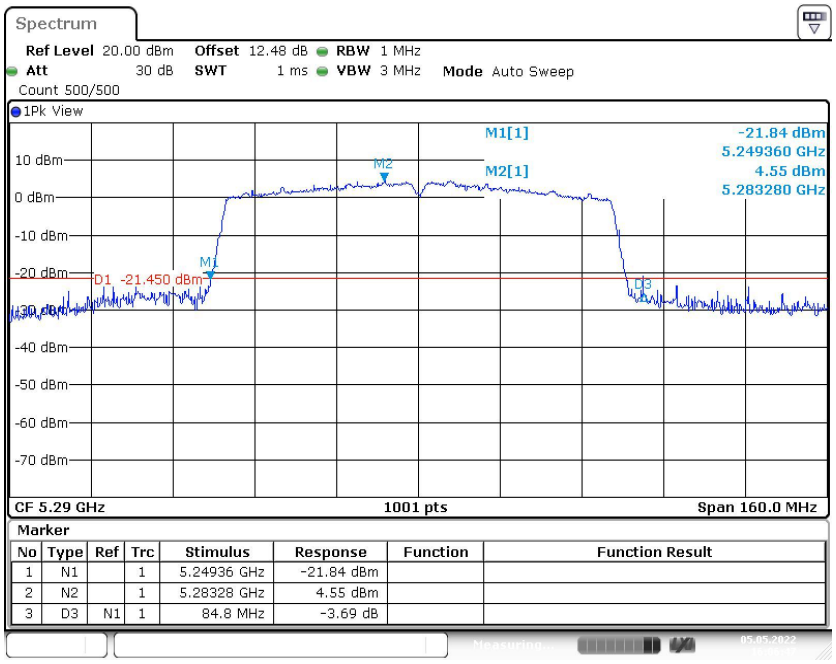

Fig. 23 Occupied 26dB Bandwidth (802.11ac-VHT80, 5290MHz)

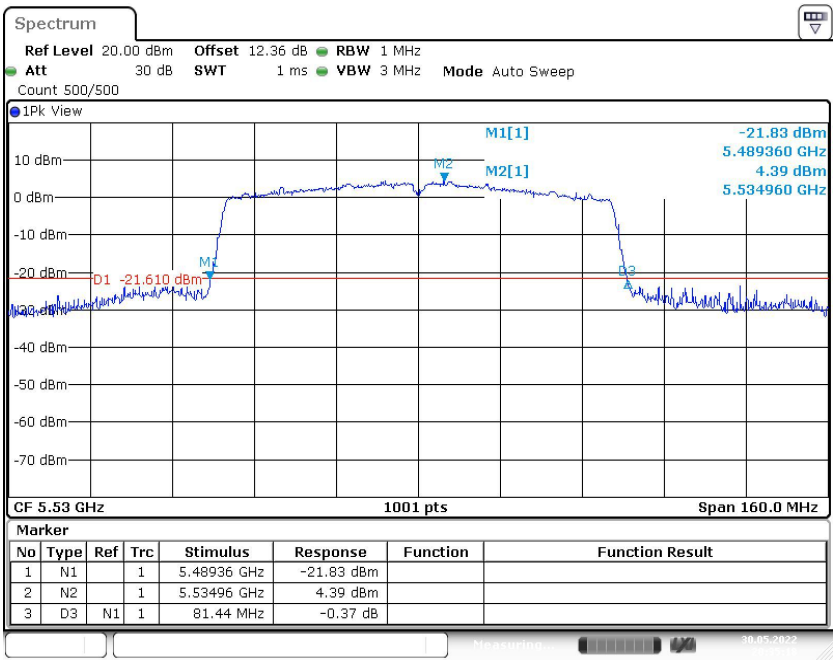

Fig. 24 Occupied 26dB Bandwidth (802.11ac-VHT80, 5530MHz)

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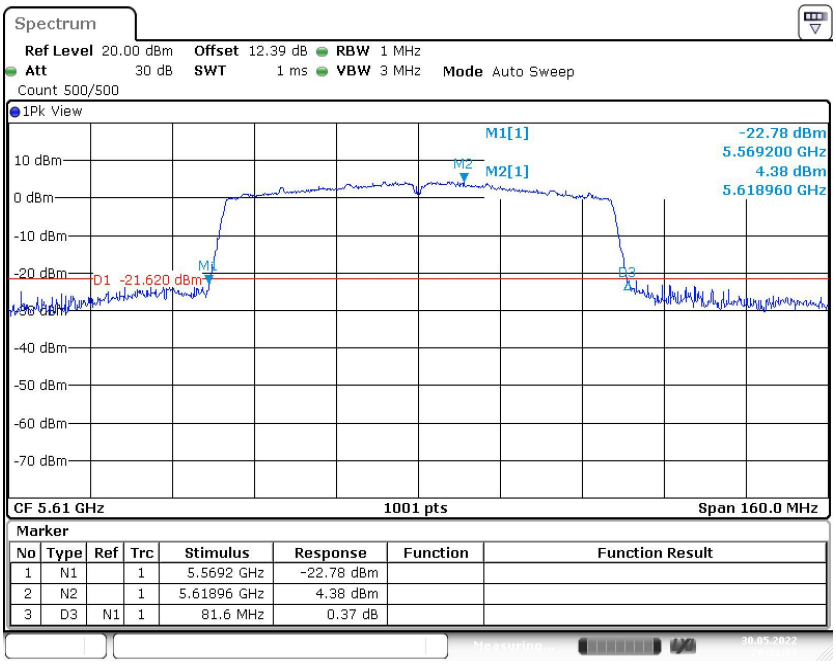

Fig. 25 Occupied 26dB Bandwidth (802.11ac-VHT80, 5610MHz)

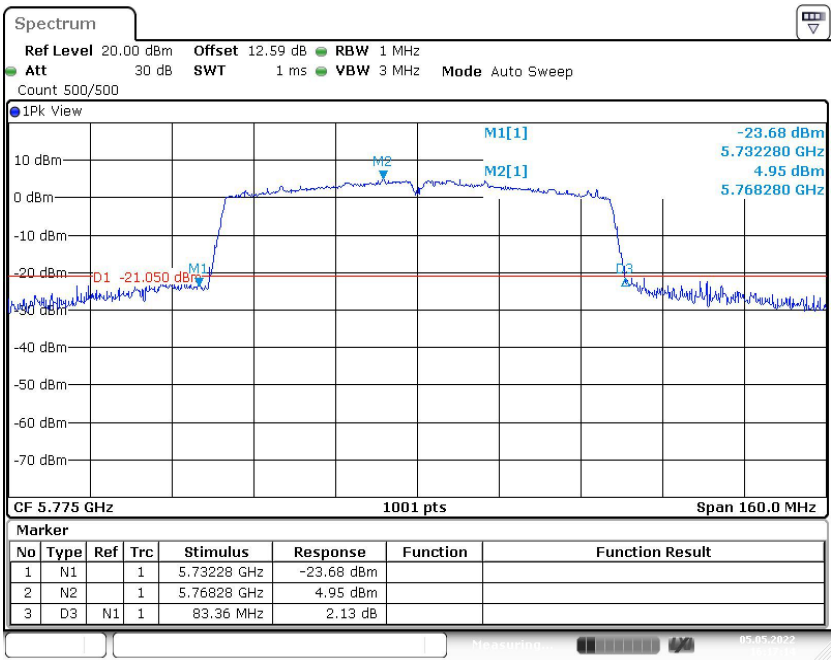

Fig. 26 Occupied 26dB Bandwidth (802.11ac-VHT80, 5775MHz)

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A.5. Occupied 6dB Bandwidth (conducted)

Measurement of method: See KDB 789033 D02 v02r01, Section C.2.

Measurement Limit:

Standard	Limit (MHz)
FCC 47 CFR Part 15.407 (e)	≥ 0.5

The measurement is made according to KDB 789033

Measurement Result:

Mode	Channel	Occupied 6dB Bandwidth(MHz)		Conclusion
802.11a	5745MHz(Ch149)	Fig.27	14.84	**P**
	5785MHz(Ch157)	Fig.28	14.84	**P**
	5825MHz(Ch165)	Fig.29	15.12	**P**
802.11n-HT40	5755MHz(Ch151)	Fig.30	35.04	**P**
	5795MHz(Ch159)	Fig.31	35.12	**P**
802.11ac-VHT80	5775MHz(Ch155)	Fig.32	75.20	**P**

See below for test graphs.
Conclusion: PASS

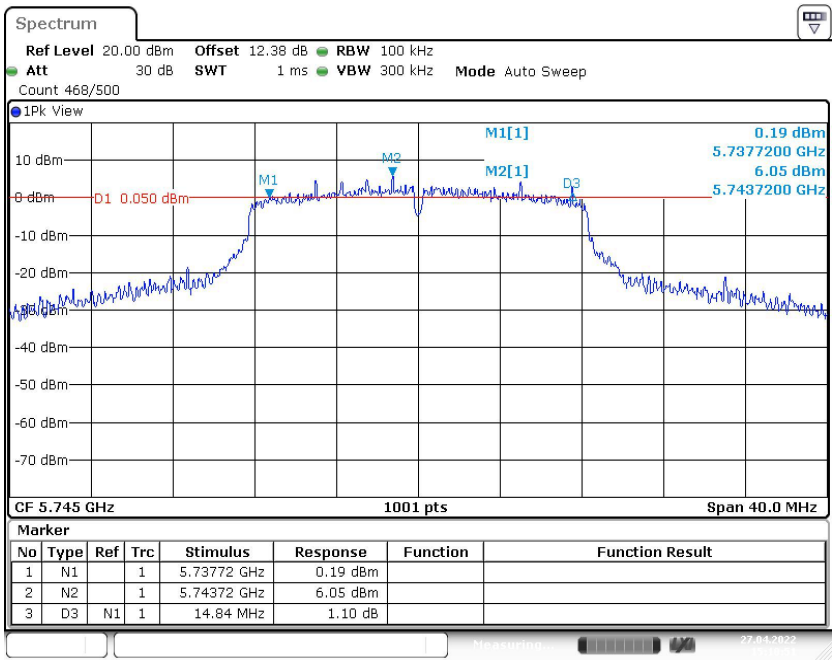

Fig. 27 Occupied 6dB Bandwidth (802.11a, 5745MHz)

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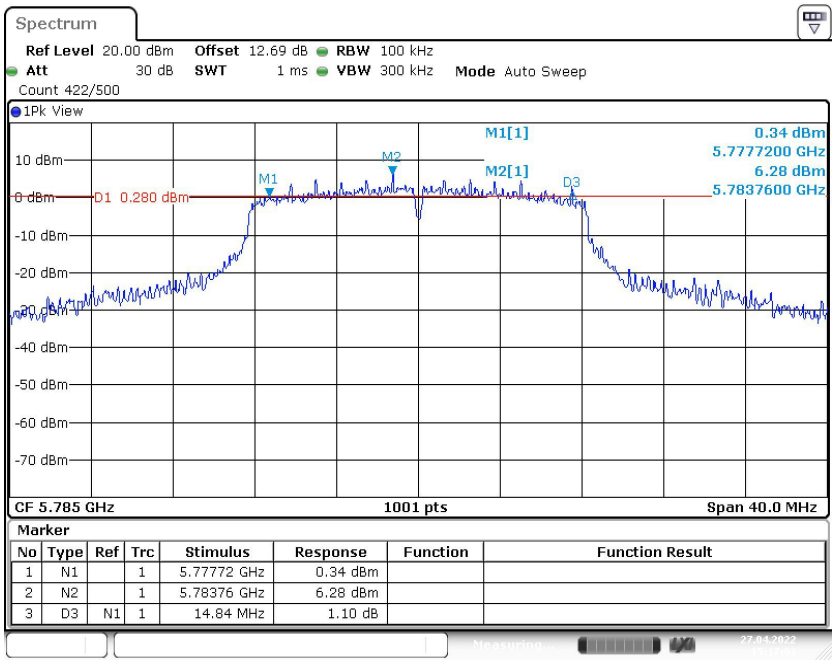

Fig. 28 Occupied 6dB Bandwidth (802.11a, 5785MHz)

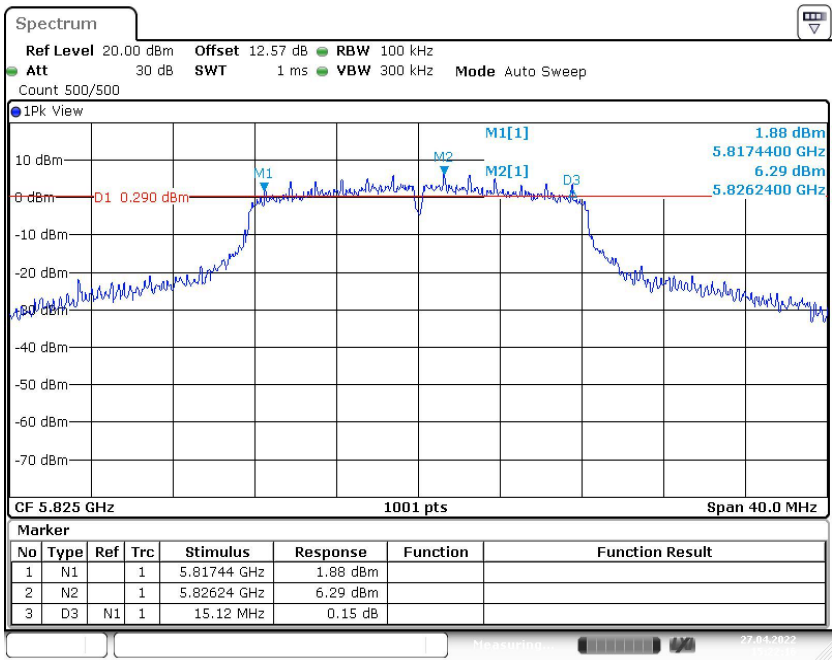

Fig. 29 Occupied 6dB Bandwidth (802.11a, 5825MHz)

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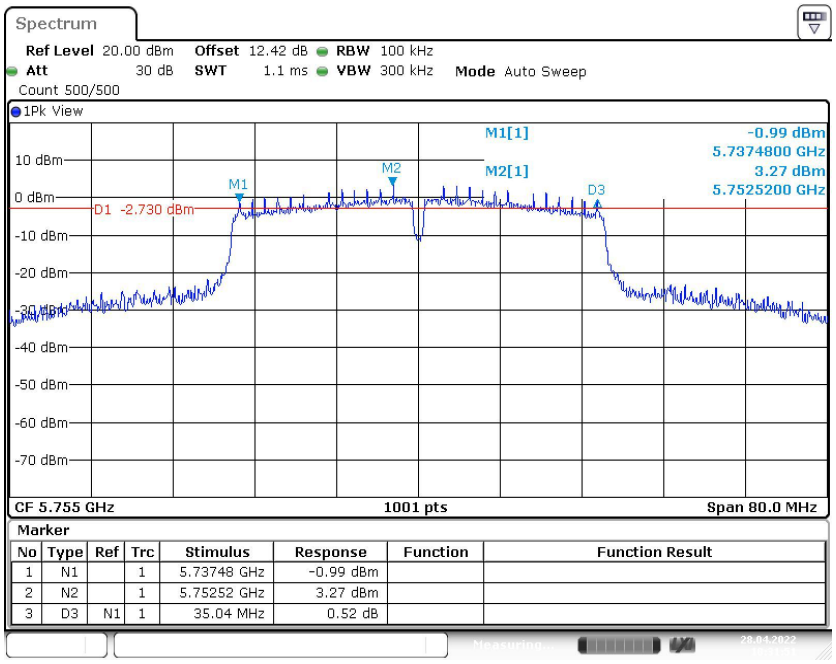

Fig. 30 Occupied 6dB Bandwidth (802.11n-HT40, 5755MHz)

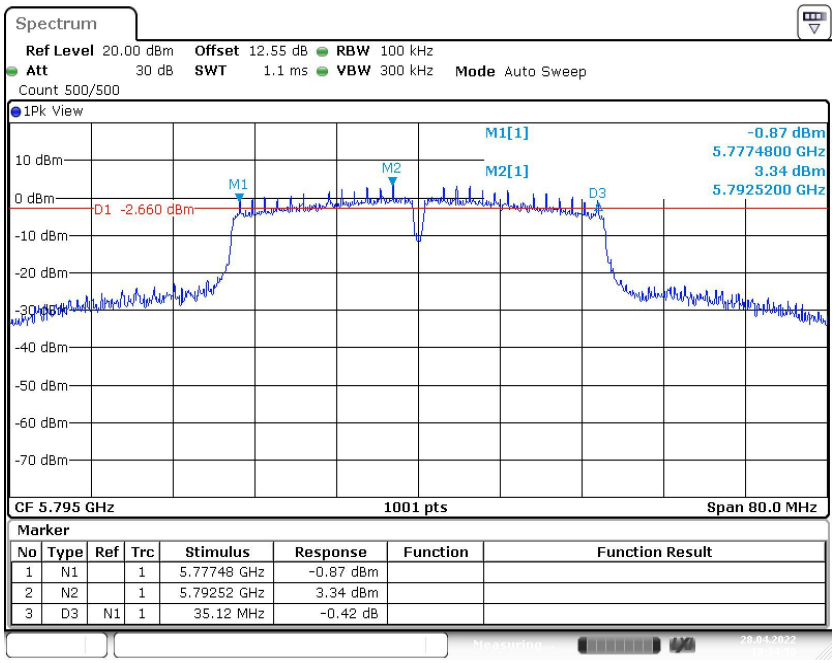

Fig. 31 Occupied 6dB Bandwidth (802.11n-HT40, 5795MHz)

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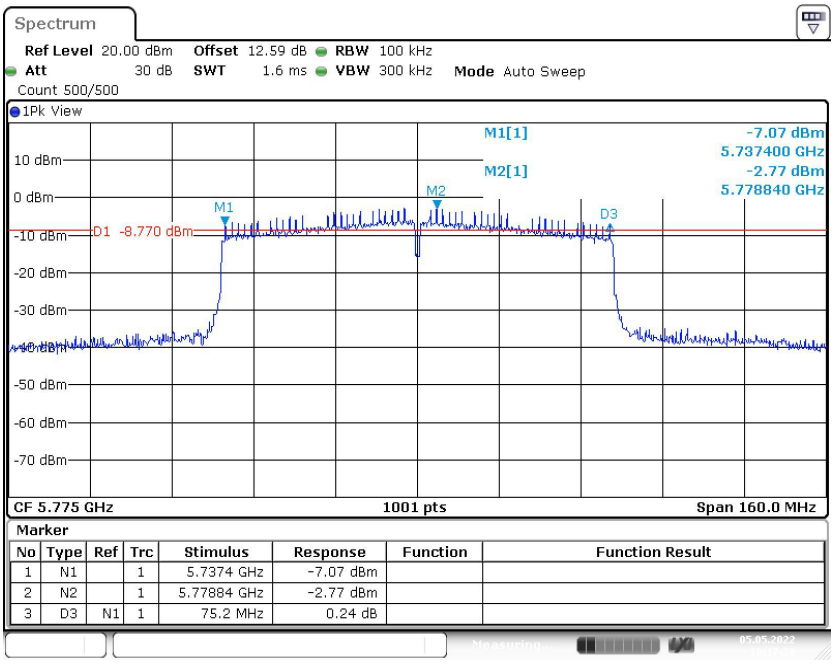

Fig. 32 Occupied 6dB Bandwidth (802.11ac-VHT80, 5775MHz)

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A.6. 99% Occupied Bandwidth (conducted)

Measurement of method: See KDB 789033 D02 v02r01, Section D.

Measurement Limit:

Standard	Limit (MHz)
FCC 47 CFR Part 15.403	/

The measurement is made according to KDB 789033

Measurement Result:

Mode	Channel	99% Occupied Bandwidth(MHz)		Conclusion
802.11a	5180MHz(Ch36)	Fig.33	17.74	/
	5200MHz(Ch40)	Fig.34	17.86	/
	5240MHz(Ch48)	Fig.35	18.02	/
	5260MHz(Ch52)	Fig.36	17.98	/
	5280MHz(Ch56)	Fig.37	17.98	/
	5320MHz(Ch64)	Fig.38	17.94	/
	5500MHz(Ch100)	Fig.39	18.46	/
	5580MHz(Ch116)	Fig.40	17.78	/
	5700MHz(Ch140)	Fig.41	17.90	/
	5745MHz(Ch149)	Fig.42	18.14	/
	5785MHz(Ch157)	Fig.43	17.94	/
	5825MHz(Ch165)	Fig.44	18.06	/
802.11n-HT40	5190MHz(Ch38)	Fig.45	37.48	/
	5230MHz(Ch46)	Fig.46	37.48	/
	5270MHz(Ch54)	Fig.47	37.48	/
	5310MHz(Ch62)	Fig.48	37.32	/
	5510MHz(Ch102)	Fig.49	37.80	/
	5550MHz(Ch110)	Fig.50	37.72	/
	5670MHz(Ch134)	Fig.51	37.48	/
	5755MHz(Ch151)	Fig.52	37.64	/
	5795MHz(Ch159)	Fig.53	37.64	/
802.11ac-VHT80	5210MHz(Ch42)	Fig.54	75.76	/
	5290MHz(Ch58)	Fig.55	75.45	/
	5530MHz(Ch106)	Fig.56	75.76	/
	5610MHz(Ch122)	Fig.57	75.60	/
	5775MHz(Ch155)	Fig.58	75.45	/

See below for test graphs.

Conclusion: PASS

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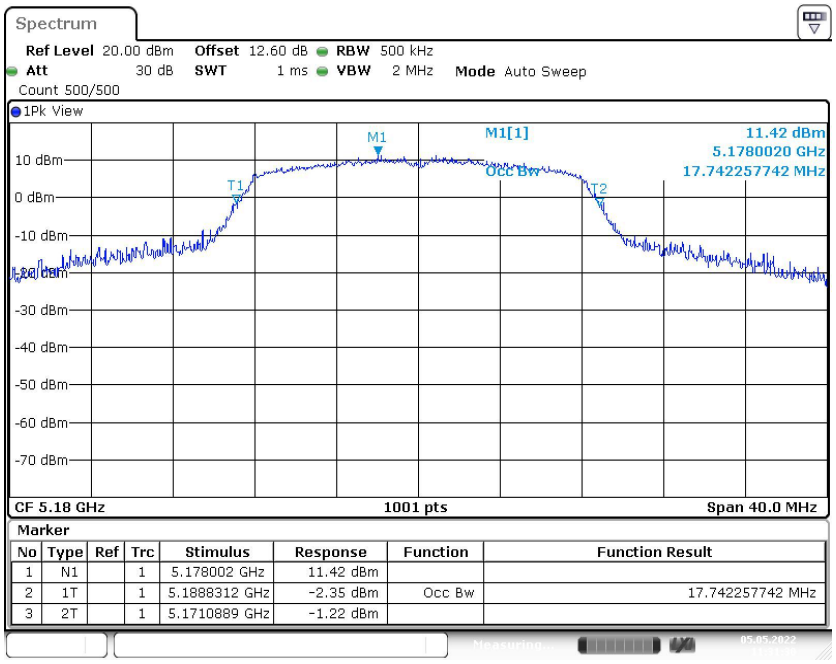

Fig. 33 99% Occupied Bandwidth (802.11a, 5180MHz)

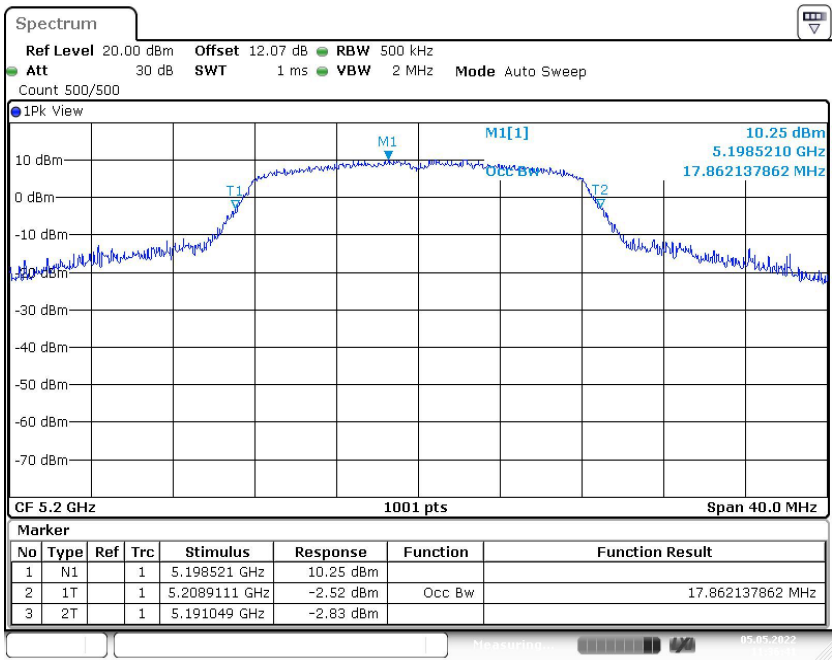

Fig. 34 99% Occupied Bandwidth (802.11a, 5200MHz)

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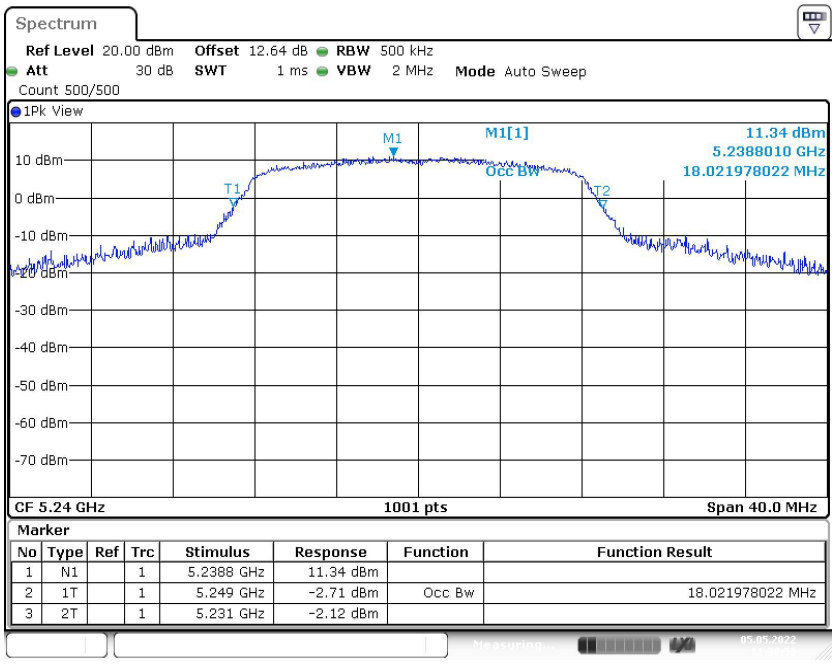

Fig. 35 99% Occupied Bandwidth (802.11a, 5240MHz)

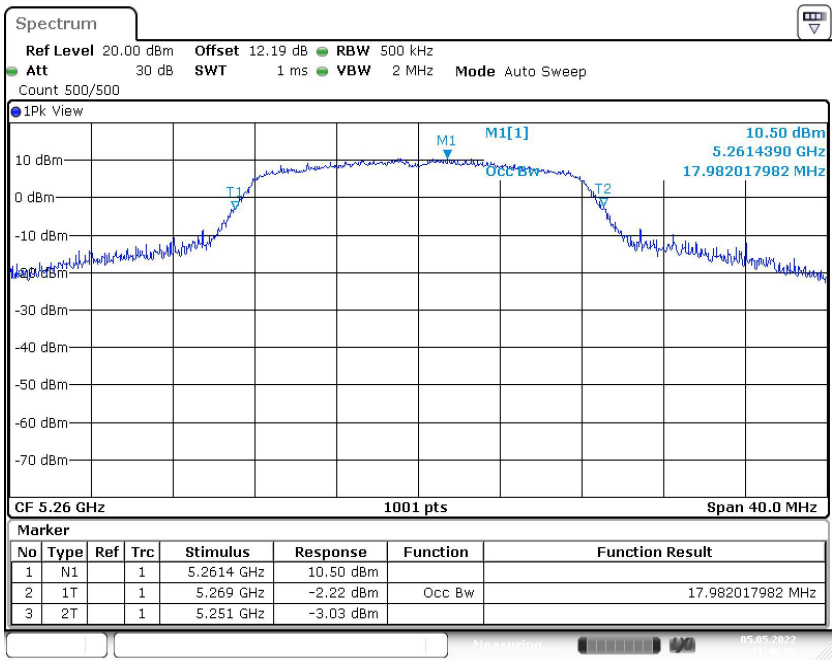

Fig. 36 99% Occupied Bandwidth (802.11a, 5260MHz)

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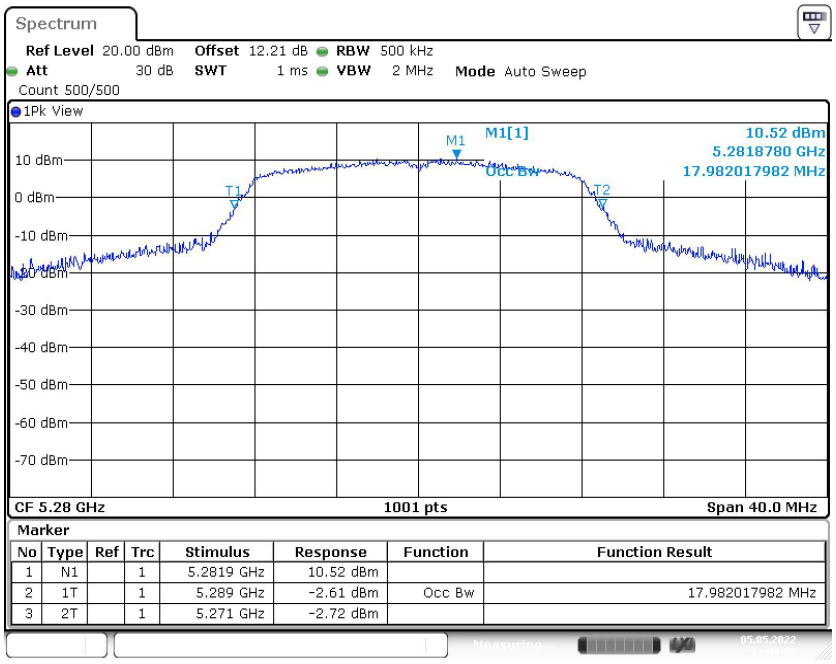

Fig. 37 99% Occupied Bandwidth (802.11a, 5280MHz)

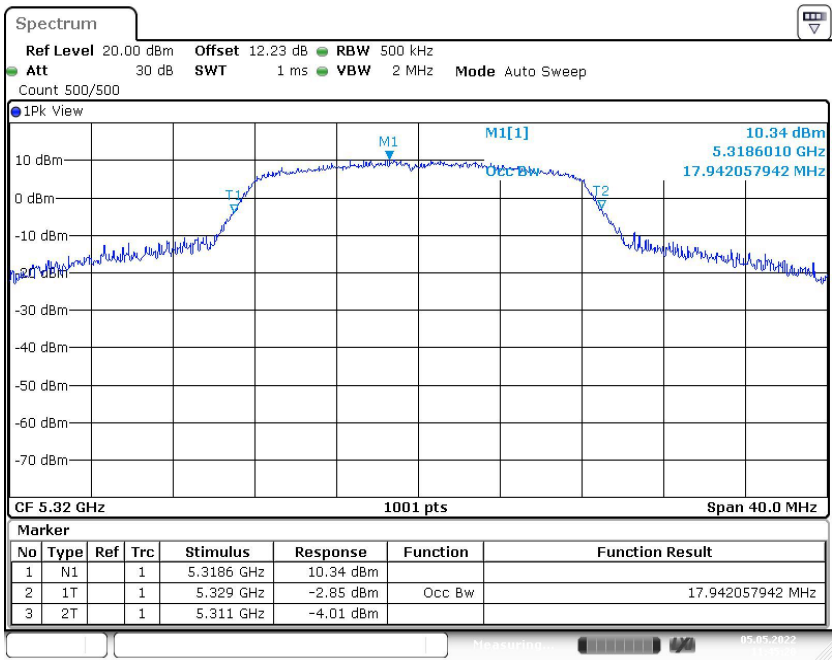

Fig. 38 99% Occupied Bandwidth (802.11a, 5320MHz)

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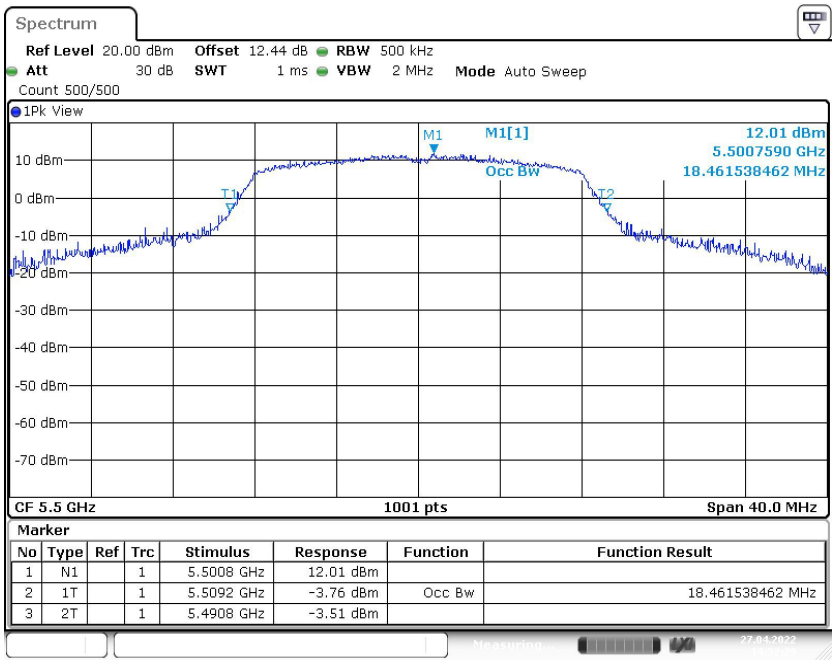

Fig. 39 99% Occupied Bandwidth (802.11a, 5500MHz)

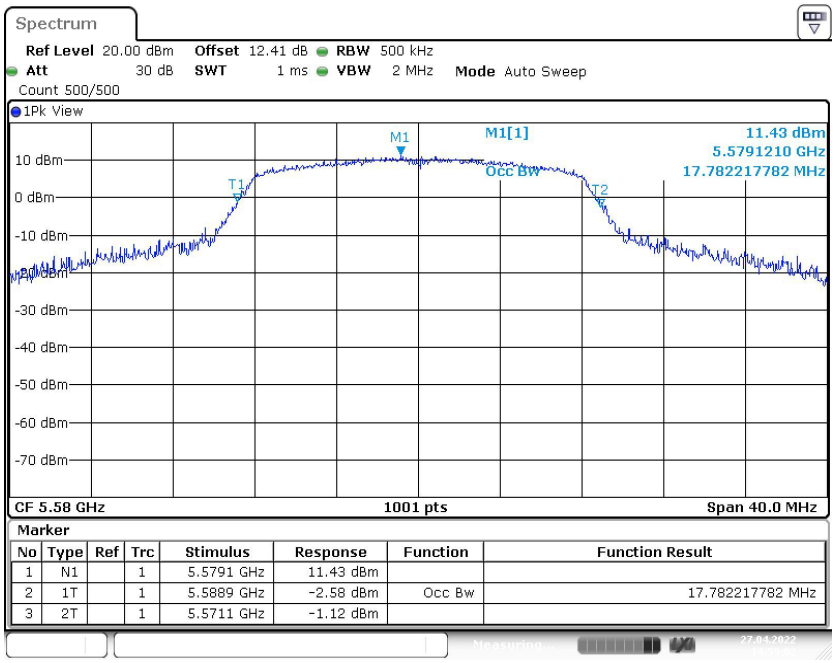

Fig. 40 99% Occupied Bandwidth (802.11a, 5580MHz)

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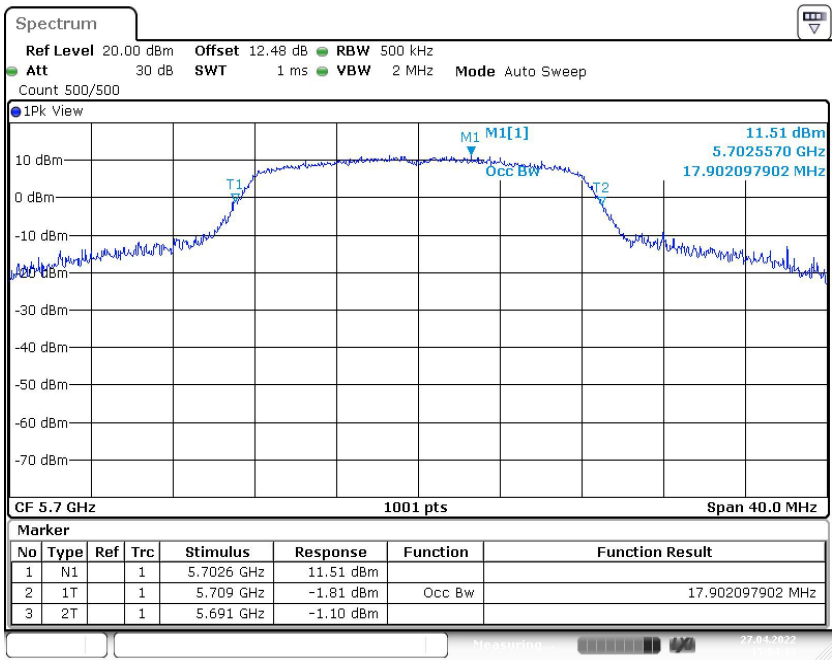

Fig. 41 99% Occupied Bandwidth (802.11a, 5700MHz)

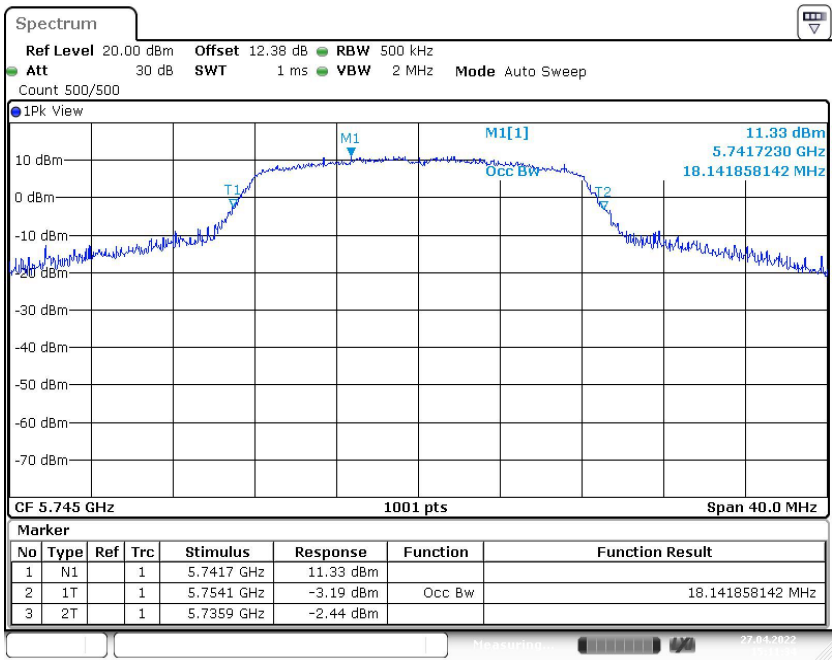

Fig. 42 99% Occupied Bandwidth (802.11a, 5745MHz)

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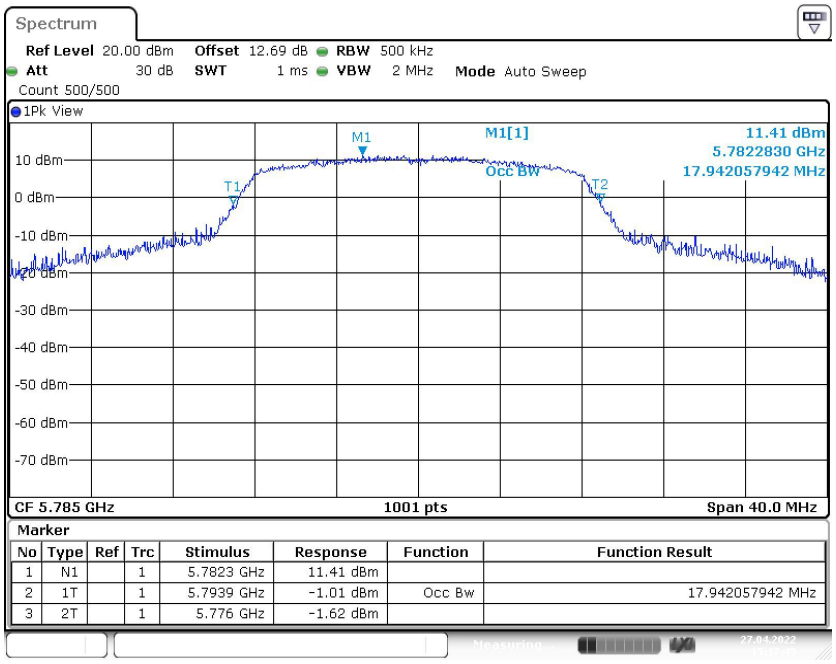

Fig. 43 99% Occupied Bandwidth (802.11a, 5785MHz)

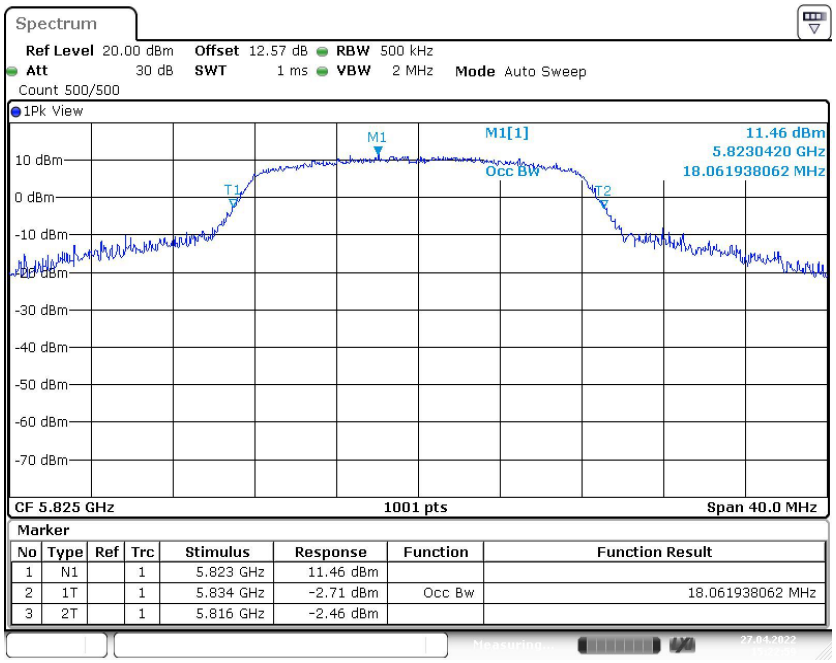

Fig. 44 99% Occupied Bandwidth (802.11a, 5825MHz)

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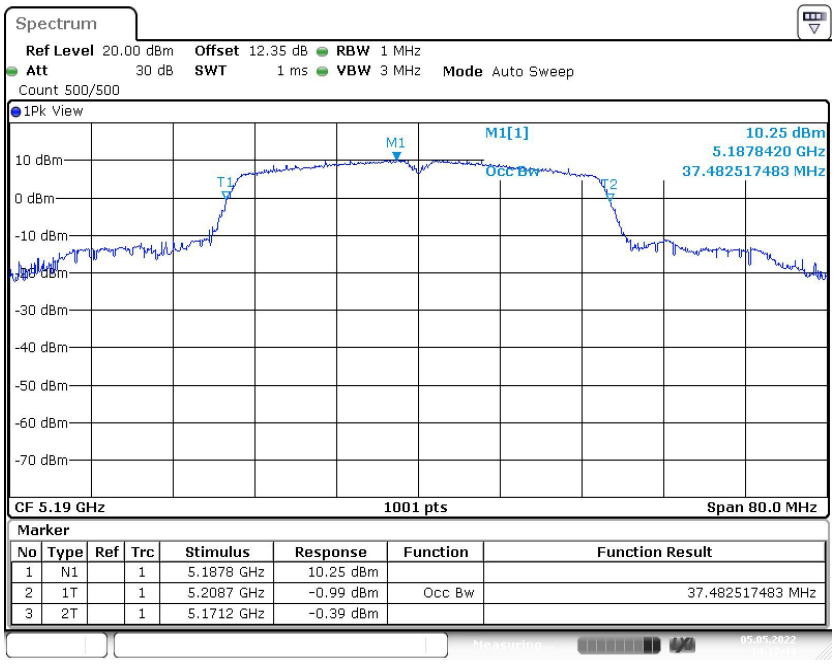

Fig. 45 99% Occupied Bandwidth (802.11n-HT40, 5190MHz)

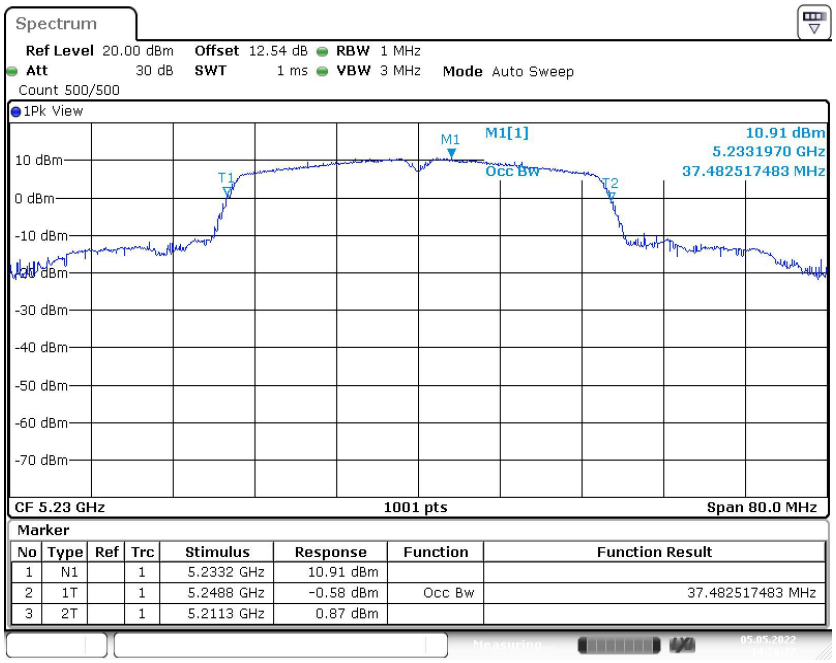

Fig. 46 99% Occupied Bandwidth (802.11n-HT40, 5230MHz)

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