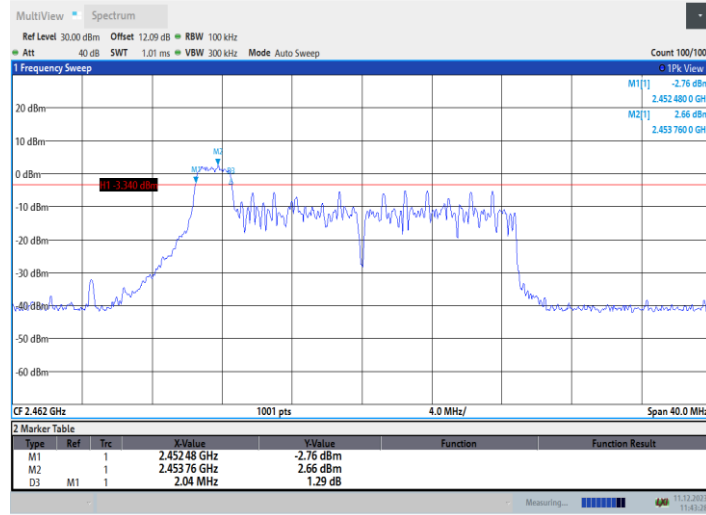
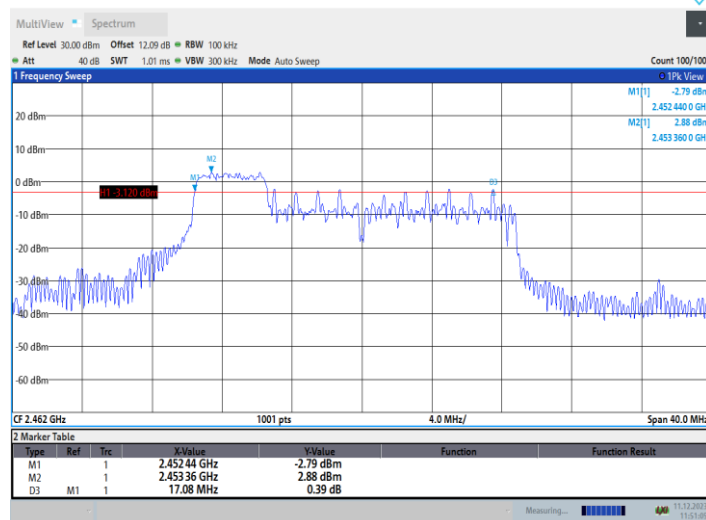


11AX20MIMO_Ant1_2462_26Tone_RU0



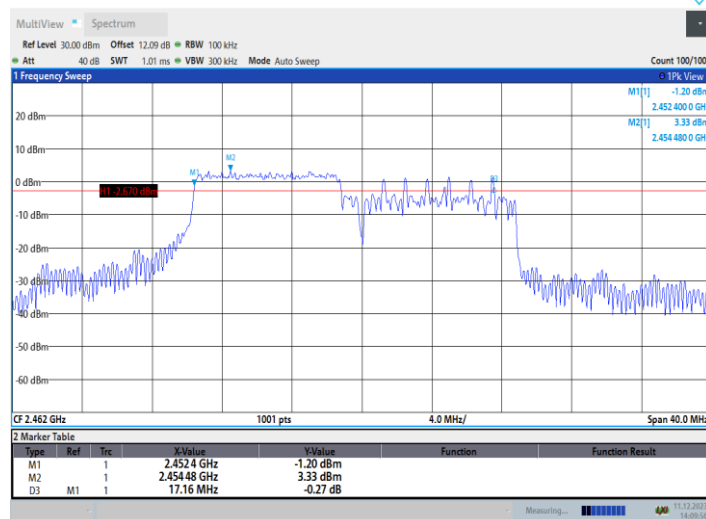
11:43:29 11.12.2023

11AX20MIMO_Ant1_2462_52Tone_RU37



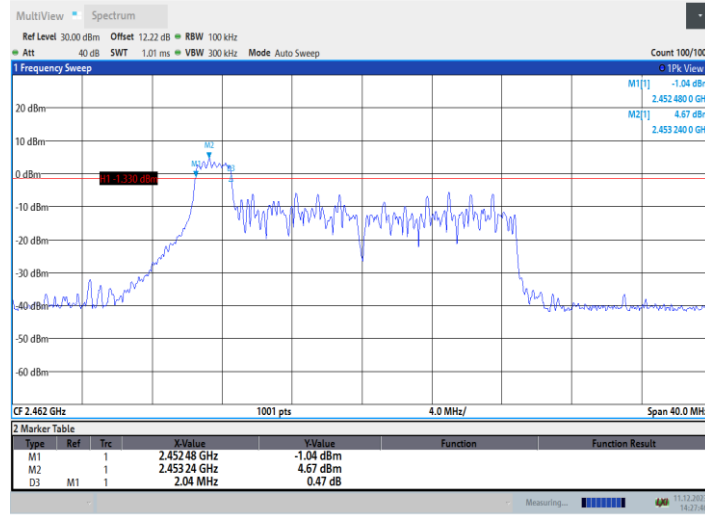
11:51:05 11.12.2023

11AX20MIMO_Ant1_2462_106Tone_RU53



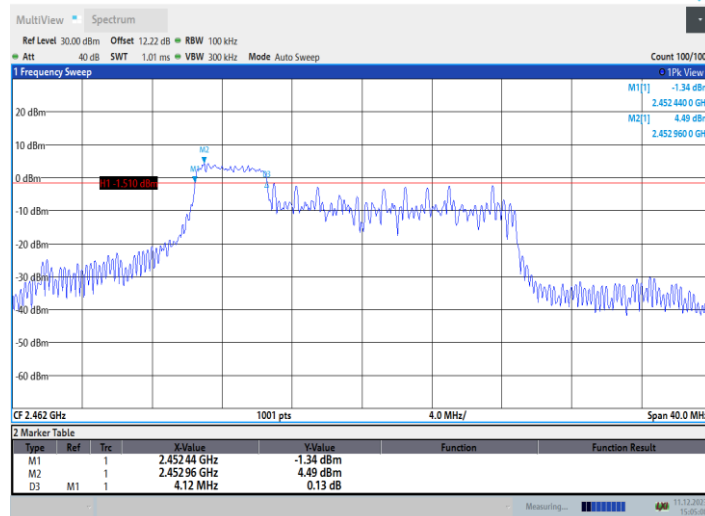
14:09:57 11.12.2023

11AX20MIMO_Ant2_2462_26Tone_RU0



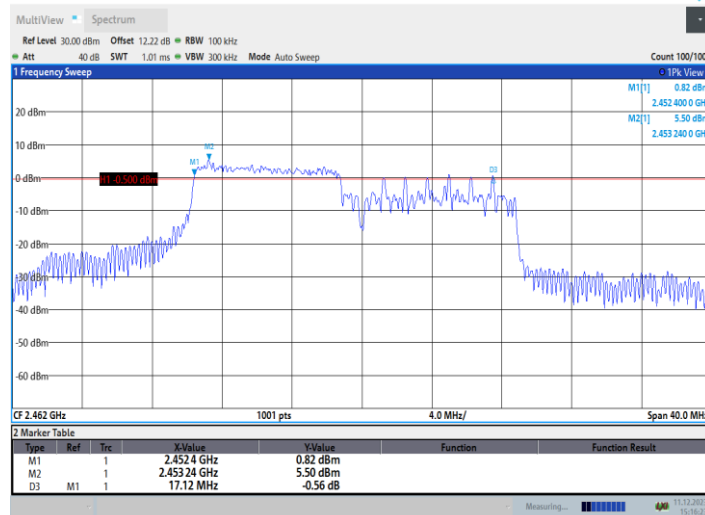
14:27:46 11.12.2023

11AX20MIMO_Ant2_2462_52Tone_RU37



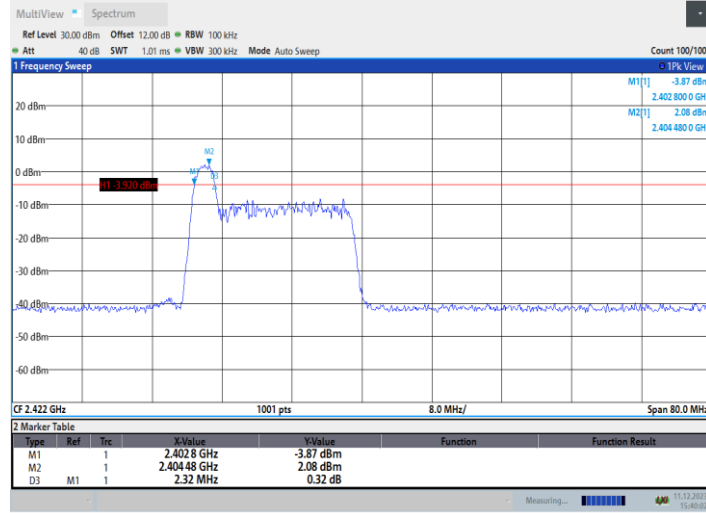
15:05:08 11.12.2023

11AX20MIMO_Ant2_2462_106Tone_RU53



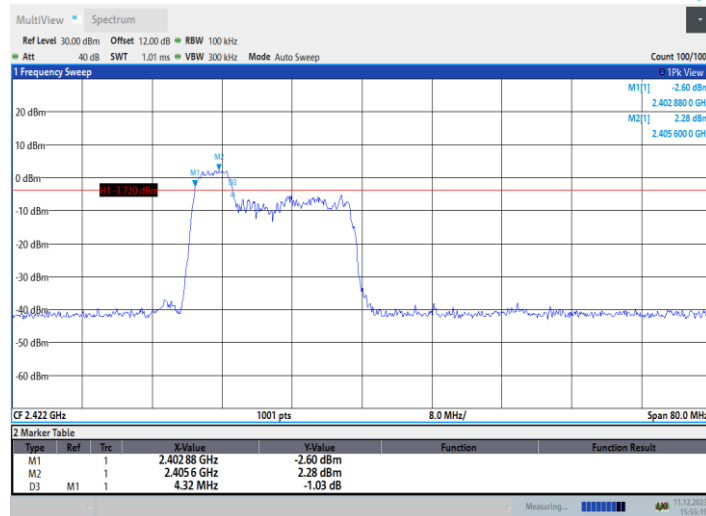
15:16:24 11.12.2023

11AX40MIMO_Ant1_2422_26Tone_RU0



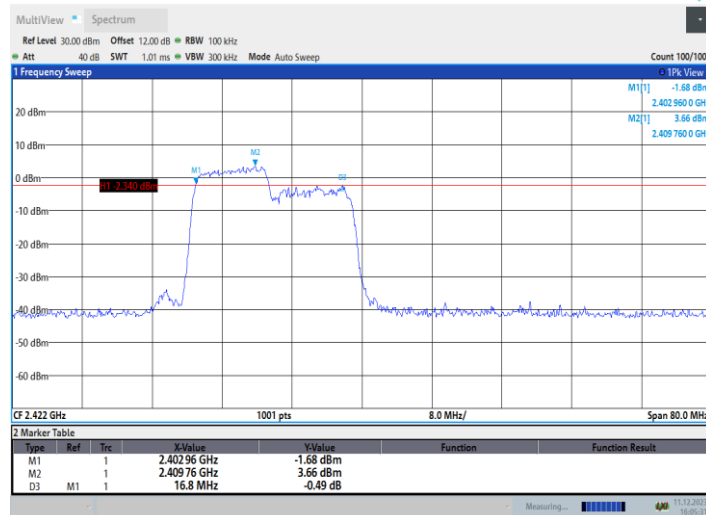
15:40:02 11.12.2023

11AX40MIMO_Ant1_2422_52Tone_RU37



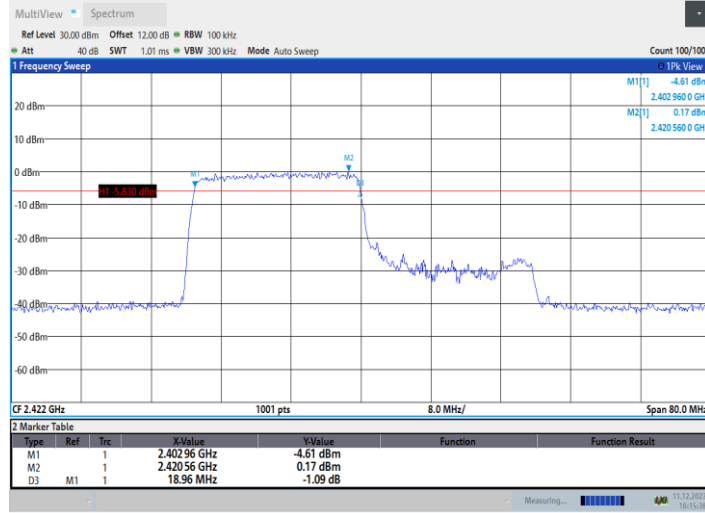
15:55:20 11.12.2023

11AX40MIMO_Ant1_2422_106Tone_RU53



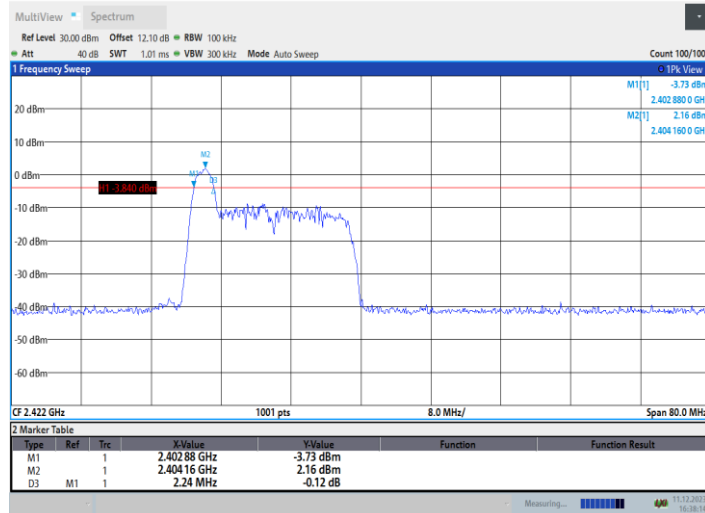
16:05:32 11.12.2023

11AX40MIMO_Ant1_2422_242Tone_RU61



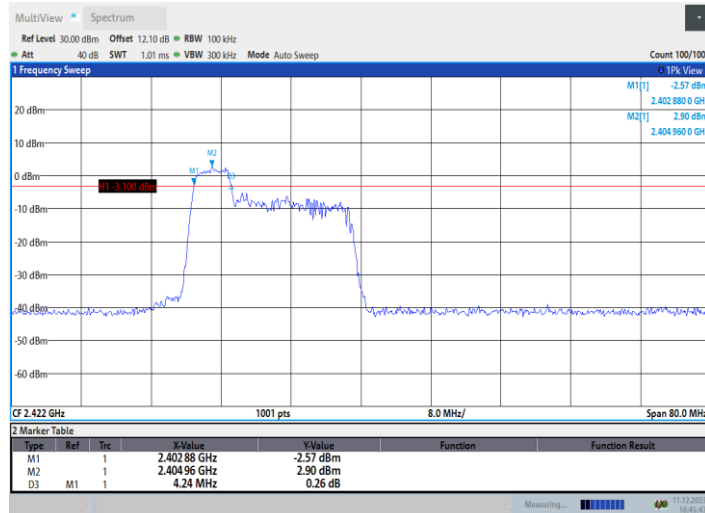
16:15:38 11.12.2023

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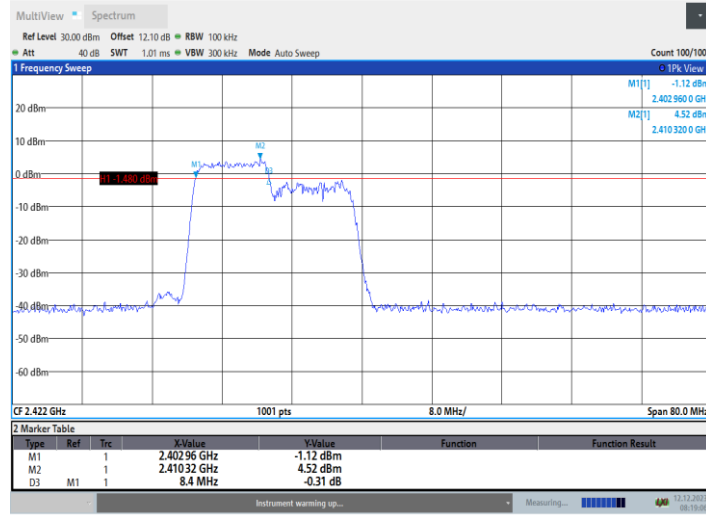
16:38:15 11.12.2023

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16:45:44 11.12.2023

11AX40MIMO_Ant2_2422_106Tone_RU53



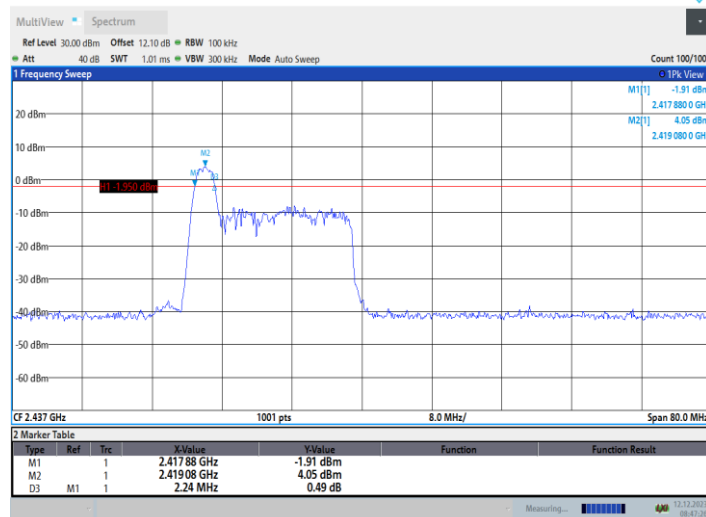
08:19:07 12.12.2023

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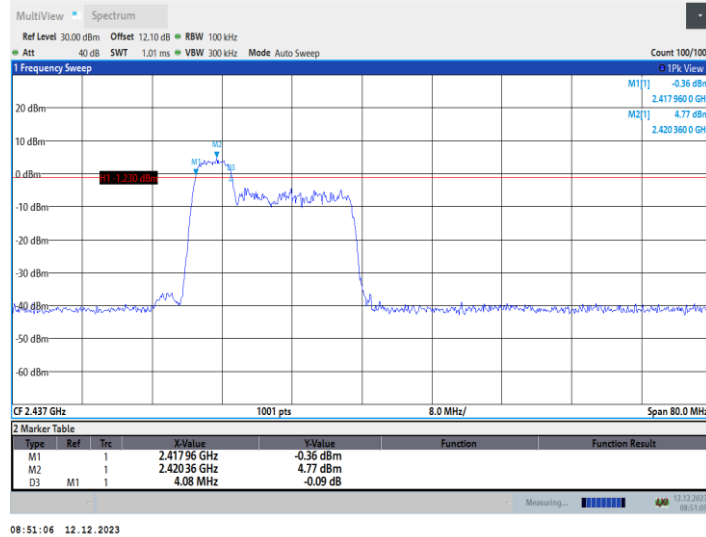
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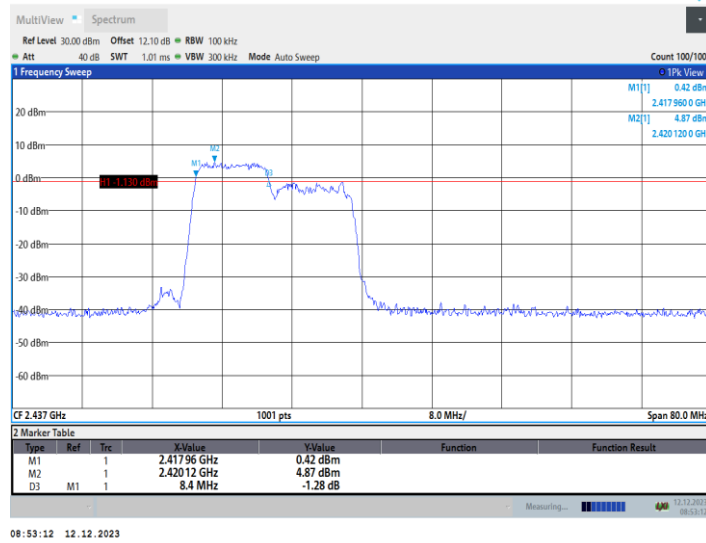


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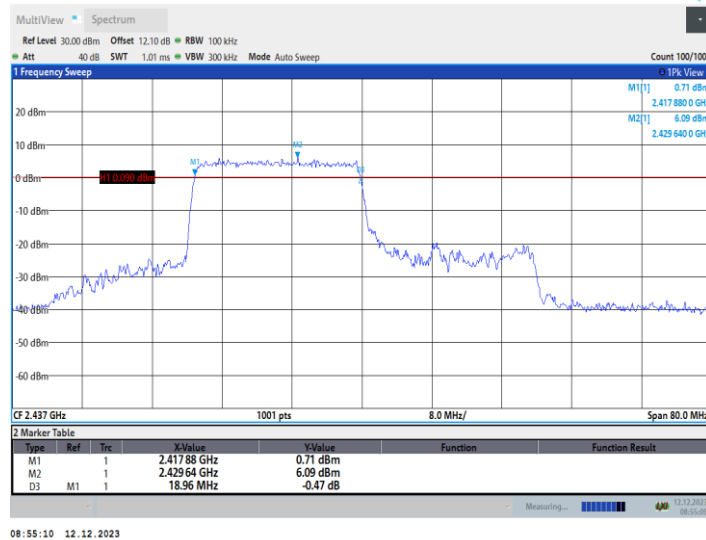
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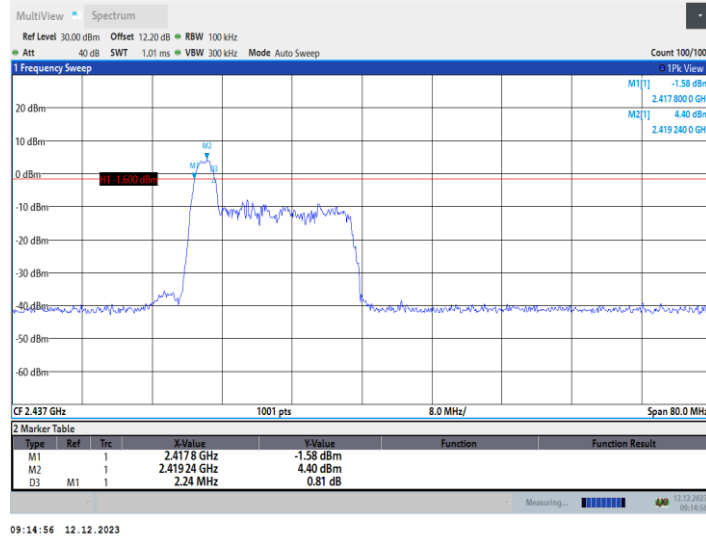
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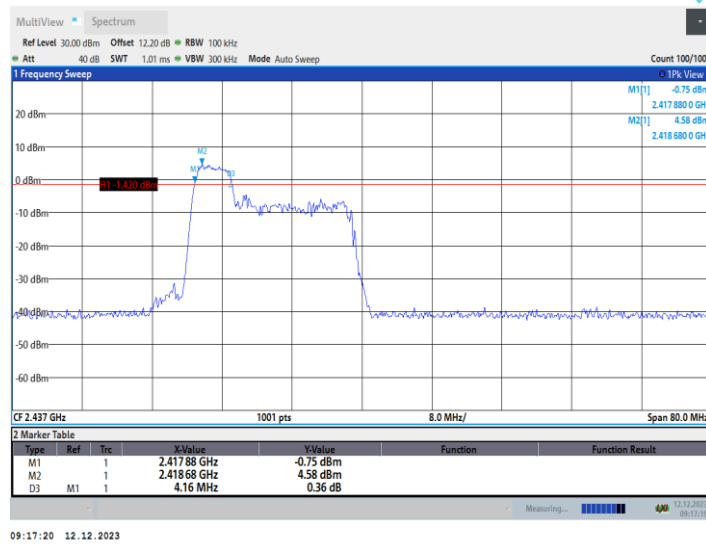
11AX40MIMO_Ant1_2437_242Tone_RU61



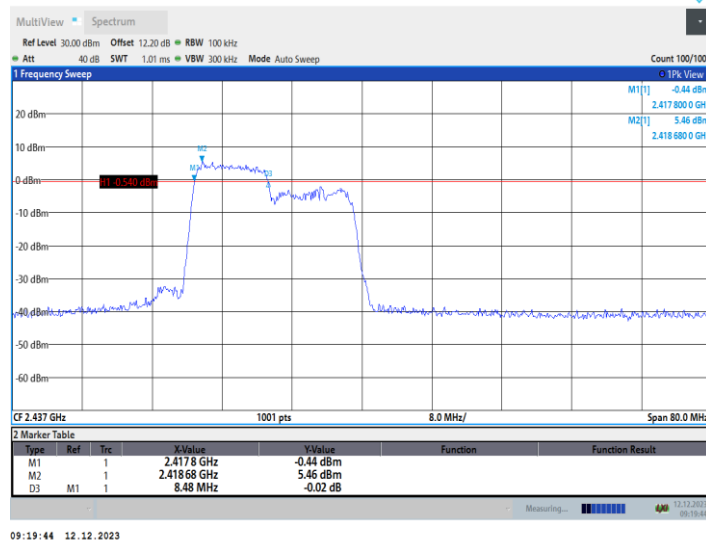
11AX40MIMO_Ant2_2437_26Tone_RU0



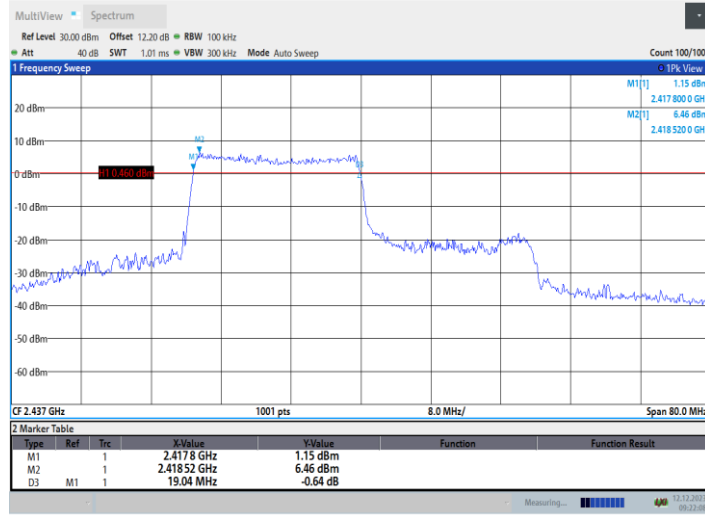
11AX40MIMO_Ant2_2437_52Tone_RU37



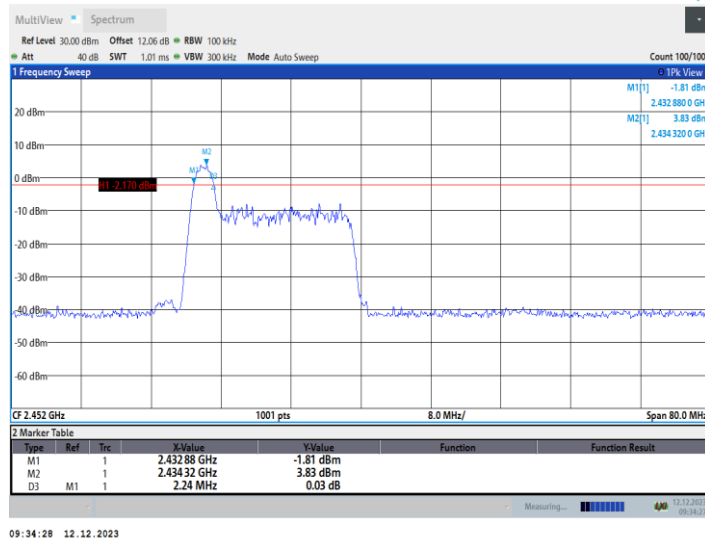
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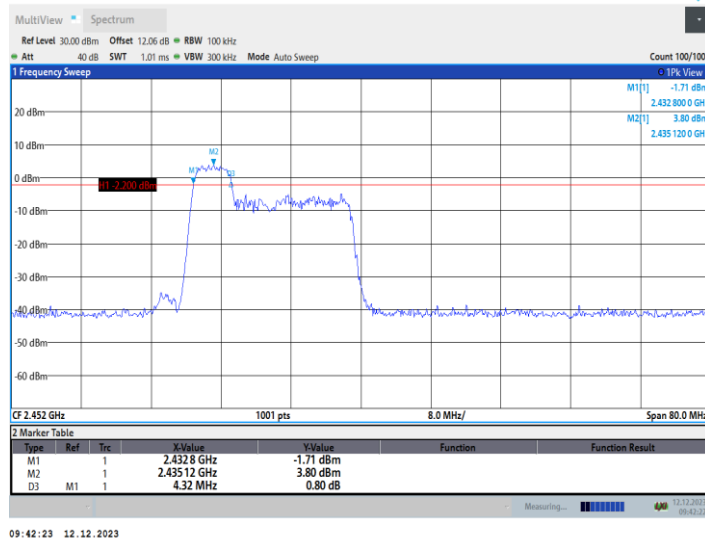
11AX40MIMO_Ant2_2437_242Tone_RU61



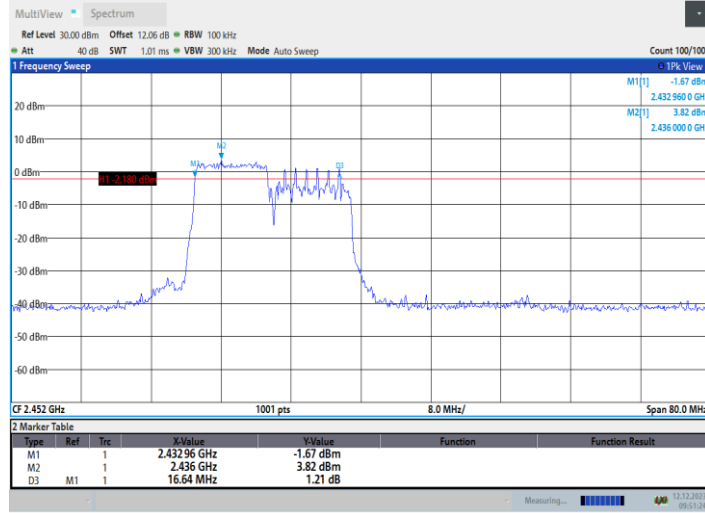
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11AX40MIMO_Ant1_2452_52Tone_RU37

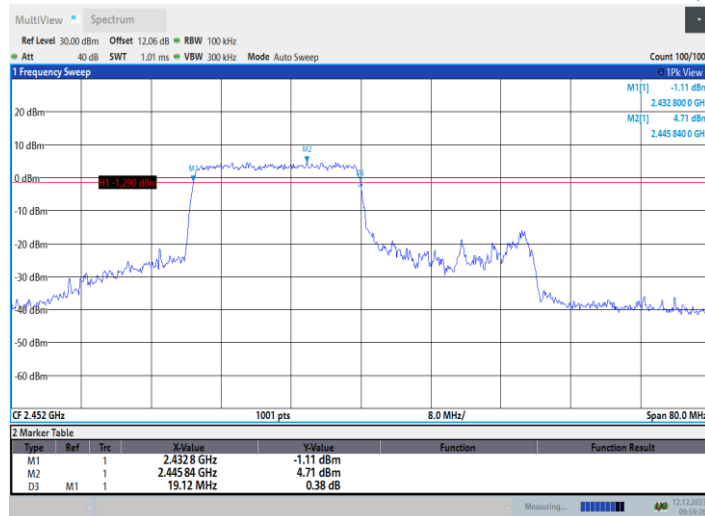


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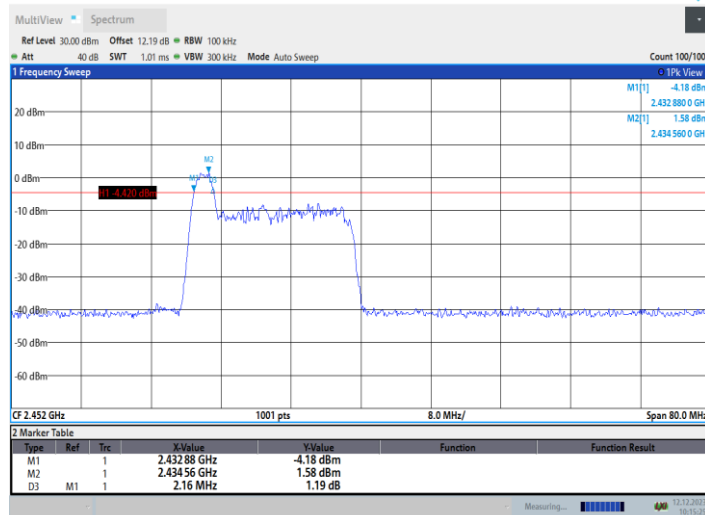
09:51:25 12.12.2023

11AX40MIMO_Ant1_2452_242Tone_RU61



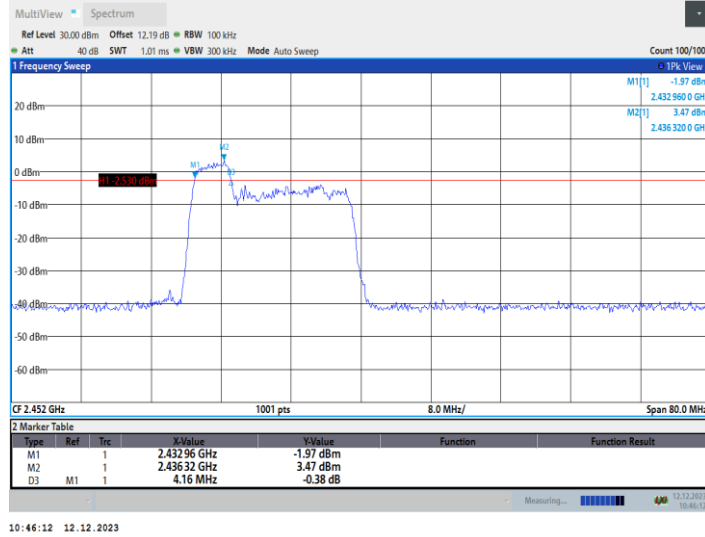
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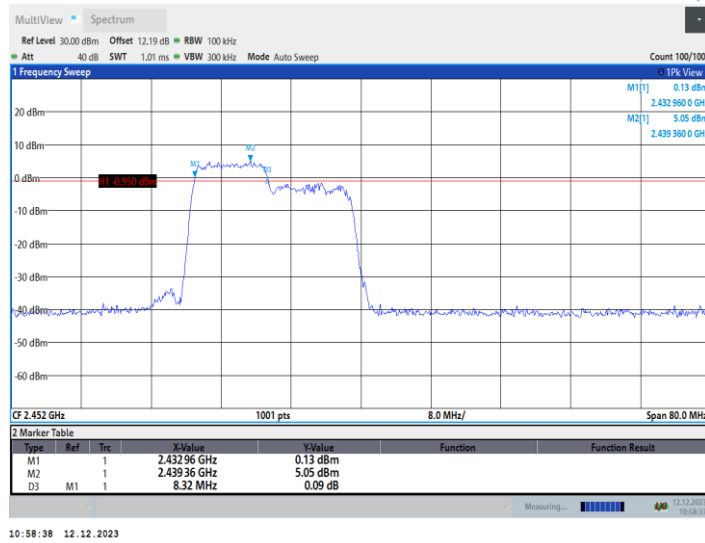


10:15:26 12.12.2023

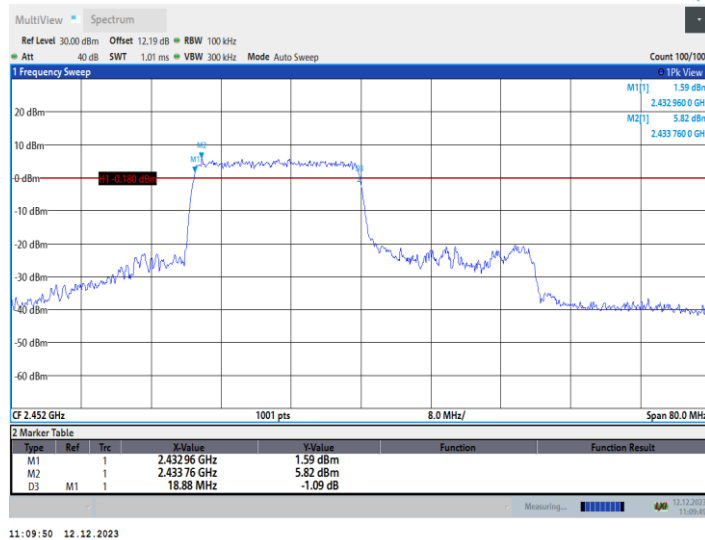
11AX40MIMO_Ant2_2452_52Tone_RU37



11AX40MIMO_Ant2_2452_106Tone_RU53



11AX40MIMO_Ant2_2452_242Tone_RU61



7. MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

7.1. LIMITS OF Maximum Conducted Output Power Measurement

CFR 47 (FCC) part 15.247 (b) (3)

7.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.9

The following procedure can be used when the maximum available RBW of the instrument is less than the DTS bandwidth:

DTS bandwidth:

- a) Set the RBW = 1 MHz.
- b) Set the VBW $\geq [3 \times \text{RBW}]$.
- c) Set the span $\geq [1.5 \times \text{DTS bandwidth}]$.
- d) Detector = peak.
- e) Sweep time = auto couple.
- f) Trace mode = max hold.
- g) Allow trace to fully stabilize.
- h) Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select the peak detector). If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS channel bandwidth.

7.3. TEST SETUP



7.4. TEST DATA

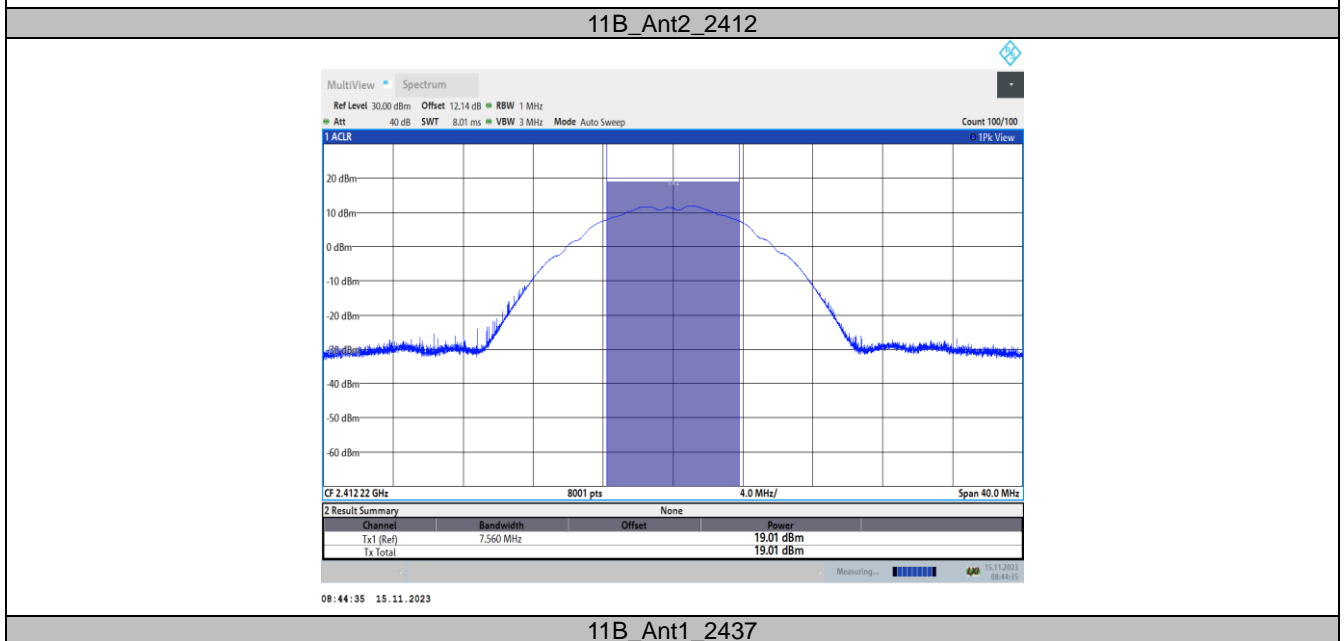
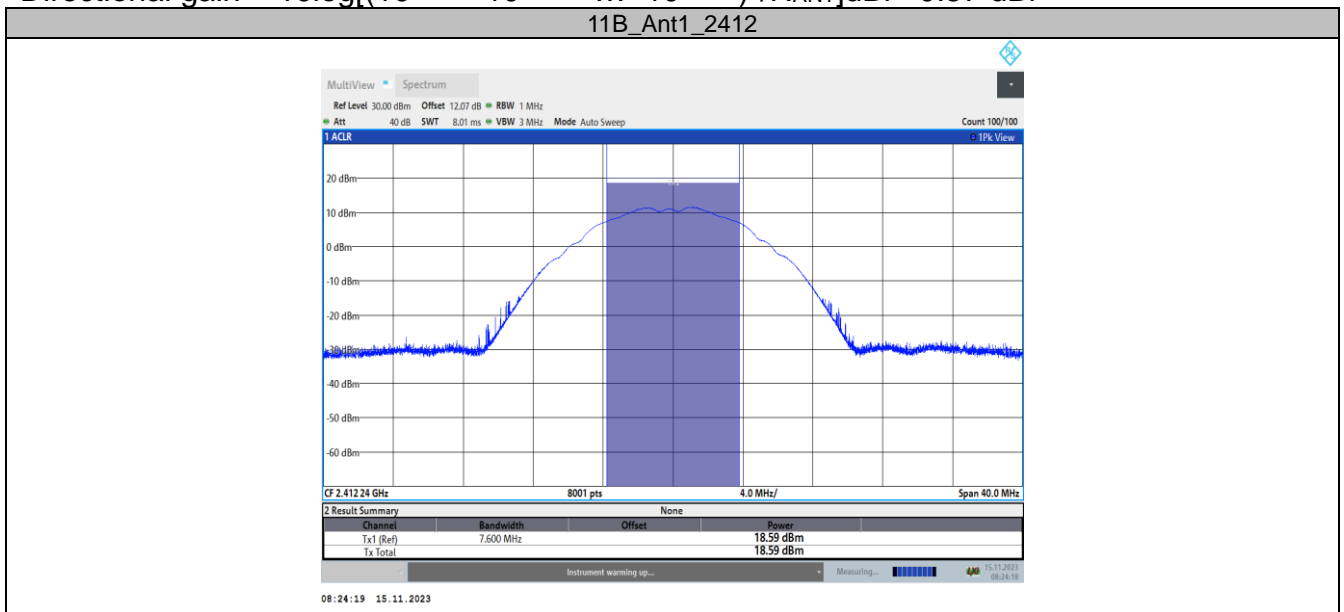
Maximum Conducted Output Power

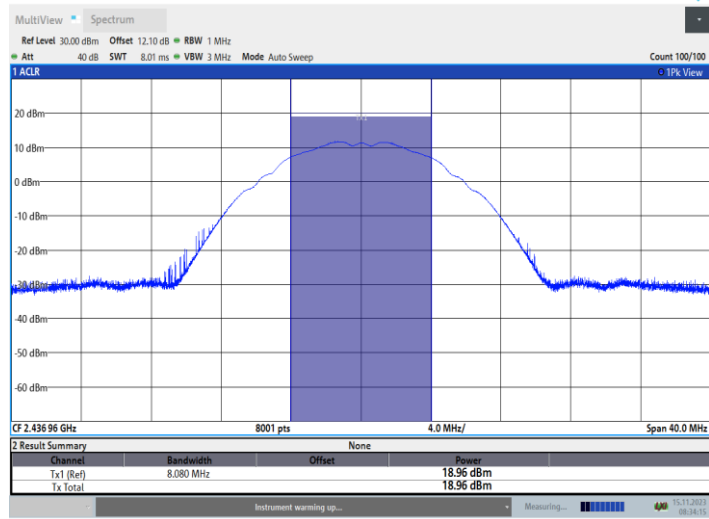
TestMode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Antenna Gain[dBi]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	18.59	≤30.00	-1.20	17.39	≤36.00	PASS
	Ant2	2412	19.01	≤30.00	-3.87	15.14	≤36.00	PASS
	Ant1	2437	18.96	≤30.00	-1.20	17.76	≤36.00	PASS
	Ant2	2437	18.93	≤30.00	-3.87	15.06	≤36.00	PASS
	Ant1	2462	19.61	≤30.00	-1.20	18.41	≤36.00	PASS
	Ant2	2462	19.86	≤30.00	-3.87	15.99	≤36.00	PASS
11G	Ant1	2412	23.26	≤30.00	-1.20	22.06	≤36.00	PASS
	Ant2	2412	24.87	≤30.00	-3.87	21.00	≤36.00	PASS
	Ant1	2437	23.67	≤30.00	-1.20	22.47	≤36.00	PASS
	Ant2	2437	26.90	≤30.00	-3.87	23.03	≤36.00	PASS
	Ant1	2462	23.88	≤30.00	-1.20	22.68	≤36.00	PASS
	Ant2	2462	24.15	≤30.00	-3.87	20.28	≤36.00	PASS
11N20MIMO	Ant1	2412	24.00	≤30.00	-1.20	22.80	≤36.00	PASS
	Ant2	2412	24.16	≤30.00	-3.87	20.29	≤36.00	PASS
	total	2412	27.09	≤30.00	0.57	27.66	≤36.00	PASS
	Ant1	2437	23.72	≤30.00	-1.20	22.52	≤36.00	PASS
	Ant2	2437	24.43	≤30.00	-3.87	20.56	≤36.00	PASS
	total	2437	27.10	≤30.00	0.57	27.67	≤36.00	PASS
	Ant1	2462	23.80	≤30.00	-1.20	22.60	≤36.00	PASS
	Ant2	2462	24.67	≤30.00	-3.87	20.80	≤36.00	PASS
total	2462	27.27	≤30.00	0.57	27.84	≤36.00	PASS	
11N40MIMO	Ant1	2422	23.50	≤30.00	-1.20	22.30	≤36.00	PASS
	Ant2	2422	24.35	≤30.00	-3.87	20.48	≤36.00	PASS
	total	2422	26.96	≤30.00	0.57	27.53	≤36.00	PASS
	Ant1	2437	23.84	≤30.00	-1.20	22.64	≤36.00	PASS
	Ant2	2437	25.34	≤30.00	-3.87	21.47	≤36.00	PASS
	total	2437	27.66	≤30.00	0.57	28.23	≤36.00	PASS
	Ant1	2452	24.11	≤30.00	-1.20	22.91	≤36.00	PASS
	Ant2	2452	25.53	≤30.00	-3.87	21.66	≤36.00	PASS
total	2452	27.89	≤30.00	0.57	28.46	≤36.00	PASS	
11AC20MIMO	Ant1	2412	22.70	≤30.00	-1.20	21.50	≤36.00	PASS
	Ant2	2412	22.28	≤30.00	-3.87	18.41	≤36.00	PASS
	total	2412	25.51	≤30.00	0.57	26.08	≤36.00	PASS
	Ant1	2437	22.82	≤30.00	-1.20	21.62	≤36.00	PASS
	Ant2	2437	23.17	≤30.00	-3.87	19.30	≤36.00	PASS
	total	2437	26.01	≤30.00	0.57	26.58	≤36.00	PASS
	Ant1	2462	23.55	≤30.00	-1.20	22.35	≤36.00	PASS
	Ant2	2462	23.24	≤30.00	-3.87	19.37	≤36.00	PASS
total	2462	26.41	≤30.00	0.57	26.98	≤36.00	PASS	
11AC40MIMO	Ant1	2422	23.47	≤30.00	-1.20	22.27	≤36.00	PASS
	Ant2	2422	23.30	≤30.00	-3.87	19.43	≤36.00	PASS
	total	2422	26.40	≤30.00	0.57	26.97	≤36.00	PASS
	Ant1	2437	22.99	≤30.00	-1.20	21.79	≤36.00	PASS
	Ant2	2437	23.46	≤30.00	-3.87	19.59	≤36.00	PASS
	total	2437	26.24	≤30.00	0.57	26.81	≤36.00	PASS
	Ant1	2452	22.72	≤30.00	-1.20	21.52	≤36.00	PASS
	Ant2	2452	24.61	≤30.00	-3.87	20.74	≤36.00	PASS
total	2452	26.78	≤30.00	0.57	27.35	≤36.00	PASS	
11AX20MIMO	Ant1	2412	24.88	≤30.00	-1.20	23.68	≤36.00	PASS
	Ant2	2412	24.42	≤30.00	-3.87	20.55	≤36.00	PASS
	total	2412	27.67	≤30.00	0.57	28.24	≤36.00	PASS
	Ant1	2437	24.86	≤30.00	-1.20	23.66	≤36.00	PASS
	Ant2	2437	26.72	≤30.00	-3.87	22.85	≤36.00	PASS
	total	2437	28.90	≤30.00	0.57	29.47	≤36.00	PASS
	Ant1	2462	24.57	≤30.00	-1.20	23.37	≤36.00	PASS
	Ant2	2462	25.55	≤30.00	-3.87	21.68	≤36.00	PASS
total	2462	28.10	≤30.00	0.57	28.67	≤36.00	PASS	
11AX40MIMO	Ant1	2422	24.79	≤30.00	-1.20	23.59	≤36.00	PASS
	Ant2	2422	26.60	≤30.00	-3.87	22.73	≤36.00	PASS

	total	2422	28.80	≤30.00	0.57	29.37	≤36.00	PASS
	Ant1	2437	25.44	≤30.00	-1.20	24.24	≤36.00	PASS
	Ant2	2437	25.35	≤30.00	-3.87	21.48	≤36.00	PASS
	total	2437	28.41	≤30.00	0.57	28.98	≤36.00	PASS
	Ant1	2452	24.62	≤30.00	-1.20	23.42	≤36.00	PASS
	Ant2	2452	24.92	≤30.00	-3.87	21.05	≤36.00	PASS
	total	2452	27.78	≤30.00	0.57	28.35	≤36.00	PASS

Per ANSI C63.10-2013 Subclause 14.4.3.

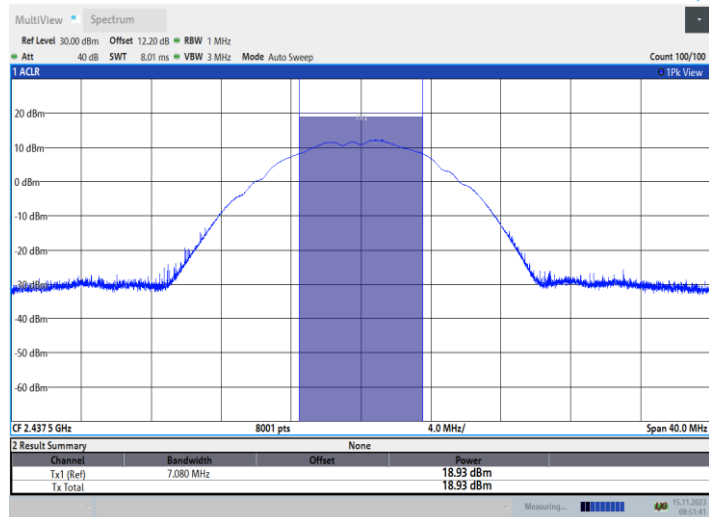
$$\text{Directional gain} = 10\log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{\text{ANT}}] \text{dBi} = 0.57 \text{ dBi}$$





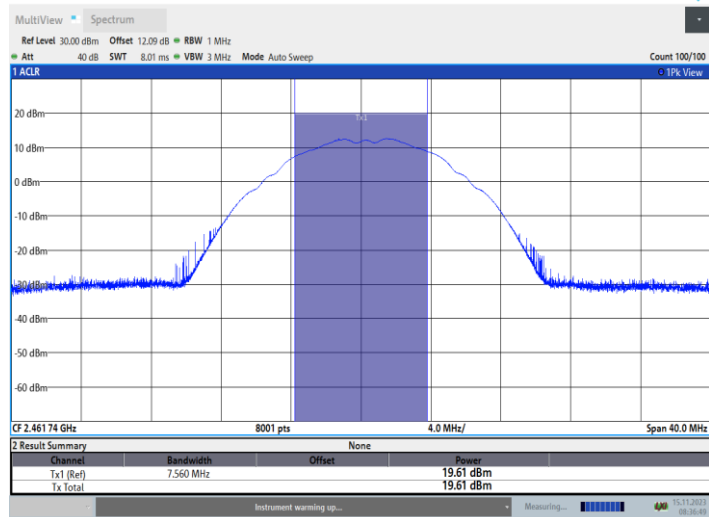
08:34:15 15.11.2023

11B_Ant2_2437



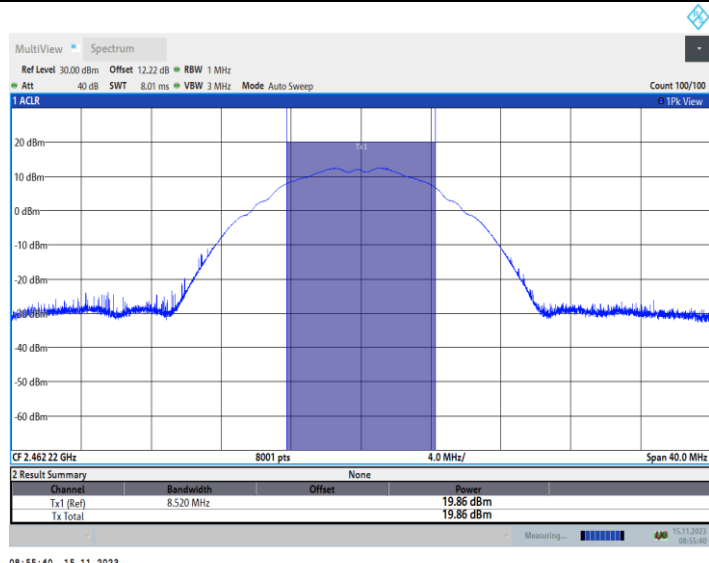
08:51:41 15.11.2023

11B_Ant1_2462

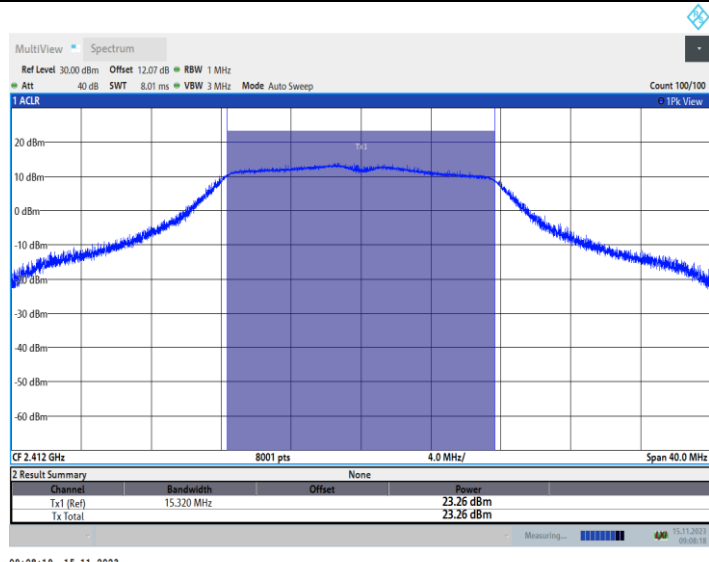


08:36:49 15.11.2023

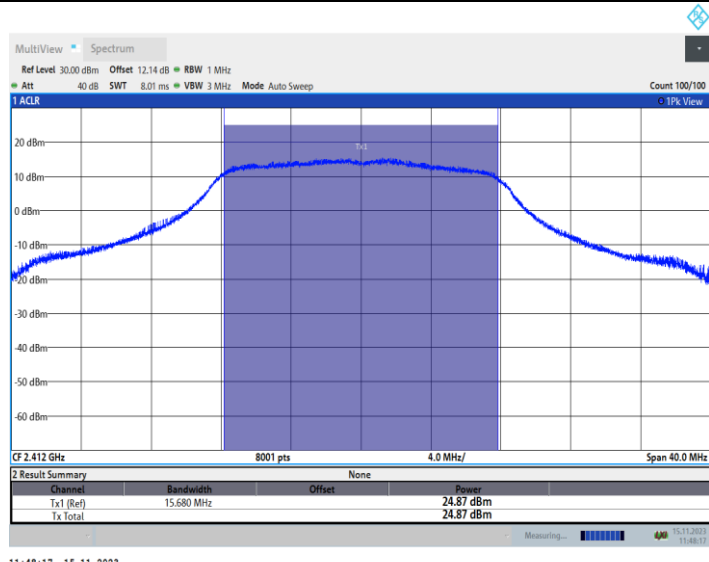
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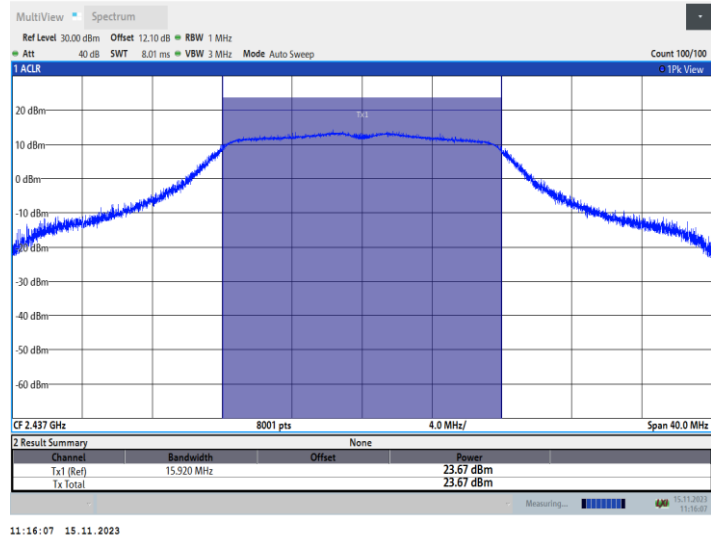
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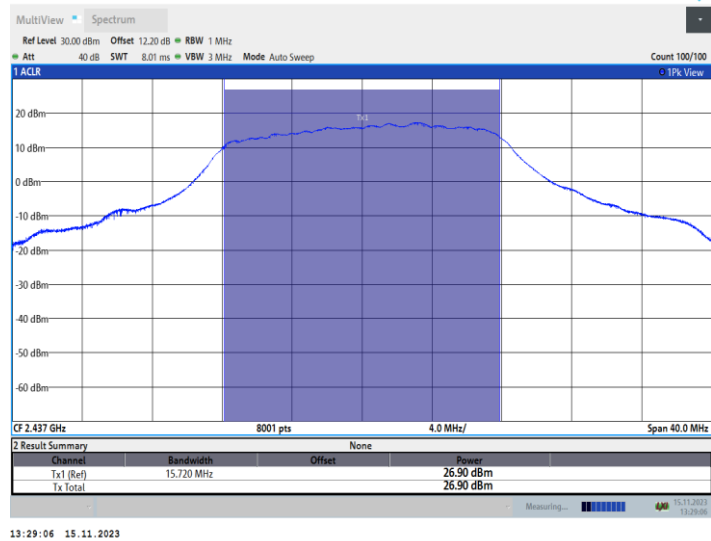
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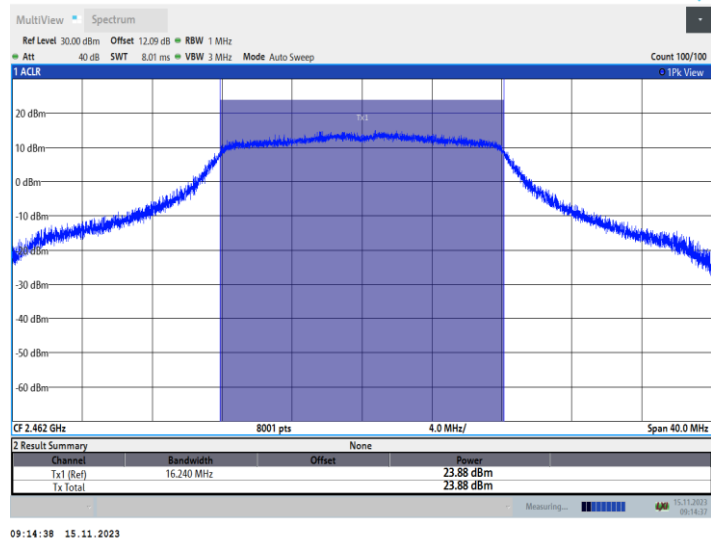
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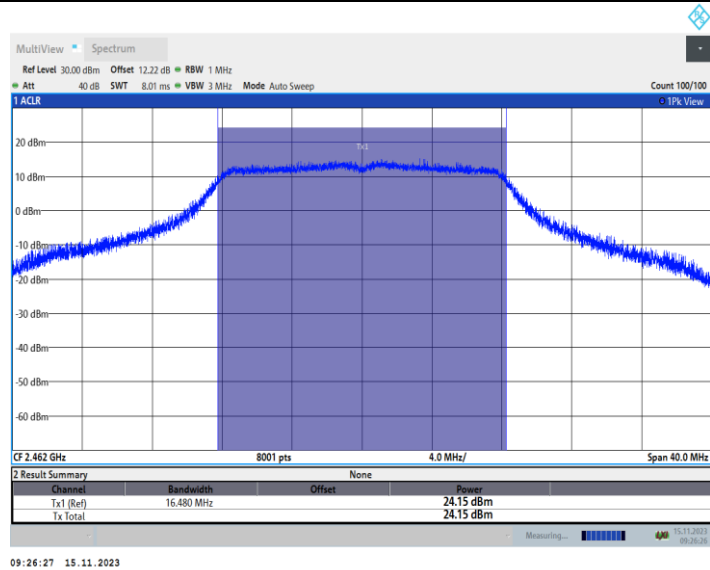
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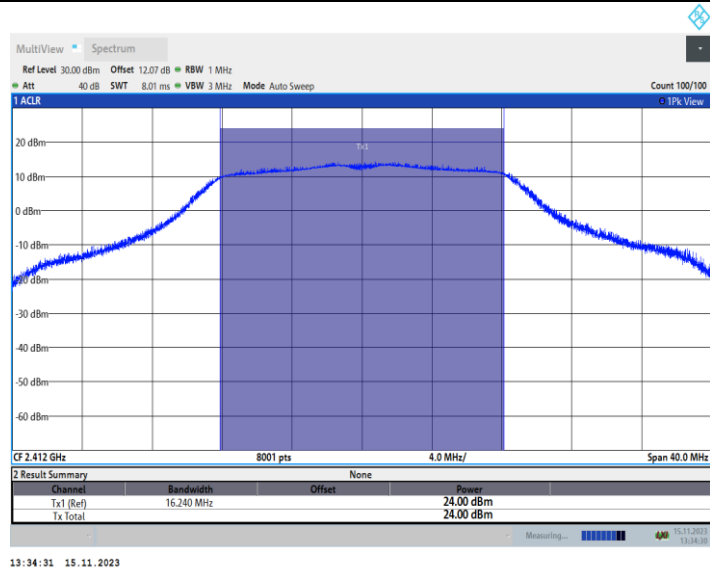
11G_Ant1_2462



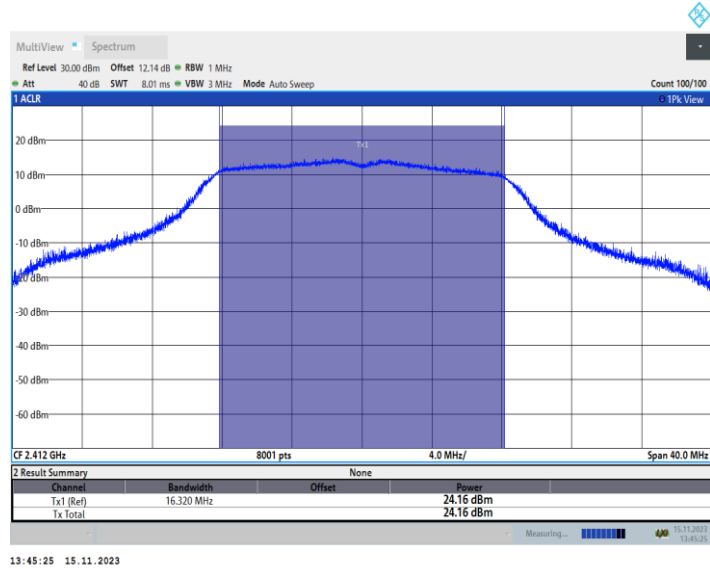
11G_Ant2_2462



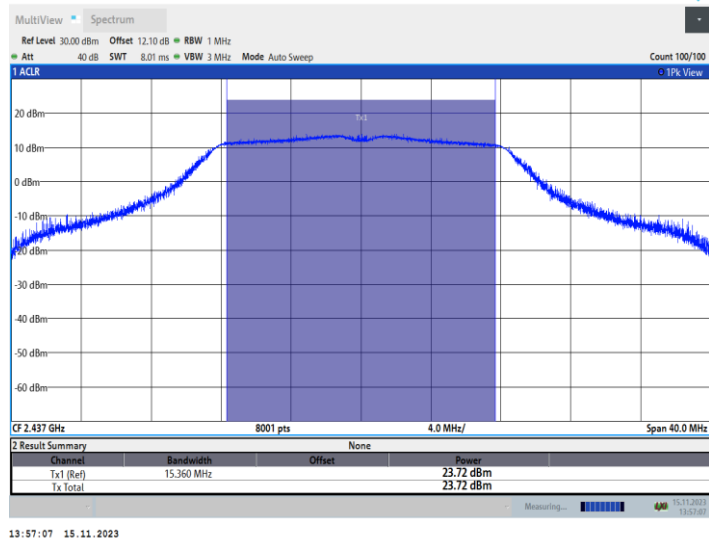
11N20MIMO_Ant1_2412



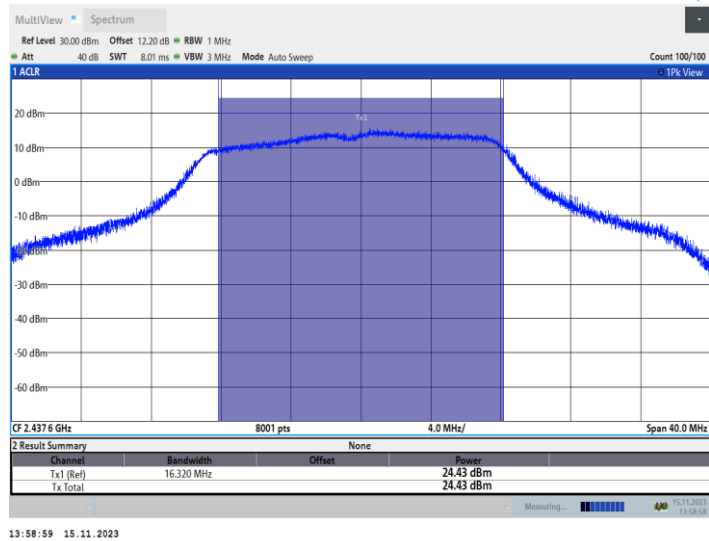
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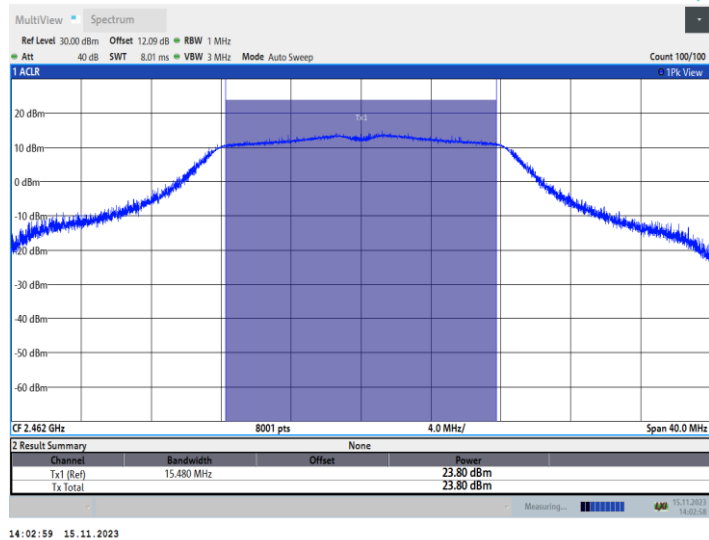
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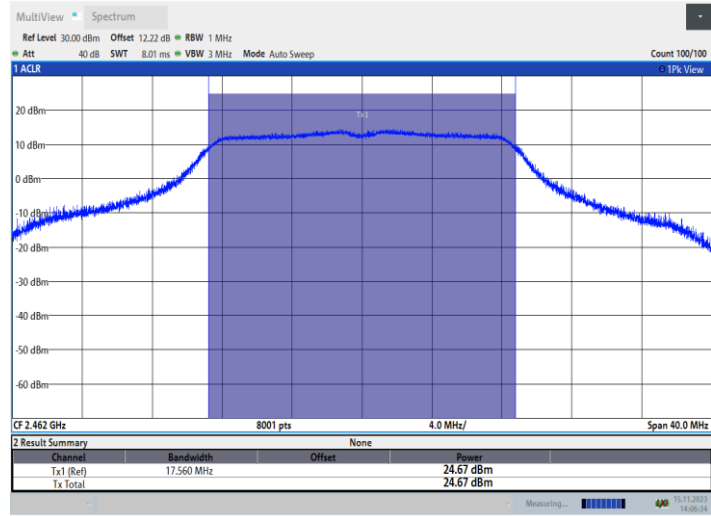
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11N20MIMO_Ant1_2462

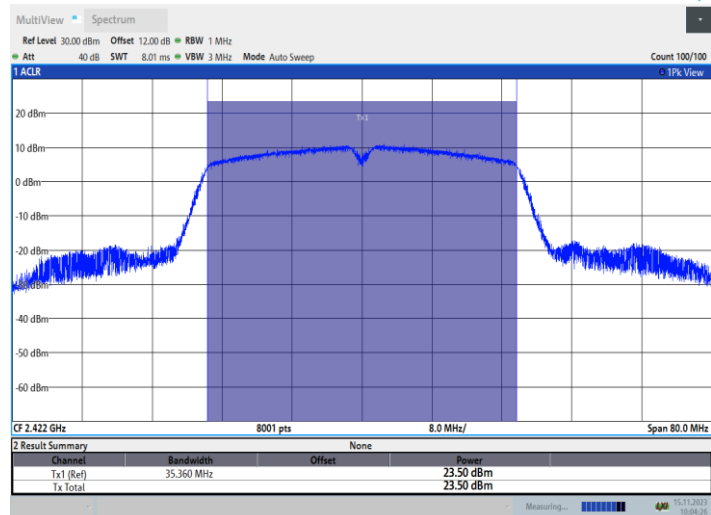


11N20MIMO_Ant2_2462



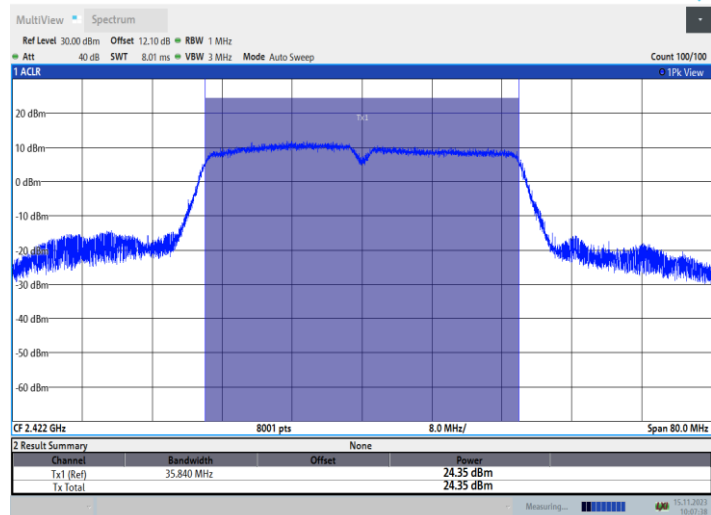
14:06:35 15.11.2023

11N40MIMO_Ant1_2422



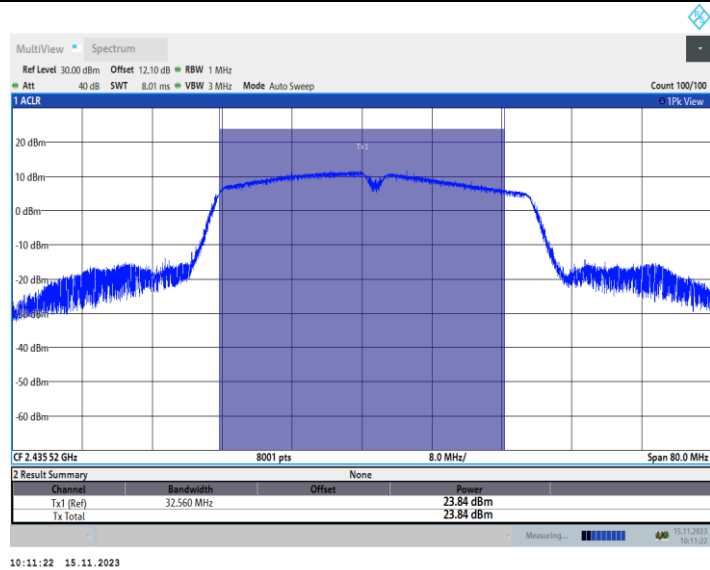
10:04:26 15.11.2023

11N40MIMO_Ant2_2422



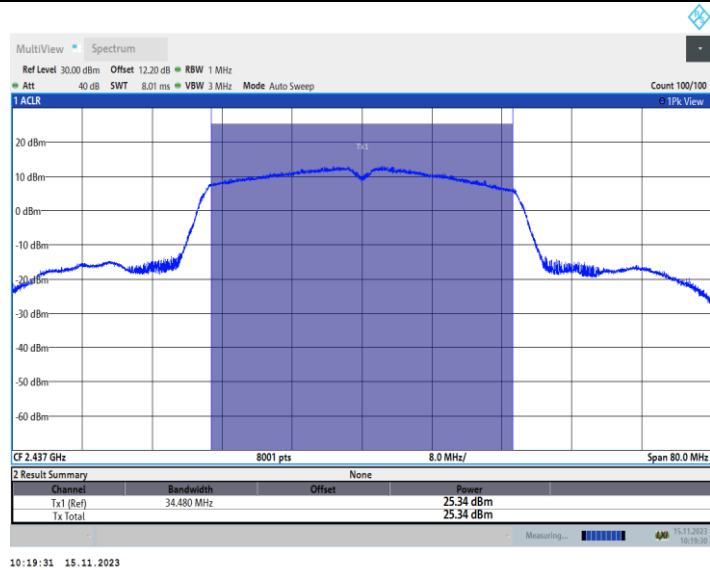
10:07:39 15.11.2023

11N40MIMO_Ant1_2437



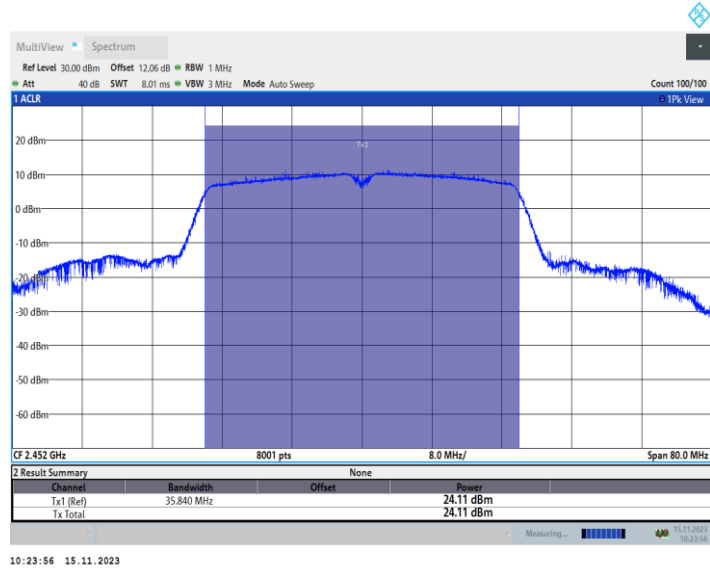
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11N40MIMO_Ant2_2437



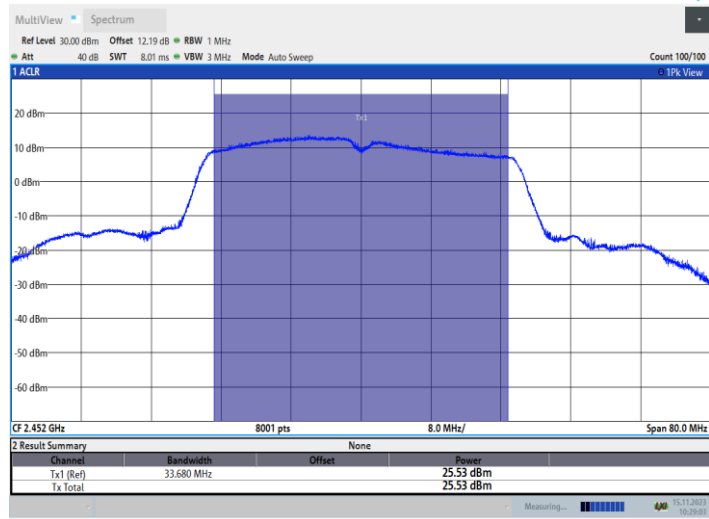
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11N40MIMO_Ant1_2452



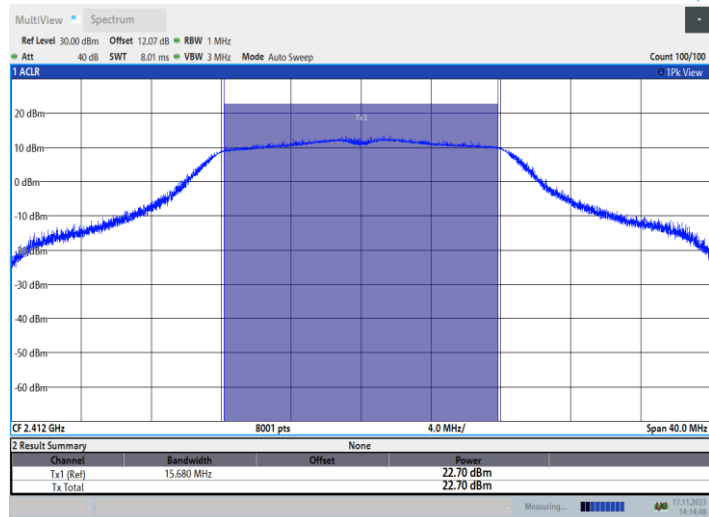
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11N40MIMO_Ant2_2452



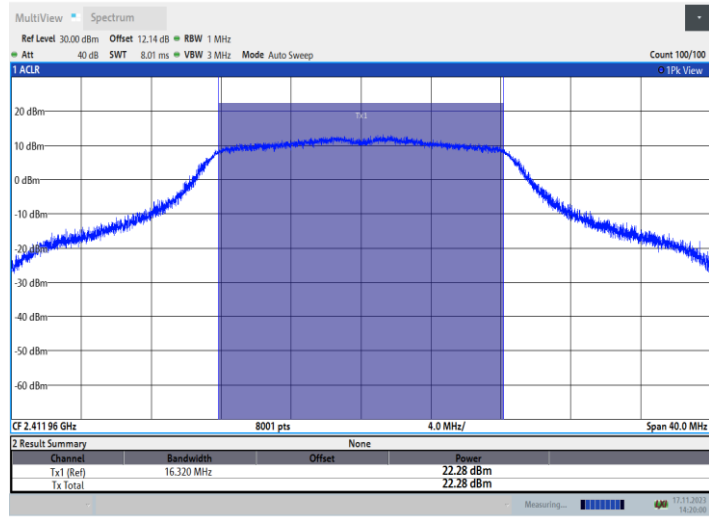
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11AC20MIMO_Ant1_2412



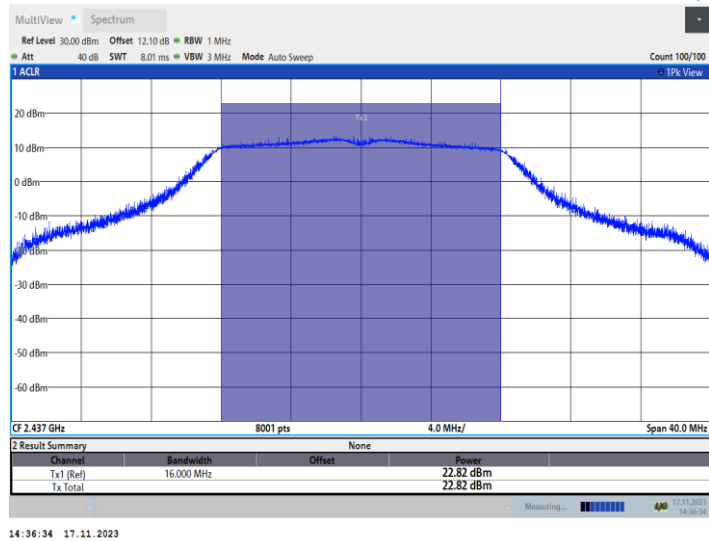
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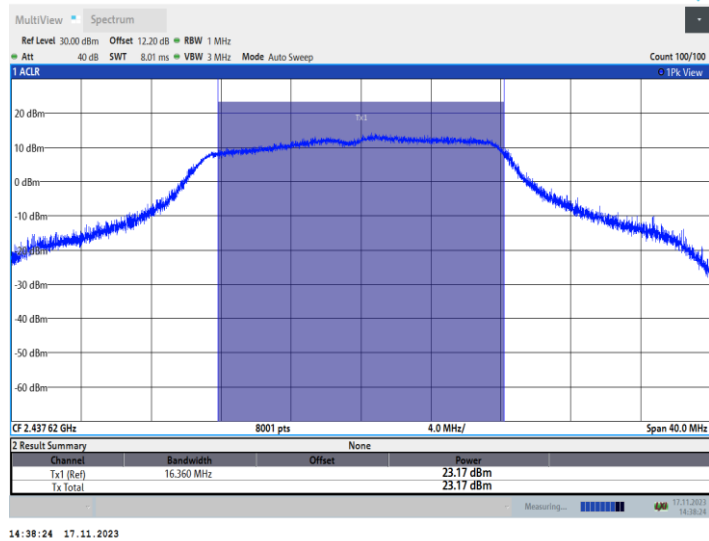


14:20:00 17.11.2023

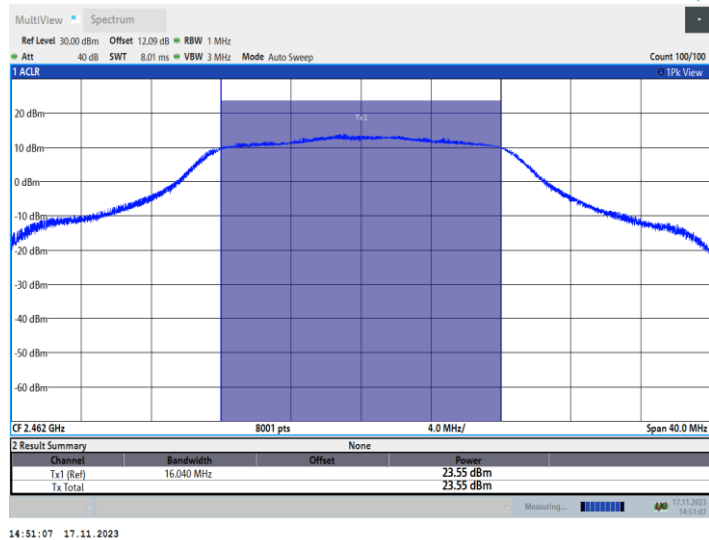
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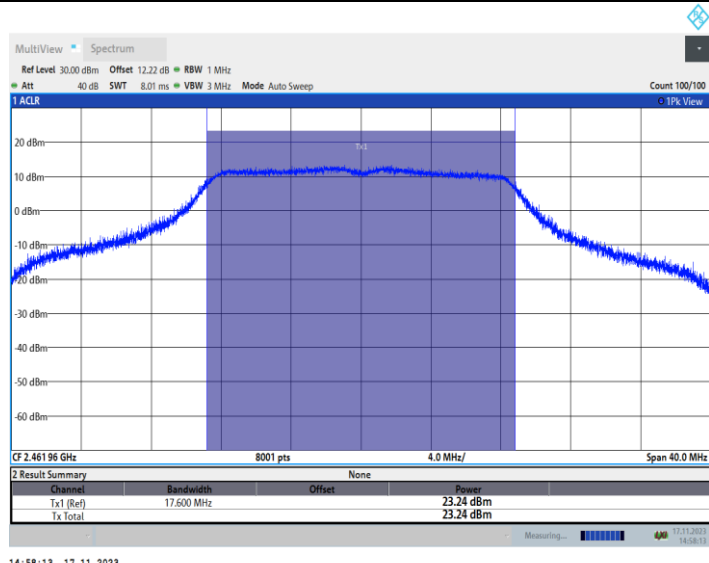
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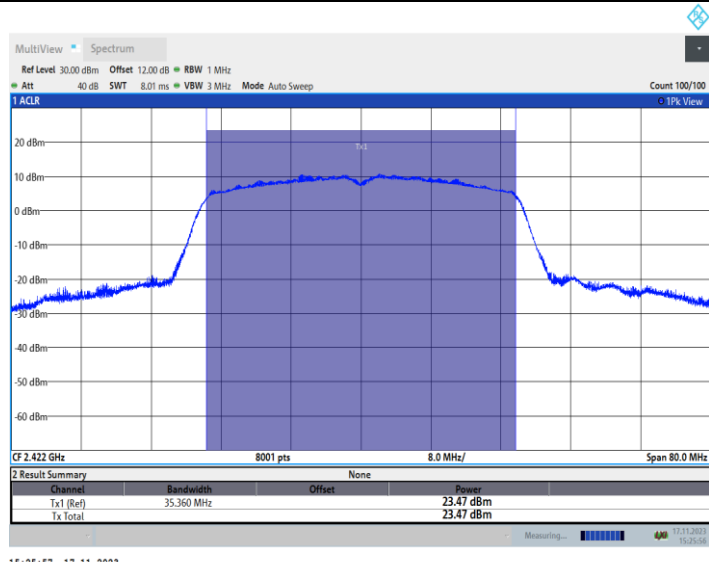
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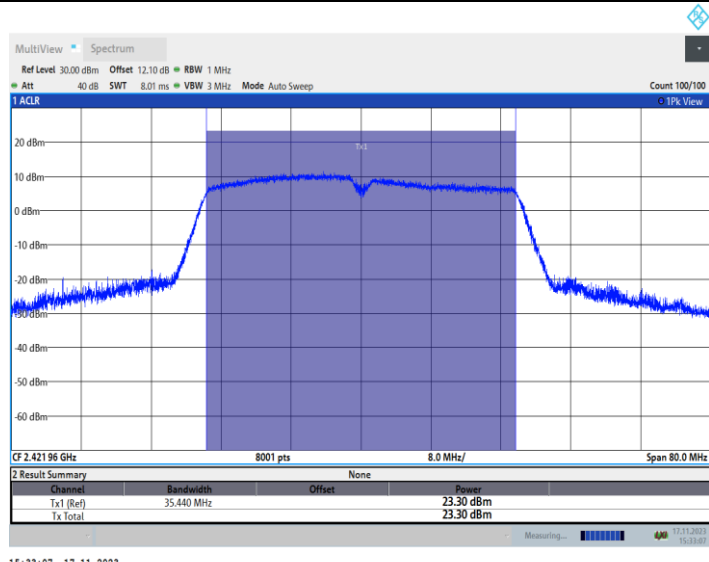
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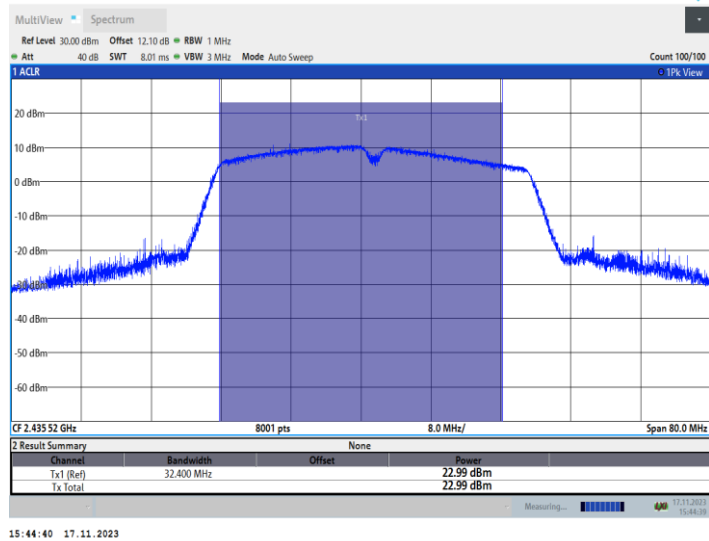
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11AC40MIMO_Ant2_2422

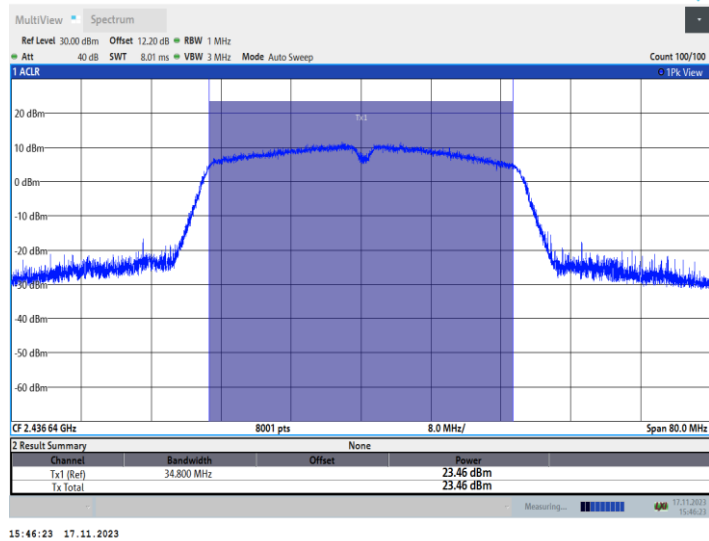


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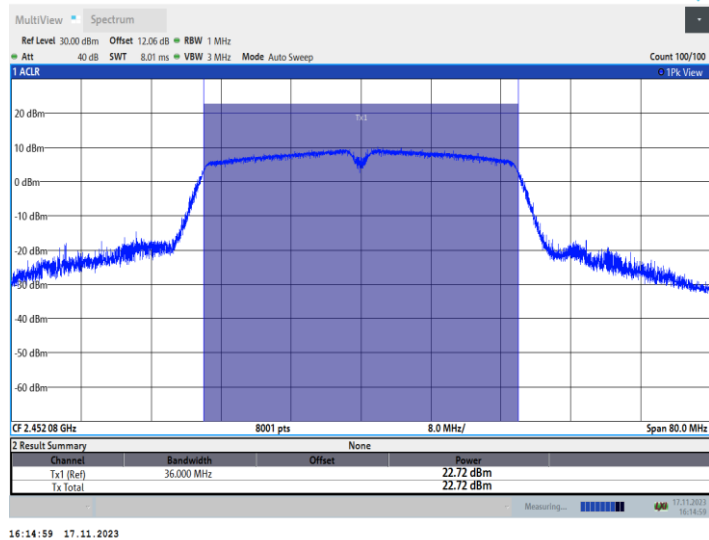
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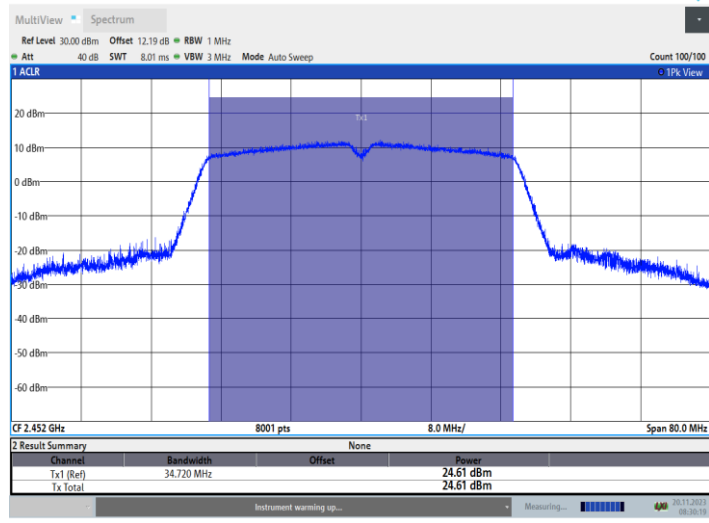
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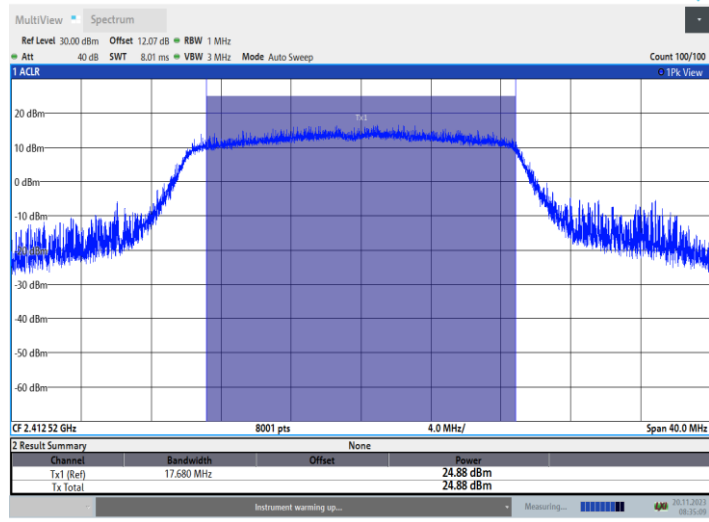


16:14:59 17.11.2023

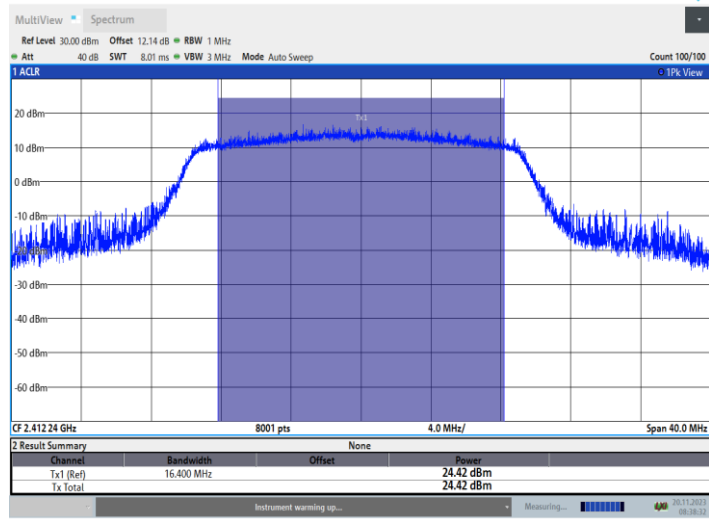
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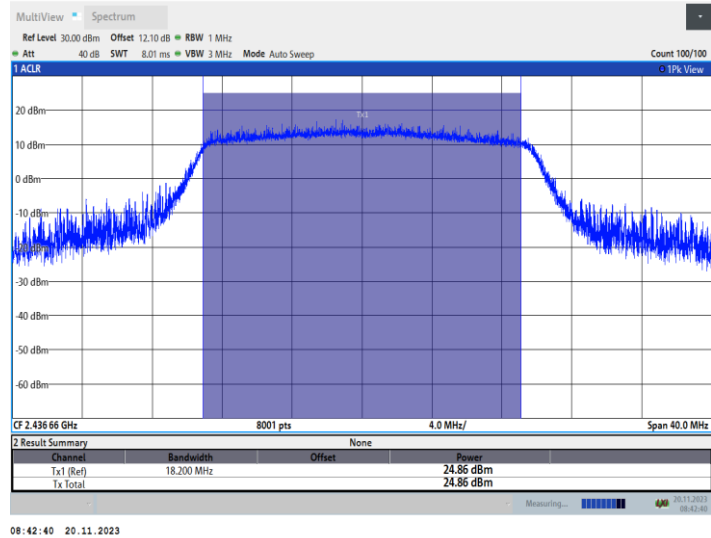
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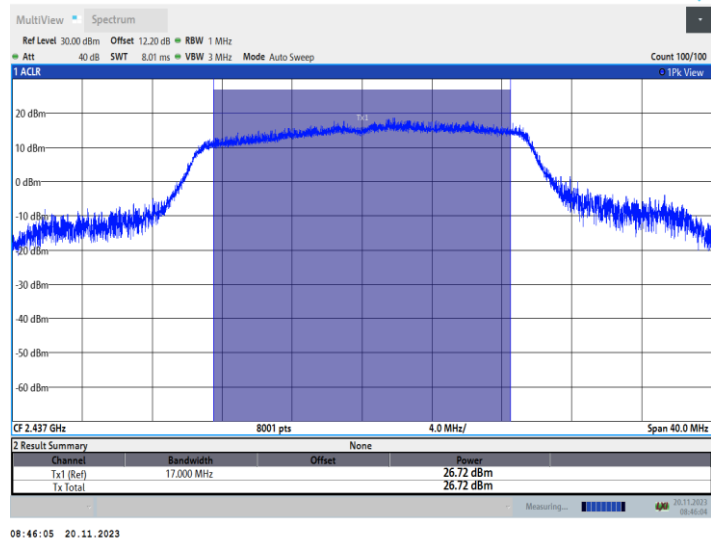
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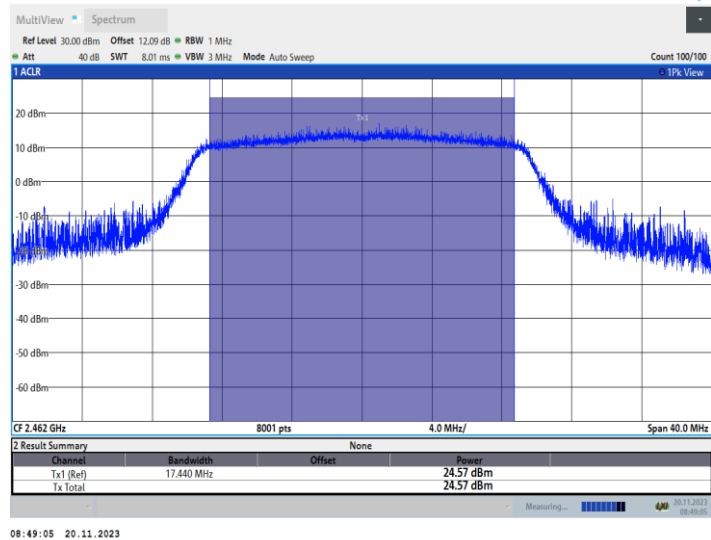
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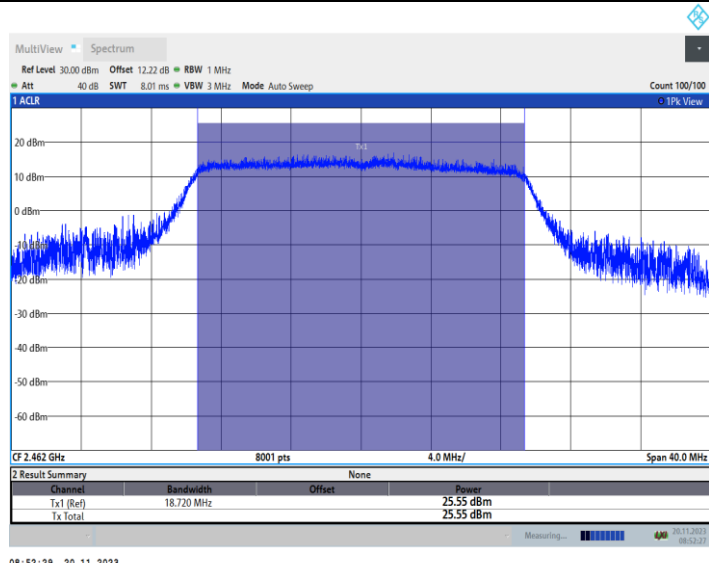
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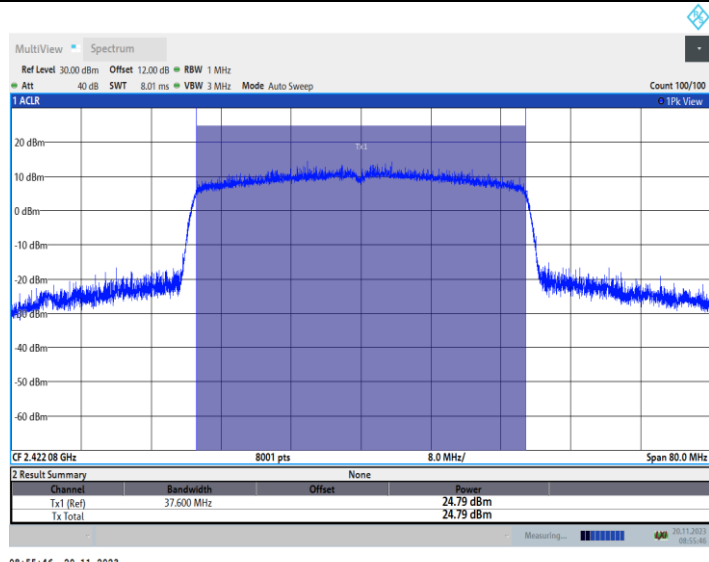
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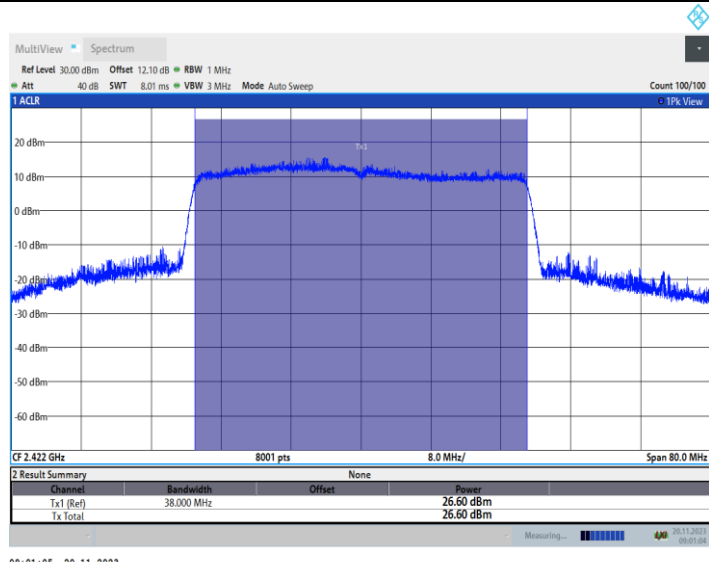
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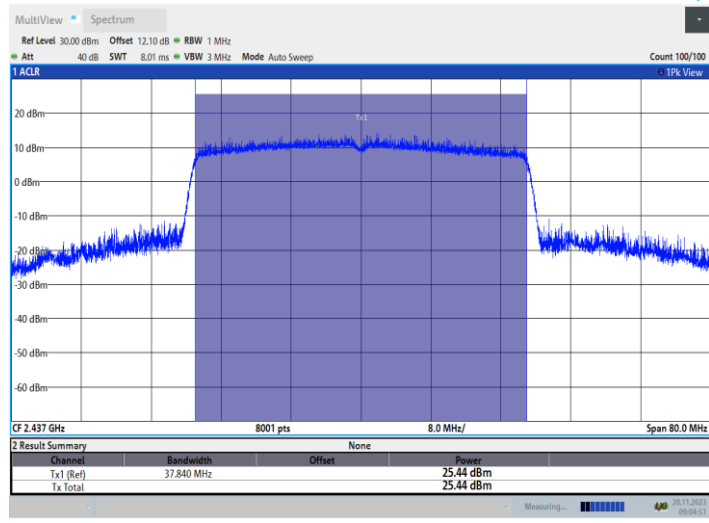
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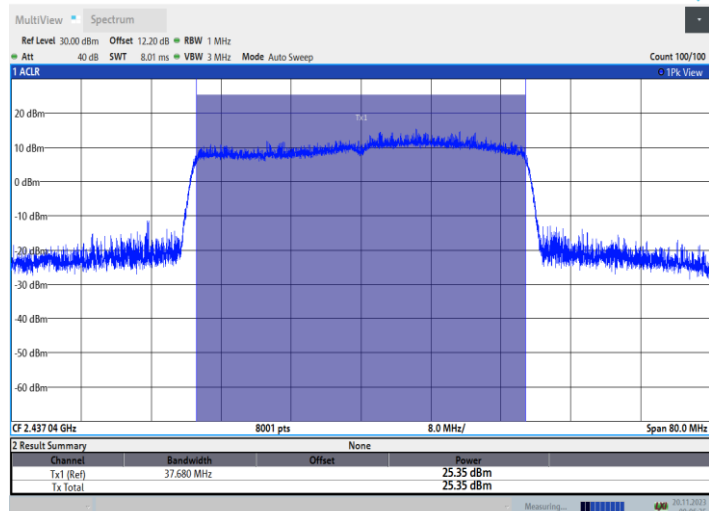


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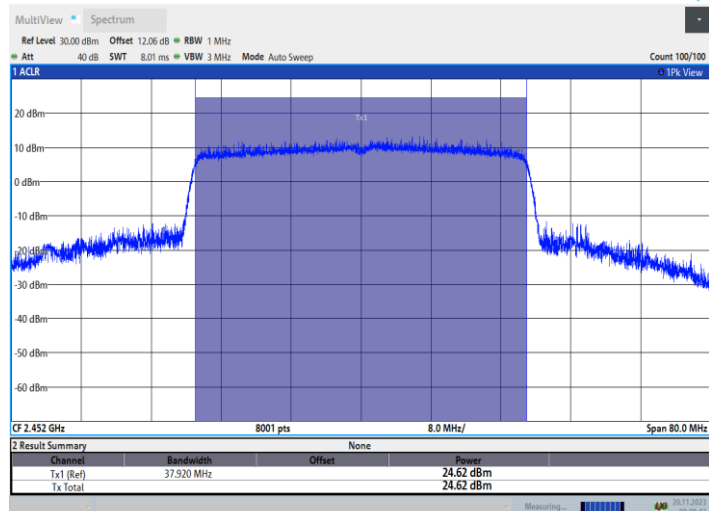
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11AX40MIMO_Ant2_2437



09:06:35 20.11.2023

11AX40MIMO_Ant1_2452



09:08:44 20.11.2023

11AX40MIMO_Ant2_2452