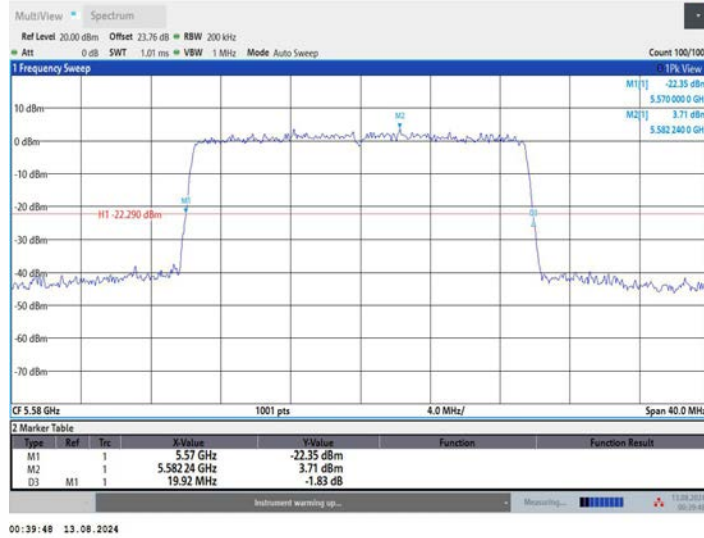
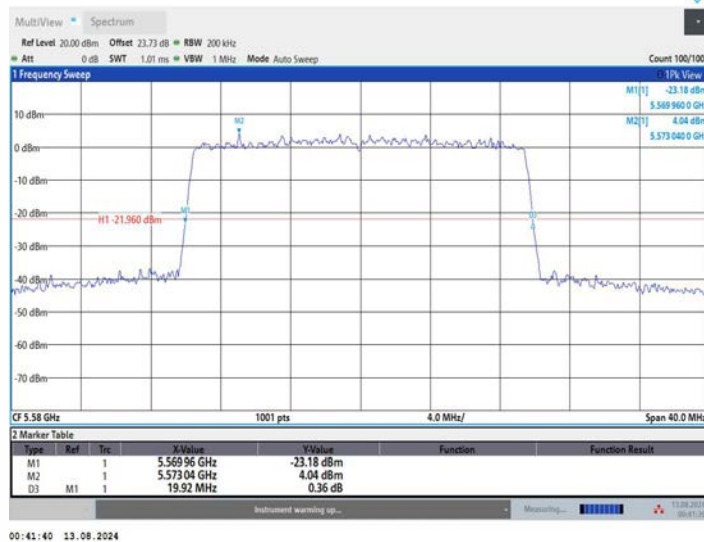
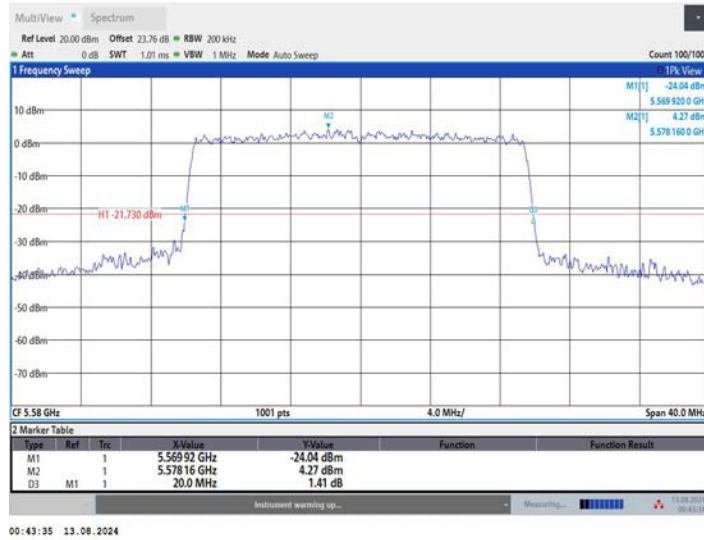




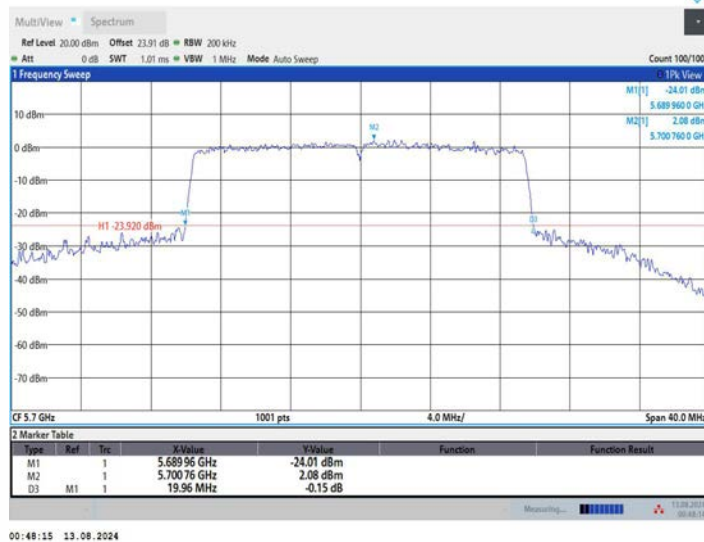
11BE20MIMO_Ant2_5580



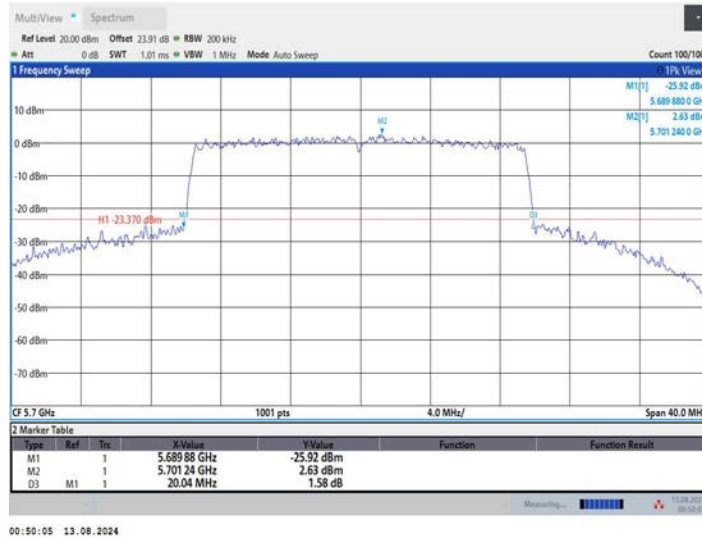
11BE20MIMO_Ant3_5580



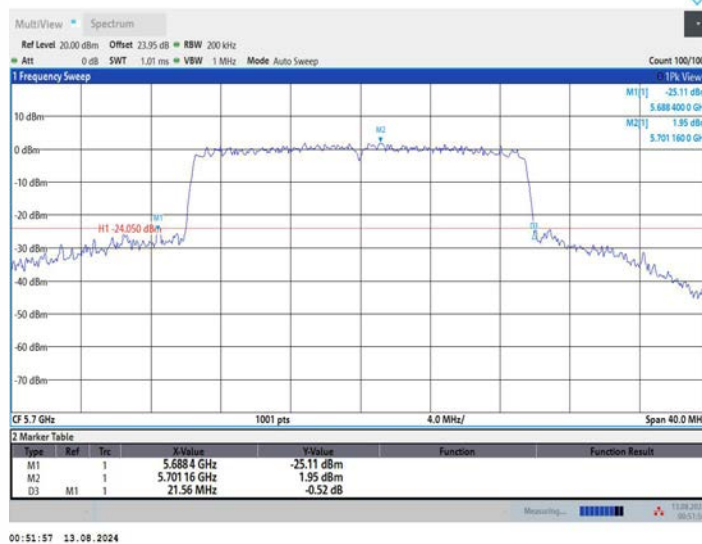
11BE20MIMO_Ant1_5700



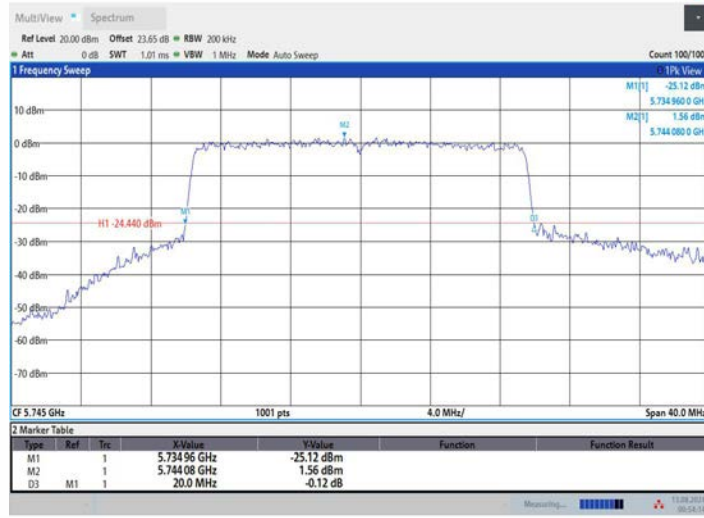
11BE20MIMO_Ant2_5700



11BE20MIMO_Ant3_5700

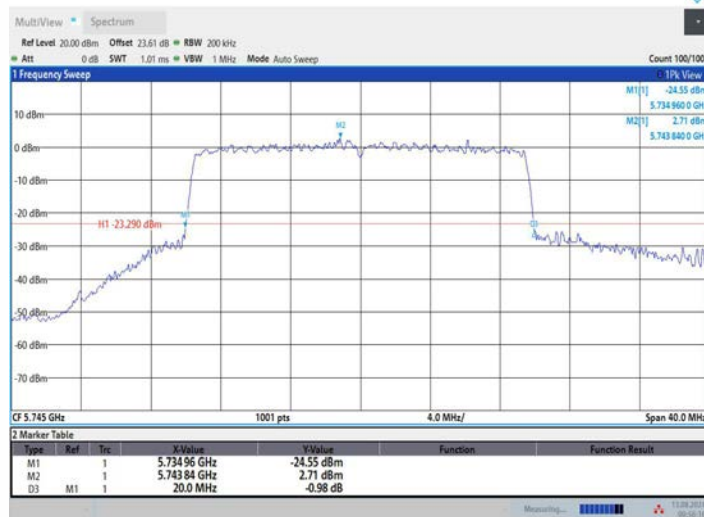


11BE20MIMO_Ant1_5745



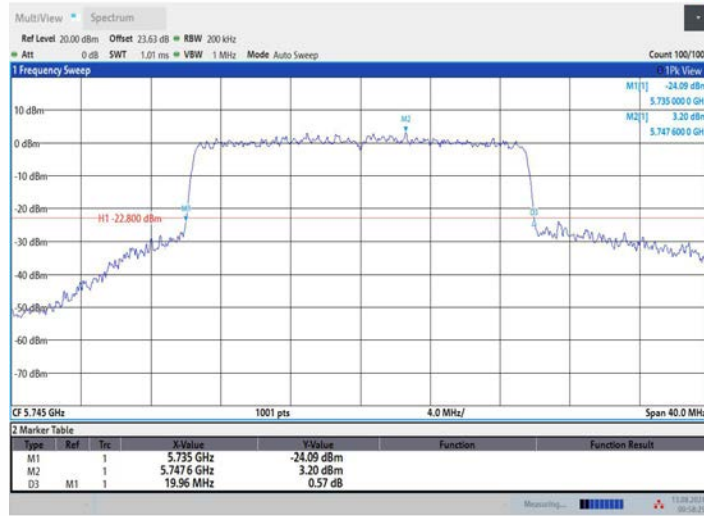
00:54:14 13.08.2024

11BE20MIMO_Ant2_5745

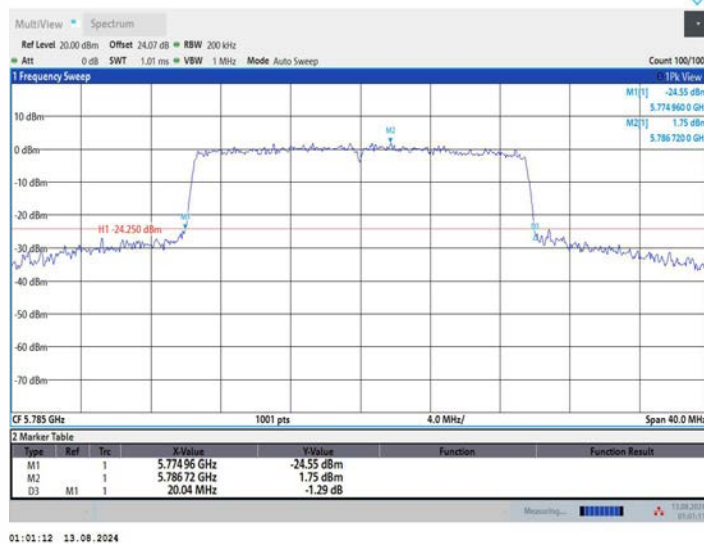


00:56:18 13.08.2024

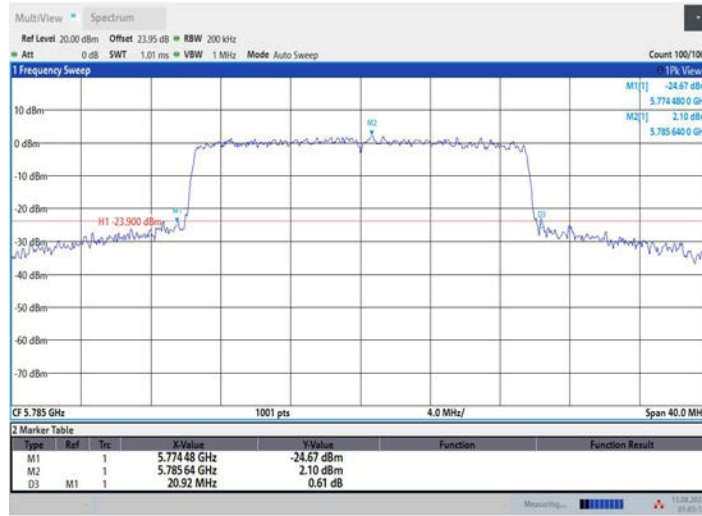
11BE20MIMO_Ant3_5745



11BE20MIMO_Ant1_5785

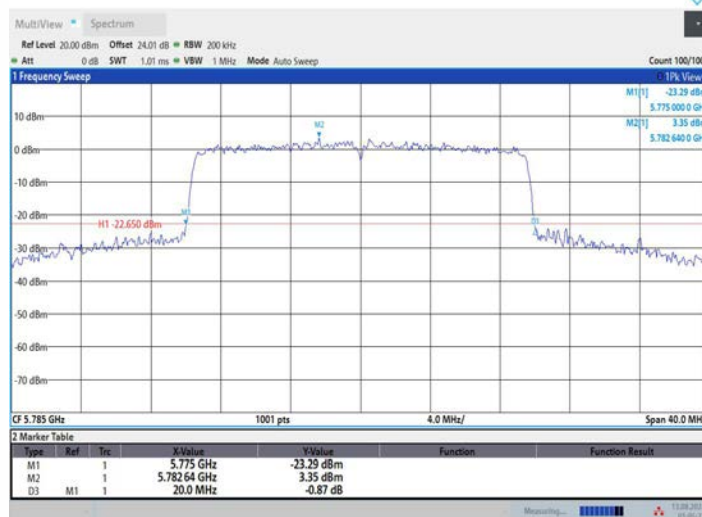


11BE20MIMO_Ant2_5785



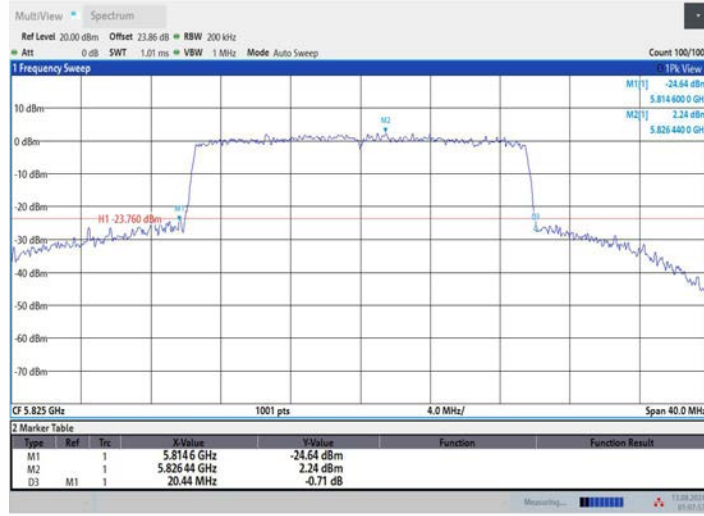
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11BE20MIMO_Ant3_5785



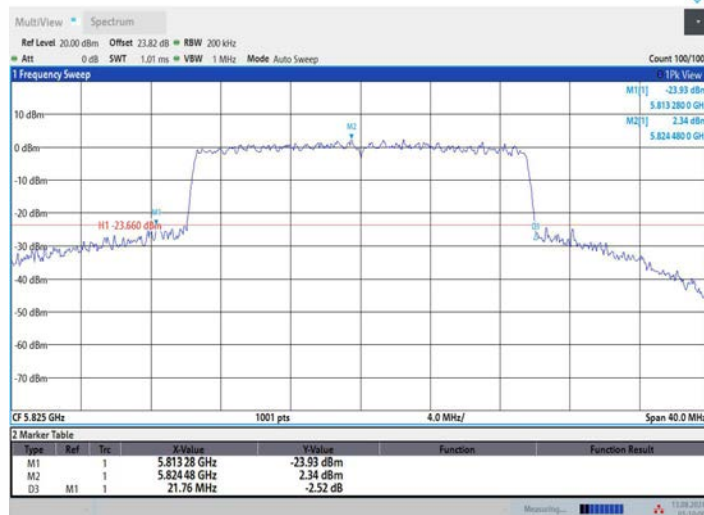
01:05:23 13.08.2024

11BE20MIMO_Ant1_5825



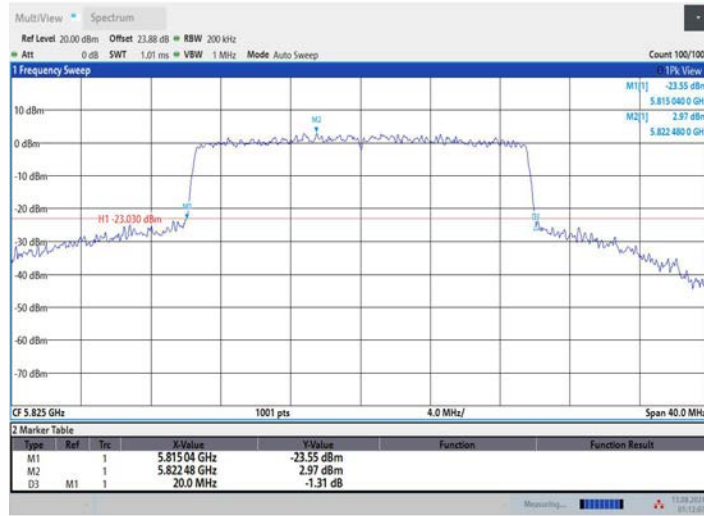
01:07:57 13.08.2024

11BE20MIMO_Ant2_5825



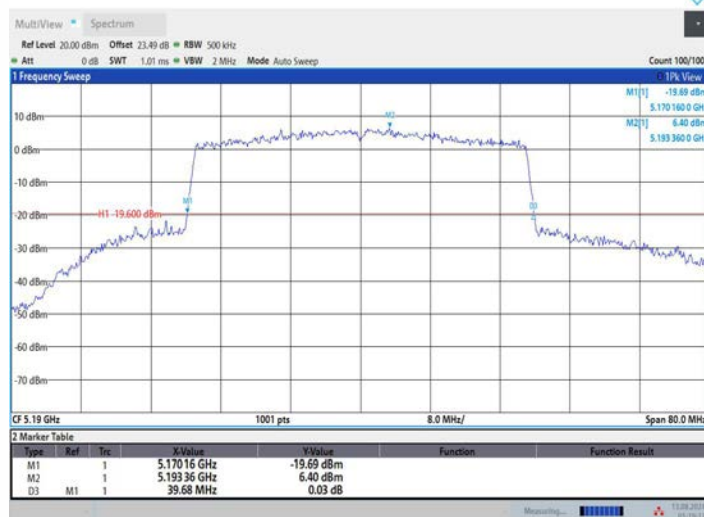
01:10:01 13.08.2024

11BE20MIMO_Ant3_5825



01:12:07 13.08.2024

11BE40MIMO_Ant1_5190



01:19:13 13.08.2024

11BE40MIMO_Ant2_5190



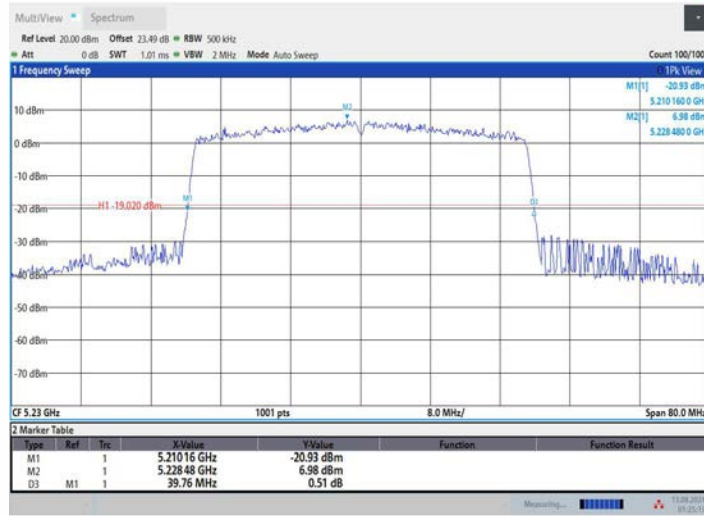
01:20:59 13.08.2024

11BE40MIMO_Ant3_5190

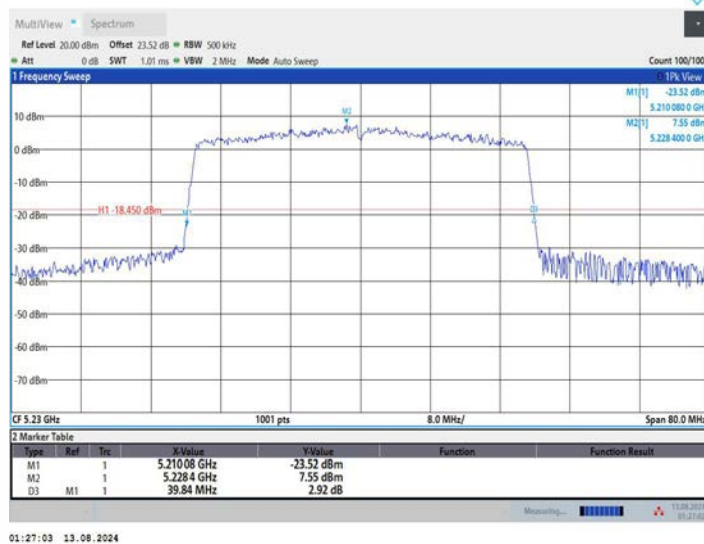


01:22:51 13.08.2024

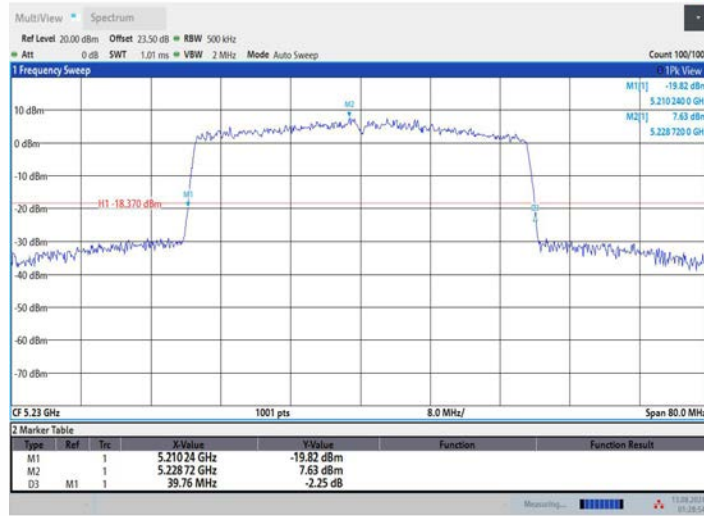
11BE40MIMO_Ant1_5230



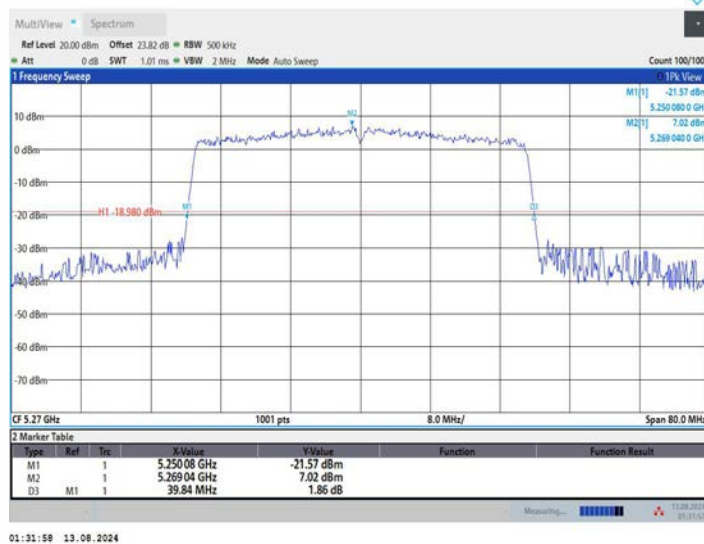
11BE40MIMO_Ant2_5230



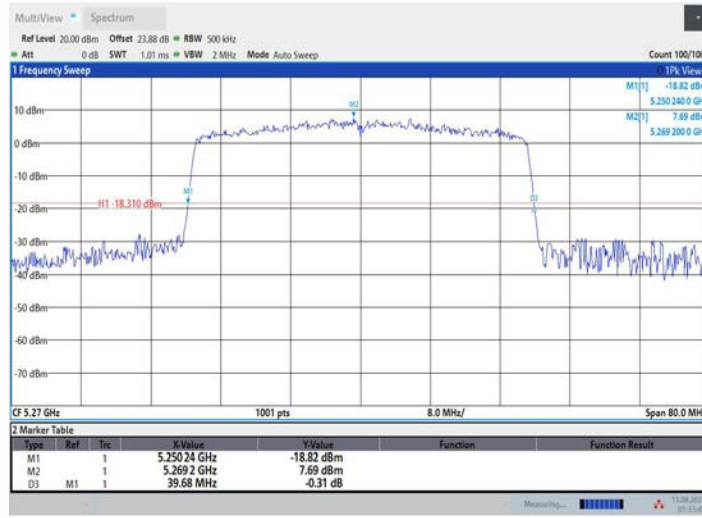
11BE40MIMO_Ant3_5230



11BE40MIMO_Ant1_5270

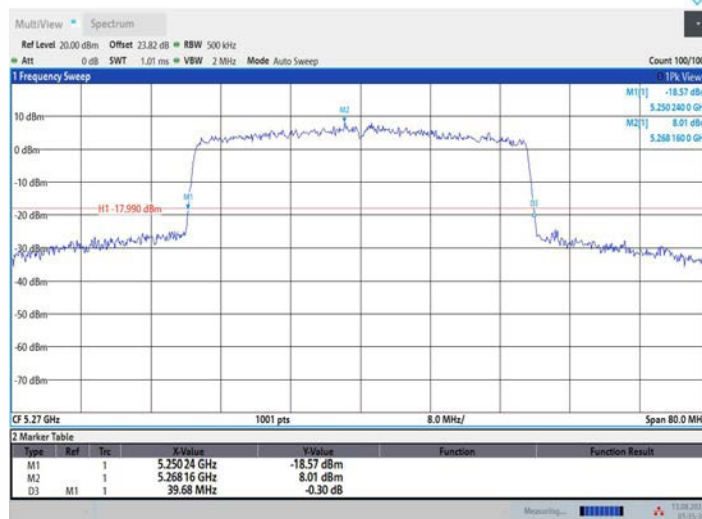


11BE40MIMO_Ant2_5270



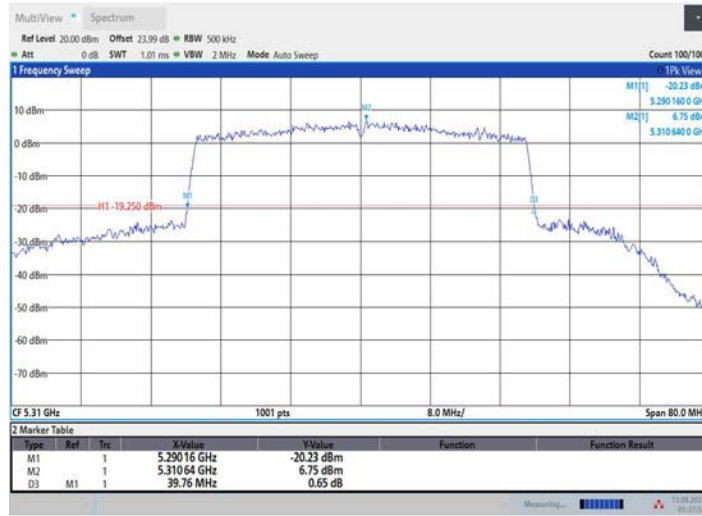
01:33:46 13.08.2024

11BE40MIMO_Ant3_5270

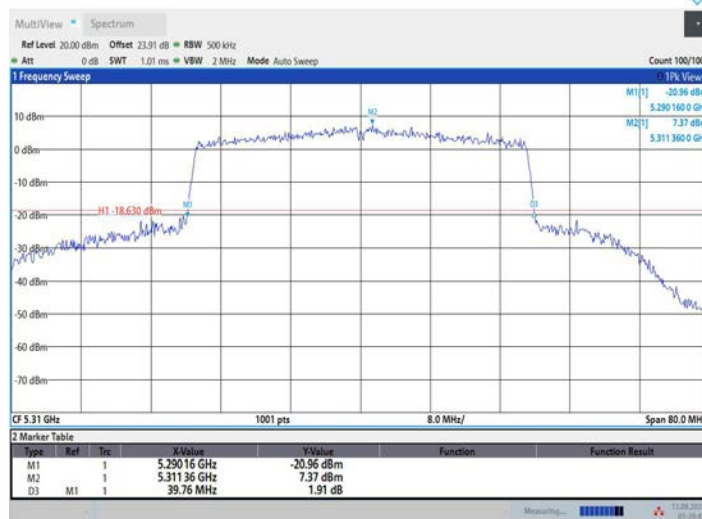


01:35:37 13.08.2024

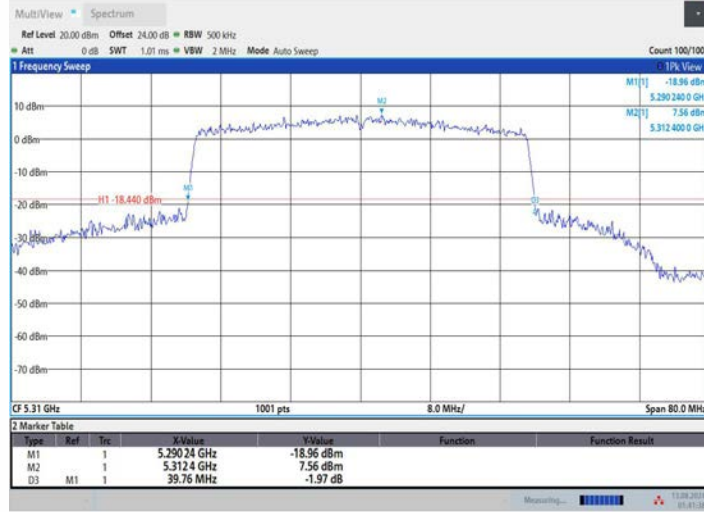
11BE40MIMO_Ant1_5310



11BE40MIMO_Ant2_5310



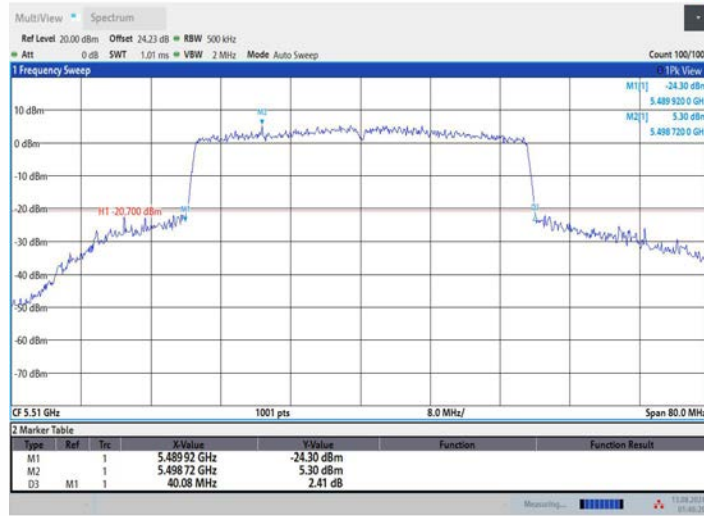
11BE40MIMO_Ant3_5310



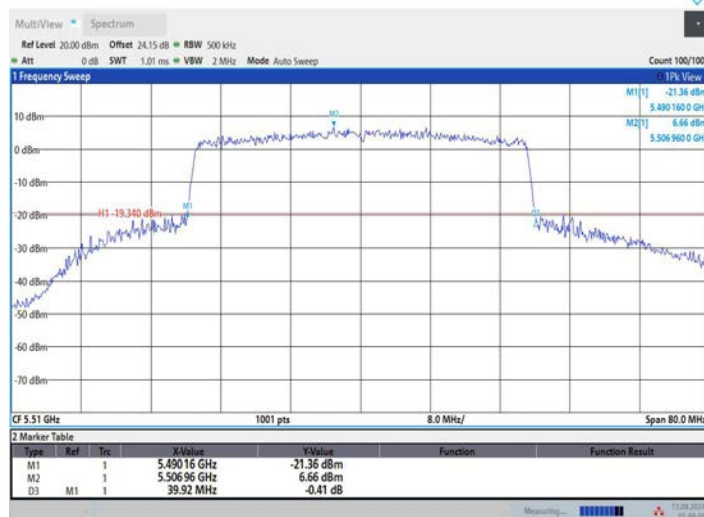
11BE40MIMO_Ant1_5510



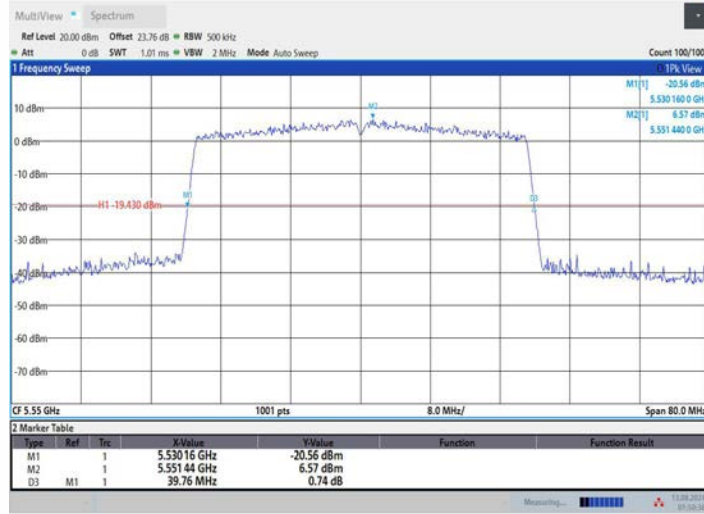
11BE40MIMO_Ant2_5510



11BE40MIMO_Ant3_5510

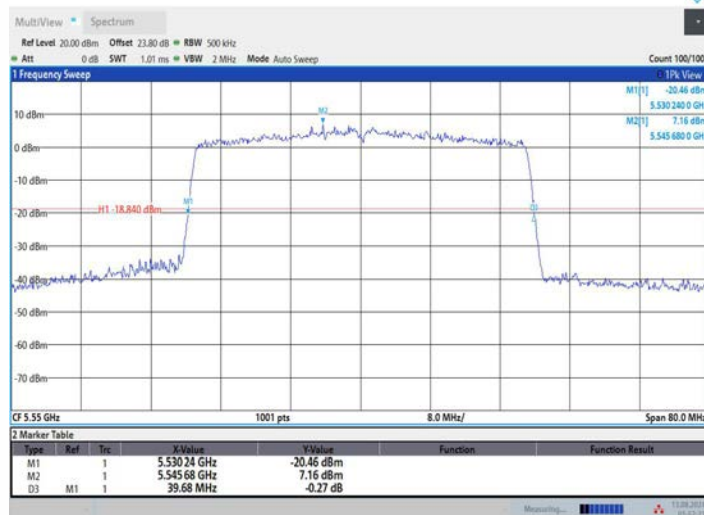


11BE40MIMO_Ant1_5550



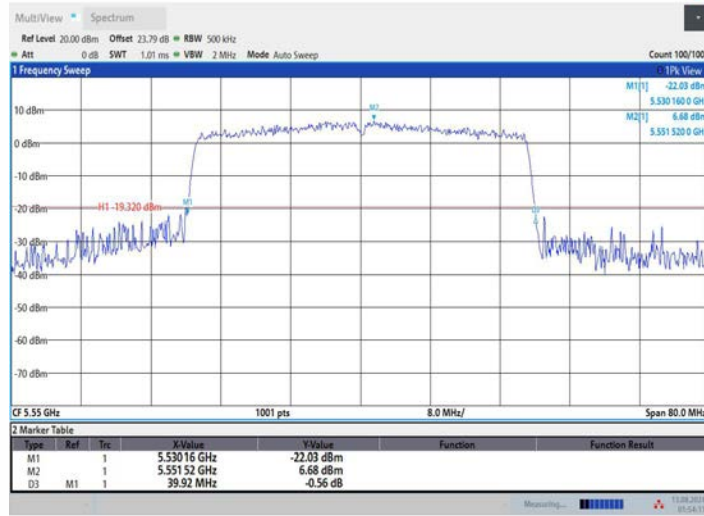
01:50:36 13.08.2024

11BE40MIMO_Ant2_5550

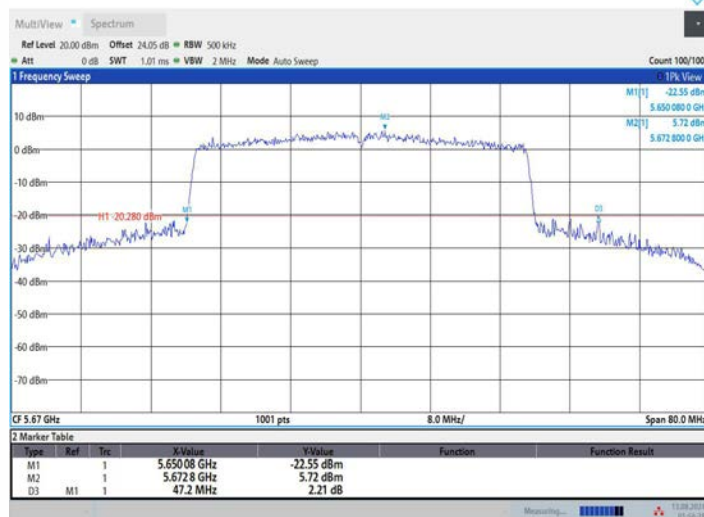


01:52:21 13.08.2024

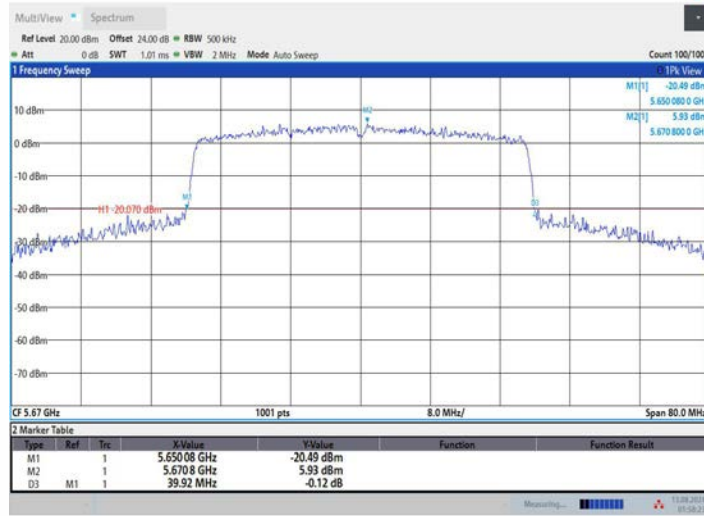
11BE40MIMO_Ant3_5550



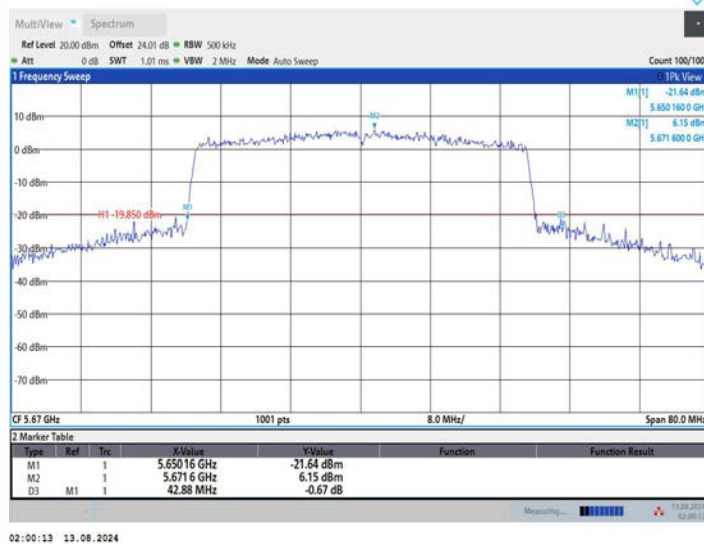
11BE40MIMO_Ant1_5670



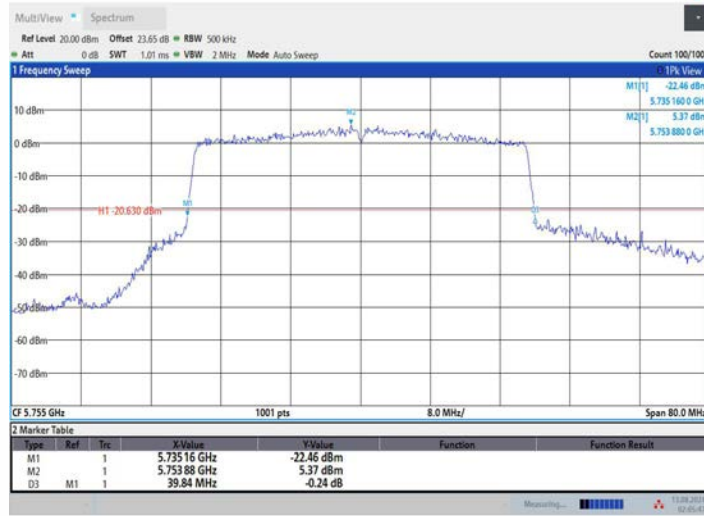
11BE40MIMO_Ant2_5670



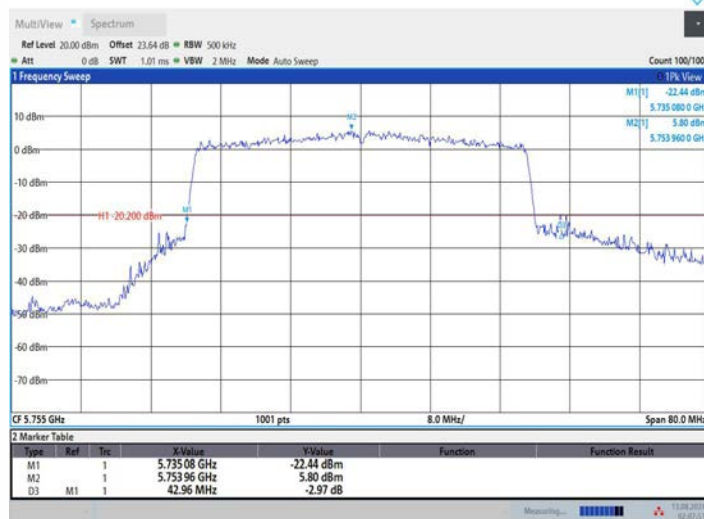
11BE40MIMO_Ant3_5670



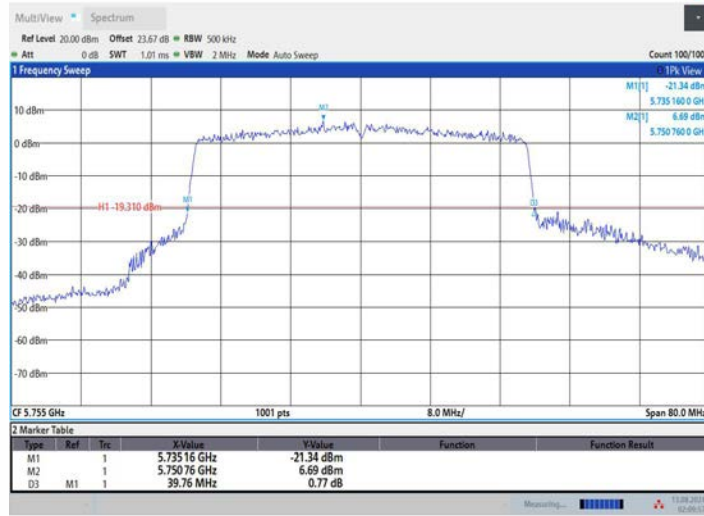
11BE40MIMO_Ant1_5755



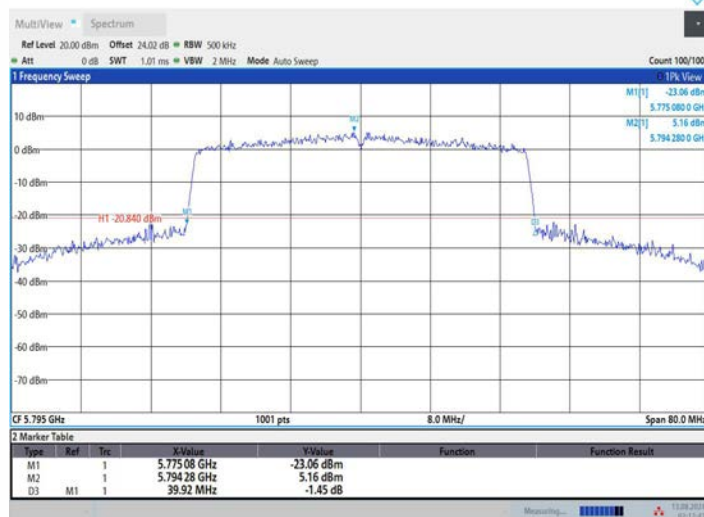
11BE40MIMO_Ant2_5755



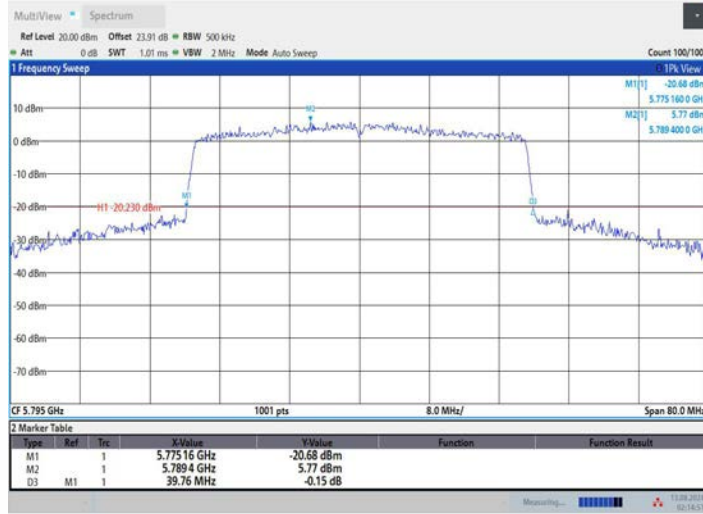
11BE40MIMO_Ant3_5755



11BE40MIMO_Ant1_5795

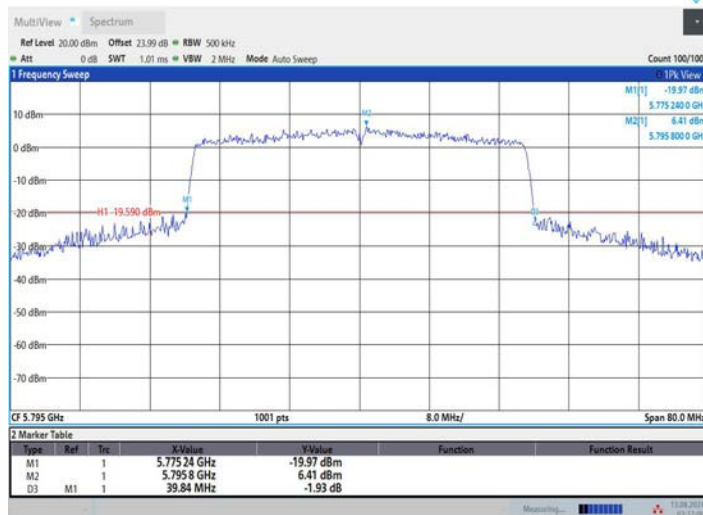


11BE40MIMO_Ant2_5795



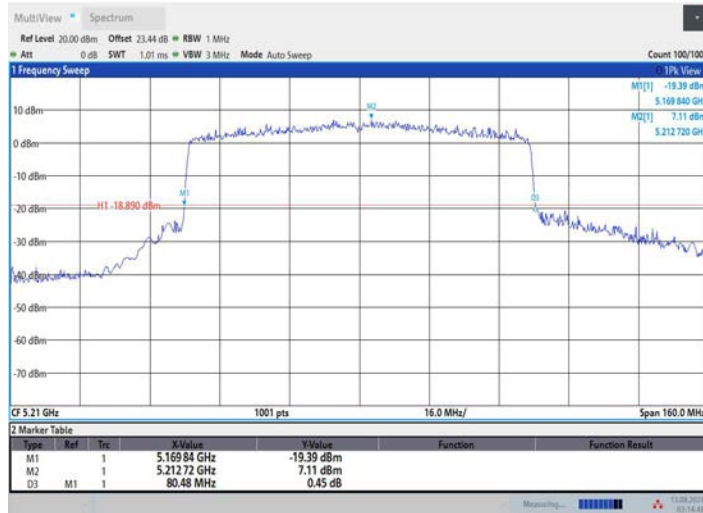
02:14:52 13.08.2024

11BE40MIMO_Ant3_5795



02:17:00 13.08.2024

11BE80MIMO_Ant1_5210



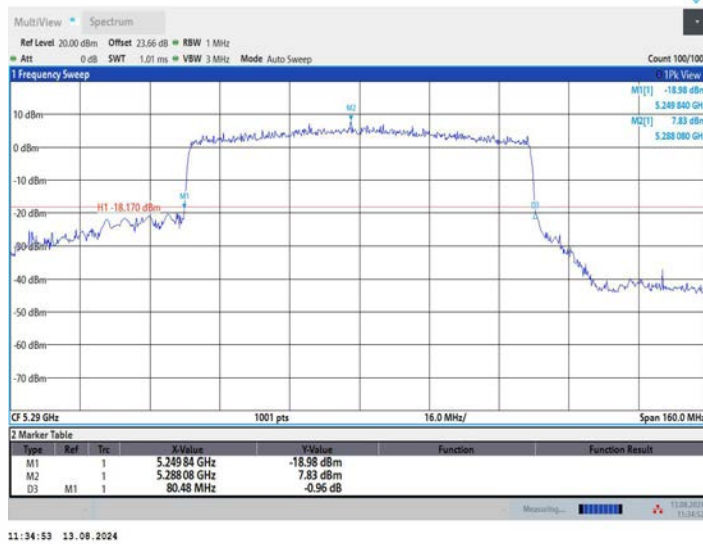
11BE80MIMO_Ant2_5210



11BE80MIMO_Ant3_5210



11BE80MIMO_Ant1_5290



11BE80MIMO_Ant2_5290



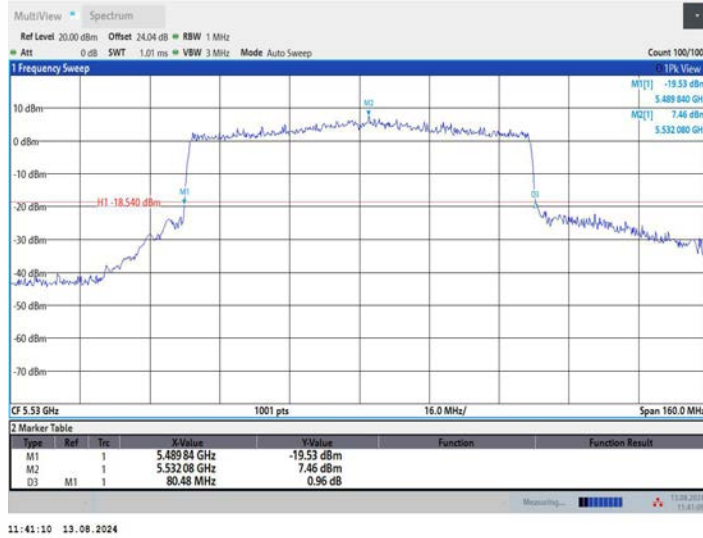
11:36:41 13.08.2024

11BE80MIMO_Ant3_5290



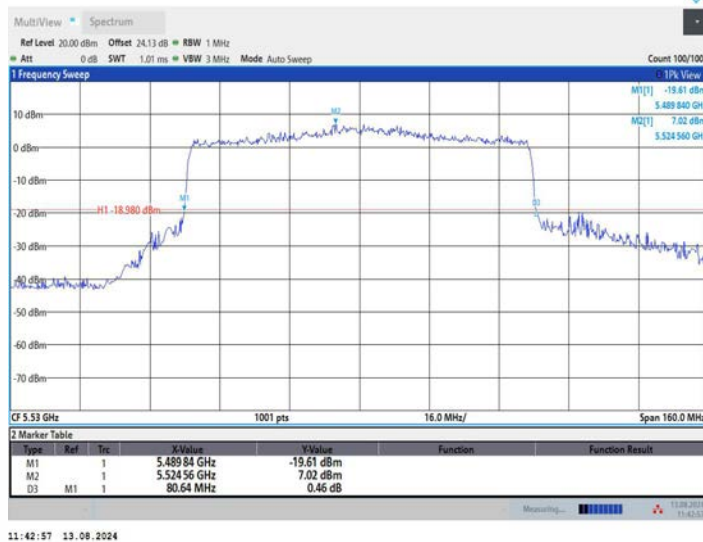
11:38:32 13.08.2024

11BE80MIMO_Ant1_5530



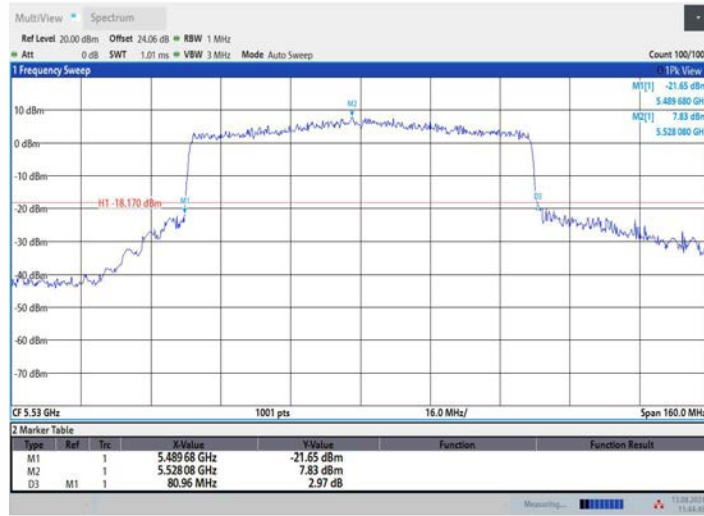
11:41:10 13.08.2024

11BE80MIMO_Ant2_5530



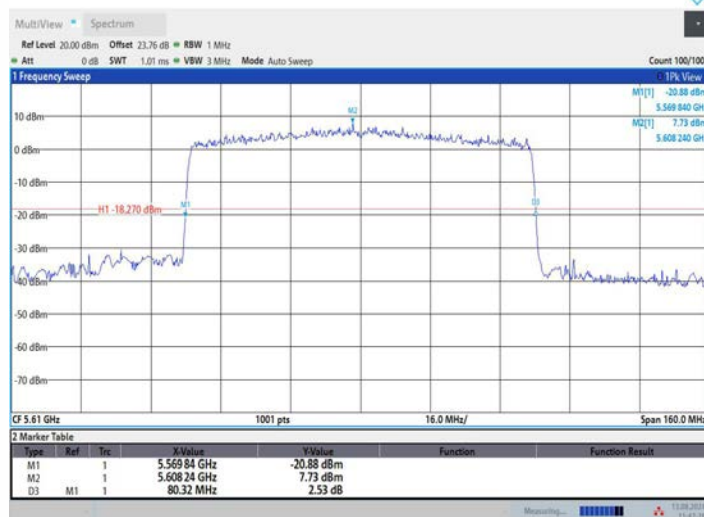
11:42:57 13.08.2024

11BE80MIMO_Ant3_5530



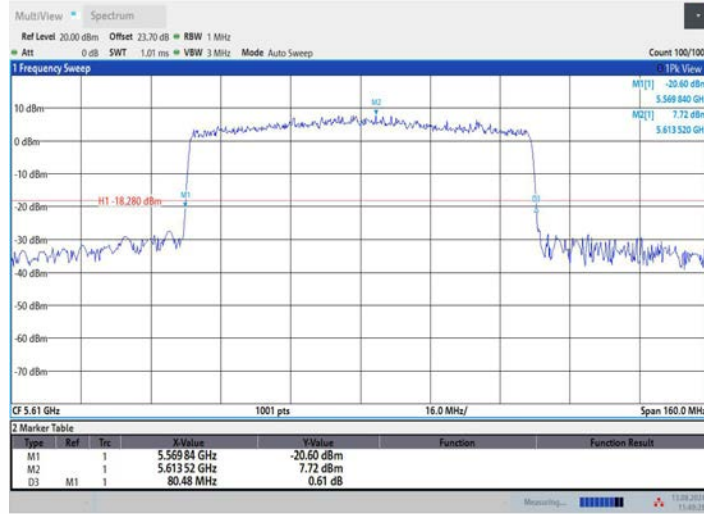
11:44:50 13.08.2024

11BE80MIMO_Ant1_5610



11:47:28 13.08.2024

11BE80MIMO_Ant2_5610



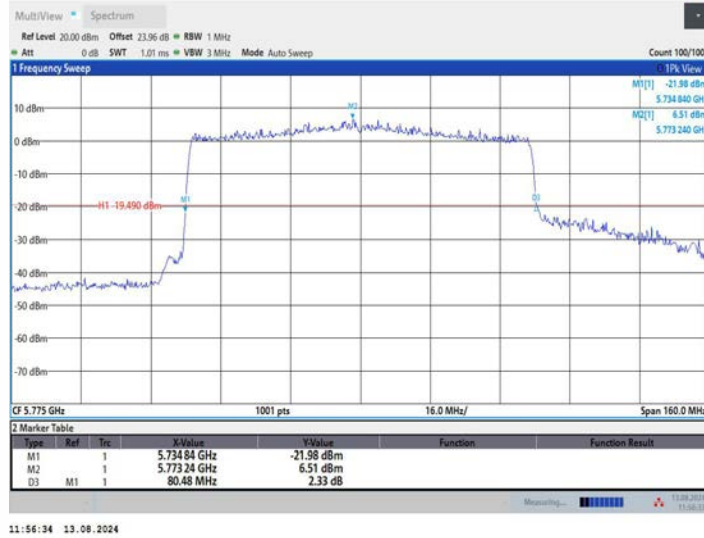
11:49:29 13.08.2024

11BE80MIMO_Ant3_5610



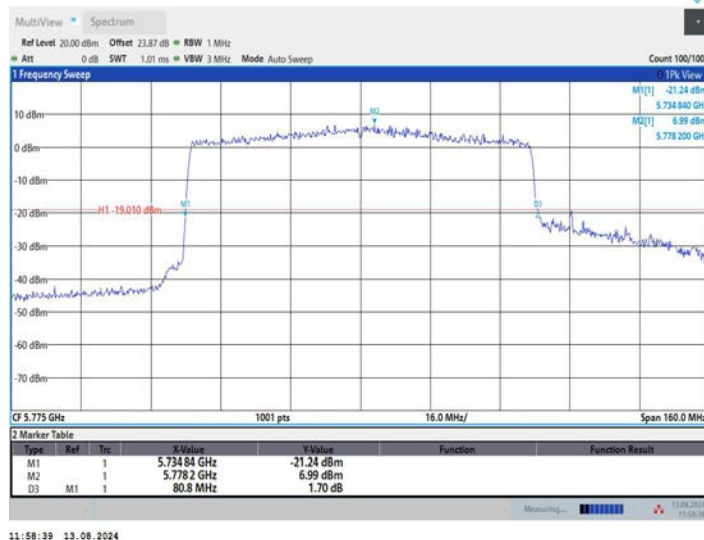
11:51:35 13.08.2024

11BE80MIMO_Ant1_5775



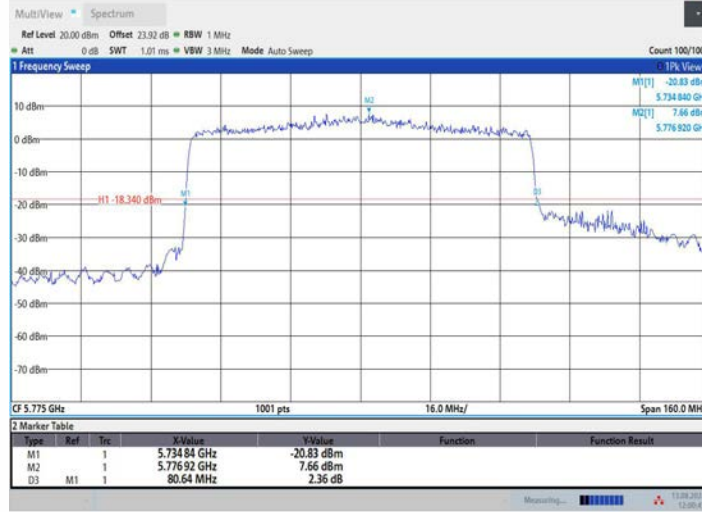
11:56:34 13.08.2024

11BE80MIMO_Ant2_5775

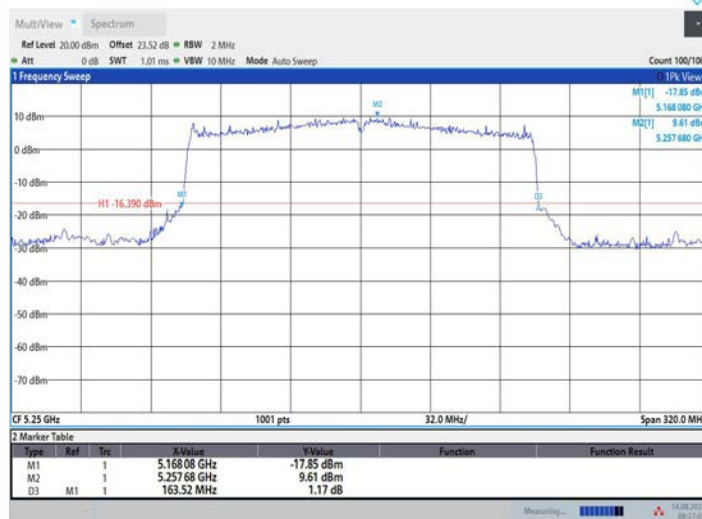


11:58:39 13.08.2024

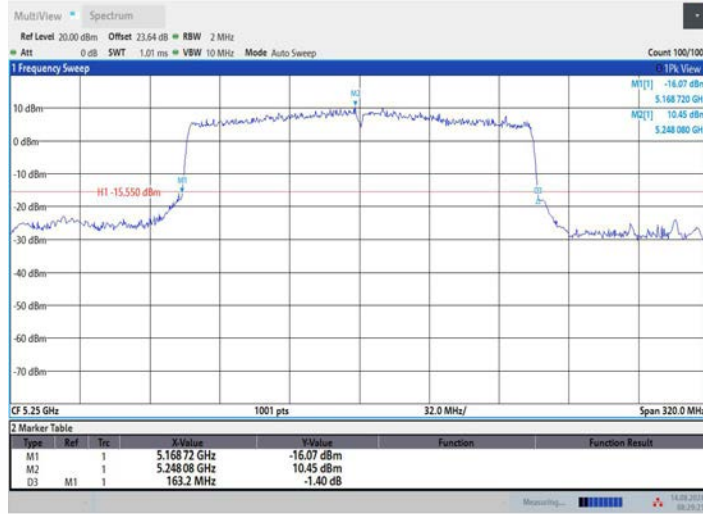
11BE80MIMO_Ant3_5775



11BE160MIMO_Ant1_5250



11BE160MIMO_Ant2_5250



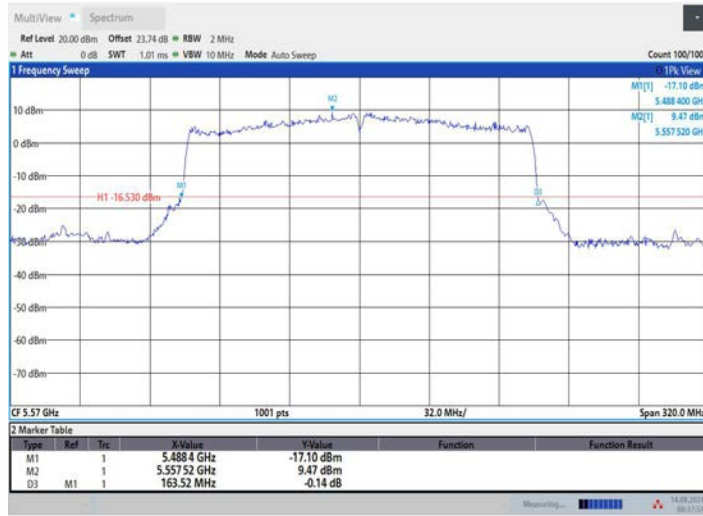
08:29:22 14.08.2024

11BE160MIMO_Ant3_5250



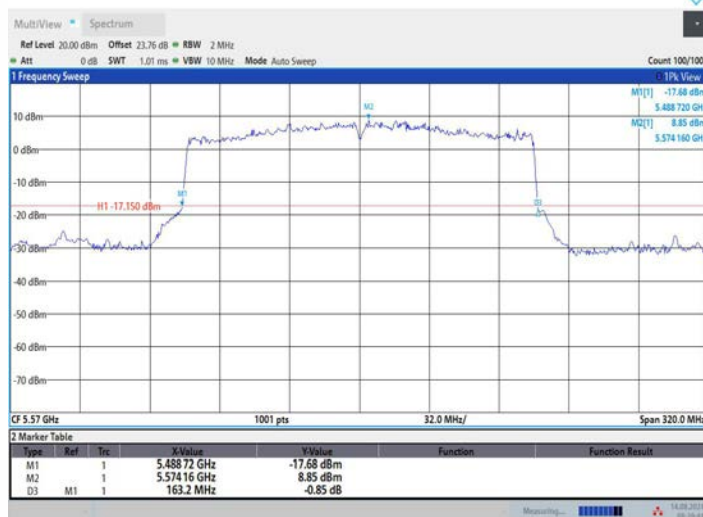
08:31:47 14.08.2024

11BE160MIMO_Ant1_5570



08:37:55 14.08.2024

11BE160MIMO_Ant2_5570



08:39:44 14.08.2024

11BE160MIMO_Ant3_5570



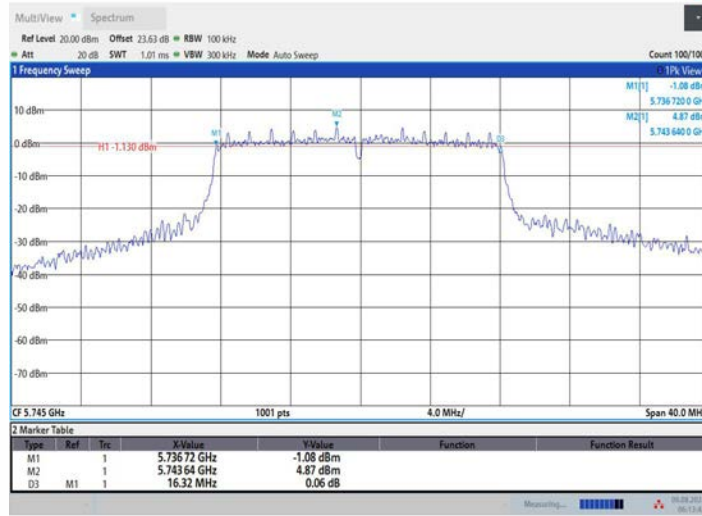
Min emission bandwidth (6dB)

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.36	5736.72	5753.08	0.5	PASS
	Ant2	5745	16.32	5736.76	5753.08	0.5	PASS
	Ant3	5745	16.32	5736.72	5753.04	0.5	PASS
	Ant1	5785	16.32	5776.72	5793.04	0.5	PASS
	Ant2	5785	16.32	5776.76	5793.08	0.5	PASS
	Ant3	5785	16.04	5776.76	5792.80	0.5	PASS
	Ant1	5825	16.28	5816.76	5833.04	0.5	PASS
	Ant2	5825	16.32	5816.72	5833.04	0.5	PASS
	Ant3	5825	16.32	5816.76	5833.08	0.5	PASS
11N20MIMO	Ant1	5745	16.56	5736.60	5753.16	0.5	PASS
	Ant2	5745	17.56	5736.24	5753.80	0.5	PASS
	Ant3	5745	17.56	5736.24	5753.80	0.5	PASS
	Ant1	5785	16.84	5776.60	5793.44	0.5	PASS
	Ant2	5785	17.52	5776.28	5793.80	0.5	PASS
	Ant3	5785	17.56	5776.28	5793.84	0.5	PASS
	Ant1	5825	16.84	5816.60	5833.44	0.5	PASS
	Ant2	5825	17.56	5816.28	5833.84	0.5	PASS
	Ant3	5825	17.56	5816.28	5833.84	0.5	PASS
11N40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant3	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.04	5777.48	5812.52	0.5	PASS
	Ant3	5795	35.04	5777.48	5812.52	0.5	PASS
11AC20MIMO	Ant1	5745	17.28	5736.28	5753.56	0.5	PASS
	Ant2	5745	17.32	5736.28	5753.60	0.5	PASS
	Ant3	5745	17.56	5736.28	5753.84	0.5	PASS
	Ant1	5785	17.32	5776.28	5793.60	0.5	PASS
	Ant2	5785	17.20	5776.28	5793.48	0.5	PASS
	Ant3	5785	17.56	5776.28	5793.84	0.5	PASS
	Ant1	5825	17.16	5816.64	5833.80	0.5	PASS
	Ant2	5825	17.56	5816.28	5833.84	0.5	PASS
	Ant3	5825	17.56	5816.28	5833.84	0.5	PASS
11AC40MIMO	Ant1	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant3	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
	Ant3	5795	35.12	5777.48	5812.60	0.5	PASS
11AC80MIMO	Ant1	5610	75.20	5572.40	5647.60	0.5	PASS
	Ant2	5610	75.04	5572.56	5647.60	0.5	PASS
	Ant3	5610	75.20	5572.40	5647.60	0.5	PASS
	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant3	5775	75.20	5737.40	5812.60	0.5	PASS
11AX20MIMO	Ant1	5745	18.84	5735.60	5754.44	0.5	PASS
	Ant2	5745	18.28	5735.88	5754.16	0.5	PASS
	Ant3	5745	18.72	5735.64	5754.36	0.5	PASS
	Ant1	5785	18.48	5775.76	5794.24	0.5	PASS
	Ant2	5785	18.44	5776.04	5794.48	0.5	PASS
	Ant3	5785	18.72	5775.64	5794.36	0.5	PASS
	Ant1	5825	18.44	5815.80	5834.24	0.5	PASS
	Ant2	5825	18.68	5815.68	5834.36	0.5	PASS
	Ant3	5825	18.36	5816.00	5834.36	0.5	PASS
11AX40MIMO	Ant1	5755	35.60	5737.40	5773.00	0.5	PASS
	Ant2	5755	35.52	5737.48	5773.00	0.5	PASS
	Ant3	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	36.16	5776.44	5812.60	0.5	PASS
	Ant2	5795	35.84	5776.76	5812.60	0.5	PASS
	Ant3	5795	35.12	5777.48	5812.60	0.5	PASS
11AX80MIMO	Ant1	5610	75.20	5572.40	5647.60	0.5	PASS
	Ant2	5610	75.20	5572.40	5647.60	0.5	PASS
	Ant3	5610	75.20	5572.40	5647.60	0.5	PASS
	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS

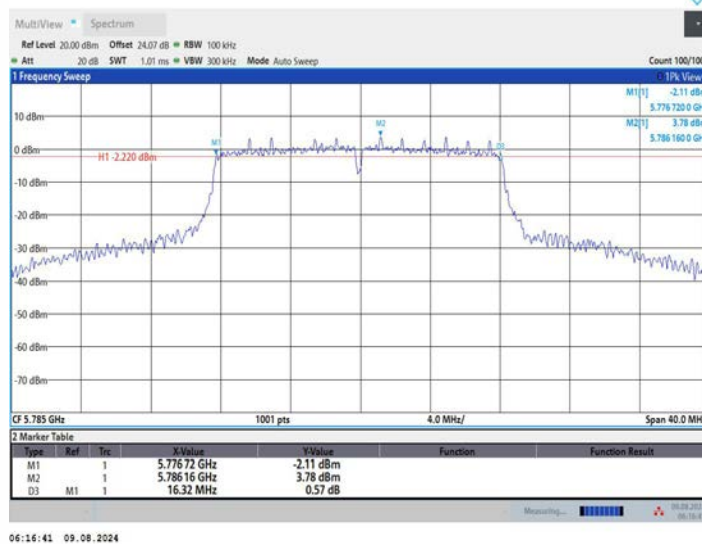
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant3	5775	76.16	5736.44	5812.60	0.5	PASS
11BE20MIMO	Ant1	5745	18.56	5735.64	5754.20	0.5	PASS
	Ant2	5745	18.56	5735.56	5754.12	0.5	PASS
	Ant3	5745	18.48	5735.76	5754.24	0.5	PASS
	Ant1	5785	18.40	5775.68	5794.08	0.5	PASS
	Ant2	5785	18.60	5775.68	5794.28	0.5	PASS
	Ant3	5785	18.32	5775.72	5794.04	0.5	PASS
	Ant1	5825	18.44	5815.80	5834.24	0.5	PASS
	Ant2	5825	18.48	5815.80	5834.28	0.5	PASS
	Ant3	5825	18.72	5815.56	5834.28	0.5	PASS
	Ant1	5755	35.20	5737.48	5772.68	0.5	PASS
11BE40MIMO	Ant2	5755	35.28	5737.56	5772.84	0.5	PASS
	Ant3	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	36.32	5776.28	5812.60	0.5	PASS
	Ant2	5795	35.12	5777.56	5812.68	0.5	PASS
	Ant3	5795	35.12	5777.56	5812.68	0.5	PASS
11BE80MIMO	Ant1	5610	75.20	5572.40	5647.60	0.5	PASS
	Ant2	5610	75.04	5572.56	5647.60	0.5	PASS
	Ant3	5610	75.04	5572.56	5647.60	0.5	PASS
	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.36	5737.24	5812.60	0.5	PASS
	Ant3	5775	75.04	5737.56	5812.60	0.5	PASS

Min emission bandwidth (6dB) Test Graphs

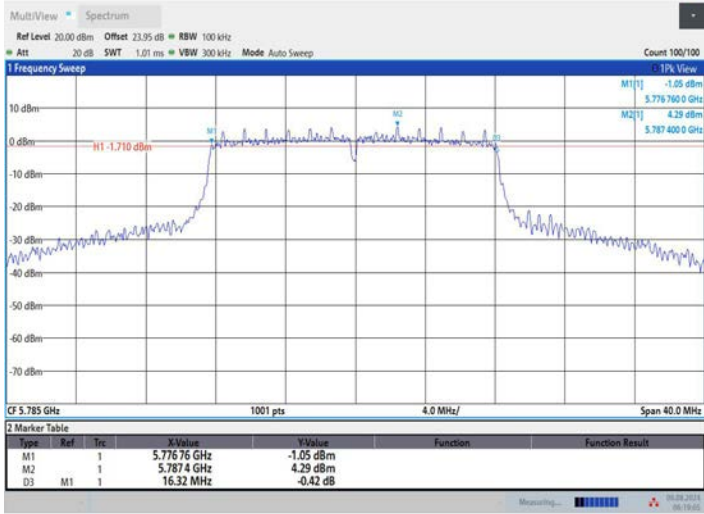




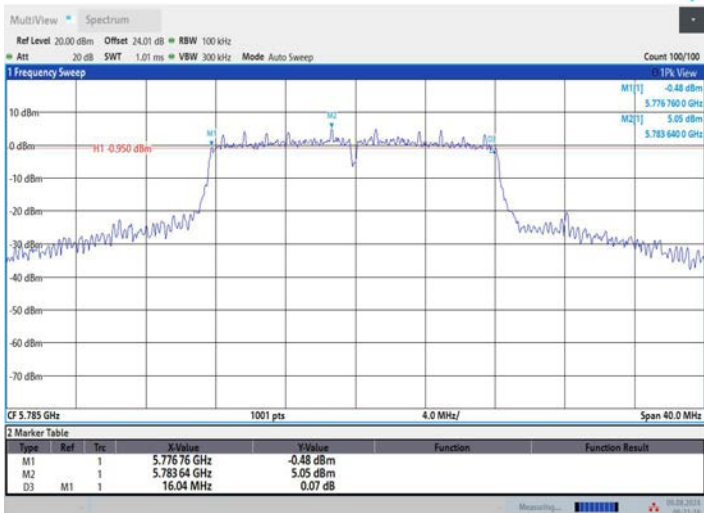
11A_Ant1_5785



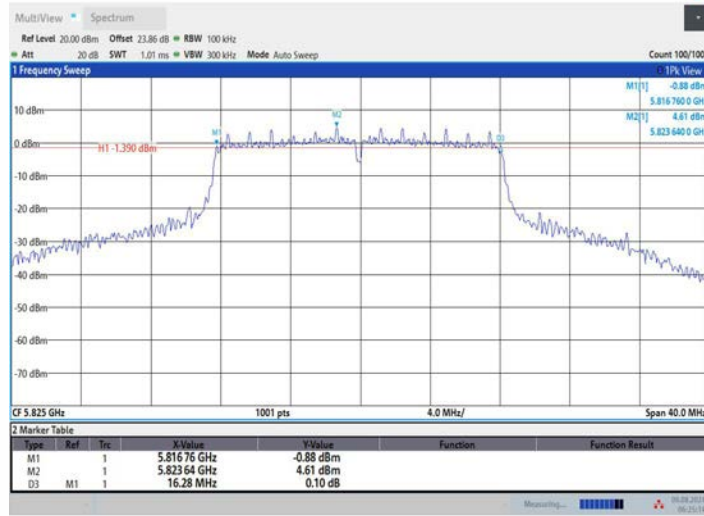
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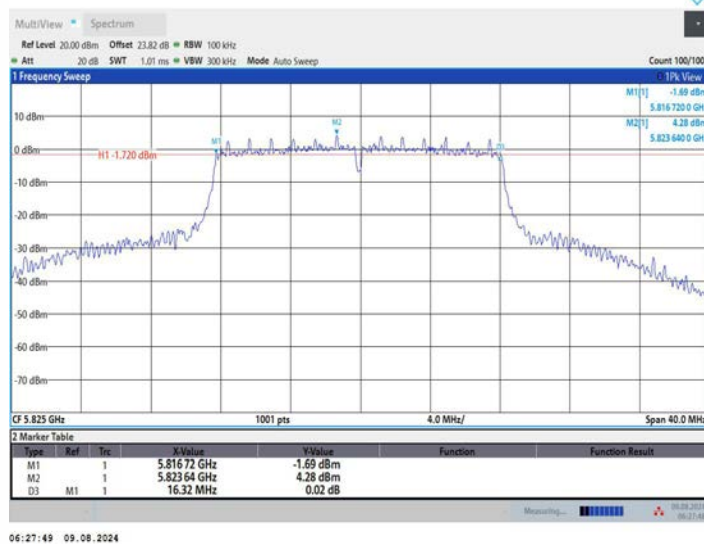
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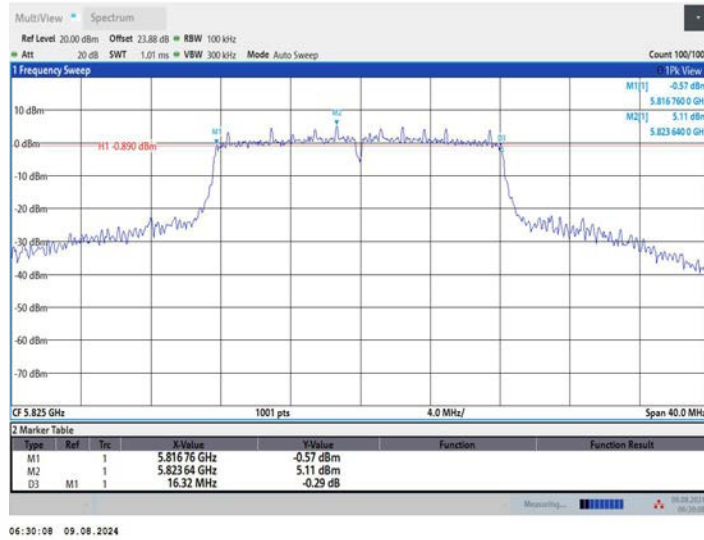
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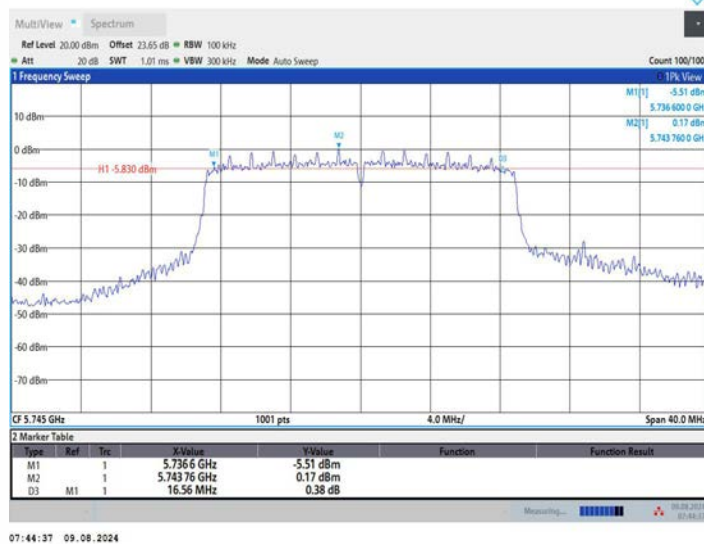
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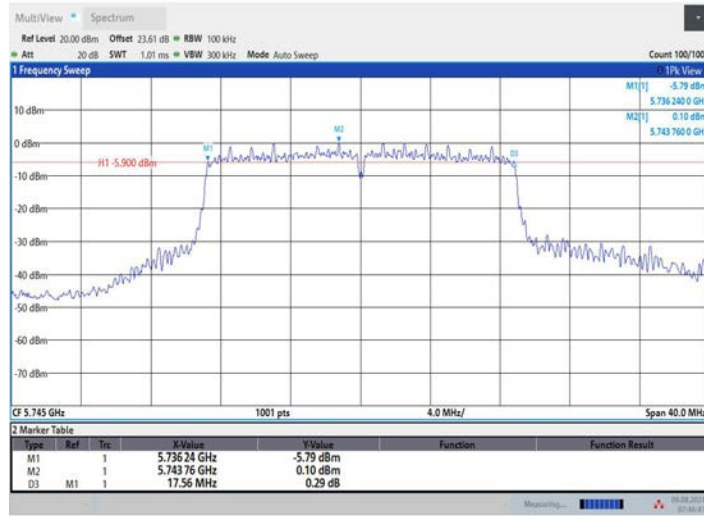
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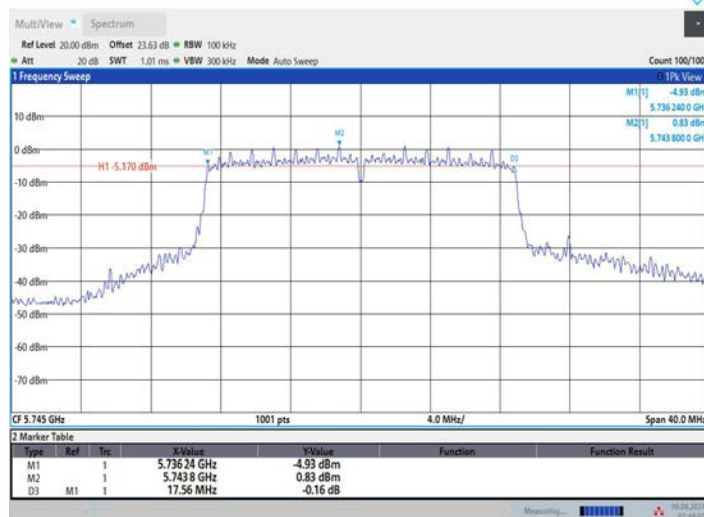


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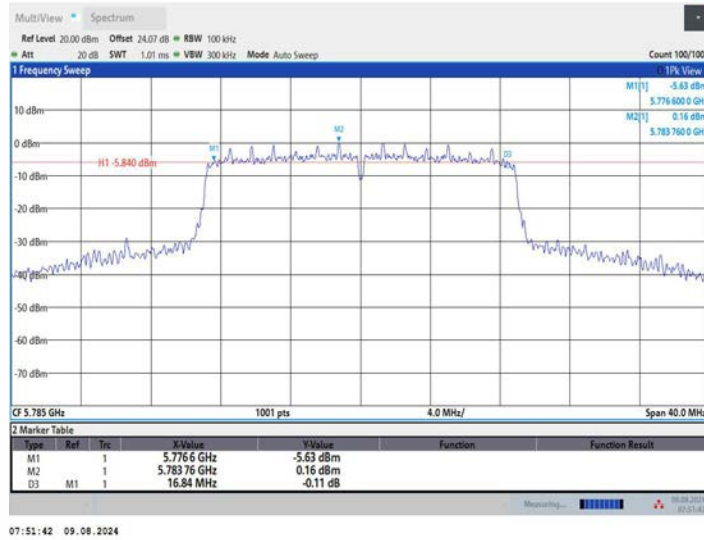
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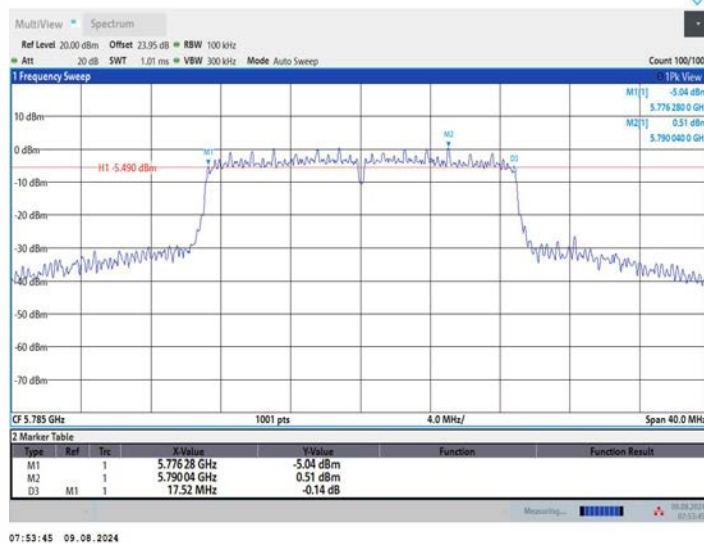


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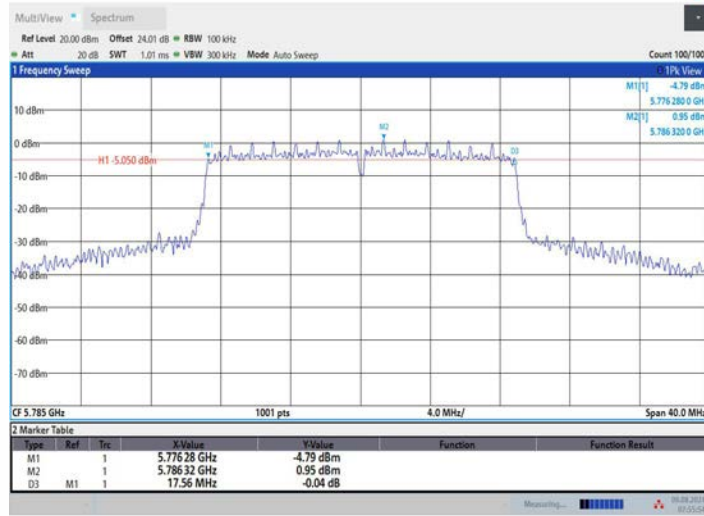
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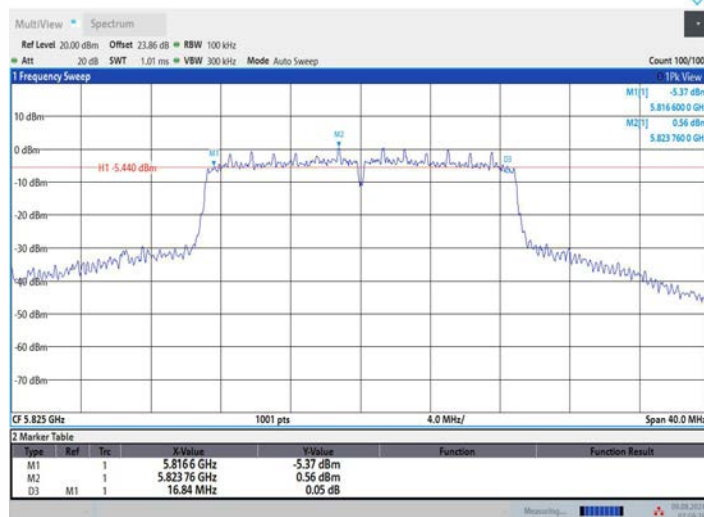


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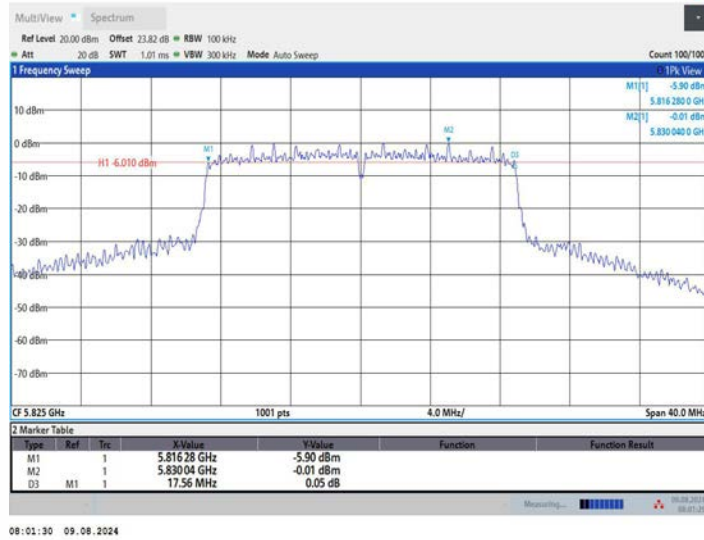
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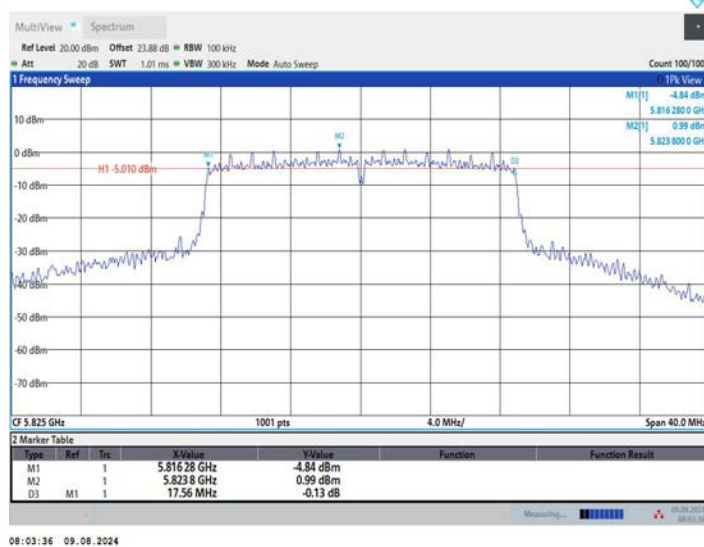


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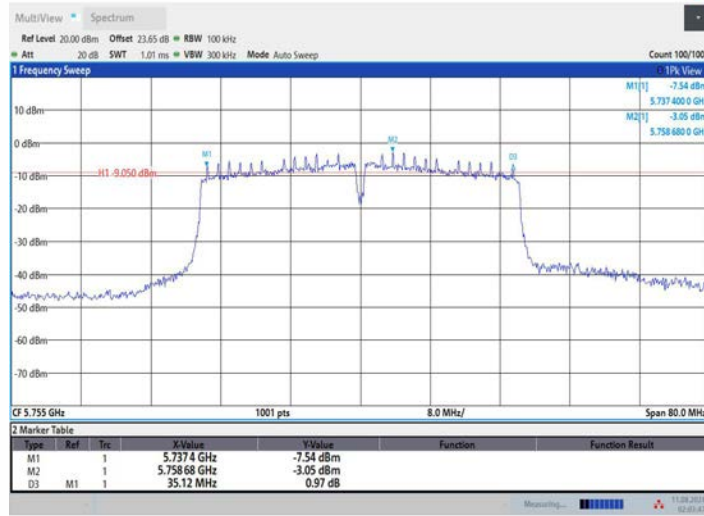
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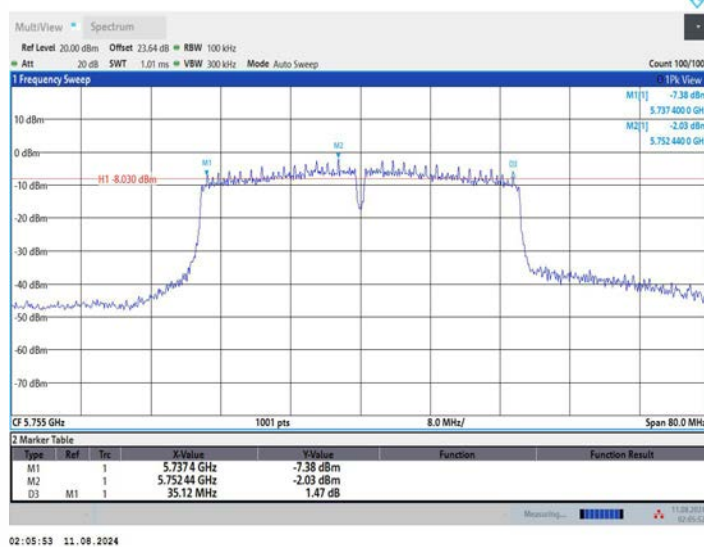
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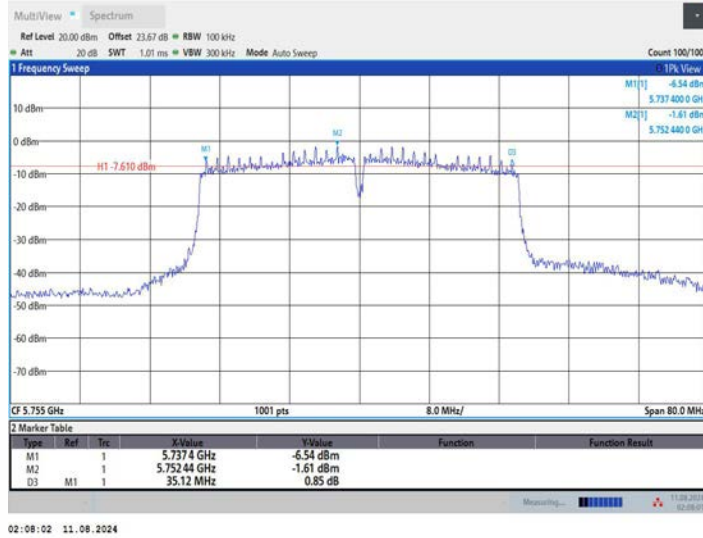
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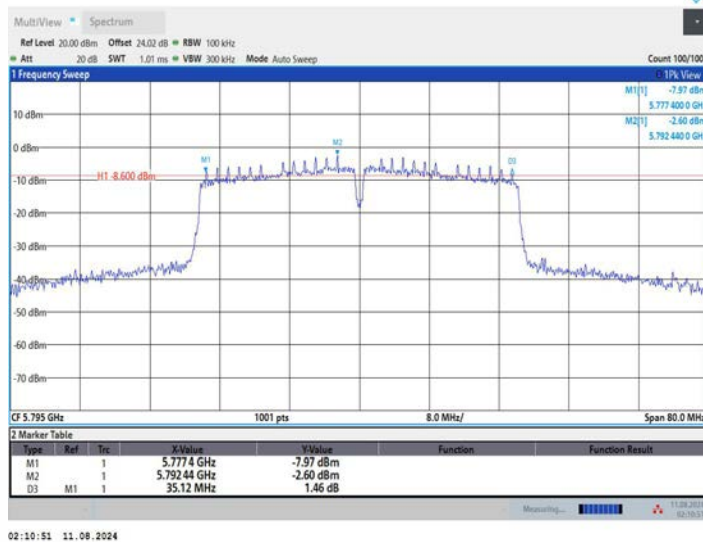
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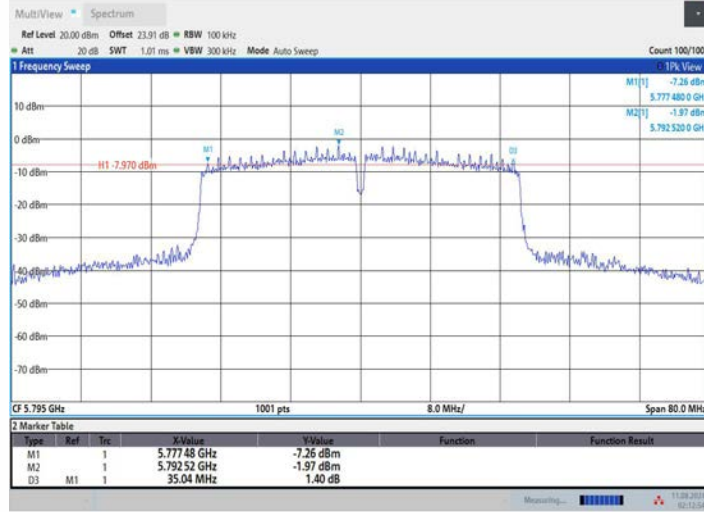
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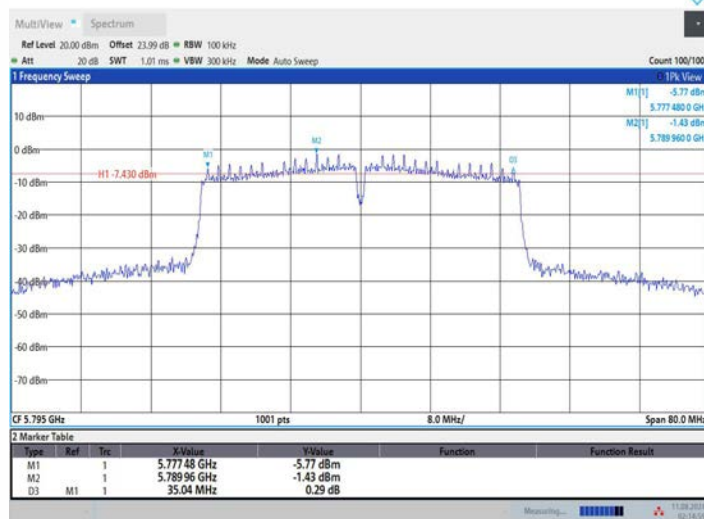
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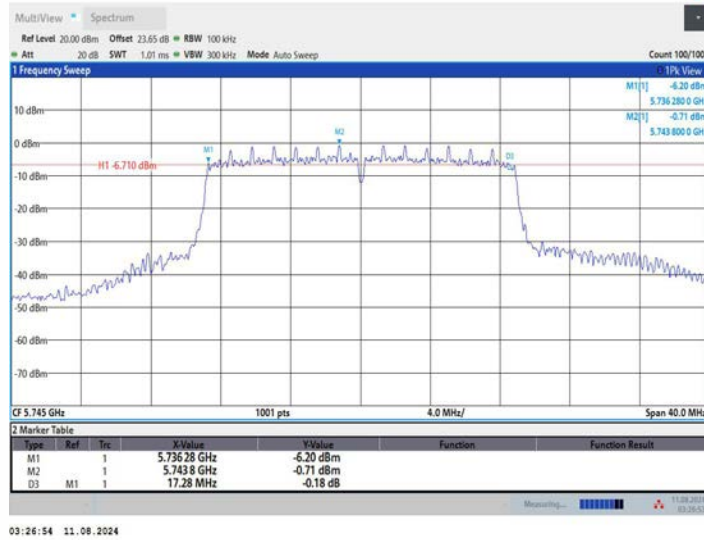
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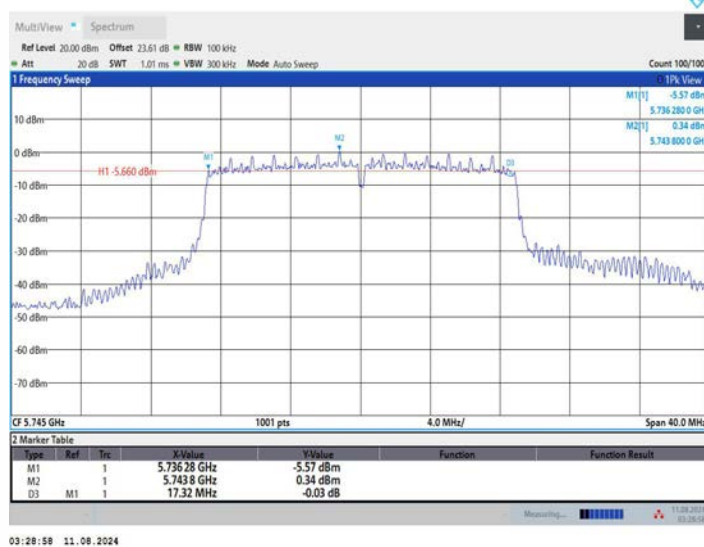
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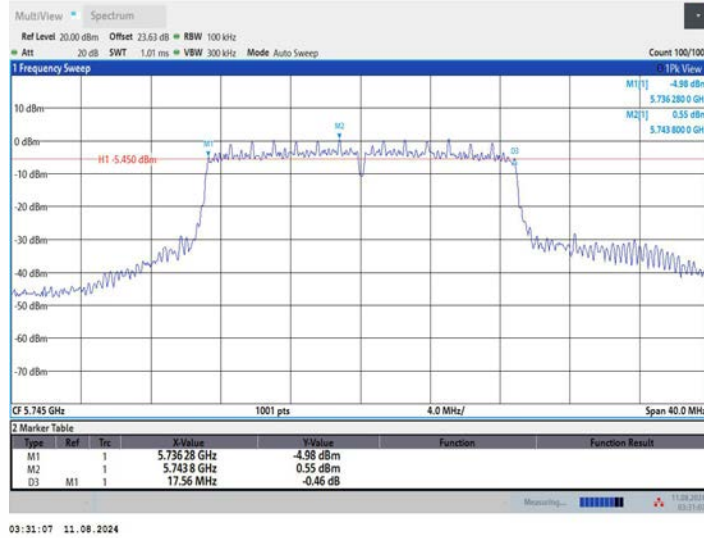
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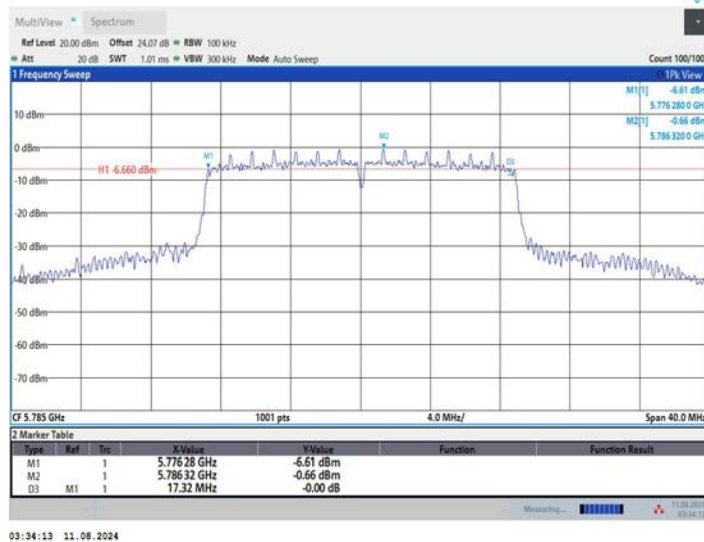
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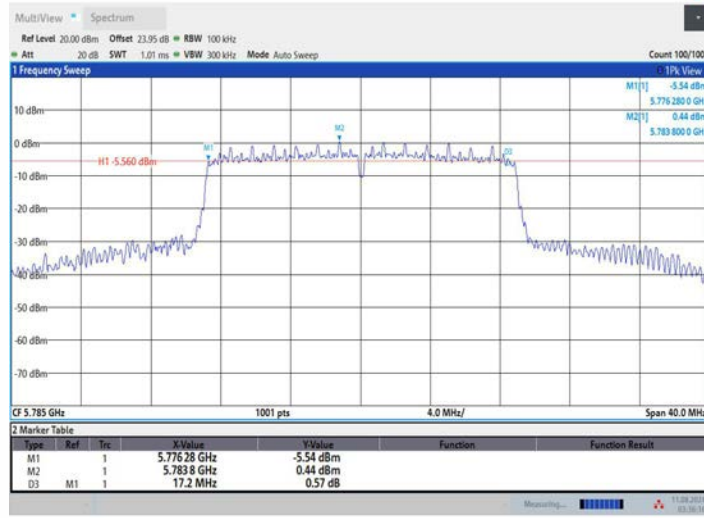
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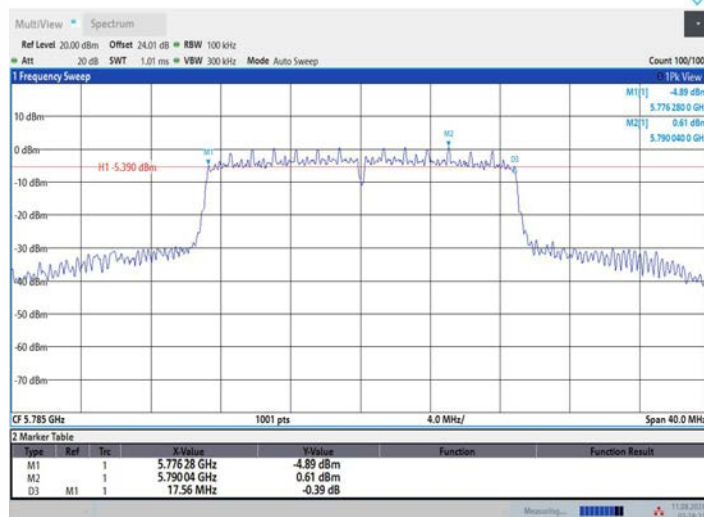


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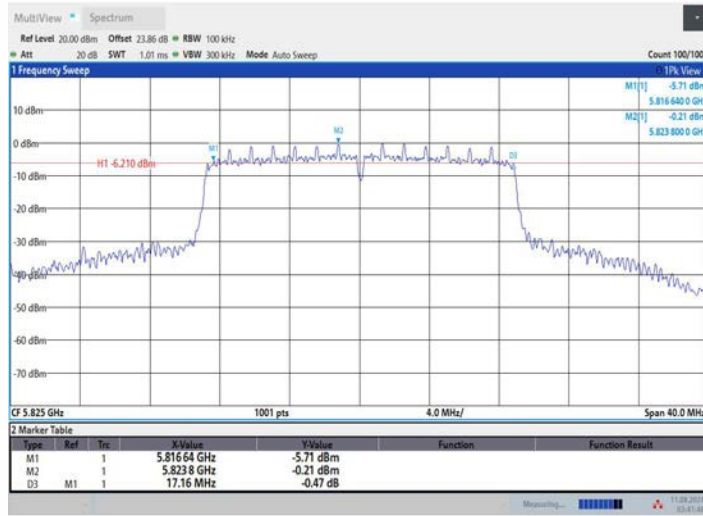
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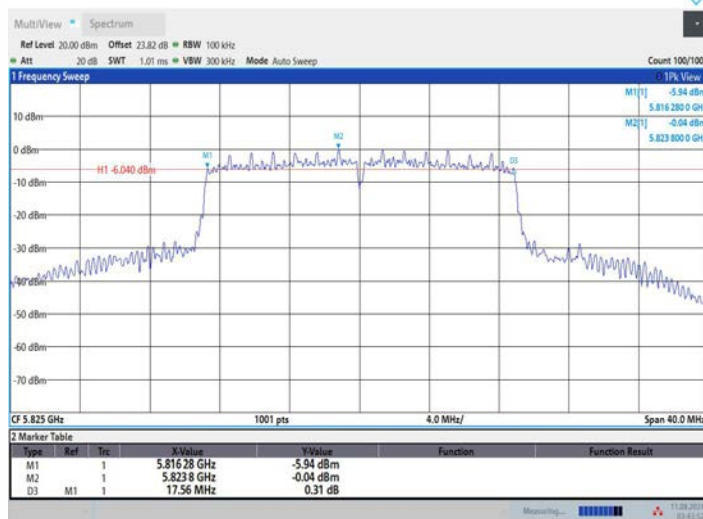


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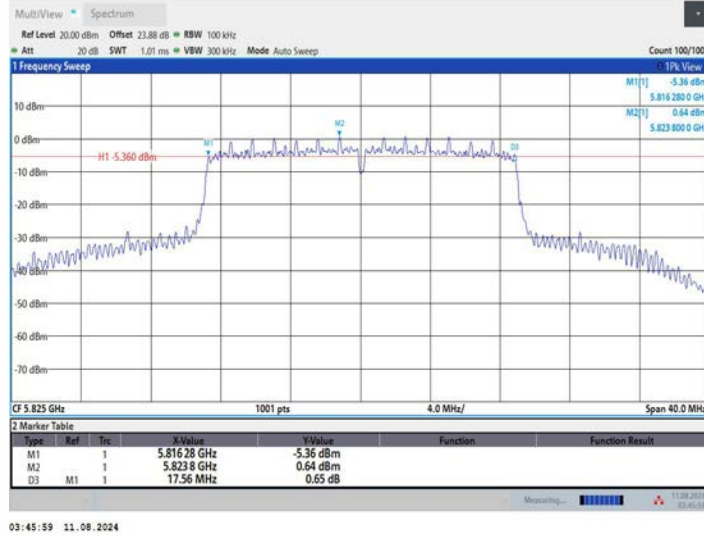
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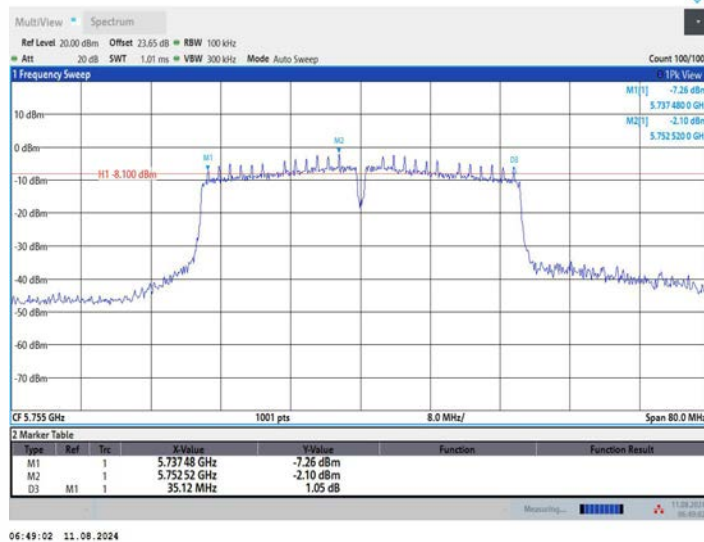
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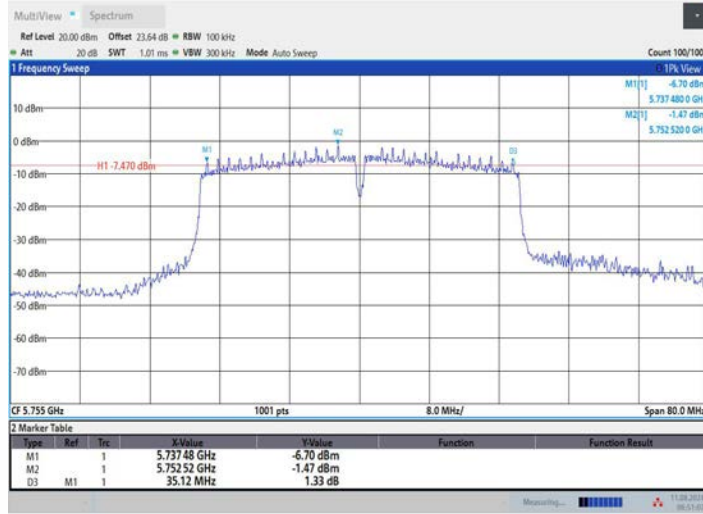
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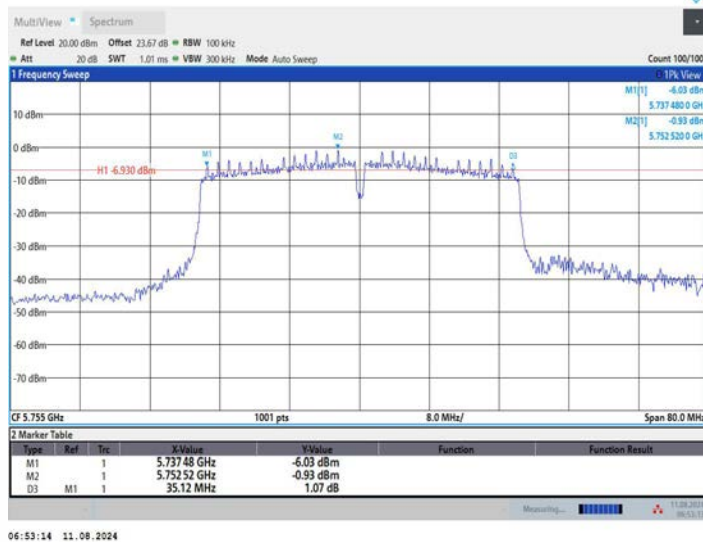
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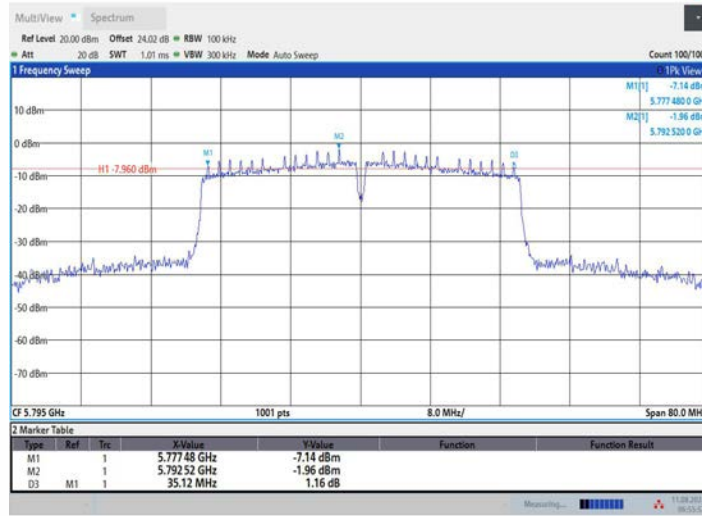
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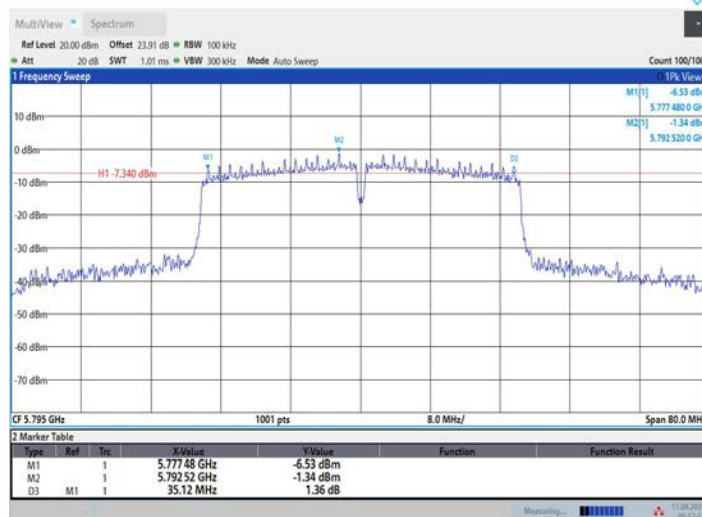


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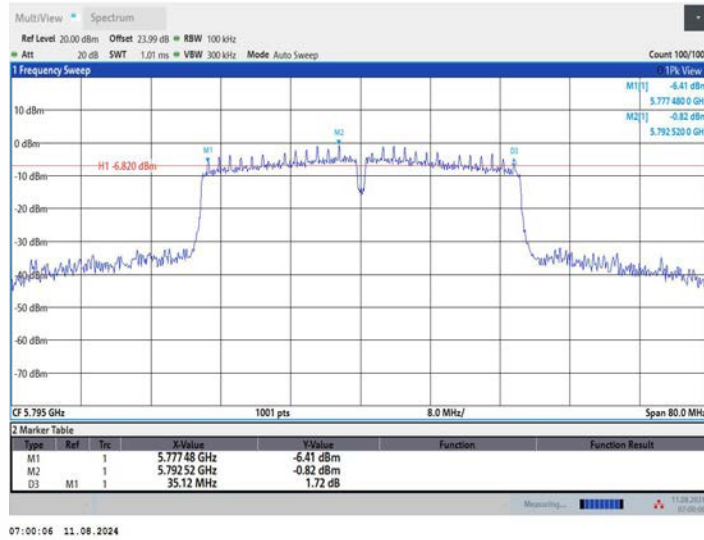
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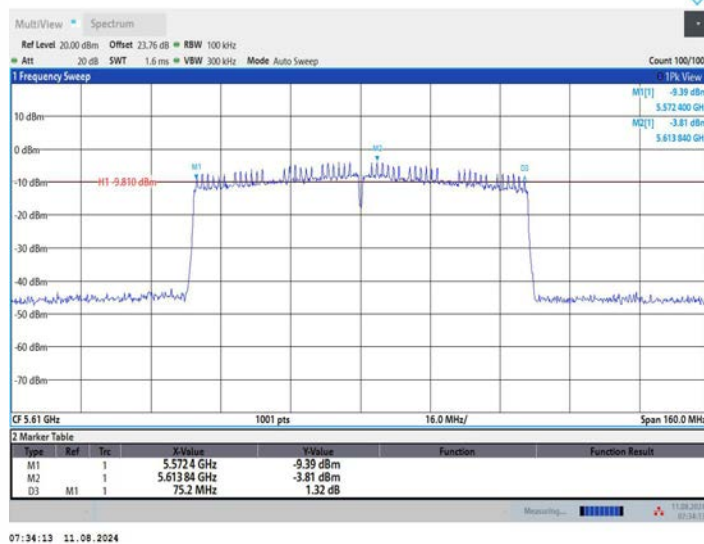


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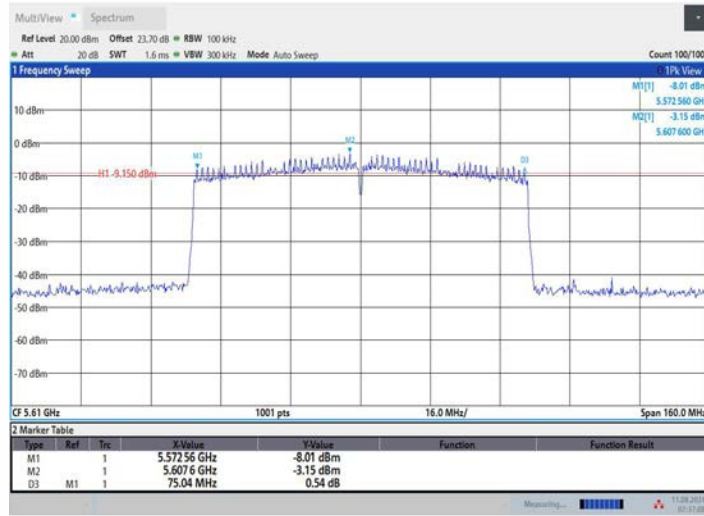
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11AC80MIMO_Ant1_5610

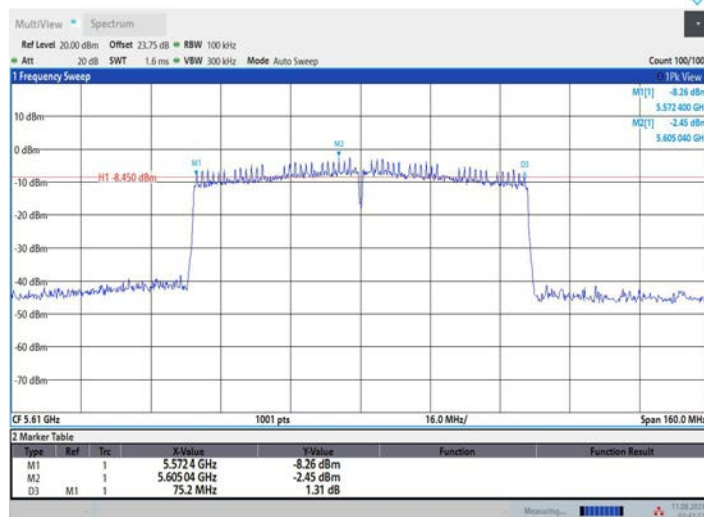


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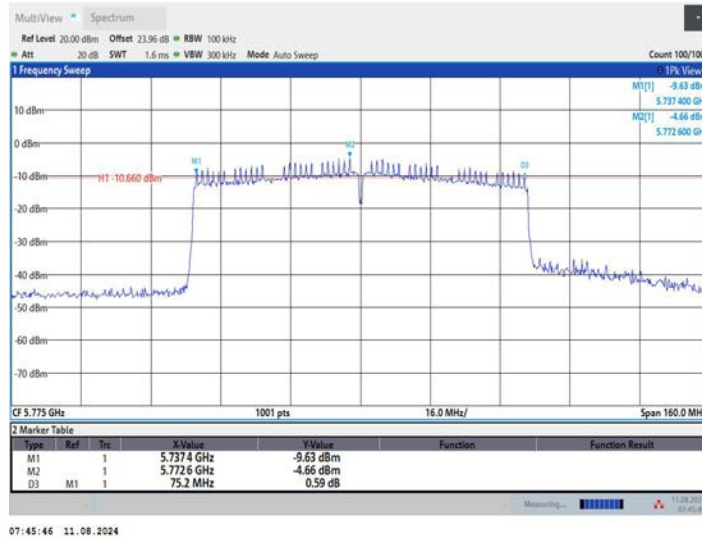
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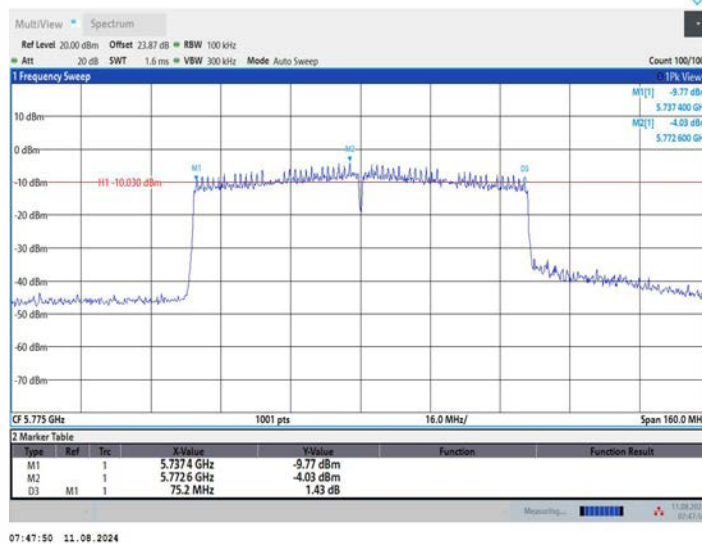


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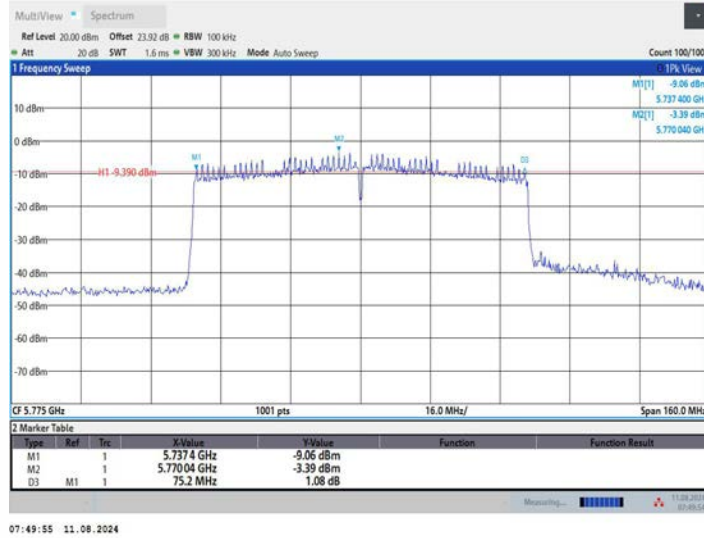
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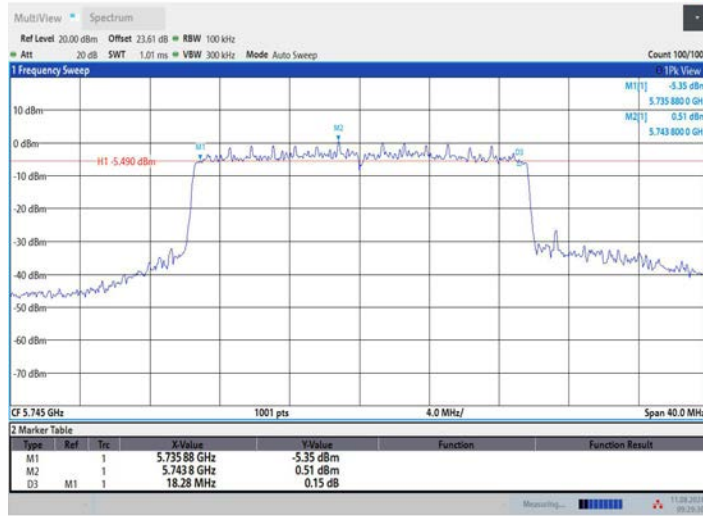
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11AX20MIMO_Ant2_5745



11AX20MIMO_Ant3_5745



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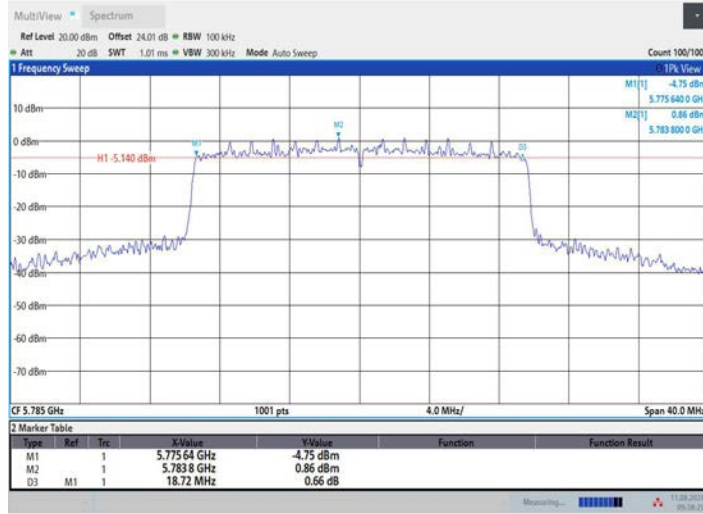
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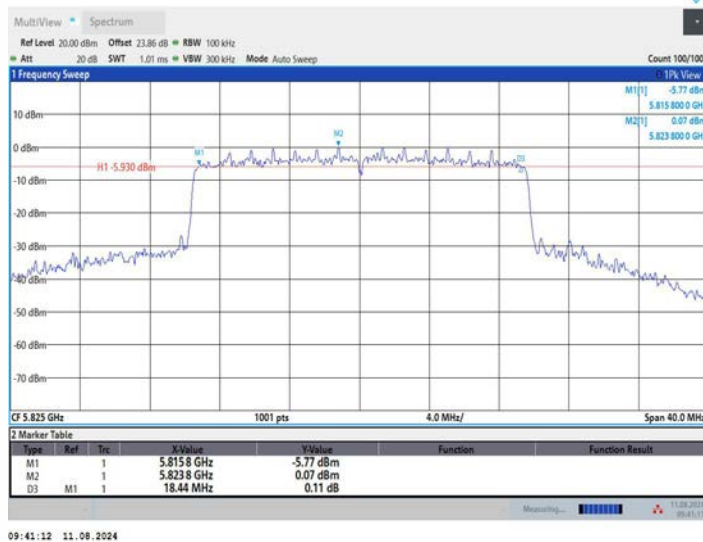


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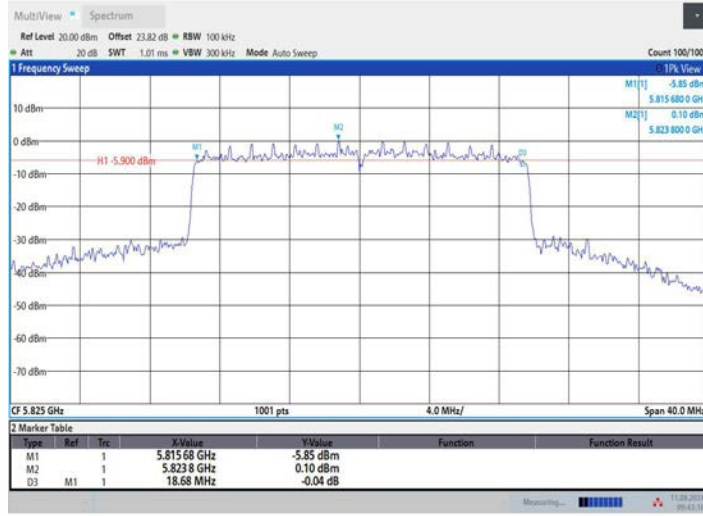
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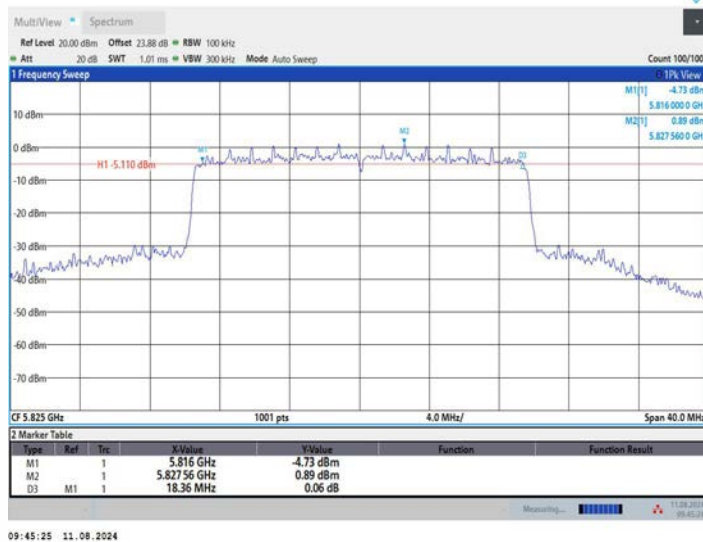
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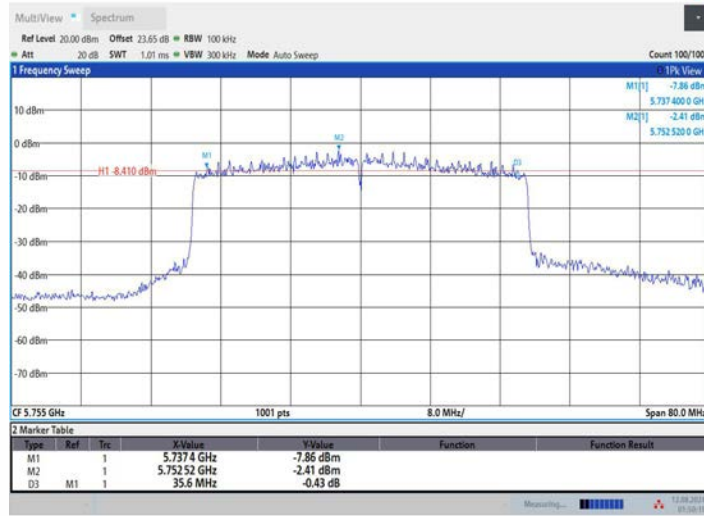
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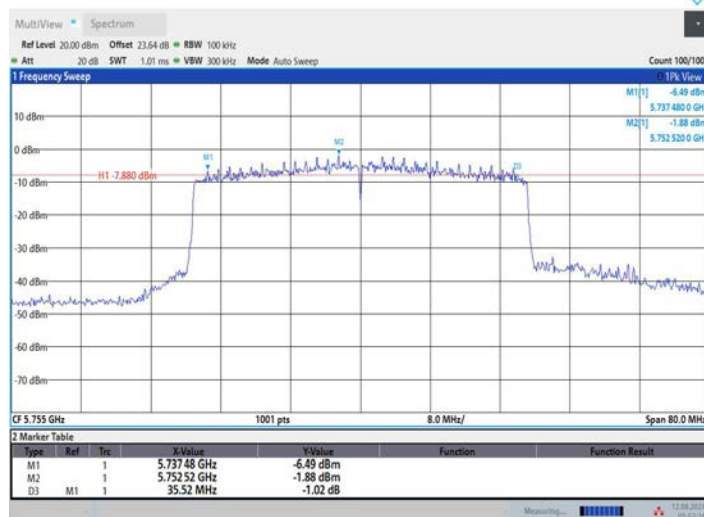


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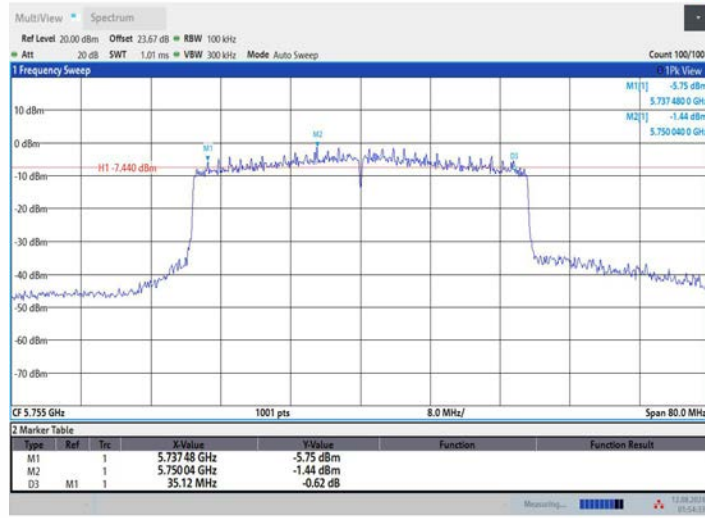
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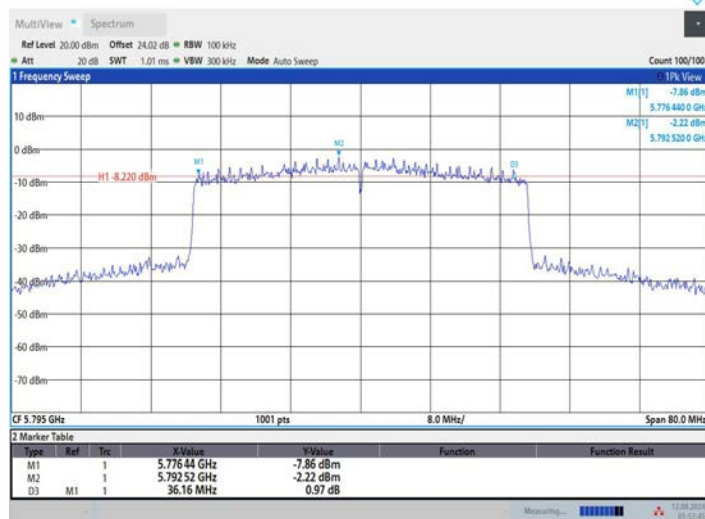
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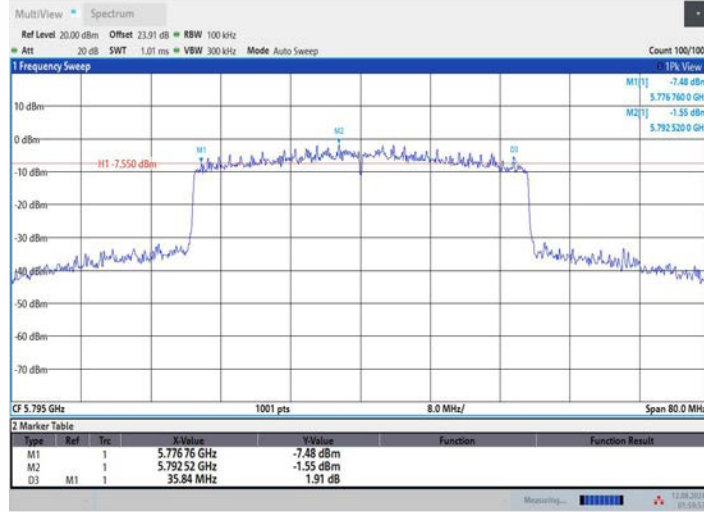
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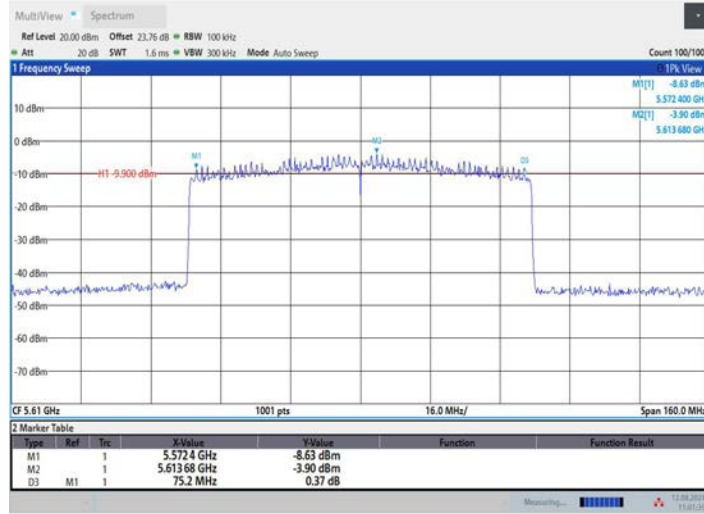
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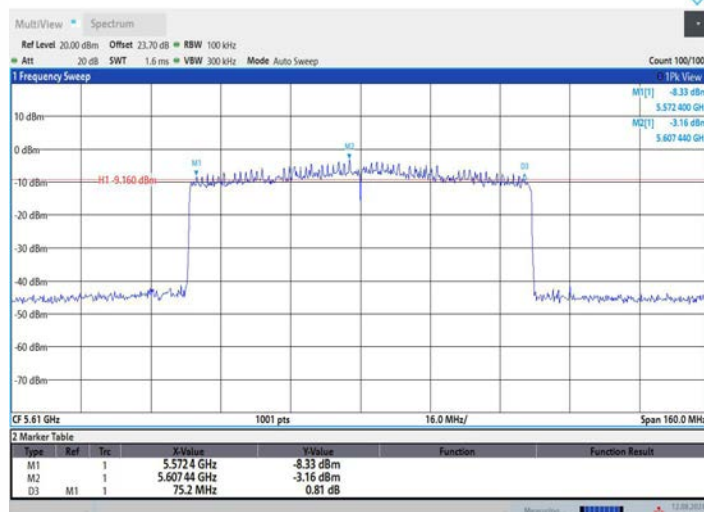
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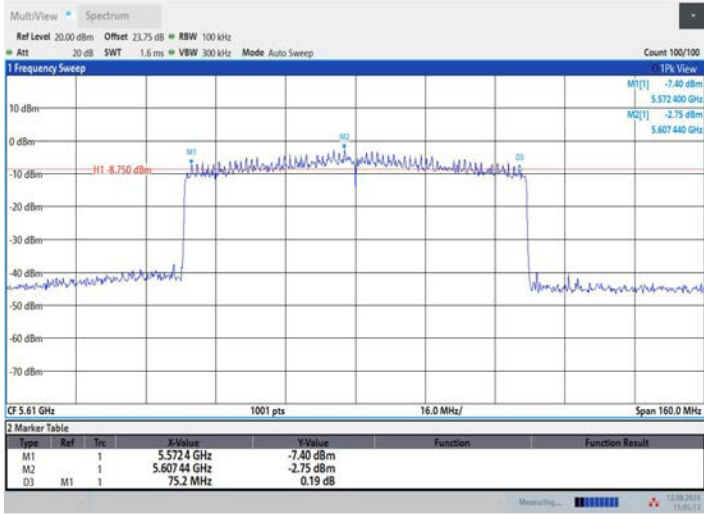
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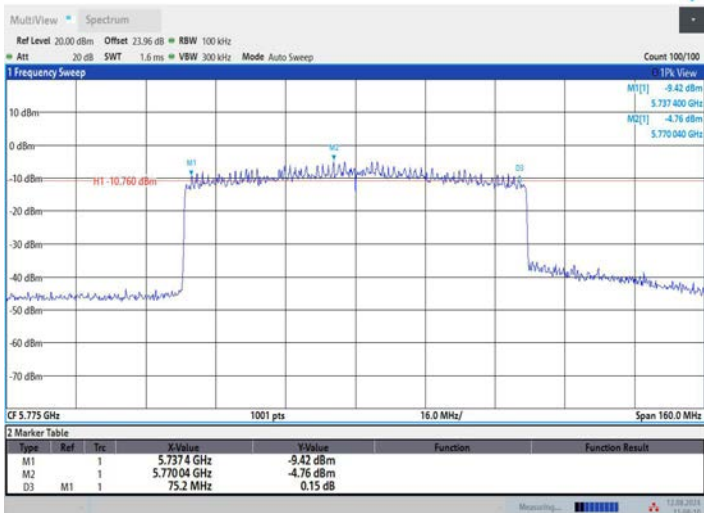
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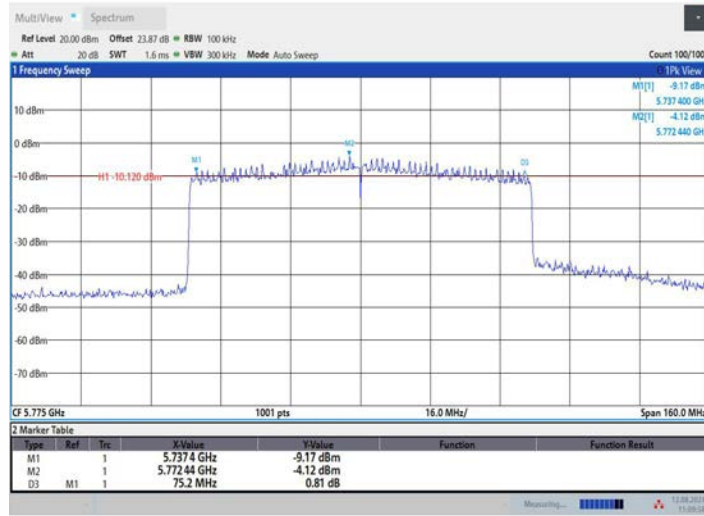
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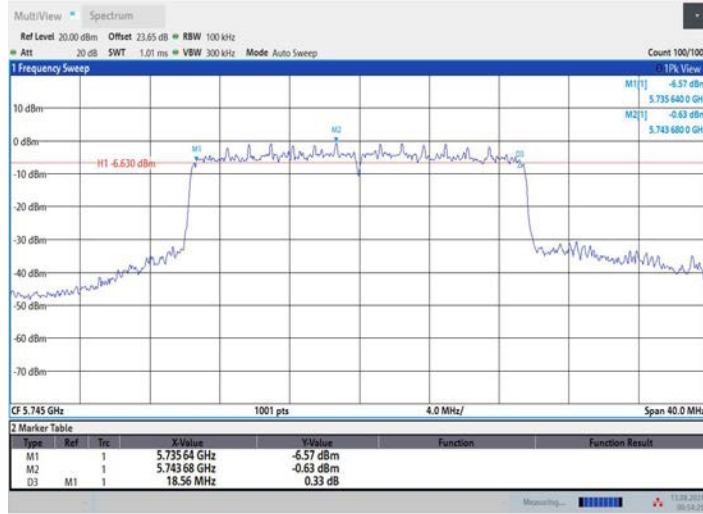
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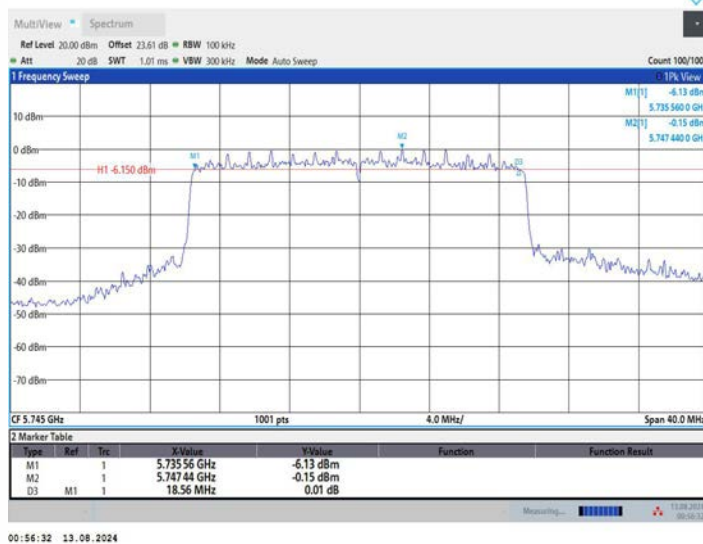


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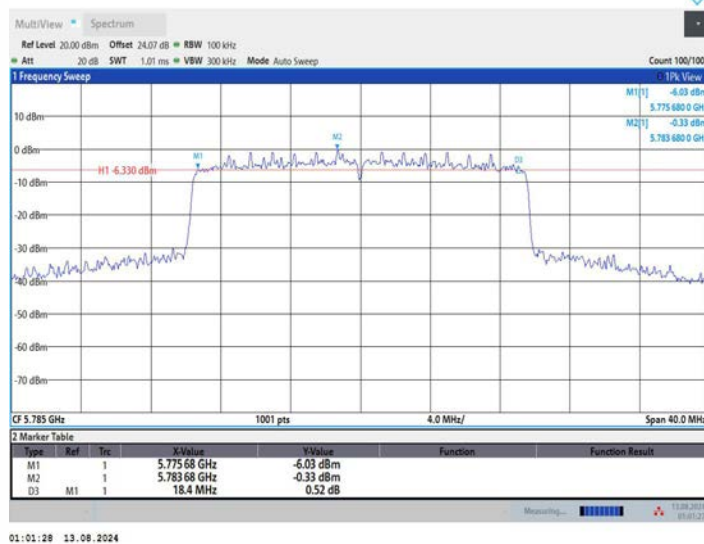
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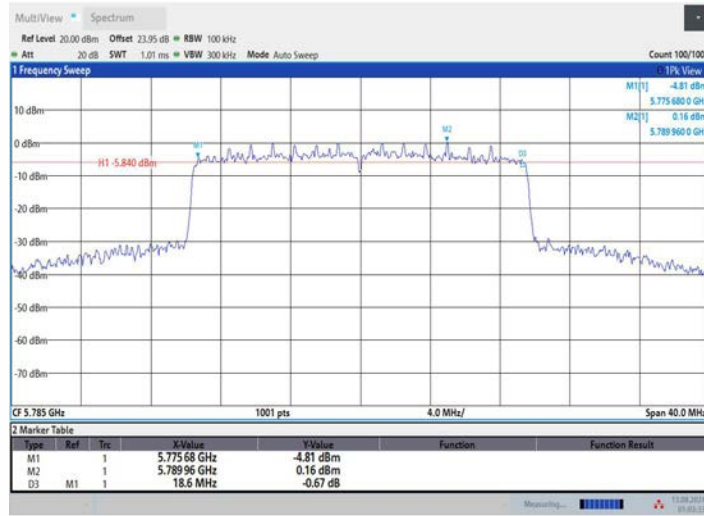
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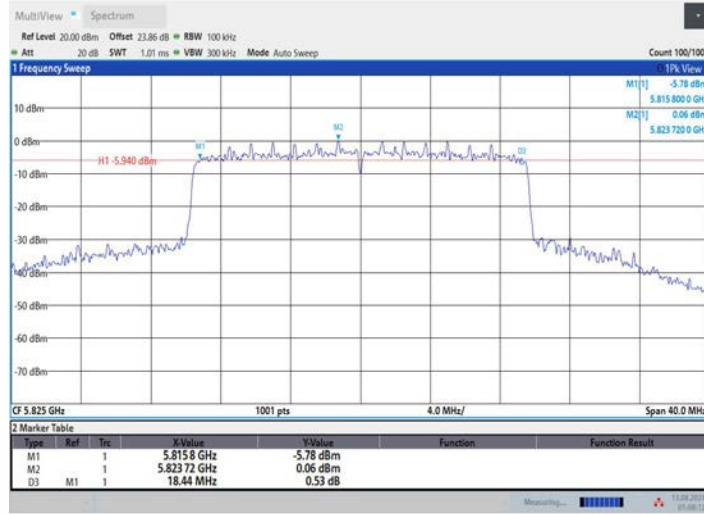
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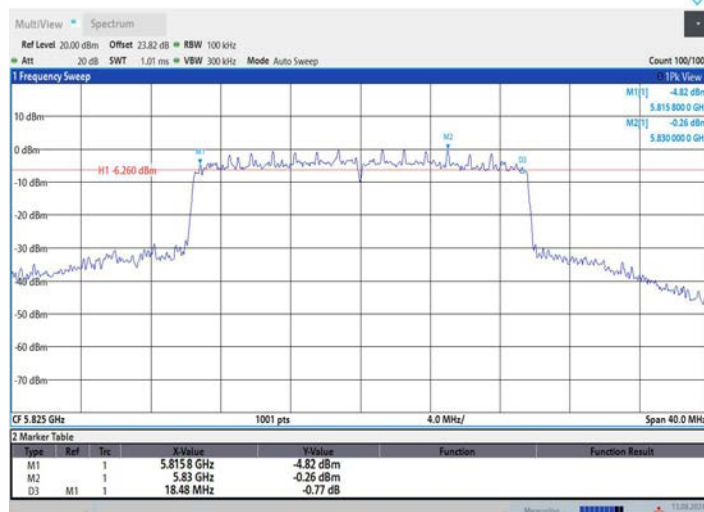
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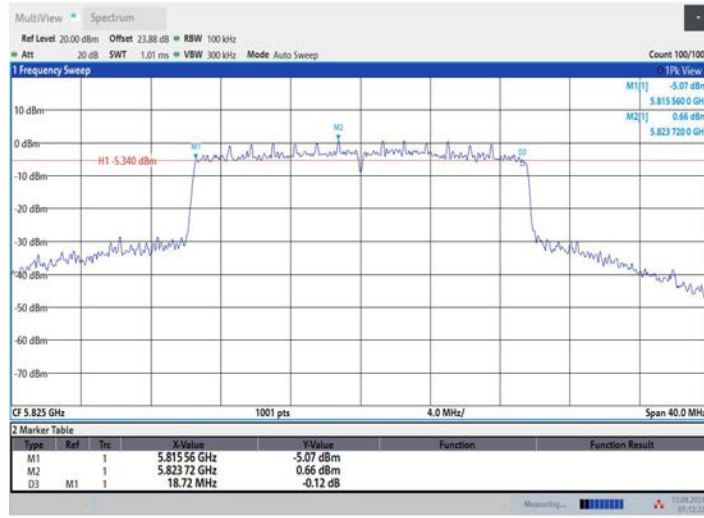
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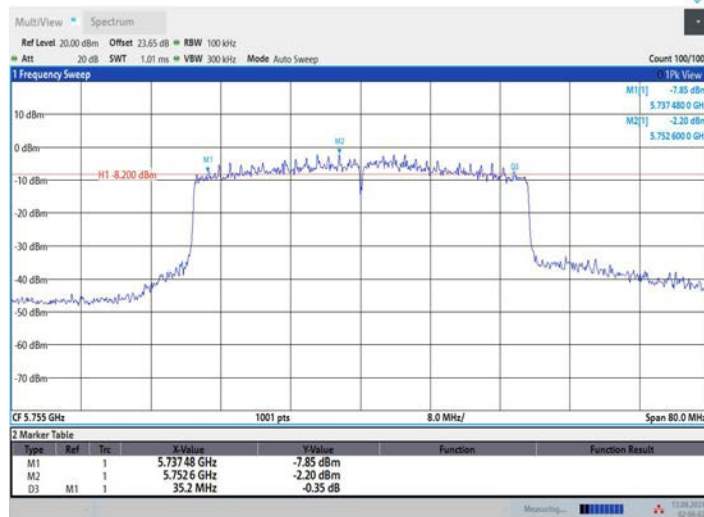
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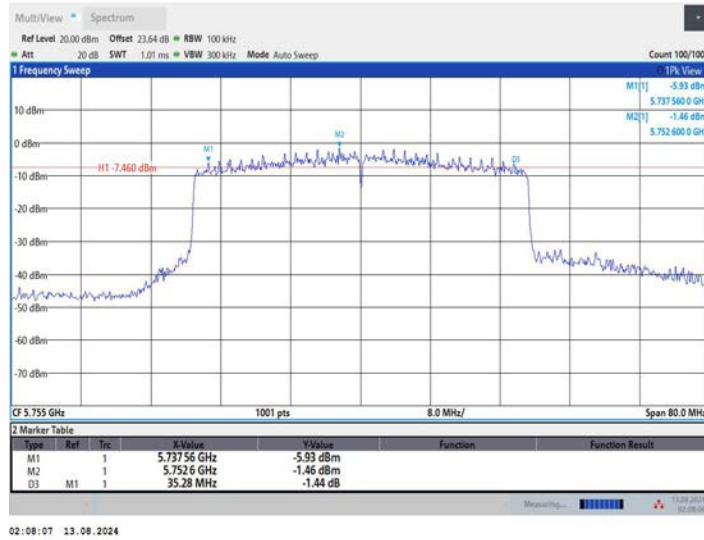
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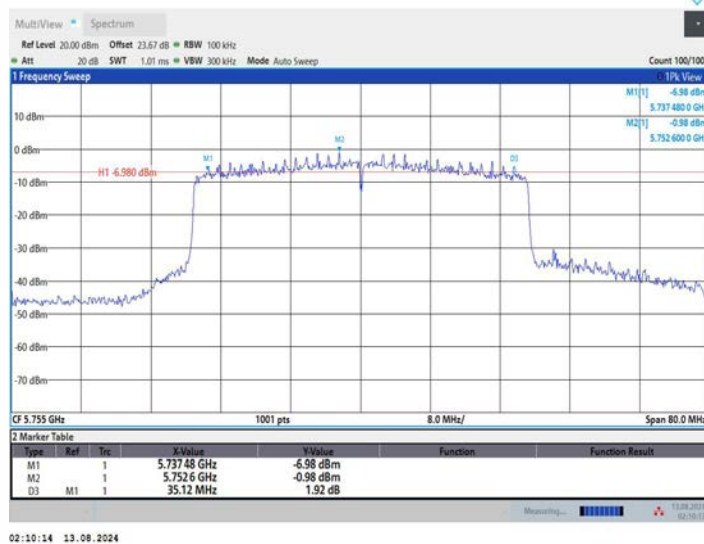


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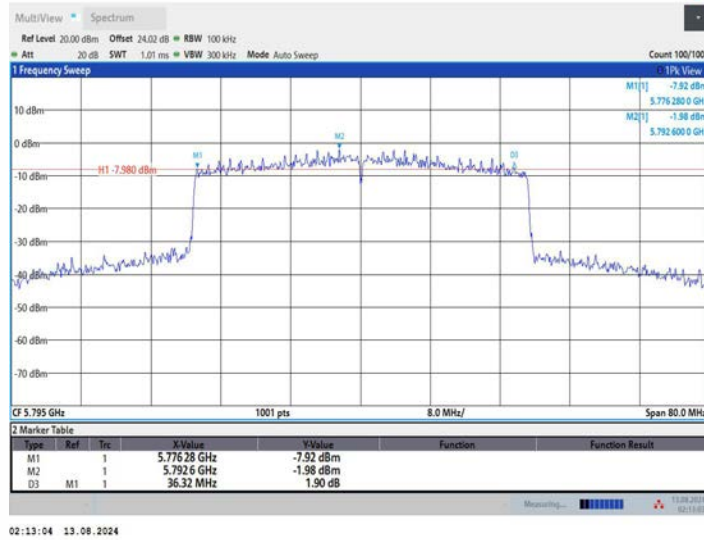
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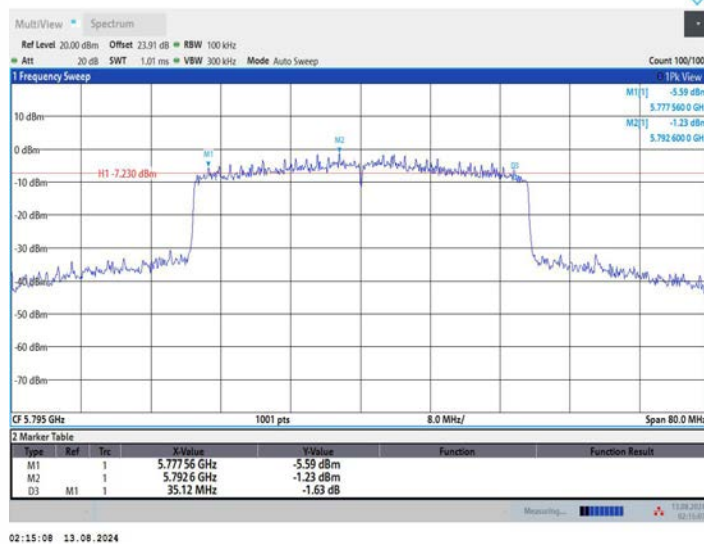
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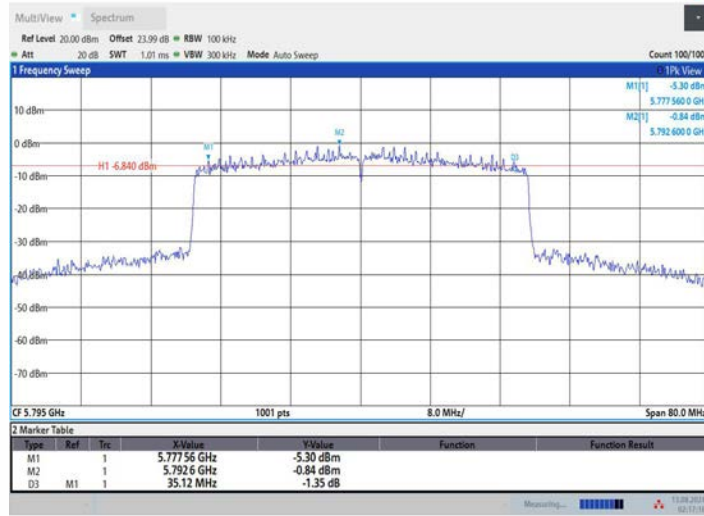
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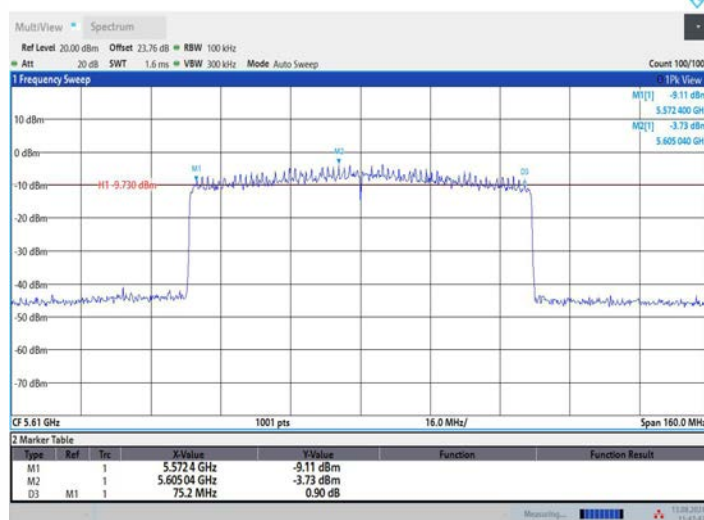
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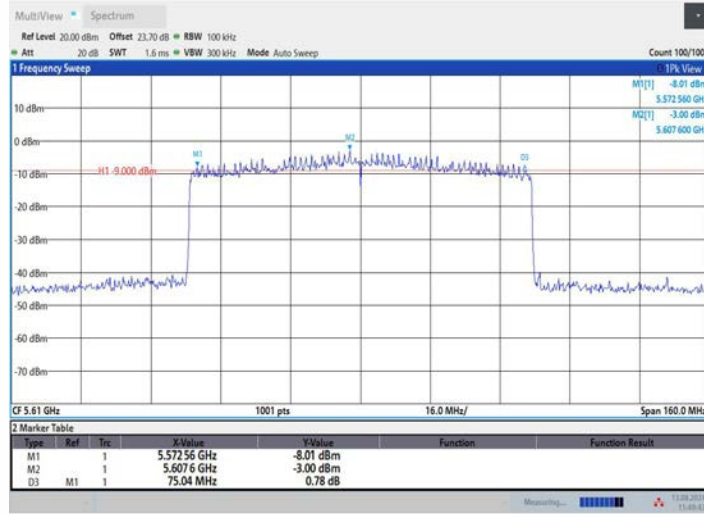
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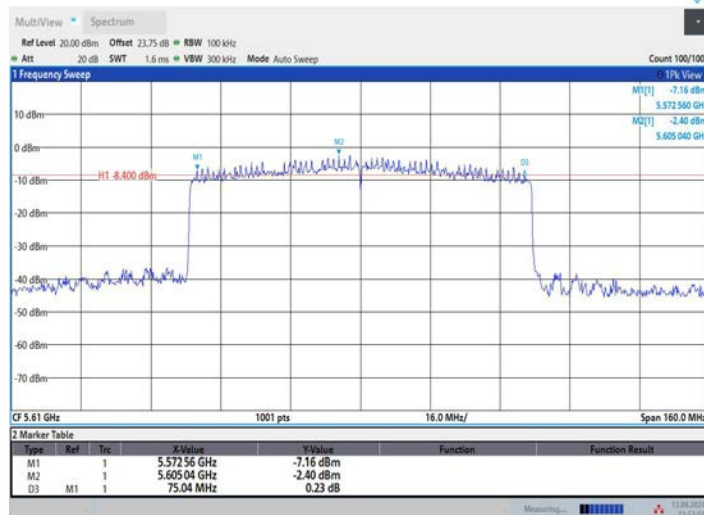


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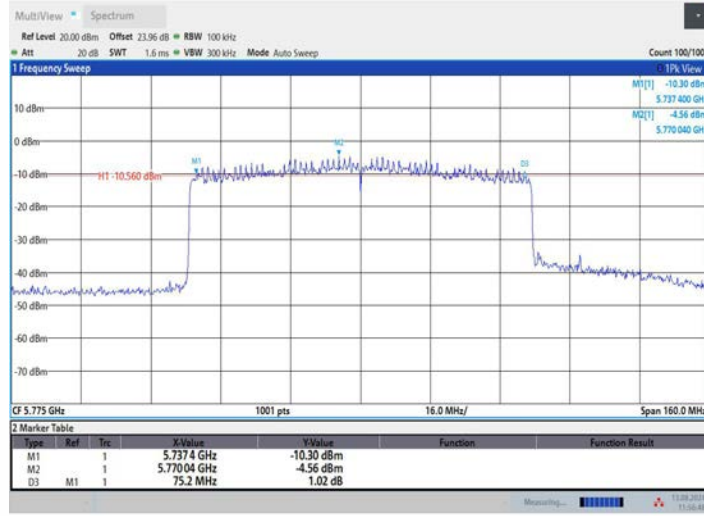
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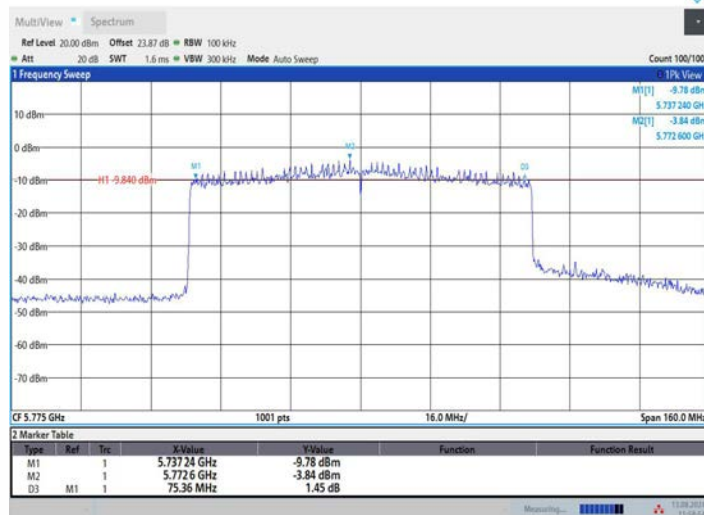
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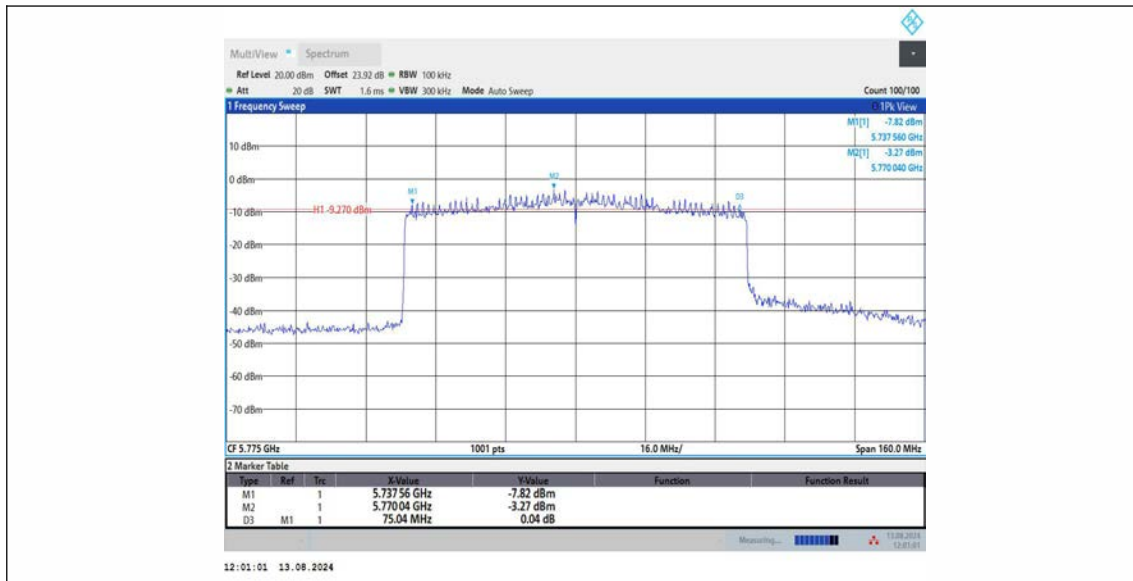
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11BE80MIMO_Ant2_5775



11:58:55 13.08.2024

11BE80MIMO_Ant3_5775



8.2 MAXIMUM CONDUCTED OUTPUT POWER

8.2.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I

According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C

According to FCC Part 15.407(a)(3) for UNII Band III

According to 789033 D02 Section II(E)

8.2.2 Conformance Limit

■ For the band 5.15-5.25 GHz,

(a) (1) (i) For an outdoor 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. 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. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(a) (1) (ii) 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. 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.

(a) (1) (iii) For fixed point-to-point access points 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. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. 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.

(a) (1) (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. 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

(a) (2) 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.

■ For the band 5.725-5.85 GHz

(a) (3) 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.

8.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup 1.

8.2.4 Test Procedure

The maximum average conducted output power can be measured using Method PM-G (Measurement using a gated RF average power meter):

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

- The Transmitter output (antenna port) was connected to the power meter.
- Turn on the EUT and power meter and then record the power value.
- Repeat above procedures on all channels needed to be tested.

8.2.5 Test Results

Temperature : 25°C
Humidity : 60 %

ATM Pressure:: 1011 mbar
Test Engineer: GJ

Output Power

For 802.11a, Output Power Limit as below.

Frequency [MHz]	Conducted Limit [dBm]	EIRP Limit [dBm]
5150~5250MHz Band	30	N/A
5250~5350MHz Band	23.98	N/A
5470~5725MHz Band	23.98	N/A
5725~5850MHz Band	30	N/A

For others, Output Power Limit as below.

Frequency [MHz]	Conducted Limit [dBm]	EIRP Limit [dBm]
5150~5250MHz Band	26.76	N/A
5250~5350MHz Band	20.74	N/A
5470~5725MHz Band	20.74	N/A
5725~5850MHz Band	26.76	N/A

Test Mode	Antenna	Frequency [MHz]	TPC	Channel Power [dBm]	Duty Cycle [%]	Set Power	Result [dBm]	Gain [dBi]	EIRP [dBm]	Verdict
11A	Ant1	5180	NA	16.2	95.86	17	16.38	4.53	20.91	PASS
11A	Ant2	5180	NA	16.41	95.86	17	16.59	4.32	20.91	PASS
11A	Ant3	5180	NA	16.51	95.21	17	16.72	4.56	21.28	PASS
11A	Ant1	5200	NA	16.07	95.86	17	16.25	4.53	20.78	PASS
11A	Ant2	5200	NA	16.27	95.21	17	16.48	4.32	20.8	PASS
11A	Ant3	5200	NA	16.23	95.86	17	16.41	4.56	20.97	PASS

11A	Ant1	5240	NA	16.36	95.21	17	16.57	4.53	21.1	PASS
11A	Ant2	5240	NA	16.39	95.21	17	16.6	4.32	20.92	PASS
11A	Ant3	5240	NA	16.32	95.21	17	16.53	4.56	21.09	PASS
11A	Ant1	5260	TPC_L	13.17	95.21	17	13.38	4.53	17.91	PASS
11A	Ant1	5260	TPC_H	16.57	95.21	17	16.78	4.53	21.31	PASS
11A	Ant2	5260	TPC_L	13.05	95.21	17	13.26	4.32	17.58	PASS
11A	Ant2	5260	TPC_H	16.51	95.21	17	16.72	4.32	21.04	PASS
11A	Ant3	5260	TPC_L	13.46	95.86	17	13.64	4.56	18.2	PASS
11A	Ant3	5260	TPC_H	16.78	95.86	17	16.96	4.56	21.52	PASS
11A	Ant1	5280	TPC_L	13.01	95.86	17	13.19	4.53	17.72	PASS
11A	Ant1	5280	TPC_H	16.47	95.86	17	16.65	4.53	21.18	PASS
11A	Ant2	5280	TPC_L	12.8	95.86	17	12.98	4.32	17.3	PASS
11A	Ant2	5280	TPC_H	16.26	95.86	17	16.44	4.32	20.76	PASS
11A	Ant3	5280	TPC_L	13.25	95.86	17	13.43	4.56	17.99	PASS
11A	Ant3	5280	TPC_H	16.51	95.86	17	16.69	4.56	21.25	PASS
11A	Ant1	5320	TPC_L	12.76	95.86	17	12.94	4.53	17.47	PASS
11A	Ant1	5320	TPC_H	16.21	95.86	17	16.39	4.53	20.92	PASS
11A	Ant2	5320	TPC_L	12.59	95.21	17	12.8	4.32	17.12	PASS
11A	Ant2	5320	TPC_H	16.02	95.21	17	16.23	4.32	20.55	PASS
11A	Ant3	5320	TPC_L	12.95	95.21	17	13.16	4.56	17.72	PASS
11A	Ant3	5320	TPC_H	16.4	95.21	17	16.61	4.56	21.17	PASS
11A	Ant1	5500	TPC_L	12.23	95.86	17	12.41	4.53	16.94	PASS
11A	Ant1	5500	TPC_H	15.67	95.86	17	15.85	4.53	20.38	PASS
11A	Ant2	5500	TPC_L	11.85	95.86	17	12.03	4.32	16.35	PASS
11A	Ant2	5500	TPC_H	15.28	95.86	17	15.46	4.32	19.78	PASS
11A	Ant3	5500	TPC_L	12.81	95.21	17	13.02	4.56	17.58	PASS
11A	Ant3	5500	TPC_H	16.2	95.21	17	16.41	4.56	20.97	PASS
11A	Ant1	5580	TPC_L	12.57	96.53	17	12.72	4.53	17.25	PASS
11A	Ant1	5580	TPC_H	15.98	96.53	17	16.13	4.53	20.66	PASS

11A	Ant2	5580	TPC_L	13.04	95.86	17	13.22	4.32	17.54	PASS
11A	Ant2	5580	TPC_H	16.57	95.86	17	16.75	4.32	21.07	PASS
11A	Ant3	5580	TPC_L	13.6	95.21	17	13.81	4.56	18.37	PASS
11A	Ant3	5580	TPC_H	17.08	95.21	17	17.29	4.56	21.85	PASS
11A	Ant1	5700	TPC_L	11.62	95.86	17	11.8	4.53	16.33	PASS
11A	Ant1	5700	TPC_H	15.07	95.86	17	15.25	4.53	19.78	PASS
11A	Ant2	5700	TPC_L	11.97	95.86	17	12.15	4.32	16.47	PASS
11A	Ant2	5700	TPC_H	15.38	95.86	17	15.56	4.32	19.88	PASS
11A	Ant3	5700	TPC_L	11.63	95.86	17	11.81	4.56	16.37	PASS
11A	Ant3	5700	TPC_H	15.05	95.86	17	15.23	4.56	19.79	PASS
11A	Ant1	5745	NA	14.83	95.21	17	15.04	4.53	19.57	PASS
11A	Ant2	5745	NA	15.17	95.86	17	15.35	4.32	19.67	PASS
11A	Ant3	5745	NA	15.74	95.86	17	15.92	4.56	20.48	PASS
11A	Ant1	5785	NA	14.92	95.21	17	15.13	4.53	19.66	PASS
11A	Ant2	5785	NA	15.42	95.21	17	15.63	4.32	19.95	PASS
11A	Ant3	5785	NA	15.86	95.21	17	16.07	4.56	20.63	PASS
11A	Ant1	5825	NA	15.34	95.86	17	15.52	4.53	20.05	PASS
11A	Ant2	5825	NA	14.98	95.21	17	15.19	4.32	19.51	PASS
11A	Ant3	5825	NA	15.86	95.21	17	16.07	4.56	20.63	PASS
11N20	Ant1	5180	NA	12.11	95.62	12.5	12.3	4.53	16.83	PASS
11N20	Ant2	5180	NA	12.54	94.93	12.5	12.77	4.32	17.09	PASS
11N20	Ant3	5180	NA	12.65	95.62	12.5	12.84	4.56	17.4	PASS
11N20	total	5180	NA	---	---	12.5	17.41	4.56	21.97	PASS
11N20	Ant1	5200	NA	11.98	95.59	12.5	12.18	4.53	16.71	PASS
11N20	Ant2	5200	NA	12.39	94.89	12.5	12.62	4.32	16.94	PASS
11N20	Ant3	5200	NA	12.45	95.62	12.5	12.64	4.56	17.2	PASS
11N20	total	5200	NA	---	---	12.5	17.26	4.56	21.82	PASS
11N20	Ant1	5240	NA	12.29	94.93	12.5	12.52	4.53	17.05	PASS
11N20	Ant2	5240	NA	12.58	95.62	12.5	12.77	4.32	17.09	PASS

11N20	Ant3	5240	NA	12.49	95.62	12.5	12.68	4.56	17.24	PASS
11N20	total	5240	NA	---	---	12.5	17.43	4.56	21.99	PASS
11N20	Ant1	5260	TPC_L	9.14	94.89	12.5	9.37	4.53	13.9	PASS
11N20	Ant1	5260	TPC_H	12.37	94.89	12.5	12.6	4.53	17.13	PASS
11N20	Ant2	5260	TPC_L	9.38	94.89	12.5	9.61	4.32	13.93	PASS
11N20	Ant2	5260	TPC_H	12.55	94.89	12.5	12.78	4.32	17.1	PASS
11N20	Ant3	5260	TPC_L	9.83	94.93	12.5	10.06	4.56	14.62	PASS
11N20	Ant3	5260	TPC_H	12.95	94.93	12.5	13.18	4.56	17.74	PASS
11N20	total	5260	TPC_L	---	---	12.5	14.46	4.56	19.02	PASS
11N20	total	5260	TPC_H	---	---	12.5	17.63	4.56	22.19	PASS
11N20	Ant1	5280	TPC_L	9	95.62	12.5	9.19	4.53	13.72	PASS
11N20	Ant1	5280	TPC_H	12.38	95.62	12.5	12.57	4.53	17.1	PASS
11N20	Ant2	5280	TPC_L	9.1	95.59	12.5	9.3	4.32	13.62	PASS
11N20	Ant2	5280	TPC_H	12.43	95.59	12.5	12.63	4.32	16.95	PASS
11N20	Ant3	5280	TPC_L	9.57	95.59	12.5	9.77	4.56	14.33	PASS
11N20	Ant3	5280	TPC_H	12.9	95.59	12.5	13.1	4.56	17.66	PASS
11N20	total	5280	TPC_L	---	---	12.5	14.2	4.56	18.76	PASS
11N20	total	5280	TPC_H	---	---	12.5	17.54	4.56	22.1	PASS
11N20	Ant1	5320	TPC_L	8.62	94.93	12.5	8.85	4.53	13.38	PASS
11N20	Ant1	5320	TPC_H	12.13	94.93	12.5	12.36	4.53	16.89	PASS
11N20	Ant2	5320	TPC_L	8.63	95.59	12.5	8.83	4.32	13.15	PASS
11N20	Ant2	5320	TPC_H	12.11	95.59	12.5	12.31	4.32	16.63	PASS
11N20	Ant3	5320	TPC_L	9.09	94.93	12.5	9.32	4.56	13.88	PASS
11N20	Ant3	5320	TPC_H	12.49	94.93	12.5	12.72	4.56	17.28	PASS
11N20	total	5320	TPC_L	---	---	12.5	13.78	4.56	18.34	PASS
11N20	total	5320	TPC_H	---	---	12.5	17.24	4.56	21.8	PASS
11N20	Ant1	5500	TPC_L	7.93	95.59	12.5	8.13	4.53	12.66	PASS
11N20	Ant1	5500	TPC_H	11.42	95.59	12.5	11.62	4.53	16.15	PASS
11N20	Ant2	5500	TPC_L	7.78	94.93	12.5	8.01	4.32	12.33	PASS