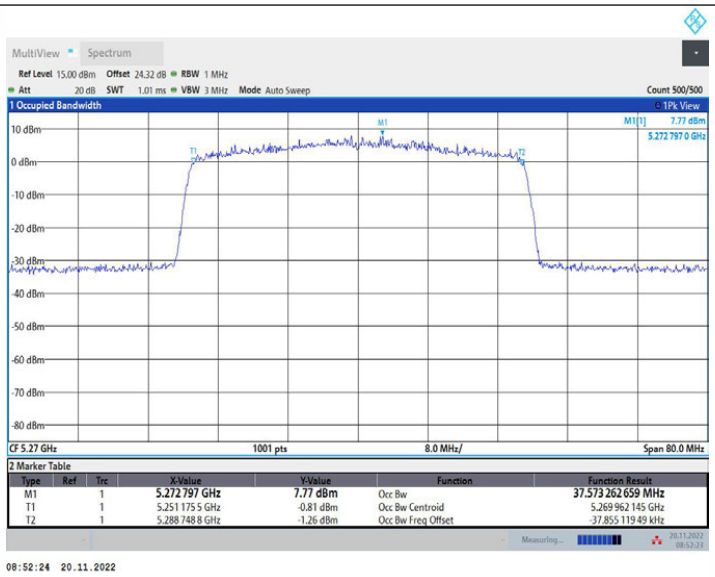
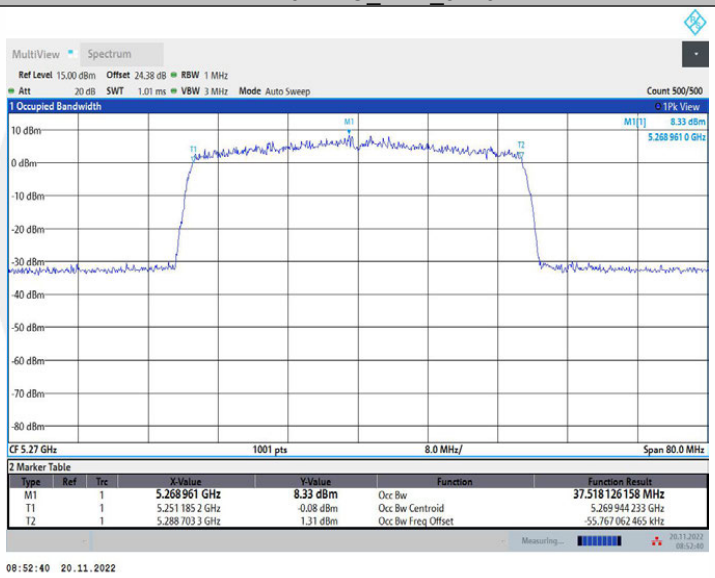
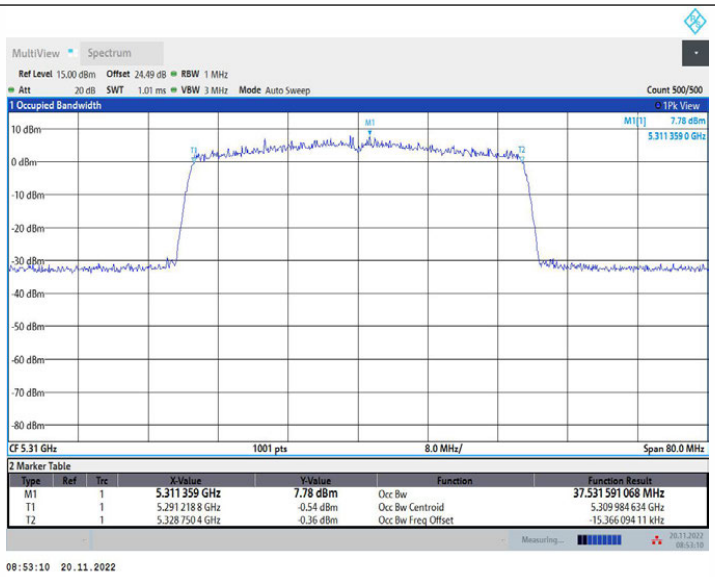


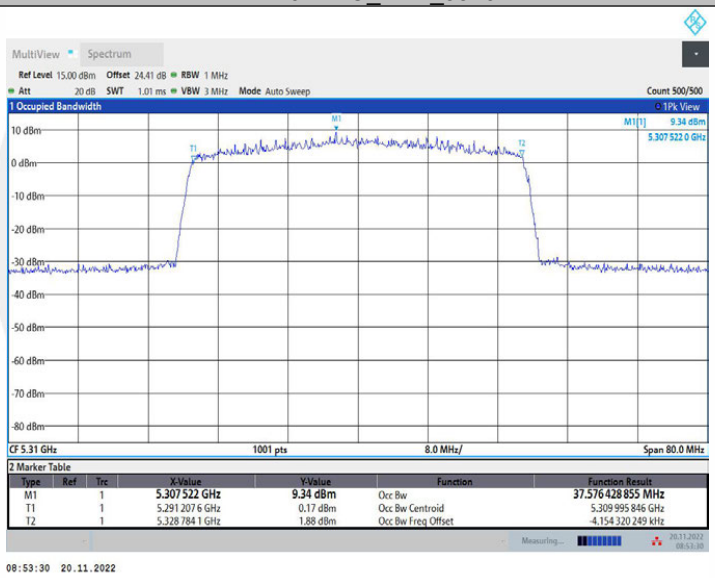
11AX40MIMO_Ant1_5270



11AX40MIMO_Ant2_5270



11AX40MIMO_Ant1_5310



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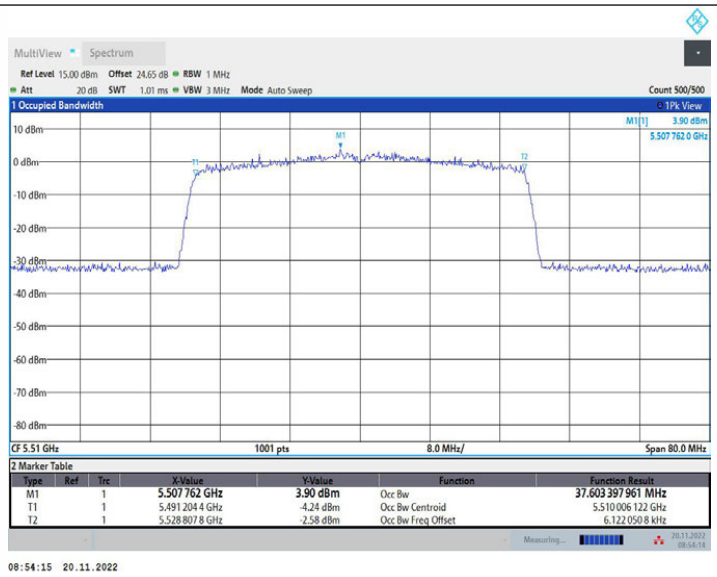

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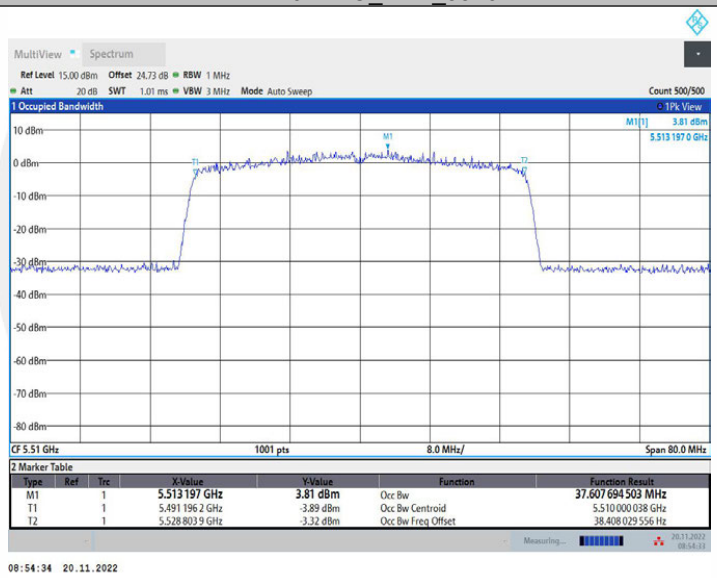

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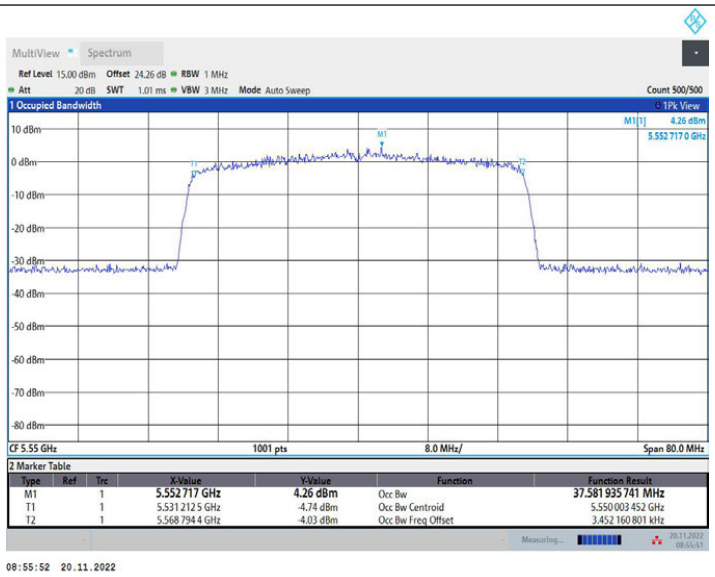
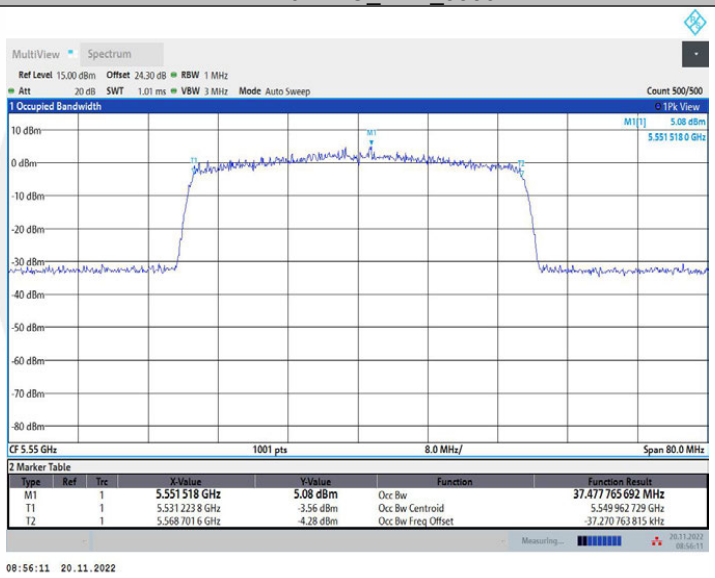
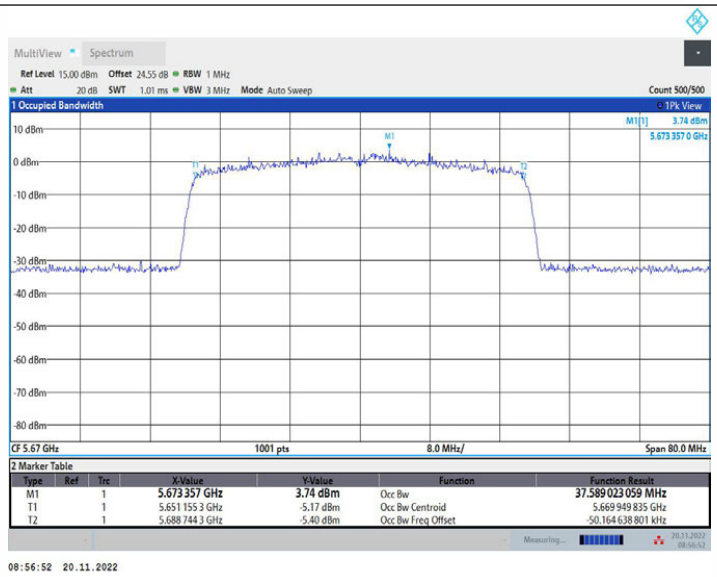


11AX40MIMO_Ant1_5550



11AX40MIMO_Ant2_5550



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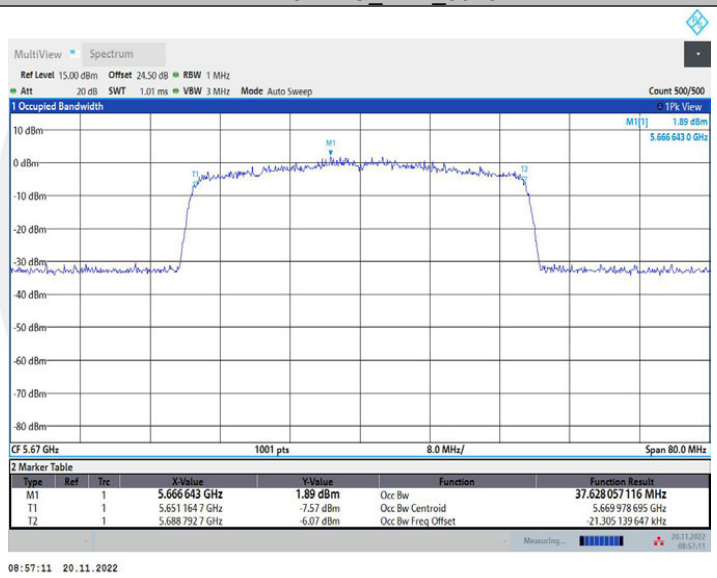

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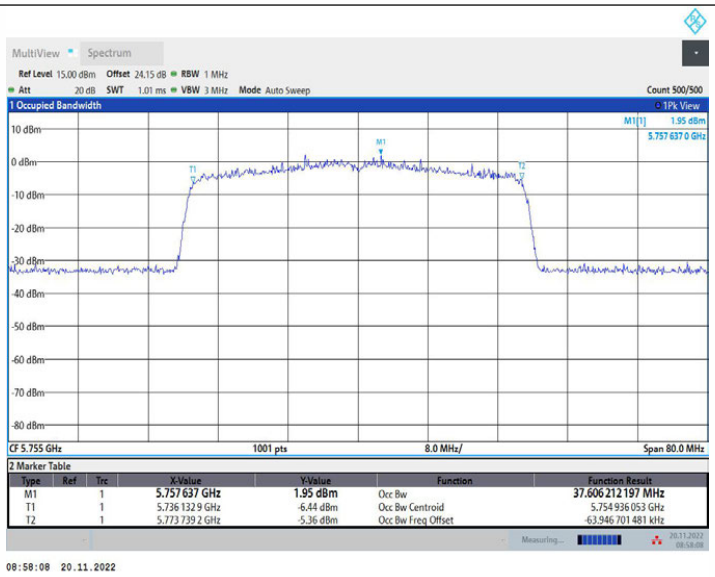
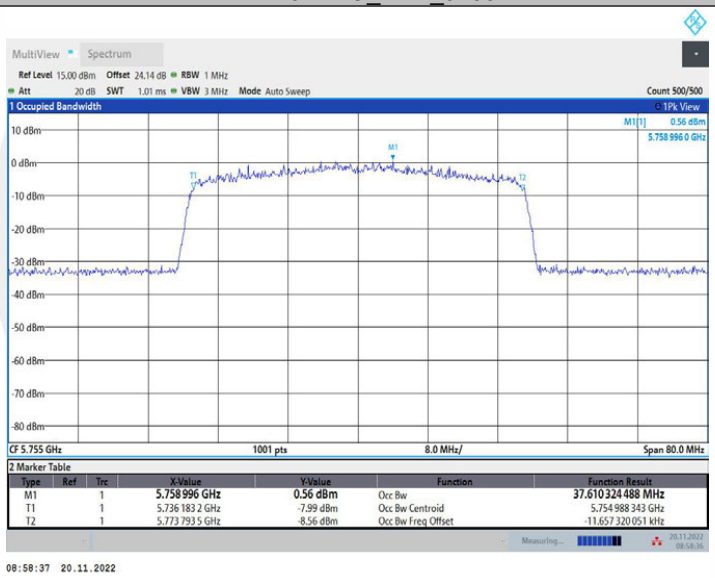


11AX40MIMO_Ant1_5755



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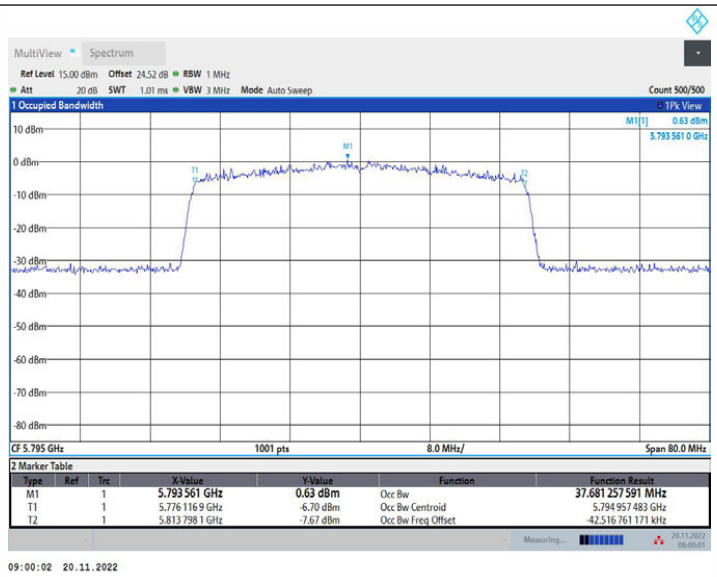

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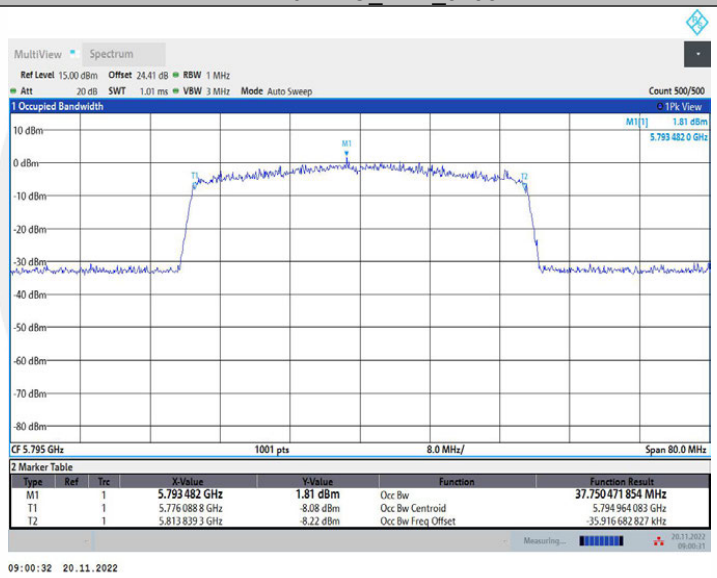
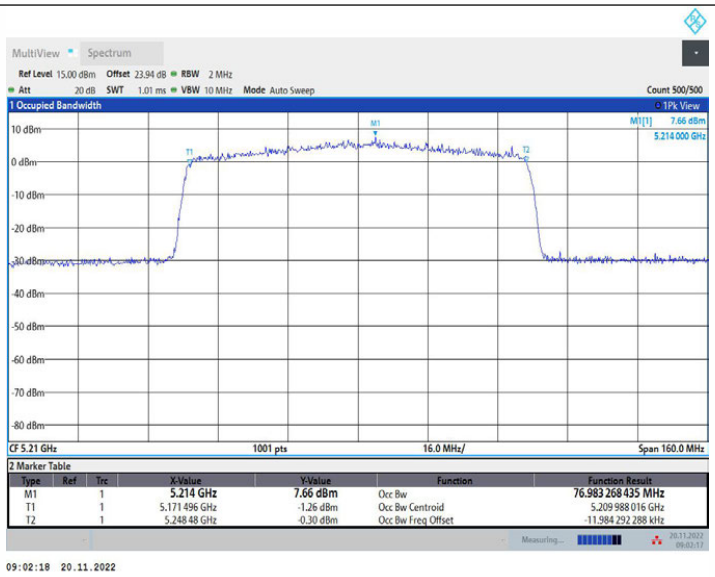
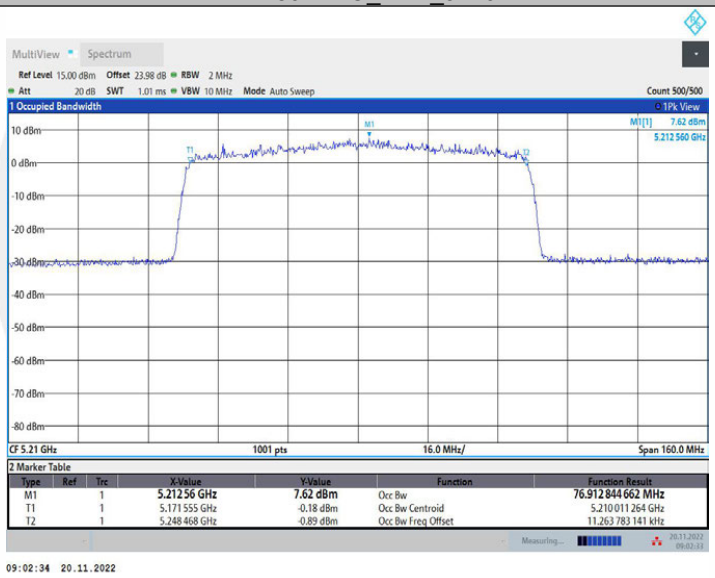


11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5210



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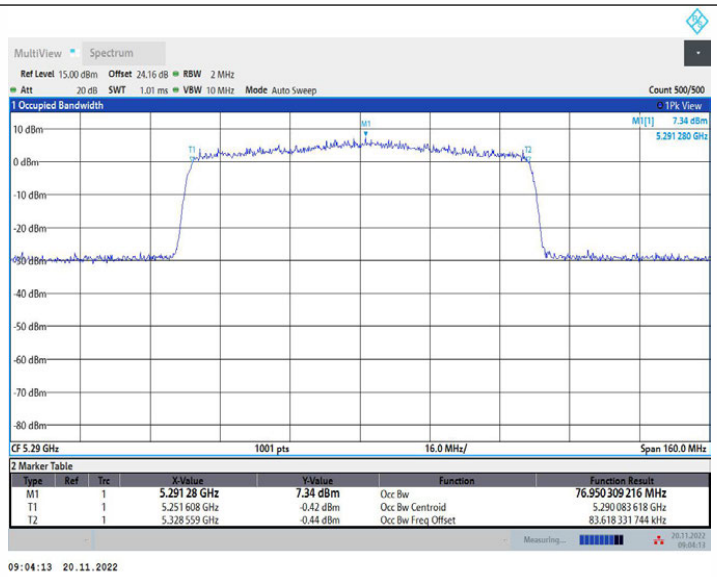
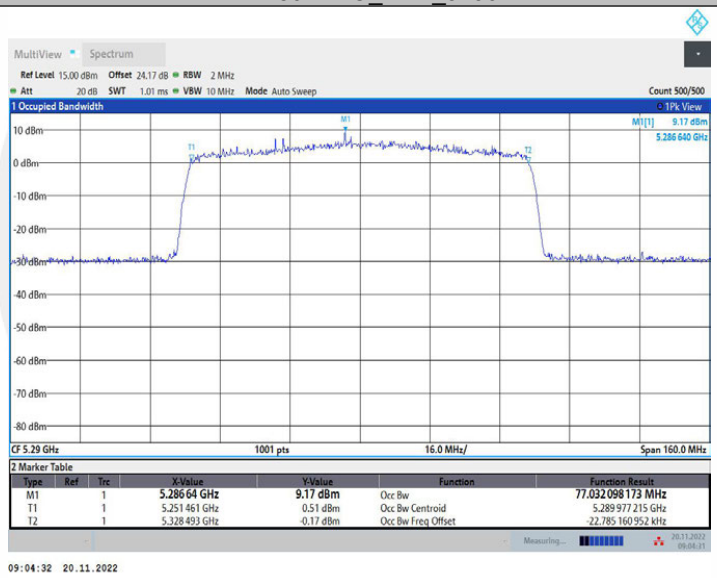


11AX80MIMO_Ant1_5290



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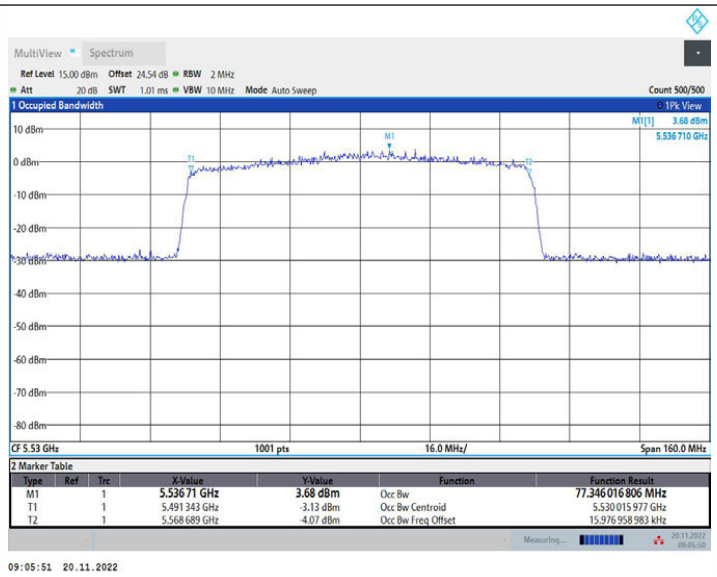

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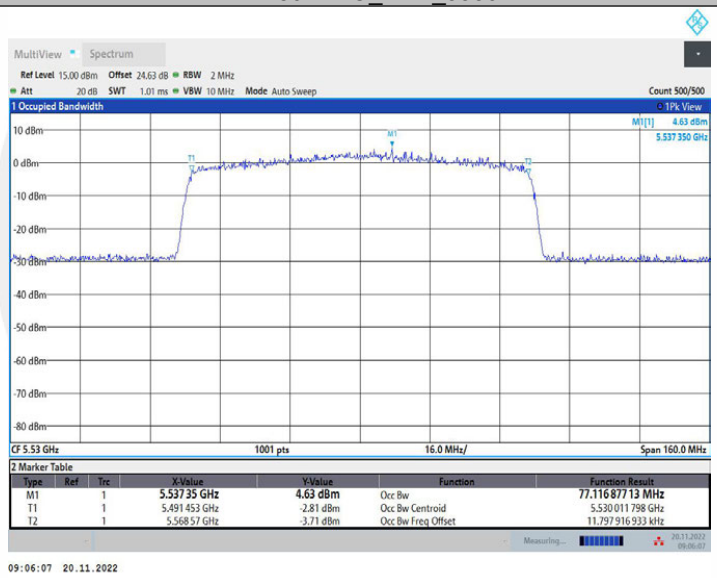

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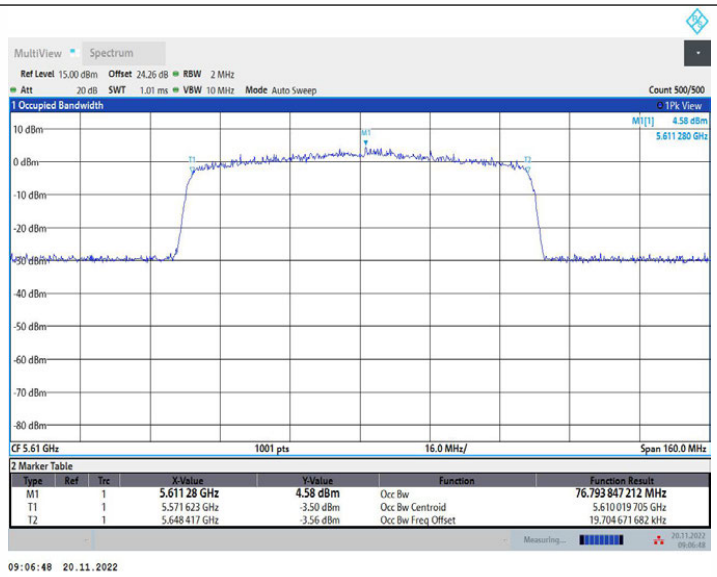

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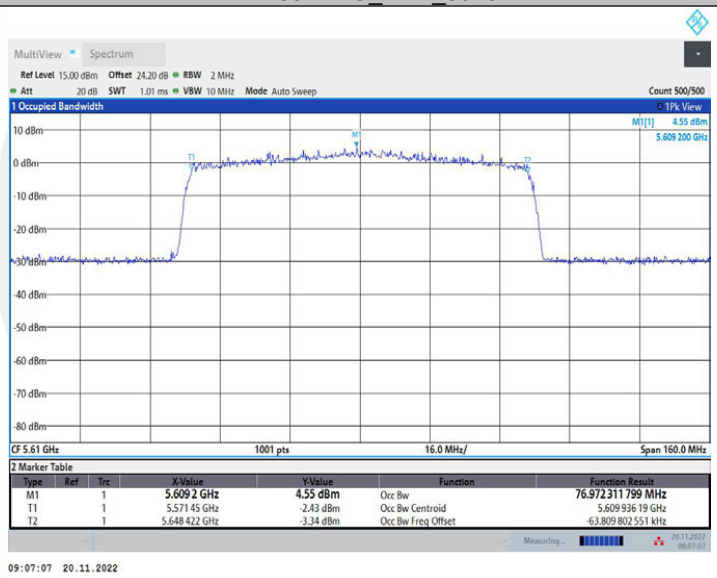

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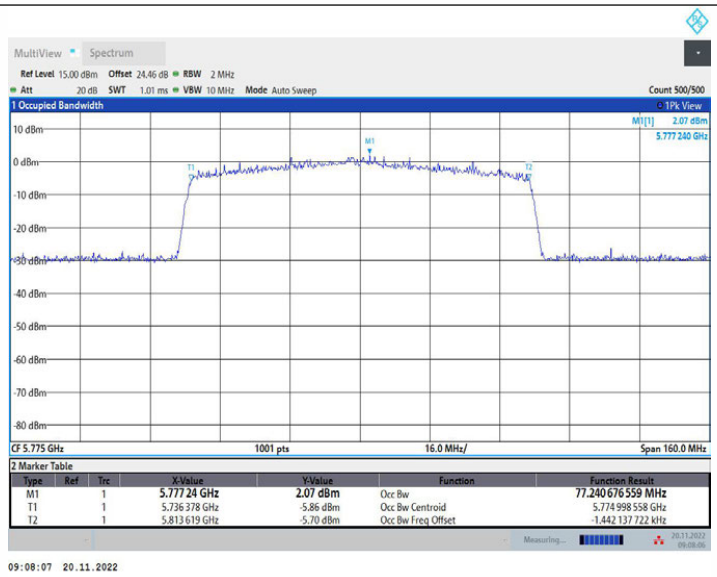
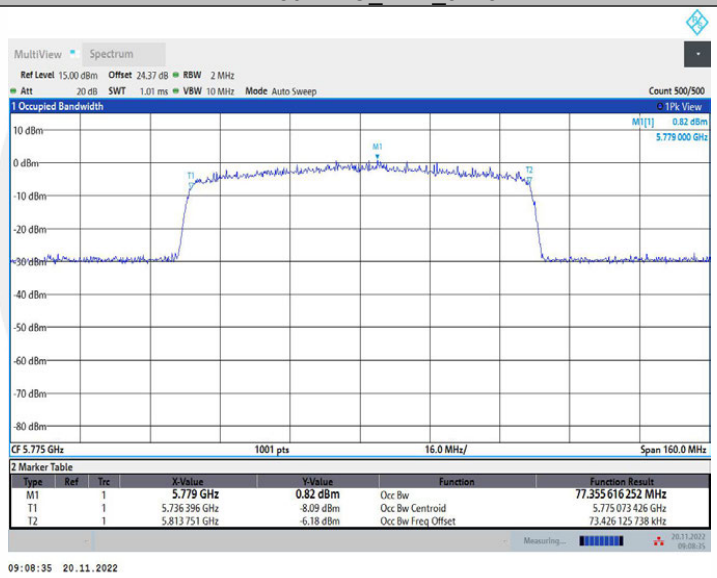


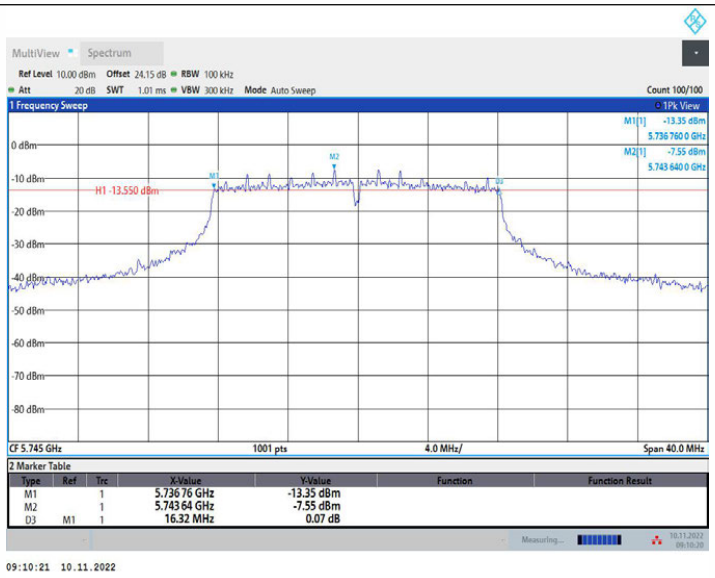
11AX80MIMO_Ant1_5775



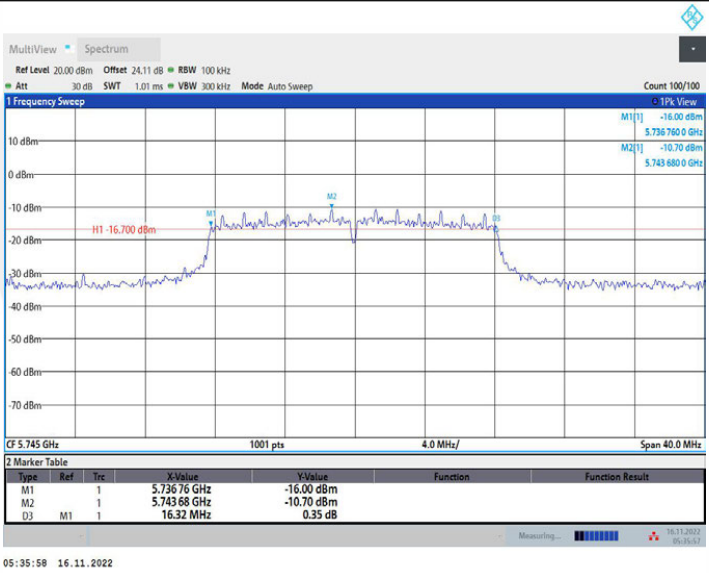
11AX80MIMO_Ant2_5775

Min emission bandwidth (6db)

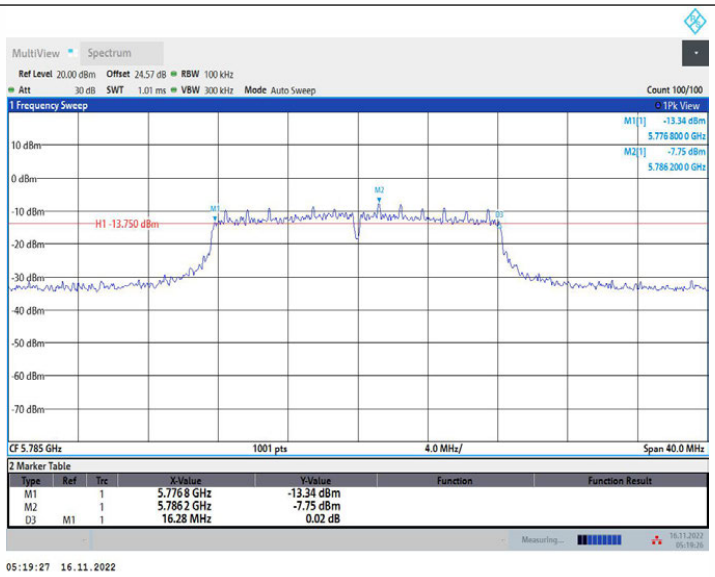
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.76	5753.08	0.5	PASS
	Ant2	5745	16.32	5736.76	5753.08	0.5	PASS
	Ant1	5785	16.28	5776.80	5793.08	0.5	PASS
	Ant2	5785	16.32	5776.76	5793.08	0.5	PASS
	Ant1	5825	16.32	5816.76	5833.08	0.5	PASS
	Ant2	5825	16.32	5816.76	5833.08	0.5	PASS
11N20MIMO	Ant1	5745	17.56	5736.12	5753.68	0.5	PASS
	Ant2	5745	17.60	5736.12	5753.72	0.5	PASS
	Ant1	5785	17.32	5776.12	5793.44	0.5	PASS
	Ant2	5785	17.60	5776.12	5793.72	0.5	PASS
	Ant1	5825	17.56	5816.12	5833.68	0.5	PASS
	Ant2	5825	17.60	5816.12	5833.72	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
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	33.84	5778.68	5812.52	0.5	PASS
11AC20MIMO	Ant1	5745	17.32	5736.36	5753.68	0.5	PASS
	Ant2	5745	17.60	5736.12	5753.72	0.5	PASS
	Ant1	5785	17.16	5776.52	5793.68	0.5	PASS
	Ant2	5785	17.60	5776.12	5793.72	0.5	PASS
	Ant1	5825	17.28	5816.40	5833.68	0.5	PASS
	Ant2	5825	17.60	5816.12	5833.72	0.5	PASS
11AC40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AC80MIMO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS
11AX20MIMO	Ant1	5745	18.28	5735.88	5754.16	0.5	PASS
	Ant2	5745	18.84	5735.52	5754.36	0.5	PASS
	Ant1	5785	18.48	5775.60	5794.08	0.5	PASS
	Ant2	5785	18.68	5775.48	5794.16	0.5	PASS
	Ant1	5825	18.80	5815.52	5834.32	0.5	PASS
	Ant2	5825	18.56	5815.76	5834.32	0.5	PASS
11AX40MIMO	Ant1	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant2	5755	35.12	5737.40	5772.52	0.5	PASS
	Ant1	5795	35.12	5777.40	5812.52	0.5	PASS
	Ant2	5795	35.12	5777.40	5812.52	0.5	PASS
11AX80MIMO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS
	Ant2	5775	75.20	5737.40	5812.60	0.5	PASS



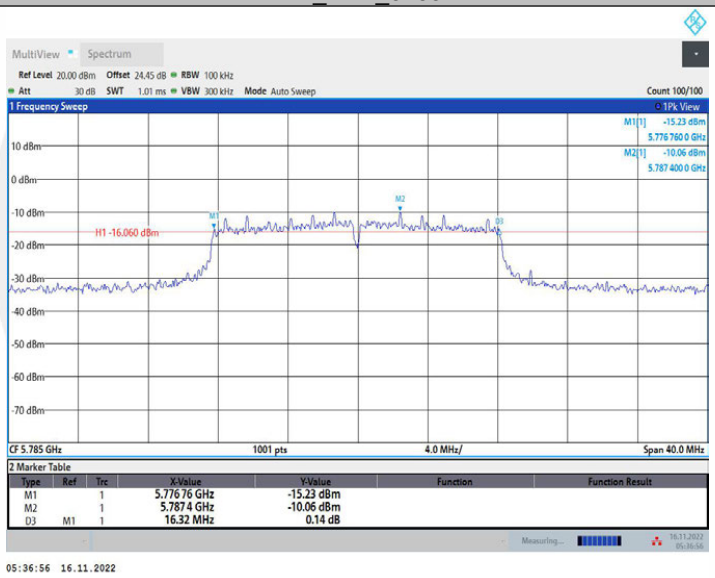
11A_Ant1_5745



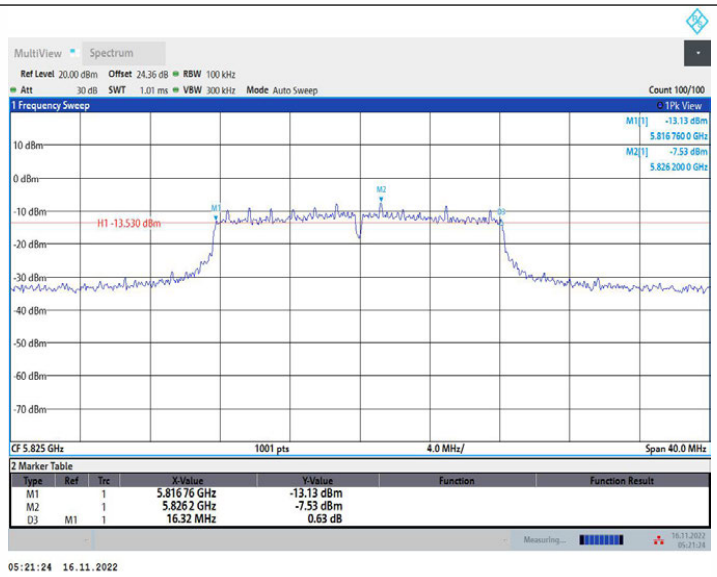
11A_Ant2_5745



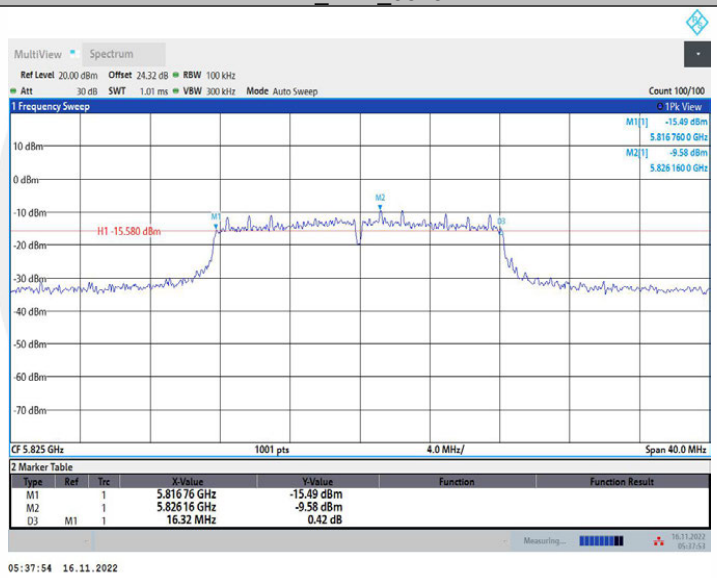
11A_Ant1_5785



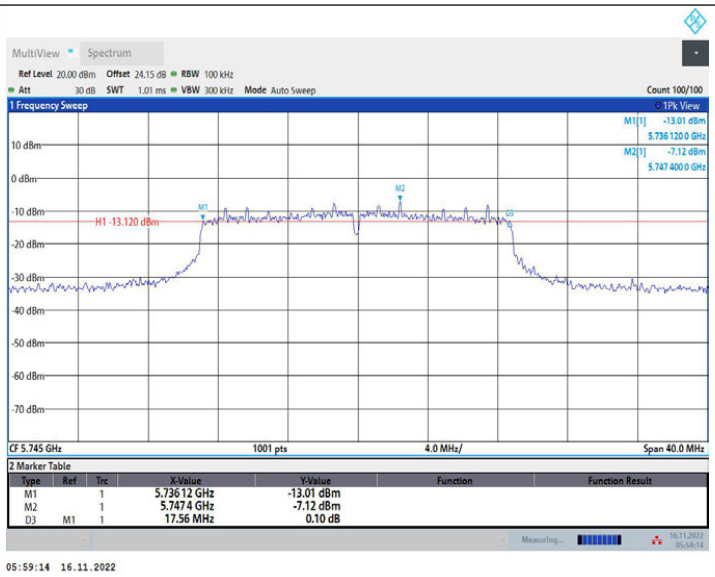
11A_Ant2_5785



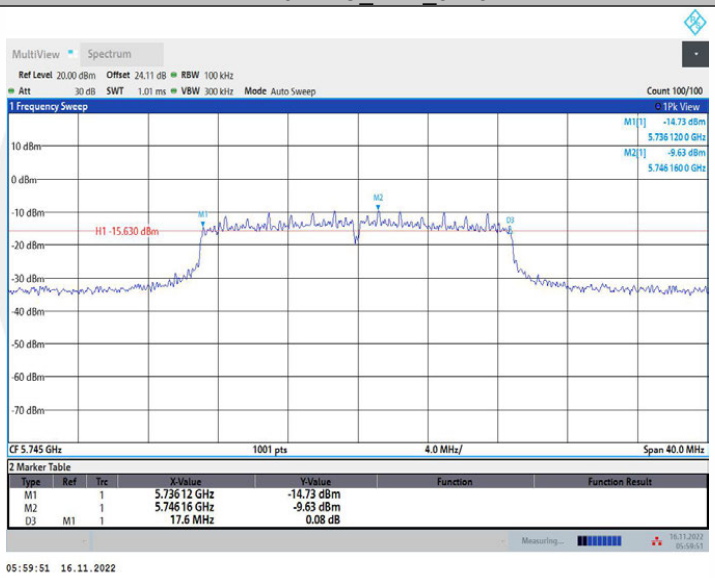
11A_Ant1_5825



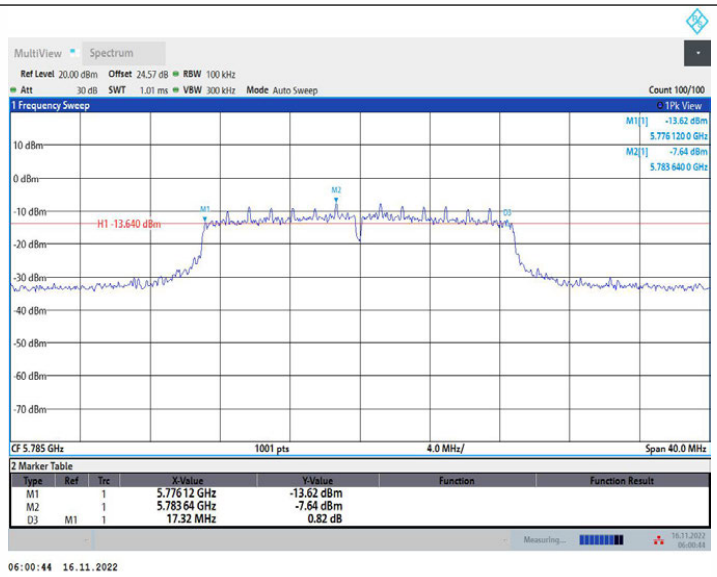
11A_Ant2_5825



11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



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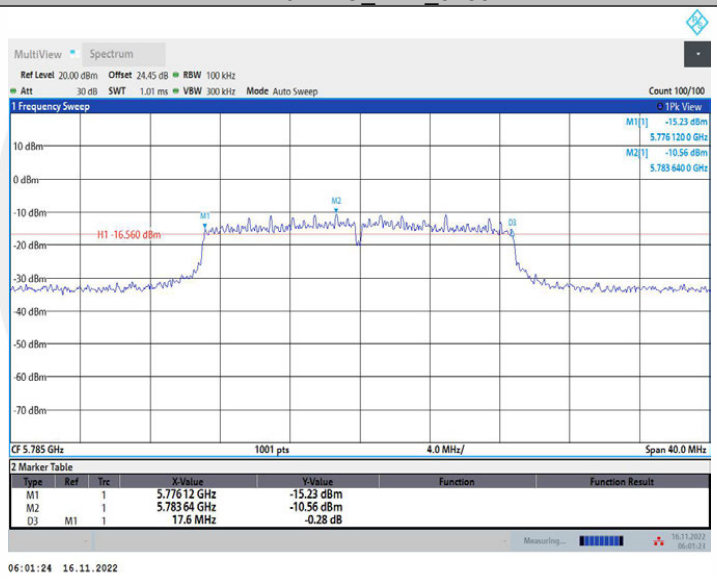

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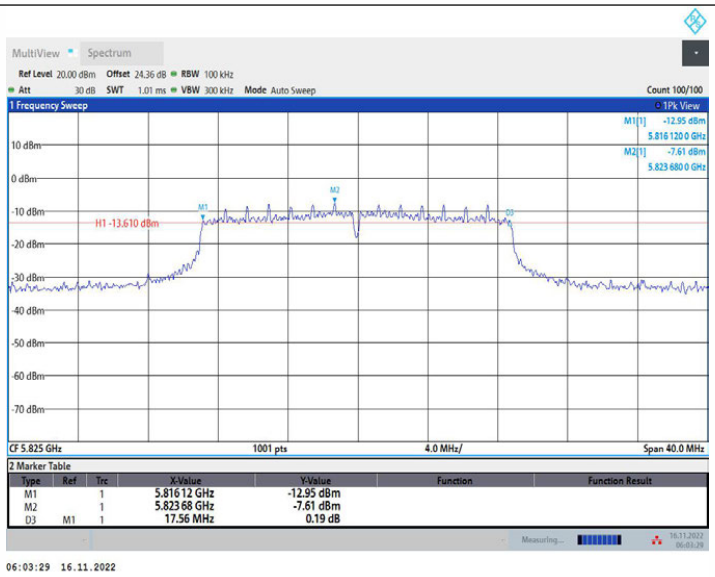

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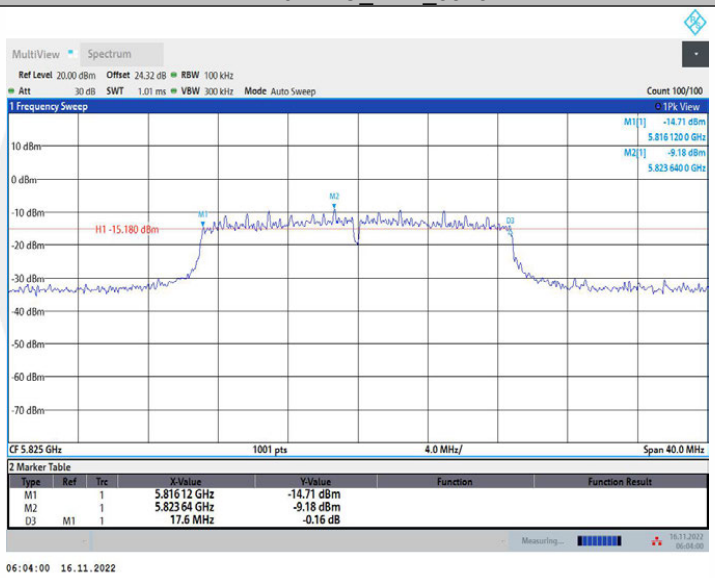
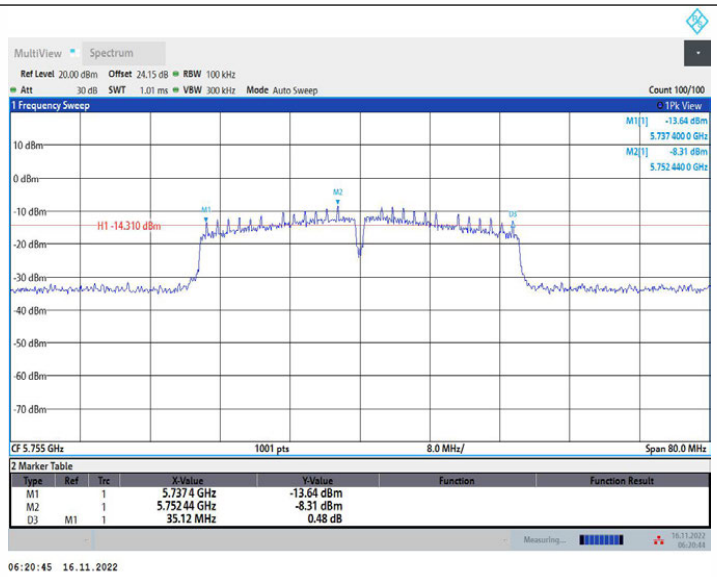
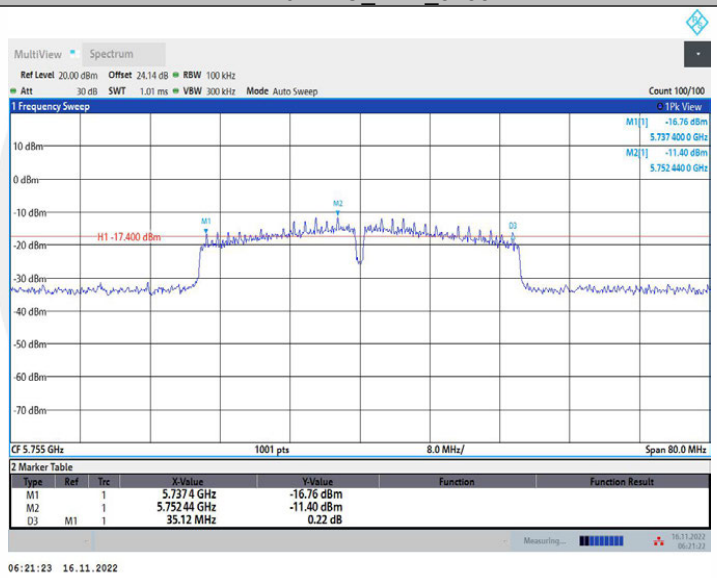


11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5755



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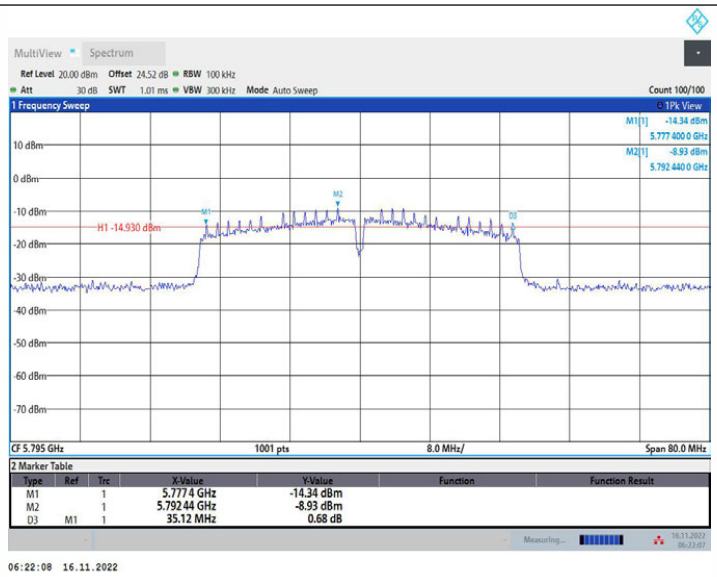
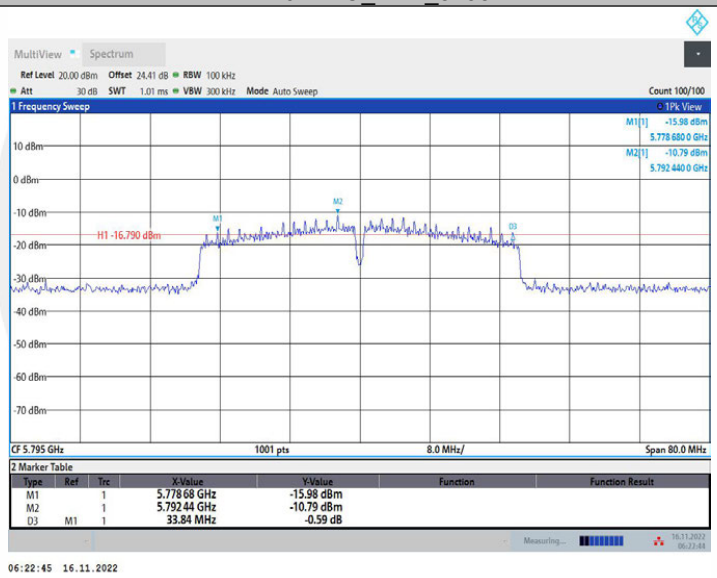


11N40MIMO_Ant1_5795



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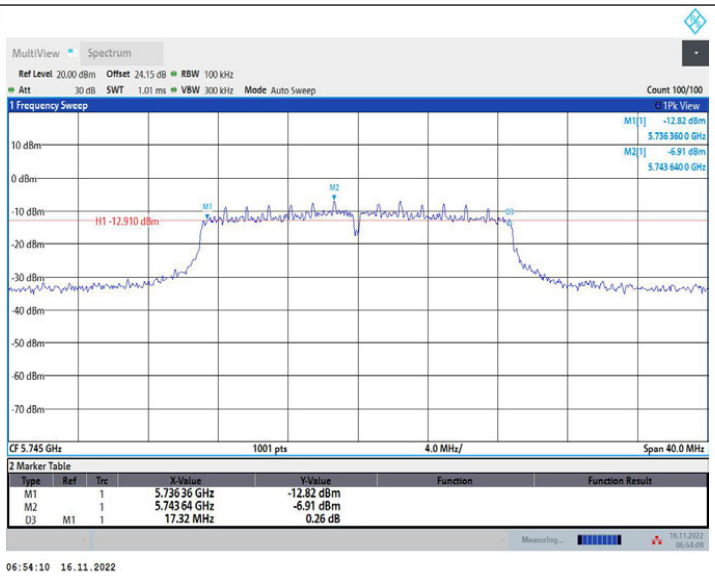

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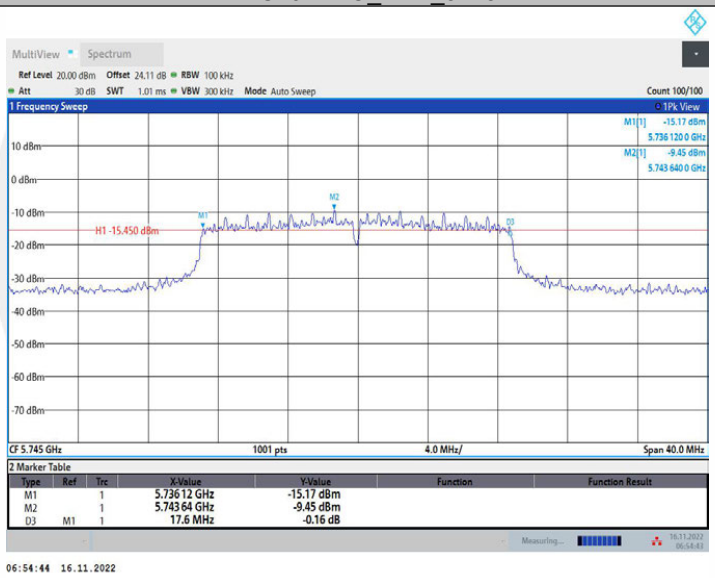

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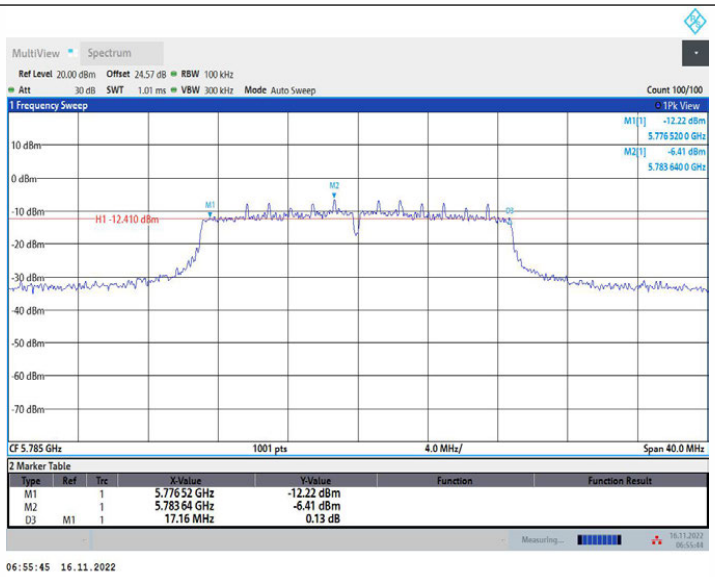

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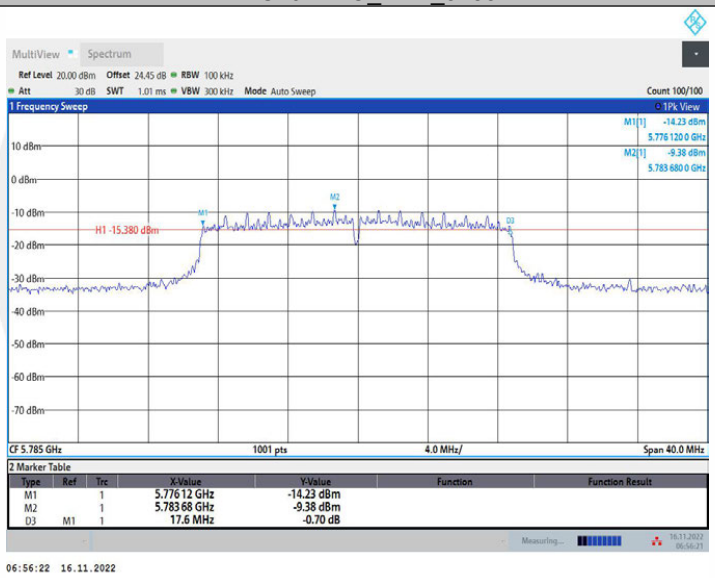

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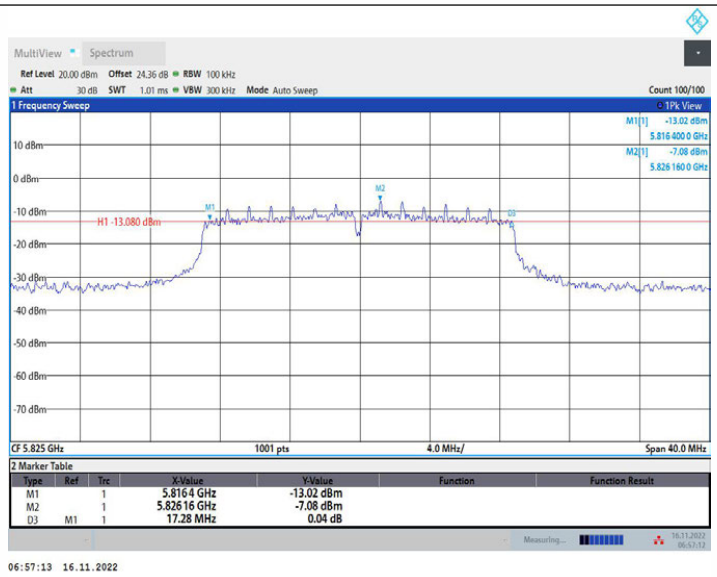
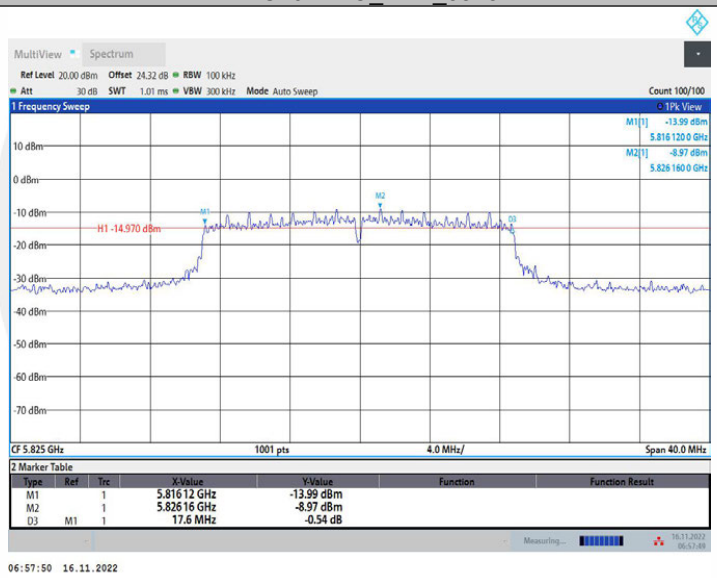
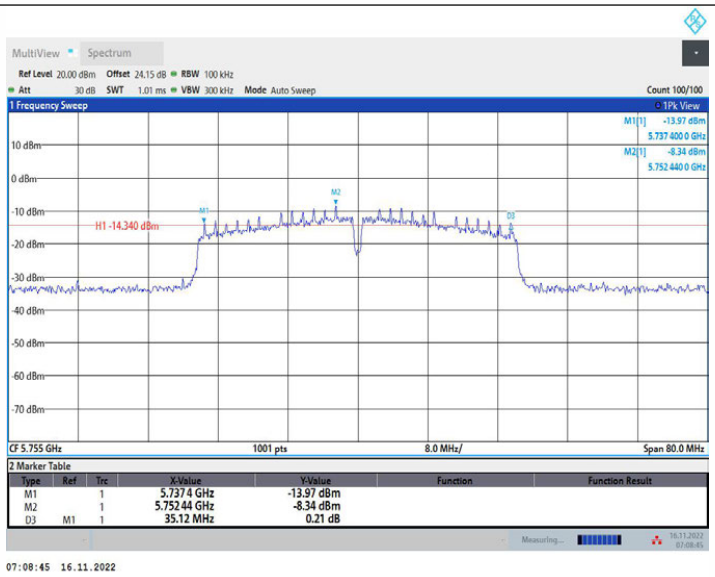


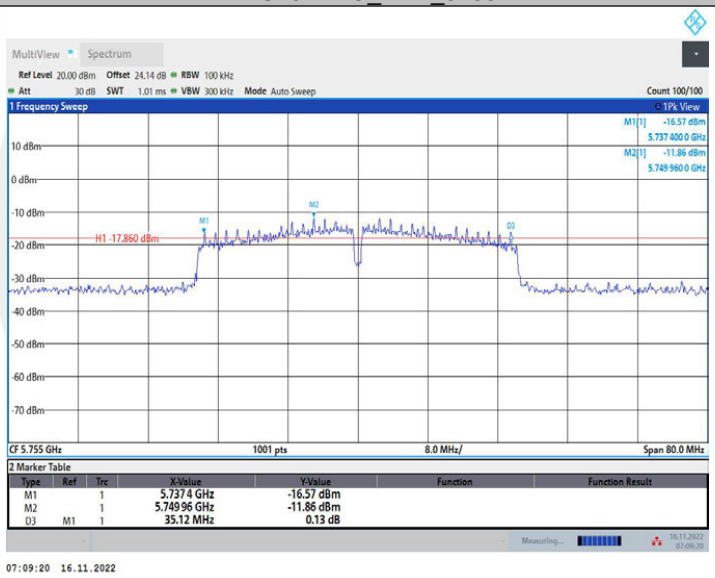
11AC20MIMO_Ant1_5825



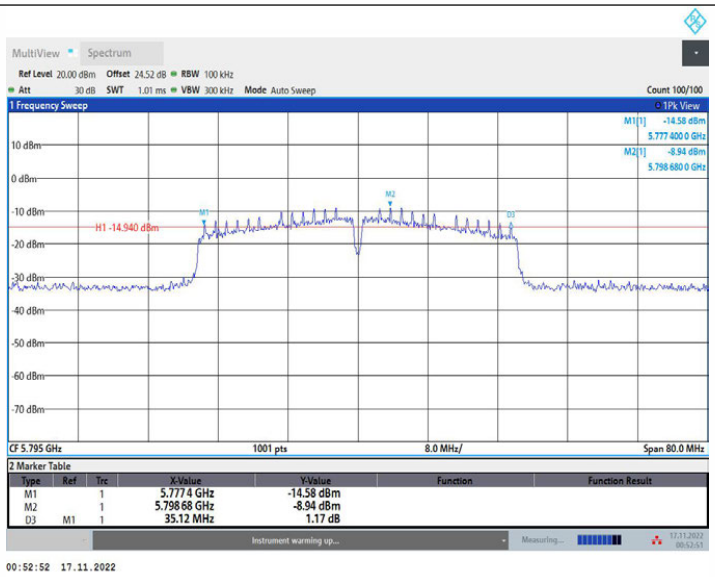
11AC20MIMO_Ant2_5825



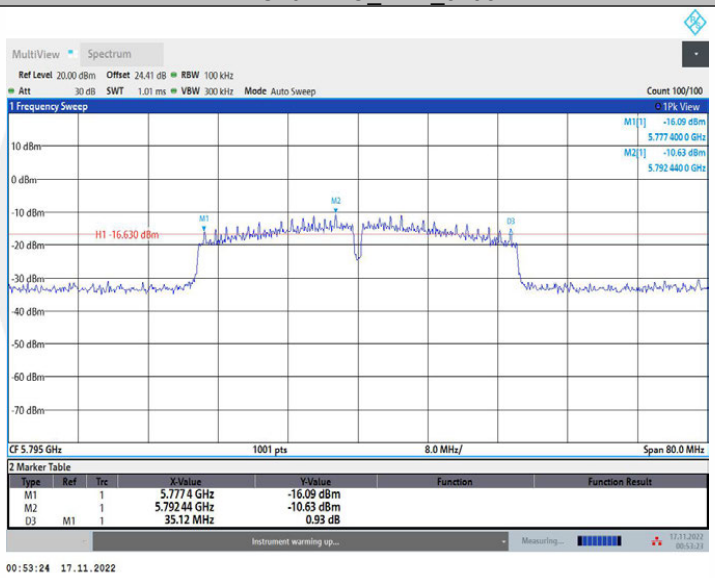
11AC40MIMO_Ant1_5755



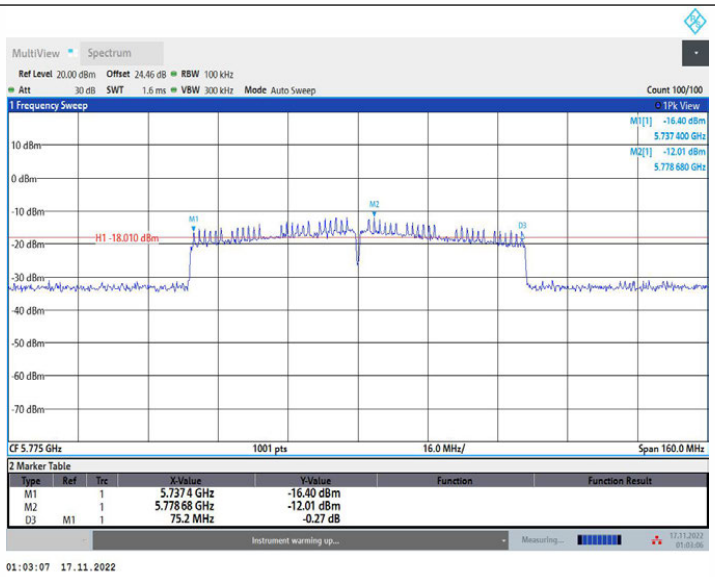
11AC40MIMO_Ant2_5755



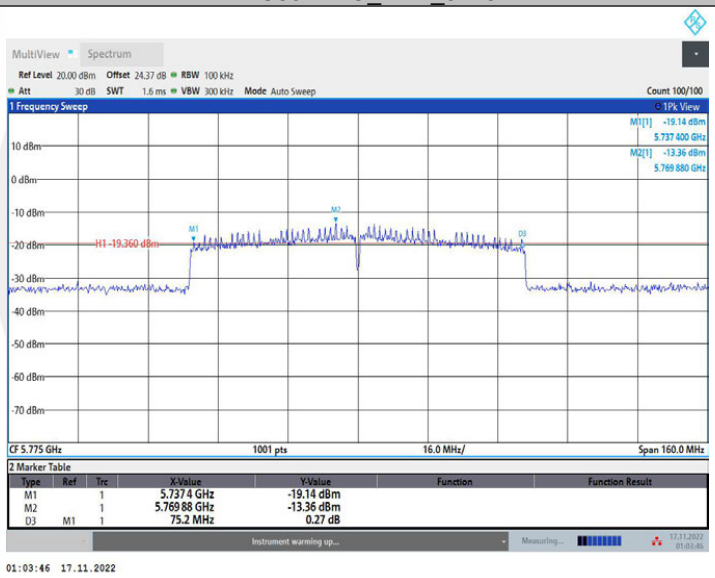
11AC40MIMO_Ant1_5795



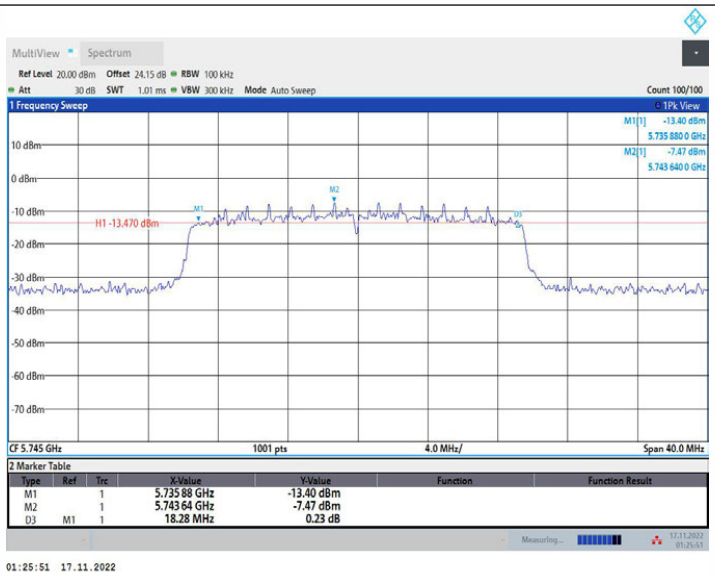
11AC40MIMO_Ant2_5795



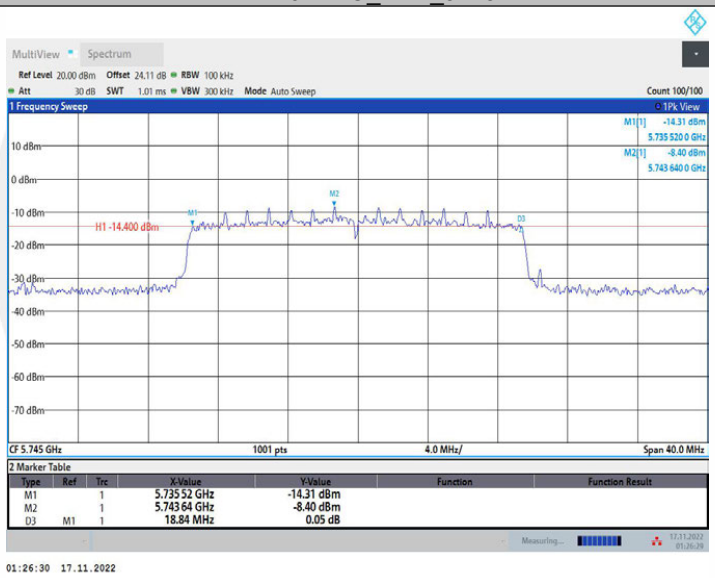
11AC80MIMO_Ant1_5775



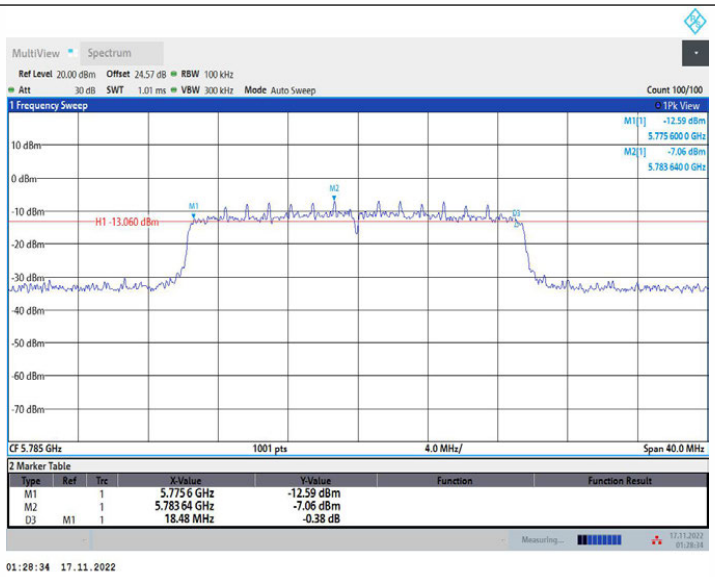
11AC80MIMO_Ant2_5775



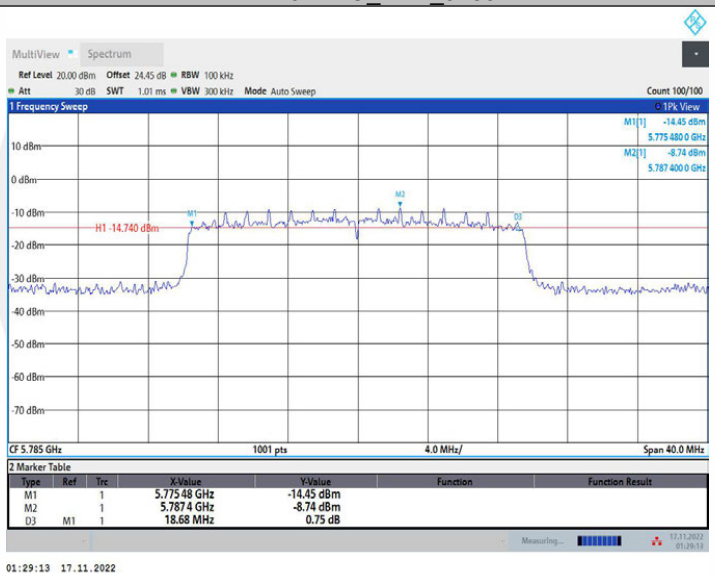
11AX20MIMO_Ant1_5745



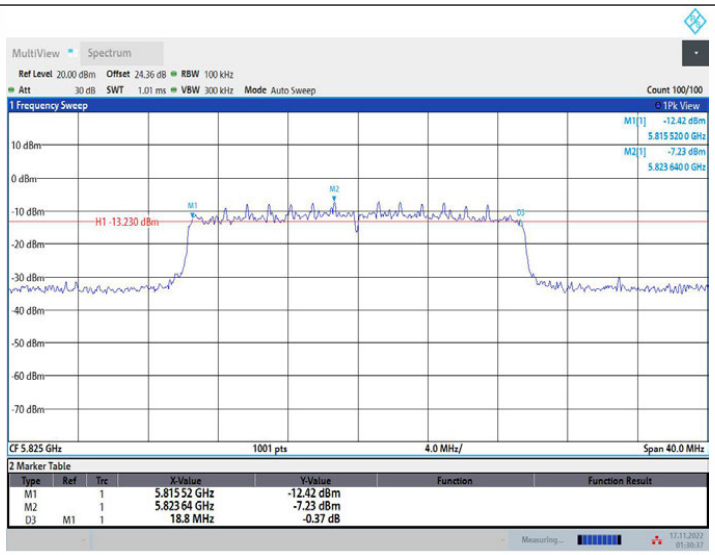
11AX20MIMO_Ant2_5745



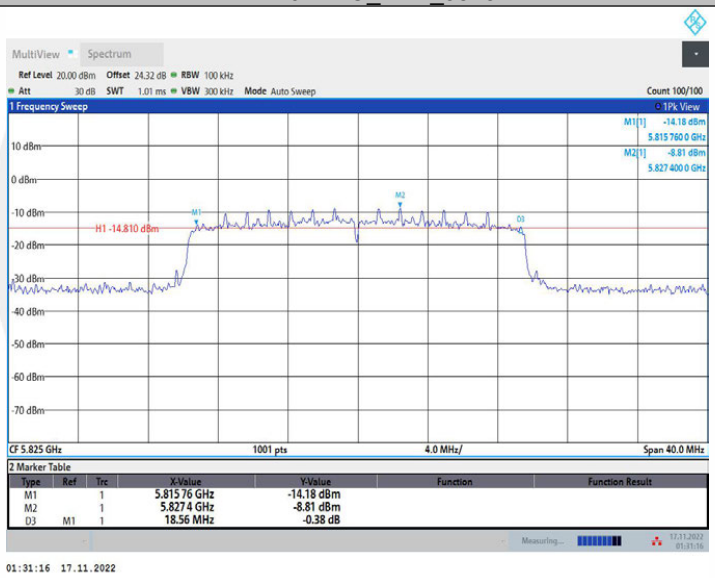
11AX20MIMO_Ant1_5785



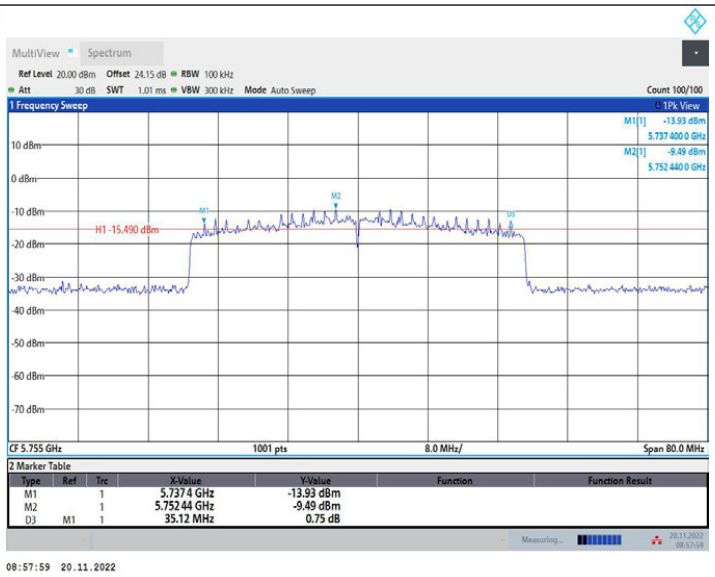
11AX20MIMO_Ant2_5785



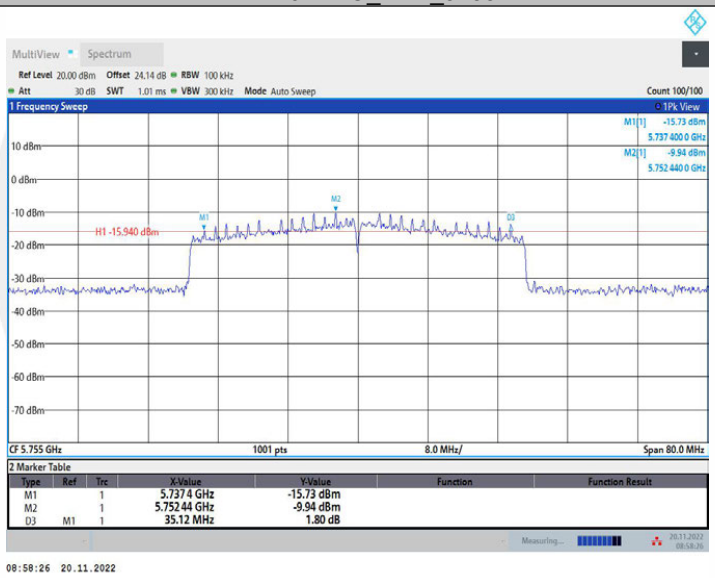
11AX20MIMO_Ant1_5825



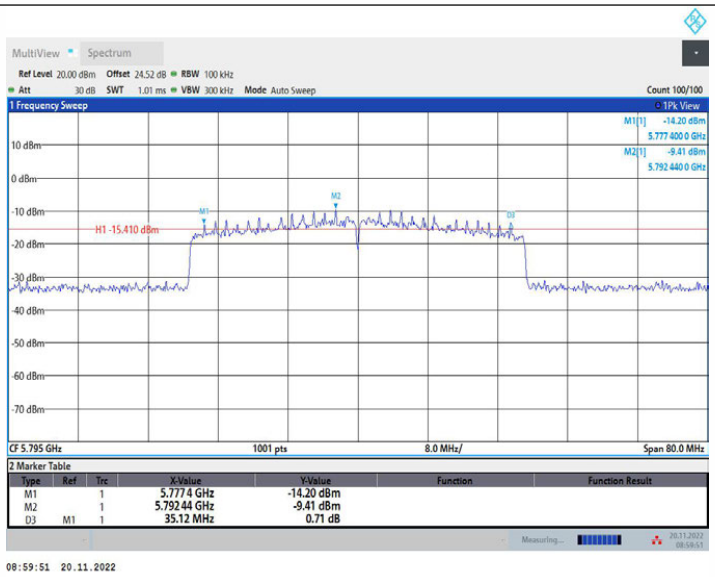
11AX20MIMO_Ant2_5825



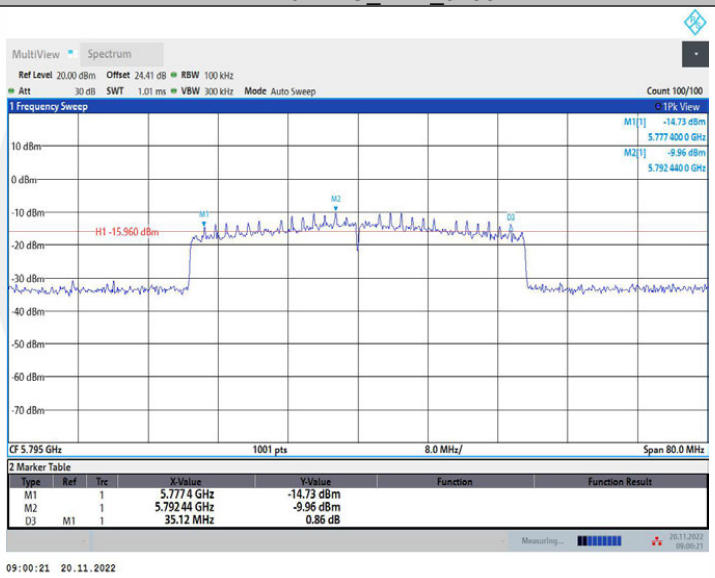
11AX40MIMO_Ant1_5755



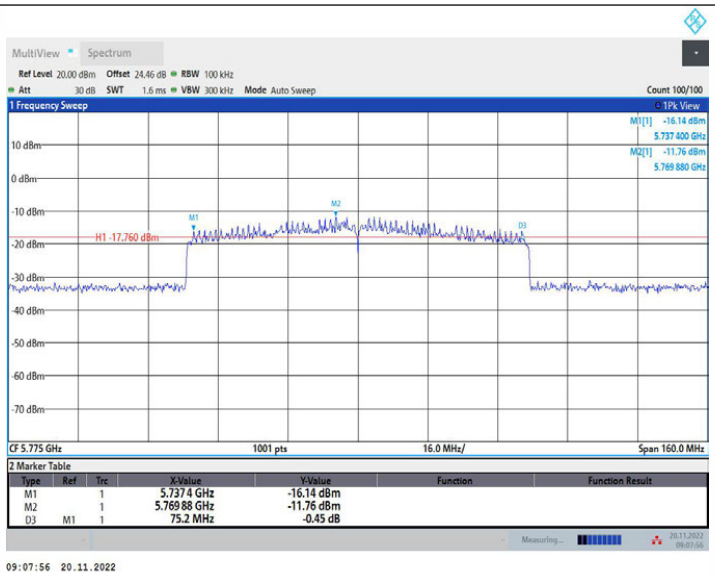
11AX40MIMO_Ant2_5755



11AX40MIMO_Ant1_5795



11AX40MIMO_Ant2_5795



11AX80MIMO_Ant1_5775

11AX80MIMO_Ant2_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 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.

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

8.2.5 Test Results

Test Mode	Antenna	Frequency[MHz]	Channel Powert [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	9.52	85.80	0.67	10.19	≤23.05	3.92	14.11	---	PASS
	Ant2	5180	9.80	85.80	0.67	10.47	≤23.05	3.92	14.39	---	PASS
	Ant1	5200	9.39	85.28	0.69	10.08	≤23.05	3.92	14.00	---	PASS
	Ant2	5200	9.45	85.28	0.69	10.14	≤23.05	3.92	14.06	---	PASS
	Ant1	5240	9.94	85.28	0.69	10.63	≤23.05	3.92	14.55	---	PASS
	Ant2	5240	9.81	85.89	0.66	10.47	≤23.05	3.92	14.39	---	PASS
	Ant1	5260	9.67	85.80	0.67	10.34	≤23.05	3.92	14.26	≤26.06	PASS
	Ant2	5260	9.51	85.28	0.69	10.20	≤23.05	3.92	14.12	≤26.06	PASS
	Ant1	5280	9.53	82.74	0.82	10.35	≤23.05	3.92	14.27	≤26.06	PASS
	Ant2	5280	9.36	85.80	0.67	10.03	≤23.05	3.92	13.95	≤26.06	PASS
	Ant1	5320	9.63	85.80	0.67	10.30	≤23.05	3.92	14.22	≤26.06	PASS
	Ant2	5320	9.87	85.89	0.66	10.53	≤23.05	3.92	14.45	≤26.06	PASS
	Ant1	5500	5.94	85.28	0.69	6.63	≤23.05	3.92	10.55	≤26.06	PASS
	Ant2	5500	5.84	85.80	0.67	6.51	≤23.05	3.92	10.43	≤26.06	PASS
	Ant1	5580	6.43	85.80	0.67	7.10	≤23.05	3.92	11.02	≤26.06	PASS
	Ant2	5580	6.49	85.80	0.67	7.16	≤23.05	3.92	11.08	≤26.06	PASS
	Ant1	5700	5.46	85.80	0.67	6.13	≤23.05	3.92	10.05	≤26.06	PASS
	Ant2	5700	3.80	85.80	0.67	4.47	≤23.05	3.92	8.39	≤26.06	PASS
	Ant1	5745	2.88	85.89	0.66	3.54	≤29.07	3.92	7.46	---	PASS
	Ant2	5745	1.95	85.8	0.67	2.62	≤29.0	3.92	6.54	---	PASS

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	Ant1	5785	3.08	85.80	0.67	3.75	≤29.07	3.92	7.67	---	PASS
	Ant2	5785	2.55	85.80	0.67	3.22	≤29.07	3.92	7.14	---	PASS
	Ant1	5825	3.00	85.28	0.69	3.69	≤29.07	3.92	7.61	---	PASS
	Ant2	5825	2.26	85.80	0.67	2.93	≤29.07	3.92	6.85	---	PASS
11N20 MIMO	Ant1	5180	10.00	84.42	0.74	10.74	≤23.05	3.92	14.66	---	PASS
	Ant2	5180	9.98	84.97	0.71	10.69	≤23.05	3.92	14.61	---	PASS
	total	5180	---	---	---	13.73	≤23.05	---	17.65	---	PASS
	Ant1	5200	10.04	84.97	0.71	10.75	≤23.05	3.92	14.67	---	PASS
	Ant2	5200	9.82	84.42	0.74	10.56	≤23.05	3.92	14.48	---	PASS
	total	5200	---	---	---	13.67	≤23.05	---	17.59	---	PASS
	Ant1	5240	10.55	84.42	0.74	11.29	≤23.05	3.92	15.21	---	PASS
	Ant2	5240	10.16	84.42	0.74	10.90	≤23.05	3.92	14.82	---	PASS
	total	5240	---	---	---	14.11	≤23.05	---	18.03	---	PASS
	Ant1	5260	10.12	84.42	0.74	10.86	≤23.05	3.92	14.78	≤26.06	PASS
	Ant2	5260	10.07	84.97	0.71	10.78	≤23.05	3.92	14.70	≤26.06	PASS
	total	5260	---	---	---	13.83	≤23.05	---	17.75	≤26.06	PASS
	Ant1	5280	9.81	84.97	0.71	10.52	≤23.05	3.92	14.44	≤26.06	PASS
	Ant2	5280	10.08	84.97	0.71	10.79	≤23.05	3.92	14.71	≤26.06	PASS
	total	5280	---	---	---	13.67	≤23.05	---	17.59	≤26.06	PASS
	Ant1	5320	9.84	84.97	0.71	10.55	≤23.05	3.92	14.47	≤26.06	PASS
	Ant2	5320	10.45	84.42	0.74	11.19	≤23.05	3.92	15.11	≤26.06	PASS
	total	5320	---	---	---	13.89	≤23.05	---	17.81	≤26.06	PASS
	Ant1	5500	6.20	84.97	0.71	6.91	≤23.05	3.92	10.83	≤26.06	PASS
	Ant2	5500	6.21	84.97	0.71	6.92	≤23.05	3.92	10.84	≤26.06	PASS
	total	5500	---	---	---	9.93	≤23.05	---	13.85	≤26.06	PASS
	Ant1	5580	6.90	84.42	0.74	7.64	≤23.05	3.92	11.56	≤26.06	PASS
	Ant2	5580	6.99	84.42	0.74	7.73	≤23.05	3.92	11.65	≤26.06	PASS
	total	5580	---	---	---	10.70	≤23.0	---	14.6	≤26.0	PASS

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	Ant1	5700	5.89	84.97	0.71	6.60	≤23.05	3.92	10.52	≤26.06	PASS
	Ant2	5700	4.33	84.42	0.74	5.07	≤23.05	3.92	8.99	≤26.06	PASS
	total	5700	---	---	---	8.91	≤23.05	---	12.83	≤26.06	PASS
	Ant1	5745	3.25	84.97	0.71	3.96	≤29.07	3.92	7.88	---	PASS
	Ant2	5745	2.81	84.97	0.71	3.52	≤29.07	3.92	7.44	---	PASS
	total	5745	---	---	---	6.76	≤29.07	---	10.68	---	PASS
	Ant1	5785	3.70	84.42	0.74	4.44	≤29.07	3.92	8.36	---	PASS
	Ant2	5785	3.01	84.97	0.71	3.72	≤29.07	3.92	7.64	---	PASS
	total	5785	---	---	---	7.11	≤29.07	---	11.03	---	PASS
	Ant1	5825	3.36	84.97	0.71	4.07	≤29.07	3.92	7.99	---	PASS
	Ant2	5825	3.03	84.97	0.71	3.74	≤29.07	3.92	7.66	---	PASS
	total	5825	---	---	---	6.92	≤29.07	---	10.84	---	PASS
11N40 MIMO	Ant1	5190	9.55	73.86	1.32	10.87	≤23.05	3.92	14.79	---	PASS
	Ant2	5190	9.25	72.73	1.38	10.63	≤23.05	3.92	14.55	---	PASS
	total	5190	---	---	---	13.76	≤23.05	---	17.68	---	PASS
	Ant1	5230	9.62	73.86	1.32	10.94	≤23.05	3.92	14.86	---	PASS
	Ant2	5230	9.09	73.86	1.32	10.41	≤23.05	3.92	14.33	---	PASS
	total	5230	---	---	---	13.69	≤23.05	---	17.61	---	PASS
	Ant1	5270	9.41	72.73	1.38	10.79	≤23.05	3.92	14.71	≤26.06	PASS
	Ant2	5270	9.20	72.73	1.38	10.58	≤23.05	3.92	14.50	≤26.06	PASS
	total	5270	---	---	---	13.70	≤23.05	---	17.62	≤26.06	PASS
	Ant1	5310	9.13	71.43	1.46	10.59	≤23.05	3.92	14.51	≤26.06	PASS
	Ant2	5310	9.45	73.86	1.32	10.77	≤23.05	3.92	14.69	≤26.06	PASS
	total	5310	---	---	---	13.69	≤23.05	---	17.61	≤26.06	PASS
	Ant1	5510	5.44	73.86	1.32	6.76	≤23.05	3.92	10.68	≤26.06	PASS
	Ant2	5510	5.34	72.73	1.38	6.72	≤23.05	3.92	10.64	≤26.06	PASS
	total	5510	---	---	---	9.75	≤23.05	---	13.67	≤26.06	PASS
	Ant1	5550	5.76	73.8	1.32	7.08	≤23.0	3.92	11.0	≤26.0	PASS

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	Ant2	5550	5.41	73.86	1.32	6.73	≤23.05	3.92	10.65	≤26.06	PASS
	total	5550	---	---	---	9.92	≤23.05	---	13.84	≤26.06	PASS
	Ant1	5670	4.62	72.73	1.38	6.00	≤23.05	3.92	9.92	≤26.06	PASS
	Ant2	5670	3.23	73.86	1.32	4.55	≤23.05	3.92	8.47	≤26.06	PASS
	total	5670	---	---	---	8.35	≤23.05	---	12.27	≤26.06	PASS
	Ant1	5755	3.33	71.11	1.48	4.81	≤29.07	3.92	8.73	---	PASS
	Ant2	5755	1.85	73.86	1.32	3.17	≤29.07	3.92	7.09	---	PASS
	total	5755	---	---	---	7.08	≤29.07	---	11.00	---	PASS
	Ant1	5795	3.17	73.86	1.32	4.49	≤29.07	3.92	8.41	---	PASS
	Ant2	5795	2.51	73.86	1.32	3.83	≤29.07	3.92	7.75	---	PASS
	total	5795	---	---	---	7.18	≤29.07	---	11.10	---	PASS
11AC20MIMO	Ant1	5180	9.31	74.73	1.27	10.58	≤23.05	3.92	14.50	---	PASS
	Ant2	5180	9.33	74.73	1.27	10.60	≤23.05	3.92	14.52	---	PASS
	total	5180	---	---	---	13.60	≤23.05	---	17.52	---	PASS
	Ant1	5200	9.24	74.73	1.27	10.51	≤23.05	3.92	14.43	---	PASS
	Ant2	5200	9.25	73.91	1.31	10.56	≤23.05	3.92	14.48	---	PASS
	total	5200	---	---	---	13.55	≤23.05	---	17.47	---	PASS
	Ant1	5240	10.33	73.91	1.31	11.64	≤23.05	3.92	15.56	---	PASS
	Ant2	5240	9.52	37.57	4.25	13.77	≤23.05	3.92	17.69	---	PASS
	total	5240	---	---	---	15.84	≤23.05	---	19.76	---	PASS
	Ant1	5260	9.46	72.34	1.41	10.87	≤23.05	3.92	14.79	≤26.06	PASS
	Ant2	5260	9.38	73.91	1.31	10.69	≤23.05	3.92	14.61	≤26.06	PASS
	total	5260	---	---	---	13.79	≤23.05	---	17.71	≤26.06	PASS
	Ant1	5280	9.34	74.73	1.27	10.61	≤23.05	3.92	14.53	≤26.06	PASS
	Ant2	5280	9.46	73.91	1.31	10.77	≤23.05	3.92	14.69	≤26.06	PASS
	total	5280	---	---	---	13.70	≤23.05	---	17.62	≤26.06	PASS
	Ant1	5320	9.38	74.73	1.27	10.65	≤23.05	3.92	14.57	≤26.06	PASS
	Ant2	5320	9.88	74.7	1.27	11.15	≤23.0	3.92	15.0	≤26.0	PASS

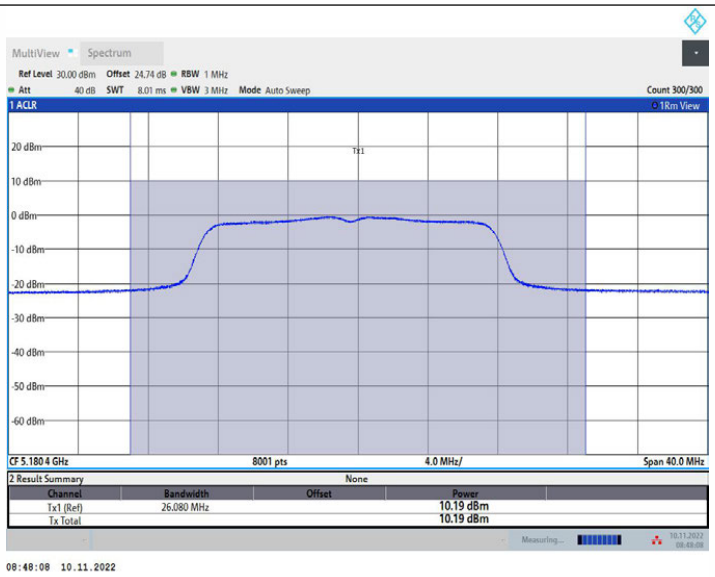
				3			5		7	6	
	total	5320	---	---	---	13.92	≤23.05	---	17.84	≤26.06	PASS
	Ant1	5500	5.56	73.91	1.31	6.87	≤23.05	3.92	10.79	≤26.06	PASS
	Ant2	5500	5.58	74.73	1.27	6.85	≤23.05	3.92	10.77	≤26.06	PASS
	total	5500	---	---	---	9.87	≤23.05	---	13.79	≤26.06	PASS
	Ant1	5580	6.33	73.91	1.31	7.64	≤23.05	3.92	11.56	≤26.06	PASS
	Ant2	5580	6.48	74.73	1.27	7.75	≤23.05	3.92	11.67	≤26.06	PASS
	total	5580	---	---	---	10.71	≤23.05	---	14.63	≤26.06	PASS
	Ant1	5700	5.03	73.91	1.31	6.34	≤23.05	3.92	10.26	≤26.06	PASS
	Ant2	5700	3.74	73.91	1.31	5.05	≤23.05	3.92	8.97	≤26.06	PASS
	total	5700	---	---	---	8.75	≤23.05	---	12.67	≤26.06	PASS
	Ant1	5745	2.92	74.73	1.27	4.19	≤29.07	3.92	8.11	---	PASS
	Ant2	5745	1.82	73.91	1.31	3.13	≤29.07	3.92	7.05	---	PASS
	total	5745	---	---	---	6.70	≤29.07	---	10.62	---	PASS
	Ant1	5785	3.12	74.73	1.27	4.39	≤29.07	3.92	8.31	---	PASS
	Ant2	5785	2.32	74.73	1.27	3.59	≤29.07	3.92	7.51	---	PASS
	total	5785	---	---	---	7.02	≤29.07	---	10.94	---	PASS
	Ant1	5825	2.82	72.34	1.41	4.23	≤29.07	3.92	8.15	---	PASS
	Ant2	5825	2.56	74.73	1.27	3.83	≤29.07	3.92	7.75	---	PASS
	total	5825	---	---	---	7.04	≤29.07	---	10.96	---	PASS
11AC40MIMO	Ant1	5190	7.98	60.34	2.19	10.17	≤23.05	3.92	14.09	---	PASS
	Ant2	5190	8.07	59.32	2.27	10.34	≤23.05	3.92	14.26	---	PASS
	total	5190	---	---	---	13.27	≤23.05	---	17.19	---	PASS
	Ant1	5230	8.27	60.34	2.19	10.46	≤23.05	3.92	14.38	---	PASS
	Ant2	5230	8.02	59.32	2.27	10.29	≤23.05	3.92	14.21	---	PASS
	total	5230	---	---	---	13.39	≤23.05	---	17.31	---	PASS
	Ant1	5270	8.30	56.45	2.48	10.78	≤23.05	3.92	14.70	≤26.06	PASS
	Ant2	5270	8.24	60.00	2.22	10.46	≤23.05	3.92	14.38	≤26.06	PASS
	total	5270	---	---	---	13.63	≤23.0	---	17.5	≤26.0	PASS

							5		5	6	
	Ant1	5310	8.22	60.34	2.19	10.41	≤23.05	3.92	14.33	≤26.06	PASS
	Ant2	5310	8.60	59.32	2.27	10.87	≤23.05	3.92	14.79	≤26.06	PASS
	total	5310	---	---	---	13.66	≤23.05	---	17.58	≤26.06	PASS
	Ant1	5510	4.63	60.34	2.19	6.82	≤23.05	3.92	10.74	≤26.06	PASS
	Ant2	5510	4.62	61.02	2.15	6.77	≤23.05	3.92	10.69	≤26.06	PASS
	total	5510	---	---	---	9.81	≤23.05	---	13.73	≤26.06	PASS
	Ant1	5550	4.94	59.32	2.27	7.21	≤23.05	3.92	11.13	≤26.06	PASS
	Ant2	5550	4.73	59.32	2.27	7.00	≤23.05	3.92	10.92	≤26.06	PASS
	total	5550	---	---	---	10.12	≤23.05	---	14.04	≤26.06	PASS
	Ant1	5670	3.88	59.32	2.27	6.15	≤23.05	3.92	10.07	≤26.06	PASS
	Ant2	5670	2.57	59.32	2.27	4.84	≤23.05	3.92	8.76	≤26.06	PASS
	total	5670	---	---	---	8.55	≤23.05	---	12.47	≤26.06	PASS
	Ant1	5755	2.33	58.33	2.34	4.67	≤29.07	3.92	8.59	---	PASS
	Ant2	5755	1.12	58.33	2.34	3.46	≤29.07	3.92	7.38	---	PASS
	total	5755	---	---	---	7.12	≤29.07	---	11.04	---	PASS
	Ant1	5795	2.15	60.34	2.19	4.34	≤29.07	3.92	8.26	---	PASS
	Ant2	5795	1.54	59.32	2.27	3.81	≤29.07	3.92	7.73	---	PASS
	total	5795	---	---	---	7.09	≤29.07	---	11.01	---	PASS
11AC80MIMO	Ant1	5210	6.80	44.19	3.55	10.35	≤23.05	3.92	14.27	---	PASS
	Ant2	5210	6.81	42.86	3.68	10.49	≤23.05	3.92	14.41	---	PASS
	total	5210	---	---	---	13.43	≤23.05	---	17.35	---	PASS
	Ant1	5290	7.93	58.93	2.30	10.23	≤23.05	3.92	14.15	≤26.06	PASS
	Ant2	5290	8.05	58.93	2.30	10.35	≤23.05	3.92	14.27	≤26.06	PASS
	total	5290	---	---	---	13.30	≤23.05	---	17.22	≤26.06	PASS
	Ant1	5530	4.91	57.14	2.43	7.34	≤23.05	3.92	11.26	≤26.06	PASS
	Ant2	5530	4.85	57.14	2.43	7.28	≤23.05	3.92	11.20	≤26.06	PASS
	total	5530	---	---	---	10.32	≤23.05	---	14.24	≤26.06	PASS
	Ant1	5610	5.38	57.1	2.43	7.81	≤23.0	3.92	11.7	≤26.0	PASS

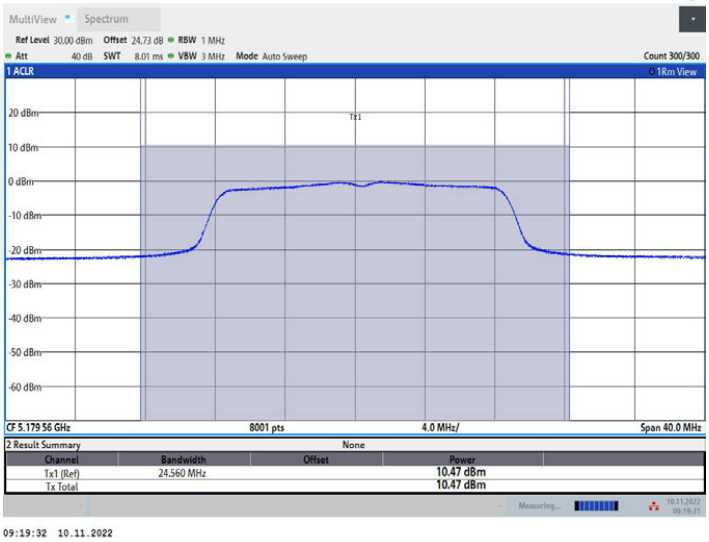
				4			5		3	6	
	Ant2	5610	5.35	58.93	2.30	7.65	≤23.05	3.92	11.57	≤26.06	PASS
	total	5610	---	---	---	10.74	≤23.05	---	14.66	≤26.06	PASS
	Ant1	5775	2.62	58.93	2.30	4.92	29.07	3.92	8.84	---	PASS
	Ant2	5775	2.10	57.14	2.43	4.53	29.07	3.92	8.45	---	PASS
	total	5775	---	---	---	7.74	29.07	---	11.66	---	PASS
11AX20MIMO	Ant1	5180	8.46	58.49	2.33	10.79	≤23.98	3.92	14.71	---	PASS
	Ant2	5180	8.68	57.41	2.41	11.09	≤23.98	3.92	15.01	---	PASS
	total	5180	---	---	---	13.95	≤23.98	---	17.87	---	PASS
	Ant1	5200	8.47	58.49	2.33	10.80	≤23.98	3.92	14.72	---	PASS
	Ant2	5200	9.18	58.18	2.35	11.53	≤23.98	3.92	15.45	---	PASS
	total	5200	---	---	---	14.19	≤23.98	---	18.11	---	PASS
	Ant1	5240	8.84	57.41	2.41	11.25	≤23.98	3.92	15.17	---	PASS
	Ant2	5240	8.71	58.49	2.33	11.04	≤23.98	3.92	14.96	---	PASS
	total	5240	---	---	---	14.16	≤23.98	---	18.08	---	PASS
	Ant1	5260	8.75	58.49	2.33	11.08	≤23.98	3.92	15.00	≤26.06	PASS
	Ant2	5260	8.58	58.49	2.33	10.91	≤23.98	3.92	14.83	≤26.06	PASS
	total	5260	---	---	---	14.01	≤23.98	---	17.93	≤26.06	PASS
	Ant1	5280	8.56	60.38	2.19	10.75	≤23.98	3.92	14.67	≤26.06	PASS
	Ant2	5280	8.66	58.18	2.35	11.01	≤23.98	3.92	14.93	≤26.06	PASS
	total	5280	---	---	---	13.89	≤23.98	---	17.81	≤26.06	PASS
	Ant1	5320	8.53	60.38	2.19	10.72	≤23.98	3.92	14.64	≤26.06	PASS
	Ant2	5320	9.12	60.38	2.19	11.31	≤23.98	3.92	15.23	≤26.06	PASS
	total	5320	---	---	---	14.04	≤23.98	---	17.96	≤26.06	PASS
	Ant1	5500	4.83	59.62	2.25	7.08	≤23.98	3.92	11.00	≤26.06	PASS
	Ant2	5500	4.85	57.41	2.41	7.26	≤23.98	3.92	11.18	≤26.06	PASS
	total	5500	---	---	---	10.18	≤23.98	---	14.10	≤26.06	PASS
	Ant1	5580	5.34	58.49	2.33	7.67	≤23.98	3.92	11.59	≤26.06	PASS
	Ant2	5580	5.76	59.6	2.25	8.01	≤23.9	3.92	11.9	≤26.0	PASS

				2			8		3	6	
	total	5580	---	---	---	10.85	≤23.98	---	14.77	≤26.06	PASS
	Ant1	5700	4.35	60.38	2.19	6.54	≤23.98	3.92	10.46	≤26.06	PASS
	Ant2	5700	3.05	59.62	2.25	5.30	≤23.98	3.92	9.22	≤26.06	PASS
	total	5700	---	---	---	8.97	≤23.98	---	12.89	≤26.06	PASS
	Ant1	5745	2.03	58.49	2.33	4.36	≤29.07	3.92	8.28	---	PASS
	Ant2	5745	1.44	60.38	2.19	3.63	≤29.07	3.92	7.55	---	PASS
	total	5745	---	---	---	7.02	≤29.07	---	10.94	---	PASS
	Ant1	5785	2.28	58.49	2.33	4.61	≤29.07	3.92	8.53	---	PASS
	Ant2	5785	1.71	57.41	2.41	4.12	≤29.07	3.92	8.04	---	PASS
	total	5785	---	---	---	7.38	≤29.07	---	11.30	---	PASS
	Ant1	5825	2.16	60.38	2.19	4.35	≤29.07	3.92	8.27	---	PASS
	Ant2	5825	1.71	58.49	2.33	4.04	≤29.07	3.92	7.96	---	PASS
	total	5825	---	---	---	7.21	≤29.07	---	11.13	---	PASS
11AX40MIMO	Ant1	5190	8.17	59.62	2.25	10.42	≤23.05	3.92	14.34	---	PASS
	Ant2	5190	8.27	59.62	2.25	10.52	≤23.05	3.92	14.44	---	PASS
	total	5190	---	---	---	13.48	≤23.05	---	17.40	---	PASS
	Ant1	5230	8.41	58.49	2.33	10.74	≤23.05	3.92	14.66	---	PASS
	Ant2	5230	8.30	58.49	2.33	10.63	≤23.05	3.92	14.55	---	PASS
	total	5230	---	---	---	13.70	≤23.05	---	17.62	---	PASS
	Ant1	5270	8.50	58.49	2.33	10.83	≤23.05	3.92	14.75	≤26.06	PASS
	Ant2	5270	8.46	59.62	2.25	10.71	≤23.05	3.92	14.63	≤26.06	PASS
	total	5270	---	---	---	13.78	≤23.05	---	17.70	≤26.06	PASS
	Ant1	5310	8.46	58.49	2.33	10.79	≤23.05	3.92	14.71	≤26.06	PASS
	Ant2	5310	8.85	59.62	2.25	11.10	≤23.05	3.92	15.02	≤26.06	PASS
	total	5310	---	---	---	13.96	≤23.05	---	17.88	≤26.06	PASS
	Ant1	5510	4.81	59.62	2.25	7.06	≤23.05	3.92	10.98	≤26.06	PASS
	Ant2	5510	4.80	59.62	2.25	7.05	≤23.05	3.92	10.97	≤26.06	PASS
	total	5510	---	---	---	10.07	≤23.0	---	13.9	≤26.0	PASS

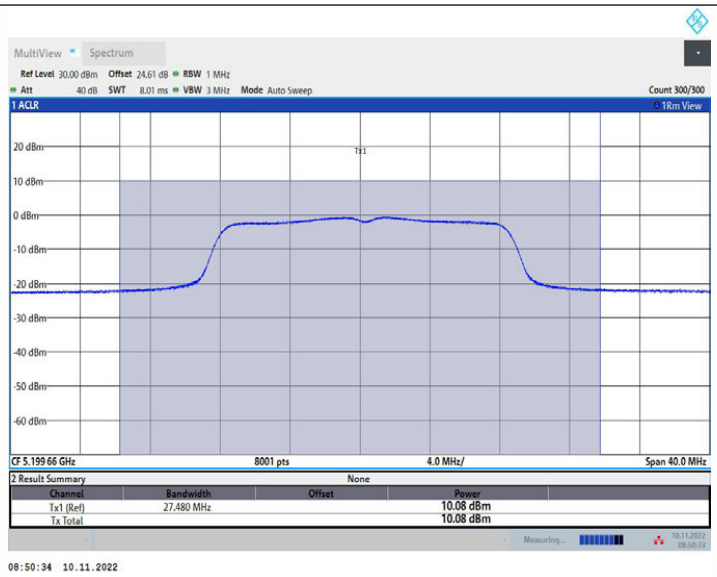
							5		9	6	
	Ant1	5550	5.01	59.62	2.25	7.26	≤23.05	3.92	11.18	≤26.06	PASS
	Ant2	5550	4.87	58.49	2.33	7.20	≤23.05	3.92	11.12	≤26.06	PASS
	total	5550	---	---	---	10.24	≤23.05	---	14.16	≤26.06	PASS
	Ant1	5670	4.03	58.49	2.33	6.36	≤23.05	3.92	10.28	≤26.06	PASS
	Ant2	5670	2.75	58.49	2.33	5.08	≤23.05	3.92	9.00	≤26.06	PASS
	total	5670	---	---	---	8.78	≤23.05	---	12.70	≤26.06	PASS
	Ant1	5755	2.51	58.49	2.33	4.84	≤29.07	3.92	8.76	---	PASS
	Ant2	5755	1.40	59.62	2.25	3.65	≤29.07	3.92	7.57	---	PASS
	total	5755	---	---	---	7.30	≤29.07	---	11.22	---	PASS
	Ant1	5795	2.37	58.49	2.33	4.70	≤29.07	3.92	8.62	---	PASS
	Ant2	5795	2.04	58.49	2.33	4.37	≤29.07	3.92	8.29	---	PASS
	total	5795	---	---	---	7.55	≤29.07	---	11.47	---	PASS
11AX80MIMO	Ant1	5210	8.11	56.60	2.47	10.58	≤23.05	3.92	14.50	---	PASS
	Ant2	5210	8.22	56.60	2.47	10.69	≤23.05	3.92	14.61	---	PASS
	total	5210	---	---	---	13.65	≤23.05	---	17.57	---	PASS
	Ant1	5290	8.06	54.72	2.62	10.68	≤23.05	3.92	14.60	≤26.06	PASS
	Ant2	5290	8.27	56.60	2.47	10.74	≤23.05	3.92	14.66	≤26.06	PASS
	total	5290	---	---	---	13.72	≤23.05	---	17.64	≤26.06	PASS
	Ant1	5530	5.04	54.72	2.62	7.66	≤23.05	3.92	11.58	≤26.06	PASS
	Ant2	5530	5.02	54.72	2.62	7.64	≤23.05	3.92	11.56	≤26.06	PASS
	total	5530	---	---	---	10.66	≤23.05	---	14.58	≤26.06	PASS
	Ant1	5610	5.51	56.60	2.47	7.98	≤23.05	3.92	11.90	≤26.06	PASS
	Ant2	5610	5.52	52.73	2.78	8.30	≤23.05	3.92	12.22	≤26.06	PASS
	total	5610	---	---	---	11.15	≤23.05	---	15.07	≤26.06	PASS
	Ant1	5775	2.67	100.00	0.00	2.67	≤29.07	3.92	6.59	---	PASS
	Ant2	5775	2.20	56.60	2.47	4.67	≤29.07	3.92	8.59	---	PASS
	total	5775	---	---	---	6.79	≤29.07	---	10.71	---	PASS



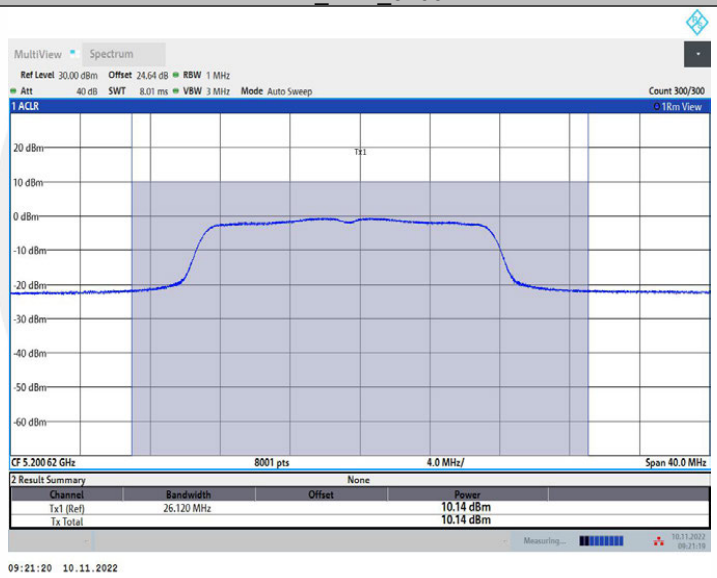
11A_Ant1_5180



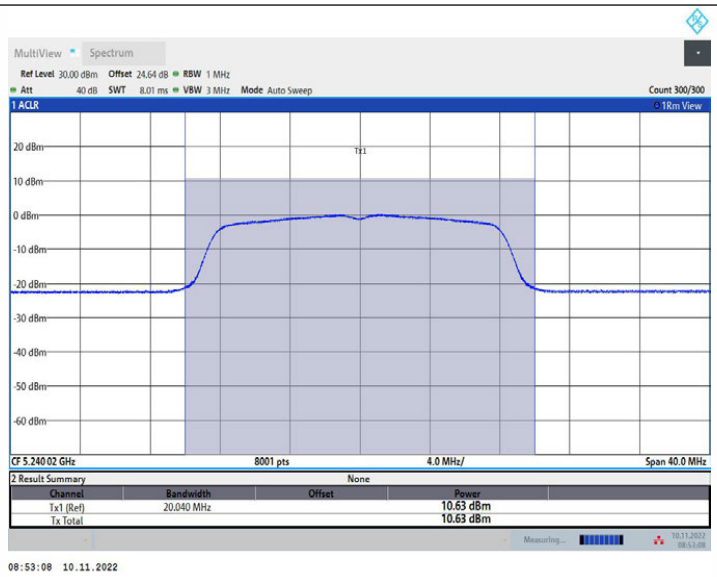
11A_Ant2_5180



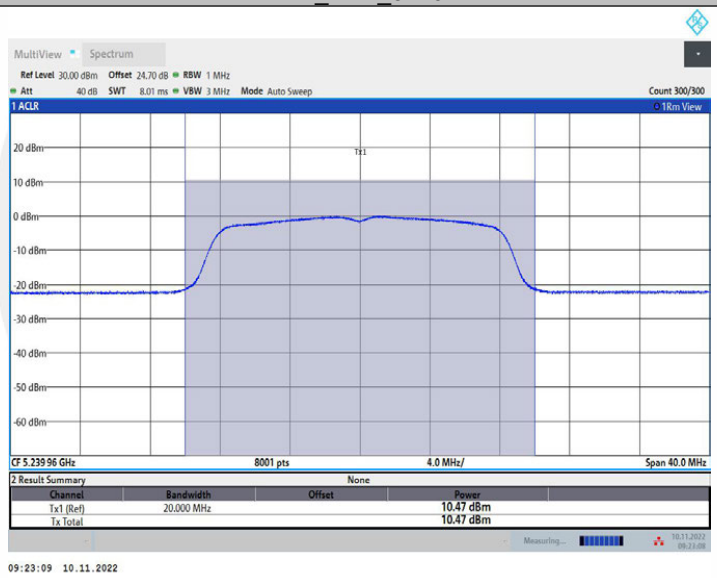
11A_Ant1_5200



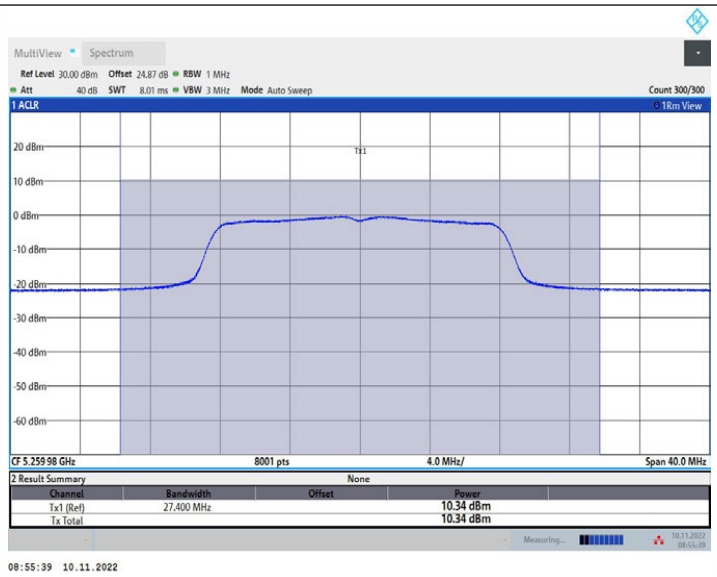
11A_Ant2_5200



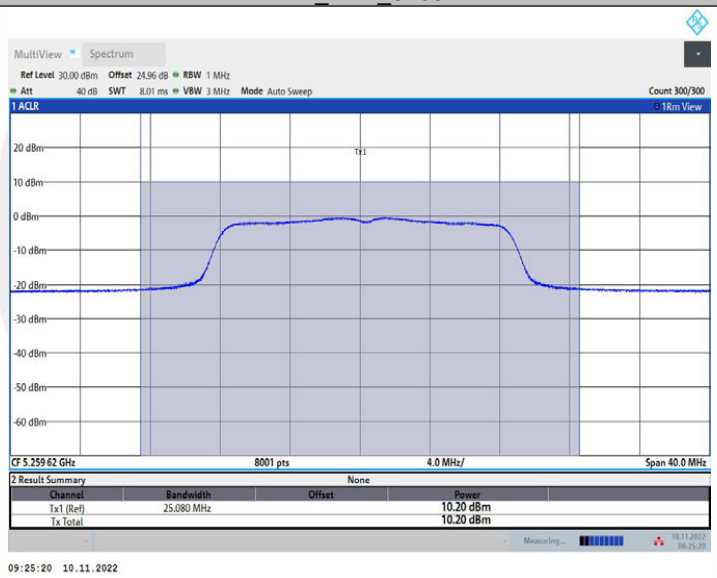
11A_Ant1_5240



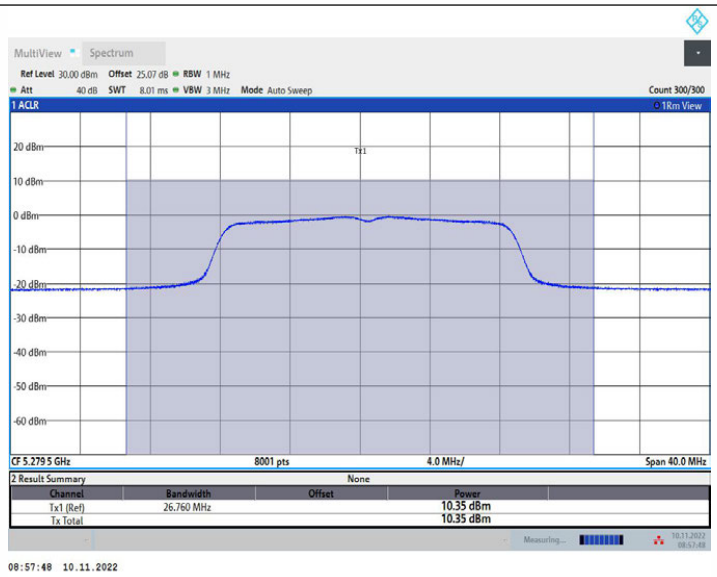
11A_Ant2_5240



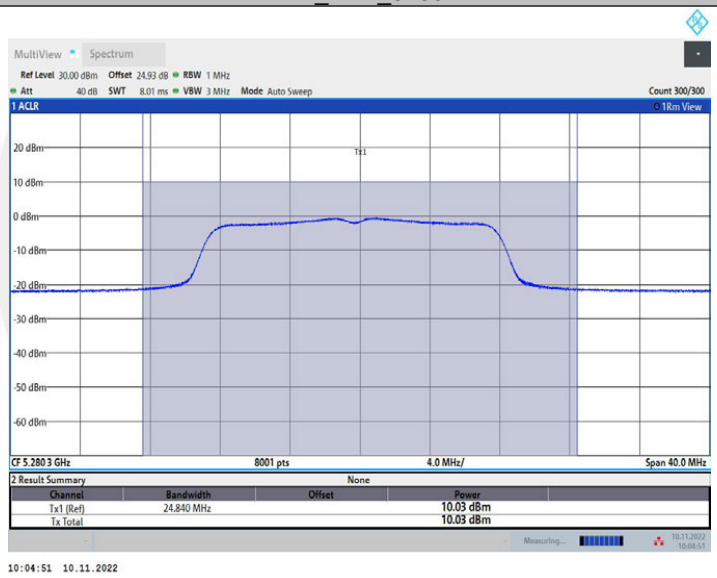
11A_Ant1_5260



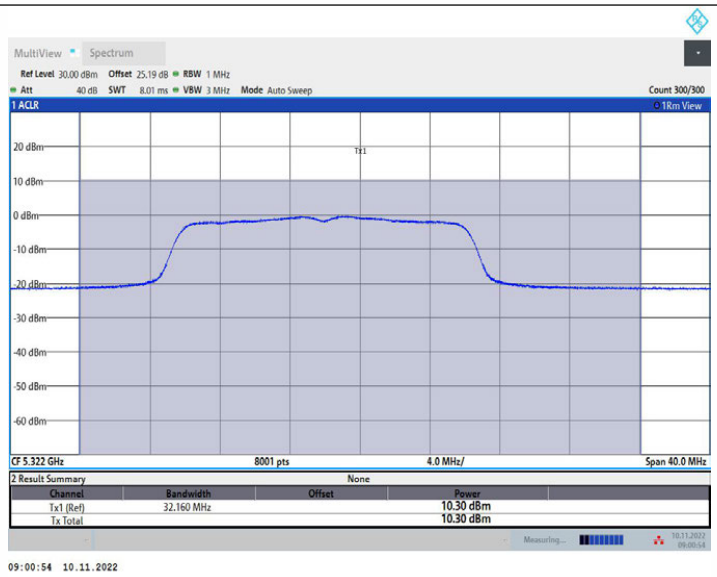
11A_Ant2_5260



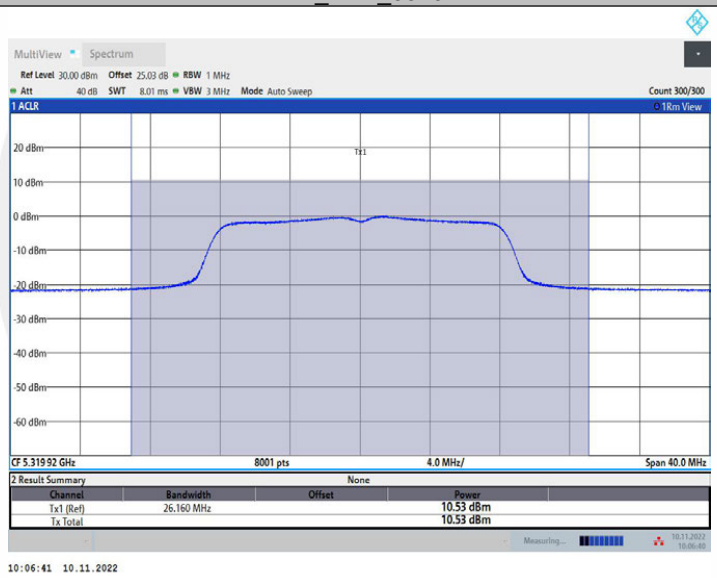
11A_Ant1_5280



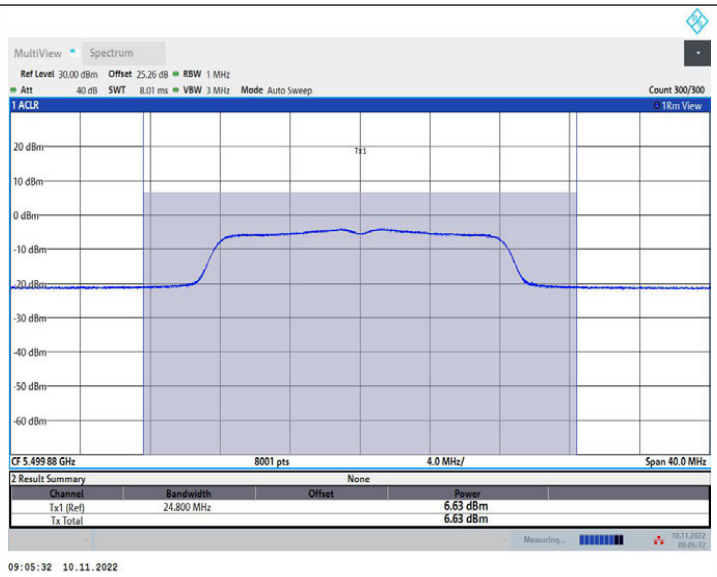
11A_Ant2_5280



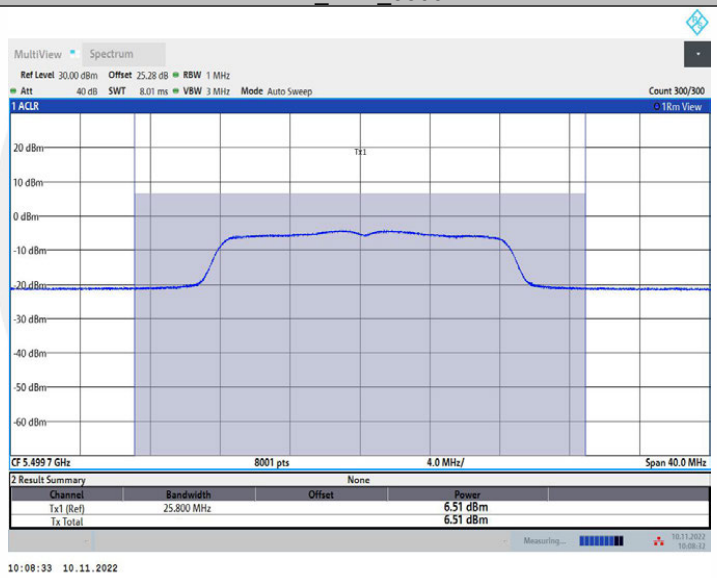
11A_Ant1_5320



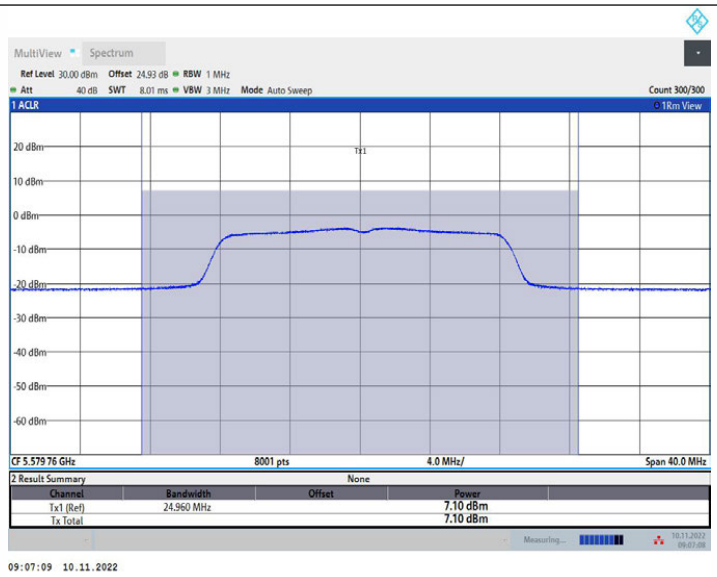
11A_Ant2_5320



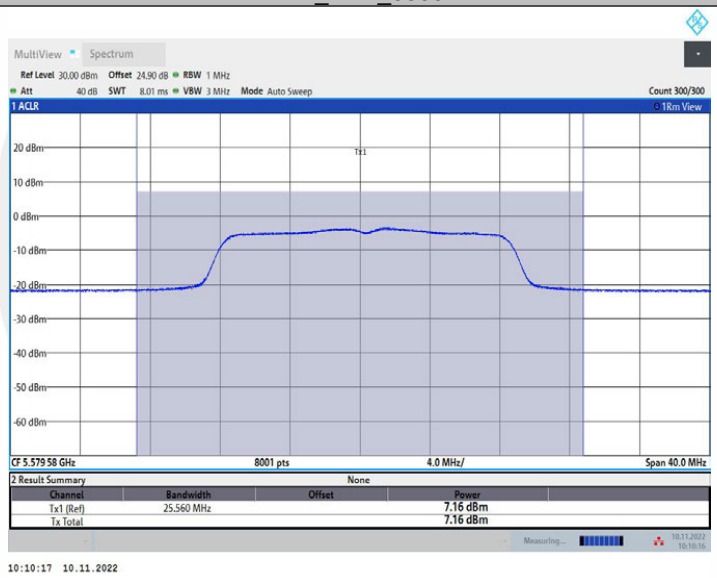
11A_Ant1_5500



11A_Ant2_5500



11A_Ant1_5580



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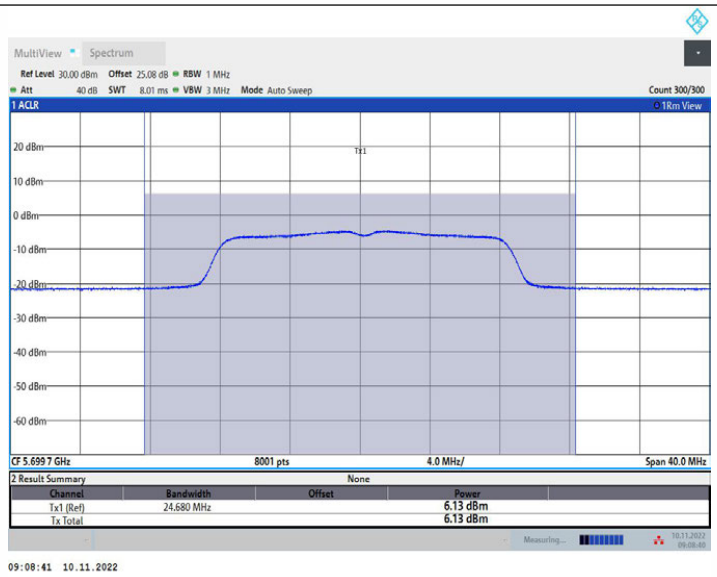

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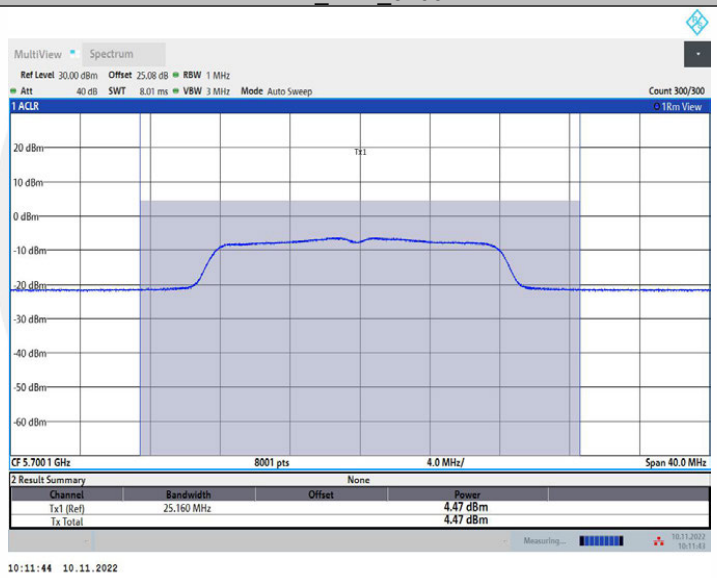

11A_Ant2_5700