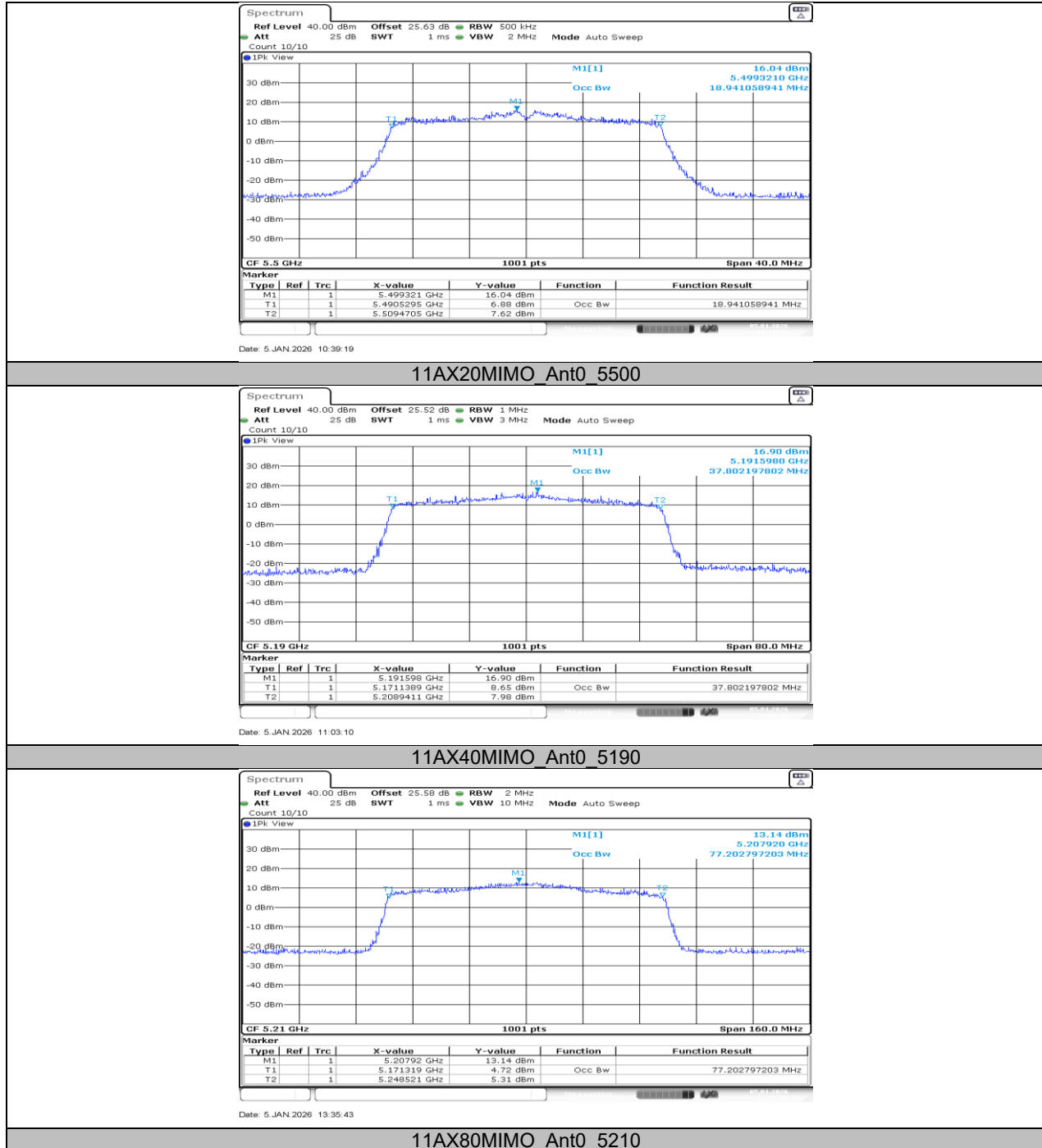
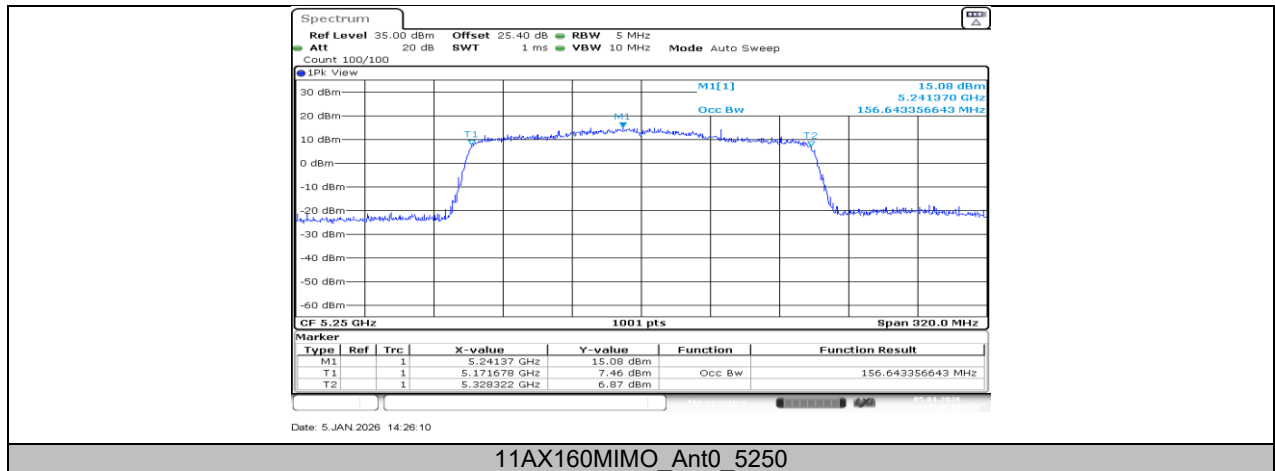


11.2.2. Test Graphs





Note:

1. Only the worst data plots were reported to show setting parameter compliance with testing method/procedure.
2. RBW setting to 500kHz is used in 802.11a/n HT20/ax HE20 modes.
3. RBW setting to 1MHz is used in 802.11n HT40/ax HE40 modes.
4. RBW setting to 2MHz is used in 802.11ac VHT80/ax HE80 modes.
5. RBW setting to 5MHz is used in 802.11ac VHT160/ax HE160 modes.

11.3. APPENDIX C: MIN EMISSION BANDWIDTH

11.3.1. Test Result

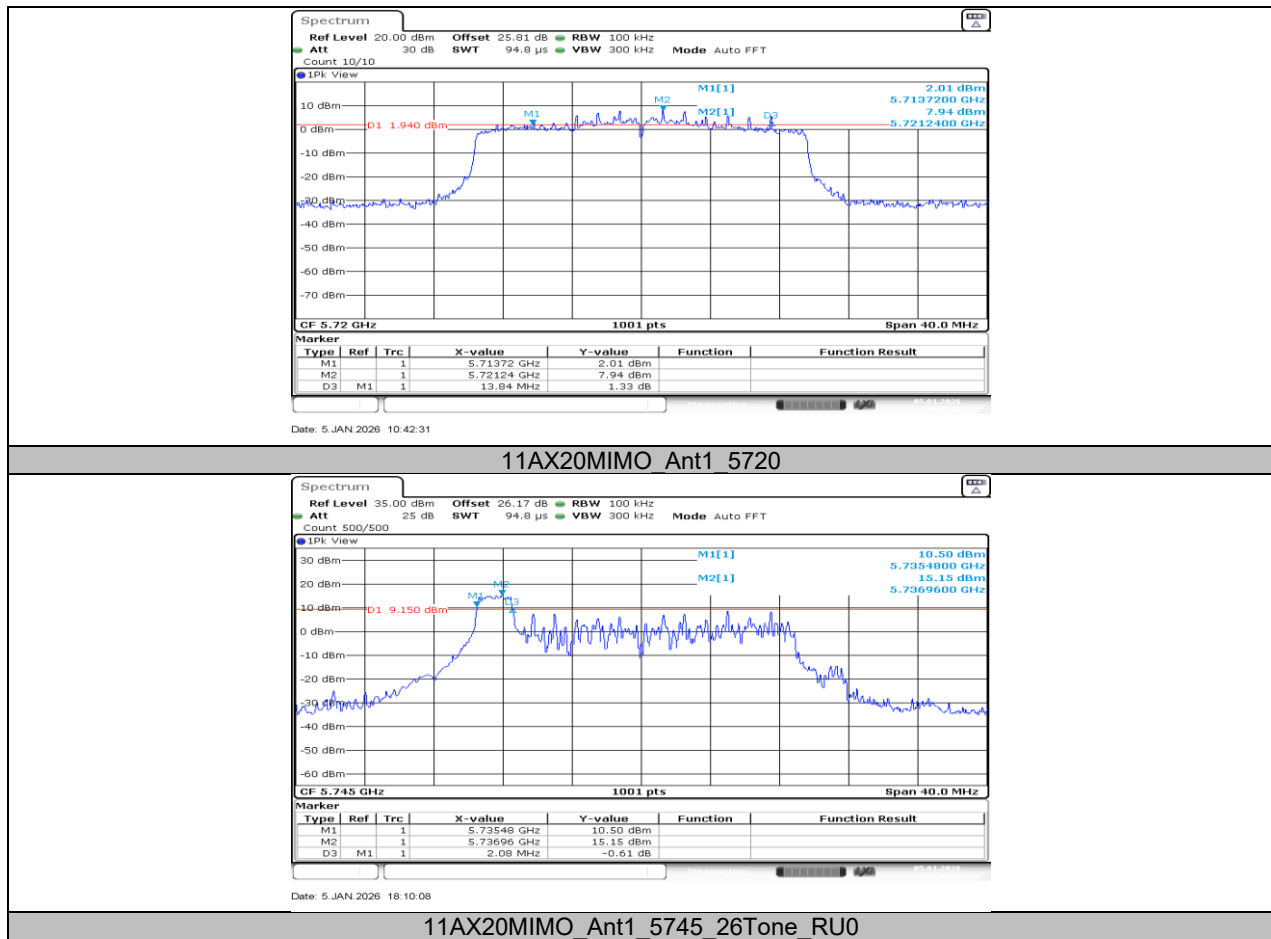
Test Mode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-MIMO	Ant0	5720	16.32	5711.84	5728.16	---	---
	Ant1	5720	16.08	5711.84	5727.92	---	---
	Ant0	5720 UNII-2C	13.16	5711.84	5725	---	---
	Ant1	5720 UNII-2C	13.16	5711.84	5725	---	---
	Ant0	5720 UNII-3	3.16	5725	5728.16	≥0.5	PASS
	Ant1	5720 UNII-3	2.92	5725	5727.92	≥0.5	PASS
	Ant0	5745	16.32	5736.84	5753.16	≥0.5	PASS
	Ant1	5745	16.32	5736.84	5753.16	≥0.5	PASS
	Ant0	5785	16.32	5776.84	5793.16	≥0.5	PASS
	Ant1	5785	16.32	5776.84	5793.16	≥0.5	PASS
11N20MIMO	Ant0	5825	16.28	5816.84	5833.12	≥0.5	PASS
	Ant1	5825	16.32	5816.84	5833.16	≥0.5	PASS
	Ant0	5720	16.52	5711.60	5728.12	---	---
	Ant1	5720	15.72	5711.84	5727.56	---	---
	Ant0	5720 UNII-2C	13.4	5711.60	5725	---	---
	Ant1	5720 UNII-2C	13.16	5711.84	5725	---	---
	Ant0	5720 UNII-3	3.12	5725	5728.12	≥0.5	PASS
	Ant1	5720 UNII-3	2.56	5725	5727.56	≥0.5	PASS
	Ant0	5745	17.16	5736.24	5753.40	≥0.5	PASS
	Ant1	5745	17.20	5736.56	5753.76	≥0.5	PASS
11N40MIMO	Ant0	5785	16.80	5776.60	5793.40	≥0.5	PASS
	Ant1	5785	17.32	5776.20	5793.52	≥0.5	PASS
	Ant0	5825	17.16	5816.24	5833.40	≥0.5	PASS
	Ant1	5825	17.56	5816.20	5833.76	≥0.5	PASS
	Ant0	5710	35.12	5692.40	5727.52	---	---
	Ant1	5710	35.12	5692.40	5727.52	---	---
	Ant0	5710 UNII-2C	32.6	5692.40	5725	---	---
	Ant1	5710 UNII-2C	32.6	5692.40	5725	---	---
	Ant0	5710 UNII-3	2.52	5725	5727.52	≥0.5	PASS
	Ant1	5710 UNII-3	2.52	5725	5727.52	≥0.5	PASS
11AC80MIMO	Ant0	5755	35.04	5737.48	5772.52	≥0.5	PASS
	Ant1	5755	35.04	5737.48	5772.52	≥0.5	PASS
	Ant0	5795	35.36	5777.24	5812.60	≥0.5	PASS
	Ant1	5795	35.76	5776.84	5812.60	≥0.5	PASS
	Ant0	5690	66.40	5658.64	5725.04	---	---
	Ant1	5690	70.72	5652.40	5723.12	---	---
	Ant0	5690 UNII-2C	73.24	5651.76	5725	---	---
	Ant1	5690 UNII-2C	73.24	5651.76	5725	---	---
11AX20MIMO	Ant0	5690 UNII-3	3.24	5725	5728.24	≥0.5	PASS
	Ant1	5690 UNII-3	3.24	5725	5728.24	≥0.5	PASS
	Ant0	5775	48.48	5745.24	5793.72	≥0.5	PASS
	Ant1	5775	41.44	5758.68	5800.12	≥0.5	PASS
	Ant0	5720	18.56	5710.84	5729.40	---	---
	Ant1	5720	13.84	5713.72	5727.56	---	---
	Ant0	5720 UNII-2C	14.16	5710.84	5725	---	---
	Ant1	5720 UNII-2C	11.28	5713.72	5725	---	---
	Ant0	5720 UNII-3	4.4	5725	5729.40	≥0.5	PASS
	Ant1	5720 UNII-3	2.56	5725	5727.56	≥0.5	PASS

	Ant0	5825	18.56	5815.76	5834.32	≥0.5	PASS
	Ant1	5825	11.32	5817.88	5829.20	≥0.5	PASS
11AX40MIMO	Ant0	5710	35.36	5692.24	5727.60	---	---
	Ant1	5710	34.72	5691.60	5726.32	---	---
	Ant0	5710 UNII-2C	32.76	5692.24	5725	---	---
	Ant1	5710 UNII-2C	33.4	5691.60	5725	---	---
	Ant0	5710 UNII-3	2.6	5725	5727.60	≥0.5	PASS
	Ant1	5710 UNII-3	1.32	5725	5726.32	≥0.5	PASS
	Ant0	5755	35.44	5736.20	5771.64	≥0.5	PASS
	Ant1	5755	9999	0	0	≥0.5	PASS
	Ant0	5795	36.24	5776.36	5812.60	≥0.5	PASS
	Ant1	5795	35.52	5777.08	5812.60	≥0.5	PASS
11AX80MIMO	Ant0	5690	74.56	5652.56	5727.12	---	---
	Ant1	5690	68.00	5652.56	5720.56	---	---
	Ant0	5690 UNII-2C	73.72	5651.28	5725	---	---
	Ant1	5690 UNII-2C	73.72	5651.28	5725	---	---
	Ant0	5690 UNII-3	3.88	5725	5728.88	≥0.5	PASS
	Ant1	5690 UNII-3	3.72	5725	5728.72	≥0.5	PASS
	Ant0	5775	76.48	5736.12	5812.60	≥0.5	PASS
	Ant1	5775	62.24	5741.56	5803.80	≥0.5	PASS

Test Mode	Antenna	Channel	Ru Size	Ru Index	6db BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11AX20MIMO	Ant0	5745	26Tone	RU0	2.12	5735.44	5737.56	≥0.5	PASS
	Ant1	5745	26Tone	RU0	2.08	5735.48	5737.56	≥0.5	PASS
	Ant0	5785	26Tone	RU4	2.64	5783.68	5786.32	≥0.5	PASS
	Ant1	5785	26Tone	RU4	2.64	5783.68	5786.32	≥0.5	PASS
	Ant0	5825	26Tone	RU8	2.08	5832.44	5834.52	≥0.5	PASS
	Ant1	5825	26Tone	RU8	2.08	5832.44	5834.52	≥0.5	PASS

Note: For ax partial RU mode, 26Tone has the lowest DTS bandwidth, so only the worst data of 26Tone DTS bandwidth were performed in the report.

11.3.2. Test Graphs



Note:

1. Only the worst data plots were reported to show setting parameter compliance with testing method/procedure.
2. For all modes, RBW setting to 100kHz is used on DTS bandwidth measurement.

11.4. APPENDIX D: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result

Mode	Freq(MHz)	Av.Power (dBm)			Directional gain(dBi)	FCC Limit (dBm)	ISED Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
		ANT0	ANT1	Total				Total	
802.11a	5180	17.23	15.39	19.42	0.50	24.00	---	19.92	22.18
	5200	17.26	15.47	19.47	0.50	24.00	---	19.97	22.18
	5240	16.81	15.48	19.21	0.50	24.00	---	19.71	22.18
	5260	18.04	17.57	20.82	0.50	24.00	23.18	21.32	29.18
	5280	18.19	17.63	20.93	0.50	24.00	23.18	21.43	29.18
	5320	18.30	17.93	21.13	0.50	24.00	23.18	21.63	29.18
	5500	18.21	17.44	20.85	0.50	24.00	23.18	21.35	29.18
	5580	18.65	17.85	21.28	0.50	24.00	23.18	21.78	29.18
	5700	18.06	17.40	20.75	0.50	24.00	23.18	21.25	29.18
	5720-2C	17.62	17.32	20.48	0.50	24.00	22.23	20.98	28.23
	5720-3	9.85	9.64	12.76	0.50	30.00	30.00	13.26	36.00
	5745	23.20	22.40	25.83	0.50	30.00	30.00	26.33	36.00
	5785	22.67	22.15	25.43	0.50	30.00	30.00	25.93	36.00
	5825	22.18	21.20	24.73	0.50	30.00	30.00	25.23	36.00
802.11n 20M	5180	17.36	15.77	19.65	0.50	24.00	---	20.15	22.46
	5200	17.48	15.90	19.77	0.50	24.00	---	20.27	22.46
	5240	17.22	15.98	19.65	0.50	24.00	---	20.15	22.46
	5260	18.84	18.05	21.47	0.50	24.00	23.46	21.97	29.46
	5280	17.93	17.55	20.75	0.50	24.00	23.46	21.25	29.46
	5320	18.18	17.70	20.96	0.50	24.00	23.46	21.46	29.46
	5500	17.92	17.36	20.66	0.50	24.00	23.46	21.16	29.46
	5580	18.39	17.61	21.03	0.50	24.00	23.46	21.53	29.46
	5700	18.51	17.80	21.18	0.50	24.00	23.46	21.68	29.46
	5720-2C	17.72	17.50	20.62	0.50	24.00	22.41	21.12	28.41
	5720-3	10.33	10.08	13.22	0.50	30.00	30.00	13.72	36.00
	5745	22.99	22.19	25.62	0.50	30.00	30.00	26.12	36.00
	5785	22.46	22.12	25.30	0.50	30.00	30.00	25.80	36.00
	5825	21.72	21.14	24.45	0.50	30.00	30.00	24.95	36.00
802.11n 40M	5190	18.89	18.15	21.55	0.50	24.00	---	22.05	23.00
	5230	19.82	18.51	22.22	0.50	24.00	---	22.72	23.00
	5270	18.46	16.86	20.74	0.50	24.00	24.00	21.24	30.00
	5310	18.04	16.34	20.28	0.50	24.00	24.00	20.78	30.00
	5510	18.56	17.18	20.93	0.50	24.00	24.00	21.43	30.00
	5550	19.11	18.36	21.76	0.50	24.00	24.00	22.26	30.00

	5670	19.18	17.82	21.56	0.50	24.00	24.00	22.06	30.00
	5710-2C	18.52	18.17	21.36	0.50	24.00	24.00	21.86	30.00
	5710-3	6.36	5.97	9.18	0.50	30.00	30.00	9.68	36.00
	5755	20.54	20.09	23.33	0.50	30.00	30.00	23.83	36.00
	5795	20.67	20.15	23.43	0.50	30.00	30.00	23.93	36.00
802.11ac 80M	5210	18.06	16.42	20.33	0.50	24.00	---	20.83	23.00
	5290	18.03	16.51	20.35	0.50	24.00	24.00	20.85	30.00
	5530	18.08	16.77	20.48	0.50	24.00	24.00	20.98	30.00
	5610	18.67	17.82	21.28	0.50	24.00	24.00	21.78	30.00
	5690-2C	18.18	17.70	20.96	0.50	24.00	24.00	21.46	30.00
	5690-3	1.90	1.06	4.51	0.50	30.00	30.00	5.01	36.00
	5775	19.20	18.59	21.92	0.50	30.00	30.00	22.42	36.00
802.11ac 160M	5250-1	12.43	11.57	15.03	0.50	24.00	---	15.53	23.00
	5250-2a	11.65	11.14	14.41	0.50	24.00	24.00	14.91	30.00
	5570	16.67	15.66	19.20	0.50	24.00	24.00	19.70	30.00
802.11ax 20M	5180	17.63	15.88	19.85	0.50	24.00	---	20.35	22.76
	5200	17.66	15.91	19.88	0.50	24.00	---	20.38	22.76
	5240	17.34	15.86	19.67	0.50	24.00	---	20.17	22.76
	5260	18.03	17.56	20.81	0.50	24.00	23.76	21.31	29.76
	5280	18.35	17.65	21.02	0.50	24.00	23.76	21.52	29.76
	5320	18.64	17.30	21.03	0.50	24.00	23.76	21.53	29.76
	5500	18.26	17.39	20.86	0.50	24.00	23.76	21.36	29.76
	5580	18.40	17.22	20.86	0.50	24.00	23.76	21.36	29.76
	5700	18.12	17.26	20.72	0.50	24.00	23.76	21.22	29.76
	5720-2C	17.09	16.97	20.04	0.50	24.00	22.59	20.54	29.76
	5720-3	10.15	10.03	13.10	0.50	30.00	30.00	13.60	36.00
	5745	21.95	21.43	24.71	0.50	30.00	30.00	25.21	36.00
	5785	22.38	21.83	25.12	0.50	30.00	30.00	25.62	36.00
	5825	21.85	21.00	24.46	0.50	30.00	30.00	24.96	36.00
802.11ax 40M	5190	18.77	17.27	21.09	0.50	24.00	---	21.59	23.00
	5230	19.58	18.45	22.06	0.50	24.00	---	22.56	23.00
	5270	18.99	17.32	21.25	0.50	24.00	24.00	21.75	30.00
	5310	18.60	16.91	20.85	0.50	24.00	24.00	21.35	30.00
	5510	18.25	16.51	20.48	0.50	24.00	24.00	20.98	30.00
	5550	18.97	17.32	21.23	0.50	24.00	24.00	21.73	30.00
	5670	18.89	17.97	21.46	0.50	24.00	24.00	21.96	30.00
	5710-2C	18.50	18.17	21.35	0.50	24.00	24.00	21.85	30.00
	5710-3	7.13	6.66	9.91	0.50	30.00	24.00	10.41	36.00
	5755	19.60	19.06	22.35	0.50	30.00	30.00	22.85	36.00
	5795	20.41	19.73	23.09	0.50	30.00	30.00	23.59	36.00

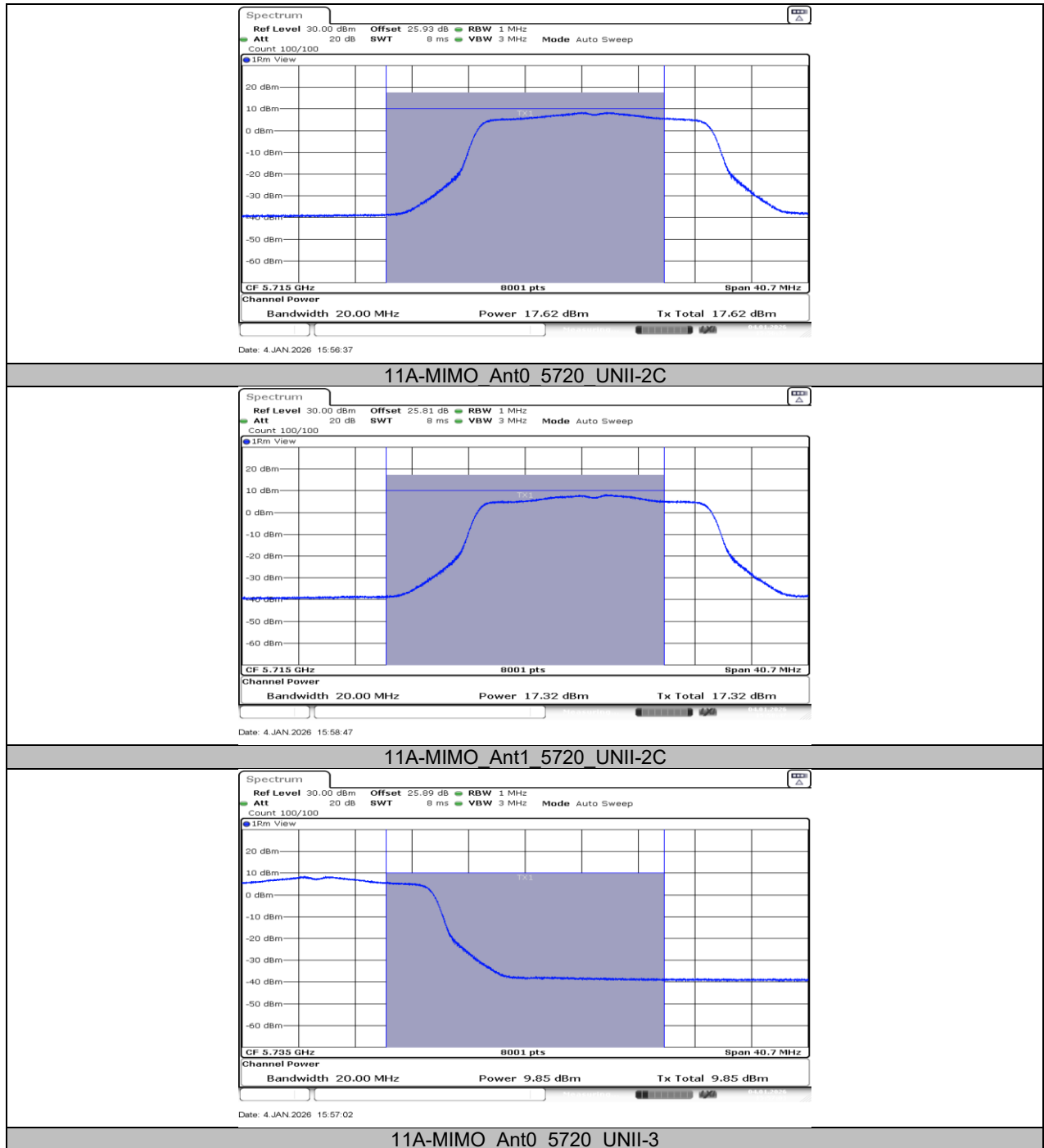
802.11ax 80M	5210	17.59	15.93	19.85	0.50	24.00	---	20.35	23.00
	5290	18.80	17.34	21.14	0.50	24.00	24.00	21.64	30.00
	5530	18.00	16.42	20.29	0.50	24.00	24.00	20.79	30.00
	5610	18.98	18.13	21.59	0.50	24.00	24.00	22.09	30.00
	5690-2C	18.65	18.12	21.40	0.50	24.00	24.00	21.90	30.00
	5690-3	3.06	2.41	5.76	0.50	30.00	24.00	6.26	36.00
	5775	18.63	18.06	21.36	0.50	30.00	30.00	21.86	36.00
802.11ax 160M	5250-1	12.86	12.65	15.77	0.50	24.00	---	16.27	23.00
	5250-2a	12.11	12.15	15.14	0.50	24.00	24.00	15.64	30.00
	5570	16.58	15.44	19.06	0.50	24.00	24.00	19.56	30.00

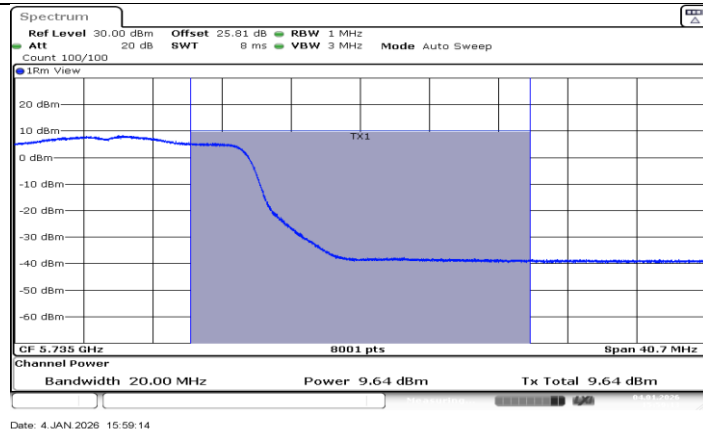
Mode	Freq(MHz)	RU size	RU Index	Av.Power (dBm)			Directional gain(dBi)	FCC Limit (dBm)	ISED Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
				ANT0	ANT1	Total				Total	
802.11ax 20M	5180	26	0	9.76	8.67	12.26	0.50	24.00	---	12.76	22.36
		52	37	12.38	11.39	14.92	0.50	24.00	---	15.42	22.36
		106	53	15.17	13.89	17.59	0.50	24.00	---	18.09	22.36
	5200	26	4	11.26	8.98	13.28	0.50	24.00	---	13.78	22.36
		52	38	11.91	11.26	14.61	0.50	24.00	---	15.11	22.36
		106	53	15.11	13.81	17.52	0.50	24.00	---	18.02	22.36
	5240	26	8	9.98	8.30	12.23	0.50	24.00	---	12.73	22.36
		52	40	11.59	11.62	14.62	0.50	24.00	---	15.12	22.36
		106	54	14.81	13.95	17.41	0.50	24.00	---	17.91	22.36
	5260	26	0	11.11	9.83	13.53	0.50	24.00	---	14.03	23.36
		52	37	13.24	12.35	15.83	0.50	24.00	---	16.33	23.36
		106	53	16.05	14.82	18.49	0.50	24.00	---	18.99	23.36
	5280	26	4	11.60	11.22	14.42	0.50	24.00	23.36	14.92	29.36
		52	38	13.26	12.79	16.04	0.50	24.00	23.36	16.54	29.36
		106	53	16.16	14.98	18.62	0.50	24.00	23.36	19.12	29.36
	5320	26	8	10.69	9.65	13.21	0.50	24.00	23.36	13.71	29.36
		52	40	13.14	12.78	15.97	0.50	24.00	23.36	16.47	29.36
		106	54	16.10	15.27	18.72	0.50	24.00	23.36	19.22	29.36
	5500	26	0	11.04	9.86	13.50	0.50	24.00	23.36	14.00	29.36
		52	37	13.24	12.43	15.86	0.50	24.00	23.36	16.36	29.36
		106	53	16.19	14.96	18.63	0.50	24.00	23.36	19.13	29.36
	5580	26	4	11.63	11.00	14.34	0.50	24.00	23.36	14.84	29.36
		52	38	13.28	12.62	15.97	0.50	24.00	23.36	16.47	29.36
		106	53	16.03	15.14	18.62	0.50	24.00	23.36	19.12	29.36
	5700	26	8	11.11	10.32	13.74	0.50	24.00	23.36	14.24	29.36
		52	40	13.91	13.10	16.53	0.50	24.00	23.36	17.03	29.36

		106	54	16.54	15.62	19.11	0.50	24.00	23.36	19.61	29.36
	5745	26	0	22.23	21.38	24.84	0.50	30.00	30.00	25.34	30.00
		52	37	21.96	21.16	24.59	0.50	30.00	30.00	25.09	30.00
		106	53	22.03	21.17	24.63	0.50	30.00	30.00	25.13	30.00
	5785	26	4	21.47	20.60	24.07	0.50	30.00	30.00	24.57	30.00
		52	38	21.27	20.58	23.95	0.50	30.00	30.00	24.45	30.00
		106	53	22.57	21.59	25.12	0.50	30.00	30.00	25.62	30.00
	5825	26	8	21.29	21.22	24.27	0.50	30.00	30.00	24.77	30.00
		52	40	21.18	21.28	24.24	0.50	30.00	30.00	24.74	30.00
		106	54	21.32	21.29	24.32	0.50	30.00	30.00	24.82	30.00

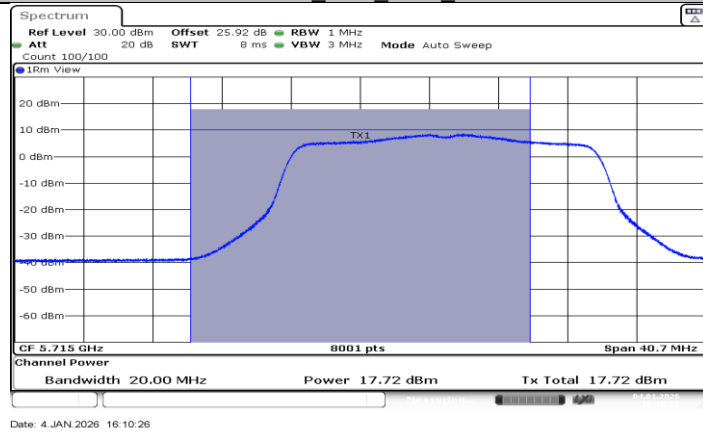
- Note: 1. Conducted Power=Meas. Level+ Correction Factor
2. The Duty Cycle Factor (refer to section 7.1) had already compensated to the test data.

11.4.2. Test Graphs

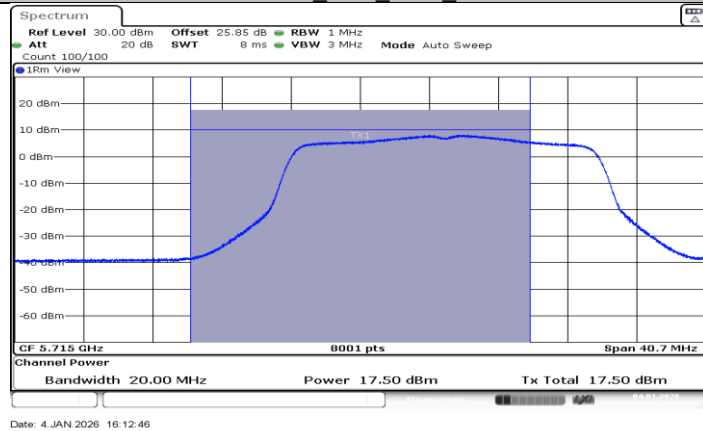




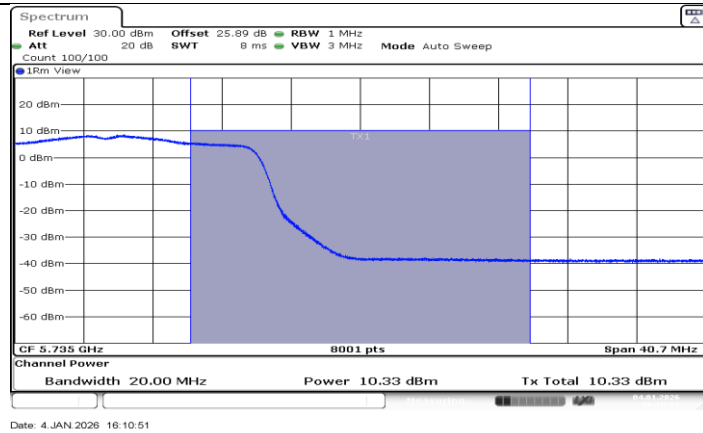
11A-MIMO_Ant1_5720_UNII-3



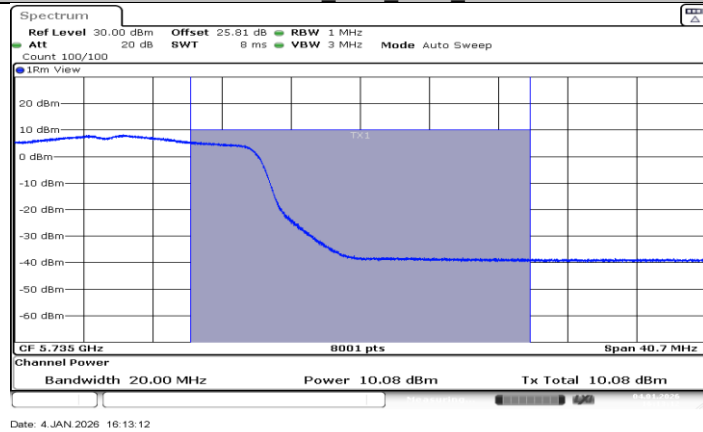
11N20MIMO_Ant0_5720_UNII-2C



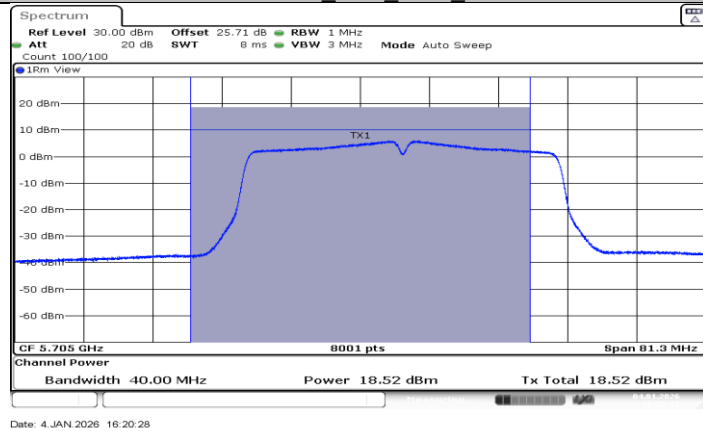
11N20MIMO_Ant1_5720_UNII-2C



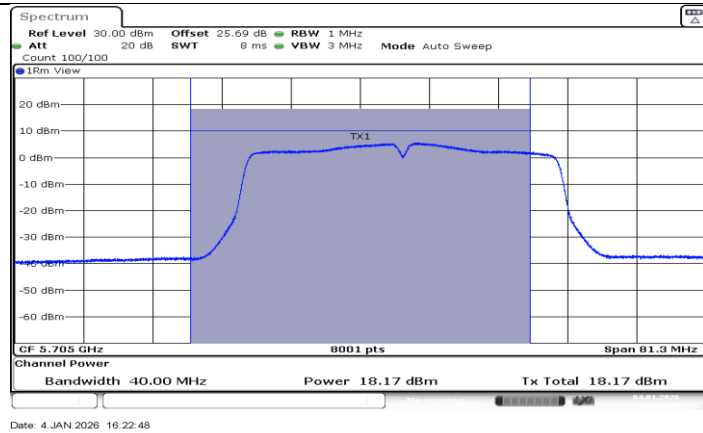
11N20MIMO_Ant0_5720_UNII-3



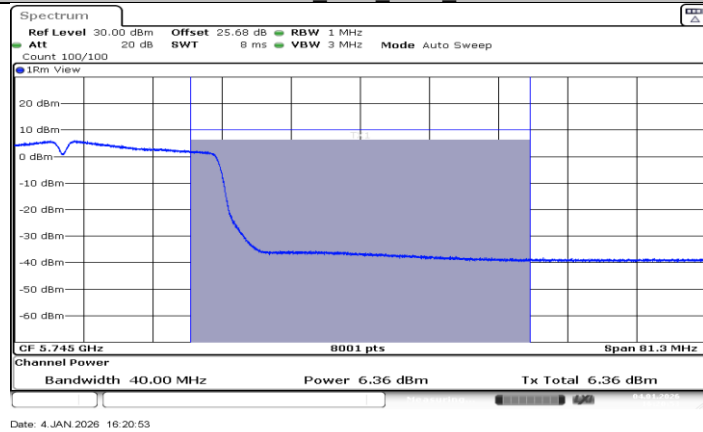
11N20MIMO_Ant1_5720_UNII-3



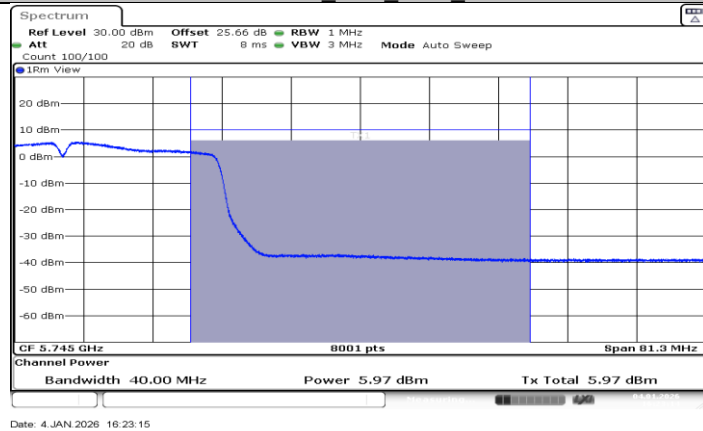
11N40MIMO_Ant0_5710_UNII-2C



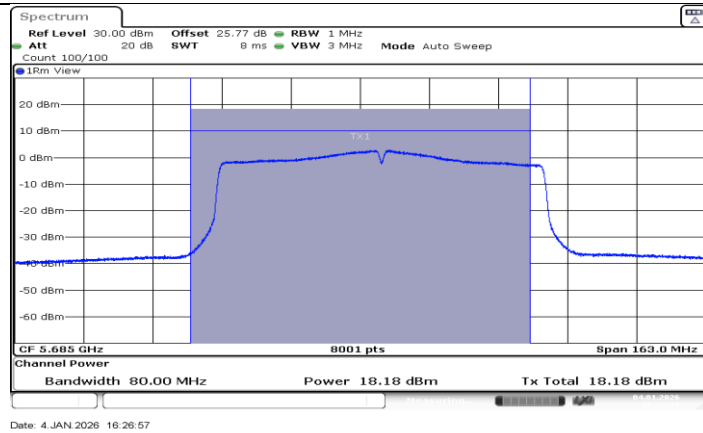
11N40MIMO_Ant1_5710_UNII-2C



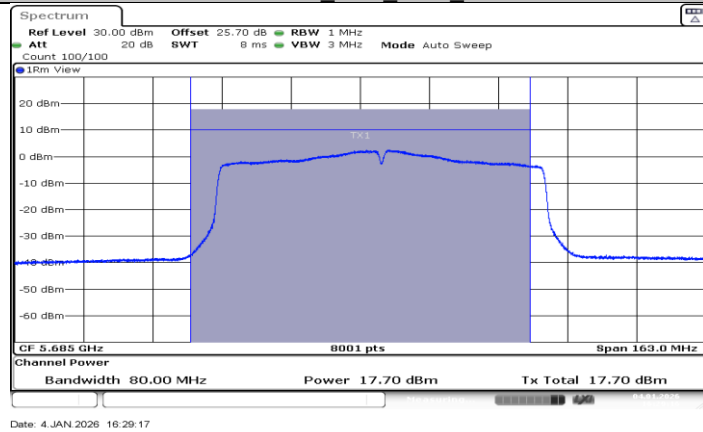
11N40MIMO_Ant0_5710_UNII-3



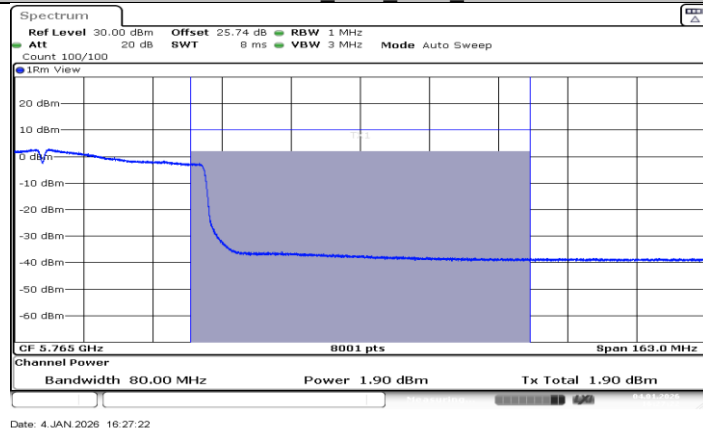
11N40MIMO_Ant1_5710_UNII-3



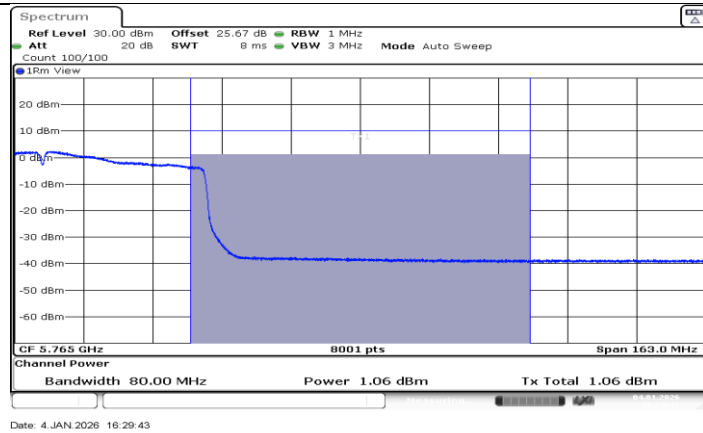
11AC80MIMO_Ant0_5690_UNII-2C



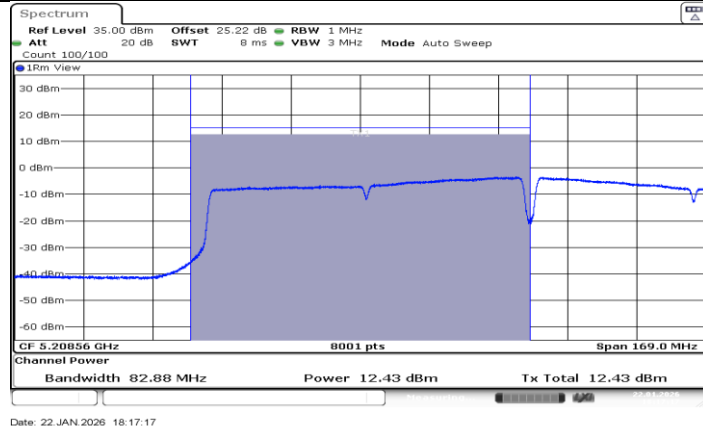
11AC80MIMO_Ant1_5690_UNII-2C



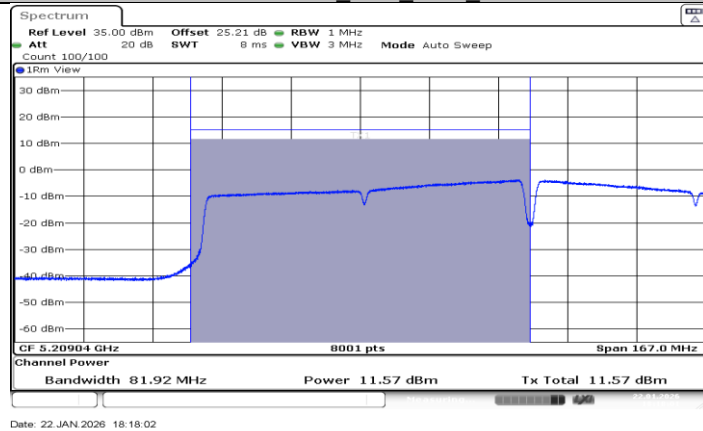
11AC80MIMO_Ant0_5690_UNII-3



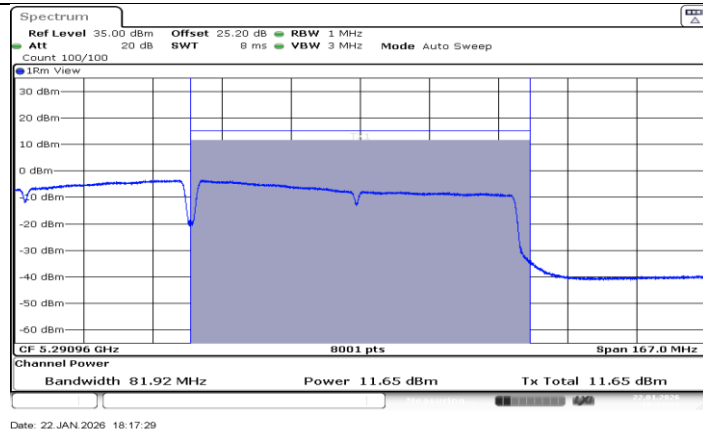
11AC80MIMO_Ant1_5690_UNII-3



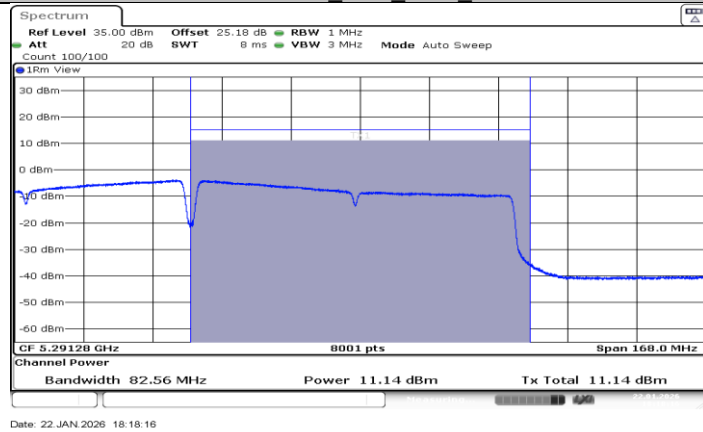
11AC160MIMO_Ant0_5250_UNII-1



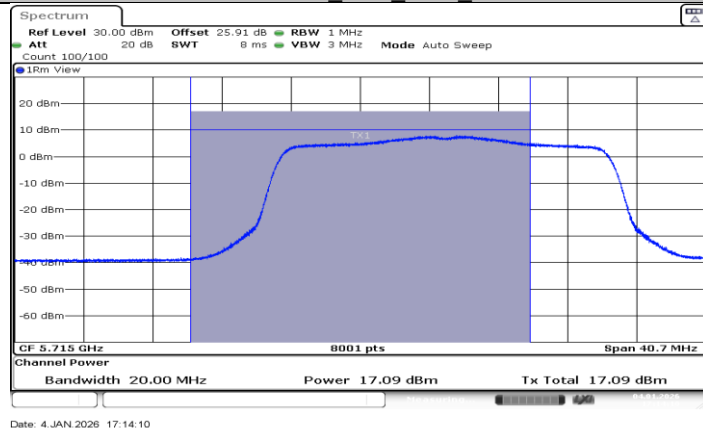
11AC160MIMO_Ant1_5250_UNII-1



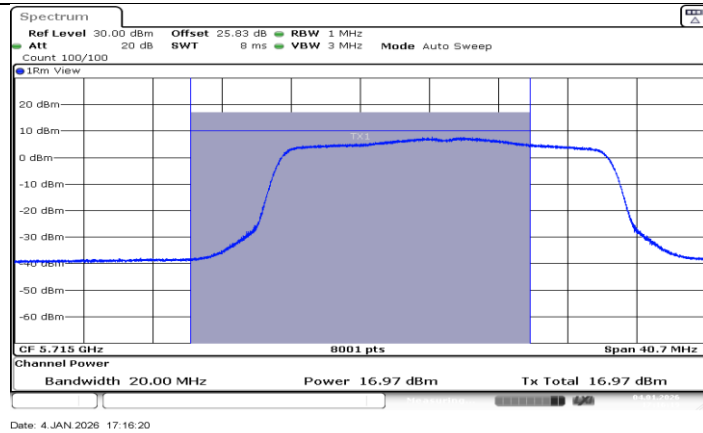
11AC160MIMO_Ant0_5250_UNII-2A



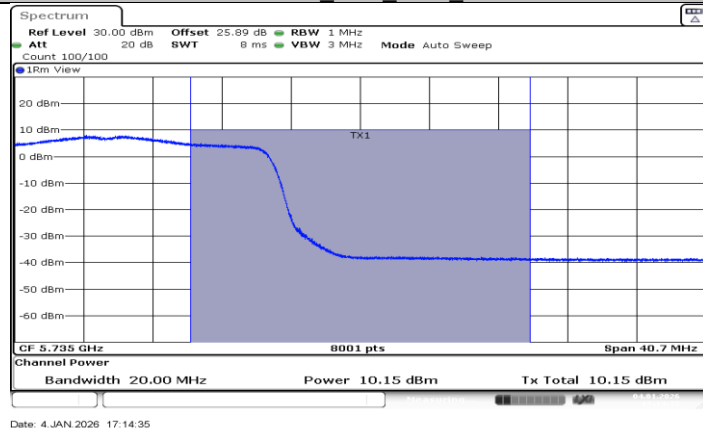
11AC160MIMO_Ant1_5250_UNII-2A



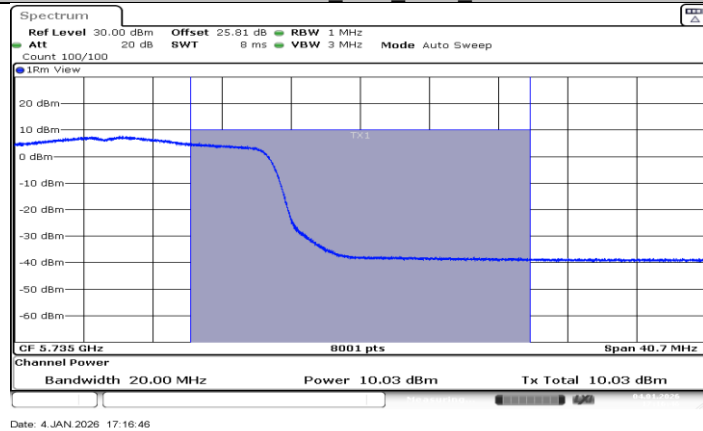
11AX20MIMO_Ant0_5720_UNII-2C



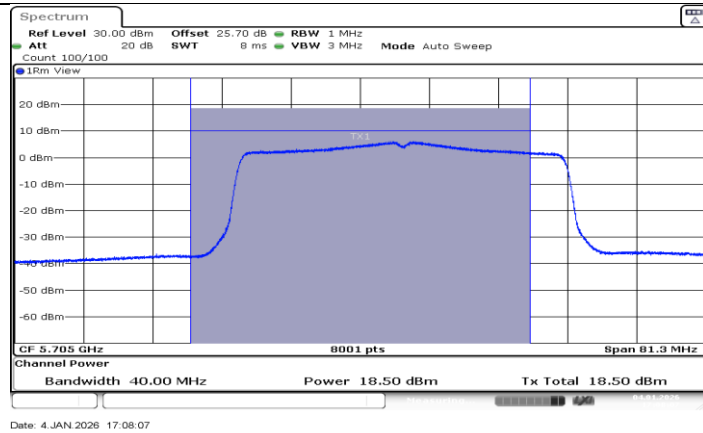
11AX20MIMO_Ant1_5720_UNII-2C



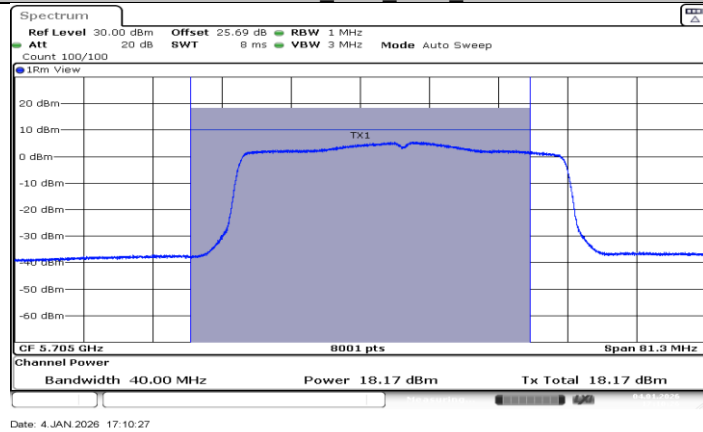
11AX20MIMO_Ant0_5720_UNII-3



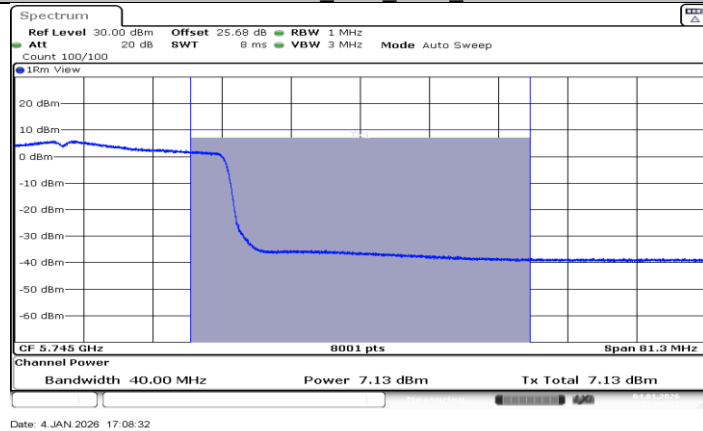
11AX20MIMO_Ant1_5720_UNII-3



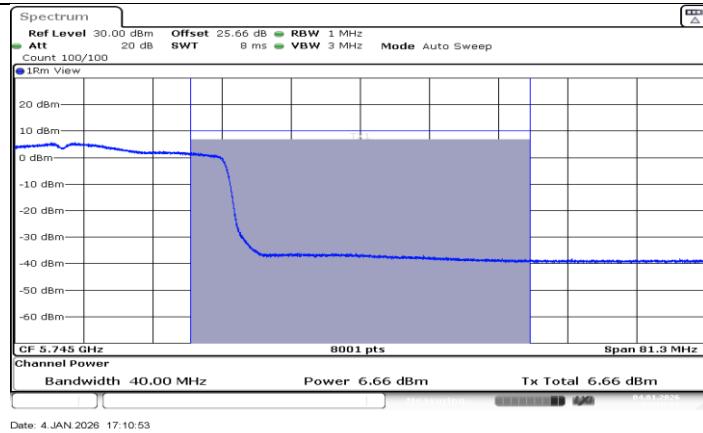
11AX40MIMO_Ant0_5710_UNII-2C



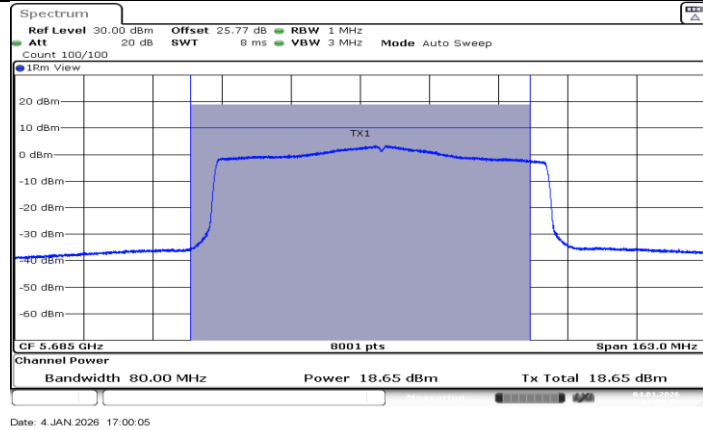
11AX40MIMO_Ant1_5710_UNII-2C



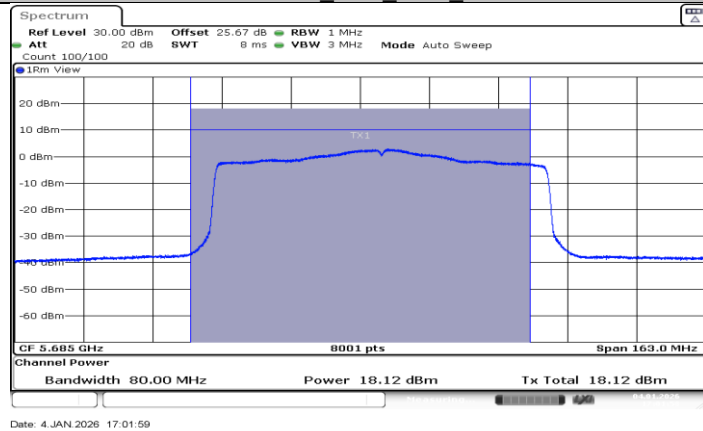
11AX40MIMO_Ant0_5710_UNII-3



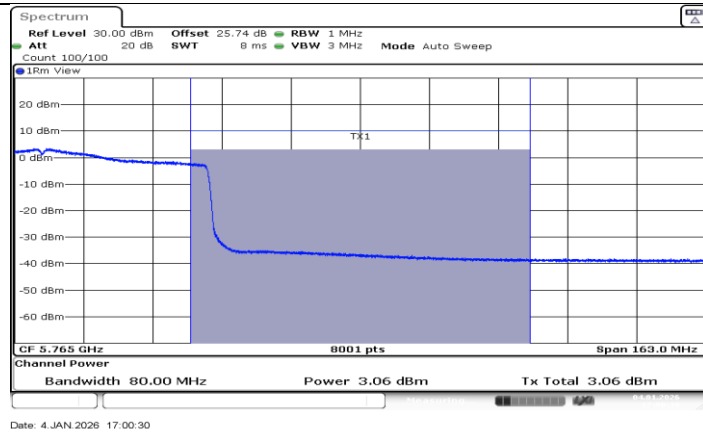
11AX40MIMO_Ant1_5710_UNII-3



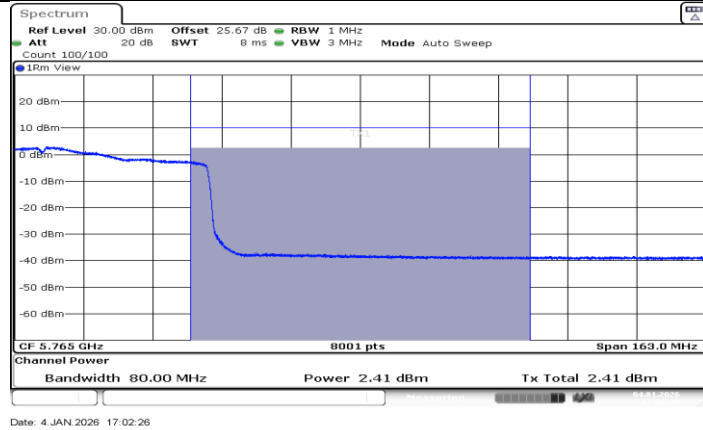
11AX80MIMO_Ant0_5690_UNII-2C



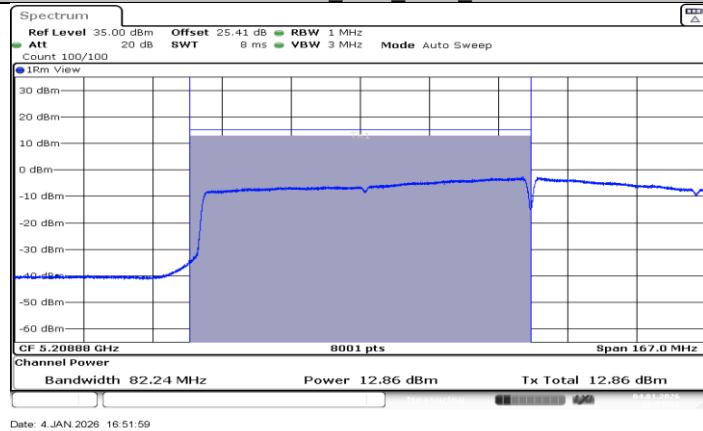
11AX80MIMO_Ant1_5690_UNII-2C



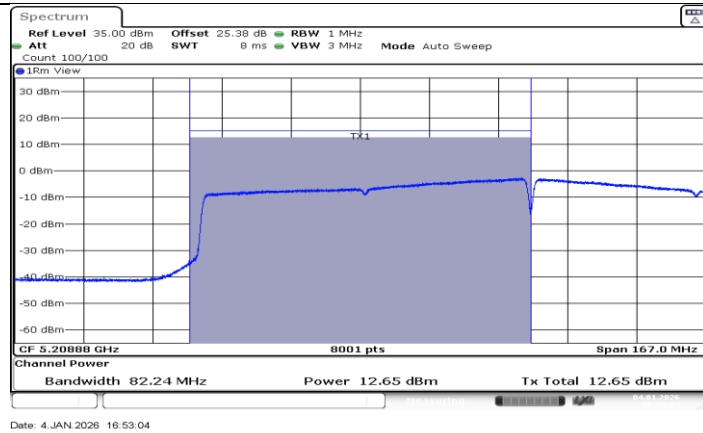
11AX80MIMO_Ant0_5690_UNII-3



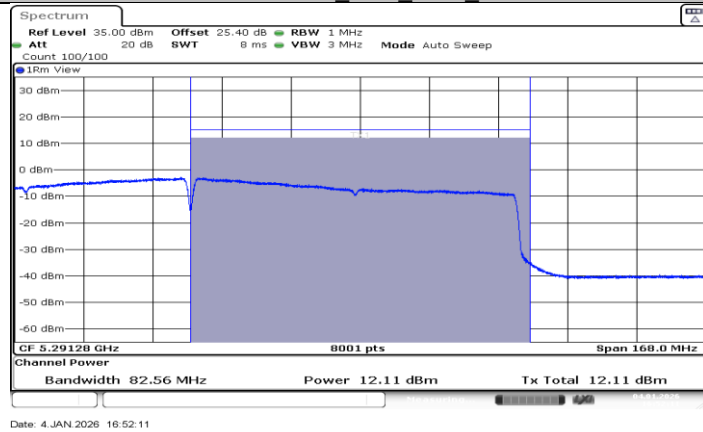
11AX80MIMO_Ant1_5690_UNII-3



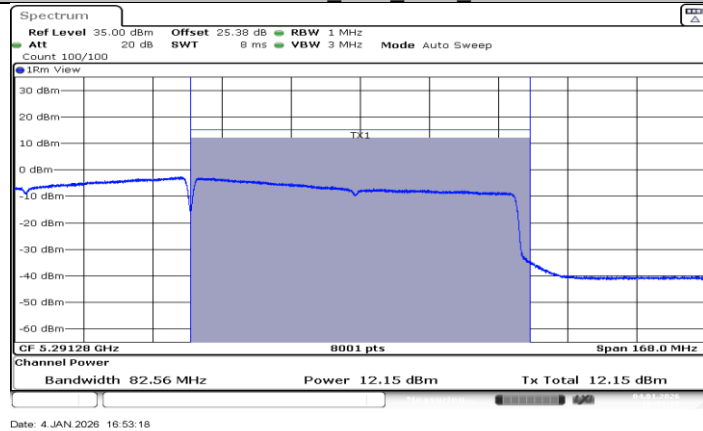
11AX160MIMO_Ant0_5250_UNII-1



11AX160MIMO Ant1 5250 UNII-1



11AX160MIMO Ant0 5250 UNII-2A



11AX160MIMO Ant1 5250 UNII-2A

11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY

11.5.1. Test Result

Mode	Freq(MHz)	PSD 5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)			Directional gain(dBi)	FCC/ISED Limit 5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)	EIRP (dBm/MHz)	EIRP Limit (dBm/MHz)
		ANT0	ANT1	Total			Total	
802.11a	5180	6.58	6.04	9.33	0.50	11.00	9.83	10.00
	5200	7.07	5.64	9.42	0.50	11.00	9.92	10.00
	5240	6.66	5.67	9.20	0.50	11.00	9.70	10.00
	5260	7.84	7.82	10.84	0.50	11.00	---	---
	5280	7.93	7.79	10.87	0.50	11.00	---	---
	5320	8.06	7.67	10.88	0.50	11.00	---	---
	5500	8.28	7.52	10.93	0.50	11.00	---	---
	5580	8.27	7.57	10.94	0.50	11.00	---	---
	5700	7.97	7.66	10.83	0.50	11.00	---	---
	5720-2C	7.78	7.7	10.75	0.50	11.00	---	---
	5720-3	2.13	1.83	4.99	0.50	30.00	---	---
	5745	10.5	10.05	13.29	0.50	30.00	---	---
	5785	9.88	9.33	12.62	0.50	30.00	---	---
	5825	9.13	8.5	11.84	0.50	30.00	---	---
802.11n 20M	5180	6.46	5.7	9.11	0.50	11.00	9.61	10.00
	5200	6.59	5.82	9.23	0.50	11.00	9.73	10.00
	5240	6.67	5.84	9.29	0.50	11.00	9.79	10.00
	5260	8.14	7.58	10.88	0.50	11.00	---	---
	5280	7.89	7.49	10.70	0.50	11.00	---	---
	5320	7.86	7.76	10.82	0.50	11.00	---	---
	5500	7.76	7.17	10.49	0.50	11.00	---	---
	5580	7.87	7.54	10.72	0.50	11.00	---	---
	5700	7.99	7.48	10.75	0.50	11.00	---	---
	5720-2C	7.79	7.64	10.73	0.50	11.00	---	---
	5720-3	2.07	1.89	4.99	0.50	30.00	---	---
	5745	9.79	9.2	12.52	0.50	30.00	---	---
	5785	9.15	9.08	12.13	0.50	30.00	---	---
	5825	8.69	8.21	11.47	0.50	30.00	---	---
802.11n 40M	5190	5.96	5.31	8.66	0.50	11.00	9.16	10.00
	5230	6.35	6.17	9.27	0.50	11.00	9.77	10.00
	5270	5.28	3.95	7.68	0.50	11.00	---	---
	5310	4.82	3.43	7.19	0.50	11.00	---	---
	5510	5.26	4.18	7.76	0.50	11.00	---	---
	5550	6	5.48	8.76	0.50	11.00	---	---

	5670	5.89	4.81	8.39	0.50	11.00	---	---
	5710-2C	5.9	5.48	8.71	0.50	11.00	---	---
	5710-3	-1.03	-1.19	1.90	0.50	30.00	---	---
	5755	4.59	4.1	7.36	0.50	30.00	---	---
	5795	4.52	4.13	7.34	0.50	30.00	---	---
802.11ac 80M	5210	2.21	0.93	4.63	0.50	11.00	5.13	10.00
	5290	2.27	1.09	4.73	0.50	11.00	---	---
	5530	2.45	1.34	4.94	0.50	11.00	---	---
	5610	3.07	2.21	5.67	0.50	11.00	---	---
	5690-2C	2.74	2.18	5.48	0.50	11.00	---	---
	5690-3	-5.59	-6.63	-3.07	0.50	30.00	---	---
	5775	0.71	0.12	3.44	0.50	30.00	---	---
802.11ac 160M	5250-1	-3.63	-4.05	-0.82	0.50	11.00	-0.32	10.00
	5250-2a	-3.58	-4.13	-0.84	0.50	11.00	---	---
	5570	-2	-2.79	0.63	0.50	11.00	---	---
802.11ax 20M	5180	7.07	5.53	9.38	0.50	11.00	9.88	10.00
	5200	6.97	5.80	9.43	0.50	11.00	9.93	10.00
	5240	7.05	5.61	9.40	0.50	11.00	9.90	10.00
	5260	7.54	7.07	10.32	0.50	11.00	---	---
	5280	7.69	7.37	10.54	0.50	11.00	---	---
	5320	8.15	6.95	10.60	0.50	11.00	---	---
	5500	7.81	7.07	10.47	0.50	11.00	---	---
	5580	7.62	6.70	10.19	0.50	11.00	---	---
	5700	7.47	6.99	10.25	0.50	11.00	---	---
	5720-2C	7.63	7.43	10.54	0.50	11.00	---	---
	5720-3	1.68	1.87	4.79	0.50	30.00	---	---
	5745	8.31	8.08	11.21	0.50	30.00	---	---
	5785	8.88	8.47	11.69	0.50	30.00	---	---
	5825	8.21	7.91	11.07	0.50	30.00	---	---
802.11ax 40M	5190	5.60	4.08	7.92	0.50	11.00	8.42	10.00
	5230	6.28	5.33	8.84	0.50	11.00	9.34	10.00
	5270	5.59	4.06	7.90	0.50	11.00	---	---
	5310	5.41	3.89	7.73	0.50	11.00	---	---
	5510	4.77	3.32	7.12	0.50	11.00	---	---
	5550	5.52	4.07	7.87	0.50	11.00	---	---
	5670	5.51	4.72	8.14	0.50	11.00	---	---
	5710-2C	5.59	5.31	8.46	0.50	11.00	---	---
	5710-3	-1.02	-1.53	1.74	0.50	30.00	---	---
	5755	3.93	3.11	6.55	0.50	30.00	---	---
	5795	4.19	3.58	6.91	0.50	30.00	---	---
802.11ax 80M	5210	1.80	0.49	4.20	0.50	11.00	4.70	10.00

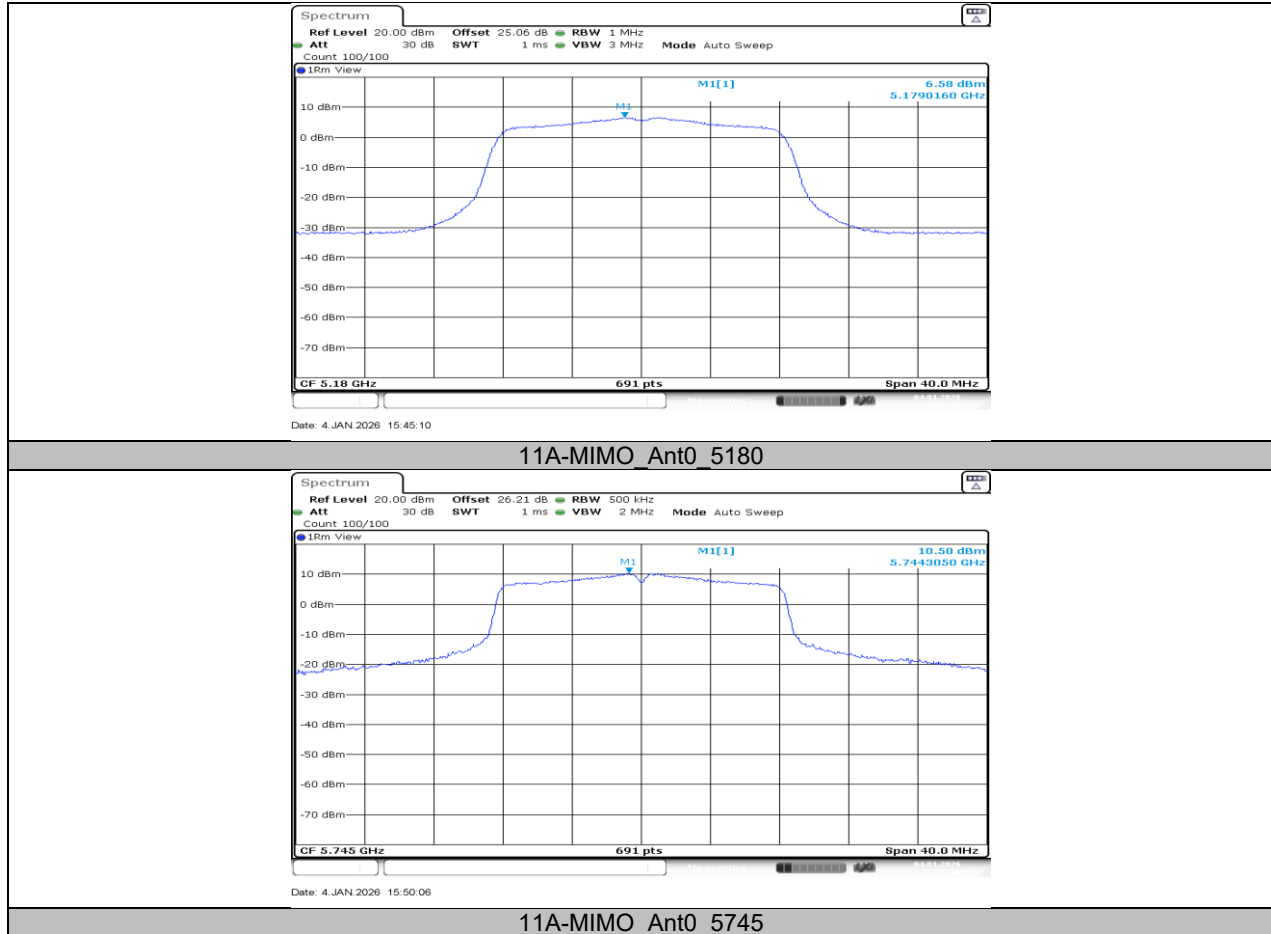
	5290	2.97	1.74	5.41	0.50	11.00	---	---
	5530	2.24	0.88	4.62	0.50	11.00	---	---
	5610	3.19	2.47	5.86	0.50	11.00	---	---
	5690-2C	3.15	2.69	5.94	0.50	11.00	---	---
	5690-3	-5.20	-5.51	-2.34	0.50	30.00	---	---
	5775	0.08	-0.39	2.86	0.50	30.00	---	---
802.11ax 160M	5250-1	-3.25	-3	-0.11	0.50	11.00	0.39	10.00
	5250-2a	-3.15	-3.31	-0.22	0.50	11.00	---	---
	5570	-2.38	-3	0.33	0.50	11.00	---	---

Mode	Freq(MHz)	RU size	RU Index	PSD 5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)			Directional gain(dBi)	FCC/ISED Limit 5150-5725MHz (dBm/MHz) 5725-5850MHz (dBm/500kHz)	EIRP (dBm/MHz) Total	EIRP Limit (dBm/MHz)
				ANT0	ANT1	Total				
802.11ax 20M	5180	26	0	6.71	5.86	9.32	0.50	11.00	9.816	10
		52	37	6.43	5.92	9.19	0.50	11.00	9.693	10
		106	53	6.50	5.35	8.97	0.50	11.00	9.473	10
	5200	26	4	7.05	5.50	9.35	0.50	11.00	9.854	10
		52	38	6.27	5.82	9.06	0.50	11.00	9.561	10
		106	53	6.53	5.35	8.99	0.50	11.00	9.490	10
	5240	26	8	7.09	5.61	9.42	0.50	11.00	9.923	10
		52	40	5.72	6.11	8.93	0.50	11.00	9.430	10
		106	54	6.16	5.44	8.83	0.50	11.00	9.325	10
	5260	26	0	8.13	6.95	10.59	0.50	11.00	---	---
		52	37	7.41	6.81	10.13	0.50	11.00	---	---
		106	53	7.60	6.32	10.02	0.50	11.00	---	---
	5280	26	4	7.69	7.53	10.62	0.50	11.00	---	---
		52	38	7.55	7.32	10.45	0.50	11.00	---	---
		106	53	7.60	6.49	10.09	0.50	11.00	---	---
	5320	26	8	7.61	7.13	10.39	0.50	11.00	---	---
		52	40	7.31	7.45	10.39	0.50	11.00	---	---
		106	54	7.50	6.81	10.18	0.50	11.00	---	---
	5500	26	0	7.89	7.14	10.54	0.50	11.00	---	---
		52	37	7.43	6.91	10.19	0.50	11.00	---	---
		106	53	7.59	6.58	10.12	0.50	11.00	---	---
	5580	26	4	7.74	7.22	10.50	0.50	11.00	---	---
		52	38	7.20	7.16	10.19	0.50	11.00	---	---
		106	53	7.39	6.85	10.14	0.50	11.00	---	---
	5700	26	8	7.88	7.59	10.75	0.50	11.00	---	---
		52	40	7.95	7.63	10.80	0.50	11.00	---	---

		106	54	7.57	7.22	10.41	0.50	11.00	---	---
	5745	26	0	16.26	15.91	19.10	0.50	30.00	---	---
		52	37	13.34	12.71	16.05	0.50	30.00	---	---
		106	53	13.40	12.65	16.05	0.50	30.00	---	---
	5785	26	4	12.67	12.11	15.41	0.50	30.00	---	---
		52	38	12.46	12.29	15.39	0.50	30.00	---	---
		106	53	11.04	10.25	13.67	0.50	30.00	---	---
	5825	26	8	15.44	15.53	18.50	0.50	30.00	---	---
		52	40	12.53	12.71	15.63	0.50	30.00	---	---
		106	54	12.52	12.84	15.69	0.50	30.00	---	---

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 test result.

11.5.2. Test Graphs



Note:

1. Only Low channel plot is reported to show setting parameter compliance with testing method/procedure.
2. For all modes, RBW setting to 1MHz is used on PSD measurement in UNII-1/2A/2C.
3. For all modes, RBW setting to 500kHz is used on PSD measurement in UNII-3.

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5199.9879	-2.33	5199.9922	-1.51	5199.9813	-3.60	5200.0080	1.55
TN	VN	5200.0074	1.42	5200.0202	3.89	5199.9930	-1.35	5200.0012	0.24
TN	VH	5200.0007	0.14	5199.9885	-2.20	5200.0170	3.26	5199.9938	-1.20
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
50	VN	5200.0177	3.40	5200.0066	1.27	5199.9863	-2.64	5200.0109	2.09
40	VN	5199.9843	-3.01	5199.9867	-2.56	5200.0105	2.03	5200.0107	2.05
30	VN	5200.0196	3.76	5200.0005	0.09	5200.0016	0.31	5199.9813	-3.59
20	VN	5200.0047	0.90	5199.9844	-3.01	5200.0168	3.24	5199.9862	-2.66
10	VN	5199.9838	-3.12	5200.0236	4.54	5199.9885	-2.22	5199.9975	-0.48
0	VN	5200.0065	1.24	5199.9878	-2.35	5200.0235	4.52	5200.0134	2.58
-10	VN	5199.9827	-3.33	5199.9826	-3.35	5200.0203	3.91	5199.9831	-3.24

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.7. APPENDIX G: DUTY CYCLE

11.7.1. 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-MIMO	2.02	2.04	0.9902	99.02	0.04	N/A	0.01
11N20MIMO	5.42	5.43	0.9982	99.82	0.01	N/A	0.01
11N40MIMO	5.41	5.43	0.9963	99.63	0.02	N/A	0.01
11AC80MIMO	5.42	5.44	0.9963	99.63	0.02	N/A	0.01
11AC160MIMO	5.41	5.43	0.9963	99.63	0.02	N/A	0.01
11AX20MIMO	5.43	5.45	0.9963	99.63	0.02	N/A	0.01
11AX40MIMO	5.43	5.45	0.9963	99.63	0.02	N/A	0.01
11AX80MIMO	5.43	5.45	0.9963	99.63	0.02	N/A	0.01
11AX160MIMO	5.44	5.46	0.9963	99.63	0.02	N/A	0.01

Test Mode	RuSize	RuIndex	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)
11AX20MIMO	26Tone	RU0	5.08	5.10	0.9961	99.61	0.02	N/A	0.01
	52Tone	RU37	5.07	5.09	0.9961	99.61	0.02	N/A	0.01
	106Tone	RU53	4.76	4.77	0.9979	99.79	0.01	N/A	0.01

Note:

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

Where: x is Duty Cycle (Linear)

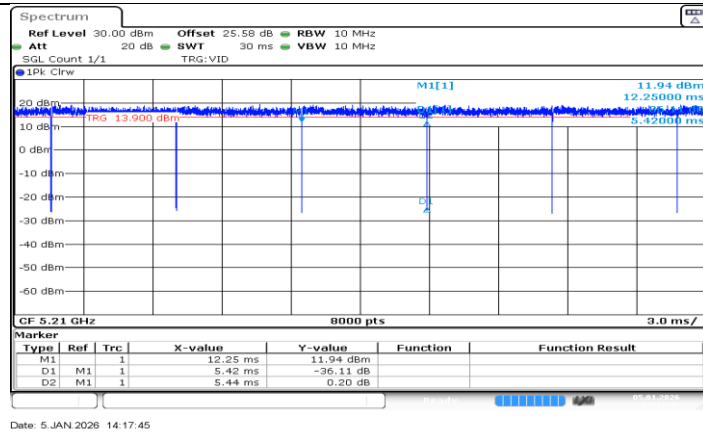
Where: T is On Time

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

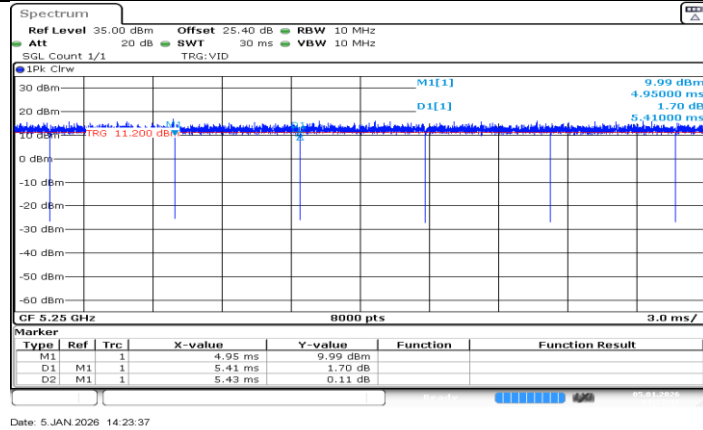
If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW $\leq$ RBW/100 (i.e., 10 kHz) but not less than 10 Hz.

11.7.2. Test Graphs

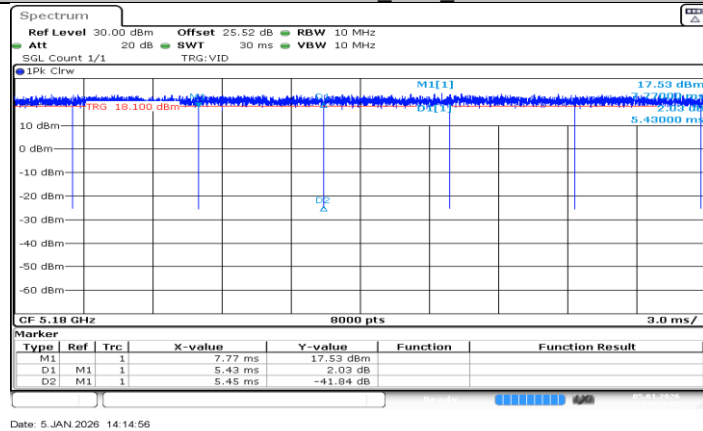




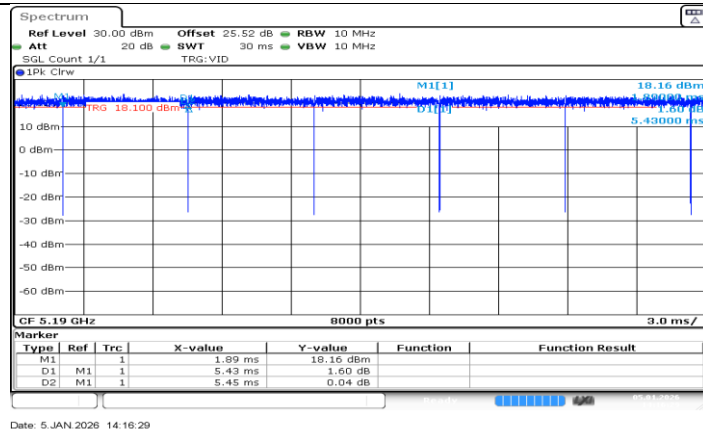
11AC80MIMO_Ant0_5210



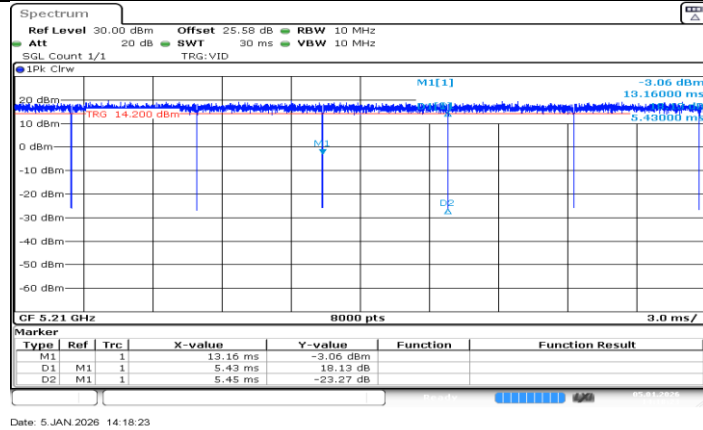
11AC160MIMO_Ant0_5250



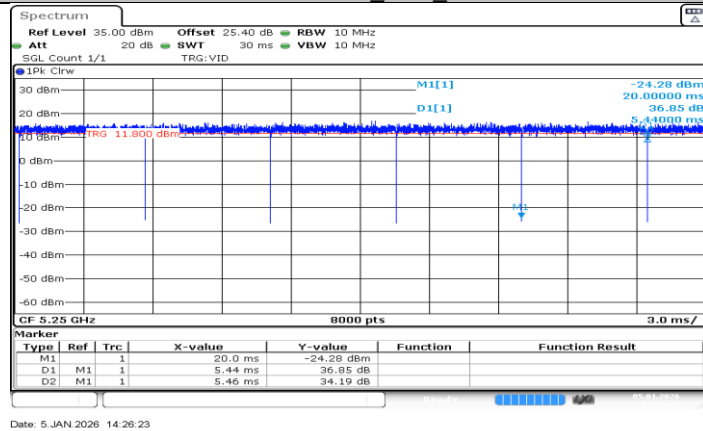
11AX20MIMO_Ant0_5180



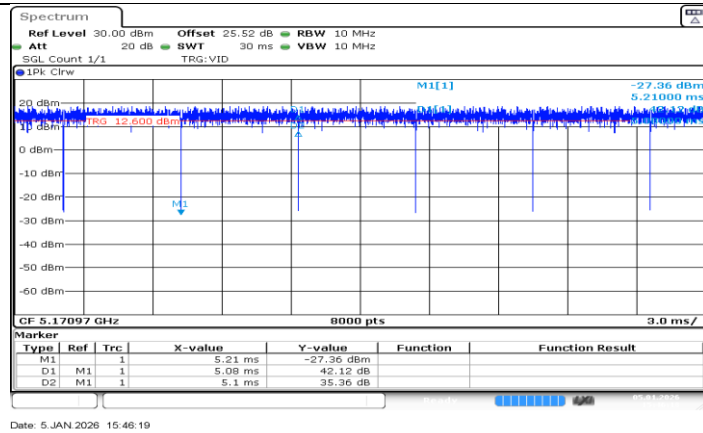
11AX40MIMO_Ant0_5190



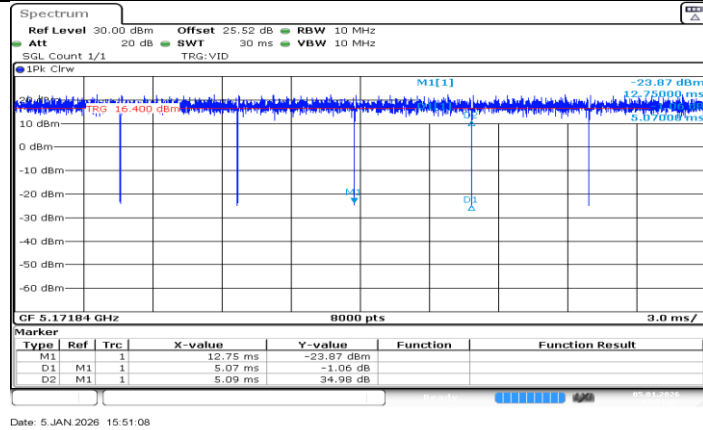
11AX80MIMO_Ant0_5210



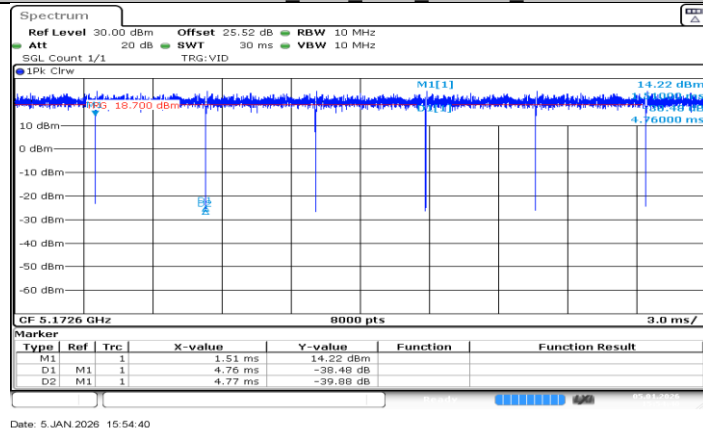
11AX160MIMO_Ant0_5250



11AX20MIMO_Ant0_5180_26Tone_RU0



11AX20MIMO_Ant0_5180_52Tone_RU37



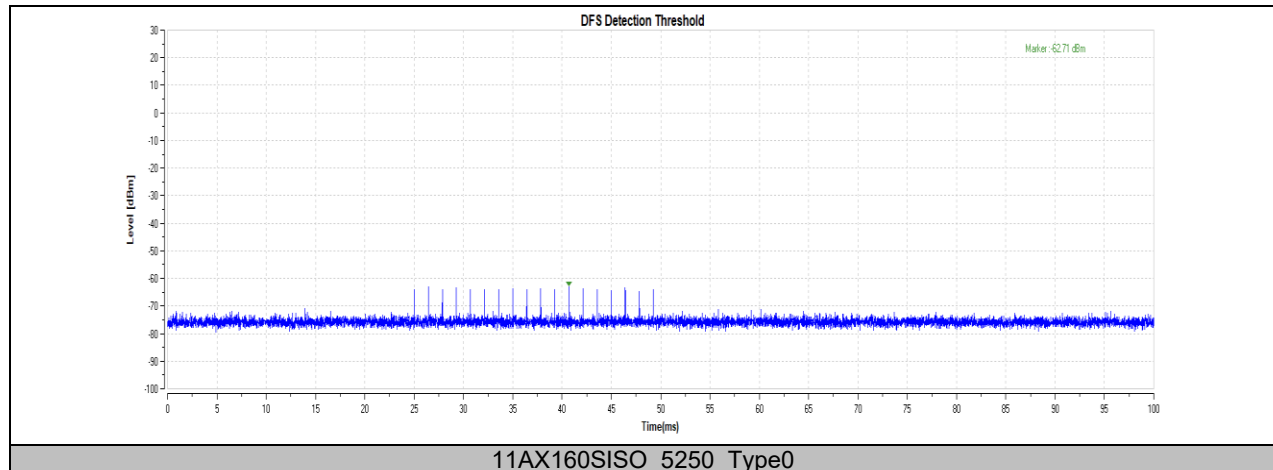
11AX20MIMO_Ant0_5180_106Tone_RU53

11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Frequency[MHz]	Radar Type	Result	Verdict
11AX160SISO	5250	Type0	-62.29	PASS

11.8.2. Test Graphs

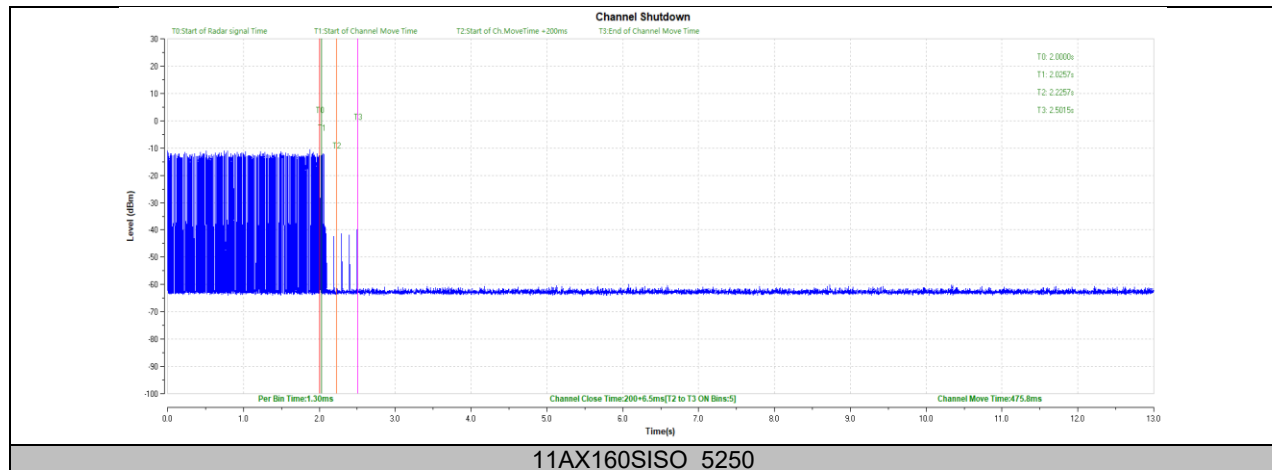


11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX160SISO	5250	200+7.8	200+60	513.5	10000	PASS

11.9.2. Test Graphs

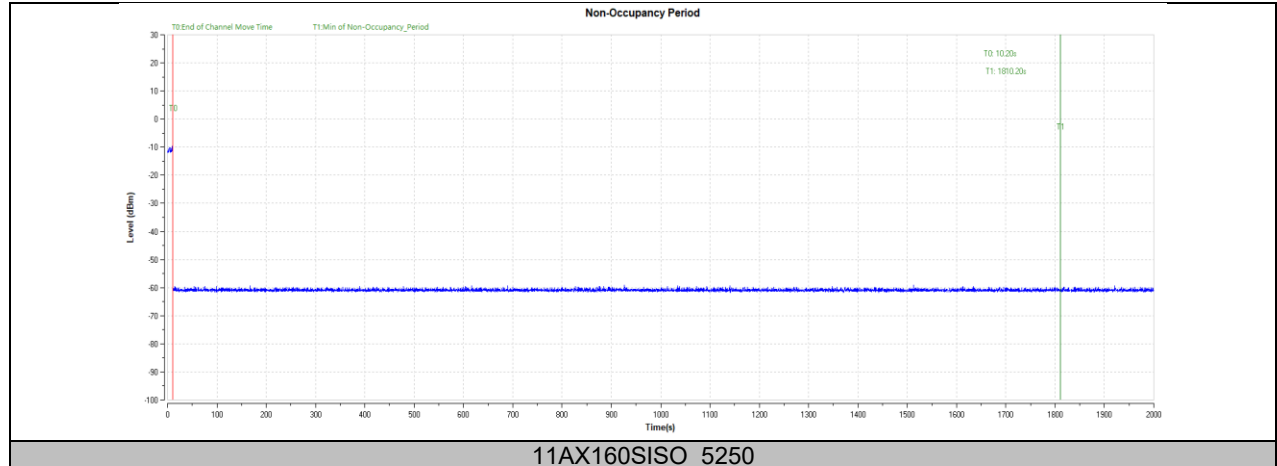


11.10. APPENDIX J: NON-OCCUPANCY PERIOD

Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AX160SISO	5250	see test graph	≥1800	PASS

11.10.1. Test Graphs



END OF REPORT