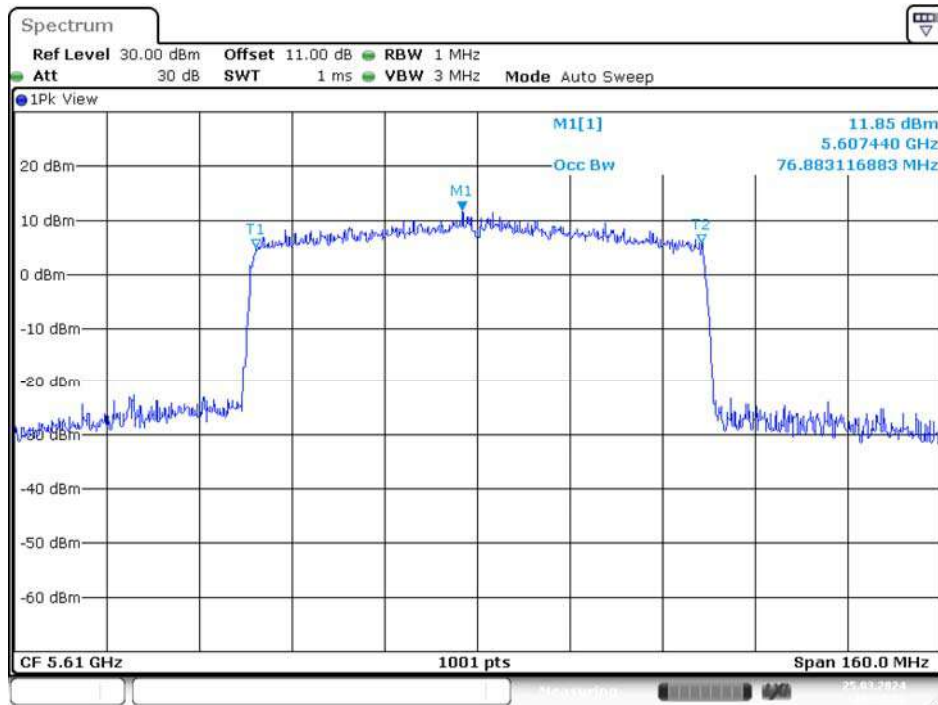


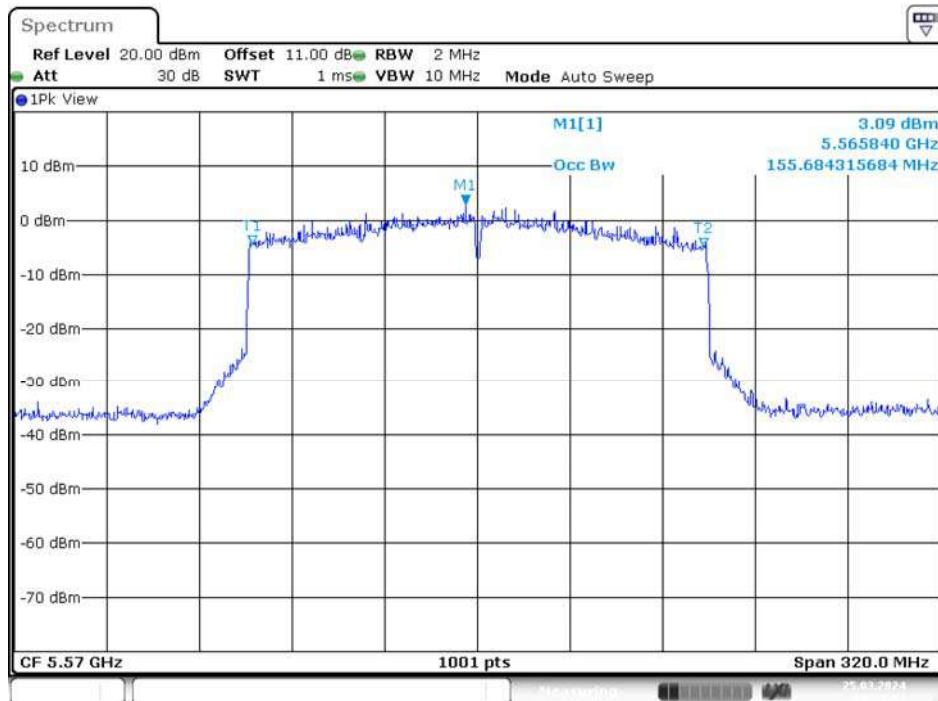
5610MHz



Date: 25.MAR.2024 19:27:23

IEEE 802.11ax HE160 Mode / 5470 ~ 5725MHz

5570MHz



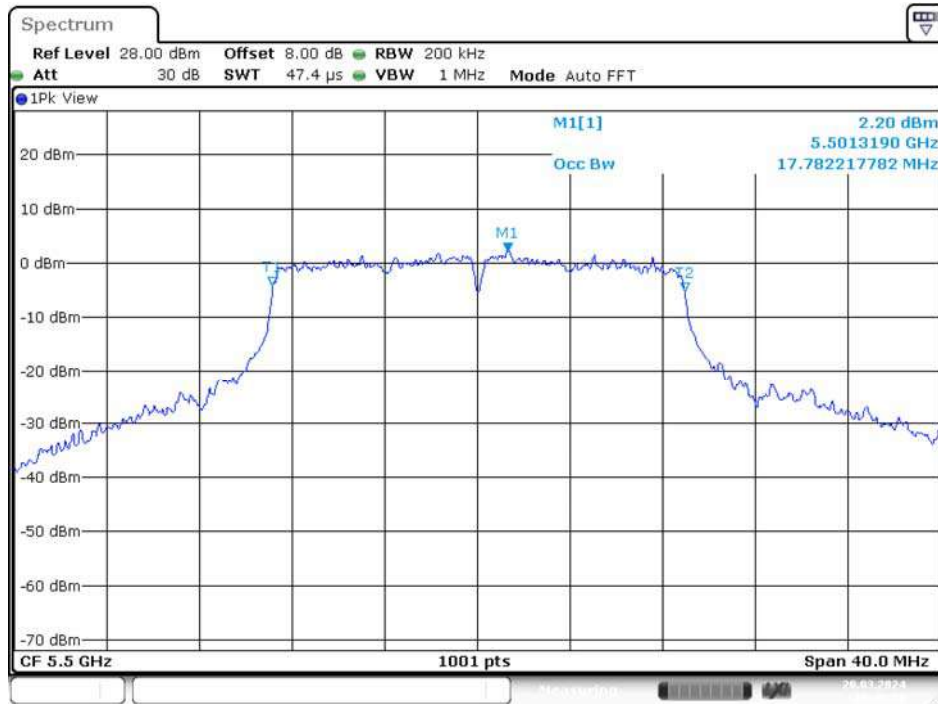
Date: 25.MAR.2024 20:13:04

Beamforming Mode:

Chain 0

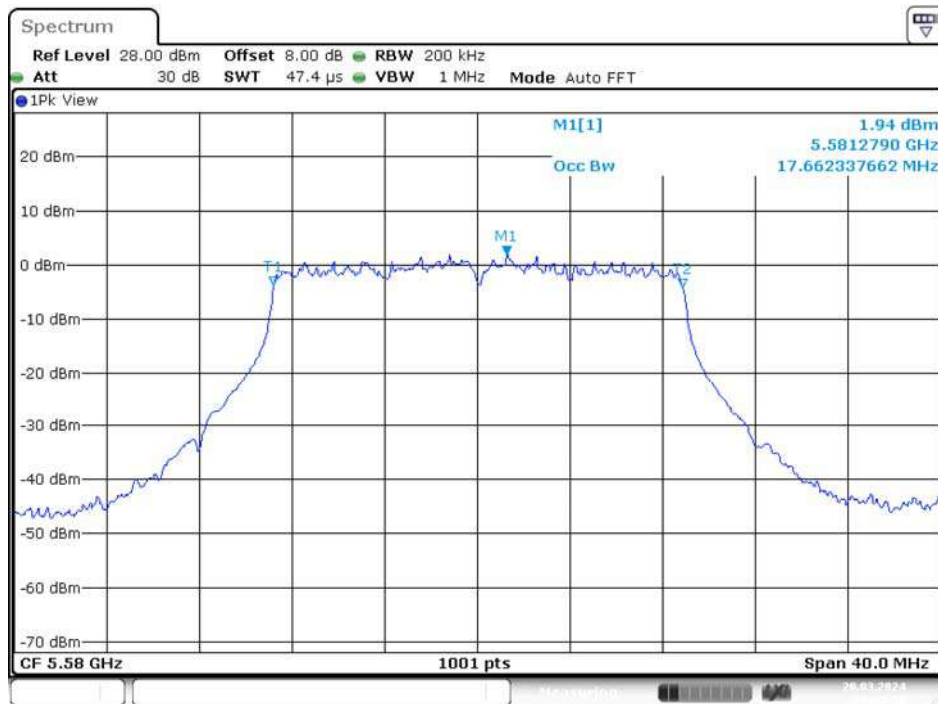
IEEE 802.11ac VHT20 Mode / 5470 ~ 5725MHz

5500MHz



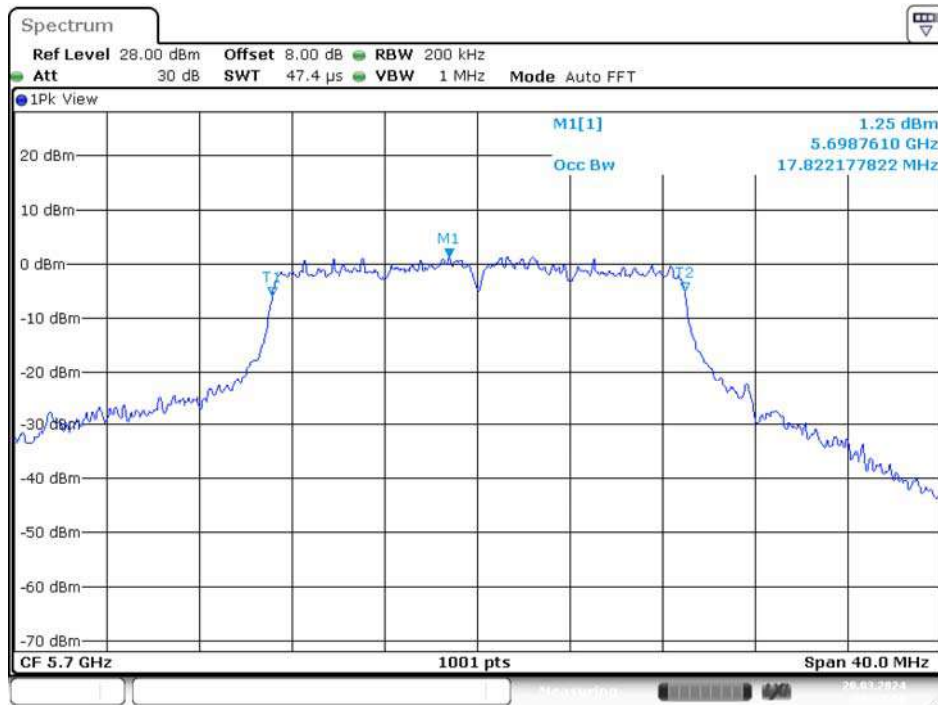
Date: 20.MAR.2024 19:46:28

5580MHz



Date: 20.MAR.2024 20:05:50

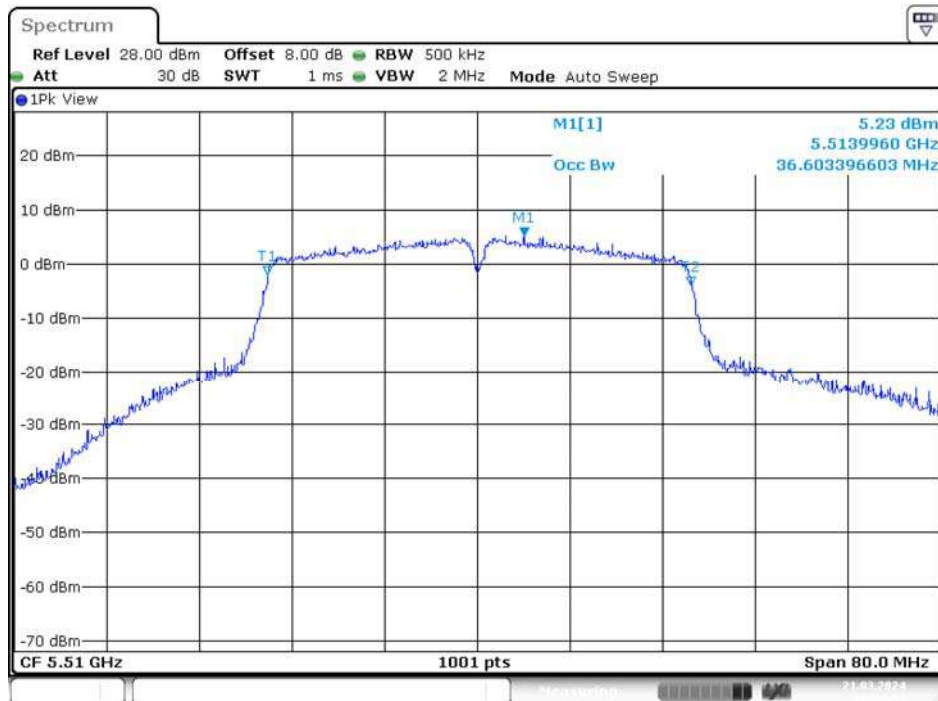
5700MHz



Date: 20.MAR.2024 20:11:07

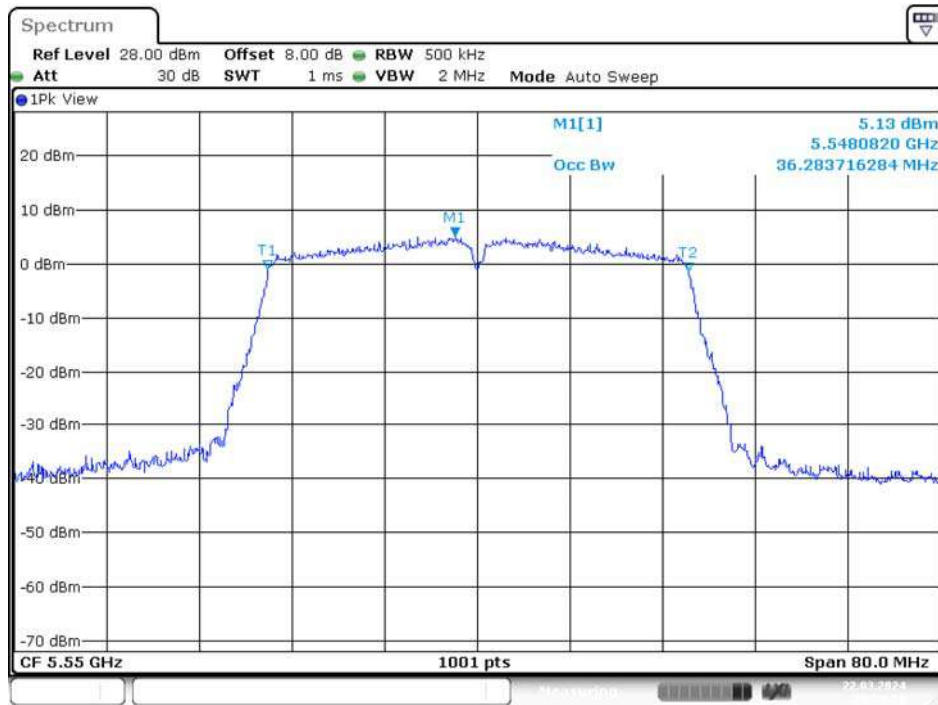
IEEE 802.11ac VHT40 Mode / 5470 ~ 5725MHz

5510MHz



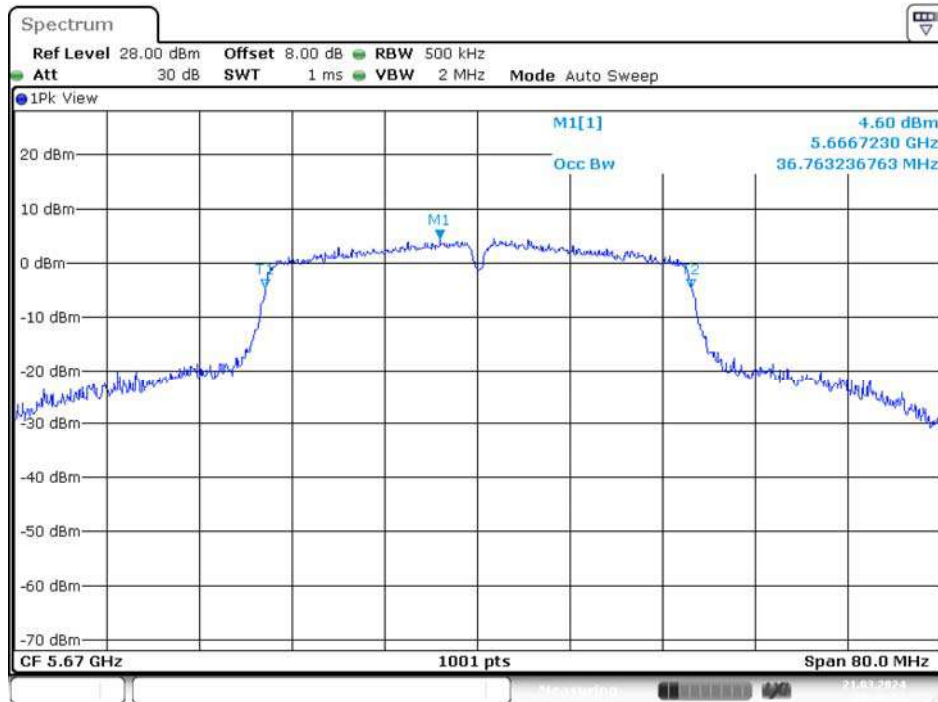
Date: 21.MAR.2024 10:14:48

5550MHz



Date: 22.MAR.2024 10:59:58

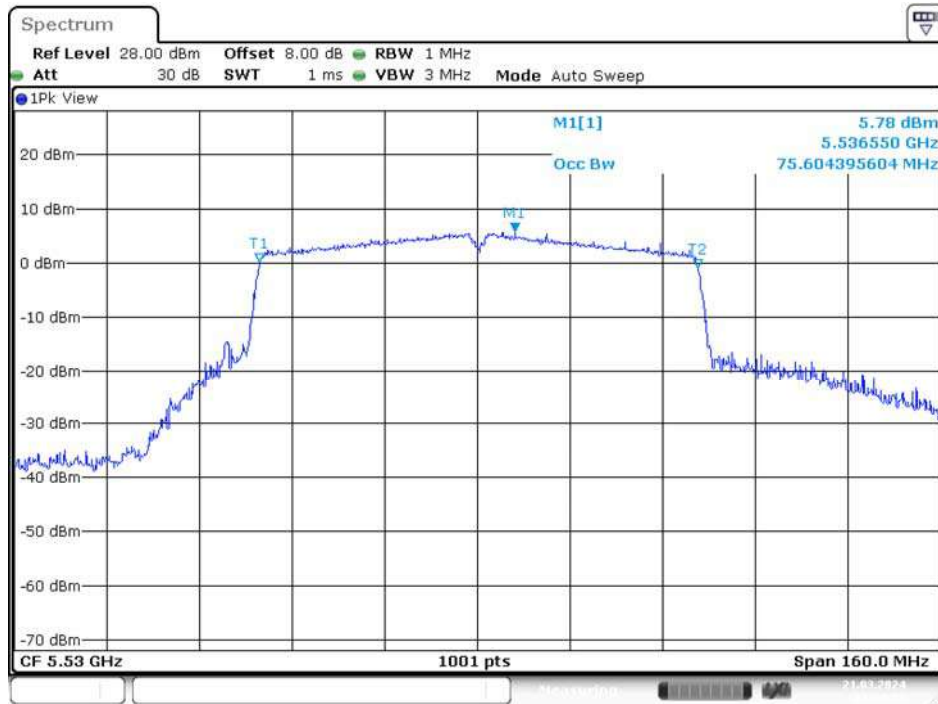
5670MHz



Date: 21.MAR.2024 10:46:12

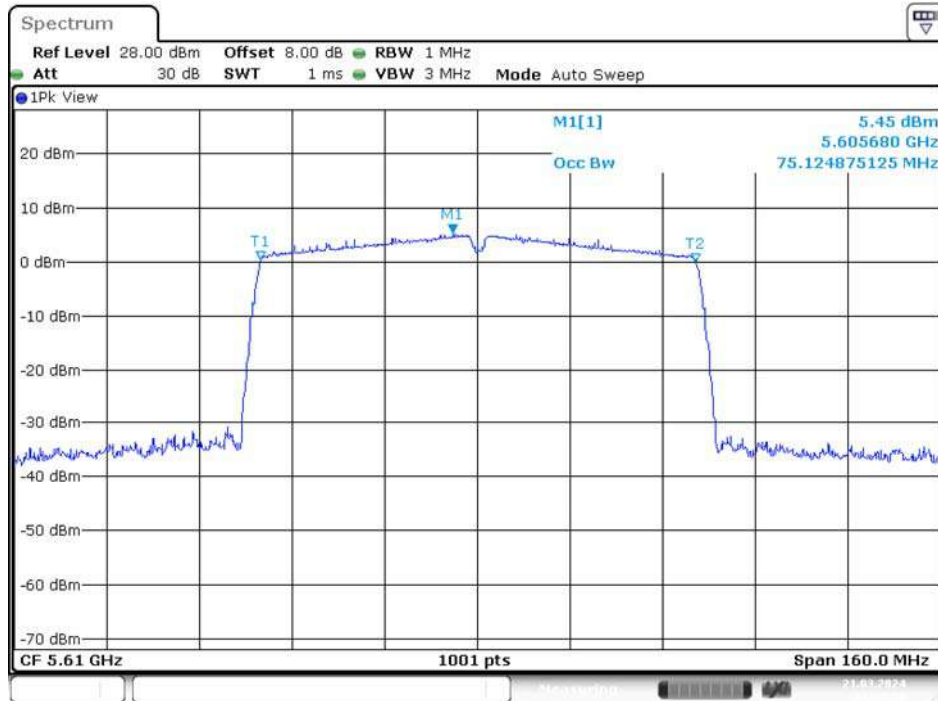
IEEE 802.11ac VHT80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 21.MAR.2024 12:10:35

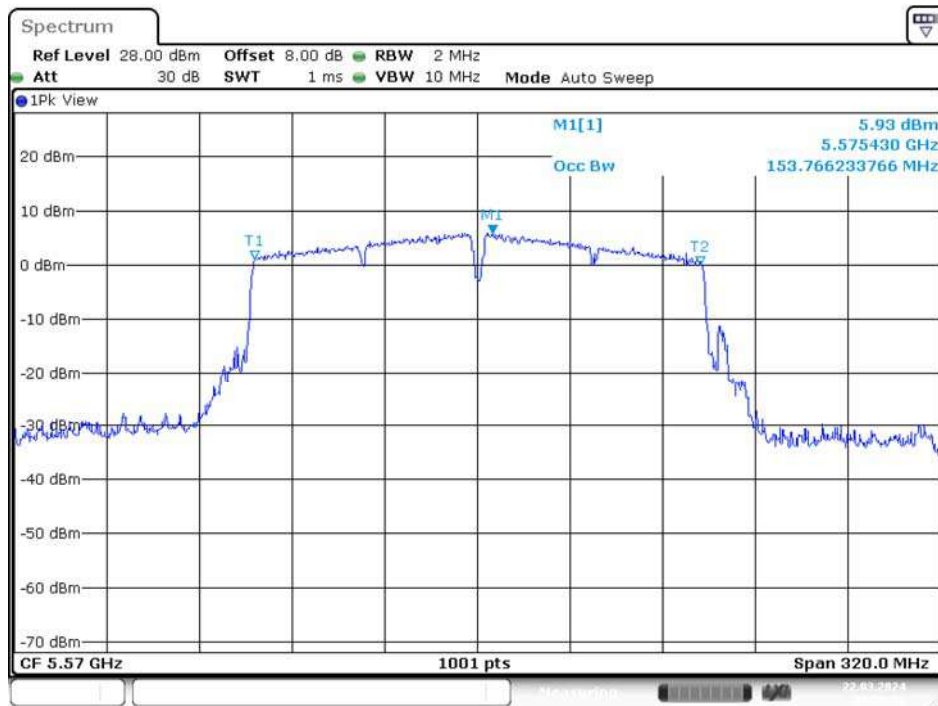
5610MHz



Date: 21.MAR.2024 12:17:30

IEEE 802.11ac VHT160 Mode / 5470 ~ 5725MHz

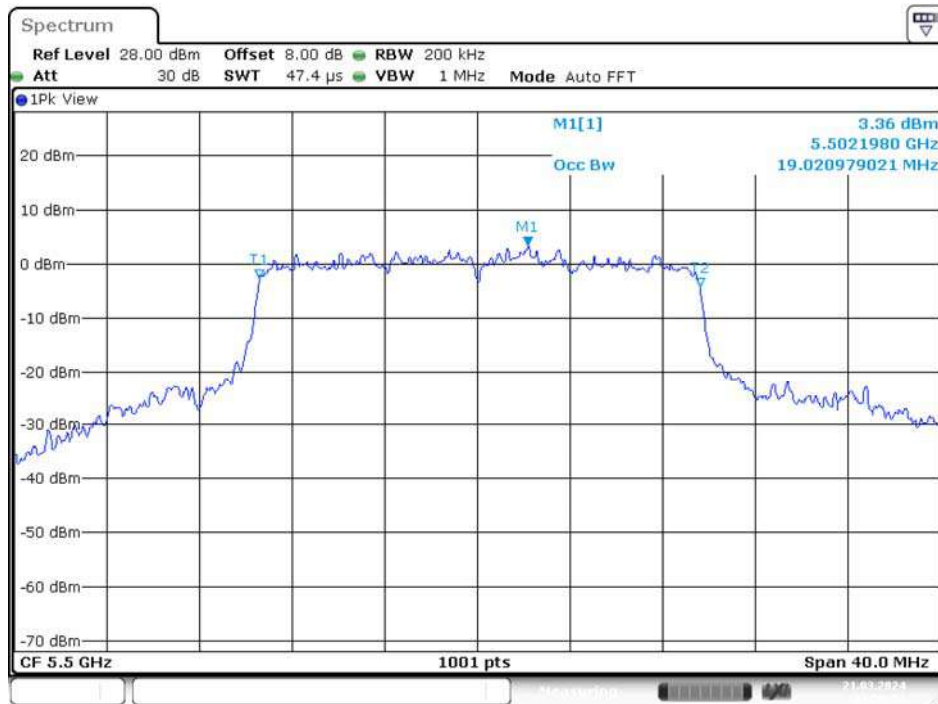
5570MHz



Date: 22.MAR.2024 14:56:22

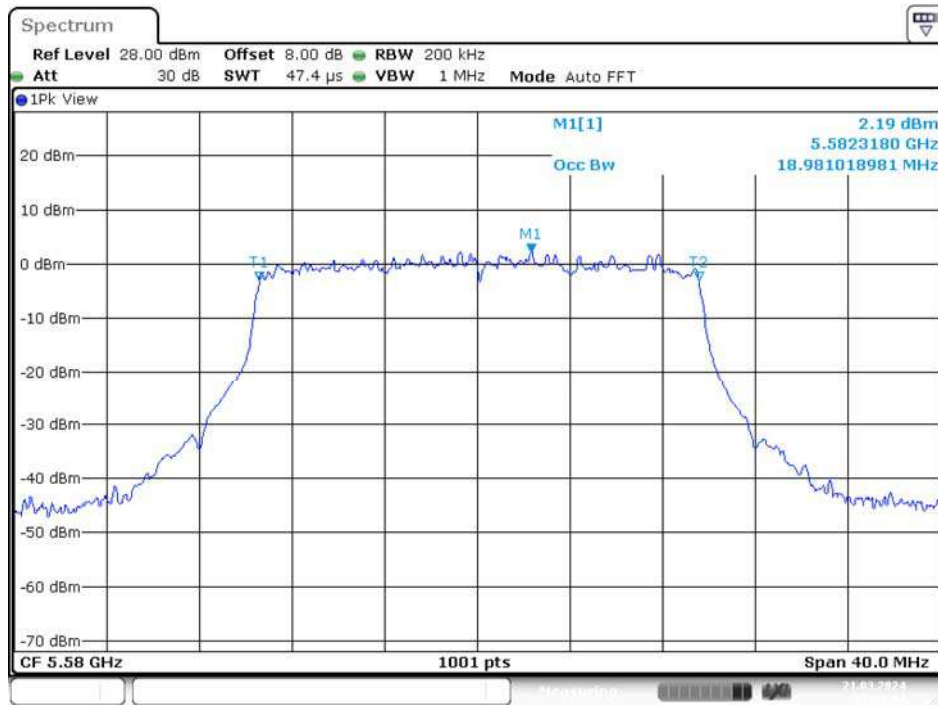
IEEE 802.11ax HE20 Mode / 5470 ~ 5725MHz

5500MHz



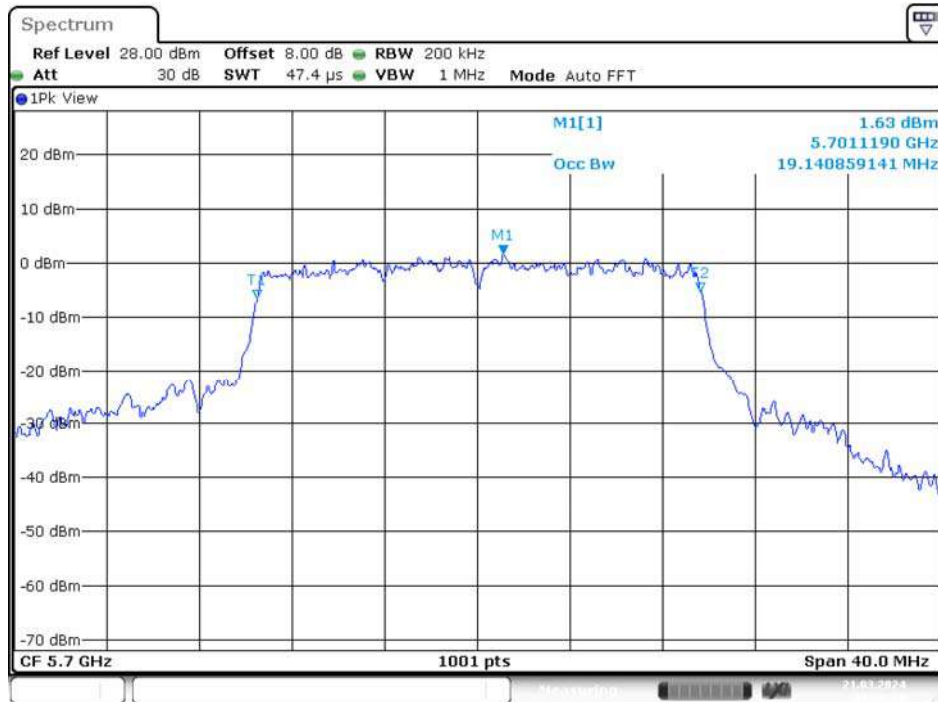
Date: 21.MAR.2024 12:56:51

5580MHz



Date: 21. MAR 2024 13:02:44

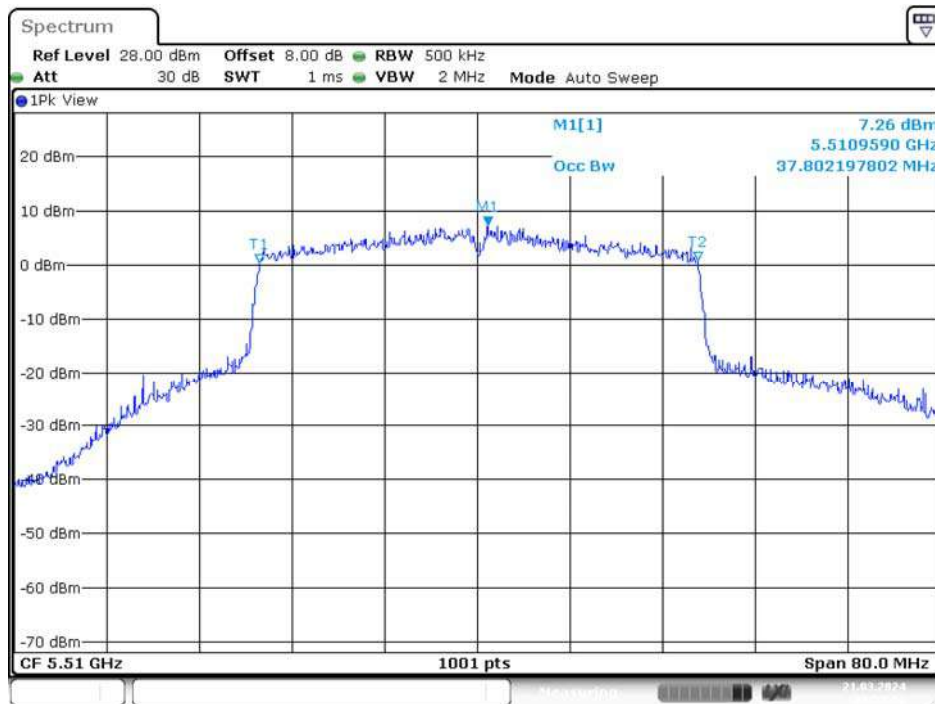
5700MHz



Date: 21. MAR 2024 14:26:39

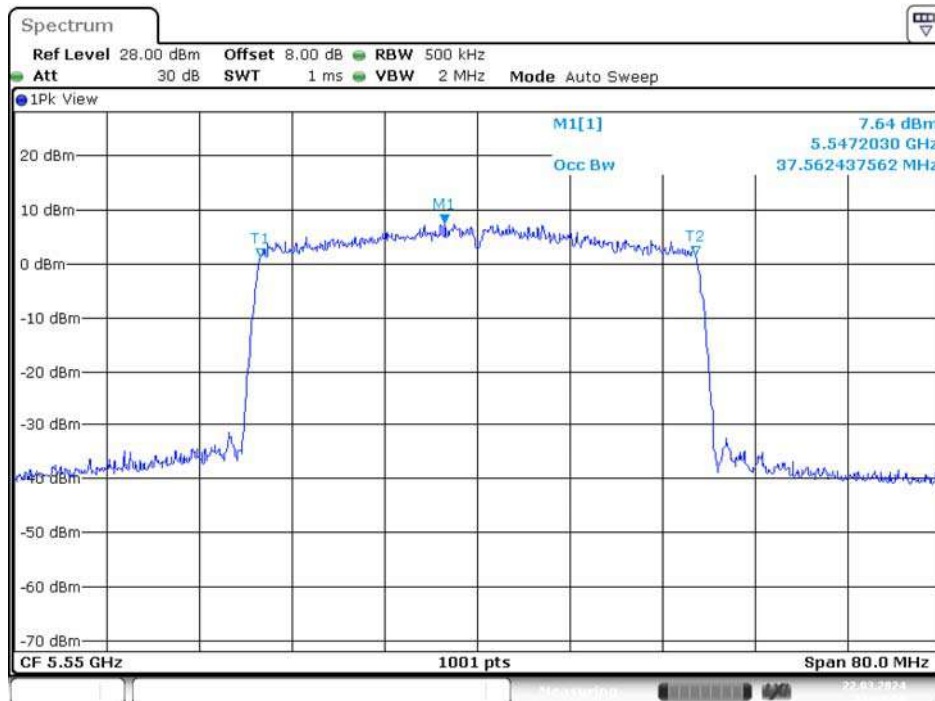
IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz

5510MHz



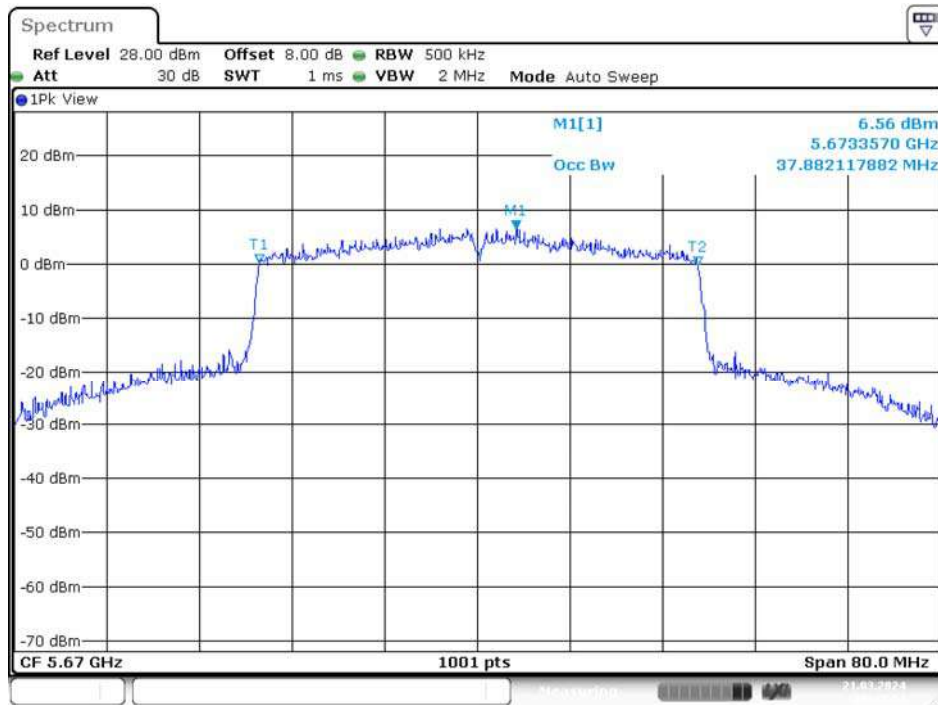
Date: 21.MAR.2024 14:51:02

5550MHz



Date: 22.MAR.2024 11:09:09

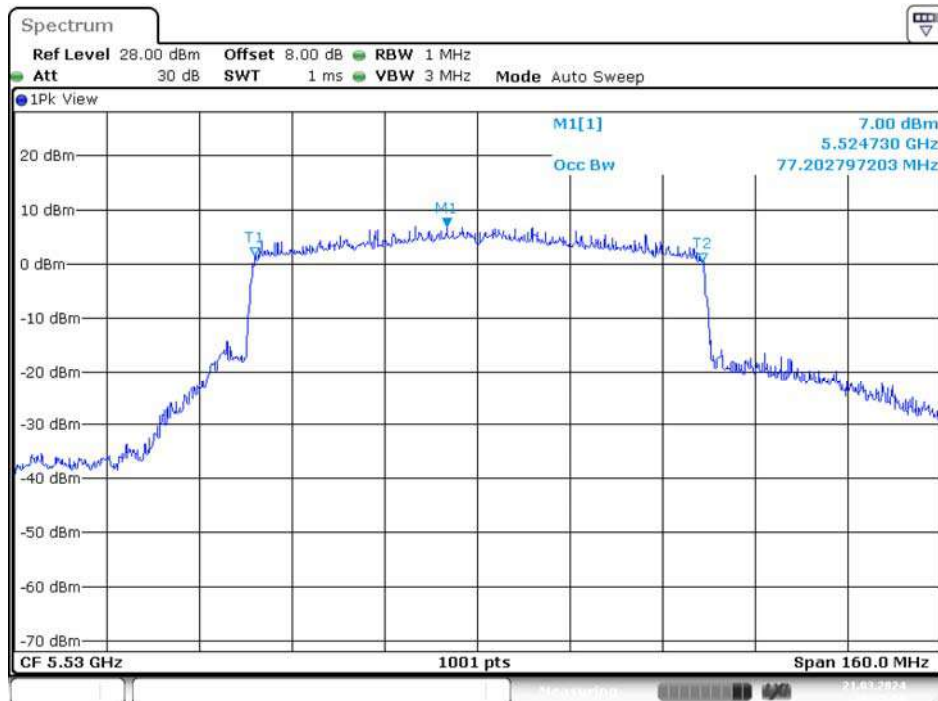
5670MHz



Date: 21.MAR.2024 19:45:54

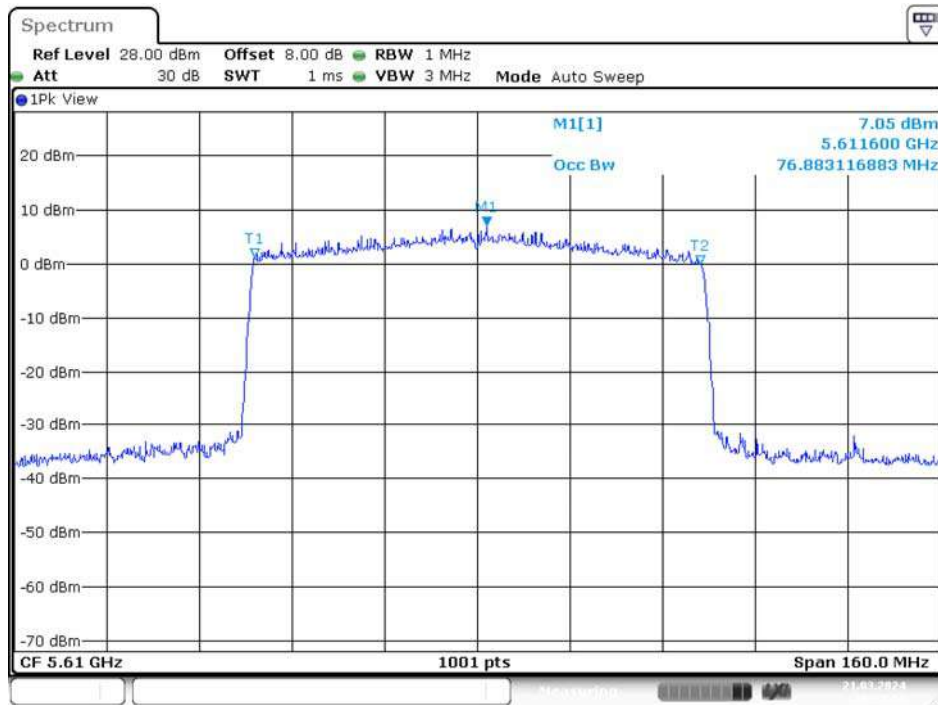
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 21.MAR.2024 20:15:09

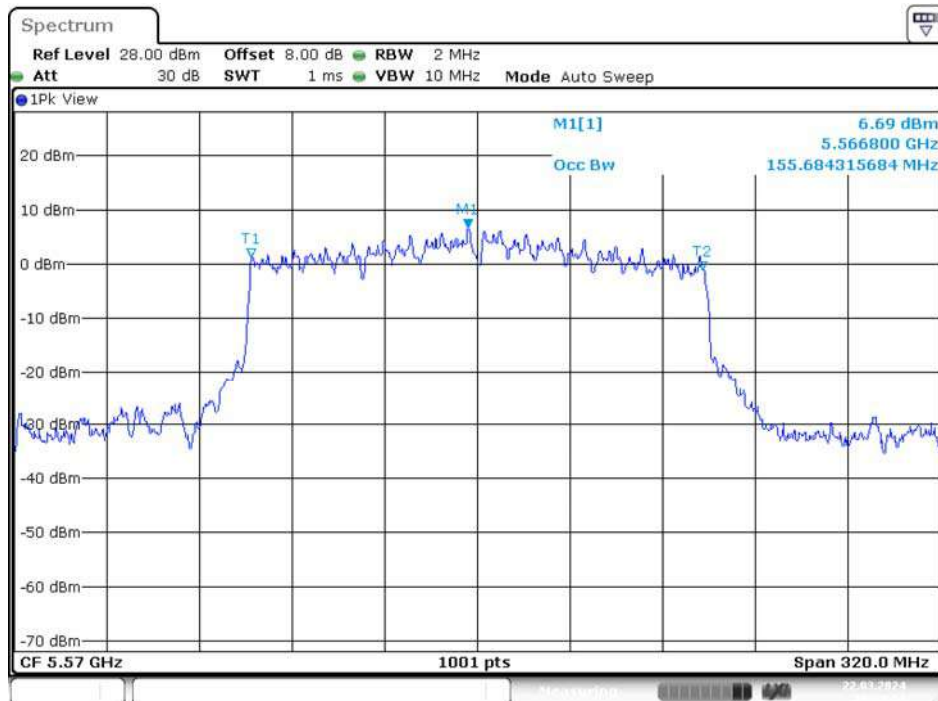
5610MHz



Date: 21.MAR.2024 20:21:13

IEEE 802.11ax HE160 Mode / 5470 ~ 5725MHz

5570MHz

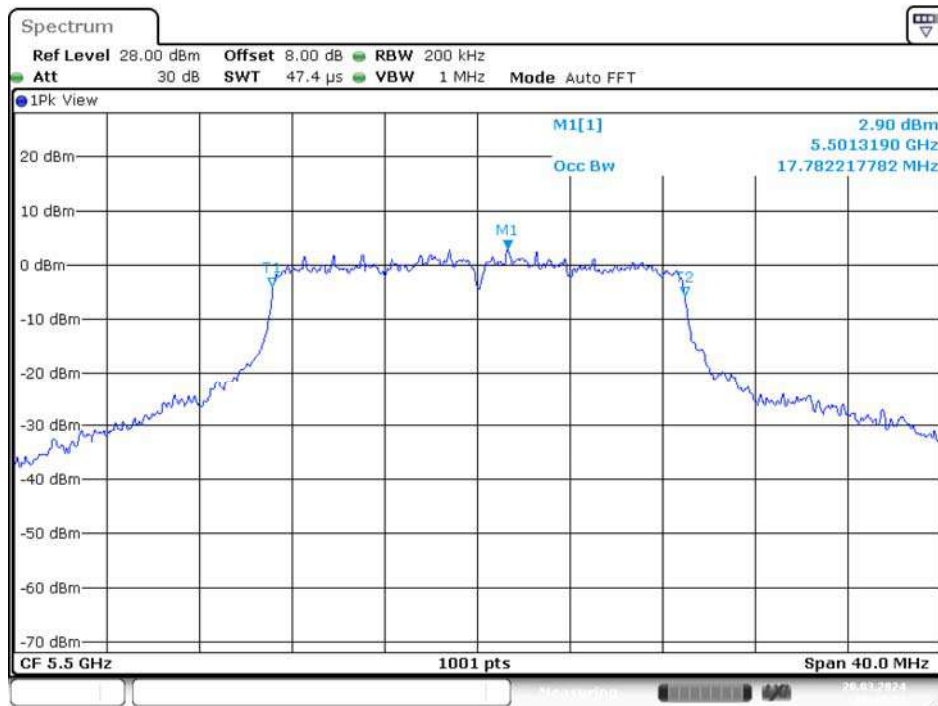


Date: 22.MAR.2024 16:19:17

Chain 1

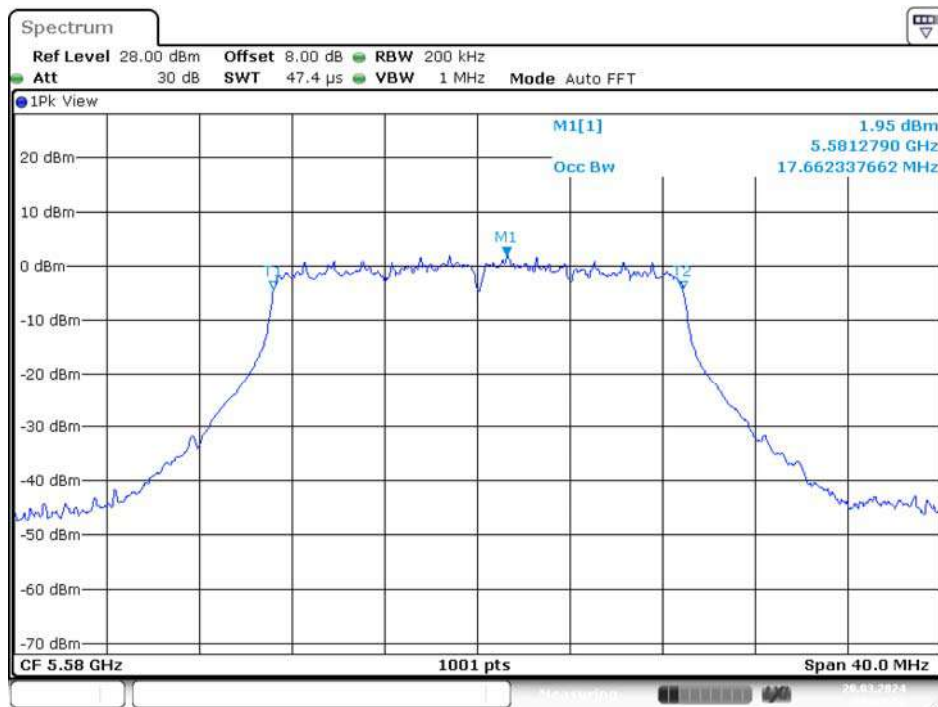
IEEE 802.11ac VHT20 Mode / 5470 ~ 5725MHz

5500MHz



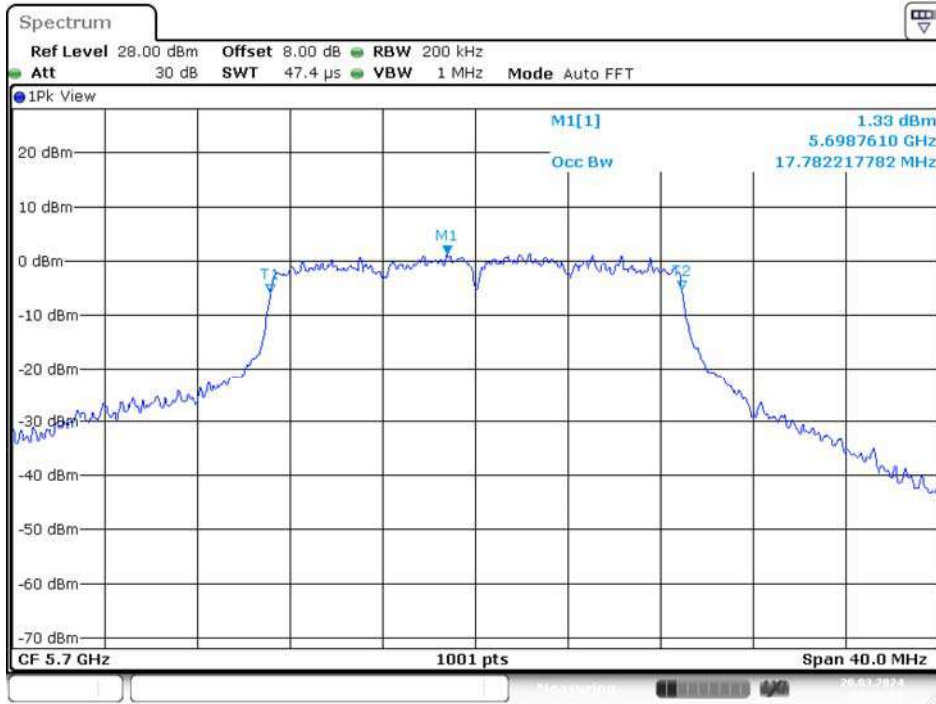
Date: 20.MAR.2024 19:47:52

5580MHz



Date: 20.MAR.2024 20:08:12

5700MHz



Date: 20.MAR.2024 20:12:06

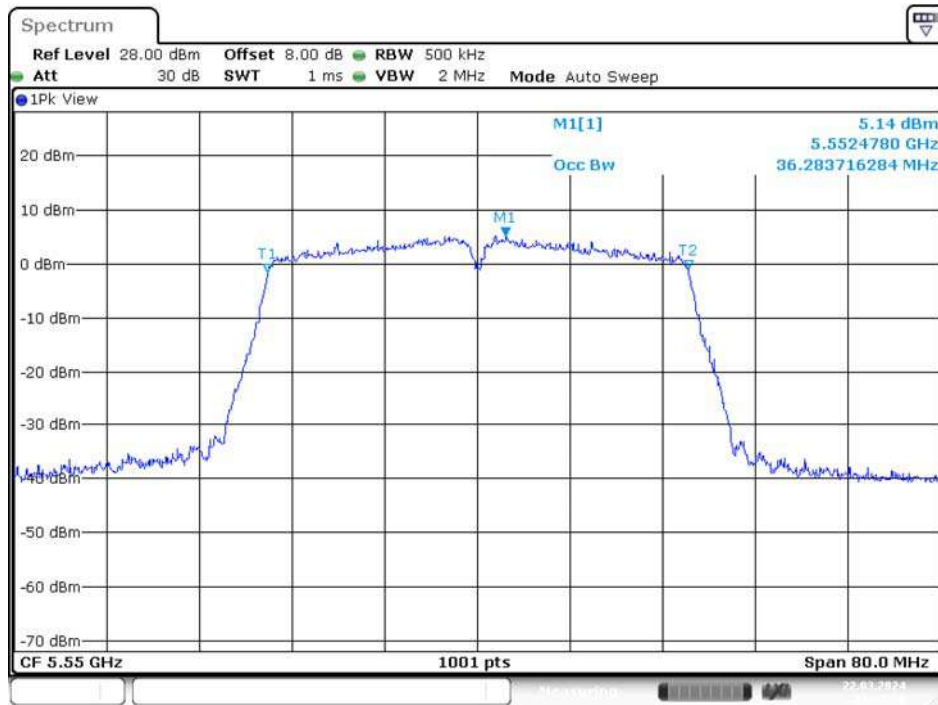
IEEE 802.11ac VHT40 Mode / 5470 ~ 5725MHz

5510MHz



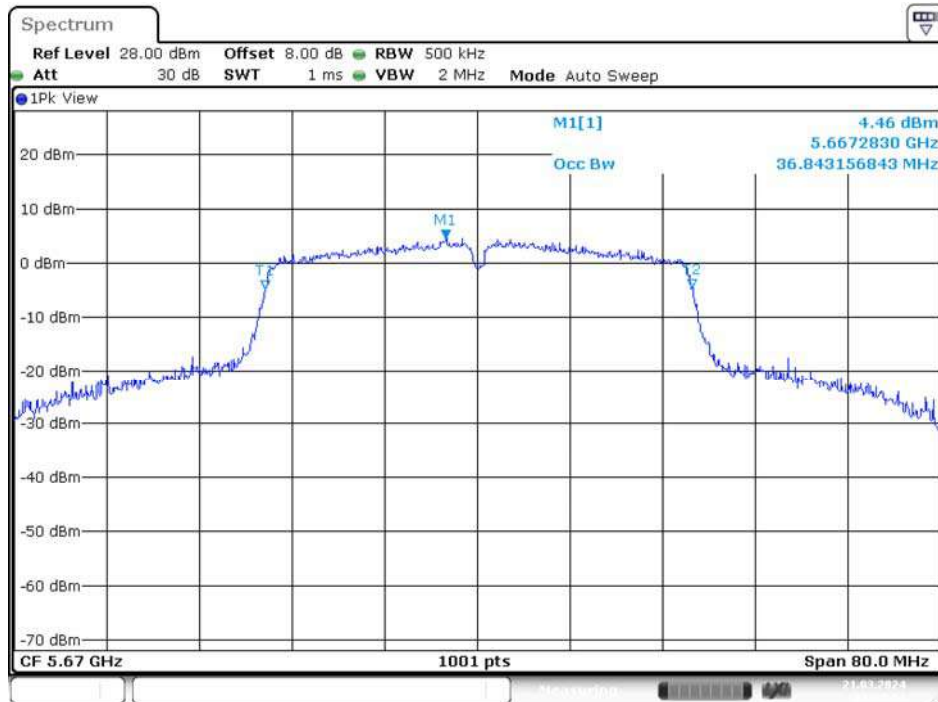
Date: 21.MAR.2024 10:35:50

5550MHz



Date: 22.MAR.2024 11:01:31

5670MHz



Date: 21.MAR.2024 11:27:12

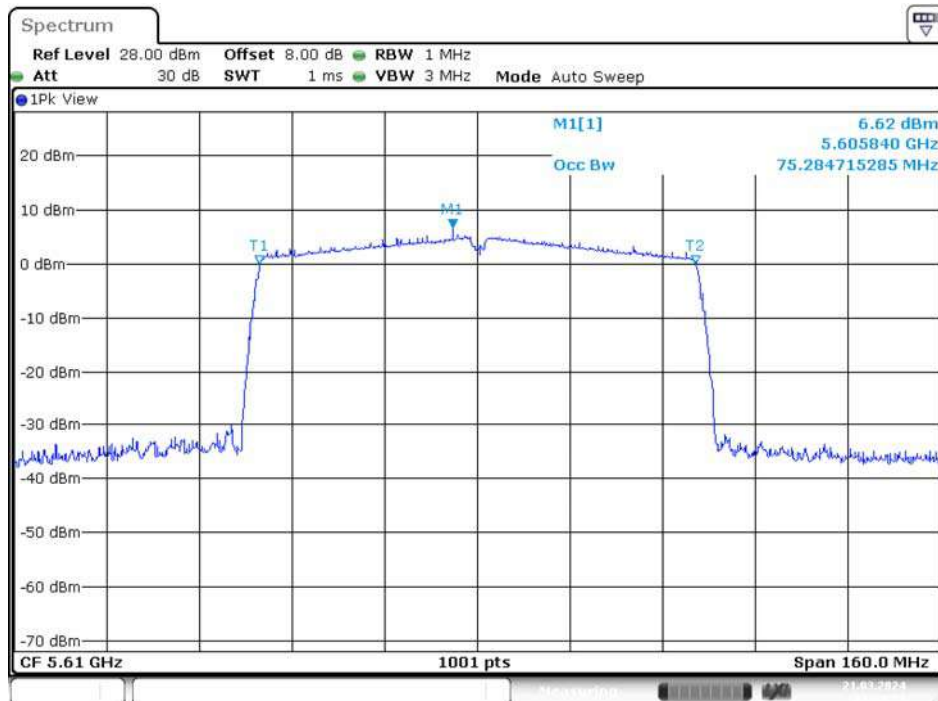
IEEE 802.11ac VHT80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 21.MAR.2024 12:11:43

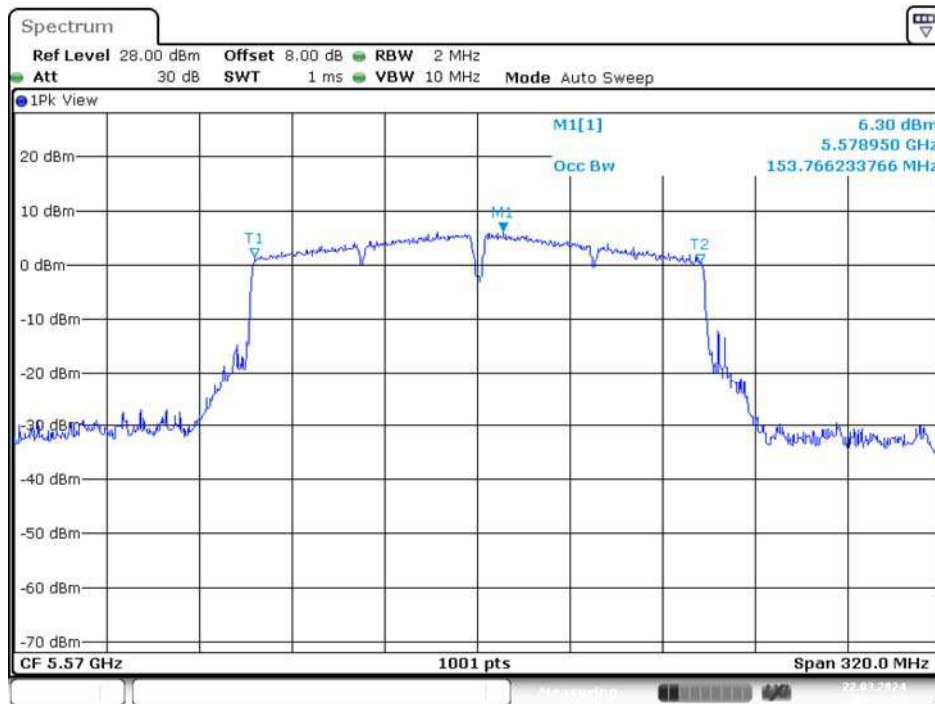
5610MHz



Date: 21.MAR.2024 12:18:27

IEEE 802.11ac VHT160 Mode / 5470 ~ 5725MHz

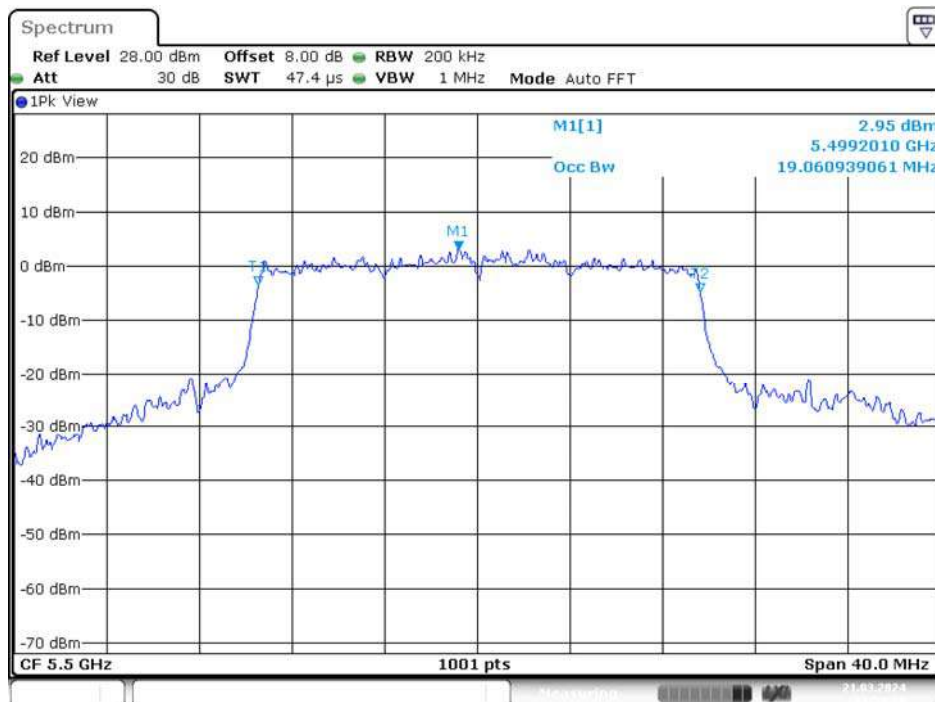
5570MHz



Date: 22.MAR.2024 14:56:53

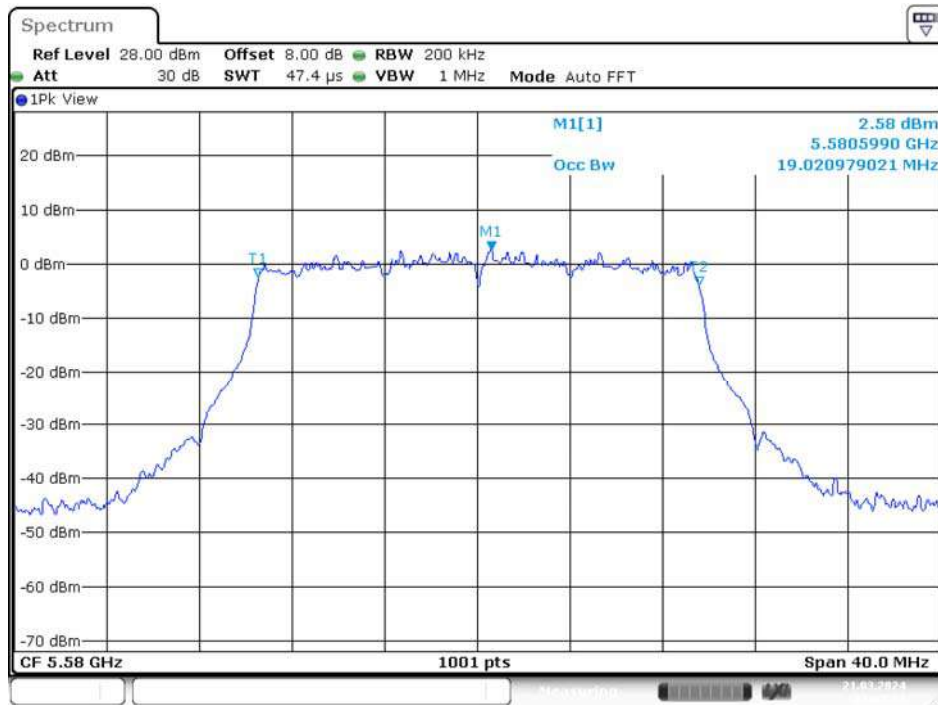
IEEE 802.11ax HE20 Mode / 5470 ~ 5725MHz

5500MHz



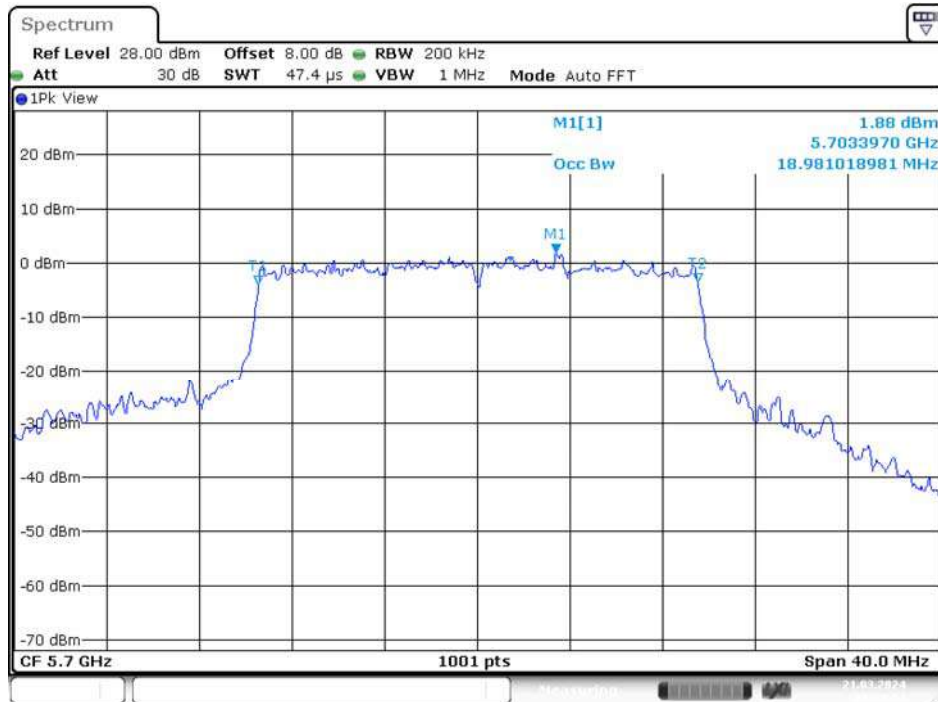
Date: 21.MAR.2024 12:58:26

5580MHz



Date: 21.MAR.2024 13:03:38

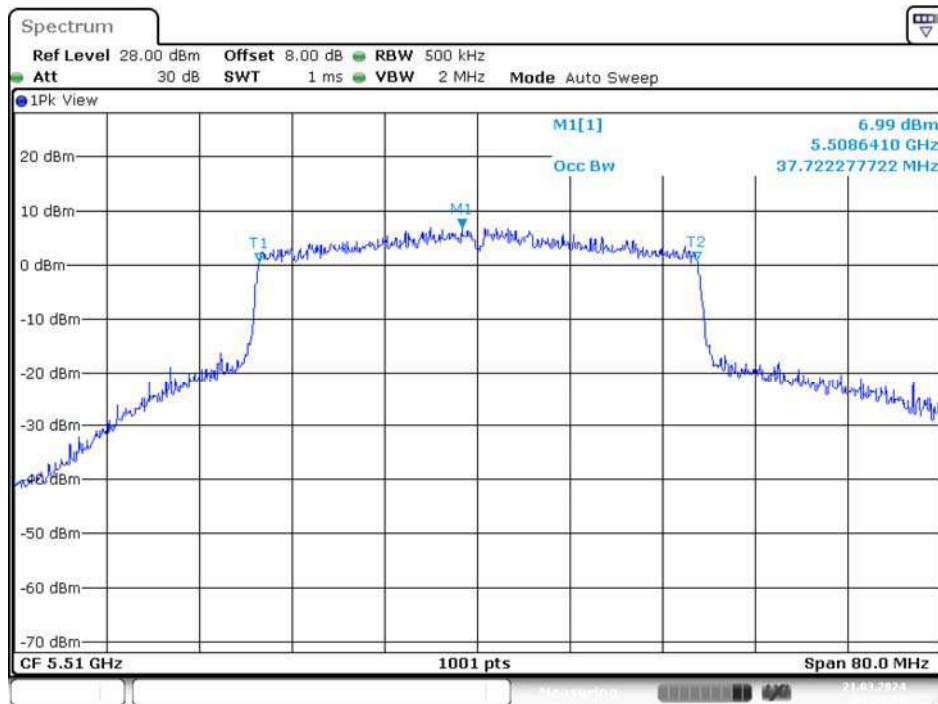
5700MHz



Date: 21.MAR.2024 14:28:34

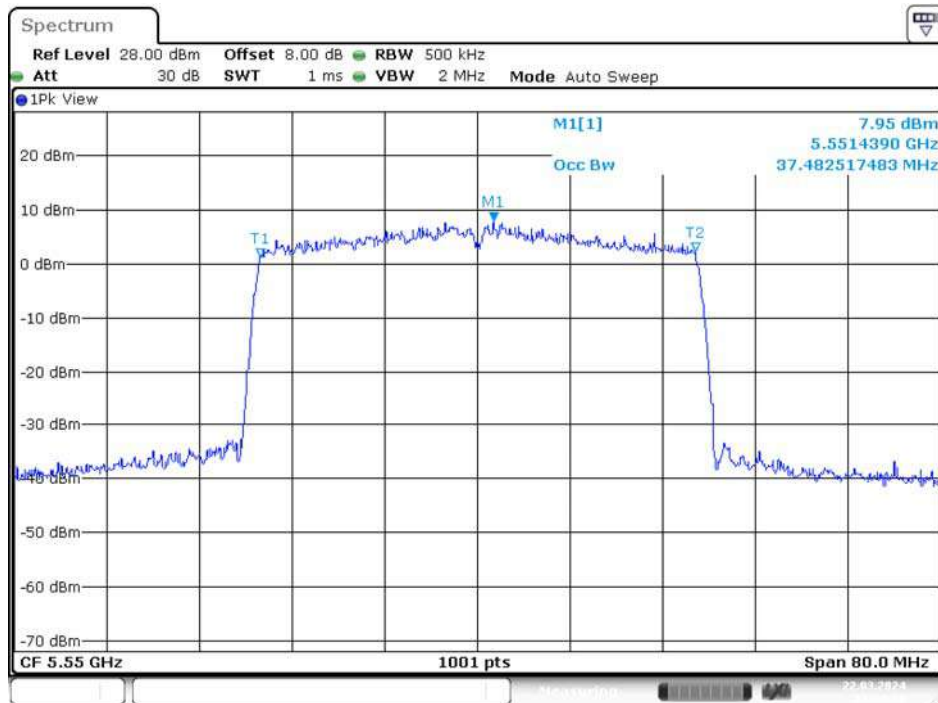
IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz

5510MHz



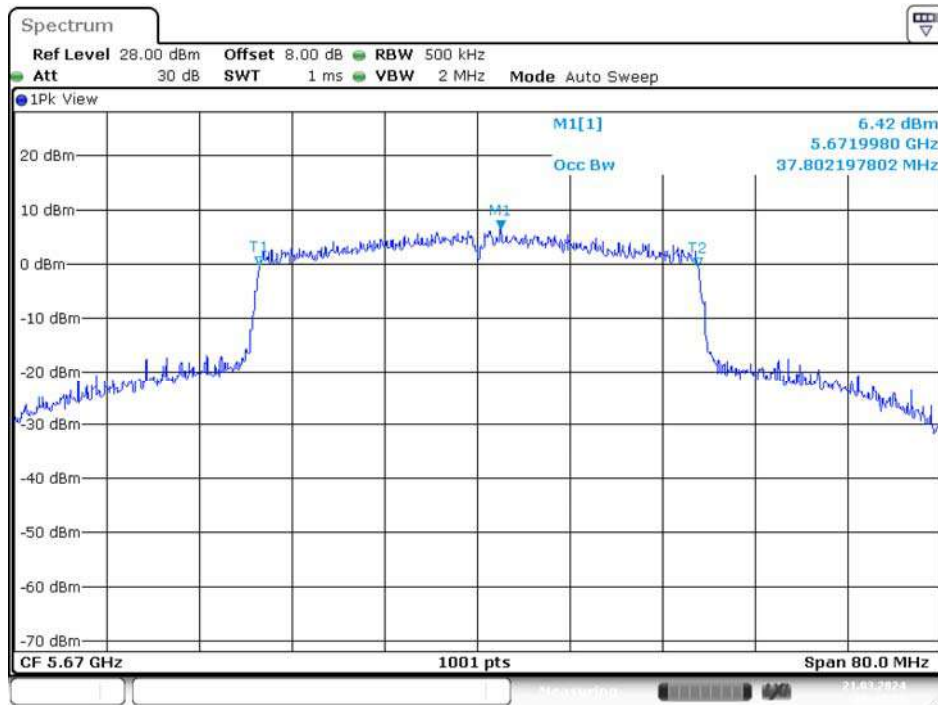
Date: 21.MAR.2024 14:52:10

5550MHz



Date: 22.MAR.2024 11:10:21

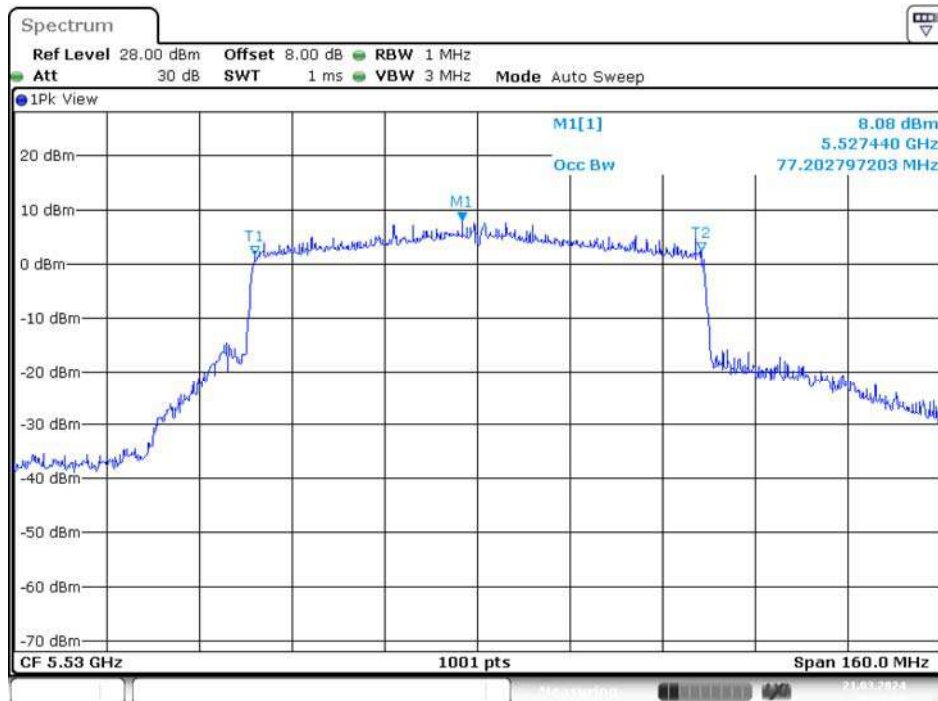
5670MHz



Date: 21.MAR.2024 19:47:23

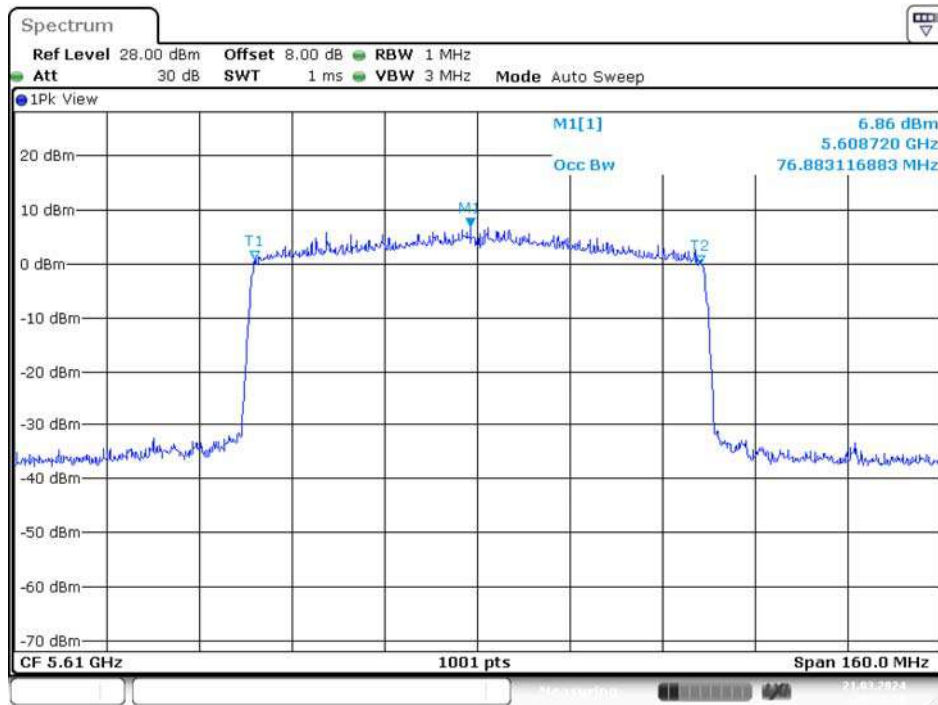
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 21.MAR.2024 20:17:20

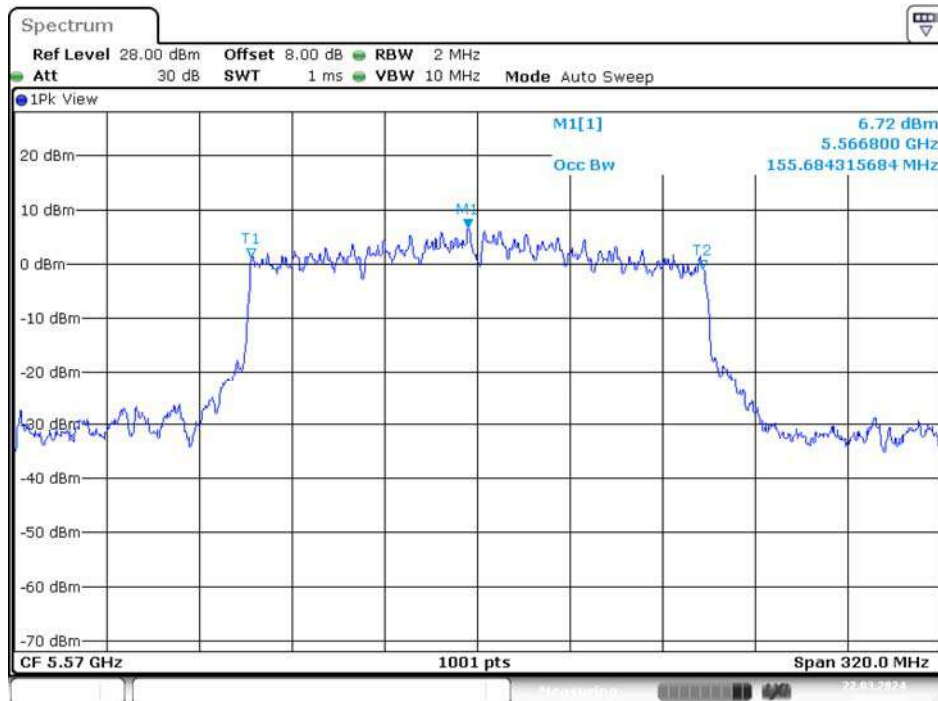
5610MHz



Date: 21.MAR.2024 20:22:51

IEEE 802.11ax HE160 Mode / 5470 ~ 5725MHz

5570MHz

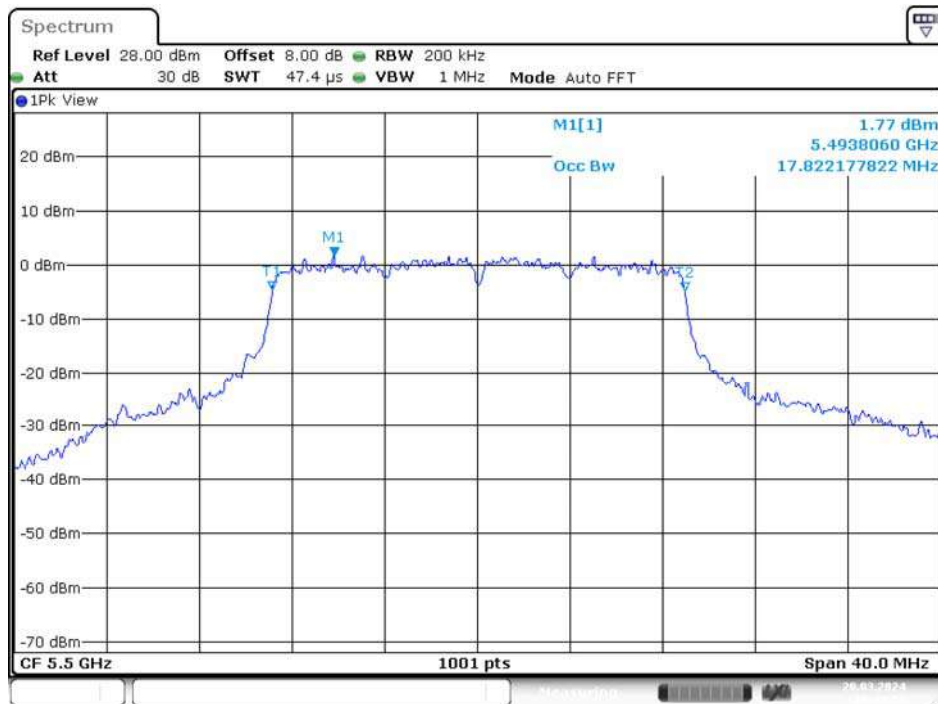


Date: 22.MAR.2024 16:19:35

Chain 2

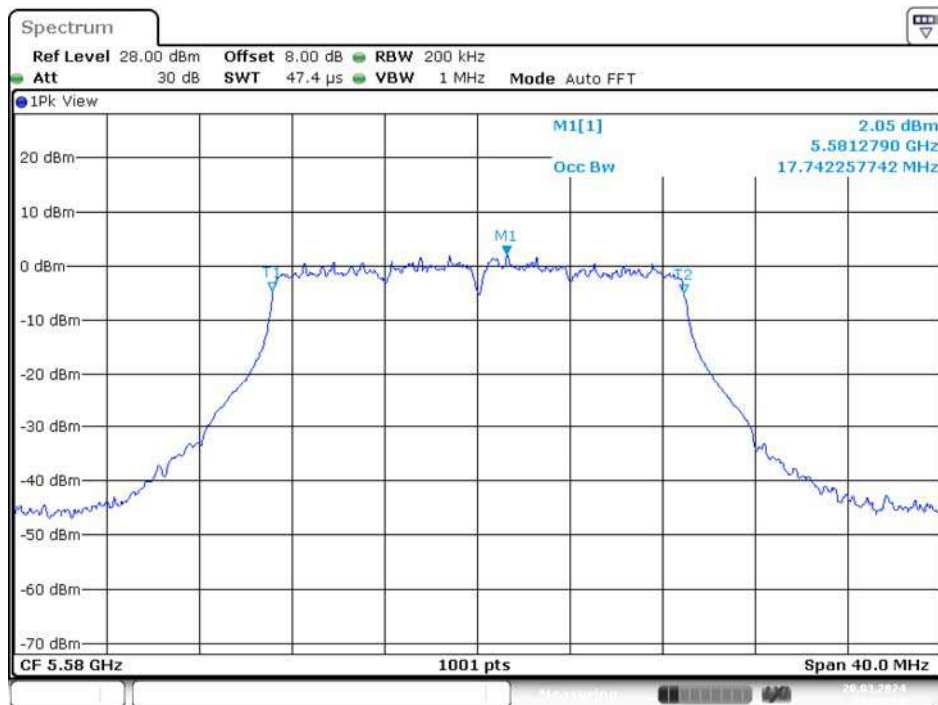
IEEE 802.11ac VHT20 Mode / 5470 ~ 5725MHz

5500MHz



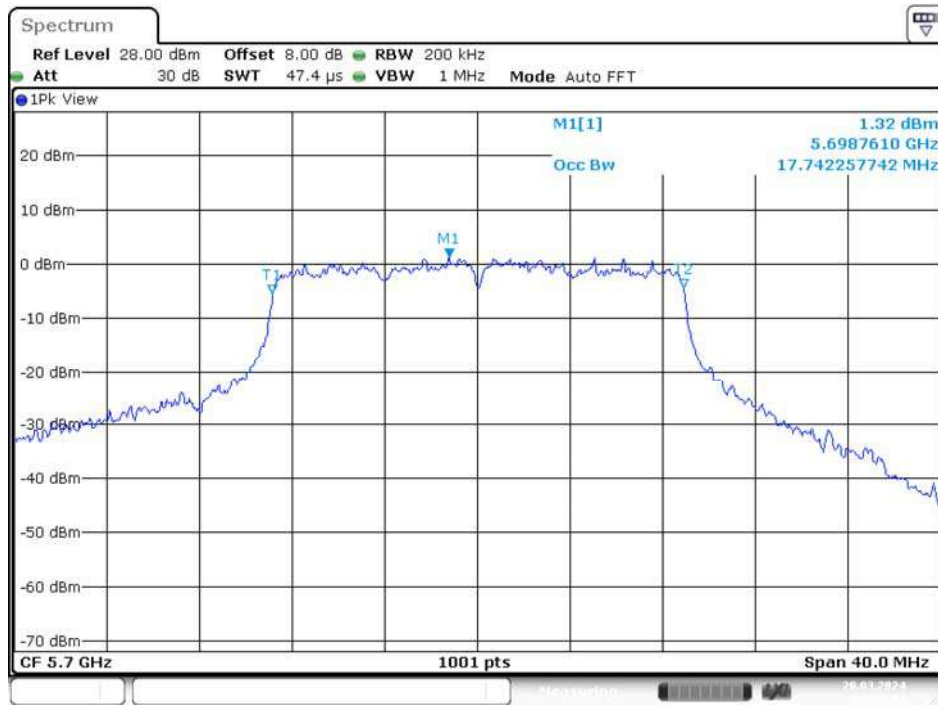
Date: 20.MAR.2024 19:48:53

5580MHz



Date: 20.MAR.2024 20:09:26

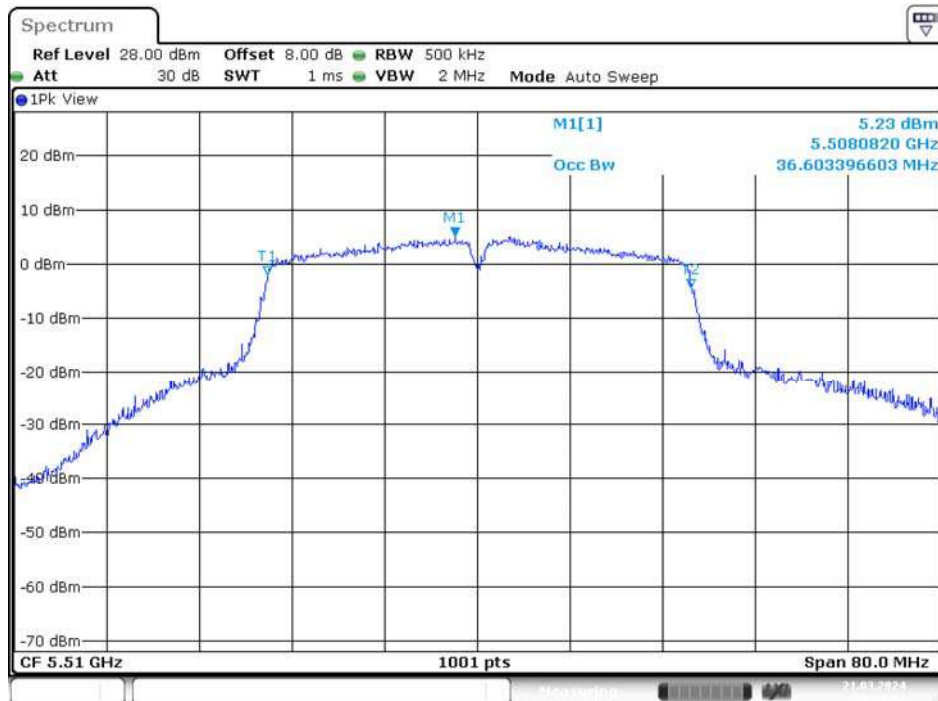
5700MHz



Date: 20.MAR.2024 20:13:05

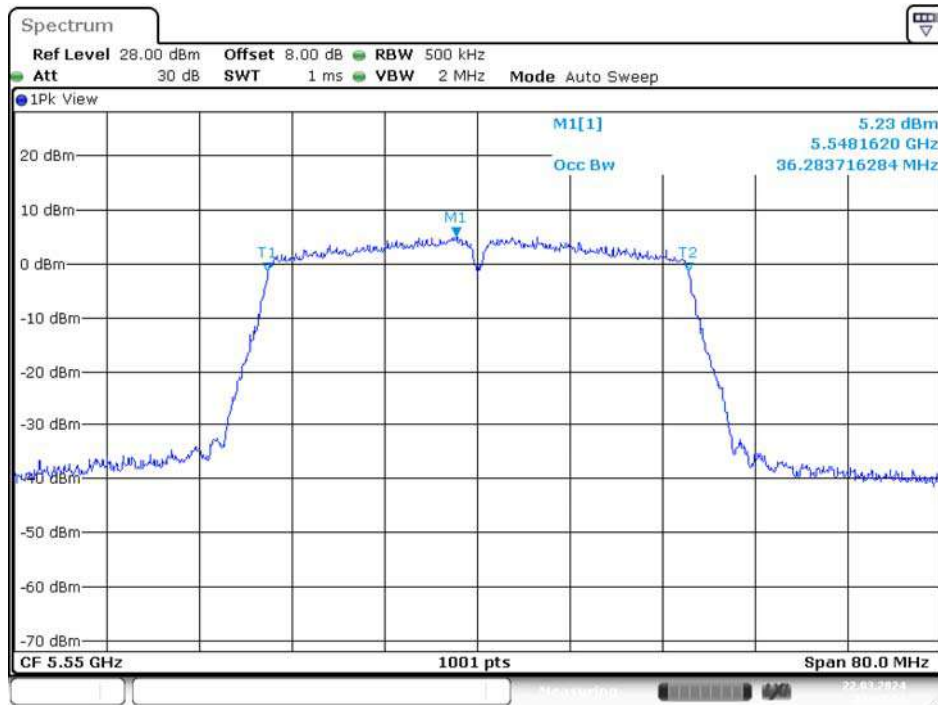
IEEE 802.11ac VHT40 Mode / 5470 ~ 5725MHz

5510MHz



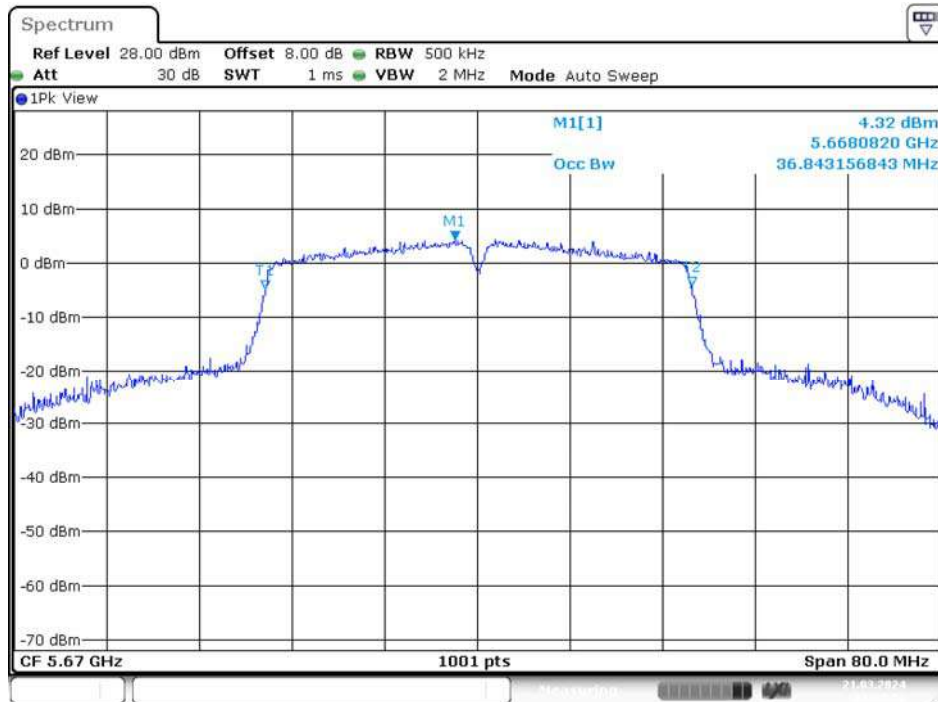
Date: 21.MAR.2024 10:37:11

5550MHz



Date: 22.MAR.2024 11:03:12

5670MHz



Date: 21.MAR.2024 11:27:53

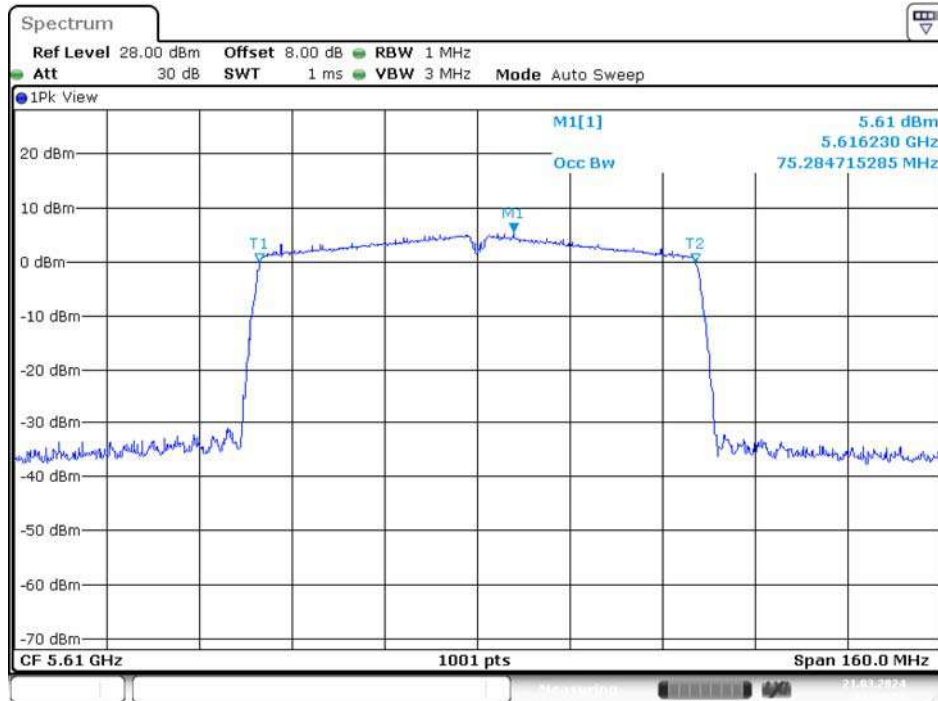
IEEE 802.11ac VHT80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 21.MAR.2024 12:14:09

5610MHz



Date: 21.MAR.2024 12:20:56

IEEE 802.11ac VHT160 Mode / 5470 ~ 5725MHz

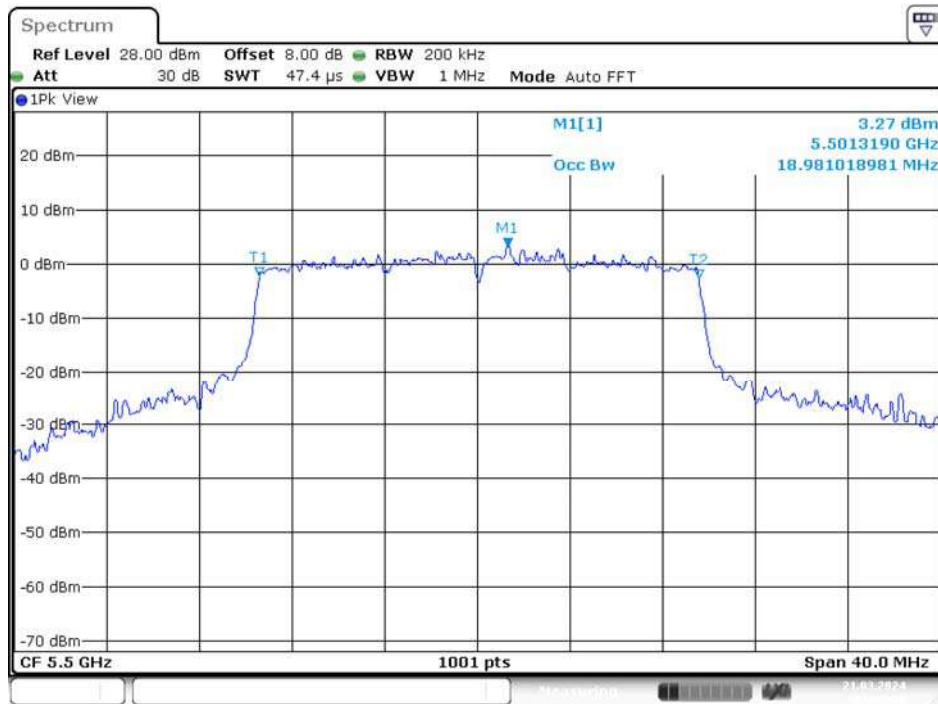
5570MHz



Date: 22.MAR.2024 14:57:36

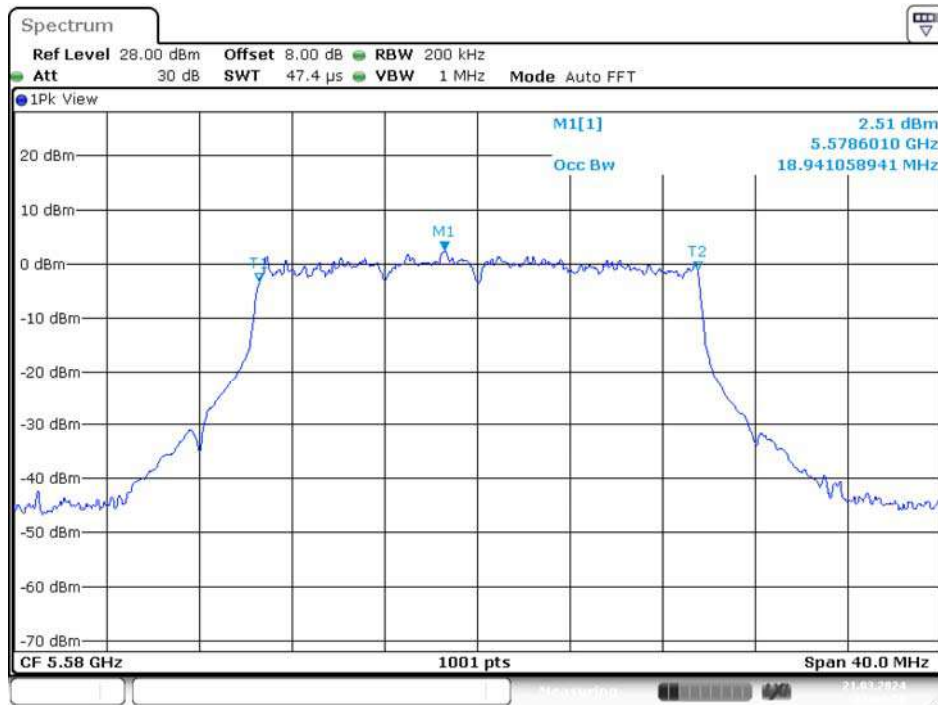
IEEE 802.11ax HE20 Mode / 5470 ~ 5725MHz

5500MHz



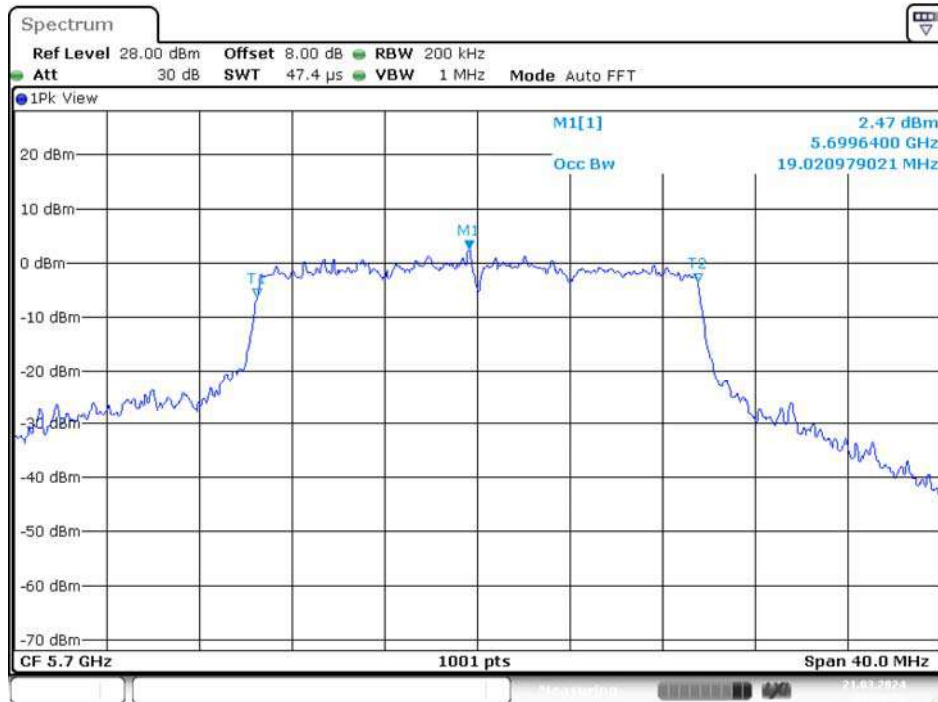
Date: 21.MAR.2024 13:00:40

5580MHz



Date: 21.MAR.2024 13:04:50

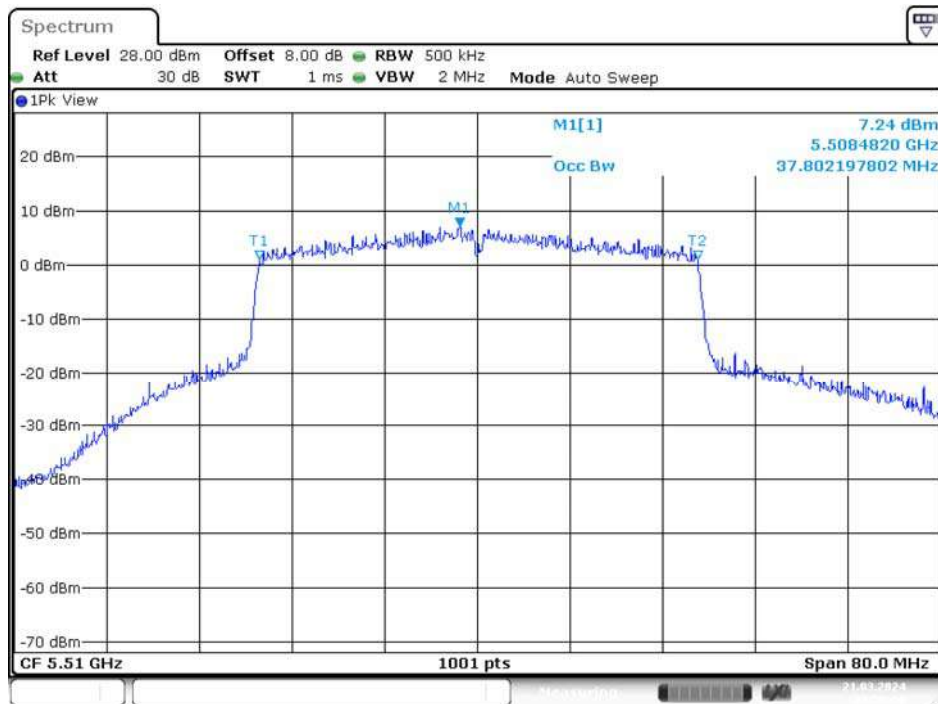
5700MHz



Date: 21.MAR.2024 14:29:23

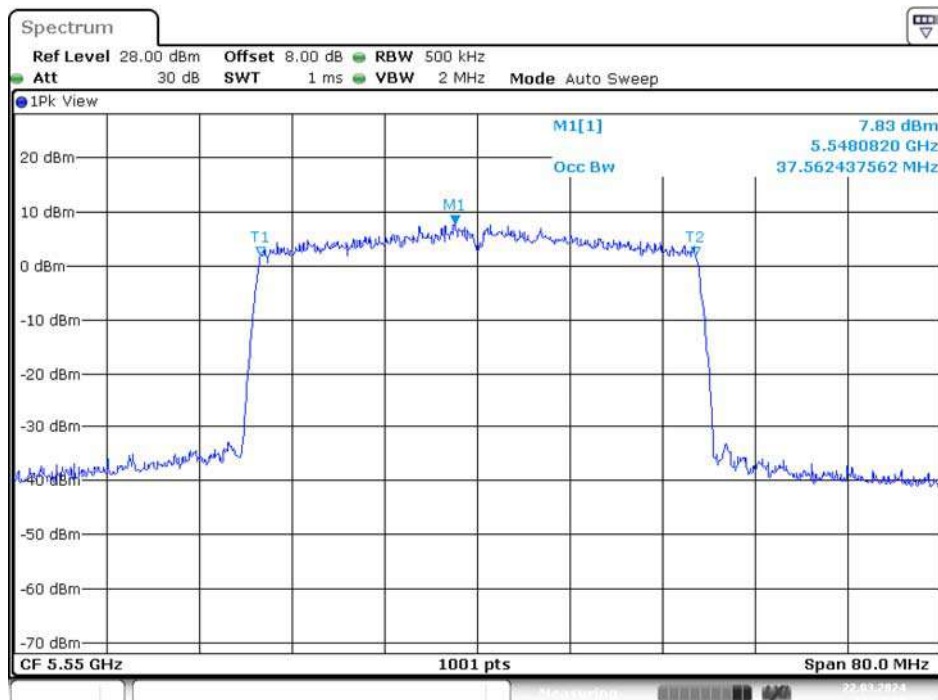
IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz

5510MHz



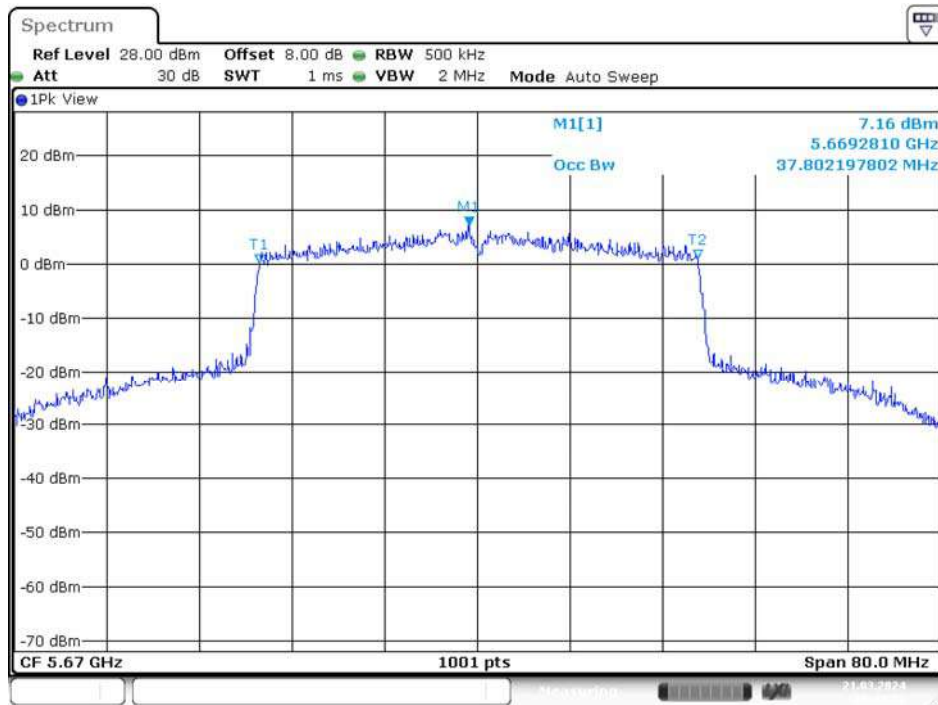
Date: 21.MAR.2024 14:56:41

5550MHz



Date: 22.MAR.2024 11:11:29

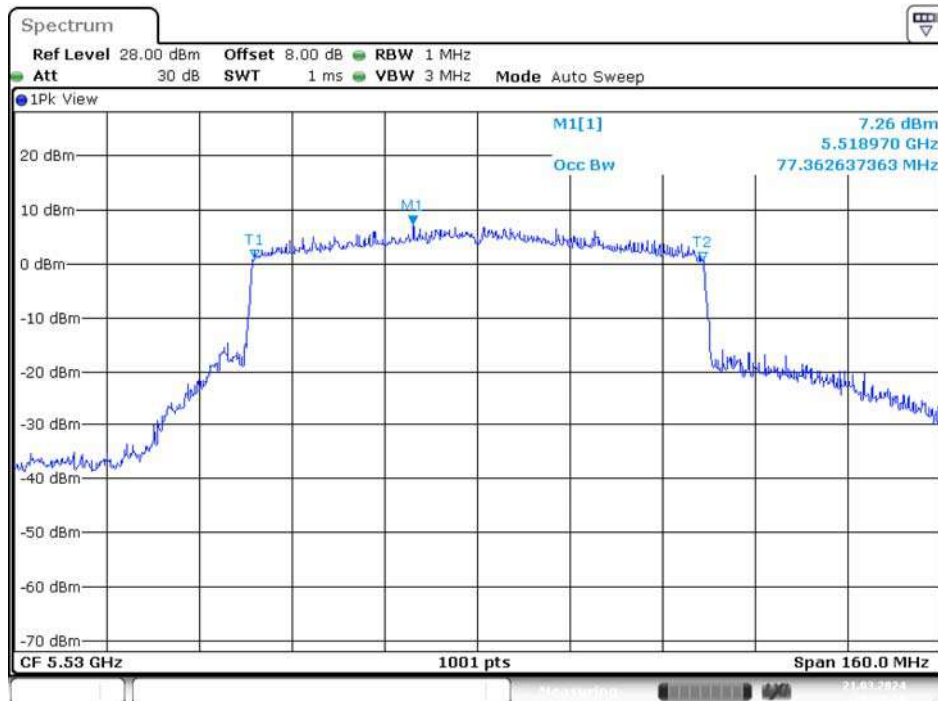
5670MHz



Date: 21. MAR. 2024 19:48:22

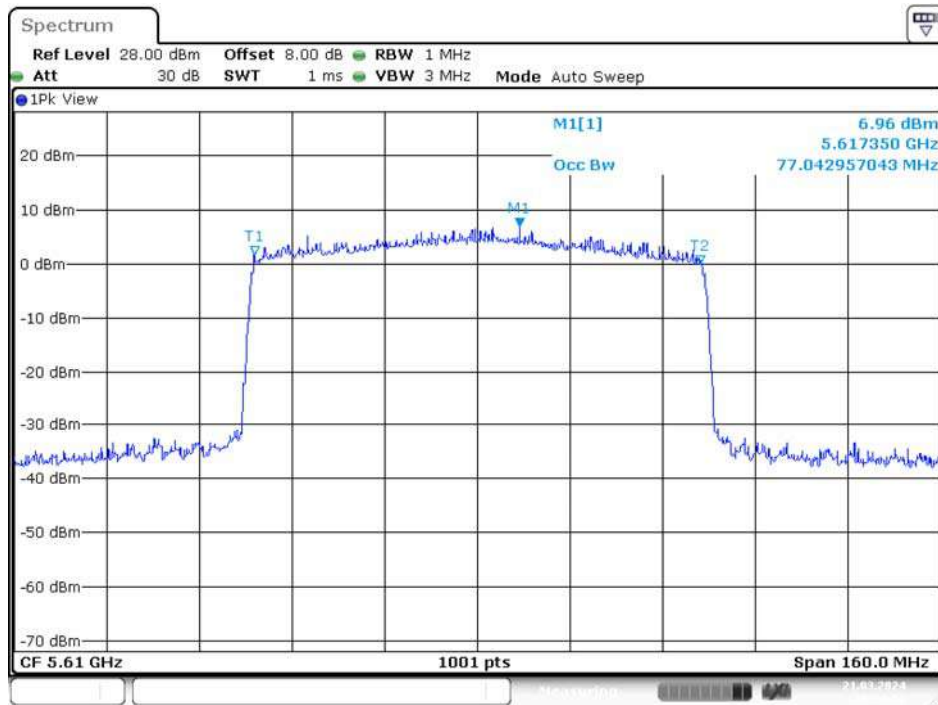
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 21. MAR. 2024 20:19:20

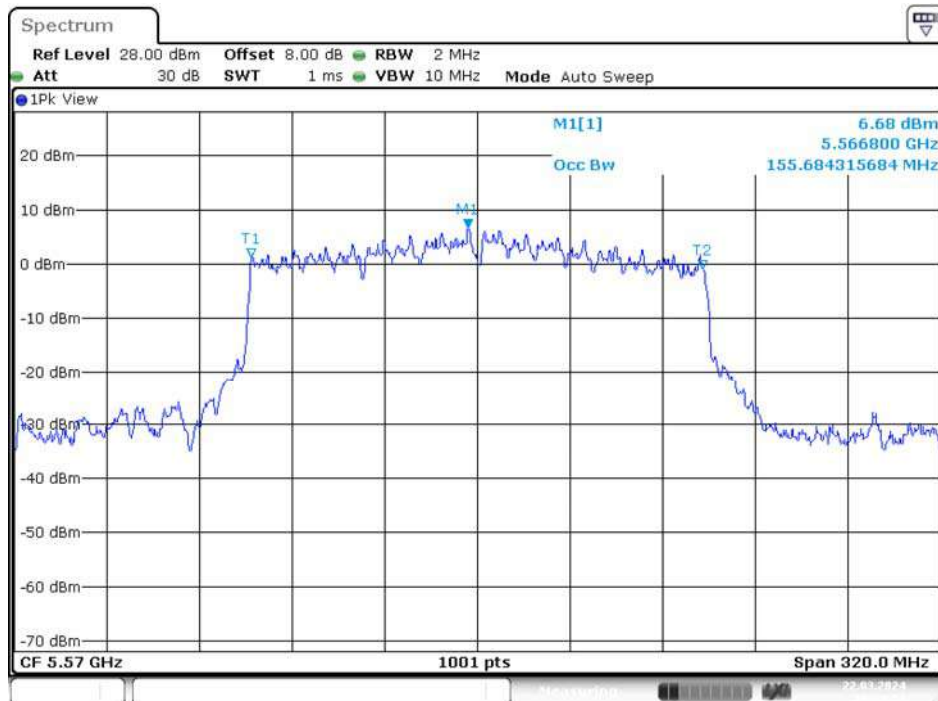
5610MHz



Date: 21.MAR.2024 20:24:03

IEEE 802.11ax HE160 Mode / 5470 ~ 5725MHz

5570MHz



Date: 22.MAR.2024 16:19:58

10 FCC §15.407(a) – Maximum Output Power

10.1 Applicable Standard

According to FCC §15.407(a):

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

10.2 Test Procedure

According to ANSI C63.10-2013 Section 12.3.3.1

The use Power Meter

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to a Power sensor.

10.3 Test Results

Test Mode: Transmitting

5250-5350MHz**Non Beamforming Mode :**

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)				Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total			
802.11a	52	5260	14.09	14.07	13.92	18.80	0.27	19.07	24
	60	5300	14.05	14.09	14.07	18.84	0.27	19.11	24
	64	5320	13.58	13.56	13.55	18.33	0.27	18.60	24
802.11ac VHT20	52	5260	15.03	14.46	14.35	19.39	0.32	19.71	24
	60	5300	14.95	14.42	14.31	19.34	0.32	19.66	24
	64	5320	14.98	14.52	14.41	19.41	0.32	19.73	24
802.11ac VHT40	54	5270	16.74	16.67	16.73	21.48	0.36	21.84	24
	62	5310	15.33	15.27	15.31	20.07	0.36	20.43	24
802.11ac VHT80	58	5290	10.04	9.84	10.11	14.77	0.71	15.48	24
802.11ax HE20	52	5260	14.49	14.14	14.04	19.00	0.76	19.76	24
	60	5300	14.37	14.15	14.08	18.97	0.76	19.73	24
	64	5320	14.38	14.29	14.35	19.11	0.76	19.87	24
802.11ax HE40	54	5270	16.64	16.37	16.35	21.23	0.76	21.99	24
	62	5310	14.95	14.86	15.28	19.80	0.76	20.56	24
802.11ax HE80	58	5290	12.05	11.97	12.28	16.87	0.81	17.68	24
802.11ac VHT160	50	5250	9.58	9.67	9.44	14.34	1.19	15.53	24
802.11ax HE160	50	5250	12.52	12.46	12.49	17.26	0.76	18.02	24

Beamforming Mode:

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)				Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total			
802.11ac VHT20	52	5260	12.05	12.01	11.97	16.78	0.32	17.10	21.06
	60	5300	11.91	11.87	11.76	16.62	0.32	16.94	21.06
	64	5320	11.87	11.81	11.79	16.59	0.32	16.91	21.06
802.11ac VHT40	54	5270	11.92	11.86	11.81	16.63	0.36	16.99	21.06
	62	5310	12.11	12.07	11.96	16.82	0.36	17.18	21.06
802.11ac VHT80	58	5290	11.94	11.84	11.72	16.61	0.71	17.32	21.06
802.11ax HE20	52	5260	11.85	11.79	11.72	16.56	0.76	17.32	21.06
	60	5300	11.66	11.63	11.58	16.39	0.76	17.15	21.06
	64	5320	11.65	11.58	11.52	16.35	0.76	17.11	21.06
802.11ax HE40	54	5270	11.59	11.53	11.42	16.29	0.76	17.05	21.06
	62	5310	11.64	11.58	11.55	16.36	0.76	17.12	21.06
802.11ax HE80	58	5290	11.39	11.33	11.28	16.10	0.81	16.91	21.06
802.11ac VHT160	50	5250	7.17	6.88	6.92	11.76	1.19	12.95	21.06
802.11ax HE160	50	5250	7.35	7.07	7.21	11.98	0.76	12.74	21.06

5470-5725MHz

Non Beamforming Mode:

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)				Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total			
802.11a	100	5500	14.62	14.13	14.53	19.20	0.27	19.47	24
	116	5580	14.91	14.79	14.89	19.63	0.27	19.90	24
	140	5700	14.92	14.77	14.84	19.61	0.27	19.88	24
802.11ac VHT20	100	5500	14.56	14.12	14.45	19.15	0.32	19.47	24
	116	5580	14.96	14.68	14.88	19.61	0.32	19.93	24
	140	5700	14.92	14.61	14.81	19.55	0.32	19.87	24
802.11ac VHT40	102	5510	16.38	15.92	16.34	20.99	0.36	21.35	24
	110	5550	16.82	16.66	16.76	21.52	0.36	21.88	24
	134	5670	16.51	16.18	16.43	21.15	0.36	21.51	24
802.11ac VHT80	106	5530	12.06	11.61	12.05	16.68	0.71	17.39	24
	122	5610	16.13	16.24	16.44	21.04	0.71	21.75	24
802.11ax HE20	100	5500	14.03	13.62	14.08	18.69	0.76	19.45	24
	116	5580	13.77	13.55	13.74	18.46	0.76	19.22	24
	140	5700	13.61	13.49	13.68	18.37	0.76	19.13	24
802.11ax HE40	102	5510	15.98	15.78	16.18	20.75	0.76	21.51	24
	110	5550	16.36	16.23	16.44	21.12	0.76	21.88	24
	134	5670	16.23	16.17	16.28	21.00	0.76	21.76	24
802.11ax HE80	106	5530	13.58	13.29	13.66	18.28	0.81	19.09	24
	122	5610	16.13	16.22	16.50	21.06	0.81	21.87	24
802.11ac VHT160	114	5570	9.66	10.83	10.29	15.06	1.19	16.25	24
802.11ax HE160	114	5570	10.52	10.34	10.67	15.28	0.76	16.04	24

Beamforming Mode:

Test Modes	Channel	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)				Duty Factor (dB)	Total Maximum Conducted Average Output Power With Duty Factor (dBm)	Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total			
802.11ac VHT20	100	5500	11.77	11.73	11.62	16.48	0.32	16.80	21.09
	116	5580	12.16	12.04	11.88	16.80	0.32	17.12	21.09
	140	5700	11.81	11.76	11.69	16.52	0.32	16.84	21.09
802.11ac VHT40	102	5510	11.95	11.92	11.89	16.69	0.36	17.05	21.09
	110	5550	12.08	12.01	11.88	16.76	0.36	17.12	21.09
	134	5670	12.02	11.96	11.92	16.74	0.36	17.10	21.09
802.11ac VHT80	106	5530	11.76	11.61	11.55	16.41	0.71	17.12	21.09
	122	5610	11.47	11.44	11.39	16.20	0.71	16.91	21.09
802.11ax HE20	100	5500	11.58	11.54	11.49	16.31	0.76	17.07	21.09
	116	5580	11.54	11.48	11.39	16.24	0.76	17.00	21.09
	140	5700	11.61	11.52	11.45	16.30	0.76	17.06	21.09
802.11ax HE40	102	5510	11.53	11.49	11.44	16.26	0.76	17.02	21.09
	110	5550	11.26	11.22	11.19	15.99	0.76	16.75	21.09
	134	5670	11.52	11.44	11.39	16.22	0.76	16.98	21.09
802.11ax HE80	106	5530	11.29	11.22	11.19	16.00	0.81	16.81	21.09
	122	5610	11.52	11.45	11.39	16.22	0.81	17.03	21.09
802.11ac VHT160	114	5570	11.19	11.12	11.05	15.89	1.19	17.08	21.09
802.11ax HE160	114	5570	11.66	11.53	11.48	16.33	0.76	17.09	21.09

Note:

The device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01

Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

11 FCC §15.407(a) – Power Spectral Density

11.1 Applicable Standard

According to FCC §15.407(a):

For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2 Test Procedure

The measurements are base on FCC KDB 789033 D02 General UNII Test Proceдыres New Rules v02r01: Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices section F: Maximum power spectral density.

Duty cycle <98%, duty cycle variations are less than $\pm 2\%$

Method SA-2 was used.

11.3 Test Results

Test Mode: Transmitting

5250-5350MHz

Non Beamforming Mode:

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)				Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Limit (dBm/MHz)
			Chain 0	Chain 1	Chain 2	Total			
802.11a	52	5260	2.96	2.82	2.76	7.62	0.27	7.89	8.09
	60	5300	3.04	2.61	2.64	7.54	0.27	7.81	8.09
	64	5320	2.69	3.09	2.85	7.65	0.27	7.92	8.09
802.11ac 20	52	5260	2.79	2.76	2.93	7.60	0.32	7.92	8.09
	60	5300	2.64	2.47	2.39	7.27	0.32	7.59	8.09
	64	5320	2.75	2.54	2.97	7.53	0.32	7.85	8.09
802.11ac 40	54	5270	3.00	2.69	3.05	7.69	0.36	8.05	8.09
	62	5310	1.14	1.51	1.43	6.13	0.36	6.49	8.09
802.11ac 80	58	5290	-6.74	-6.80	-6.53	-1.92	0.71	-1.21	8.09
802.11ac 160	50	5250	-9.76	-9.95	-10.07	-5.15	1.19	-3.96	8.09
802.11ax 20	52	5260	2.50	2.30	2.12	7.08	0.76	7.84	8.09
	60	5300	2.14	2.10	2.35	6.97	0.76	7.73	8.09
	64	5320	2.18	1.98	2.11	6.86	0.76	7.62	8.09
802.11ax 40	54	5270	2.52	2.49	2.47	7.26	0.76	8.02	8.09
	62	5310	1.29	1.13	1.48	6.07	0.76	6.83	8.09
802.11ax 80	58	5290	-4.71	-4.55	-4.48	0.19	0.81	1.00	8.09
802.11ax 160	50	5250	-6.96	-6.95	-7.07	-2.22	0.76	-1.46	8.09

Beamforming Mode:

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)				Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Limit (dBm/MHz)
			Chain 0	Chain 1	Chain 2	Total			
802.11ac 20	52	5260	-0.74	-0.55	-0.62	4.14	0.32	4.46	8.09
	60	5300	-0.76	-0.79	-1.28	3.83	0.32	4.15	8.09
	64	5320	-0.48	-0.87	-0.77	4.07	0.32	4.39	8.09
802.11ac 40	54	5270	-2.88	-2.89	-2.94	1.87	0.36	2.23	8.09
	62	5310	-2.65	-2.48	-2.64	2.18	0.36	2.54	8.09
802.11ac 80	58	5290	-5.46	-5.41	-6.24	-0.92	0.71	-0.21	8.09
802.11ac 160	50	5250	-6.27	-6.00	-6.48	-1.47	1.19	-0.28	8.09
802.11ax 20	52	5260	-1.52	-0.43	-1.68	3.60	0.76	4.36	8.09
	60	5300	-1.22	-1.13	-1.93	3.36	0.76	4.12	8.09
	64	5320	-1.03	-1.76	-0.88	3.56	0.76	4.32	8.09
802.11ax 40	54	5270	-3.34	-3.38	-3.17	1.48	0.76	2.24	8.09
	62	5310	-2.95	-3.33	-3.23	1.60	0.76	2.36	8.09
802.11ax 80	58	5290	-6.54	-5.83	-5.79	-1.27	0.81	-0.46	8.09
802.11ax 160	50	5250	-7.00	-6.75	-6.62	-2.02	0.76	-1.26	8.09

5470-5725MHz

Non Beamforming Mode:

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)				Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Limit (dBm/MHz)
			Chain 0	Chain 1	Chain 2	Total			
802.11a	100	5500	3.02	2.99	3.07	7.80	0.27	8.07	8.14
	116	5580	3.09	2.80	3.12	7.78	0.27	8.05	8.14
	140	5700	2.88	3.29	2.76	7.75	0.27	8.02	8.14
802.11ac 20	100	5500	2.75	3.02	2.95	7.68	0.32	8.00	8.14
	116	5580	2.98	2.99	2.95	7.74	0.32	8.06	8.14
	140	5700	3.02	2.73	2.70	7.59	0.32	7.91	8.14
802.11ac 40	102	5510	2.54	2.39	2.48	7.24	0.36	7.60	8.14
	110	5550	2.84	3.06	2.94	7.72	0.36	8.08	8.14
	134	5670	2.83	2.33	2.57	7.35	0.36	7.71	8.14
802.11ac 80	106	5530	-4.75	-4.90	-5.15	-0.16	0.71	0.55	8.14
	122	5610	-0.72	-0.47	-0.81	4.11	0.71	4.82	8.14
802.11 ac160	114	5570	-9.79	-9.72	-9.42	-4.87	1.19	-3.68	8.14
802.11ax 20	100	5500	2.03	2.31	2.24	6.97	0.76	7.73	8.14
	116	5580	2.11	2.06	1.90	6.80	0.76	7.56	8.14
	140	5700	2.23	1.87	2.30	6.91	0.76	7.67	8.14
802.11ax 40	102	5510	2.07	2.30	1.94	6.88	0.76	7.64	8.14
	110	5550	2.31	2.24	2.39	7.08	0.76	7.84	8.14
	134	5670	2.06	2.02	2.30	6.90	0.76	7.66	8.14
802.11ax 80	106	5530	-3.06	-3.19	-2.86	1.74	0.81	2.55	8.14
	122	5610	-0.53	-0.52	-0.56	4.23	0.81	5.04	8.14
802.11 ax160	114	5570	-8.91	-8.85	-8.62	-4.02	0.76	-3.26	8.14

Beamforming Mode:

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/MHz)				Duty Factor (dB)	Power Spectral Density with duty factor (dBm/MHz)	Limit (dBm/MHz)
			Chain 0	Chain 1	Chain 2	Total			
802.11ac 20	100	5500	-1.08	-0.69	-0.50	4.02	0.32	4.34	8.14
	116	5580	0.22	-0.26	-0.23	4.69	0.32	5.01	8.14
	140	5700	-0.43	-0.98	-0.93	4.00	0.32	4.32	8.14
802.11ac 40	102	5510	-3.10	-2.77	-2.57	1.96	0.36	2.32	8.14
	110	5550	-2.60	-2.47	-3.01	2.08	0.36	2.44	8.14
	134	5670	-3.07	-3.31	-3.03	1.64	0.36	2.00	8.14
802.11ac 80	106	5530	-6.27	-5.73	-5.71	-1.12	0.71	-0.41	8.14
	122	5610	-6.33	-6.53	-6.37	-1.64	0.71	-0.93	8.14
802.11 ac160	114	5570	-9.05	-9.20	-8.95	-4.29	1.19	-3.10	8.14
802.11ax 20	100	5500	-1.24	-1.50	-0.66	3.65	0.76	4.41	8.14
	116	5580	-1.61	-1.04	-1.24	3.48	0.76	4.24	8.14
	140	5700	-1.17	-1.48	-1.01	3.56	0.76	4.32	8.14
802.11ax 40	102	5510	-3.08	-2.82	-3.59	1.62	0.76	2.38	8.14
	110	5550	-3.60	-4.02	-3.59	1.04	0.76	1.80	8.14
	134	5670	-3.56	-3.53	-3.51	1.24	0.76	2.00	8.14
802.11ax 80	106	5530	-6.45	-6.54	-6.76	-1.81	0.81	-1.00	8.14
	122	5610	-6.27	-6.52	-5.75	-1.4	0.81	-0.59	8.14
802.11 ax160	114	5570	-8.57	-8.31	-8.45	-3.67	0.76	-2.91	8.14

Note:

Per KDB 662911 D01 Multiple Transmitter Output v02r01, for Power spectral density (PSD) measurements on the devices:

Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi.

Directional gain = Band 2: 8.91 dBi , Band 3: 8.86 dBi

The Power density Limits was reduce Band 2: 2.91 dB , Band 3: 2.86 dB

UNII-2A Band II / PSD

Non Beamforming Mode:

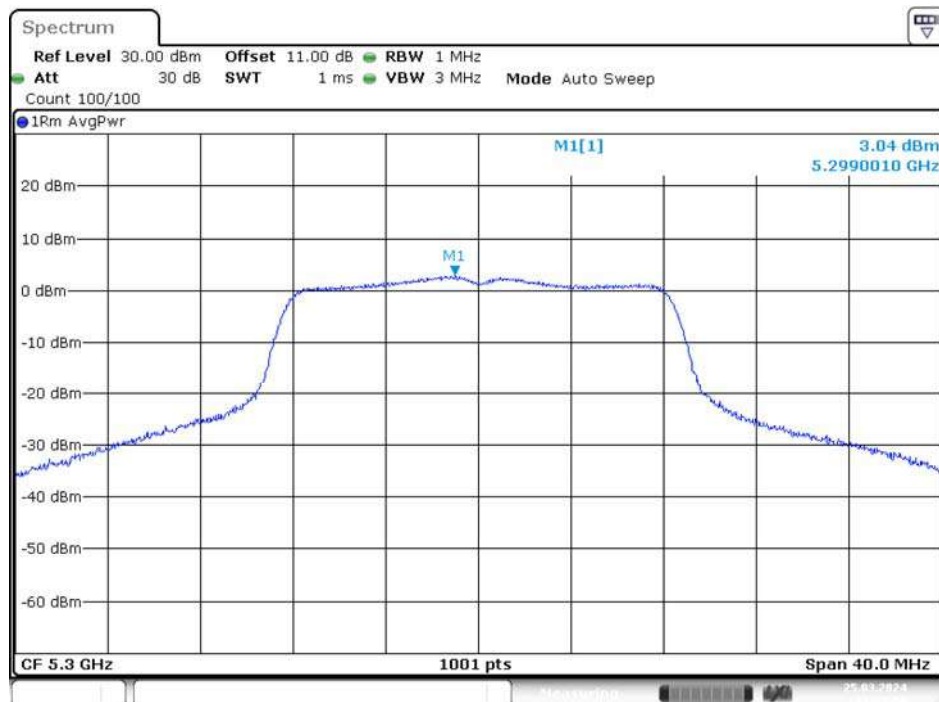
Chain 0

IEEE 802.11a Mode / 5250 ~ 5350MHz

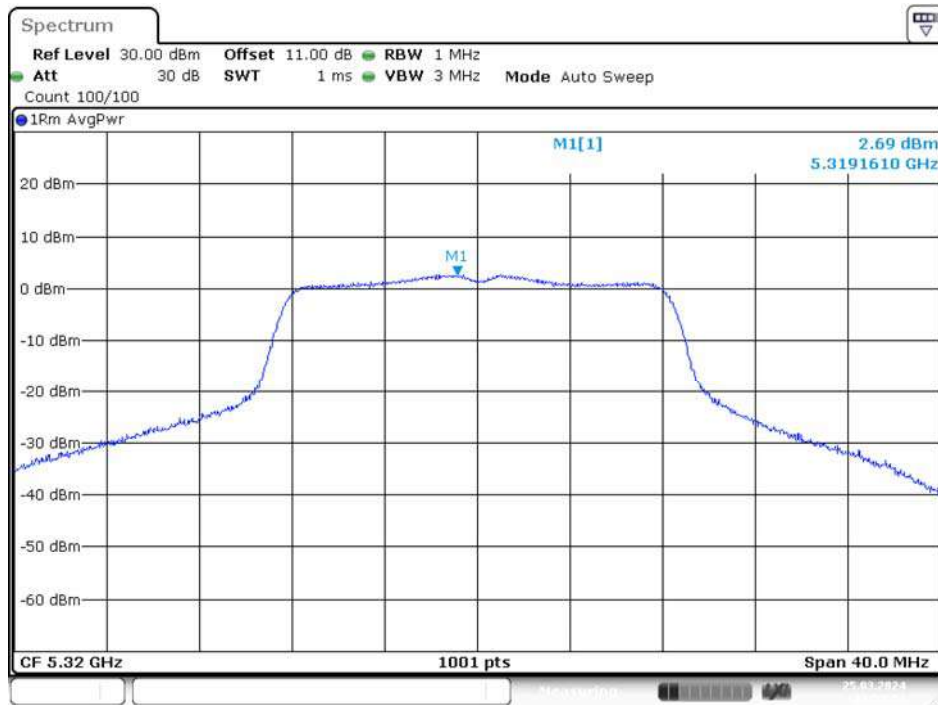
5260MHz



5300MHz



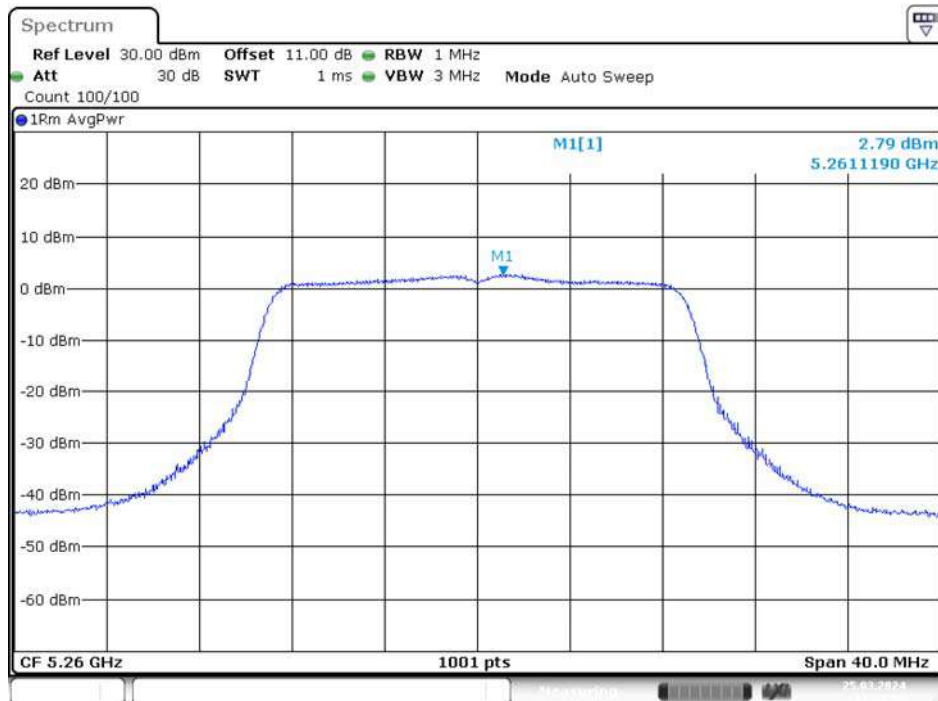
5320MHz



Date: 25.MAR.2024 11:52:51

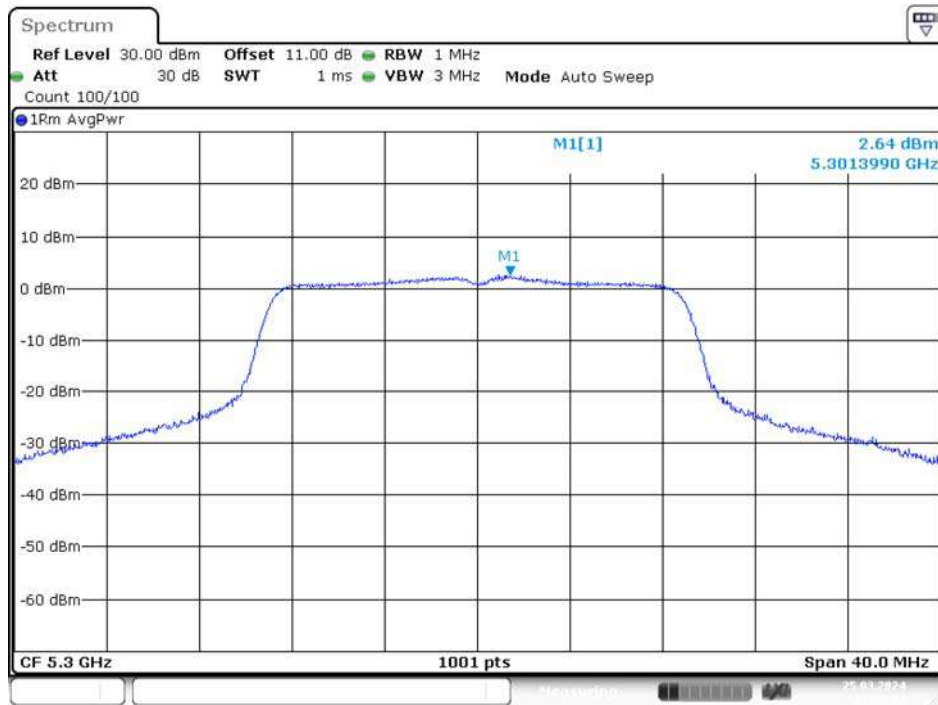
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

5260MHz



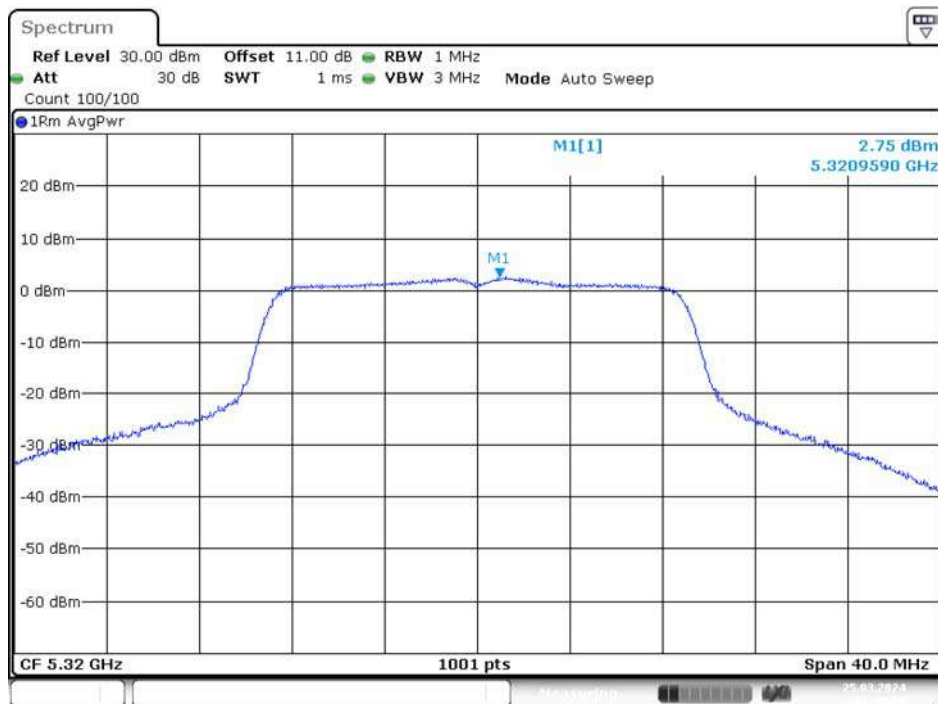
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5300MHz



Date: 25.MAR.2024 12:28:05

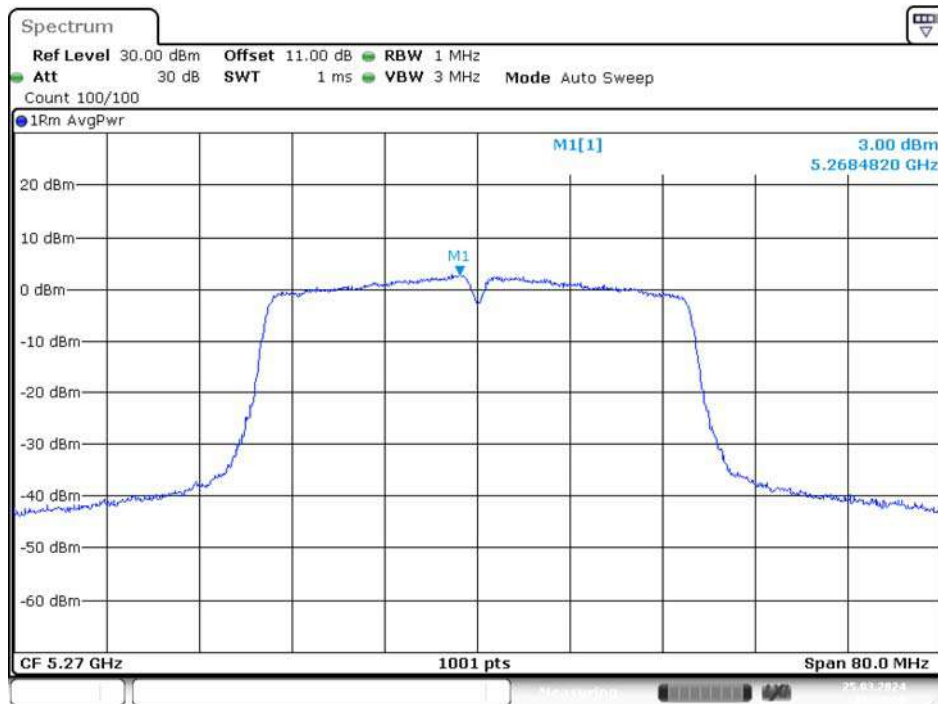
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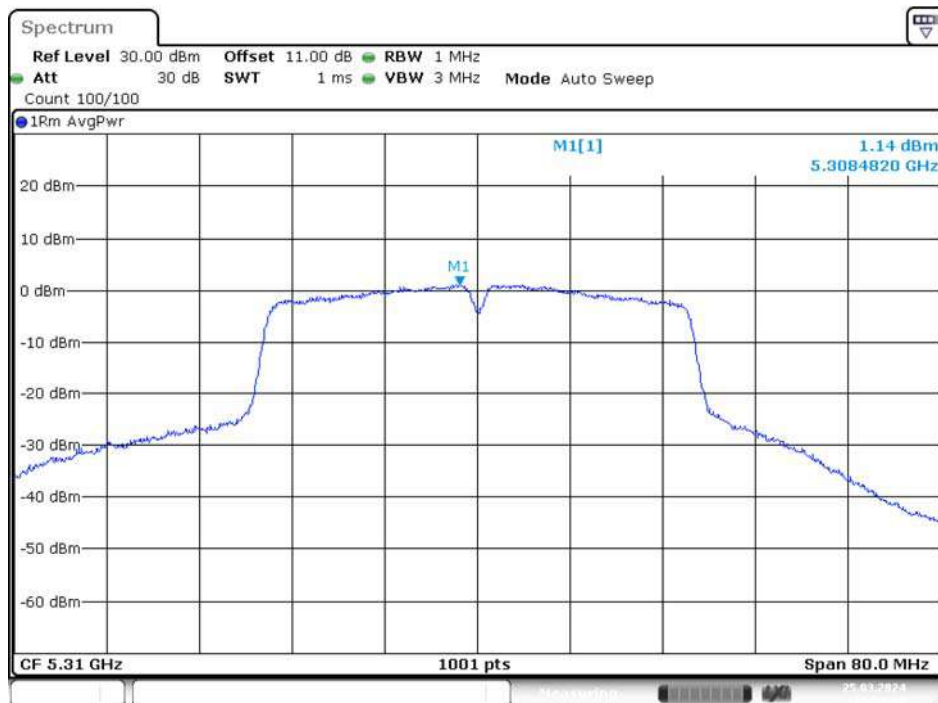
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 25.MAR.2024 14:28:41

5310MHz



Date: 25.MAR.2024 15:59:48

IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz

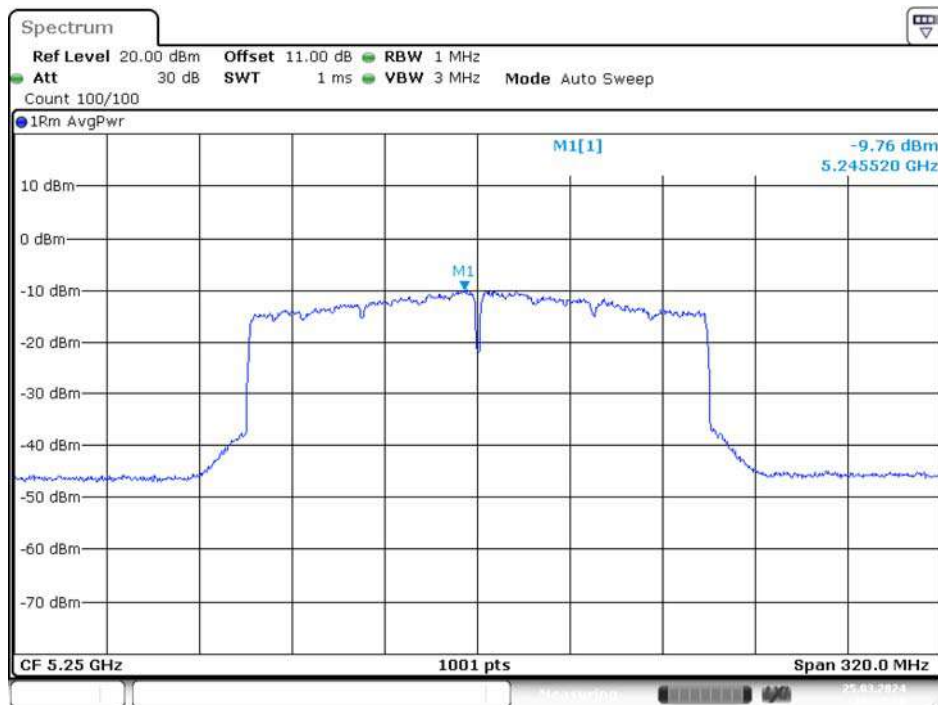
5290MHz



Date: 25.MAR.2024 16:27:29

IEEE 802.11ac VHT160 Mode / 5250 ~ 5350MHz

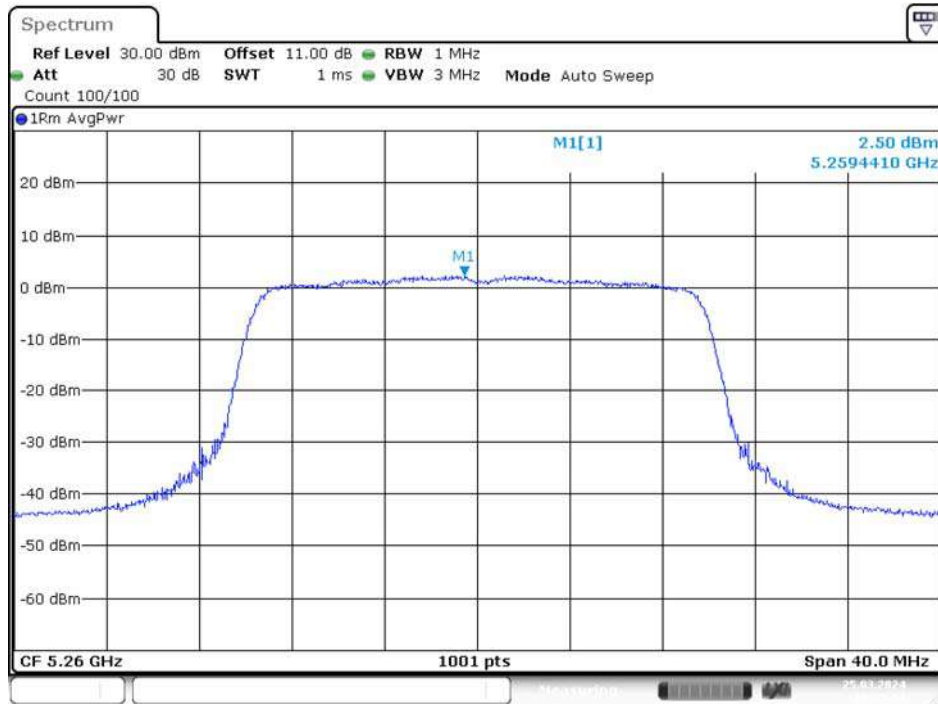
5250MHz



Date: 25.MAR.2024 19:37:27

IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz

5260MHz



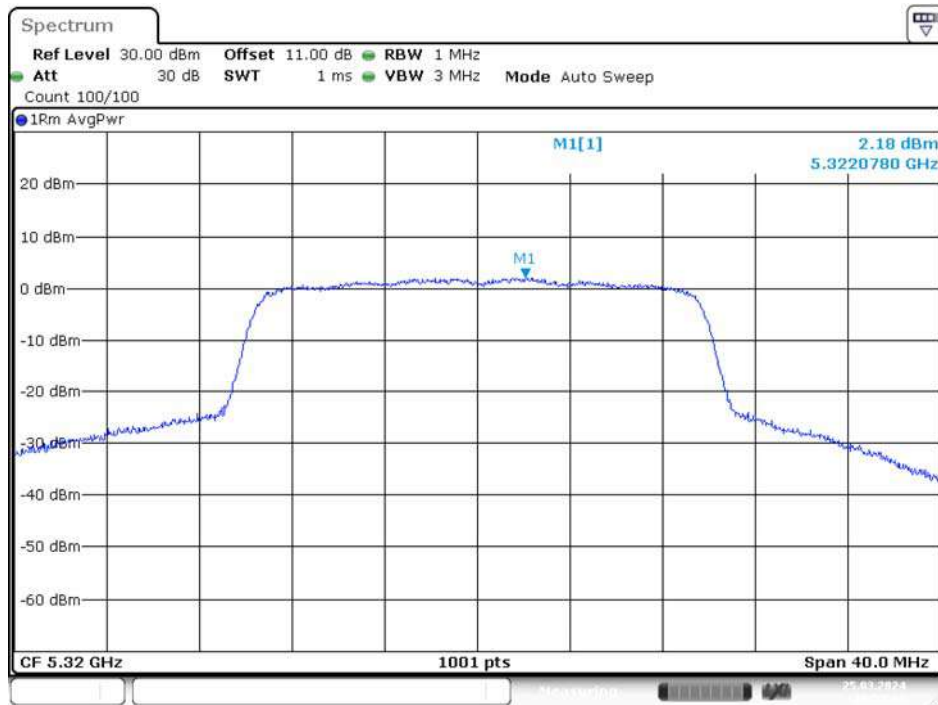
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5300MHz



Date: 25.MAR.2024 16:45:43

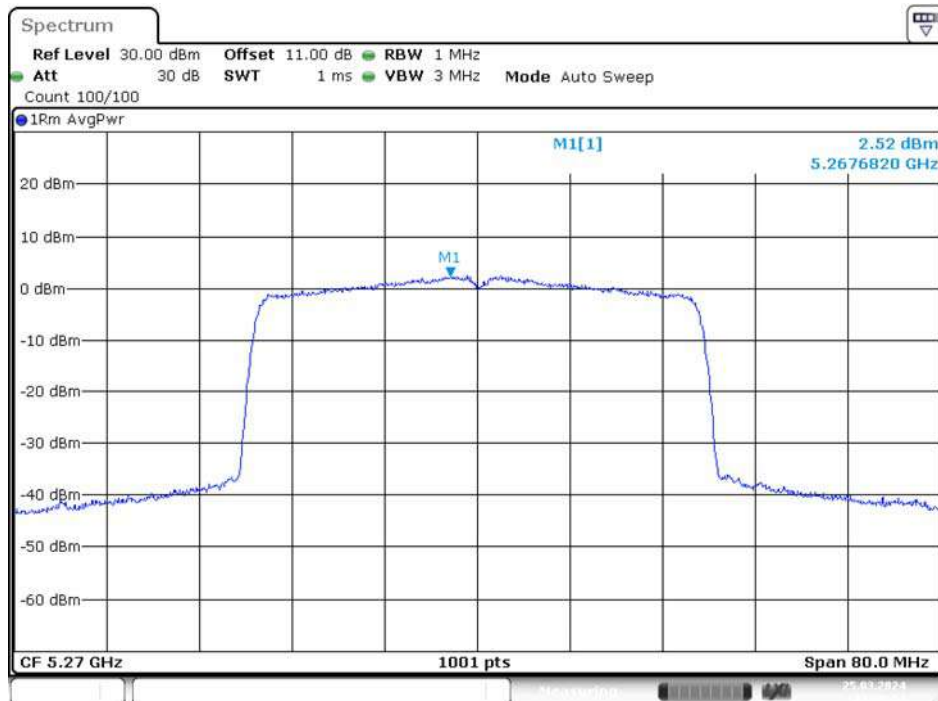
5320MHz



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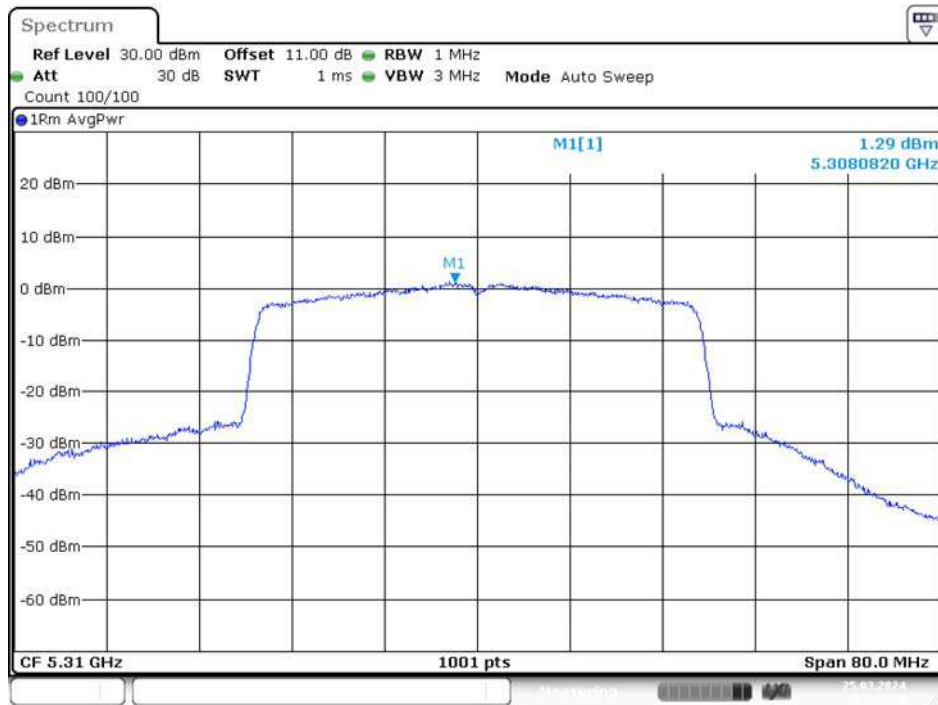
IEEE 802.11ax HE40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 25.MAR.2024 17:36:35

5310MHz



Date: 25.MAR.2024 17:41:29

IEEE 802.11ax HE80 Mode / 5250 ~ 5350MHz

5290MHz



Date: 25.MAR.2024 19:10:19

IEEE 802.11ax HE160 Mode / 5250 ~ 5350MHz

5250MHz

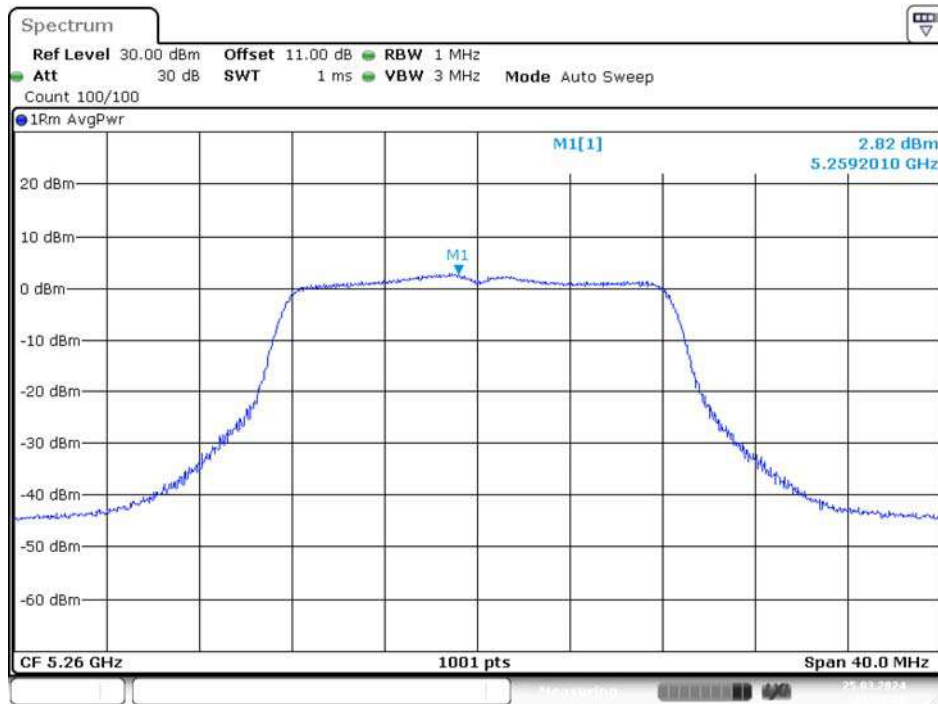


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Chain 1

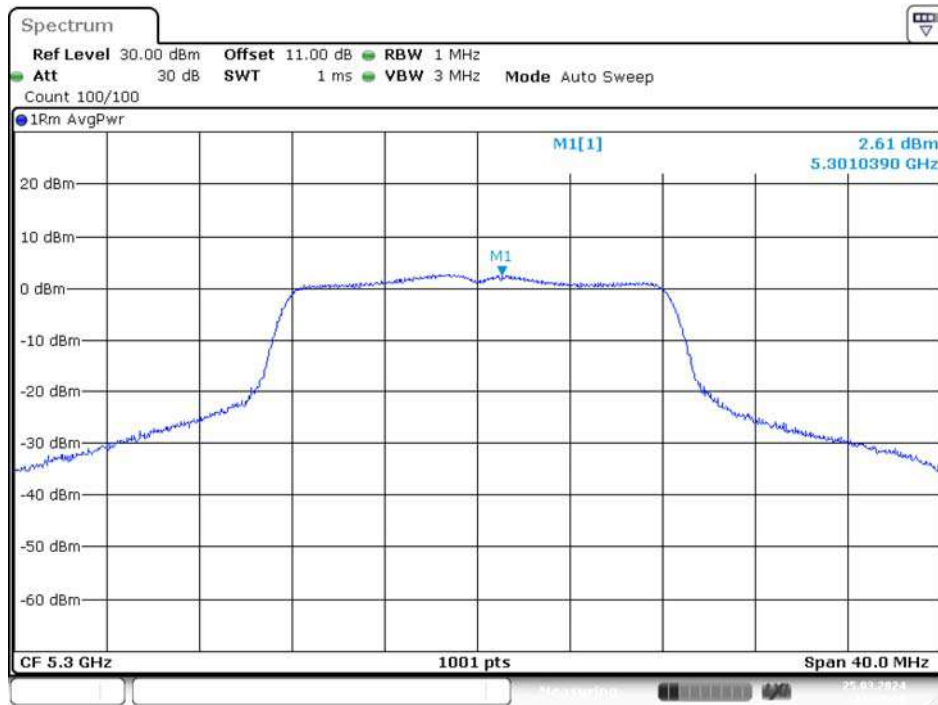
IEEE 802.11a Mode / 5250 ~ 5350MHz

5260MHz



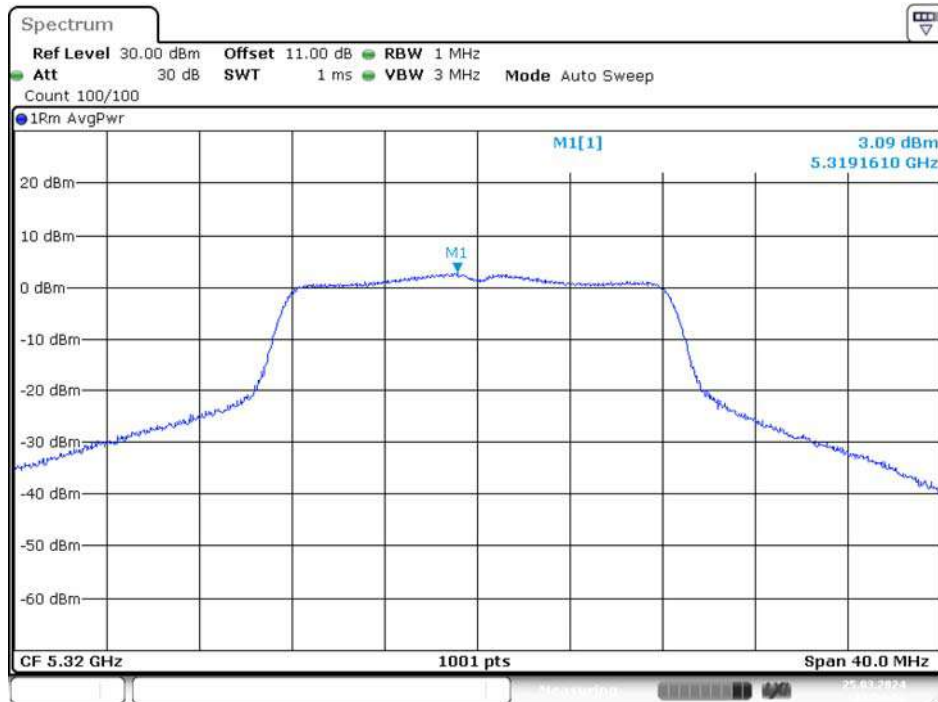
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5300MHz



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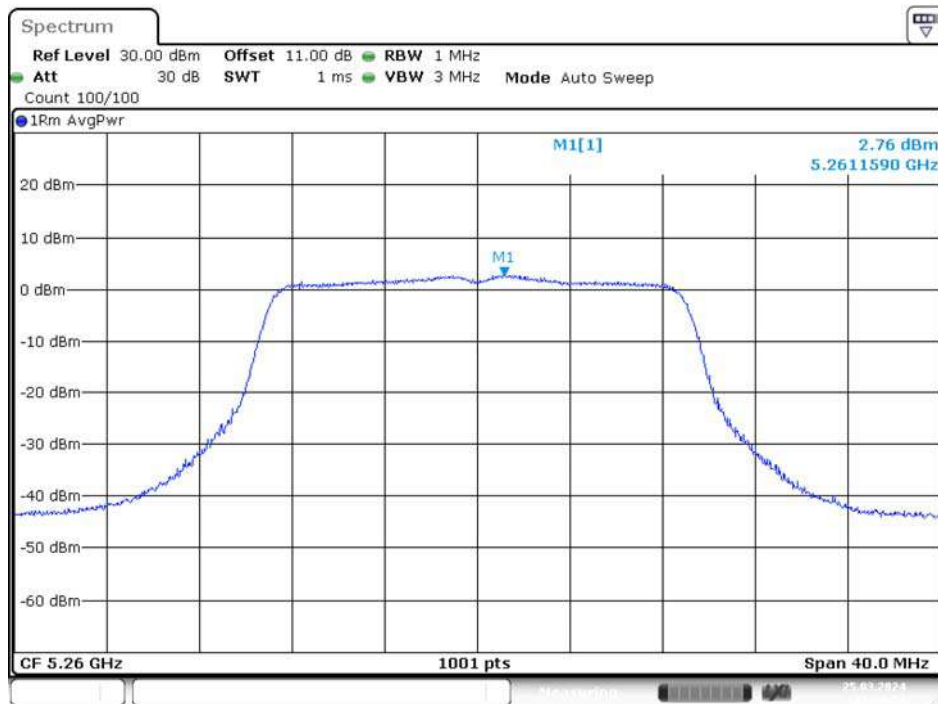
5320MHz



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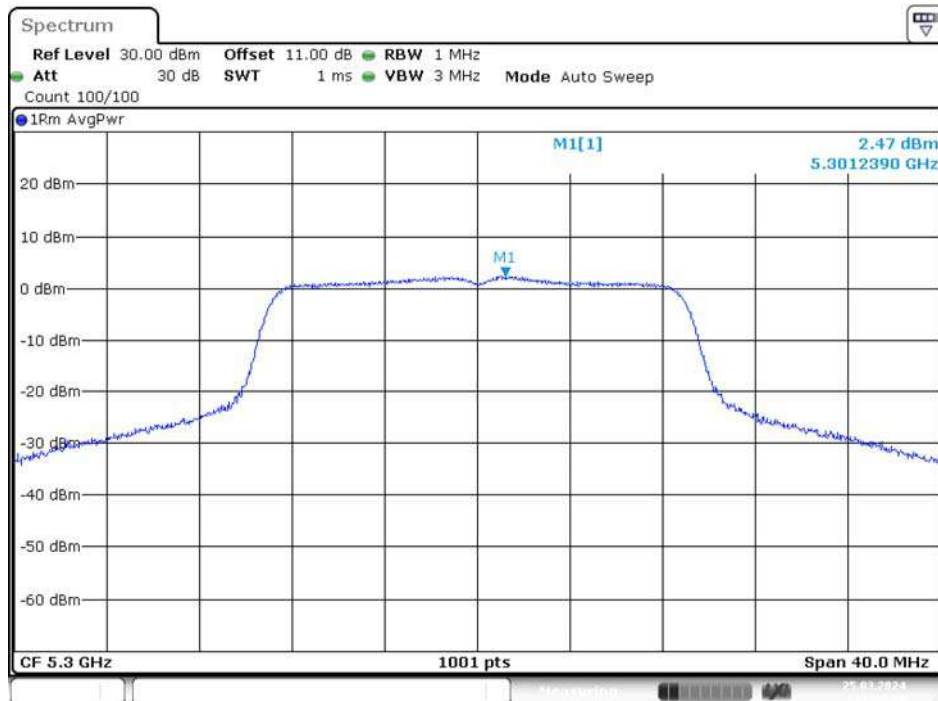
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

5260MHz



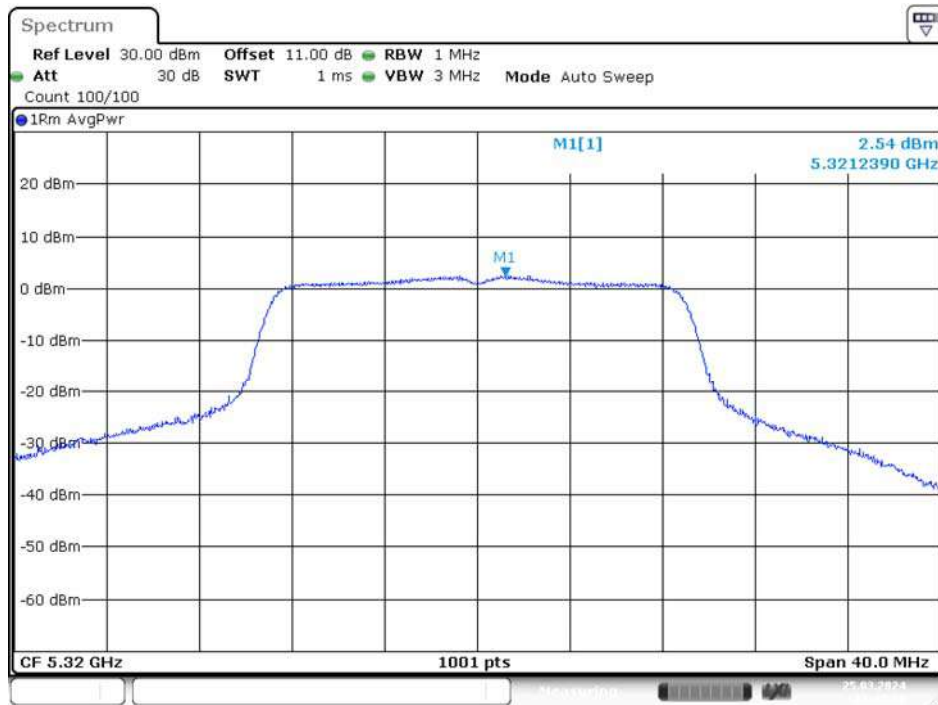
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5300MHz



Date: 25.MAR.2024 12:37:20

5320MHz



Date: 25.MAR.2024 12:42:39

IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 25.MAR.2024 14:39:52

5310MHz



Date: 25.MAR.2024 16:02:46

IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz

5290MHz



Date: 25.MAR.2024 16:28:28

IEEE 802.11ac VHT160 Mode / 5250 ~ 5350MHz

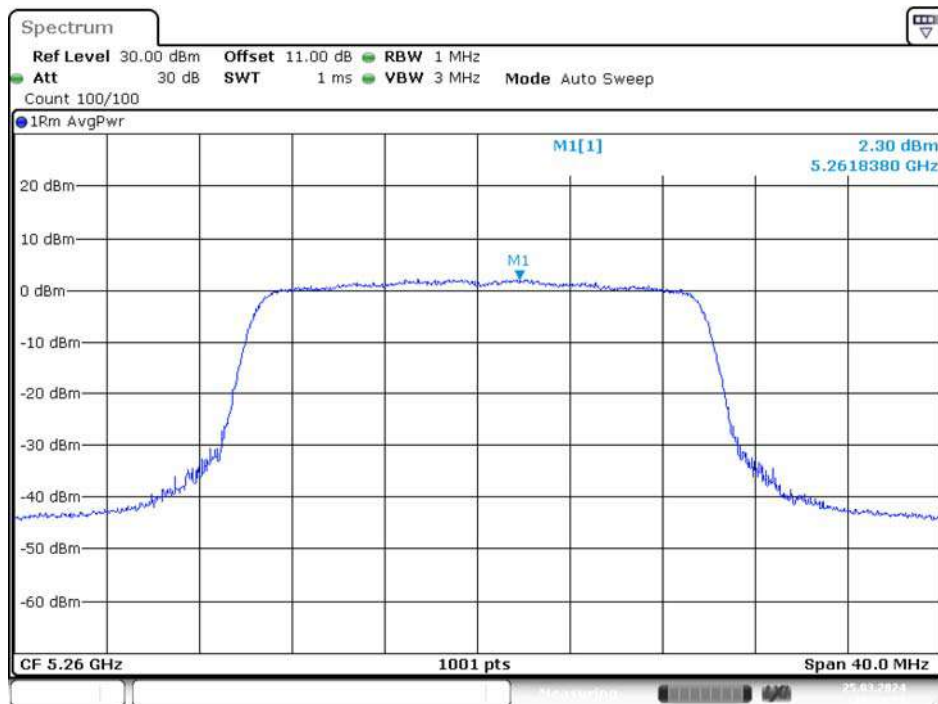
5250MHz



Date: 25.MAR.2024 19:39:31

IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 25.MAR.2024 16:38:27

5300MHz



Date: 25.MAR.2024 16:48:21

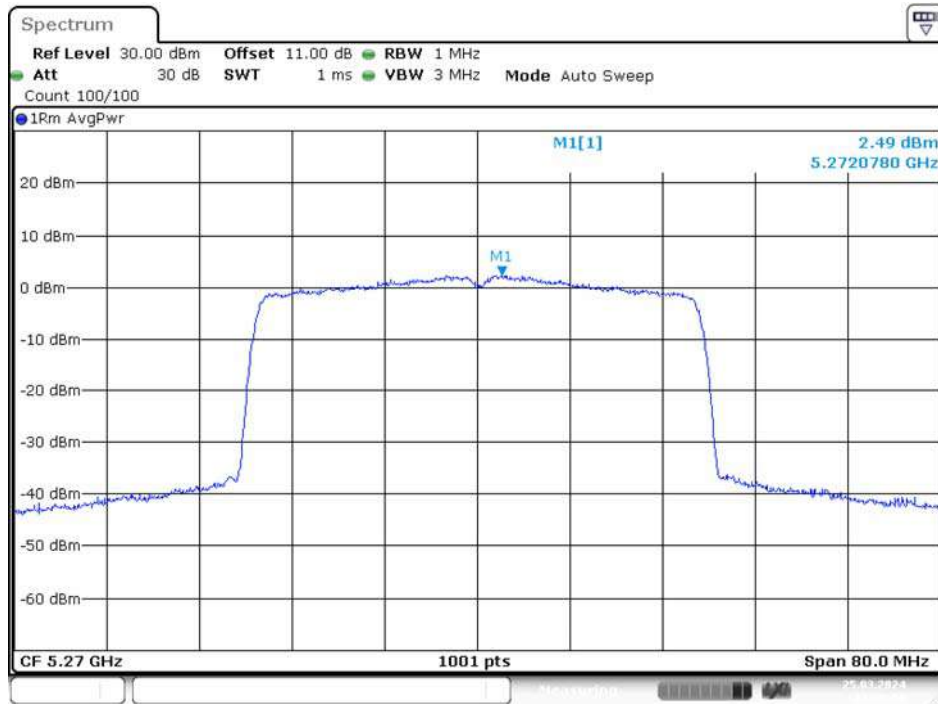
5320MHz



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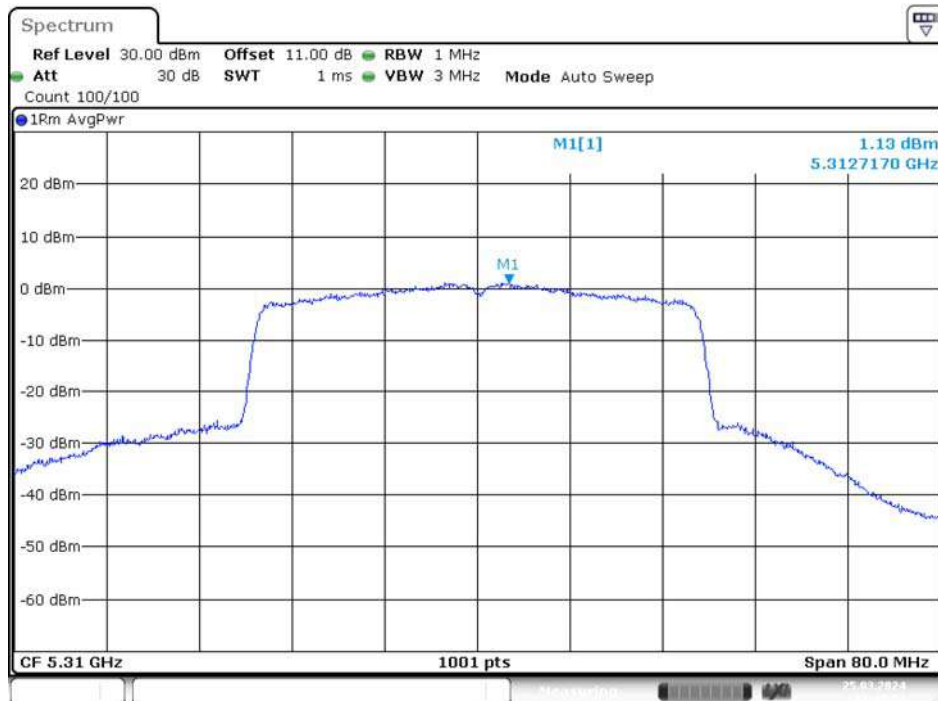
IEEE 802.11ax HE40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 25.MAR.2024 17:36:09

5310MHz



Date: 25.MAR.2024 17:42:52

IEEE 802.11ax HE80 Mode / 5250 ~ 5350MHz

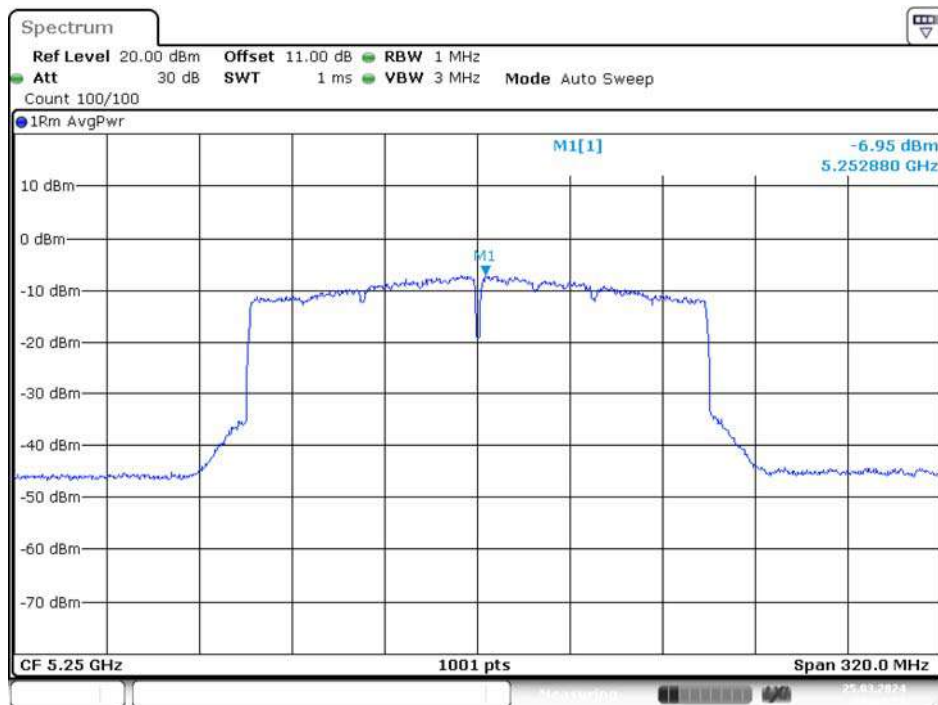
5290MHz



Date: 25.MAR.2024 19:15:00

IEEE 802.11ax HE160 Mode / 5250 ~ 5350MHz

5250MHz



Date: 25.MAR.2024 20:00:28

Chain 2

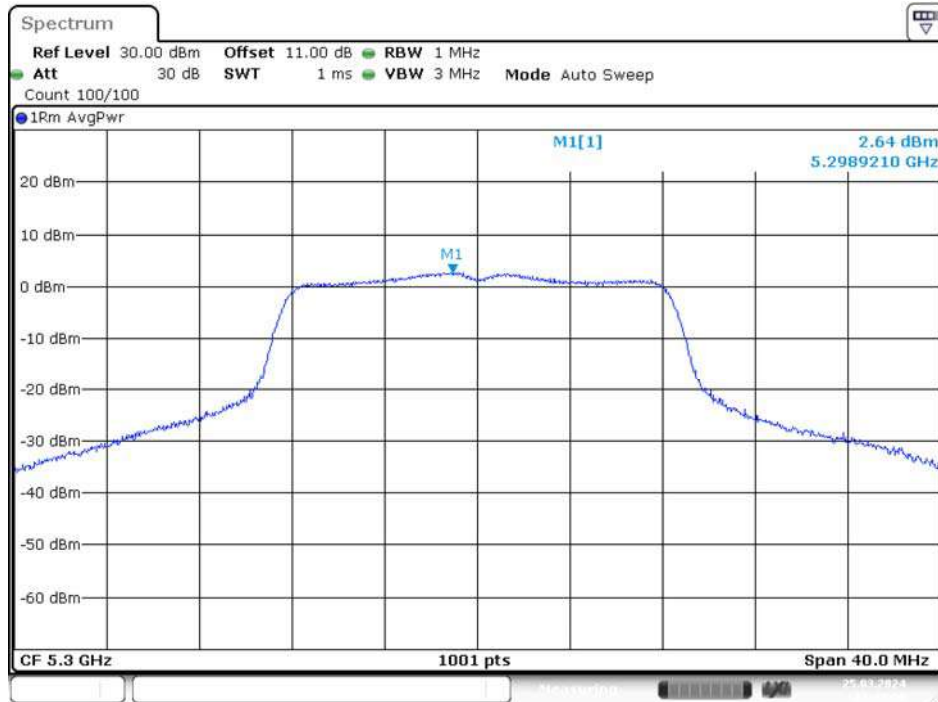
IEEE 802.11a Mode / 5250 ~ 5350MHz

5260MHz



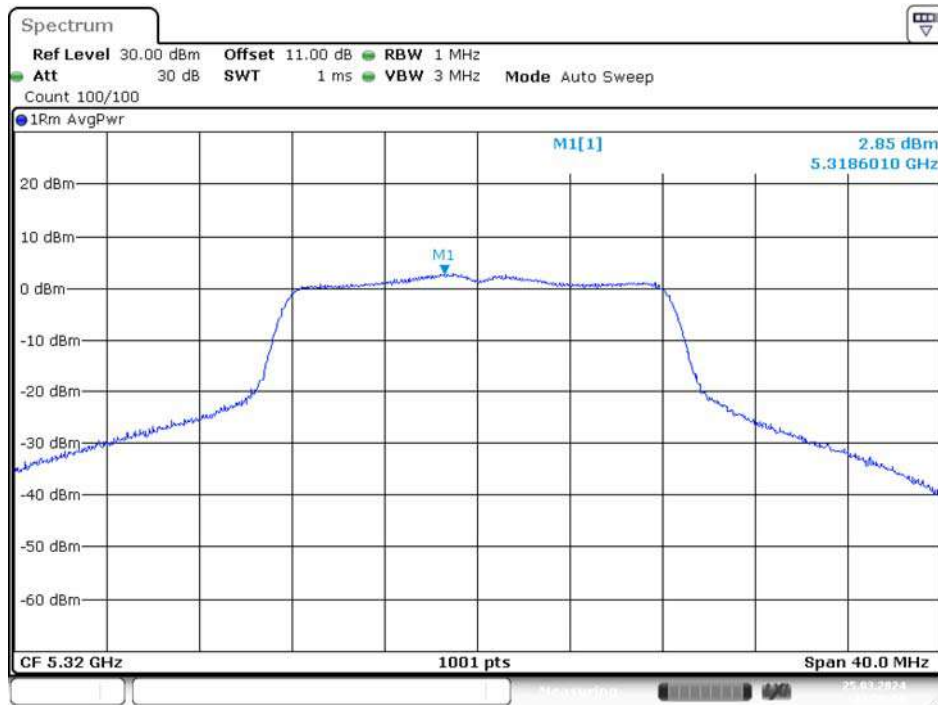
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5300MHz



Date: 25.MAR.2024 11:41:49

5320MHz



Date: 25.MAR.2024 11:56:09

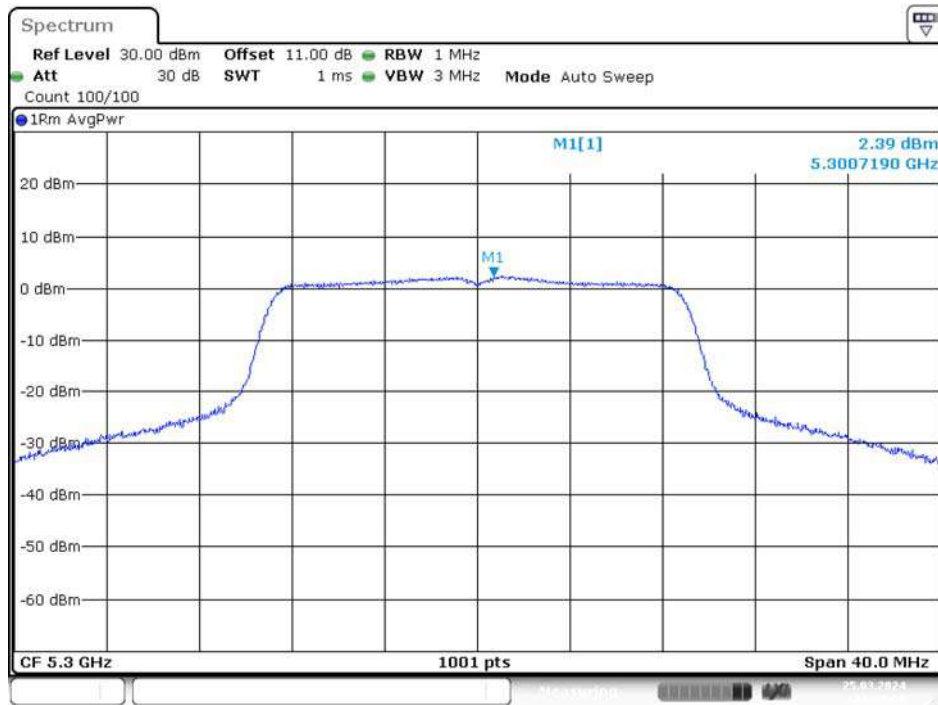
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

5260MHz



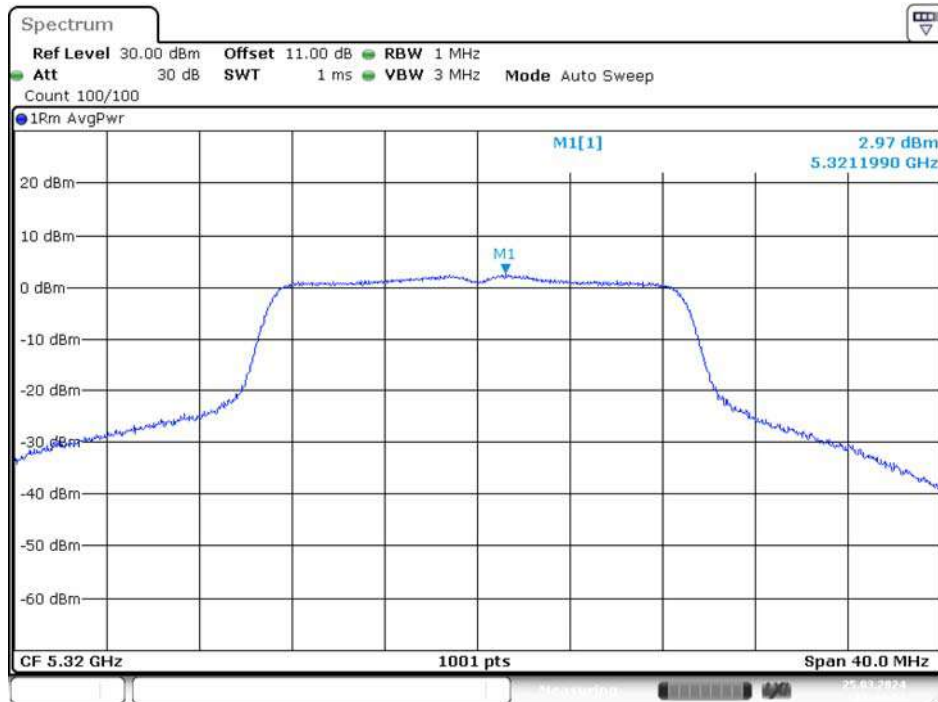
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5300MHz



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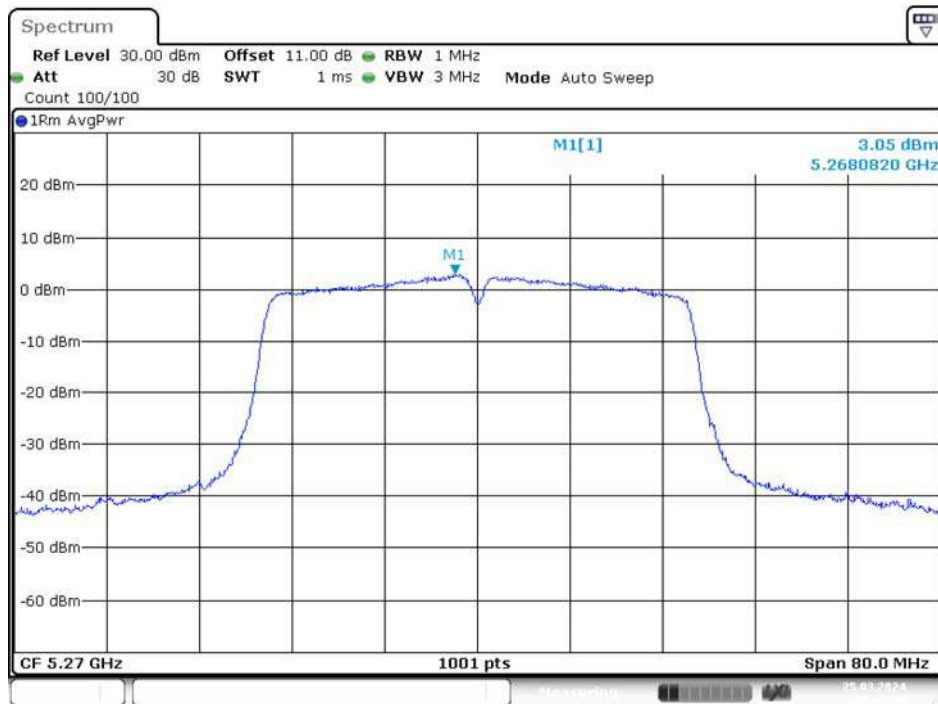
5320MHz



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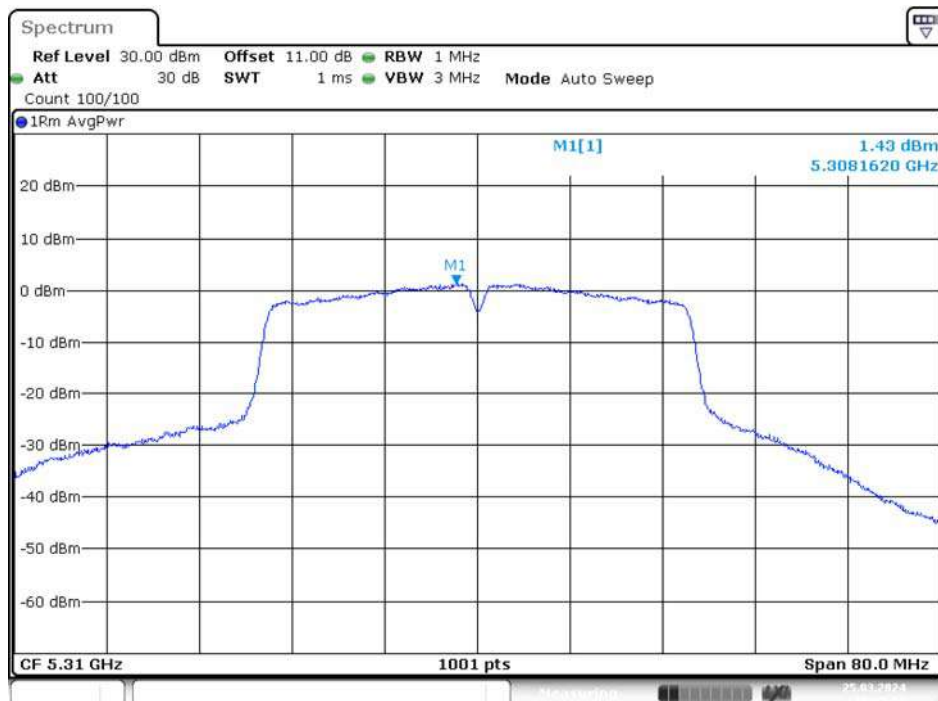
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 25.MAR.2024 14:43:41

5310MHz



Date: 25.MAR.2024 16:05:04

IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz

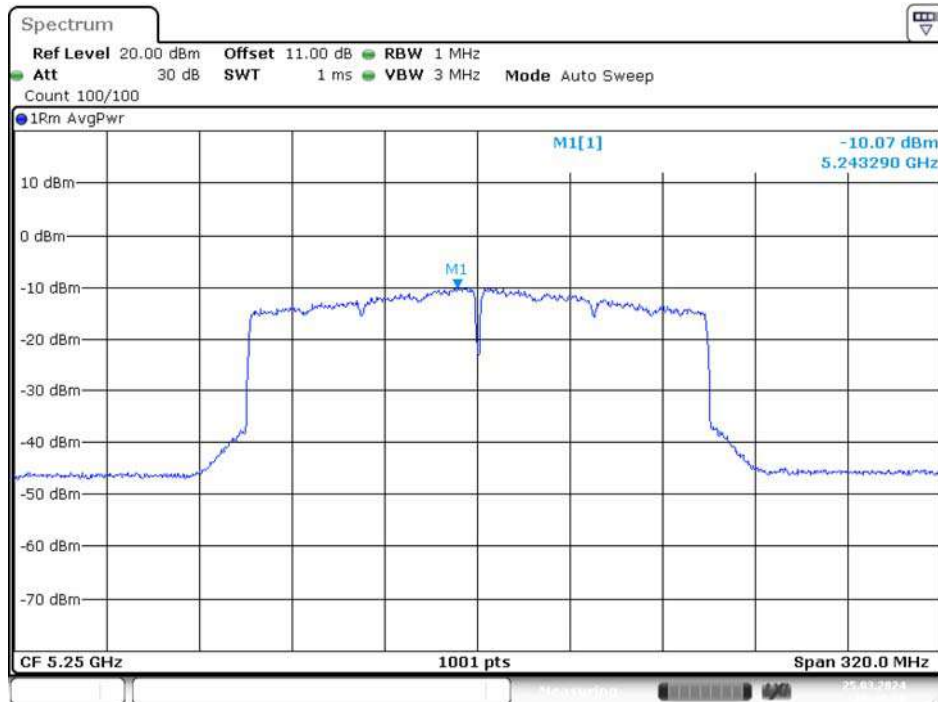
5290MHz



Date: 25.MAR.2024 16:29:45

IEEE 802.11ac VHT160 Mode / 5250 ~ 5350MHz

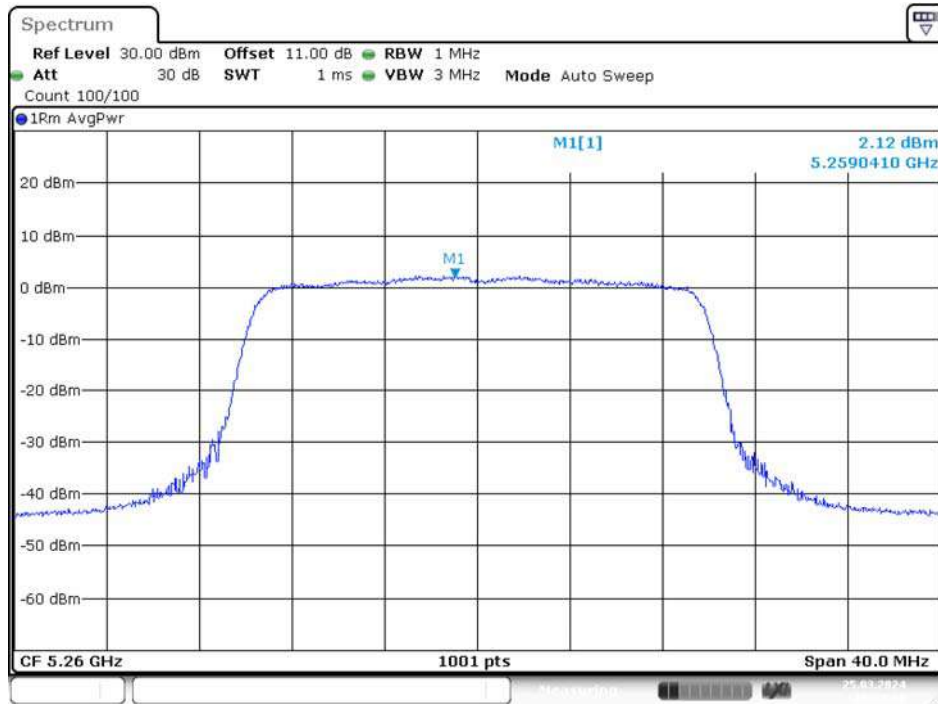
5250MHz



Date: 25.MAR.2024 19:40:20

IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz

5260MHz



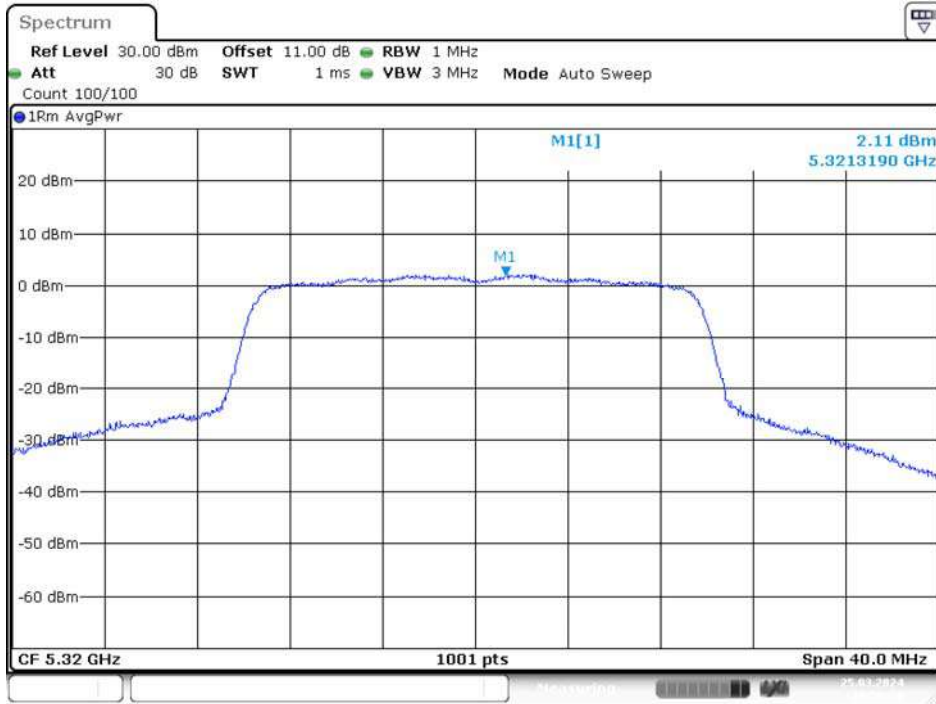
Date: 25.MAR.2024 16:39:48

5300MHz



Date: 25.MAR.2024 16:49:35

5320MHz



Date: 25.MAR.2024 16:56:36

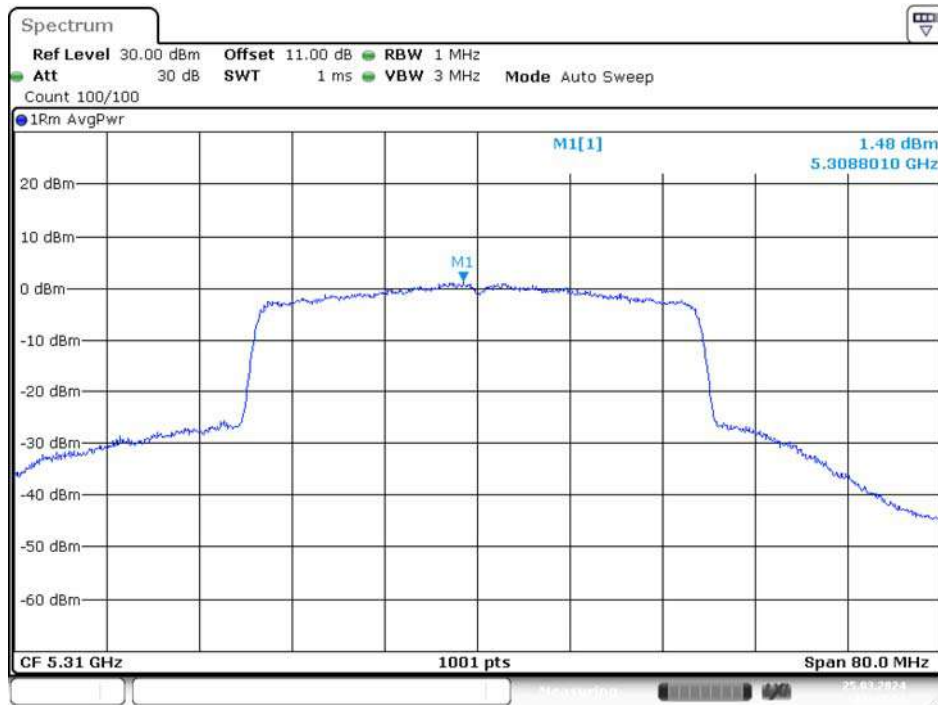
IEEE 802.11ax HE40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 25.MAR.2024 17:37:22

5310MHz



Date: 25.MAR.2024 17:45:22

IEEE 802.11ax HE80 Mode / 5250 ~ 5350MHz

5290MHz



Date: 25.MAR.2024 19:16:12

IEEE 802.11ax HE160 Mode / 5250 ~ 5350MHz

5250MHz



Date: 25.MAR.2024 20:01:00

Beamforming Mode:

Chain 0

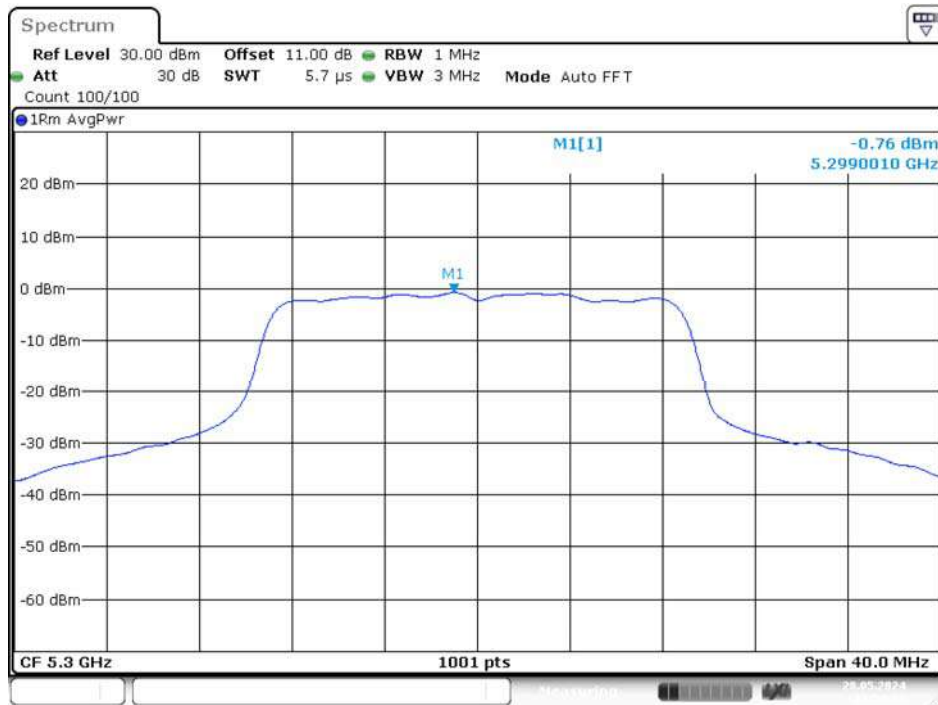
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

5260MHz

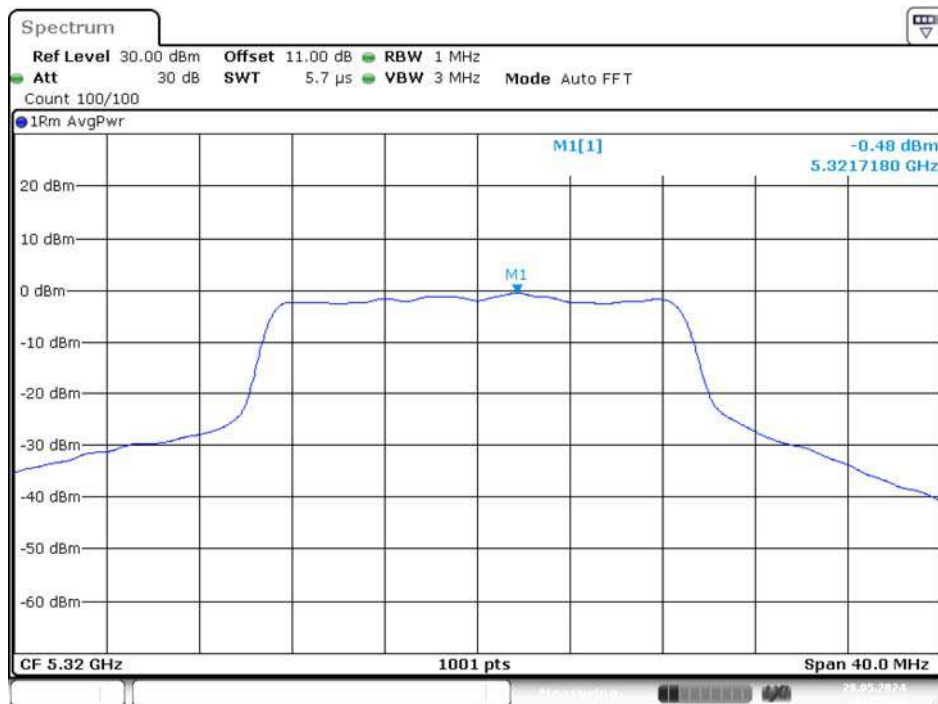


Date: 28.MAY.2024 17:46:51

5300MHz

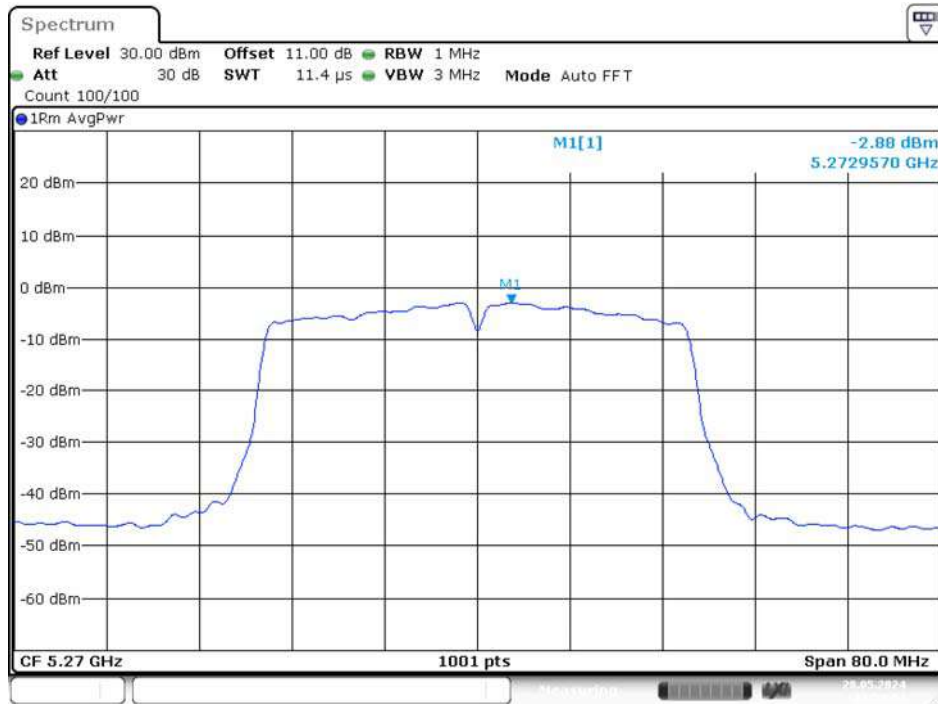


5320MHz



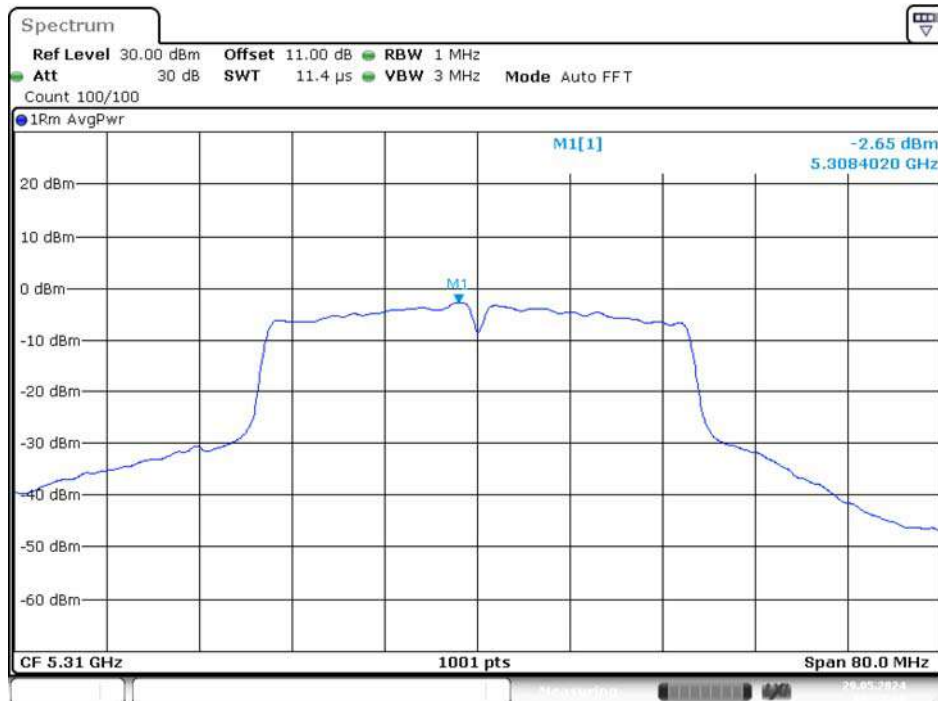
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 28.MAY.2024 17:59:05

5310MHz



Date: 29.MAY.2024 09:22:48

IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz

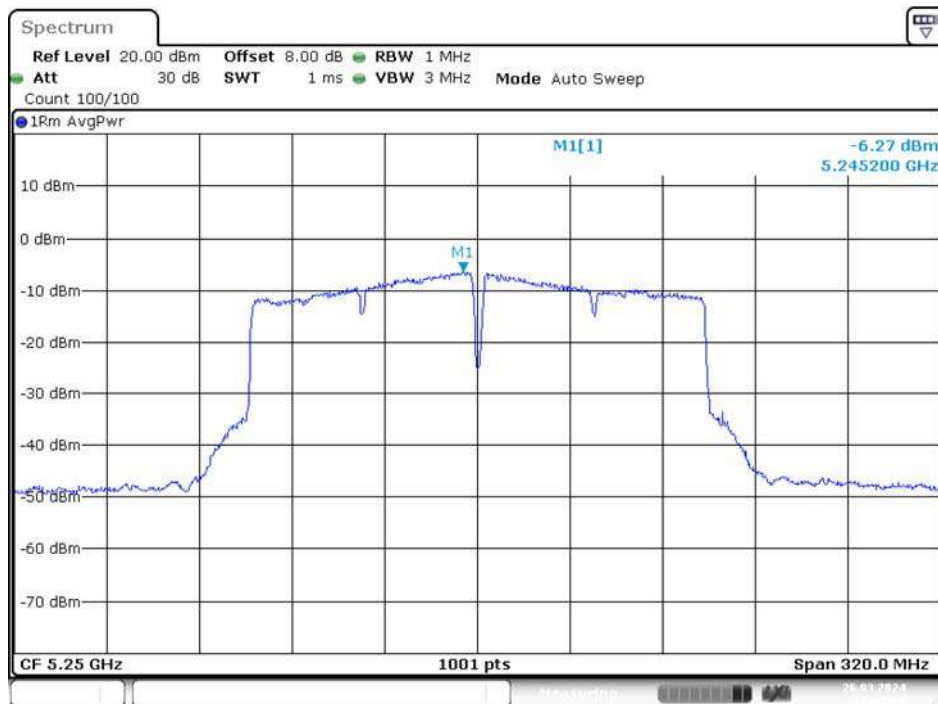
5290MHz



Date: 29.MAY.2024 09:30:59

IEEE 802.11ac VHT160 Mode / 5250 ~ 5350MHz

5250MHz



Date: 26.MAR.2024 15:01:40

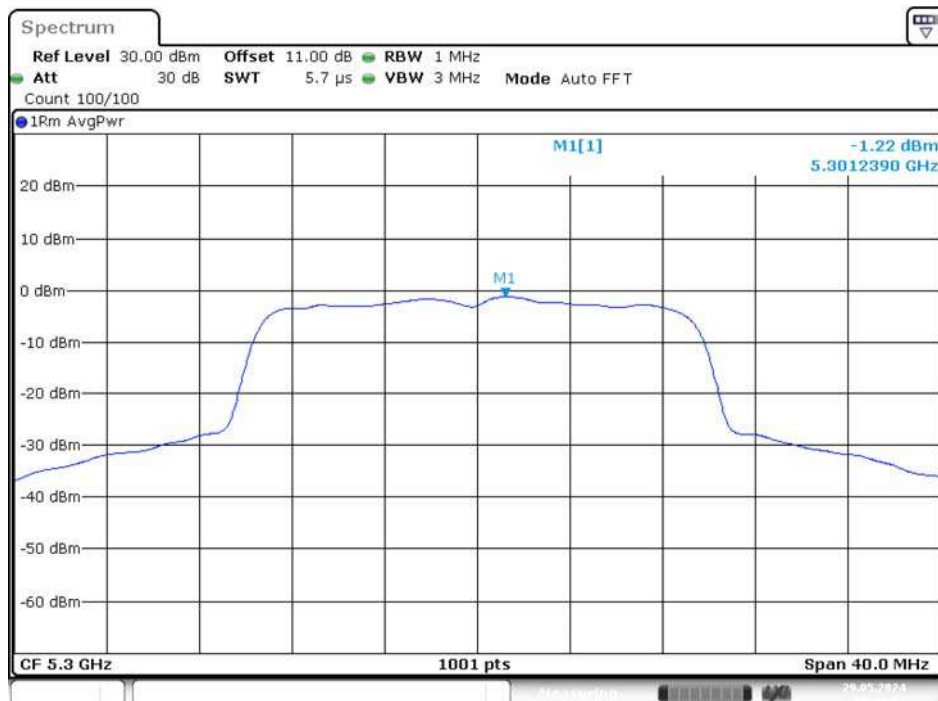
IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz

5260MHz



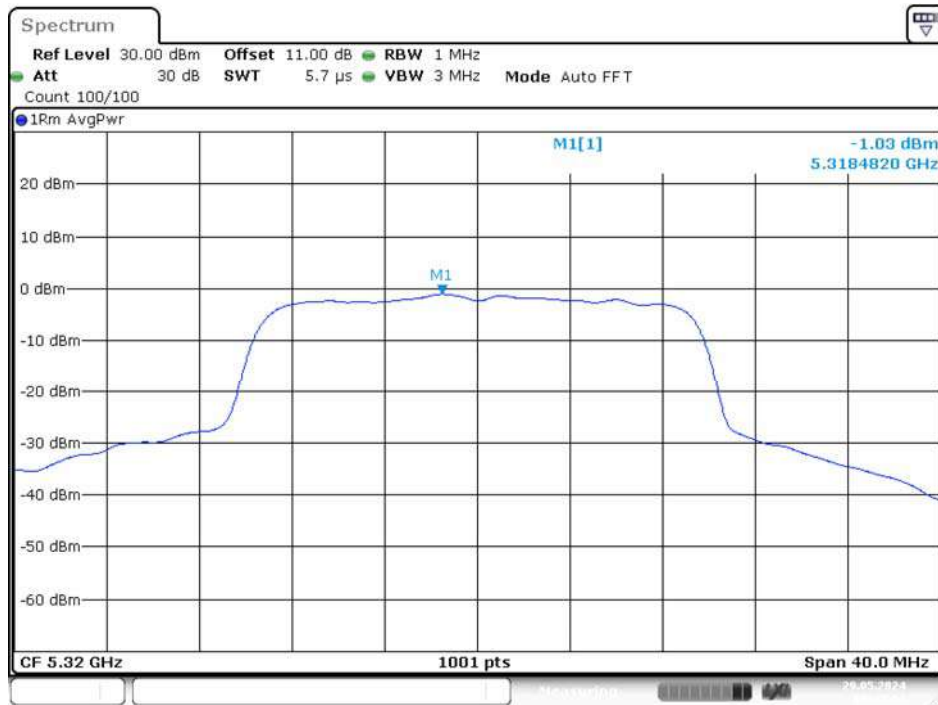
Date: 29.MAY.2024 09:40:01

5300MHz



Date: 29.MAY.2024 09:44:13

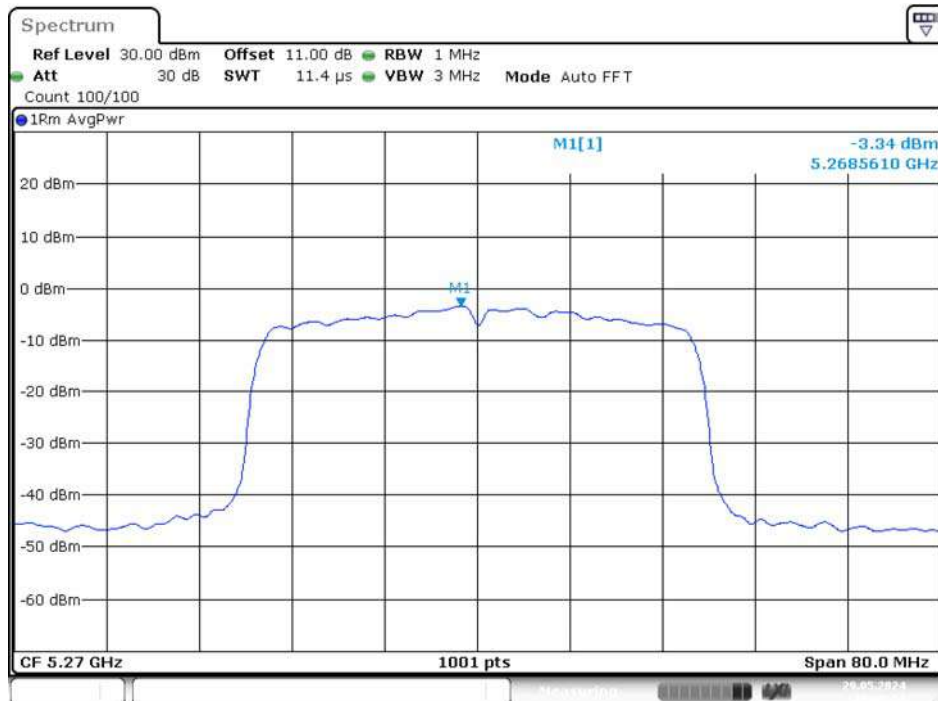
5320MHz



Date: 29.MAY.2024 09:45:41

IEEE 802.11ax HE40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 29.MAY.2024 10:06:47

5310MHz



Date: 29.MAY.2024 10:10:28

IEEE 802.11ax HE80 Mode / 5250 ~ 5350MHz

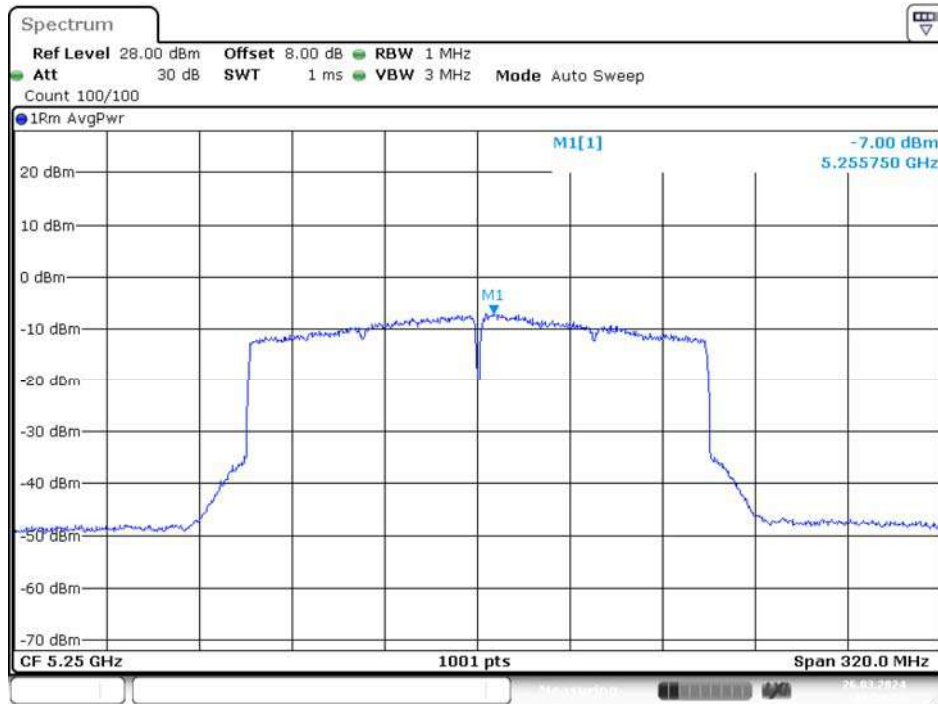
5290MHz



Date: 29.MAY.2024 11:01:43

IEEE 802.11ax HE160 Mode / 5250 ~ 5350MHz

5250MHz

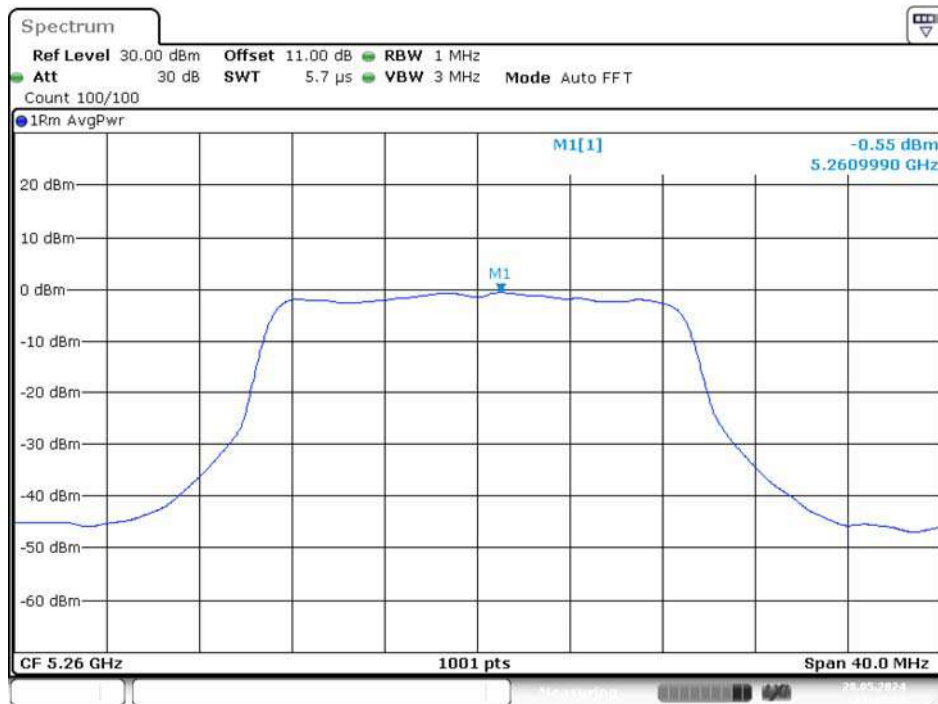


Date: 26.MAR.2024 14:58:54

Chain 1

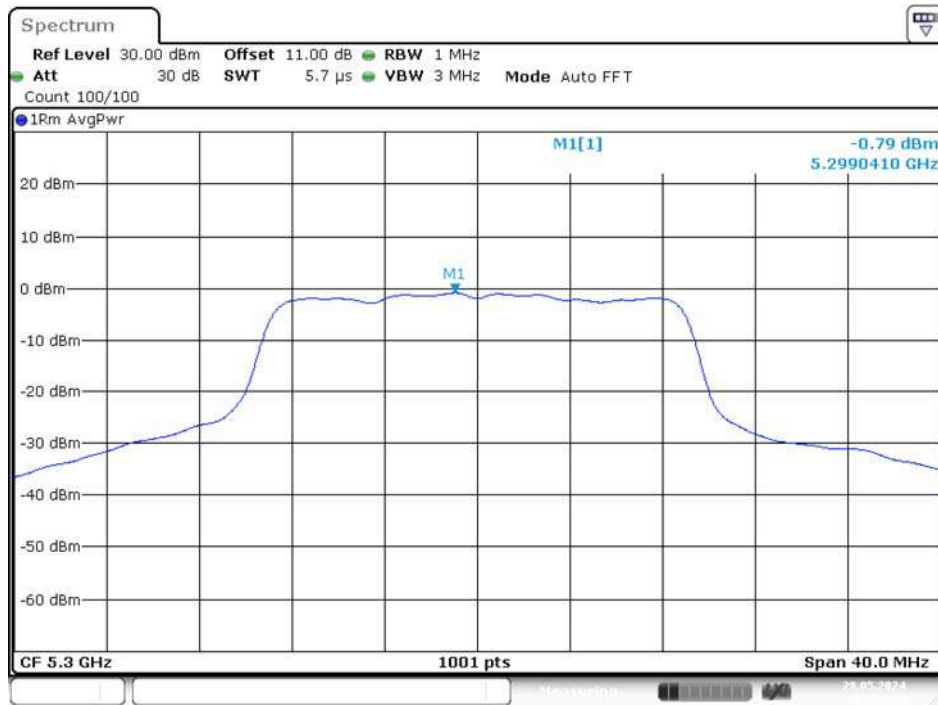
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 28.MAY.2024 17:47:37

5300MHz



Date: 28.MAY.2024 17:50:34

5320MHz



Date: 28.MAY.2024 17:51:55

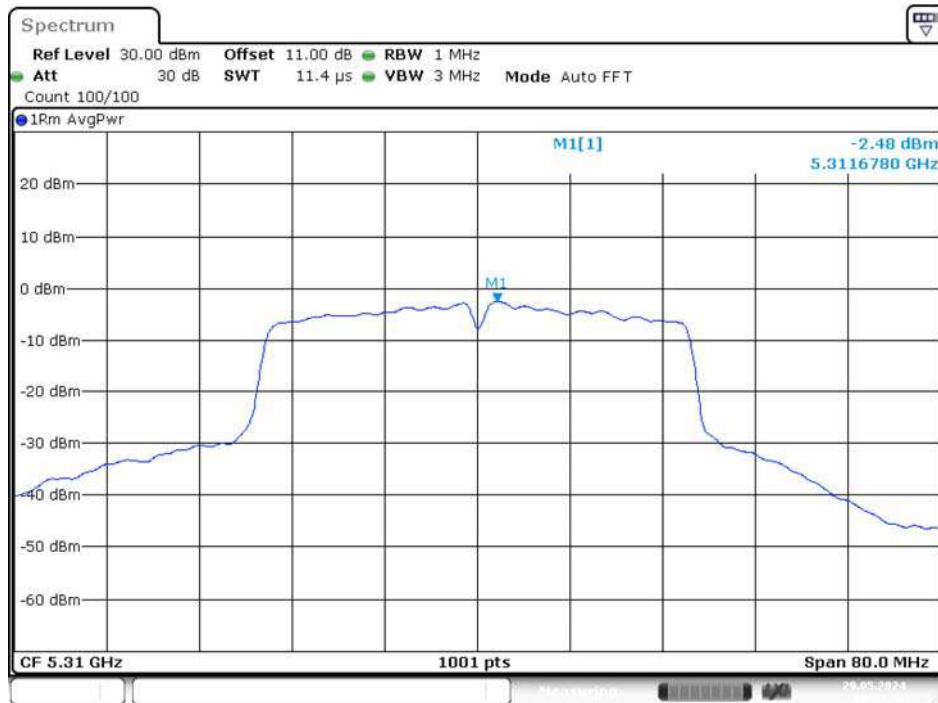
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 28.MAY.2024 17:59:25

5310MHz



Date: 29.MAY.2024 09:23:16

IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz

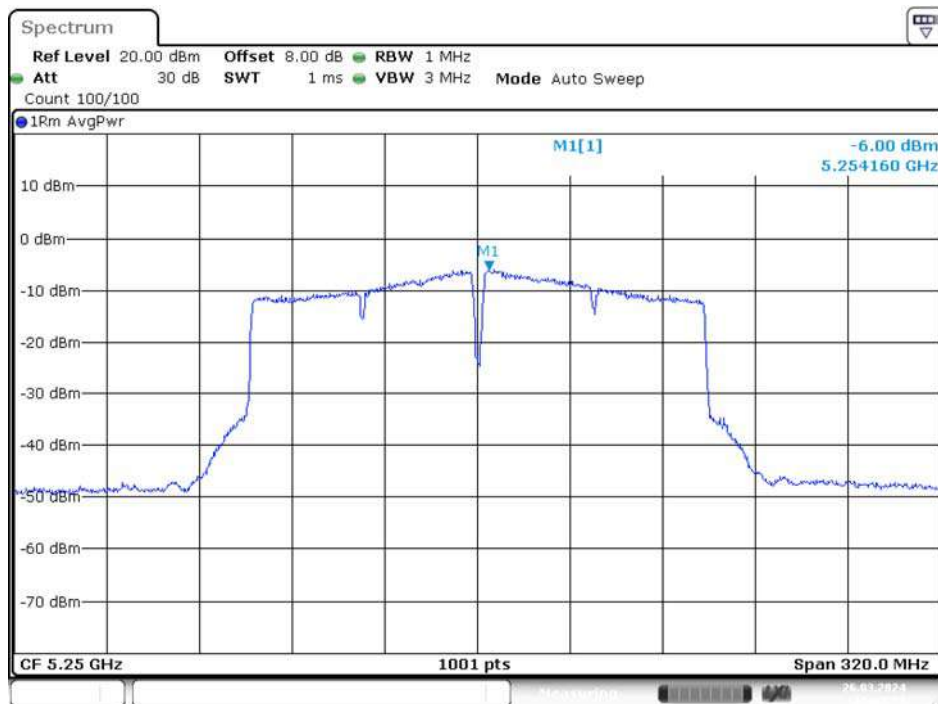
5290MHz



Date: 29.MAY.2024 09:30:45

IEEE 802.11ac VHT160 Mode / 5250 ~ 5350MHz

5250MHz



Date: 26.MAR.2024 15:03:27

5320MHz



Date: 29.MAY.2024 09:45:51

IEEE 802.11ax HE40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 29.MAY.2024 10:06:31

5310MHz



Date: 29.MAY.2024 10:10:44

IEEE 802.11ax HE80 Mode / 5250 ~ 5350MHz

5290MHz



Date: 29.MAY.2024 11:02:02

IEEE 802.11ax HE160 Mode / 5250 ~ 5350MHz

5250MHz

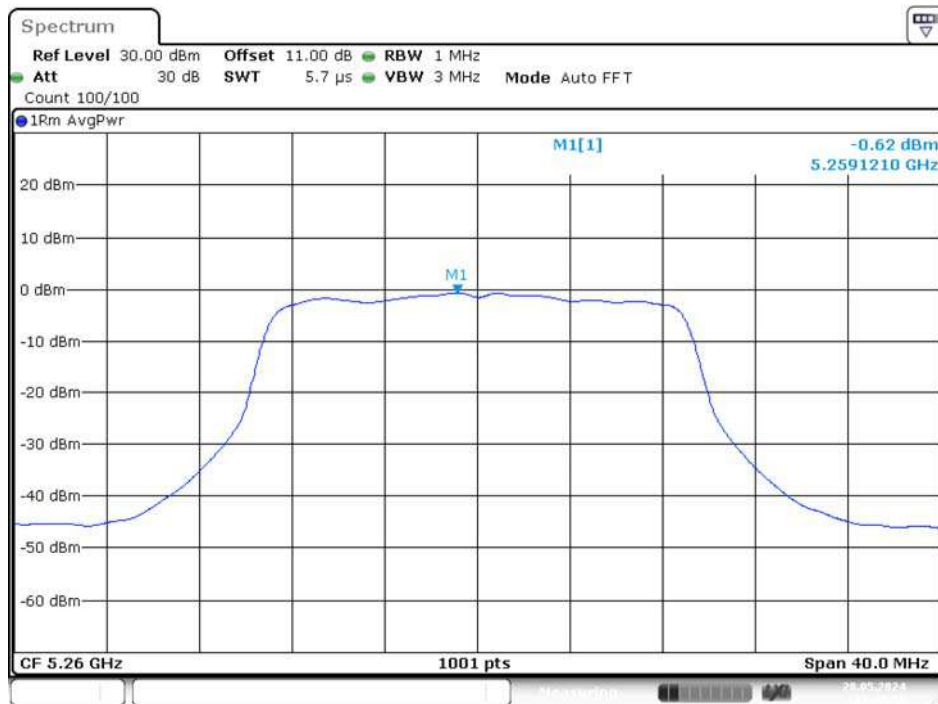


Date: 26.MAR.2024 14:59:05

Chain 2

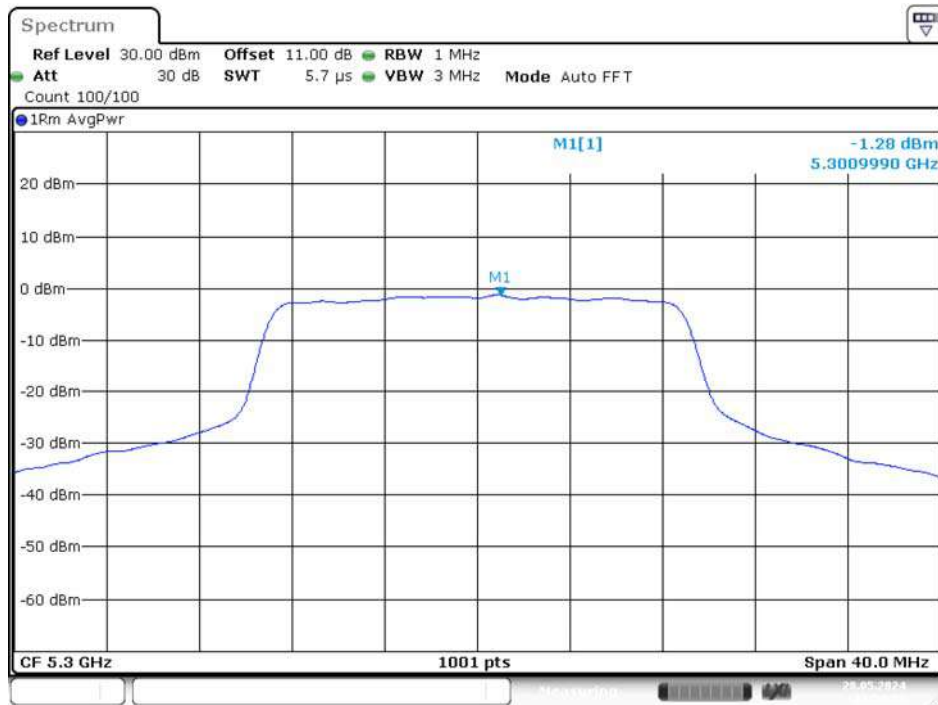
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 28.MAY.2024 17:47:54

5300MHz



Date: 28.MAY.2024 17:50:23

5320MHz



Date: 28.MAY.2024 17:52:05

IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 28.MAY.2024 17:59:36

5310MHz



Date: 29.MAY.2024 09:23:27

IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz

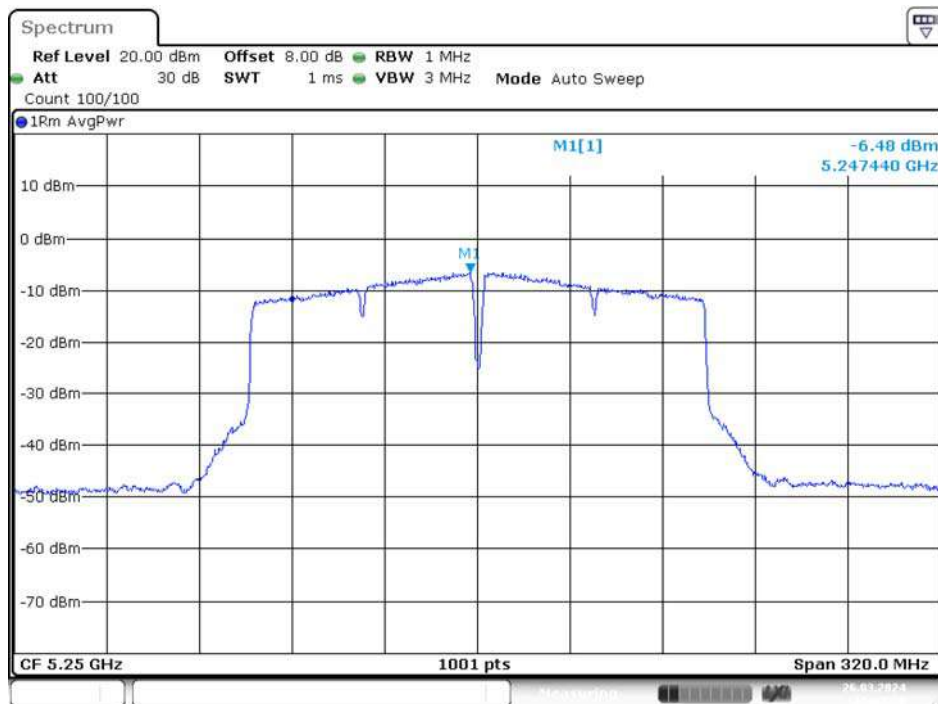
5290MHz



Date: 29.MAY.2024 09:30:26

IEEE 802.11ac VHT160 Mode / 5250 ~ 5350MHz

5250MHz



Date: 26.MAR.2024 15:03:37

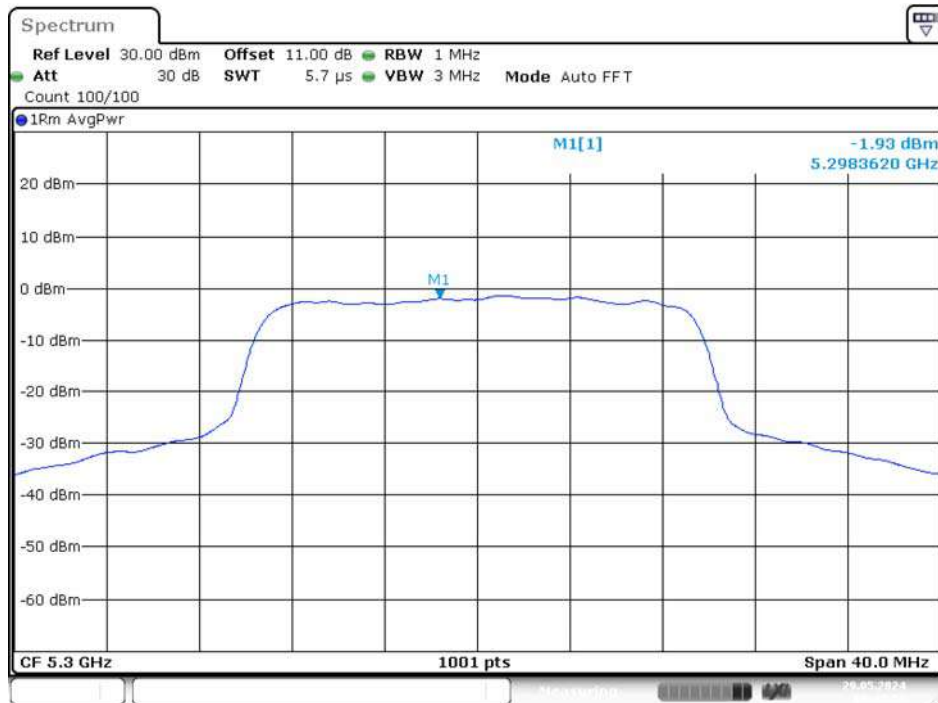
IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz

5260MHz



Date: 29.MAY.2024 09:40:48

5300MHz



Date: 29.MAY.2024 09:42:55

5320MHz



Date: 29.MAY.2024 09:46:00

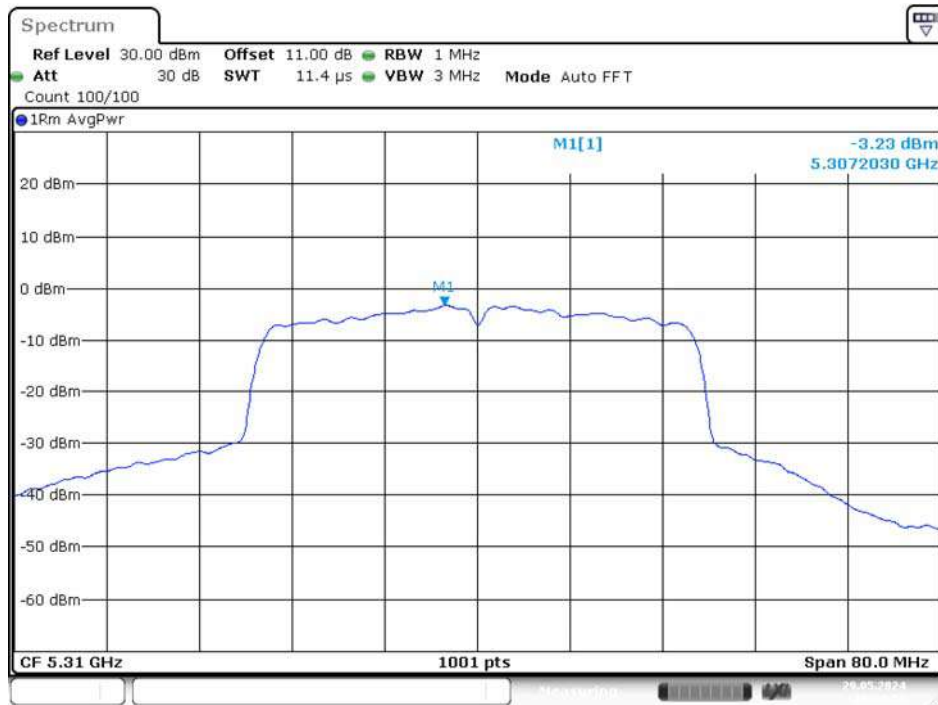
IEEE 802.11ax HE40 Mode / 5250 ~ 5350MHz

5270MHz



Date: 29.MAY.2024 10:06:17

5310MHz



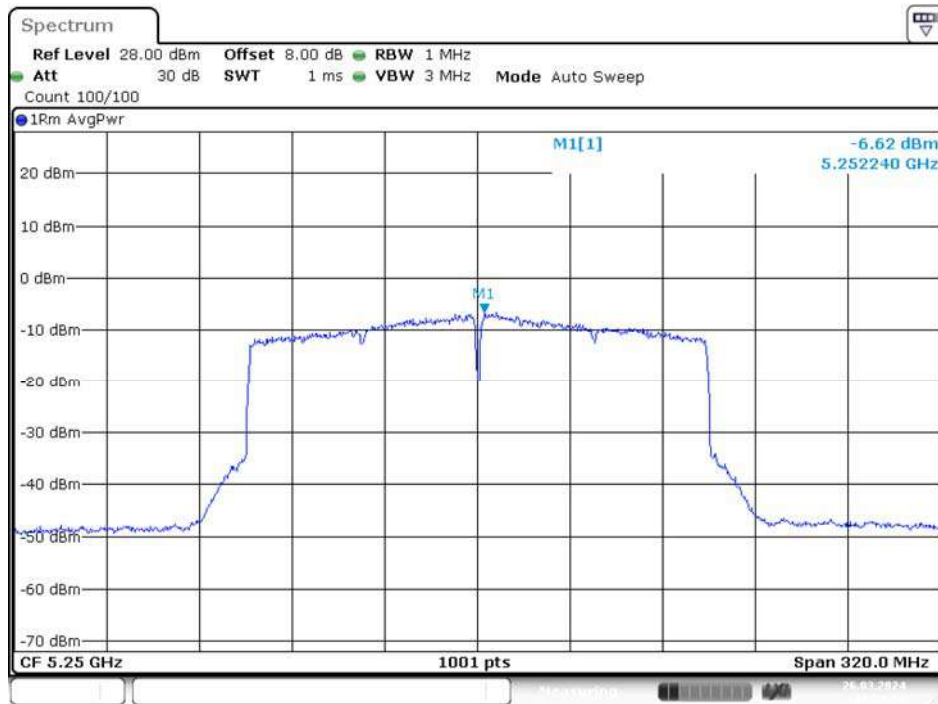
IEEE 802.11ax HE80 Mode / 5250 ~ 5350MHz

5290MHz



IEEE 802.11ax HE160 Mode / 5250 ~ 5350MHz

5250MHz



Date: 26.MAR.2024 14:59:15

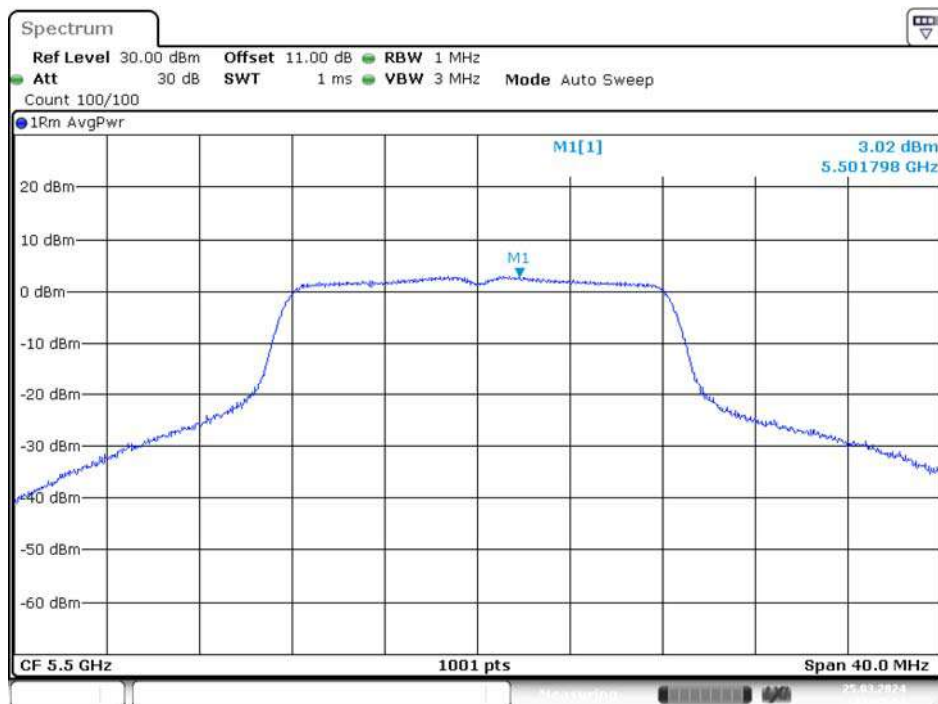
UNII-2C Band III / PSD

Non Beamforming Mode:

Chain 0

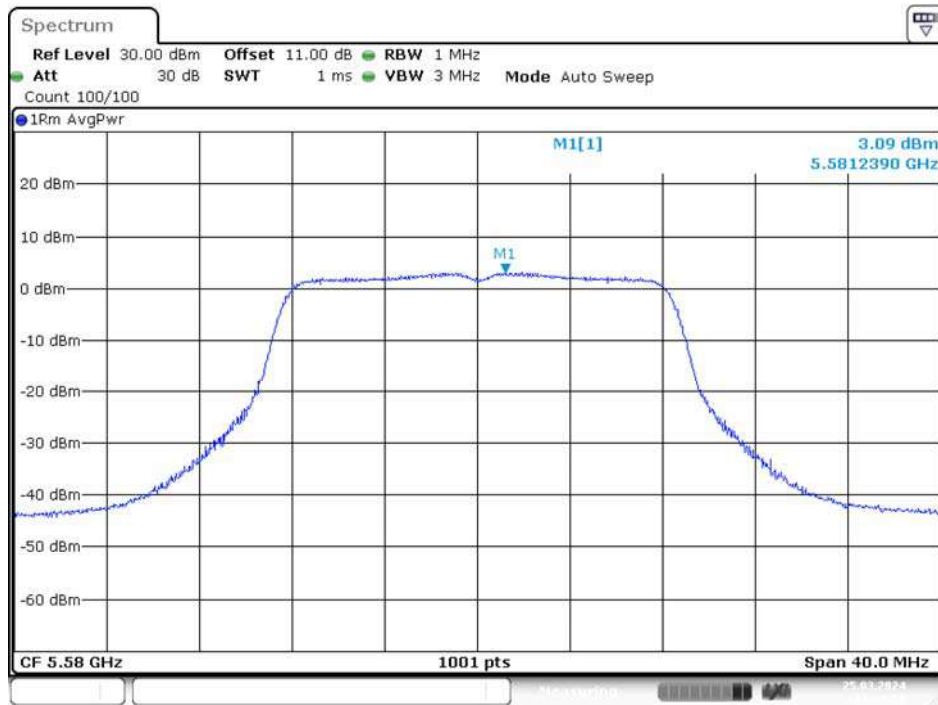
IEEE 802.11a Mode / 5470 ~ 5725MHz

5500MHz



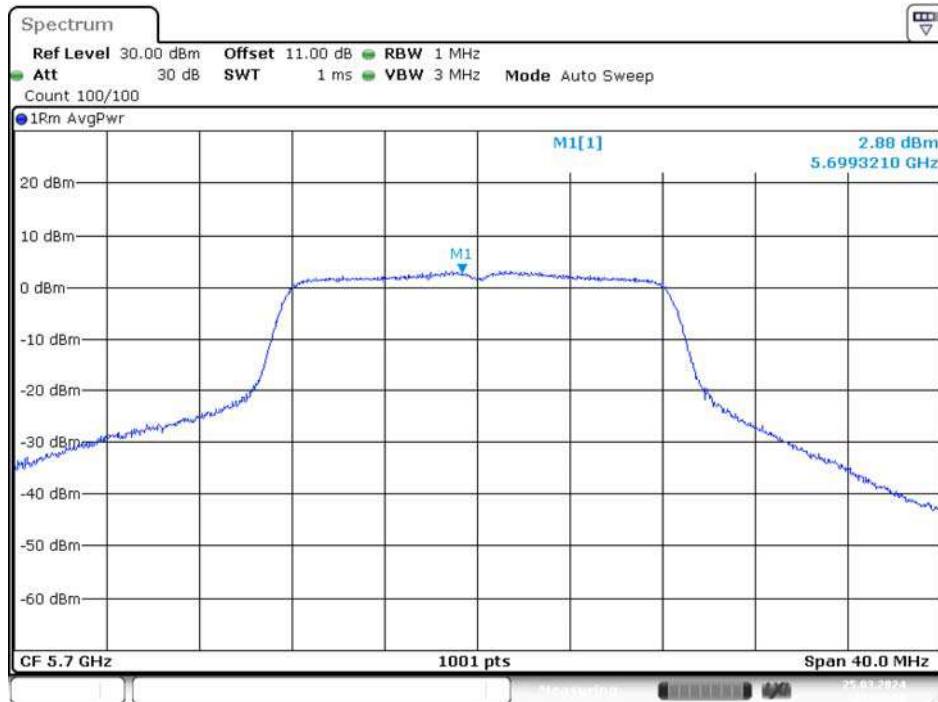
Date: 25.MAR.2024 12:05:44

5580MHz



Date: 25.MAR.2024 12:09:51

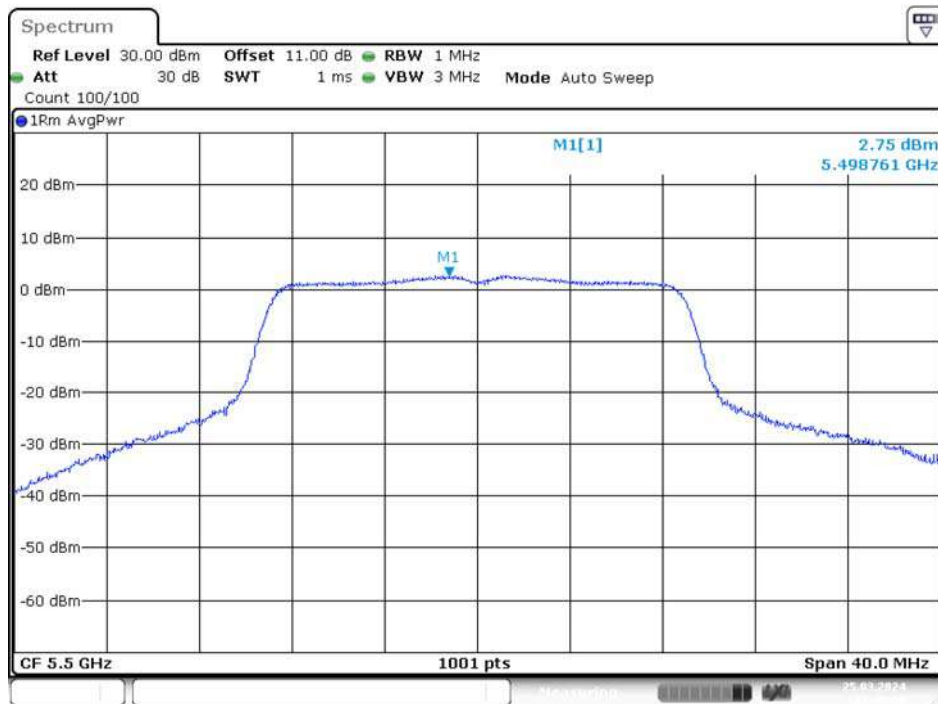
5700MHz



Date: 25.MAR.2024 12:17:17

IEEE 802.11ac VHT20 Mode / 5470 ~ 5725MHz

5500MHz



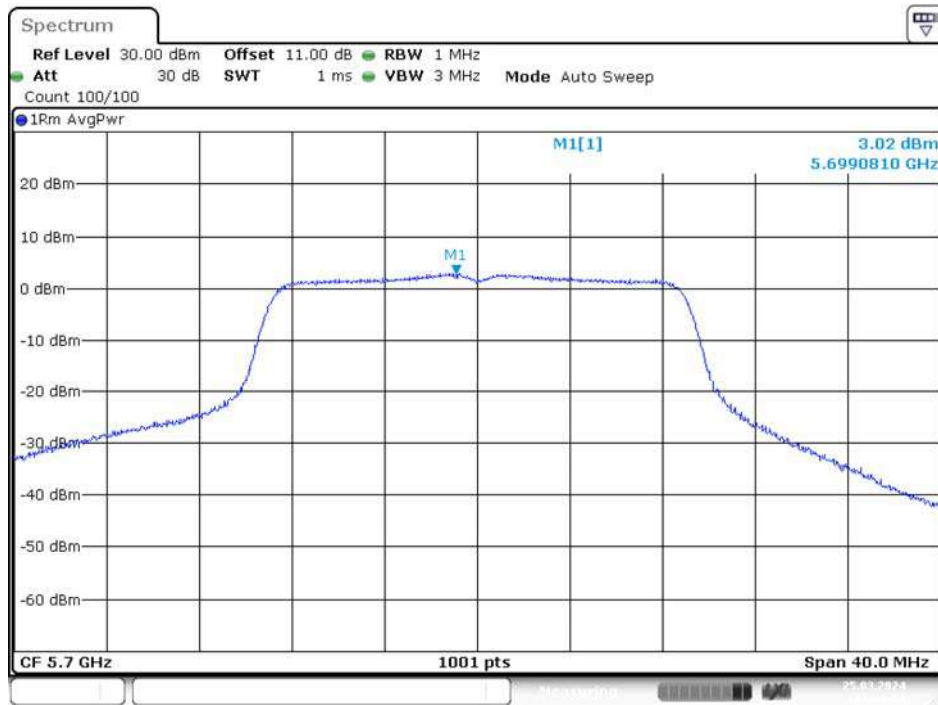
Date: 25.MAR.2024 12:46:49

5580MHz



Date: 25.MAR.2024 12:59:28

5700MHz



Date: 25.MAR.2024 13:04:07

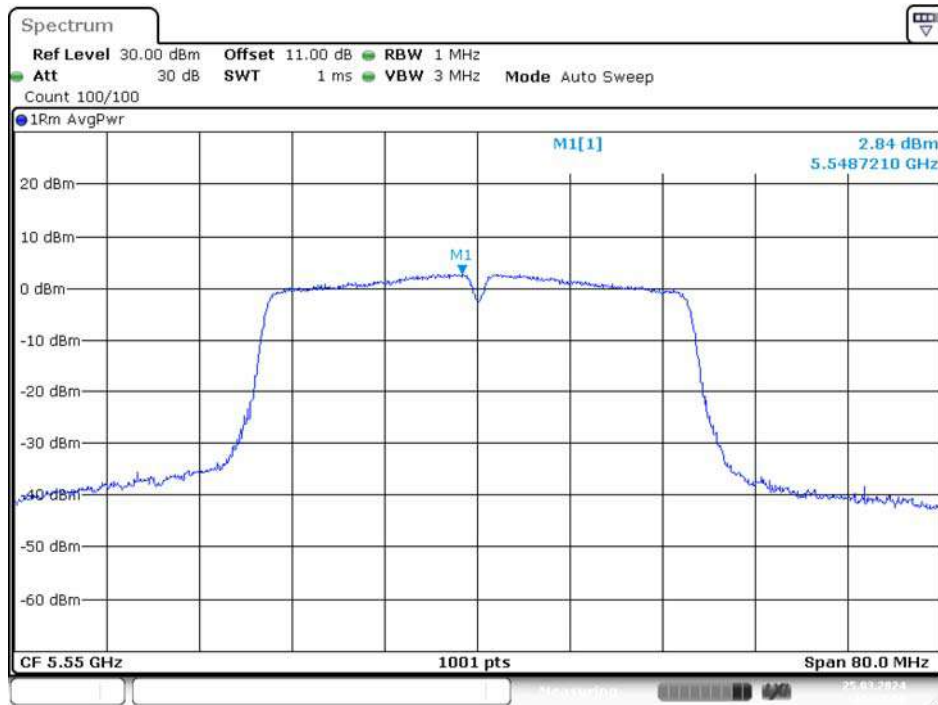
IEEE 802.11ac VHT40 Mode / 5470 ~ 5725MHz

5510MHz



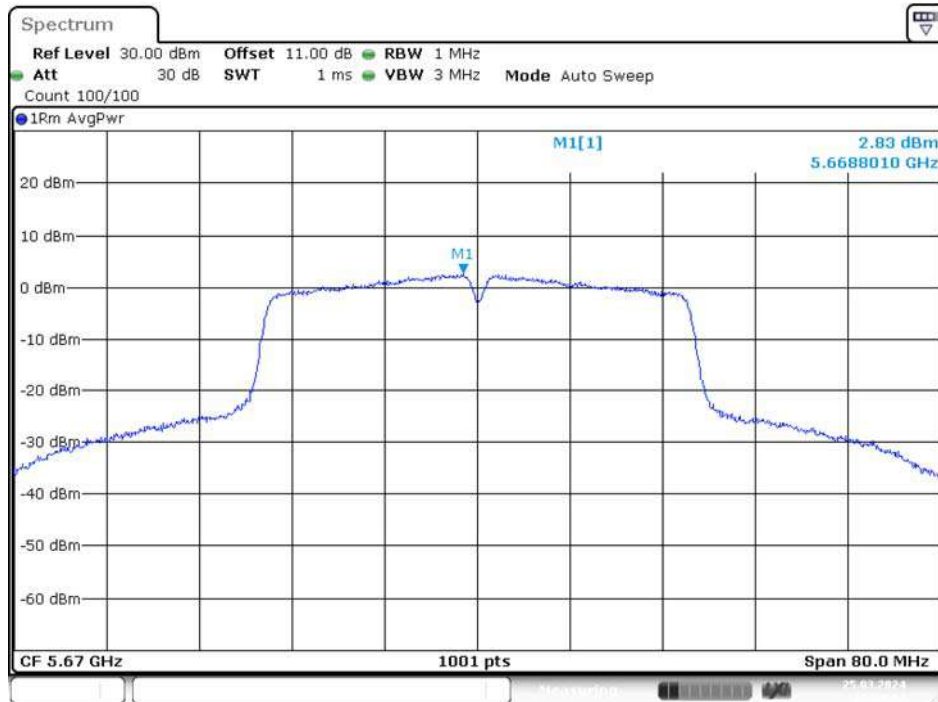
Date: 25.MAR.2024 15:05:23

5550MHz



Date: 25.MAR.2024 15:11:08

5670MHz



Date: 25.MAR.2024 15:18:44

IEEE 802.11ac VHT80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 25.MAR.2024 16:21:15

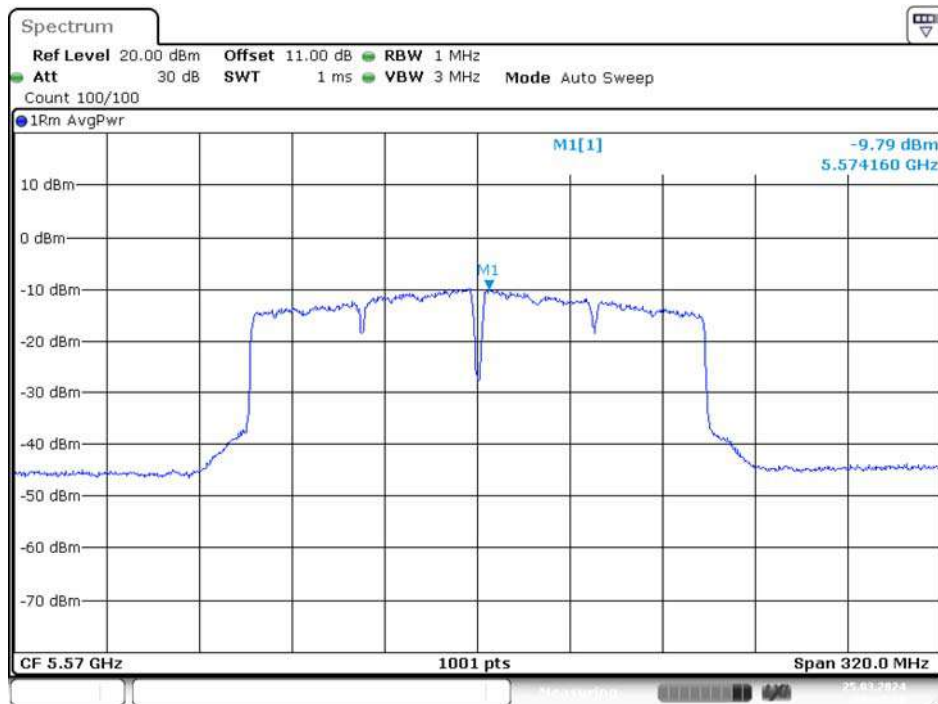
5610MHz



Date: 25.MAR.2024 16:15:37

IEEE 802.11ac VHT160 Mode / 5470 ~ 5725MHz

5570MHz



Date: 25.MAR.2024 20:07:20

IEEE 802.11ax HE20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 25.MAR.2024 17:01:15

5580MHz



Date: 25.MAR.2024 17:06:11

5700MHz



Date: 25.MAR.2024 17:11:15

IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz

5510MHz



Date: 25.MAR.2024 17:50:02

5550MHz



Date: 25.MAR.2024 18:52:57

5670MHz



Date: 25.MAR.2024 18:55:15

IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 25.MAR.2024 19:18:49

5610MHz



Date: 25.MAR.2024 19:24:05

IEEE 802.11ax HE160 Mode / 5470 ~ 5725MHz

5570MHz



Date: 25.MAR.2024 20:11:15

Chain 1

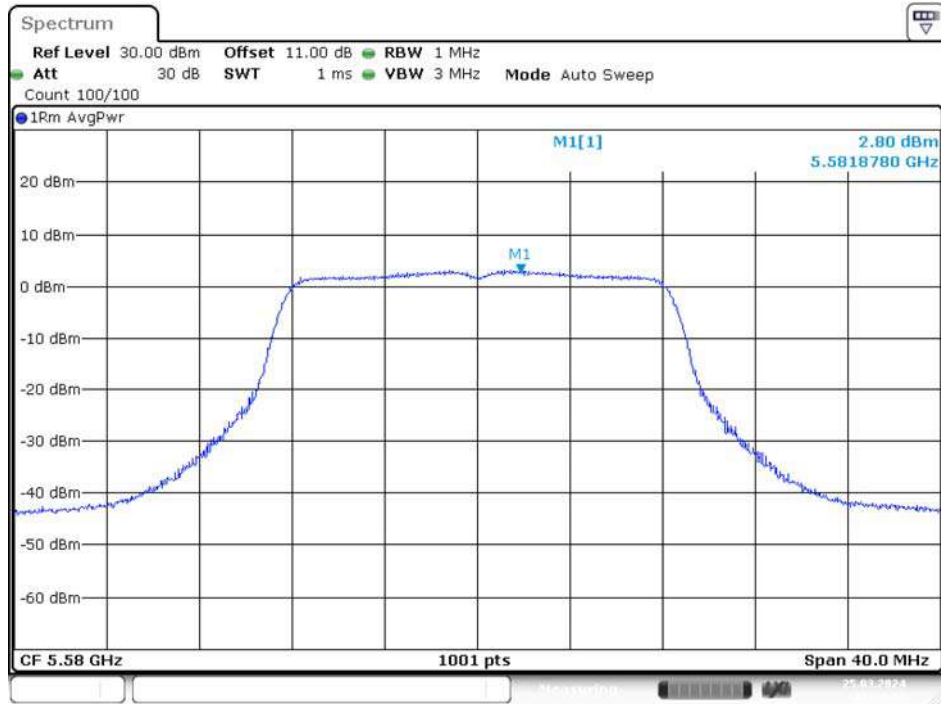
IEEE 802.11a Mode / 5470 ~ 5725MHz

5500MHz



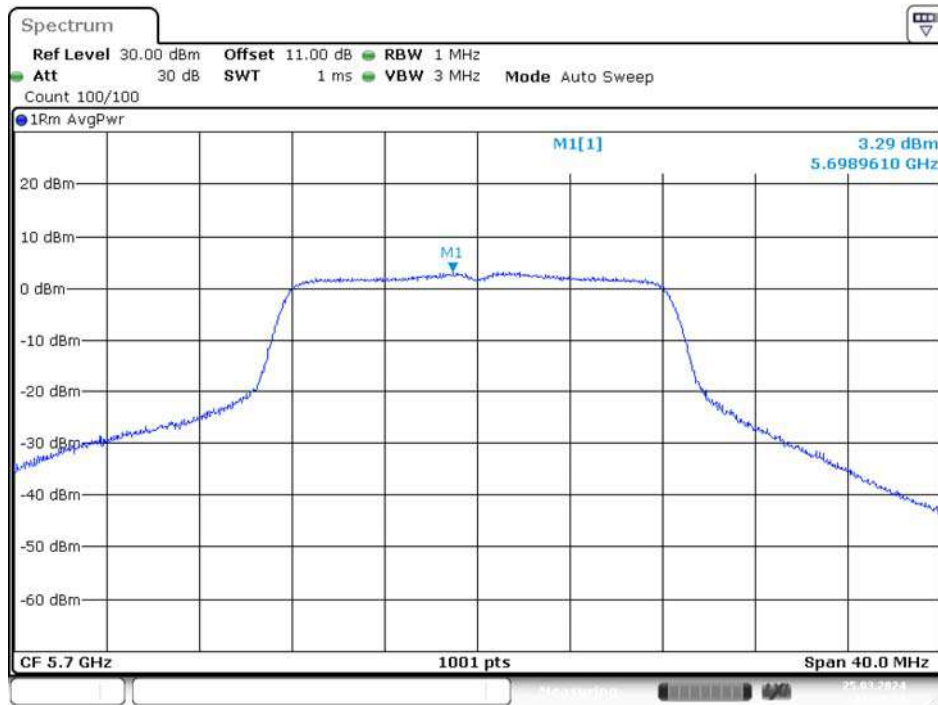
Date: 25.MAR.2024 12:06:51

5580MHz



Date: 25.MAR.2024 12:14:13

5700MHz



Date: 25.MAR.2024 12:19:37

IEEE 802.11ac VHT20 Mode / 5470 ~ 5725MHz

5500MHz



Date: 25.MAR.2024 12:48:16

5580MHz



Date: 25.MAR.2024 12:55:04

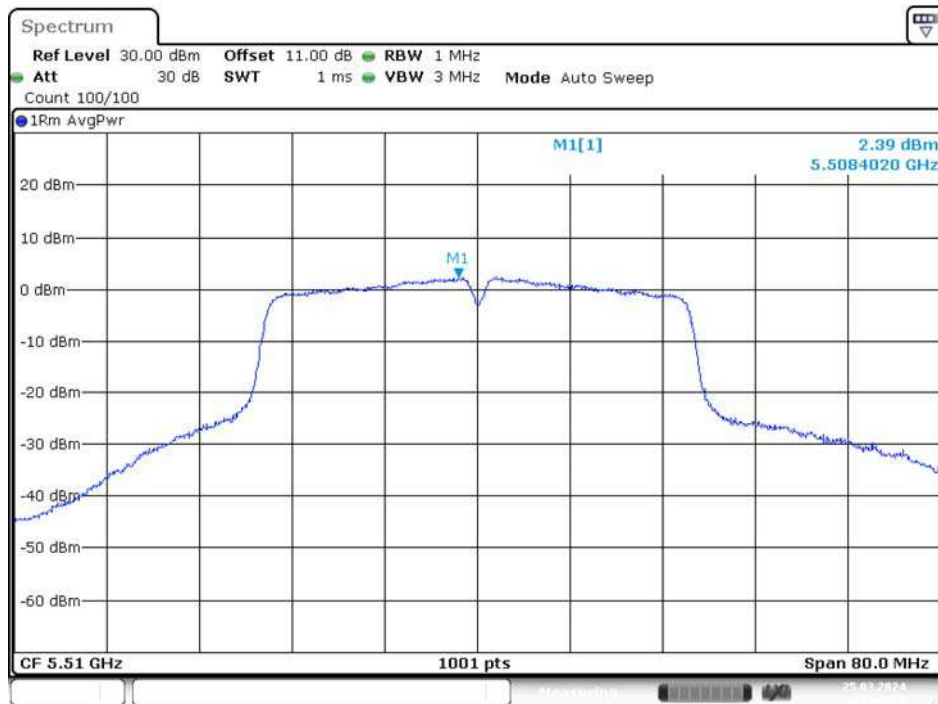
5700MHz



Date: 25.MAR.2024 14:16:19

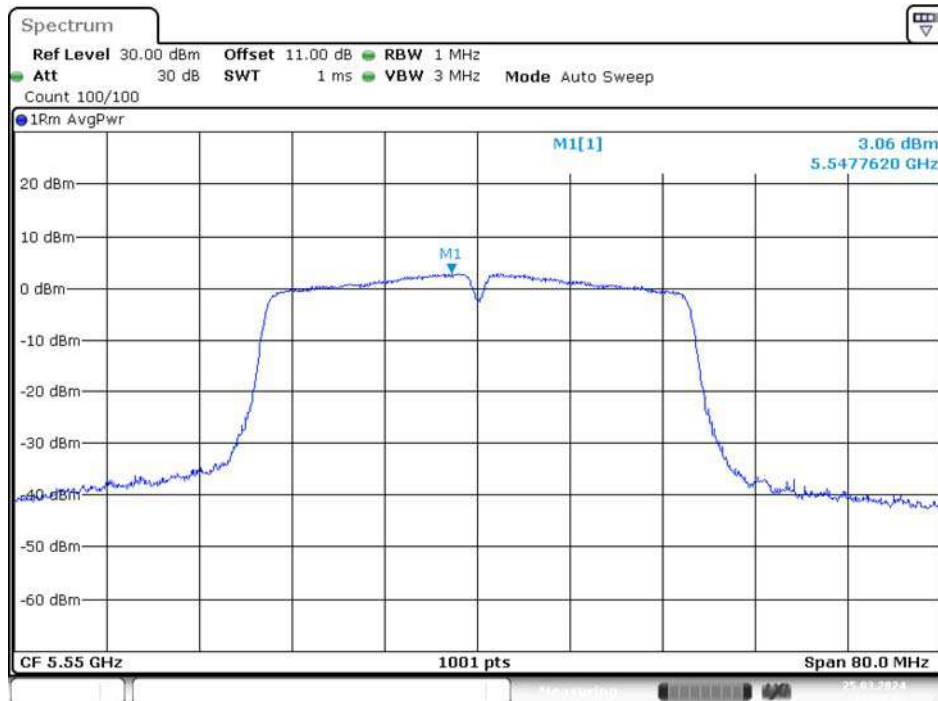
IEEE 802.11ac VHT40 Mode / 5470 ~ 5725MHz

5510MHz



Date: 25.MAR.2024 15:06:20

5550MHz



Date: 25.MAR.2024 15:13:32

5670MHz



Date: 25.MAR.2024 15:22:42

IEEE 802.11ac VHT80 Mode / 5470 ~ 5725MHz

5530MHz



Date: 25.MAR.2024 16:23:09