



Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
	Ant1	5720_UNII- 3	2.56	5725	5727.560	0.5	PASS
	Ant2	5720_UNII- 3	2.6	5725	5727.600	0.5	PASS
110	Ant1	5745	15.160	5737.440	5752.600	0.5	PASS
11A	Ant2	5745	15.200	5737.400	5752.600	0.5	PASS
	Ant1	5785	15.200	5777.400	5792.600	0.5	PASS
	Ant2	5785	13.960	5778.640	5792.600	0.5	PASS
	Ant1	5825	16.400	5816.800	5833.200	0.5	PASS
	Ant2	5825	15.400	5817.200	5832.600	0.5	PASS
	Ant1	5720_UNII- 3	2.6	5725	5727.600	0.5	PASS
	Ant2	5720_UNII- 3	2.56	5725	5727.560	0.5	PASS
44100141140	Ant1	5745	15.880	5737.040	5752.920	0.5	PASS
11N20MIMO	Ant2	5745	15.800	5736.800	5752.600	0.5	PASS
	Ant1	5785	15.160	5777.440	5792.600	0.5	PASS
	Ant2	5785	15.800	5776.800	5792.600	0.5	PASS
	Ant1	5825	15.200	5817.360	5832.560	0.5	PASS
	Ant2	5825	15.160	5817.400	5832.560	0.5	PASS
11N40MIMO	Ant1	5710_UNII- 3	2.68	5725	5727.680	0.5	PASS
	Ant2	5710_UNII- 3	2.68	5725	5727.680	0.5	PASS
	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.280	5777.400	5812.680	0.5	PASS
	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC80MIMO	Ant1	5690_UNII- 3	2.76	5725	5727.760	0.5	PASS
	Ant2	5690_UNII- 3	2.76	5725	5727.760	0.5	PASS
	Ant1	5775	66.720	5746.040	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS

## 12.3. Appendix A3: Min emission bandwidth 12.3.1. Test Result

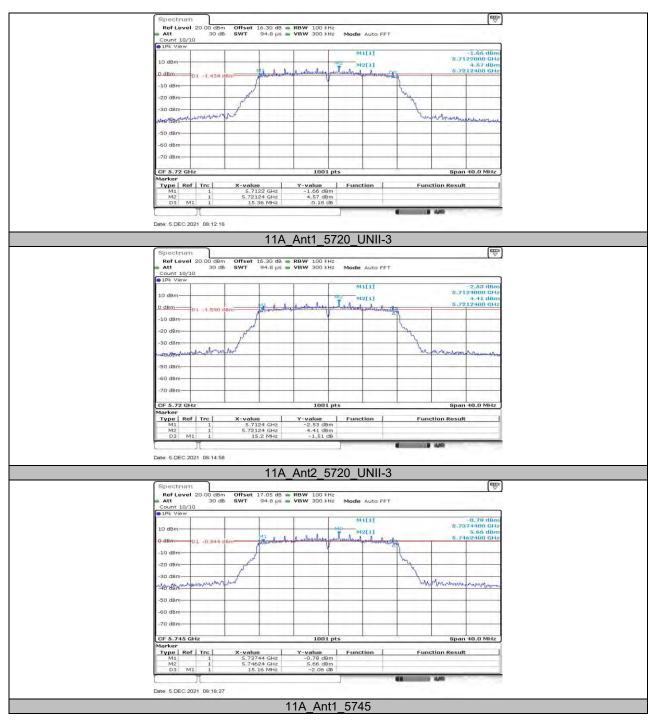
#### Calculation for 6dB Bandwidth of UNII-3 Straddle Channel:

For Example: Fundamental frequency: 5720 MHz

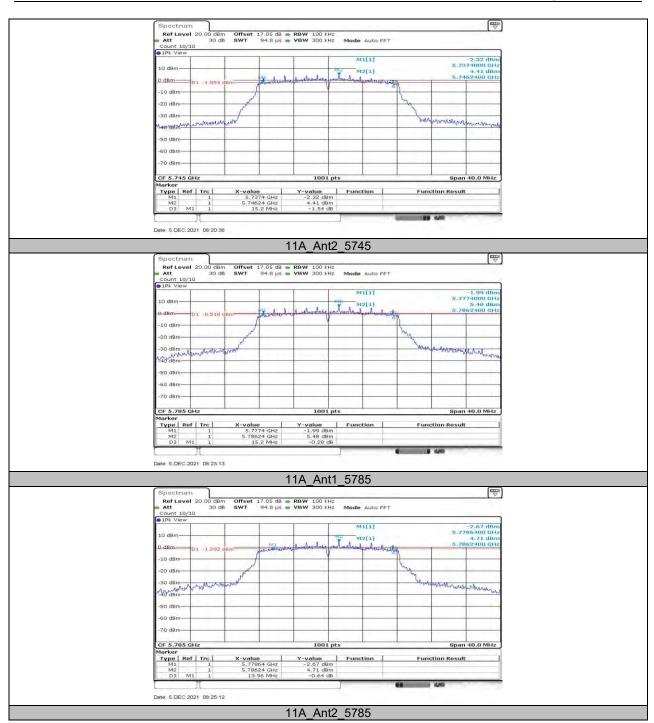
6 dB BW: 16.44 MHz FL: 5711.76 MHz FH: 5728.2 MHz Turning Frequency: 5725 MHz 6 dB Bandwidth of UNII-3 band Portion = 5728.2-5725=3.2 MHz



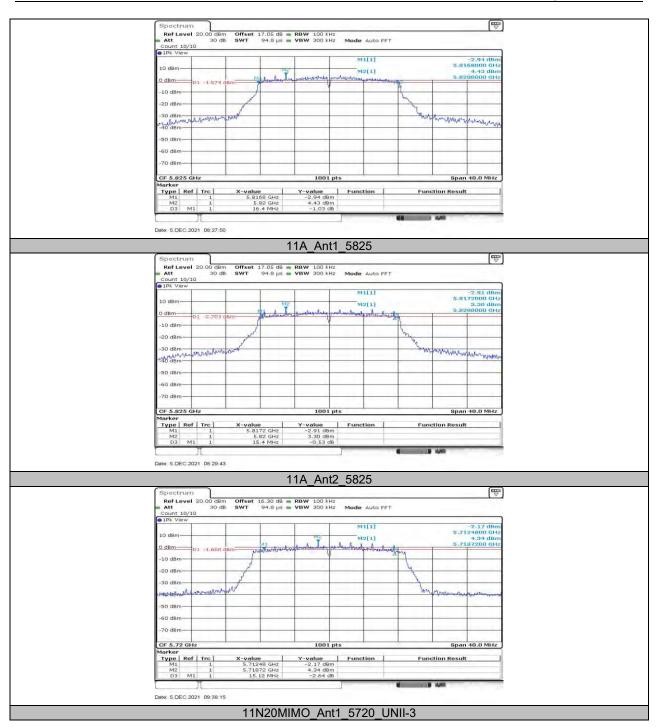
## 12.3.2. Test Graphs



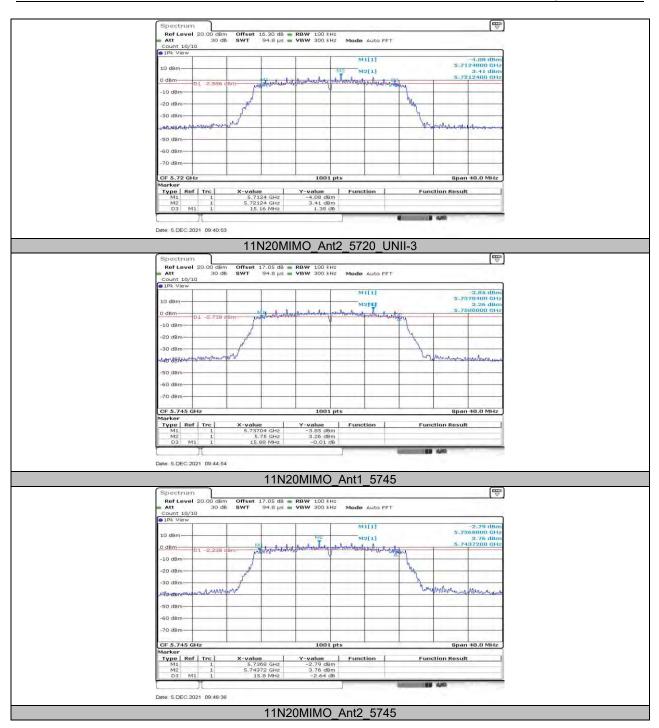




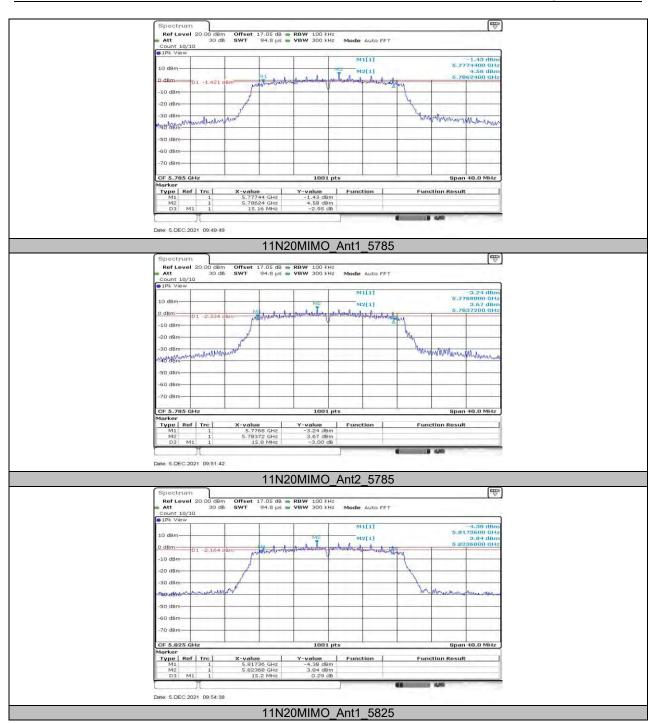




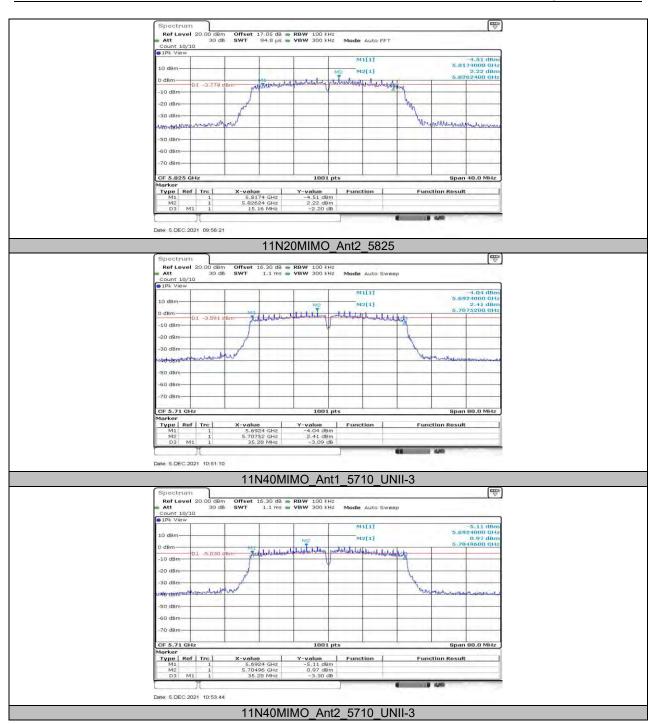




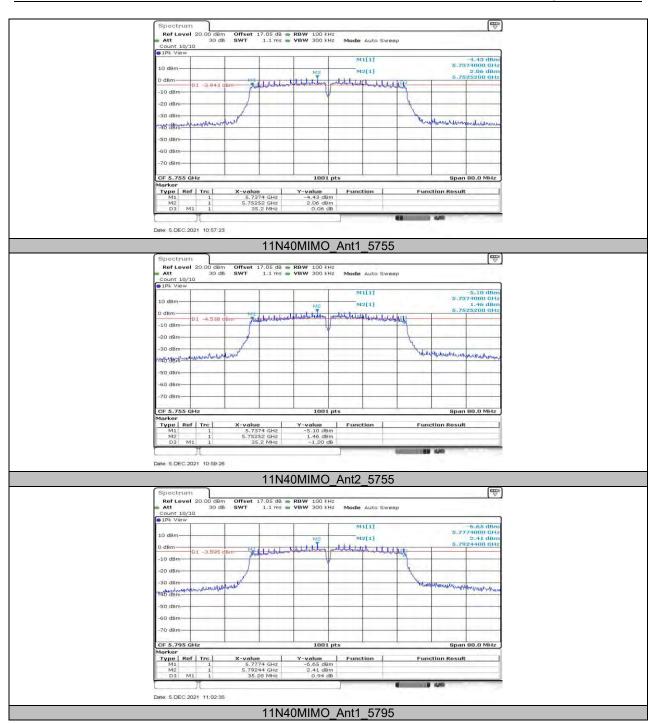




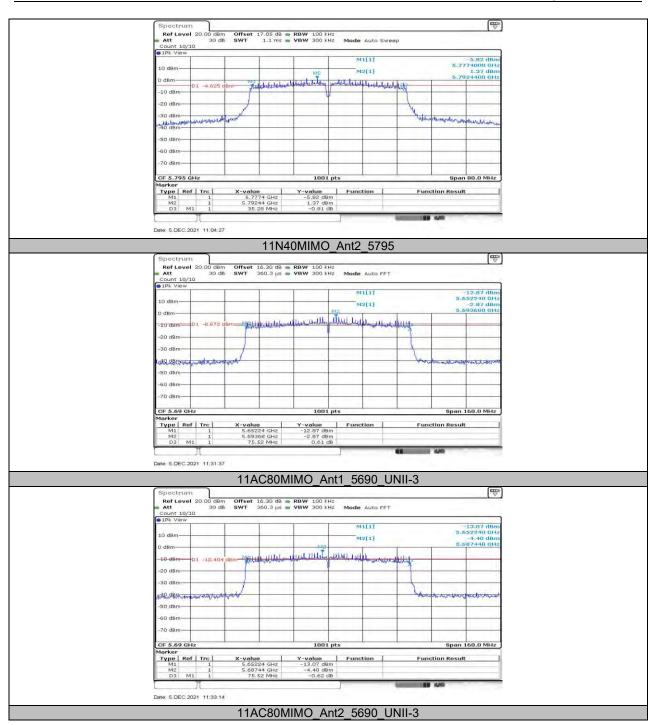




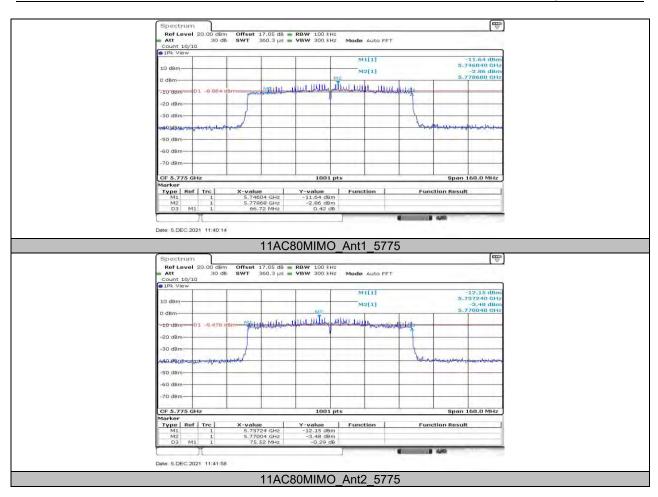
















# 12.4. Appendix B: Maximum conducted output power 12.4.1. Test Result

Test Mode	Antenna	Channel	Power [dBm]	FCC Limit [dBm]	ISED Limit [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
	Ant1	5180	16.13	≤23.98	լսեույ	19.13	≤22.20	PASS
	Ant2	5180	15.67	≤23.98		18.67	≤22.20	PASS
	Ant1	5200	15.83	≤23.98		18.83	≤22.20	PASS
	Ant2	5200	15.46	≤23.98		18.46	≤22.21	PASS
	Ant1	5240	16.19	≤23.98		19.19	≤22.21	PASS
	Ant2	5240	15.66	≤23.98		18.66	≤22.22	PASS
	Ant1	5260	16.40	<u>≤23.98</u>	≤23.20	19.40	≤29.20	PASS
	Ant2	5260	15.63	≤23.98	≤23.20	18.63	≤29.20	PASS
	Ant1	5280	16.59	≤23.98	≤23.23	19.59	≤29.23	PASS
	Ant2	5280	15.67	≤23.98	≤23.22	18.67	≤29.22	PASS
	Ant1	5320	16.61	≤23.97	≤23.21	19.61	≤29.21	PASS
	Ant2	5320	15.77	≤23.97 ≤23.98	≤23.20	18.77	≤29.20	PASS
	Ant2 Ant1	5500	15.61	≤23.98 ≤23.98	≤23.20 ≤23.22	18.61	≤29.20 ≤29.22	PASS
	Ant2	5500	14.95	≤23.90	<u>≤23.22</u>	17.95	<u>≤29.22</u>	PASS
	Ant2 Ant1	5580	16.28	≤23.97 ≤23.98	≤23.22 ≤23.22	19.28	≤29.22 ≤29.22	PASS
11A	Ant1 Ant2	5580	15.16	≤23.96 ≤23.97	≤23.22 ≤23.21	19.20	≤29.22 ≤29.21	PASS
		5700	16.20	≤23.97 ≤23.97	≤23.21 ≤23.20	19.20	≤29.21 ≤29.20	PASS
	Ant1 Ant2	5700	14.87	≤23.97 ≤23.98	≤23.20 ≤23.21	19.20	≤29.20 ≤29.21	PASS
	Ant1	5720_UNII- 2C	14.87	≤22.71	≤22.26	18.28	≤28.26	PASS
	Ant2	5720_UNII- 2C	14.17	≤22.76	≤22.24	17.17	≤28.24	PASS
	Ant1	5720 UNII-3	7.53	≤30	≤30	10.53		PASS
	Ant2	5720 UNII-3	6.57	≤30	≤30	9.57		PASS
	Ant1	5745	16.04	≤30	≤30	19.04		PASS
	Ant2	5745	15.40	≤30	≤30	18.40		PASS
	Ant1	5785	16.00	≤30	≤30	19.00		PASS
	Ant2	5785	15.04	≤30	≤30	18.04		PASS
	Ant1	5825	16.75	≤30	≤30	19.75		PASS
	Ant2	5825	14.97	≤30	≤30	17.97		PASS
	Ant1	5180	11.21	≤23.98		14.21	≤22.47	PASS
	Ant2	5180	10.67	≤23.98		13.67	≤22.46	PASS
11N20MIMO	total	5180	14.0	≤23.98		16.96	≤22.46	PASS
	Ant1	5200	10.82	≤23.98		13.82	≤22.47	PASS
	Ant2	5200	10.65	≤23.98		13.65	≤22.43	PASS
	total	5200	13.7	≤23.98		16.75	≤22.43	PASS
	Ant1	5240	11.09	≤23.98		14.09	≤22.47	PASS
	Ant2	5240	10.79	≤23.98		13.79	≤22.45	PASS
	total	5240	14.0	≤23.98		16.95	≤22.45	PASS
	Ant1	5260	15.22	≤23.98	≤23.49	18.22	≤29.49	PASS
	Ant2	5260	14.55	≤23.98	≤23.47	17.55	≤29.47	PASS
	total	5260	17.9	≤23.98	≤23.47	20.91	≤29.47	PASS
	Ant1	5280	15.43	≤23.98	≤23.47	18.43	≤29.47	PASS
	Ant2	5280	14.67	≤23.98	≤23.44	17.67	≤29.44	PASS
	total	5280	18.1	≤23.98	≤23.44	21.08	≤29.44	PASS
	Ant1	5320	15.54	≤23.98	≤23.47	18.54	≤29.47	PASS
	Ant2	5320	14.75	≤23.98	≤23.47	17.75	≤29.47	PASS
	total	5320	18.2	≤23.98	≤23.47	21.17	≤29.47	PASS
	Ant1	5500	14.55	≤23.98	≤23.47	17.55	≤29.47	PASS
-	Ant2	5500	13.85	≤23.98	≤23.46	16.85	≤29.46	PASS
	total	5500	17.2	≤23.98	≤23.46	20.22	≤29.46	PASS
	Ant1	5580	15.11	≤23.98	≤23.46	18.11	≤29.46	PASS



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	Ant2	5580	14.18	≤23.98	≤23.45	17.18	≤29.45	PASS
	total	5580	17.7	≤23.98	≤23.45	20.68	≤29.45	PASS
	Ant1	5700	15.05	≤23.98	≤23.47	18.05	≤29.47	PASS
	Ant2	5700	13.92	≤23.98	≤23.46	16.92	≤29.46	PASS
	total	5700	17.5	≤23.98	≤23.46	20.53	≤29.46	PASS
	lotai	5720 UNII-	17.0	=20.00	=20.40	20.00		17,00
	Ant1	2C	14.08	≤22.80	≤22.41	17.08	≤28.41	PASS
	Ant2	5720_UNII- 2C	13.08	≤22.81	≤22.40	16.08	≤28.40	PASS
	total	5720_UNII- 2C	16.6	≤22.81	≤22.40	19.62	≤28.40	PASS
	Ant1	5720_UNII-3	6.74	≤30	≤30	9.74		PASS
	Ant2	5720 UNII-3	6.02	≤30	≤30	9.02		PASS
	total	5720 UNII-3	9.4	≤30	≤30	12.41		PASS
	Ant1	5745	14.86	≤30	≤30	17.86		PASS
	Ant2	5745	14.35	≤30	≤30	17.35		PASS
	total	5745	17.6	≤30	<u>≤</u> 30	20.62		PASS
	Ant1	5785	14.84	<u>≤</u> 30	<u>≤</u> 30	17.84		PASS
	Ant2	5785	14.05	<u>_</u> 30	<u>_</u> 30	17.05		PASS
	total	5785	17.5	<u>≤</u> 30	<u>≤</u> 30	20.47		PASS
	Ant1	5825	14.06	≤30 ≤30	≤30 ≤30	17.06		PASS
	Ant2	5825	12.65	≤30 <20	≤30 <20	15.65		PASS
	total	5825	16.4	≤30 100.00	≤30	19.42		PASS
	Ant1	5190	14.07	≤23.98		17.07	≤23	PASS
	Ant2	5190	13.67	≤23.98		16.67	≤23	PASS
	total	5190	16.9	≤23.98		19.88	≤23	PASS
	Ant1	5230	14.31	≤23.98		17.31	≤23	PASS
	Ant2	5230	13.69	≤23.98		16.69	≤23	PASS
	total	5230	17.0	≤23.98		20.02	≤23	PASS
	Ant1	5270	15.61	≤23.98	≤23.98	18.61	≤30	PASS
	Ant2	5270	14.62	≤23.98	≤23.98	17.62	≤30	PASS
	total	5270	18.2	≤23.98	≤23.98	21.15	≤30	PASS
	Ant1	5310	15.64	≤23.98	≤23.98	18.64	≤30	PASS
	Ant2	5310	14.85	≤23.98	≤23.98	17.85	≤30	PASS
	total	5310	18.3	≤23.98	≤23.98	21.27	≤30	PASS
	Ant1	5510	14.67	≤23.98	≤23.98	17.67	≤30	PASS
	Ant2	5510	13.92	≤23.98	≤23.98	16.92	≤30	PASS
	total	5510	17.3	≤23.98	≤23.98	20.32	≤30	PASS
	Ant1	5550	15.09	≤23.98	≤23.98	18.09	 ≤30	PASS
	Ant2	5550	14.12	≤23.98	≤23.98	17.12	<u>_</u> 30	PASS
	total	5550		<u>≤23.98</u>	≤23.98	20.64	<u>≤</u> 30	PASS
11N40MIMO	Ant1	5670	<u> </u>	≤23.98	≤23.98	17.66	<u>≤</u> 30	PASS
	Ant2	5670	13.73	≤23.98 ≤23.98	≤23.98 ≤23.98	16.73	≤30 ≤30	PASS
	total	5670	17.2	≤23.98 ≤23.98	≤23.98 ≤23.98	20.23	≤30 ≤30	PASS
	Ant1	5710_UNII- 2C	14.87	<u>≤</u> 23.98	<u>≤</u> 23.98	17.87	<u>≤</u> 30	PASS
	Ant2	5710_UNII- 2C	13.51	≤23.98	≤23.98	16.51	≤30	PASS
	total	5710_UNII- 2C	17.3	≤23.98	≤23.98	20.25	≤30	PASS
	Ant1	5710_UNII-3	2.49	≤30	≤30	5.49		PASS
	Ant2	5710 UNII-3	1.41	≤30	≤30	4.41		PASS
	total	5710 UNII-3	5.0	≤30	≤30	7.99		PASS
	Ant1	5755	15.00	≤30	≤30	18.00		PASS
	Ant2	5755	14.32	≤30	≤30	17.32		PASS
	total	5755	17.7	<u>≤</u> 30	 ≤30	20.68		PASS
	Ant1	5795	15.33	<u>_</u> 30	<u>_</u> 30	18.33		PASS
	Ant2	5795	14.15	<u>_</u> 30	<u>≤</u> 30	17.15		PASS
+	total	5795	17.8	<u>≤</u> 30	<u>≤</u> 30	20.79		PASS
	Ant1	5210	13.15	<u>≤</u> 23.98		16.15	≤23	PASS
11AC80MIMO	Ant2	5210	12.70	≤23.98		15.70	<u>≤23</u>	PASS
		JZIU	12.10	-20.90		10.10	-220	1 700

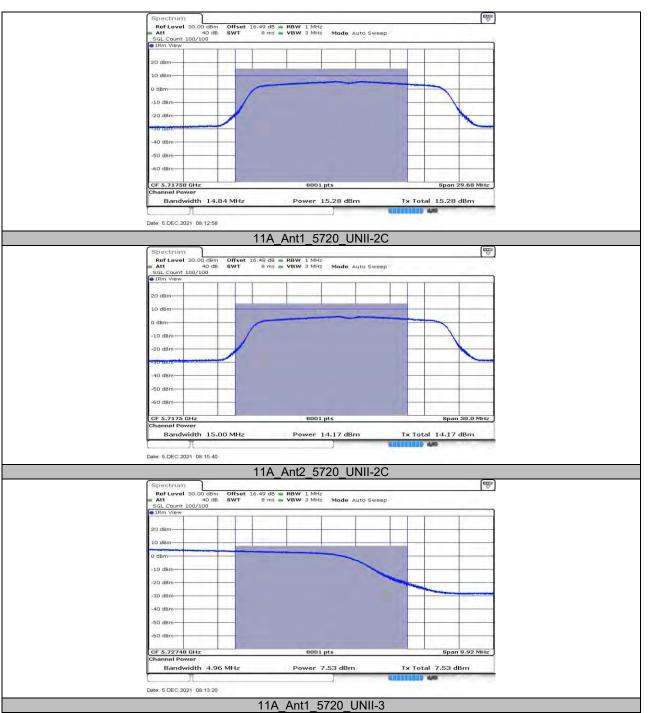


	total	5210	15.9	≤23.98		18.94	≤23	PASS
	Ant1	5290	13.53	≤23.98	≤23.98	16.53	≤30	PASS
	Ant2	5290	12.55	≤23.98	≤23.98	15.55	≤30	PASS
	total	5290	16.1	≤23.98	≤23.98	19.08	≤30	PASS
	Ant1	5530	12.80	≤23.98	≤23.98	15.80	≤30	PASS
	Ant2	5530	11.80	≤23.98	≤23.98	14.80	≤30	PASS
	total	5530	15.3	≤23.98	≤23.98	18.34	≤30	PASS
	Ant1	5610	12.60	≤23.98	≤23.98	15.60	≤30	PASS
	Ant2	5610	11.78	≤23.98	≤23.98	14.78	≤30	PASS
	total	5610	15.2	≤23.98	≤23.98	18.22	≤30	PASS
	Ant1	5690_UNII- 2C	12.63	≤23.98	≤23.98	15.63	≤30	PASS
	Ant2	5690_UNII- 2C	11.57	≤23.98	≤23.98	14.57	≤30	PASS
	total	5690_UNII- 2C	15.1	≤23.98	≤23.98	18.14	≤30	PASS
	Ant1	5690_UNII-3	-2.97	≤30	≤30	0.03		PASS
	Ant2	5690_UNII-3	-3.53	≤30	≤30	-0.53		PASS
	total	5690_UNII-3	-0.2	≤30	≤30	2.77		PASS
	Ant1	5775	12.99	≤30	≤30	15.99		PASS
	Ant2	5775	12.09	≤30	≤30	15.09		PASS
	total	5775	15.6	≤30	≤30	18.57		PASS
Nata 4 Operatorial Davier Mana 1 analy Operation Frater								

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

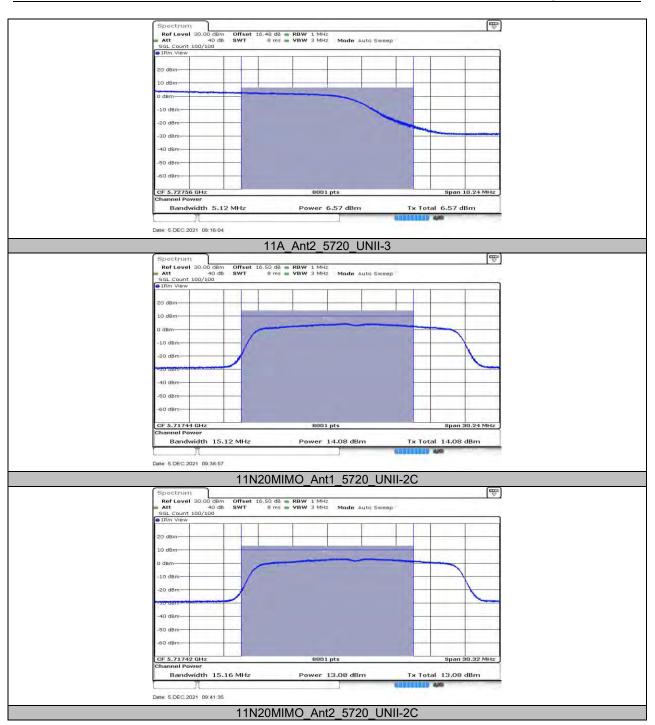
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.



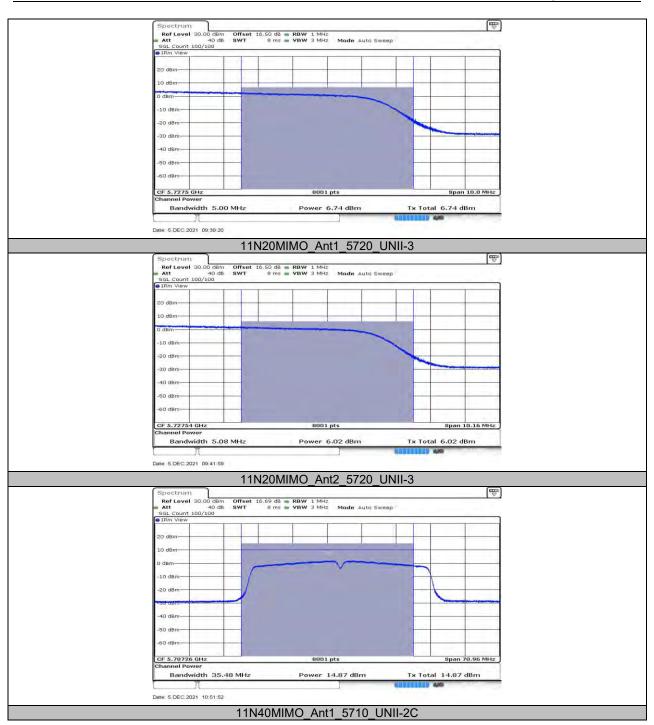


## 12.4.2. Test Graphs

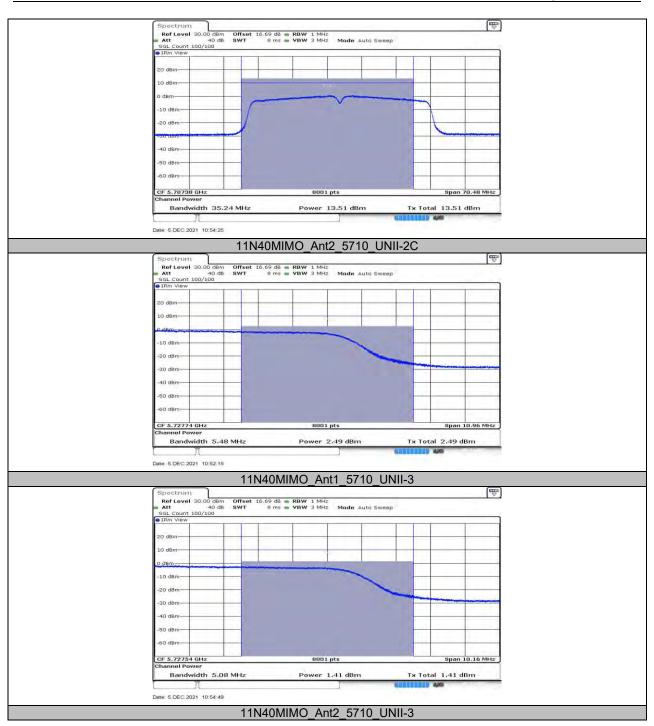




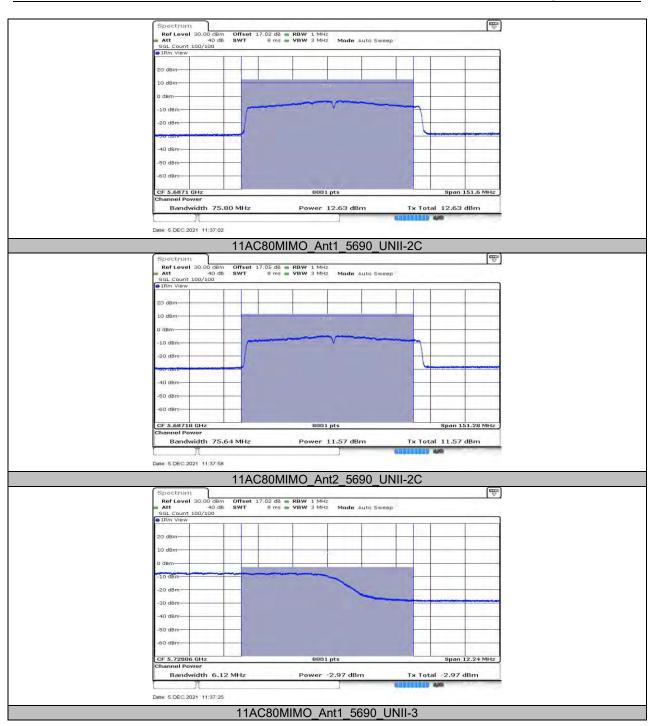




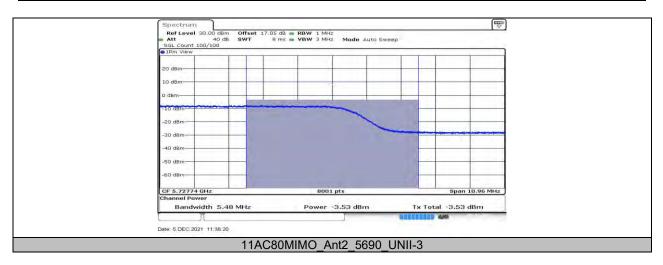














	12.5.1.	Test Res	ult		-		
Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
	Ant1	5180	5.87	<u>≤</u> 11	8.87	<u>≤</u> 10	PASS
	Ant2	5180	5.17	≤11	8.17	≤10	PASS
	Ant1	5200	5.56	≤11	8.56	≤10	PASS
	Ant2	5200	5.07	≤11	8.07	≤10	PASS
	Ant1	5240	5.75	≤11	8.75	≤10	PASS
	Ant2	5240	5.25	≤11	8.25	≤10 ≤10	PASS
	Ant1	5260	6.1	≤11			PASS
	Ant2	5260	5.33	≤11			PASS
	Ant1	5280	6.19	≤11			PASS
	Ant2	5280	5.28	≤11			PASS
	Ant1	5320	6.35	<u>≤11</u>			PASS
		5320					
	Ant2		5.56	≤11			PASS
	Ant1	5500	5.33	≤11			PASS
	Ant2	5500	4.58	≤11			PASS
11A	Ant1	5580	5.89	≤11			PASS
	Ant2	5580	4.89	≤11			PASS
	Ant1	5700	5.82	≤11			PASS
	Ant2	5700	4.54	≤11			PASS
	Ant1	5720_UNII- 2C	5.76	≤11			PASS
	Ant2	5720_UNII- 2C	4.45	≤11			PASS
	Ant1	5720 UNII-3	0.49	≤11			PASS
	Ant2	5720 UNII-3	-0.21	≤11			PASS
	Ant1	5745	2.91	≤30			PASS
	Ant2	5745	2.2	≤30			PASS
	Ant1	5785	2.8	≤30			PASS
	Ant2	5785	1.94	≤30			PASS
	Ant1	5825	3.78	≤30			PASS
	Ant2	5825	1.89	≤30			PASS
	Ant1	5180	0.63	<u>≤11</u>	3.63	≤10	PASS
	Ant2	5180	0.27	≤11	3.27	≤10	PASS
	total	5180	3.46	≤11	6.46	≤10 ≤10	PASS
	Ant1	5200	0.29	≤11	3.29	≤10 ≤10	PASS
	Ant2	5200	0.27	≤11	3.27	<u>≤10</u>	PASS
	total	5200	3.29	≤11	6.29	<u>≤10</u>	PASS
	Ant1	5240	0.44	≤11	3.44	<u>≤10</u>	PASS
	Ant2	5240	0.36	≤11	3.36	≤10 ≤10	PASS
	total	5240	3.41	≤11	6.41	≤10 ≤10	PASS
		5260	4.81	<u>≤11</u>			PASS
	Ant1						
	Ant2	5260	4.18	≤11			PASS
11N20MIMO	total	5260	7.52	≤11			PASS
	Ant1	5280	5.18	≤11			PASS
	Ant2	5280	4.31	≤11			PASS
	total	5280	7.78	≤11			PASS
	Ant1	5320	5.04	≤11			PASS
	Ant2	5320	4.4	≤11			PASS
	total	5320	7.74	≤11			PASS
	Ant1	5500	4.11	≤11			PASS
	Ant2	5500	3.62	≤11			PASS
	total	5500	6.88	≤11			PASS
	Ant1	5580	4.83	≤11			PASS
	Ant2	5580	4.17	≤11			PASS

## 12.5. Appendix C: Maximum power spectral density 12.5.1. Test Result



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	totol	5500	7.50	~11			DACC
	total	5580 5700	7.52 4.6	≤11 ≤11			PASS PASS
	Ant1 Ant2	5700	<u>4.6</u> 3.58	<u>≤</u> 11			PASS
	total	5700	7.13	≤11 ≤11			PASS
	เปเสเ	5720 UNII-					
	Ant1	2C	4.41	≤11			PASS
	Ant2	5720_UNII- 2C	3.26	≤11			PASS
	total	5720_UNII- 2C	6.88	≤11			PASS
	Ant1	5720 UNII-3	-0.73	≤11			PASS
	Ant2	5720 UNII-3	-1.28	≤11			PASS
	total	5720 UNII-3	2.01	≤11			PASS
	Ant1	5745	1.58	≤30			PASS
	Ant2	5745	1.12	≤30			PASS
	total	5745	4.37	≤30			PASS
	Ant1	5785	1.58	≤30			PASS
	Ant2	5785	0.95	≤30			PASS
	total	5785	4.29	≤30			PASS
	Ant1	5825	0.93	≤30			PASS
	Ant2	5825	-0.72	≤30			PASS
	total	5825	3.19	≤30			PASS
	Ant1	5190	0.72	≤11	3.72	≤10	PASS
	Ant2	5190	0.26	≤11	3.26	≤10	PASS
	total	5190	3.51	≤11	6.51	≤10	PASS
	Ant1	5230	0.84	≤11	3.84	≤10	PASS
	Ant2	5230	0.17	≤11	3.17	≤10	PASS
	total	5230	3.53	≤11	6.53	≤10	PASS
	Ant1	5270	2.09	≤11			PASS
	Ant2	5270	1.28	≤11			PASS
	total	5270	4.71	≤11			PASS
	Ant1	5310	2.25	≤11			PASS
	Ant2	5310	1.25	≤11			PASS
	total	5310	4.79	≤11			PASS
	Ant1	5510	1.08	≤11			PASS
	Ant2	5510	0.34	≤11			PASS
	total	5510	3.74	≤11			PASS
	Ant1	5550	1.65	≤11			PASS
	Ant2	5550	0.81	≤11			PASS
11N40MIMO	total	5550	4.26	≤11			PASS
	Ant1	5670	1.48	≤11			PASS
	Ant2	5670	0.32	≤11			PASS
	total	5670	3.95	≤11			PASS
	Ant1	5710_UNII- 2C	1.52	≤11			PASS
	Ant2	5710_UNII- 2C	0.56	≤11			PASS
	total	5710_UNII- 2C	4.08	≤11			PASS
	Ant1	5710 UNII-3	-4.94	≤11			PASS
	Ant2	5710_UNII-3	-5.64	≤11			PASS
	total	5710_UNII-3	-2.27	≤11			PASS
	Ant1	5755	-1.28	≤30			PASS
	Ant2	5755	-1.85	≤30			PASS
	total	5755	1.45	≤30			PASS
	Ant1	5795	-1.02	≤30			PASS
	Ant2	5795	-2.22	≤30			PASS
	total	5795	1.43	≤30			PASS
	Ant1	5210	-3.37	≤11	-0.37	≤10	PASS
11AC80MIMO	Ant2	5210	-3.91	≤11	-0.91	≤10	PASS
	total	5210	-0.62	≤11	2.38	≤10	PASS

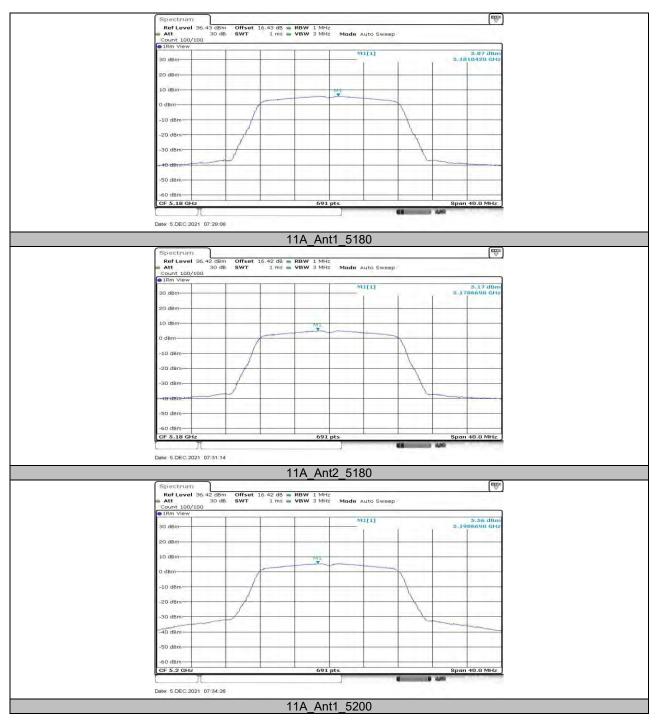


Ant1	5290	-2.92	≤11	 	PASS
Ant2	5290	-3.63	≤11	 	PASS
total	5290	-0.25	≤11	 	PASS
Ant1	5530	-3.8	≤11	 	PASS
Ant2	5530	-4.85	≤11	 	PASS
total	5530	-1.28	≤11	 	PASS
Ant1	5610	-3.75	≤11	 	PASS
Ant2	5610	-4.74	≤11	 	PASS
total	5610	-1.21	≤11	 	PASS
Ant1	5690_UNII- 2C	-3.68	≤11	 	PASS
Ant2	5690_UNII- 2C	-4.69	≤11	 	PASS
total	5690_UNII- 2C	-1.15	≤11	 	PASS
Ant1	5690_UNII-3	-9.85	≤11	 	PASS
Ant2	5690_UNII-3	-11.36	≤11	 	PASS
total	5690_UNII-3	-7.53	≤11	 	PASS
Ant1	5775	-6.47	≤30	 	PASS
Ant2	5775	-7.2	≤30	 	PASS
total	5775	-3.81	≤30	 	PASS

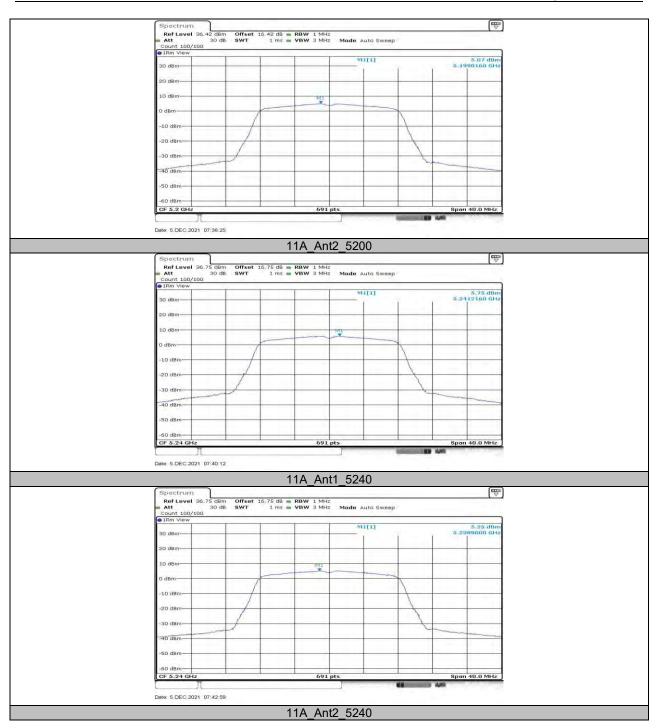
Note : 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz. 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



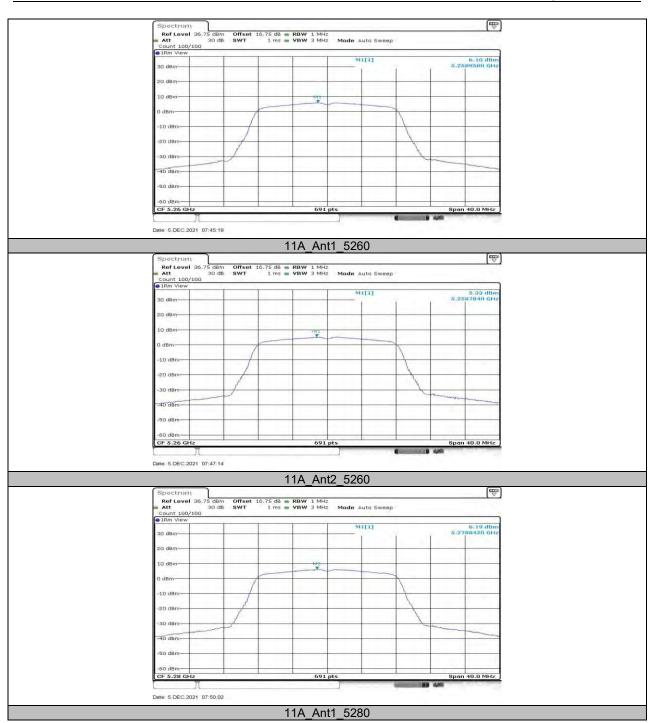
## 12.5.2. Test Graphs



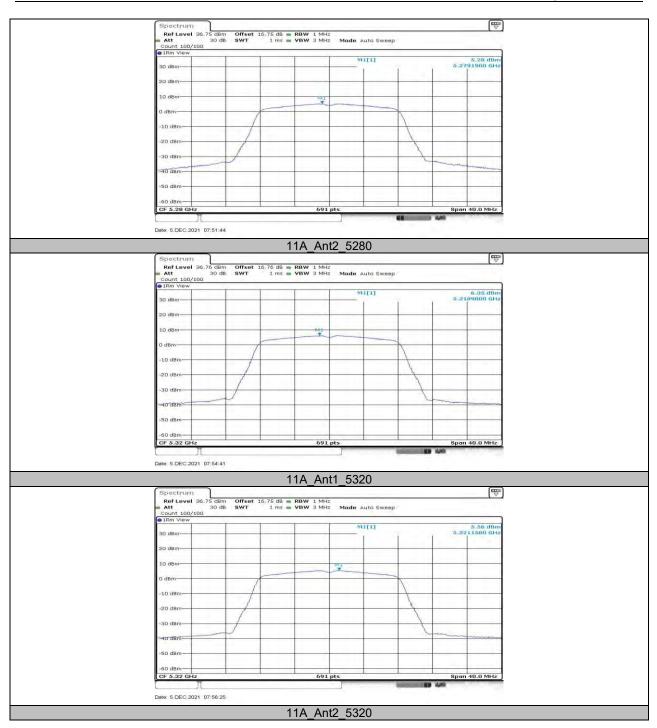








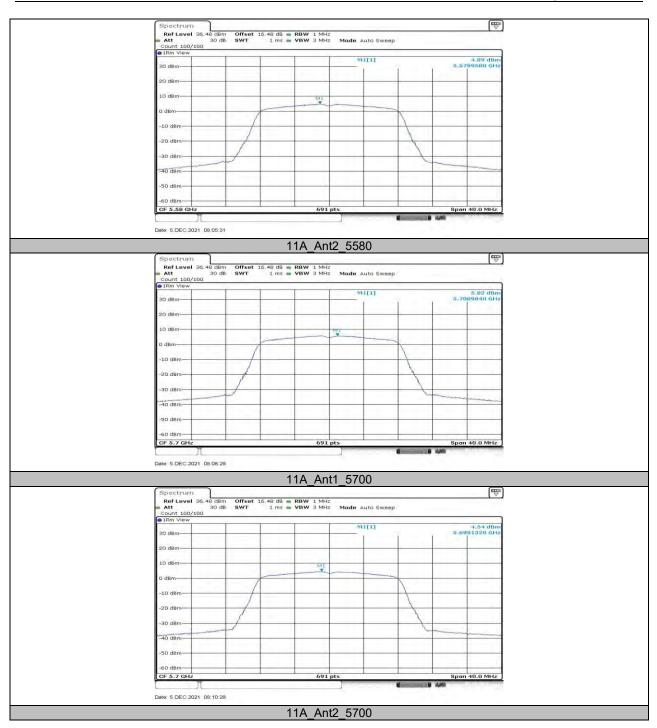




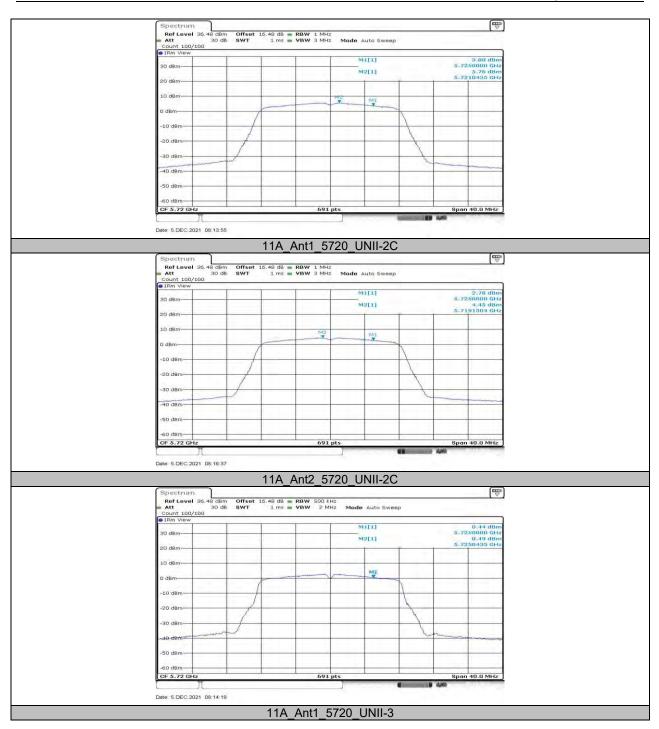




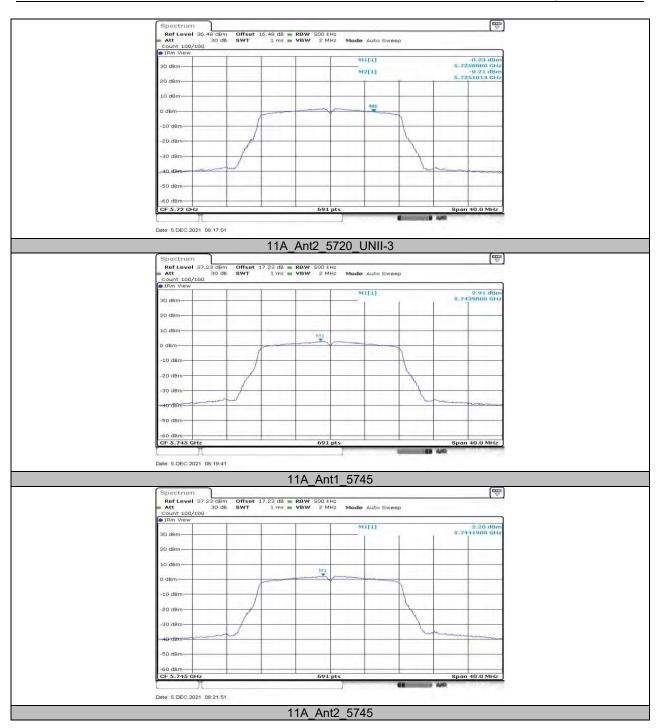




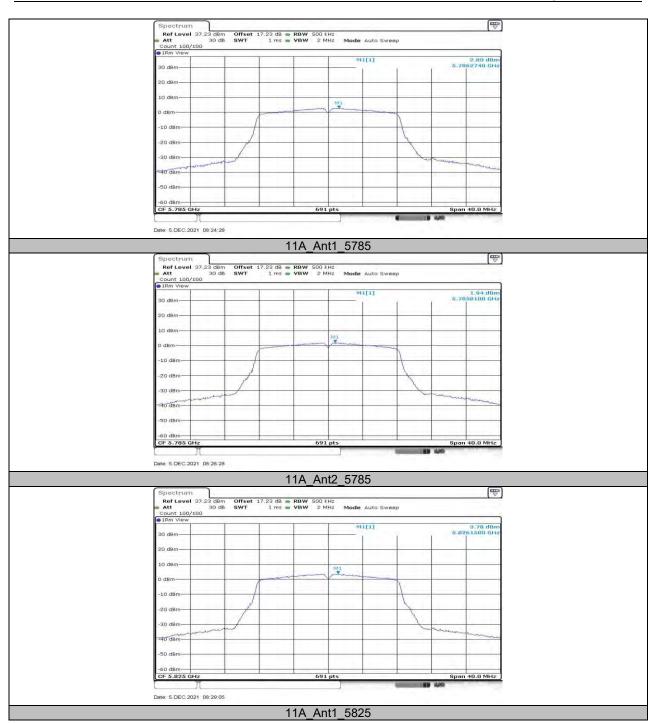




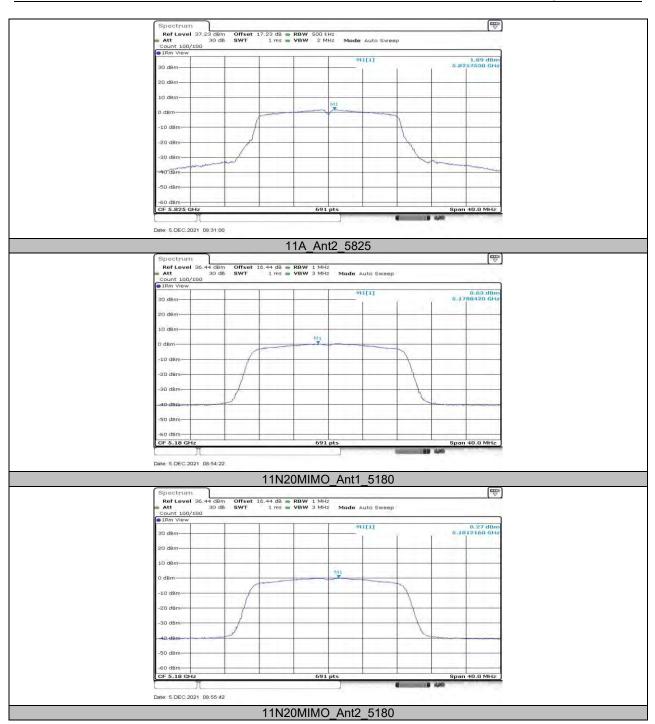




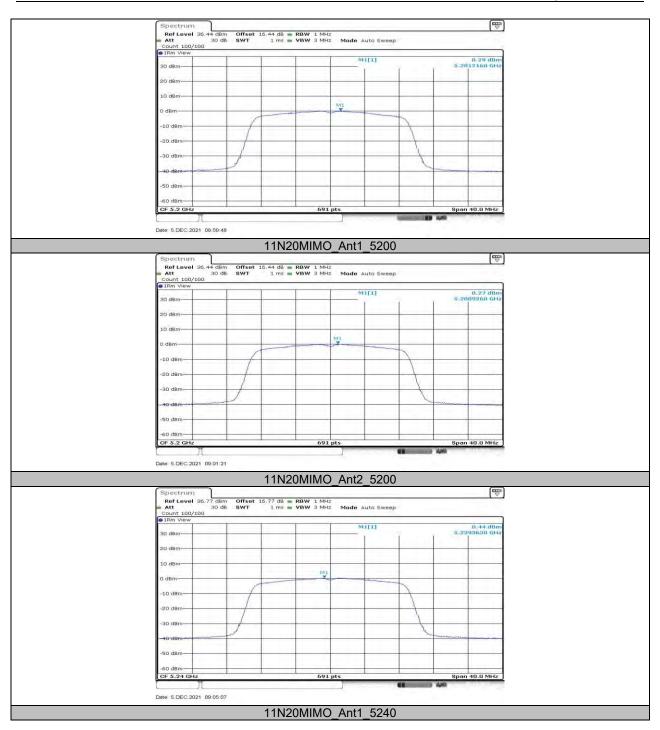




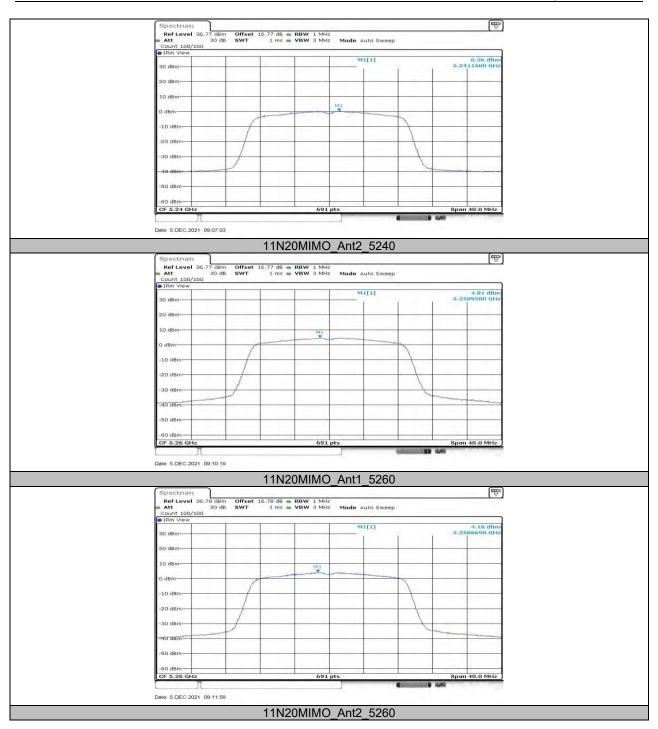




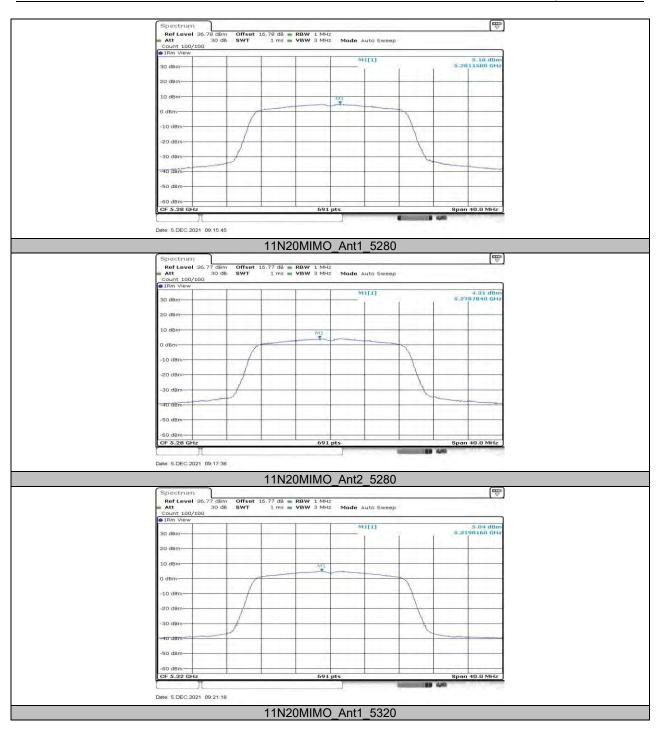




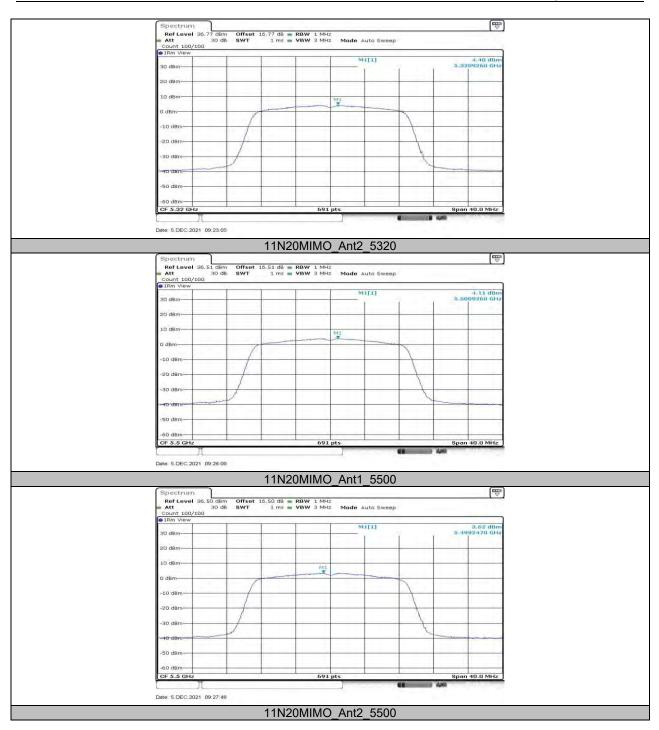




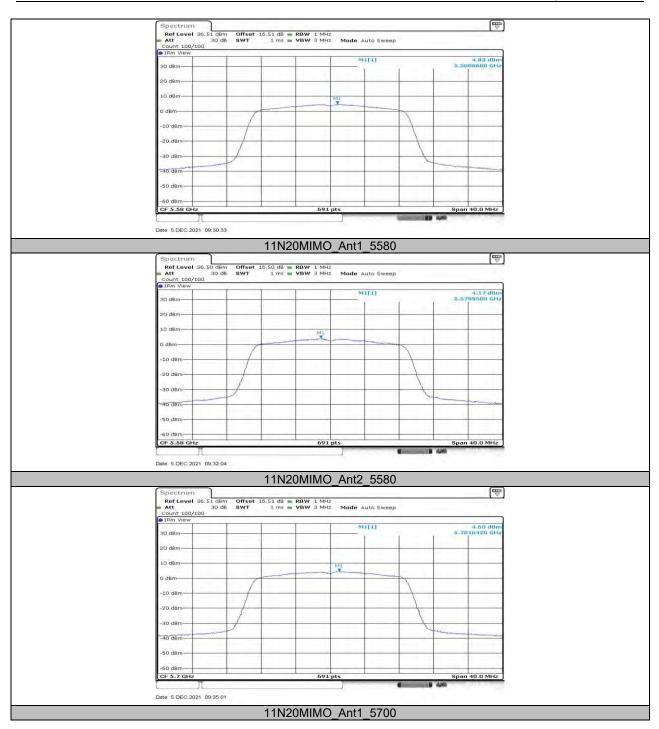




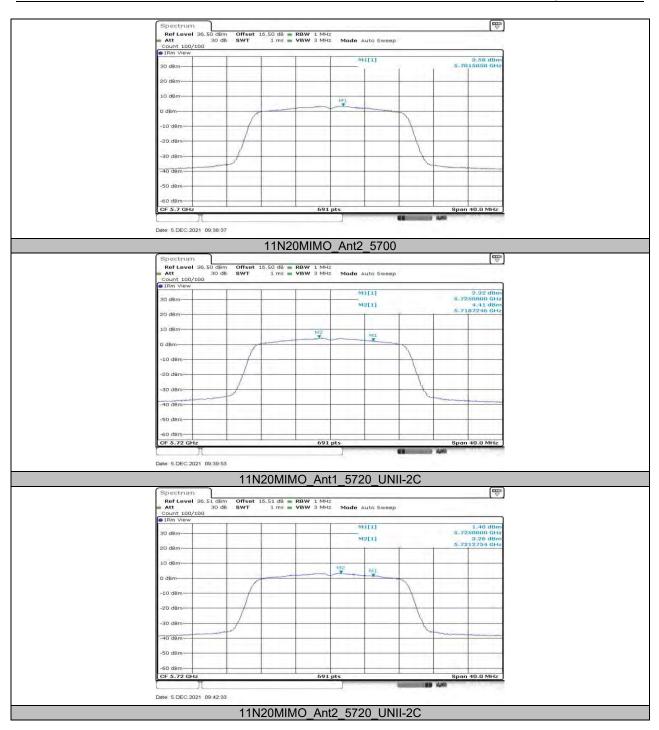




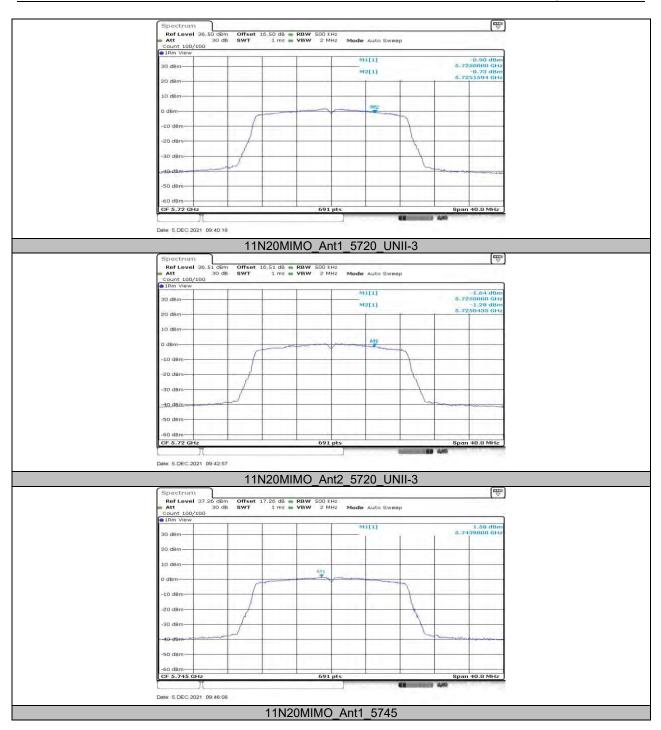




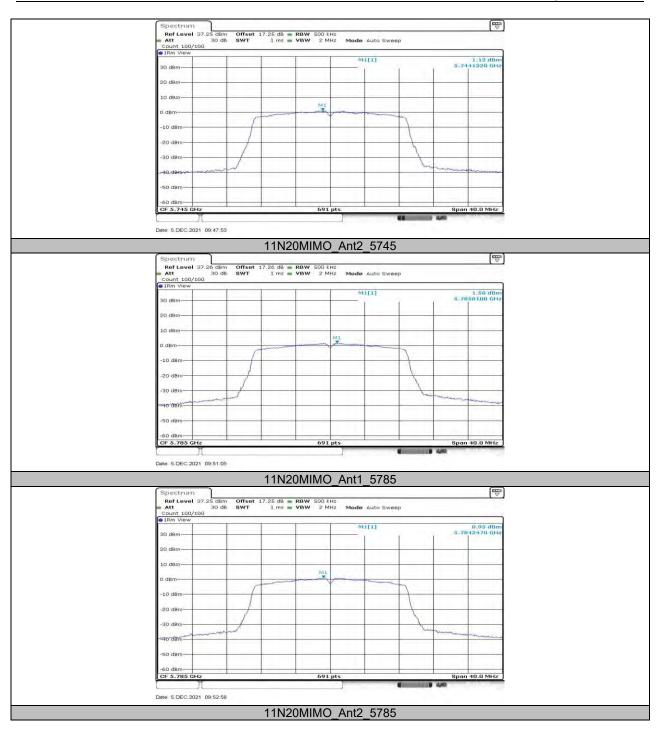




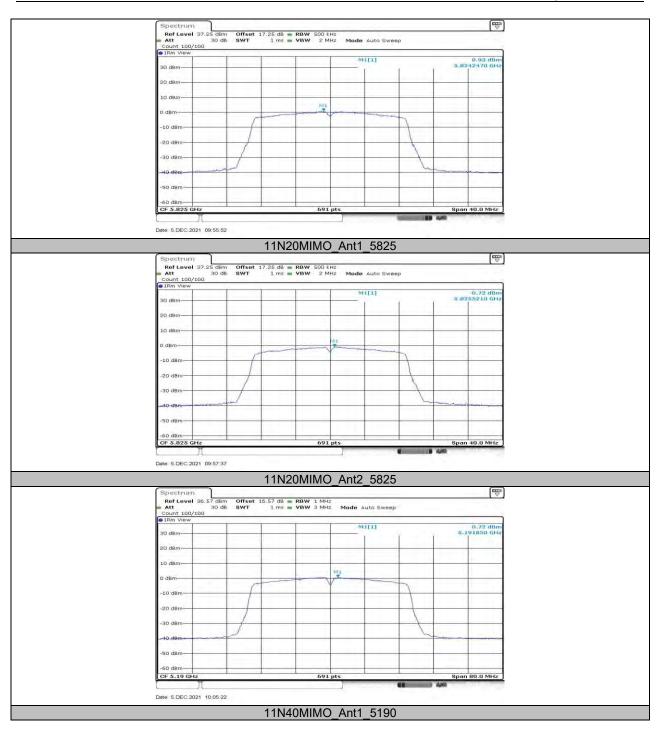




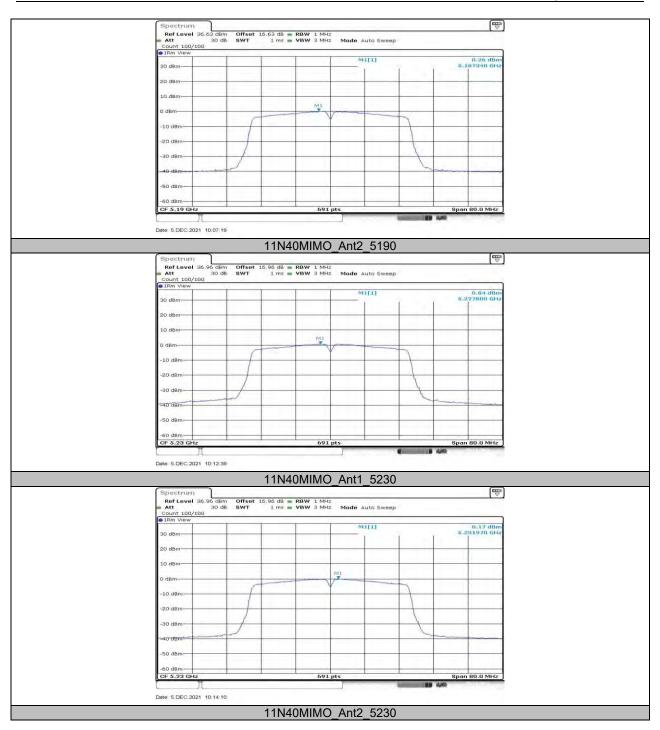








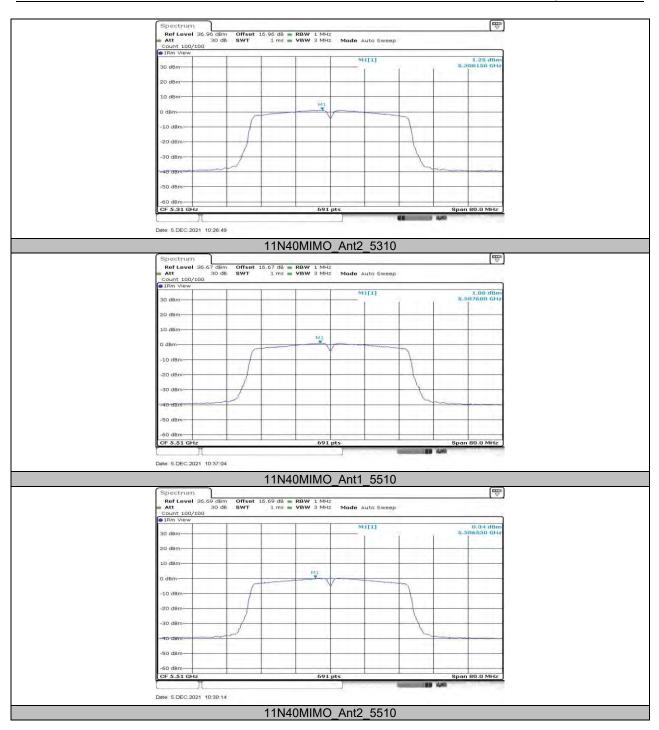




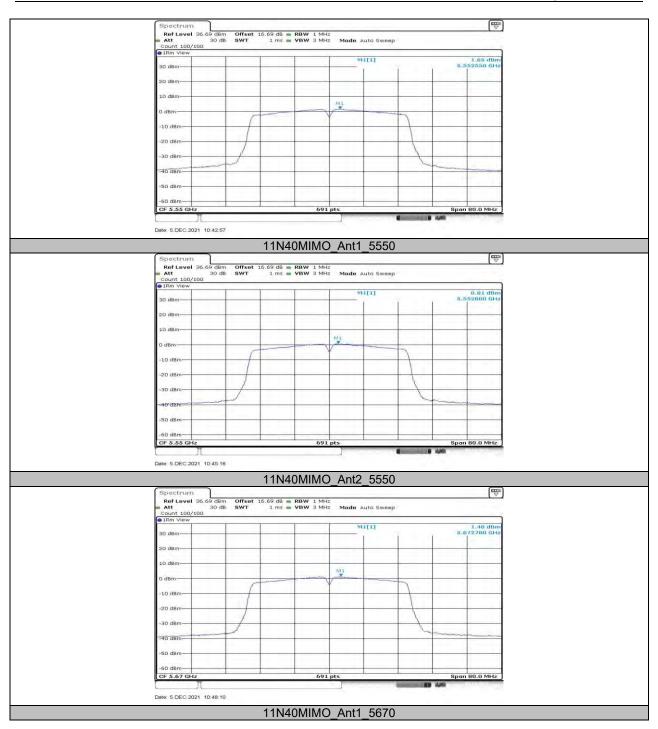




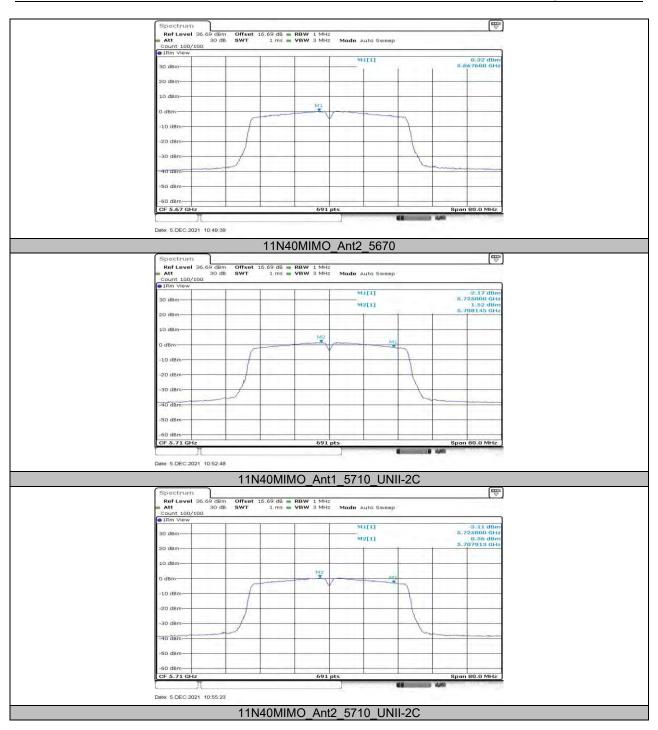




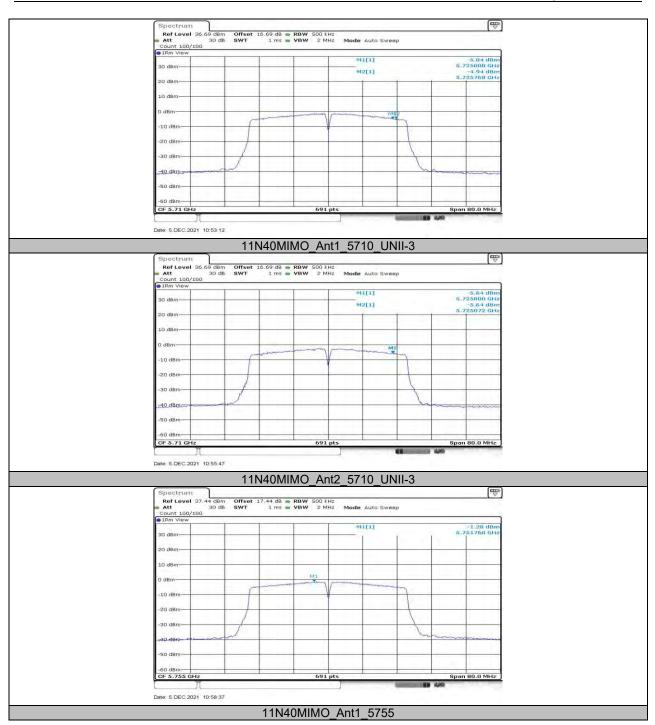




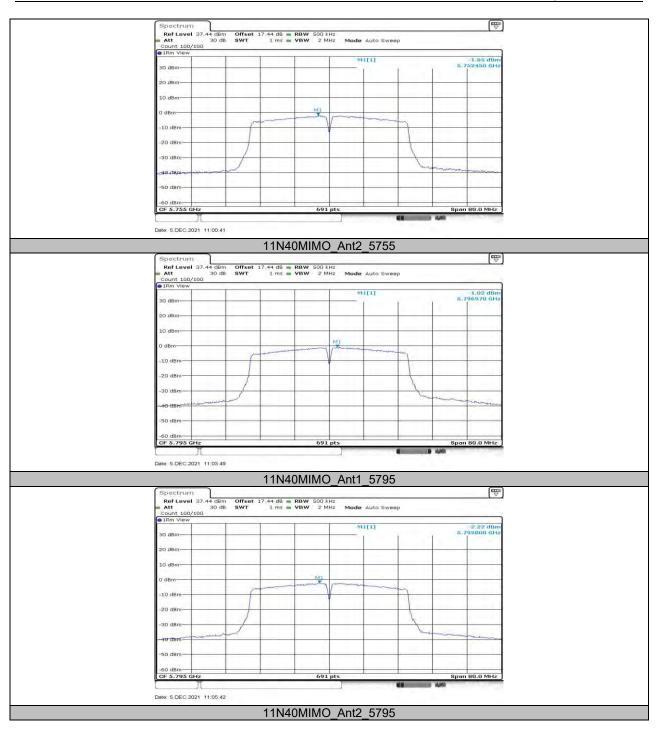




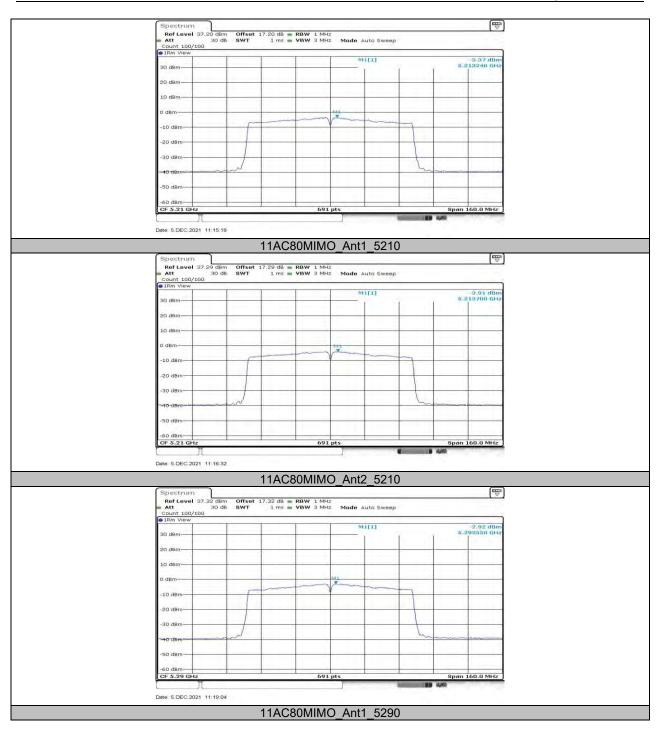




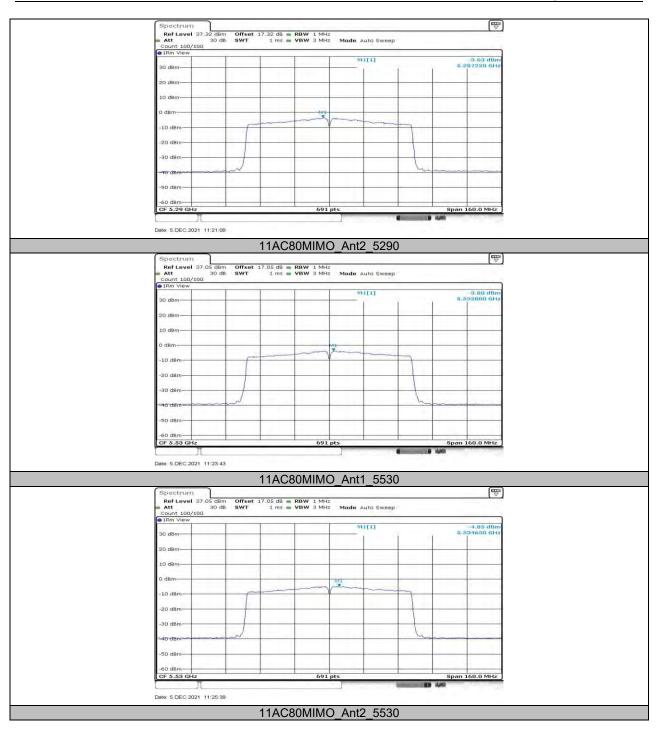




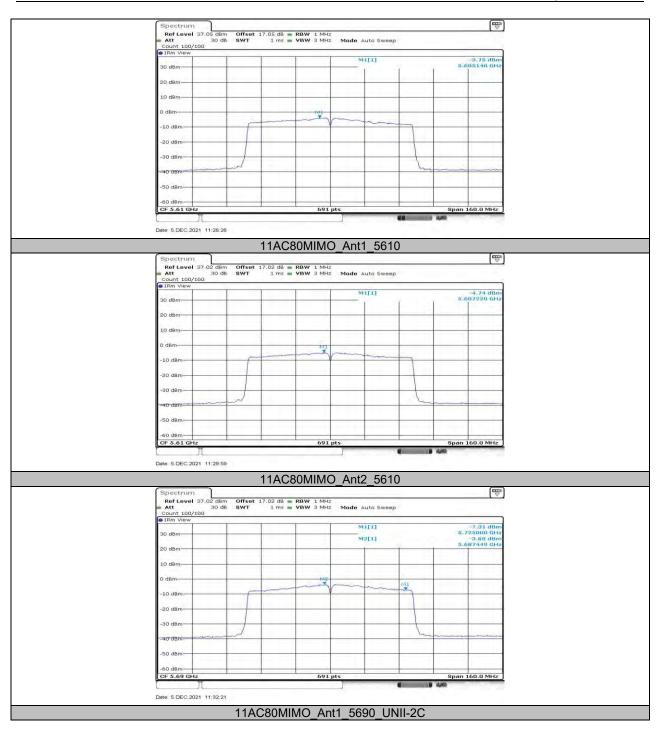






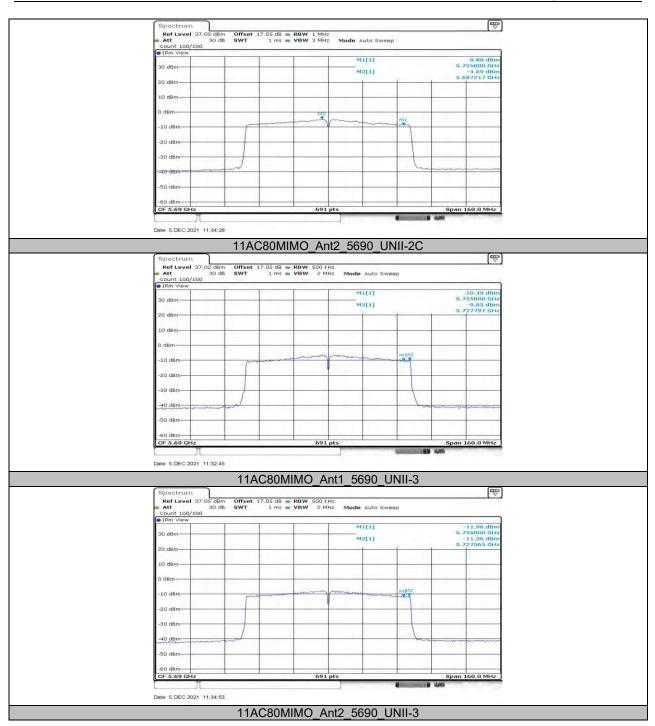






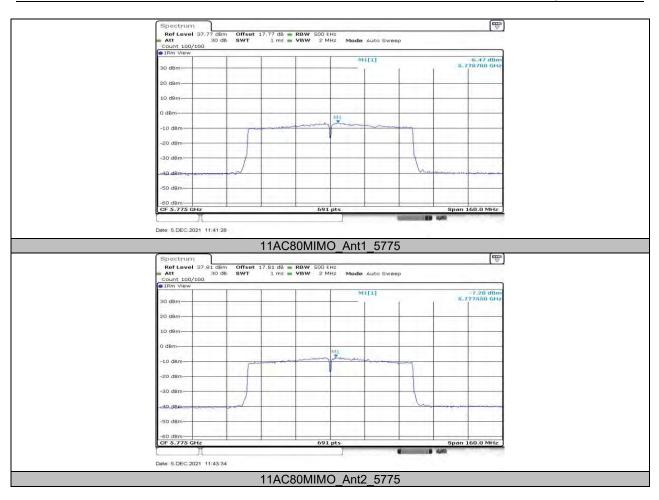
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#### 12.6. Appendix D: Duty Cycle 12.6.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.37	1.43	0.9580	95.80	0.19	0.73	1
11N20MIMO	1.28	1.34	0.9552	95.52	0.20	0.78	1
11N40MIMO	0.64	0.69	0.9275	92.75	0.33	1.56	2
11AC80MIMO	0.32	0.37	0.8649	86.49	0.63	3.13	4

Note:

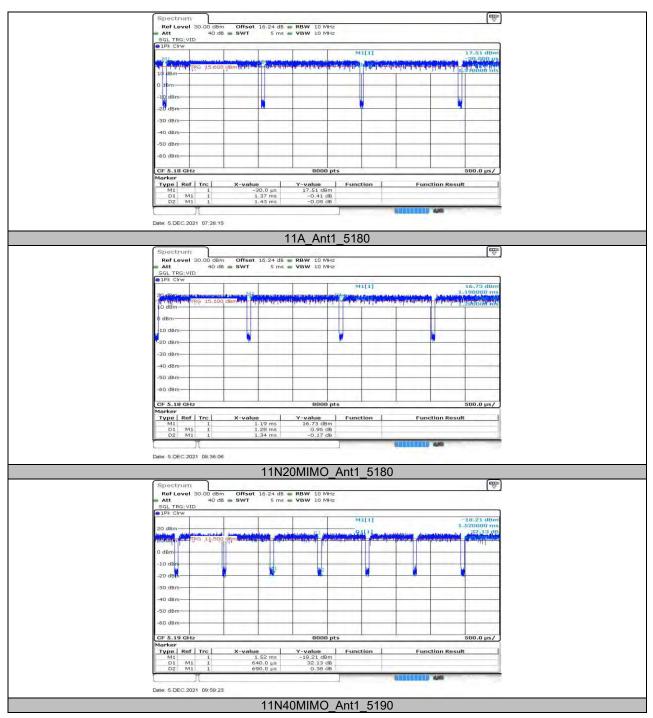
Duty Cycle Correction Factor= $10\log(1/x)$ .

Where: x is Duty Cycle (Linear)

Where: T is On Time

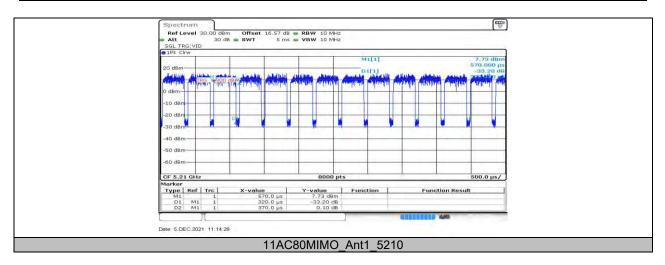
If that calculated VBW is not available on the analyzer then the next higher value should be used.





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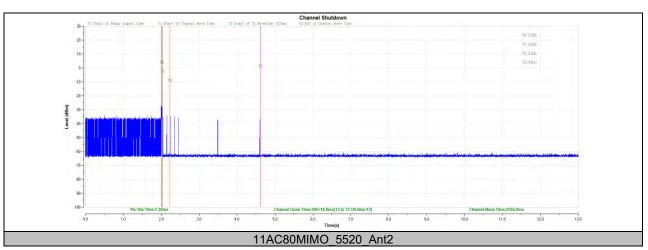


# 12.7. Appendix F: Channel Move Time and Channel Closing Transmission Time

12.7.1. Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80MIMO	5520	200+16.9	200+60	2594.8	10000	PASS





## 12.7.2. Test Graphs



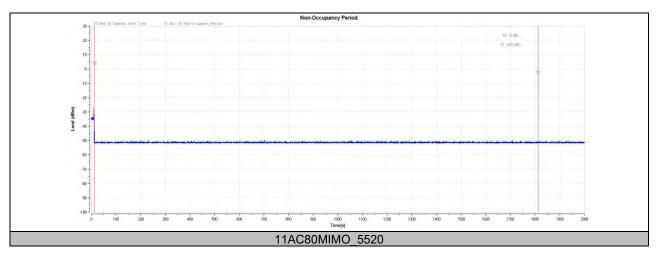
### 12.8. Appendix G: Non-Occupancy Period

### 12.8.1. Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AC80MIMO	5520	see test graph	≥1800	PASS









# 12.9. Appendix H: Frequency Stability 12.9.1. Test Result

	Frequency Error vs. Voltage									
802.11a20:5200MHz										
-	V - 14	0 Minute		2 Minute		5 Minute		10 Minute		
Temp.	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	
TN	VL	5199.9806	-3.73	5199.9825	-3.36	5199.9773	-4.37	5200.0155	2.98	
TN	VN	5199.9996	-0.07	5199.9779	-4.24	5199.9899	-1.94	5199.9870	-2.51	
TN	VH	5199.9815	-3.55	5200.0190	3.66	5200.0161	3.09	5200.0120	2.30	
	Frequency Error vs. Temperature									
802.11a:5200MHz										
		0 Minute		2 Minute		5 Minute		10 Minute		
Temp.	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	
70	VN	5200.0220	4.23	5199.9853	-2.83	5200.0072	1.38	5200.0180	3.47	
60	VN	5199.9855	-2.80	5200.0107	2.06	5199.9909	-1.75	5199.9880	-2.32	
50	VN	5199.9841	-3.05	5200.0127	2.45	5200.0087	1.67	5200.0019	0.37	
40	VN	5200.0241	4.63	5199.9864	-2.62	5200.0151	2.90	5199.9861	-2.67	
30	VN	5200.0223	4.29	5200.0098	1.88	5199.9978	-0.43	5200.0184	3.53	
20	VN	5199.9812	-3.62	5199.9821	-3.44	5200.0014	0.26	5199.9974	-0.49	
10	VN	5199.9925	-1.45	5199.9940	-1.15	5200.0027	0.52	5200.0133	2.56	
0	VN	5200.0236	4.53	5200.0017	0.32	5199.9827	-3.33	5200.0025	0.49	
-10	VN	5200.0234	4.51	5199.9759	-4.64	5200.0077	1.49	5200.0228	4.38	

Note:

All antennas and test modes have been tested, only the worst data record in the report.
For the detail Test Conditions, please refer to section 10 TEST ENVIRONMENT.



Frequency Error vs. Voltage									
802.11a:5825MHz									
Temp. Volt	Valt	0 Min	ute 2 Min		ute 5 Min		ute	10 Minute	
	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5824.9812	-3.23	5825.0000	0.00	5825.0090	1.54	5825.0231	3.96
TN	VN	5825.0034	0.59	5824.9801	-3.42	5824.9918	-1.41	5825.0137	2.35
TN	VH	5824.9849	-2.60	5824.9882	-2.02	5824.9990	-0.17	5825.0113	1.94
Frequency Error vs. Temperature									
802.11a:5825MHz									
_		0 Minute		2 Minute		5 Minute		10 Minute	
Temp.	Volt.	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5825.0138	2.37	5824.9943	-0.98	5824.9968	-0.55	5825.0200	3.43
60	VN	5825.0003	0.06	5824.9990	-0.17	5825.0089	1.53	5824.9848	-2.61
50	VN	5825.0178	3.05	5824.9896	-1.79	5825.0136	2.34	5825.0096	1.64
40	VN	5824.9885	-1.97	5825.0223	3.83	5824.9805	-3.35	5825.0111	1.91
30	VN	5825.0228	3.92	5825.0016	0.28	5824.9956	-0.76	5824.9904	-1.65
20	VN	5825.0081	1.40	5824.9779	-3.79	5824.9766	-4.02	5824.9960	-0.68
10	VN	5825.0246	4.23	5825.0243	4.18	5824.9796	-3.51	5825.0139	2.39
0	VN	5824.9880	-2.06	5825.0128	2.19	5825.0043	0.74	5825.0120	2.06
-10	VN	5824.9884	-1.99	5824.9792	-3.57	5824.9786	-3.68	5825.0181	3.10

Note:

1. All antennas and test modes have been tested, only the worst data record in the report.

2. For the detail Test Conditions, please refer to section 10 TEST ENVIRONMENT.

## **END OF REPORT**