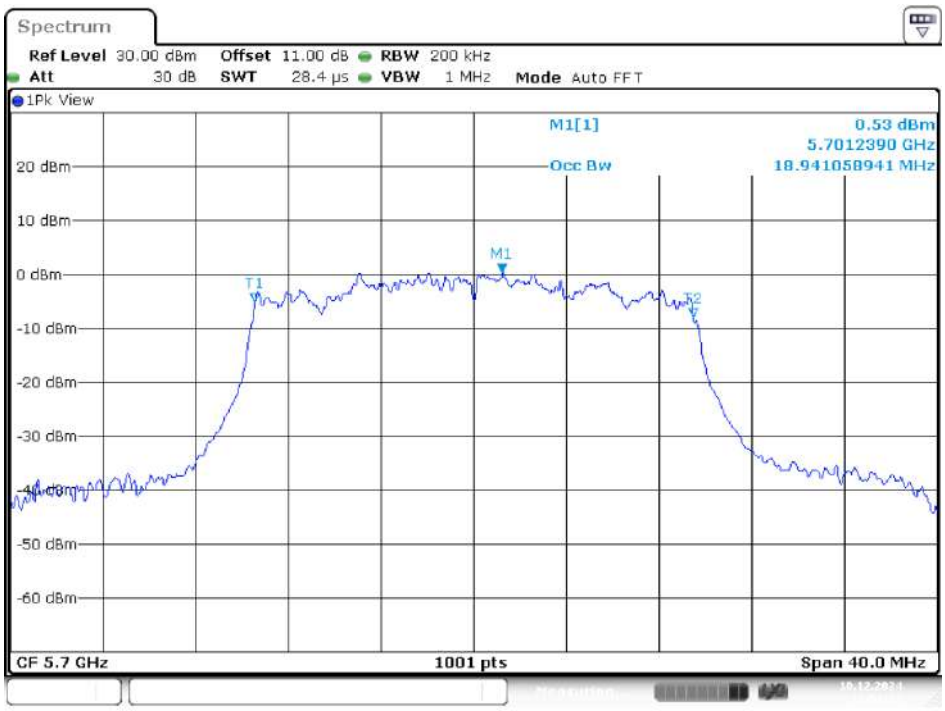
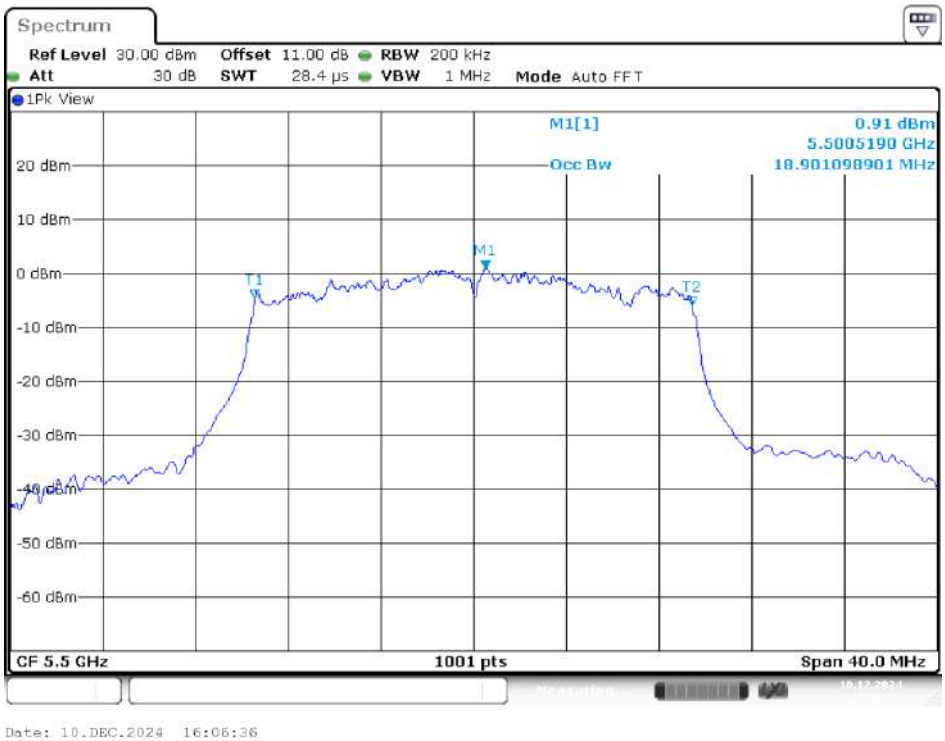
5700MHz

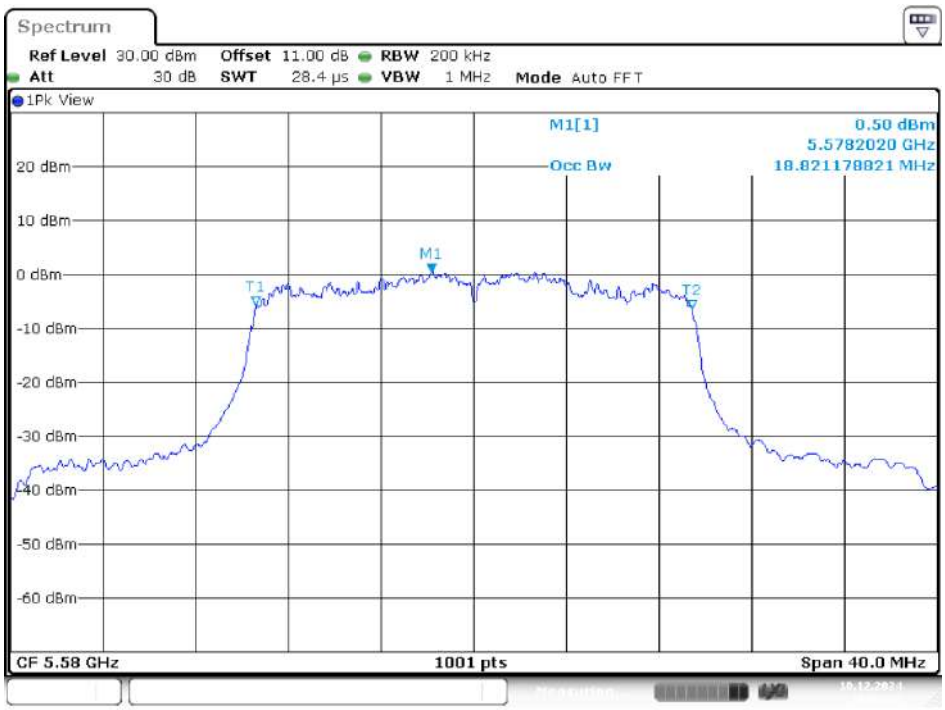


IEEE 802.11ax HE20 Mode / 5470 ~ 5725MHz (Chain 3)

5500MHz

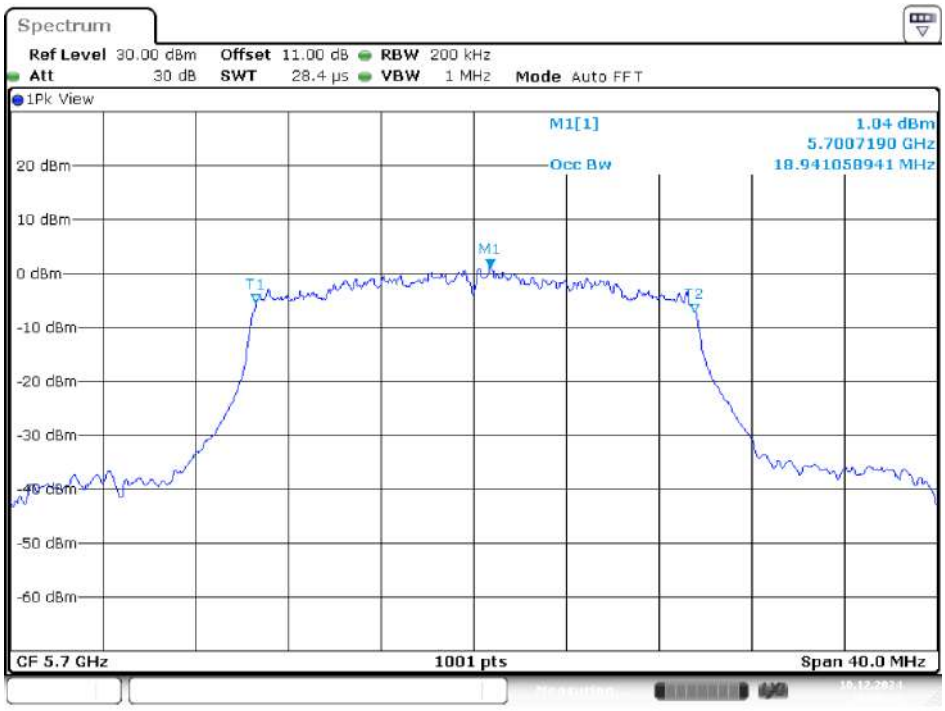


5580MHz



Date: 10.DEC.2024 16:07:37

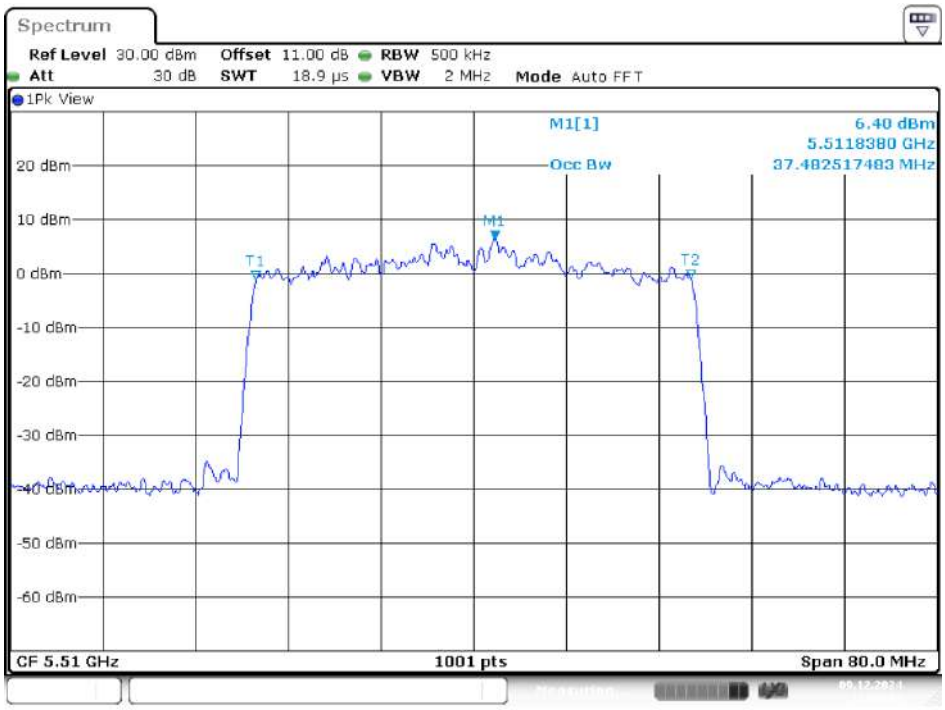
5700MHz



Date: 10.DEC.2024 16:08:35

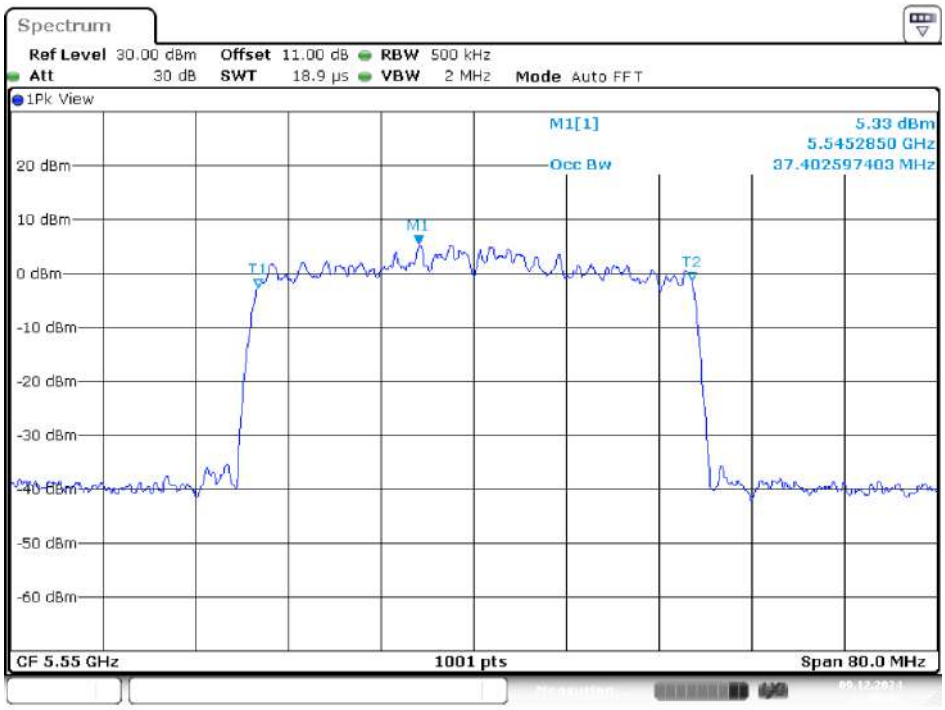
IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz (Chain 0)

5510MHz



Date: 9.DEC.2024 11:39:05

5550MHz



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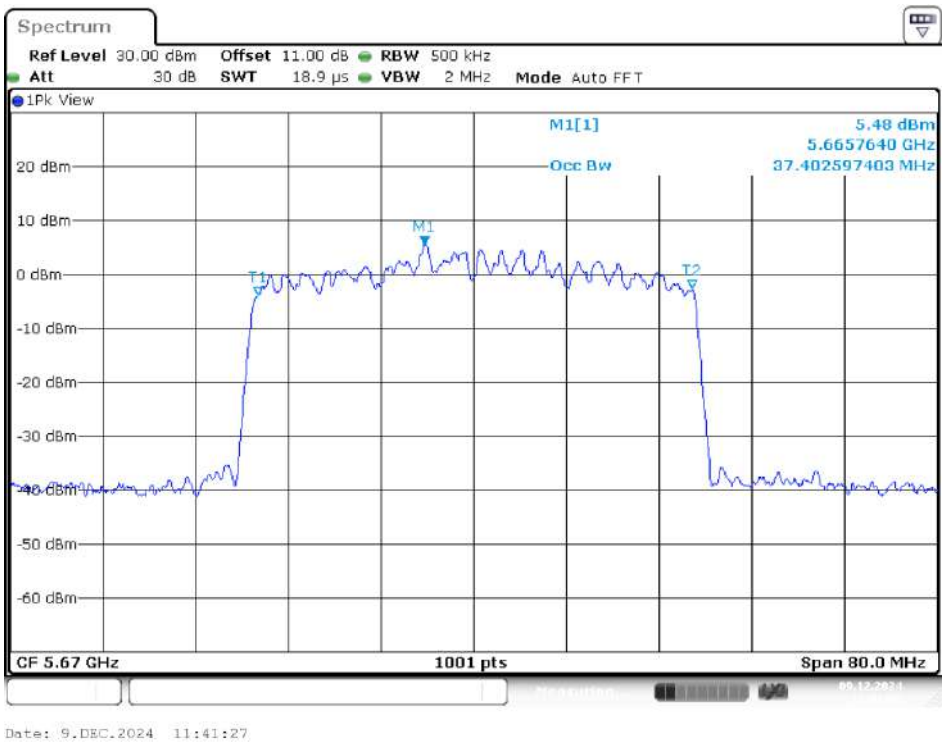
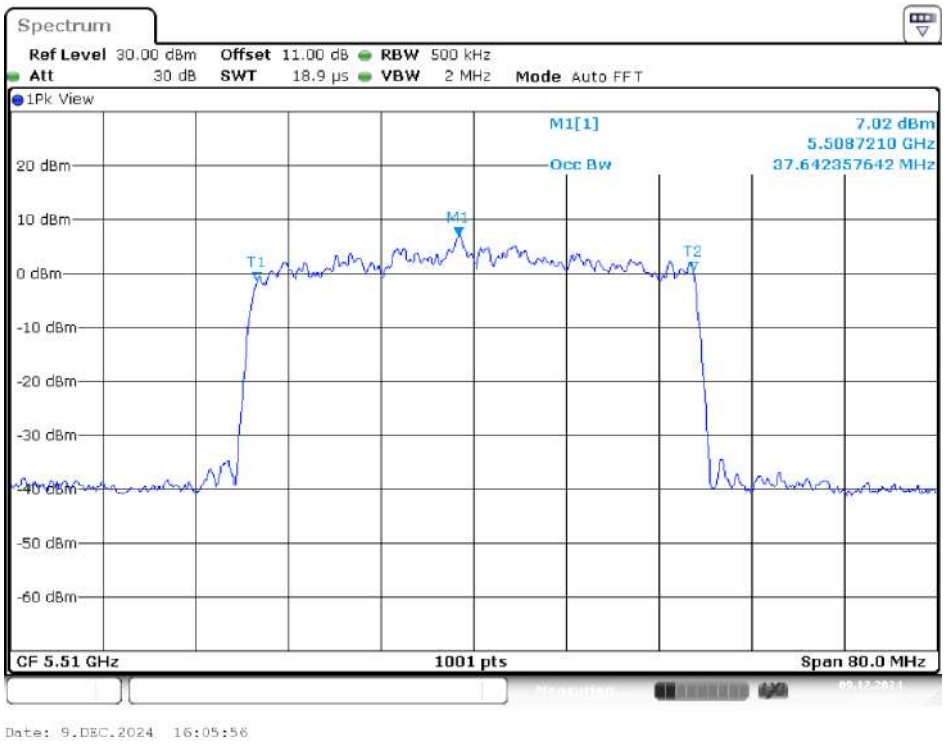
5670MHz

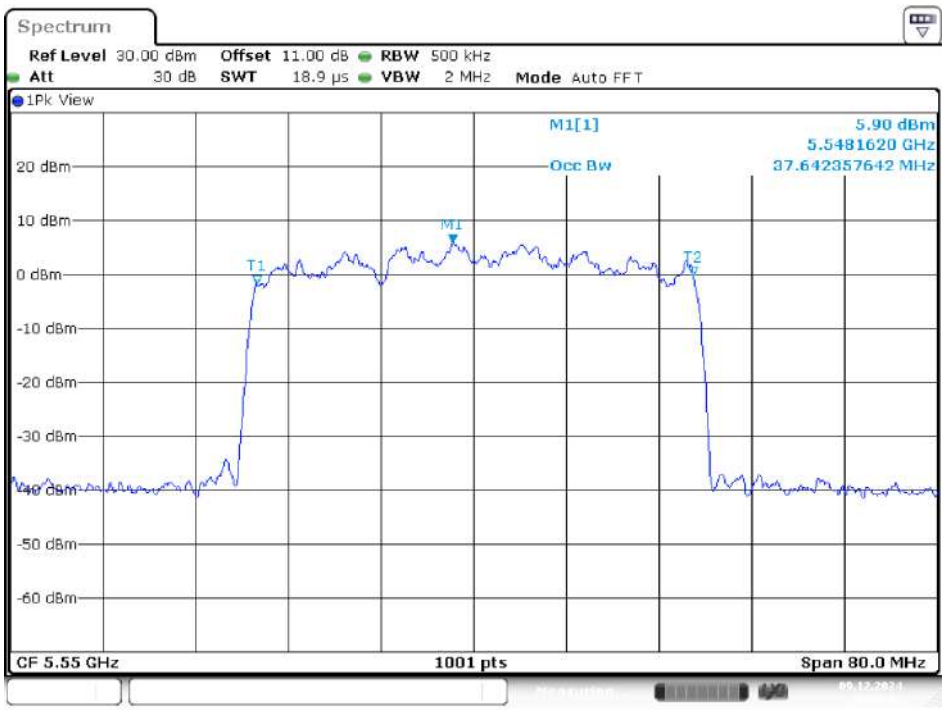


IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz (Chain 1)

5510MHz



5550MHz



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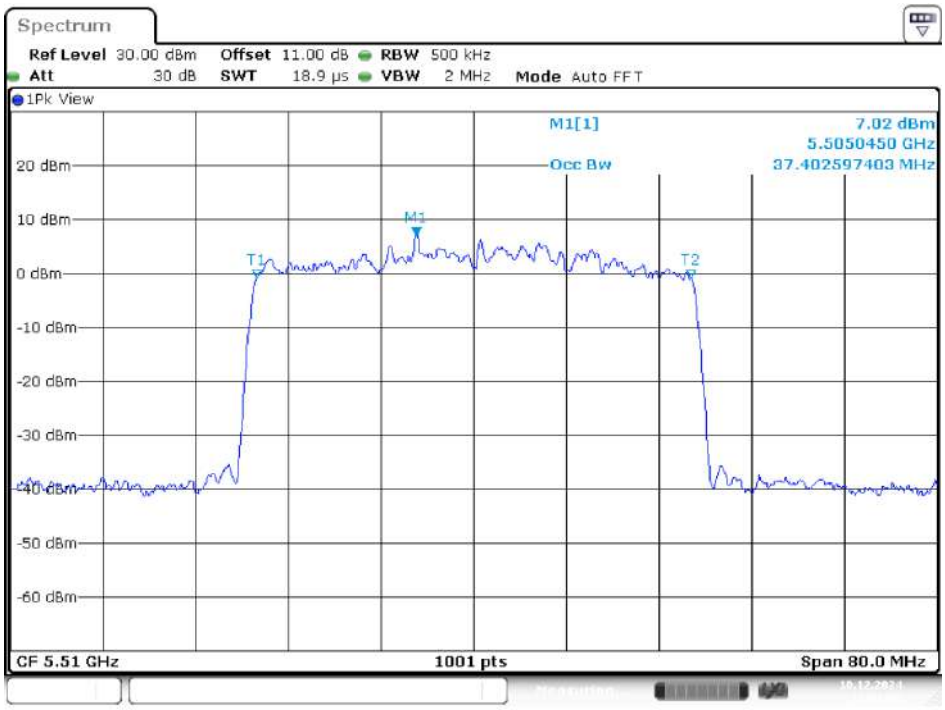
5670MHz

Date: 9.DEC.2024 16:08:01

IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz (Chain 2)

5510MHz



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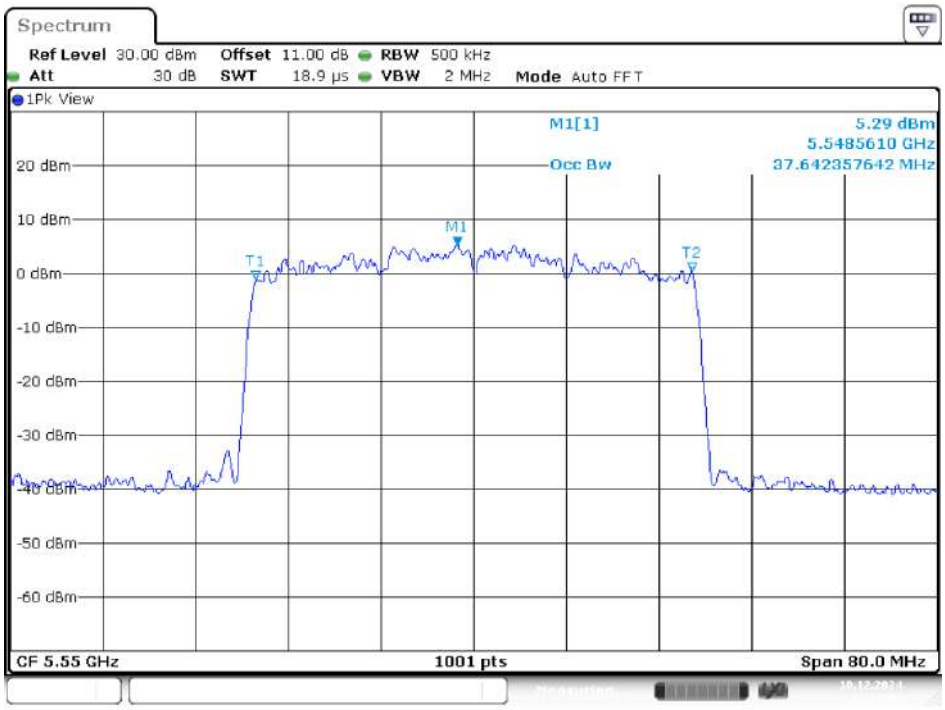
5550MHz



Date: 10.DEC.2024 13:17:45

5670MHz

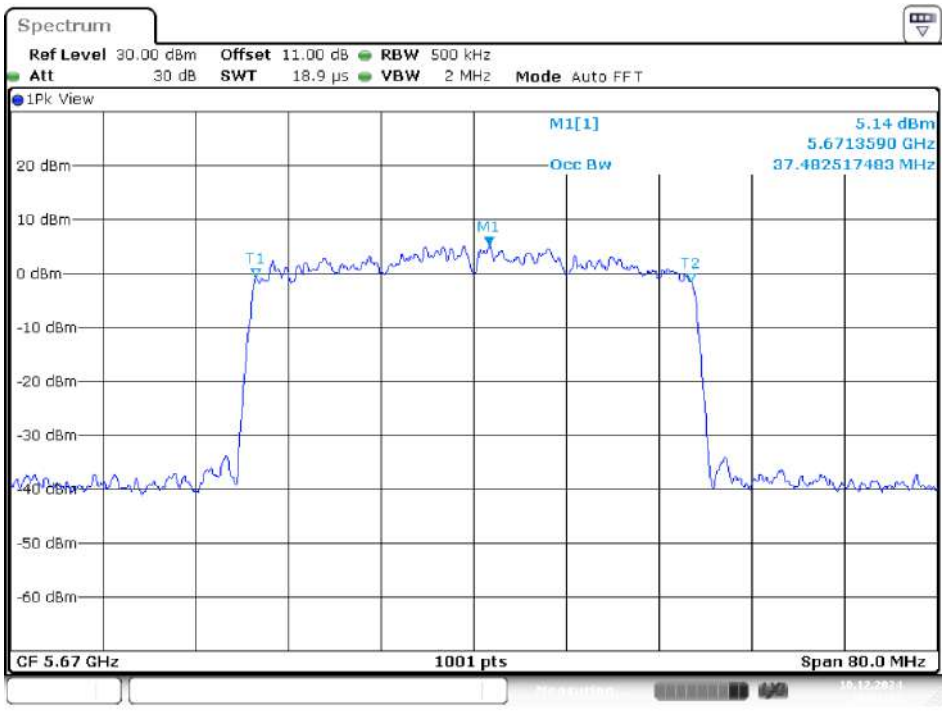
IEEE 802.11ax HE40 Mode / 5470 ~ 5725MHz (Chain 3)

5510MHz

5550MHz

Date: 10.DEC.2024 16:20:37

5670MHz



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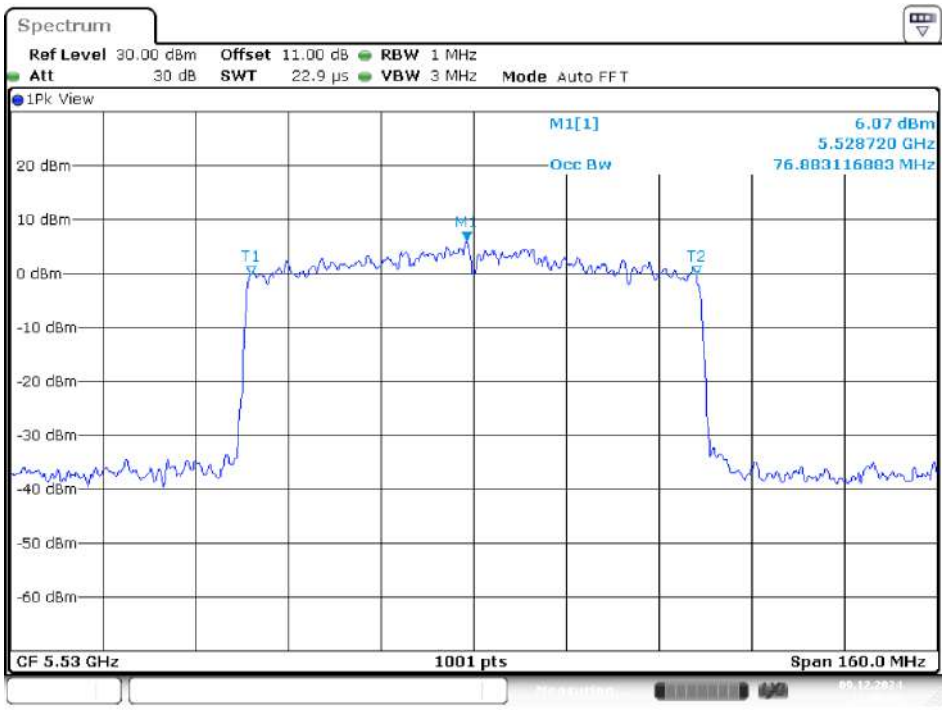
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz (Chain 0)

5530MHz



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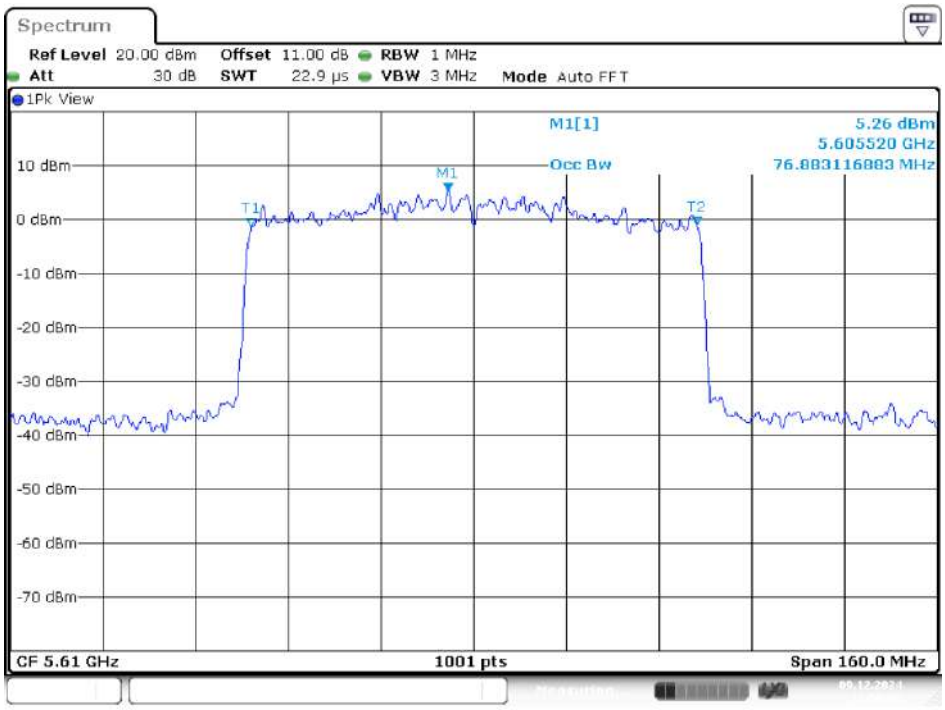
5610MHz



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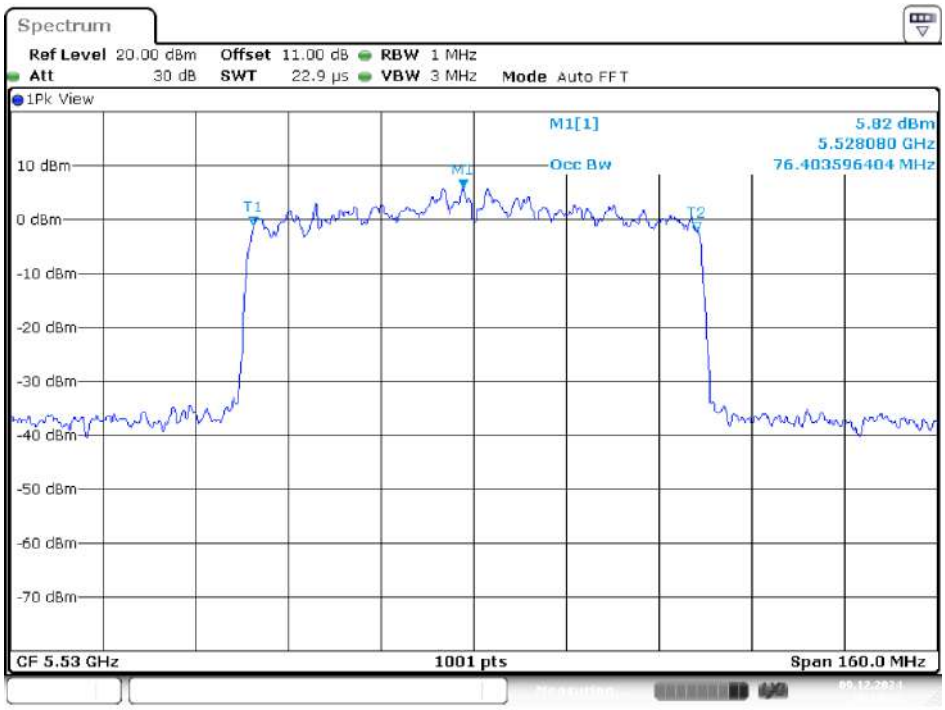
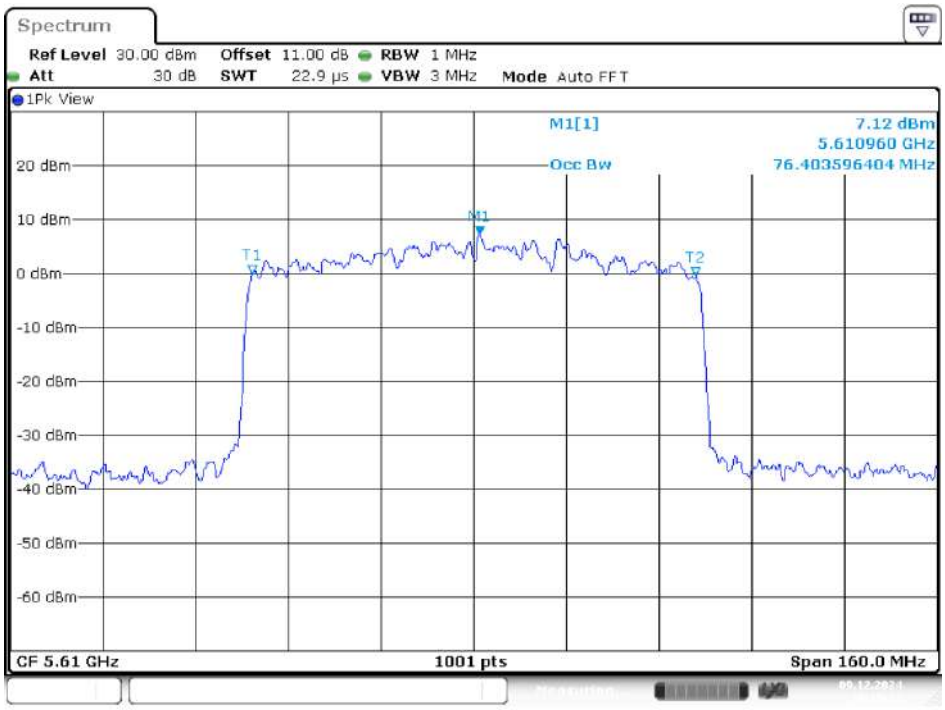
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz (Chain 1)

5530MHz



Date: 9.DEC.2024 16:14:11

5610MHz



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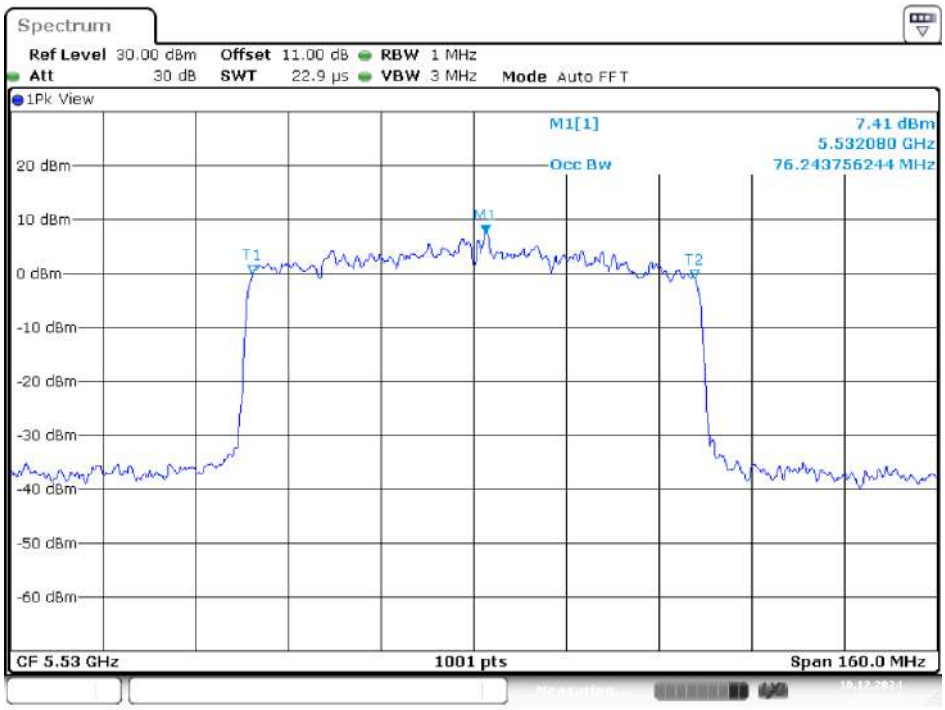
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz (Chain 2)

5530MHz



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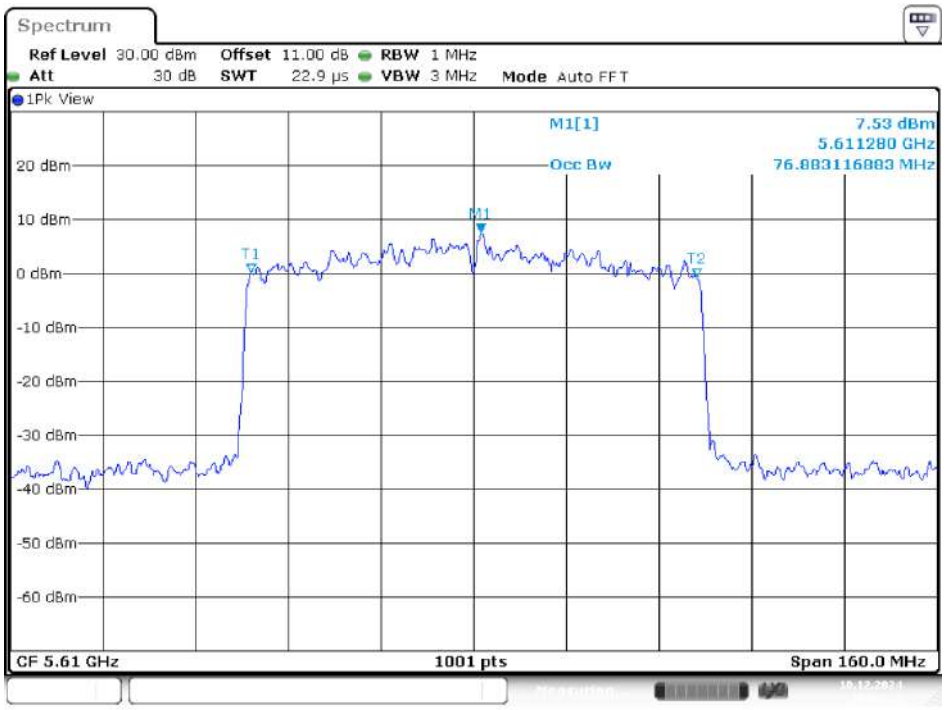
5610MHz



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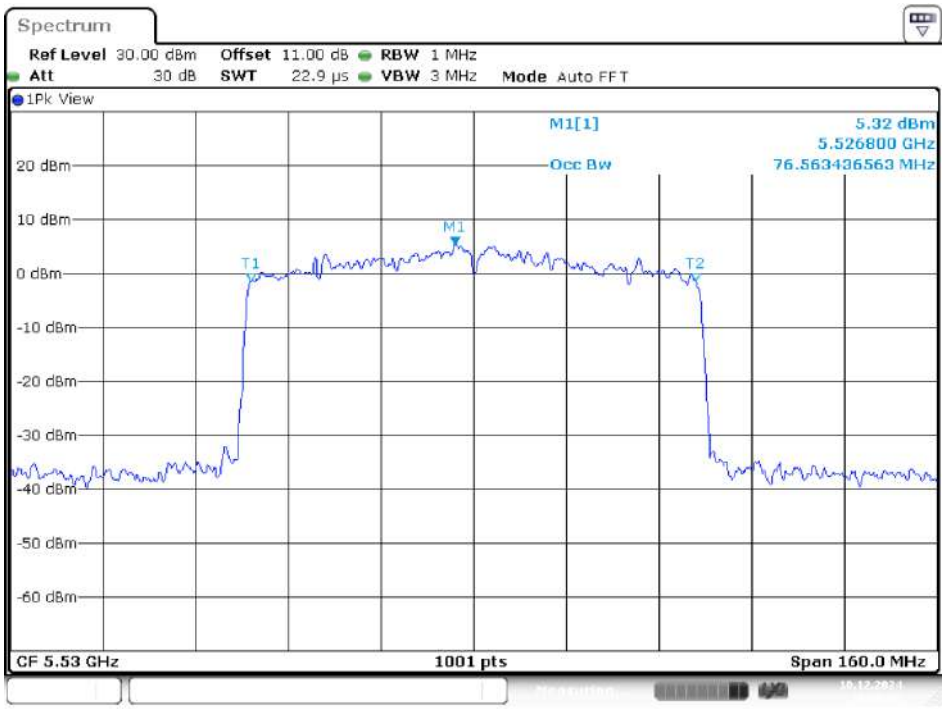
IEEE 802.11ax HE80 Mode / 5470 ~ 5725MHz (Chain 3)

5530MHz



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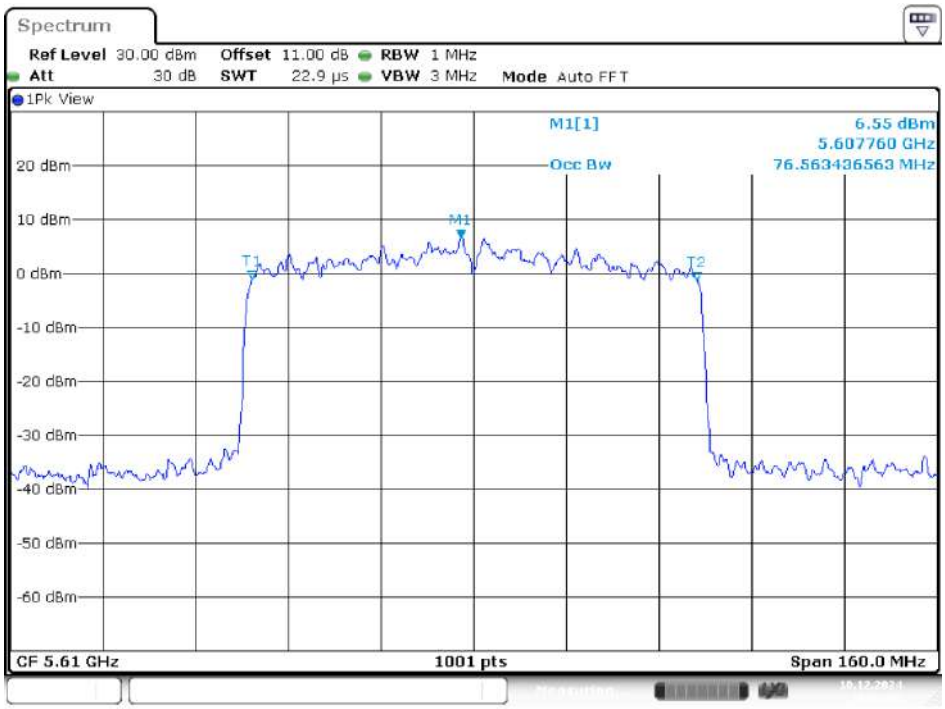
5610MHz



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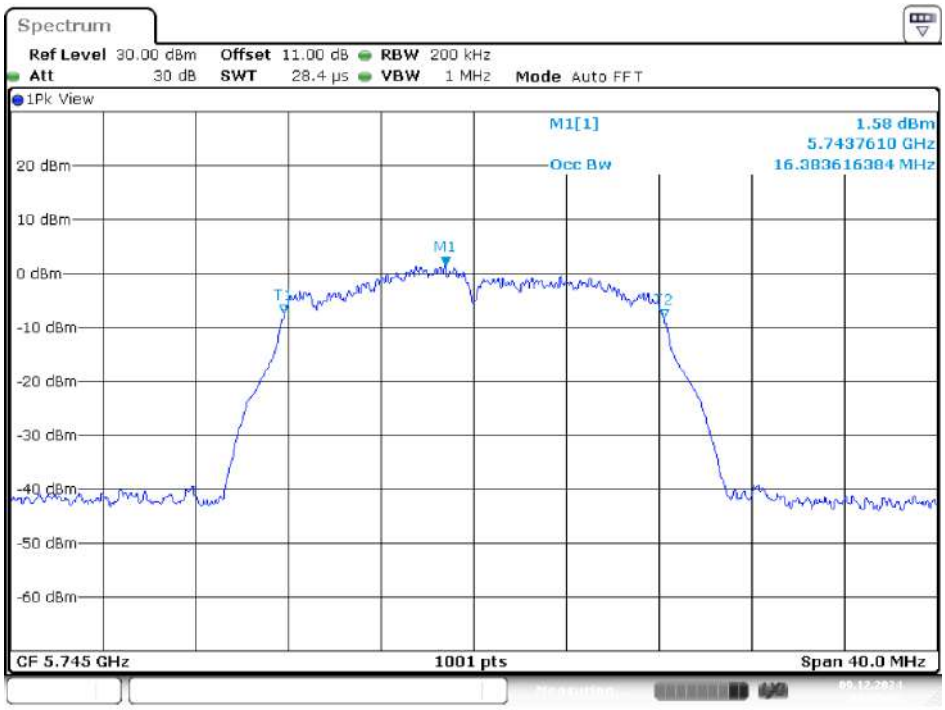
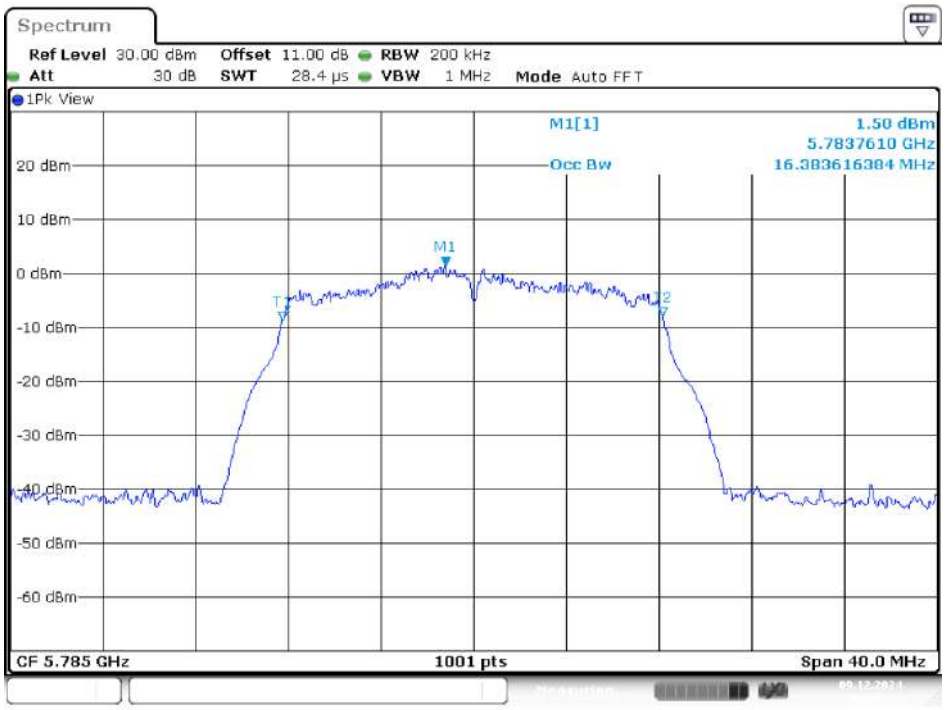
UNII-3 Band IV / OBW 99%

IEEE 802.11a Mode / 5725 ~ 5850MHz (Chain 0)

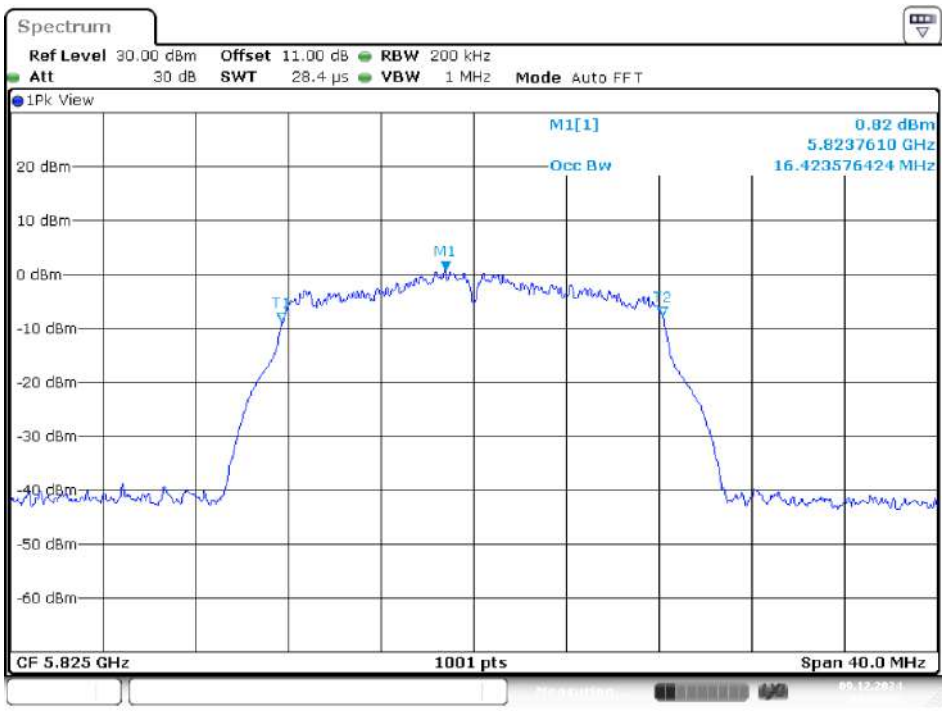
5745MHz



5785MHz



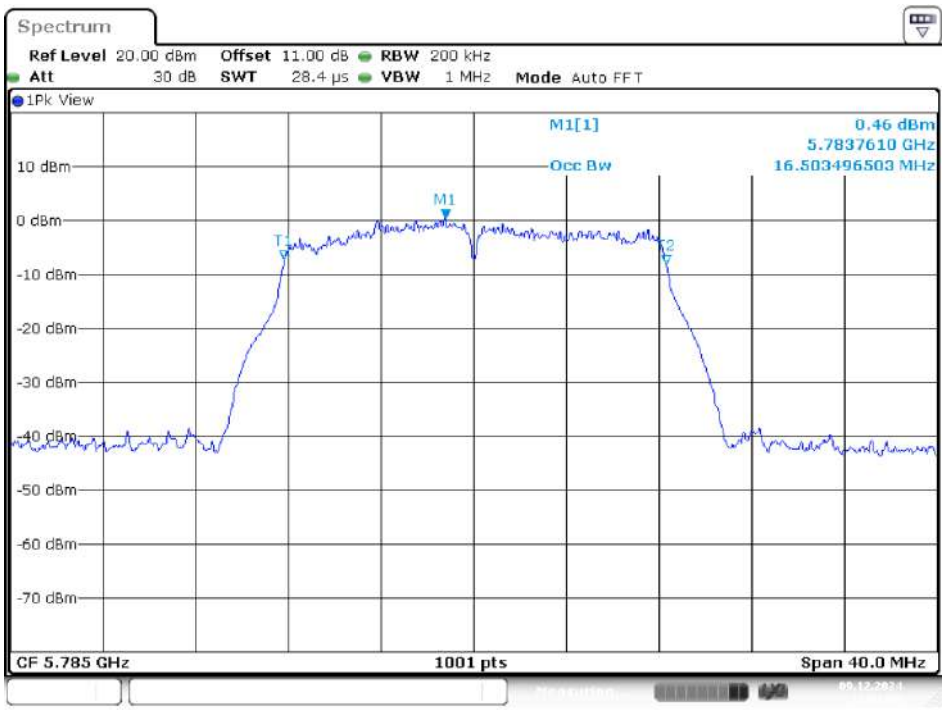
5825MHz



IEEE 802.11a Mode / 5725 ~ 5850MHz (Chain 1)

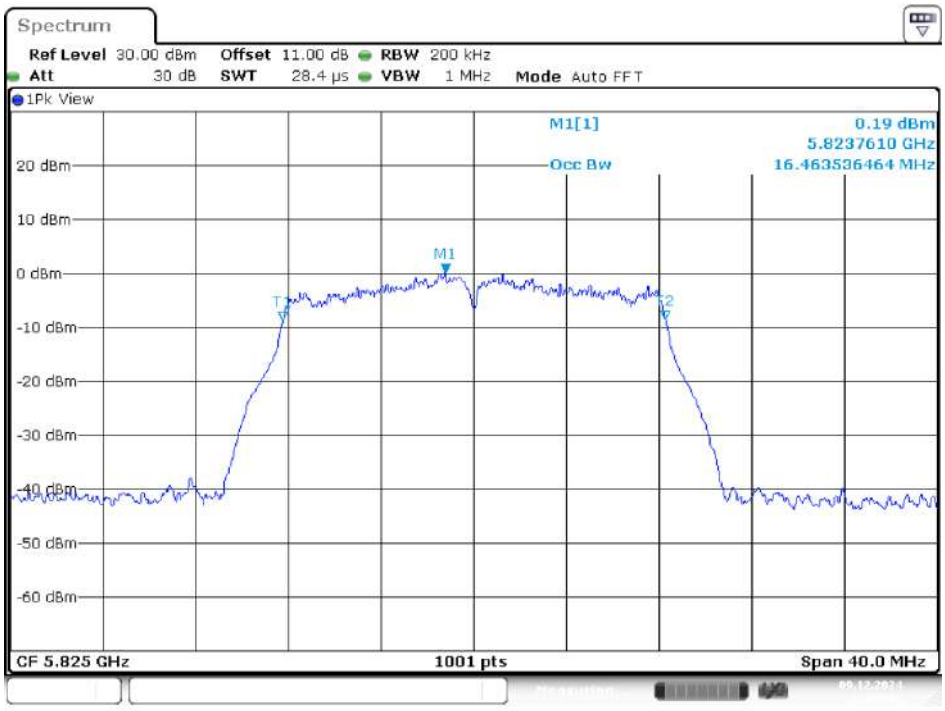
5745MHz

5785MHz



Date: 9.DEC.2024 13:31:59

5825MHz



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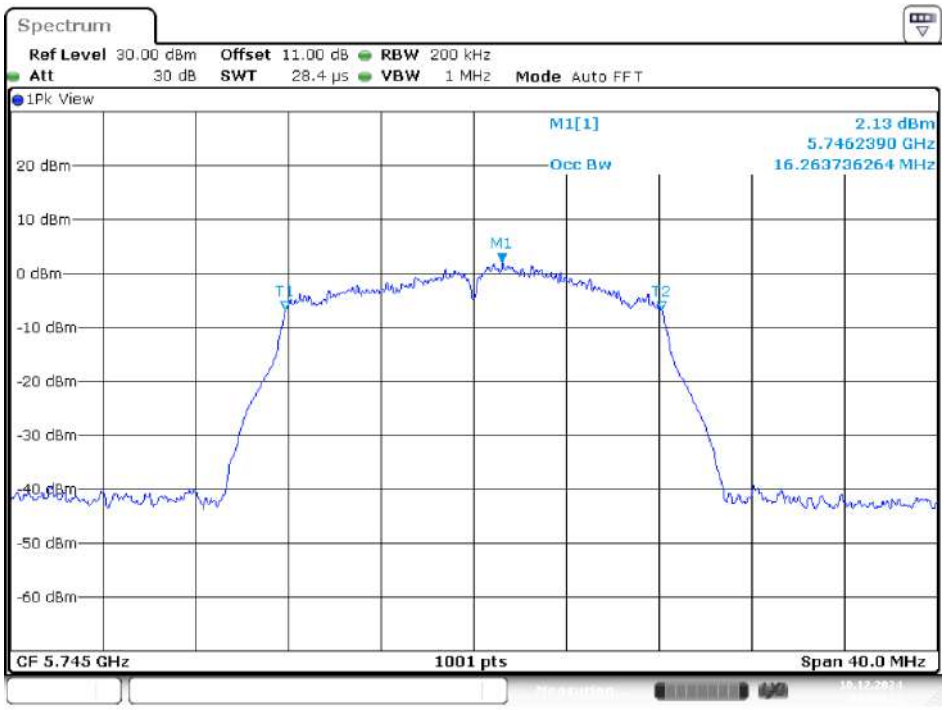
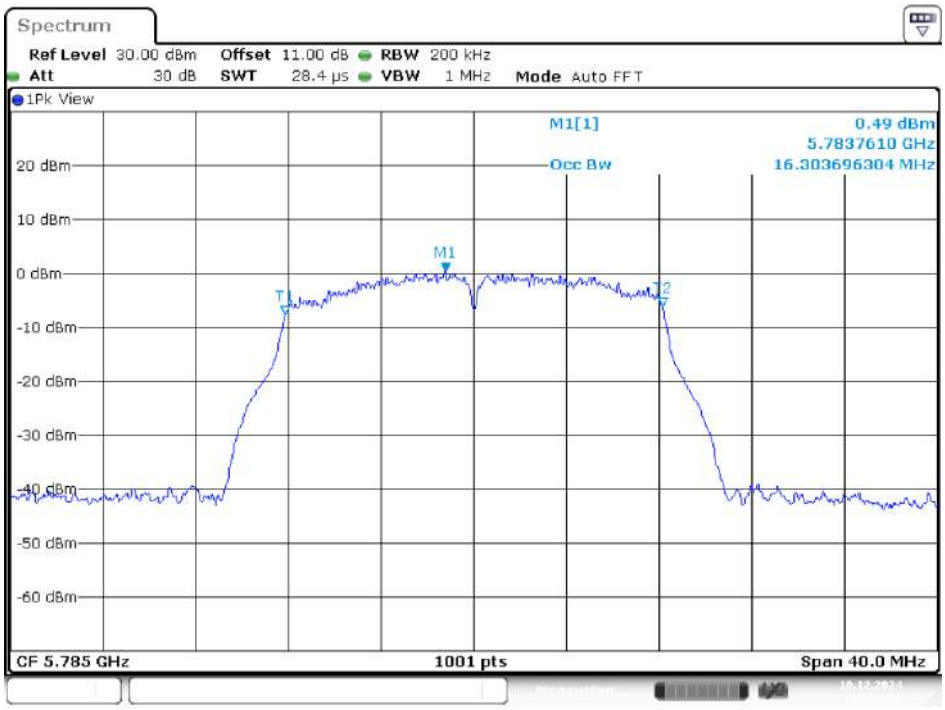
IEEE 802.11a Mode / 5725 ~ 5850MHz (Chain 2)

5745MHz



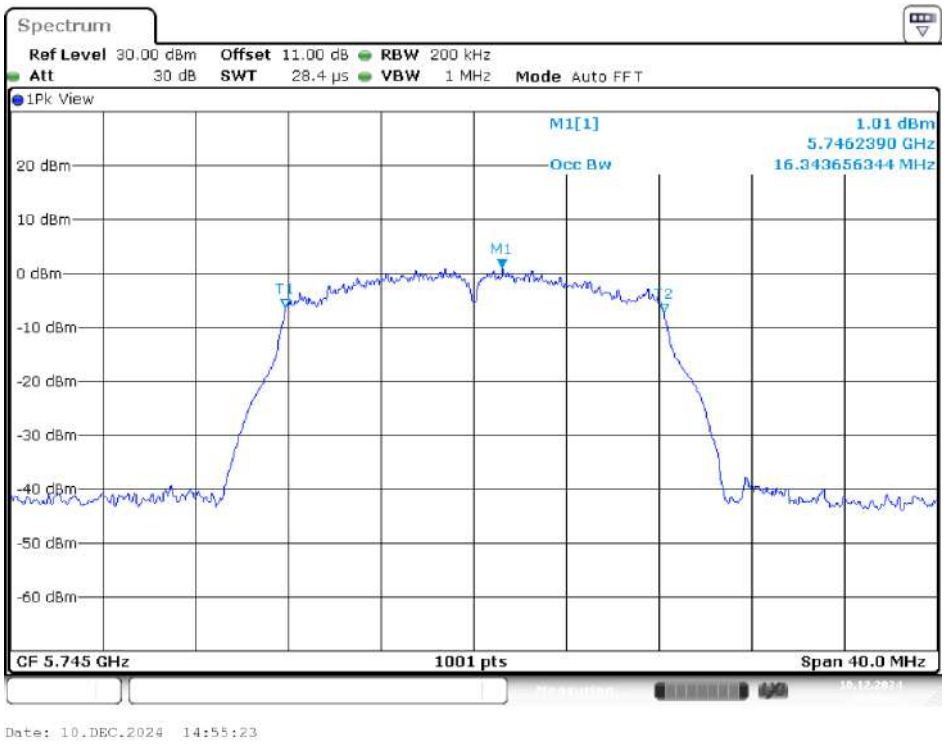
5785MHz



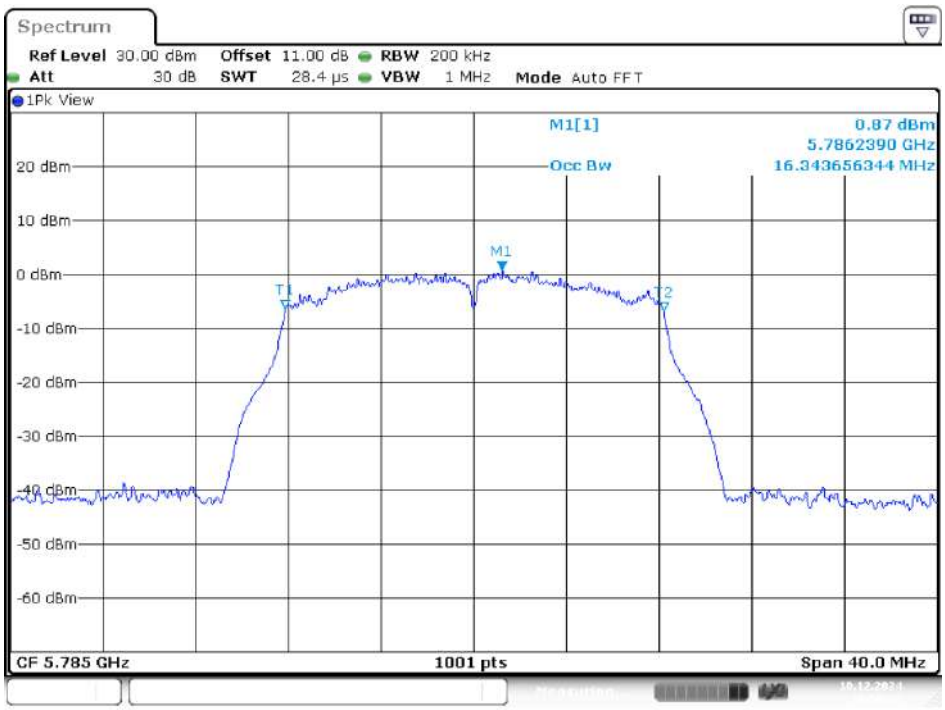
5825MHz

IEEE 802.11a Mode / 5725 ~ 5850MHz (Chain 3)

5745MHz



5785MHz



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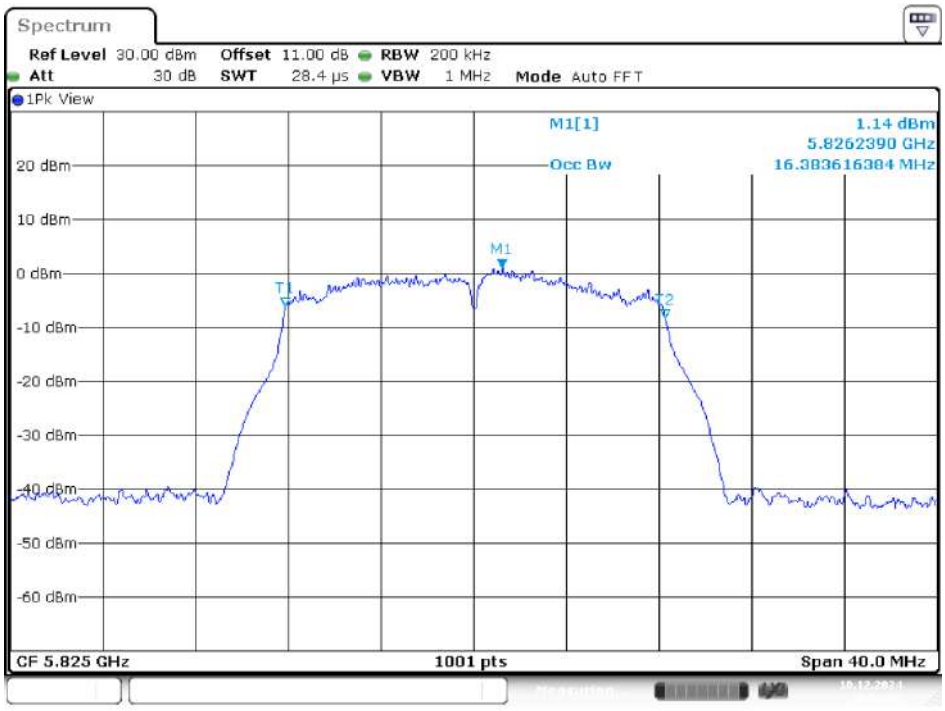
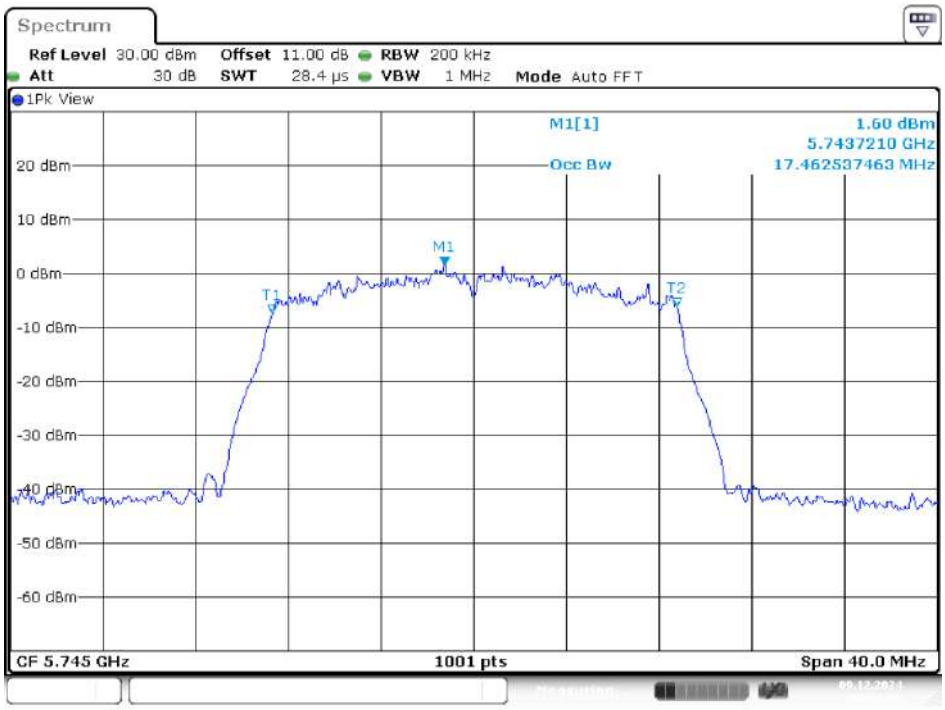
5825MHz



Date: 10.DEC.2024 14:57:53

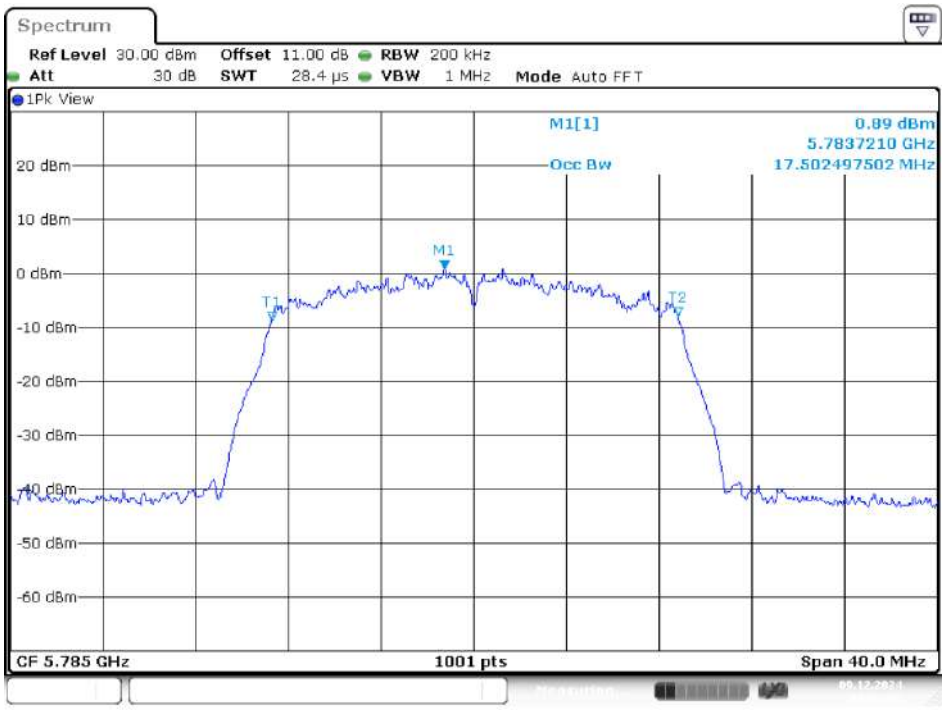
IEEE 802.11ac VHT20 Mode / 5725 ~ 5850MHz (Chain 0)

5745MHz



Date: 9.DEC.2024 09:31:38

5785MHz



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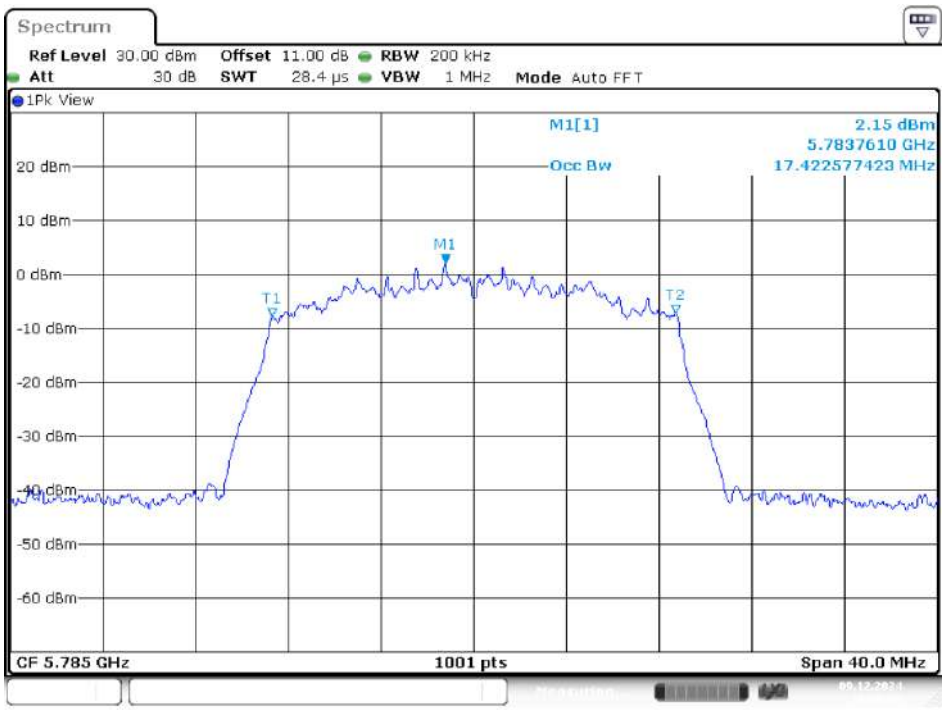
5825MHz

IEEE 802.11ac VHT20 Mode / 5725 ~ 5850MHz (Chain 1)

5745MHz

5785MHz



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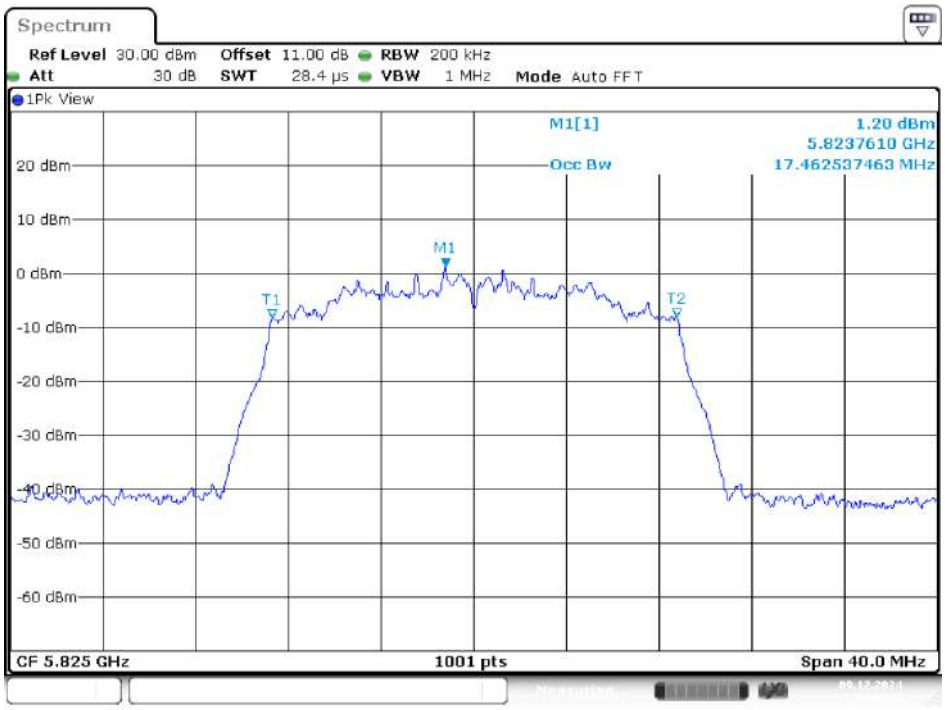
5825MHz



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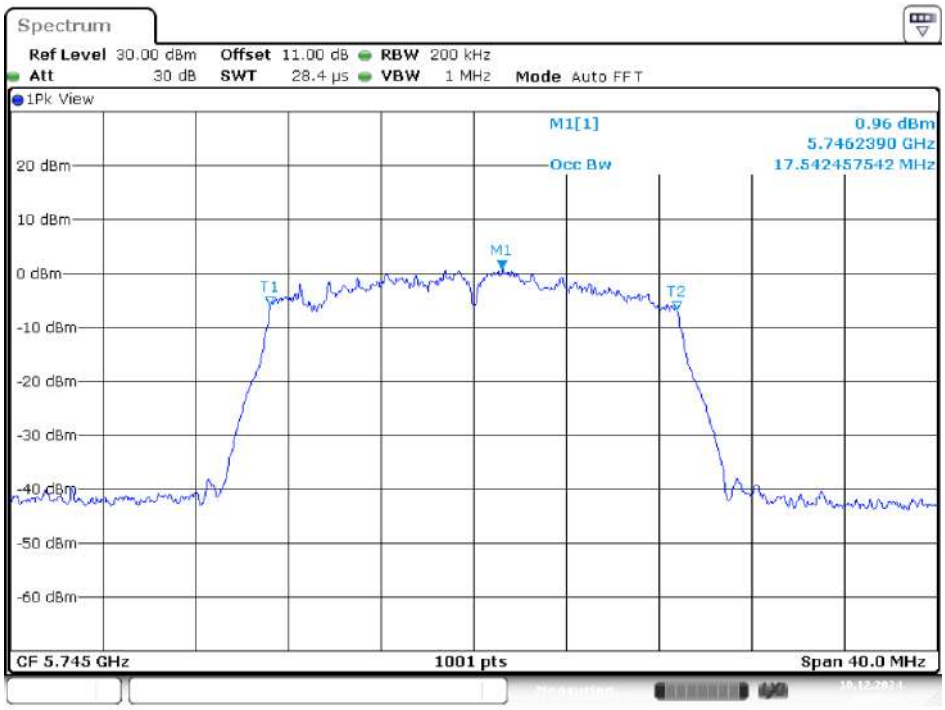
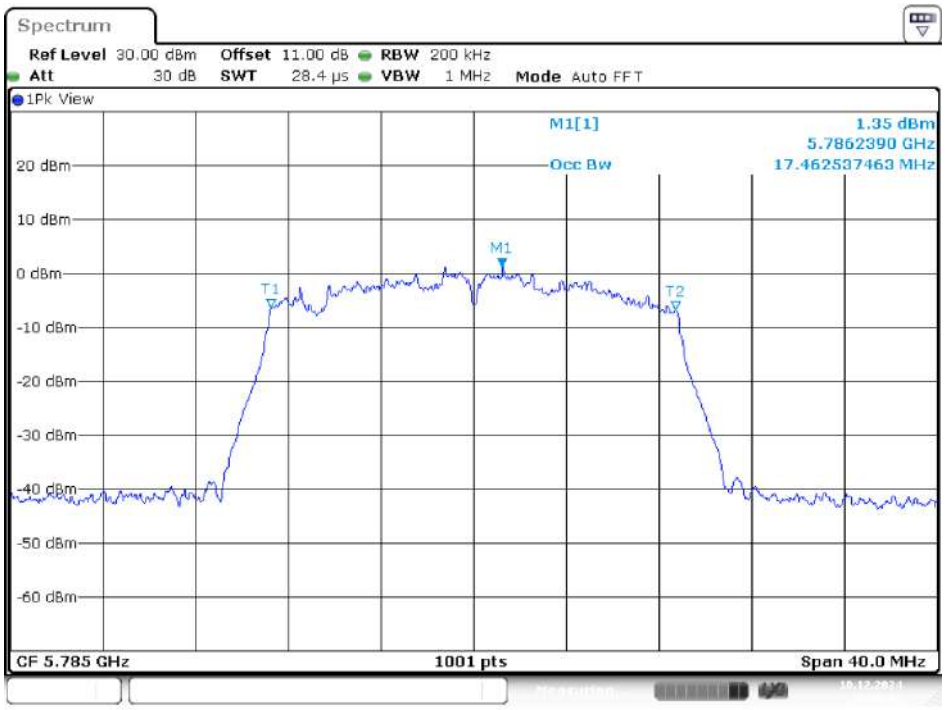
EEE 802.11ac VHT20 Mode / 5725 ~ 5850MHz (Chain 2)

5745MHz



Date: 10.DEC.2024 10:06:11

5785MHz



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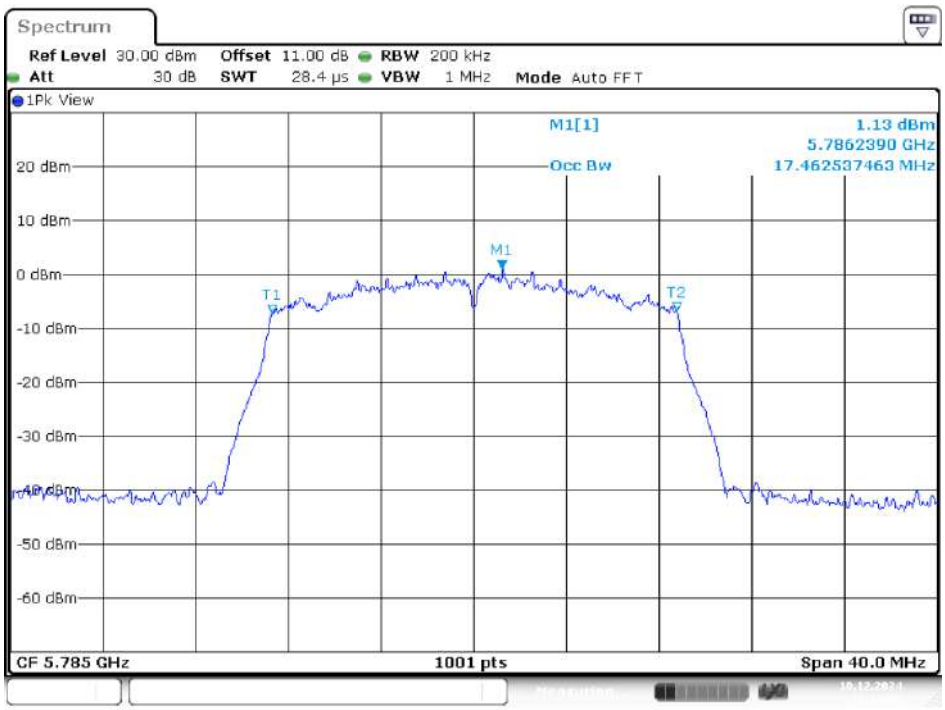
5825MHz

EEE 802.11ac VHT20 Mode / 5725 ~ 5850MHz (Chain 3)

5745MHz

5785MHz



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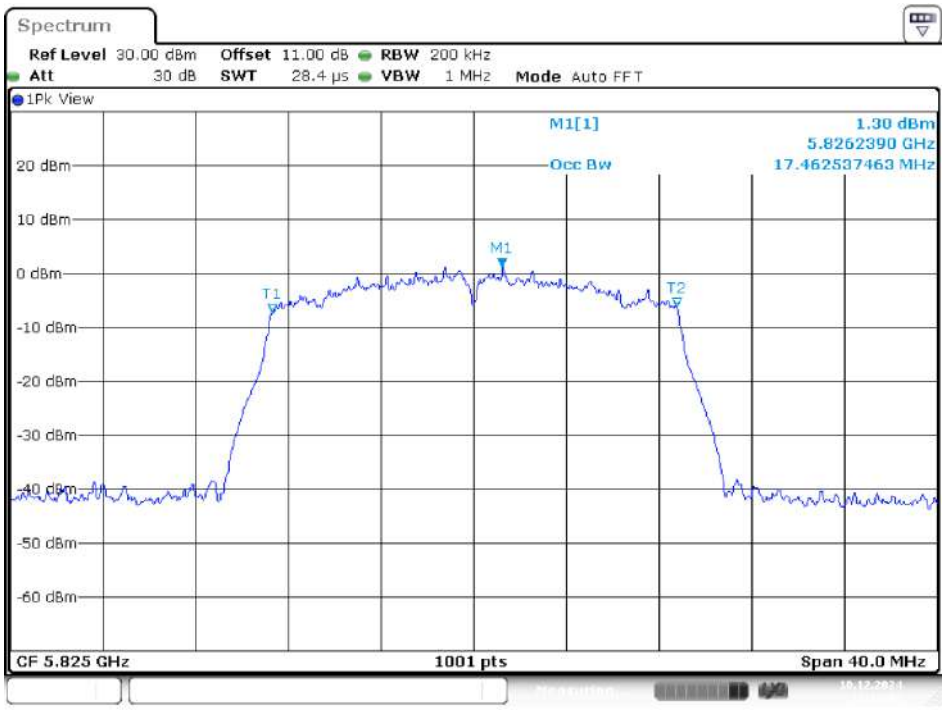
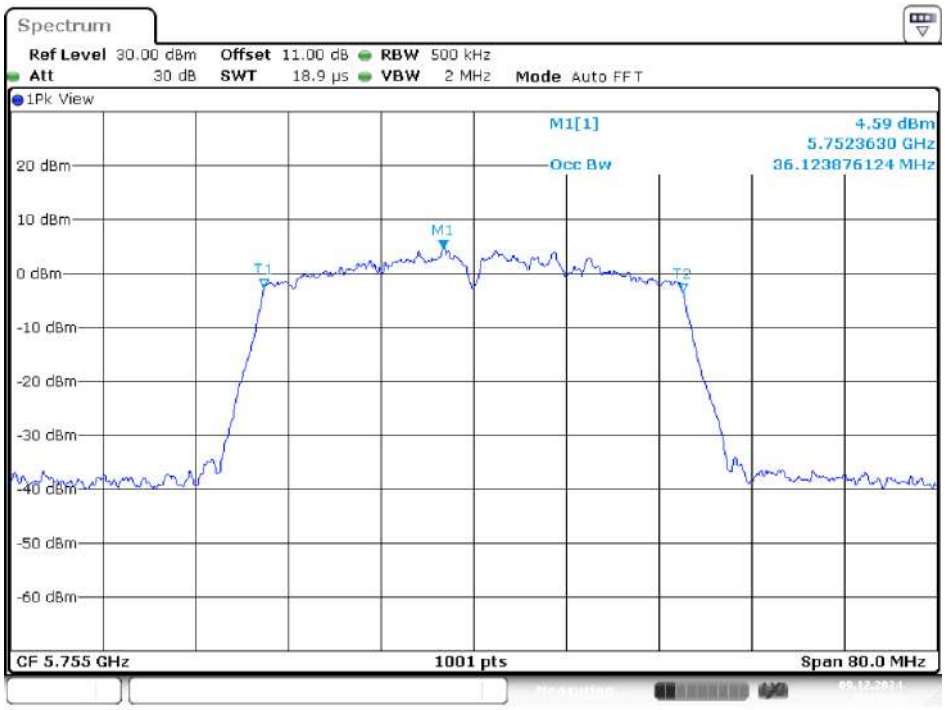
5825MHz



Date: 10.DEC.2024 15:13:47

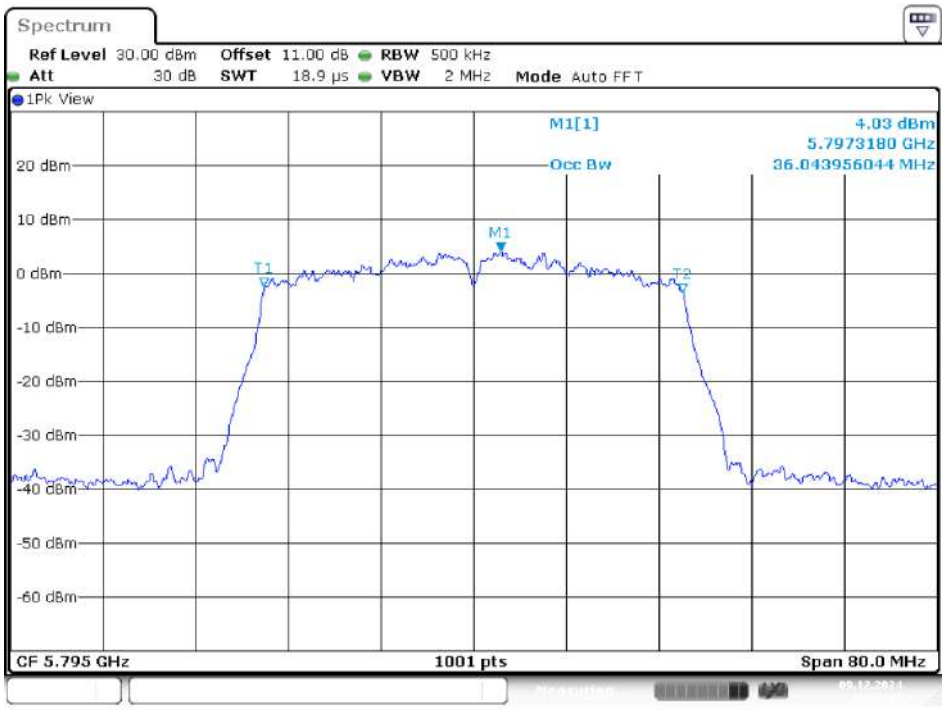
IEEE 802.11ac VHT40 Mode / 5725 ~ 5850MHz (Chain 0)

5755MHz



Date: 9.DEC.2024 10:19:05

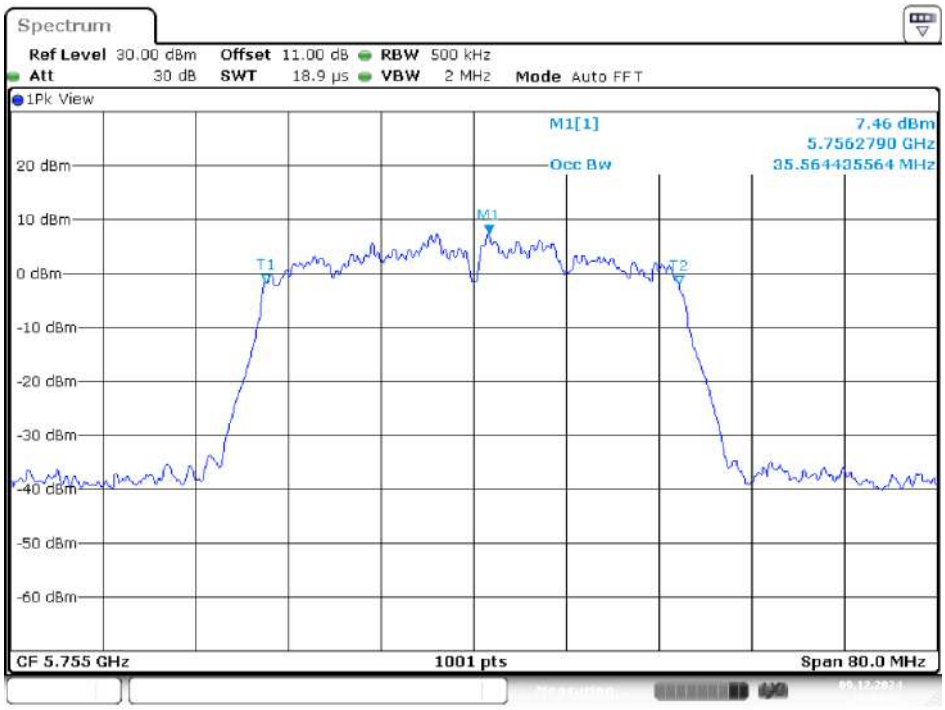
5795MHz



Date: 9.DEC.2024 10:21:31

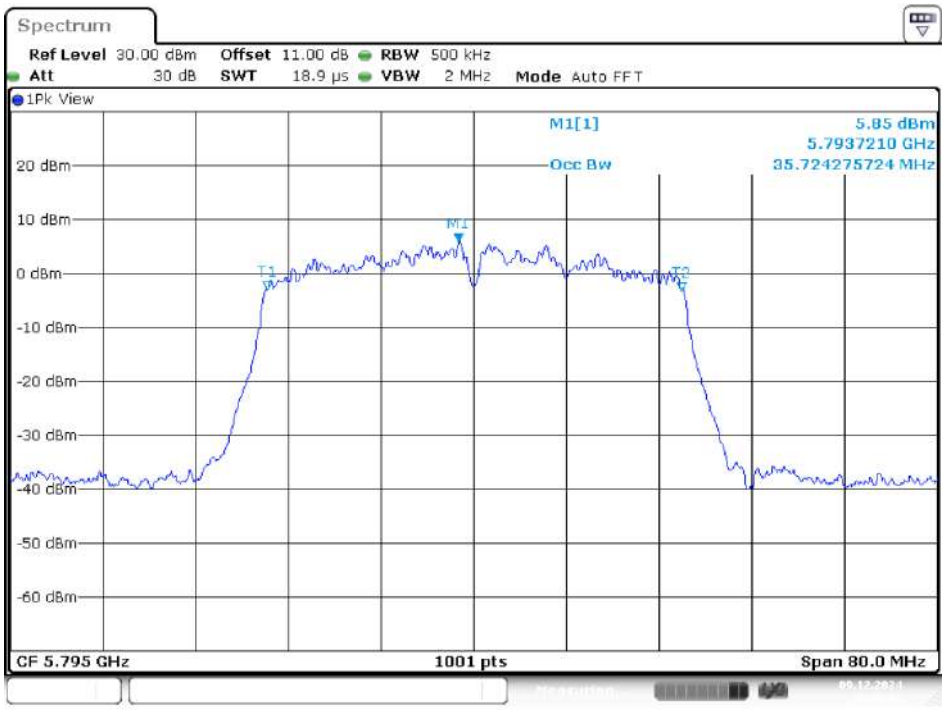
IEEE 802.11ac VHT40 Mode / 5725 ~ 5850MHz (Chain 1)

5755MHz



Date: 9.DEC.2024 14:44:53

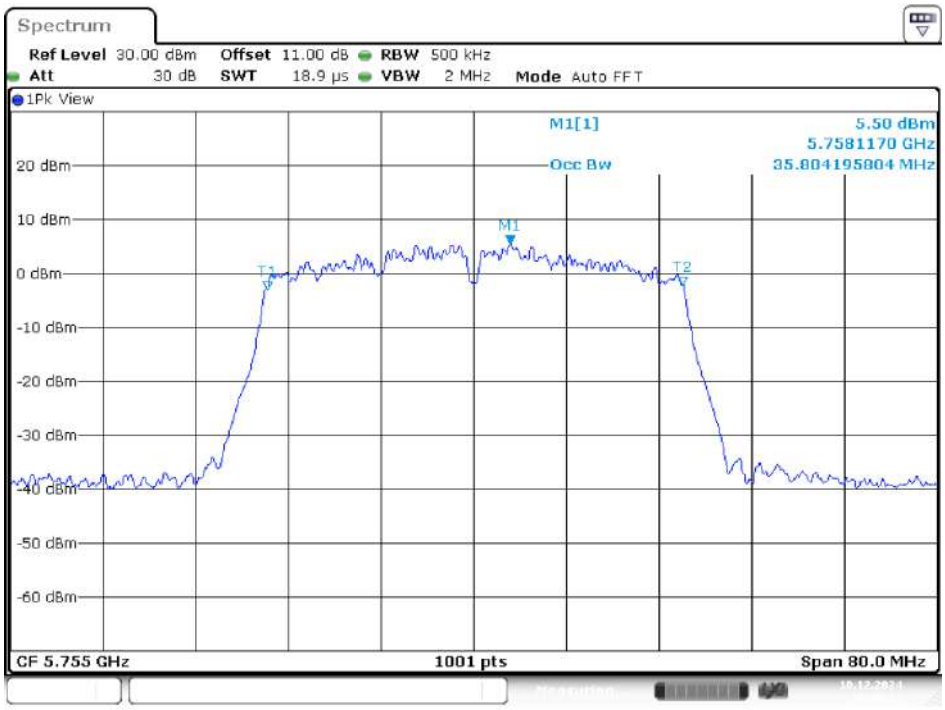
5795MHz



Date: 9.DEC.2024 14:46:51

IEEE 802.11ac VHT40 Mode / 5725 ~ 5850MHz (Chain 2)

5755MHz



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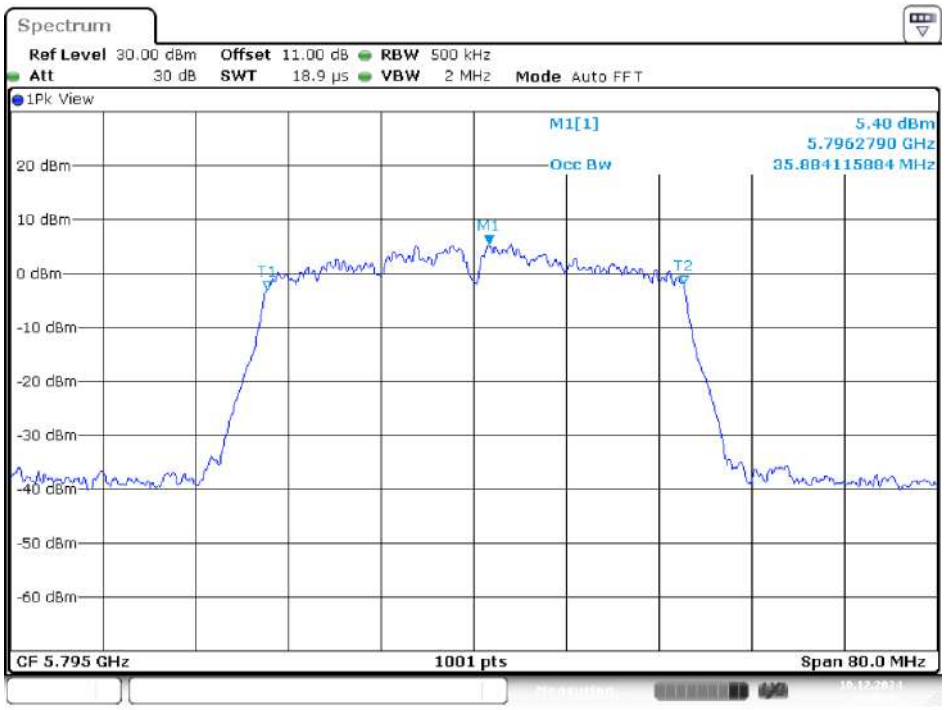
5795MHz



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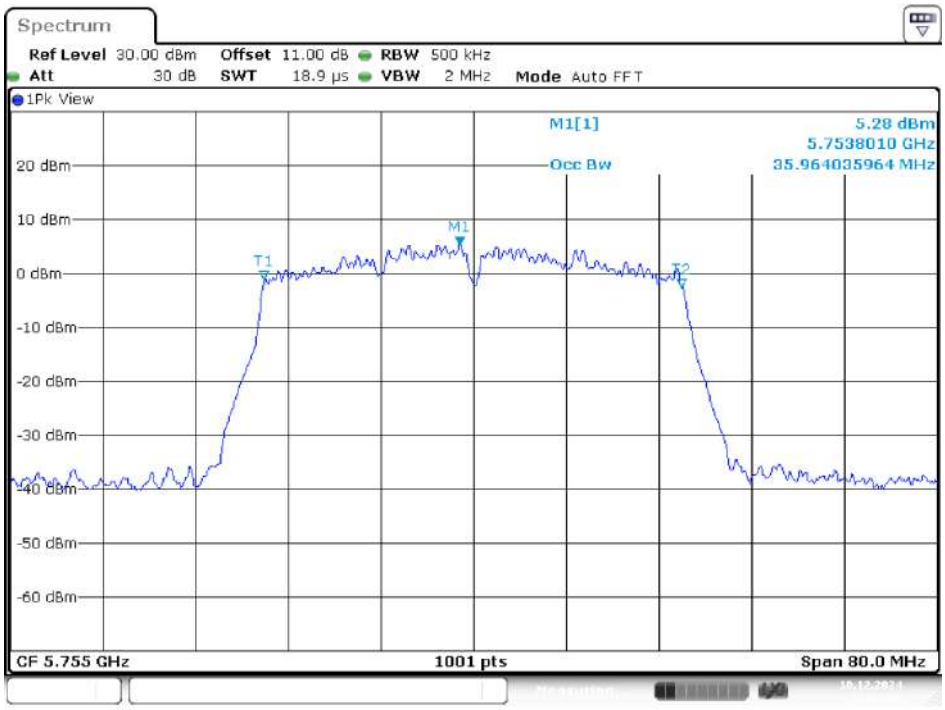
IEEE 802.11ac VHT40 Mode / 5725 ~ 5850MHz (Chain 3)

5755MHz



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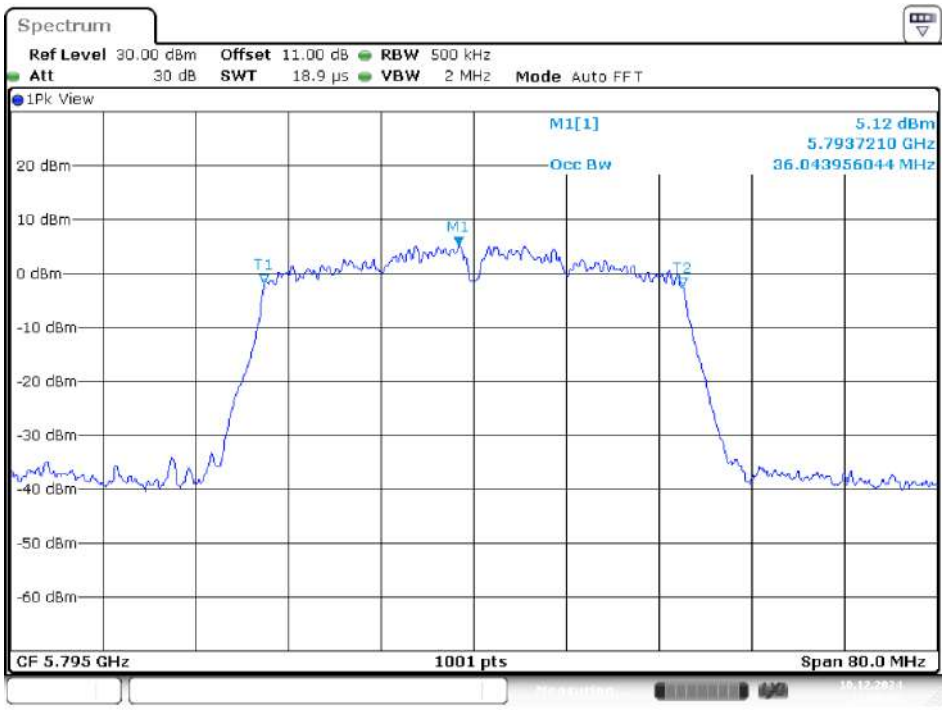
5795MHz



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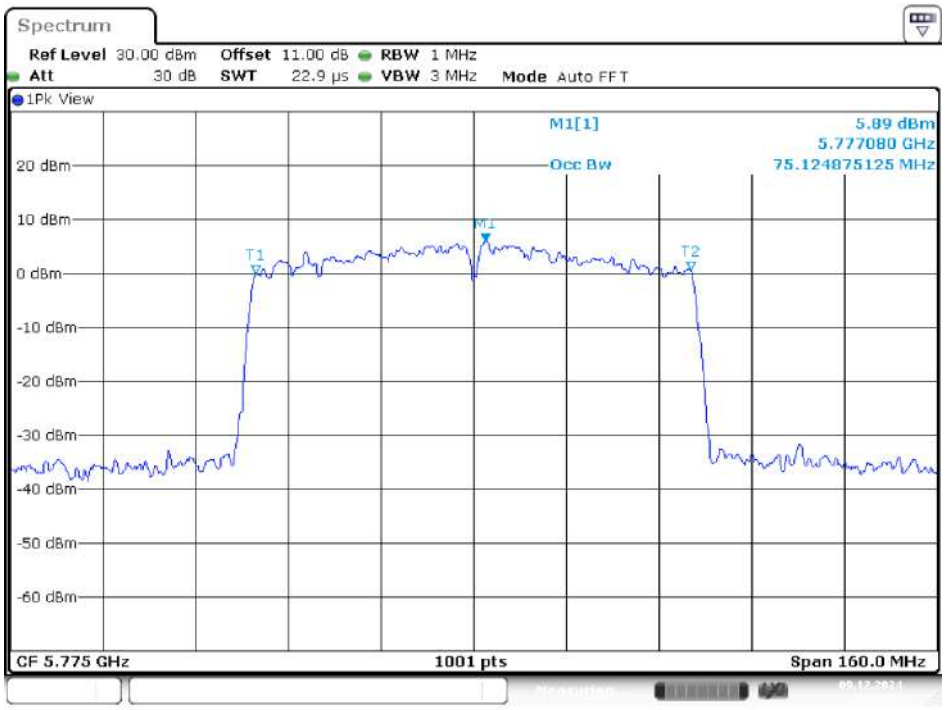
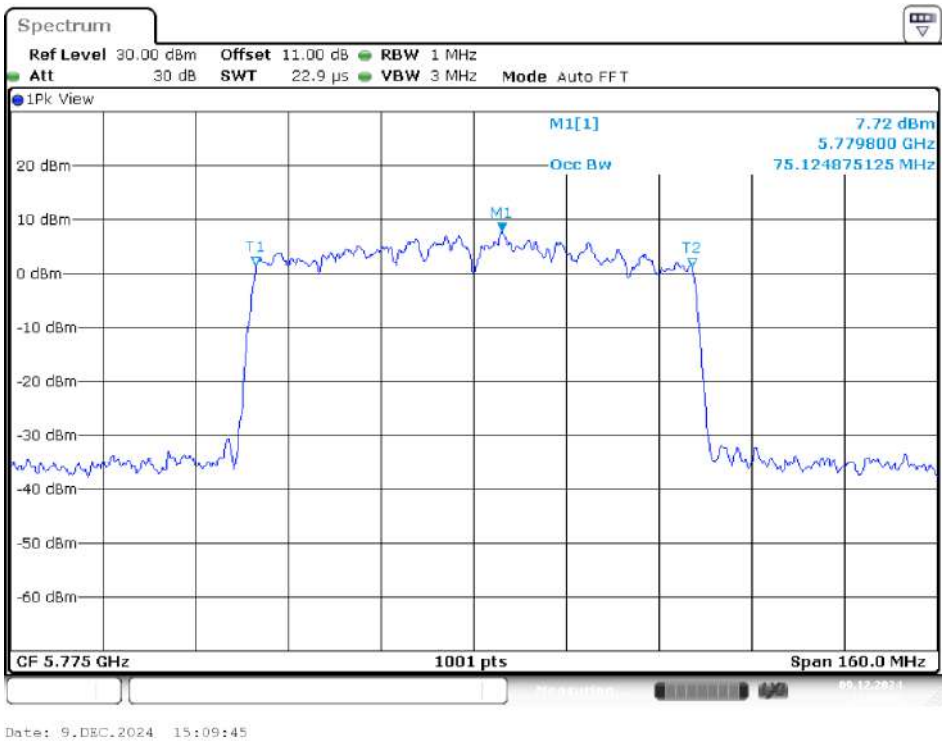
IEEE 802.11ac VHT80 Mode / 5725 ~ 5850MHz (Chain 0)

5775MHz



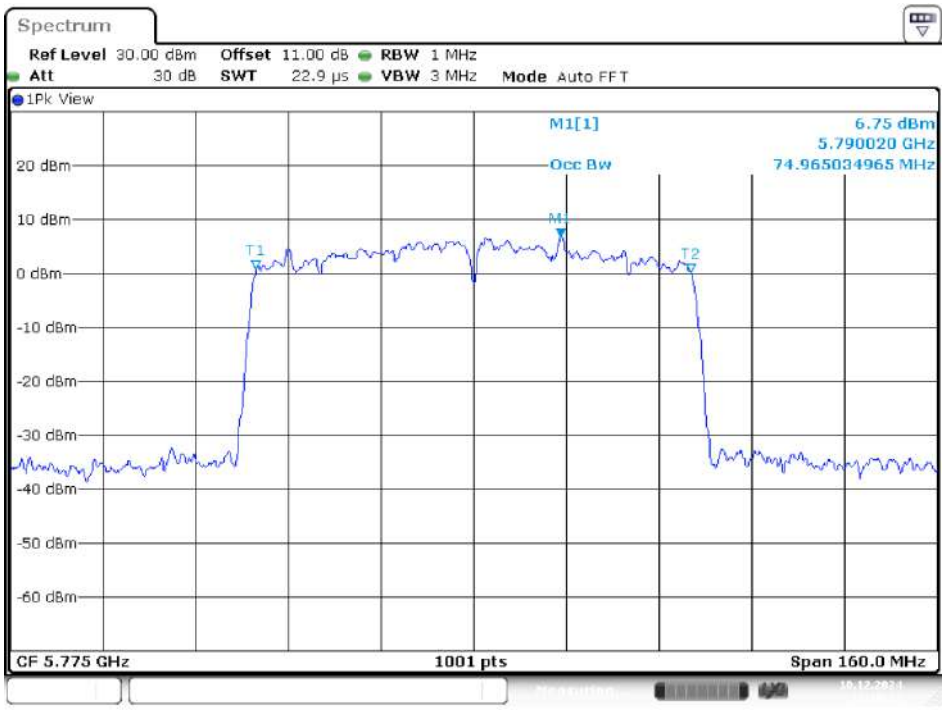
IEEE 802.11ac VHT80 Mode / 5725 ~ 5850MHz (Chain 1)

5775MHz



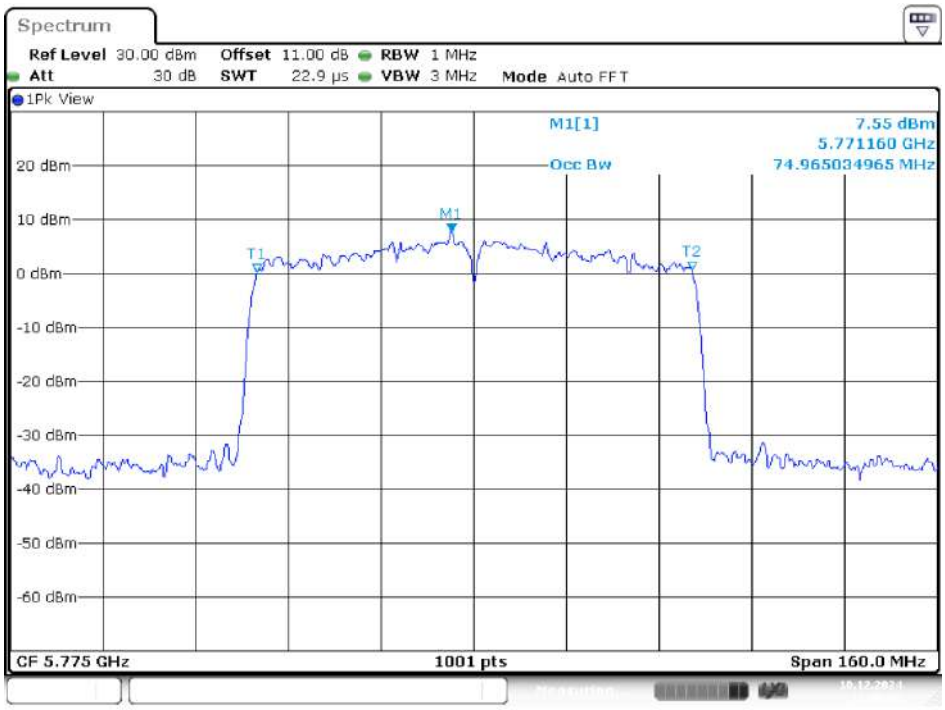
IEEE 802.11ac VHT80 Mode / 5725 ~ 5850MHz (Chain 2)

5775MHz



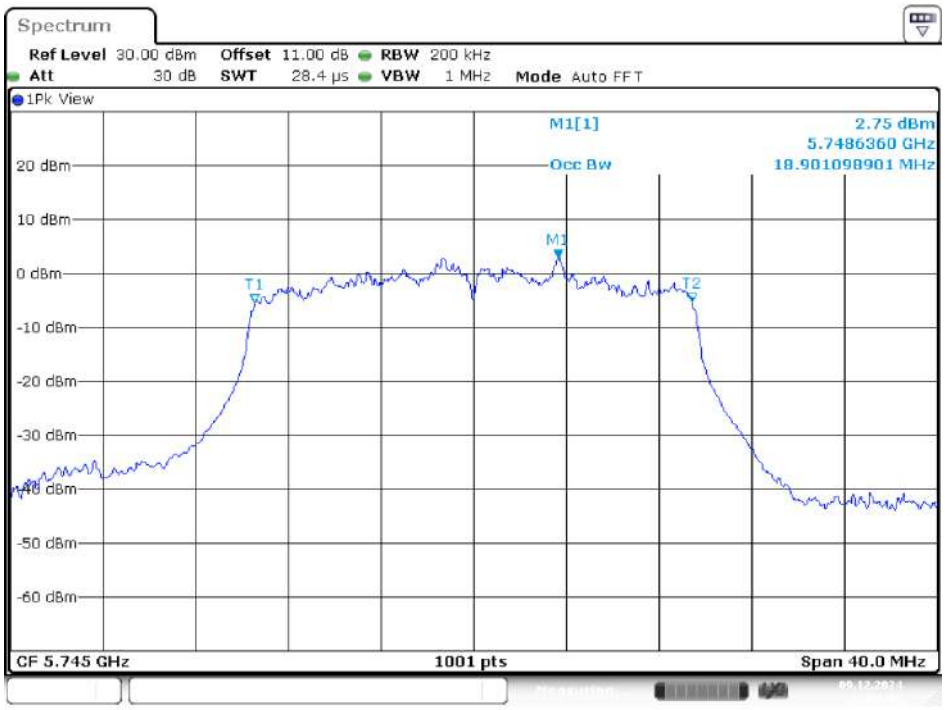
IEEE 802.11ac VHT80 Mode / 5725 ~ 5850MHz (Chain 3)

5775MHz



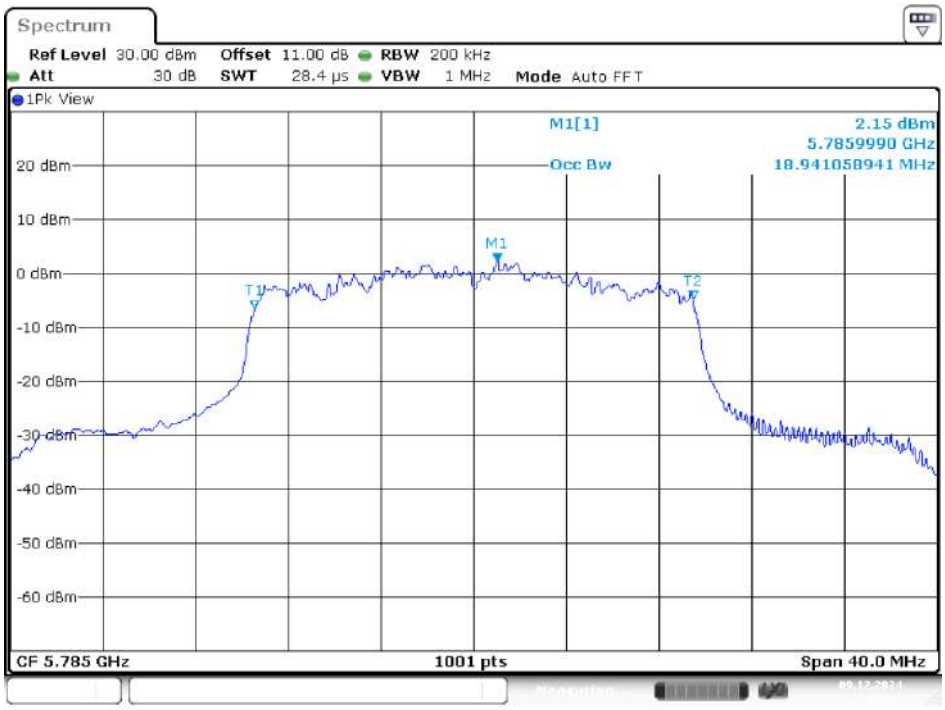
IEEE 802.11ax HE20 Mode / 5725 ~ 5850MHz (Chain 0)

5745MHz



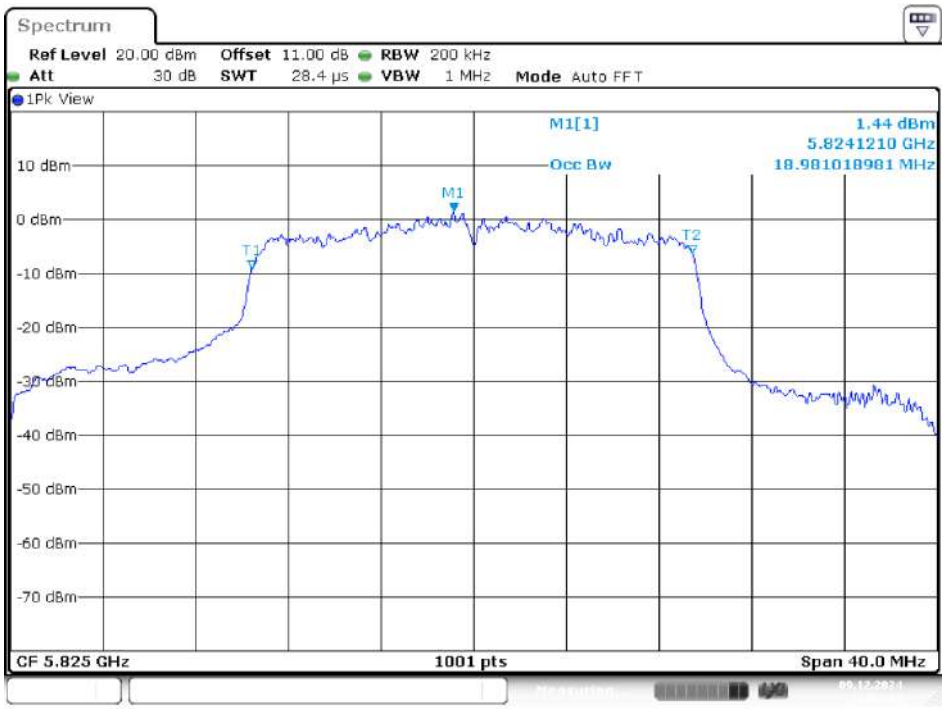
Date: 9.DEC.2024 11:21:03

5785MHz



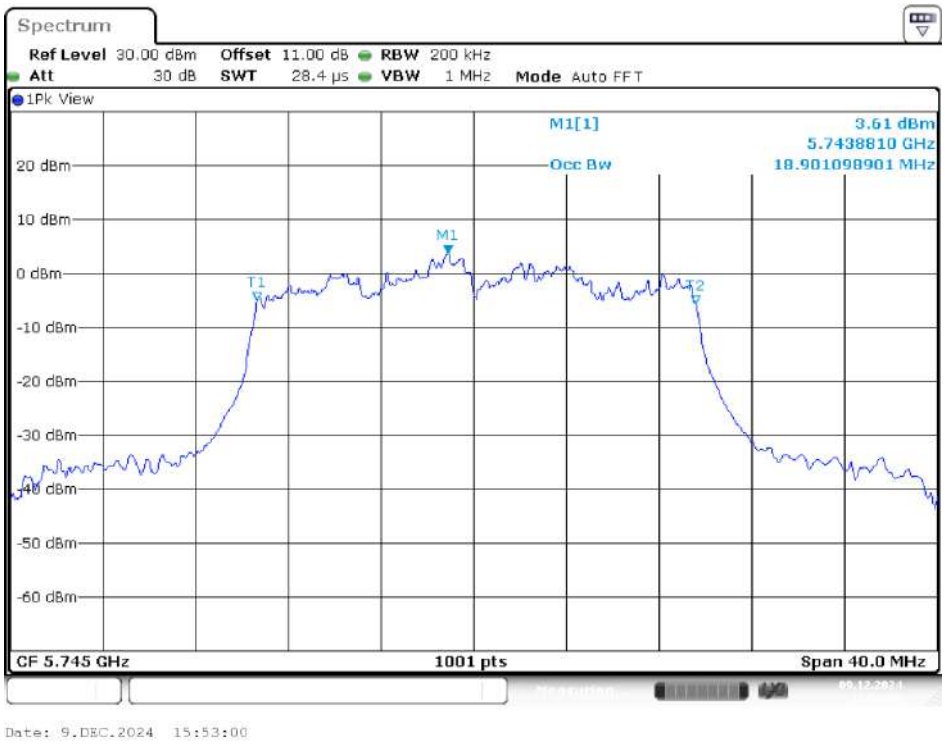
Date: 9.DEC.2024 11:29:33

5825MHz

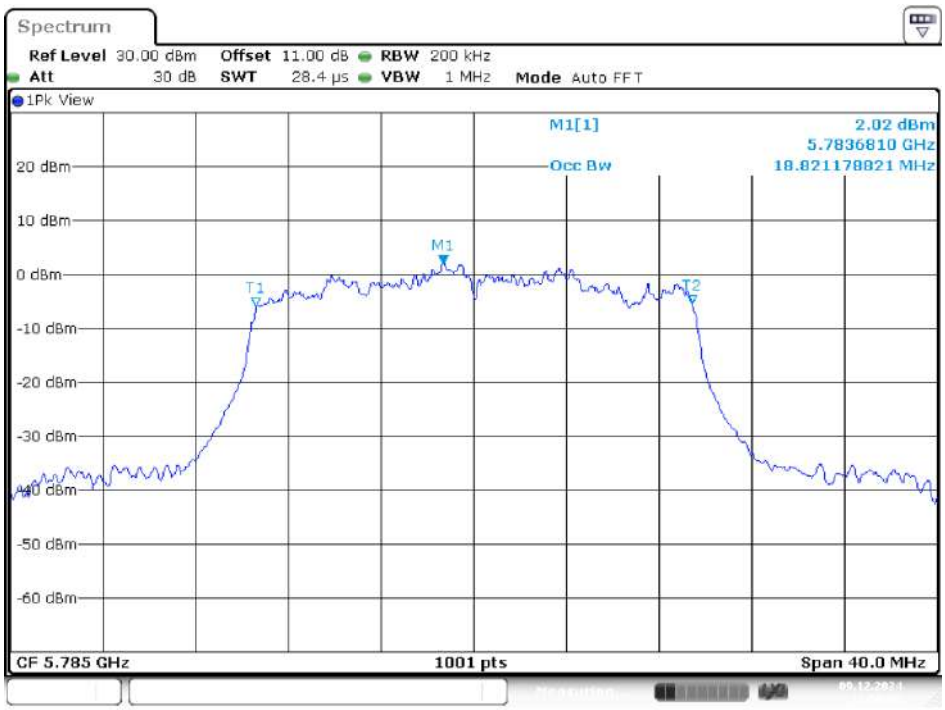


IEEE 802.11ax HE20 Mode / 5725 ~ 5850MHz (Chain 1)

5745MHz

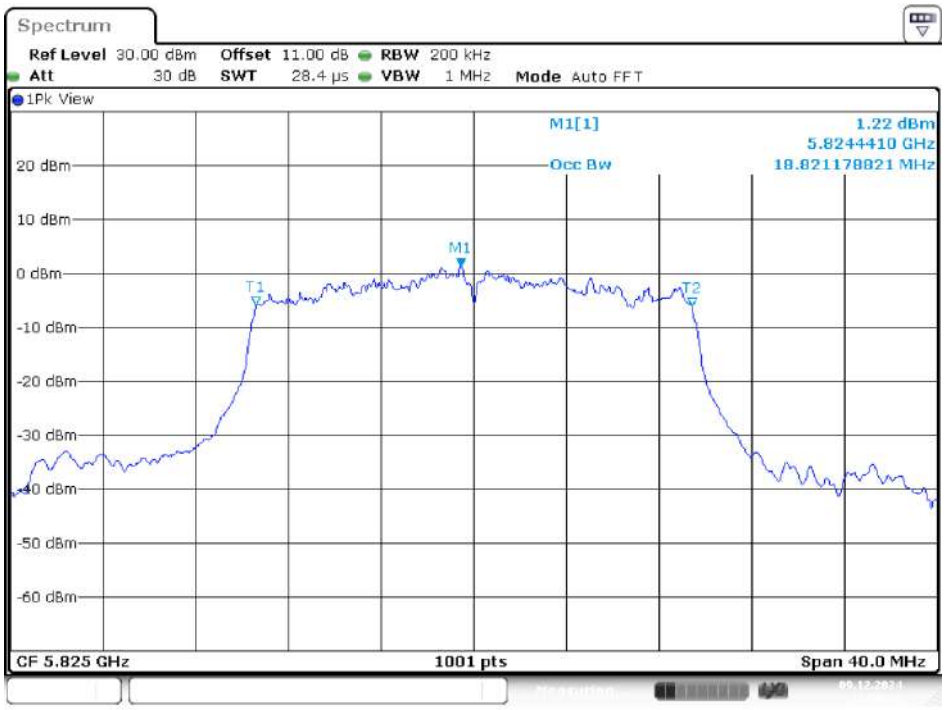


5785MHz



Date: 9.DEC.2024 15:56:07

5825MHz



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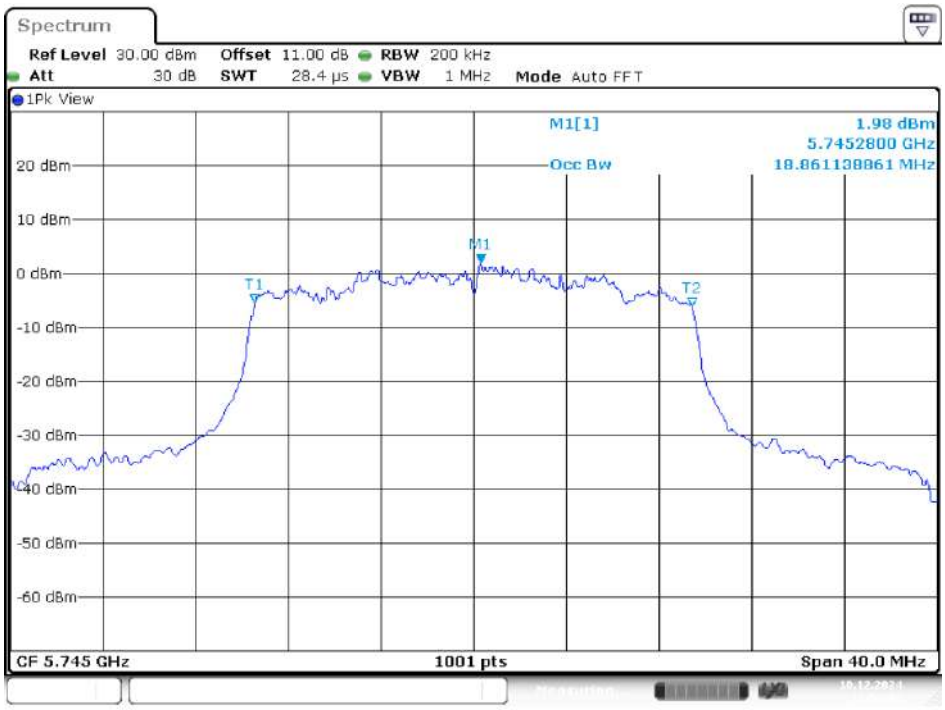
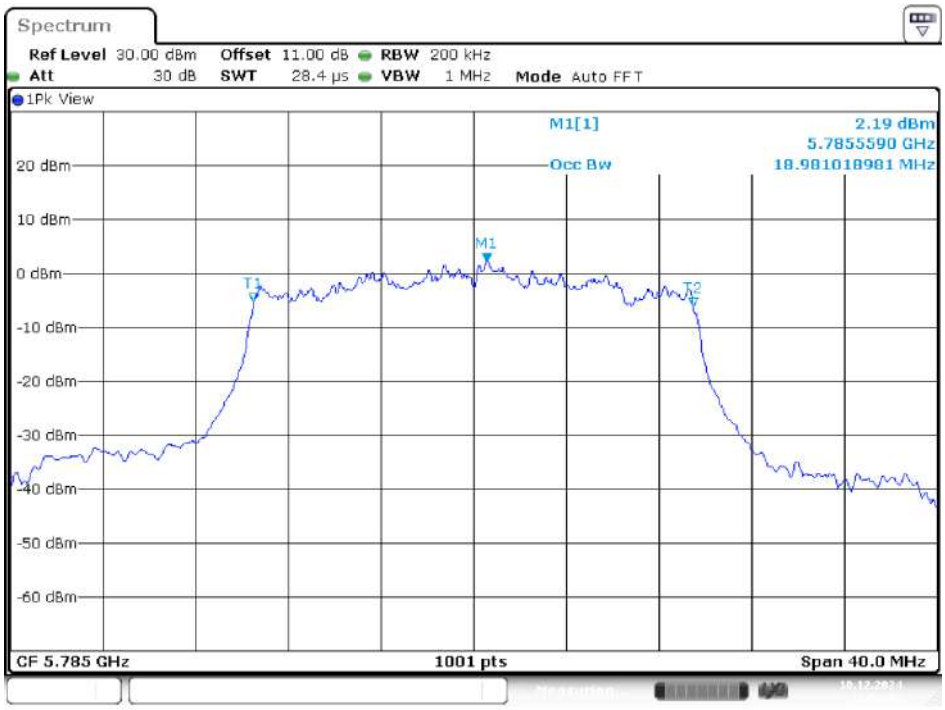
IEEE 802.11ax HE20 Mode / 5725 ~ 5850MHz (Chain 2)

5745MHz



Date: 10.DEC.2024 11:53:02

5785MHz



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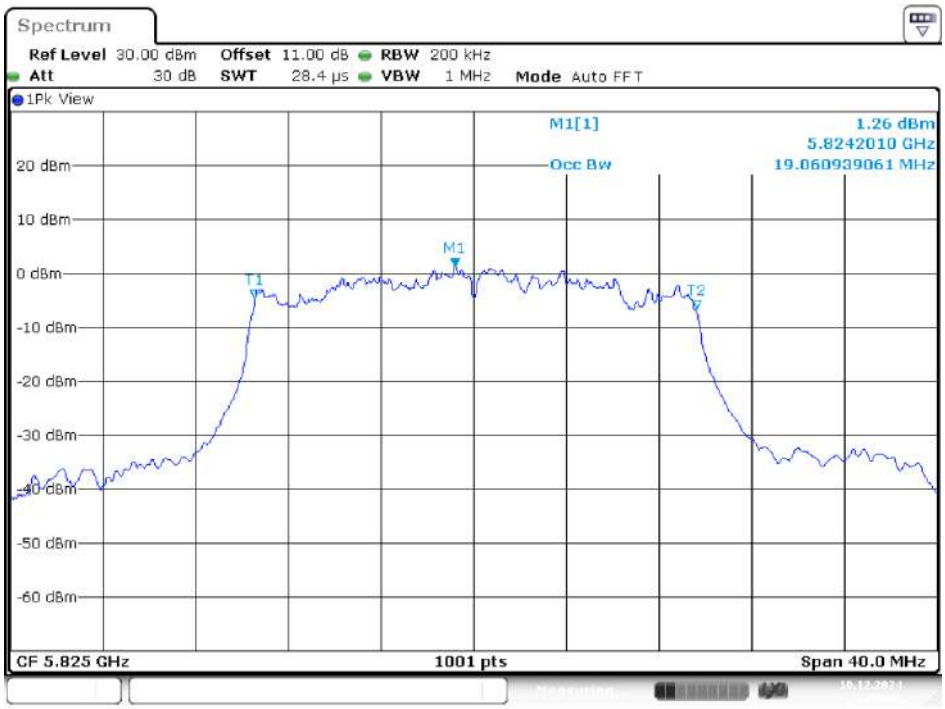
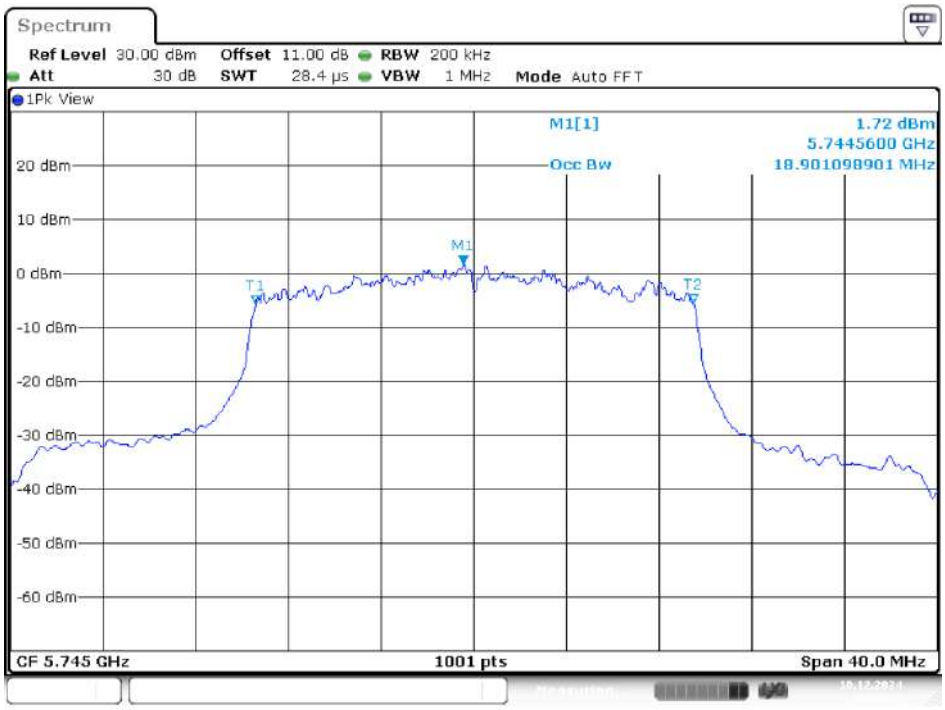
5825MHz

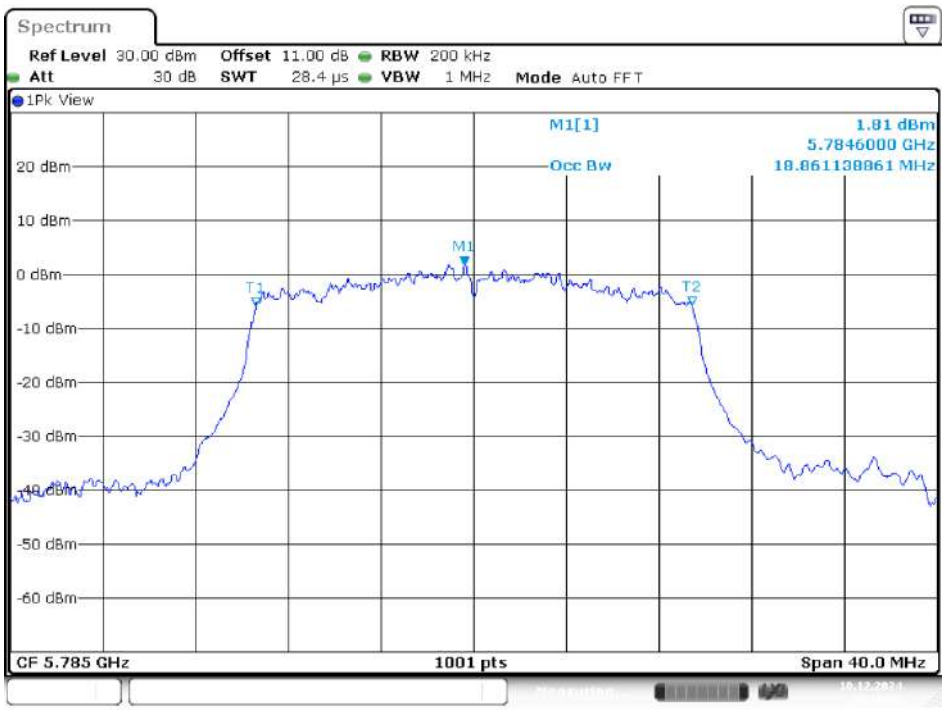


IEEE 802.11ax HE20 Mode / 5725 ~ 5850MHz (Chain 3)

5745MHz



5785MHz



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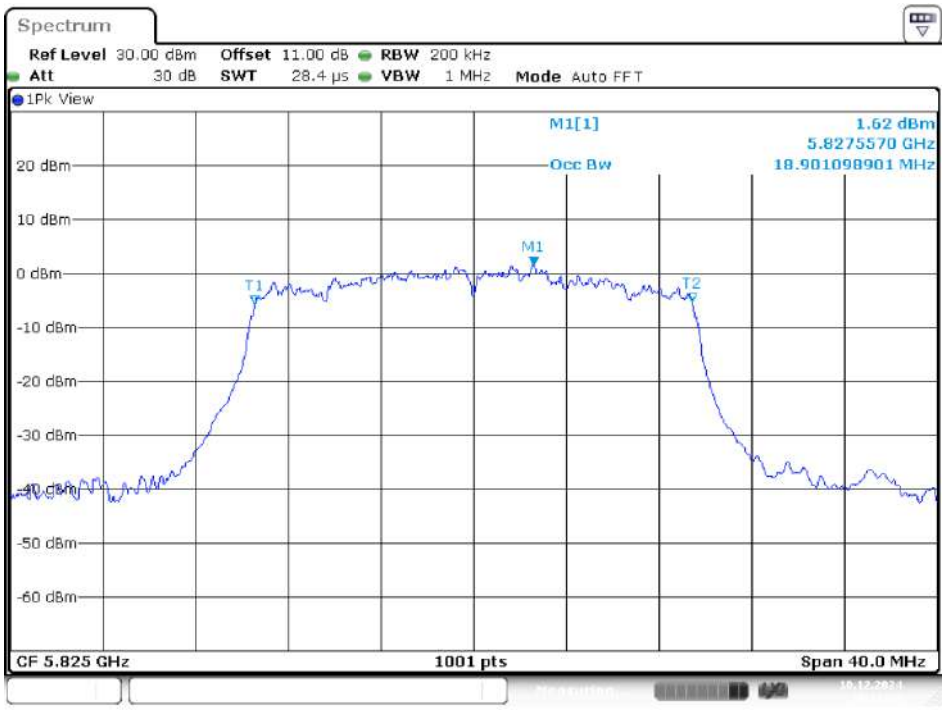
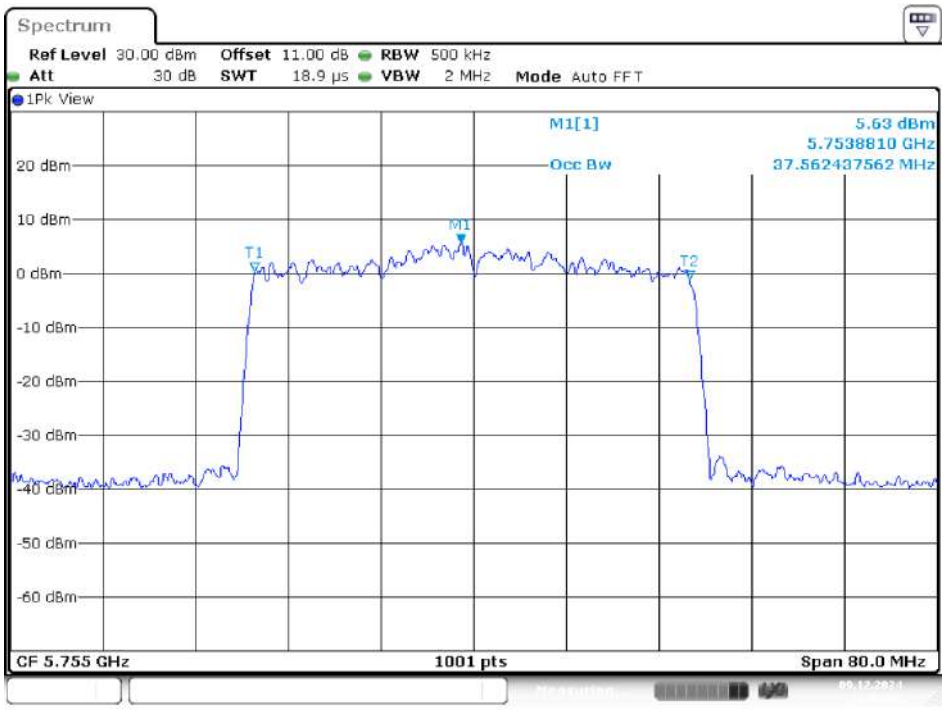
5825MHz



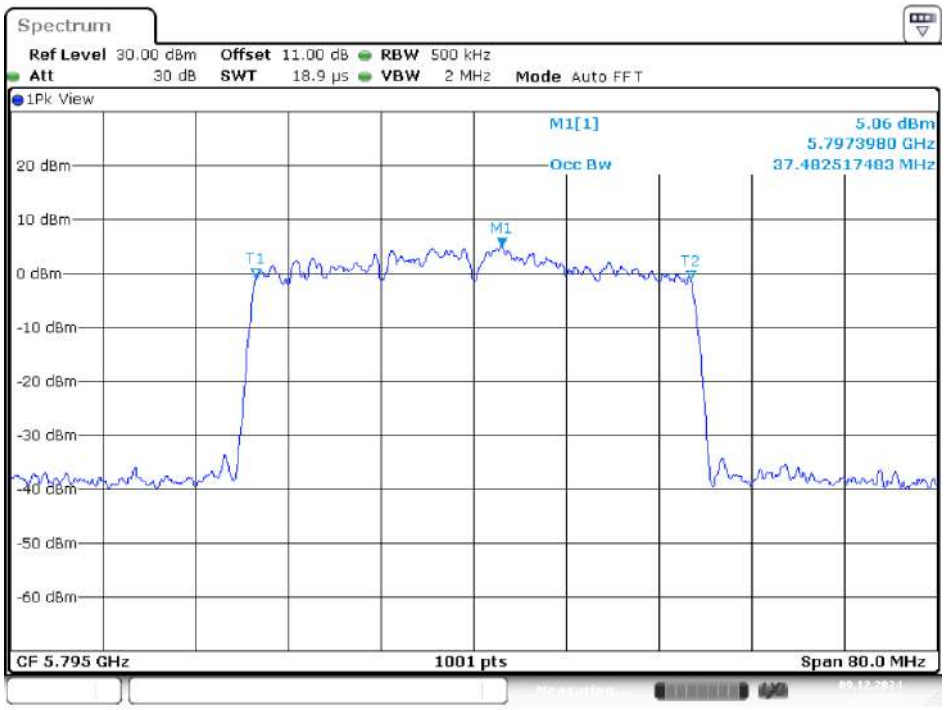
Date: 10.DEC.2024 16:11:24

IEEE 802.11ax HE40 Mode / 5725 ~ 5850MHz (Chain 0)

5755MHz

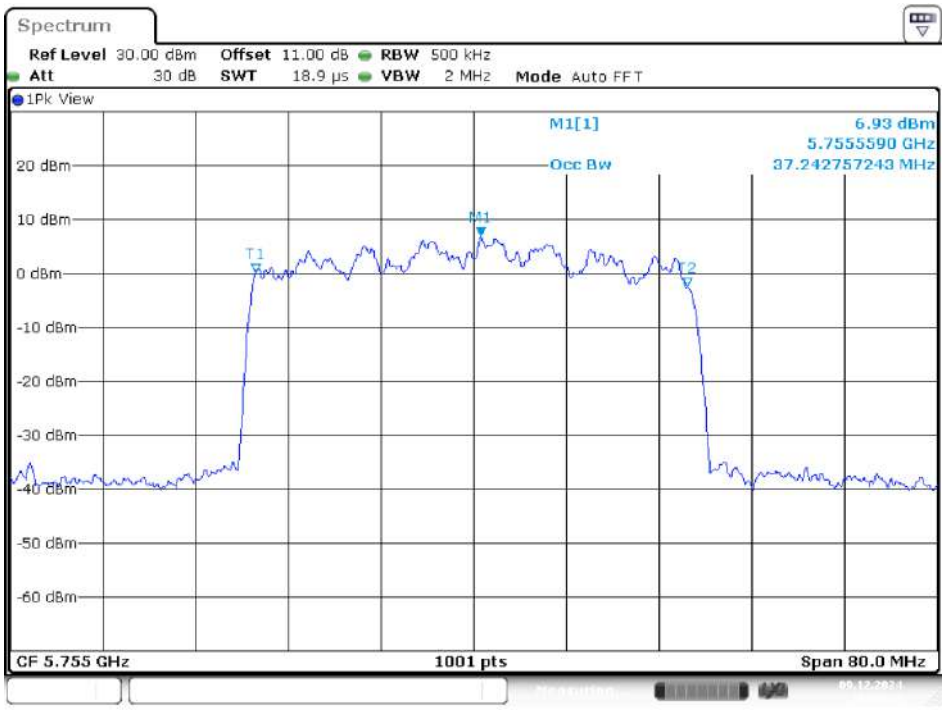


5795MHz

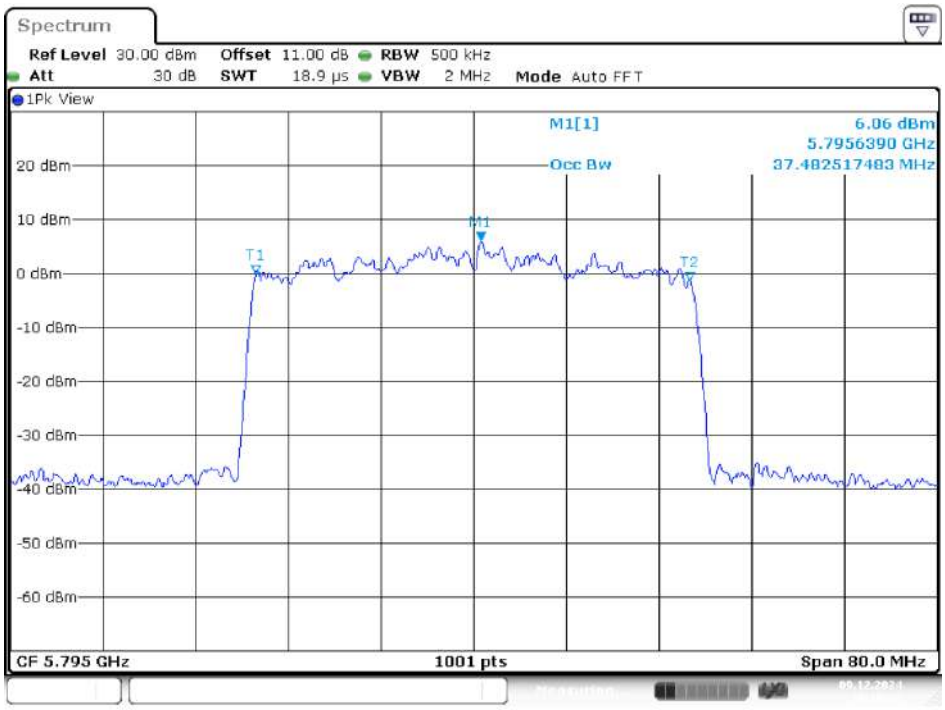


IEEE 802.1ax HE40 Mode / 5725 ~ 5850MHz (Chain 1)

5755MHz

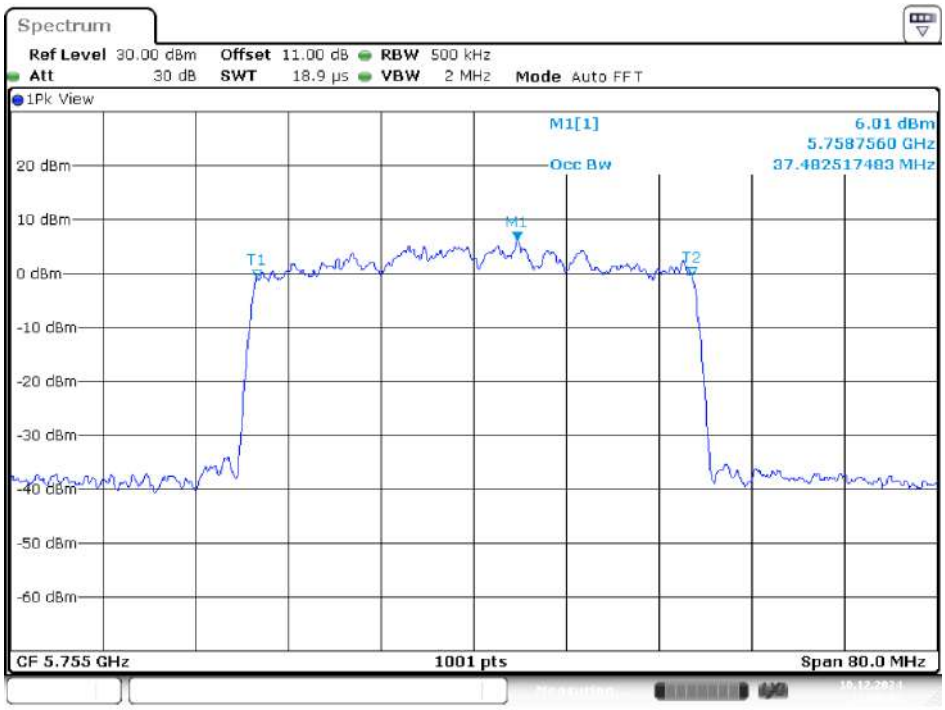


5795MHz



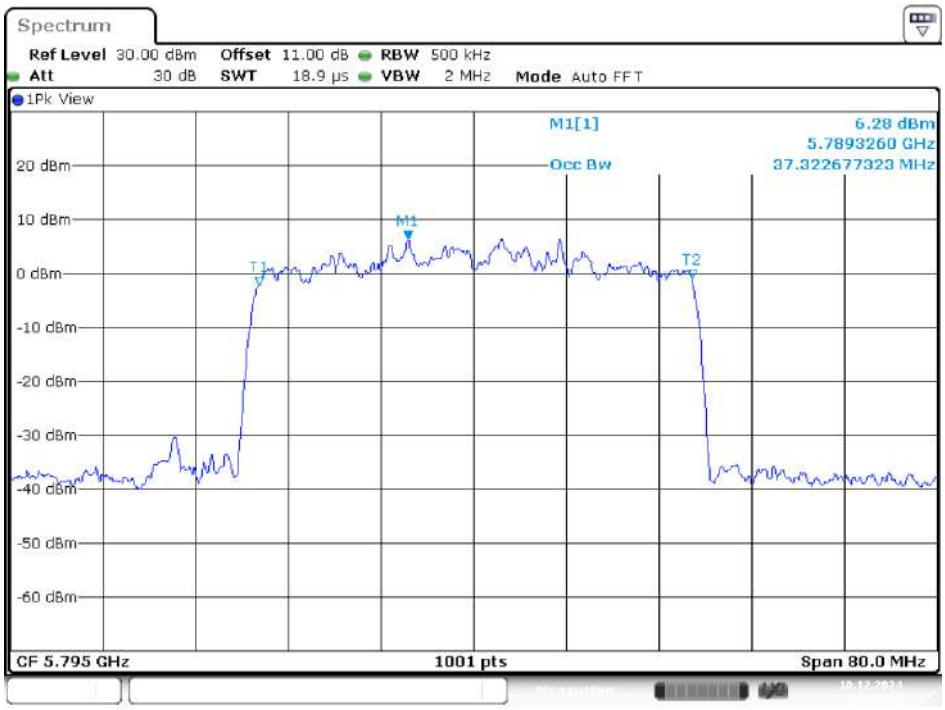
IEEE 802.11ax HE40 Mode / 5725 ~ 5850MHz (Chain 2)

5755MHz



Date: 10.DEC.2024 13:28:51

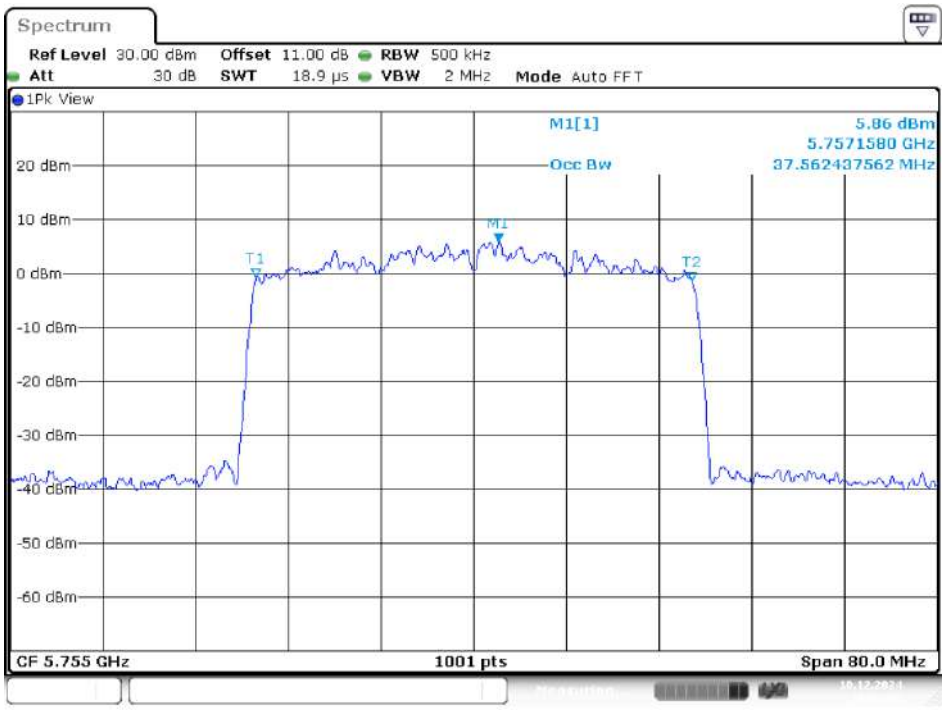
5795MHz



Date: 10.DEC.2024 13:29:52

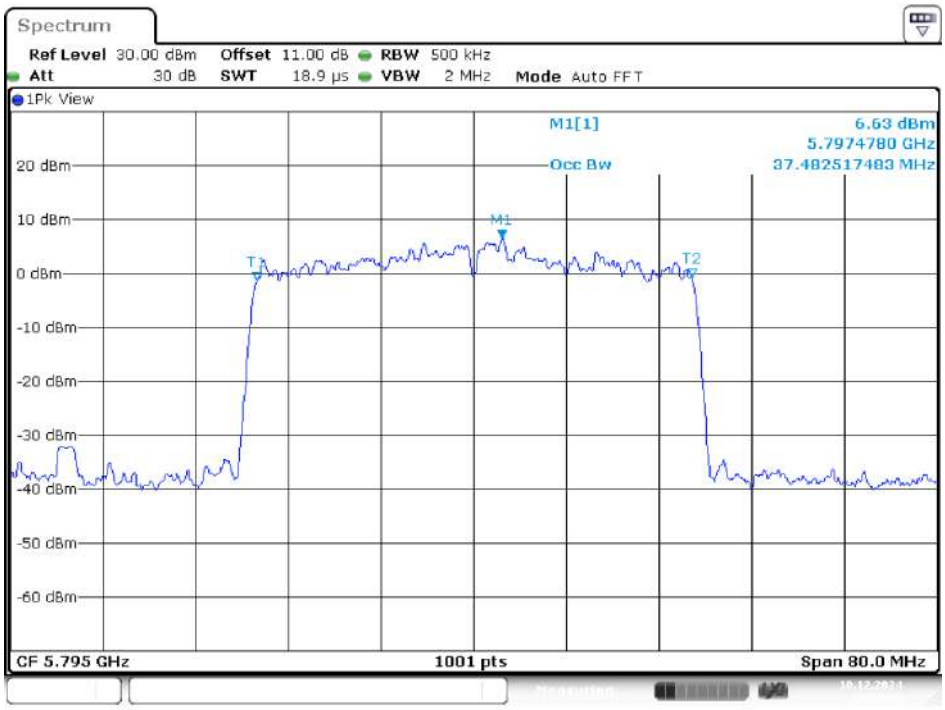
IEEE 802.11ax HE40 Mode / 5725 ~ 5850MHz (Chain 3)

5755MHz



Date: 10.DEC.2024 16:22:49

5795MHz



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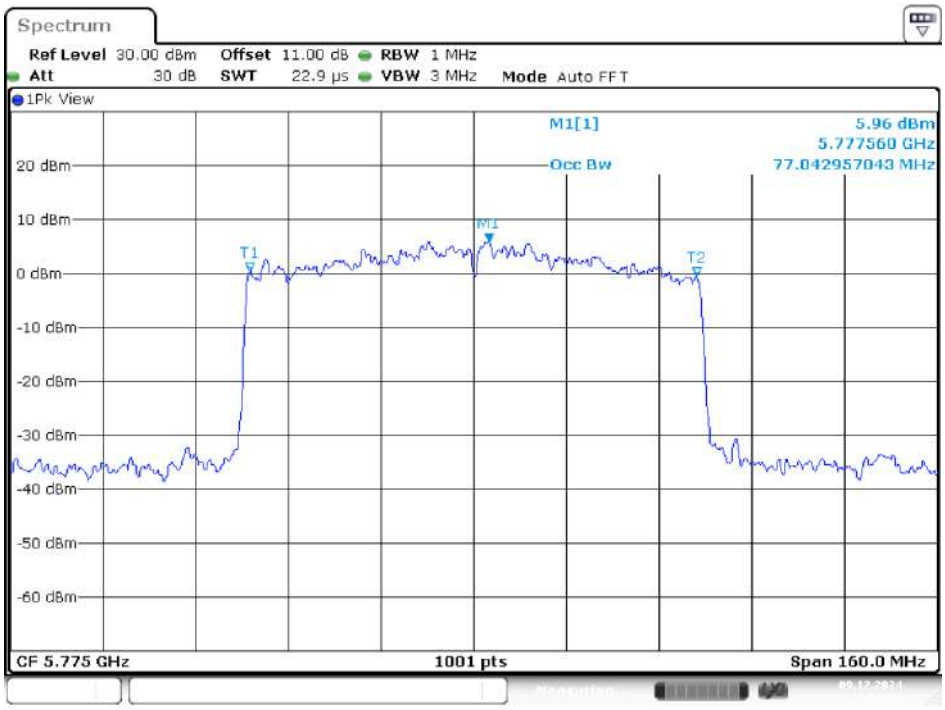
IEEE 802.11ax HE80 Mode / 5725 ~ 5850MHz (Chain 0)

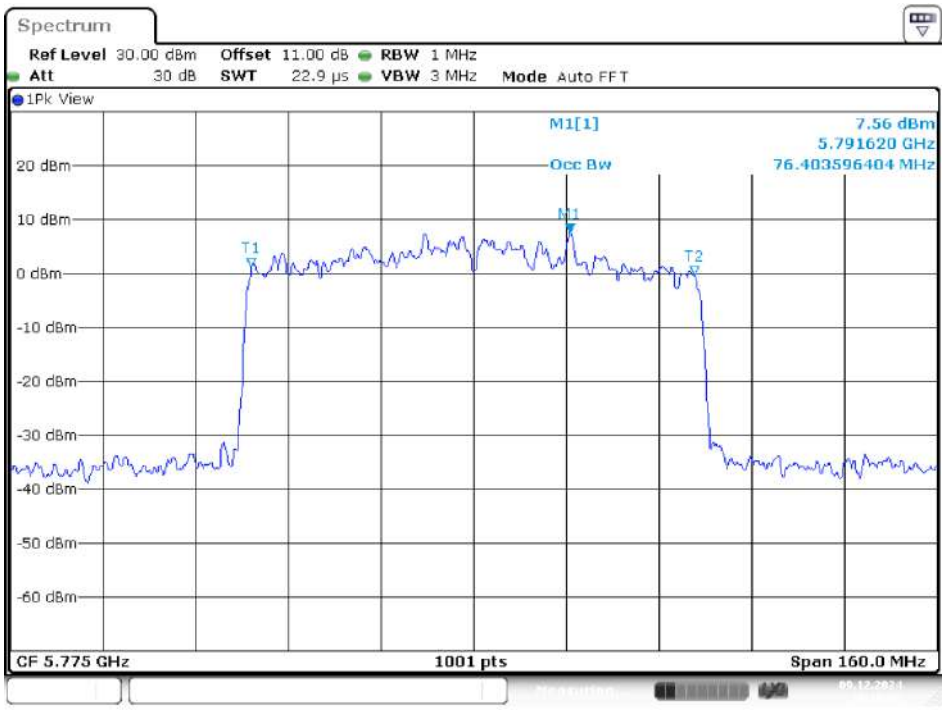
5775MHz



Date: 9.DEC.2024 11:52:26

IEEE 802.11ax HE80 Mode / 5725 ~ 5850MHz (Chain 1)

5775MHz



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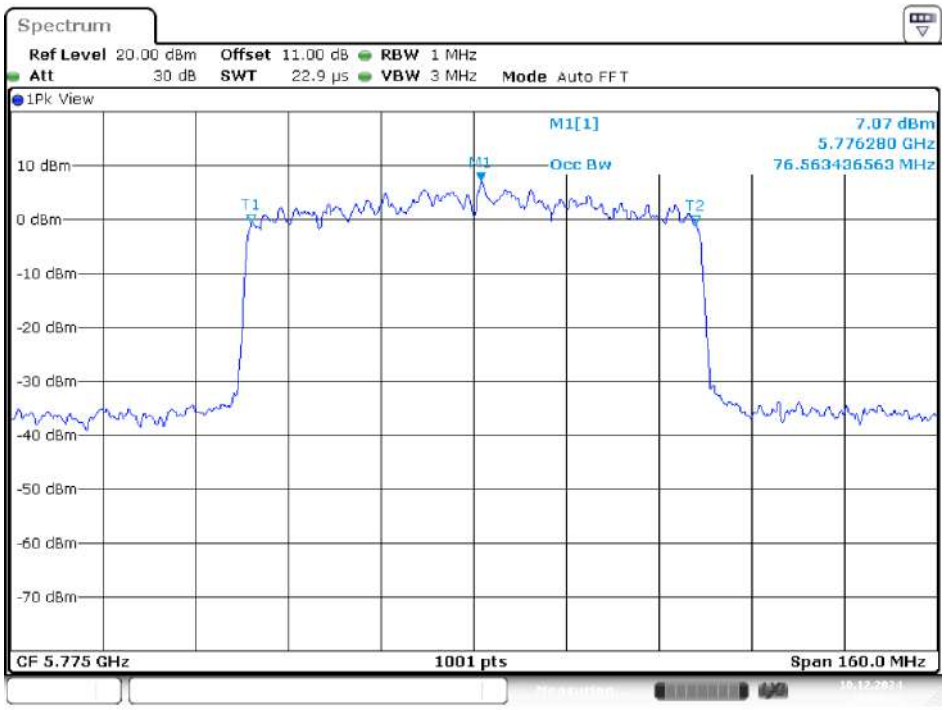
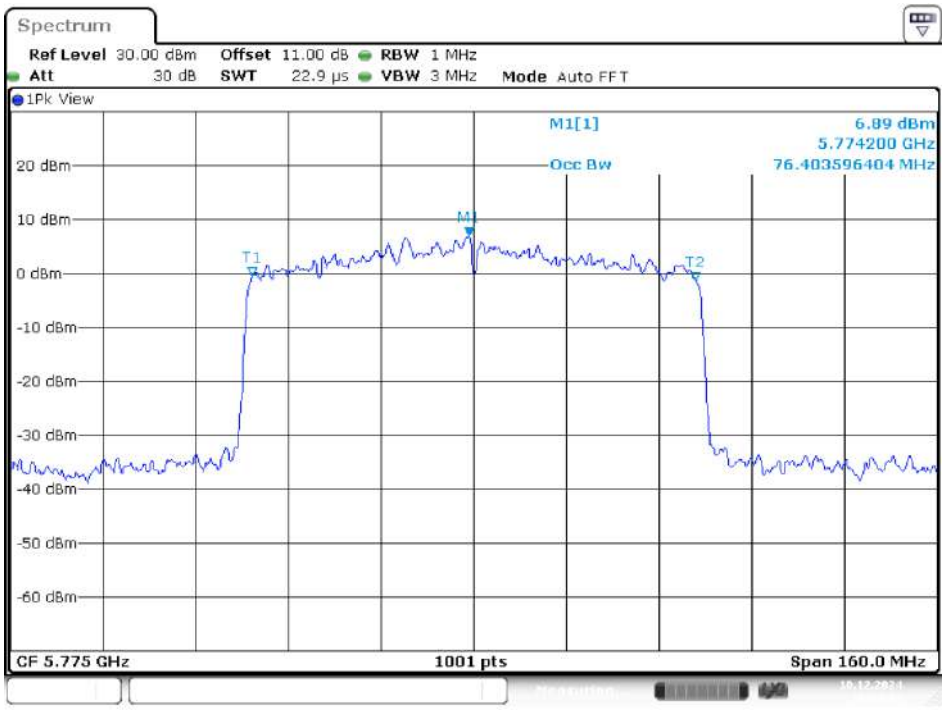
IEEE 802.11ax HE80 Mode / 5725 ~ 5850MHz (Chain 2)

5775MHz



IEEE 802.11ax HE80 Mode / 5725 ~ 5850MHz (Chain 3)

5775MHz



10 FCC §15.407(a) – Maximum Output Power

10.1 Applicable Standard

According to FCC §15.407(a):

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over thefrequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral densityshall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gaingreater than 6 dBi are used, both the maximum conducted output power and the maximum powerspectral density shall bereduced by the amount in dB that the directional gain of the antennaexceeds 6 dBi

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz 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. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

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

5150-5250MHz

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	Chain 3	Total			
802.11a	36	5180	11.71	10.76	9.13	11.24	16.83	0.32	17.15	30
	40	5200	11.51	10.47	8.94	11.08	16.62	0.32	16.94	30
	48	5240	11.55	10.31	9.48	10.91	16.65	0.32	16.97	30
802.11ac 20	36	5180	10.85	10.35	8.20	11.31	16.35	0.32	16.67	30
	40	5200	11.39	10.18	8.51	10.85	16.38	0.32	16.70	30
	48	5240	11.40	10.22	9.06	10.66	16.44	0.32	16.76	30
802.11ac 40	38	5190	13.77	12.41	12.05	13.37	18.98	0.46	19.44	30
	46	5230	13.63	12.31	12.28	13.47	18.99	0.46	19.45	30
802.11ac 80	42	5210	12.37	11.69	10.09	11.85	17.60	0.76	18.36	30
802.11ax 20	36	5180	11.74	11.31	10.14	11.97	17.37	0.32	17.69	30
	40	5200	12.19	11.01	10.28	12.11	17.49	0.32	17.81	30
	48	5240	12.38	10.96	10.15	12.01	17.48	0.32	17.80	30
802.11ax 40	38	5190	14.35	12.42	12.03	13.80	19.28	0.51	19.79	30
	46	5230	13.80	12.36	12.63	13.86	19.24	0.51	19.75	30
802.11ax 80	42	5210	12.15	11.51	10.29	11.66	17.47	0.86	18.33	30

Note: The device is a indoor access point device.

5250-5350MHz

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	Chain 3	Total			
802.11a	52	5260	11.44	10.67	9.53	11.35	16.83	0.32	17.15	24
	60	5300	11.36	10.38	10.06	11.62	16.92	0.32	17.24	23.92
	64	5320	11.33	10.59	10.02	11.14	16.82	0.32	17.14	23.93
802.11ac 20	52	5260	11.07	9.89	9.13	11.14	16.41	0.32	16.73	24
	60	5300	11.34	9.81	9.73	11.58	16.72	0.32	17.04	24
	64	5320	11.36	9.85	9.96	11.43	16.73	0.32	17.05	24
802.11ac 40	54	5270	10.65	12.59	12.48	14.32	18.72	0.46	19.18	24
	62	5310	13.59	12.28	12.43	14.48	19.31	0.46	19.77	24
802.11ac 80	58	5290	12.49	12.05	11.01	11.95	17.93	0.76	18.69	24
802.11ax 20	52	5260	12.31	10.93	10.53	12.38	17.63	0.32	17.95	24
	60	5300	11.75	10.34	9.87	11.77	17.03	0.32	17.35	24
	64	5320	11.93	10.04	10.01	11.24	16.90	0.32	17.22	24
802.11ax 40	54	5270	14.15	12.35	12.72	14.28	19.48	0.51	19.99	24
	62	5310	12.93	12.41	13.20	14.39	19.32	0.51	19.83	24
802.11ax 80	58	5290	12.13	11.58	10.81	12.08	17.70	0.86	18.56	24

5470-5725MHz

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	Chain 3	Total			
802.11a	100	5500	11.11	10.82	11.57	10.68	17.08	0.32	17.40	23.94
	116	5580	10.12	11.45	11.28	10.56	16.91	0.32	17.23	23.97
	140	5700	9.58	10.48	9.85	11.18	16.34	0.32	16.66	23.91
802.11ac 20	100	5500	10.45	9.91	11.10	10.78	16.60	0.32	16.92	24
	116	5580	9.99	10.54	10.82	10.93	16.61	0.32	16.93	24
	140	5700	9.86	10.23	10.01	10.61	16.21	0.32	16.53	24
802.11ac 40	102	5510	13.01	12.43	13.89	13.22	19.19	0.46	19.65	24
	110	5550	12.54	13.18	13.58	13.39	19.21	0.46	19.67	24
	134	5670	12.39	13.07	13.28	13.94	19.23	0.46	19.69	24
802.11ac 80	106	5530	13.93	13.62	14.98	14.89	20.42	0.76	21.18	24
	122	5610	13.22	13.97	14.25	15.53	20.35	0.76	21.11	24
802.11ax 20	100	5500	10.79	10.22	11.43	10.79	16.85	0.32	17.17	24
	116	5580	10.46	10.69	11.61	11.02	16.99	0.32	17.31	24
	140	5700	9.74	10.65	10.02	10.25	16.20	0.32	16.52	24
802.11ax 40	102	5510	11.87	12.78	13.53	12.61	18.76	0.51	19.27	24
	110	5550	11.57	12.86	13.04	12.76	18.61	0.51	19.12	24
	134	5670	11.46	13.22	12.96	12.94	18.72	0.51	19.23	24
802.11ax 80	106	5530	12.26	13.27	13.86	12.79	19.11	0.86	19.97	24
	122	5610	12.07	13.86	13.41	12.86	19.12	0.86	19.98	24

5725-5850MHz

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	Chain 3	Total			
802.11a	149	5745	11.13	11.93	11.16	11.38	17.43	0.32	17.75	30
	157	5785	10.47	11.09	11.43	11.63	17.20	0.32	17.52	30
	165	5825	10.19	10.63	11.39	11.76	17.06	0.32	17.38	30
802.11ac 20	149	5745	10.91	11.67	11.16	11.25	17.28	0.32	17.60	30
	157	5785	10.96	11.17	11.19	11.15	17.14	0.32	17.46	30
	165	5825	10.29	10.61	10.88	11.41	16.84	0.32	17.16	30
802.11ac 40	151	5755	13.73	14.45	13.75	14.05	20.03	0.46	20.49	30
	159	5795	13.43	14.38	13.73	13.43	19.78	0.46	20.24	30
802.11ac 80	155	5775	12.72	14.97	14.89	15.26	20.59	0.76	21.35	30
802.11ax 20	149	5745	11.08	11.47	11.17	10.76	17.15	0.32	17.47	30
	157	5785	10.9	11.05	11.19	11.16	17.10	0.32	17.42	30
	165	5825	10.53	10.63	10.91	11.48	16.92	0.32	17.24	30
802.11ax 40	151	5755	13.19	13.75	13.36	13.06	19.37	0.51	19.88	30
	159	5795	12.84	13.42	13.27	12.61	19.07	0.51	19.58	30
802.11ax 80	155	5775	13.51	14.06	13.55	13.55	19.69	0.86	20.55	30

5150-5250MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	36	5180	26	0	6.83	5.64	6.25	8.51	12.97	0.32	13.29	30
			26	8	8.49	6.40	5.93	8.78	13.60	0.32	13.92	30
			52	37	8.32	7.27	6.79	10.19	14.37	0.32	14.69	30
			52	40	8.76	7.71	8.27	10.14	14.84	0.32	15.16	30
			106	53	10.22	9.11	9.62	10.93	16.04	0.32	16.36	30
			106	54	10.76	9.32	9.61	11.58	16.43	0.32	16.75	30
			242	61	11.74	11.31	10.14	11.97	17.37	0.32	17.69	30
	40	5200	26	0	8.45	7.03	7.55	6.98	13.56	0.32	13.88	30
			26	8	9.17	6.88	7.80	7.70	13.99	0.32	14.31	30
			52	37	9.73	7.55	8.80	8.39	14.71	0.32	15.03	30
			52	40	9.75	8.12	8.79	9.03	14.98	0.32	15.30	30
			106	53	10.99	8.98	8.85	8.74	15.52	0.32	15.84	30
			106	54	11.42	9.19	8.99	9.65	15.95	0.32	16.27	30
			242	61	12.19	11.01	10.28	12.11	17.49	0.32	17.81	30
	48	5240	26	0	8.01	6.11	6.48	7.08	13.00	0.32	13.32	30
			26	8	6.95	5.64	6.76	7.25	12.71	0.32	13.03	30
			52	37	8.20	7.16	7.55	7.46	13.63	0.32	13.95	30
			52	40	8.37	6.81	7.28	7.95	13.66	0.32	13.98	30
			106	53	10.79	9.27	9.95	10.00	16.06	0.32	16.38	30
			106	54	10.71	9.43	10.10	9.29	15.94	0.32	16.26	30
			242	61	12.38	10.96	10.15	12.01	17.48	0.32	17.80	30
802.11ax 40	38	5190	26	0	9.35	7.63	8.29	8.79	14.58	0.51	15.09	30
			26	17	10.01	8.14	8.52	9.42	15.11	0.51	15.62	30
			52	37	10.70	8.98	9.48	10.21	15.91	0.51	16.42	30
			52	44	9.68	8.51	8.82	9.45	15.16	0.51	15.67	30
			106	53	10.20	8.88	9.22	10.10	15.66	0.51	16.17	30
			106	56	10.37	9.11	9.58	10.17	15.86	0.51	16.37	30
			242	61	13.13	11.68	11.40	13.08	18.41	0.51	18.92	30
			242	62	13.38	12.03	11.60	13.26	18.66	0.51	19.17	30
			484	65	14.35	12.42	12.03	13.80	19.28	0.51	19.79	30

802.11ax 40	46	5230	26	0	10.56	7.81	9.31	9.13	15.33	0.51	15.84	30
			26	17	10.40	8.04	9.43	9.44	15.43	0.51	15.94	30
			52	37	11.06	8.32	9.50	9.56	15.74	0.51	16.25	30
			52	44	11.44	9.12	10.46	10.29	16.43	0.51	16.94	30
			106	53	11.38	8.79	10.16	10.16	16.24	0.51	16.75	30
			106	56	11.22	8.82	10.06	10.01	16.13	0.51	16.64	30
			242	61	13.08	11.82	12.11	13.22	18.62	0.51	19.13	30
			242	62	13.33	12.08	12.22	13.29	18.79	0.51	19.30	30
			484	65	13.80	12.36	12.63	13.86	19.24	0.51	19.75	30
802.11ax 80	42	5210	26	0	7.34	6.93	7.30	7.05	13.18	0.86	14.04	30
			26	36	7.76	7.12	7.53	7.32	13.46	0.86	14.32	30
			52	37	7.72	7.07	7.49	7.28	13.42	0.86	14.28	30
			52	52	7.79	7.56	7.58	7.22	13.56	0.86	14.42	30
			106	53	8.29	7.94	7.53	7.53	13.85	0.86	14.71	30
			106	60	8.27	8.20	8.16	7.86	14.15	0.86	15.01	30
			242	61	10.31	9.79	9.39	9.74	15.84	0.86	16.70	30
			242	64	9.94	10.10	9.61	9.81	15.89	0.86	16.75	30
			484	65	10.37	10.14	10.25	9.91	16.19	0.86	17.05	30
			484	66	10.49	10.35	9.93	9.81	16.17	0.86	17.03	30
			996	67	12.15	11.51	10.29	11.66	17.47	0.86	18.33	30

Note: The device is a indoor access point device.

5250-5350MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	52	5260	26	0	6.72	5.57	6.77	7.32	12.66	0.32	12.98	24
			26	8	7.96	5.01	6.78	7.90	13.09	0.32	13.41	24
			52	37	8.60	6.20	10.27	8.19	14.57	0.32	14.89	24
			52	40	9.11	6.92	7.66	9.22	14.35	0.32	14.67	24
			106	53	10.20	8.91	9.34	10.55	15.82	0.32	16.14	24
			106	54	10.62	8.27	9.33	10.30	15.74	0.32	16.06	24
			242	61	12.31	10.93	10.53	12.38	17.63	0.32	17.95	24
	60	5300	26	0	7.51	6.31	5.73	7.78	12.93	0.32	13.25	24
			26	8	7.95	6.13	6.00	8.00	13.14	0.32	13.46	24
			52	37	8.98	6.97	6.48	7.68	13.65	0.32	13.97	24
			52	40	9.87	8.57	6.81	8.62	14.62	0.32	14.94	24
			106	53	11.43	8.68	8.26	10.44	15.92	0.32	16.24	24
			106	54	11.36	9.71	7.94	10.30	16.02	0.32	16.34	24
			242	61	11.75	10.34	9.87	11.77	17.03	0.32	17.35	24
	64	5320	26	0	8.15	7.74	6.41	7.53	13.52	0.32	13.84	24
			26	8	7.59	7.06	5.86	7.38	13.04	0.32	13.36	24
			52	37	8.18	7.68	6.59	8.74	13.89	0.32	14.21	24
			52	40	9.00	7.70	6.98	9.42	14.40	0.32	14.72	24
			106	53	10.77	9.41	8.23	9.55	15.60	0.32	15.92	24
			106	54	9.73	9.32	8.57	9.97	15.45	0.32	15.77	24
			242	61	11.93	10.04	10.01	11.24	16.90	0.32	17.22	24
802.11ax 40	54	5270	26	0	9.26	7.11	7.68	8.73	14.30	0.51	14.81	24
			26	17	9.61	7.88	8.20	9.41	14.86	0.51	15.37	24
			52	37	10.65	8.36	9.20	10.48	15.79	0.51	16.30	24
			52	44	10.83	8.52	9.45	10.48	15.93	0.51	16.44	24
			106	53	11.26	9.02	9.71	11.08	16.39	0.51	16.90	24
			106	56	11.23	9.01	9.64	10.91	16.31	0.51	16.82	24
			242	61	13.35	11.80	11.85	13.05	18.59	0.51	19.10	24
			242	62	13.68	12.23	12.11	13.26	18.89	0.51	19.40	24
			484	65	14.15	12.35	12.72	14.28	19.48	0.51	19.99	24

802.11ax 40	62	5310	26	0	9.40	8.19	9.65	10.33	15.48	0.51	15.99	24
			26	17	9.39	8.09	9.43	10.05	15.32	0.51	15.83	24
			52	37	9.58	9.35	9.63	10.64	15.85	0.51	16.36	24
			52	44	10.05	9.37	10.19	10.79	16.15	0.51	16.66	24
			106	53	10.59	9.76	10.76	11.29	16.65	0.51	17.16	24
			106	56	10.76	9.83	10.81	11.34	16.74	0.51	17.25	24
			242	61	12.66	12.12	12.91	14.07	19.02	0.51	19.53	24
			242	62	12.70	12.37	12.95	14.10	19.10	0.51	19.61	24
			484	65	12.93	12.41	13.20	14.39	19.32	0.51	19.83	24
802.11ax 80	58	5290	26	0	6.45	6.51	6.93	6.28	12.57	0.86	13.43	24
			26	36	6.47	6.18	6.73	6.24	12.43	0.86	13.29	24
			52	37	6.54	6.88	7.67	6.76	13.00	0.86	13.86	24
			52	52	6.56	6.96	7.46	6.93	13.01	0.86	13.87	24
			106	53	7.38	7.53	8.54	7.59	13.81	0.86	14.67	24
			106	60	8.03	8.11	8.96	8.22	14.37	0.86	15.23	24
			242	61	9.08	8.87	9.14	8.56	14.94	0.86	15.80	24
			242	64	9.04	9.46	9.96	8.86	15.37	0.86	16.23	24
			484	65	9.65	9.64	10.20	9.57	15.79	0.86	16.65	24
			484	66	9.51	9.73	10.11	9.29	15.69	0.86	16.55	24
			996	67	12.13	11.58	10.81	12.08	17.70	0.86	18.56	24

5470-5725MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	100	5500	26	0	7.80	6.41	6.85	6.49	12.94	0.32	13.26	24
			26	8	7.81	5.28	6.71	7.16	12.86	0.32	13.18	24
			52	37	8.62	6.97	8.23	7.99	14.01	0.32	14.33	24
			52	40	8.78	7.50	7.60	7.81	13.97	0.32	14.29	24
			106	53	10.35	9.00	9.49	9.65	15.67	0.32	15.99	24
			106	54	10.38	9.03	9.90	9.97	15.87	0.32	16.19	24
			242	61	10.79	10.22	11.43	10.79	16.85	0.32	17.17	24
	116	5580	26	0	6.77	5.79	6.61	7.24	12.65	0.32	12.97	24
			26	8	5.82	5.40	6.36	6.51	12.07	0.32	12.39	24
			52	37	7.75	6.84	8.13	8.26	13.80	0.32	14.12	24
			52	40	7.92	6.85	7.48	7.98	13.60	0.32	13.92	24
			106	53	9.71	7.05	9.77	9.19	15.08	0.32	15.40	24
			106	54	9.54	8.46	9.40	10.22	15.47	0.32	15.79	24
			242	61	10.46	10.69	11.61	11.02	16.99	0.32	17.31	24
	140	5700	26	0	7.10	7.18	5.57	6.67	12.70	0.32	13.02	24
			26	8	7.20	8.05	6.21	7.42	13.29	0.32	13.61	24
			52	37	6.70	7.79	6.16	6.49	12.85	0.32	13.17	24
			52	40	7.31	8.20	5.65	7.17	13.20	0.32	13.52	24
			106	53	8.95	9.22	6.81	8.64	14.52	0.32	14.84	24
			106	54	8.76	9.42	7.84	8.73	14.74	0.32	15.06	24
			242	61	9.74	10.65	10.02	10.25	16.20	0.32	16.52	24
802.11ax 40	102	5510	26	0	8.16	9.32	8.55	8.45	14.66	0.51	15.17	24
			26	17	8.70	9.96	9.29	9.09	15.30	0.51	15.81	24
			52	37	8.85	10.16	9.59	9.47	15.56	0.51	16.07	24
			52	44	9.32	10.35	10.29	9.94	16.01	0.51	16.52	24
			106	53	9.51	10.67	10.53	10.13	16.25	0.51	16.76	24
			106	56	10.22	11.22	10.89	10.44	16.73	0.51	17.24	24
			242	61	11.73	12.67	12.56	12.18	18.32	0.51	18.83	24
			242	62	11.86	12.71	13.30	12.19	18.57	0.51	19.08	24
			484	65	11.87	12.78	13.53	12.61	18.76	0.51	19.27	24

802.11ax 40	110	5550	26	0	8.85	8.46	8.50	8.52	14.61	0.51	15.12	24
			26	17	9.25	9.14	9.60	9.99	15.53	0.51	16.04	24
			52	37	9.35	9.50	9.91	10.19	15.77	0.51	16.28	24
			52	44	9.63	9.97	10.38	10.22	16.08	0.51	16.59	24
			106	53	9.71	10.54	11.04	10.53	16.50	0.51	17.01	24
			106	56	9.97	10.63	11.04	10.67	16.61	0.51	17.12	24
			242	61	11.29	11.80	12.15	11.88	17.81	0.51	18.32	24
			242	62	11.32	12.26	12.48	12.47	18.18	0.51	18.69	24
			484	65	11.57	12.86	13.04	12.76	18.61	0.51	19.12	24
	134	5670	26	0	8.40	7.14	8.56	9.50	14.50	0.51	15.01	24
			26	17	8.96	7.54	8.90	10.00	14.96	0.51	15.47	24
			52	37	9.26	8.06	9.64	10.56	15.49	0.51	16.00	24
			52	44	9.95	9.50	10.95	11.84	16.68	0.51	17.19	24
			106	53	10.23	9.71	11.30	12.13	16.97	0.51	17.48	24
			106	56	10.38	10.54	11.95	12.63	17.50	0.51	18.01	24
			242	61	10.76	10.76	12.12	12.88	17.75	0.51	18.26	24
			242	62	11.16	11.34	12.91	12.90	18.18	0.51	18.69	24
			484	65	11.46	13.22	12.96	12.94	18.72	0.51	19.23	24
802.11ax 80	106	5530	26	0	8.26	7.10	7.80	7.58	13.73	0.86	14.59	24
			26	36	8.64	7.02	8.43	7.93	14.07	0.86	14.93	24
			52	37	8.52	7.15	7.91	7.53	13.83	0.86	14.69	24
			52	52	8.61	7.40	8.90	8.15	14.32	0.86	15.18	24
			106	53	9.60	7.14	9.04	8.29	14.63	0.86	15.49	24
			106	60	9.89	8.00	9.32	8.57	15.02	0.86	15.88	24
			242	61	9.74	8.82	9.89	9.41	15.50	0.86	16.36	24
			242	64	9.53	8.21	9.33	9.15	15.10	0.86	15.96	24
			484	65	11.93	10.93	11.75	11.47	17.56	0.86	18.42	24
			484	66	11.94	10.74	11.60	10.89	17.34	0.86	18.20	24
			996	67	12.26	13.27	13.86	12.79	19.11	0.86	19.97	24

802.11ax 80	122	5610	26	0	6.75	5.39	7.45	6.97	12.72	0.86	13.58	24
			26	36	6.42	5.03	6.90	6.39	12.26	0.86	13.12	24
			52	37	6.57	5.56	7.50	6.97	12.73	0.86	13.59	24
			52	52	6.60	5.10	7.22	6.82	12.53	0.86	13.39	24
			106	53	7.82	5.44	8.10	7.80	13.43	0.86	14.29	24
			106	60	6.90	6.04	8.42	7.00	13.20	0.86	14.06	24
			242	61	8.71	7.03	8.93	8.62	14.40	0.86	15.26	24
			242	64	8.49	7.24	8.74	8.72	14.36	0.86	15.22	24
			484	65	11.31	9.87	12.09	11.15	17.20	0.86	18.06	24
			484	66	11.28	10.17	12.47	11.45	17.44	0.86	18.30	24
			996	67	12.26	13.27	13.86	12.79	19.11	0.86	19.97	24

5725-5850MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	149	5745	26	0	7.46	5.78	8.73	8.09	13.67	0.32	13.99	30
			26	8	6.96	6.15	8.63	8.13	13.60	0.32	13.92	30
			52	37	7.77	7.60	9.66	8.71	14.54	0.32	14.86	30
			52	40	8.84	7.92	9.40	8.50	14.72	0.32	15.04	30
			106	53	8.51	7.81	10.37	9.81	15.26	0.32	15.58	30
			106	54	9.71	8.36	10.81	9.99	15.82	0.32	16.14	30
			242	61	11.08	11.47	11.17	10.76	17.15	0.32	17.47	30
	157	5785	26	0	6.57	6.21	7.10	7.75	12.97	0.32	13.29	30
			26	8	7.63	6.59	6.90	7.67	13.24	0.32	13.56	30
			52	37	8.60	6.56	8.82	9.40	14.49	0.32	14.81	30
			52	40	8.02	7.55	8.13	9.19	14.29	0.32	14.61	30
			106	53	9.68	8.65	9.09	10.38	15.52	0.32	15.84	30
			106	54	9.79	9.45	9.46	10.41	15.82	0.32	16.14	30
			242	61	10.90	11.05	11.19	11.16	17.10	0.32	17.42	30
	165	5825	26	0	7.68	6.62	7.42	8.61	13.66	0.32	13.98	30
			26	8	7.55	7.10	7.78	8.78	13.87	0.32	14.19	30
			52	37	8.63	8.26	9.10	9.43	14.90	0.32	15.22	30
			52	40	8.84	8.13	8.76	9.49	14.85	0.32	15.17	30
			106	53	9.74	8.82	9.50	10.55	15.72	0.32	16.04	30
			106	54	9.40	8.61	9.64	10.80	15.71	0.32	16.03	30
			242	61	10.53	10.63	10.91	11.48	16.92	0.32	17.24	30
802.11ax 40	151	5775	26	0	10.80	9.72	10.25	10.60	16.38	0.51	16.89	30
			26	17	10.46	9.35	9.90	10.10	15.99	0.51	16.50	30
			52	37	12.00	11.38	11.41	11.69	17.65	0.51	18.16	30
			52	44	11.49	10.98	11.22	11.44	17.31	0.51	17.82	30
			106	53	11.96	11.42	11.66	11.80	17.74	0.51	18.25	30
			106	56	12.12	11.68	11.79	12.05	17.93	0.51	18.44	30
			242	61	12.95	12.36	12.38	12.30	18.53	0.51	19.04	30
			242	62	13.08	12.97	12.94	12.74	18.95	0.51	19.46	30
			484	65	13.19	13.75	13.36	13.06	19.37	0.51	19.88	30

802.11ax 40	159	5795	26	0	10.87	11.32	10.33	10.41	16.77	0.51	17.28	30
			26	17	10.64	10.71	9.82	10.16	16.37	0.51	16.88	30
			52	37	11.16	11.74	10.60	10.62	17.08	0.51	17.59	30
			52	44	10.68	11.51	10.36	10.38	16.78	0.51	17.29	30
			106	53	11.64	12.08	11.11	11.25	17.56	0.51	18.07	30
			106	56	11.63	12.10	11.16	11.24	17.57	0.51	18.08	30
			242	61	12.34	12.86	12.26	12.00	18.40	0.51	18.91	30
			242	62	12.80	13.32	12.68	12.51	18.86	0.51	19.37	30
			484	65	12.84	13.42	13.27	12.61	19.07	0.51	19.58	30
802.11ax 80	155	5775	26	0	7.15	7.05	7.25	7.98	13.39	0.86	14.25	30
			26	36	6.87	7.59	7.15	8.12	13.48	0.86	14.34	30
			52	37	7.41	7.21	7.18	8.27	13.56	0.86	14.42	30
			52	52	7.60	7.82	7.40	8.41	13.84	0.86	14.70	30
			106	53	7.79	8.41	7.80	8.75	14.23	0.86	15.09	30
			106	60	8.14	8.94	8.25	9.00	14.62	0.86	15.48	30
			242	61	8.34	8.80	8.45	9.55	14.83	0.86	15.69	30
			242	64	9.24	9.03	8.23	9.36	15.01	0.86	15.87	30
			484	65	11.22	11.15	11.16	11.87	17.38	0.86	18.24	30
			484	66	11.55	11.99	11.33	12.10	17.77	0.86	18.63	30
			996	67	13.51	14.06	13.55	13.55	19.69	0.86	20.55	30

Note:

According to 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 an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

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 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.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6dBi 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 6dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

11.2 Test Procedure

The measurements are base on FCC KDB 789033 D02 General UNII Test Procedyres 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 ±2%

Method SA-2 was used.

11.3 Test Results

Test Mode: Transmitting

5150-5250MHz

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	Chain 3	Total			
802.11a	36	5180	0.24	-0.17	-1.31	1.04	6.05	0.32	6.37	12.82
	40	5200	-0.12	-0.49	-1.03	0.27	5.70	0.32	6.02	12.82
	48	5240	-0.11	0.35	-1.27	-0.05	5.79	0.32	6.11	12.82
802.11ac 20	36	5180	-0.12	-0.49	-2.43	-0.01	5.36	0.32	5.68	12.82
	40	5200	-0.33	0.19	-2.16	0.15	5.58	0.32	5.90	12.82
	48	5240	-0.38	-0.61	-1.71	0.10	5.42	0.32	5.74	12.82
802.11ac 40	38	5190	-0.62	-0.09	-2.07	0.54	5.56	0.46	6.02	12.82
	46	5230	-1.48	-0.27	-2.16	-0.02	5.12	0.46	5.58	12.82
802.11ac 80	42	5210	-4.88	-4.66	-6.68	-4.29	0.98	0.76	1.74	12.82
802.11ax 20	36	5180	-0.02	0.89	-0.69	-0.77	5.93	0.32	6.25	12.82
	40	5200	-0.58	0.30	-1.11	0.97	5.99	0.32	6.31	12.82
	48	5240	-0.15	0.02	-1.22	0.49	5.85	0.32	6.17	12.82
802.11ax 40	38	5190	-0.11	-0.93	-1.61	-0.32	5.32	0.51	5.83	12.82
	46	5230	-1.08	-0.45	-1.27	-0.46	5.22	0.51	5.73	12.82
802.11ax 80	42	5210	-5.41	-5.85	-7.00	-5.40	0.15	0.86	1.01	12.82

Note: The device is a indoor access point device.

5250-5350MHz

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	Chain 3	Total			
802.11a	52	5260	-0.19	-0.68	-1.35	0.69	5.70	0.32	6.02	6.82
	60	5300	0.25	0.07	-1.12	2.02	6.47	0.32	6.79	6.82
	64	5320	0.07	-0.14	-1.63	2.10	6.33	0.32	6.65	6.82
802.11ac 20	52	5260	-0.86	-0.04	-1.46	0.48	5.61	0.32	5.93	6.82
	60	5300	-0.44	-0.48	-1.41	1.10	5.81	0.32	6.13	6.82
	64	5320	-0.50	-0.54	-1.20	0.81	5.73	0.32	6.05	6.82
802.11ac 40	54	5270	-1.25	-1.08	-1.79	-0.13	5.00	0.46	5.46	6.82
	62	5310	-1.12	0.69	-1.22	-0.42	5.57	0.46	6.03	6.82
802.11ac 80	58	5290	-4.74	-4.39	-5.15	-3.66	1.57	0.76	2.33	6.82
802.11ax 20	52	5260	-0.06	0.47	-0.51	-0.07	5.99	0.32	6.31	6.82
	60	5300	-0.74	-0.41	0.03	0.18	5.80	0.32	6.12	6.82
	64	5320	0.21	-0.84	0.32	-0.37	5.88	0.32	6.20	6.82
802.11ax 40	54	5270	-0.54	-0.51	-0.62	-0.47	5.49	0.51	6.00	6.82
	62	5310	-0.68	-0.40	-0.71	-0.02	5.58	0.51	6.09	6.82
802.11ax 80	58	5290	-4.56	-5.17	-6.52	-4.59	0.88	0.86	1.74	6.82

5470-5725MHz

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	Chain 3	Total			
802.11a	100	5500	-0.22	0.30	1.02	0.03	6.33	0.32	6.65	7.20
	116	5580	-0.57	0.81	0.77	0.28	6.38	0.32	6.70	7.20
	140	5700	-1.07	1.41	-1.54	0.04	5.88	0.32	6.20	7.20
802.11ac 20	100	5500	-1.31	-0.25	0.22	0.12	5.76	0.32	6.08	7.20
	116	5580	-1.13	0.96	-0.23	0.11	6.01	0.32	6.33	7.20
	140	5700	-1.87	-0.54	-0.86	-0.95	4.99	0.32	5.31	7.20
802.11ac 40	102	5510	-1.13	-0.05	0.24	-1.17	5.54	0.46	6.00	7.20
	110	5550	-1.25	0.84	-0.49	-1.20	5.58	0.46	6.04	7.20
	134	5670	-1.74	1.08	-0.26	-1.42	5.58	0.46	6.04	7.20
802.11ac 80	106	5530	-2.03	-1.03	-0.70	-2.26	4.57	0.76	5.33	7.20
	122	5610	-1.99	0.05	-1.31	-2.66	4.66	0.76	5.42	7.20
802.11ax 20	100	5500	-0.96	0.06	0.73	-0.27	5.95	0.32	6.27	7.20
	116	5580	-0.65	0.72	0.42	-0.52	6.05	0.32	6.37	7.20
	140	5700	-1.67	-1.62	-0.07	-1.00	4.98	0.32	5.30	7.20
802.11ax 40	102	5510	-1.75	-2.14	-0.99	-1.71	4.39	0.51	4.90	7.20
	110	5550	-2.42	-1.33	-1.18	-1.69	4.39	0.51	4.90	7.20
	134	5670	-1.99	0.92	-0.95	-1.89	5.21	0.51	5.72	7.20
802.11ax 80	106	5530	-4.91	-2.66	-3.11	-3.68	2.51	0.86	3.37	7.20
	122	5610	-4.52	-2.25	-3.64	-4.20	2.46	0.86	3.32	7.20

5725-5850MHz

Mode	Channel	Frequency (MHz)	Power Spectral Density (dBm/500kHz)					Duty Factor (dB)	Power Spectral Density with duty factor (dBm/500kHz)	Limit (dBm/500kHz)
			Chain 0	Chain 1	Chain 2	Chain 3	Total			
802.11a	149	5745	-1.69	-0.57	-3.00	-2.89	4.10	0.32	4.42	26.22
	157	5785	-2.21	-1.52	-2.01	-3.06	3.86	0.32	4.18	26.22
	165	5825	-3.13	-2.28	-2.58	-3.08	3.27	0.32	3.59	26.22
802.11ac 20	149	5745	-1.87	-1.03	-2.45	-3.03	3.99	0.32	4.31	26.22
	157	5785	-2.39	-2.32	-2.90	-3.29	3.31	0.32	3.63	26.22
	165	5825	-3.03	-3.77	-3.69	-3.12	2.63	0.32	2.95	26.22
802.11ac 40	151	5755	-1.53	-1.53	-2.64	-3.51	3.80	0.46	4.26	26.22
	159	5795	-2.19	-3.20	-2.66	-3.19	3.23	0.46	3.69	26.22
802.11ac 80	155	5775	-5.04	-5.08	-4.79	-5.28	0.98	0.76	1.74	26.22
802.11ax 20	149	5745	-3.15	-1.45	-2.60	-3.52	3.41	0.32	3.73	26.22
	157	5785	-4.04	-3.03	-2.72	-4.11	2.59	0.32	2.91	26.22
	165	5825	-4.97	-4.85	-3.10	-3.32	2.04	0.32	2.36	26.22
802.11ax 40	151	5755	-4.51	-3.07	-3.73	-4.66	2.08	0.51	2.59	26.22
	159	5795	-4.83	-4.73	-3.98	-4.59	1.50	0.51	2.01	26.22
802.11ax 80	155	5775	-6.25	-6.00	-5.98	-6.87	-0.24	0.86	0.62	26.22

Note:

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

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

Directional gain = Band 1: 10.18 dBi , Band 2: 10.18 dBi , Band 3: 9.80 dBi , Band 4: 9.78 dBi

The Power density Limits was reduce Band 1: 4.18 dB , Band 2: 4.18 dB , Band 3: 3.8 dB , Band 4: 3.78 dB

5150-5250MHz partial RU

Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	36	5180	26	0	-4.91	-4.79	-4.56	-4.23	1.41	0.32	1.73	12.82
			26	8	-3.27	-4.02	-4.88	-3.94	2.03	0.32	2.35	12.82
			52	37	-3.43	-3.14	-4.02	-2.53	2.77	0.32	3.09	12.82
			52	40	-2.99	-2.71	-2.57	-2.61	3.30	0.32	3.62	12.82
			106	53	-1.53	-1.32	-1.22	-1.82	4.55	0.32	4.87	12.82
			106	54	-1.01	-1.10	-1.23	-1.16	4.90	0.32	5.22	12.82
			242	61	-0.02	0.89	-0.69	-0.77	5.93	0.32	6.25	12.82
	40	5200	26	0	-4.30	-3.67	-3.83	-4.14	2.04	0.32	2.36	12.82
			26	8	-3.60	-3.81	-3.57	-3.42	2.42	0.32	2.74	12.82
			52	37	-3.03	-3.14	-2.60	-2.74	3.15	0.32	3.47	12.82
			52	40	-3.02	-2.59	-2.61	-2.09	3.46	0.32	3.78	12.82
			106	53	-1.76	-1.71	-2.53	-2.41	3.93	0.32	4.25	12.82
			106	54	-1.36	-1.52	-2.41	-1.47	4.35	0.32	4.67	12.82
			242	61	-0.58	0.30	-1.11	0.97	5.99	0.32	6.31	12.82
	48	5240	26	0	-4.50	-4.82	-4.90	-4.42	1.37	0.32	1.69	12.82
			26	8	-5.59	-5.28	-4.61	-4.26	1.12	0.32	1.44	12.82
			52	37	-4.33	-3.77	-3.81	-4.05	2.04	0.32	2.36	12.82
			52	40	-4.17	-4.13	-4.07	-3.57	2.04	0.32	2.36	12.82
			106	53	-1.74	-1.65	-1.41	-1.50	4.45	0.32	4.77	12.82
			106	54	-1.83	-1.52	-1.26	-2.23	4.33	0.32	4.65	12.82
			242	61	-0.15	0.02	-1.22	0.49	5.85	0.32	6.17	12.82
802.11ax 40	38	5190	26	0	-5.12	-5.71	-5.35	-5.33	0.65	0.51	1.16	12.82
			26	17	-4.45	-5.20	-5.11	-4.70	1.17	0.51	1.68	12.82
			52	37	-3.74	-4.35	-4.16	-3.90	1.99	0.51	2.50	12.82
			52	44	-4.79	-4.85	-4.83	-4.66	1.24	0.51	1.75	12.82
			106	53	-4.25	-4.48	-4.42	-4.01	1.73	0.51	2.24	12.82
			106	56	-4.07	-4.22	-4.04	-3.96	1.95	0.51	2.46	12.82
			242	61	-1.31	-1.68	-2.24	-1.02	4.48	0.51	4.99	12.82
			242	62	-1.08	-1.31	-2.02	-0.86	4.72	0.51	5.23	12.82
			484	65	-0.11	-0.93	-1.61	-0.32	5.32	0.51	5.83	12.82

802.11ax 40	46	5230	26	0	-4.33	-5.00	-4.60	-5.18	1.26	0.51	1.77	12.82
			26	17	-4.46	-4.75	-4.48	-4.87	1.38	0.51	1.89	12.82
			52	37	-3.81	-4.50	-4.41	-4.75	1.67	0.51	2.18	12.82
			52	44	-3.42	-3.68	-3.44	-4.01	2.39	0.51	2.90	12.82
			106	53	-3.50	-4.03	-3.74	-4.17	2.17	0.51	2.68	12.82
			106	56	-3.66	-3.99	-3.84	-4.30	2.08	0.51	2.59	12.82
			242	61	-1.79	-0.97	-1.77	-1.09	4.63	0.51	5.14	12.82
			242	62	-1.56	-0.73	-1.67	-1.02	4.79	0.51	5.30	12.82
			484	65	-1.08	-0.45	-1.27	-0.46	5.22	0.51	5.73	12.82
802.11ax 80	42	5210	26	0	-10.20	-10.42	-9.97	-9.99	-4.12	0.86	-3.26	12.82
			26	36	-9.79	-10.22	-9.74	-9.75	-3.85	0.86	-2.99	12.82
			52	37	-9.85	-10.28	-9.81	-9.78	-3.90	0.86	-3.04	12.82
			52	52	-9.76	-9.78	-9.69	-9.83	-3.74	0.86	-2.88	12.82
			106	53	-9.26	-9.40	-9.74	-9.52	-3.46	0.86	-2.60	12.82
			106	60	-9.27	-9.16	-9.13	-9.18	-3.16	0.86	-2.30	12.82
			242	61	-7.24	-7.57	-7.90	-7.32	-1.48	0.86	-0.62	12.82
			242	64	-7.60	-7.25	-7.69	-7.25	-1.42	0.86	-0.56	12.82
			484	65	-7.19	-7.23	-7.03	-7.16	-1.13	0.86	-0.27	12.82
			484	66	-7.08	-7.02	-7.34	-7.23	-1.15	0.86	-0.29	12.82
			996	67	-5.41	-5.85	-7.00	-5.40	0.15	0.86	1.01	12.82

Note: The device is a indoor access point device.

5250-5350MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	52	5260	26	0	-5.63	-4.89	-4.27	-5.11	1.07	0.32	1.39	6.82
			26	8	-4.39	-5.44	-4.27	-4.56	1.38	0.32	1.70	6.82
			52	37	-3.77	-4.24	-3.75	-4.26	2.02	0.32	2.34	6.82
			52	40	-3.24	-3.52	-3.38	-3.21	2.68	0.32	3.00	6.82
			106	53	-2.15	-1.56	-1.68	-1.88	4.21	0.32	4.53	6.82
			106	54	-1.75	-2.18	-1.71	-2.16	4.08	0.32	4.40	6.82
			242	61	-0.06	0.47	-0.51	-0.07	5.99	0.32	6.31	6.82
	60	5300	26	0	-4.96	-4.45	-4.11	-3.80	1.71	0.32	2.03	6.82
			26	8	-4.53	-4.62	-3.83	-3.58	1.90	0.32	2.22	6.82
			52	37	-3.49	-3.77	-3.35	-3.92	2.39	0.32	2.71	6.82
			52	40	-2.60	-2.16	-3.04	-2.95	3.35	0.32	3.67	6.82
			106	53	-1.04	-2.07	-1.57	-1.16	4.58	0.32	4.90	6.82
			106	54	-1.13	-1.04	-1.89	-1.27	4.70	0.32	5.02	6.82
			242	61	-0.74	-0.41	0.03	0.18	5.80	0.32	6.12	6.82
	64	5320	26	0	-3.56	-3.13	-3.28	-4.07	2.53	0.32	2.85	6.82
			26	8	-4.12	-3.81	-3.84	-4.21	2.03	0.32	2.35	6.82
			52	37	-3.55	-3.20	-3.10	-2.86	2.85	0.32	3.17	6.82
			52	40	-2.70	-3.17	-2.72	-2.19	3.34	0.32	3.66	6.82
			106	53	-0.94	-1.48	-1.46	-2.05	4.56	0.32	4.88	6.82
			106	54	-1.99	-1.54	-1.11	-1.62	4.47	0.32	4.79	6.82
			242	61	0.21	-0.84	0.32	-0.37	5.88	0.32	6.20	6.82
802.11ax 40	54	5270	26	0	-5.41	-5.76	-5.65	-6.00	0.32	0.51	0.83	6.82
			26	17	-5.09	-4.98	-5.14	-5.33	0.89	0.51	1.40	6.82
			52	37	-4.03	-4.50	-4.14	-4.28	1.79	0.51	2.30	6.82
			52	44	-3.87	-4.32	-3.90	-4.25	1.94	0.51	2.45	6.82
			106	53	-3.42	-3.82	-3.61	-3.68	2.39	0.51	2.90	6.82
			106	56	-3.46	-3.85	-3.68	-3.83	2.32	0.51	2.83	6.82
			242	61	-1.35	-1.05	-1.48	-1.68	4.64	0.51	5.15	6.82
			242	62	-0.99	-0.63	-1.21	-1.50	4.95	0.51	5.46	6.82
			484	65	-0.54	-0.51	-0.62	-0.47	5.49	0.51	6.00	6.82

802.11ax 40	62	5310	26	0	-4.20	-4.60	-4.26	-4.09	1.74	0.51	2.25	6.82
			26	17	-4.21	-4.71	-4.47	-4.34	1.59	0.51	2.10	6.82
			52	37	-4.03	-3.47	-4.26	-3.75	2.15	0.51	2.66	6.82
			52	44	-3.56	-3.44	-3.71	-3.62	2.44	0.51	2.95	6.82
			106	53	-3.00	-3.03	-3.16	-3.12	2.94	0.51	3.45	6.82
			106	56	-2.85	-2.96	-3.11	-3.08	3.02	0.51	3.53	6.82
			242	61	-0.96	-0.68	-0.98	-0.35	5.29	0.51	5.80	6.82
			242	62	-0.89	-0.42	-0.95	-0.32	5.38	0.51	5.89	6.82
			484	65	-0.68	-0.40	-0.71	-0.02	5.58	0.51	6.09	6.82
802.11ax 80	58	5290	26	0	-10.25	-10.22	-10.40	-10.37	-4.29	0.86	-3.43	6.82
			26	36	-10.20	-10.56	-10.59	-10.44	-4.42	0.86	-3.56	6.82
			52	37	-10.14	-9.86	-9.66	-9.90	-3.87	0.86	-3.01	6.82
			52	52	-10.11	-9.77	-9.86	-9.72	-3.84	0.86	-2.98	6.82
			106	53	-9.31	-9.22	-8.80	-9.07	-3.08	0.86	-2.22	6.82
			106	60	-8.64	-8.63	-8.36	-8.46	-2.50	0.86	-1.64	6.82
			242	61	-7.62	-7.89	-8.18	-8.11	-1.92	0.86	-1.06	6.82
			242	64	-7.65	-7.28	-7.38	-7.80	-1.50	0.86	-0.64	6.82
			484	65	-7.02	-7.11	-7.11	-7.09	-1.06	0.86	-0.20	6.82
			484	66	-7.17	-7.03	-7.22	-7.36	-1.17	0.86	-0.31	6.82
			996	67	-4.56	-5.17	-6.52	-4.59	0.88	0.86	1.74	6.82

5470-5725MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	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	Chain 3	Total			
802.11ax 20	100	5500	26	0	-3.94	-3.75	-3.84	-4.55	2.01	0.32	2.33	7.20
			26	8	-3.93	-4.87	-3.97	-3.89	1.87	0.32	2.19	7.20
			52	37	-3.11	-3.17	-2.45	-3.05	3.09	0.32	3.41	7.20
			52	40	-2.95	-2.67	-3.09	-3.25	3.04	0.32	3.36	7.20
			106	53	-1.38	-1.15	-1.19	-1.39	4.74	0.32	5.06	7.20
			106	54	-1.36	-1.11	-0.78	-1.09	4.94	0.32	5.26	7.20
			242	61	-0.96	0.06	0.73	-0.27	5.95	0.32	6.27	7.20
	116	5580	26	0	-4.32	-4.19	-4.59	-4.30	1.67	0.32	1.99	7.20
			26	8	-5.28	-4.57	-4.82	-5.04	1.10	0.32	1.42	7.20
			52	37	-3.34	-3.14	-3.04	-3.27	2.82	0.32	3.14	7.20
			52	40	-3.20	-3.12	-3.69	-3.54	2.64	0.32	2.96	7.20
			106	53	-1.41	-2.93	-1.40	-2.36	4.04	0.32	4.36	7.20
			106	54	-1.57	-1.50	-1.78	-1.33	4.48	0.32	4.80	7.20
			242	61	-0.65	0.72	0.42	-0.52	6.05	0.32	6.37	7.20
	140	5700	26	0	-4.30	-5.07	-4.53	-4.56	1.41	0.32	1.73	7.20
			26	8	-4.21	-4.21	-3.88	-3.94	1.96	0.32	2.28	7.20
			52	37	-4.72	-4.47	-3.91	-4.77	1.57	0.32	1.89	7.20
			52	40	-4.08	-4.07	-4.43	-4.09	1.86	0.32	2.18	7.20
			106	53	-2.46	-3.05	-3.28	-2.61	3.18	0.32	3.50	7.20
			106	54	-2.65	-2.83	-2.23	-2.51	3.47	0.32	3.79	7.20
			242	61	-1.67	-1.62	-0.07	-1.00	4.98	0.32	5.30	7.20
802.11ax 40	102	5510	26	0	-5.46	-5.61	-5.97	-5.87	0.30	0.51	0.81	7.20
			26	17	-4.93	-4.94	-5.23	-5.21	0.95	0.51	1.46	7.20
			52	37	-4.78	-4.77	-4.93	-4.83	1.19	0.51	1.70	7.20
			52	44	-4.29	-4.58	-4.23	-4.36	1.66	0.51	2.17	7.20
			106	53	-4.12	-4.24	-3.99	-4.20	1.88	0.51	2.39	7.20
			106	56	-3.39	-3.68	-3.63	-3.89	2.38	0.51	2.89	7.20
			242	61	-1.87	-2.26	-1.97	-2.14	3.96	0.51	4.47	7.20
			242	62	-1.77	-2.20	-1.23	-2.11	4.21	0.51	4.72	7.20
			484	65	-1.75	-2.14	-0.99	-1.71	4.39	0.51	4.90	7.20

802.11ax 40	110	5550	26	0	-5.12	-5.74	-5.70	-5.91	0.41	0.51	0.92	7.20
			26	17	-4.73	-5.03	-4.62	-4.45	1.32	0.51	1.83	7.20
			52	37	-4.65	-4.69	-4.32	-4.27	1.54	0.51	2.05	7.20
			52	44	-4.37	-4.21	-3.83	-4.23	1.87	0.51	2.38	7.20
			106	53	-4.26	-3.66	-3.19	-3.90	2.29	0.51	2.80	7.20
			106	56	-4.03	-3.57	-3.16	-3.79	2.39	0.51	2.90	7.20
			242	61	-2.70	-2.39	-2.08	-2.58	3.59	0.51	4.10	7.20
			242	62	-2.67	-1.94	-1.75	-1.96	3.95	0.51	4.46	7.20
			484	65	-2.42	-1.33	-1.18	-1.69	4.39	0.51	4.90	7.20
	134	5670	26	0	-5.03	-5.17	-5.35	-5.33	0.80	0.51	1.31	7.20
			26	17	-4.50	-4.77	-5.01	-4.83	1.25	0.51	1.76	7.20
			52	37	-4.18	-4.24	-4.26	-4.25	1.79	0.51	2.30	7.20
			52	44	-3.48	-2.81	-2.94	-2.97	2.98	0.51	3.49	7.20
			106	53	-3.20	-2.58	-2.62	-2.71	3.25	0.51	3.76	7.20
			106	56	-3.06	-1.76	-1.94	-2.18	3.81	0.51	4.32	7.20
			242	61	-2.69	-1.52	-1.79	-1.95	4.05	0.51	4.56	7.20
			242	62	-2.29	-0.96	-0.98	-1.91	4.52	0.51	5.03	7.20
			484	65	-1.99	0.92	-0.95	-1.89	5.21	0.51	5.72	7.20
802.11ax 80	106	5530	26	0	-8.90	-8.82	-9.15	-8.89	-2.92	0.86	-2.06	7.20
			26	36	-8.51	-8.89	-8.52	-8.55	-2.59	0.86	-1.73	7.20
			52	37	-8.64	-8.79	-9.06	-8.95	-2.84	0.86	-1.98	7.20
			52	52	-8.54	-8.53	-8.07	-8.31	-2.34	0.86	-1.48	7.20
			106	53	-7.55	-8.79	-7.93	-8.16	-2.06	0.86	-1.20	7.20
			106	60	-7.29	-7.92	-7.66	-7.90	-1.66	0.86	-0.80	7.20
			242	61	-7.43	-7.10	-7.07	-7.04	-1.14	0.86	-0.28	7.20
			242	64	-7.63	-7.72	-7.62	-7.32	-1.55	0.86	-0.69	7.20
			484	65	-5.25	-4.98	-5.22	-5.01	0.91	0.86	1.77	7.20
			484	66	-5.21	-5.17	-5.35	-5.57	0.70	0.86	1.56	7.20
			996	67	-4.91	-2.66	-3.11	-3.68	2.51	0.86	3.37	7.20

802.11ax 80	122	5610	26	0	-10.04	-10.11	-10.05	-10.03	-4.04	0.86	-3.18	7.20
			26	36	-10.34	-10.50	-10.58	-10.58	-4.48	0.86	-3.62	7.20
			52	37	-10.19	-9.95	-10.01	-10.02	-4.02	0.86	-3.16	7.20
			52	52	-10.19	-10.42	-10.28	-10.18	-4.25	0.86	-3.39	7.20
			106	53	-8.97	-10.09	-9.39	-9.17	-3.36	0.86	-2.50	7.20
			106	60	-9.89	-9.48	-9.09	-9.99	-3.58	0.86	-2.72	7.20
			242	61	-8.06	-8.50	-8.55	-8.36	-2.34	0.86	-1.48	7.20
			242	64	-8.29	-8.29	-8.75	-8.26	-2.37	0.86	-1.51	7.20
			484	65	-5.46	-5.64	-5.42	-5.85	0.43	0.86	1.29	7.20
			484	66	-5.49	-5.34	-5.02	-5.54	0.68	0.86	1.54	7.20
			996	67	-4.52	-2.25	-3.64	-4.20	2.46	0.86	3.32	7.20

5725-5850MHz partial RU

Test Modes	Channel	Frequency (MHz)	Tones	RU Index	Power Spectral Density (dBm/500kHz)					Duty Factor (dB)	Power Spectral Density with duty factor (dBm/500kHz)	Limit (dBm/500kHz)
					Chain 0	Chain 1	Chain 2	Chain 3	Total			
802.11ax 20	149	5745	26	0	-5.32	-6.27	-5.44	-5.56	0.39	0.32	0.71	26.22
			26	8	-5.81	-5.87	-5.53	-5.50	0.35	0.32	0.67	26.22
			52	37	-4.99	-4.42	-4.49	-4.95	1.32	0.32	1.64	26.22
			52	40	-3.92	-4.71	-4.75	-5.16	1.41	0.32	1.73	26.22
			106	53	-4.27	-4.22	-3.78	-3.83	2.00	0.32	2.32	26.22
			106	54	-3.05	-3.68	-3.34	-3.65	2.60	0.32	2.92	26.22
			242	61	-3.15	-1.45	-2.60	-3.52	3.41	0.32	3.73	26.22
	157	5785	26	0	-6.55	-6.36	-6.11	-6.46	-0.35	0.32	-0.03	26.22
			26	8	-5.49	-5.96	-6.31	-6.53	-0.03	0.32	0.29	26.22
			52	37	-4.51	-6.00	-4.39	-4.81	1.14	0.32	1.46	26.22
			52	40	-5.08	-5.00	-5.08	-5.03	0.97	0.32	1.29	26.22
			106	53	-3.44	-3.93	-4.11	-3.85	2.20	0.32	2.52	26.22
			106	54	-3.32	-3.12	-3.74	-3.80	2.53	0.32	2.85	26.22
			242	61	-4.04	-3.03	-2.72	-4.11	2.59	0.32	2.91	26.22
	165	5825	26	0	-5.98	-6.29	-6.06	-5.94	-0.04	0.32	0.28	26.22
			26	8	-6.09	-5.80	-5.72	-5.79	0.17	0.32	0.49	26.22
			52	37	-5.02	-4.63	-4.37	-5.11	1.25	0.32	1.57	26.22
			52	40	-4.80	-4.77	-4.73	-5.08	1.18	0.32	1.50	26.22
			106	53	-3.92	-4.09	-3.97	-3.99	2.03	0.32	2.35	26.22
			106	54	-4.26	-4.29	-3.86	-3.75	1.99	0.32	2.31	26.22
			242	61	-4.97	-4.85	-3.10	-3.32	2.04	0.32	2.36	26.22
802.11ax 40	151	5755	26	0	-6.88	-7.08	-6.85	-7.12	-0.96	0.51	-0.45	26.22
			26	17	-7.22	-7.47	-7.18	-7.62	-1.35	0.51	-0.84	26.22
			52	37	-5.70	-5.42	-5.68	-6.03	0.32	0.51	0.83	26.22
			52	44	-6.20	-5.83	-5.86	-6.26	-0.01	0.51	0.50	26.22
			106	53	-5.74	-5.40	-5.42	-5.90	0.41	0.51	0.92	26.22
			106	56	-5.59	-5.13	-5.28	-5.65	0.61	0.51	1.12	26.22
			242	61	-4.75	-4.44	-4.69	-5.41	1.21	0.51	1.72	26.22
			242	62	-4.62	-3.83	-4.15	-4.97	1.65	0.51	2.16	26.22
			484	65	-4.51	-3.07	-3.73	-4.66	2.08	0.51	2.59	26.22

802.11ax 40	159	5795	26	0	-6.79	-6.83	-6.90	-6.79	-0.81	0.51	-0.30	26.22
			26	17	-7.03	-7.44	-7.43	-7.02	-1.20	0.51	-0.69	26.22
			52	37	-6.52	-6.42	-6.65	-6.56	-0.52	0.51	-0.01	26.22
			52	44	-6.99	-6.62	-6.87	-6.83	-0.80	0.51	-0.29	26.22
			106	53	-6.04	-6.05	-6.14	-5.95	-0.02	0.51	0.49	26.22
			106	56	-6.03	-6.05	-6.10	-5.95	-0.01	0.51	0.50	26.22
			242	61	-5.33	-5.30	-4.97	-5.21	0.82	0.51	1.33	26.22
			242	62	-4.86	-4.82	-4.56	-4.67	1.29	0.51	1.80	26.22
			484	65	-4.83	-4.73	-3.98	-4.59	1.50	0.51	2.01	26.22
802.11ax 80	155	5775	26	0	-12.62	-13.00	-12.29	-12.45	-6.56	0.86	-5.70	26.22
			26	36	-12.89	-12.45	-12.39	-12.31	-6.48	0.86	-5.62	26.22
			52	37	-12.36	-12.84	-12.33	-12.14	-6.39	0.86	-5.53	26.22
			52	52	-12.14	-12.23	-12.14	-12.01	-6.11	0.86	-5.25	26.22
			106	53	-11.96	-11.66	-11.71	-11.66	-5.73	0.86	-4.87	26.22
			106	60	-11.63	-11.11	-11.29	-11.40	-5.33	0.86	-4.47	26.22
			242	61	-11.43	-11.25	-11.08	-10.85	-5.13	0.86	-4.27	26.22
			242	64	-10.51	-11.04	-11.29	-11.04	-4.94	0.86	-4.08	26.22
			484	65	-8.54	-8.89	-8.38	-8.56	-2.57	0.86	-1.71	26.22
			484	66	-8.20	-8.08	-8.21	-8.30	-2.18	0.86	-1.32	26.22
			996	67	-6.25	-6.00	-5.98	-6.87	-0.24	0.86	0.62	26.22

Note:

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

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

Directional gain = Band 1: 10.18 dBi , Band 2: 10.18 dBi , Band 3: 9.80 dBi , Band 4: 9.78 dBi

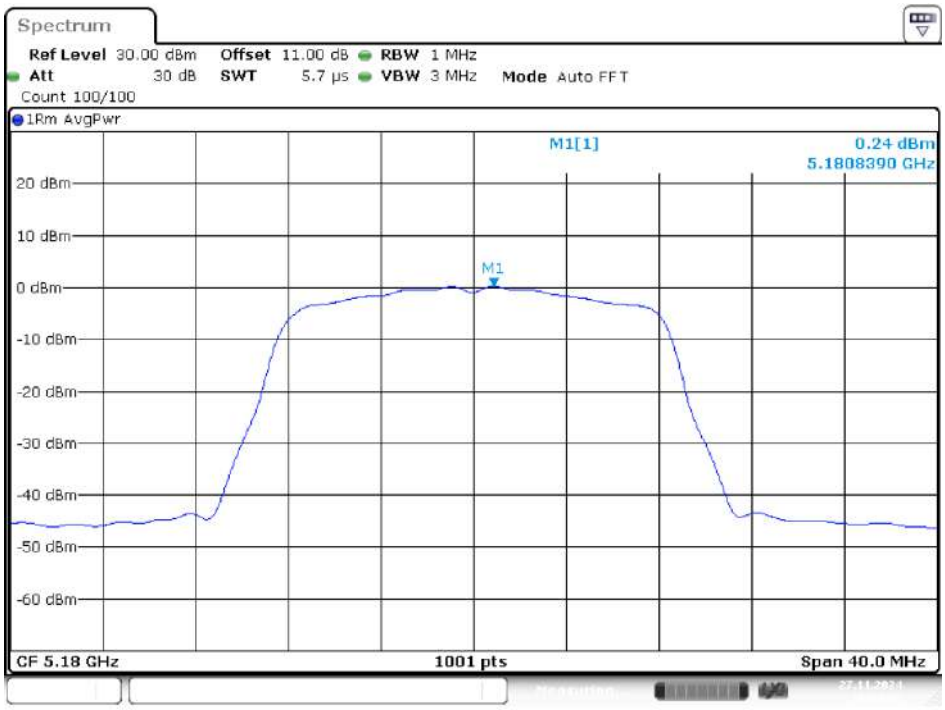
The Power density Limits was reduce Band 1: 4.18 dB , Band 2: 4.18 dB , Band 3: 3.8 dB , Band 4: 3.78 dB

Please refer to the following plots

UNII-1 Band I / PSD

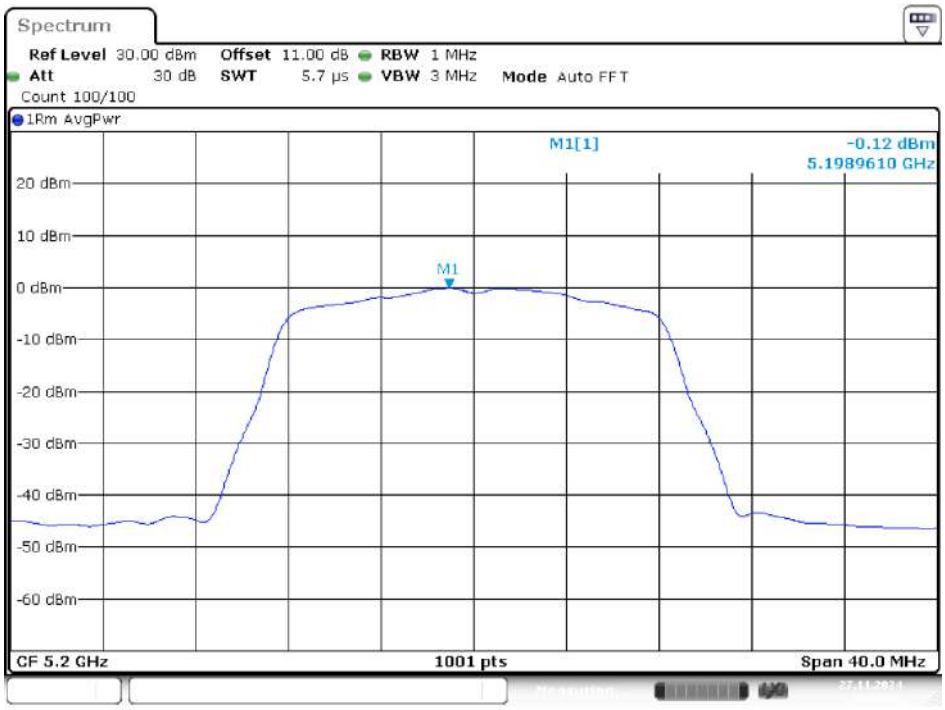
IEEE 802.11a Mode / 5150 ~ 5250MHz (Chain 0)

5180MHz



Date: 27.NOV.2024 14:24:05

5200MHz



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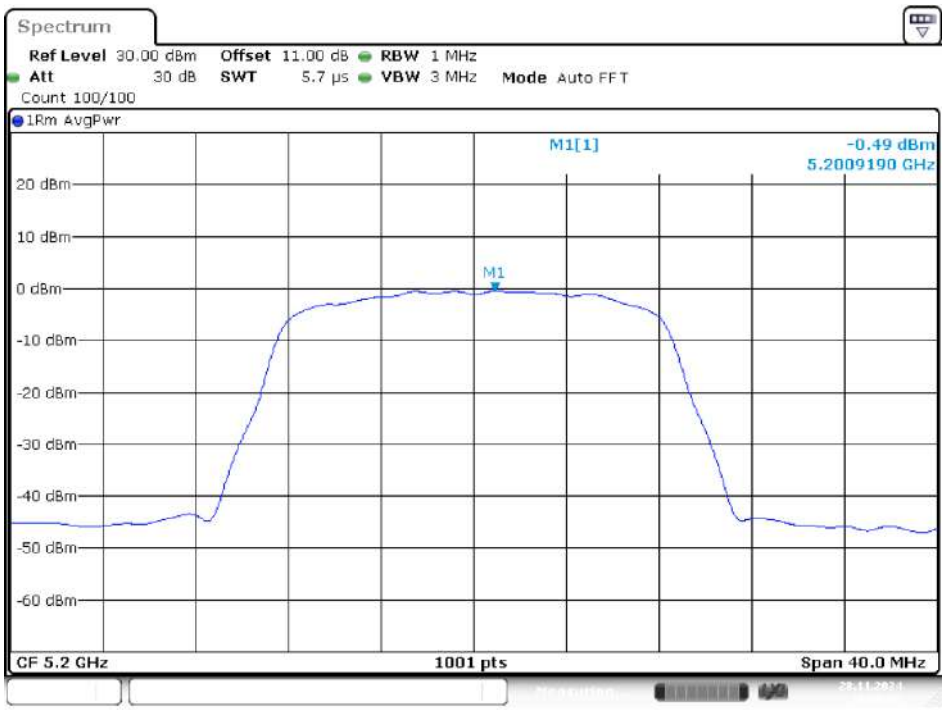
5240MHz

IEEE 802.11a Mode / 5150 ~ 5250MHz (Chain 1)

5180MHz

5200MHz



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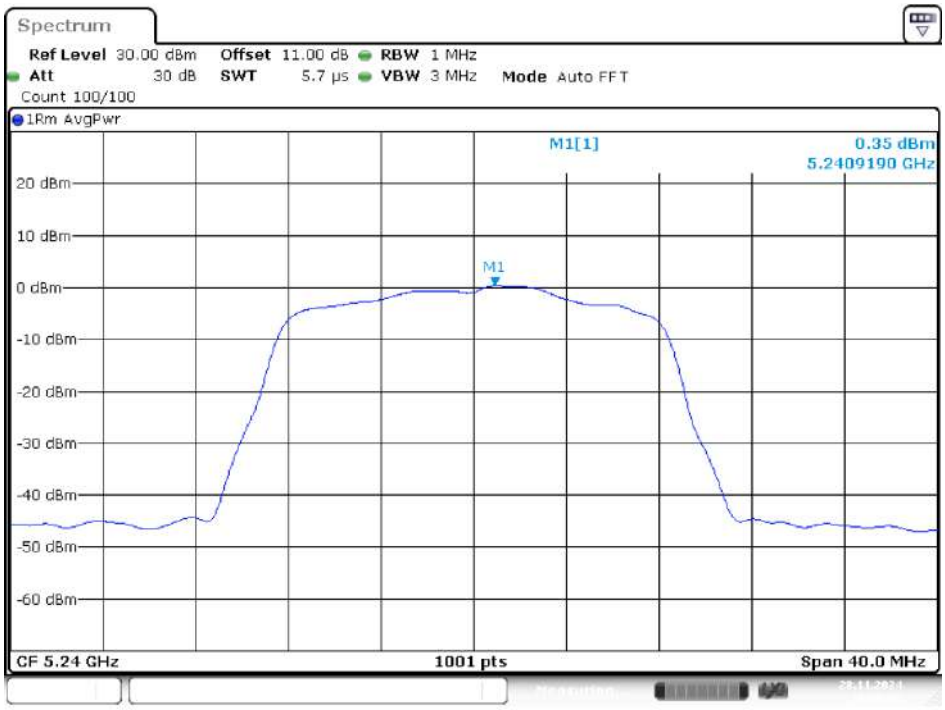
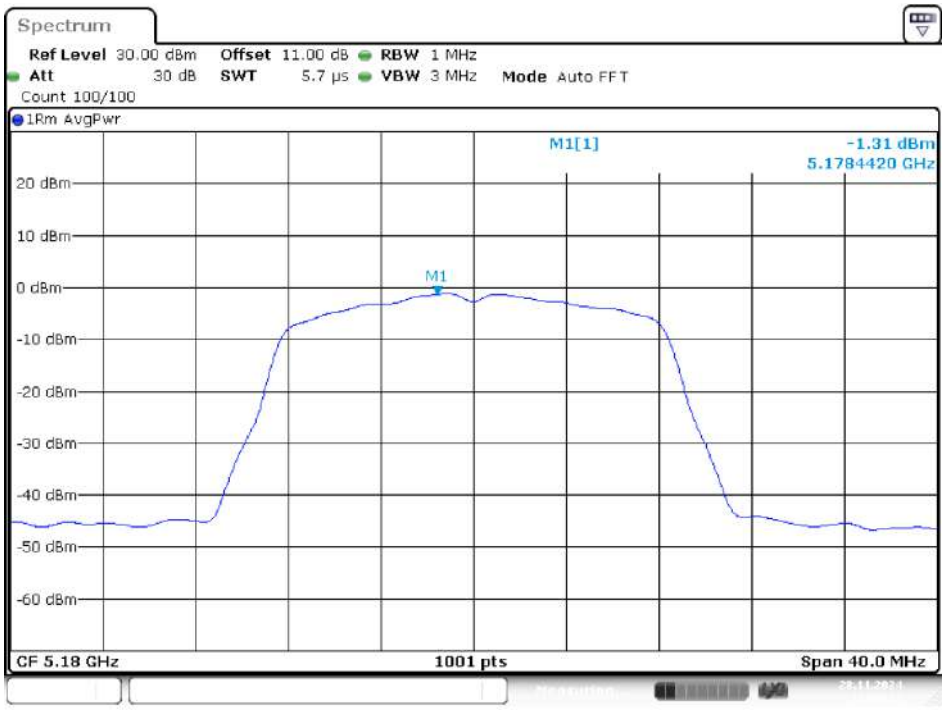
5240MHz



Date: 28.NOV.2024 10:30:38

IEEE 802.11a Mode / 5150 ~ 5250MHz (Chain 2)

5180MHz



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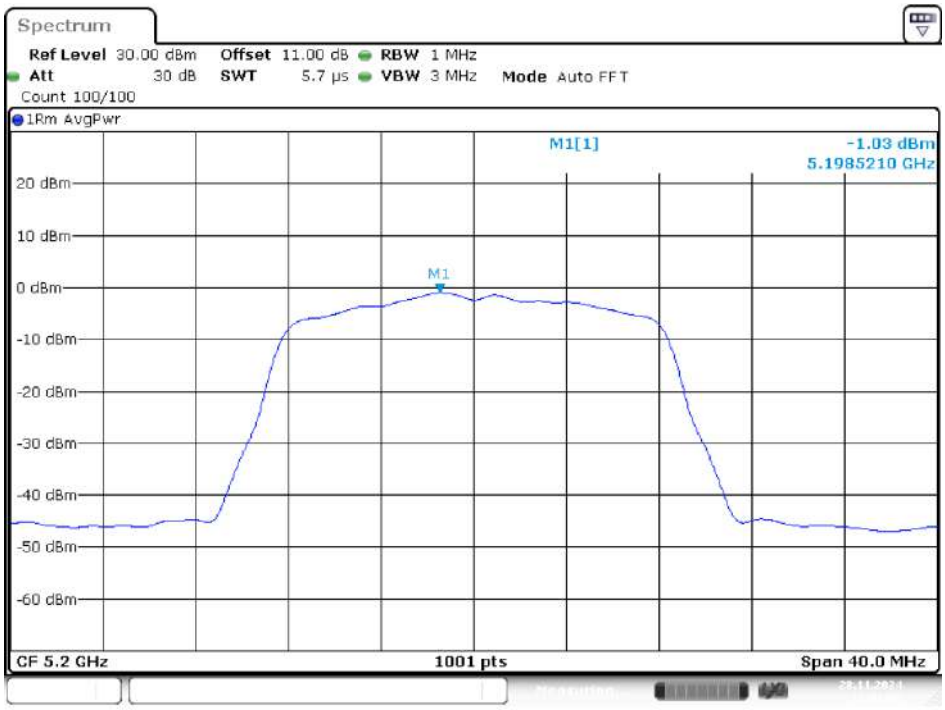
5200MHz



Date: 28.NOV.2024 15:41:26

5240MHz

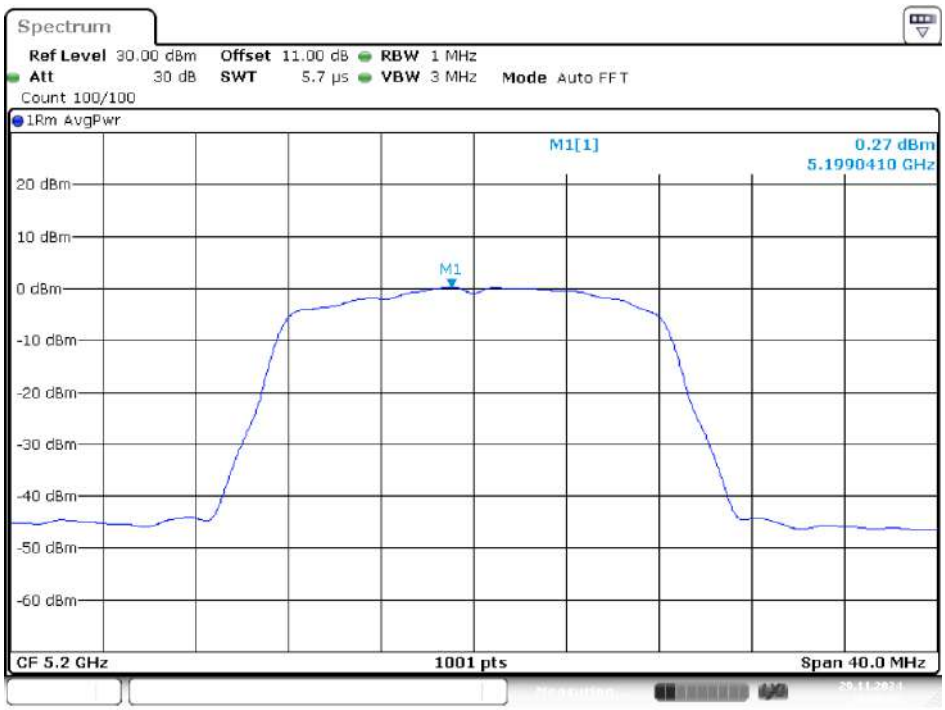
Date: 28.NOV.2024 15:44:24

IEEE 802.11a Mode / 5150 ~ 5250MHz (Chain 3)

5180MHz

Date: 29.NOV.2024 10:04:51

5200MHz



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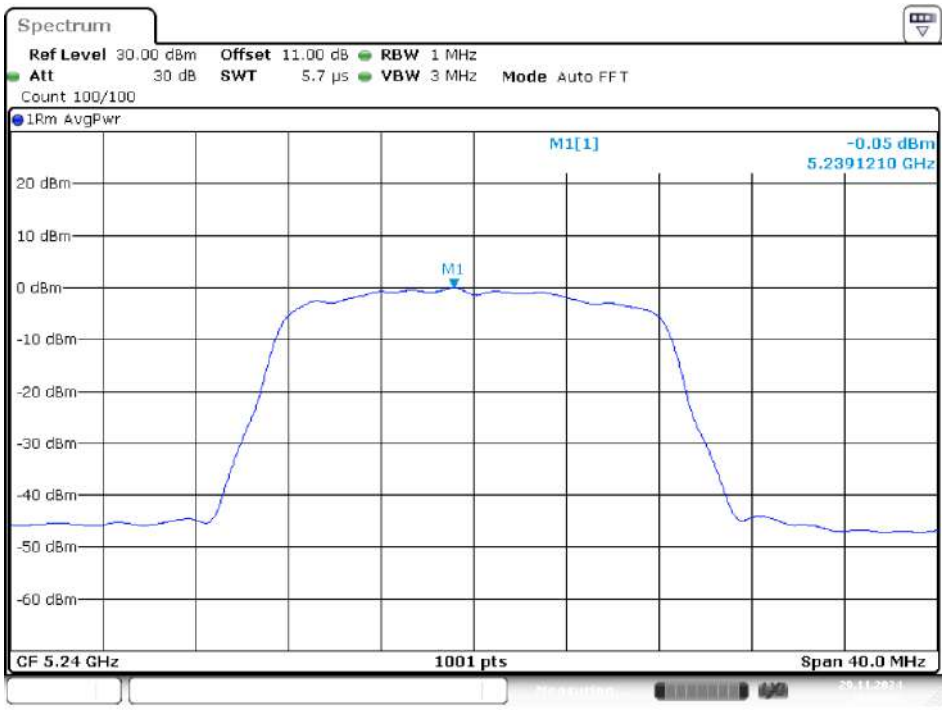
5240MHz



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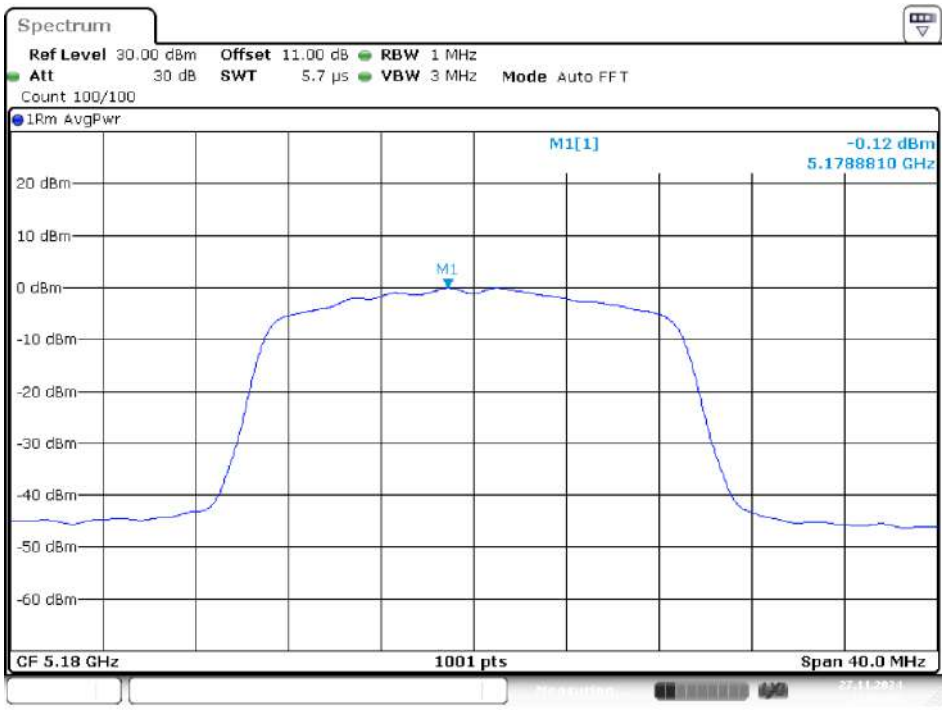
IEEE 802.11ac VHT20 Mode / 5150 ~ 5250MHz (Chain 0)

5180MHz



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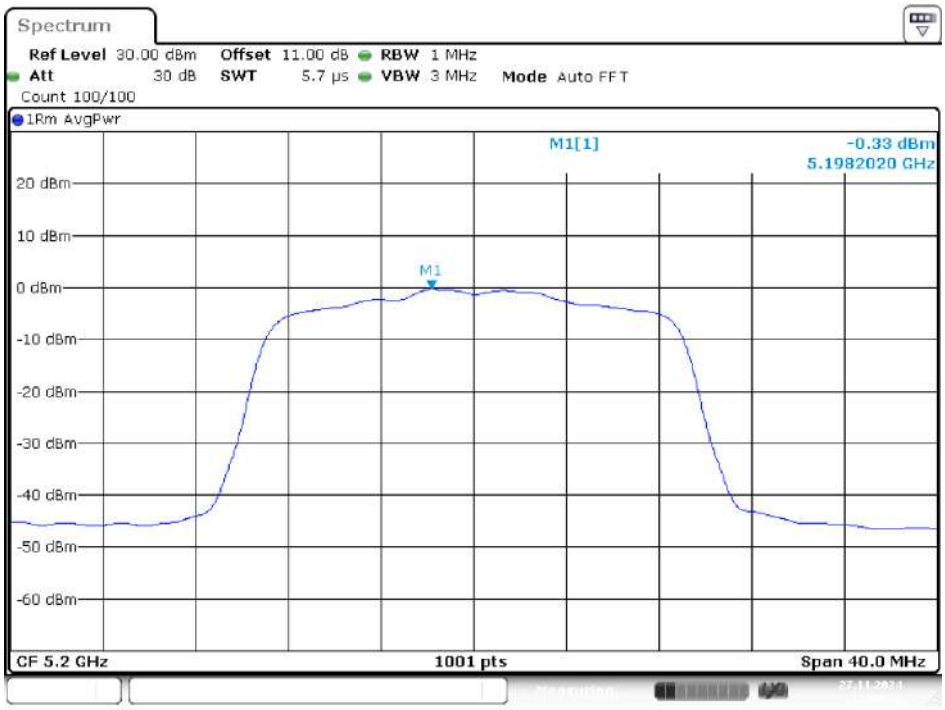
5200MHz



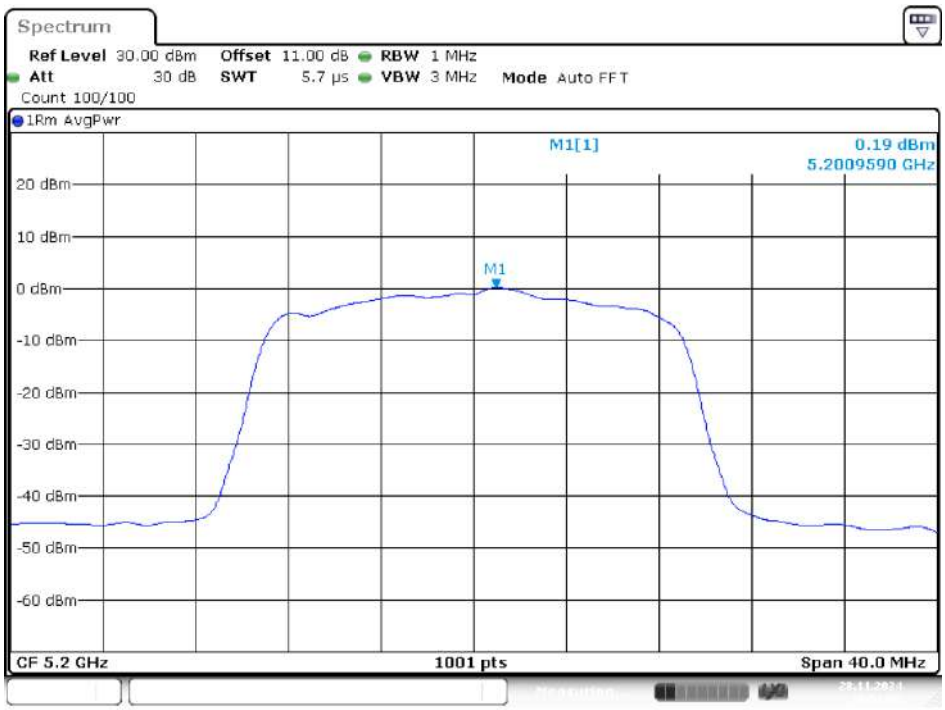
Date: 27.NOV.2024 15:04:37

5240MHz

IEEE 802.11ac VHT20 Mode / 5150 ~ 5250MHz (Chain 1)

5180MHz

5200MHz



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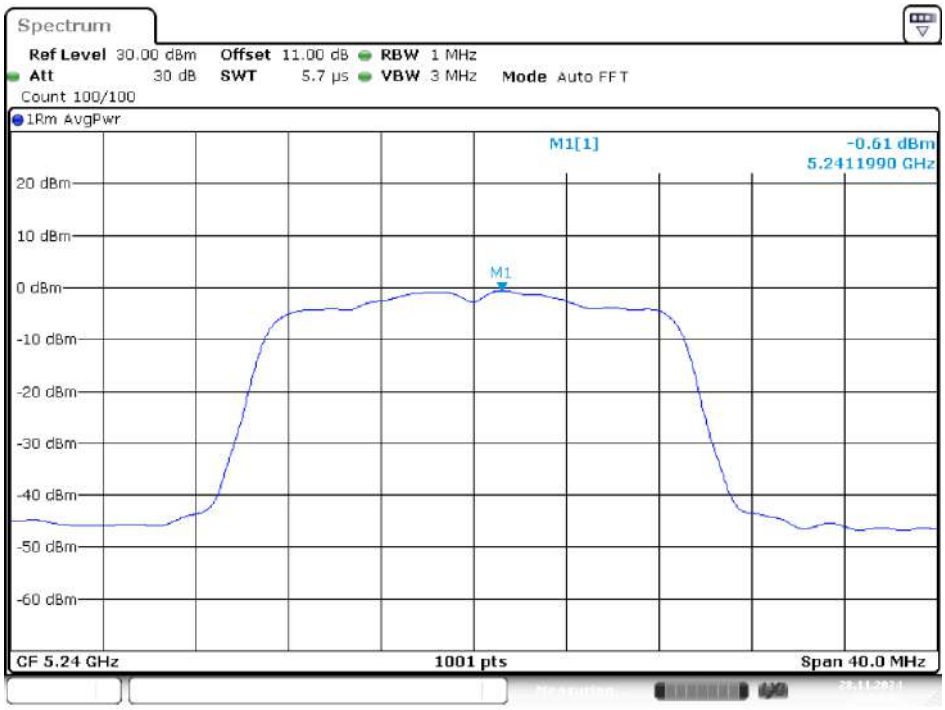
5240MHz



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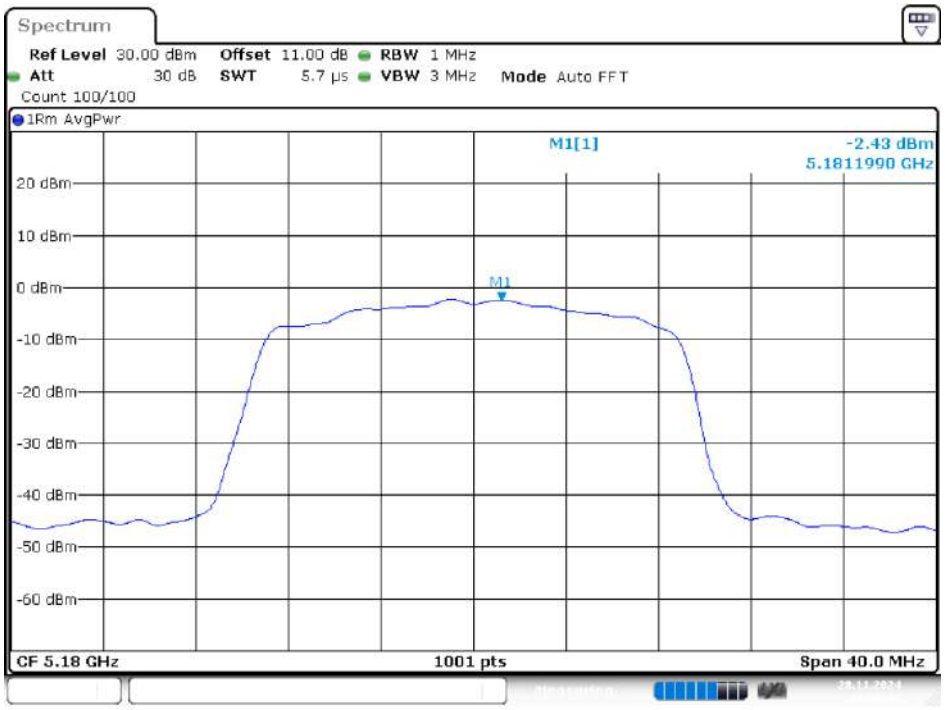
IEEE 802.11ac VHT20 Mode / 5150 ~ 5250MHz (Chain 2)

5180MHz



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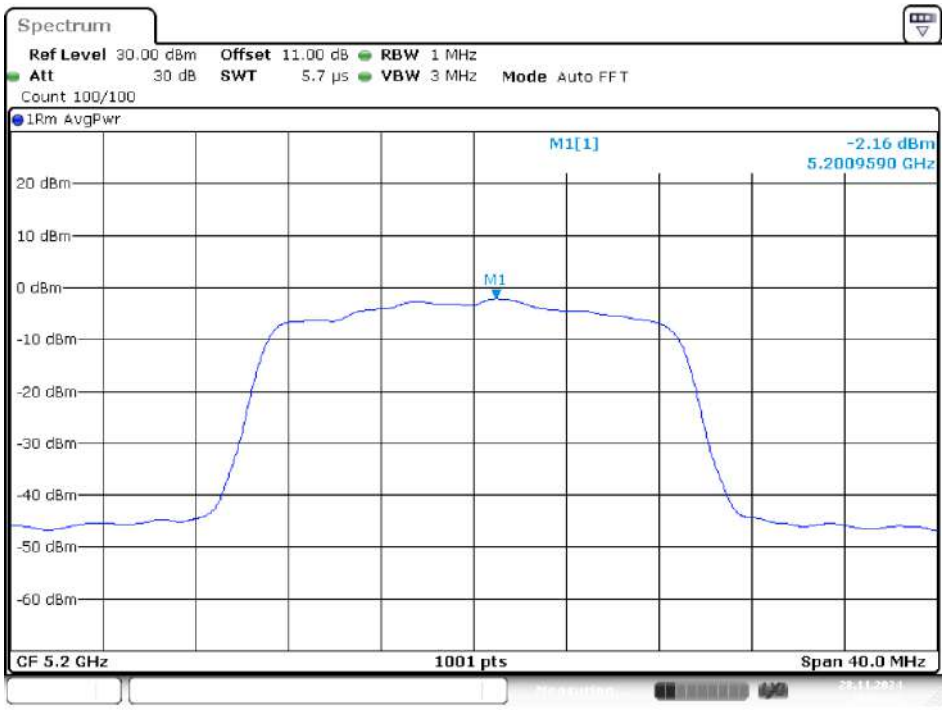
5200MHz



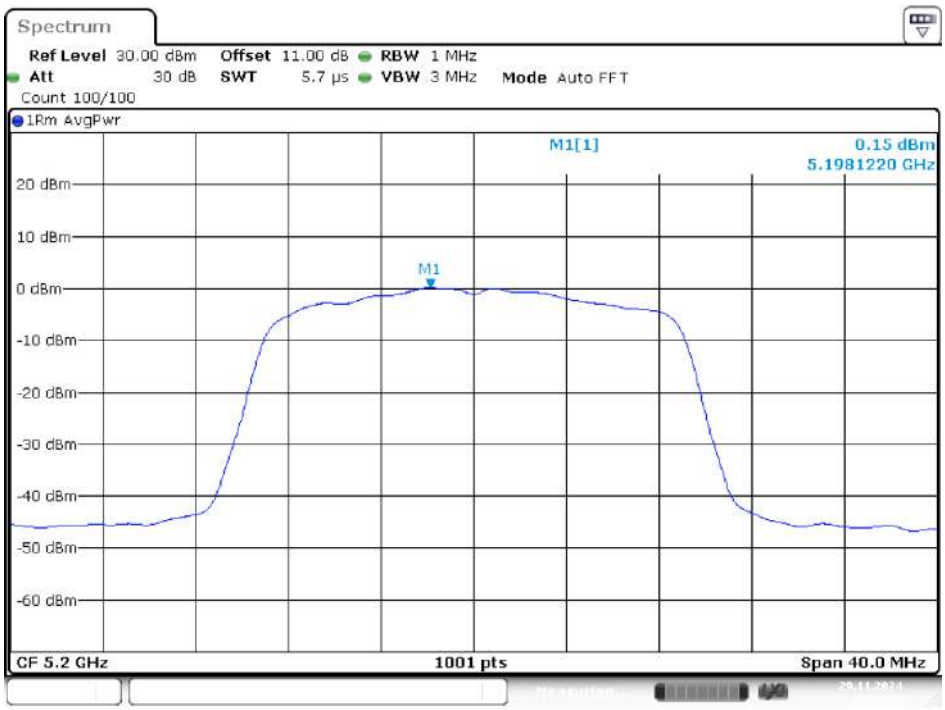
Date: 28.NOV.2024 16:03:38

5240MHz

IEEE 802.11ac VHT20 Mode / 5150 ~ 5250MHz (Chain 3)

5180MHz

5200MHz



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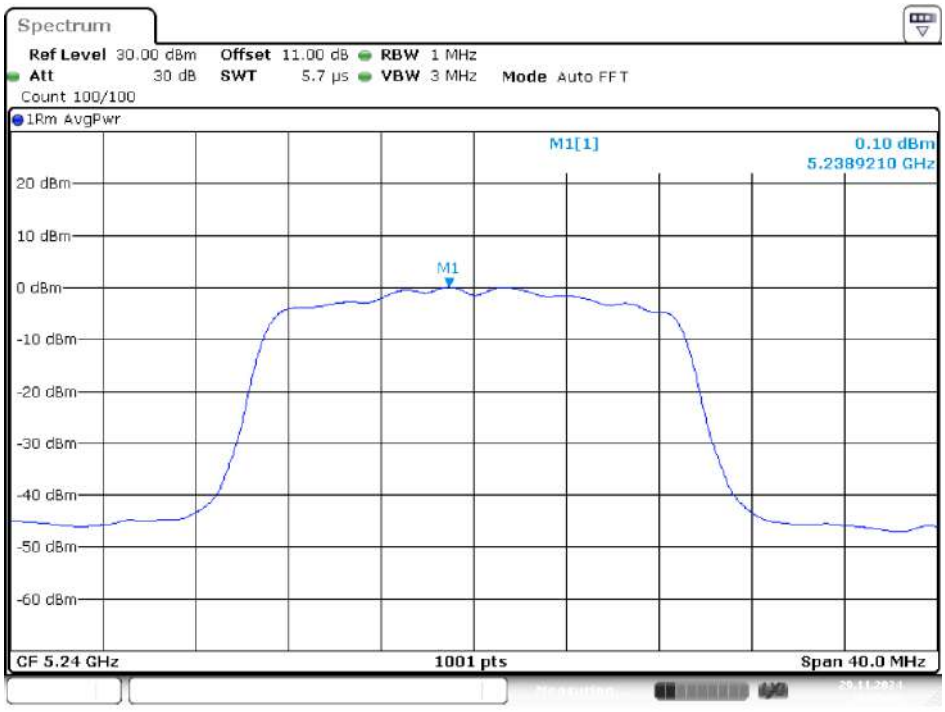
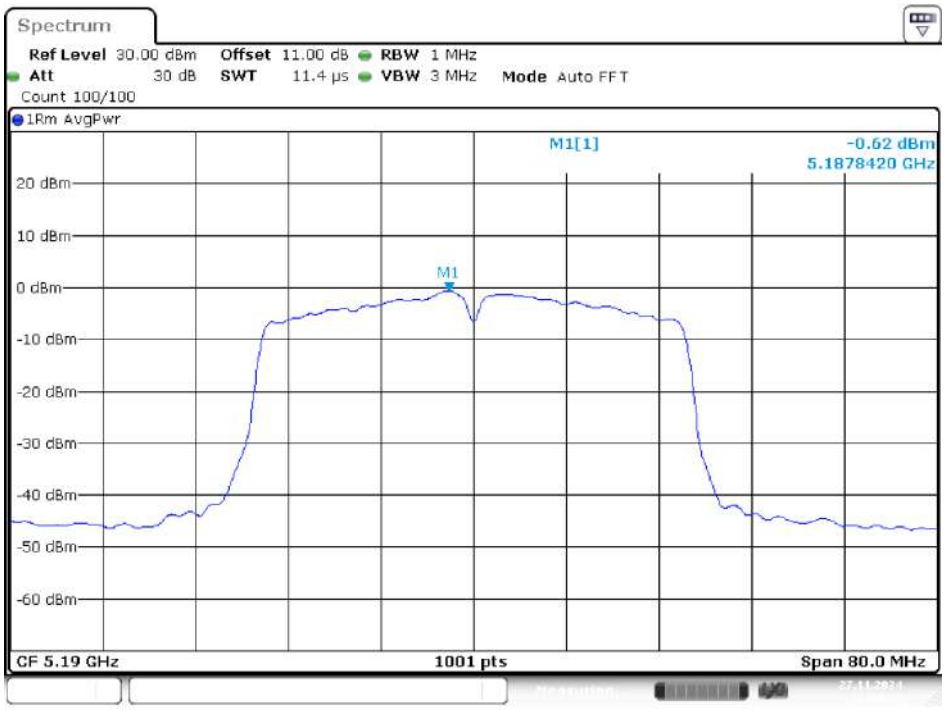
5240MHz



Date: 29.NOV.2024 10:36:00

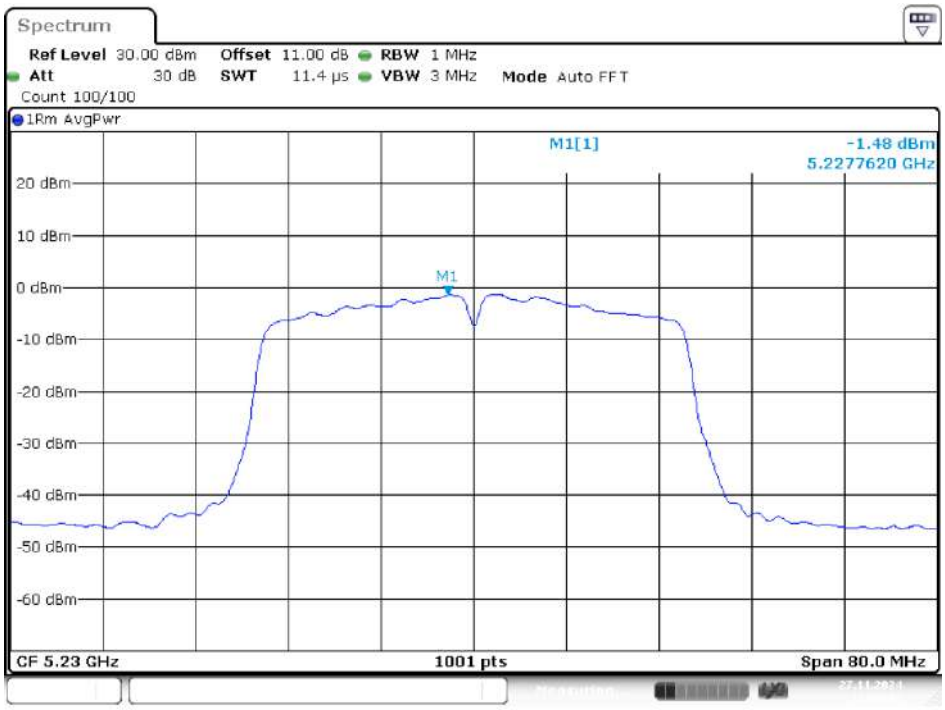
IEEE 802.11ac VHT40 Mode / 5150 ~ 5250MHz (Chain 0)

5190MHz



Date: 27.NOV.2024 15:34:19

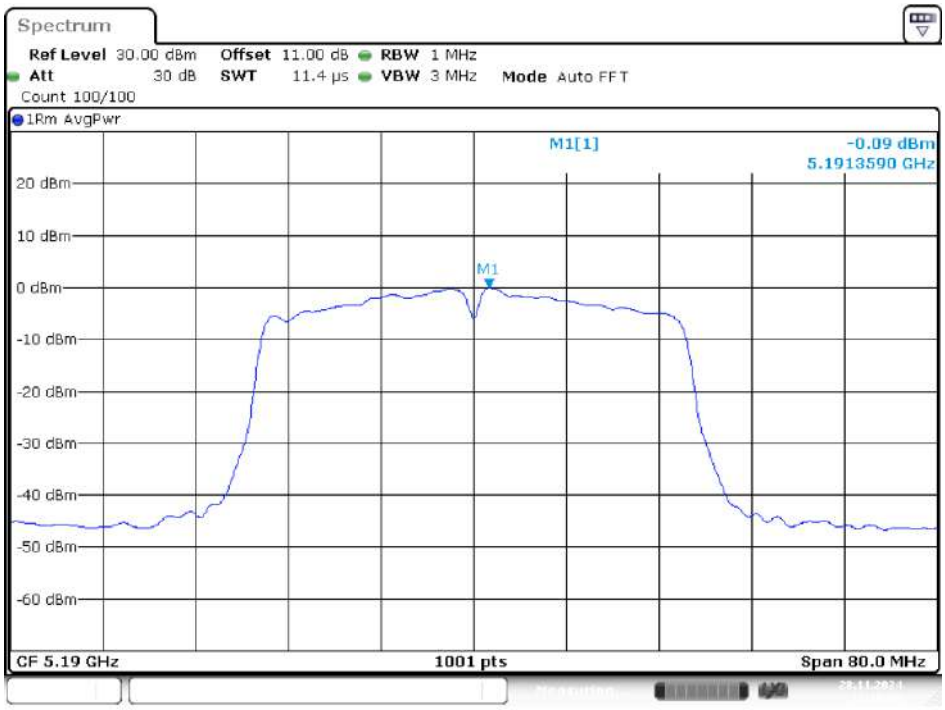
5230MHz



Date: 27.NOV.2024 15:39:03

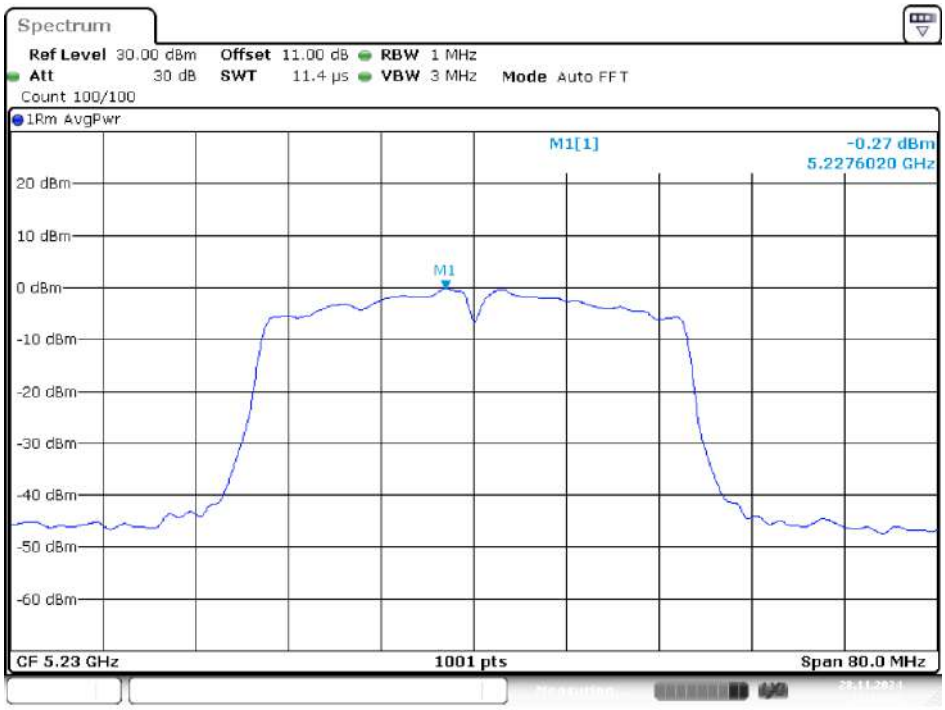
IEEE 802.11ac VHT40 Mode / 5150 ~ 5250MHz (Chain 1)

5190MHz



Date: 28.NOV.2024 11:10:39

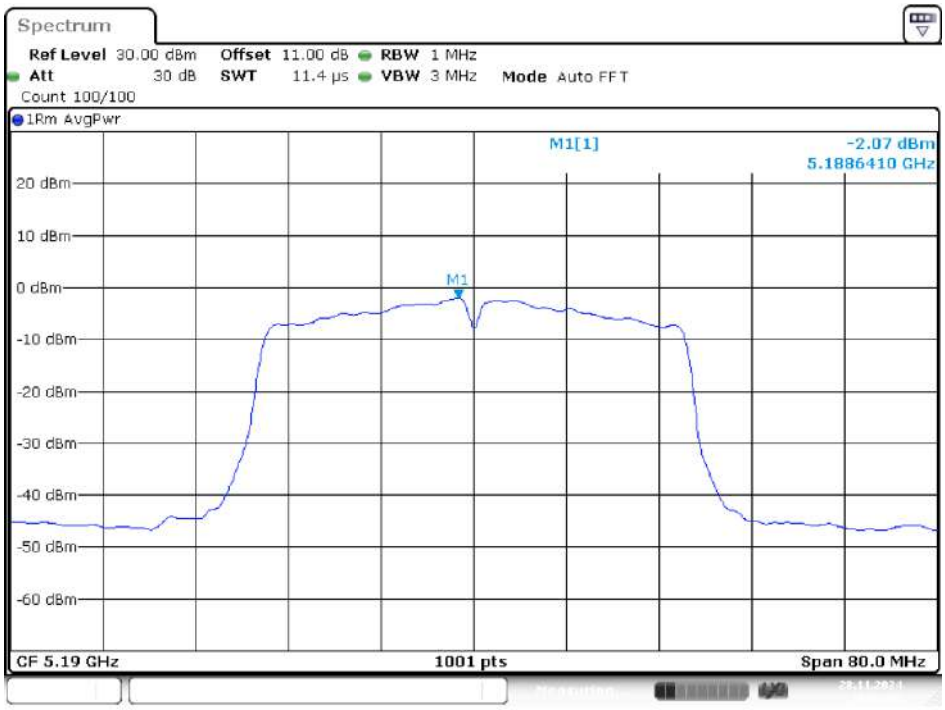
5230MHz



Date: 28.NOV.2024 11:12:22

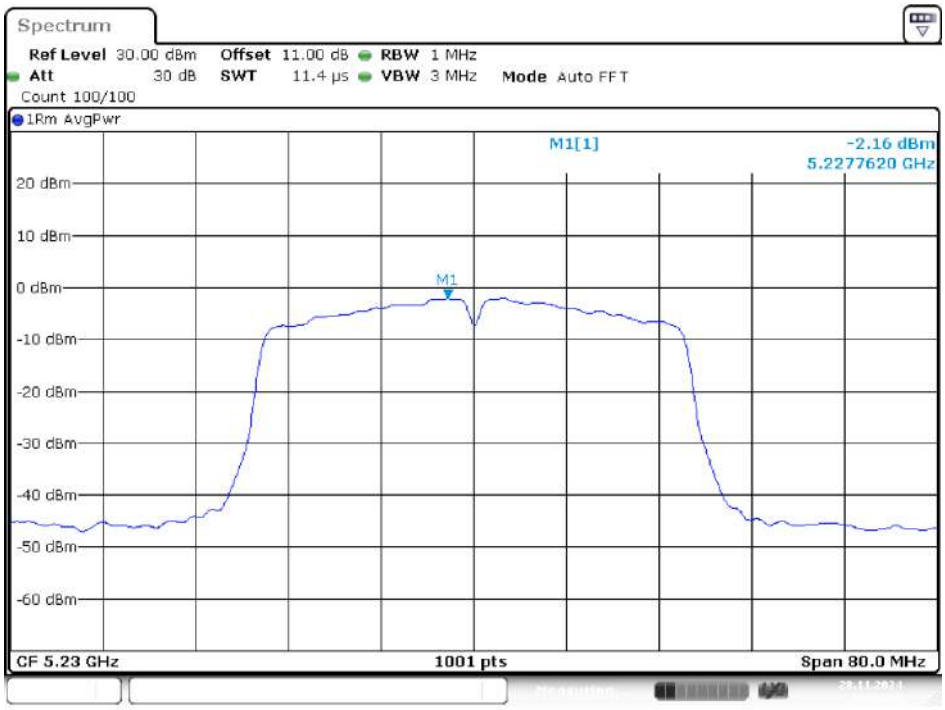
IEEE 802.11ac VHT40 Mode / 5150 ~ 5250MHz (Chain 2)

5190MHz



Date: 28.NOV.2024 16:32:48

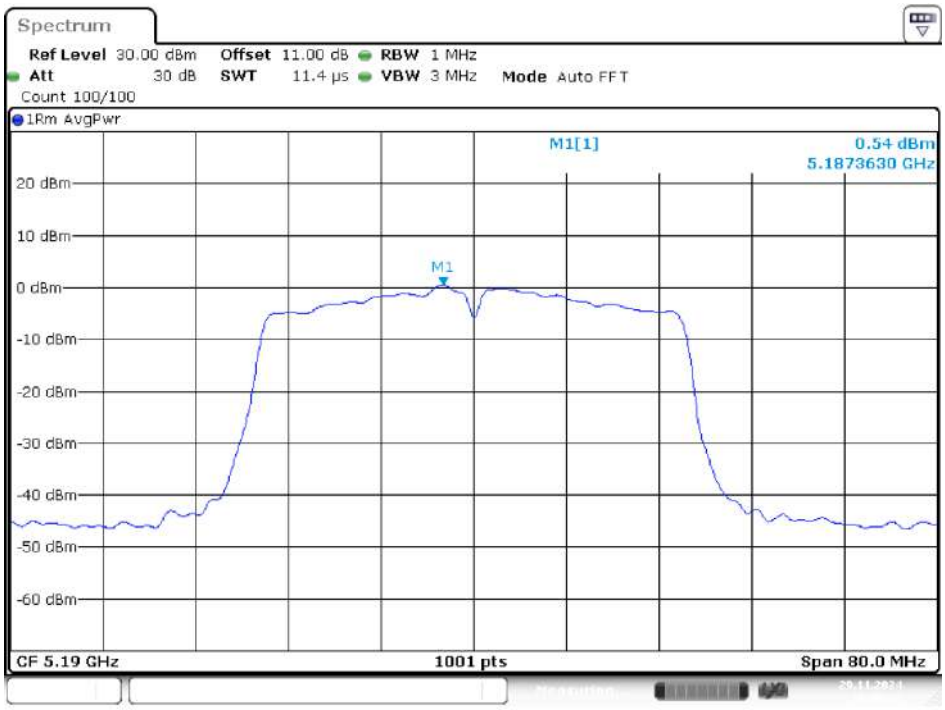
5230MHz



Date: 28.NOV.2024 16:37:53

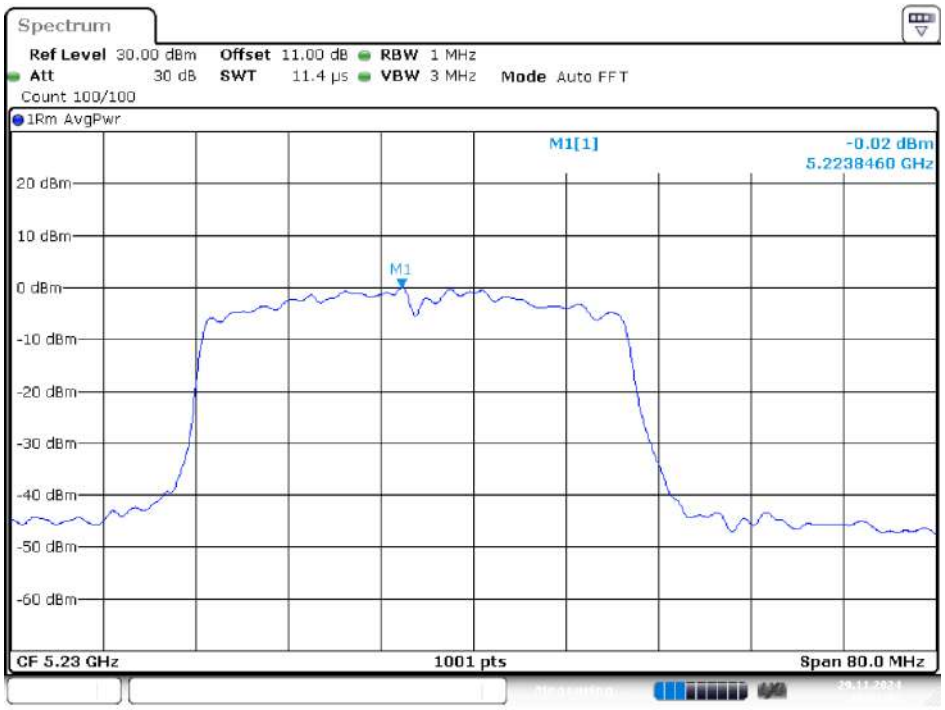
IEEE 802.11ac VHT40 Mode / 5150 ~ 5250MHz (Chain 3)

5190MHz



Date: 29.NOV.2024 10:49:15

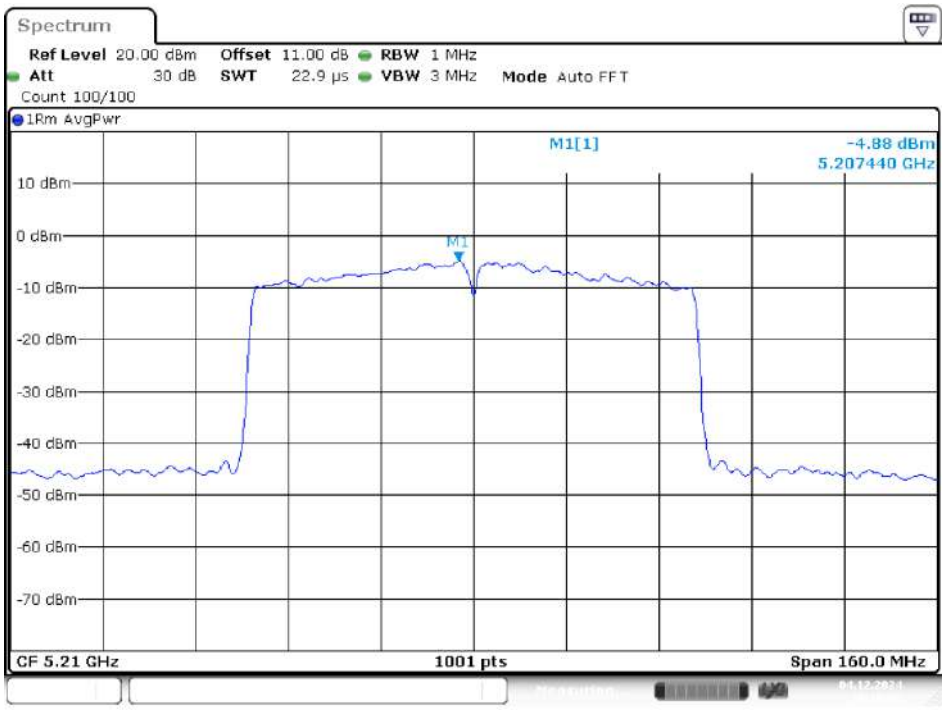
5230MHz



Date: 29.NOV.2024 10:51:05

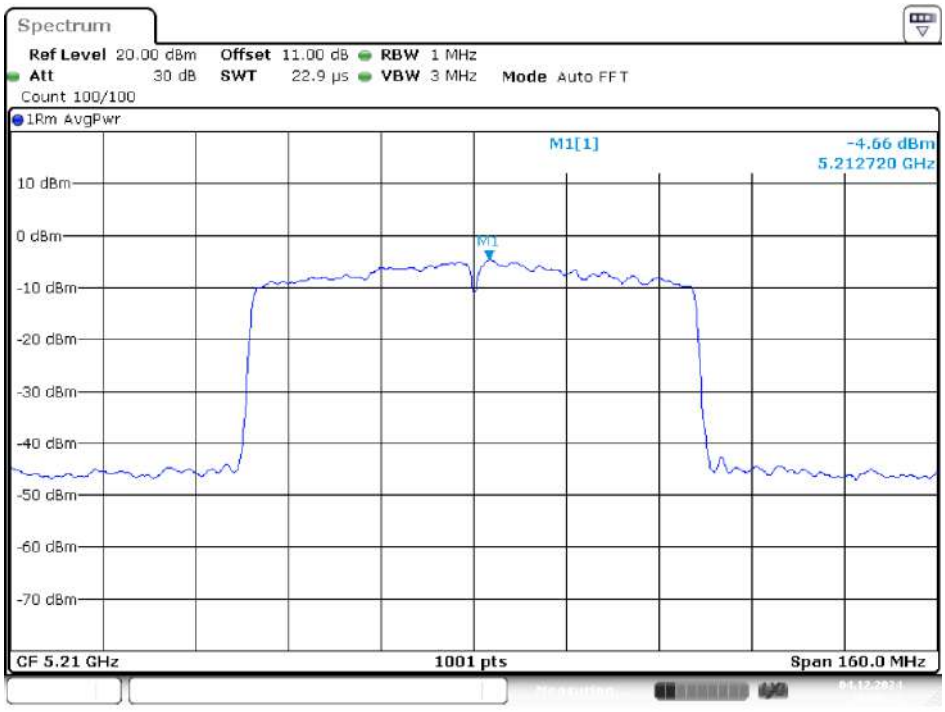
IEEE 802.11ac VHT80 Mode / 5150 ~ 5250MHz (Chain 0)

5210MHz



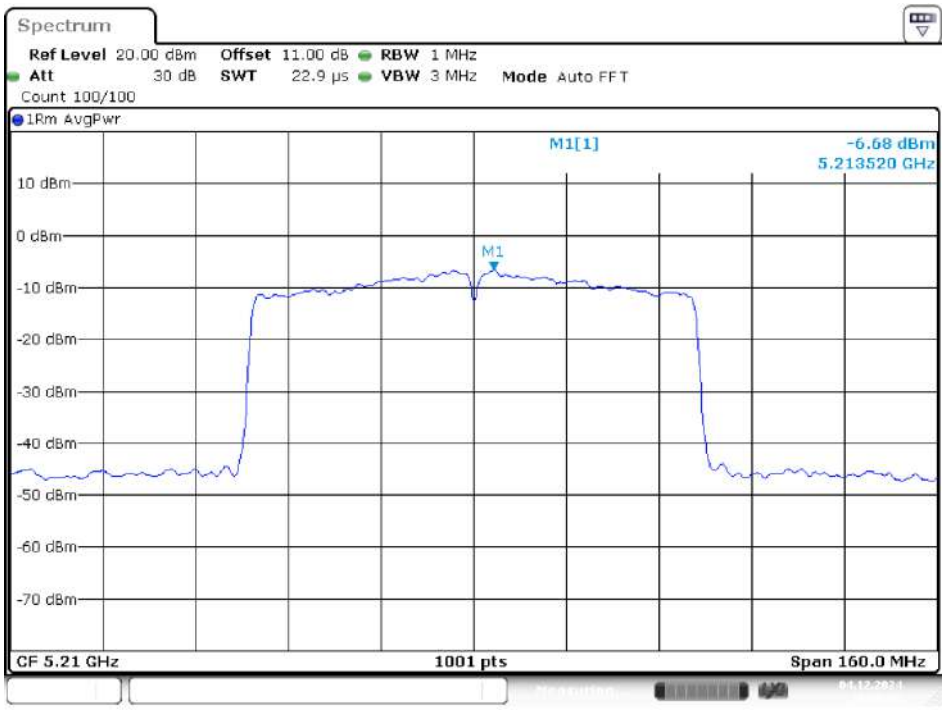
IEEE 802.11ac VHT80 Mode / 5150 ~ 5250MHz (Chain 1)

5210MHz



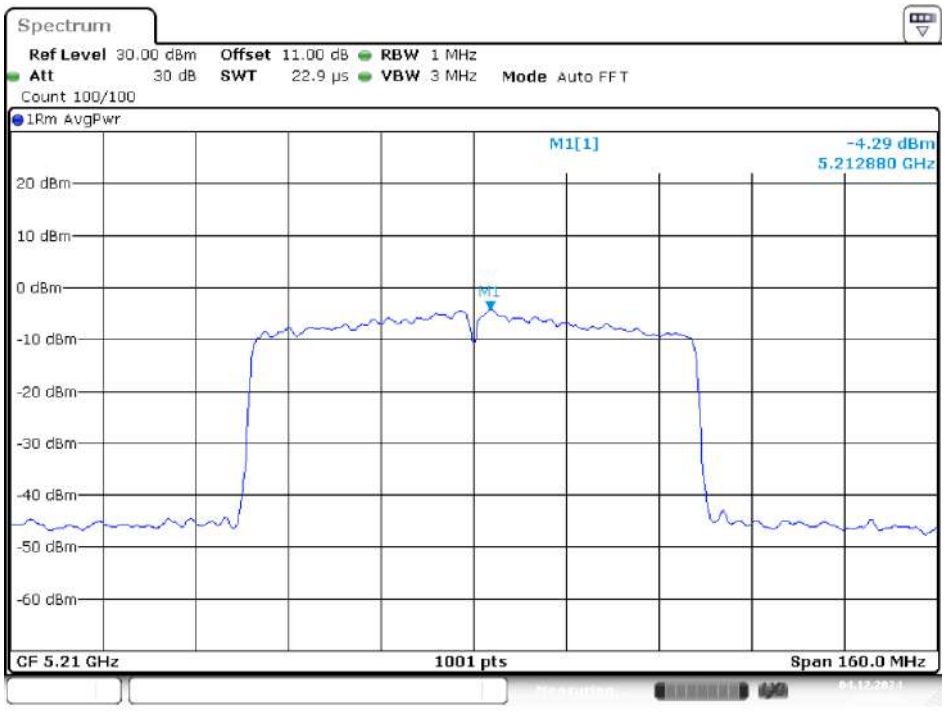
IEEE 802.11ac VHT80 Mode / 5150 ~ 5250MHz (Chain 2)

5210MHz



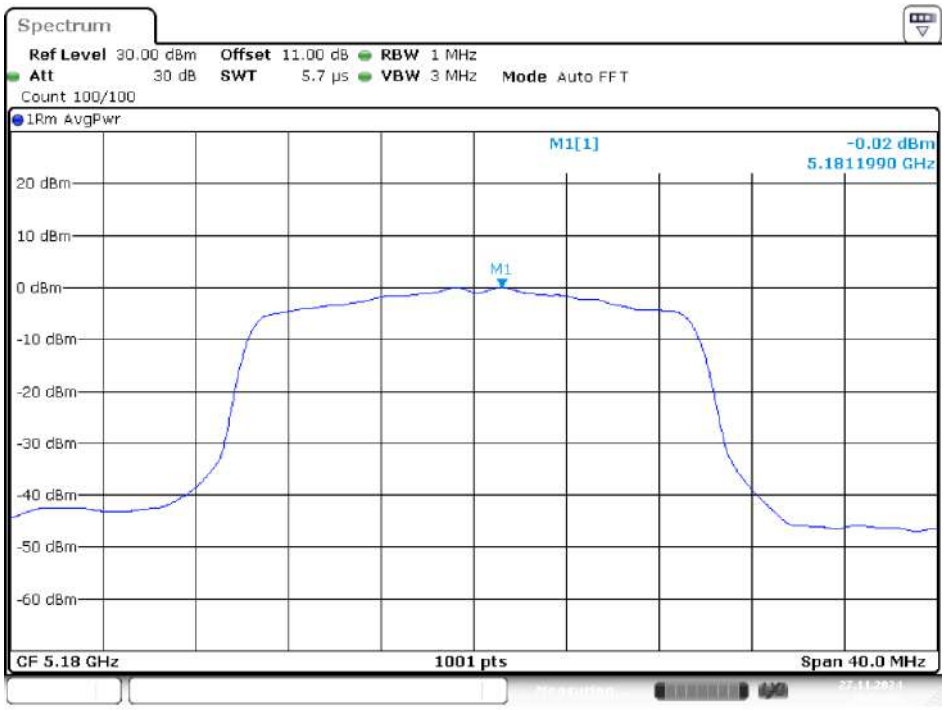
IEEE 802.11ac VHT80 Mode / 5150 ~ 5250MHz (Chain 3)

5210MHz



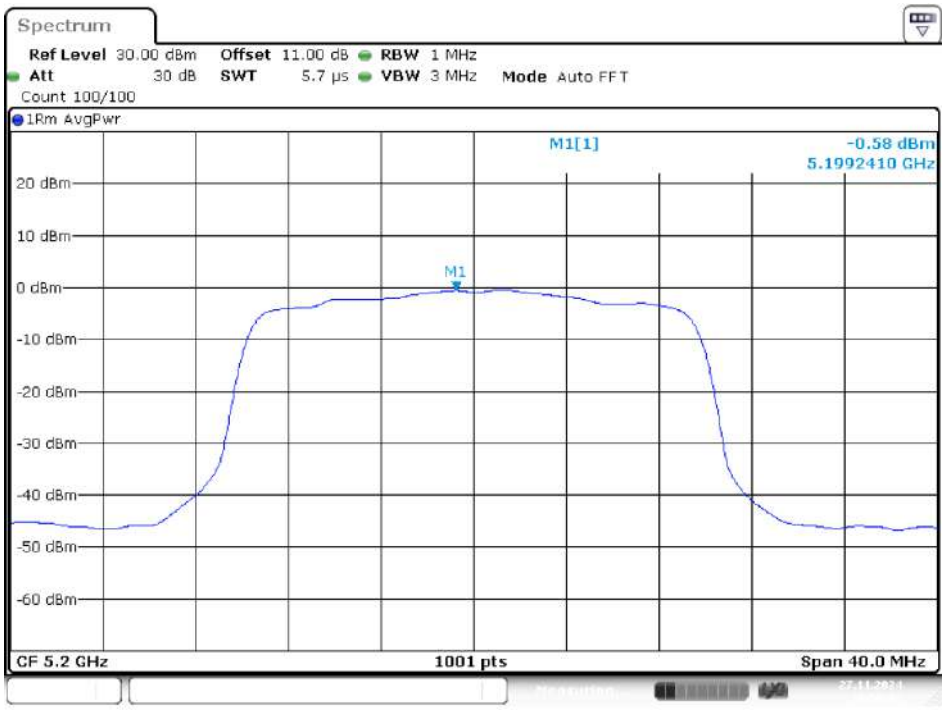
IEEE 802.11ax HE20 Mode / 5150 ~ 5250MHz (Chain 0)

5180MHz



Date: 27.NOV.2024 16:52:39

5200MHz



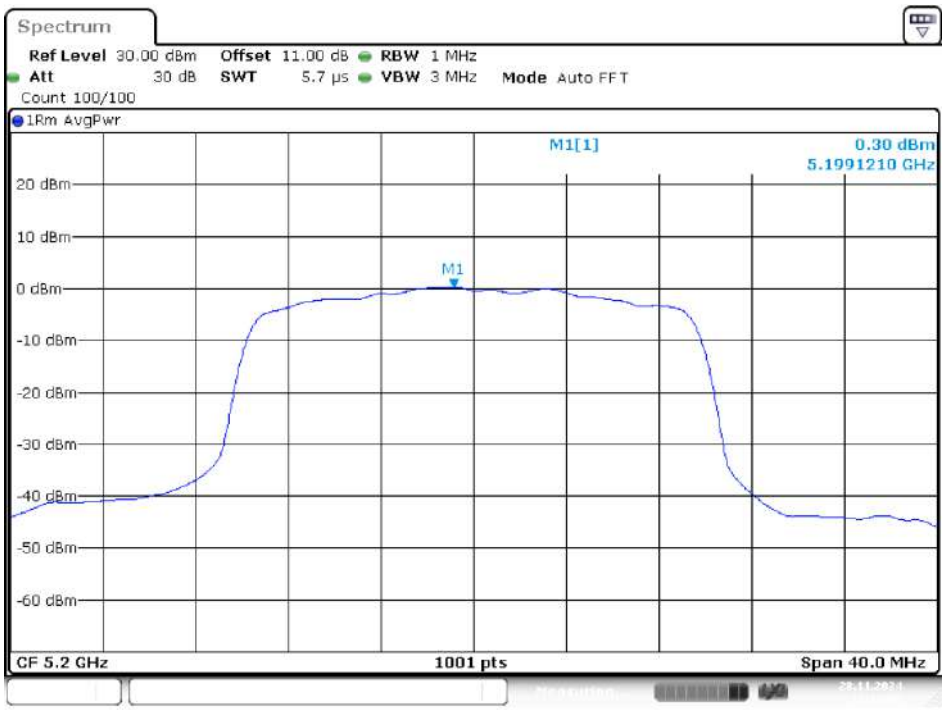
Date: 27.NOV.2024 16:56:03

5240MHz

IEEE 802.11ax HE20 Mode / 5150 ~ 5250MHz (Chain 1)

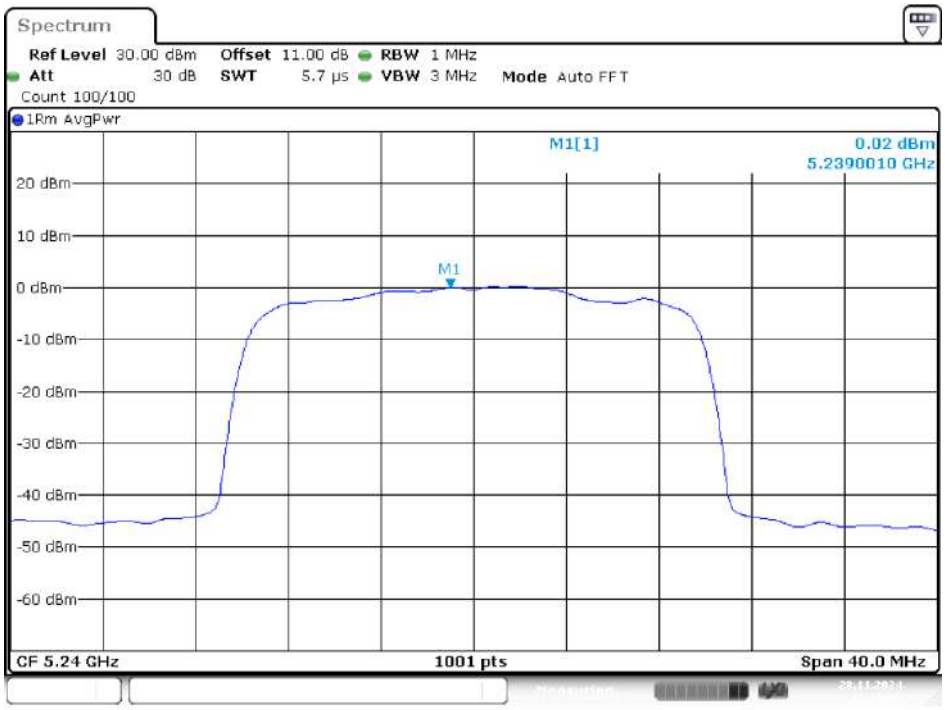
5180MHz

5200MHz



Date: 28.NOV.2024 13:13:57

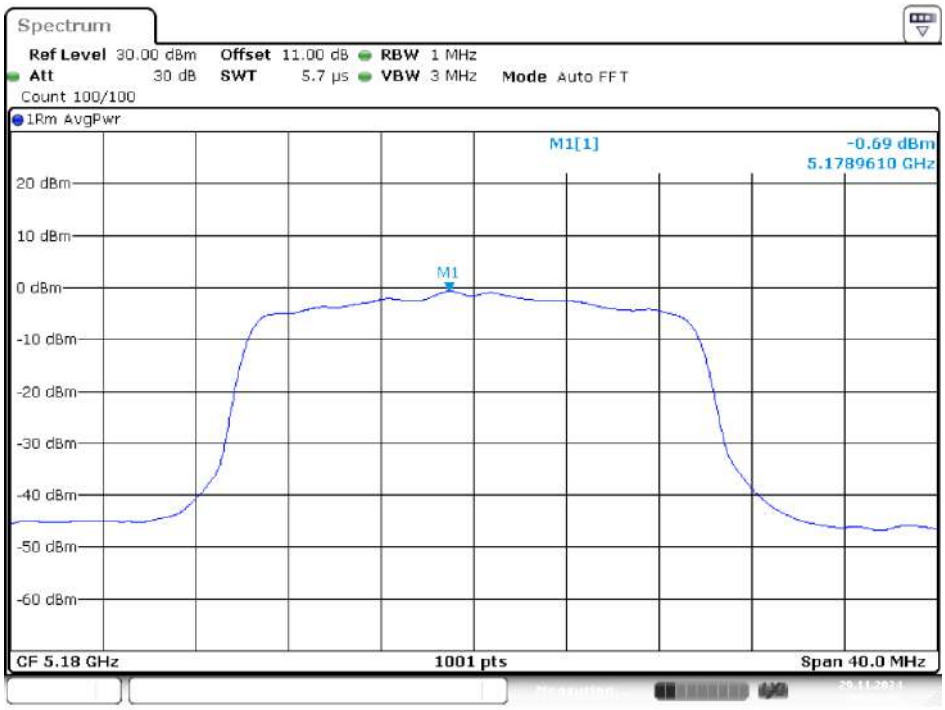
5240MHz



Date: 28.NOV.2024 13:15:46

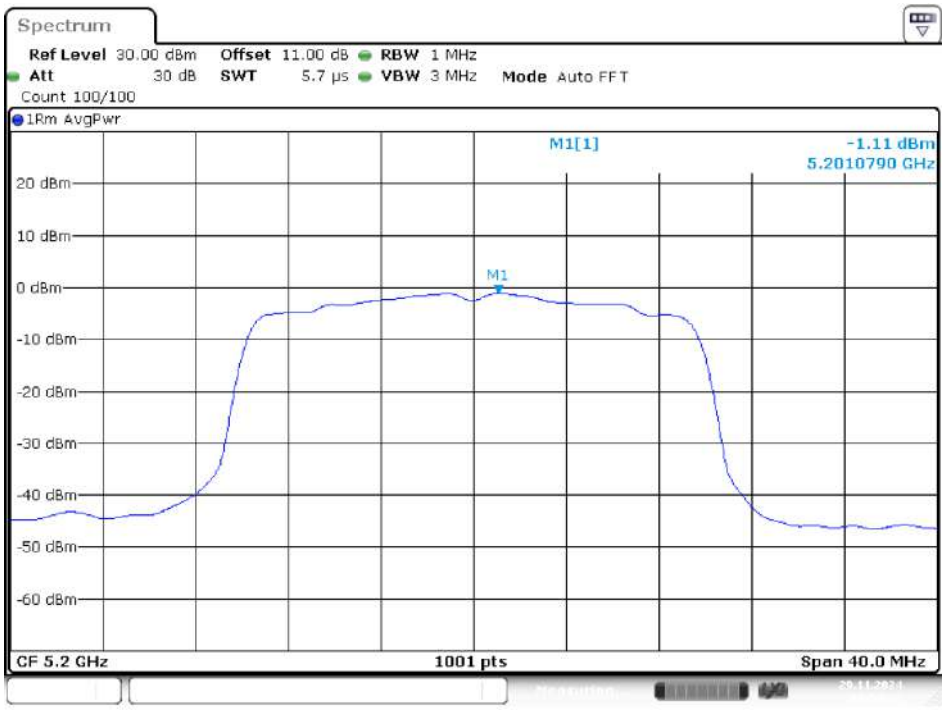
IEEE 802.11ax HE20 Mode / 5150 ~ 5250MHz (Chain 2)

5180MHz



Date: 29.NOV.2024 08:52:53

5200MHz



Date: 29.NOV.2024 08:54:37

5240MHz

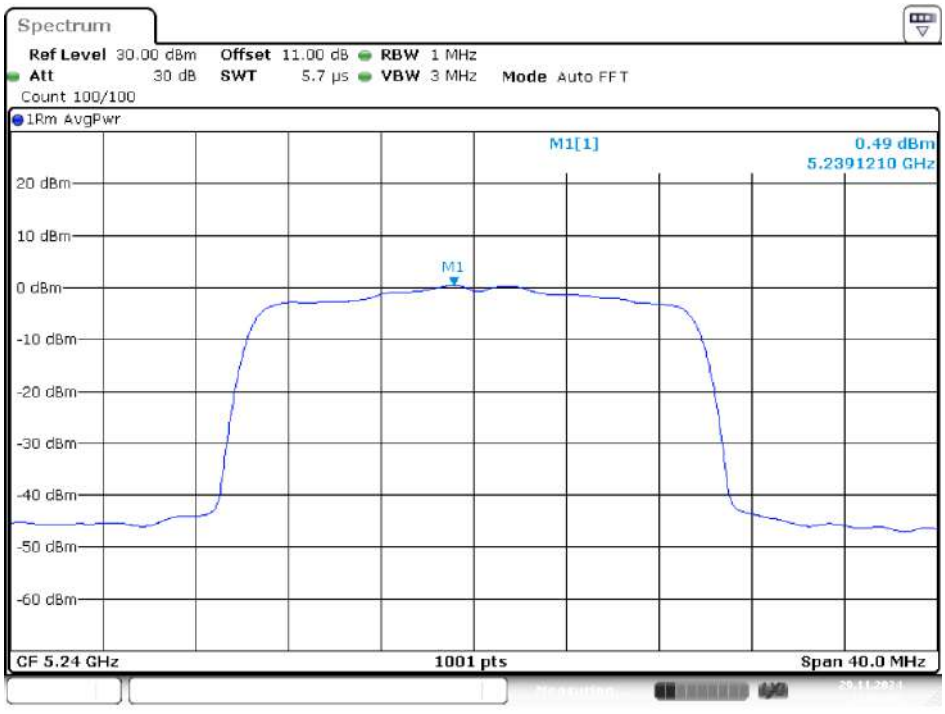
IEEE 802.11ax HE20 Mode / 5150 ~ 5250MHz (Chain 3)

5180MHz

5200MHz

Date: 29.NOV.2024 11:25:47

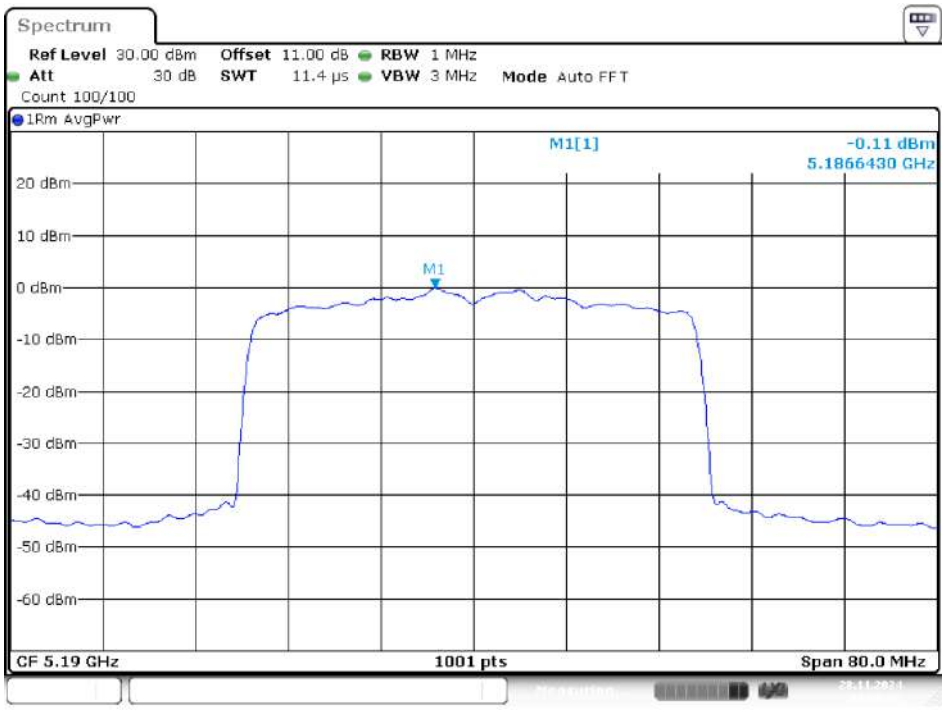
5240MHz



Date: 29.NOV.2024 11:27:54

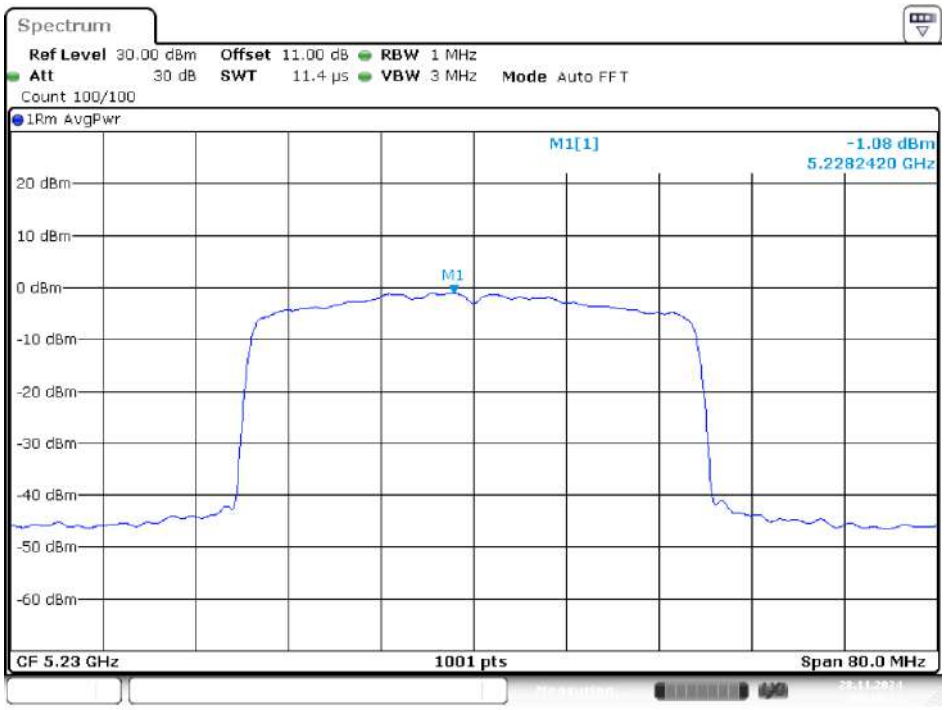
IEEE 802.11ax HE40 Mode / 5150 ~ 5250MHz (Chain 0)

5190MHz



Date: 28.NOV.2024 09:08:05

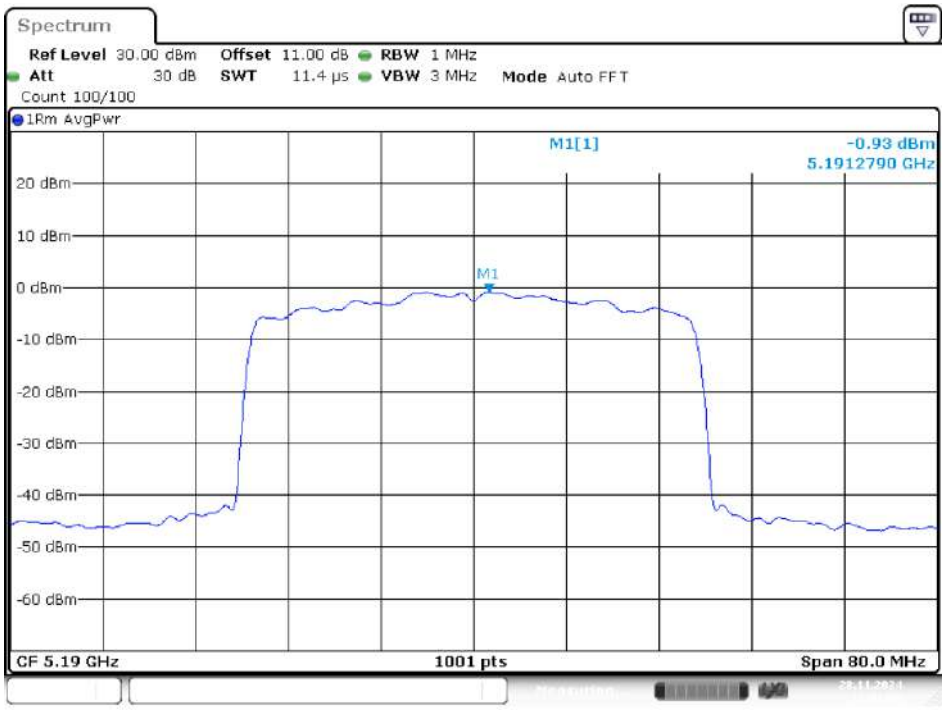
5230MHz



Date: 28.NOV.2024 09:10:11

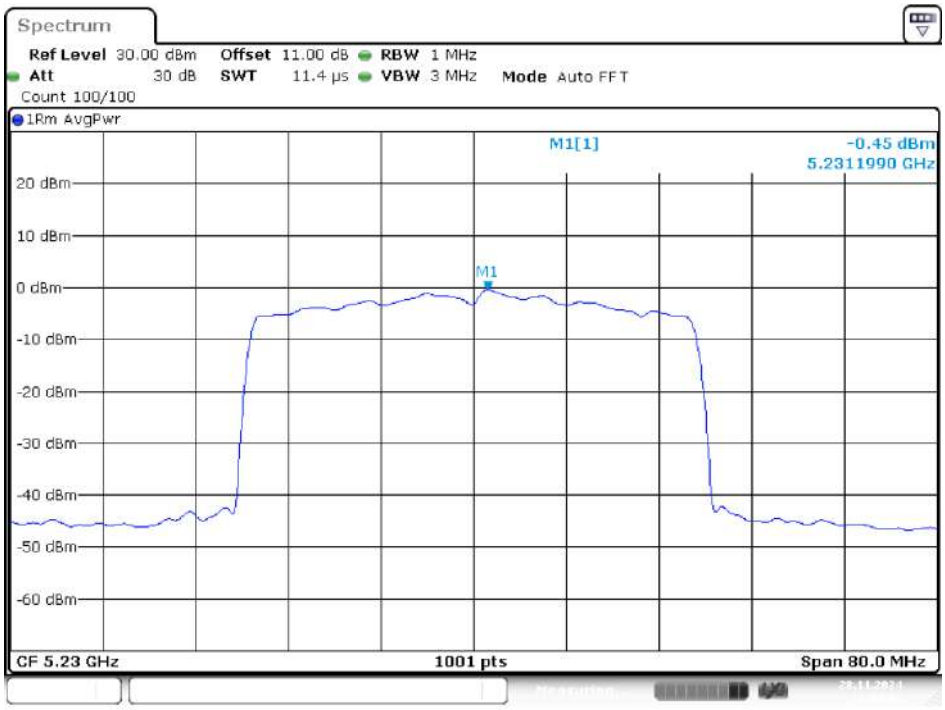
IEEE 802.11ax HE40 Mode / 5150 ~ 5250MHz (Chain 1)

5190MHz



Date: 28.NOV.2024 13:41:49

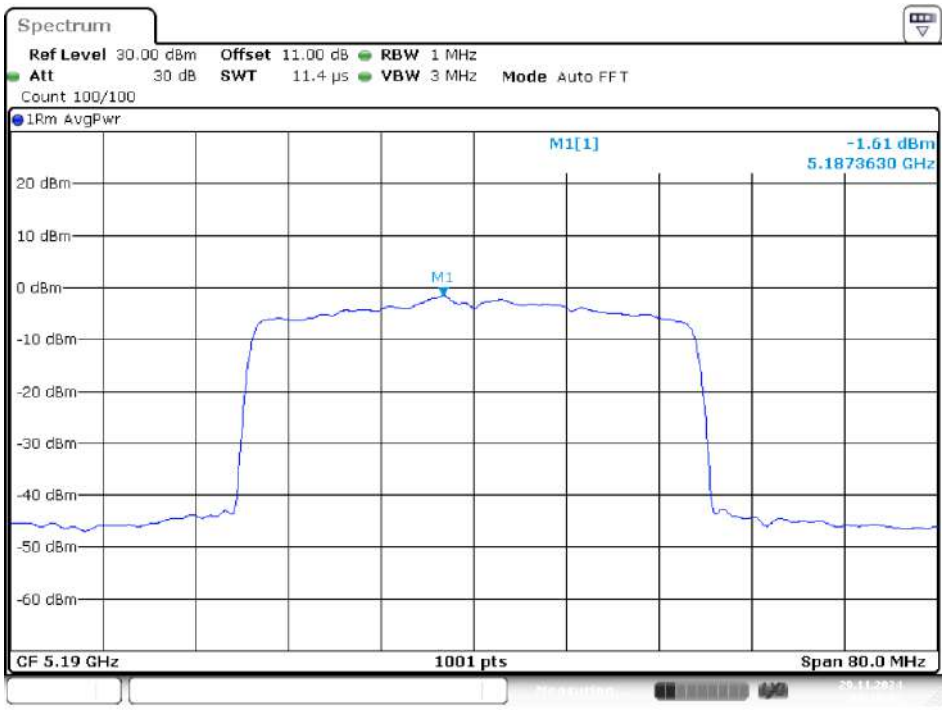
5230MHz



Date: 28.NOV.2024 13:44:51

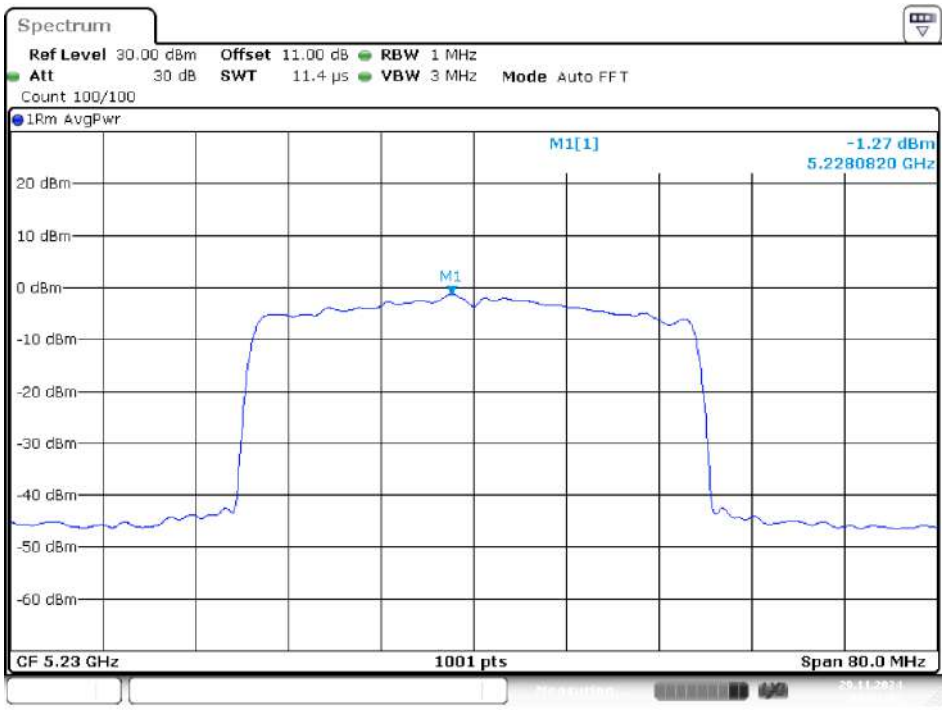
IEEE 802.11ax HE40 Mode / 5150 ~ 5250MHz (Chain 2)

5190MHz



Date: 29.NOV.2024 09:18:43

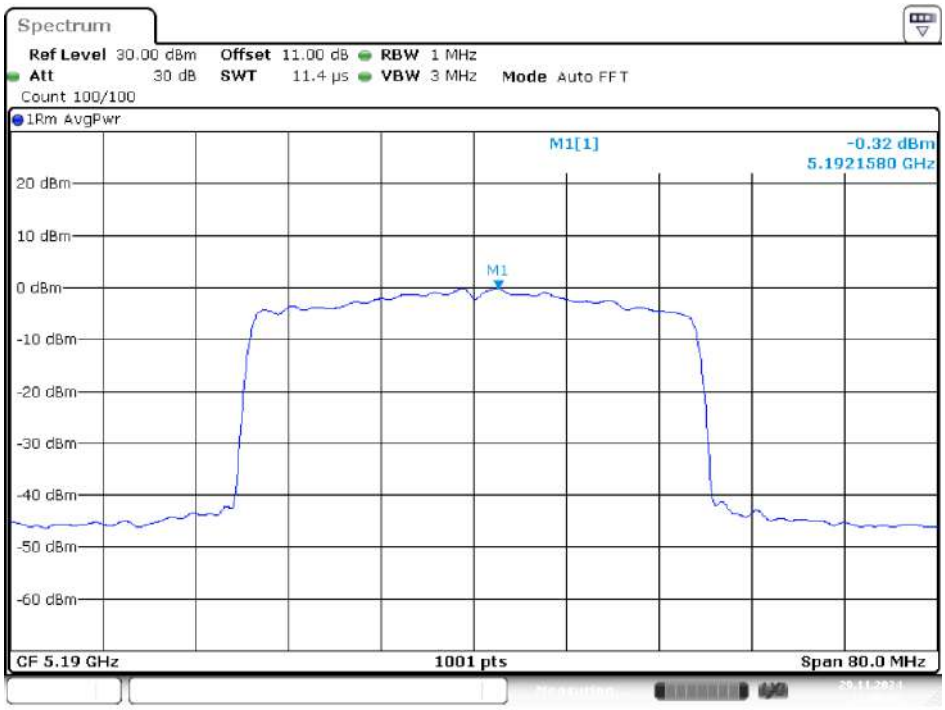
5230MHz



Date: 29.NOV.2024 09:21:08

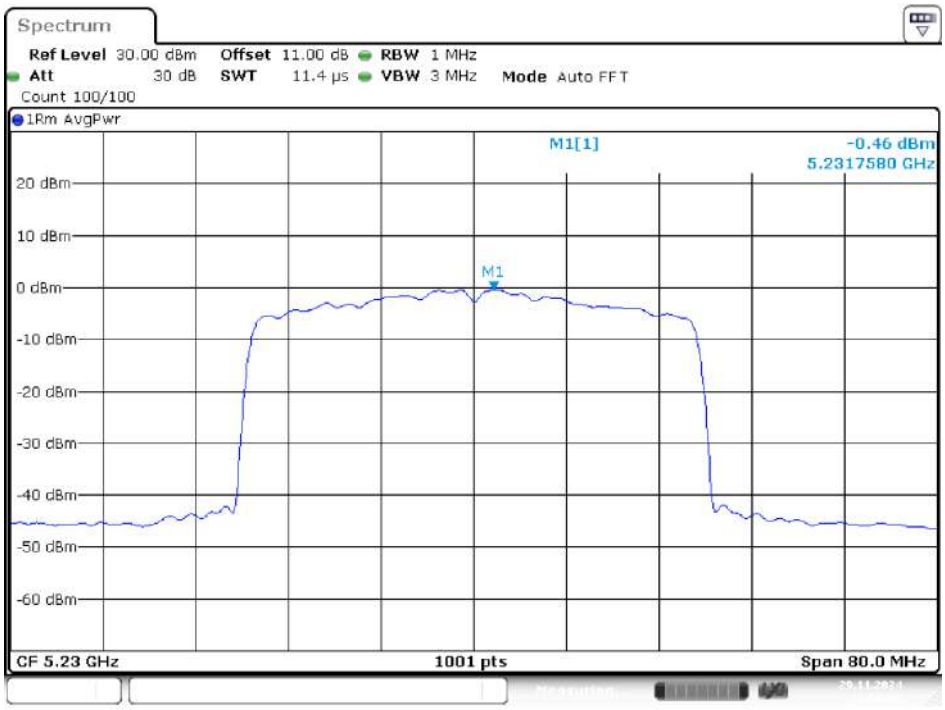
IEEE 802.11ax HE40 Mode / 5150 ~ 5250MHz (Chain 3)

5190MHz



Date: 29.NOV.2024 11:48:26

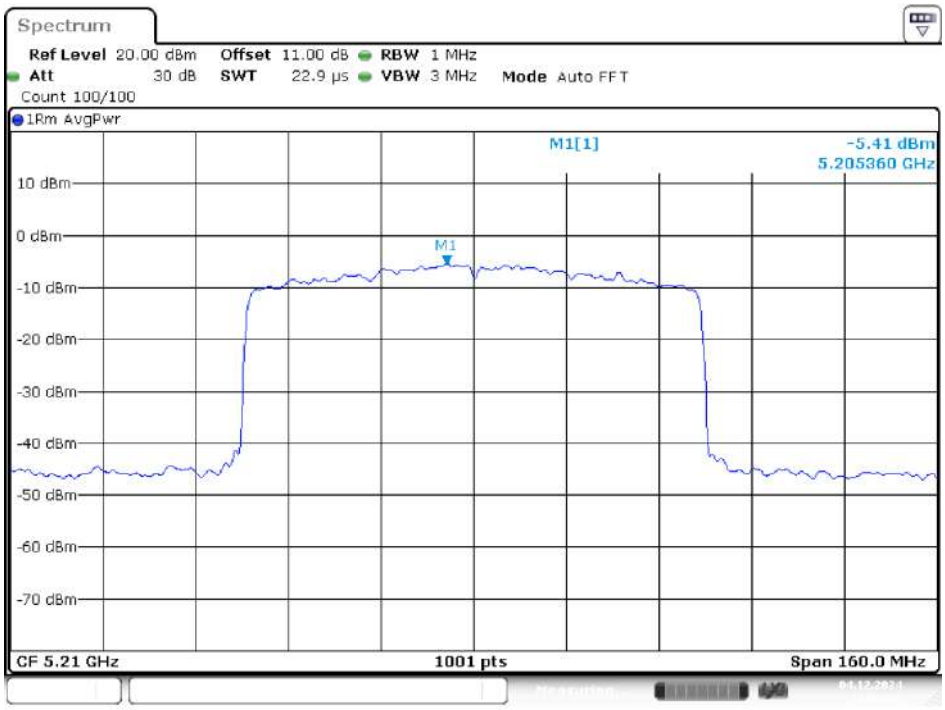
5230MHz



Date: 29.NOV.2024 11:50:07

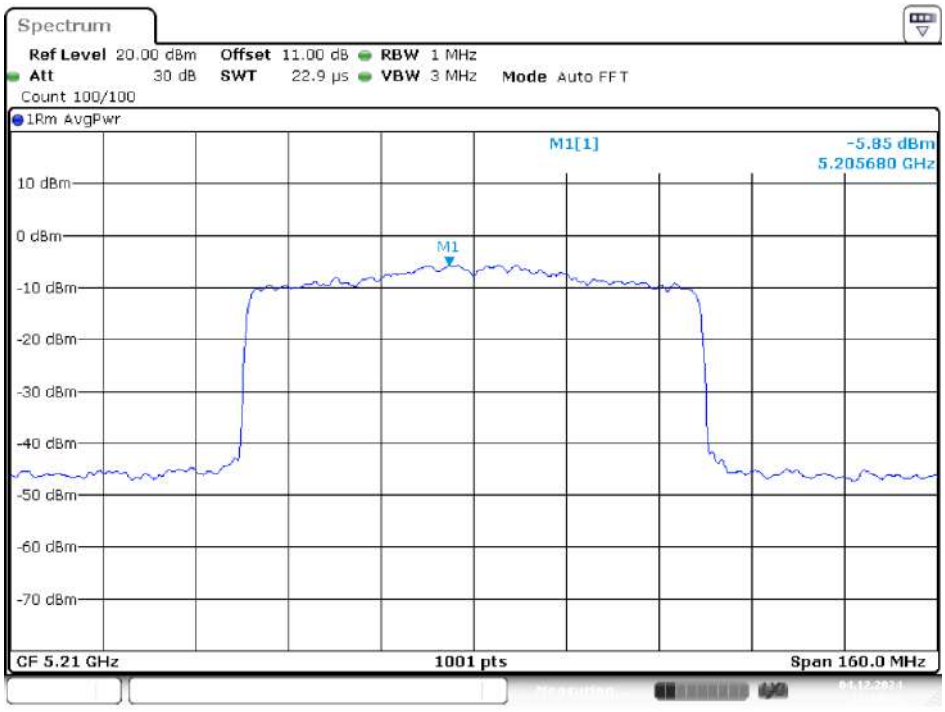
IEEE 802.11ax HE80 Mode / 5150 ~ 5250MHz (Chain 0)

5210MHz



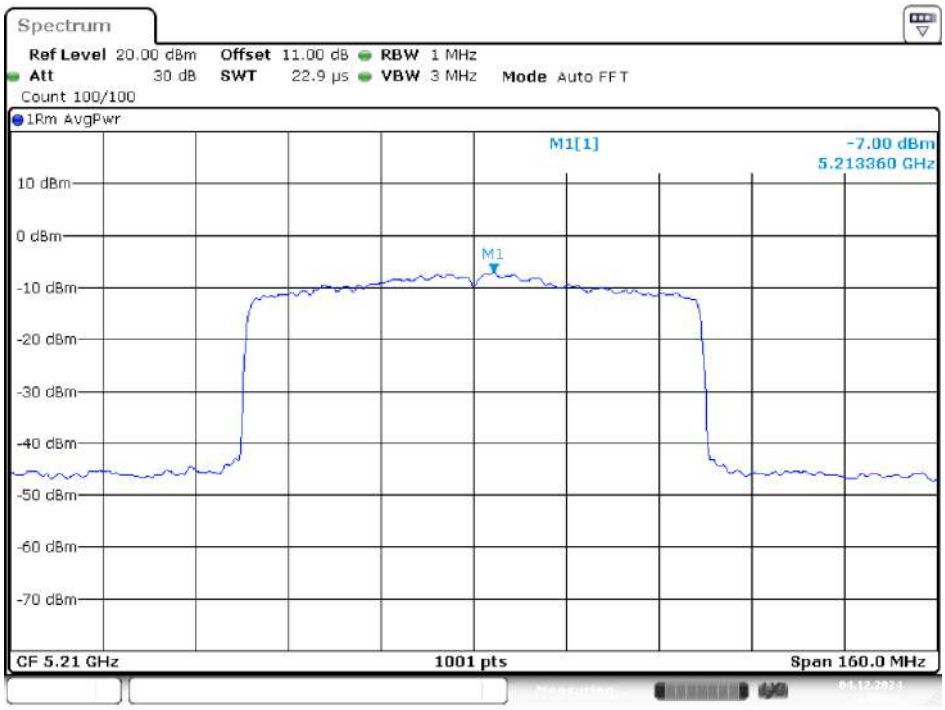
IEEE 802.11ax HE80 Mode / 5150 ~ 5250MHz (Chain 1)

5210MHz



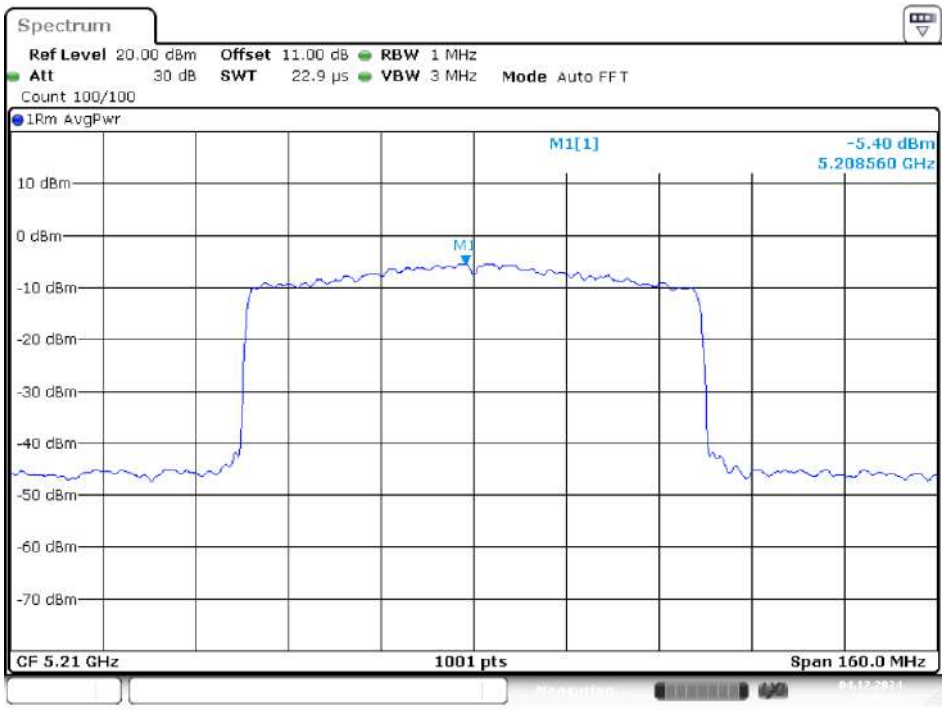
IEEE 802.11ax HE80 Mode / 5150 ~ 5250MHz (Chain 2)

5210MHz



IEEE 802.11ax HE80 Mode / 5150 ~ 5250MHz (Chain 3)

5210MHz



UNII-2A Band II / PSD

IEEE 802.11a Mode / 5250 ~ 5350MHz (Chain 0)

5260MHz

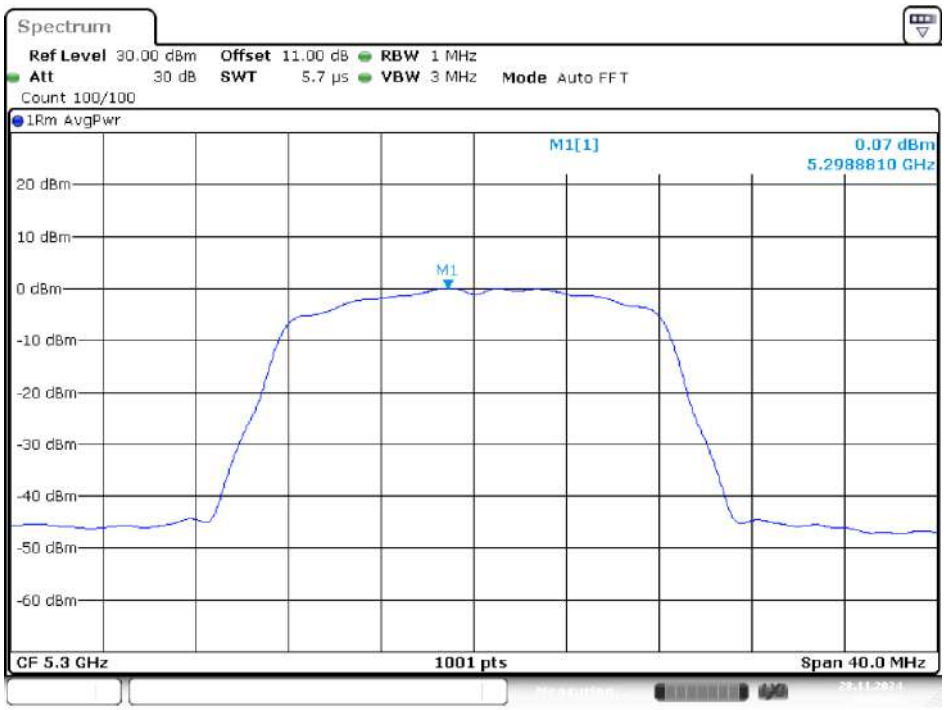
5300MHz

5320MHz

IEEE 802.11a Mode / 5250 ~ 5350MHz (Chain 1)

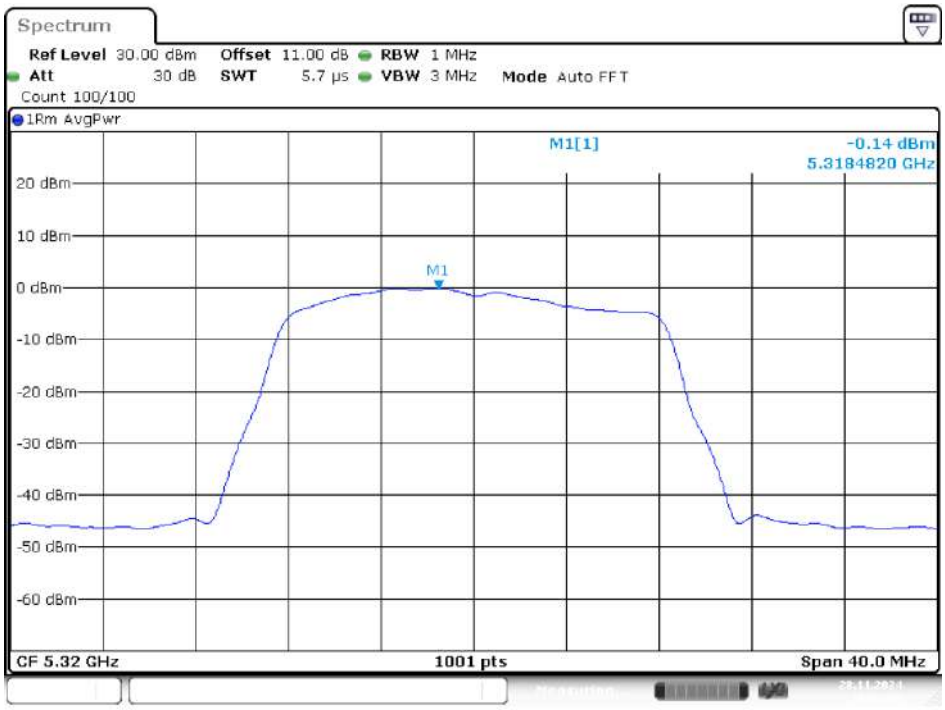
5260MHz

5300MHz



Date: 28.NOV.2024 10:35:56

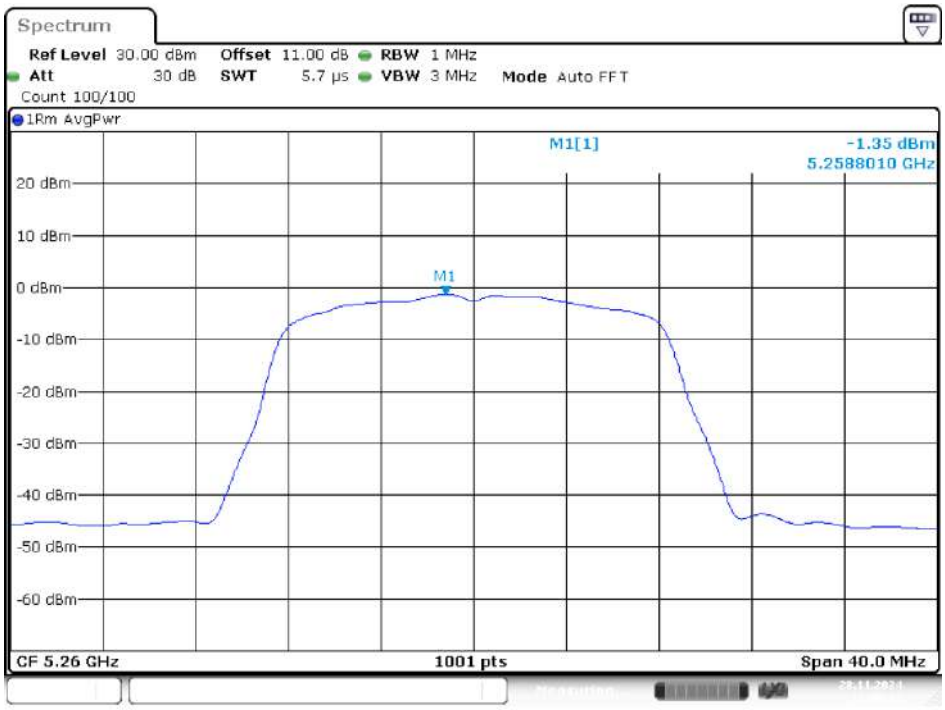
5320MHz



Date: 28.NOV.2024 10:37:49

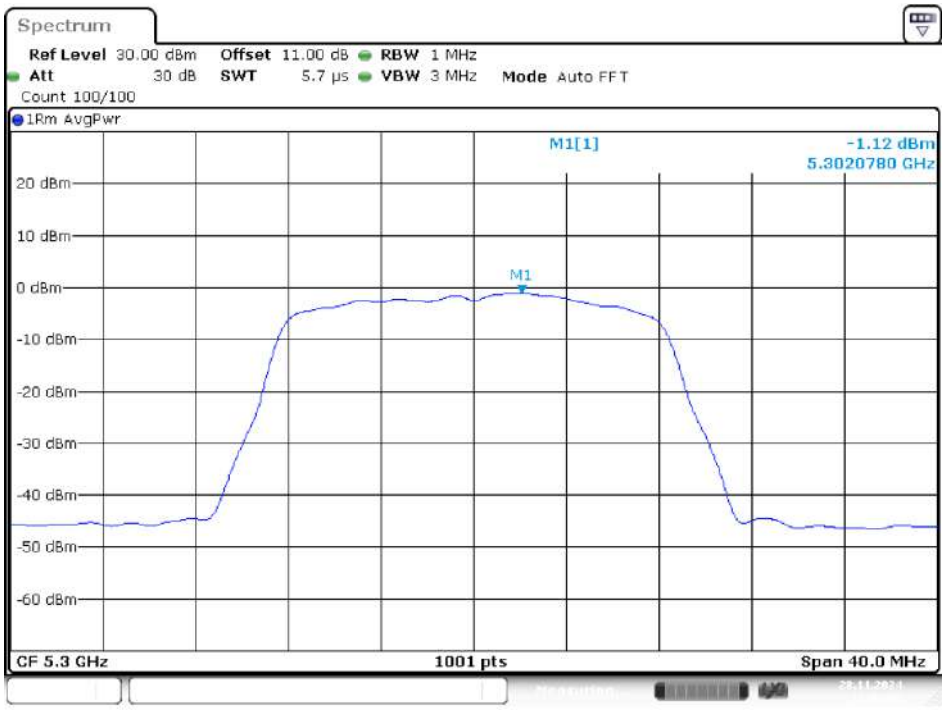
IEEE 802.11a Mode / 5250 ~ 5350MHz (Chain 2)

5260MHz



Date: 28.NOV.2024 15:46:32

5300MHz



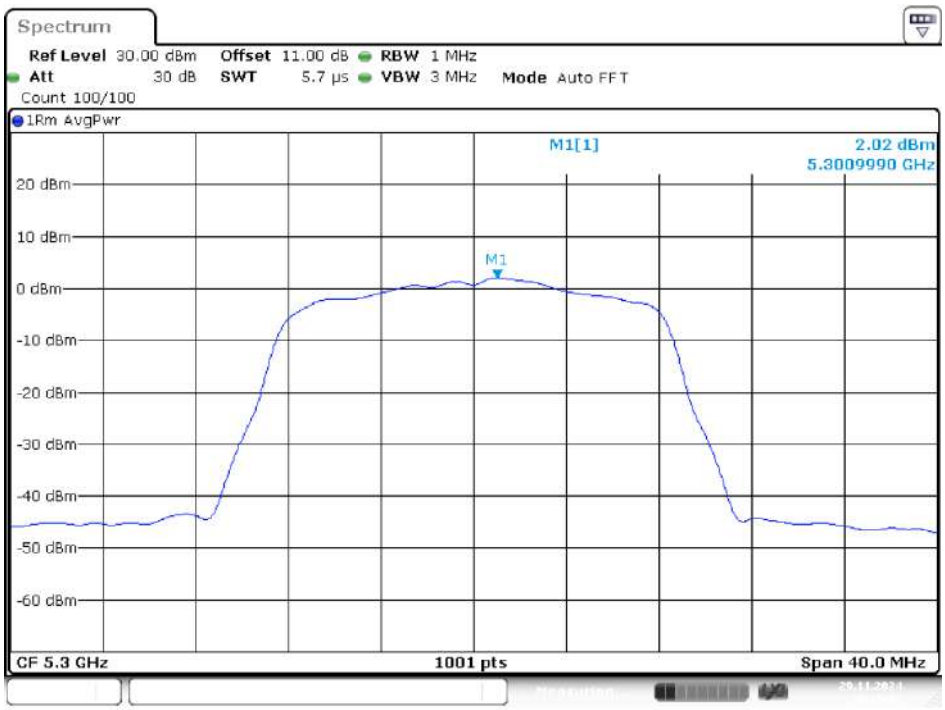
Date: 28.NOV.2024 15:47:51

5320MHz

IEEE 802.11a Mode / 5250 ~ 5350MHz (Chain 3)

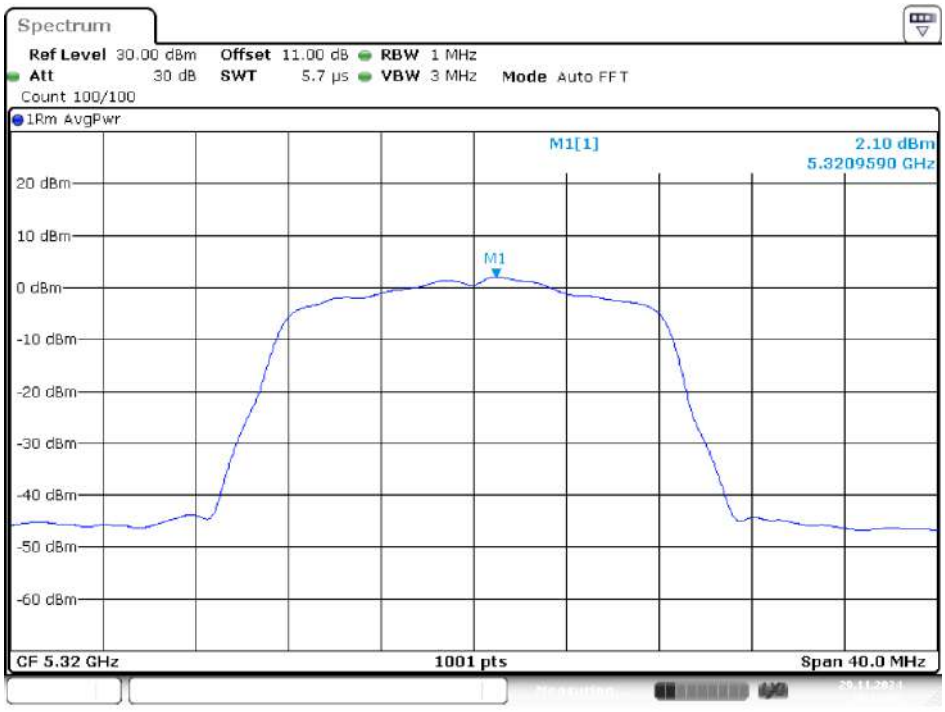
5260MHz

5300MHz



Date: 29.NOV.2024 10:15:43

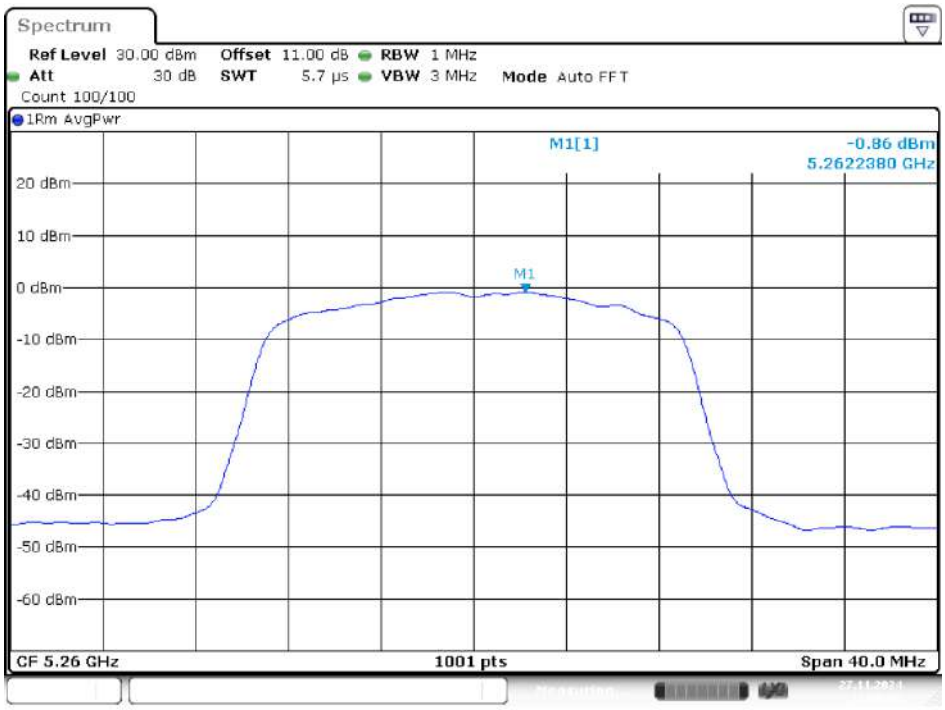
5320MHz



Date: 29.NOV.2024 10:17:55

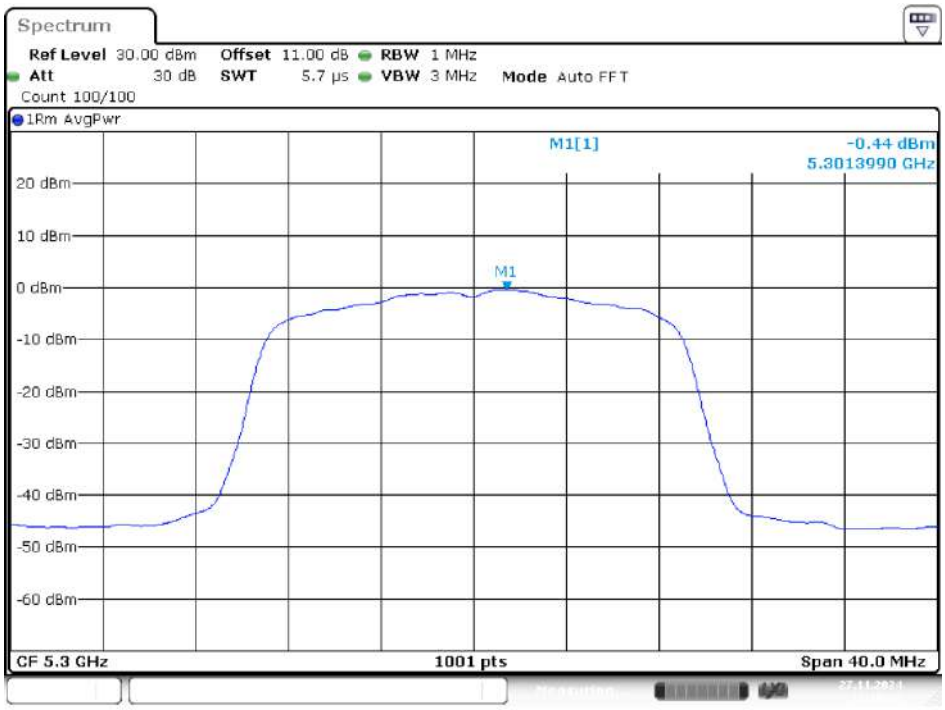
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz (Chain 0)

5260MHz



Date: 27.NOV.2024 15:08:38

5300MHz



Date: 27.NOV.2024 15:10:23

5320MHz

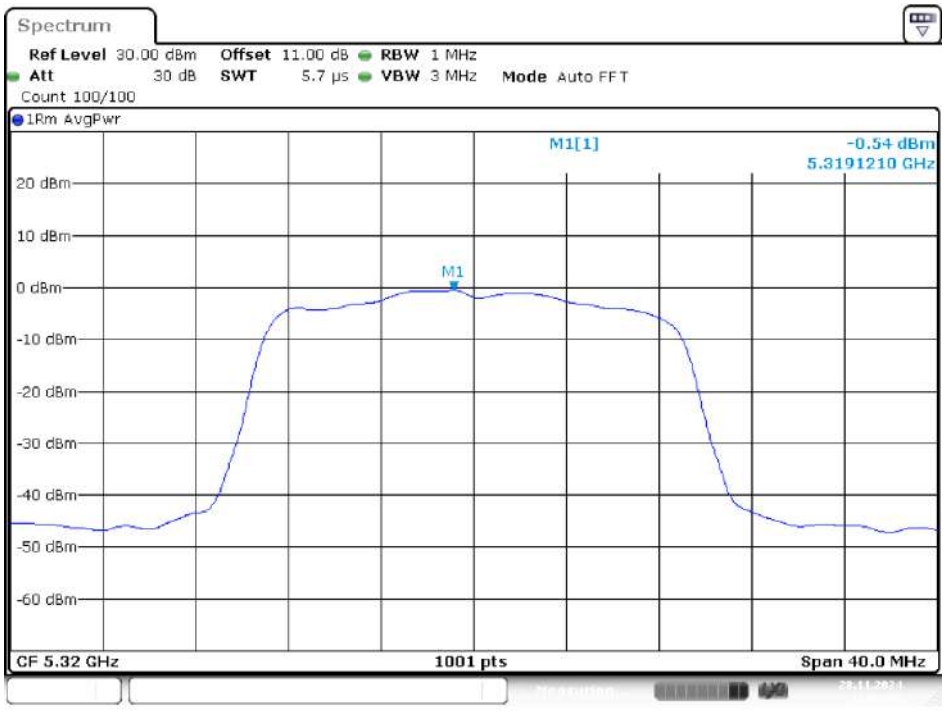
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz (Chain 1)

5260MHz

5300MHz

Date: 28.NOV.2024 11:00:32

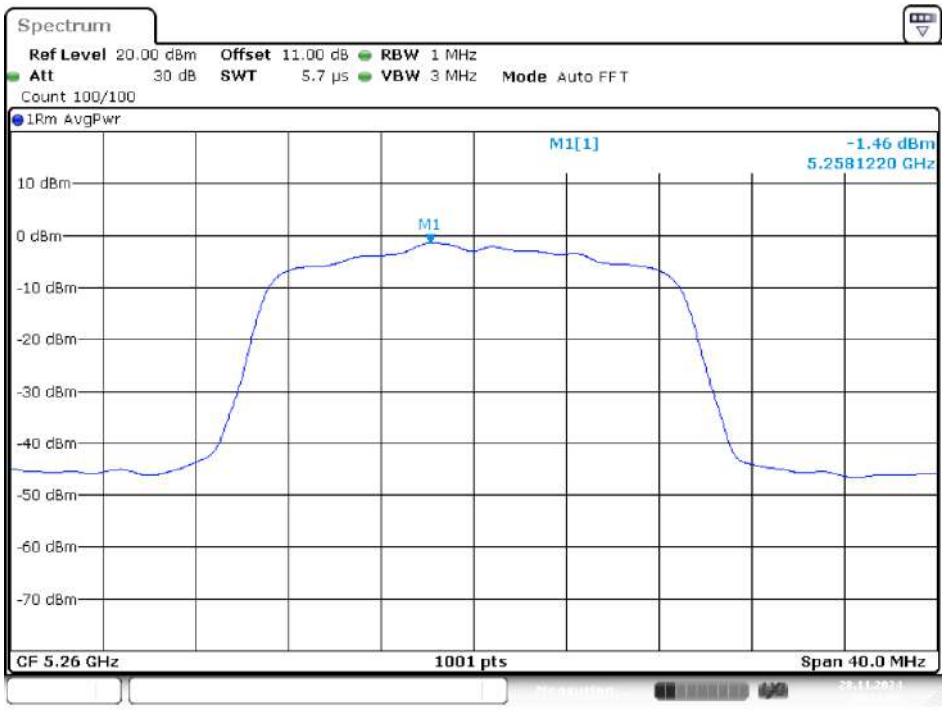
5320MHz



Date: 28.NOV.2024 11:02:36

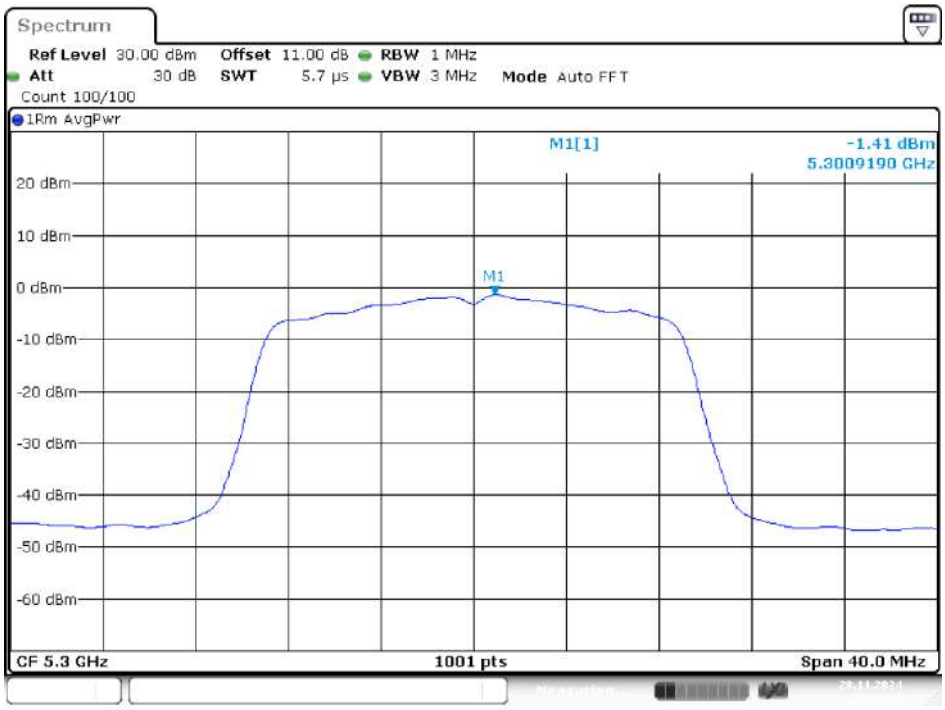
IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz (Chain 2)

5260MHz



Date: 28.NOV.2024 16:11:21

5300MHz



Date: 28.NOV.2024 16:13:17

5320MHz

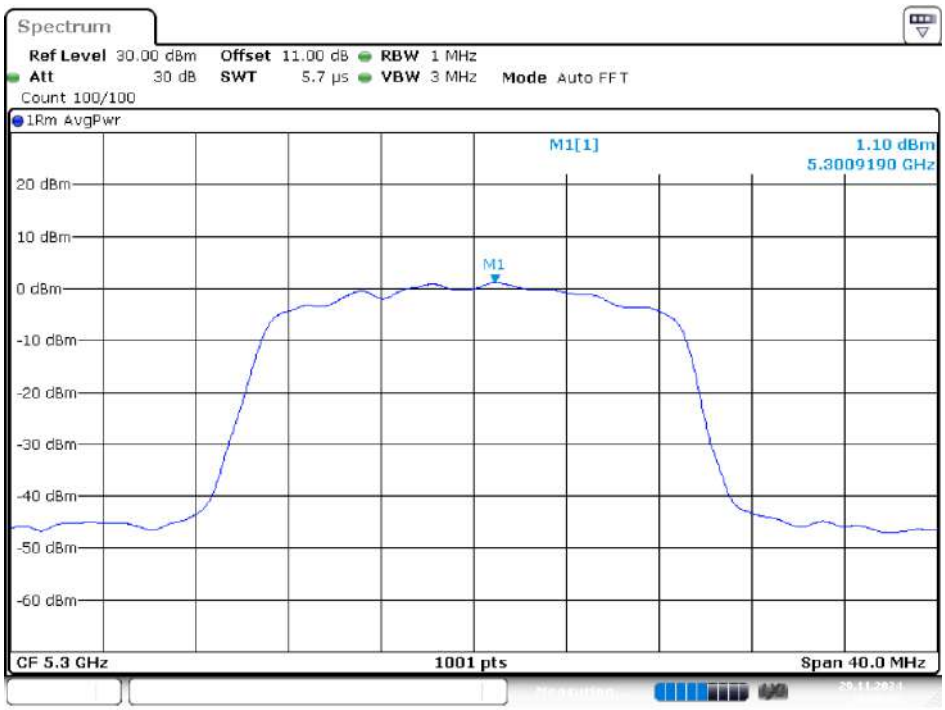
Date: 28.NOV.2024 16:14:45

IEEE 802.11ac VHT20 Mode / 5250 ~ 5350MHz (Chain 3)

5260MHz

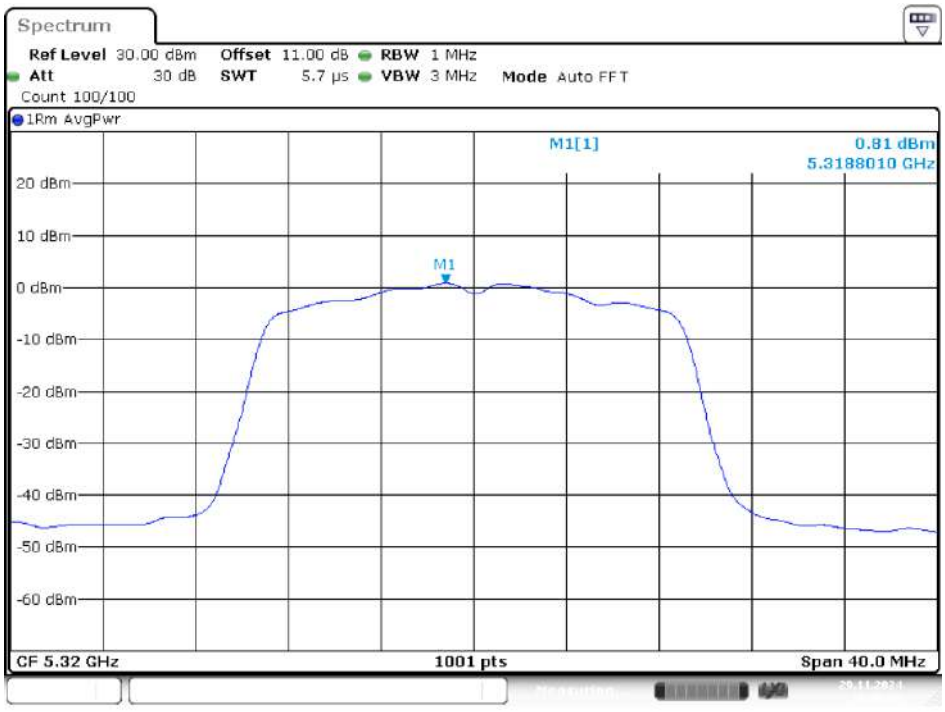
Date: 29.NOV.2024 10:37:23

5300MHz



Date: 29.NOV.2024 10:38:46

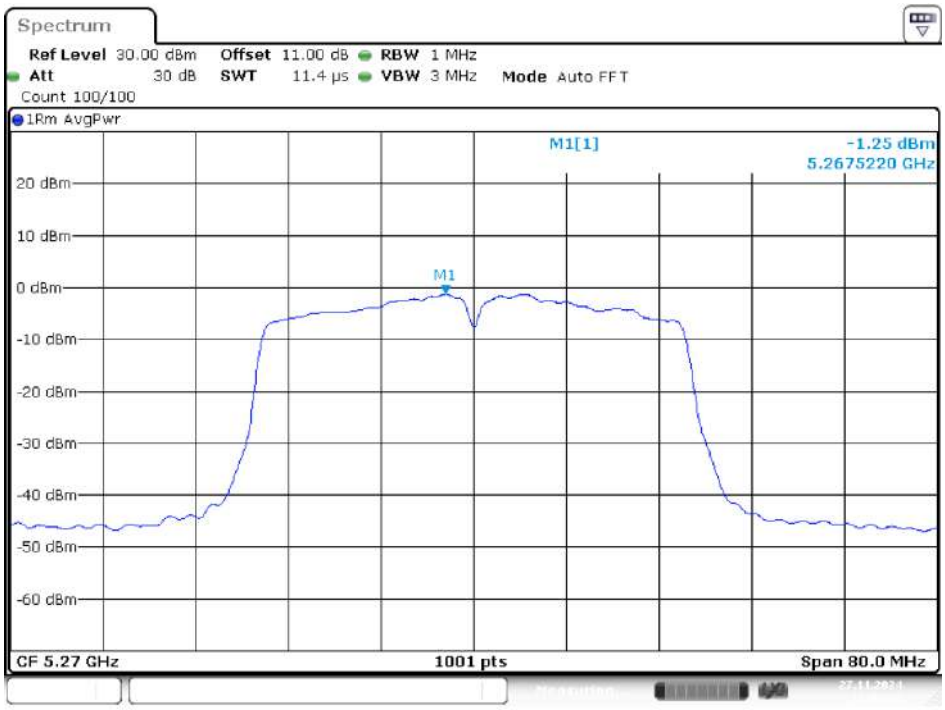
5320MHz



Date: 29.NOV.2024 10:40:39

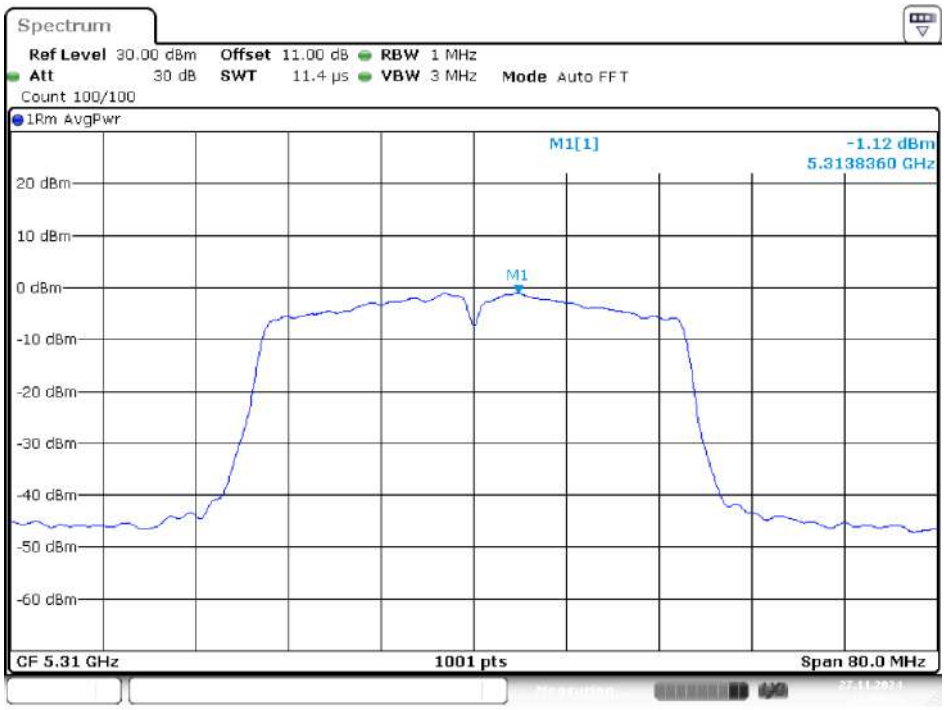
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz (Chain 0)

5270MHz



Date: 27.NOV.2024 15:42:18

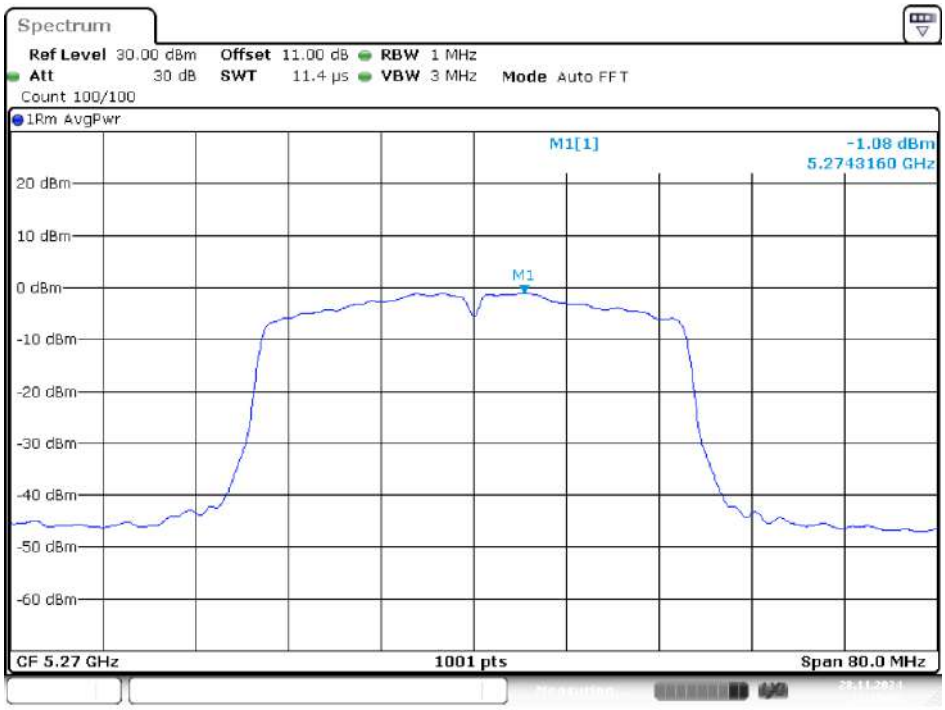
5310MHz



Date: 27.NOV.2024 15:44:16

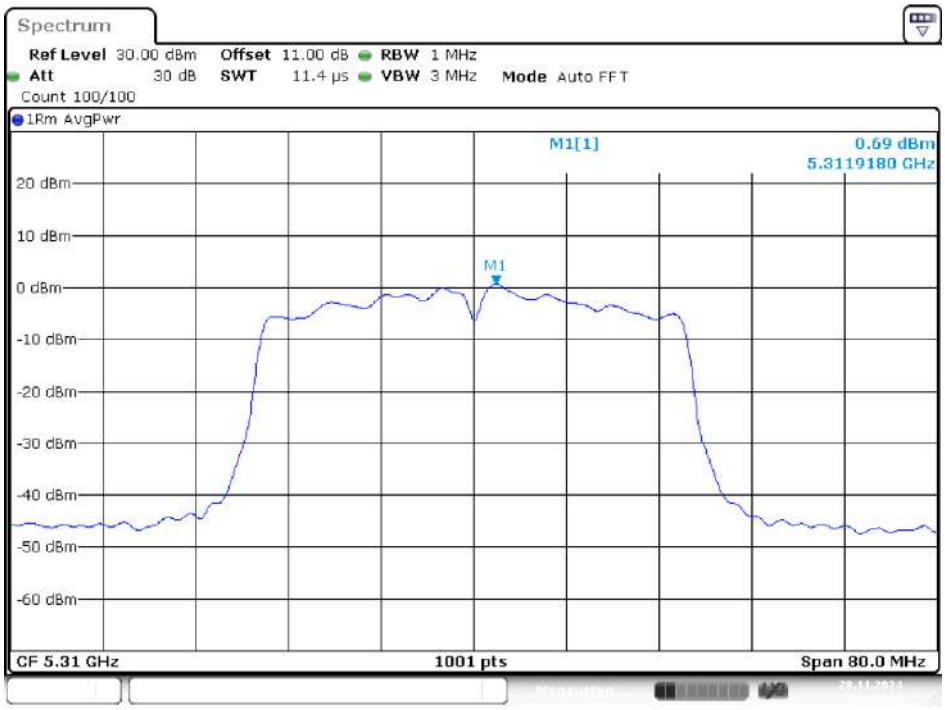
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz (Chain 1)

5270MHz



Date: 28.NOV.2024 11:15:56

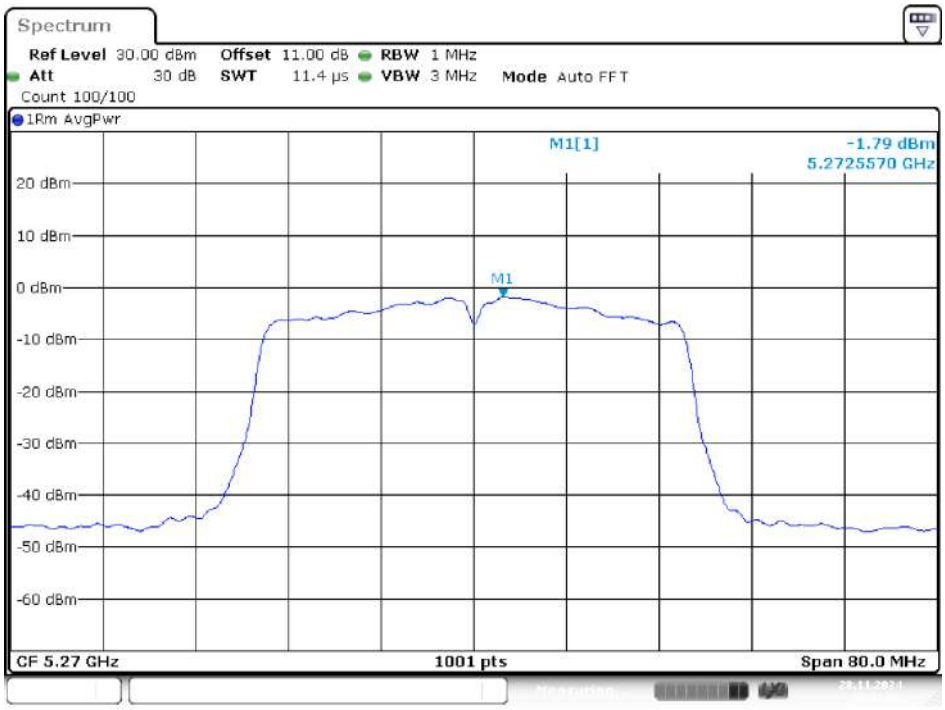
5310MHz



Date: 28.NOV.2024 11:18:17

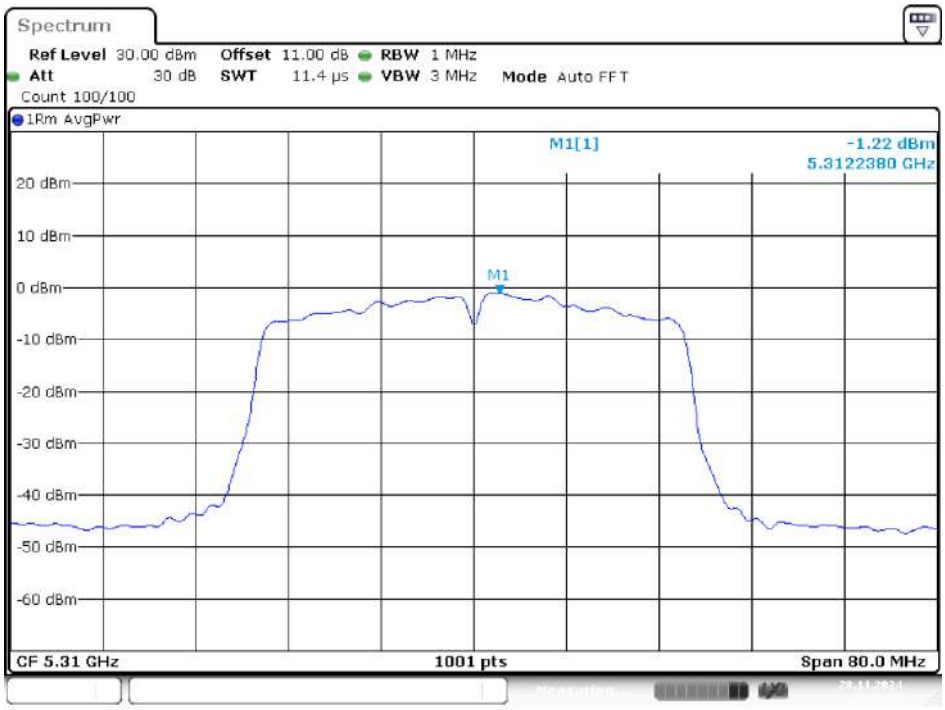
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz (Chain 2)

5270MHz



Date: 28.NOV.2024 16:41:46

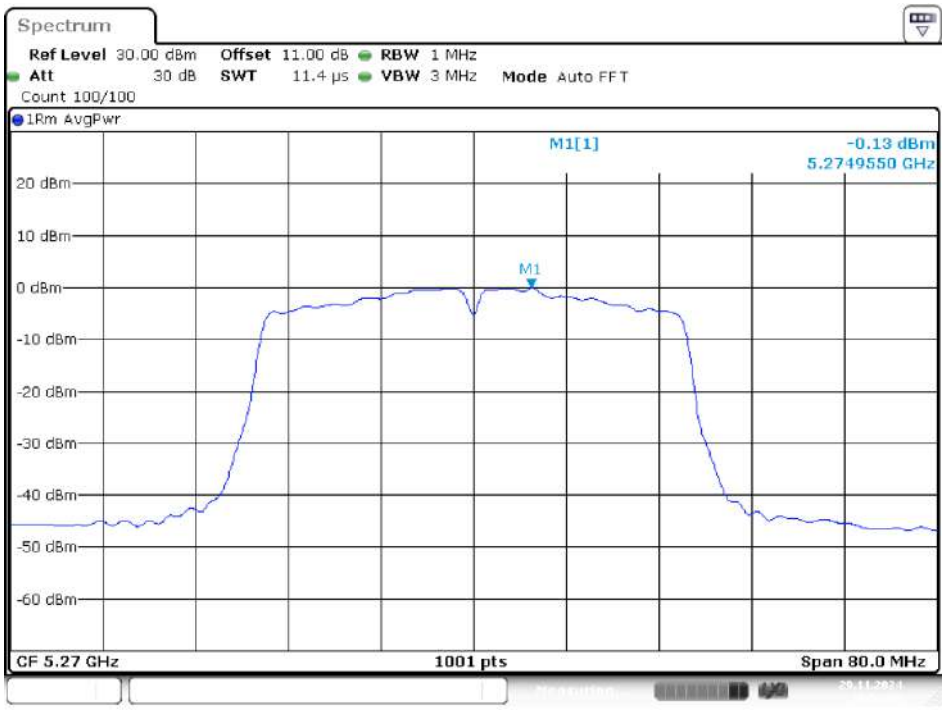
5310MHz



Date: 28.NOV.2024 16:43:49

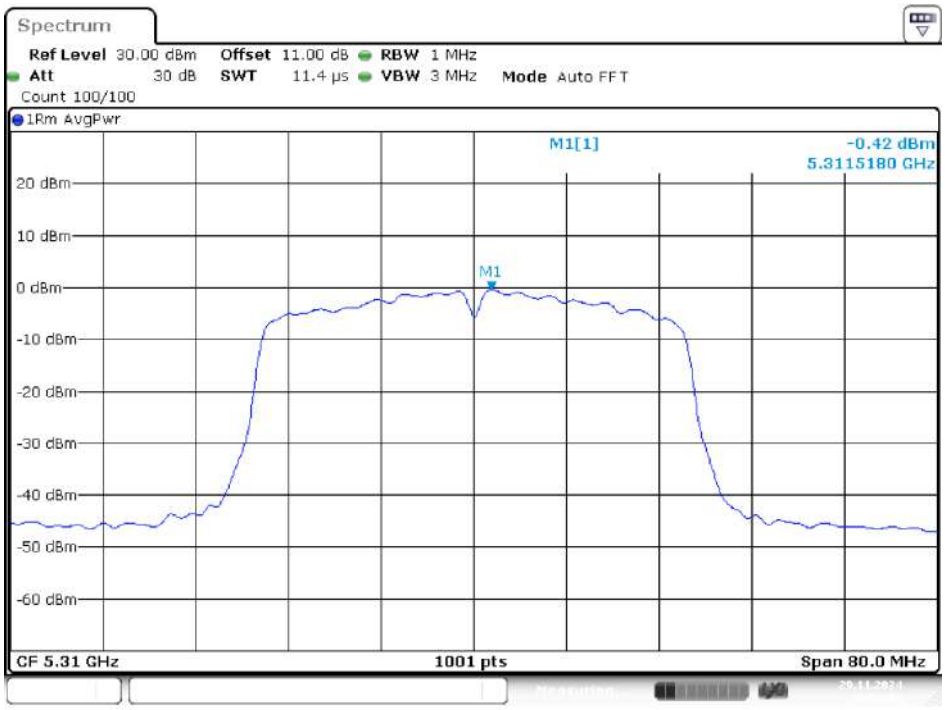
IEEE 802.11ac VHT40 Mode / 5250 ~ 5350MHz (Chain 3)

5270MHz



Date: 29.NOV.2024 10:53:10

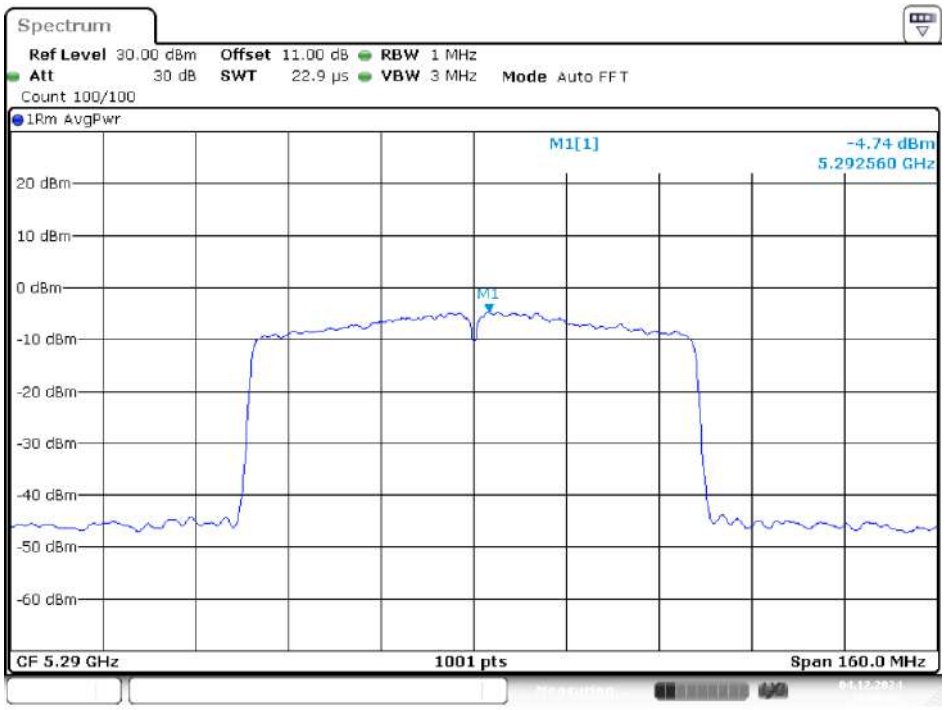
5310MHz



Date: 29.NOV.2024 10:57:45

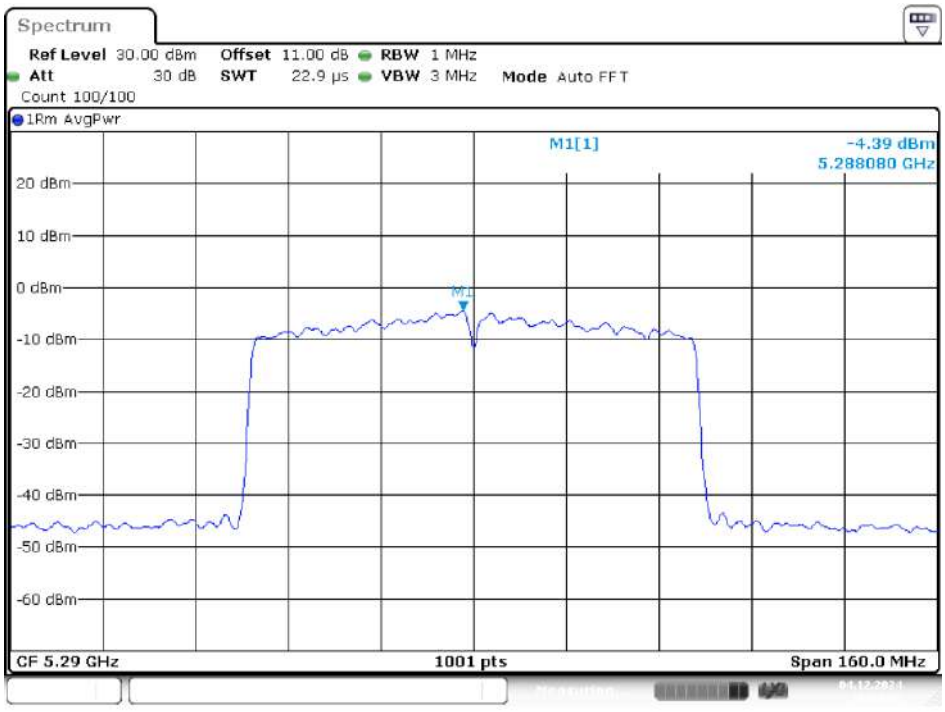
IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz (Chain 0)

5290MHz



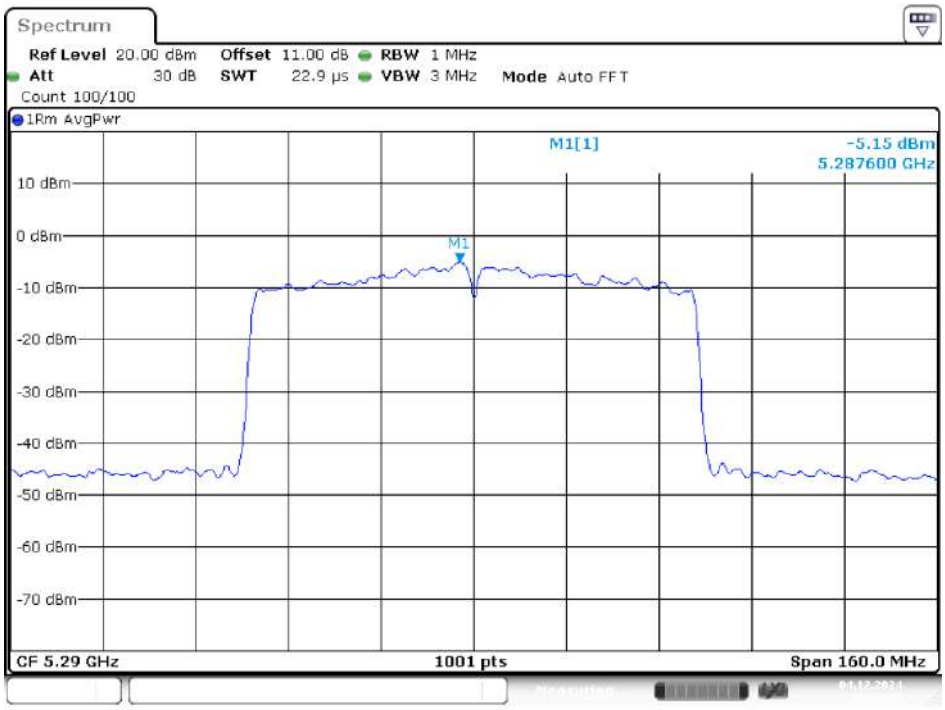
IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz (Chain 1)

5290MHz



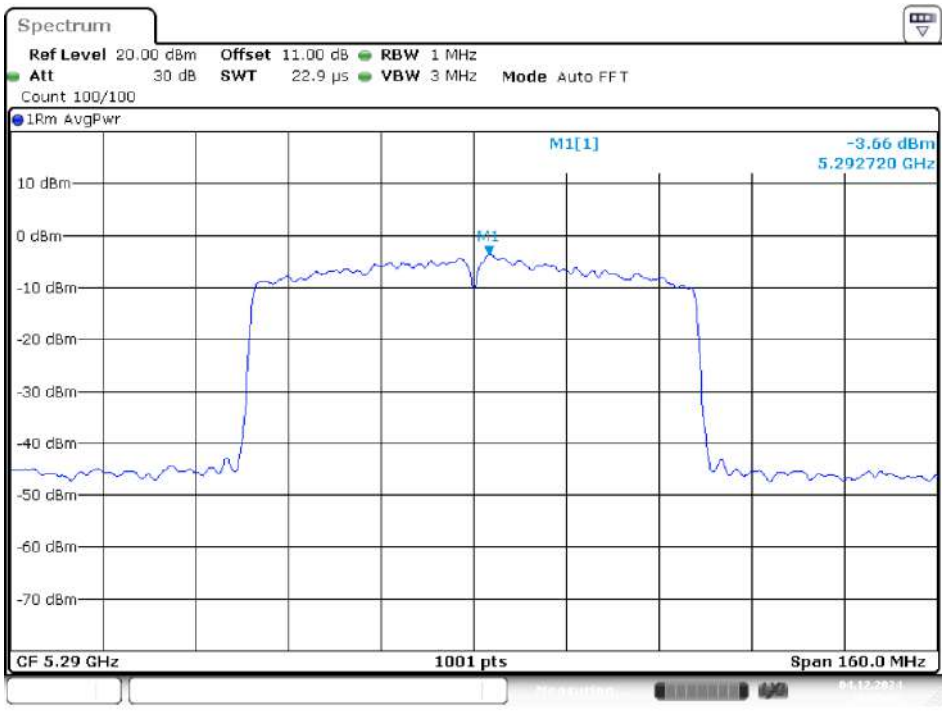
IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz (Chain 2)

5290MHz



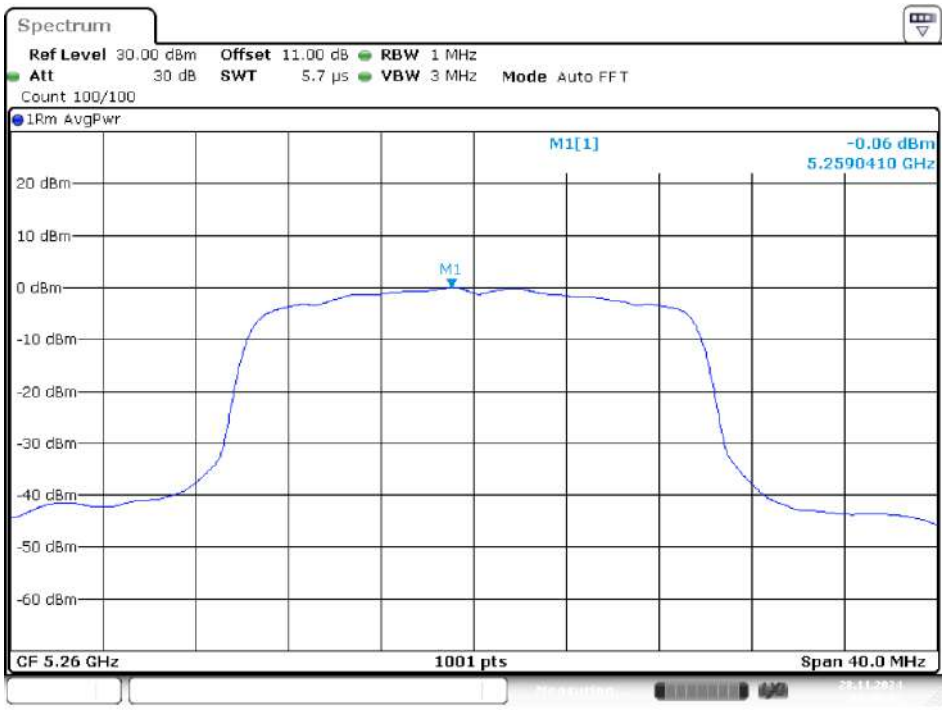
IEEE 802.11ac VHT80 Mode / 5250 ~ 5350MHz (Chain 3)

5290MHz



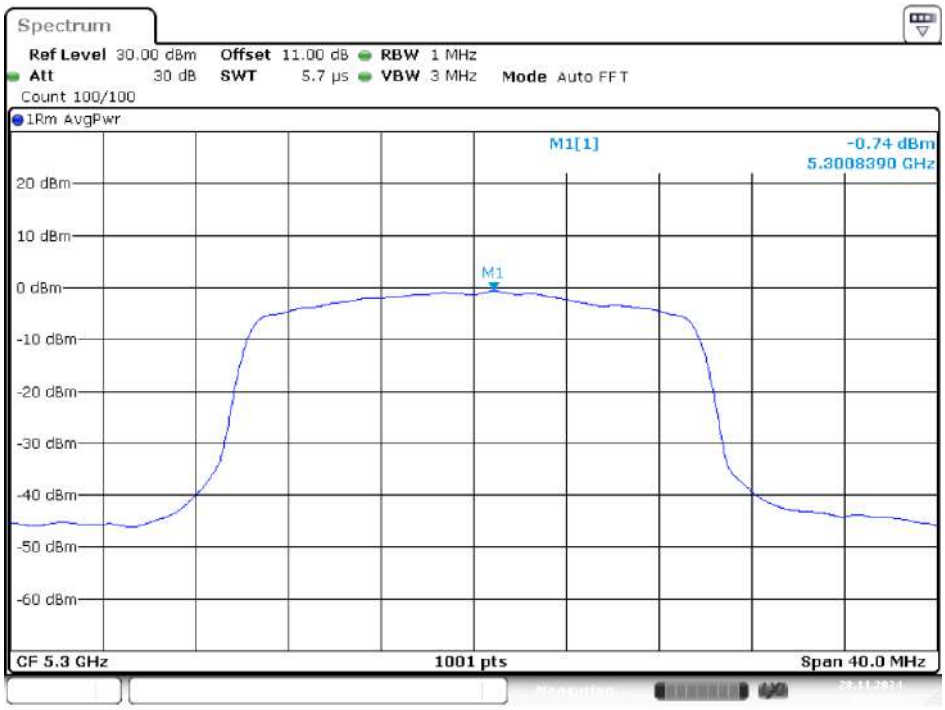
IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz (Chain 0)

5260MHz



Date: 28.NOV.2024 08:40:02

5300MHz



Date: 28.NOV.2024 08:53:47

5320MHz

IEEE 802.11ax HE20 Mode / 5250 ~ 5350MHz (Chain 1)

5260MHz