



5.736280 G	• 1Pk View	Ť	T		MI	111			-1.82 dB
0 dBm 5.75000 G -10 dBm -2.720 dBm -20 dBm -10 dBm -20 dBm -10 dBm -30 dBm -10 dBm -30 dBm -10 dBm -50 dBm -10 dBm -70 dBm -10 dBm -10 dBm	10 dBm	_	_	M2	M2	[1]			736280 GI 3.28 dB
20 dBm 30 dBm	0 dBm-01 -0	2.720 dBm	Mil the Allette	Land Hill Hilly Land	att the states	-	HUL .	5.	io onscel
323.gtm.u. u	-10 dBm	_				_			
So dBm So dBm -60 dBm -70 dBm -70 dBm <td< td=""><td>-20 dBm-</td><td></td><td>N.</td><td></td><td>_</td><td></td><td>-</td><td>-</td><td>-</td></td<>	-20 dBm-		N.		_		-	-	-
So dBm So dBm -60 dBm -70 dBm -70 dBm <td< td=""><td>12391dporture-brouked</td><td>R Winner Marine</td><td></td><td></td><td></td><td>_</td><td>- August</td><td>annal month</td><td>Manual Maria</td></td<>	12391dporture-brouked	R Winner Marine				_	- August	annal month	Manual Maria
-60 dBm -70	-40 dBm	-		-					
OB Spen 160.0 MH OF 5.775 GHz 1001 pts Spen 160.0 MH Marker Type I Finction Function Result Marker 1 5.73029 GHz -1.82 dBm M2 1 5.7630 GHz -2.82 dBm M2 1 5.7630 GHz -2.82 dBm	-50 dBm			_				-	-
CF 5.775 GHz Spen 160.0 MH Morker 1001 pts Spen 160.0 MH Type ef Trc X-value Y-value Function Function Result M2 1 5.7630 GHz -1.82 dBm Function Function Result M2 1 5.7630 GHz 2.82 dBm Function Function Result	-60 dBm	-		_	-			-	-
Marker Yppe Perf Trc X-value Y-value Function Function Result M1 1 5.78029 GHz -1.92 dfm -1.92	-70 dBm			_		_	_		-
Marker Yppe Perf Trc X-value Y-value Function Function Result M1 1 5.78029 GHz -1.92 dfm -1.92				1001				0.000	
M1 1 5.73628 GHz -1.82 dBm M2 1 5.7638 GHz 3.28 dBm		-		1001	prs			abaii	100.0 000
	M1 M2	c ×	5.73628 GHz 5.7638 GHz	-1.82 dB 3.28 dB	m m	on	Fur	iction Resul	

Note: All the modes had been tested, but only the worst data was recorded in the report.



11.4. APPENDIX B: MAXIMUM AVERAGE CONDUCTED OUTPUT POWER 11.4.1. Test Result

Mode	Frequency (MHz)	Condu	icted Av	verage ((dBm)	Dutput F	Power	Directional Gain(dBi)	FCC Limit	ISED EIRP (dBm)	ISED Limit
	(ANT1	ANT2	ANT3	ANT4	Total	Can(abi)	(dBm)	Total	(dBm)
	5180	6.60	6.37	6.25	5.35	12.19	2.00	30.00	14.19	22.50
	5200	6.81	6.77	6.32	6.08	12.53	2.00	30.00	14.53	22.50
	5240	6.25	7.09	6.50	6.21	12.55	2.00	30.00	14.55	22.50
	5260	13.03	13.05	14.01	12.89	19.29	2.00	24.00	/	23.50
	5280	12.56	12.87	13.04	12.60	18.79	2.00	24.00	/	23.50
	5320	12.84	12.91	13.44	13.37	19.17	2.00	24.00	/	23.50
802.11a	5500	13.23	13.20	12.99	13.23	19.18	2.00	24.00	/	23.50
002.11a	5580	13.11	12.84	13.43	13.26	19.19	2.00	24.00	/	23.50
	5700	12.75	13.33	13.16	13.64	19.25	2.00	24.00	/	23.50
	5720-2c	11.36	12.12	12.06	12.26	17.98	2.00	24.00	/	23.50
	5720-3	1.69	2.76	3.28	2.41	8.59	2.00	30.00	/	30.00
	5745	18.78	19.12	17.13	19.64	24.78	2.00	30.00	/	30.00
	5785	18.46	18.47	17.40	18.68	24.30	2.00	30.00	/	30.00
	5825	18.05	17.90	16.09	18.13	23.64	2.00	30.00	/	30.00
	5180	6.90	7.07	6.40	6.25	12.69	8.02	27.98	20.71	22.50
	5200	7.02	7.26	6.07	5.88	12.62	8.02	27.98	20.64	22.50
	5240	6.82	6.77	6.51	5.96	12.55	8.02	27.98	20.57	22.50
	5260	13.52	13.05	13.80	13.28	19.44	8.02	21.98	/	23.50
	5280	13.74	13.77	13.85	13.44	19.72	8.02	21.98	/	23.50
	5320	13.52	13.45	14.08	13.93	19.77	8.02	21.98	/	23.50
	5500	13.92	13.68	13.58	13.47	19.69	8.02	21.98	/	23.50
802.11n HT20	5580	13.41	13.09	13.36	13.33	19.32	8.02	21.98	/	23.50
	5700	13.54	14.06	13.63	14.09	19.86	8.02	21.98	/	23.50
	5720-2c	11.98	12.47	12.83	12.85	18.57	8.02	21.98	/	23.50
	5720-3	3.15	3.91	4.73	4.14	10.04	8.02	27.98	/	24.00
	5745	18.94	19.25	17.32	19.52	24.86	8.02	27.98	/	27.98
	5785	18.82	18.55	17.55	18.61	24.43	8.02	27.98	/	27.98
	5825	18.46	18.29	16.26	18.31	23.94	8.02	27.98	/	27.98
	5190	8.09	8.40	7.92	7.91	14.11	8.02	27.98	22.13	23.00
	5230	8.48	9.02	8.69	8.69	14.74	8.02	27.98	22.77	23.00
	5270	14.99	15.18	15.49	15.32	21.27	8.02	21.98	/	24.00
	5310	15.17	15.56	15.97	15.75	21.64	8.02	21.98	/	24.00
802.11n HT40	5510	15.59	15.77	16.13	15.85	21.86	8.02	21.98	/	24.00
	5550	15.44	16.19	15.70	15.93	21.84	8.02	21.98	/	24.00
	5670	15.14	15.42	15.04	15.19	21.22	8.02	21.98	/	24.00
	5710-2c	14.26	15.33	14.69		20.85	8.02	21.98	/	24.00

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	5710-3	1.59	1.79	1.95	1.42	7.71	8.02	27.98	/	24.00
	5755	19.96	20.40	18.88	20.94	26.13	8.02	27.98	/	27.98
	5795	19.55	20.09	18.59	19.87	25.58	8.02	27.98	/	27.98
	5210	8.64	8.50	7.78	7.79	14.22	8.02	27.98	22.24	23.00
	5290	15.01	14.97	15.29	15.00	21.09	8.02	21.98	/	24.00
	5530	15.29	15.62	15.79	15.42	21.55	8.02	21.98	/	24.00
802.11ac VHT80	5610	15.05	15.20	15.12	15.31	21.19	8.02	21.98	/	24.00
	5690-2c	15.69	16.20	15.64	15.66	21.82	8.02	21.98	/	24.00
	5690-3	0.86	1.27	1.16	0.48	6.97	8.02	27.98	/	24.00
	5775	20.63	20.72	19.28	20.80	26.42	8.02	27.98	/	27.98
	5250-1	8.49	8.42	8.21	8.08	14.32	8.02	27.98	22.34	23.00
802.11ac VHT160	5250-2a	6.59	6.80	6.79	6.83	12.77	8.02	21.98	/	24.00
	5570	14.65	14.08	12.86	13.83	19.92	8.02	21.98	/	24.00
	5180	7.41	7.35	6.98	6.77	13.16	8.02	27.98	21.18	22.50
	5200	7.44	8.02	6.69	6.70	13.27	8.02	27.98	21.29	22.50
	5240	6.38	7.19	7.41	6.68	12.95	8.02	27.98	20.98	22.50
	5260	13.50	13.58	14.19	13.53	19.73	8.02	21.98	/	23.50
	5280	13.62	14.19	14.20	13.92	20.01	8.02	21.98	/	23.50
	5320	13.25	13.85	14.26	14.09	19.90	8.02	21.98	/	23.50
802.11ax HE20	5500	13.41	14.12	13.75	13.91	19.83	8.02	21.98	/	23.50
802.11ax HE20	5580	13.93	14.23	14.50	14.19	20.24	8.02	21.98	/	23.50
	5700	13.03	13.88	13.70	13.86	19.65	8.02	21.98	/	23.50
	5720-2c	11.15	12.39	12.32	12.43	18.12	8.02	21.98	/	23.50
	5720-3	5.41	6.37	6.60	6.38	12.23	8.02	27.98	/	24.00
	5745	12.86	13.44	13.73	13.86	19.51	8.02	27.98	/	27.98
	5785	12.39	12.95	13.18	13.31	18.99	8.02	27.98	/	27.98
	5825	12.27	12.54	12.84	12.23	18.50	8.02	27.98	/	27.98
	5190	8.41	8.56	8.12	7.92	14.28	8.02	27.98	22.30	23.00
	5230	8.48	8.80	8.70	8.53	14.65	8.02	27.98	22.67	23.00
	5270	15.19	15.15	15.31	14.80	21.14	8.02	21.98	/	24.00
	5310	15.20	15.33	15.60	15.41	21.41	8.02	21.98	/	24.00
	5510	15.12	15.61	15.84	15.32	21.50	8.02	21.98	/	24.00
802.11ax HE40	5550	15.61	16.12	15.58	15.88	21.82	8.02	21.98	/	24.00
	5670	15.40	15.49	15.12	15.05	21.29	8.02	21.98	/	24.00
	5710-2c	14.67	15.05	14.54	14.78	20.78	8.02	21.98	/	24.00
	5710-3	4.70	4.64	4.81	4.41	10.66	8.02	27.98	/	24.00
	5755	14.37	14.61	15.23	15.32	20.92	8.02	27.98	/	27.98
	5795	14.09	14.64	14.64	14.69	20.54	8.02	27.98	/	27.98
	5210	9.12	9.10	8.44	8.24	14.76	8.02	27.98	22.78	23.00
	5290	15.77	15.56	15.64	15.43	21.62	8.02	21.98	/	24.00
802.11ax HE80	5530	15.68	15.71	15.59	15.35	21.61	8.02	21.98	/	24.00
	5610	15.23	15.19	15.14	15.29	21.23	8.02	21.98	/	24.00

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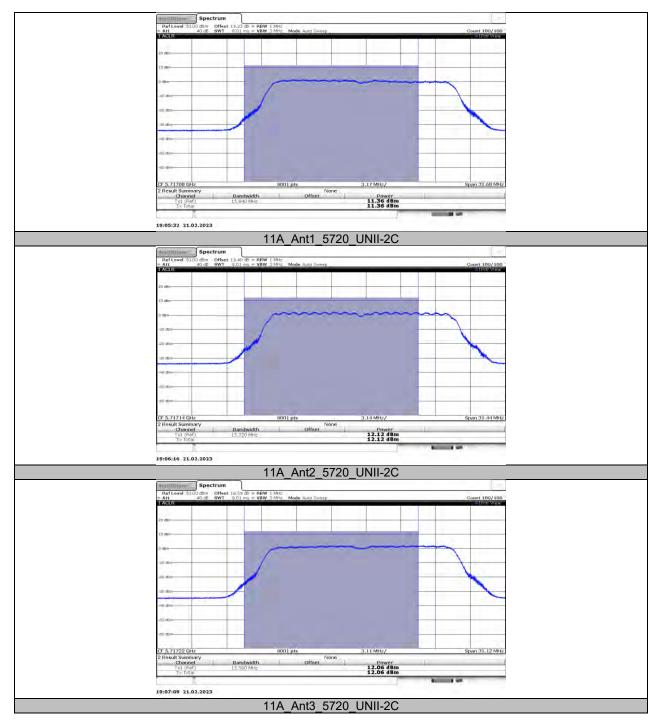
	5690-2c	15.77	16.29	15.69	15.59	21.86	8.02	21.98	/	24.00
	5690-3	2.36	2.62	2.67	1.91	8.42	8.02	27.98	/	24.00
	5775	18.04	18.39	18.77	18.72	24.51	8.02	27.98	/	27.98
	5250-1	8.88	8.83	8.38	8.28	14.62	8.02	27.98	22.64	23.00
802.11ax HE160	5250-2a	8.24	8.17	7.94	7.95	14.10	8.02	21.98	/	24.00
	5570	11.02	11.87	12.78	12.76	18.19	8.02	21.98	/	27.98

Note: The Duty Cycle Factor is compensated in the graph.

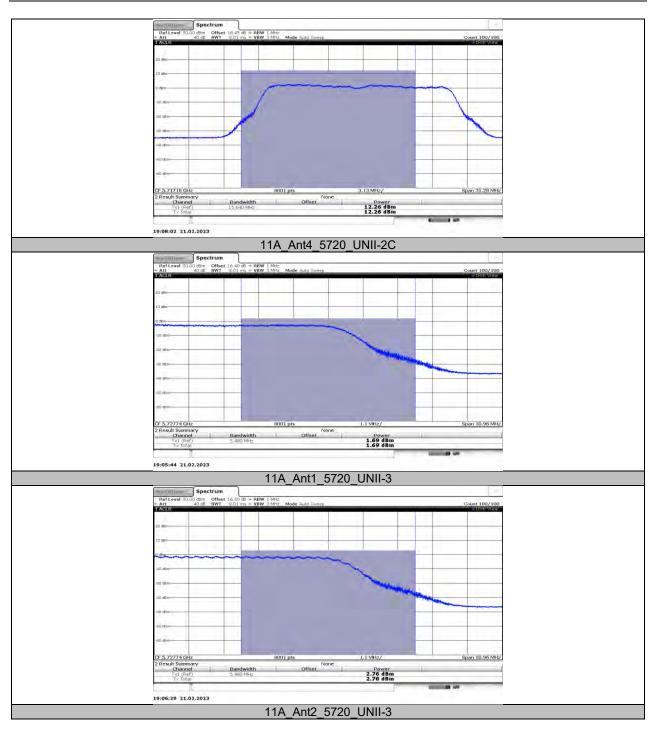
Note: All the modes had been tested, but only the worst data was recorded in the report.



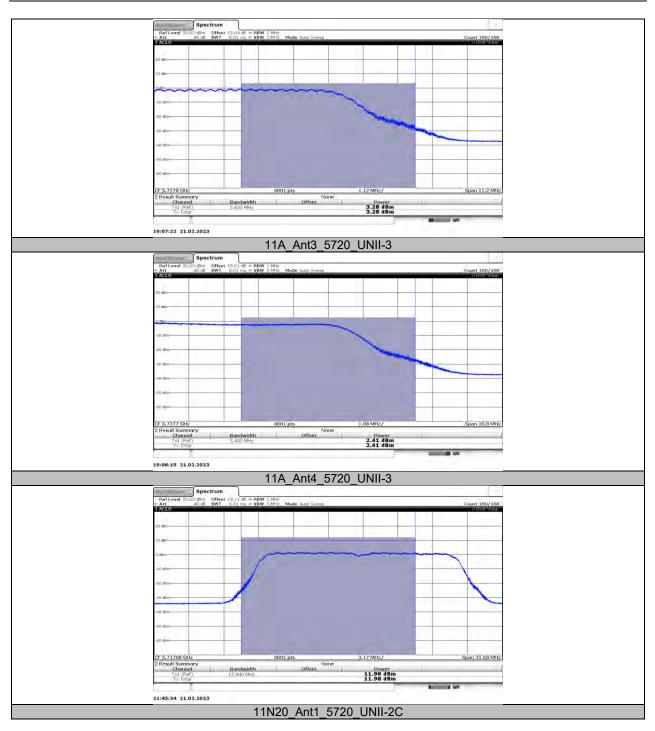
11.4.2. Test Graphs



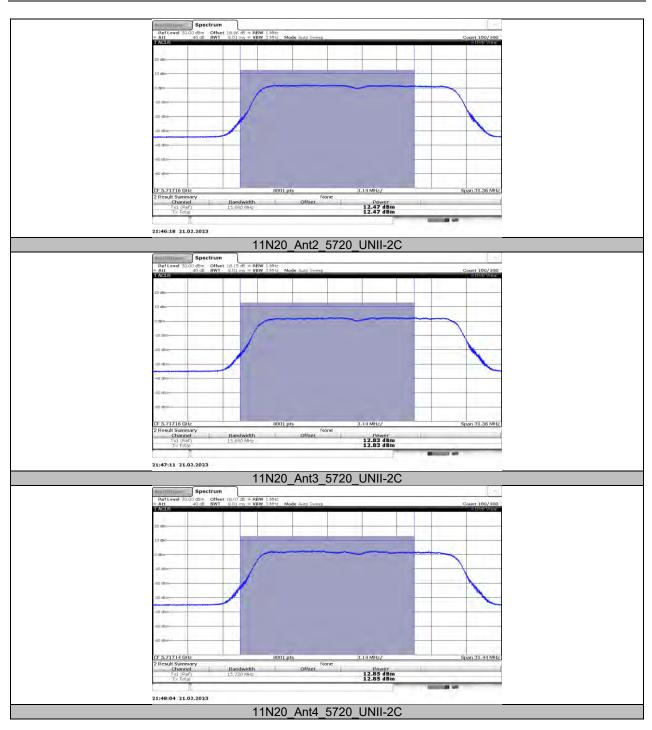




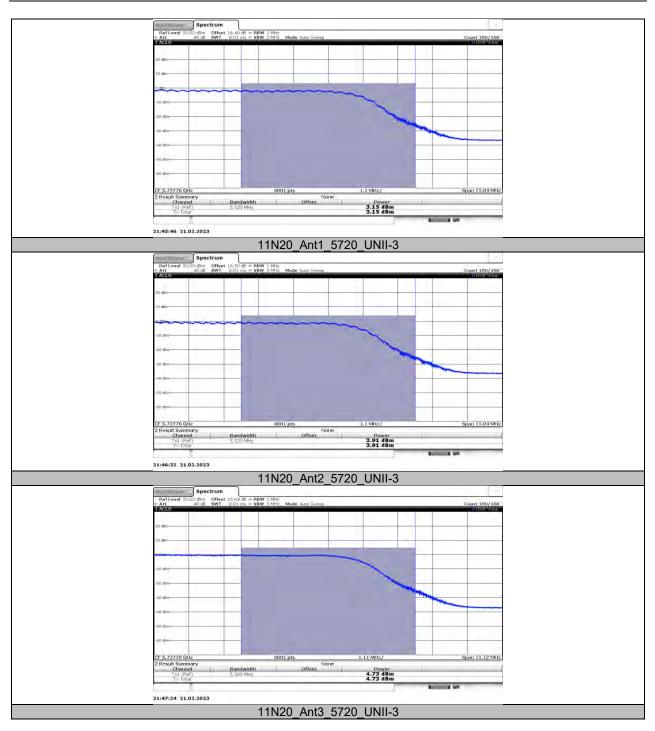




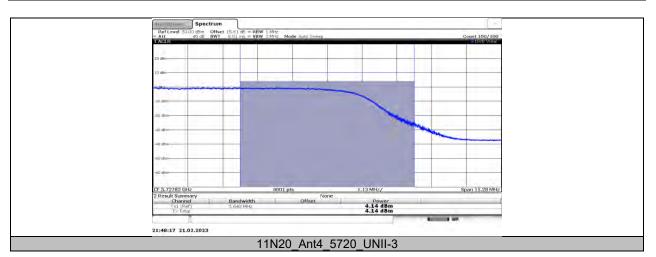


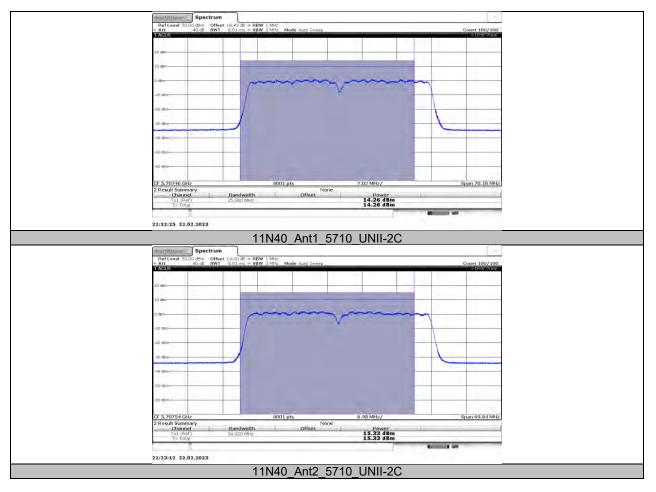




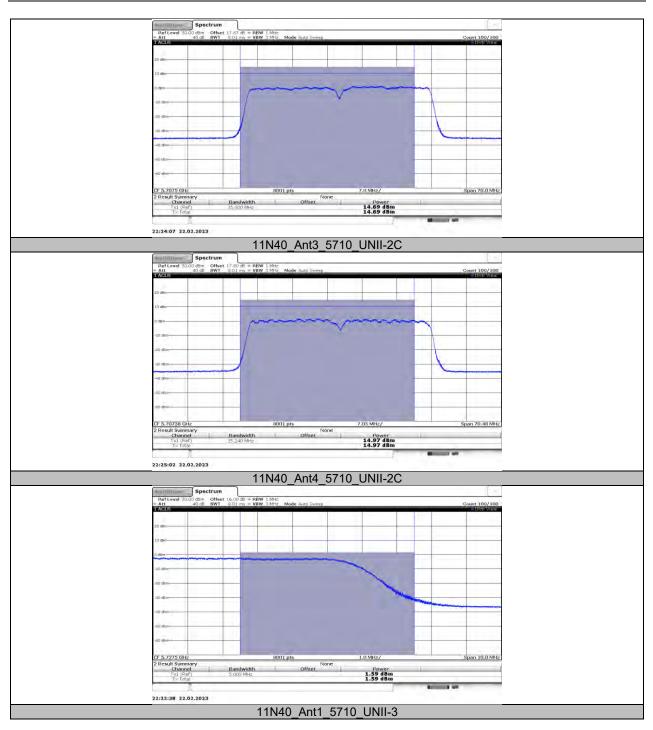




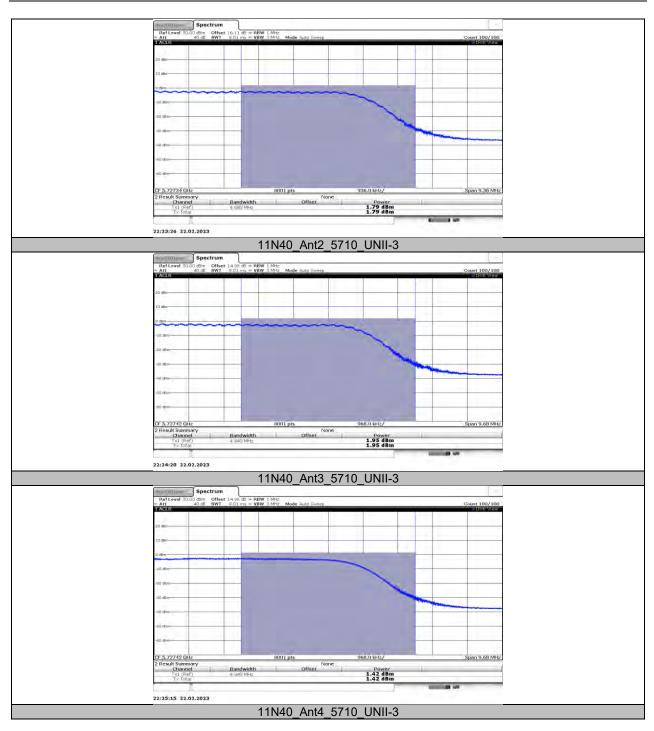




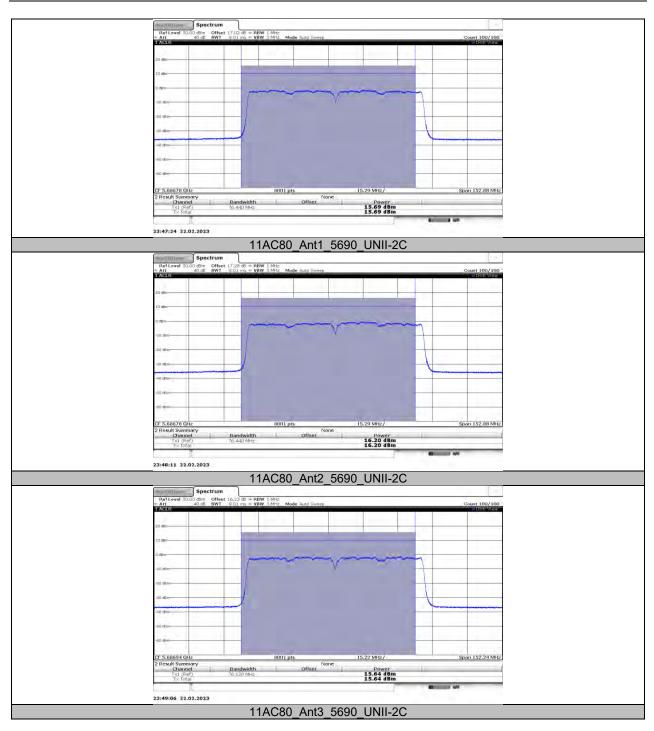




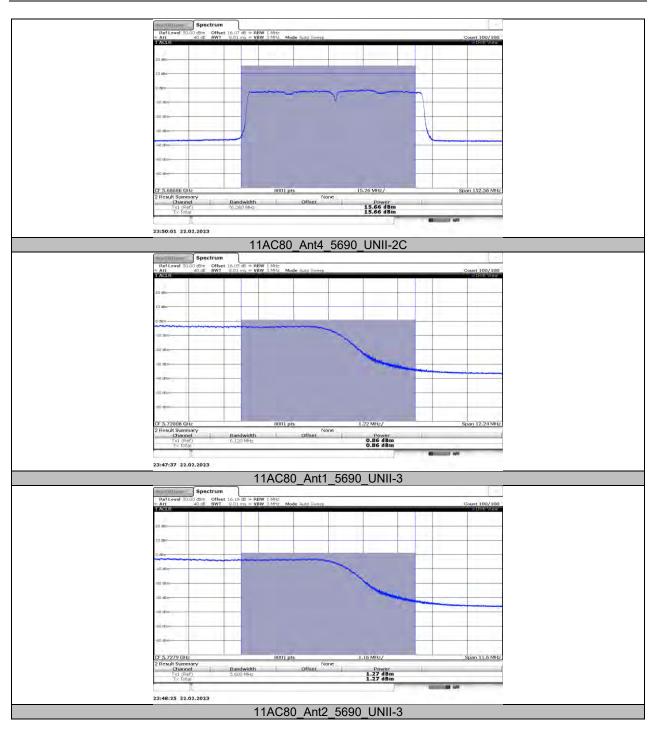




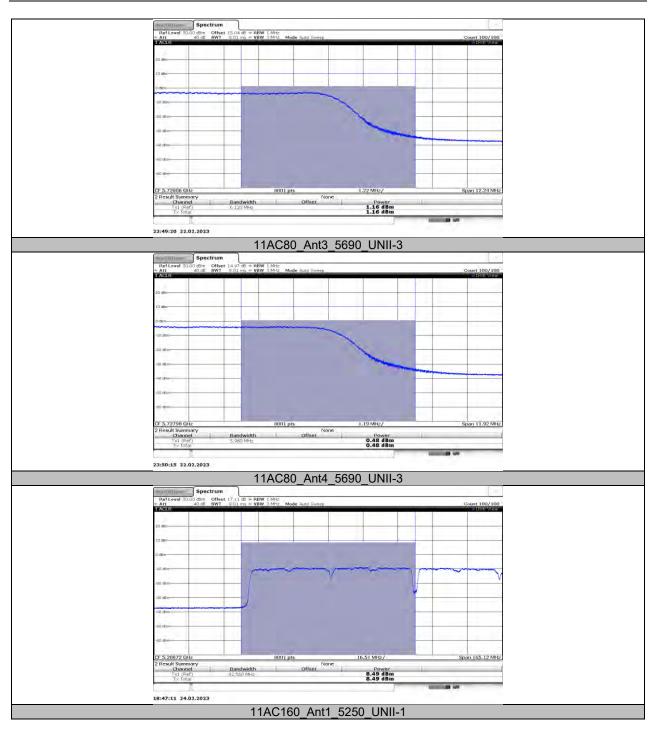




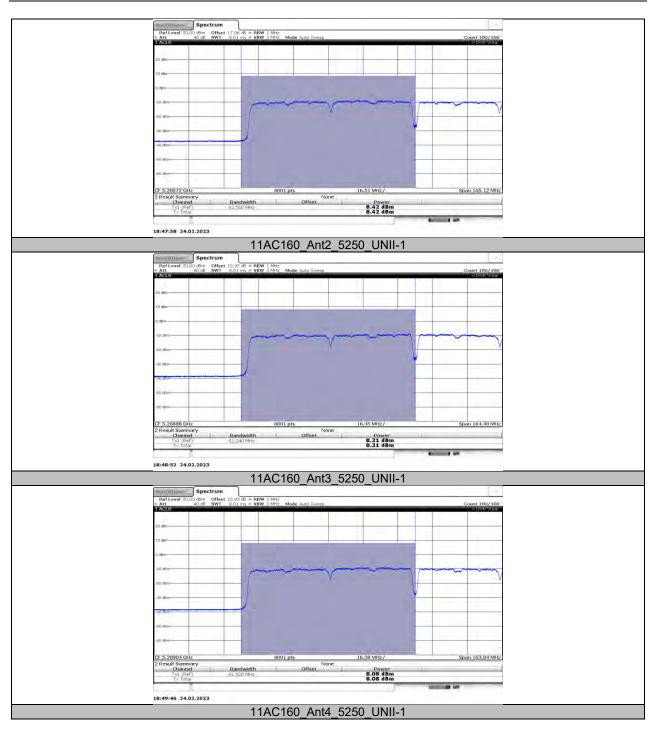




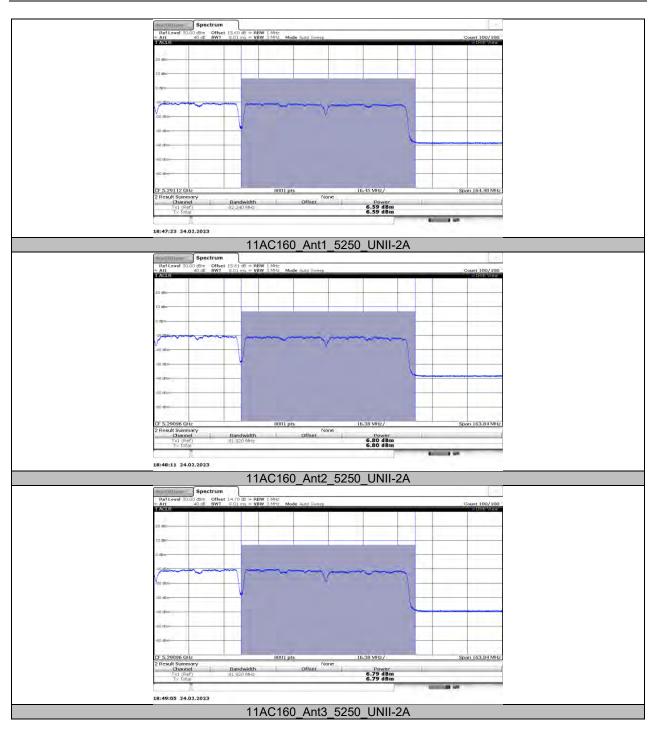




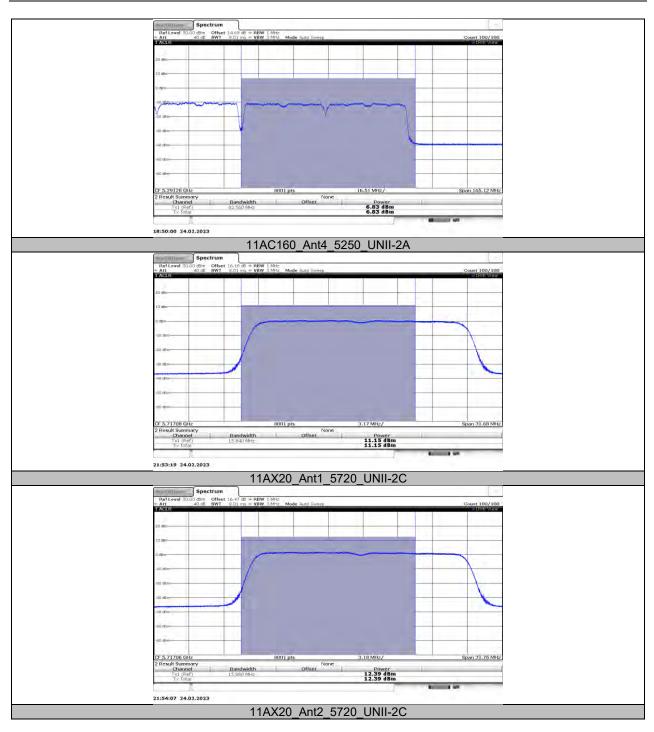




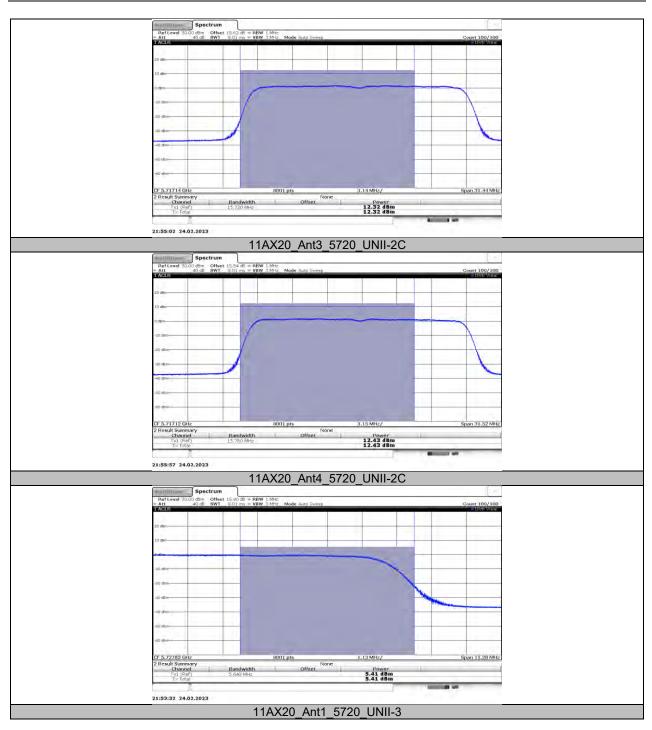




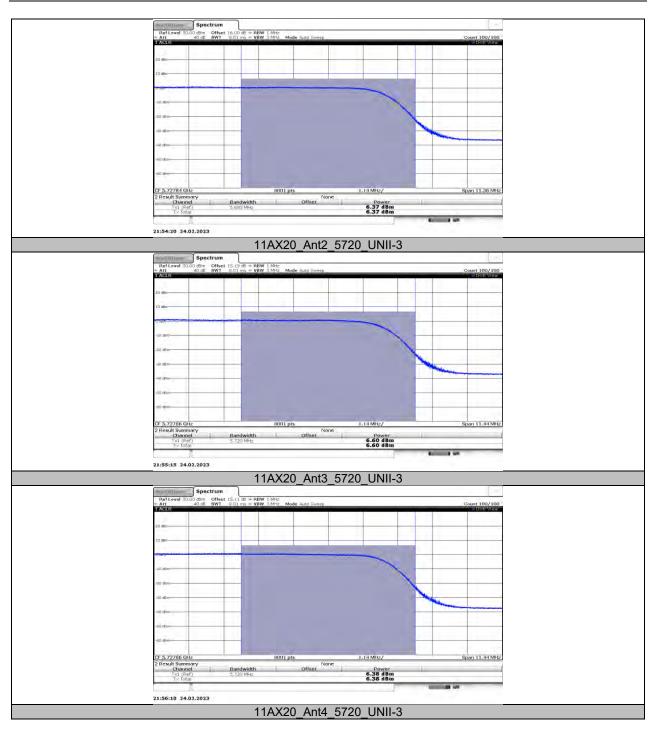




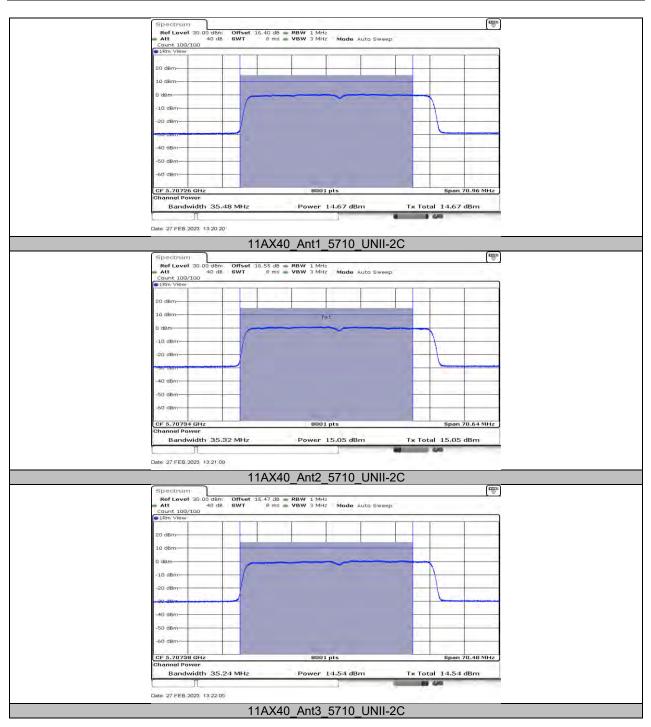




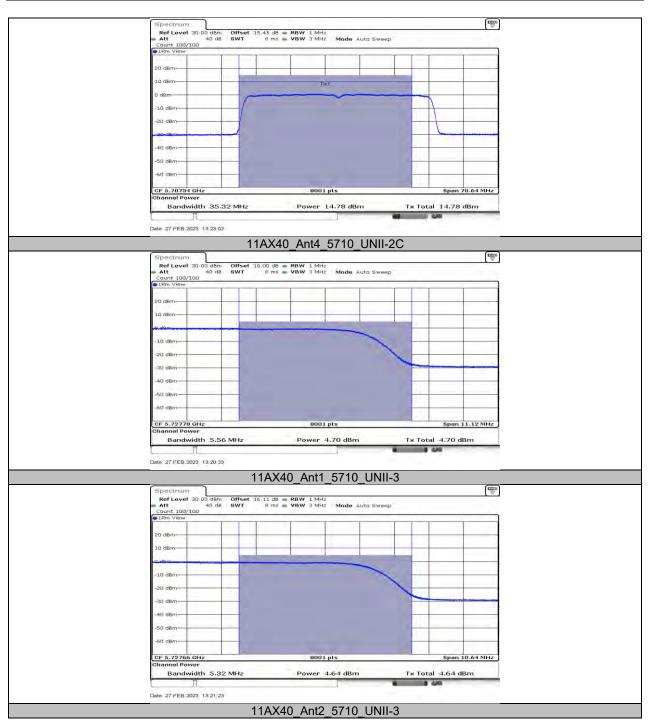




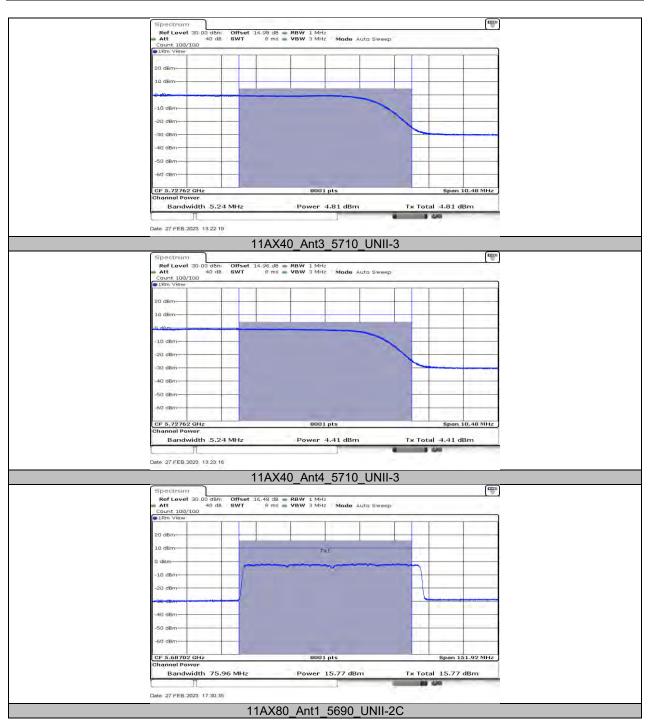








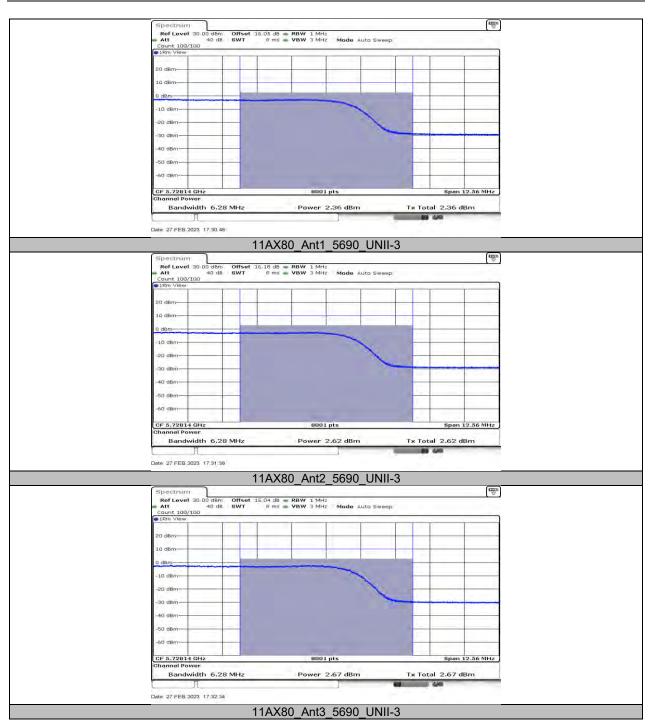




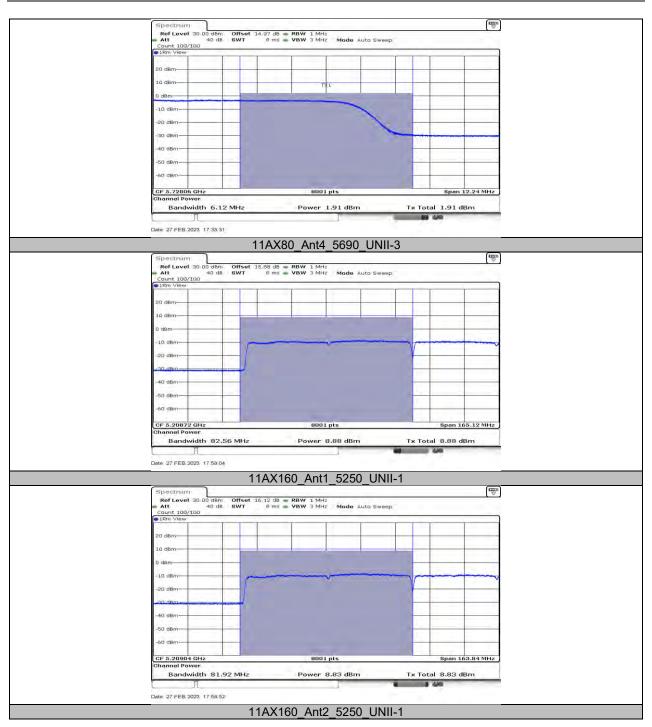




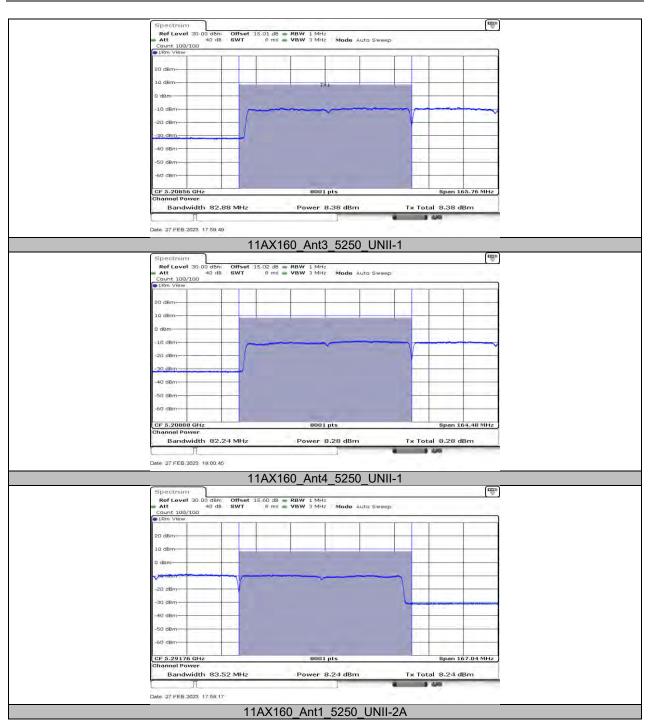




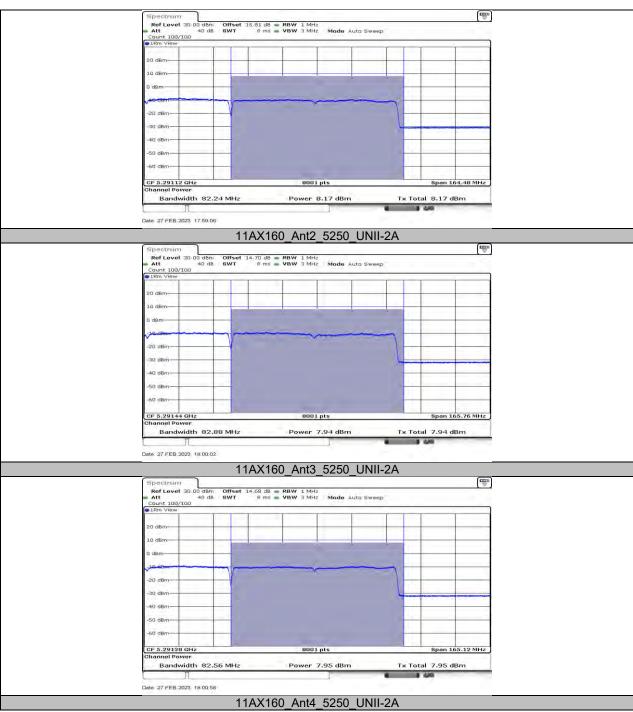












Note: All the modes had been tested, but only the worst data was recorded in the report.



11.5. APPENDIX C: MAXIMUM POWER SPECTRAL DENSITY 11.5.1. Test Result

Mode	Frequency (MHz)			PSD 5MHz(d MHz(dB	-		Directional Gain(dBi)	FCC Limit	PSD EIRP	ISED Limit
	, , ,	ANT1	ANT2	ANT3	ANT4	Total			Total	
	5180	-4.38	-3.93	-4.48	-5.39	1.51	8.02	14.98	9.528	10.00
	5200	-4.2	-4.23	-4.43	-4.37	1.71	8.02	14.98	9.735	10.00
	5240	-4.58	-3.72	-3.96	-4.5	1.85	8.02	14.98	9.866	10.00
	5260	2.06	1.94	3.11	2.1	8.35	8.02	8.98	/	8.98
	5280	1.58	2.24	2.2	2.04	8.04	8.02	8.98	/	8.98
	5320	2.19	1.89	2.88	2.51	8.40	8.02	8.98	/	8.98
002 11-	5500	2.55	2.33	2.59	2.3	8.47	8.02	8.98	/	8.98
802.11a	5580	2.59	2.09	2.81	2.41	8.50	8.02	8.98	/	8.98
	5700	1.9	2.58	2.34	3.14	8.53	8.02	8.98	/	8.98
	5720-2c	1.49	2.01	2.3	2.74	8.18	8.02	8.98	/	8.98
	5720-3	-2.14	-1.52	-0.76	-1.06	4.68	8.02	27.98	/	27.98
	5745	5.24	4.94	3.18	6.04	10.99	8.02	27.98	/	27.98
	5785	4.9	4.7	3.65	5.29	10.70	8.02	27.98	/	27.98
	5825	4.36	4.06	2.43	4.35	9.89	8.02	27.98	/	27.98
	5180	-3.99	-3.59	-4.61	-4.92	1.77	8.02	14.98	9.795	10.00
	5200	-4.17	-3.88	-5.21	-5.01	1.49	8.02	14.98	9.509	10.00
	5240	-4.38	-4.24	-4.48	-5.05	1.49	8.02	14.98	9.514	10.00
	5260	2.33	1.74	2.69	2.23	8.28	8.02	8.98	/	8.98
	5280	2.56	2.64	2.7	2.29	8.57	8.02	8.98	/	8.98
	5320	2.41	2.35	3.25	3.1	8.82	8.02	8.98	/	8.98
802.11n	5500	2.74	2.89	2.55	2.26	8.64	8.02	8.98	/	8.98
HT20	5580	2.44	2	2.34	2.24	8.28	8.02	8.98	/	8.98
	5700	2.66	3.17	2.42	2.96	8.83	8.02	8.98	/	8.98
	5720-2c	2.15	2.3	2.96	2.83	8.59	8.02	8.98	/	8.98
	5720-3	-1.91	-0.9	-0.25	-0.83	5.09	8.02	27.98	/	27.98
	5745	4.82	5.42	3.57	5.58	10.94	8.02	27.98	/	27.98
	5785	4.79	4.47	3.6	4.8	10.46	8.02	27.98	/	27.98
	5825	4.44	4.18	2.23	4.47	9.94	8.02	27.98	/	27.98
	5190	-5.67	-5.47	-5.65	-6.13	0.30	8.02	14.98	8.318	10.00
	5230	-5.4	-4.96	-5.2	-5.36	0.79	8.02	14.98	8.815	10.00
	5270	0.77	1.22	1.73	1.32	7.29	8.02	8.98	/	8.98
802.11n	5310	1.57	1.87	2.23	1.85	7.91	8.02	8.98	/	8.98
HT40	5510	2.06	2.19	2.01	1.82	8.04	8.02	8.98	/	8.98
	5550	1.28	2.15	1.9	1.83	7.82	8.02	8.98	/	8.98
	5670	1.3	1.27	1.11	1.55	7.33	8.02	8.98	/	8.98
	5710-2c	0.55	1.82	1.24	1.65	7.36	8.02	8.98	/	8.98

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	5710-3	-2.98	-2.66	-2.01	-2.74	3.44	8.02	27.98	/	27.98
	5755	3.32	3.7	2.26	4.36	9.50	8.02	27.98	/	27.98
	5795	2.97	3.24	2.17	2.9	8.86	8.02	27.98	/	27.98
	5210	-8.34	-8.49	-9.37	-9.48	-2.87	8.02	14.98	, 5.151	10.00
-	5290	-2.29	-1.96	-1.47	-2.05	4.09	8.02	8.98	/	8.98
·	5530	-1.45	-0.83	-0.8	-1.63	4.86	8.02	8.98	/	8.98
802.11ac	5610	-2.14	-1.74	-1.8	-1.63	4.20	8.02	8.98	/	8.98
VHT80	5690-2c	-1.53	-0.31	-1.41	-0.96	4.99	8.02	8.98	/	8.98
	5690-3	-5.34	-4.79	-4.51	-5.83	0.93	8.02	27.98	/	27.98
·	5775	0.99	1.11	-0.56	1.36	6.81	8.02	27.98	/	27.98
	5250-1	-8.65	-8.6	-8.77	-8.81	-2.69	8.02	14.98	5.335	10.00
802.11ac	5250-2a	-9.21	-9.27	-8.85	-9.11	-3.09	8.02	8.98	/	8.98
VHT160	5570	-5.34	-6.08	-6.91	-6.54	-0.16	8.02	8.98	/	8.98
	5180	-3.95	-4.04	-4.37	-4.74	1.76	8.02	14.98	9.777	10.00
-	5200	-4.06	-3.4	-4.6	-4.79	1.84	8.02	14.98	9.863	10.00
	5240	-5.15	-4.23	-4	-4.61	1.54	8.02	14.98	9.565	10.00
	5260	1.94	1.96	3.01	2.1	8.30	8.02	8.98	/	8.98
	5280	1.92	2.7	2.84	2.41	8.50	8.02	8.98	/	8.98
	5320	1.64	2.23	2.88	2.66	8.40	8.02	8.98	/	8.98
802.11ax	5500	1.88	2.76	2.37	2.6	8.44	8.02	8.98	/	8.98
HE20	5580	2.42	2.85	2.81	2.89	8.77	8.02	8.98	/	8.98
	5700	1.47	2.17	2.15	2.4	8.08	8.02	8.98	/	8.98
	5720-2c	0.74	2.03	2.09	2.23	7.83	8.02	8.98	/	8.98
•	5720-3	-2.75	-1.69	-1.41	-1.41	4.24	8.02	27.98	/	27.98
•	5745	-1.32	-1	-1.09	-1.01	4.92	8.02	27.98	/	27.98
•	5785	-2.02	-1.68	-1.12	-0.96	4.60	8.02	27.98	/	27.98
-	5825	-2.37	-1.96	-1.61	-2.28	3.98	8.02	27.98	/	27.98
	5190	-6.04	-5.91	-6.31	-6.57	-0.18	8.02	14.98	7.841	10.00
-	5230	-6.12	-5.8	-5.54	-6.07	0.14	8.02	14.98	8.165	10.00
	5270	0.74	0.51	1.14	0.13	6.67	8.02	8.98	/	8.98
	5310	1	1.02	1.29	0.92	7.08	8.02	8.98	/	8.98
	5510	0.76	1.65	1.44	1.23	7.30	8.02	8.98	/	8.98
802.11ax HE40	5550	0.73	1.74	1.34	1.38	7.33	8.02	8.98	/	8.98
ΠE40	5670	0.87	0.61	0.43	0.33	6.59	8.02	8.98	/	8.98
	5710-2c	0.47	0.8	0.49	0.8	6.66	8.02	8.98	/	8.98
	5710-3	-2.9	-2.75	-2.72	-3.09	3.16	8.02	27.98	/	27.98
	5755	-2.64	-2.82	-2.22	-2.31	3.53	8.02	27.98	/	27.98
	5795	-3.02	-2.69	-2.31	-3.01	3.27	8.02	27.98	/	27.98
	5210	-8.5	-8.32	-8.96	-9.64	-2.81	8.02	14.98	5.215	10.00
802.11ax	5290	-1.96	-2.09	-1.98	-2.13	3.98	8.02	8.98	/	8.98
HE80	5530	-1.49	-1.38	-1.24	-2.21	4.46	8.02	8.98	/	8.98
	5610	-2.41	-2.57	-2.09	-2.22	3.70	8.02	8.98	/	8.98



	5690-2c	-1.73	-0.89	-1.53	-1.77	4.56	8.02	8.98	/	8.98
	5690-3	-5.43	-4.82	-5.04	-5.81	0.76	8.02	27.98	/	27.98
	5775	-2.05	-1.34	-1.27	-1.31	4.54	8.02	27.98	/	27.98
	5250-1	-8.68	-8.61	-9.08	-8.79	-2.77	8.02	14.98	5.255	10.00
802.11ax HE160	5250-2a	-9.3	-9.27	-9.13	-9.46	-3.27	8.02	8.98	/	8.98
112100	5570	-9.16	-8.33	-7.34	-7.89	-2.11	8.02	27.98	/	27.98

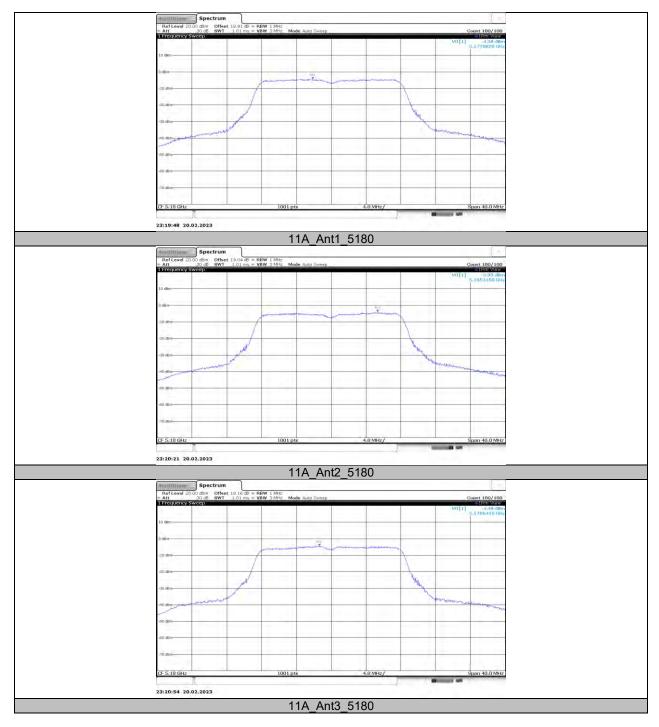
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.

2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Note: All the modes had been tested, but only the worst data was recorded in the report.



11.5.2. Test Graphs



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