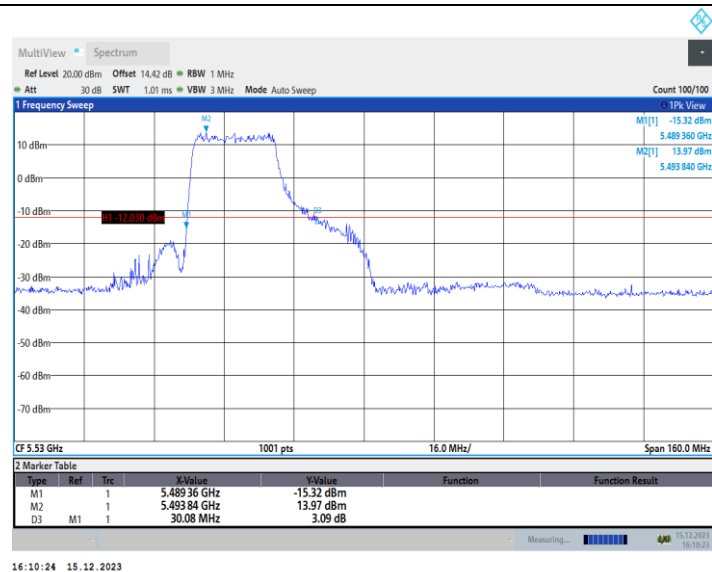
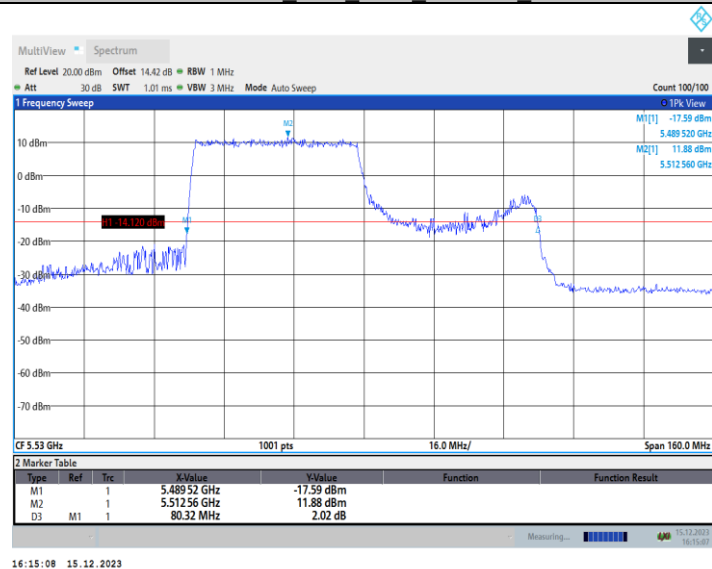
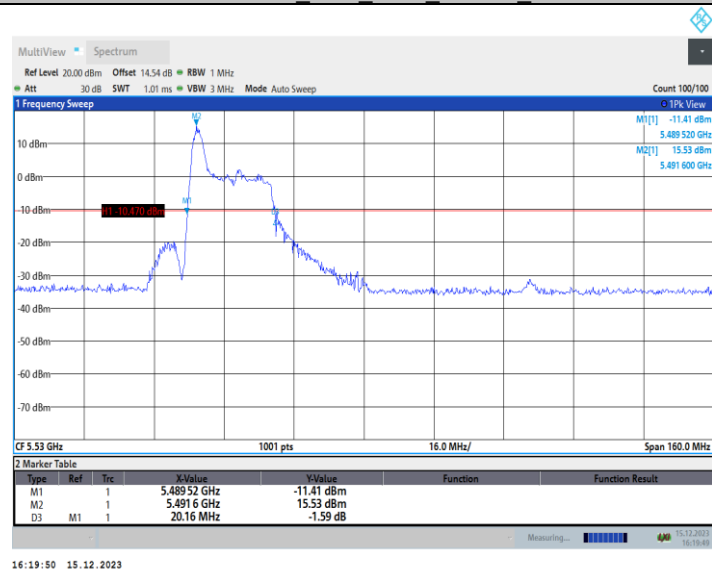




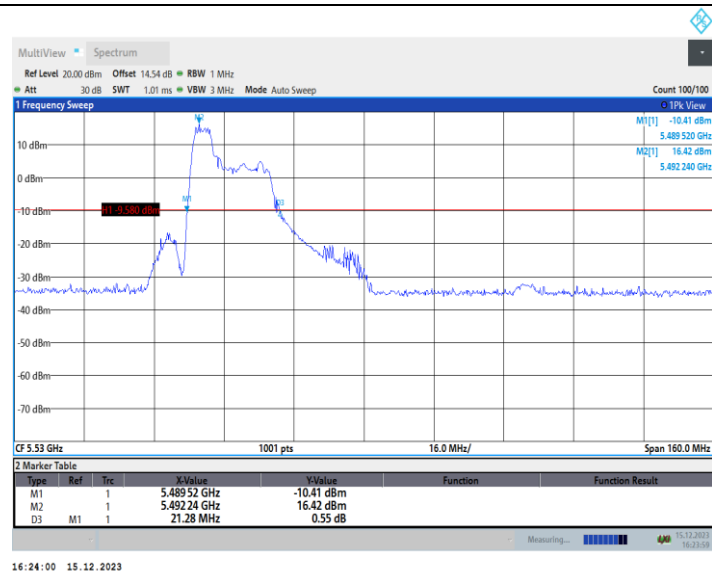
11AX80MIMO Ant1 5530 484Tone RU65



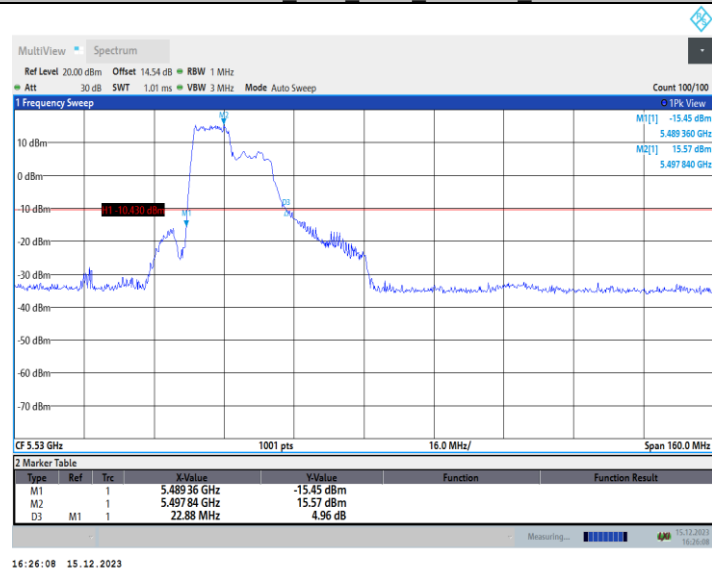
11AX80MIMO Ant2 5530 26Tone RU0



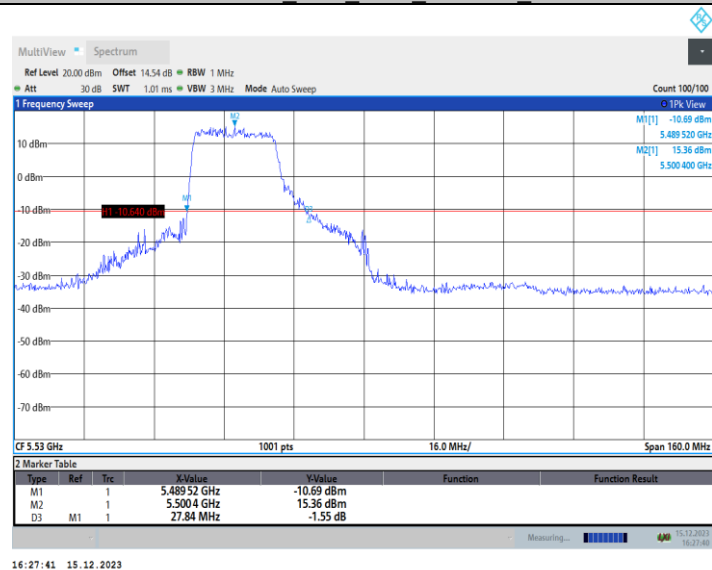
11AX80MIMO Ant2 5530 52Tone RU37



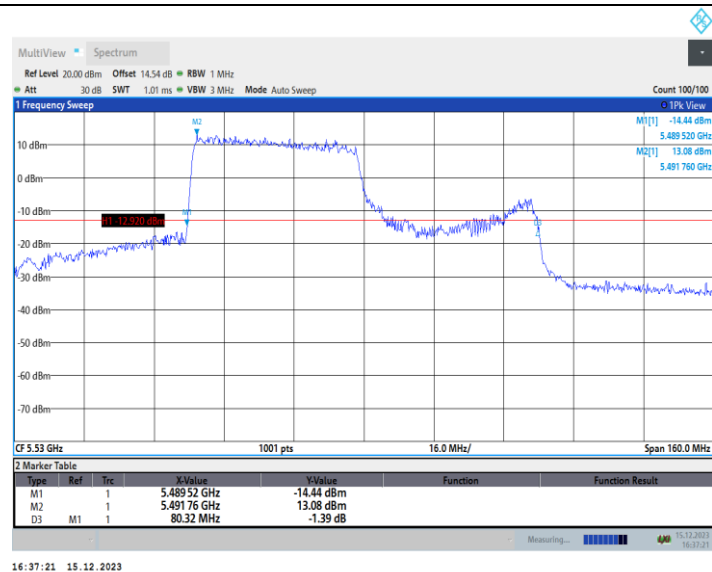
11AX80MIMO_Ant2_5530_106Tone_RU53



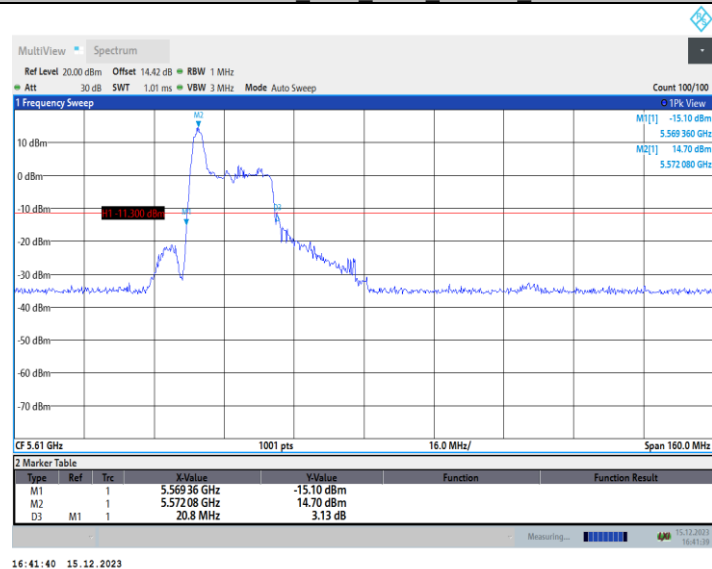
11AX80MIMO_Ant2_5530_242Tone_RU64



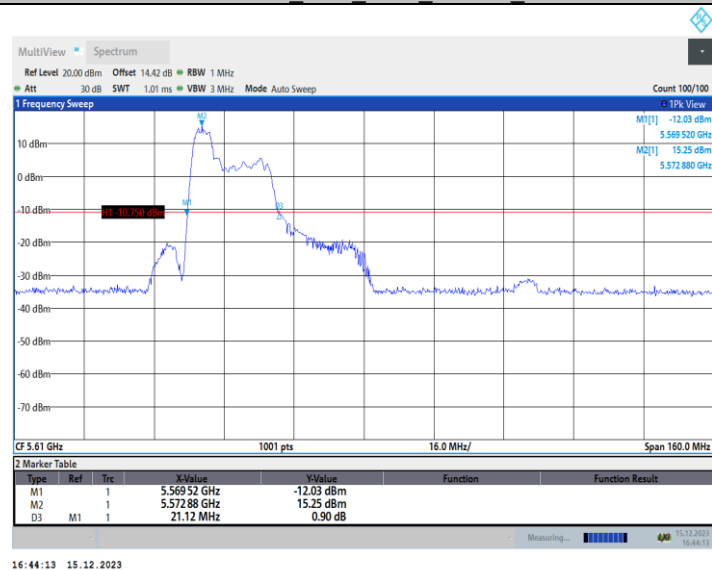
11AX80MIMO_Ant2_5530_484Tone_RU65



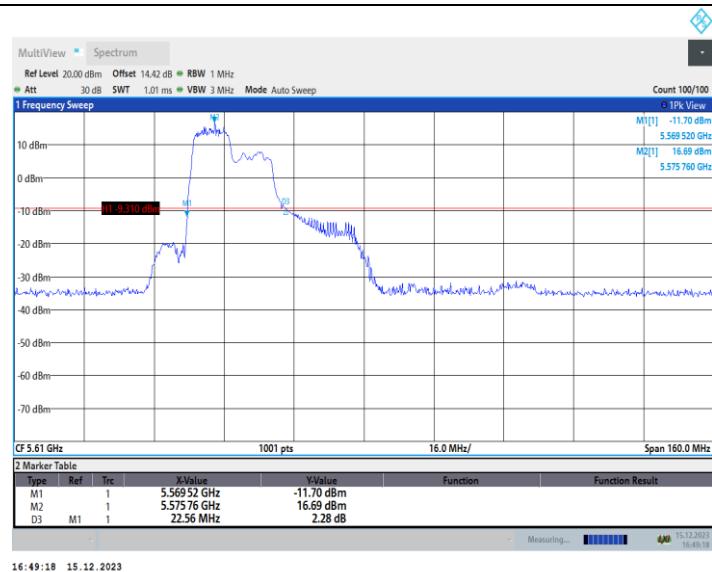
11AX80MIMO_Ant1_5610_26Tone_RU0



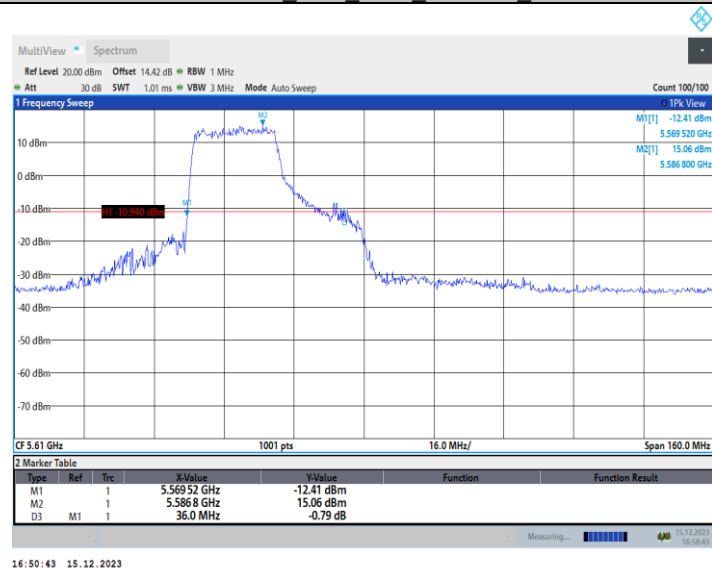
11AX80MIMO_Ant1_5610_52Tone_RU37



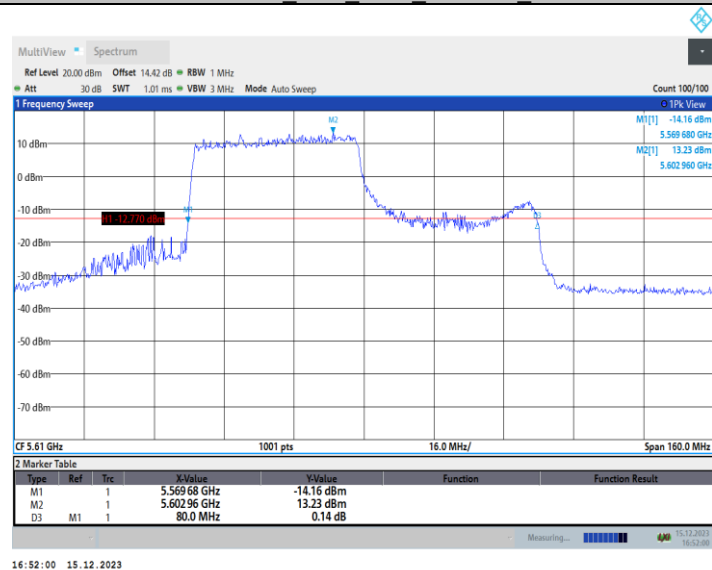
11AX80MIMO_Ant1_5610_106Tone_RU53



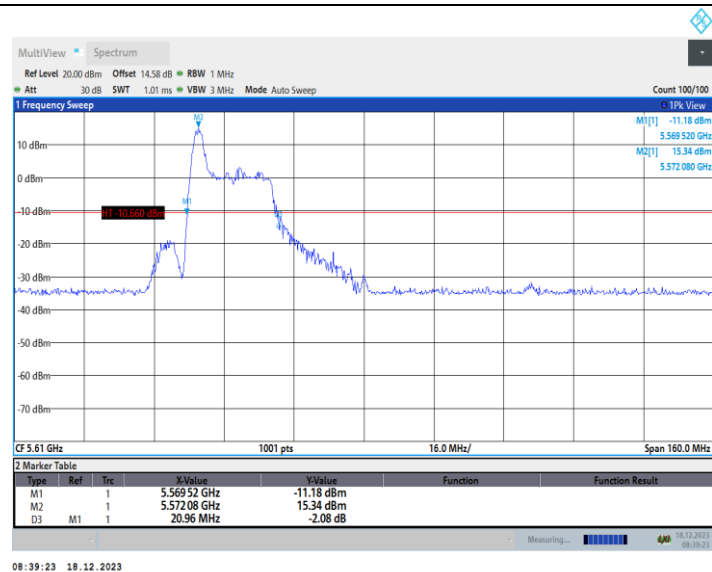
11AX80MIMO_Ant1_5610_242Tone_RU64



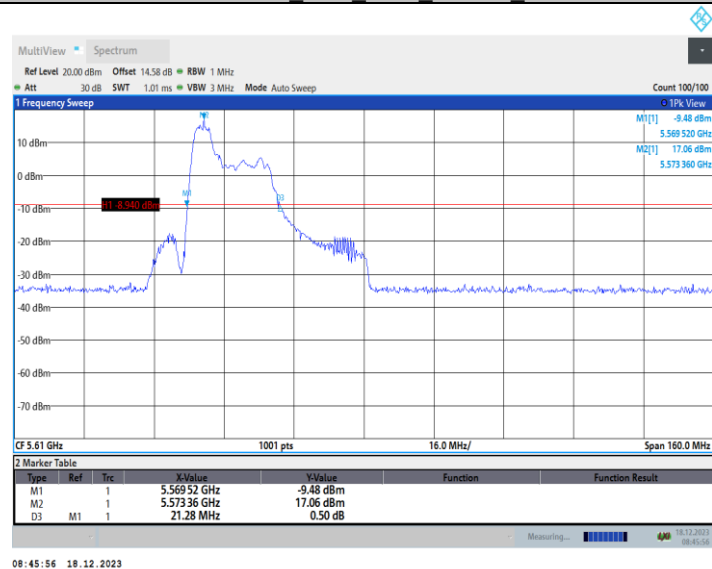
11AX80MIMO_Ant1_5610_484Tone_RU65



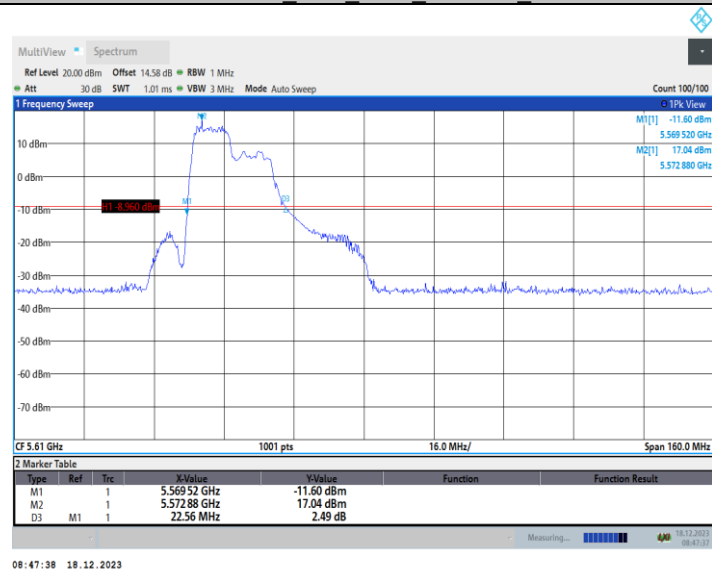
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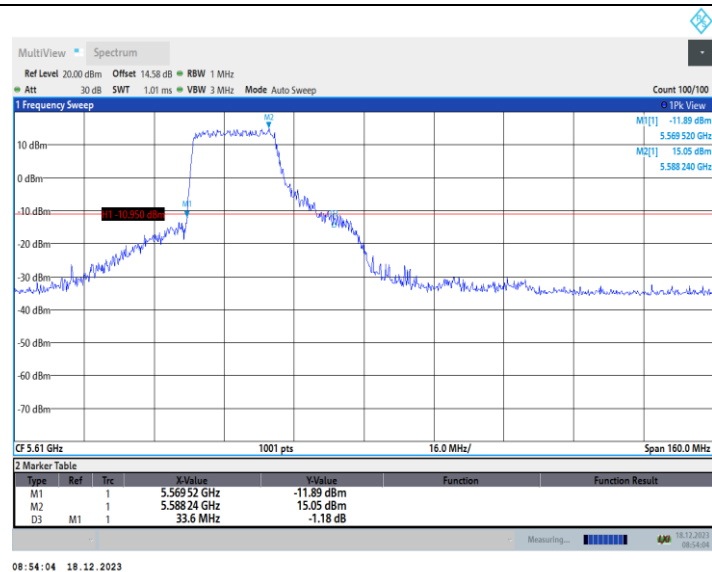
11AX80MIMO_Ant2_5610_52Tone_RU37



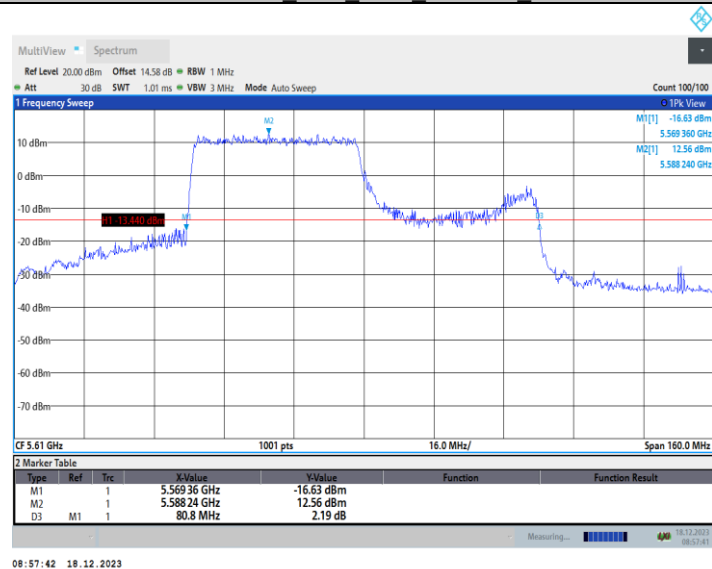
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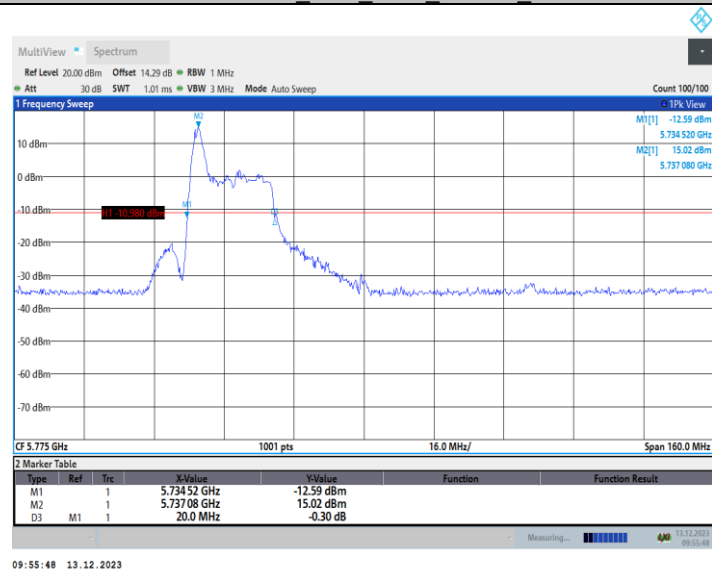
11AX80MIMO_Ant2_5610_242Tone_RU64



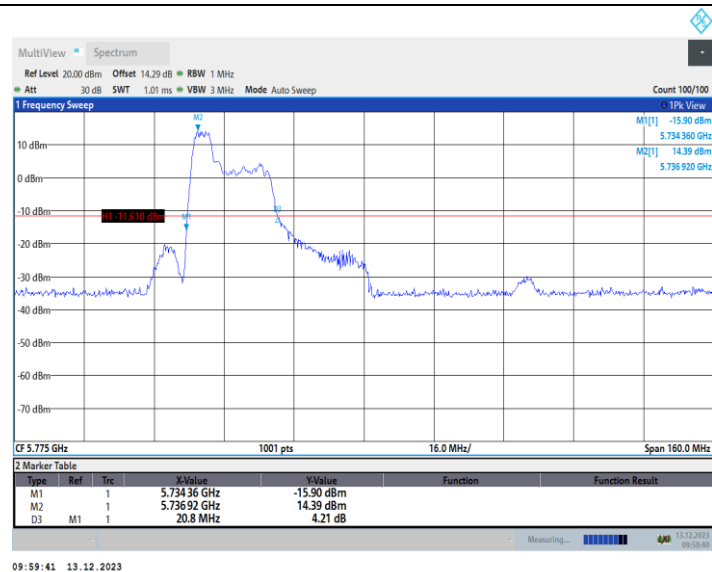
11AX80MIMO Ant2_5610_484Tone_RU65



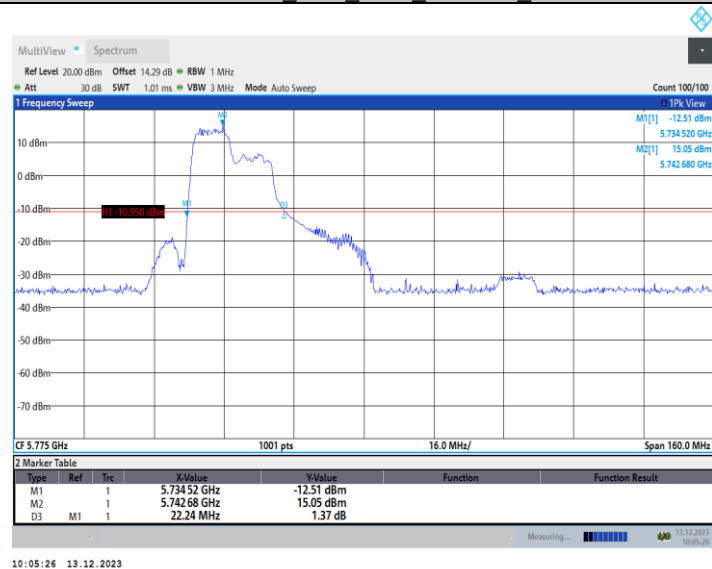
11AX80MIMO Ant1_5775_26Tone_RU0



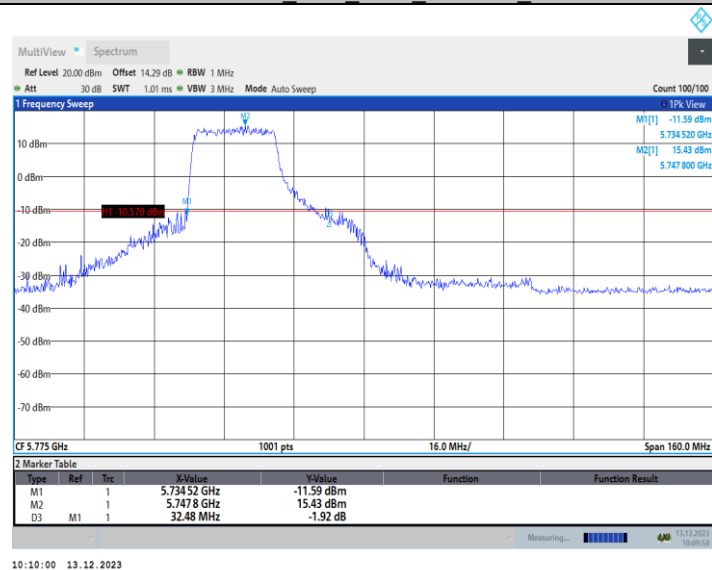
11AX80MIMO Ant1_5775_52Tone_RU37



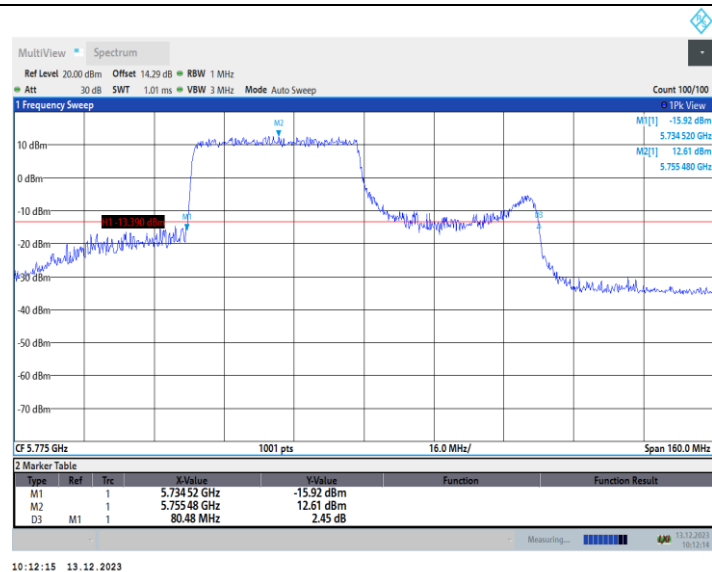
11AX80MIMO Ant1 5775 106Tone RU53



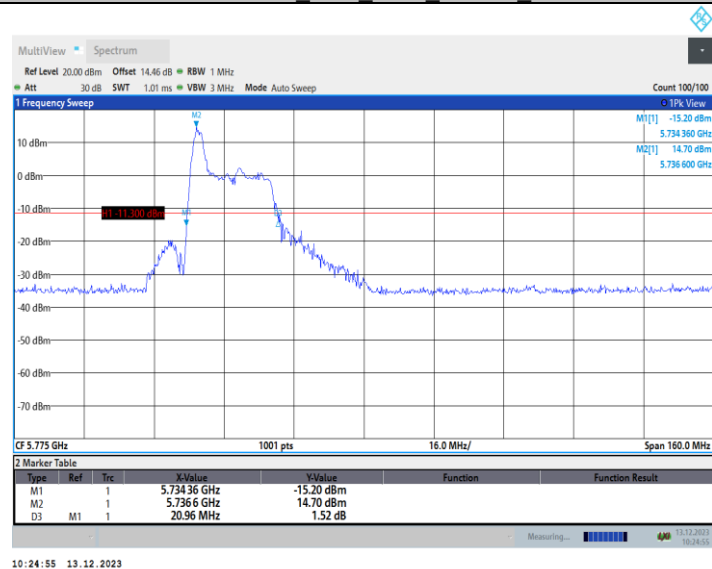
11AX80MIMO Ant1 5775 242Tone RU64



11AX80MIMO Ant1 5775 484Tone RU65



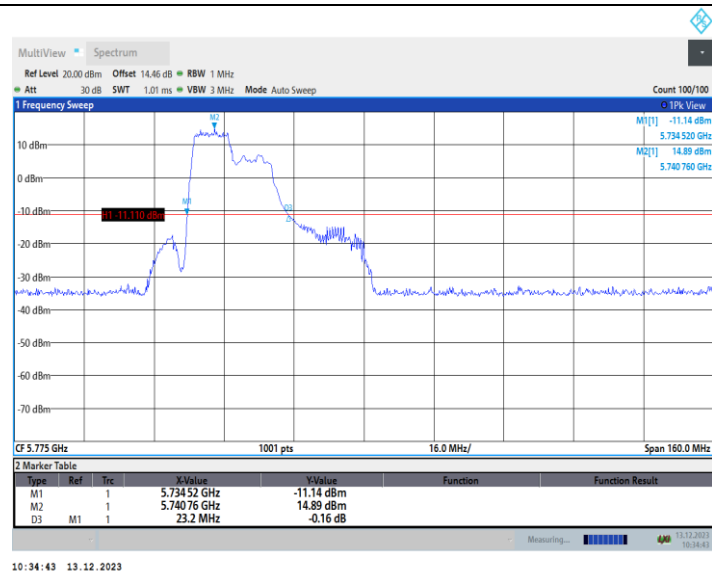
11AX80MIMO_Ant2_5775_26Tone_RU0



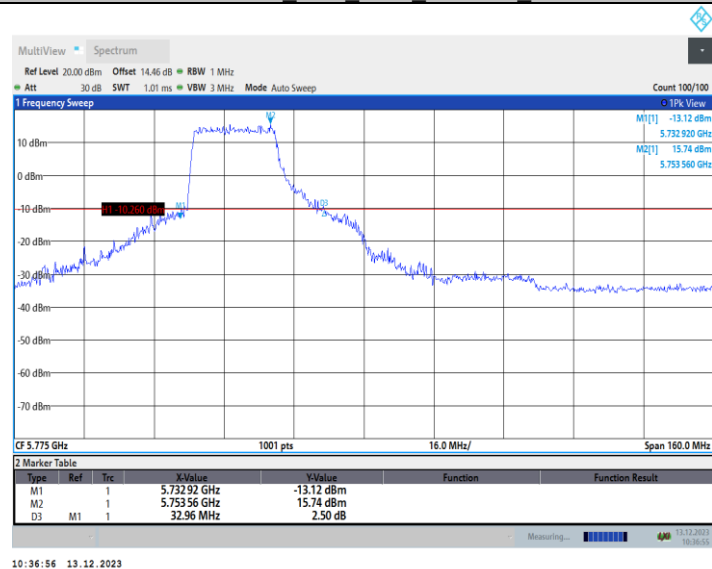
11AX80MIMO_Ant2_5775_52Tone_RU37



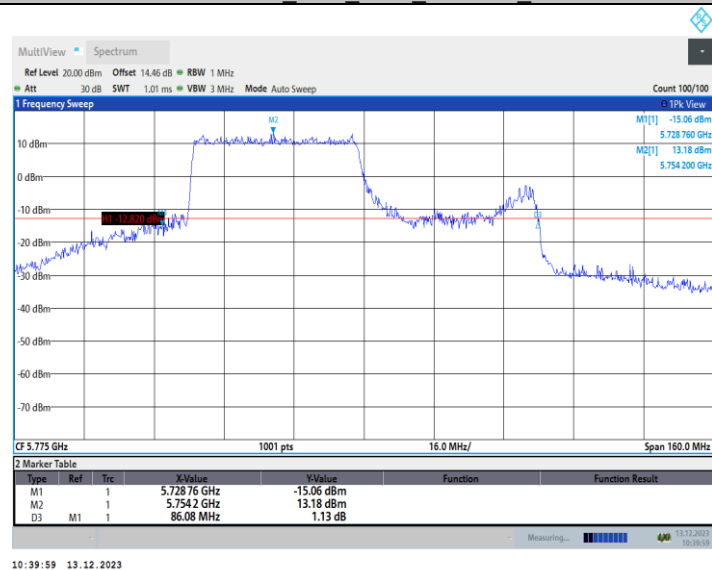
11AX80MIMO_Ant2_5775_106Tone_RU53



11AX80MIMO Ant2_5775_242Tone_RU64



11AX80MIMO Ant2_5775_484Tone_RU65



8. MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

8.1.Limits of Maximum Conducted Output Power Measurement

CFR 47 (FCC) part 15.407 (a)

For the band 5.15–5.25 GHz.

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.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz, the maximum antenna gain does not exceed 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.

8.2. Test Procedure

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.

The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

(ii) If the transmitter does not transmit continuously, measure the duty cycle, x , of the transmitter output signal as described in section II.B.

(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

(iv) Adjust the measurement in dBm by adding $10 \log (1/x)$ where x is the duty cycle (e.g., $10 \log (1/0.25)$ if the duty cycle is 25%). the measurement result.

8.3. Test Setup



8.4. Test Data

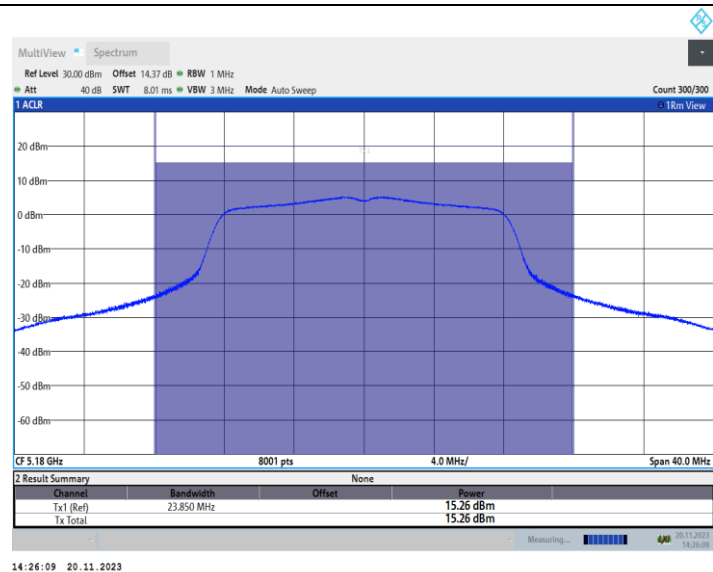
Test Mode	Antenna	Frequency [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	15.26	≤23.98	PASS
	Ant2	5180	14.98	≤23.98	PASS
	Ant1	5200	16.01	≤23.98	PASS
	Ant2	5200	16.19	≤23.98	PASS
	Ant1	5240	15.36	≤23.98	PASS
	Ant2	5240	16.16	≤23.98	PASS
	Ant1	5260	15.39	≤23.98	PASS
	Ant2	5260	16.05	≤23.98	PASS
	Ant1	5280	15.80	≤23.98	PASS
	Ant2	5280	15.79	≤23.98	PASS
	Ant1	5320	16.29	≤23.98	PASS
	Ant2	5320	15.51	≤23.98	PASS
	Ant1	5500	15.99	≤23.98	PASS
	Ant2	5500	15.45	≤23.98	PASS
	Ant1	5600	15.69	≤23.98	PASS
	Ant2	5600	15.71	≤23.98	PASS
	Ant1	5700	15.43	≤23.98	PASS
	Ant2	5700	14.86	≤23.98	PASS
	Ant1	5745	14.59	≤30.00	PASS
	Ant2	5745	15.74	≤30.00	PASS
	Ant1	5785	15.50	≤30.00	PASS
	Ant2	5785	15.81	≤30.00	PASS
	Ant1	5825	15.69	≤30.00	PASS
	Ant2	5825	16.21	≤30.00	PASS
11N20MIMO	Ant1	5180	15.54	≤23.98	PASS
	Ant2	5180	15.50	≤23.98	PASS
	total	5180	18.53	≤23.98	PASS
	Ant1	5200	15.21	≤23.98	PASS
	Ant2	5200	15.01	≤23.98	PASS
	total	5200	18.12	≤23.98	PASS
	Ant1	5240	15.85	≤23.98	PASS
	Ant2	5240	16.34	≤23.98	PASS
	total	5240	19.11	≤23.98	PASS
	Ant1	5260	15.47	≤23.98	PASS
	Ant2	5260	16.27	≤23.98	PASS
	total	5260	18.90	≤23.98	PASS
	Ant1	5280	16.07	≤23.98	PASS
	Ant2	5280	16.06	≤23.98	PASS
	total	5280	19.08	≤23.98	PASS
	Ant1	5320	16.11	≤23.98	PASS
	Ant2	5320	16.01	≤23.98	PASS
	total	5320	19.07	≤23.98	PASS
	Ant1	5500	15.37	≤23.98	PASS
	Ant2	5500	15.84	≤23.98	PASS
	total	5500	18.62	≤23.98	PASS
	Ant1	5600	15.95	≤23.98	PASS
	Ant2	5600	15.97	≤23.98	PASS
	total	5600	18.97	≤23.98	PASS
	Ant1	5700	14.83	≤23.98	PASS
	Ant2	5700	14.30	≤23.98	PASS
	total	5700	17.58	≤23.98	PASS
	Ant1	5745	15.30	≤30.00	PASS
	Ant2	5745	15.58	≤30.00	PASS
	total	5745	18.45	≤30.00	PASS
	Ant1	5785	15.67	≤30.00	PASS
	Ant2	5785	15.55	≤30.00	PASS
	total	5785	18.62	≤30.00	PASS
	Ant1	5825	15.79	≤30.00	PASS
	Ant2	5825	16.24	≤30.00	PASS
	total	5825	19.03	≤30.00	PASS
11N40MIMO	Ant1	5190	16.19	≤23.98	PASS
	Ant2	5190	16.30	≤23.98	PASS
	total	5190	19.26	≤23.98	PASS
	Ant1	5230	16.14	≤23.98	PASS

	Ant2	5230	16.54	≤23.98	PASS
	total	5230	19.35	≤23.98	PASS
	Ant1	5270	16.26	≤23.98	PASS
	Ant2	5270	16.19	≤23.98	PASS
	total	5270	19.24	≤23.98	PASS
	Ant1	5310	13.42	≤23.98	PASS
	Ant2	5310	13.64	≤23.98	PASS
	total	5310	16.54	≤23.98	PASS
	Ant1	5510	14.87	≤23.98	PASS
	Ant2	5510	14.90	≤23.98	PASS
	total	5510	17.90	≤23.98	PASS
	Ant1	5590	15.70	≤23.98	PASS
	Ant2	5590	16.23	≤23.98	PASS
	total	5590	18.98	≤23.98	PASS
	Ant1	5670	15.85	≤23.98	PASS
	Ant2	5670	15.15	≤23.98	PASS
	total	5670	18.52	≤23.98	PASS
	Ant1	5755	15.15	≤30.00	PASS
	Ant2	5755	14.91	≤30.00	PASS
	total	5755	18.04	≤30.00	PASS
11AC20MIMO	Ant1	5795	15.37	≤30.00	PASS
	Ant2	5795	15.06	≤30.00	PASS
	total	5795	18.23	≤30.00	PASS
	Ant1	5180	16.13	≤23.98	PASS
	Ant2	5180	16.05	≤23.98	PASS
	total	5180	19.10	≤23.98	PASS
	Ant1	5200	15.66	≤23.98	PASS
	Ant2	5200	15.41	≤23.98	PASS
	total	5200	18.55	≤23.98	PASS
	Ant1	5240	15.01	≤23.98	PASS
	Ant2	5240	15.43	≤23.98	PASS
	total	5240	18.24	≤23.98	PASS
	Ant1	5260	16.05	≤23.98	PASS
	Ant2	5260	16.05	≤23.98	PASS
	total	5260	19.06	≤23.98	PASS
	Ant1	5280	15.75	≤23.98	PASS
	Ant2	5280	16.02	≤23.98	PASS
	total	5280	18.90	≤23.98	PASS
	Ant1	5320	15.94	≤23.98	PASS
	Ant2	5320	15.38	≤23.98	PASS
	total	5320	18.68	≤23.98	PASS
	Ant1	5500	15.95	≤23.98	PASS
	Ant2	5500	15.38	≤23.98	PASS
	total	5500	18.68	≤23.98	PASS
	Ant1	5600	15.90	≤23.98	PASS
	Ant2	5600	15.99	≤23.98	PASS
	total	5600	18.96	≤23.98	PASS
	Ant1	5700	15.09	≤23.98	PASS
	Ant2	5700	15.33	≤23.98	PASS
	total	5700	18.22	≤23.98	PASS
	Ant1	5745	14.85	≤30.00	PASS
	Ant2	5745	15.06	≤30.00	PASS
	total	5745	17.97	≤30.00	PASS
	Ant1	5785	15.03	≤30.00	PASS
	Ant2	5785	15.47	≤30.00	PASS
	total	5785	18.27	≤30.00	PASS
	Ant1	5825	15.64	≤30.00	PASS
	Ant2	5825	15.84	≤30.00	PASS
	total	5825	18.75	≤30.00	PASS
11AC40MIMO	Ant1	5190	13.43	≤23.98	PASS
	Ant2	5190	13.71	≤23.98	PASS
	total	5190	16.58	≤23.98	PASS
	Ant1	5230	16.29	≤23.98	PASS
	Ant2	5230	16.45	≤23.98	PASS
	total	5230	19.38	≤23.98	PASS
	Ant1	5270	15.98	≤23.98	PASS

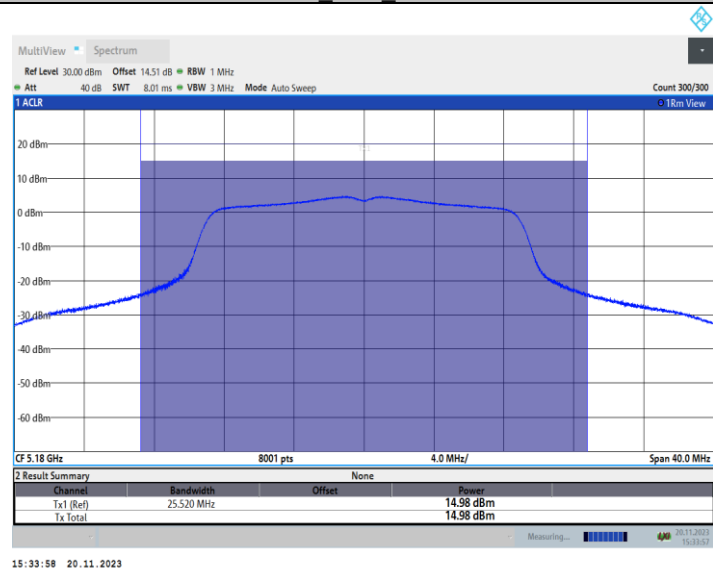
	Ant2	5270	15.76	≤23.98	PASS
	total	5270	18.88	≤23.98	PASS
	Ant1	5310	13.50	≤23.98	PASS
	Ant2	5310	13.44	≤23.98	PASS
	total	5310	16.48	≤23.98	PASS
	Ant1	5510	15.45	≤23.98	PASS
	Ant2	5510	15.46	≤23.98	PASS
	total	5510	18.47	≤23.98	PASS
	Ant1	5590	15.31	≤23.98	PASS
	Ant2	5590	15.87	≤23.98	PASS
	total	5590	18.61	≤23.98	PASS
	Ant1	5670	15.15	≤23.98	PASS
	Ant2	5670	15.22	≤23.98	PASS
	total	5670	18.20	≤23.98	PASS
	Ant1	5755	15.12	≤30.00	PASS
	Ant2	5755	15.56	≤30.00	PASS
	total	5755	18.36	≤30.00	PASS
	Ant1	5795	15.58	≤30.00	PASS
	Ant2	5795	15.75	≤30.00	PASS
	total	5795	18.68	≤30.00	PASS
11AC80MIMO	Ant1	5210	10.95	≤23.98	PASS
	Ant2	5210	11.26	≤23.98	PASS
	total	5210	14.12	≤23.98	PASS
	Ant1	5290	11.00	≤23.98	PASS
	Ant2	5290	11.09	≤23.98	PASS
	total	5290	14.06	≤23.98	PASS
	Ant1	5530	12.99	≤23.98	PASS
	Ant2	5530	13.21	≤23.98	PASS
	total	5530	16.11	≤23.98	PASS
	Ant1	5610	15.25	≤23.98	PASS
	Ant2	5610	15.40	≤23.98	PASS
	total	5610	18.34	≤23.98	PASS
	Ant1	5775	14.98	≤30.00	PASS
	Ant2	5775	15.39	≤30.00	PASS
	total	5775	18.20	≤30.00	PASS
11AX20MIMO	Ant1	5180	14.94	≤23.98	PASS
	Ant2	5180	14.97	≤23.98	PASS
	total	5180	17.97	≤23.98	PASS
	Ant1	5200	15.32	≤23.98	PASS
	Ant2	5200	15.54	≤23.98	PASS
	total	5200	18.44	≤23.98	PASS
	Ant1	5240	15.08	≤23.98	PASS
	Ant2	5240	15.90	≤23.98	PASS
	total	5240	18.52	≤23.98	PASS
	Ant1	5260	15.29	≤23.98	PASS
	Ant2	5260	15.59	≤23.98	PASS
	total	5260	18.45	≤23.98	PASS
	Ant1	5280	15.24	≤23.98	PASS
	Ant2	5280	14.30	≤23.98	PASS
	total	5280	17.81	≤23.98	PASS
	Ant1	5320	15.29	≤23.98	PASS
	Ant2	5320	15.28	≤23.98	PASS
	total	5320	18.30	≤23.98	PASS
	Ant1	5500	15.01	≤23.98	PASS
	Ant2	5500	14.77	≤23.98	PASS
	total	5500	17.90	≤23.98	PASS
	Ant1	5600	14.86	≤23.98	PASS
	Ant2	5600	14.73	≤23.98	PASS
	total	5600	17.81	≤23.98	PASS
	Ant1	5700	14.84	≤23.98	PASS
	Ant2	5700	14.66	≤23.98	PASS
	total	5700	17.76	≤23.98	PASS
	Ant1	5745	14.26	≤30.00	PASS
	Ant2	5745	14.43	≤30.00	PASS
	total	5745	17.36	≤30.00	PASS
	Ant1	5785	14.54	≤30.00	PASS

	Ant2	5785	14.24	≤30.00	PASS
	total	5785	17.40	≤30.00	PASS
	Ant1	5825	15.36	≤30.00	PASS
	Ant2	5825	15.08	≤30.00	PASS
	total	5825	18.23	≤30.00	PASS
11AX40MIMO	Ant1	5190	14.20	≤23.98	PASS
	Ant2	5190	14.14	≤23.98	PASS
	total	5190	17.18	≤23.98	PASS
	Ant1	5230	15.45	≤23.98	PASS
	Ant2	5230	15.97	≤23.98	PASS
	total	5230	18.73	≤23.98	PASS
	Ant1	5270	15.29	≤23.98	PASS
	Ant2	5270	15.67	≤23.98	PASS
	total	5270	18.49	≤23.98	PASS
	Ant1	5310	14.31	≤23.98	PASS
	Ant2	5310	14.29	≤23.98	PASS
	total	5310	17.31	≤23.98	PASS
	Ant1	5510	15.62	≤23.98	PASS
	Ant2	5510	15.44	≤23.98	PASS
	total	5510	18.54	≤23.98	PASS
	Ant1	5590	15.26	≤23.98	PASS
	Ant2	5590	15.48	≤23.98	PASS
	total	5590	18.38	≤23.98	PASS
	Ant1	5670	15.15	≤23.98	PASS
	Ant2	5670	15.43	≤23.98	PASS
	total	5670	18.30	≤23.98	PASS
	Ant1	5755	14.17	≤30.00	PASS
	Ant2	5755	14.51	≤30.00	PASS
	total	5755	17.35	≤30.00	PASS
	Ant1	5795	14.25	≤30.00	PASS
	Ant2	5795	15.21	≤30.00	PASS
	total	5795	17.77	≤30.00	PASS
11AX80MIMO	Ant1	5210	12.88	≤23.98	PASS
	Ant2	5210	13.13	≤23.98	PASS
	total	5210	16.02	≤23.98	PASS
	Ant1	5290	12.70	≤23.98	PASS
	Ant2	5290	12.99	≤23.98	PASS
	total	5290	15.86	≤23.98	PASS
	Ant1	5530	15.26	≤23.98	PASS
	Ant2	5530	14.66	≤23.98	PASS
	total	5530	17.98	≤23.98	PASS
	Ant1	5610	15.57	≤23.98	PASS
	Ant2	5610	14.79	≤23.98	PASS
	total	5610	18.21	≤23.98	PASS
	Ant1	5775	14.54	≤30.00	PASS
	Ant2	5775	14.55	≤30.00	PASS
	total	5775	17.56	≤30.00	PASS

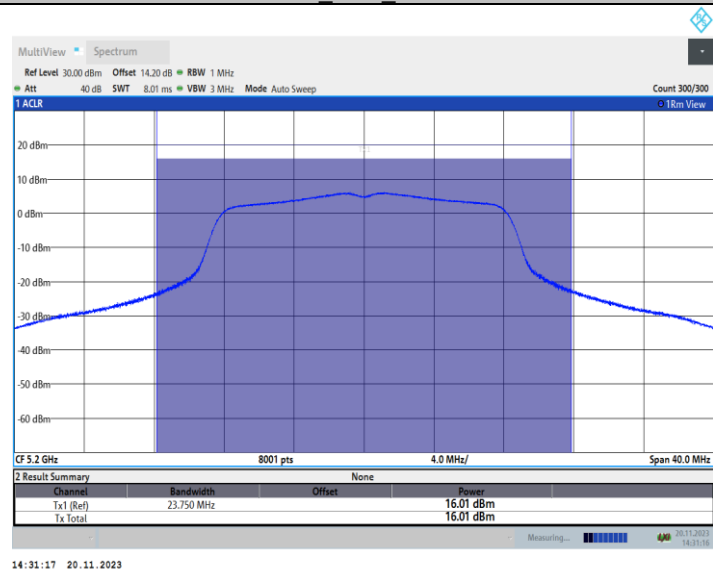
Note: The Duty Cycle Factor is compensated in the graph.



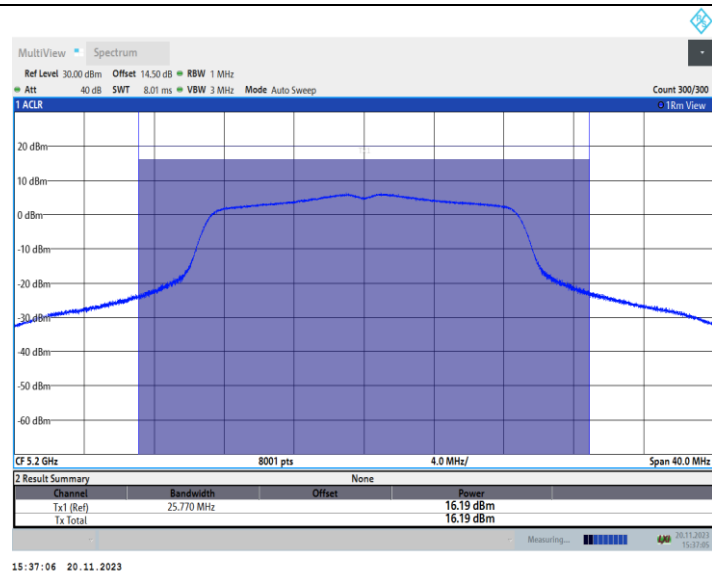
11A_Ant2_5180



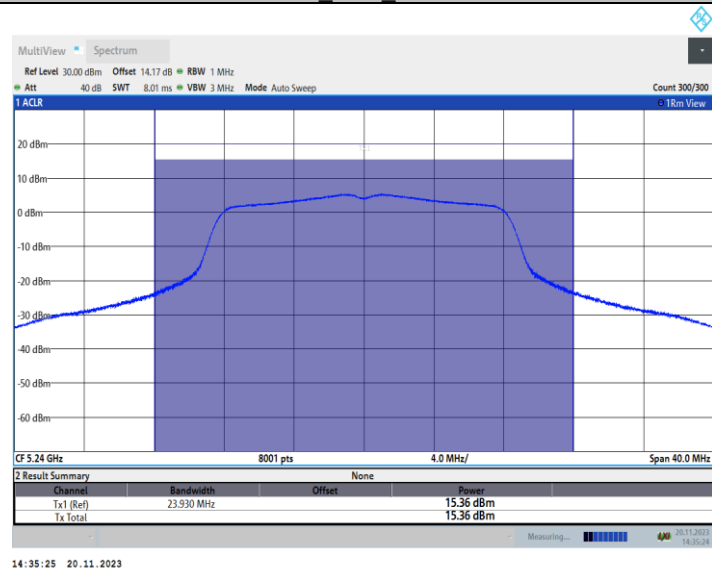
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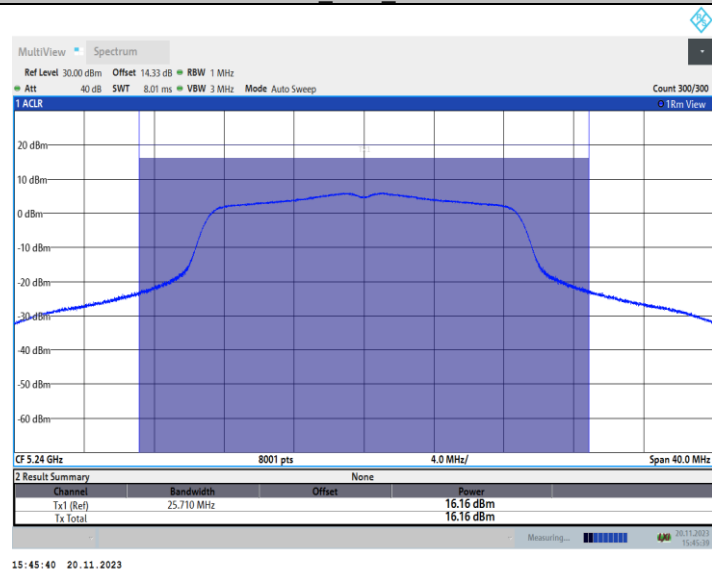
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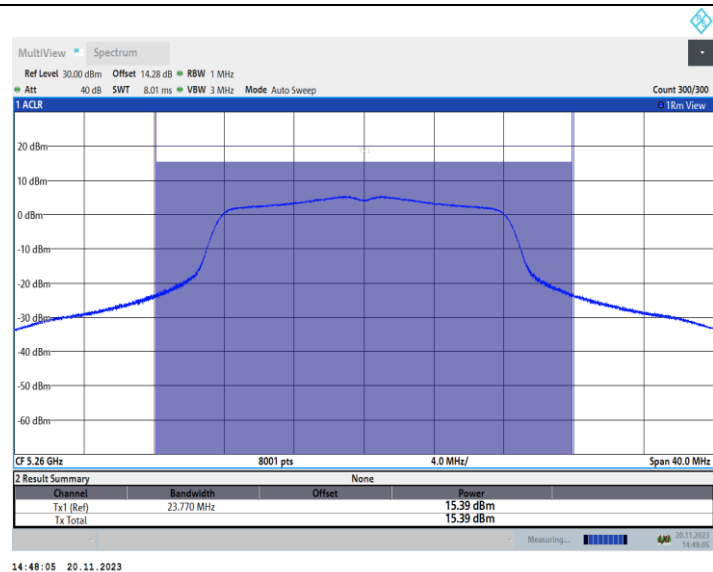
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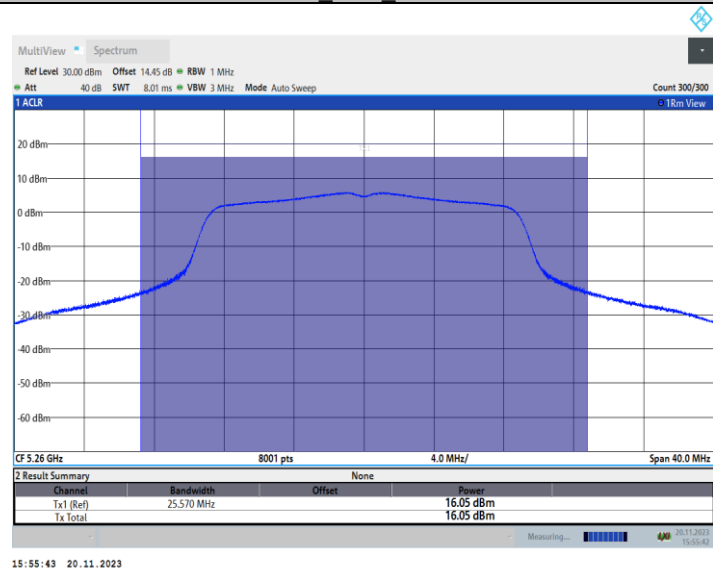
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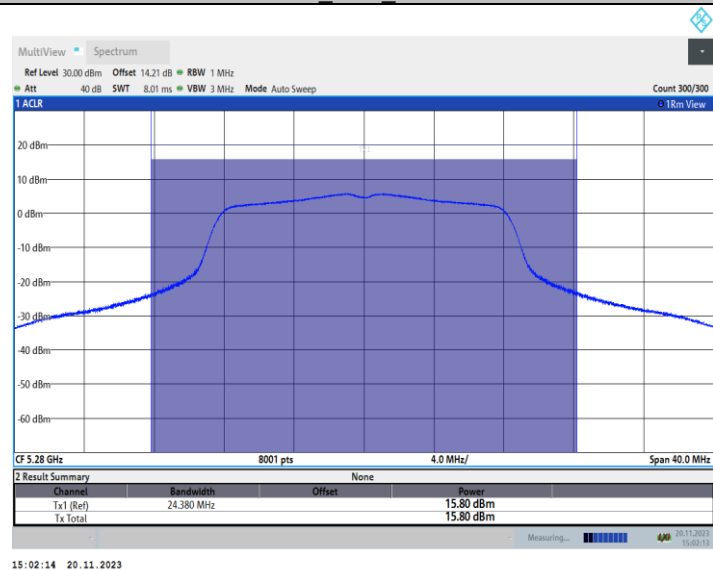
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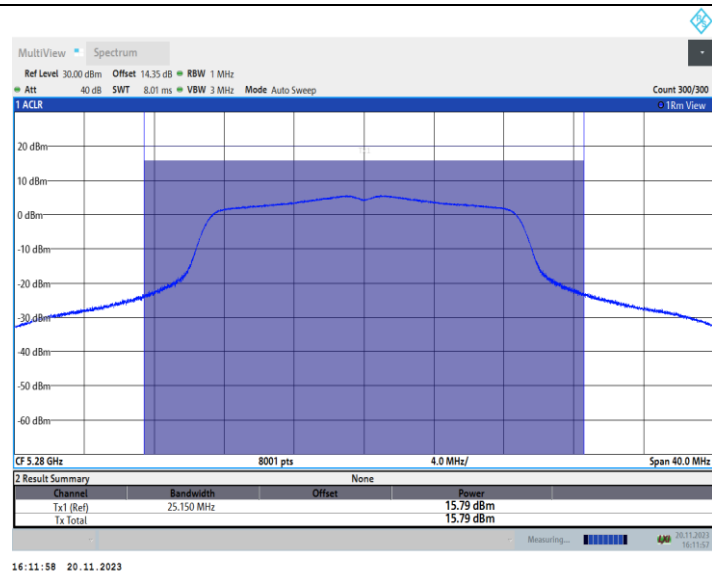
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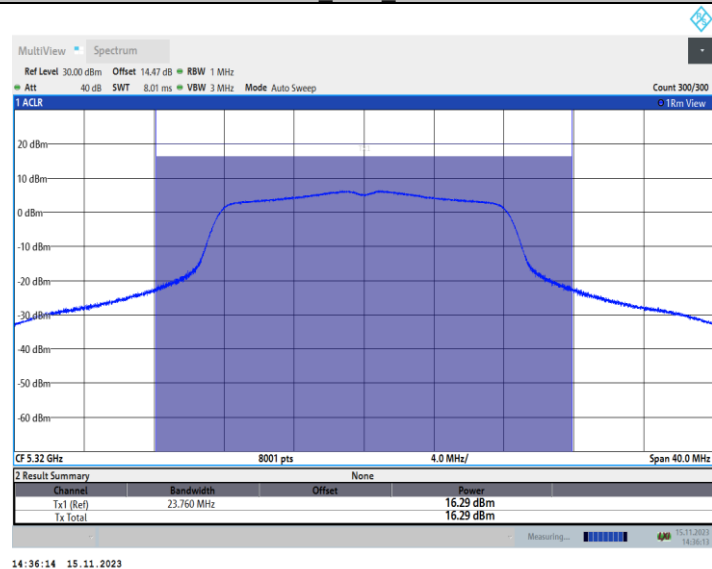
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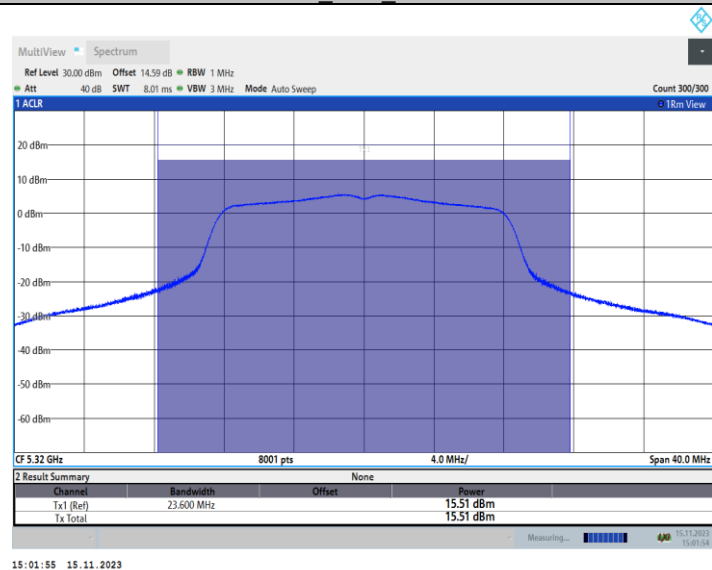
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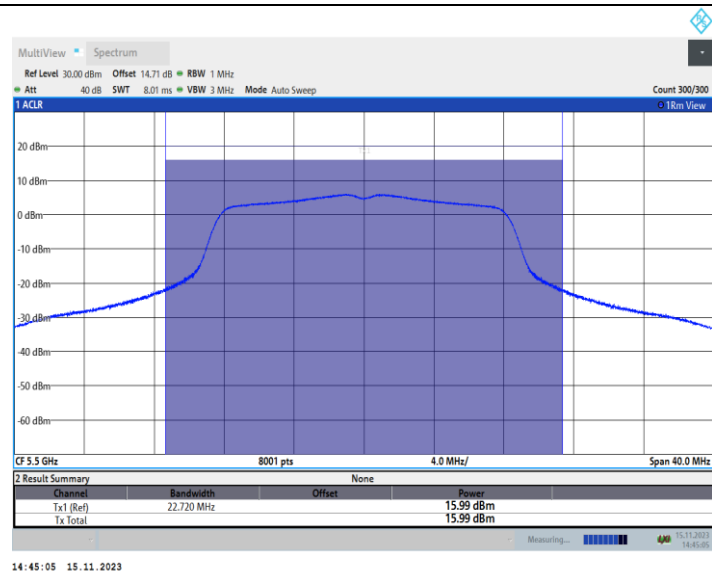
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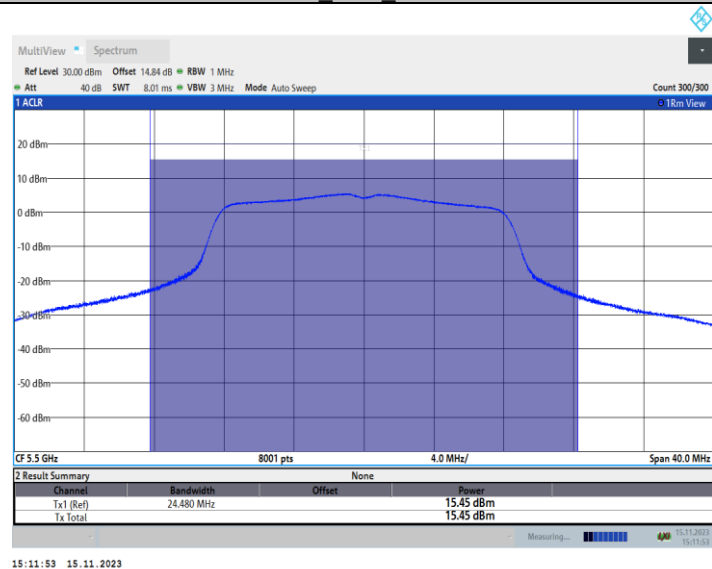
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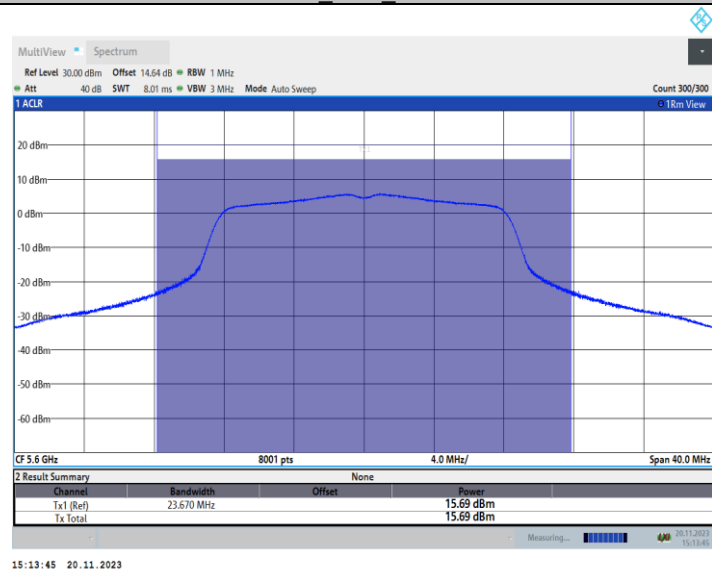
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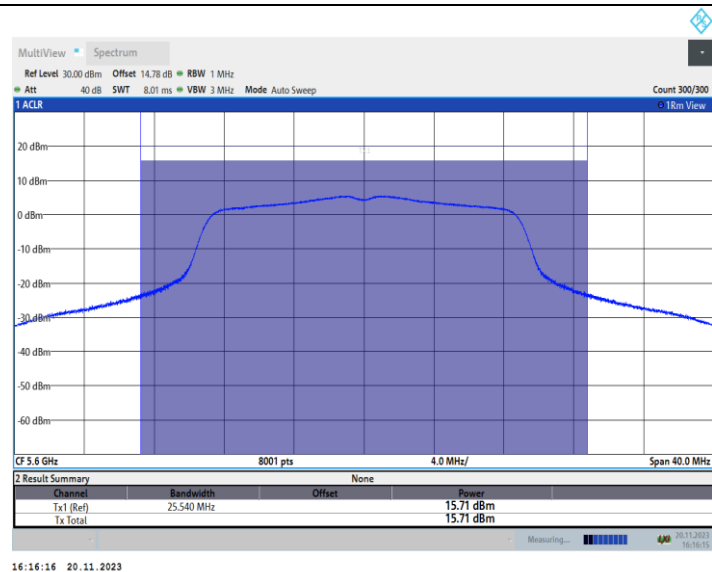
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11A_Ant1_5600

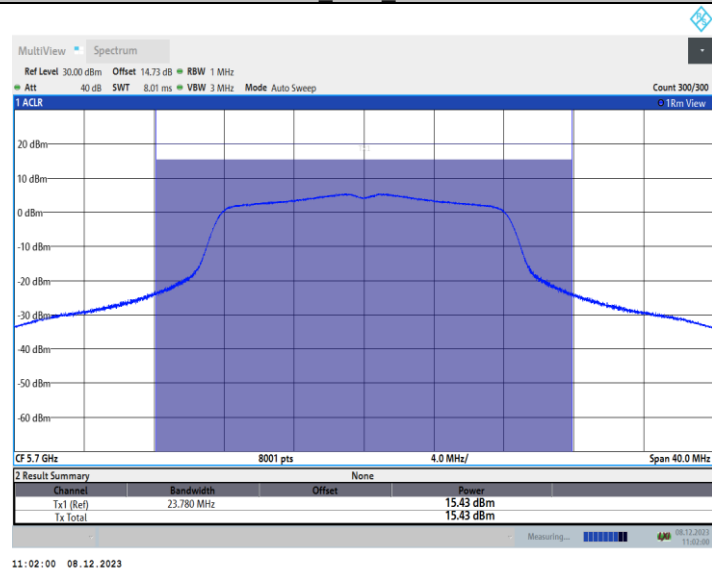


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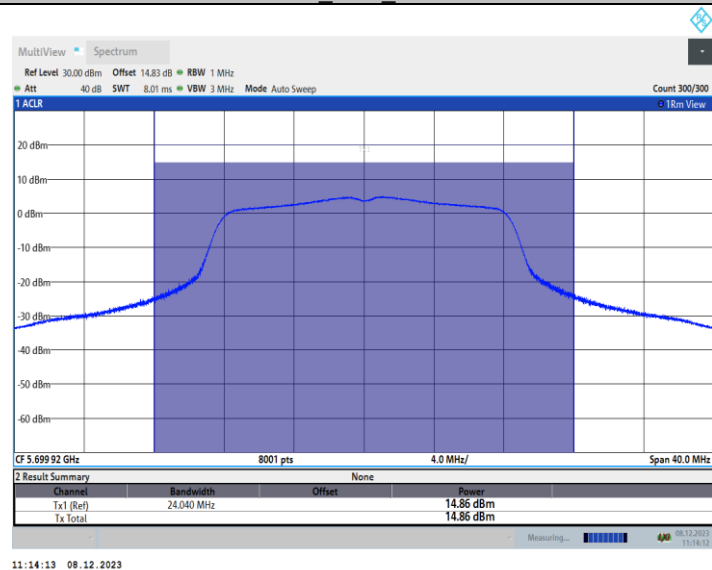
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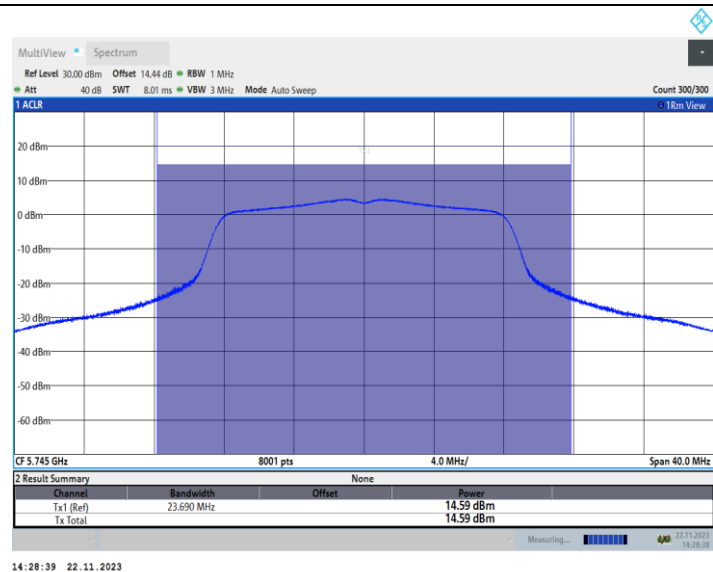
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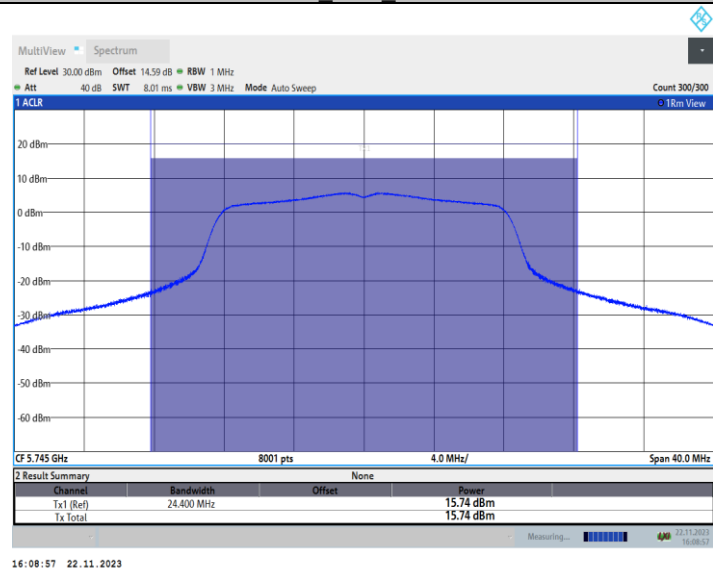


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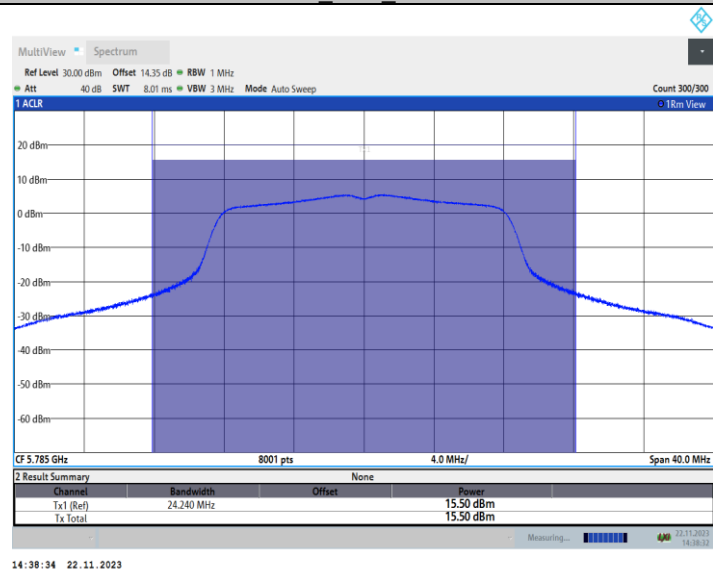
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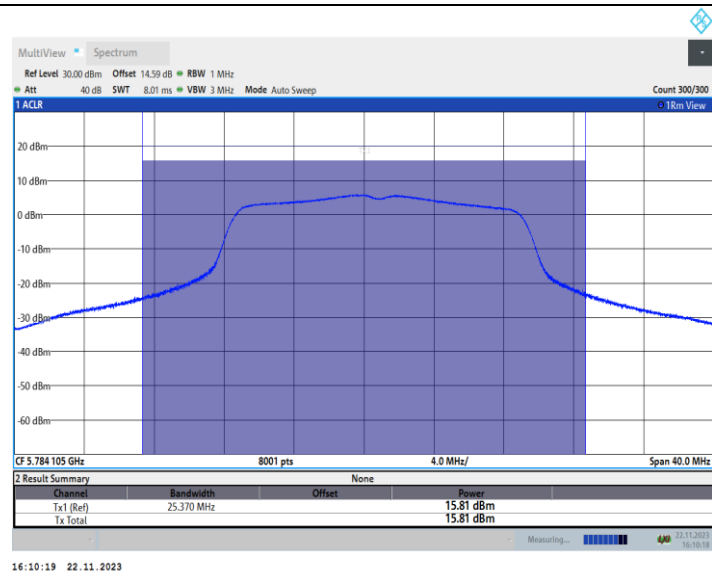
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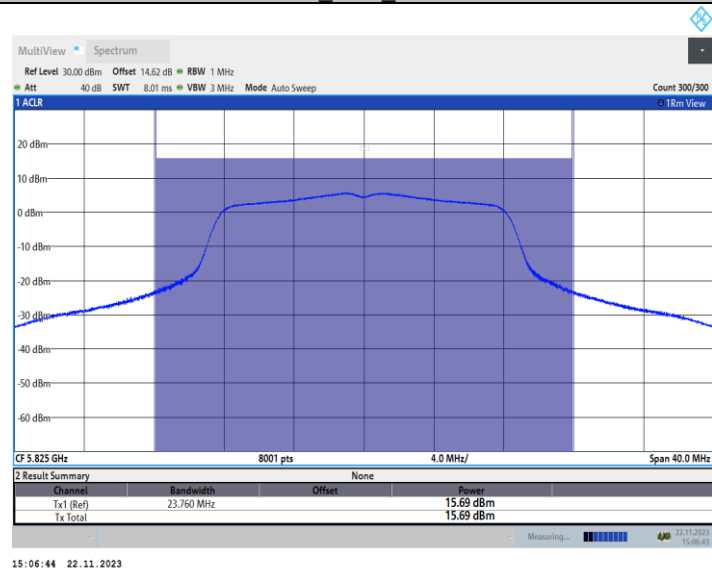
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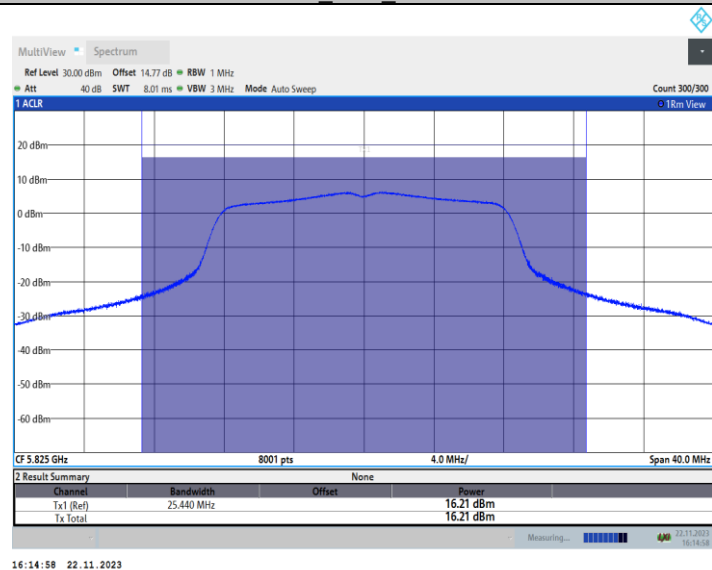
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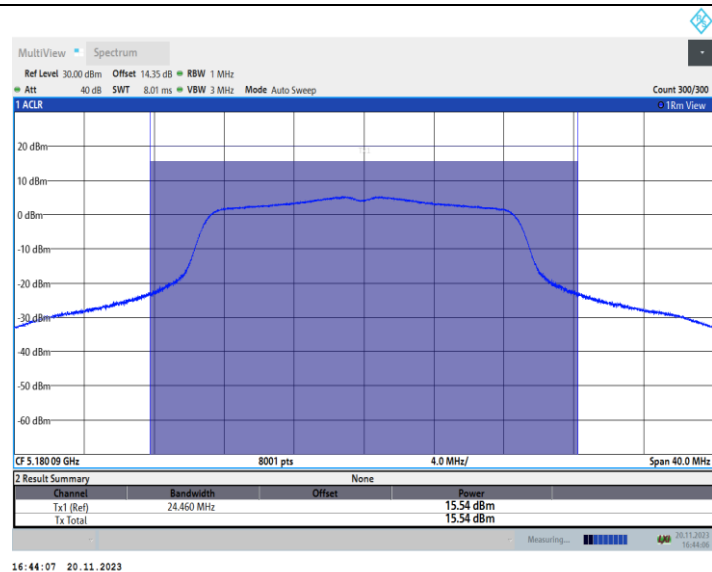
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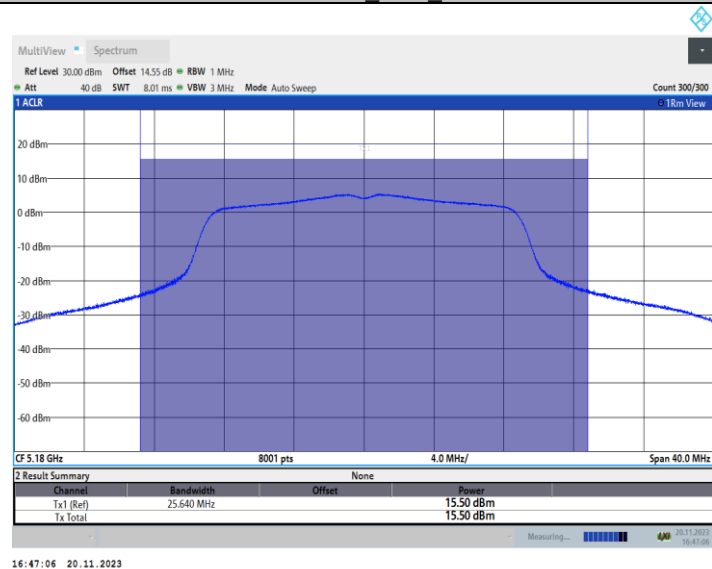
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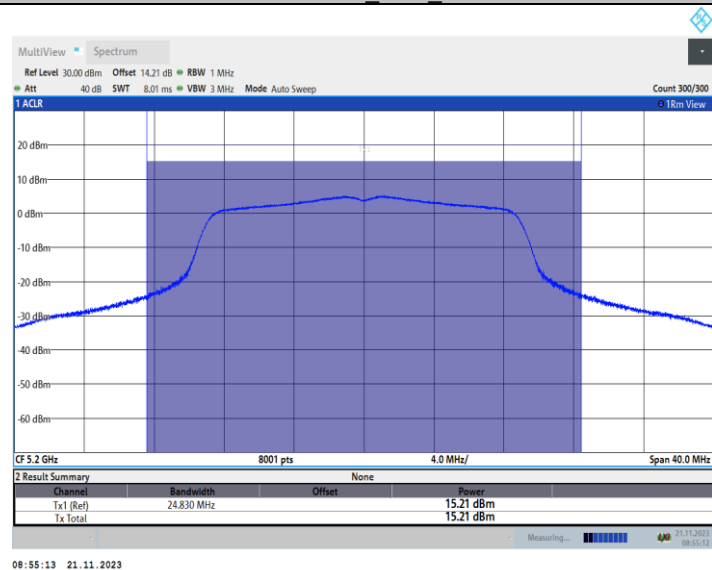
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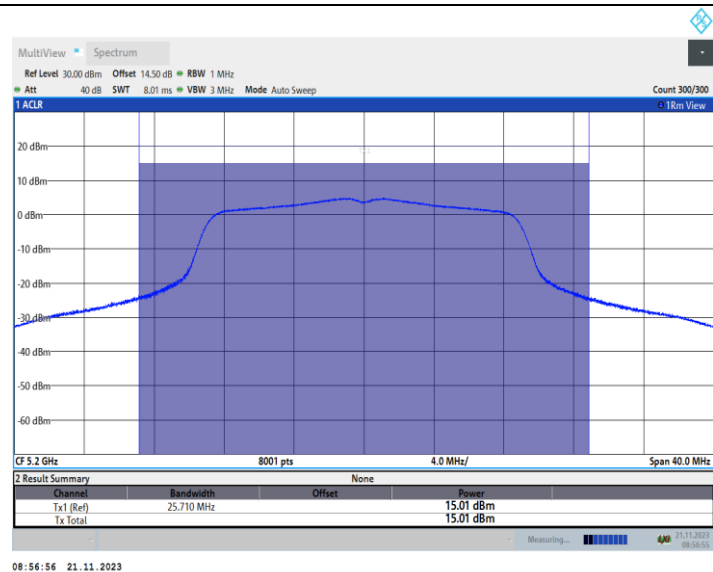
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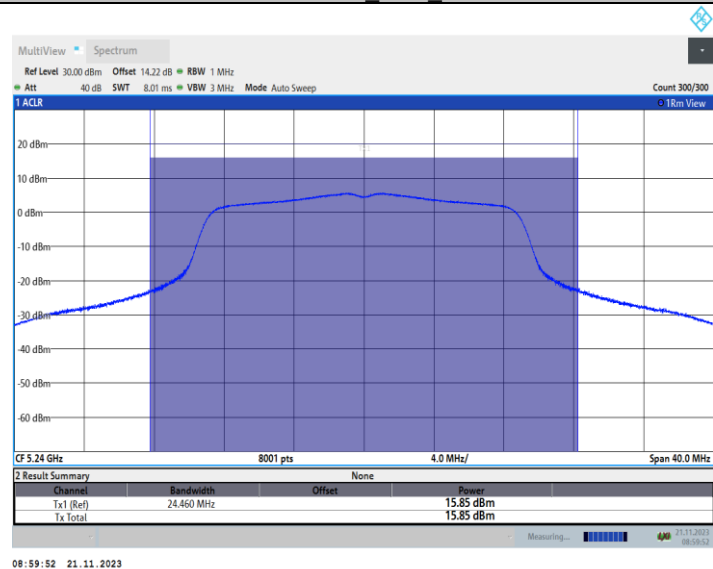
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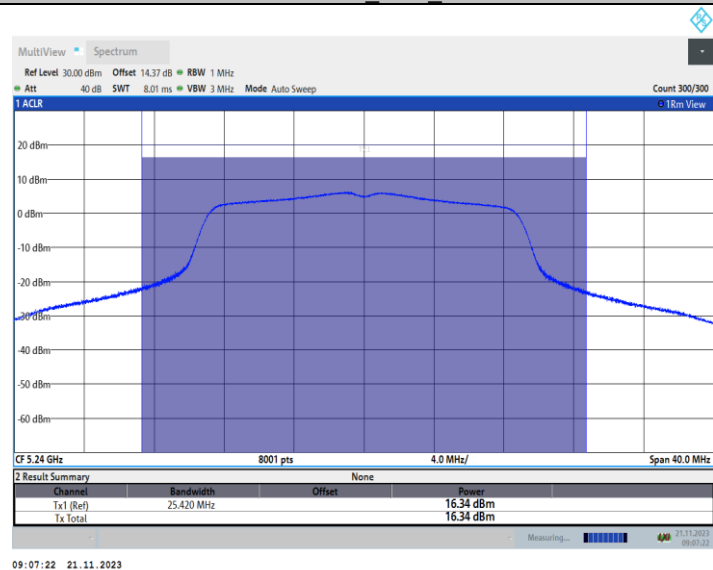
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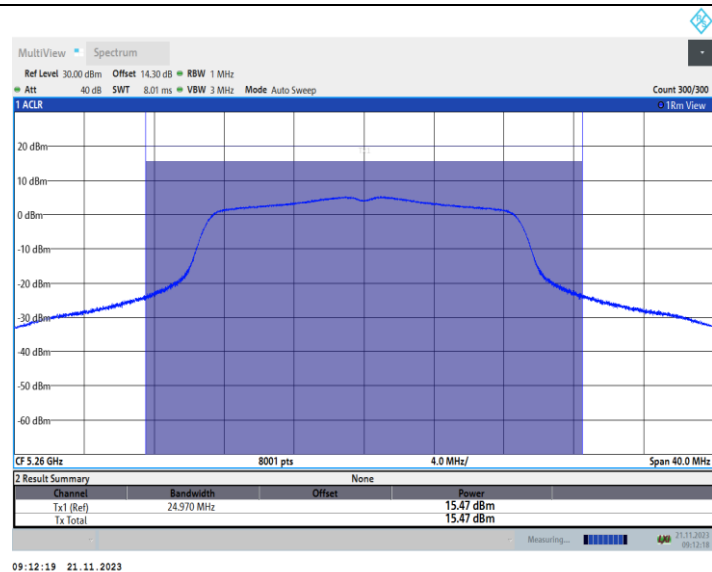
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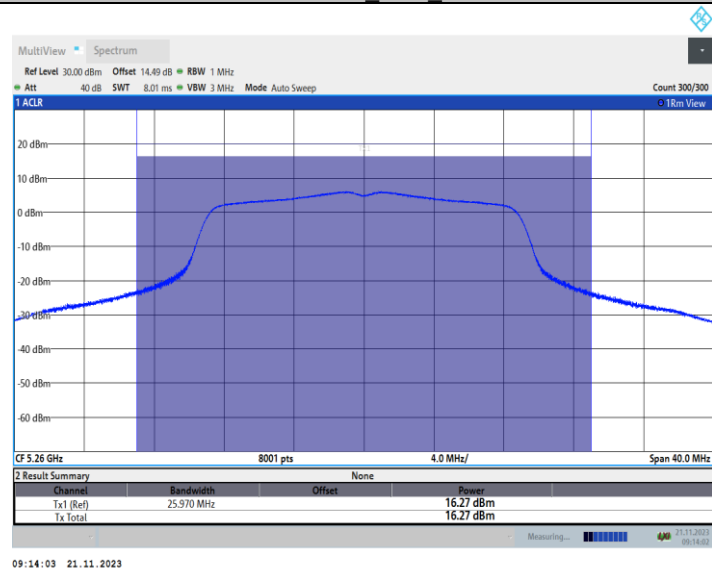
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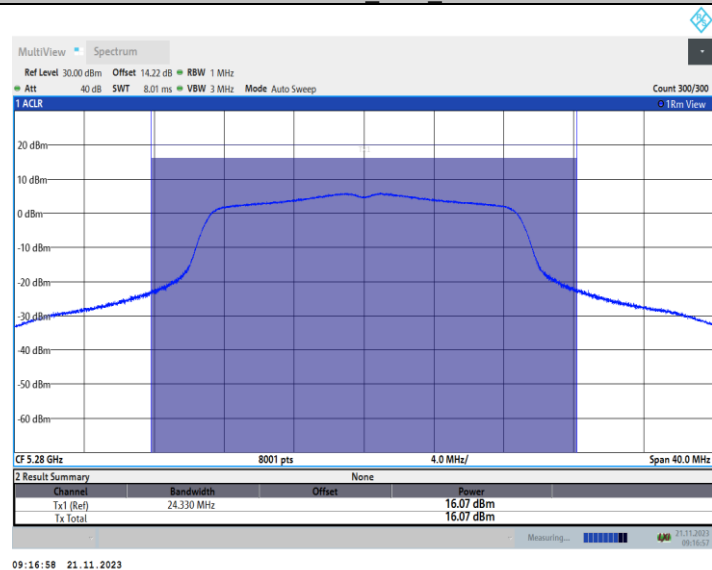
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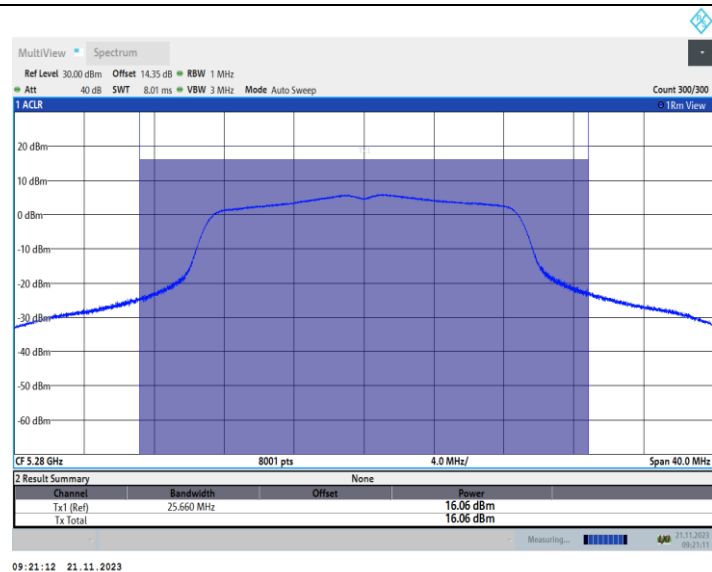
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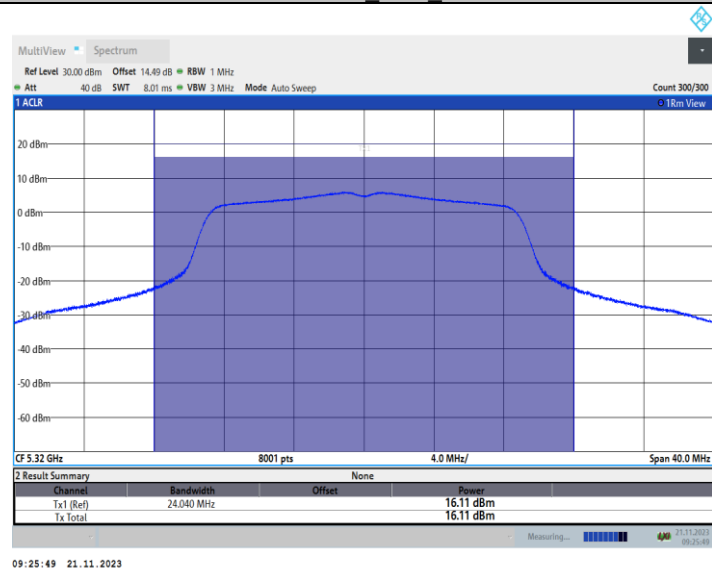
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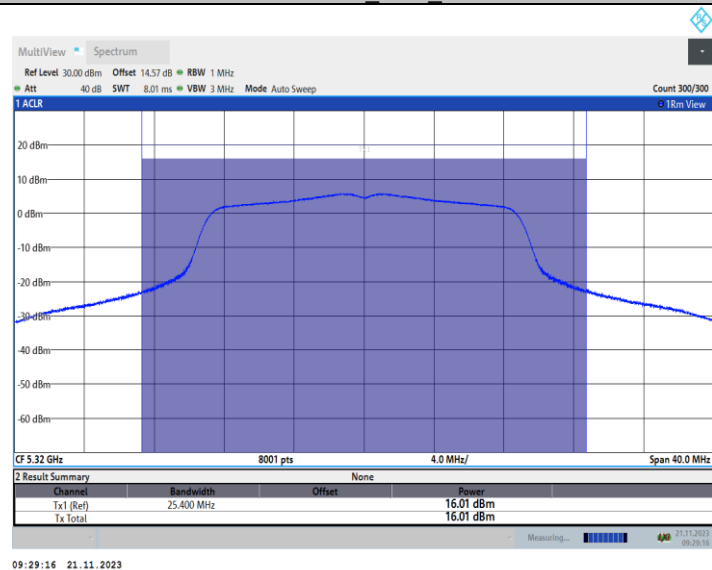
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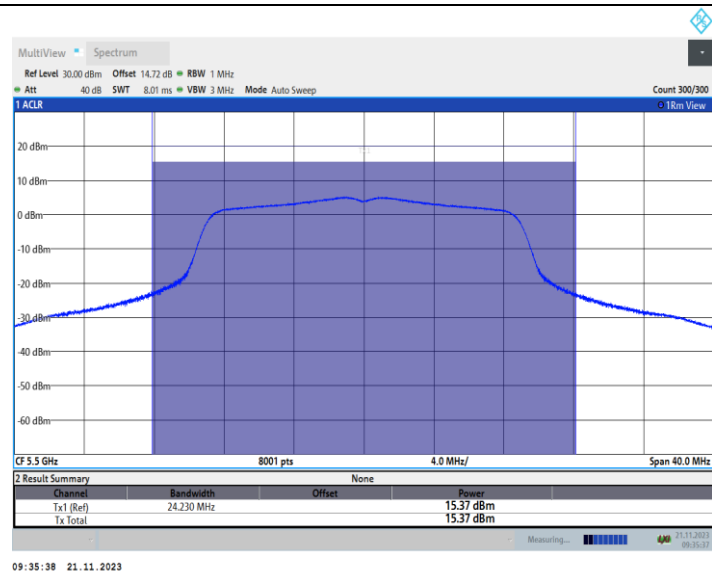
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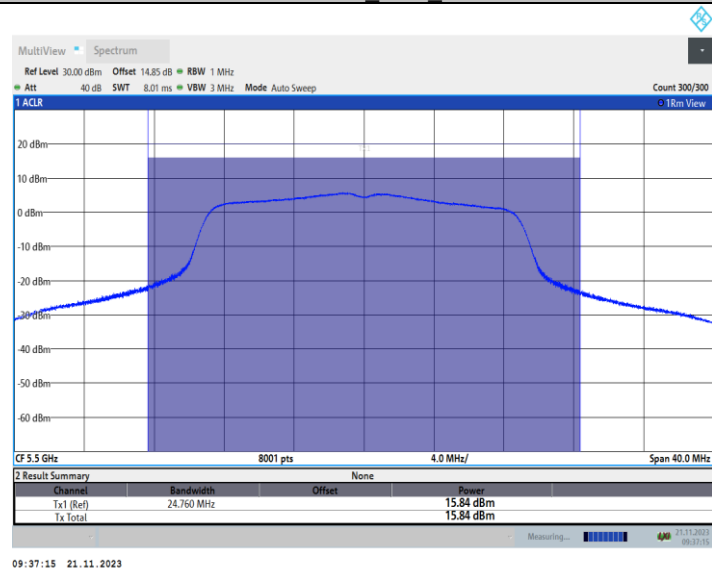
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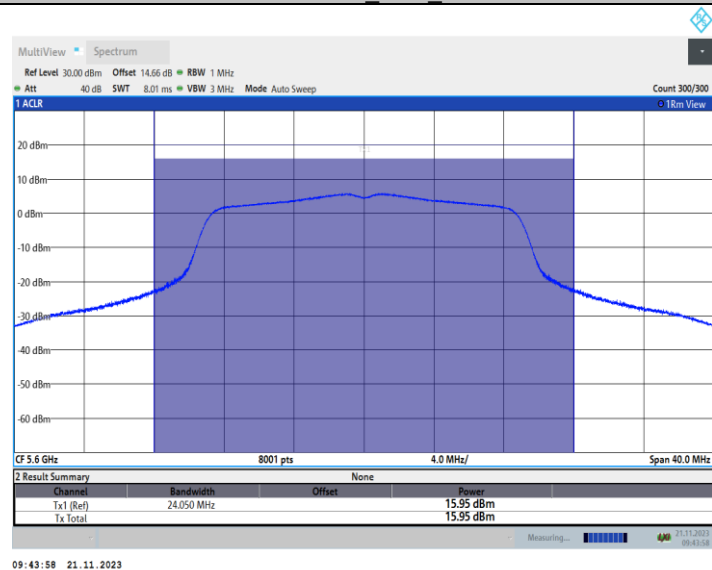
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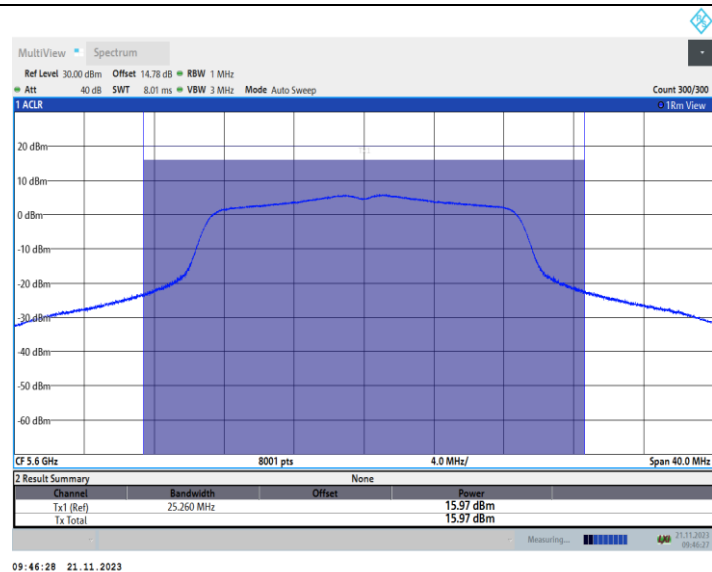
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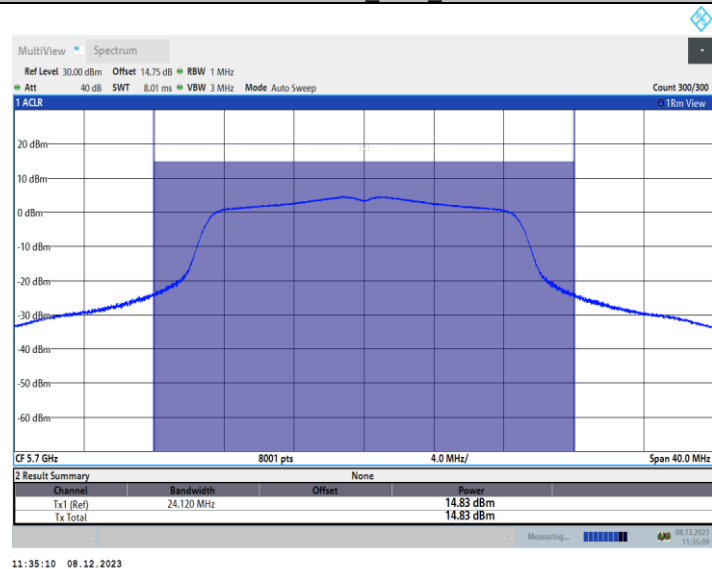
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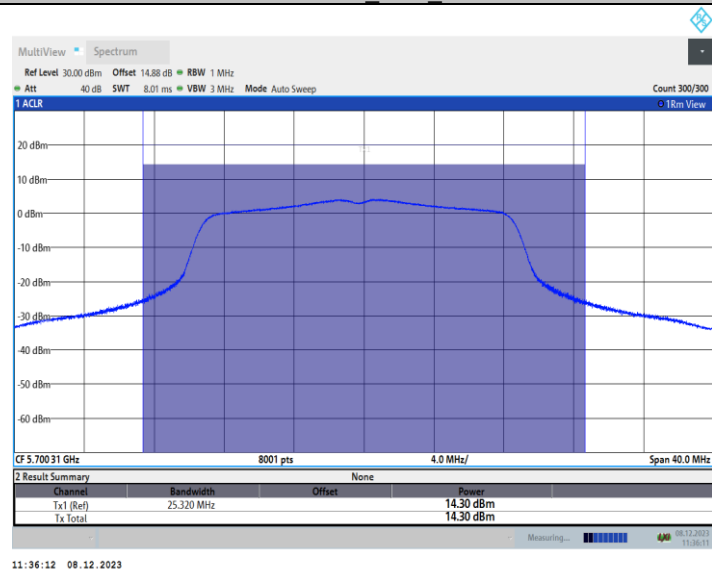
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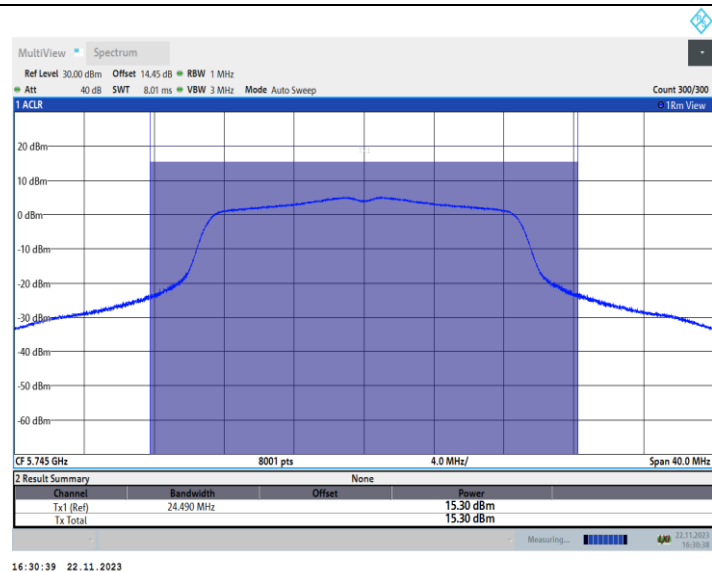
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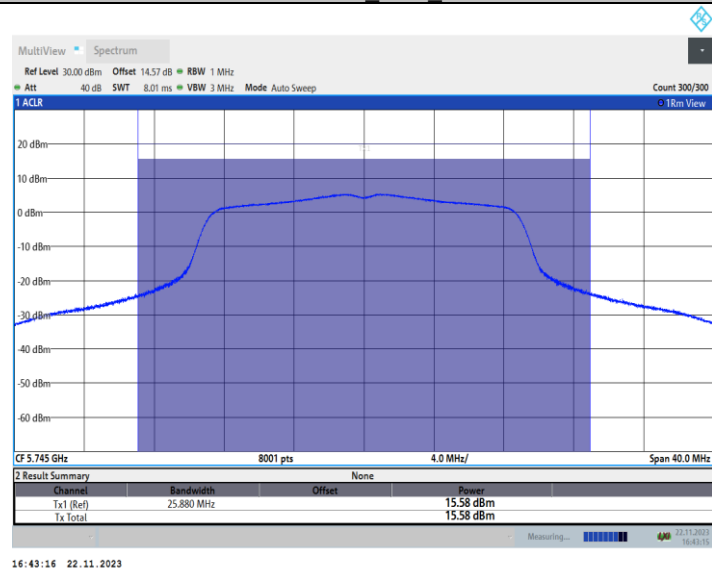
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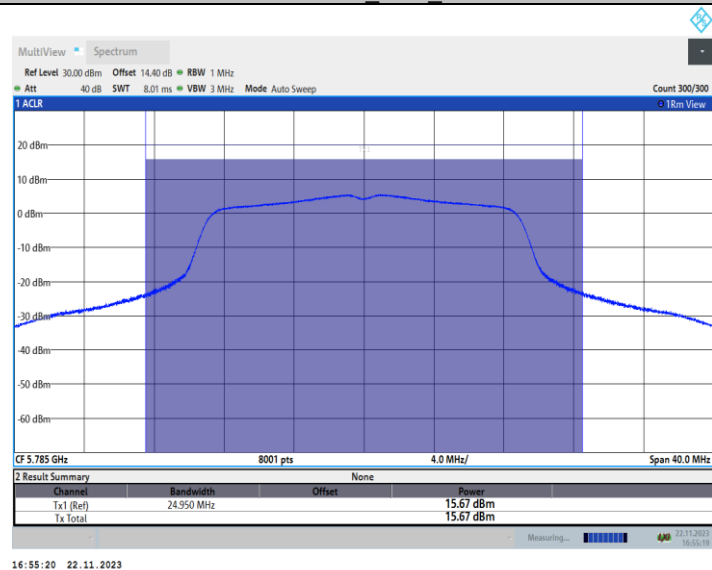
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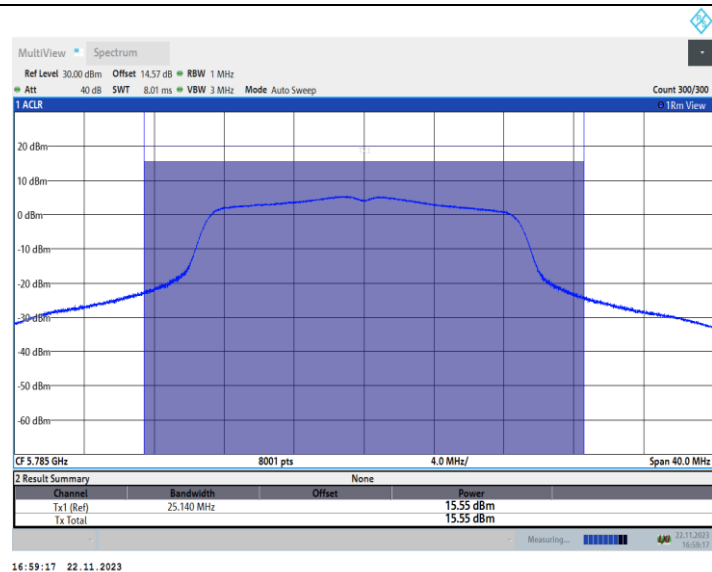
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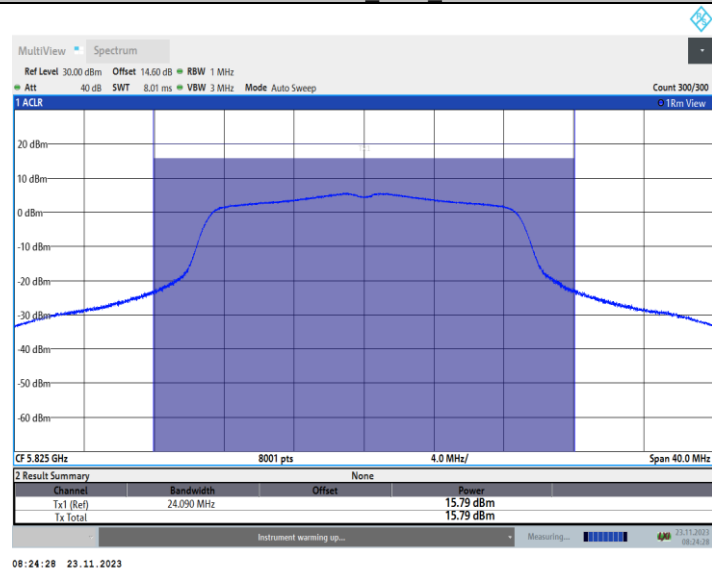
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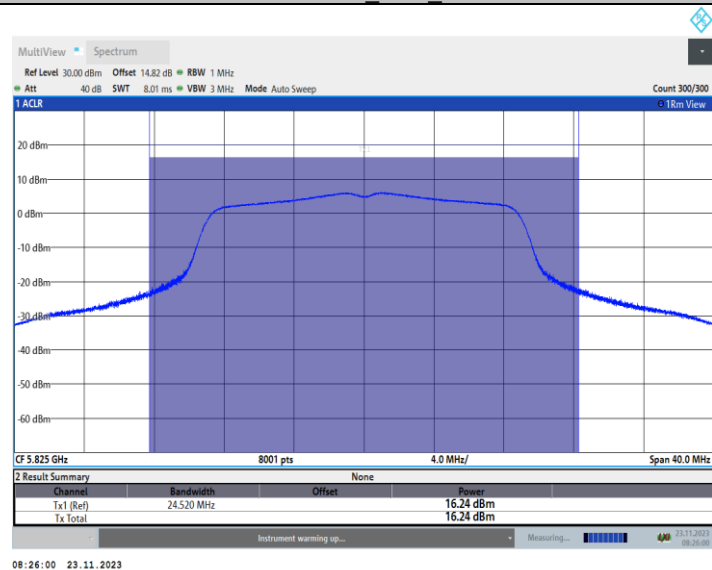
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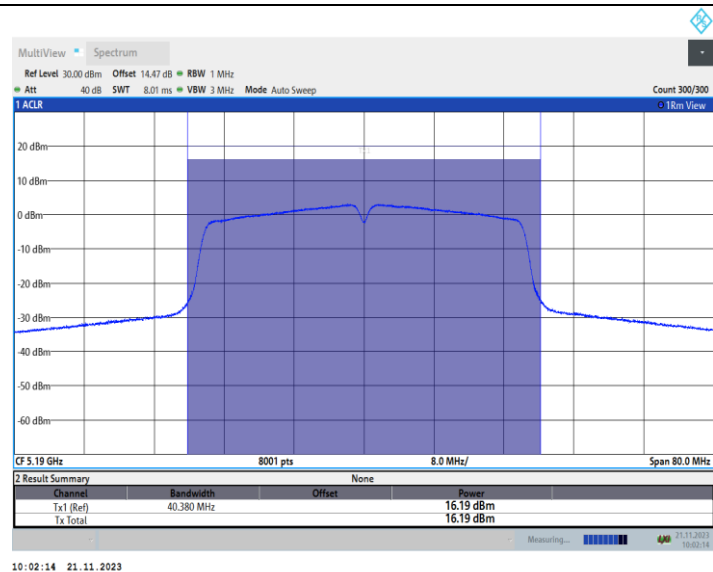
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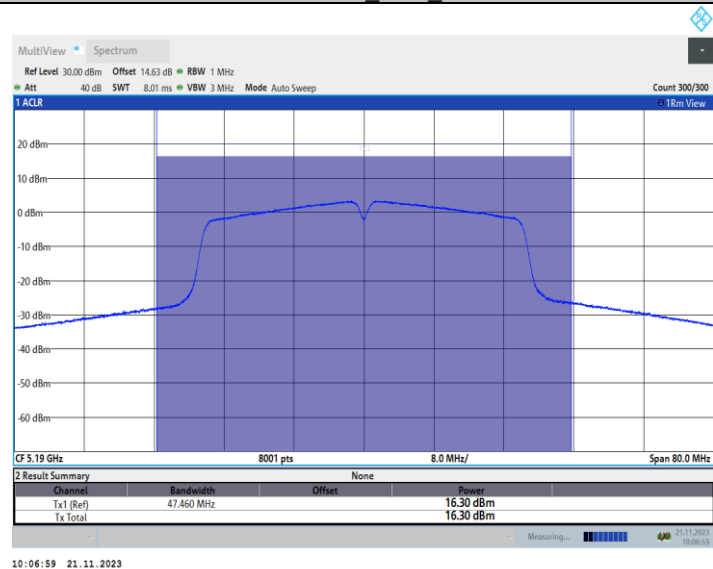
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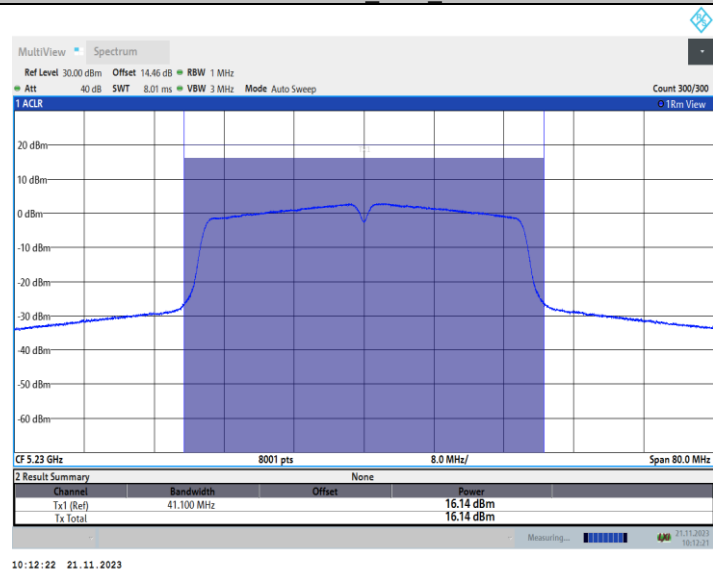
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11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230