

REPORT NO.: 4790724057-RF-2

Page 574 of 812

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

Mode	Frequency (MHz)	) (abiii)					Directional Gain(dBi)	FCC Limit	ISED EIRP (dBm)	ISED Limit
	, ,	ANT1	ANT2	ANT3	ANT4	Total	, ,	(dBm)	EIRP	(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	1	23.50
	5280	12.56	12.87	13.04	12.60	18.79	2.00	24.00	1	23.50
	5320	12.84	12.91	13.44	13.37	19.17	2.00	24.00	1	23.50
000 11-	5500	13.23	13.20	12.99	13.23	19.18	2.00	24.00	1	23.50
802.11a	5580	13.11	12.84	13.43	13.26	19.19	2.00	24.00	1	23.50
	5700	12.75	13.33	13.16	13.64	19.25	2.00	24.00	1	23.50
	5720-2c	11.36	12.12	12.06	12.26	17.98	2.00	24.00	1	23.50
	5720-3	1.69	2.76	3.28	2.41	8.59	2.00	30.00	1	30.00
	5745	18.78	19.12	17.13	19.64	24.78	2.00	30.00	1	30.00
	5785	18.46	18.47	17.40	18.68	24.30	2.00	30.00	1	30.00
	5825	18.05	17.90	16.09	18.13	23.64	2.00	30.00	1	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	1	23.50
	5280	13.74	13.77	13.85	13.44	19.72	8.02	21.98	1	23.50
	5320	13.52	13.45	14.08	13.93	19.77	8.02	21.98	1	23.50
	5500	13.92	13.68	13.58	13.47	19.69	8.02	21.98	1	23.50
802.11n HT20	5580	13.41	13.09	13.36	13.33	19.32	8.02	21.98	1	23.50
	5700	13.54	14.06	13.63	14.09	19.86	8.02	21.98	1	23.50
	5720-2c	11.98	12.47	12.83	12.85	18.57	8.02	21.98	1	23.50
	5720-3	3.15	3.91	4.73	4.14	10.04	8.02	27.98	1	24.00
	5745	18.94	19.25	17.32	19.52	24.86	8.02	27.98	1	27.98
	5785	18.82	18.55	17.55	18.61	24.43	8.02	27.98	1	27.98
	5825	18.46	18.29	16.26	18.31	23.94	8.02	27.98	1	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	1	24.00
	5310	15.17	15.56	15.97	15.75	21.64	8.02	21.98	1	24.00
802.11n HT40	5510	15.59	15.77	16.13		21.86	8.02	21.98	/	24.00
	5550	15.44	16.19	15.70		21.84	8.02	21.98	1	24.00
	5670	15.14	15.42	15.04		21.22	8.02	21.98	/	24.00
	5710-2c	14.26	15.33	14.69	14.97	20.85	8.02	21.98	/	24.00

REPORT NO.: 4790724057-RF-2

Page 575 of 812

	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	1	23.50
	5280	13.62	14.19	14.20	13.92	20.01	8.02	21.98	1	23.50
	5320	13.25	13.85	14.26	14.09	19.90	8.02	21.98	1	23.50
000 44 11500	5500	13.41	14.12	13.75	13.91	19.83	8.02	21.98	1	23.50
802.11ax HE20	5580	13.93	14.23	14.50	14.19	20.24	8.02	21.98	1	23.50
	5700	13.03	13.88	13.70	13.86	19.65	8.02	21.98	1	23.50
	5720-2c	11.15	12.39	12.32	12.43	18.12	8.02	21.98	1	23.50
	5720-3	5.41	6.37	6.60	6.38	12.23	8.02	27.98	1	24.00
	5745	12.86	13.44	13.73	13.86	19.51	8.02	27.98	1	27.98
	5785	12.39	12.95	13.18	13.31	18.99	8.02	27.98	1	27.98
	5825	12.27	12.54	12.84	12.23	18.50	8.02	27.98	1	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	1	24.00
	5310	15.20	15.33	15.60	15.41	21.41	8.02	21.98	1	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	1	24.00
	5670	15.40	15.49	15.12	15.05	21.29	8.02	21.98	1	24.00
	5710-2c	14.67	15.05	14.54	14.78	20.78	8.02	21.98	1	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	1	27.98
	5795	14.09	14.64	14.64	14.69	20.54	8.02	27.98	1	27.98
	5210	9.12	9.10	8.44	8.24	14.76	8.02	27.98	22.78	23.00
000 44-2 1500	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



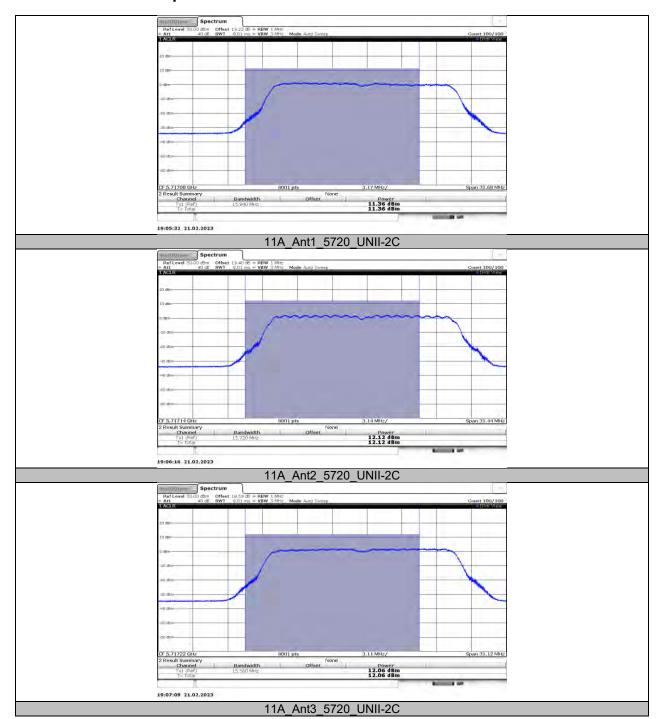
REPORT NO.: 4790724057-RF-2 Page 576 of 812

	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	1	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	1	24.00
	5570	11.02	11.87	12.78	12.76	18.19	8.02	21.98	/	27.98

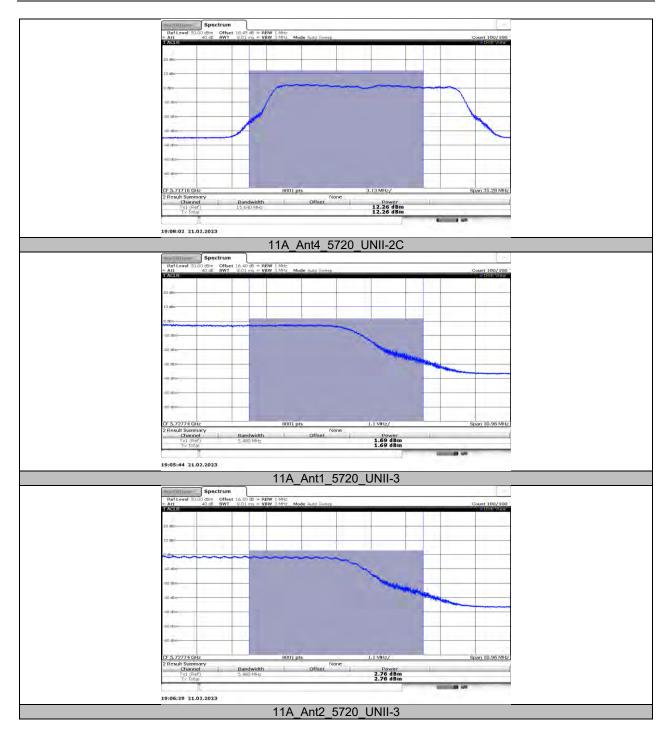
Note: The Duty Cycle Factor is compensated in the graph.



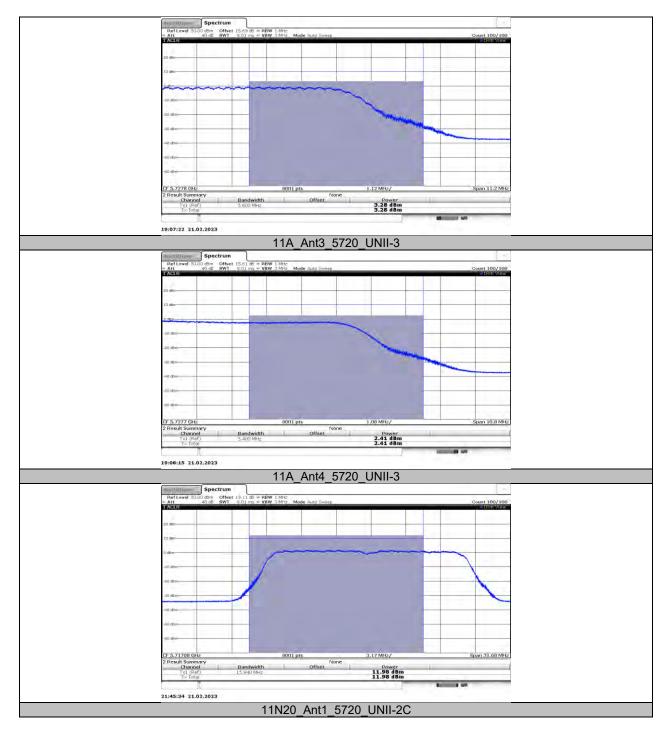
## 11.4.2. Test Graphs



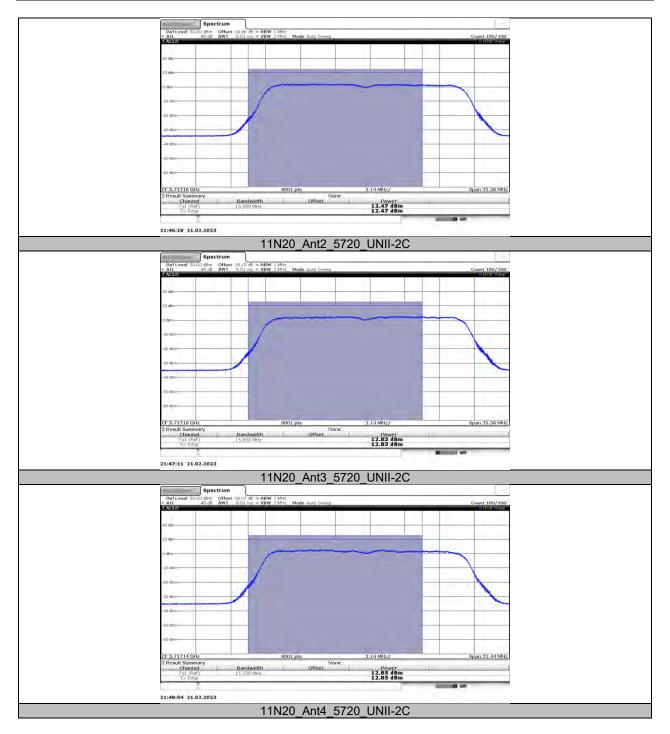




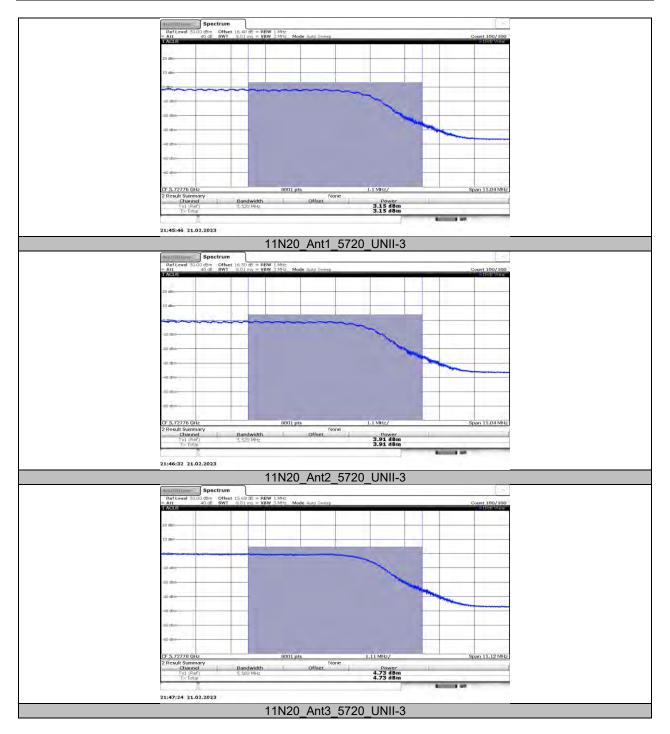




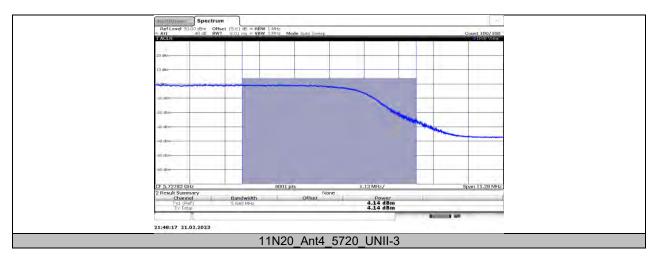


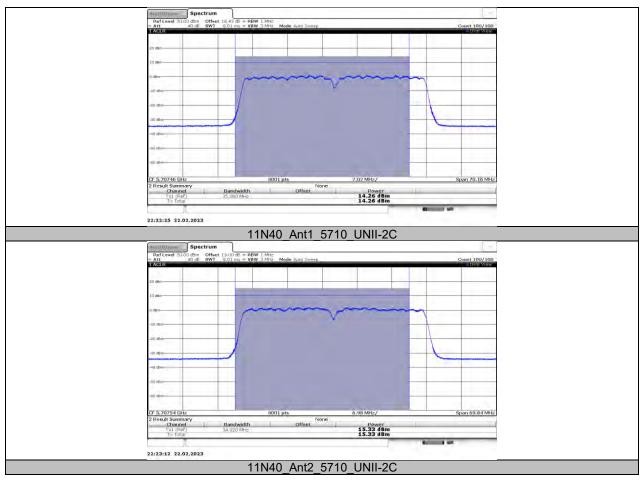




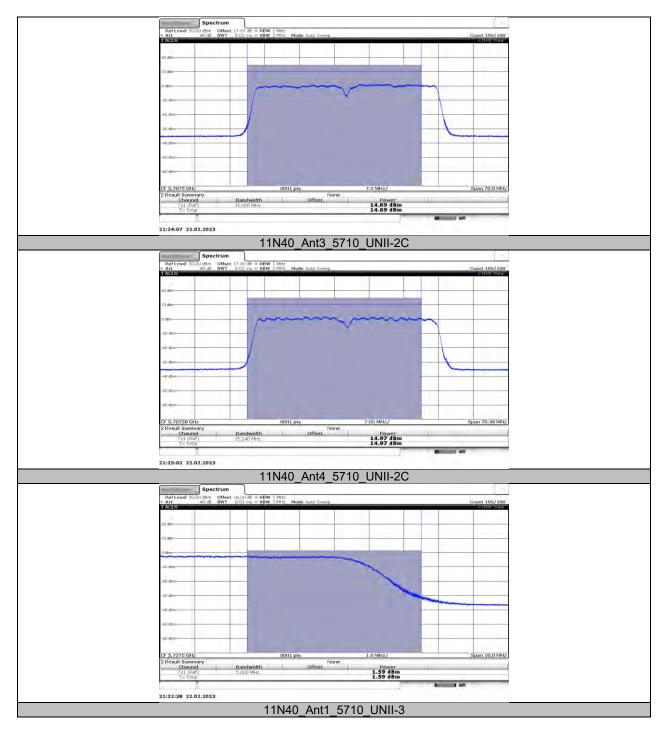




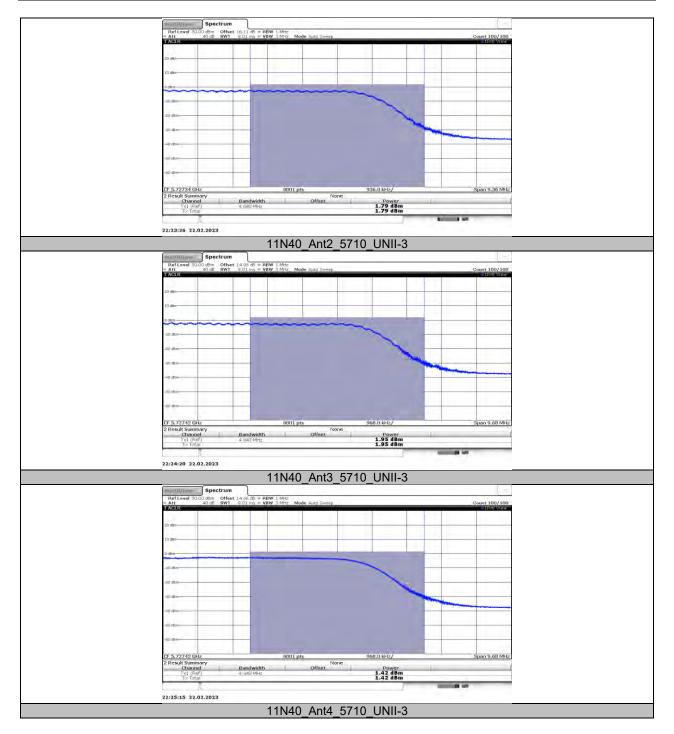




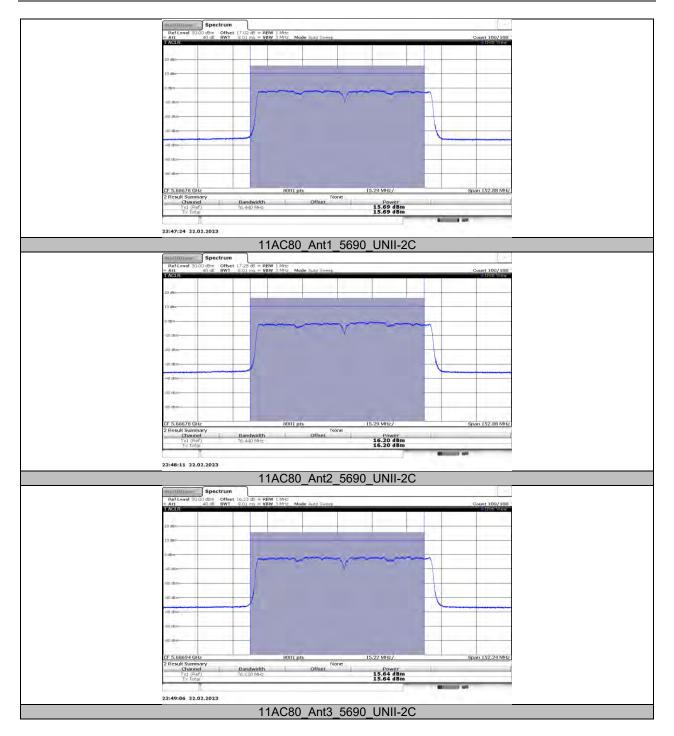




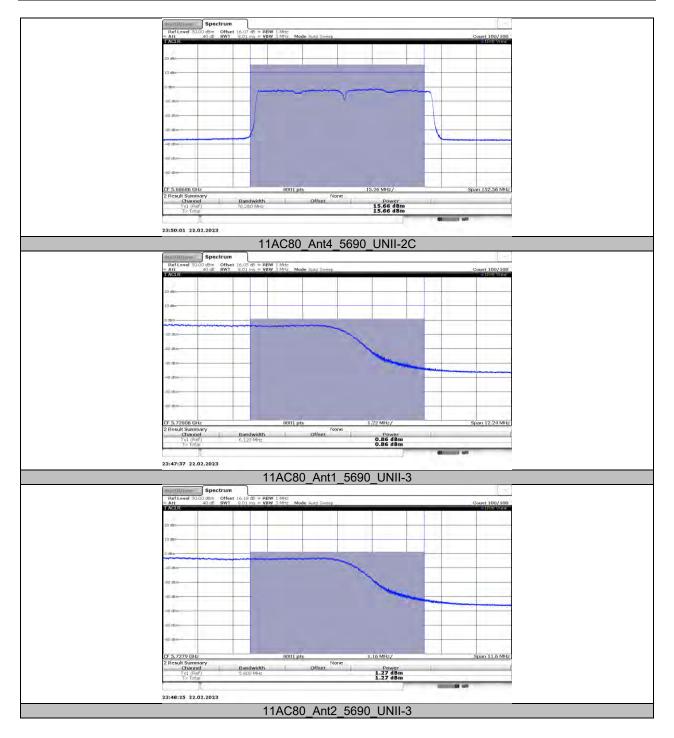




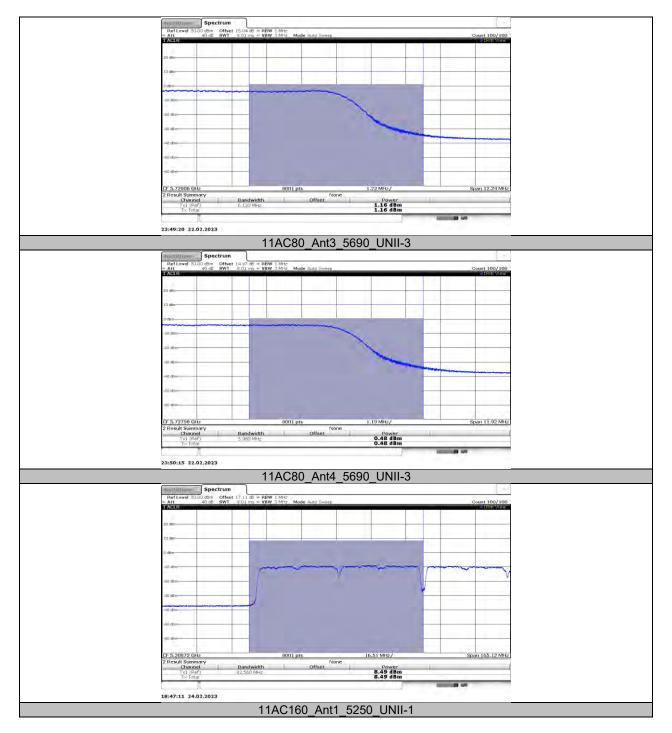




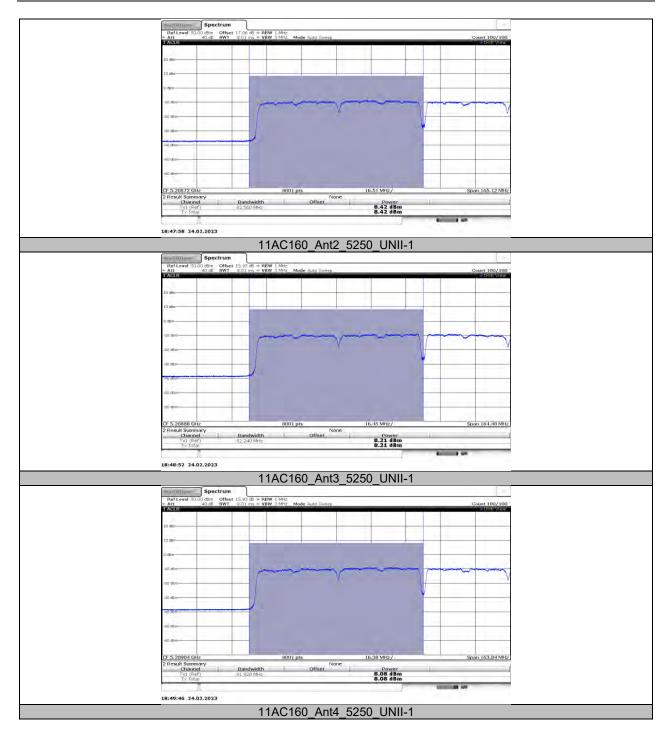




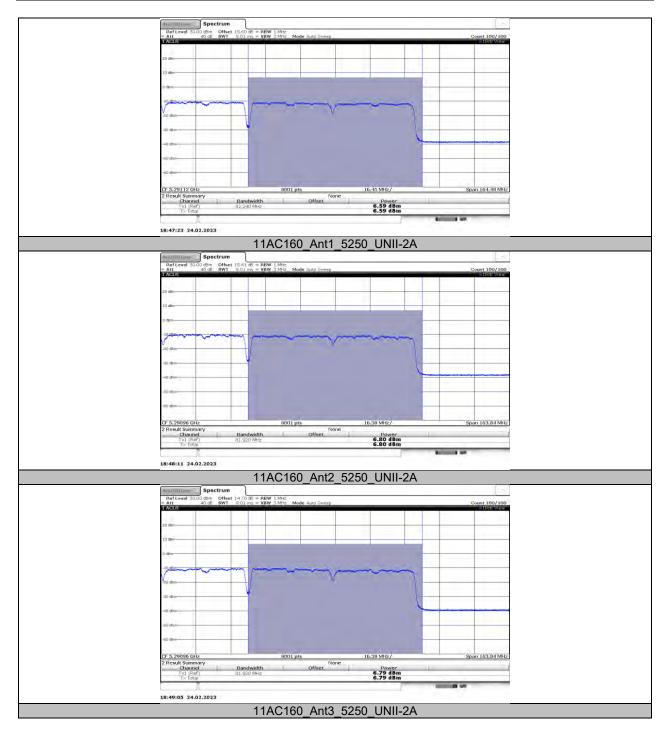




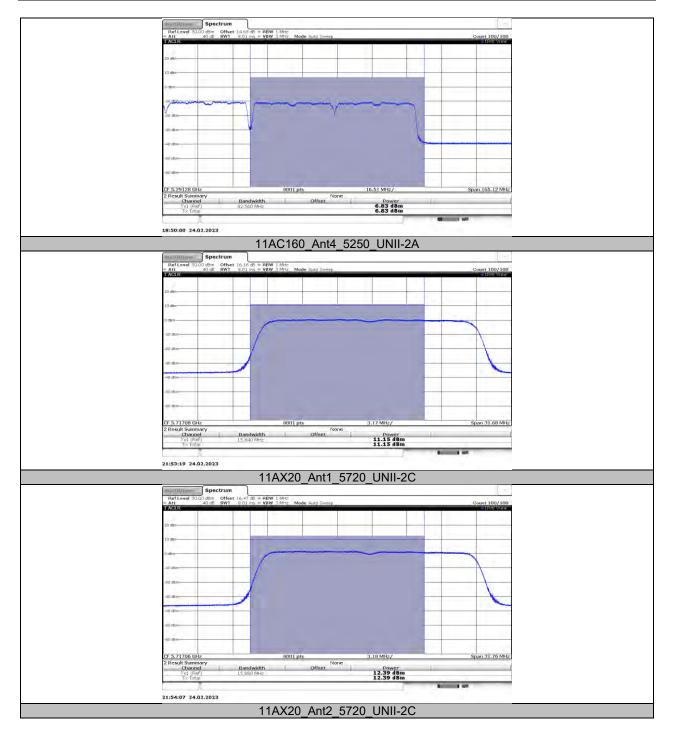




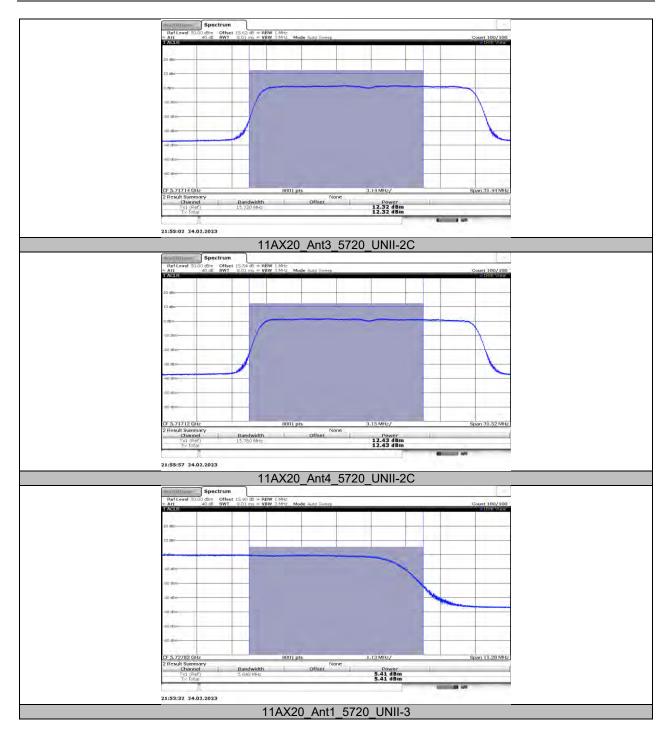




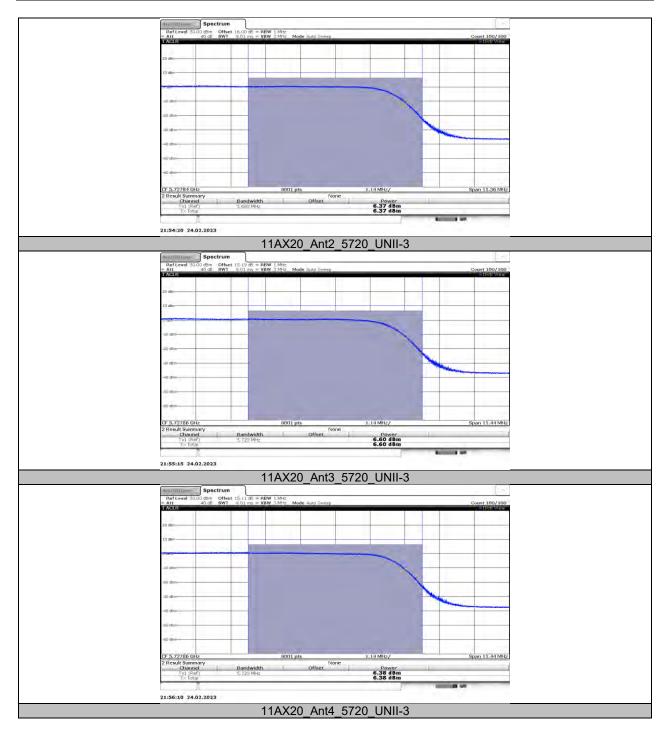




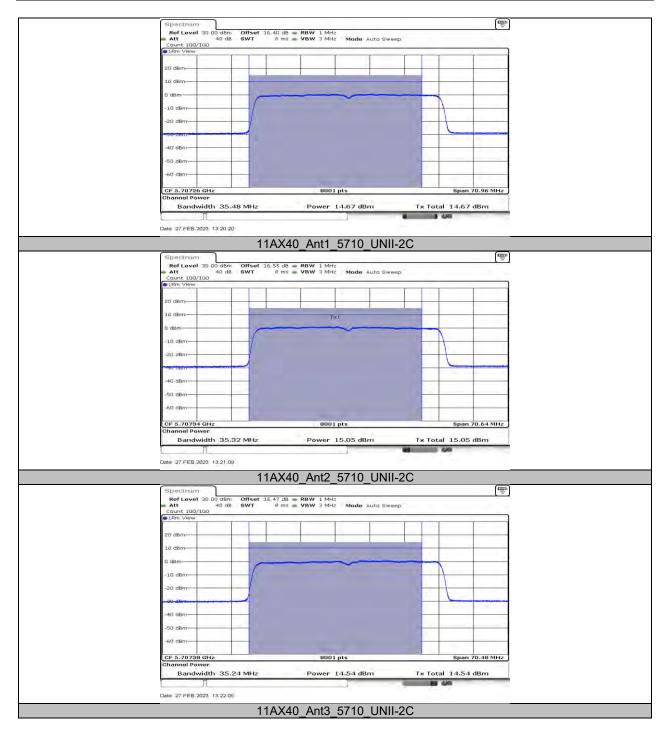




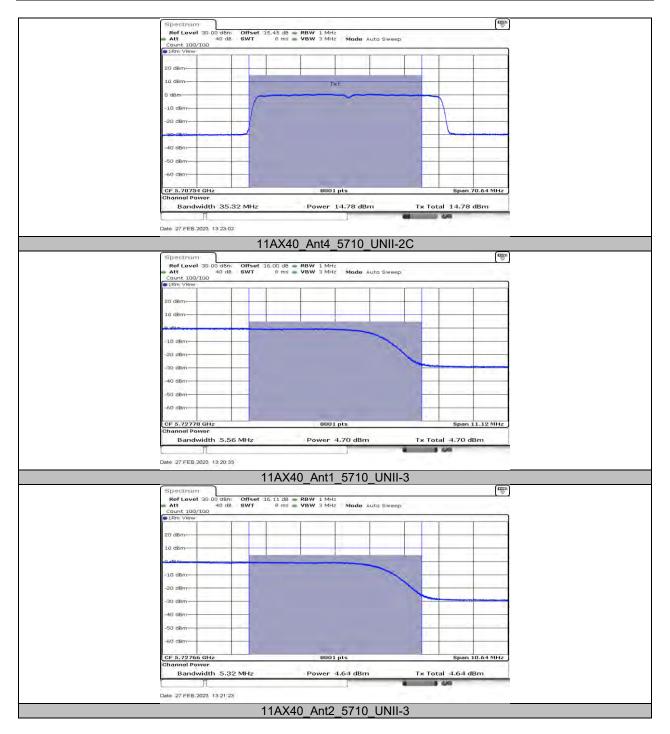




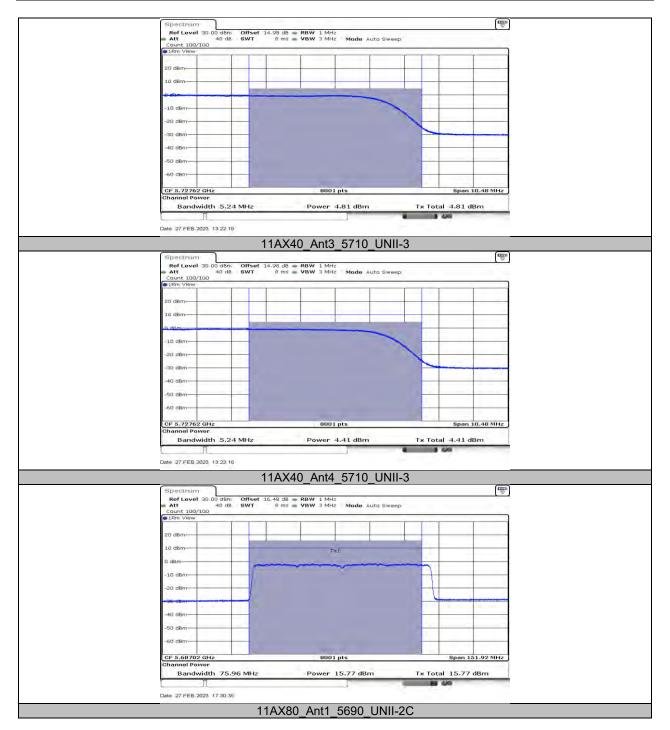




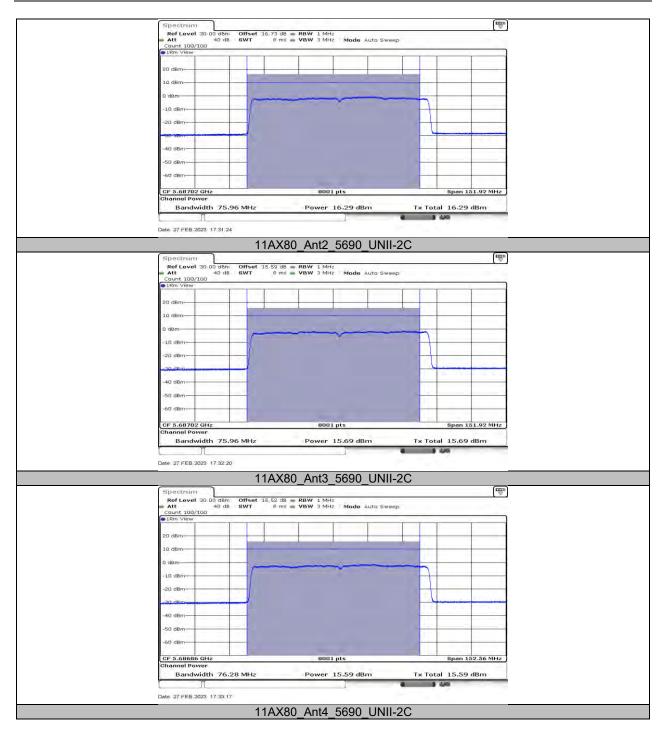




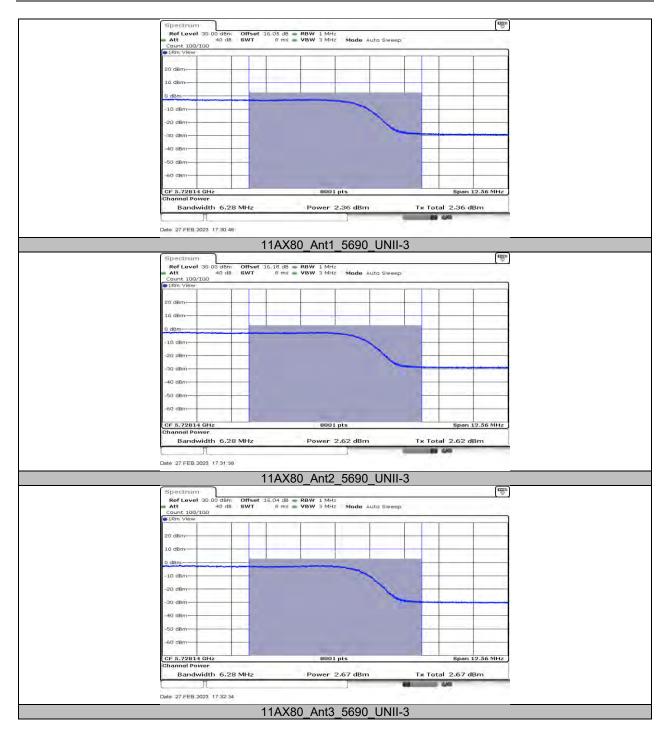




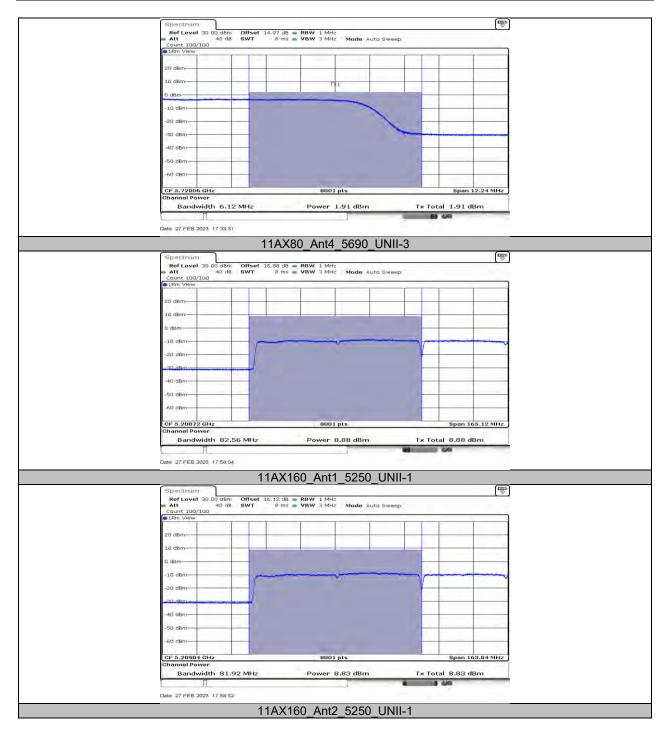




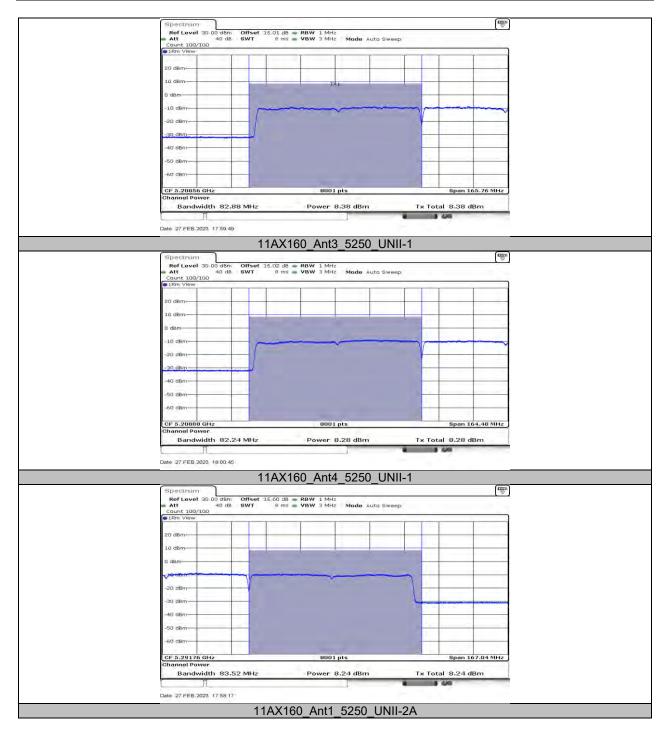




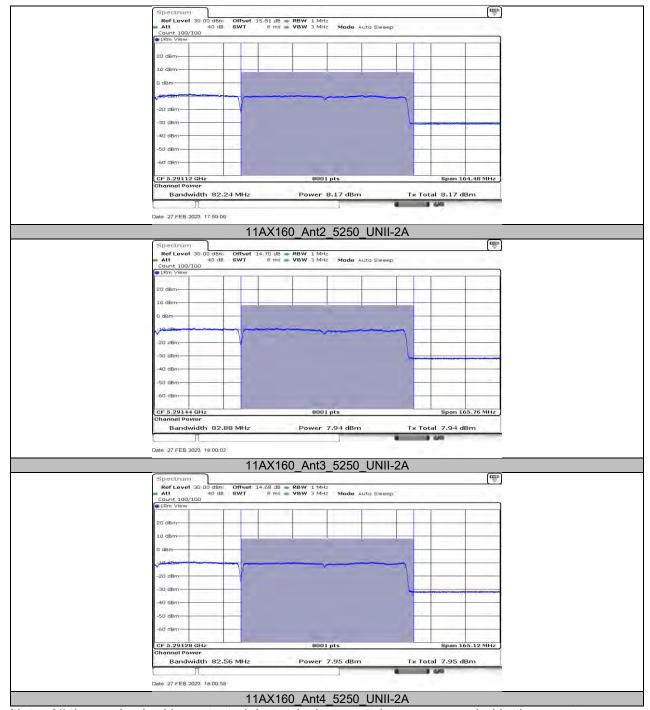












REPORT NO.: 4790724057-RF-2 Page 601 of 812

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

Mode	Frequency (MHz)		150-572 25-5850		-	•	Directional Gain(dBi)	FCC Limit	PSD EIRP	ISED Limit
	(**************************************	ANT1	ANT2	ANT3	ANT4	Total	Gain(abi)		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
002.44-	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



	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	-4.57	-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
000.44	5500	1.88		2.37		8.44	8.02	8.98	,	8.98
802.11ax HE20	5580	2.42	2.76 2.85	2.81	2.6	8.77	8.02	8.98	/	8.98
11220	5700	1.47	2.03	2.15		8.08			/	8.98
					2.4		8.02	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 -1.61	-0.96	4.60	8.02	27.98	/	27.98
	5825	-2.37	-1.96		-2.28	3.98	8.02	27.98	7.041	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
802.11ax	5510	0.76	1.65	1.44	1.23	7.30	8.02	8.98	/	8.98
HE40	5550	0.73	1.74	1.34	1.38	7.33	8.02	8.98	/	8.98
	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



REPORT NO.: 4790724057-RF-2 Page 603 of 812

	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
HEIDU	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.



## 11.5.2. Test Graphs

