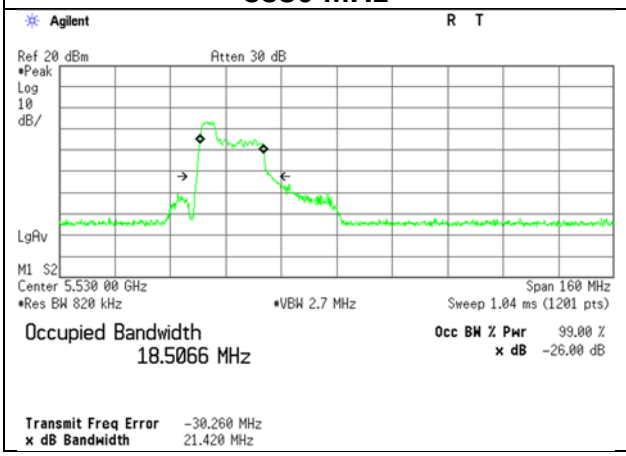
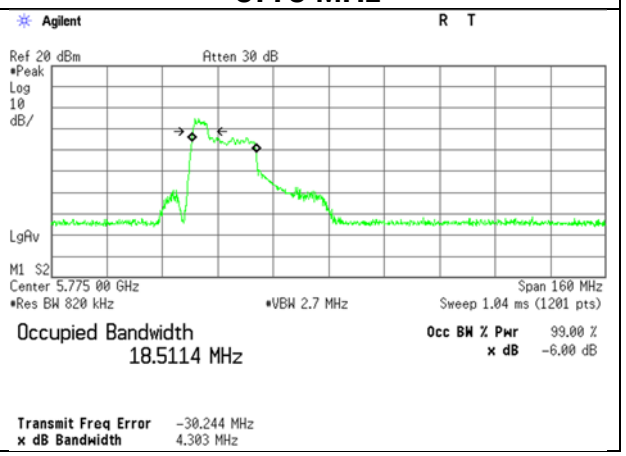
5530 MHz



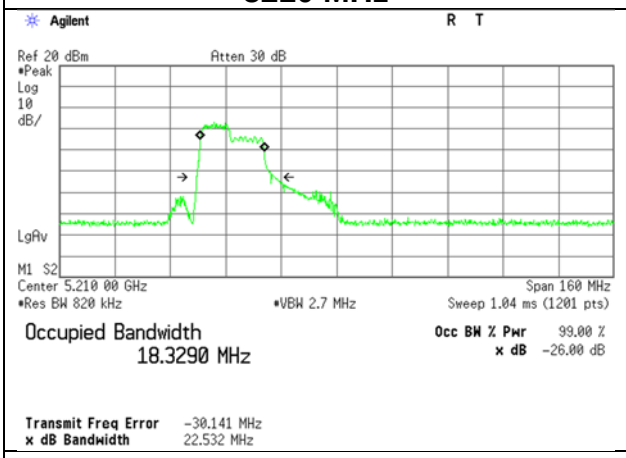
[Index 37]
5775 MHz



26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [106-tone RU]

[Index 53]
5210 MHz



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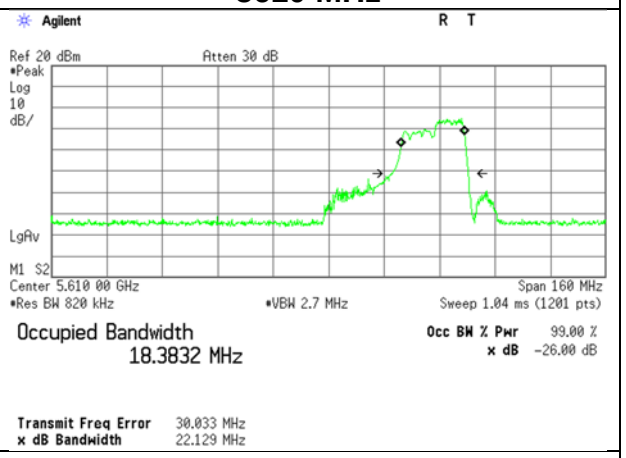
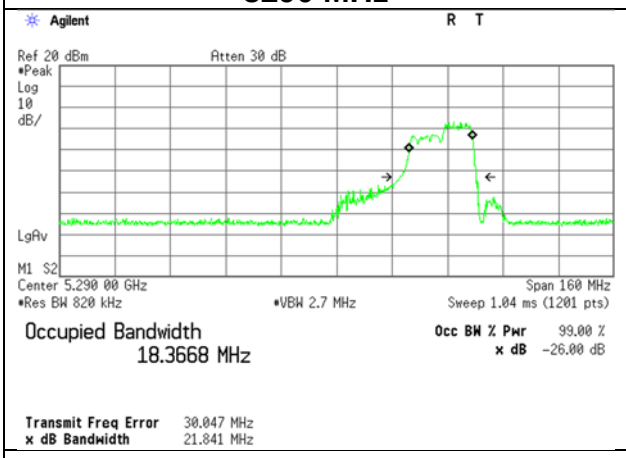
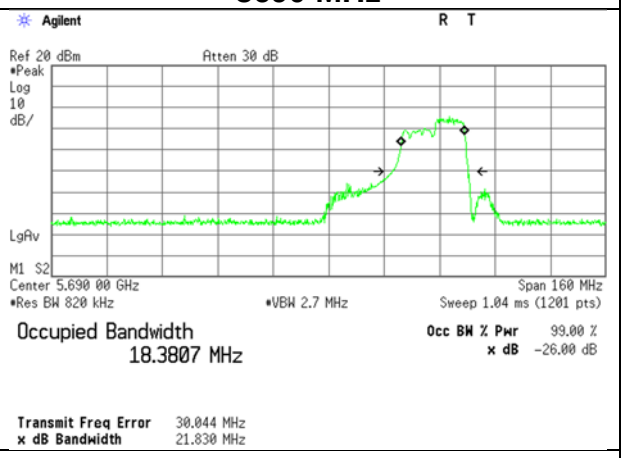


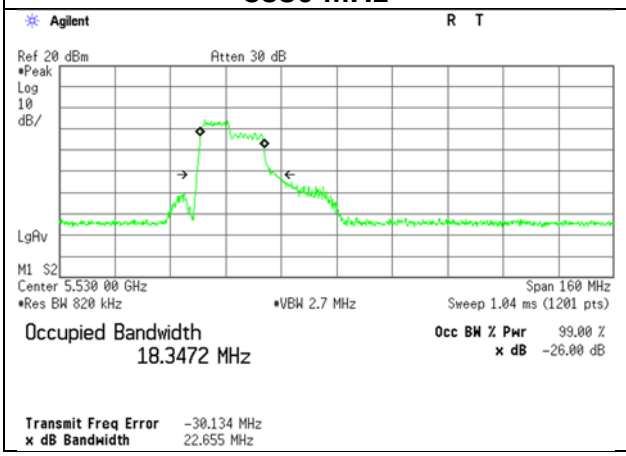
[Index 60]
5290 MHz



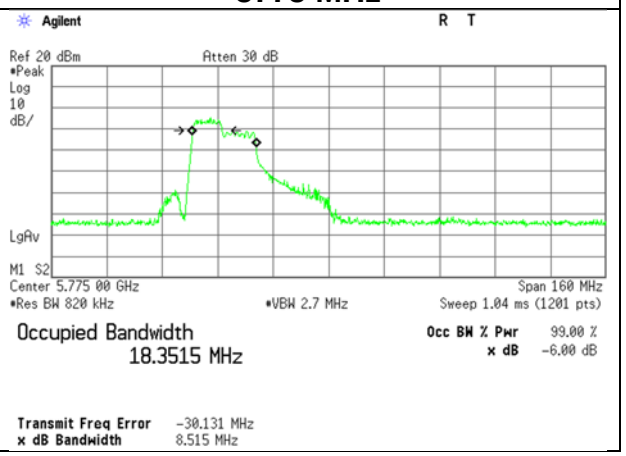
[Index 60]
5690 MHz



[Index 53]
5530 MHz



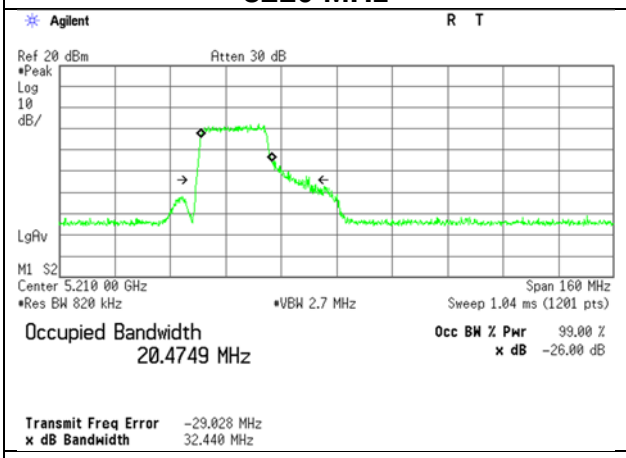
[Index 53]
5775 MHz



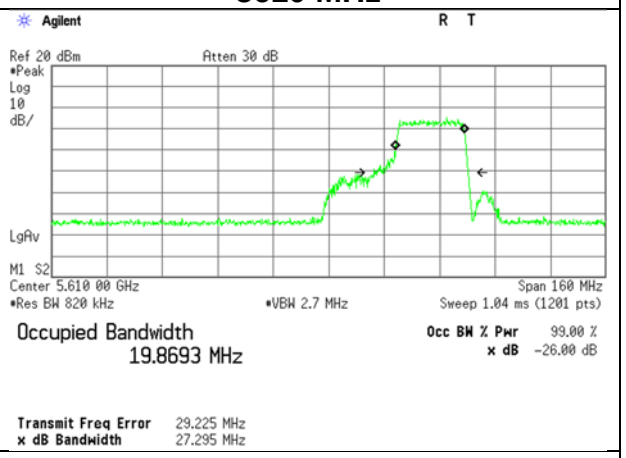
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [242-tone RU]

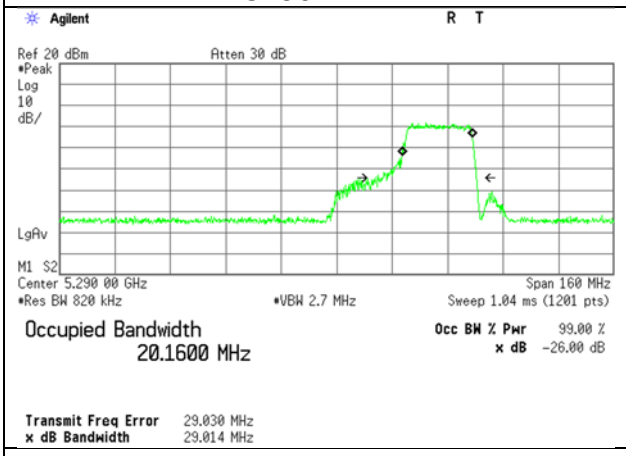
[Index 61]
5210 MHz



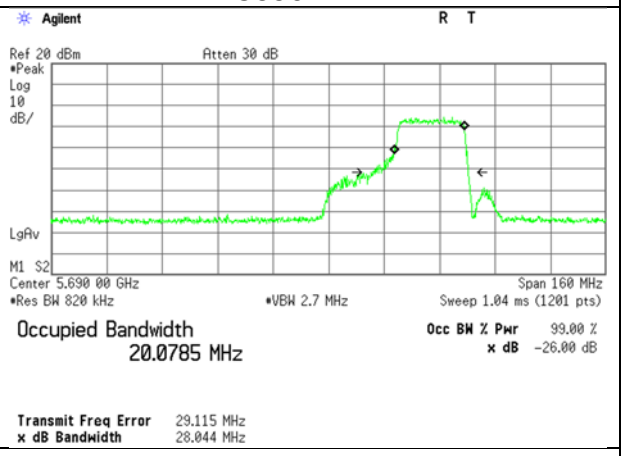
[Index 64]
5610 MHz



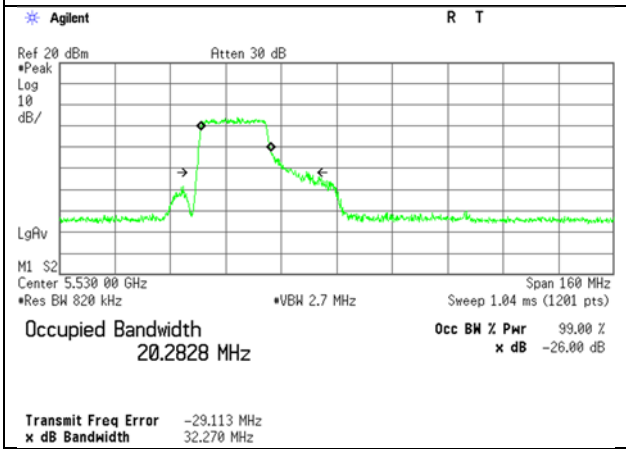
[Index 64]
5290 MHz



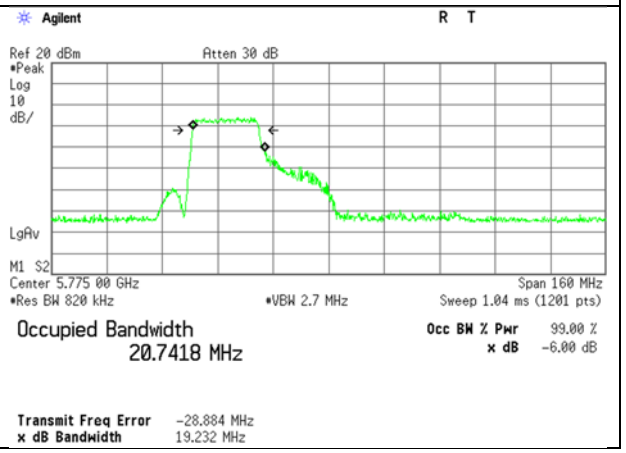
[Index 64]
5690 MHz



[Index 61]
5530 MHz



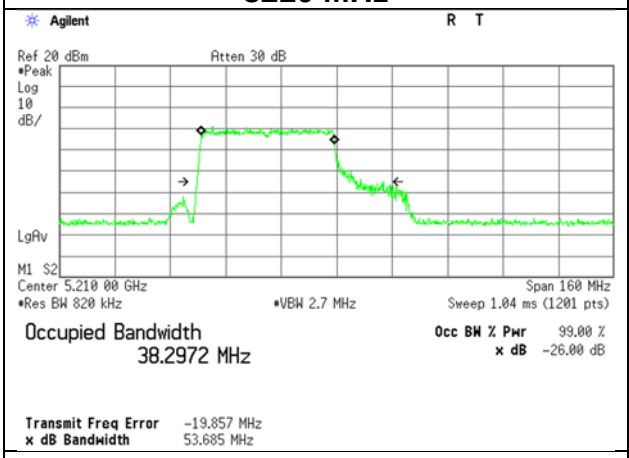
[Index 61]
5775 MHz



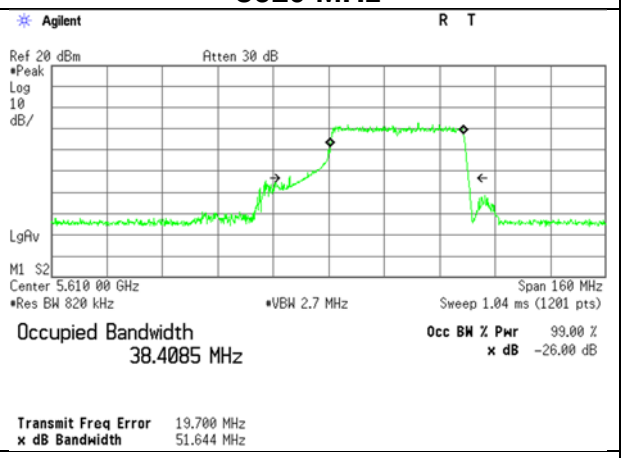
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [484-tone RU]

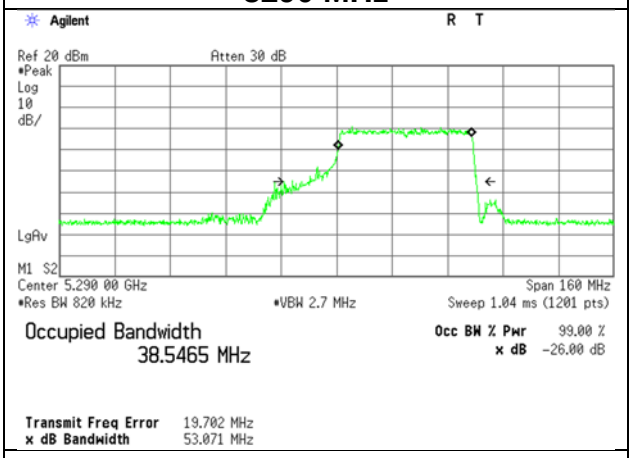
[Index 65]
5210 MHz



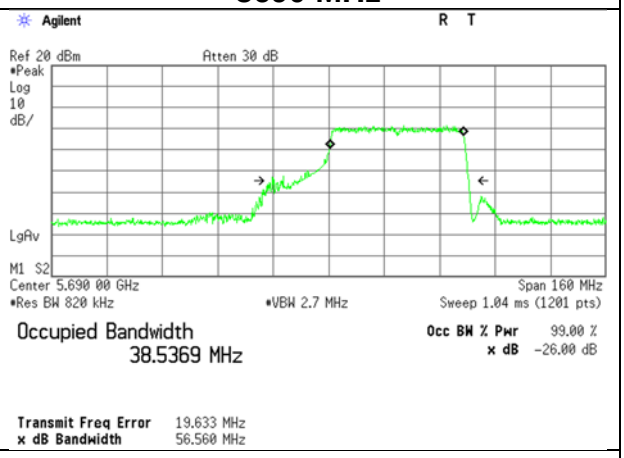
[Index 66]
5610 MHz



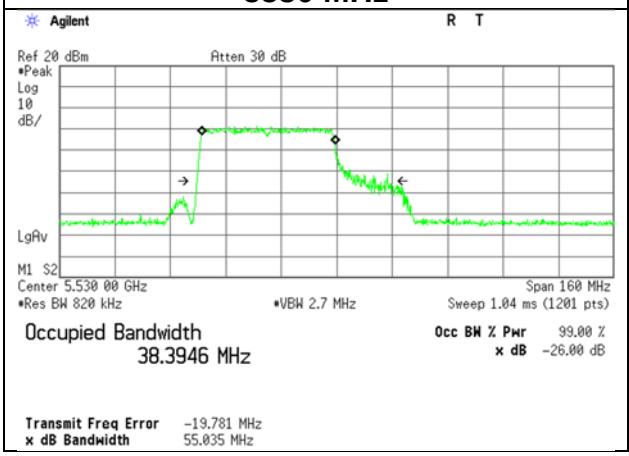
[Index 66]
5290 MHz



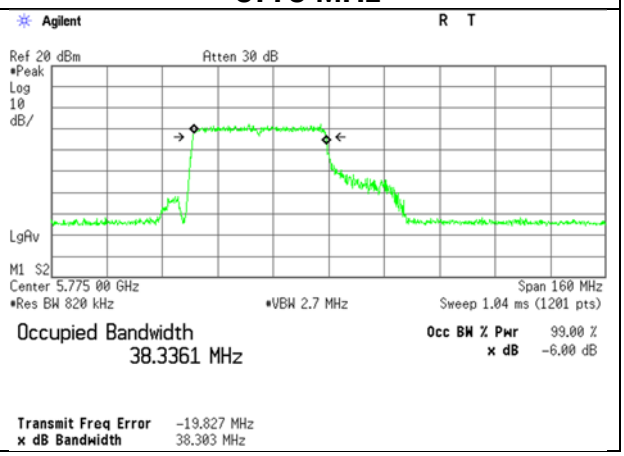
[Index 66]
5690 MHz



[Index 65]
5530 MHz



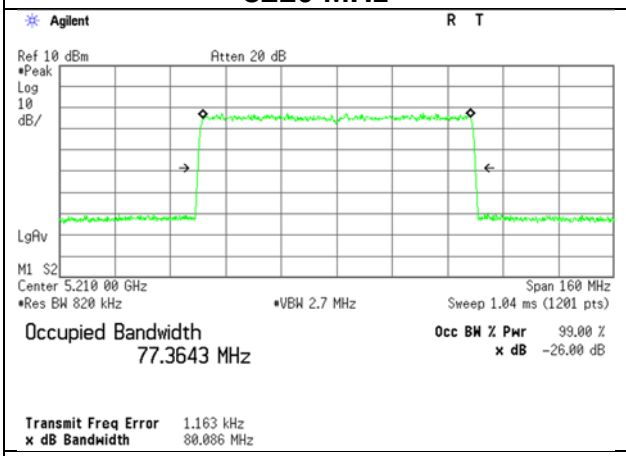
[Index 65]
5775 MHz



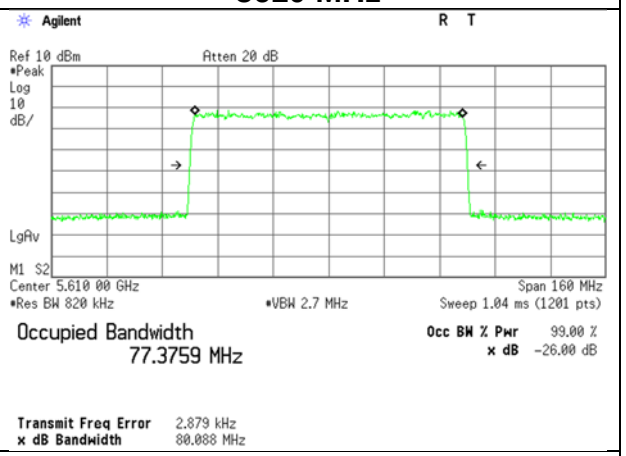
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-80 [996-tone RU]

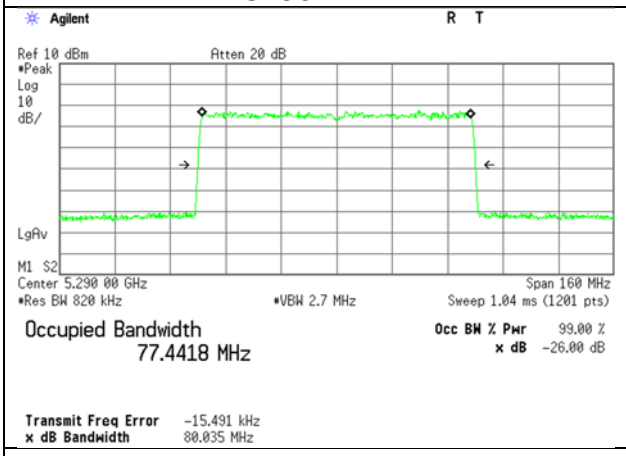
[Index 67]
5210 MHz



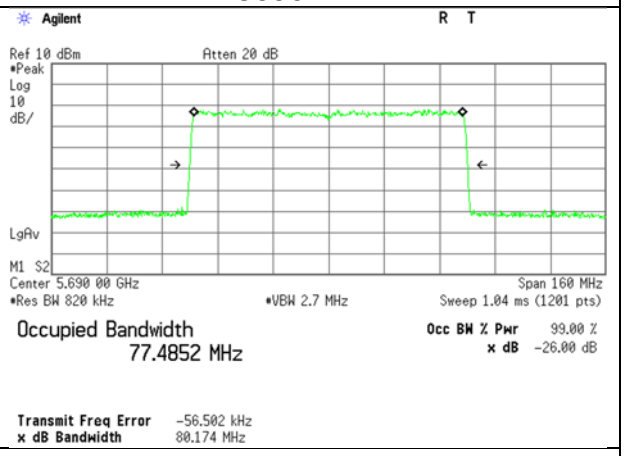
[Index 67]
5610 MHz



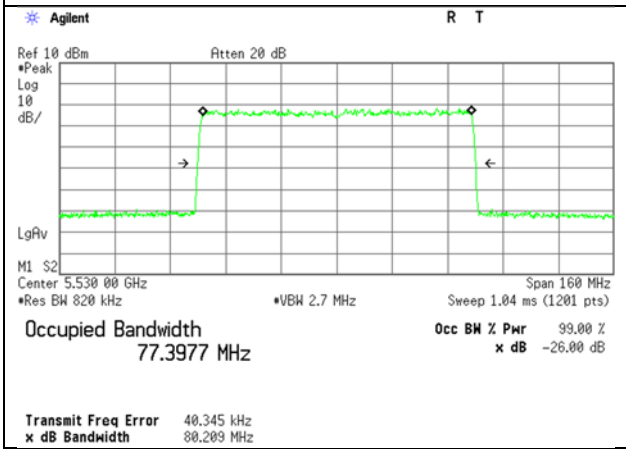
[Index 67]
5290 MHz



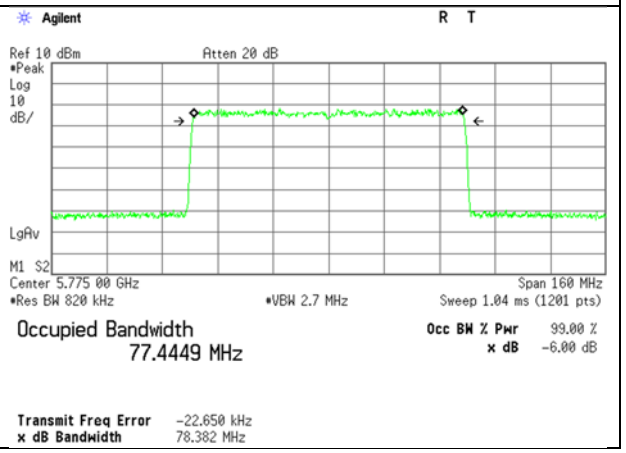
[Index 67]
5690 MHz



[Index 67]
5530 MHz



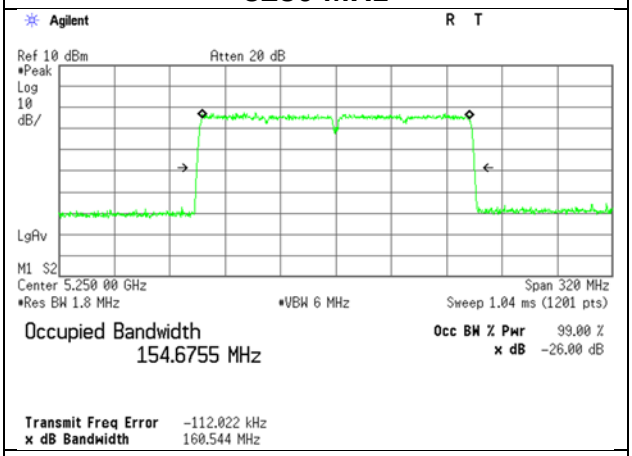
[Index 67]
5775 MHz



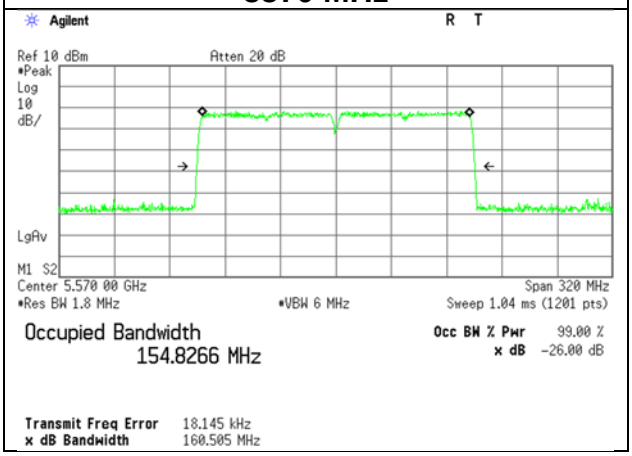
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ac-160

5250 MHz



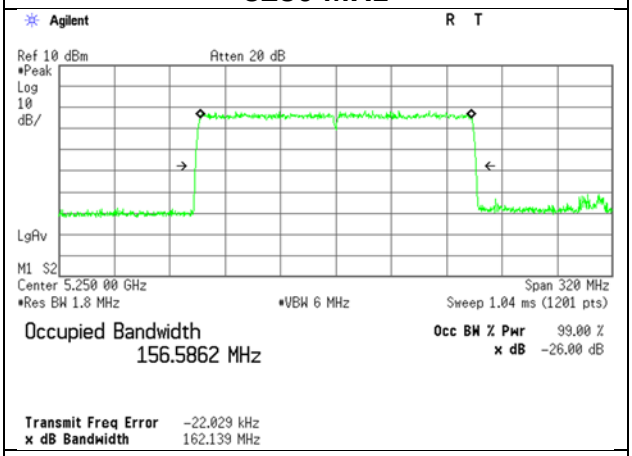
5570 MHz



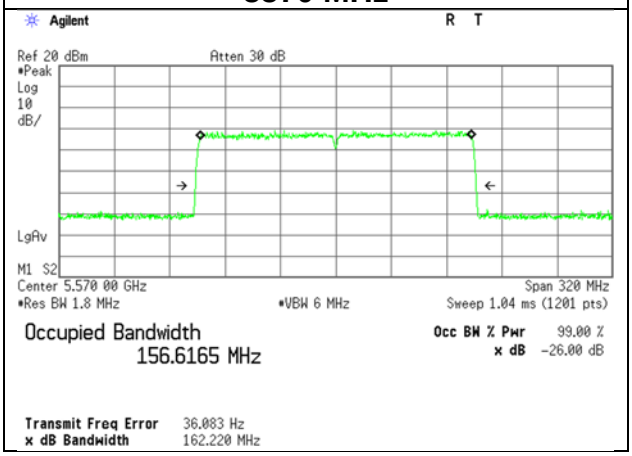
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-160 [OFDM]

5250 MHz



5570 MHz

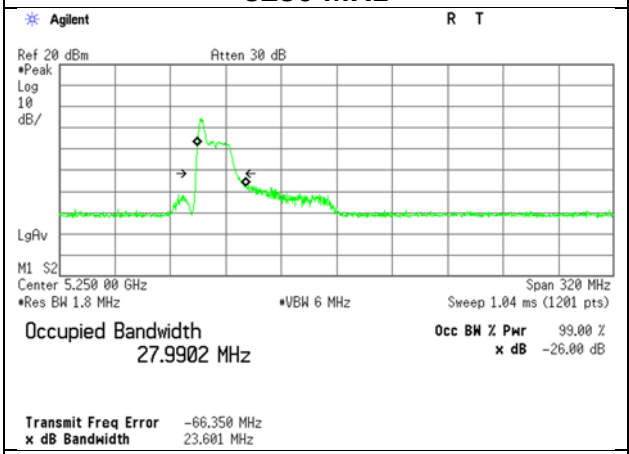


26 dB Emission Bandwidth and 99 % Occupied Bandwidth

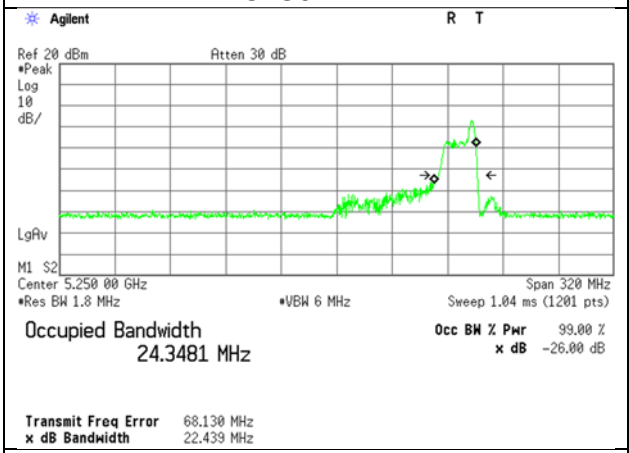
11be-160

[26-tone RU]

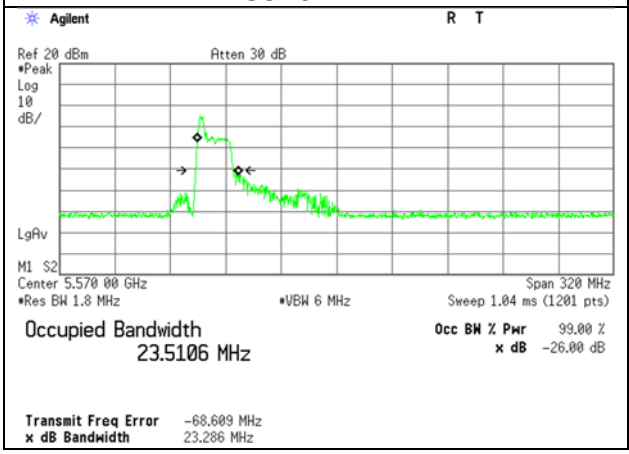
[Segment 0/Index 0]
5250 MHz



[Segment 1/Index 36]
5250 MHz

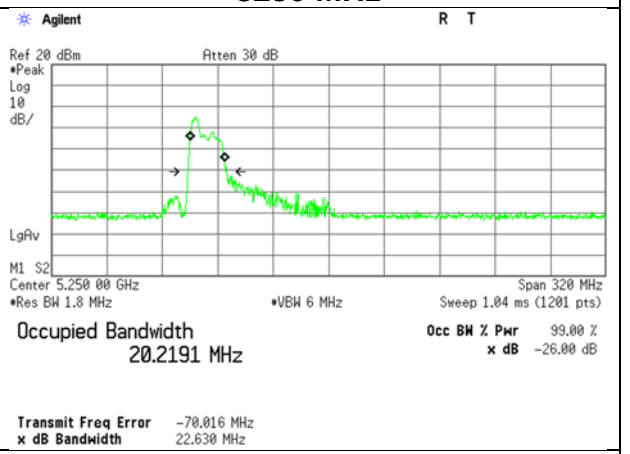


[Segment 0/Index 0]
5570 MHz

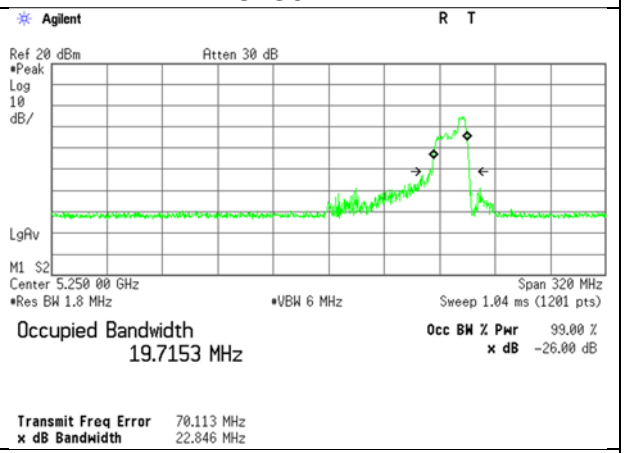


[52-tone RU]

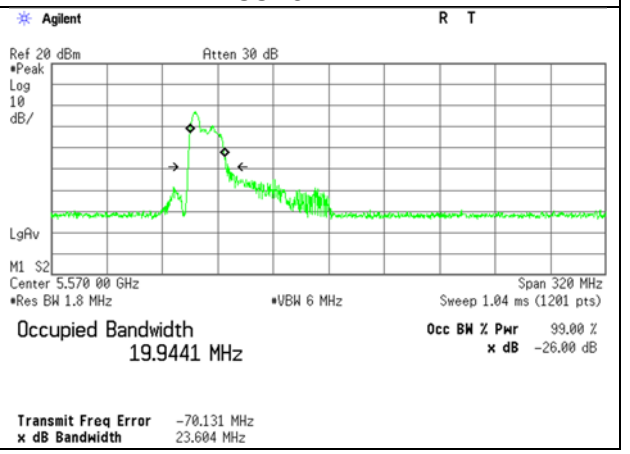
[Segment 0/Index 37]
5250 MHz



[Segment 1/Index 52]
5250 MHz

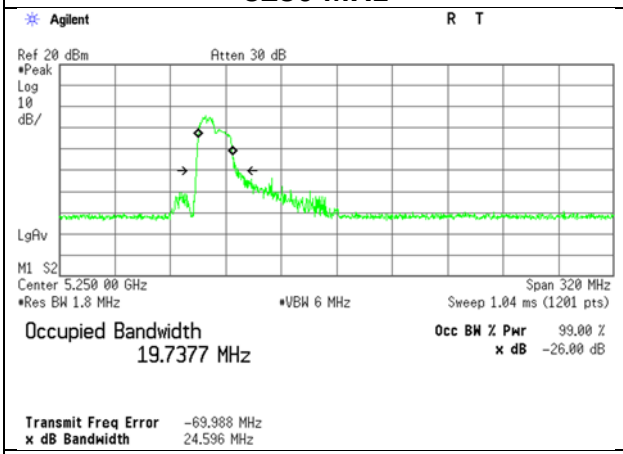
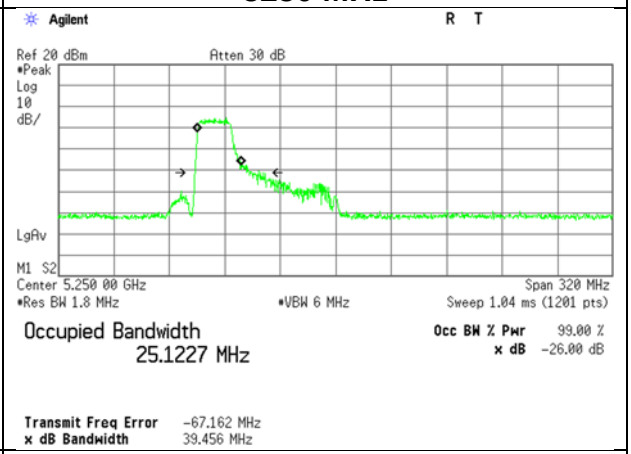
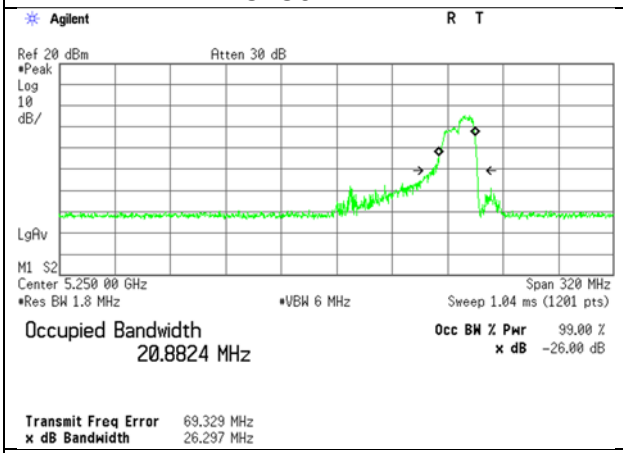
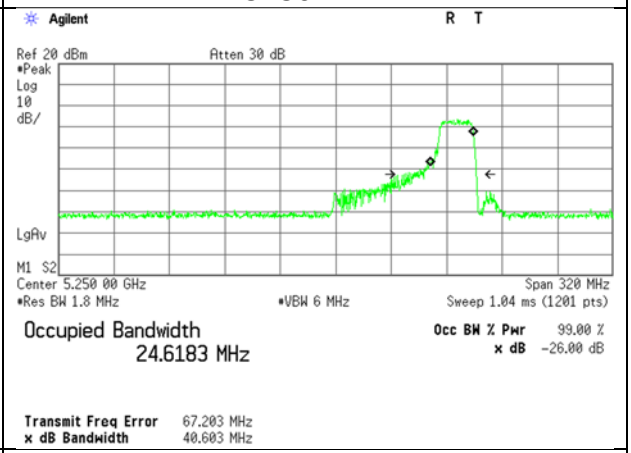
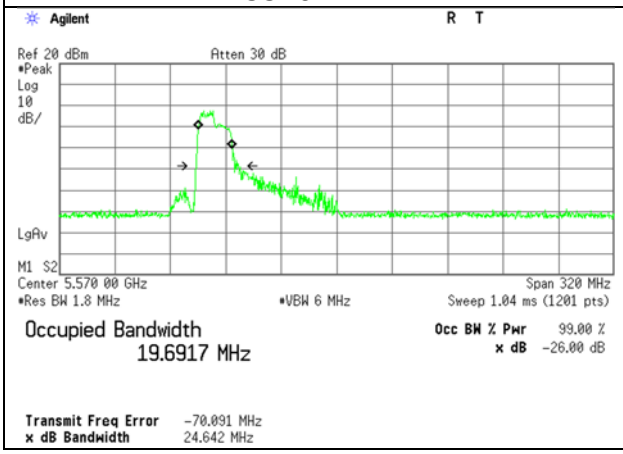
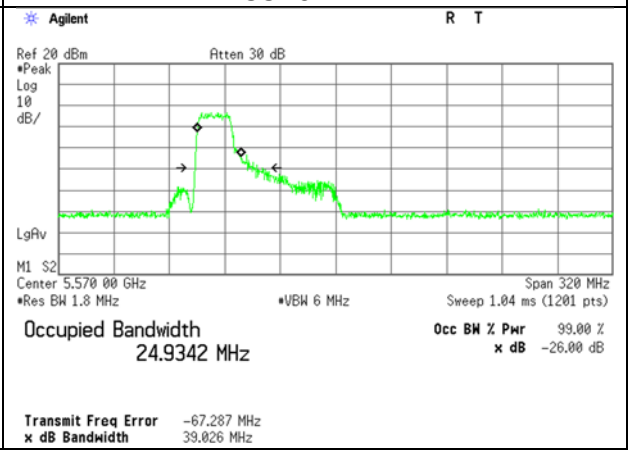


[Segment 0/Index 37]
5570 MHz



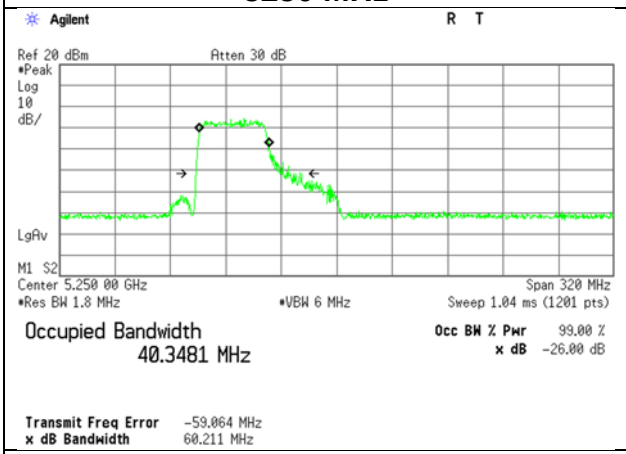
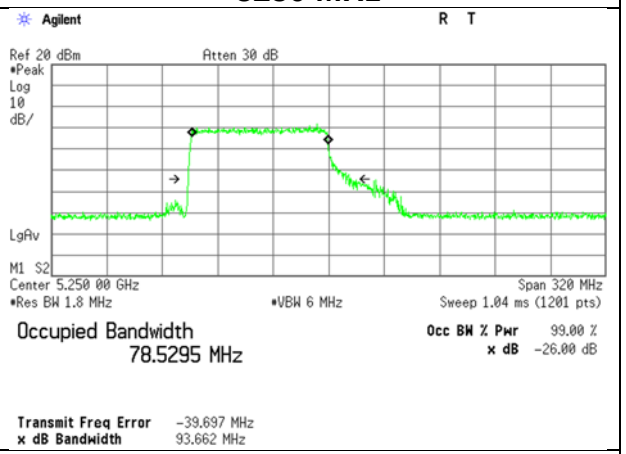
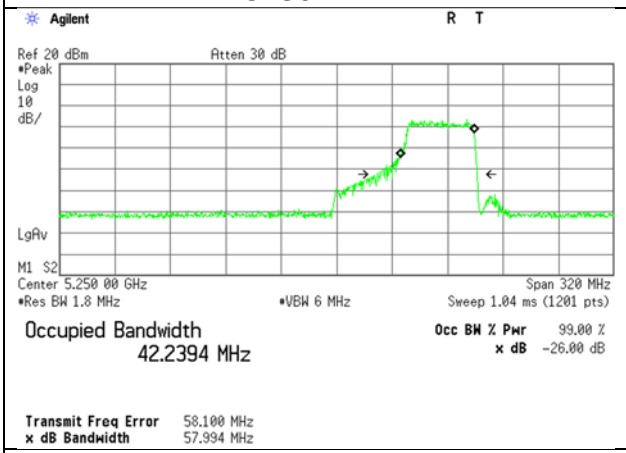
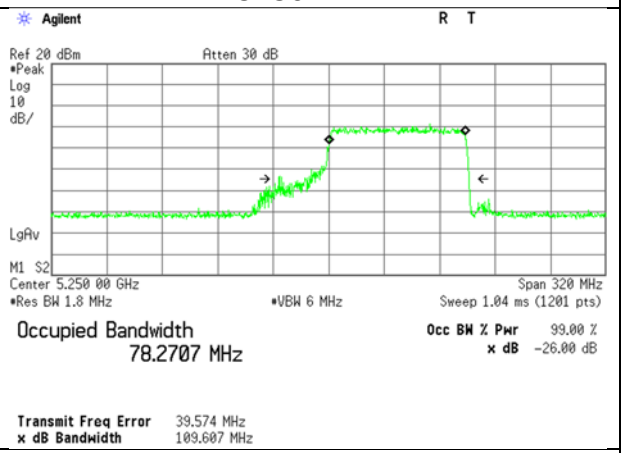
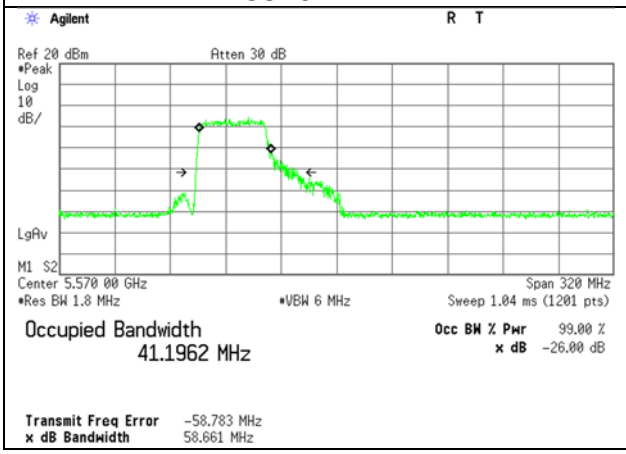
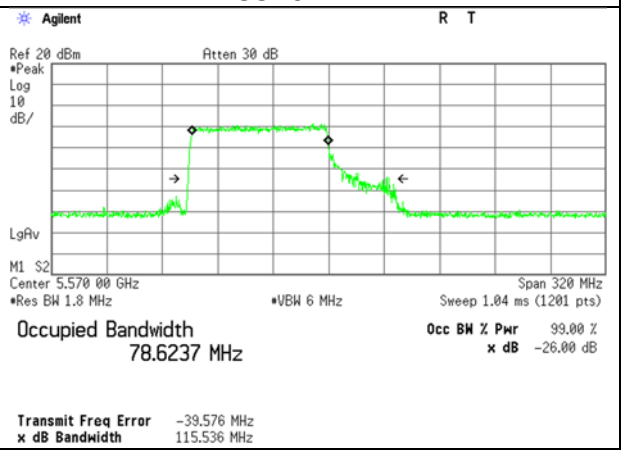
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-160

[106-tone RU]	[242-tone RU]
[Segment 0/Index 53] **5250 MHz**  	**[Segment 0/Index 61]** **5250 MHz** 
[Segment 1/Index 60] **5250 MHz**  	**[Segment 1/Index 64]** **5250 MHz** 
[Segment 0/Index 53] **5570 MHz**  	**[Segment 0/Index 61]** **5570 MHz** 

26 dB Emission Bandwidth and 99 % Occupied Bandwidth

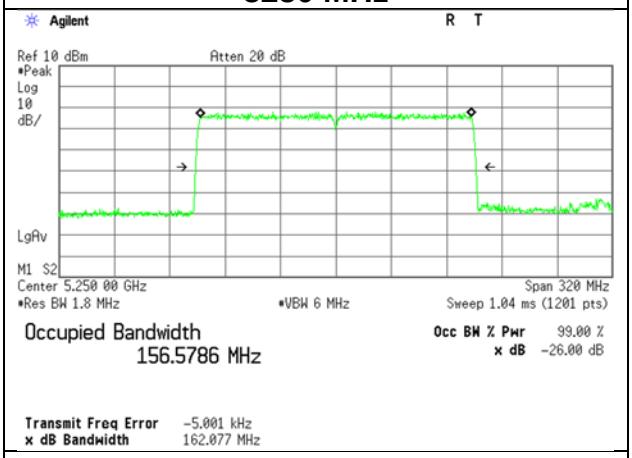
11be-160

[484-tone RU]	[996-tone RU]
[Segment 0/Index 65] **5250 MHz**	**[Segment 0/Index 67]** **5250 MHz**
	
[Segment 1/Index 66] **5250 MHz**	**[Segment 1/Index 67]** **5250 MHz**
	
[Segment 0/Index 65] **5570 MHz**	**[Segment 0/Index 67]** **5570 MHz**
	

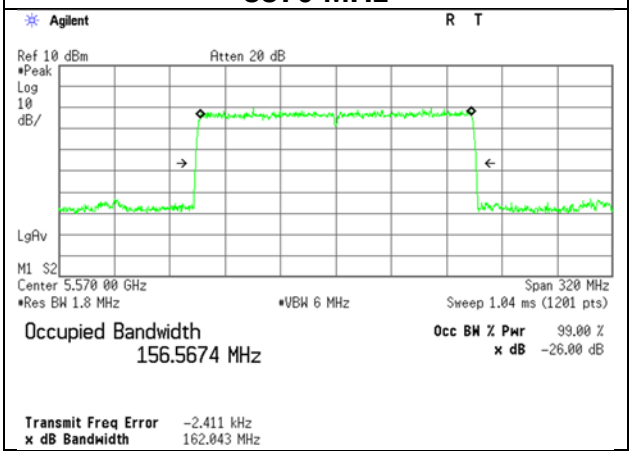
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11be-160 [2x996-tone RU]

[Index 68]
5250 MHz



[Index 68]
5570 MHz



6 dB Bandwidth

Test place	Ise EMC Lab. No.7 Shielded Room
Date	January 29, 2024
Temperature / Humidity	25 deg. C / 40 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx

11a

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5745	16.382	> 0.500
	5785	16.387	> 0.500
	5825	16.388	> 0.500

11ac-20

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5745	17.629	> 0.500
	5785	17.630	> 0.500
	5825	17.610	> 0.500

11be-20 [OFDM]

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5745	19.014	> 0.500
	5785	19.027	> 0.500
	5825	19.039	> 0.500

6 dB Bandwidth

Test place	Ise EMC Lab. No.7 Shielded Room
Date	January 29, 2024
Temperature / Humidity	22 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx

11be-20

Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	26-tone RU	5745	0	2.083	> 0.500
		5785	4	2.625	> 0.500
		5825	8	2.096	> 0.500
	52-tone RU	5745	37	4.086	> 0.500
		5785	38	4.092	> 0.500
		5825	40	3.976	> 0.500
	106-tone RU	5745	53	8.373	> 0.500
		5785	53	8.349	> 0.500
		5825	54	8.344	> 0.500
	242-tone RU	5745	61	19.041	> 0.500
		5785	61	19.062	> 0.500
		5825	61	19.028	> 0.500

6 dB Bandwidth

Test place	Ise EMC Lab. No.7 Shielded Room
Date	January 29, 2024
Temperature / Humidity	25 deg. C / 40 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx

11ac-40

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5755	36.401	> 0.500
	5795	36.391	> 0.500

11be-40 [OFDM]

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5755	38.176	> 0.500
	5795	38.173	> 0.500

6 dB Bandwidth

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 30, 2024
Temperature / Humidity	22 deg. C / 37 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx

11be-40 [OFDMA]

Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	26-tone RU	5755	0	2.059	> 0.500
		5795	17	2.017	> 0.500
	52-tone RU	5755	37	4.078	> 0.500
		5795	44	4.088	> 0.500
	106-tone RU	5755	53	8.273	> 0.500
		5795	56	8.197	> 0.500
	242-tone RU	5755	61	18.809	> 0.500
		5795	62	18.681	> 0.500
	484-tone RU	5755	65	38.202	> 0.500
		5795	65	38.169	> 0.500

6 dB Bandwidth

Test place	Ise EMC Lab. No.7 Shielded Room
Date	January 29, 2024
Temperature / Humidity	25 deg. C / 40 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx

11ac-80

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5775	76.478	> 0.500

11be-80 [OFDM]

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	5775	78.252	> 0.500

6 dB Bandwidth

Test place	Ise EMC Lab. No.6 Measurement Room	
Date	January 30, 2024	January 30, 2024
Temperature / Humidity	22 deg. C / 37 % RH	22 deg. C / 40 % RH
Engineer	Kiyoshiro Okazaki	Junya Okuno
Mode	Tx	

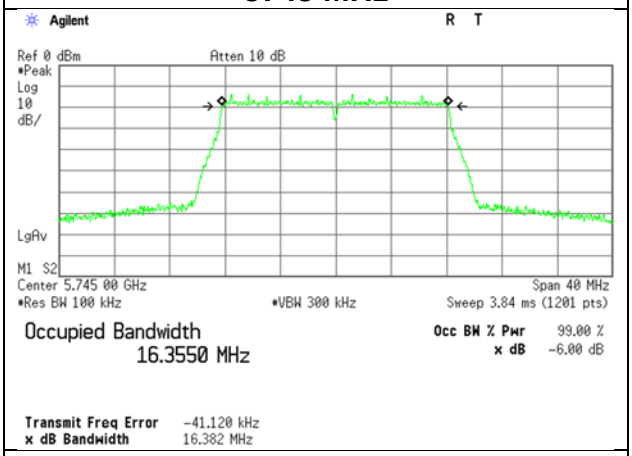
11be-80 [OFDMA]

Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 1	26-tone RU	5775	0	2.092	> 0.500
	52-tone RU	5775	37	4.061	> 0.500
	106-tone RU	5775	53	8.242	> 0.500
	242-tone RU	5775	61	18.831	> 0.500
	484-tone RU	5775	65	38.159	> 0.500
	996-tone RU	5775	67	78.215	> 0.500

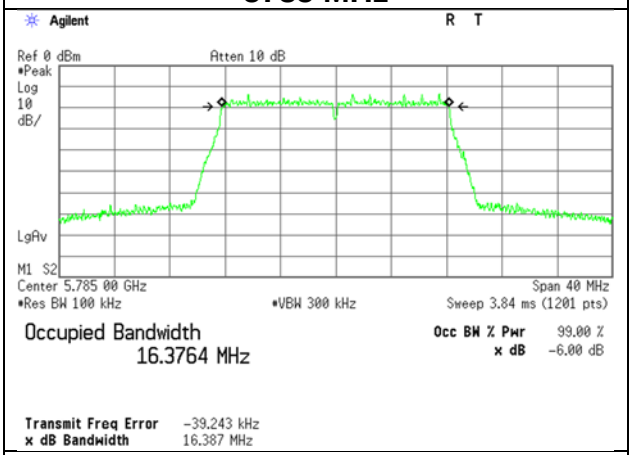
6 dB Bandwidth

11a

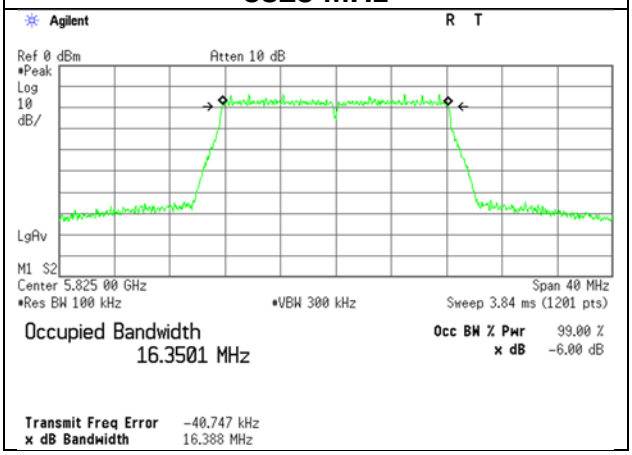
5745 MHz



5785 MHz



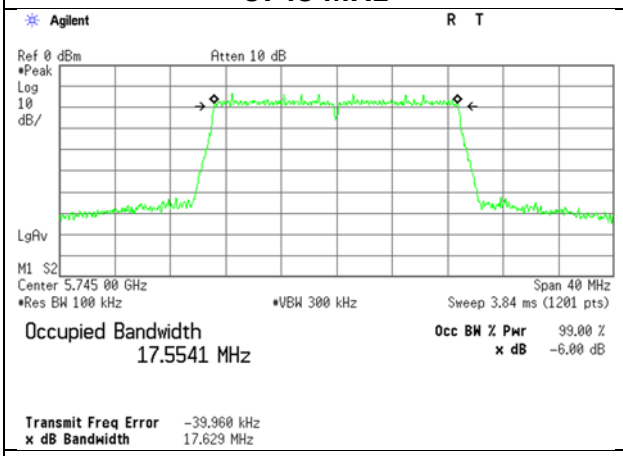
5825 MHz



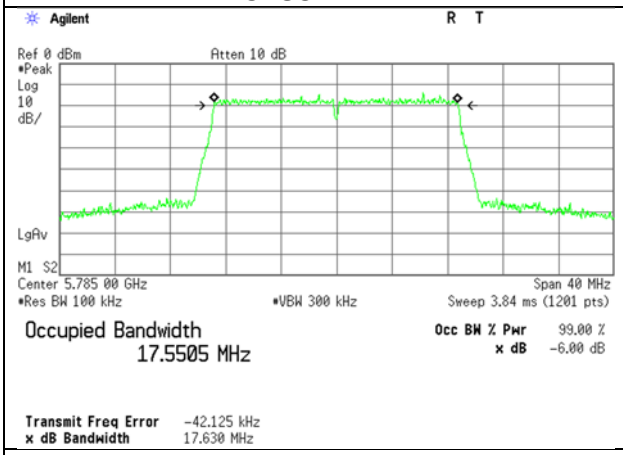
6 dB Bandwidth

11ac-20

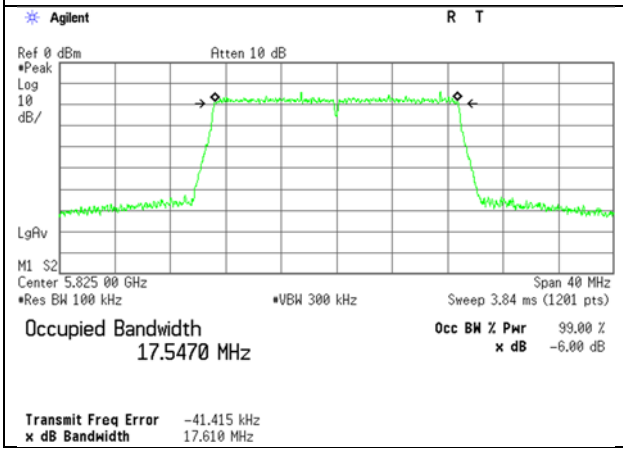
5745 MHz



5785 MHz

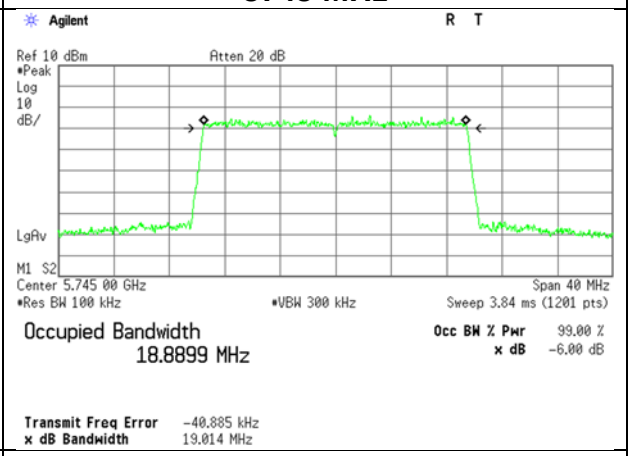


5825 MHz

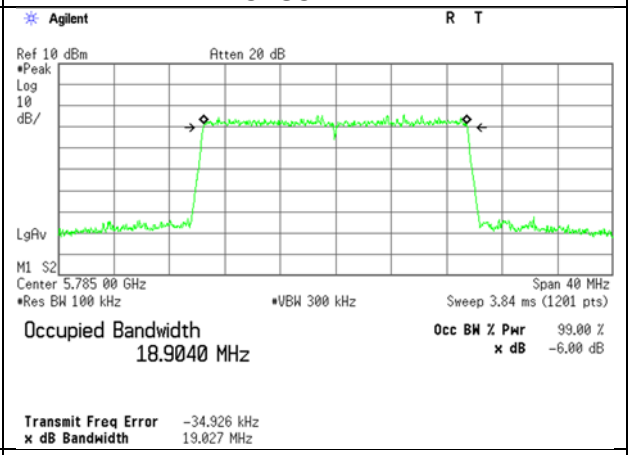


11be-20 [OFDM]

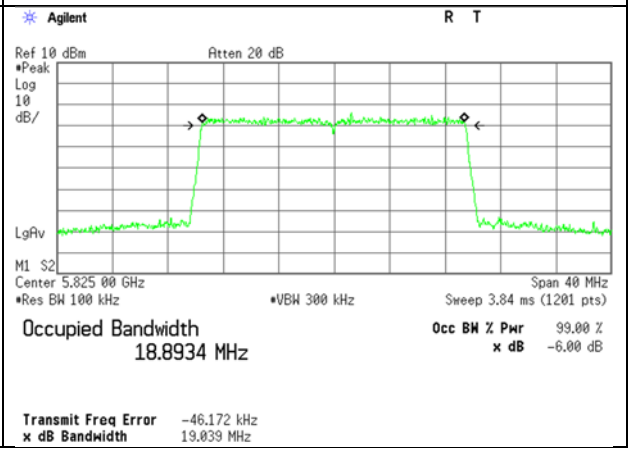
5745 MHz



5785 MHz

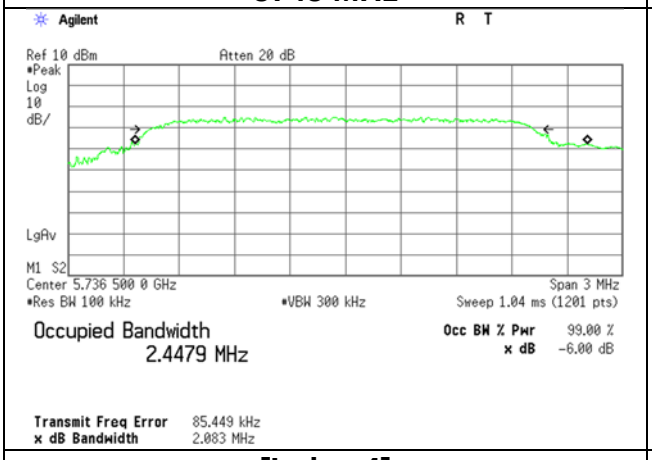
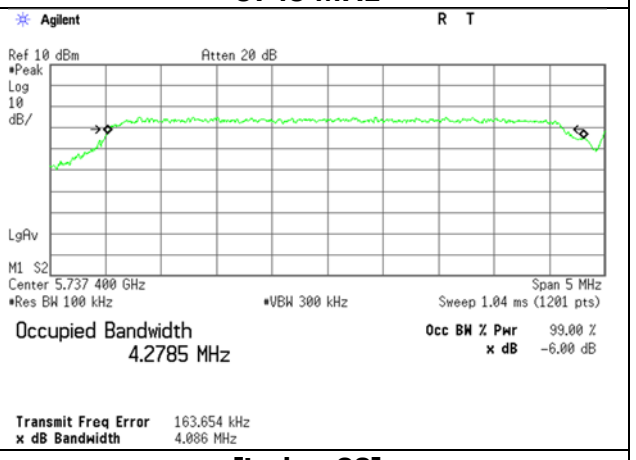
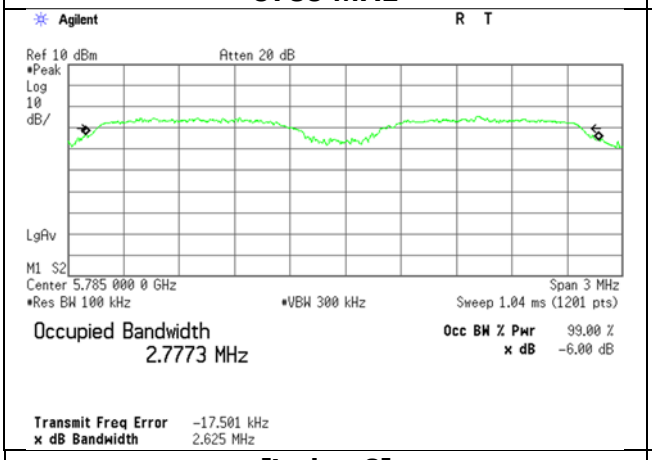
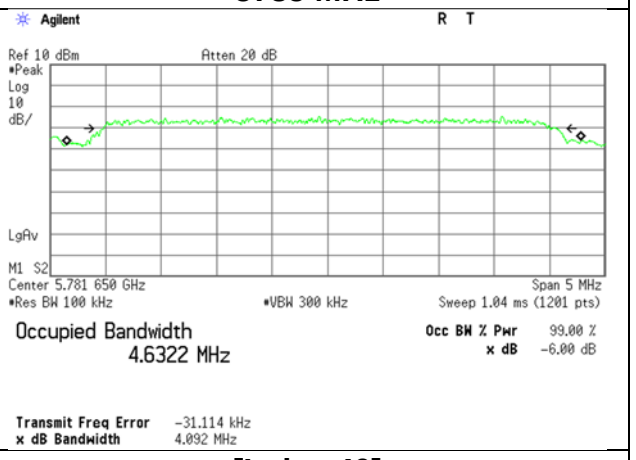
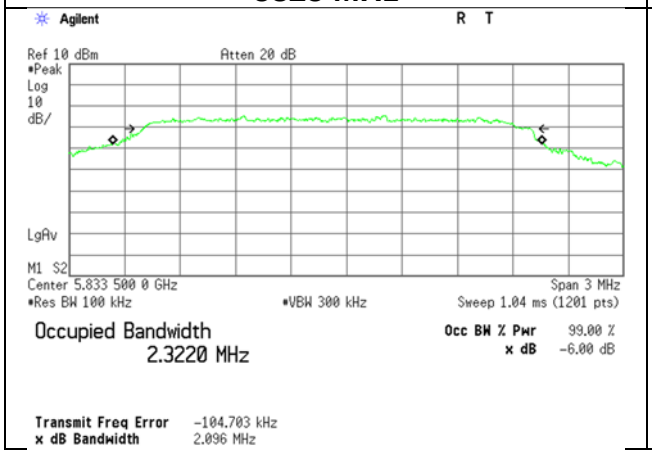
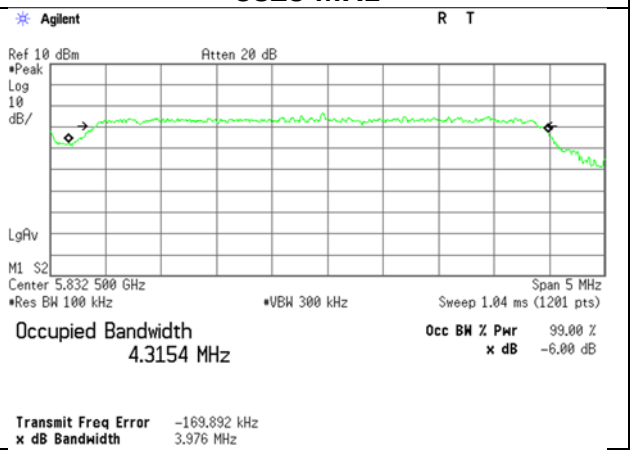


5825 MHz



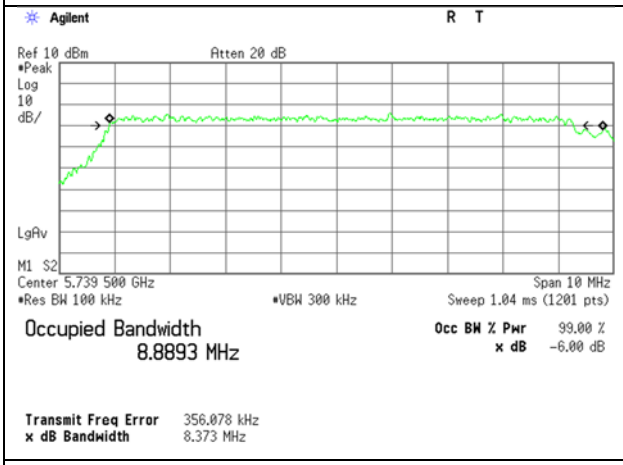
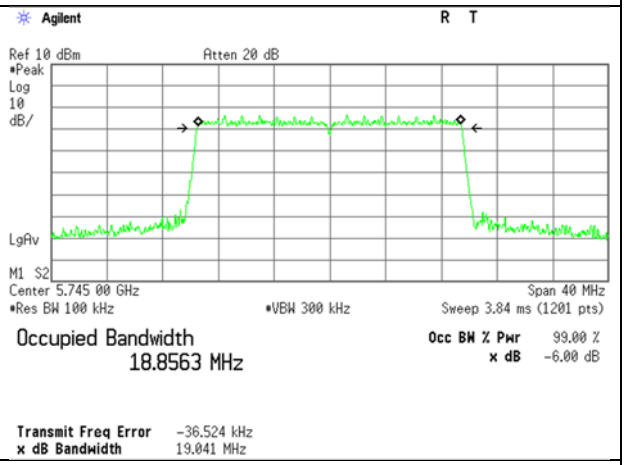
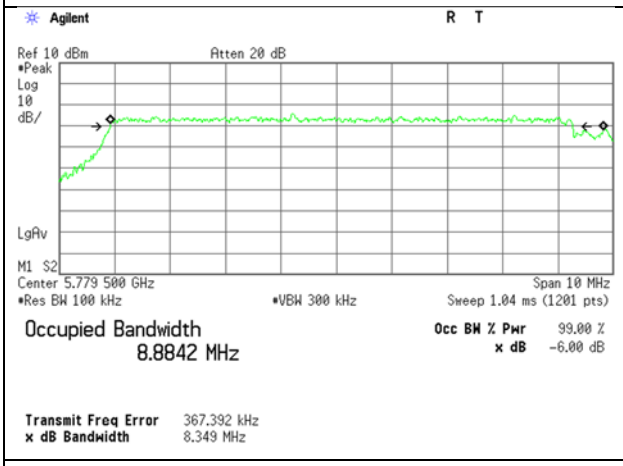
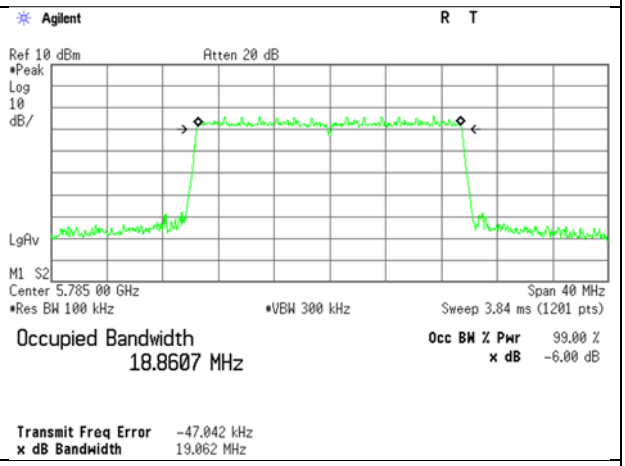
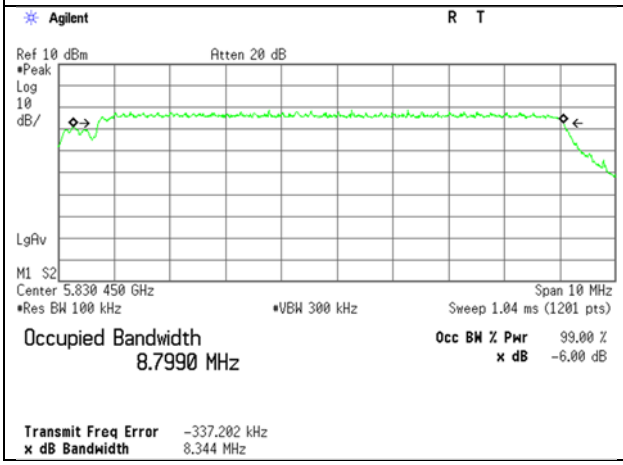
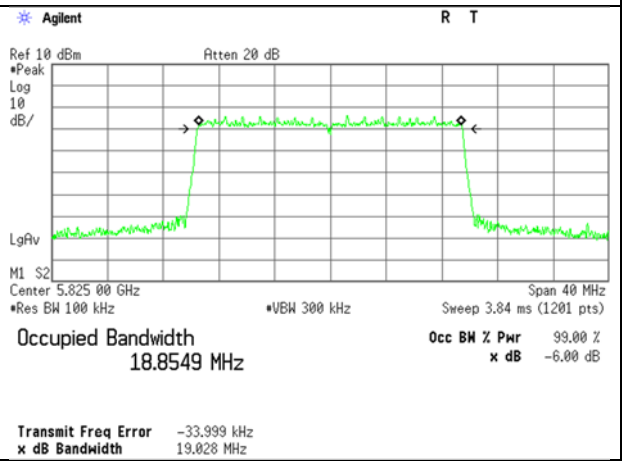
6 dB Bandwidth

11be-20

[26-tone RU]	[52-tone RU]
[Index 0] **5745 MHz**	**[Index 37]** **5745 MHz**
	
[Index 4] **5785 MHz**	**[Index 38]** **5785 MHz**
	
[Index 8] **5825 MHz**	**[Index 40]** **5825 MHz**
	

6 dB Bandwidth

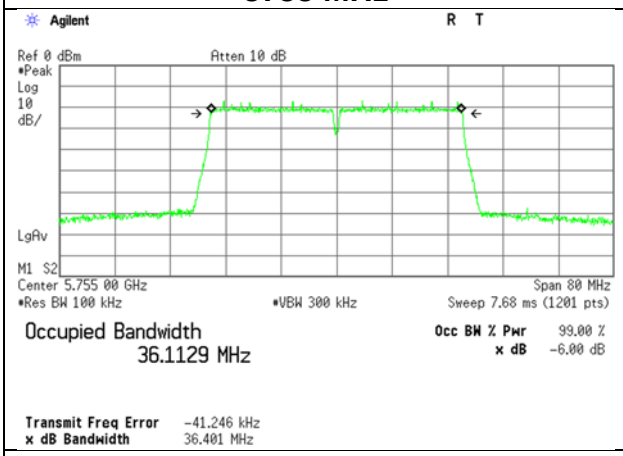
11be-20

[106-tone RU]	[242-tone RU]
[Index 53] **5745 MHz**	**[Index 61]** **5745 MHz**
	
[Index 53] **5785 MHz**	**[Index 61]** **5785 MHz**
	
[Index 54] **5825 MHz**	**[Index 61]** **5825 MHz**
	

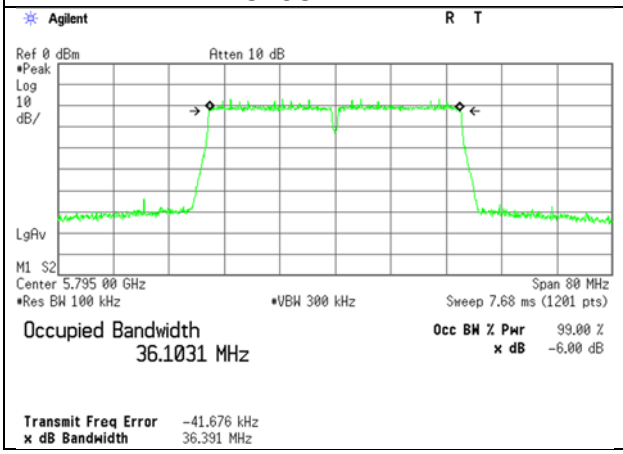
6 dB Bandwidth

11ac-40

5755 MHz

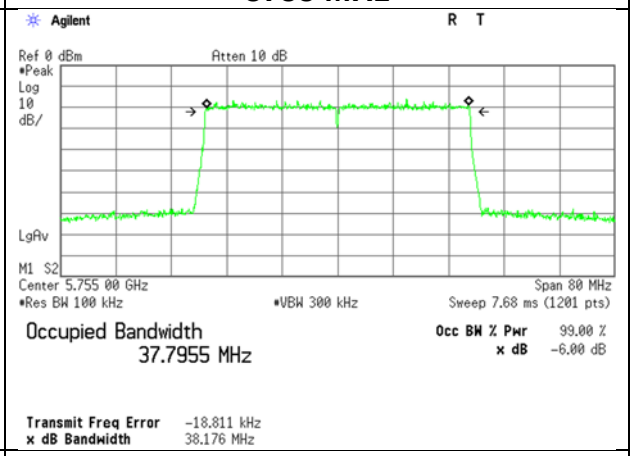


5795 MHz

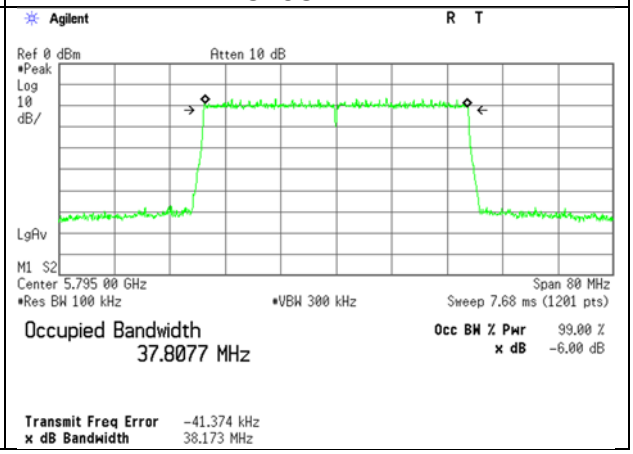


11be-40 [OFDM]

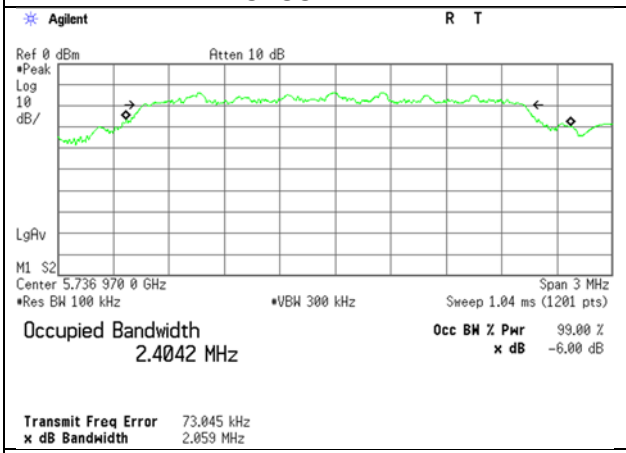
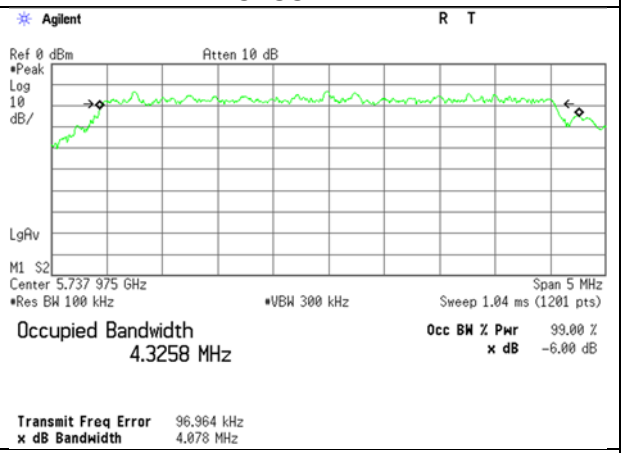
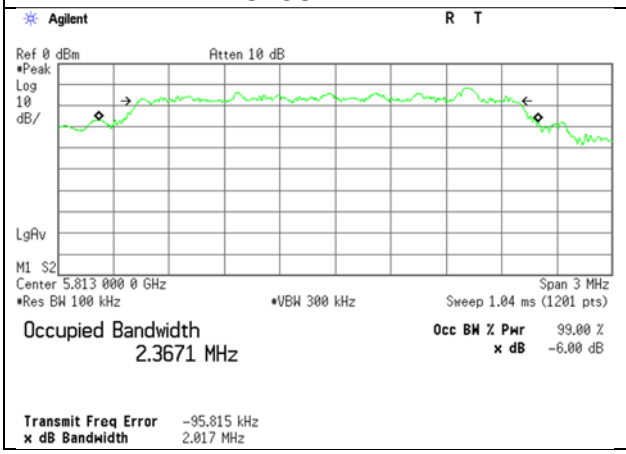
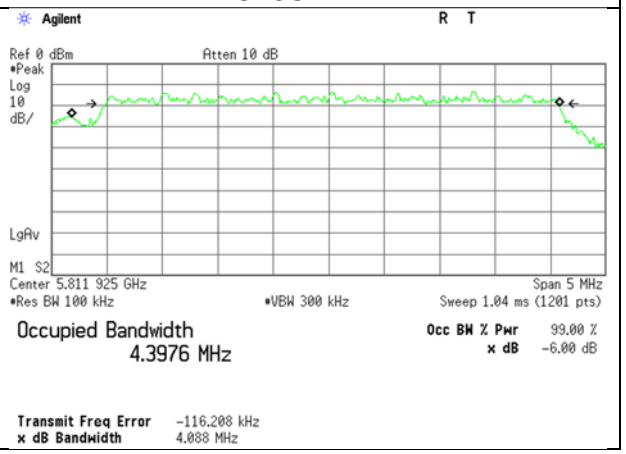
5755 MHz



5795 MHz



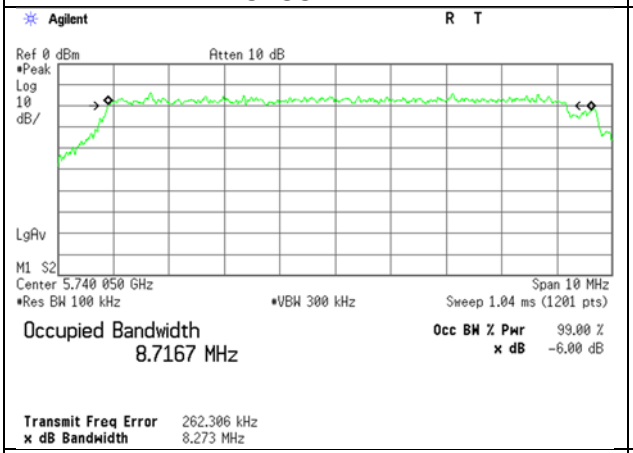
6 dB Bandwidth

11be-40 [26-tone RU]	11be-40 [52-tone RU]
[Index 0] **5755 MHz**	**[Index 37]** **5755 MHz**
	
[Index 17] **5795 MHz**	**[Index 44]** **5795 MHz**
	

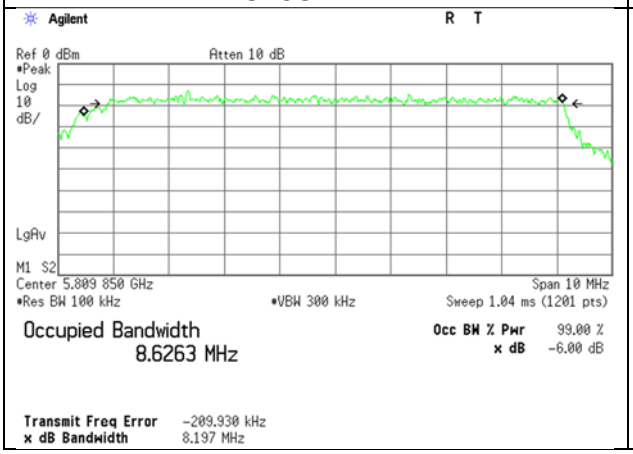
6 dB Bandwidth

11be-40 [106-tone RU]

[Index 53]
5755 MHz

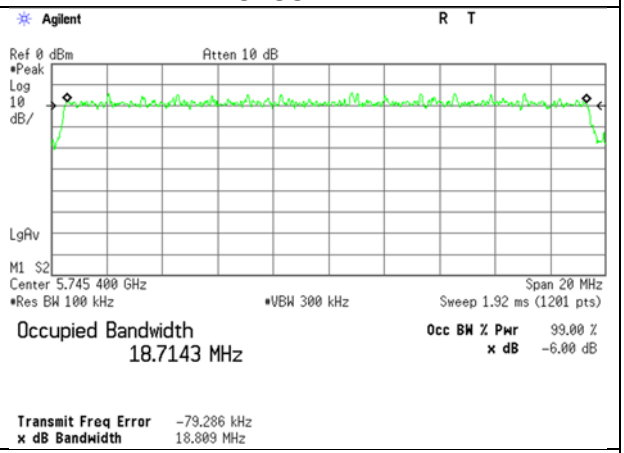


[Index 56]
5795 MHz

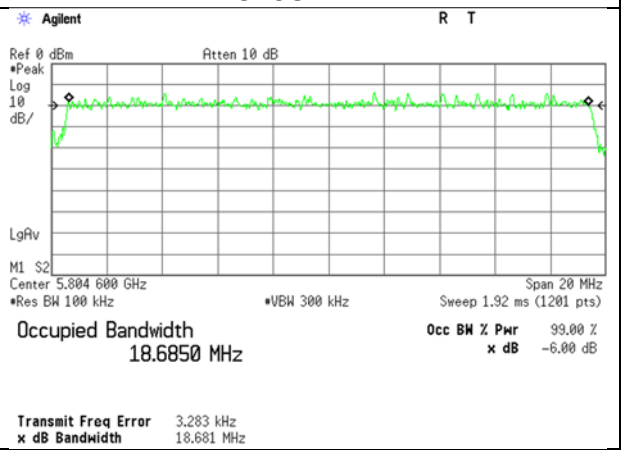


11be-40 [242-tone RU]

[Index 61]
5755 MHz



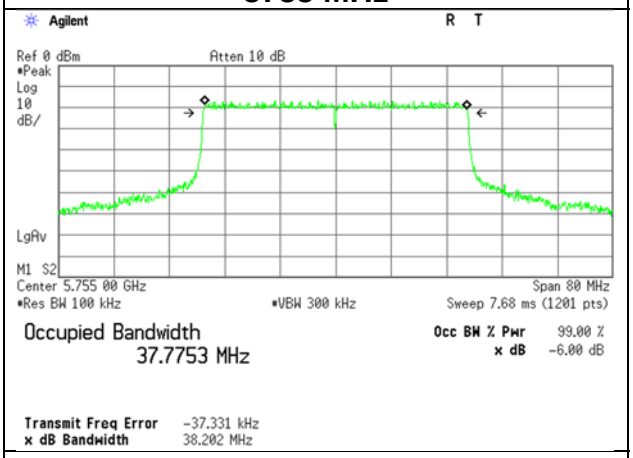
[Index 62]
5795 MHz



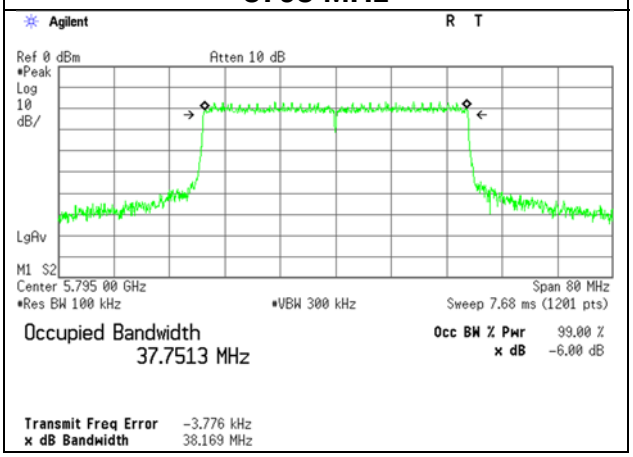
6 dB Bandwidth

11be-40 [484-tone RU]

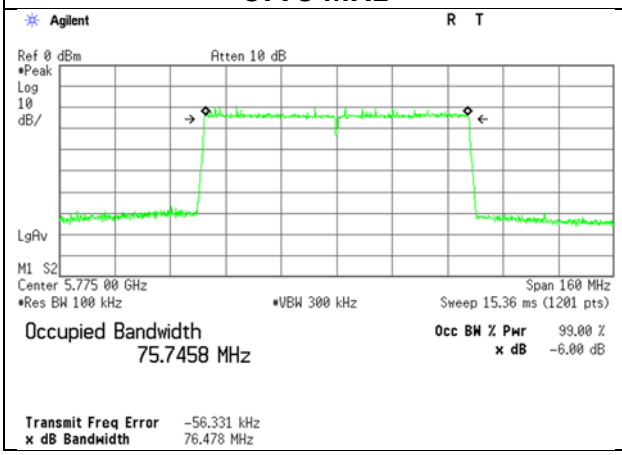
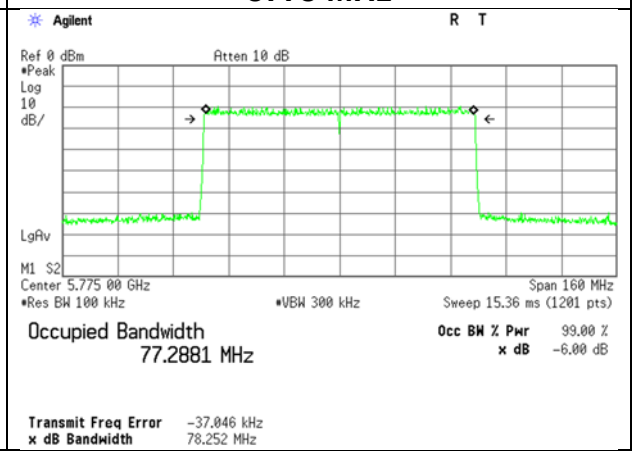
[Index 65]
5755 MHz



[Index 65]
5795 MHz



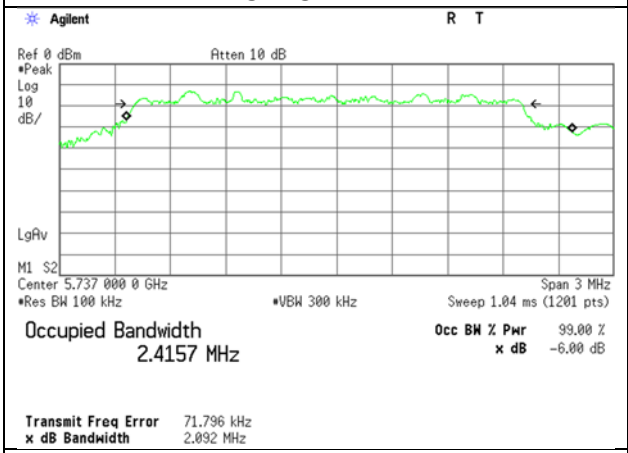
6 dB Bandwidth

11ac-80	11be-80 [OFDM]
5775 MHz	5775 MHz
	

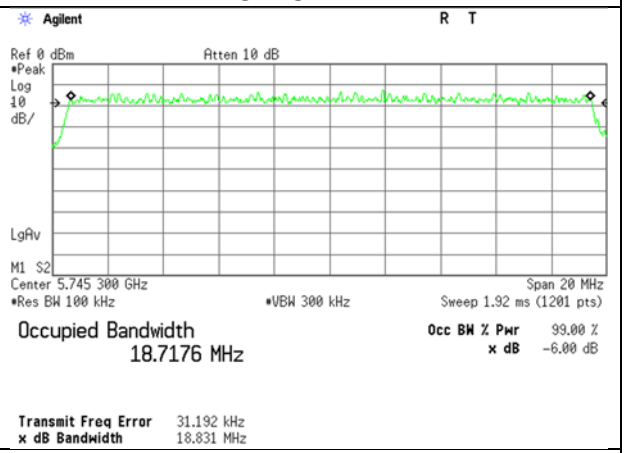
6 dB Bandwidth

11be-80

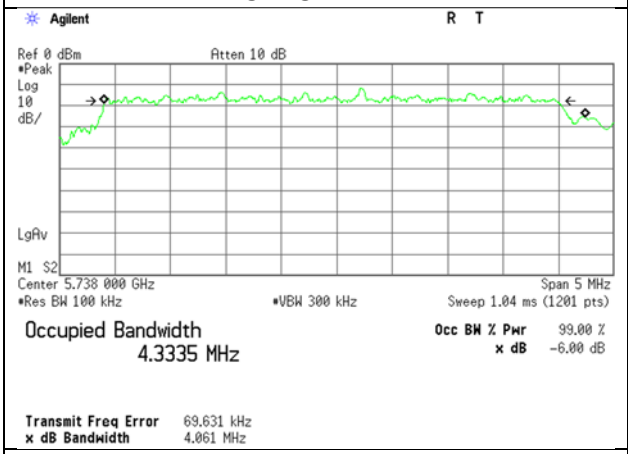
[26-tone RU/Index 0]
5775 MHz



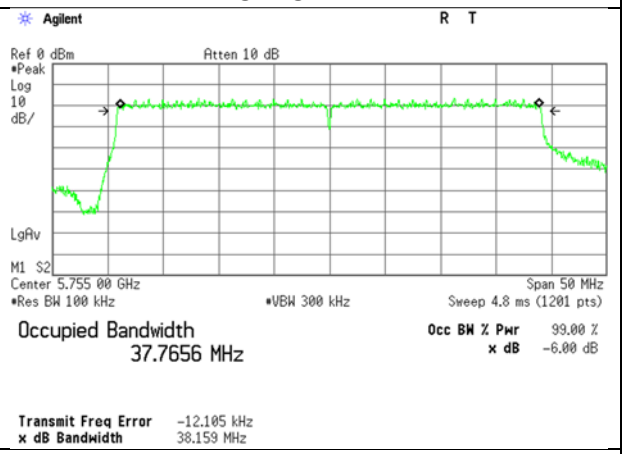
[242-tone RU/Index 61]
5775 MHz



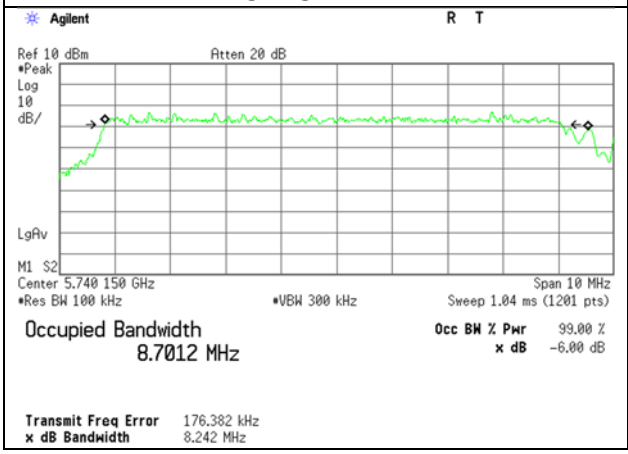
[52-tone RU/Index 37]
5775 MHz



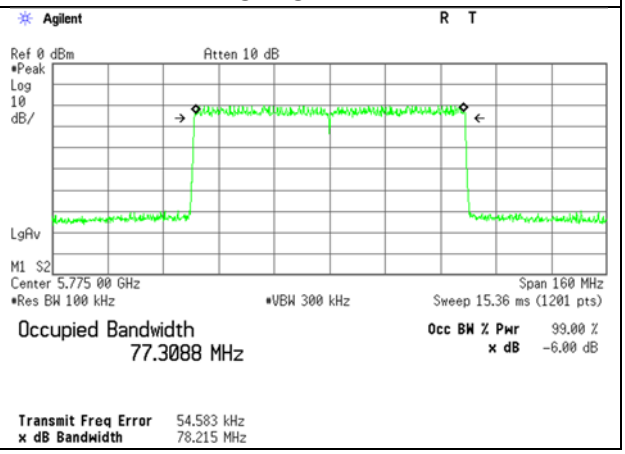
[484-tone RU/Index 65]
5775 MHz



[106-tone RU/Index 53]
5775 MHz



[996-tone RU Index 67]
5775 MHz



Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 24, 2024
Temperature / Humidity	20 deg. C / 40 % RH
Engineer	Junya Okuno
Mode	Tx 11a

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	-	16.395	5.61	3.67	9.28	9.68	21.71	12.03	37.62	24.63	62.24	17.94	29.97	12.03	13
5220	-	16.400	5.33	4.13	***9.46***	***9.76***	21.71	11.95	35.76	27.69	***63.45***	***18.02***	29.97	11.95	13
5240	-	16.379	5.11	4.33	9.43	9.75	21.71	11.96	34.23	29.00	63.23	18.01	29.97	11.96	13
5260	18.399	16.397	10.47	8.91	***19.38***	***12.87***	21.38	8.51	70.21	59.76	***129.97***	***21.14***	29.97	8.83	19
5300	18.439	16.396	9.55	9.82	19.37	12.87	21.39	8.52	64.03	65.82	129.86	21.13	29.97	8.84	19
5320	18.355	16.413	9.08	9.91	18.99	12.78	21.37	8.59	60.87	66.43	127.30	21.05	29.97	8.92	19
5500	18.437	16.405	9.10	9.46	18.56	12.69	21.39	8.70	61.01	63.44	124.45	20.95	29.97	9.02	19
5580	18.427	16.395	8.85	9.12	17.97	12.55	21.39	8.84	59.35	61.15	120.49	20.81	29.97	9.16	18
5700	18.399	16.390	9.77	8.79	***18.56***	***12.69***	21.38	8.69	65.52	58.94	***124.46***	***20.95***	29.97	9.02	18
5720	18.342	16.398	9.79	8.67	18.46	12.66	21.37	8.71	65.67	58.13	123.80	20.93	29.97	9.04	17
5745	-	16.381	10.07	8.17	18.24	12.61	27.73	15.12	67.51	54.75	122.26	20.87	36.00	15.13	17
5785	-	16.403	10.30	8.55	***18.85***	***12.75***	27.73	14.98	69.09	57.33	***126.42***	***21.02***	36.00	14.98	17
5825	-	16.406	9.91	8.83	18.74	12.73	27.73	15.00	66.43	59.21	125.64	20.99	36.00	15.01	18

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	0.00	-3.47	0.80	10.16	8.26	7.49	15.75	-5.11	0.70	10.06	8.26	5.65	13.91
5220	0.00	-3.69	0.80	10.16	8.26	7.27	15.53	-4.60	0.70	10.06	8.26	6.16	14.42
5240	0.00	-3.88	0.80	10.16	8.26	7.08	15.34	-4.40	0.70	10.06	8.26	6.36	14.62
5260	0.00	-0.76	0.80	10.16	8.26	10.20	18.46	-1.26	0.70	10.06	8.26	9.50	17.76
5300	0.00	-1.16	0.80	10.16	8.26	9.80	18.06	-0.84	0.70	10.06	8.26	9.92	18.18
5320	0.00	-1.38	0.80	10.16	8.26	9.58	17.84	-0.80	0.70	10.06	8.26	9.96	18.22
5500	0.00	-1.48	0.90	10.17	8.26	9.59	17.85	-1.11	0.80	10.07	8.26	9.76	18.02
5580	0.00	-1.60	0.90	10.17	8.26	9.47	17.73	-1.27	0.80	10.07	8.26	9.60	17.86
5700	0.00	-1.17	0.90	10.17	8.26	9.90	18.16	-1.43	0.80	10.07	8.26	9.44	17.70
5720	0.00	-1.16	0.90	10.17	8.26	9.91	18.17	-1.49	0.80	10.07	8.26	9.38	17.64
5745	0.00	-1.05	0.90	10.18	8.26	10.03	18.29	-1.75	0.80	10.07	8.26	9.12	17.38
5785	0.00	-0.95	0.90	10.18	8.26	10.13	18.39	-1.55	0.80	10.07	8.26	9.32	17.58
5825	0.00	-1.12	0.90	10.18	8.26	9.96	18.22	-1.41	0.80	10.07	8.26	9.46	17.72

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 24, 2024
Temperature / Humidity	20 deg. C / 40 % RH
Engineer	Junya Okuno
Mode	Tx 11ac-20

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	-	17.529	5.51	3.81	9.32	9.69	21.71	12.02	36.93	25.55	62.48	17.96	29.97	12.01	13
5220	-	17.549	5.26	4.28	9.54	9.79	21.71	11.92	35.27	28.67	63.94	18.06	29.97	11.91	13
5240	-	17.549	5.22	4.36	***9.58***	***9.81***	21.71	11.90	35.03	29.20	***64.23***	***18.08***	29.97	11.89	13
5260	18.924	17.542	10.72	8.93	19.65	12.93	21.50	8.57	71.84	59.89	131.74	21.20	29.97	8.77	19
5300	19.013	17.532	9.79	10.02	***19.82***	***12.97***	21.52	8.55	65.67	67.20	***132.88***	***21.23***	29.97	8.74	19
5320	18.985	17.536	9.25	10.14	19.39	12.87	21.52	8.65	62.00	67.98	129.98	21.14	29.97	8.83	19
5500	18.987	17.532	9.23	9.59	18.82	12.75	21.52	8.77	61.86	64.33	126.18	21.01	29.97	8.96	19
5580	19.033	17.548	9.73	8.79	18.52	12.68	21.53	8.85	65.22	58.94	124.16	20.94	29.97	9.03	18
5700	19.009	17.536	9.84	9.04	***18.88***	***12.76***	21.52	8.76	65.98	60.59	***126.57***	***21.02***	29.97	8.95	17
5720	18.964	17.548	10.54	7.98	18.52	12.68	21.51	8.83	70.70	53.50	124.20	20.94	29.97	9.03	17
5745	-	17.538	10.74	8.59	***19.33***	***12.86***	27.73	14.87	72.01	57.60	***129.61***	***21.13***	36.00	14.87	18
5785	-	17.537	10.50	8.69	19.19	12.83	27.73	14.90	70.37	58.26	128.63	21.09	36.00	14.91	17
5825	-	17.537	10.07	8.95	19.02	12.79	27.73	14.94	67.51	60.03	127.55	21.06	36.00	14.94	18

		Antenna 1						Antenna 3					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	0.00	-3.55	0.80	10.16	8.26	7.41	15.67	-4.95	0.70	10.06	8.26	5.81	14.07
5220	0.00	-3.75	0.80	10.16	8.26	7.21	15.47	-4.45	0.70	10.06	8.26	6.31	14.57
5240	0.00	-3.78	0.80	10.16	8.26	7.18	15.44	-4.37	0.70	10.06	8.26	6.39	14.65
5260	0.00	-0.66	0.80	10.16	8.26	10.30	18.56	-1.25	0.70	10.06	8.26	9.51	17.77
5300	0.00	-1.05	0.80	10.16	8.26	9.91	18.17	-0.75	0.70	10.06	8.26	10.01	18.27
5320	0.00	-1.30	0.80	10.16	8.26	9.66	17.92	-0.70	0.70	10.06	8.26	10.06	18.32
5500	0.00	-1.42	0.90	10.17	8.26	9.65	17.91	-1.05	0.80	10.07	8.26	9.82	18.08
5580	0.00	-1.19	0.90	10.17	8.26	9.88	18.14	-1.43	0.80	10.07	8.26	9.44	17.70
5700	0.00	-1.14	0.90	10.17	8.26	9.93	18.19	-1.31	0.80	10.07	8.26	9.56	17.82
5720	0.00	-0.84	0.90	10.17	8.26	10.23	18.49	-1.85	0.80	10.07	8.26	9.02	17.28
5745	0.00	-0.77	0.90	10.18	8.26	10.31	18.57	-1.53	0.80	10.07	8.26	9.34	17.60
5785	0.00	-0.87	0.90	10.18	8.26	10.21	18.47	-1.48	0.80	10.07	8.26	9.39	17.65
5825	0.00	-1.05	0.90	10.18	8.26	10.03	18.29	-1.35	0.80	10.07	8.26	9.52	17.78

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 24, 2024
Temperature / Humidity	20 deg. C / 40 % RH
Engineer	Junya Okuno
Mode	Tx 11be-20 [OFDM]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	-	18.913	5.45	3.94	9.39	9.73	21.71	11.98	36.51	26.45	62.96	17.99	29.97	11.98	12
5220	-	18.885	5.48	4.27	***9.75***	***9.89***	21.71	11.82	36.76	28.60	***65.36***	***18.15***	29.97	11.82	12
5240	-	18.897	5.16	4.43	9.59	9.82	21.71	11.89	34.62	29.67	64.30	18.08	29.97	11.89	12
5260	19.819	18.890	5.15	4.38	9.53	9.79	21.70	11.91	34.55	29.34	63.88	18.05	29.97	11.92	12
5300	19.880	18.923	4.68	4.95	***9.63***	***9.84***	21.71	11.87	31.36	33.22	***64.58***	***18.10***	29.97	11.87	12
5320	19.928	18.904	4.56	4.97	9.53	9.79	21.71	11.92	30.58	33.30	63.87	18.05	29.97	11.92	12
5500	19.878	18.925	9.86	9.23	***19.09***	***12.81***	21.71	8.90	66.13	61.86	***127.99***	***21.07***	29.97	8.90	18
5580	19.899	18.908	9.82	8.97	18.79	12.74	21.71	8.97	65.82	60.17	126.00	21.00	29.97	8.97	17
5700	19.907	18.918	9.71	9.38	19.08	12.81	21.71	8.90	65.07	62.86	127.93	21.07	29.97	8.90	17
5720	19.953	18.901	10.12	8.77	18.89	12.76	21.71	8.95	67.82	58.80	126.63	21.03	29.97	8.94	17
5745	-	18.925	10.99	8.36	***19.35***	***12.87***	27.73	14.86	73.69	56.03	***129.71***	***21.13***	36.00	14.87	17
5785	-	18.907	10.54	8.75	19.29	12.85	27.73	14.88	70.70	58.67	129.36	21.12	36.00	14.88	16
5825	-	18.927	10.05	9.08	19.12	12.82	27.73	14.91	67.36	60.87	128.23	21.08	36.00	14.92	17

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	0.00	-3.60	0.80	10.16	8.26	7.36	15.62	-4.80	0.70	10.06	8.26	5.96	14.22
5220	0.00	-3.57	0.80	10.16	8.26	7.39	15.65	-4.46	0.70	10.06	8.26	6.30	14.56
5240	0.00	-3.83	0.80	10.16	8.26	7.13	15.39	-4.30	0.70	10.06	8.26	6.46	14.72
5260	0.00	-3.84	0.80	10.16	8.26	7.12	15.38	-4.35	0.70	10.06	8.26	6.41	14.67
5300	0.00	-4.26	0.80	10.16	8.26	6.70	14.96	-3.81	0.70	10.06	8.26	6.95	15.21
5320	0.00	-4.37	0.80	10.16	8.26	6.59	14.85	-3.80	0.70	10.06	8.26	6.96	15.22
5500	0.00	-1.13	0.90	10.17	8.26	9.94	18.20	-1.22	0.80	10.07	8.26	9.65	17.91
5580	0.00	-1.15	0.90	10.17	8.26	9.92	18.18	-1.34	0.80	10.07	8.26	9.53	17.79
5700	0.00	-1.20	0.90	10.17	8.26	9.87	18.13	-1.15	0.80	10.07	8.26	9.72	17.98
5720	0.00	-1.02	0.90	10.17	8.26	10.05	18.31	-1.44	0.80	10.07	8.26	9.43	17.69
5745	0.00	-0.67	0.90	10.18	8.26	10.41	18.67	-1.65	0.80	10.07	8.26	9.22	17.48
5785	0.00	-0.85	0.90	10.18	8.26	10.23	18.49	-1.45	0.80	10.07	8.26	9.42	17.68
5825	0.00	-1.06	0.90	10.18	8.26	10.02	18.28	-1.29	0.80	10.07	8.26	9.58	17.84

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-20 [26-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	0	-	18.126	0.81	0.52	***1.34***	***1.27***	21.71	20.44	5.46	3.52	***8.98***	***9.53***	29.97	20.44	-5
5220	4	-	17.027	0.75	0.57	1.32	1.21	21.71	20.50	5.02	3.85	8.87	9.48	29.97	20.49	-5
5240	8	-	18.155	0.73	0.60	1.34	1.26	21.71	20.45	4.92	4.03	8.96	9.52	29.97	20.45	-5
5260	0	19.375	18.211	0.71	0.57	1.28	1.06	21.60	20.54	4.74	3.83	8.57	9.33	29.97	20.64	-5
5300	4	18.181	17.122	0.65	0.67	1.32	1.20	21.33	20.13	4.37	4.46	8.83	9.46	29.97	20.51	-5
5320	8	19.480	18.108	0.70	0.69	***1.39***	***1.44***	21.63	20.19	4.69	4.64	***9.33***	***9.70***	29.97	20.27	-5
5500	0	19.304	18.209	1.43	1.34	***2.77***	***4.42***	21.59	17.17	9.56	8.98	***18.54***	***12.68***	29.97	17.29	1
5580	4	18.336	17.093	1.39	1.37	2.76	4.41	21.36	16.95	9.32	9.19	18.51	12.67	29.97	17.30	0
5700	8	19.457	18.210	1.50	1.25	2.76	4.40	21.62	17.22	10.08	8.40	18.48	12.67	29.97	17.30	0
5720	8	19.507	18.177	1.51	1.25	2.76	4.41	21.63	17.22	10.12	8.36	18.49	12.67	29.97	17.30	0
5745	0	-	18.206	1.56	1.25	***2.81***	***4.48***	27.73	23.25	10.43	8.38	***18.82***	***12.75***	36.00	23.25	0
5785	4	-	17.025	1.57	1.13	2.70	4.31	27.73	23.42	10.53	7.58	18.10	12.58	36.00	23.42	-1
5825	8	-	18.170	1.48	1.21	2.68	4.28	27.73	23.45	9.89	8.08	17.97	12.55	36.00	23.45	0

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	0	0.00	-11.85	0.80	10.16	8.26	-0.89	7.37	-13.56	0.70	10.06	8.26	-2.80	5.46
5220	4	0.00	-12.22	0.80	10.16	8.26	-1.26	7.00	-13.17	0.70	10.06	8.26	-2.41	5.85
5240	8	0.00	-12.30	0.80	10.16	8.26	-1.34	6.92	-12.97	0.70	10.06	8.26	-2.21	6.05
5260	0	0.00	-12.47	0.80	10.16	8.26	-1.51	6.75	-13.19	0.70	10.06	8.26	-2.43	5.83
5300	4	0.00	-12.82	0.80	10.16	8.26	-1.86	6.40	-12.53	0.70	10.06	8.26	-1.77	6.49
5320	8	0.00	-12.51	0.80	10.16	8.26	-1.55	6.71	-12.36	0.70	10.06	8.26	-1.60	6.66
5500	0	0.00	-9.53	0.90	10.17	8.26	1.54	9.80	-9.60	0.80	10.07	8.26	1.27	9.53
5580	4	0.00	-9.64	0.90	10.17	8.26	1.43	9.69	-9.50	0.80	10.07	8.26	1.37	9.63
5700	8	0.00	-9.30	0.90	10.17	8.26	1.77	10.03	-9.89	0.80	10.07	8.26	0.98	9.24
5720	8	0.00	-9.28	0.90	10.17	8.26	1.79	10.05	-9.91	0.80	10.07	8.26	0.96	9.22
5745	0	0.00	-9.16	0.90	10.18	8.26	1.92	10.18	-9.90	0.80	10.07	8.26	0.97	9.23
5785	4	0.00	-9.12	0.90	10.18	8.26	1.96	10.22	-10.34	0.80	10.07	8.26	0.53	8.79
5825	8	0.00	-9.39	0.90	10.18	8.26	1.69	9.95	-10.06	0.80	10.07	8.26	0.81	9.07

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-20 [52-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	37	-	18.157	1.61	1.05	2.66	4.25	21.71	17.46	10.77	7.05	17.83	12.51	29.97	17.46	1
5220	38	-	17.136	1.49	1.14	2.63	4.20	21.71	17.51	9.99	7.65	17.63	12.46	29.97	17.51	1
5240	40	-	18.078	1.51	1.19	***2.70***	***4.32***	21.71	17.39	10.12	7.99	***18.11***	***12.58***	29.97	17.39	1
5260	37	19.673	18.179	1.43	1.16	2.60	4.14	21.67	17.53	9.60	7.81	17.41	12.41	29.97	17.56	1
5300	38	18.412	17.145	1.30	1.35	2.65	4.23	21.38	17.15	8.70	9.04	17.74	12.49	29.97	17.48	1
5320	40	19.526	18.067	1.38	1.42	***2.80***	***4.48***	21.64	17.16	9.28	9.51	***18.79***	***12.74***	29.97	17.23	1
5500	37	19.675	18.140	2.72	2.88	***5.60***	***7.48***	21.67	14.19	18.26	19.29	***37.55***	***15.75***	29.97	14.22	7
5580	38	18.363	17.095	2.72	2.81	5.53	7.43	21.37	13.94	18.21	18.85	37.07	15.69	29.97	14.28	6
5700	40	19.414	18.069	2.81	2.40	5.21	7.17	21.61	14.44	18.85	16.08	34.94	15.43	29.97	14.54	5
5720	40	19.552	18.101	2.98	2.33	5.31	7.25	21.64	14.39	19.97	15.61	35.58	15.51	29.97	14.46	5
5745	37	-	18.133	3.04	2.54	5.58	7.46	27.73	20.27	20.39	17.00	37.39	15.73	36.00	20.27	6
5785	38	-	17.155	3.08	2.51	***5.59***	***7.47***	27.73	20.26	20.67	16.80	***37.48***	***15.74***	36.00	20.26	5
5825	40	-	18.039	3.05	2.46	5.51	7.41	27.73	20.32	20.44	16.50	36.93	15.67	36.00	20.33	6

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	37	0.00	-8.90	0.80	10.16	8.26	2.06	10.32	-10.54	0.70	10.06	8.26	0.22	8.48
5220	38	0.00	-9.23	0.80	10.16	8.26	1.73	9.99	-10.19	0.70	10.06	8.26	0.57	8.83
5240	40	0.00	-9.17	0.80	10.16	8.26	1.79	10.05	-10.00	0.70	10.06	8.26	0.76	9.02
5260	37	0.00	-9.40	0.80	10.16	8.26	1.56	9.82	-10.10	0.70	10.06	8.26	0.66	8.92
5300	38	0.00	-9.83	0.80	10.16	8.26	1.13	9.39	-9.46	0.70	10.06	8.26	1.30	9.56
5320	40	0.00	-9.55	0.80	10.16	8.26	1.41	9.67	-9.24	0.70	10.06	8.26	1.52	9.78
5500	37	0.00	-6.72	0.90	10.17	8.26	4.35	12.61	-6.28	0.80	10.07	8.26	4.59	12.85
5580	38	0.00	-6.73	0.90	10.17	8.26	4.34	12.60	-6.38	0.80	10.07	8.26	4.49	12.75
5700	40	0.00	-6.58	0.90	10.17	8.26	4.49	12.75	-7.07	0.80	10.07	8.26	3.80	12.06
5720	40	0.00	-6.33	0.90	10.17	8.26	4.74	13.00	-7.20	0.80	10.07	8.26	3.67	11.93
5745	37	0.00	-6.25	0.90	10.18	8.26	4.83	13.09	-6.83	0.80	10.07	8.26	4.04	12.30
5785	38	0.00	-6.19	0.90	10.18	8.26	4.89	13.15	-6.88	0.80	10.07	8.26	3.99	12.25
5825	40	0.00	-6.24	0.90	10.18	8.26	4.84	13.10	-6.96	0.80	10.07	8.26	3.91	12.17

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-20 [106-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	53	-	18.155	3.32	2.26	***5.58***	***7.47***	21.71	14.24	22.25	15.15	***37.40***	***15.73***	29.97	14.24	7
5220	53	-	18.182	3.05	2.45	5.50	7.41	21.71	14.30	20.44	16.46	36.89	15.67	29.97	14.30	7
5240	54	-	18.126	2.96	2.51	5.47	7.38	21.71	14.33	19.88	16.80	36.68	15.64	29.97	14.33	7
5260	53	19.684	18.183	2.78	2.42	5.20	7.16	21.67	14.51	18.64	16.20	34.83	15.42	29.97	14.55	7
5300	53	19.638	18.159	2.80	2.76	***5.56***	***7.45***	21.66	14.21	18.77	18.51	***37.28***	***15.71***	29.97	14.26	7
5320	54	19.706	18.126	2.71	2.82	5.54	7.43	21.68	14.25	18.17	18.94	37.11	15.70	29.97	14.27	7
5500	53	19.655	18.149	5.37	5.61	10.98	10.41	21.67	11.26	36.01	37.62	73.62	18.67	29.97	11.30	13
5580	53	19.655	18.171	5.20	5.21	10.41	10.18	21.67	11.49	34.87	34.95	69.81	18.44	29.97	11.53	12
5700	54	19.723	18.114	5.90	5.26	***11.16***	***10.48***	21.68	11.20	39.57	35.27	***74.84***	***18.74***	29.97	11.23	12
5720	54	19.829	18.126	5.94	5.14	11.08	10.45	21.70	11.25	39.85	34.47	74.31	18.71	29.97	11.26	12
5745	53	-	18.187	5.98	5.14	***11.12***	***10.46***	27.73	17.27	40.12	34.47	***74.59***	***18.73***	36.00	17.27	12
5785	53	-	18.168	5.90	4.88	10.78	10.33	27.73	17.40	39.57	32.69	72.26	18.59	36.00	17.41	11
5825	54	-	18.141	5.89	4.83	10.72	10.30	27.73	17.43	39.48	32.39	71.87	18.57	36.00	17.43	12

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	53	0.00	-5.75	0.80	10.16	8.26	5.21	13.47	-7.22	0.70	10.06	8.26	3.54	11.80
5220	53	0.00	-6.12	0.80	10.16	8.26	4.84	13.10	-6.86	0.70	10.06	8.26	3.90	12.16
5240	54	0.00	-6.24	0.80	10.16	8.26	4.72	12.98	-6.77	0.70	10.06	8.26	3.99	12.25
5260	53	0.00	-6.52	0.80	10.16	8.26	4.44	12.70	-6.93	0.70	10.06	8.26	3.83	12.09
5300	53	0.00	-6.49	0.80	10.16	8.26	4.47	12.73	-6.35	0.70	10.06	8.26	4.41	12.67
5320	54	0.00	-6.63	0.80	10.16	8.26	4.33	12.59	-6.25	0.70	10.06	8.26	4.51	12.77
5500	53	0.00	-3.77	0.90	10.17	8.26	7.30	15.56	-3.38	0.80	10.07	8.26	7.49	15.75
5580	53	0.00	-3.91	0.90	10.17	8.26	7.16	15.42	-3.70	0.80	10.07	8.26	7.17	15.43
5700	54	0.00	-3.36	0.90	10.17	8.26	7.71	15.97	-3.66	0.80	10.07	8.26	7.21	15.47
5720	54	0.00	-3.33	0.90	10.17	8.26	7.74	16.00	-3.76	0.80	10.07	8.26	7.11	15.37
5745	53	0.00	-3.31	0.90	10.18	8.26	7.77	16.03	-3.76	0.80	10.07	8.26	7.11	15.37
5785	53	0.00	-3.37	0.90	10.18	8.26	7.71	15.97	-3.99	0.80	10.07	8.26	6.88	15.14
5825	54	0.00	-3.38	0.90	10.18	8.26	7.70	15.96	-4.03	0.80	10.07	8.26	6.84	15.10

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-20 [242-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5180	61	-	18.904	5.43	3.68	9.11	9.60	21.71	12.11	36.42	24.68	61.11	17.86	29.97	12.11	12
5220	61	-	18.894	5.12	4.04	9.15	9.62	21.71	12.09	34.31	27.06	61.37	17.88	29.97	12.09	12
5240	61	-	18.898	4.98	4.22	***9.19***	***9.64***	21.71	12.07	33.37	28.27	***61.65***	***17.90***	29.97	12.07	12
5260	61	20.003	18.902	4.89	4.19	9.07	9.58	21.71	12.13	32.76	28.08	60.84	17.84	29.97	12.13	12
5300	61	19.872	18.899	4.67	4.75	9.42	9.74	21.71	11.97	31.29	31.87	63.16	18.00	29.97	11.97	12
5320	61	19.944	18.898	4.57	4.91	***9.48***	***9.77***	21.71	11.94	30.65	32.91	***63.56***	***18.03***	29.97	11.94	12
5500	61	19.890	18.896	8.95	9.57	18.53	12.68	21.71	9.03	60.03	64.18	124.21	20.94	29.97	9.03	18
5580	61	19.960	18.899	9.10	9.04	18.14	12.59	21.71	9.12	61.01	60.59	121.60	20.85	29.97	9.12	17
5700	61	19.930	18.898	10.40	9.27	***19.67***	***12.94***	21.71	8.77	69.73	62.14	***131.87***	***21.20***	29.97	8.77	17
5720	61	19.920	18.893	10.33	9.10	19.43	12.88	21.71	8.83	69.25	61.01	130.25	21.15	29.97	8.82	17
5745	61	-	18.902	10.28	8.85	***19.13***	***12.82***	27.73	14.91	68.93	59.35	***128.27***	***21.08***	36.00	14.92	17
5785	61	-	18.904	10.09	8.45	18.55	12.68	27.73	15.05	67.67	56.67	124.34	20.95	36.00	15.05	16
5825	61	-	18.897	10.21	8.39	18.60	12.70	27.73	15.03	68.45	56.28	124.74	20.96	36.00	15.04	17

			Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5180	61	0.00	-3.61	0.80	10.16	8.26	7.35	15.61	-5.10	0.70	10.06	8.26	5.66	13.92
5220	61	0.00	-3.87	0.80	10.16	8.26	7.09	15.35	-4.70	0.70	10.06	8.26	6.06	14.32
5240	61	0.00	-3.99	0.80	10.16	8.26	6.97	15.23	-4.51	0.70	10.06	8.26	6.25	14.51
5260	61	0.00	-4.07	0.80	10.16	8.26	6.89	15.15	-4.54	0.70	10.06	8.26	6.22	14.48
5300	61	0.00	-4.27	0.80	10.16	8.26	6.69	14.95	-3.99	0.70	10.06	8.26	6.77	15.03
5320	61	0.00	-4.36	0.80	10.16	8.26	6.60	14.86	-3.85	0.70	10.06	8.26	6.91	15.17
5500	61	0.00	-1.55	0.90	10.17	8.26	9.52	17.78	-1.06	0.80	10.07	8.26	9.81	18.07
5580	61	0.00	-1.48	0.90	10.17	8.26	9.59	17.85	-1.31	0.80	10.07	8.26	9.56	17.82
5700	61	0.00	-0.90	0.90	10.17	8.26	10.17	18.43	-1.20	0.80	10.07	8.26	9.67	17.93
5720	61	0.00	-0.93	0.90	10.17	8.26	10.14	18.40	-1.28	0.80	10.07	8.26	9.59	17.85
5745	61	0.00	-0.96	0.90	10.18	8.26	10.12	18.38	-1.40	0.80	10.07	8.26	9.47	17.73
5785	61	0.00	-1.04	0.90	10.18	8.26	10.04	18.30	-1.60	0.80	10.07	8.26	9.27	17.53
5825	61	0.00	-0.99	0.90	10.18	8.26	10.09	18.35	-1.63	0.80	10.07	8.26	9.24	17.50

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 24, 2024
Temperature / Humidity	24 deg. C / 35 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx 11ac-40

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	-	36.139	7.53	5.35	***12.88***	***11.10***	21.71	10.61	50.51	35.84	***86.35***	***19.36***	29.97	10.61	16
5230	-	36.131	7.10	5.78	12.88	11.10	21.71	10.61	47.58	38.76	86.34	19.36	29.97	10.61	16
5270	38.689	36.080	9.71	8.93	***18.64***	***12.70***	21.71	9.01	65.07	59.89	***124.97***	***20.97***	29.97	9.00	19
5310	38.716	36.100	8.85	9.48	18.34	12.63	21.71	9.08	59.35	63.59	122.94	20.90	29.97	9.07	19
5510	38.766	36.148	9.53	9.25	***18.77***	***12.74***	21.71	8.97	63.88	62.00	125.88	21.00	29.97	8.97	19
5550	38.757	36.107	9.35	8.97	18.33	12.63	21.71	9.08	62.72	60.17	***122.89***	***20.90***	29.97	9.07	19
5670	38.642	36.133	9.77	8.75	18.52	12.68	21.71	9.03	65.52	58.67	124.19	20.94	29.97	9.03	18
5710	38.740	36.086	9.98	8.24	18.22	12.61	21.71	9.10	66.89	55.26	122.15	20.87	29.97	9.10	18
5755	-	36.122	9.95	8.49	***18.45***	***12.66***	27.73	15.07	66.74	56.94	***123.68***	***20.92***	36.00	15.08	18
5795	-	36.085	9.82	8.30	18.12	12.58	27.73	15.15	65.82	55.64	121.47	20.84	36.00	15.16	17

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	0.00	-2.19	0.80	10.16	8.26	8.77	17.03	-3.48	0.70	10.06	8.26	7.28	15.54
5230	0.00	-2.45	0.80	10.16	8.26	8.51	16.77	-3.14	0.70	10.06	8.26	7.62	15.88
5270	0.00	-1.09	0.80	10.16	8.26	9.87	18.13	-1.25	0.70	10.06	8.26	9.51	17.77
5310	0.00	-1.49	0.80	10.16	8.26	9.47	17.73	-0.99	0.70	10.06	8.26	9.77	18.03
5510	0.00	-1.28	0.90	10.17	8.26	9.79	18.05	-1.21	0.80	10.07	8.26	9.66	17.92
5550	0.00	-1.36	0.90	10.17	8.26	9.71	17.97	-1.34	0.80	10.07	8.26	9.53	17.79
5670	0.00	-1.17	0.90	10.17	8.26	9.90	18.16	-1.45	0.80	10.07	8.26	9.42	17.68
5710	0.00	-1.08	0.90	10.17	8.26	9.99	18.25	-1.71	0.80	10.07	8.26	9.16	17.42
5755	0.00	-1.10	0.90	10.18	8.26	9.98	18.24	-1.58	0.80	10.07	8.26	9.29	17.55
5795	0.00	-1.16	0.90	10.18	8.26	9.92	18.18	-1.68	0.80	10.07	8.26	9.19	17.45

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 24, 2024
Temperature / Humidity	24 deg. C / 35 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx 11be-40 [OFDM]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	-	37.875	7.89	5.22	***13.11***	***11.18***	21.71	10.53	52.89	35.03	***87.92***	***19.44***	29.97	10.53	15
5230	-	37.846	7.91	4.99	12.90	11.10	21.71	10.61	53.01	33.45	86.46	19.37	29.97	10.60	15
5270	39.797	37.802	8.05	5.28	***13.34***	***11.25***	21.71	10.46	54.00	35.43	***89.43***	***19.51***	29.97	10.46	15
5310	39.573	37.840	7.41	5.82	13.23	11.22	21.71	10.49	49.70	39.03	88.73	19.48	29.97	10.49	15
5510	39.642	37.825	9.77	9.27	***19.04***	***12.80***	21.71	8.91	65.52	62.14	***127.67***	***21.06***	29.97	8.91	18
5550	39.616	37.788	9.14	9.40	18.54	12.68	21.71	9.03	61.29	63.01	124.30	20.94	29.97	9.03	17
5670	39.532	37.757	9.91	8.89	18.80	12.74	21.71	8.97	66.43	59.62	126.05	21.01	29.97	8.96	17
5710	39.696	37.836	10.00	8.49	18.49	12.67	21.71	9.04	67.05	56.94	123.98	20.93	29.97	9.04	17
5755	-	37.813	10.76	8.69	***19.45***	***12.89***	27.73	14.84	72.18	58.26	***130.44***	***21.15***	36.00	14.85	18
5795	-	37.842	10.84	8.57	19.41	12.88	27.73	14.85	72.68	57.46	130.14	21.14	36.00	14.86	17

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	0.00	-1.99	0.80	10.16	8.26	8.97	17.23	-3.58	0.70	10.06	8.26	7.18	15.44
5230	0.00	-1.98	0.80	10.16	8.26	8.98	17.24	-3.78	0.70	10.06	8.26	6.98	15.24
5270	0.00	-1.90	0.80	10.16	8.26	9.06	17.32	-3.53	0.70	10.06	8.26	7.23	15.49
5310	0.00	-2.26	0.80	10.16	8.26	8.70	16.96	-3.11	0.70	10.06	8.26	7.65	15.91
5510	0.00	-1.17	0.90	10.17	8.26	9.90	18.16	-1.20	0.80	10.07	8.26	9.67	17.93
5550	0.00	-1.46	0.90	10.17	8.26	9.61	17.87	-1.14	0.80	10.07	8.26	9.73	17.99
5670	0.00	-1.11	0.90	10.17	8.26	9.96	18.22	-1.38	0.80	10.07	8.26	9.49	17.75
5710	0.00	-1.07	0.90	10.17	8.26	10.00	18.26	-1.58	0.80	10.07	8.26	9.29	17.55
5755	0.00	-0.76	0.90	10.18	8.26	10.32	18.58	-1.48	0.80	10.07	8.26	9.39	17.65
5795	0.00	-0.73	0.90	10.18	8.26	10.35	18.61	-1.54	0.80	10.07	8.26	9.33	17.59

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-40 [26-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	0	-	18.025	0.87	0.50	1.38	1.38	21.71	20.33	5.87	3.35	9.22	9.65	29.97	20.32	-5
5230	17	-	18.004	0.85	0.53	***1.38***	***1.40***	21.71	20.31	5.68	3.58	***9.26***	***9.67***	29.97	20.30	-5
5270	0	19.281	18.014	0.88	0.52	***1.40***	***1.46***	21.58	20.12	5.92	3.47	***9.39***	***9.73***	29.97	20.24	-5
5310	17	19.034	17.888	0.79	0.60	1.39	1.43	21.53	20.10	5.31	4.00	9.32	9.69	29.97	20.28	-5
5510	0	19.406	17.995	1.37	1.29	2.66	4.25	21.61	17.36	9.17	8.66	17.83	12.51	29.97	17.46	1
5550	8	21.802	20.009	1.40	1.34	2.74	4.37	21.71	17.34	9.36	8.98	18.34	12.64	29.97	17.33	0
5670	17	19.278	18.028	1.50	1.30	***2.80***	***4.47***	21.58	17.11	10.06	8.72	***18.77***	***12.74***	29.97	17.23	0
5710	17	19.155	17.991	1.37	1.17	2.54	4.05	21.55	17.50	9.19	7.86	17.05	12.32	29.97	17.65	0
5755	0	-	18.017	1.49	1.08	2.57	4.10	27.73	23.63	10.01	7.23	17.24	12.37	36.00	23.63	0
5795	17	-	17.970	1.63	1.19	***2.81***	***4.49***	27.73	23.24	10.90	7.95	***18.85***	***12.75***	36.00	23.25	0

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	0	0.00	-11.54	0.80	10.16	8.26	-0.58	7.68	-13.77	0.70	10.06	8.26	-3.01	5.25
5230	17	0.00	-11.68	0.80	10.16	8.26	-0.72	7.54	-13.48	0.70	10.06	8.26	-2.72	5.54
5270	0	0.00	-11.50	0.80	10.16	8.26	-0.54	7.72	-13.62	0.70	10.06	8.26	-2.86	5.40
5310	17	0.00	-11.97	0.80	10.16	8.26	-1.01	7.25	-13.00	0.70	10.06	8.26	-2.24	6.02
5510	0	0.00	-9.71	0.90	10.17	8.26	1.36	9.62	-9.76	0.80	10.07	8.26	1.11	9.37
5550	8	0.00	-9.62	0.90	10.17	8.26	1.45	9.71	-9.60	0.80	10.07	8.26	1.27	9.53
5670	17	0.00	-9.31	0.90	10.17	8.26	1.76	10.02	-9.73	0.80	10.07	8.26	1.14	9.40
5710	17	0.00	-9.70	0.90	10.17	8.26	1.37	9.63	-10.18	0.80	10.07	8.26	0.69	8.95
5755	0	0.00	-9.34	0.90	10.18	8.26	1.74	10.00	-10.54	0.80	10.07	8.26	0.33	8.59
5795	17	0.00	-8.97	0.90	10.18	8.26	2.11	10.37	-10.13	0.80	10.07	8.26	0.74	9.00

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-40 [52-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	37	-	17.932	1.68	1.05	***2.73***	***4.36***	21.71	17.35	11.26	7.04	***18.29***	***12.62***	29.97	17.35	1
5230	44	-	17.850	1.66	1.05	2.70	4.32	21.71	17.39	11.10	7.02	18.12	12.58	29.97	17.39	1
5270	37	19.394	17.868	1.68	1.12	***2.80***	***4.47***	21.61	17.14	11.26	7.51	***18.76***	***12.73***	29.97	17.24	1
5310	44	19.441	17.848	1.50	1.13	2.63	4.20	21.62	17.42	10.08	7.56	17.64	12.46	29.97	17.51	1
5510	37	19.517	17.914	2.91	2.70	***5.61***	***7.49***	21.64	14.15	19.52	18.09	***37.60***	***15.75***	29.97	14.22	7
5550	40	22.994	19.936	2.70	2.79	5.50	7.40	21.71	14.31	18.13	18.72	36.85	15.66	29.97	14.31	6
5670	44	19.649	17.884	3.00	2.34	5.34	7.27	21.66	14.39	20.11	15.68	35.79	15.54	29.97	14.43	6
5710	44	19.698	17.919	2.92	2.33	5.26	7.21	21.68	14.47	19.61	15.65	35.25	15.47	29.97	14.50	6
5755	37	-	17.878	3.10	2.39	***5.49***	***7.39***	27.73	20.34	20.77	16.01	***36.78***	***15.66***	36.00	20.34	6
5795	44	-	17.867	3.20	2.27	5.47	7.38	27.73	20.35	21.45	15.22	36.67	15.64	36.00	20.36	6

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	37	0.00	-8.71	0.80	10.16	8.26	2.25	10.51	-10.55	0.70	10.06	8.26	0.21	8.47
5230	44	0.00	-8.77	0.80	10.16	8.26	2.19	10.45	-10.56	0.70	10.06	8.26	0.20	8.46
5270	37	0.00	-8.71	0.80	10.16	8.26	2.25	10.51	-10.27	0.70	10.06	8.26	0.49	8.75
5310	44	0.00	-9.19	0.80	10.16	8.26	1.77	10.03	-10.24	0.70	10.06	8.26	0.52	8.78
5510	37	0.00	-6.43	0.90	10.17	8.26	4.64	12.90	-6.56	0.80	10.07	8.26	4.31	12.57
5550	40	0.00	-6.75	0.90	10.17	8.26	4.32	12.58	-6.41	0.80	10.07	8.26	4.46	12.72
5670	44	0.00	-6.30	0.90	10.17	8.26	4.77	13.03	-7.18	0.80	10.07	8.26	3.69	11.95
5710	44	0.00	-6.41	0.90	10.17	8.26	4.66	12.92	-7.19	0.80	10.07	8.26	3.68	11.94
5755	37	0.00	-6.17	0.90	10.18	8.26	4.91	13.17	-7.09	0.80	10.07	8.26	3.78	12.04
5795	44	0.00	-6.03	0.90	10.18	8.26	5.05	13.31	-7.31	0.80	10.07	8.26	3.56	11.82

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-40 [106-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	53	-	17.794	3.30	2.11	***5.42***	***7.34***	21.71	14.37	22.15	14.17	***36.32***	***15.60***	29.97	14.37	7
5230	56	-	17.810	3.17	2.08	5.25	7.20	21.71	14.51	21.25	13.98	35.23	15.47	29.97	14.50	7
5270	53	19.769	17.781	3.35	2.21	***5.56***	***7.45***	21.69	14.24	22.46	14.80	***37.26***	***15.71***	29.97	14.26	7
5310	56	19.792	17.856	2.98	2.30	5.27	7.22	21.70	14.48	19.97	15.40	35.37	15.49	29.97	14.48	7
5510	53	19.806	17.766	5.33	5.20	***10.53***	***10.23***	21.70	11.47	35.76	34.87	***70.62***	***18.49***	29.97	11.48	13
5550	54	23.869	18.856	5.09	5.38	10.48	10.20	21.71	11.51	34.15	36.09	70.24	18.47	29.97	11.50	12
5670	56	19.553	17.780	5.85	4.68	10.53	10.22	21.64	11.42	39.21	31.36	70.57	18.49	29.97	11.48	12
5710	56	19.877	17.782	5.71	4.66	10.37	10.16	21.71	11.55	38.32	31.22	69.53	18.42	29.97	11.55	12
5755	53	-	17.784	5.75	4.60	10.36	10.15	27.73	17.58	38.58	30.86	69.44	18.42	36.00	17.58	12
5795	56	-	17.781	6.40	4.63	***11.03***	***10.43***	27.73	17.30	42.89	31.07	***73.97***	***18.69***	36.00	17.31	12

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	53	0.00	-5.77	0.80	10.16	8.26	5.19	13.45	-7.51	0.70	10.06	8.26	3.25	11.51
5230	56	0.00	-5.95	0.80	10.16	8.26	5.01	13.27	-7.57	0.70	10.06	8.26	3.19	11.45
5270	53	0.00	-5.71	0.80	10.16	8.26	5.25	13.51	-7.32	0.70	10.06	8.26	3.44	11.70
5310	56	0.00	-6.22	0.80	10.16	8.26	4.74	13.00	-7.15	0.70	10.06	8.26	3.61	11.87
5510	53	0.00	-3.80	0.90	10.17	8.26	7.27	15.53	-3.71	0.80	10.07	8.26	7.16	15.42
5550	54	0.00	-4.00	0.90	10.17	8.26	7.07	15.33	-3.56	0.80	10.07	8.26	7.31	15.57
5670	56	0.00	-3.40	0.90	10.17	8.26	7.67	15.93	-4.17	0.80	10.07	8.26	6.70	14.96
5710	56	0.00	-3.50	0.90	10.17	8.26	7.57	15.83	-4.19	0.80	10.07	8.26	6.68	14.94
5755	53	0.00	-3.48	0.90	10.18	8.26	7.60	15.86	-4.24	0.80	10.07	8.26	6.63	14.89
5795	56	0.00	-3.02	0.90	10.18	8.26	8.06	16.32	-4.21	0.80	10.07	8.26	6.66	14.92

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-40 [242-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	61	-	19.188	5.79	3.71	***9.50***	***9.78***	21.71	11.93	38.85	24.85	***63.70***	***18.04***	29.97	11.93	12
5230	62	-	19.009	5.65	3.67	9.32	9.70	21.71	12.01	37.88	24.63	62.50	17.96	29.97	12.01	12
5270	61	25.486	19.001	5.89	3.85	***9.74***	***9.89***	21.71	11.82	39.48	25.85	***65.33***	***18.15***	29.97	11.82	12
5310	62	29.388	19.078	5.41	3.95	9.36	9.71	21.71	12.00	36.26	26.51	62.77	17.98	29.97	11.99	12
5510	61	28.278	18.962	9.66	9.31	***18.97***	***12.78***	21.71	8.93	64.77	62.43	***127.20***	***21.04***	29.97	8.93	18
5550	61	26.958	19.035	8.89	8.95	17.85	12.52	21.71	9.19	59.62	60.03	119.65	20.78	29.97	9.19	17
5670	62	27.275	19.012	9.73	8.49	18.22	12.61	21.71	9.10	65.22	56.94	122.16	20.87	29.97	9.10	17
5710	62	27.843	19.079	9.68	8.38	18.06	12.57	21.71	9.14	64.92	56.16	121.08	20.83	29.97	9.14	17
5755	61	-	19.015	10.81	8.55	***19.37***	***12.87***	27.73	14.86	72.51	57.33	***129.84***	***21.13***	36.00	14.87	18
5795	62	-	19.171	10.94	8.32	19.26	12.85	27.73	14.88	73.35	55.77	129.12	21.11	36.00	14.89	17

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	61	0.00	-3.33	0.80	10.16	8.26	7.63	15.89	-5.07	0.70	10.06	8.26	5.69	13.95
5230	62	0.00	-3.44	0.80	10.16	8.26	7.52	15.78	-5.11	0.70	10.06	8.26	5.65	13.91
5270	61	0.00	-3.26	0.80	10.16	8.26	7.70	15.96	-4.90	0.70	10.06	8.26	5.86	14.12
5310	62	0.00	-3.63	0.80	10.16	8.26	7.33	15.59	-4.79	0.70	10.06	8.26	5.97	14.23
5510	61	0.00	-1.22	0.90	10.17	8.26	9.85	18.11	-1.18	0.80	10.07	8.26	9.69	17.95
5550	61	0.00	-1.58	0.90	10.17	8.26	9.49	17.75	-1.35	0.80	10.07	8.26	9.52	17.78
5670	62	0.00	-1.19	0.90	10.17	8.26	9.88	18.14	-1.58	0.80	10.07	8.26	9.29	17.55
5710	62	0.00	-1.21	0.90	10.17	8.26	9.86	18.12	-1.64	0.80	10.07	8.26	9.23	17.49
5755	61	0.00	-0.74	0.90	10.18	8.26	10.34	18.60	-1.55	0.80	10.07	8.26	9.32	17.58
5795	62	0.00	-0.69	0.90	10.18	8.26	10.39	18.65	-1.67	0.80	10.07	8.26	9.20	17.46

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 26, 2024
Temperature / Humidity	22 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-40 [484-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5190	65	-	37.806	7.41	5.25	12.66	11.02	21.71	10.69	49.70	35.19	84.89	19.29	29.97	10.68	15
5230	65	-	37.870	7.82	5.01	***12.83***	***11.08***	21.71	10.63	52.41	33.60	***86.01***	***19.35***	29.97	10.62	15
5270	65	39.507	37.876	7.91	5.20	***13.11***	***11.17***	21.71	10.54	53.01	34.87	***87.88***	***19.44***	29.97	10.53	15
5310	65	39.688	37.822	7.29	5.48	12.78	11.06	21.71	10.65	48.91	36.76	85.67	19.33	29.97	10.64	15
5510	65	39.750	37.764	9.55	9.18	***18.73***	***12.73***	21.71	8.98	64.03	61.57	***125.60***	***20.99***	29.97	8.98	18
5550	65	39.566	37.838	8.97	8.97	17.95	12.54	21.71	9.17	60.17	60.17	120.34	20.80	29.97	9.17	17
5670	65	39.503	37.780	9.53	8.41	17.94	12.54	21.71	9.17	63.88	56.41	120.30	20.80	29.97	9.17	17
5710	65	39.707	37.778	9.51	8.53	18.04	12.56	21.71	9.15	63.74	57.20	120.94	20.83	29.97	9.14	17
5755	65	-	37.798	10.74	8.59	19.33	12.86	27.73	14.87	72.01	57.60	129.61	21.13	36.00	14.87	18
5795	65	-	37.849	10.89	8.45	***19.34***	***12.87***	27.73	14.86	73.01	56.67	***129.69***	***21.13***	36.00	14.87	17

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5190	65	0.00	-2.26	0.80	10.16	8.26	8.70	16.96	-3.56	0.70	10.06	8.26	7.20	15.46
5230	65	0.00	-2.03	0.80	10.16	8.26	8.93	17.19	-3.76	0.70	10.06	8.26	7.00	15.26
5270	65	0.00	-1.98	0.80	10.16	8.26	8.98	17.24	-3.60	0.70	10.06	8.26	7.16	15.42
5310	65	0.00	-2.33	0.80	10.16	8.26	8.63	16.89	-3.37	0.70	10.06	8.26	7.39	15.65
5510	65	0.00	-1.27	0.90	10.17	8.26	9.80	18.06	-1.24	0.80	10.07	8.26	9.63	17.89
5550	65	0.00	-1.54	0.90	10.17	8.26	9.53	17.79	-1.34	0.80	10.07	8.26	9.53	17.79
5670	65	0.00	-1.28	0.90	10.17	8.26	9.79	18.05	-1.62	0.80	10.07	8.26	9.25	17.51
5710	65	0.00	-1.29	0.90	10.17	8.26	9.78	18.04	-1.56	0.80	10.07	8.26	9.31	17.57
5755	65	0.00	-0.77	0.90	10.18	8.26	10.31	18.57	-1.53	0.80	10.07	8.26	9.34	17.60
5795	65	0.00	-0.71	0.90	10.18	8.26	10.37	18.63	-1.60	0.80	10.07	8.26	9.27	17.53

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 24, 2024
Temperature / Humidity	24 deg. C / 35 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx 11ac-80

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	-	75.740	7.33	5.70	***13.03***	***11.15***	21.71	10.56	49.13	38.23	***87.36***	***19.41***	29.97	10.56	17
5290	79.222	75.666	9.10	9.27	***18.37***	***12.64***	21.71	9.07	61.01	62.14	***123.15***	***20.90***	29.97	9.07	19
5530	79.064	75.708	9.77	8.97	***18.75***	***12.73***	21.71	8.98	65.52	60.17	***125.69***	***20.99***	29.97	8.98	19
5610	79.112	75.684	9.75	8.81	18.56	12.69	21.71	9.02	65.37	59.07	124.44	20.95	29.97	9.02	18
5690	79.212	75.730	9.91	8.79	18.70	12.72	21.71	8.99	66.43	58.94	125.37	20.98	29.97	8.99	18
5775	-	75.665	10.19	8.47	***18.66***	***12.71***	27.73	15.02	68.30	56.81	***125.10***	***20.97***	36.00	15.03	18

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	0.00	-2.31	0.80	10.16	8.26	8.65	16.91	-3.20	0.70	10.06	8.26	7.56	15.82
5290	0.00	-1.37	0.80	10.16	8.26	9.59	17.85	-1.09	0.70	10.06	8.26	9.67	17.93
5530	0.00	-1.17	0.90	10.17	8.26	9.90	18.16	-1.34	0.80	10.07	8.26	9.53	17.79
5610	0.00	-1.18	0.90	10.17	8.26	9.89	18.15	-1.42	0.80	10.07	8.26	9.45	17.71
5690	0.00	-1.11	0.90	10.17	8.26	9.96	18.22	-1.43	0.80	10.07	8.26	9.44	17.70
5775	0.00	-1.00	0.90	10.18	8.26	10.08	18.34	-1.59	0.80	10.07	8.26	9.28	17.54

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 25, 2024
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [OFDM]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	-	77.539	8.22	5.18	***13.40***	***11.27***	21.71	10.44	55.13	34.70	***89.84***	***19.53***	29.97	10.44	15
5290	80.062	77.446	7.76	5.35	***13.11***	***11.18***	21.71	10.53	52.05	35.84	***87.89***	***19.44***	29.97	10.53	15
5530	80.078	77.410	9.84	9.38	19.22	12.84	21.71	8.87	65.98	62.86	128.84	21.10	29.97	8.87	18
5610	80.082	77.474	10.26	9.57	***19.83***	***12.97***	21.71	8.74	68.77	64.18	***132.95***	***21.24***	29.97	8.73	18
5690	80.012	77.373	9.95	8.77	18.72	12.72	21.71	8.99	66.74	58.80	125.54	20.99	29.97	8.98	17
5775	-	77.388	11.17	8.75	***19.92***	***12.99***	27.73	14.74	74.88	58.67	***133.55***	***21.26***	36.00	14.74	18

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	0.00	-1.81	0.80	10.16	8.26	9.15	17.41	-3.62	0.70	10.06	8.26	7.14	15.40
5290	0.00	-2.06	0.80	10.16	8.26	8.90	17.16	-3.48	0.70	10.06	8.26	7.28	15.54
5530	0.00	-1.14	0.90	10.17	8.26	9.93	18.19	-1.15	0.80	10.07	8.26	9.72	17.98
5610	0.00	-0.96	0.90	10.17	8.26	10.11	18.37	-1.06	0.80	10.07	8.26	9.81	18.07
5690	0.00	-1.09	0.90	10.17	8.26	9.98	18.24	-1.44	0.80	10.07	8.26	9.43	17.69
5775	0.00	-0.60	0.90	10.18	8.26	10.48	18.74	-1.45	0.80	10.07	8.26	9.42	17.68

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [26-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	0	-	18.613	0.91	0.50	***1.41***	***1.49***	21.71	20.22	6.07	3.38	***9.46***	***9.76***	29.97	20.21	-5
5290	36	19.960	18.598	0.86	0.54	***1.41***	***1.48***	21.71	20.23	5.79	3.65	***9.44***	***9.75***	29.97	20.22	-5
5530	0	20.035	18.548	1.35	1.20	2.55	4.07	21.71	17.64	9.07	8.04	17.11	12.33	29.97	17.64	0
5610	36	20.593	18.623	1.49	1.28	***2.77***	***4.42***	21.71	17.29	9.96	8.60	***18.56***	***12.69***	29.97	17.28	0
5690	36	20.182	18.633	1.44	1.17	2.60	4.15	21.71	17.56	9.62	7.82	17.45	12.42	29.97	17.55	0
5775	0	-	18.571	1.50	1.13	***2.62***	***4.19***	27.73	23.54	10.03	7.56	***17.59***	***12.45***	36.00	23.55	0

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	0	0.00	-11.39	0.80	10.16	8.26	-0.43	7.83	-13.73	0.70	10.06	8.26	-2.97	5.29
5290	36	0.00	-11.60	0.80	10.16	8.26	-0.64	7.62	-13.40	0.70	10.06	8.26	-2.64	5.62
5530	0	0.00	-9.76	0.90	10.17	8.26	1.31	9.57	-10.08	0.80	10.07	8.26	0.79	9.05
5610	36	0.00	-9.35	0.90	10.17	8.26	1.72	9.98	-9.79	0.80	10.07	8.26	1.08	9.34
5690	36	0.00	-9.50	0.90	10.17	8.26	1.57	9.83	-10.20	0.80	10.07	8.26	0.67	8.93
5775	0	0.00	-9.33	0.90	10.18	8.26	1.75	10.01	-10.35	0.80	10.07	8.26	0.52	8.78

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [52-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	37	-	18.408	1.73	1.00	***2.73***	***4.36***	21.71	17.35	11.57	6.74	***18.31***	***12.63***	29.97	17.34	1
5290	52	20.939	18.575	1.66	1.15	***2.81***	***4.49***	21.71	17.22	11.10	7.73	***18.84***	***12.75***	29.97	17.22	1
5530	37	21.420	18.507	2.52	2.51	5.04	7.02	21.71	14.69	16.92	16.84	33.76	15.28	29.97	14.69	6
5610	52	21.057	18.456	2.74	2.55	5.29	7.23	21.71	14.48	18.34	17.12	35.46	15.50	29.97	14.47	6
5690	52	20.971	18.562	3.14	2.38	***5.52***	***7.42***	21.71	14.29	21.06	15.94	***36.99***	***15.68***	29.97	14.29	6
5775	37	-	18.511	3.22	2.33	***5.55***	***7.44***	27.73	20.29	21.60	15.61	***37.21***	***15.71***	36.00	20.29	6

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	37	0.00	-8.59	0.80	10.16	8.26	2.37	10.63	-10.74	0.70	10.06	8.26	0.02	8.28
5290	52	0.00	-8.77	0.80	10.16	8.26	2.19	10.45	-10.14	0.70	10.06	8.26	0.62	8.88
5530	37	0.00	-7.05	0.90	10.17	8.26	4.02	12.28	-6.87	0.80	10.07	8.26	4.00	12.26
5610	52	0.00	-6.70	0.90	10.17	8.26	4.37	12.63	-6.80	0.80	10.07	8.26	4.07	12.33
5690	52	0.00	-6.10	0.90	10.17	8.26	4.97	13.23	-7.11	0.80	10.07	8.26	3.76	12.02
5775	37	0.00	-6.00	0.90	10.18	8.26	5.08	13.34	-7.20	0.80	10.07	8.26	3.67	11.93

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [106-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	53	-	18.329	3.40	1.89	***5.29***	***7.24***	21.71	14.47	22.82	12.66	***35.48***	***15.50***	29.97	14.47	7
5290	60	21.841	18.367	3.22	2.35	***5.57***	***7.46***	21.71	14.25	21.60	15.75	***37.35***	***15.72***	29.97	14.25	7
5530	53	22.655	18.347	4.92	5.09	10.01	10.01	21.71	11.70	32.99	34.15	67.14	18.27	29.97	11.70	12
5610	60	22.129	18.383	5.43	4.97	10.40	10.17	21.71	11.54	36.42	33.30	69.72	18.43	29.97	11.54	12
5690	60	21.830	18.381	5.93	4.62	***10.55***	***10.23***	21.71	11.48	39.75	31.00	***70.76***	***18.50***	29.97	11.47	12
5775	53	-	18.352	5.77	4.44	***10.20***	***10.09***	27.73	17.64	38.67	29.74	***68.41***	***18.35***	36.00	17.65	12

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	53	0.00	-5.64	0.80	10.16	8.26	5.32	13.58	-8.00	0.70	10.06	8.26	2.76	11.02
5290	60	0.00	-5.88	0.80	10.16	8.26	5.08	13.34	-7.05	0.70	10.06	8.26	3.71	11.97
5530	53	0.00	-4.15	0.90	10.17	8.26	6.92	15.18	-3.80	0.80	10.07	8.26	7.07	15.33
5610	60	0.00	-3.72	0.90	10.17	8.26	7.35	15.61	-3.91	0.80	10.07	8.26	6.96	15.22
5690	60	0.00	-3.34	0.90	10.17	8.26	7.73	15.99	-4.22	0.80	10.07	8.26	6.65	14.91
5775	53	0.00	-3.47	0.90	10.18	8.26	7.61	15.87	-4.40	0.80	10.07	8.26	6.47	14.73

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [242-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	61	-	20.475	5.75	3.32	***9.07***	***9.58***	21.71	12.13	38.58	22.25	***60.84***	***17.84***	29.97	12.13	12
5290	64	29.014	20.160	5.62	4.00	***9.62***	***9.83***	21.71	11.88	37.70	26.82	***64.52***	***18.10***	29.97	11.87	12
5530	61	32.270	20.283	9.82	9.38	19.19	12.83	21.71	8.88	65.82	62.86	128.69	21.10	29.97	8.87	18
5610	64	27.295	19.869	10.23	9.53	***19.76***	***12.96***	21.71	8.75	68.61	63.88	***132.49***	***21.22***	29.97	8.75	18
5690	64	28.044	20.079	9.86	8.38	18.24	12.61	21.71	9.10	66.13	56.16	122.28	20.87	29.97	9.10	17
5775	61	-	20.742	11.07	8.75	***19.82***	***12.97***	27.73	14.76	74.20	58.67	***132.86***	***21.23***	36.00	14.77	18

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	61	0.00	-3.36	0.80	10.16	8.26	7.60	15.86	-5.55	0.70	10.06	8.26	5.21	13.47
5290	64	0.00	-3.46	0.80	10.16	8.26	7.50	15.76	-4.74	0.70	10.06	8.26	6.02	14.28
5530	61	0.00	-1.15	0.90	10.17	8.26	9.92	18.18	-1.15	0.80	10.07	8.26	9.72	17.98
5610	64	0.00	-0.97	0.90	10.17	8.26	10.10	18.36	-1.08	0.80	10.07	8.26	9.79	18.05
5690	64	0.00	-1.13	0.90	10.17	8.26	9.94	18.20	-1.64	0.80	10.07	8.26	9.23	17.49
5775	61	0.00	-0.64	0.90	10.18	8.26	10.44	18.70	-1.45	0.80	10.07	8.26	9.42	17.68

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [484-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	65	-	38.297	7.94	4.69	***12.63***	***11.01***	21.71	10.70	53.26	31.43	***84.69***	***19.28***	29.97	10.69	15
5290	66	53.071	38.547	7.69	5.38	***13.07***	***11.16***	21.71	10.55	51.57	36.09	***87.66***	***19.43***	29.97	10.54	15
5530	65	55.035	38.395	9.66	9.33	18.99	12.79	21.71	8.92	64.77	62.57	127.35	21.05	29.97	8.92	18
5610	66	51.644	38.409	10.12	9.62	***19.73***	***12.95***	21.71	8.76	67.82	64.47	***132.30***	***21.22***	29.97	8.75	18
5690	66	56.560	38.537	9.77	8.45	18.23	12.61	21.71	9.10	65.52	56.67	122.20	20.87	29.97	9.10	17
5775	65	-	38.336	10.99	8.79	***19.78***	***12.96***	27.73	14.77	73.69	58.94	***132.62***	***21.23***	36.00	14.77	18

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Antenna 1 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Antenna 3 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	65	0.00	-1.96	0.80	10.16	8.26	9.00	17.26	-4.05	0.70	10.06	8.26	6.71	14.97
5290	66	0.00	-2.10	0.80	10.16	8.26	8.86	17.12	-3.45	0.70	10.06	8.26	7.31	15.57
5530	65	0.00	-1.22	0.90	10.17	8.26	9.85	18.11	-1.17	0.80	10.07	8.26	9.70	17.96
5610	66	0.00	-1.02	0.90	10.17	8.26	10.05	18.31	-1.04	0.80	10.07	8.26	9.83	18.09
5690	66	0.00	-1.17	0.90	10.17	8.26	9.90	18.16	-1.60	0.80	10.07	8.26	9.27	17.53
5775	65	0.00	-0.67	0.90	10.18	8.26	10.41	18.67	-1.43	0.80	10.07	8.26	9.44	17.70

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-80 [996-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5210	67	-	77.364	7.87	4.76	***12.63***	***11.02***	21.71	10.69	52.77	31.94	***84.71***	***19.28***	29.97	10.69	15
5290	67	80.035	77.442	7.71	5.38	***13.09***	***11.17***	21.71	10.54	51.69	36.09	***87.78***	***19.43***	29.97	10.54	15
5530	67	80.209	77.398	9.73	9.33	19.06	12.80	21.71	8.91	65.22	62.57	127.79	21.07	29.97	8.90	18
5610	67	80.088	77.376	10.28	9.51	***19.79***	***12.96***	21.71	8.75	68.93	63.74	***132.66***	***21.23***	29.97	8.74	18
5690	67	80.174	77.485	9.53	8.45	17.98	12.55	21.71	9.16	63.88	56.67	120.56	20.81	29.97	9.16	17
5775	67	-	77.445	11.09	8.75	***19.84***	***12.98***	27.73	14.75	74.37	58.67	***133.04***	***21.24***	36.00	14.76	18

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5210	67	0.00	-2.00	0.80	10.16	8.26	8.96	17.22	-3.98	0.70	10.06	8.26	6.78	15.04
5290	67	0.00	-2.09	0.80	10.16	8.26	8.87	17.13	-3.45	0.70	10.06	8.26	7.31	15.57
5530	67	0.00	-1.19	0.90	10.17	8.26	9.88	18.14	-1.17	0.80	10.07	8.26	9.70	17.96
5610	67	0.00	-0.95	0.90	10.17	8.26	10.12	18.38	-1.09	0.80	10.07	8.26	9.78	18.04
5690	67	0.00	-1.28	0.90	10.17	8.26	9.79	18.05	-1.60	0.80	10.07	8.26	9.27	17.53
5775	67	0.00	-0.63	0.90	10.18	8.26	10.45	18.71	-1.45	0.80	10.07	8.26	9.42	17.68

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 25, 2024
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11ac-160

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	160.544	154.676	7.11	6.37	***13.48***	***11.30***	21.71	10.41	47.69	42.70	***90.38***	***19.56***	29.97	10.41	15
5570	160.505	154.827	8.95	9.04	***17.99***	***12.55***	21.71	9.16	60.03	60.59	***120.62***	***20.81***	29.97	9.16	17

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0.00	-2.44	0.80	10.16	8.26	8.52	16.78	-2.72	0.70	10.06	8.26	8.04	16.30
5570	0.00	-1.55	0.90	10.17	8.26	9.52	17.78	-1.31	0.80	10.07	8.26	9.56	17.82

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 25, 2024
Temperature / Humidity	24 deg. C / 38 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [OFDM]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	162.139	156.586	7.45	6.55	***13.99***	***11.46***	21.71	10.25	49.93	43.89	***93.83***	***19.72***	29.97	10.25	15
5570	162.220	156.617	9.23	9.48	***18.71***	***12.72***	21.71	8.99	61.86	63.59	***125.45***	***20.98***	29.97	8.99	17

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0.00	-2.24	0.80	10.16	8.26	8.72	16.98	-2.60	0.70	10.06	8.26	8.16	16.42
5570	0.00	-1.42	0.90	10.17	8.26	9.65	17.91	-1.10	0.80	10.07	8.26	9.77	18.03

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [26-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Segment	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	0	0	23.601	27.990	0.83	0.57	***1.41***	***1.48***	21.71	20.23	5.59	3.84	***9.43***	***9.75***	29.97	20.22	-5
5250	1	36	22.439	24.348	0.73	0.67	1.40	1.46	21.71	20.25	4.92	4.46	9.39	9.72	29.97	20.25	-5
5570	0	0	23.286	23.511	1.26	1.36	***2.62***	***4.18***	21.71	17.53	8.44	9.13	***17.57***	***12.45***	29.97	17.52	-1

				Antenna 1						Antenna 3					
Tested Frequency [MHz]	Segment	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0	0	0.00	-11.75	0.80	10.16	8.26	-0.79	7.47	-13.18	0.70	10.06	8.26	-2.42	5.84
5250	1	36	0.00	-12.30	0.80	10.16	8.26	-1.34	6.92	-12.53	0.70	10.06	8.26	-1.77	6.49
5570	0	0	0.00	-10.07	0.90	10.17	8.26	1.00	9.26	-9.53	0.80	10.07	8.26	1.34	9.60

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [52-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Segment	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	0	37	22.630	20.219	1.60	1.19	2.78	4.45	21.71	17.26	10.70	7.97	18.67	12.71	29.97	17.26	1
5250	1	52	22.846	19.715	1.46	1.33	***2.79***	***4.45***	21.71	17.26	9.76	8.92	***18.68***	***12.71***	29.97	17.26	1
5570	0	37	23.604	19.944	2.71	2.84	***5.55***	***7.45***	21.71	14.26	18.17	19.07	***37.24***	***15.71***	29.97	14.26	6

				Antenna 1						Antenna 3					
Tested Frequency [MHz]	Segment	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0	37	0.00	-8.93	0.80	10.16	8.26	2.03	10.29	-10.01	0.70	10.06	8.26	0.75	9.01
5250	1	52	0.00	-9.33	0.80	10.16	8.26	1.63	9.89	-9.52	0.70	10.06	8.26	1.24	9.50
5570	0	37	0.00	-6.74	0.90	10.17	8.26	4.33	12.59	-6.33	0.80	10.07	8.26	4.54	12.80

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [106-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Segment	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	0	53	24.596	19.738	3.14	2.42	5.56	7.45	21.71	14.26	21.06	16.23	37.29	15.72	29.97	14.25	7
5250	1	60	26.297	20.882	2.89	2.72	***5.61***	***7.49***	21.71	14.22	19.38	18.26	***37.64***	***15.76***	29.97	14.21	7
5570	0	53	24.642	19.692	5.24	5.60	***10.83***	***10.35***	21.71	11.36	35.11	37.53	***72.64***	***18.61***	29.97	11.36	12

Tested Frequency [MHz]	Segment	RU Index	Duty Factor [dB]	Antenna 1 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Antenna 3 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0	53	0.00	-5.99	0.80	10.16	8.26	4.97	13.23	-6.92	0.70	10.06	8.26	3.84	12.10
5250	1	60	0.00	-6.35	0.80	10.16	8.26	4.61	12.87	-6.41	0.70	10.06	8.26	4.35	12.61
5570	0	53	0.00	-3.88	0.90	10.17	8.26	7.19	15.45	-3.39	0.80	10.07	8.26	7.48	15.74

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [242-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Segment	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	0	61	39.456	25.123	5.45	4.51	***9.95***	***9.98***	21.71	11.73	36.51	30.23	***66.73***	***18.24***	29.97	11.73	11
5250	1	64	40.603	24.618	4.46	4.48	8.93	9.51	21.71	12.20	29.88	30.02	59.90	17.77	29.97	12.20	11
5570	0	61	39.026	24.934	9.06	9.59	***18.65***	***12.71***	21.71	9.00	60.73	64.33	***125.05***	***20.97***	29.97	9.00	17

Tested Frequency [MHz]	Segment	RU Index	Duty Factor [dB]	Antenna 1 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Antenna 3 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0	61	0.00	-3.60	0.80	10.16	8.26	7.36	15.62	-4.22	0.70	10.06	8.26	6.54	14.80
5250	1	64	0.00	-4.47	0.80	10.16	8.26	6.49	14.75	-4.25	0.70	10.06	8.26	6.51	14.77
5570	0	61	0.00	-1.50	0.90	10.17	8.26	9.57	17.83	-1.05	0.80	10.07	8.26	9.82	18.08

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [484-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Segment	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	0	65	60.211	40.348	7.66	6.30	***13.95***	***11.45***	21.71	10.26	51.33	42.21	***93.54***	***19.71***	29.97	10.26	15
5250	1	66	57.994	42.239	6.46	6.35	12.81	11.08	21.71	10.63	43.29	42.60	85.89	19.34	29.97	10.63	15
5570	0	65	58.661	41.196	8.63	9.25	***17.88***	***12.52***	21.71	9.19	57.86	62.00	***119.86***	***20.79***	29.97	9.18	17

Tested Frequency [MHz]	Segment	RU Index	Duty Factor [dB]	Antenna 1 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Antenna 3 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0	65	0.00	-2.12	0.80	10.16	8.26	8.84	17.10	-2.77	0.70	10.06	8.26	7.99	16.25
5250	1	66	0.00	-2.86	0.80	10.16	8.26	8.10	16.36	-2.73	0.70	10.06	8.26	8.03	16.29
5570	0	65	0.00	-1.71	0.90	10.17	8.26	9.36	17.62	-1.21	0.80	10.07	8.26	9.66	17.92

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [996-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Segment	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	0	67	93.662	78.530	7.60	6.34	***13.94***	***11.44***	21.71	10.27	50.98	42.50	***93.48***	***19.71***	29.97	10.26	15
5250	1	67	109.607	78.271	6.73	6.41	13.14	11.19	21.71	10.52	45.12	42.99	88.11	19.45	29.97	10.52	15
5570	0	67	115.536	78.624	8.65	9.40	***18.05***	***12.56***	21.71	9.15	57.99	63.01	***121.00***	***20.83***	29.97	9.14	17

Tested Frequency [MHz]	Segment	RU Index	Duty Factor [dB]	Antenna 1 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Antenna 3 Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	0	67	0.00	-2.15	0.80	10.16	8.26	8.81	17.07	-2.74	0.70	10.06	8.26	8.02	16.28
5250	1	67	0.00	-2.68	0.80	10.16	8.26	8.28	16.54	-2.69	0.70	10.06	8.26	8.07	16.33
5570	0	67	0.00	-1.70	0.90	10.17	8.26	9.37	17.63	-1.14	0.80	10.07	8.26	9.73	17.99

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.6 Measurement Room
Date	January 28, 2024
Temperature / Humidity	20 deg. C / 35 % RH
Engineer	Junya Okuno
Mode	Tx 11be-160 [2x996-tone RU]

[High power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5250	68	162.077	156.579	7.24	6.47	***13.72***	***11.37***	21.71	10.34	48.57	43.39	***91.96***	***19.64***	29.97	10.33	15
5570	68	162.043	156.567	9.14	9.48	***18.63***	***12.70***	21.71	9.01	61.29	63.59	***124.88***	***20.96***	29.97	9.01	17

			Antenna 1						Antenna 3					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5250	68	0.00	-2.36	0.80	10.16	8.26	8.60	16.86	-2.65	0.70	10.06	8.26	8.11	16.37
5570	68	0.00	-1.46	0.90	10.17	8.26	9.61	17.87	-1.10	0.80	10.07	8.26	9.77	18.03

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.

Maximum Conducted Output Power

Test place	Ise EMC Lab. No.8 Measurement Room
Date	January 29, 2024
Temperature / Humidity	20 deg. C / 43 % RH
Engineer	Takumi Nishida
Mode	Tx 11a

[Low power setting]

Antenna 1+3

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 1 [mW]	Antenna 3 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Power Setting
5260	18.399	16.397	5.14	4.82	***9.96***	***9.98***	21.38	11.40	34.47	32.31	***66.78***	***18.25***	29.97	11.72	13
5300	18.439	16.396	4.53	4.71	9.24	9.66	21.39	11.73	30.37	31.58	61.94	17.92	29.97	12.05	12
5320	18.355	16.413	4.46	4.97	9.42	9.74	21.37	11.63	29.88	33.30	63.18	18.01	29.97	11.96	12
5500	18.437	16.405	4.36	4.62	8.98	9.53	21.39	11.86	29.20	31.00	60.20	17.80	29.97	12.17	12
5580	18.427	16.395	4.90	5.06	***9.96***	***9.98***	21.39	11.41	32.84	33.91	***66.75***	***18.24***	29.97	11.73	12
5700	18.399	16.390	4.81	4.52	9.33	9.70	21.38	11.68	32.24	30.30	62.54	17.96	29.97	12.01	11
5720	18.342	16.398	5.27	4.63	9.91	9.96	21.37	11.41	35.35	31.07	66.42	18.22	29.97	11.75	11
5745	-	16.381	3.22	2.99	***6.21***	***7.93***	27.73	19.80	21.60	20.02	***41.61***	***16.19***	36.00	19.81	7
5785	-	16.403	3.33	2.70	6.04	7.81	27.73	19.92	22.36	18.13	40.49	16.07	36.00	19.93	6
5825	-	16.406	3.26	2.90	6.16	7.89	27.73	19.84	21.85	19.43	41.27	16.16	36.00	19.84	7

		Antenna 1						**Antenna 3**					
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5260	0.00	-3.77	0.80	10.08	8.26	7.11	15.37	-3.97	0.70	10.10	8.26	6.83	15.09
5300	0.00	-4.32	0.80	10.08	8.26	6.56	14.82	-4.07	0.70	10.10	8.26	6.73	14.99
5320	0.00	-4.39	0.80	10.08	8.26	6.49	14.75	-3.84	0.70	10.10	8.26	6.96	15.22
5500	0.00	-4.59	0.90	10.08	8.26	6.39	14.65	-4.25	0.80	10.10	8.26	6.65	14.91
5580	0.00	-4.08	0.90	10.08	8.26	6.90	15.16	-3.86	0.80	10.10	8.26	7.04	15.30
5700	0.00	-4.16	0.90	10.08	8.26	6.82	15.08	-4.35	0.80	10.10	8.26	6.55	14.81
5720	0.00	-3.76	0.90	10.08	8.26	7.22	15.48	-4.24	0.80	10.10	8.26	6.66	14.92
5745	0.00	-5.90	0.90	10.08	8.26	5.08	13.34	-6.16	0.80	10.11	8.26	4.75	13.01
5785	0.00	-5.75	0.90	10.08	8.26	5.23	13.49	-6.59	0.80	10.11	8.26	4.32	12.58
5825	0.00	-5.85	0.90	10.08	8.26	5.13	13.39	-6.29	0.80	10.11	8.26	4.62	12.88

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1W

The conducted power limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)
The test was performed with Gate function.