

11AX40 MIMO	Ant1	2462	52Tone	RU8	16.24	30	18.63	36	PASS
				RU37	16.31	30	18.70	36	PASS
				RU38	16.39	30	18.78	36	PASS
				RU39	16.45	30	18.84	36	PASS
			106Tone	RU40	16.38	30	18.77	36	PASS
				RU53	16.50	30	18.89	36	PASS
				RU54	16.42	30	18.81	36	PASS
				RU0	12.76	30	15.15	36	PASS
	Ant2	2462	26Tone	RU4	12.95	30	15.34	36	PASS
				RU8	13.00	30	15.39	36	PASS
				RU37	12.94	30	15.33	36	PASS
			52Tone	RU38	13.08	30	15.47	36	PASS
				RU39	13.06	30	15.45	36	PASS
				RU40	13.18	30	15.57	36	PASS
			106Tone	RU53	13.02	30	15.41	36	PASS
				RU54	13.14	30	15.53	36	PASS
	total	2462	26Tone	RU0	13.34	30	15.73	36	PASS
				RU4	13.49	30	15.88	36	PASS
				RU8	13.49	30	15.88	36	PASS
			52Tone	RU37	13.57	30	15.96	36	PASS
				RU38	13.52	30	15.91	36	PASS
				RU39	13.58	30	15.97	36	PASS
			106Tone	RU40	13.57	30	15.96	36	PASS
				RU53	13.67	30	16.06	36	PASS
RU54	13.62	30	16.01	36	PASS				
Ant1	2422	26Tone	RU0	16.07	30	18.46	36	PASS	
			RU4	16.24	30	18.63	36	PASS	
			RU8	16.26	30	18.65	36	PASS	
		52Tone	RU37	16.28	30	18.67	36	PASS	
			RU38	16.32	30	18.71	36	PASS	
			RU39	16.34	30	18.73	36	PASS	
		106Tone	RU40	16.39	30	18.78	36	PASS	
			RU53	16.37	30	18.76	36	PASS	
			RU54	16.40	30	18.79	36	PASS	
		242Tone	RU0	12.57	30	14.96	36	PASS	
			RU8	13.14	30	15.53	36	PASS	
			RU17	13.01	30	15.40	36	PASS	
RU37	12.77		30	15.16	36	PASS			
RU40	13.15		30	15.54	36	PASS			
RU44	13.08		30	15.47	36	PASS			
Ant2	2422	26Tone	RU53	13.04	30	15.43	36	PASS	
			RU54	13.35	30	15.74	36	PASS	
			RU55	13.09	30	15.48	36	PASS	
52Tone	RU56	13.16	30	15.55	36	PASS			
	RU61	15.44	30	17.83	36	PASS			
	RU62	15.78	30	18.17	36	PASS			
Ant2	2422	26Tone	RU0	13.03	30	15.42	36	PASS	
			RU8	13.55	30	15.94	36	PASS	
			RU17	13.12	30	15.51	36	PASS	
		RU37	12.88	30	15.27	36	PASS		
RU40	13.58	30	15.97	36	PASS				

total	2422	106Tone	RU44	13.23	30	15.62	36	PASS	
			RU53	13.00	30	15.39	36	PASS	
			RU54	13.50	30	15.89	36	PASS	
			RU55	13.32	30	15.71	36	PASS	
			RU56	13.20	30	15.59	36	PASS	
		242Tone	RU61	15.91	30	18.30	36	PASS	
			RU62	15.93	30	18.32	36	PASS	
		26Tone	RU0	15.82	30	18.21	36	PASS	
			RU8	16.36	30	18.75	36	PASS	
			RU17	16.08	30	18.47	36	PASS	
		52Tone	RU37	15.84	30	18.23	36	PASS	
			RU40	16.38	30	18.77	36	PASS	
	RU44		16.17	30	18.56	36	PASS		
	106Tone	RU53	16.03	30	18.42	36	PASS		
		RU54	16.44	30	18.83	36	PASS		
		RU55	16.22	30	18.61	36	PASS		
		RU56	16.19	30	18.58	36	PASS		
	242Tone	RU61	18.69	30	21.08	36	PASS		
		RU62	18.87	30	21.26	36	PASS		
	Ant1	2437	26Tone	RU0	12.71	30	15.10	36	PASS
				RU8	13.17	30	15.56	36	PASS
				RU17	12.80	30	15.19	36	PASS
			52Tone	RU37	12.82	30	15.21	36	PASS
				RU40	13.13	30	15.52	36	PASS
RU44				12.89	30	15.28	36	PASS	
106Tone		RU53	13.13	30	15.52	36	PASS		
		RU54	13.28	30	15.67	36	PASS		
		RU55	13.56	30	15.95	36	PASS		
242Tone		RU56	13.20	30	15.59	36	PASS		
		RU61	15.79	30	18.18	36	PASS		
Ant2		2437	26Tone	RU62	15.83	30	18.22	36	PASS
	RU0			13.28	30	15.67	36	PASS	
	RU8			13.74	30	16.13	36	PASS	
	52Tone		RU17	13.19	30	15.58	36	PASS	
			RU37	13.20	30	15.59	36	PASS	
			RU40	13.85	30	16.24	36	PASS	
	106Tone	RU44	13.35	30	15.74	36	PASS		
		RU53	13.56	30	15.95	36	PASS		
		RU54	13.95	30	16.34	36	PASS		
		RU55	14.01	30	16.40	36	PASS		
	242Tone	RU56	13.69	30	16.08	36	PASS		
		RU61	16.14	30	18.53	36	PASS		
total	2437	26Tone	RU62	16.45	30	18.84	36	PASS	
			RU0	16.01	30	18.40	36	PASS	
			RU8	16.47	30	18.86	36	PASS	
		52Tone	RU17	16.01	30	18.40	36	PASS	
			RU37	16.02	30	18.41	36	PASS	
			RU40	16.52	30	18.91	36	PASS	
	106Tone	RU44	16.14	30	18.53	36	PASS		
		RU53	16.36	30	18.75	36	PASS		
		RU54	16.64	30	19.03	36	PASS		

Ant1	2452	242Tone	RU55	16.80	30	19.19	36	PASS		
			RU56	16.46	30	18.85	36	PASS		
			RU61	18.98	30	21.37	36	PASS		
			RU62	19.16	30	<b>21.55</b>	36	PASS		
		26Tone	RU0	13.14	30	15.53	36	PASS		
			RU8	13.64	30	16.03	36	PASS		
			RU17	13.28	30	15.67	36	PASS		
		52Tone	RU37	13.28	30	15.67	36	PASS		
			RU40	13.49	30	15.88	36	PASS		
			RU44	13.34	30	15.73	36	PASS		
		106Tone	RU53	13.35	30	15.74	36	PASS		
			RU54	13.69	30	16.08	36	PASS		
			RU55	13.68	30	16.07	36	PASS		
			RU56	13.49	30	15.88	36	PASS		
		242Tone	RU61	15.96	30	18.35	36	PASS		
			RU62	15.96	30	18.35	36	PASS		
		Ant2	2452	26Tone	RU0	13.33	30	15.72	36	PASS
					RU8	13.40	30	15.79	36	PASS
					RU17	13.30	30	15.69	36	PASS
				52Tone	RU37	13.38	30	15.77	36	PASS
					RU40	13.41	30	15.80	36	PASS
					RU44	13.41	30	15.80	36	PASS
				106Tone	RU53	13.62	30	16.01	36	PASS
					RU54	13.64	30	16.03	36	PASS
RU55	13.63				30	16.02	36	PASS		
RU56	13.59				30	15.98	36	PASS		
242Tone	RU61			15.98	30	18.37	36	PASS		
	RU62			15.98	30	18.37	36	PASS		
total	2452	26Tone	RU0	16.25	30	18.64	36	PASS		
			RU8	16.53	30	18.92	36	PASS		
			RU17	16.30	30	18.69	36	PASS		
		52Tone	RU37	16.34	30	18.73	36	PASS		
			RU40	16.46	30	18.85	36	PASS		
			RU44	16.39	30	18.78	36	PASS		
		106Tone	RU53	16.50	30	18.89	36	PASS		
			RU54	16.68	30	19.07	36	PASS		
			RU55	16.67	30	19.06	36	PASS		
			RU56	16.55	30	18.94	36	PASS		
		242Tone	RU61	18.98	30	21.37	36	PASS		
			RU62	18.98	30	21.37	36	PASS		

Note 1: EIRP (dBm)=Conducted Output Power (dBm)+ Antenna Gain (dBi)

Note 2: HE20 SU represents HE20 242Tone, and HE40 SU represents HE40 484Tone, so for these Tones test performed with SU mode.

## 6. Power Spectral Density

### 6.1. Block diagram of test setup

Same as section 4.1

### 6.2. Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

### 6.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Set the spectrum analyzer as follows:

Center frequency	DTS Channel center frequency
RBW:	$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$
VBW:	$\geq 3\text{RBW}$
Span	1.5 times the DTS bandwidth
Detector Mode:	RMS
Sweep time:	auto
Trace mode	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude level within the RBW.

(4) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

### 6.4. Test result

Test Mode	Test Channel	Ant	PSD [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11B	2412	ANT1	-14.05	8.00	Pass
11B	2412	ANT2	-11.44	8.00	Pass
11B	2437	ANT1	-9.96	8.00	Pass
11B	2437	ANT2	-10.92	8.00	Pass
11B	2462	ANT1	-10.02	8.00	Pass
11B	2462	ANT2	-12.34	8.00	Pass
11G	2412	ANT1	-11.61	8.00	Pass
11G	2412	ANT2	-14.60	8.00	Pass
11G	2437	ANT1	-10.48	8.00	Pass
11G	2437	ANT2	-11.95	8.00	Pass
11G	2462	ANT1	-15.09	8.00	Pass
11G	2462	ANT2	-13.48	8.00	Pass

11N20MIMO	2412	ANT1	-14.64	8.00	Pass
11N20MIMO	2412	ANT2	-12.02	8.00	Pass
11N20MIMO	2412	total	-10.13	8.00	Pass
11N20MIMO	2437	ANT1	-14.24	8.00	Pass
11N20MIMO	2437	ANT2	-11.38	8.00	Pass
11N20MIMO	2437	total	-9.57	8.00	Pass
11N20MIMO	2462	ANT1	-13.92	8.00	Pass
11N20MIMO	2462	ANT2	-12.77	8.00	Pass
11N20MIMO	2462	total	-10.30	8.00	Pass
11N40MIMO	2422	ANT1	-20.24	8.00	Pass
11N40MIMO	2422	ANT2	-18.89	8.00	Pass
11N40MIMO	2422	total	-16.50	8.00	Pass
11N40MIMO	2437	ANT1	-18.33	8.00	Pass
11N40MIMO	2437	ANT2	-19.15	8.00	Pass
11N40MIMO	2437	total	-15.71	8.00	Pass
11N40MIMO	2452	ANT1	-18.28	8.00	Pass
11N40MIMO	2452	ANT2	-18.98	8.00	Pass
11N40MIMO	2452	total	-15.61	8.00	Pass
11AX20SU	2412	ANT1	-13.18	8.00	Pass
11AX20SU	2412	ANT2	-13.14	8.00	Pass
11AX20SU	2412	total	-10.15	8.00	Pass
11AX20SU	2437	ANT1	-13.43	8.00	Pass
11AX20SU	2437	ANT2	-11.05	8.00	Pass
11AX20SU	2437	total	-9.07	8.00	Pass
11AX20SU	2462	ANT1	-12.87	8.00	Pass
11AX20SU	2462	ANT2	-12.32	8.00	Pass
11AX20SU	2462	total	-9.58	8.00	Pass
11AX40SU	2422	ANT1	-18.52	8.00	Pass
11AX40SU	2422	ANT2	-17.23	8.00	Pass
11AX40SU	2422	total	-14.82	8.00	Pass
11AX40SU	2437	ANT1	-17.33	8.00	Pass
11AX40SU	2437	ANT2	-16.66	8.00	Pass
11AX40SU	2437	total	-13.97	8.00	Pass
11AX40SU	2452	ANT1	-19.16	8.00	Pass
11AX40SU	2452	ANT2	-17.87	8.00	Pass
11AX40SU	2452	total	-15.46	8.00	Pass

Test Mode	Antenna	Channel	Ru Size	Ru Index	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict		
11AX20 MIMO	Ant1	2412	26Tone	RU0	-12.74	≤8.00	PASS		
				RU4	-12.03	≤8.00	PASS		
				RU8	-13.21	≤8.00	PASS		
			52Tone	RU37	-15	≤8.00	PASS		
				RU38	-15.21	≤8.00	PASS		
				RU39	-15.56	≤8.00	PASS		
				RU40	-14.18	≤8.00	PASS		
			106Tone	RU53	-18.34	≤8.00	PASS		
				RU54	-16.38	≤8.00	PASS		
			Ant2	2412	26Tone	RU0	-11.58	≤8.00	PASS
						RU4	-12.55	≤8.00	PASS
						RU8	-13.44	≤8.00	PASS
	52Tone	RU37			-14.67	≤8.00	PASS		
		RU38			-15.58	≤8.00	PASS		
		RU39			-15.46	≤8.00	PASS		
		RU40			-16.08	≤8.00	PASS		
	106Tone	RU53			-17.48	≤8.00	PASS		
		RU54			-17.33	≤8.00	PASS		
	total	2412			26Tone	RU0	-9.11	≤8.00	PASS
						RU4	-9.27	≤8.00	PASS
						RU8	-10.31	≤8.00	PASS
			52Tone	RU37	-11.82	≤8.00	PASS		
				RU38	-12.38	≤8.00	PASS		
				RU39	-12.50	≤8.00	PASS		
				RU40	-12.02	≤8.00	PASS		
			106Tone	RU53	-14.88	≤8.00	PASS		
				RU54	-13.82	≤8.00	PASS		
			Ant1	2437	26Tone	RU0	-12.16	≤8.00	PASS
						RU4	-12.63	≤8.00	PASS
						RU8	-12.35	≤8.00	PASS
	52Tone	RU37			-15.3	≤8.00	PASS		
		RU38			-14.7	≤8.00	PASS		
		RU39			-14.4	≤8.00	PASS		
		RU40			-15.86	≤8.00	PASS		
	106Tone	RU53			-17.14	≤8.00	PASS		
		RU54			-17.34	≤8.00	PASS		
	Ant2	2437			26Tone	RU0	-12.01	≤8.00	PASS
						RU4	-11.96	≤8.00	PASS
						RU8	-12.54	≤8.00	PASS
			52Tone	RU37	-14.7	≤8.00	PASS		
				RU38	-14.19	≤8.00	PASS		
				RU39	-13.34	≤8.00	PASS		
				RU40	-16.05	≤8.00	PASS		
			106Tone	RU53	-16.25	≤8.00	PASS		
				RU54	-15.63	≤8.00	PASS		
			total	2437	26Tone	RU0	-9.07	≤8.00	PASS
						RU4	-9.27	≤8.00	PASS
						RU8	-9.43	≤8.00	PASS

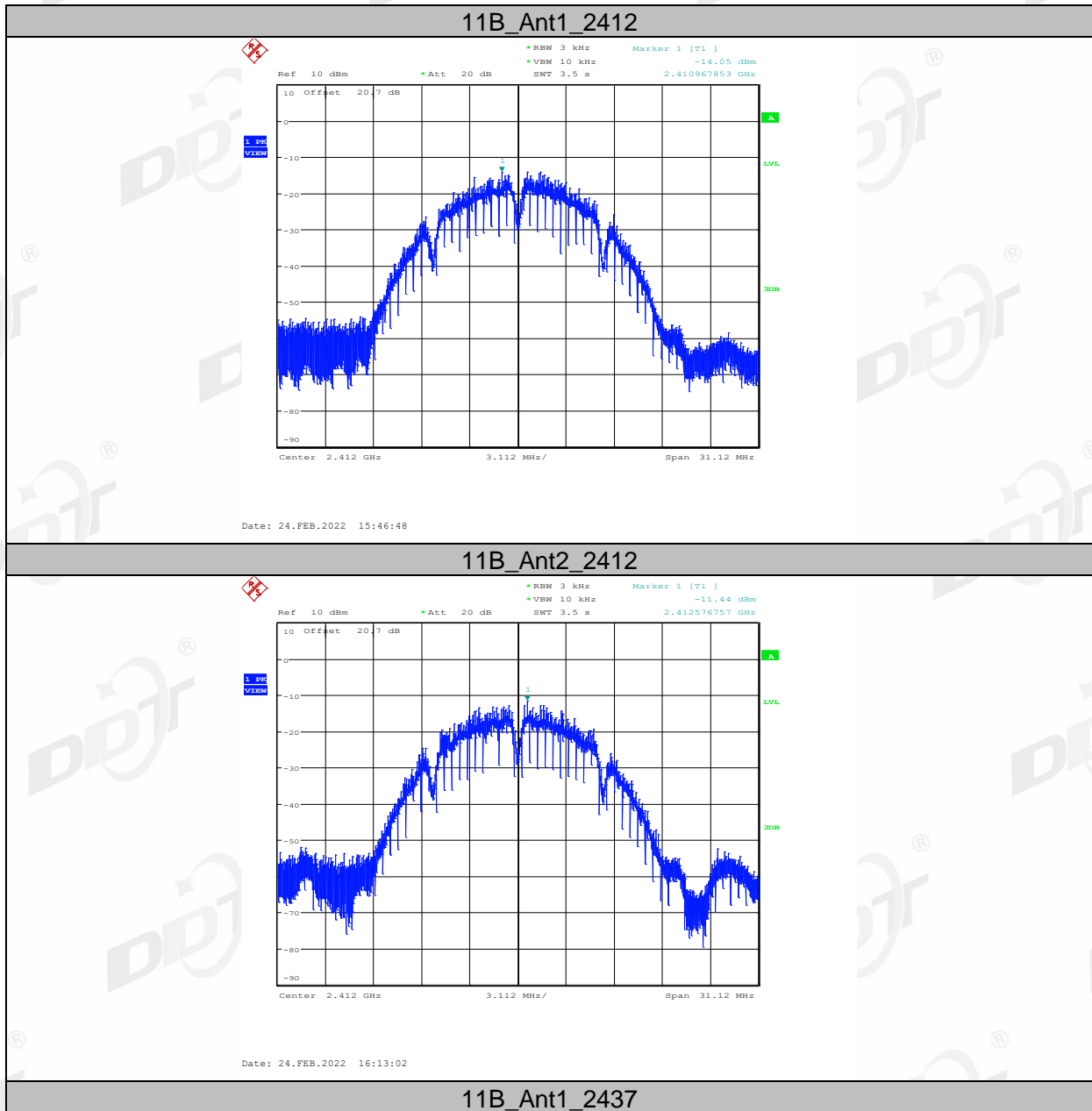
11AX40 MIMO	Ant1	2462	52Tone	RU37	-11.98	≤8.00	PASS	
				RU38	-11.43	≤8.00	PASS	
				RU39	-10.83	≤8.00	PASS	
				RU40	-12.94	≤8.00	PASS	
			106Tone	RU53	-13.66	≤8.00	PASS	
				RU54	-13.39	≤8.00	PASS	
	Ant2	2462	26Tone	RU0	-12.11	≤8.00	PASS	
				RU4	-12.03	≤8.00	PASS	
				RU8	-13.11	≤8.00	PASS	
			52Tone	RU37	-15.36	≤8.00	PASS	
				RU38	-14.73	≤8.00	PASS	
				RU39	-14.42	≤8.00	PASS	
	106Tone	RU40	-14.86	≤8.00	PASS			
		RU53	-16.76	≤8.00	PASS			
		RU54	-17.03	≤8.00	PASS			
	total	2462	26Tone	RU0	-11.44	≤8.00	PASS	
				RU4	-12.37	≤8.00	PASS	
				RU8	-11.42	≤8.00	PASS	
			52Tone	RU37	-14.57	≤8.00	PASS	
				RU38	-14.6	≤8.00	PASS	
				RU39	-13.9	≤8.00	PASS	
	106Tone	RU40	-14.65	≤8.00	PASS			
		RU53	-16.3	≤8.00	PASS			
		RU54	-17.08	≤8.00	PASS			
Ant1	2422	26Tone	RU0	<b>-8.75</b>	≤8.00	PASS		
			RU4	-9.19	≤8.00	PASS		
			RU8	-9.17	≤8.00	PASS		
		52Tone	RU37	-11.94	≤8.00	PASS		
			RU38	-11.65	≤8.00	PASS		
			RU39	-11.14	≤8.00	PASS		
		106Tone	RU40	-11.74	≤8.00	PASS		
			RU53	-13.51	≤8.00	PASS		
			RU54	-14.04	≤8.00	PASS		
		Ant2	2422	26Tone	RU0	-13.88	≤8.00	PASS
					RU8	-13.59	≤8.00	PASS
					RU17	-13.62	≤8.00	PASS
52Tone	RU37			-15.48	≤8.00	PASS		
	RU40			-15.96	≤8.00	PASS		
	RU44			-16.55	≤8.00	PASS		
106Tone	RU53	-18.66	≤8.00	PASS				
	RU54	-18.78	≤8.00	PASS				
	RU55	-19.99	≤8.00	PASS				
242Tone	RU56	-18.34	≤8.00	PASS				
	RU61	-17.64	≤8.00	PASS				
	RU62	-17.89	≤8.00	PASS				
Ant2	2422	26Tone	RU0	-14.82	≤8.00	PASS		
			RU8	-13.04	≤8.00	PASS		
			RU17	-13.12	≤8.00	PASS		
		52Tone	RU37	-16.1	≤8.00	PASS		
			RU40	-15.21	≤8.00	PASS		
RU44	-16.49	≤8.00	PASS					

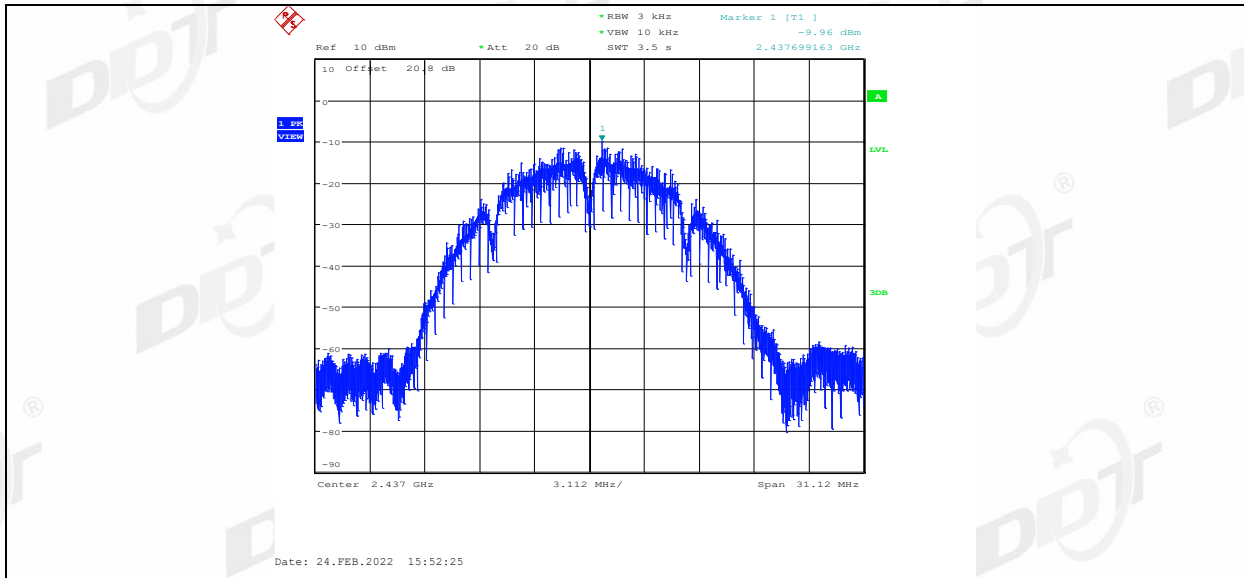
			106Tone	RU53	-18.75	≤8.00	PASS
				RU54	-17.97	≤8.00	PASS
				RU55	-19.95	≤8.00	PASS
				RU56	-18	≤8.00	PASS
			242Tone	RU61	-17.36	≤8.00	PASS
				RU62	-17.99	≤8.00	PASS
	total	2422	26Tone	RU0	-11.31	≤8.00	PASS
				RU8	-10.30	≤8.00	PASS
				RU17	-10.35	≤8.00	PASS
			52Tone	RU37	-12.77	≤8.00	PASS
				RU40	-12.56	≤8.00	PASS
				RU44	-13.51	≤8.00	PASS
		106Tone	RU53	-15.69	≤8.00	PASS	
			RU54	-15.35	≤8.00	PASS	
			RU55	-16.96	≤8.00	PASS	
		242Tone	RU56	-15.16	≤8.00	PASS	
			RU61	-14.49	≤8.00	PASS	
			RU62	-14.93	≤8.00	PASS	
	Ant1	2437	26Tone	RU0	-13.77	≤8.00	PASS
				RU8	-13.49	≤8.00	PASS
RU17				-13.41	≤8.00	PASS	
52Tone			RU37	-15.81	≤8.00	PASS	
			RU40	-16.18	≤8.00	PASS	
			RU44	-16.5	≤8.00	PASS	
106Tone		RU53	-18.13	≤8.00	PASS		
		RU54	-18.36	≤8.00	PASS		
		RU55	-18.65	≤8.00	PASS		
242Tone		RU56	-18.86	≤8.00	PASS		
		RU61	-17.53	≤8.00	PASS		
		RU62	-17.3	≤8.00	PASS		
Ant2	2437	26Tone	RU0	-13.68	≤8.00	PASS	
			RU8	-12.35	≤8.00	PASS	
			RU17	-13.37	≤8.00	PASS	
		52Tone	RU37	-15.94	≤8.00	PASS	
			RU40	-15.94	≤8.00	PASS	
			RU44	-15.21	≤8.00	PASS	
	106Tone	RU53	-18.83	≤8.00	PASS		
		RU54	-17.63	≤8.00	PASS		
		RU55	-16.98	≤8.00	PASS		
	242Tone	RU56	-17.99	≤8.00	PASS		
		RU61	-16.32	≤8.00	PASS		
		RU62	-16.56	≤8.00	PASS		
total	2437	26Tone	RU0	-10.71	≤8.00	PASS	
			RU8	-9.87	≤8.00	PASS	
			RU17	-10.38	≤8.00	PASS	
		52Tone	RU37	-12.86	≤8.00	PASS	
			RU40	-13.05	≤8.00	PASS	
			RU44	-12.80	≤8.00	PASS	
		106Tone	RU53	-15.46	≤8.00	PASS	
			RU54	-14.97	≤8.00	PASS	
			RU55	-14.72	≤8.00	PASS	



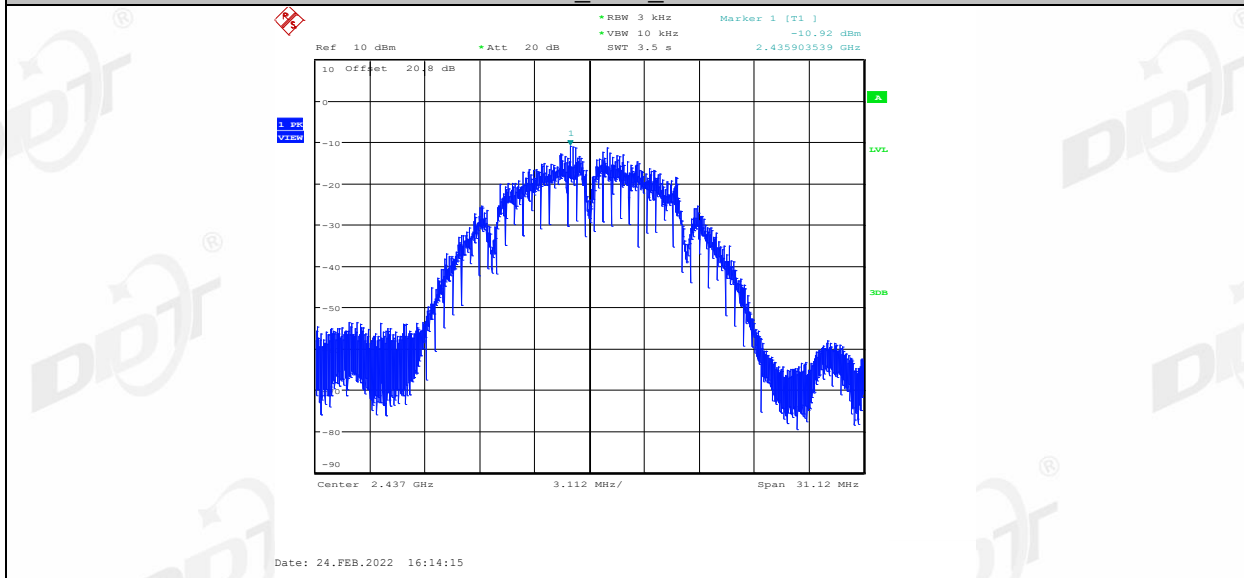
Ant1	2452	242Tone	RU56	-15.39	≤8.00	PASS	
			RU61	-13.87	≤8.00	PASS	
			RU62	-13.90	≤8.00	PASS	
		26Tone	RU0	-13.57	≤8.00	PASS	
			RU8	-12.96	≤8.00	PASS	
			RU17	-13.2	≤8.00	PASS	
	52Tone	RU37	-15.65	≤8.00	PASS		
		RU40	-15.16	≤8.00	PASS		
		RU44	-16.26	≤8.00	PASS		
	106Tone	RU53	-18.31	≤8.00	PASS		
		RU54	-18.16	≤8.00	PASS		
		RU55	-18.29	≤8.00	PASS		
	242Tone	RU56	-17.71	≤8.00	PASS		
		RU61	-17.08	≤8.00	PASS		
		RU62	-17.6	≤8.00	PASS		
	Ant2	2452	26Tone	RU0	-12.9	≤8.00	PASS
				RU8	-13.47	≤8.00	PASS
				RU17	-13.43	≤8.00	PASS
52Tone			RU37	-16.01	≤8.00	PASS	
			RU40	-15.68	≤8.00	PASS	
			RU44	-15.51	≤8.00	PASS	
106Tone		RU53	-17.92	≤8.00	PASS		
		RU54	-18.74	≤8.00	PASS		
		RU55	-18.5	≤8.00	PASS		
242Tone		RU56	-18.26	≤8.00	PASS		
		RU61	-16.95	≤8.00	PASS		
		RU62	-17.71	≤8.00	PASS		
total	2452	26Tone	RU0	-10.21	≤8.00	PASS	
			RU8	-10.20	≤8.00	PASS	
			RU17	-10.30	≤8.00	PASS	
		52Tone	RU37	-12.82	≤8.00	PASS	
			RU40	-12.40	≤8.00	PASS	
			RU44	-12.86	≤8.00	PASS	
	106Tone	RU53	-15.10	≤8.00	PASS		
		RU54	-15.43	≤8.00	PASS		
		RU55	-15.38	≤8.00	PASS		
	242Tone	RU56	-14.97	≤8.00	PASS		
		RU61	-14.00	≤8.00	PASS		
		RU62	-14.64	≤8.00	PASS		

### 6.5. Original test data

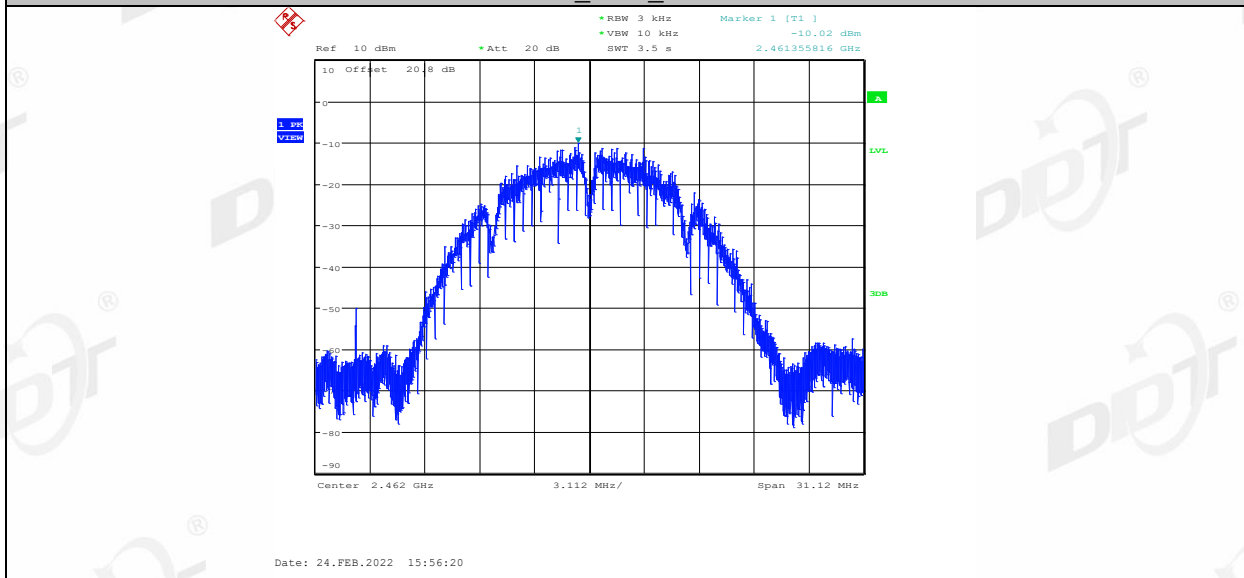




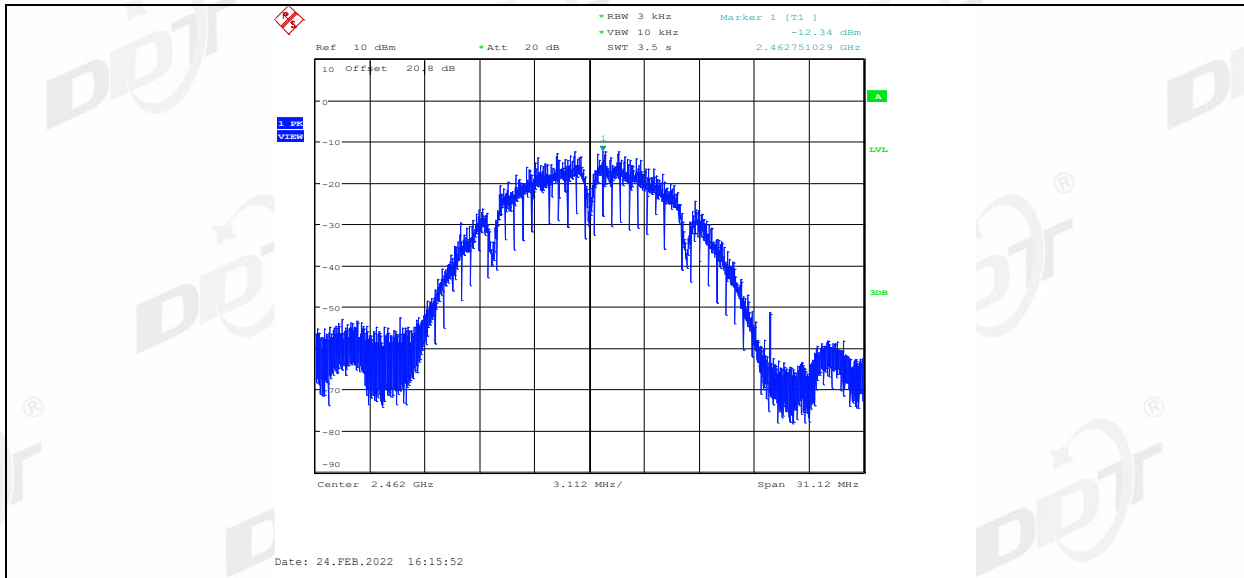
11B\_Ant2\_2437



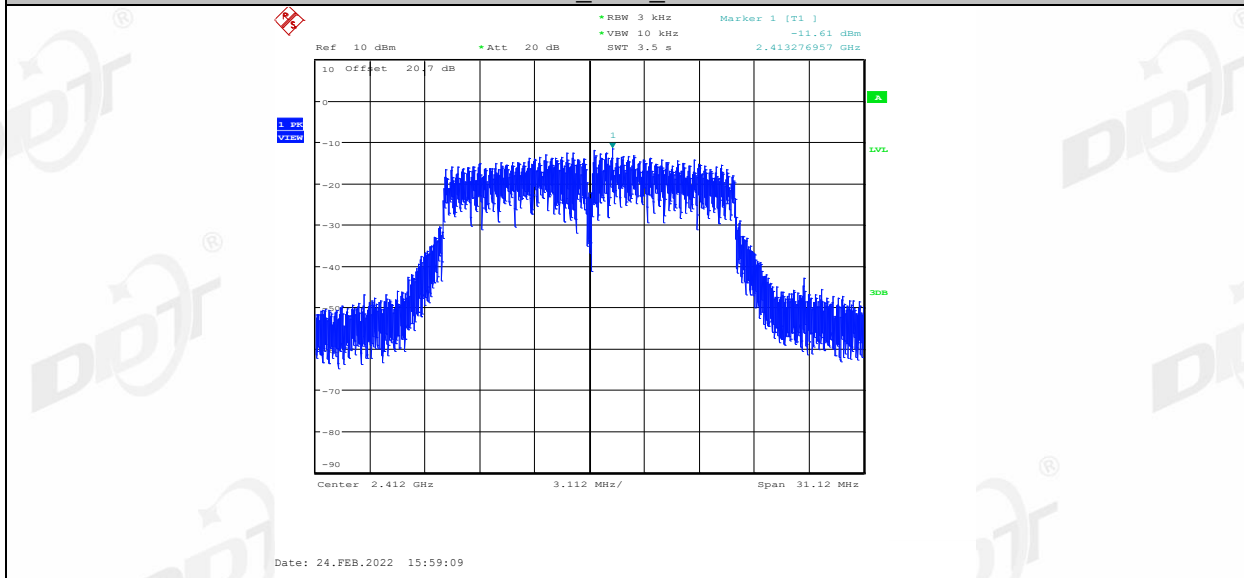
11B\_Ant1\_2462



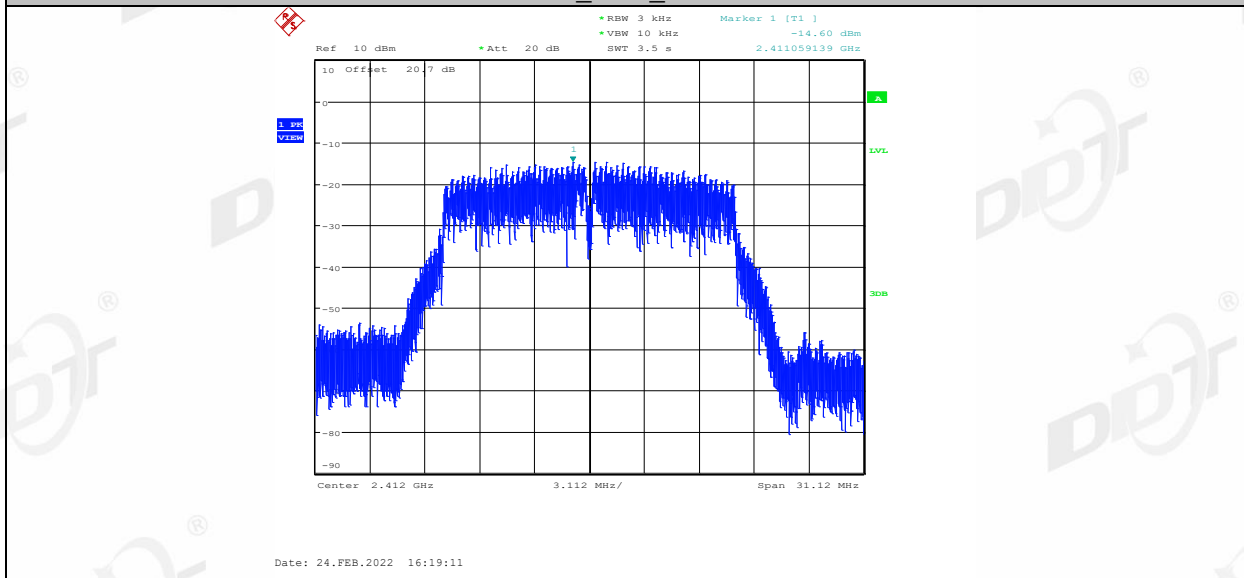
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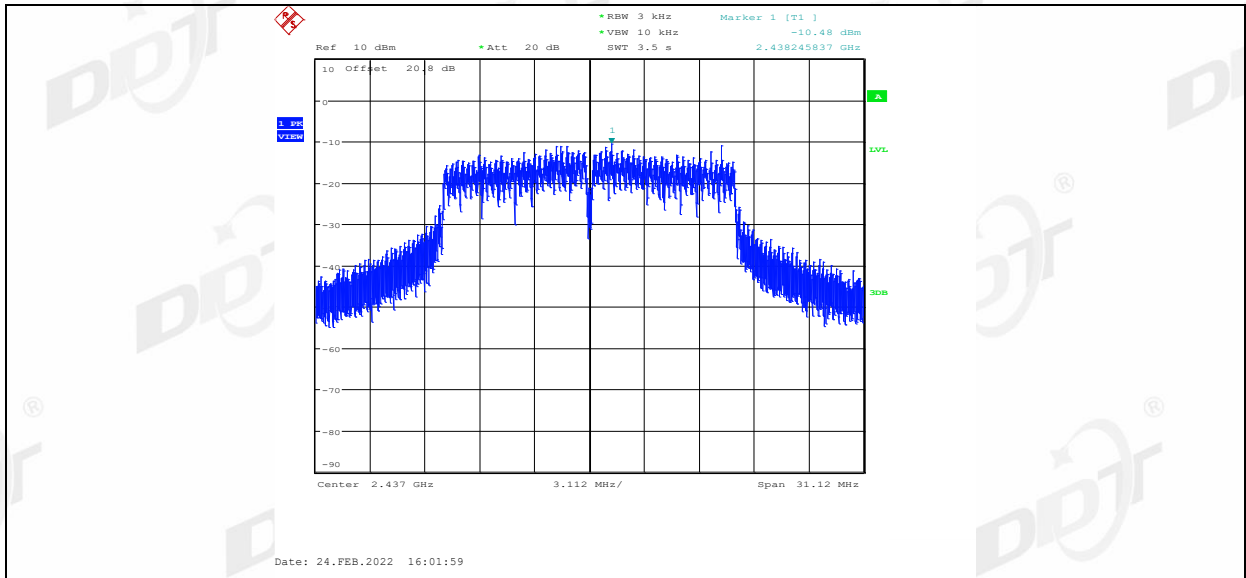
11G\_Ant1\_2412



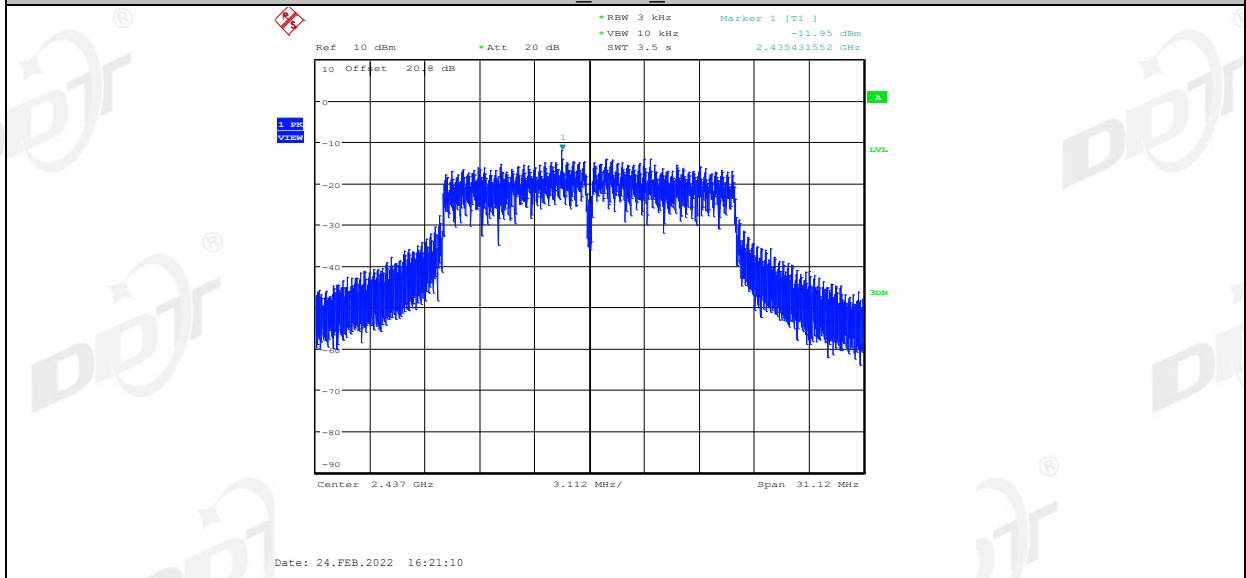
11G\_Ant2\_2412



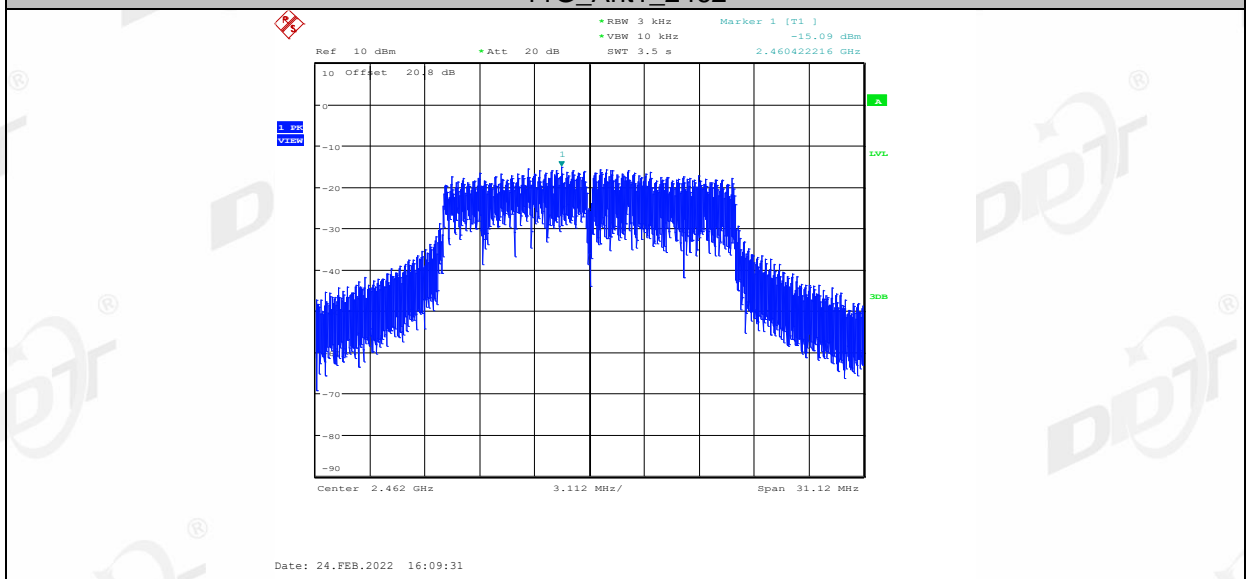
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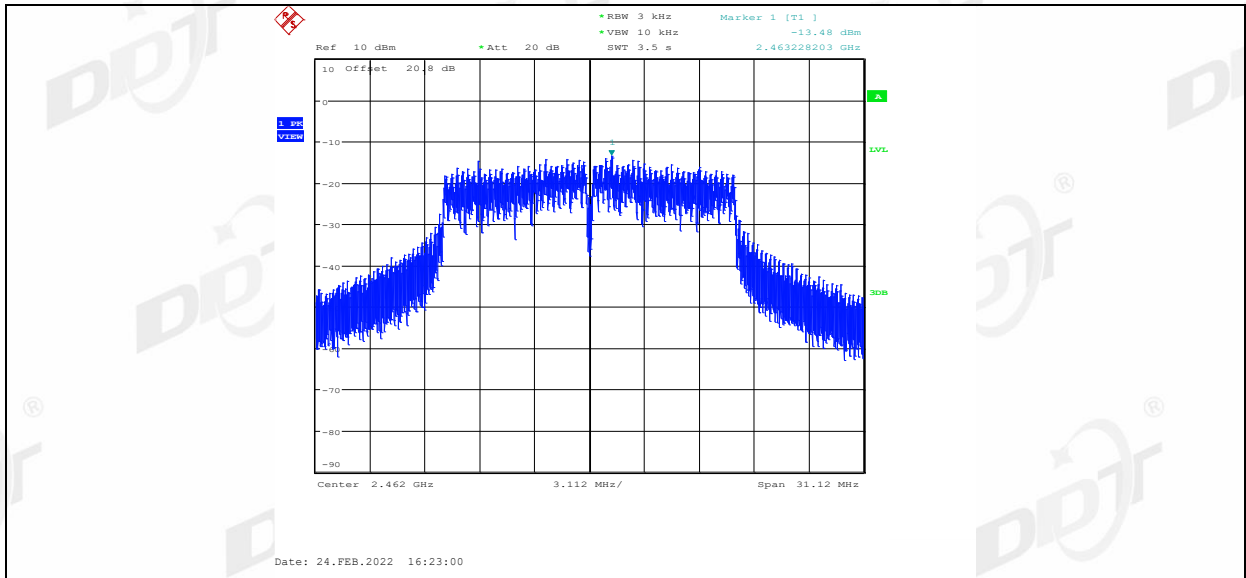
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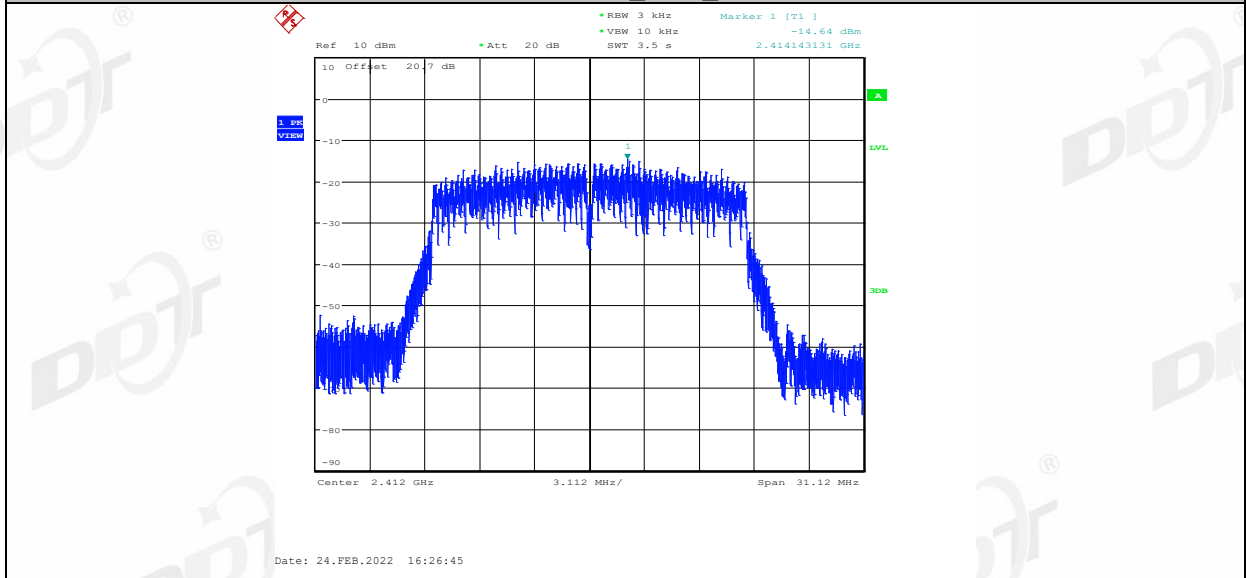
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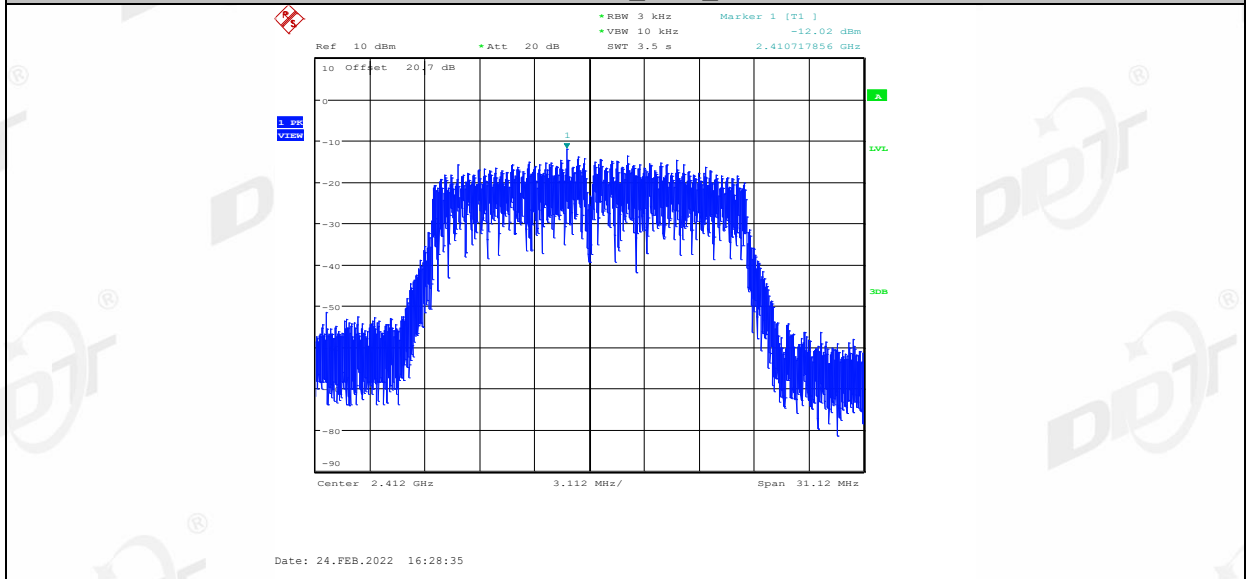
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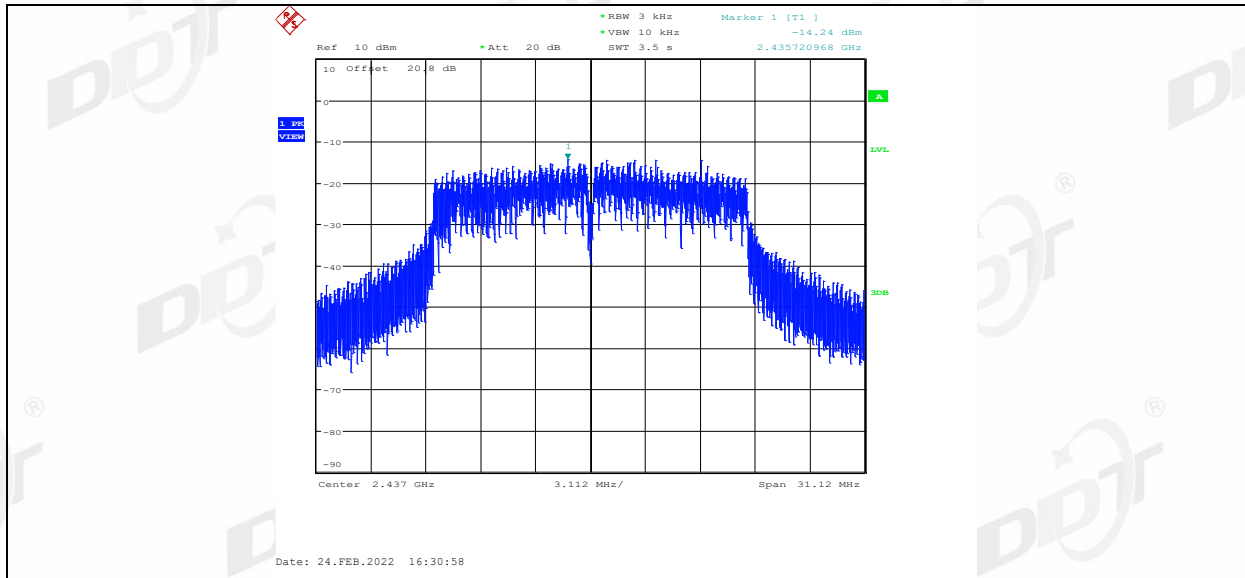
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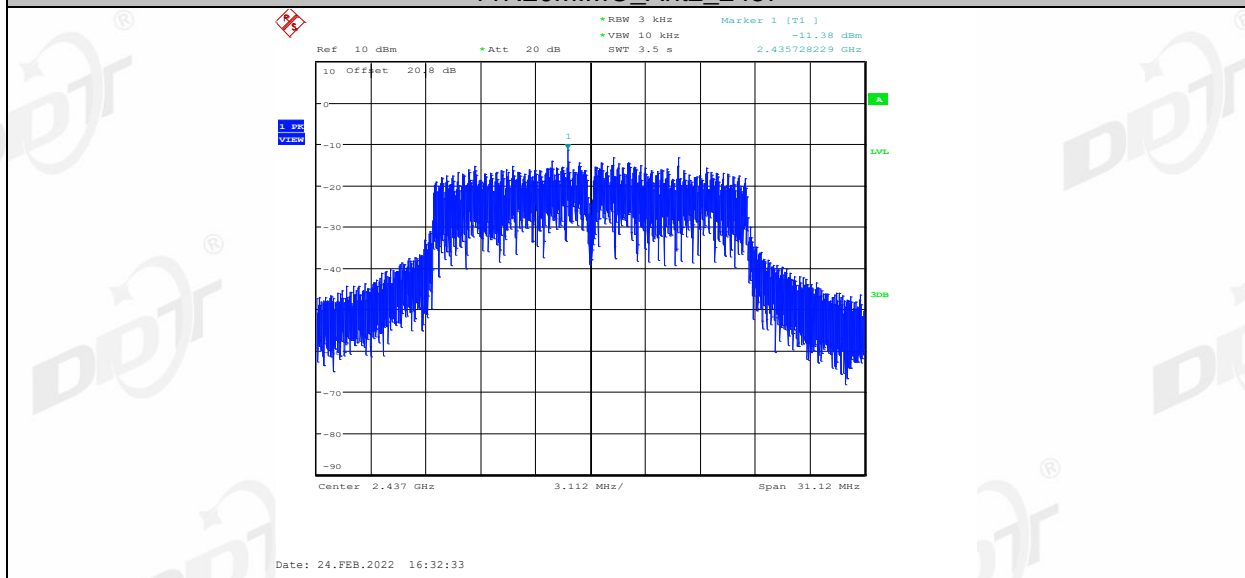
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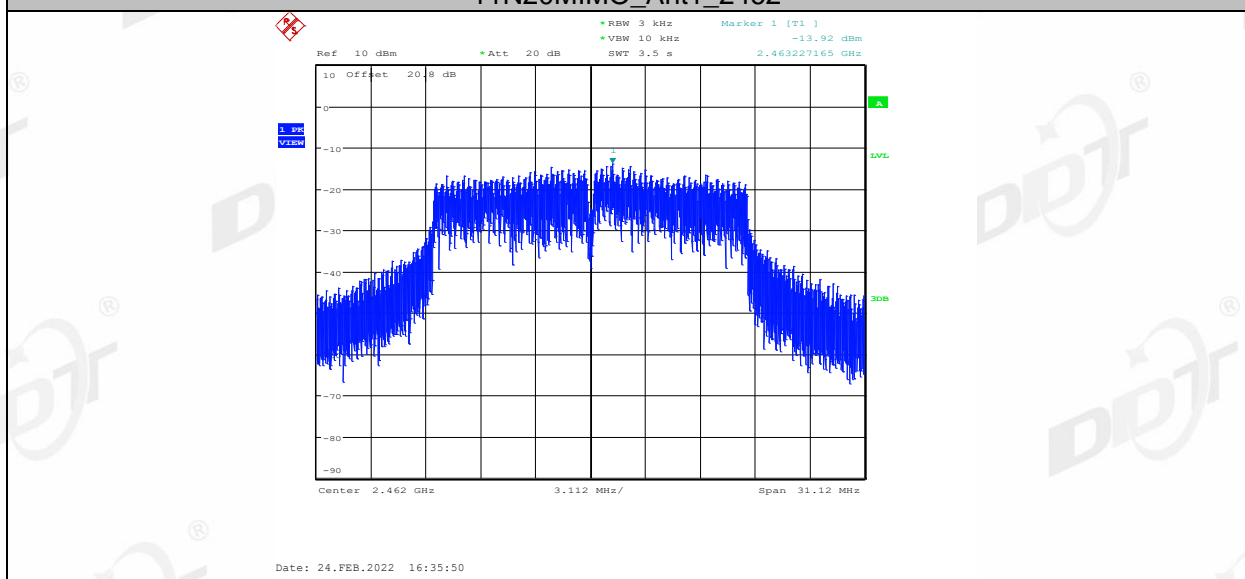
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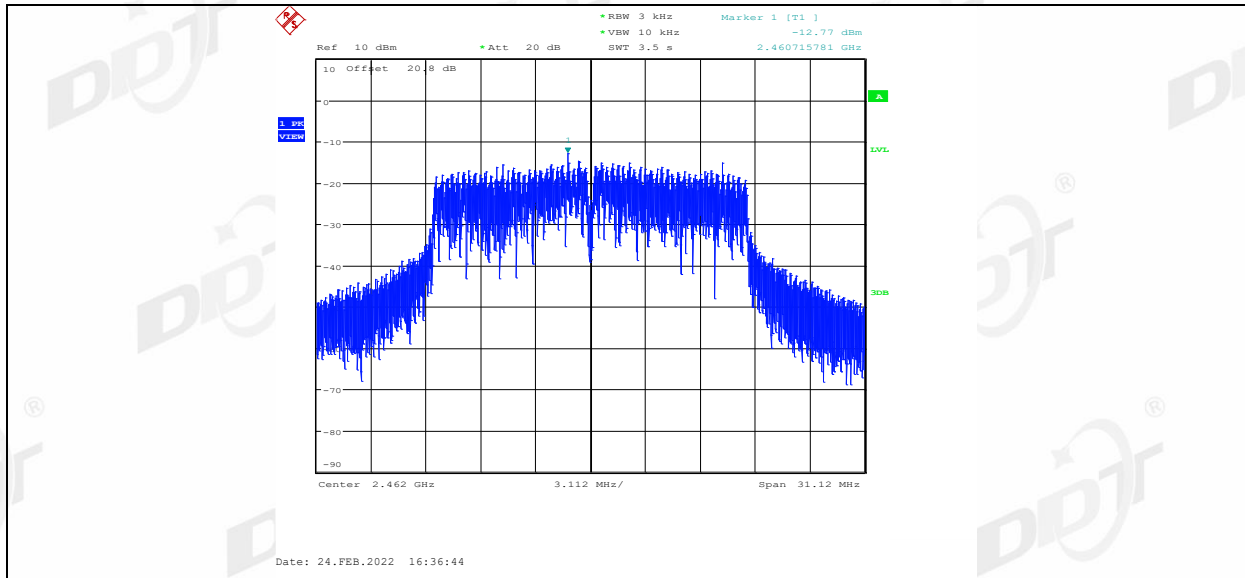
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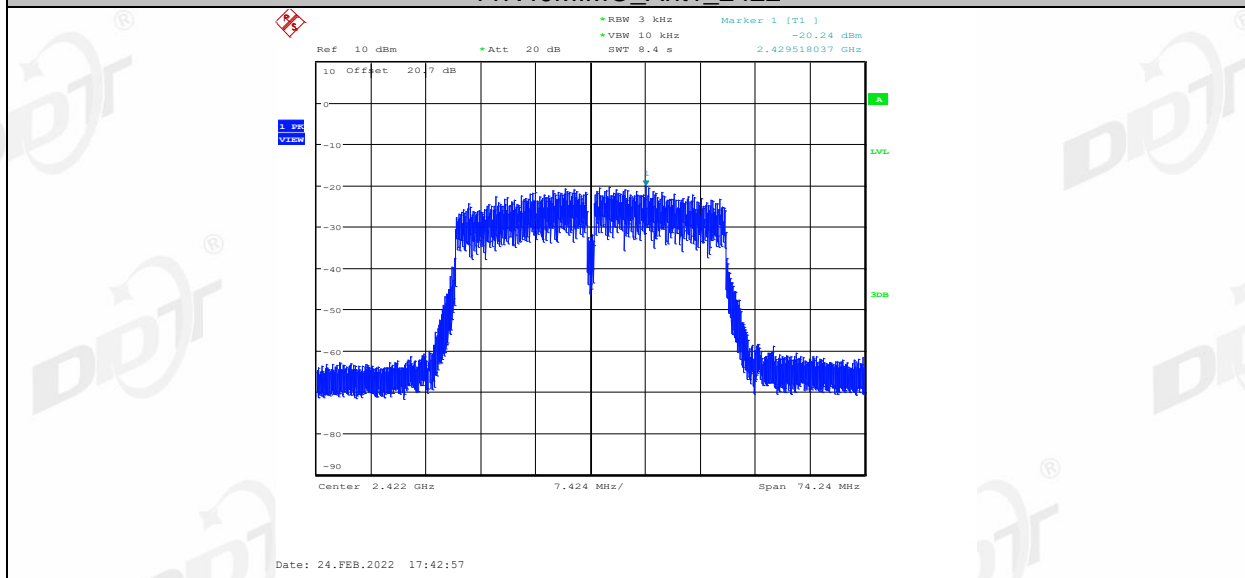
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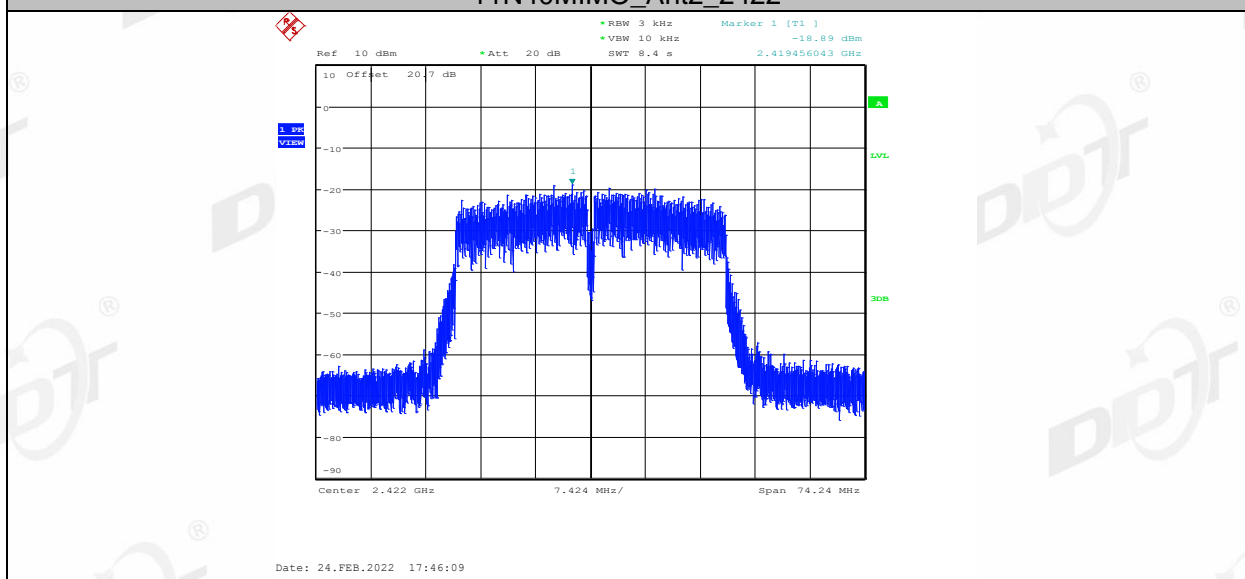
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11N40MIMO\_Ant1\_2422

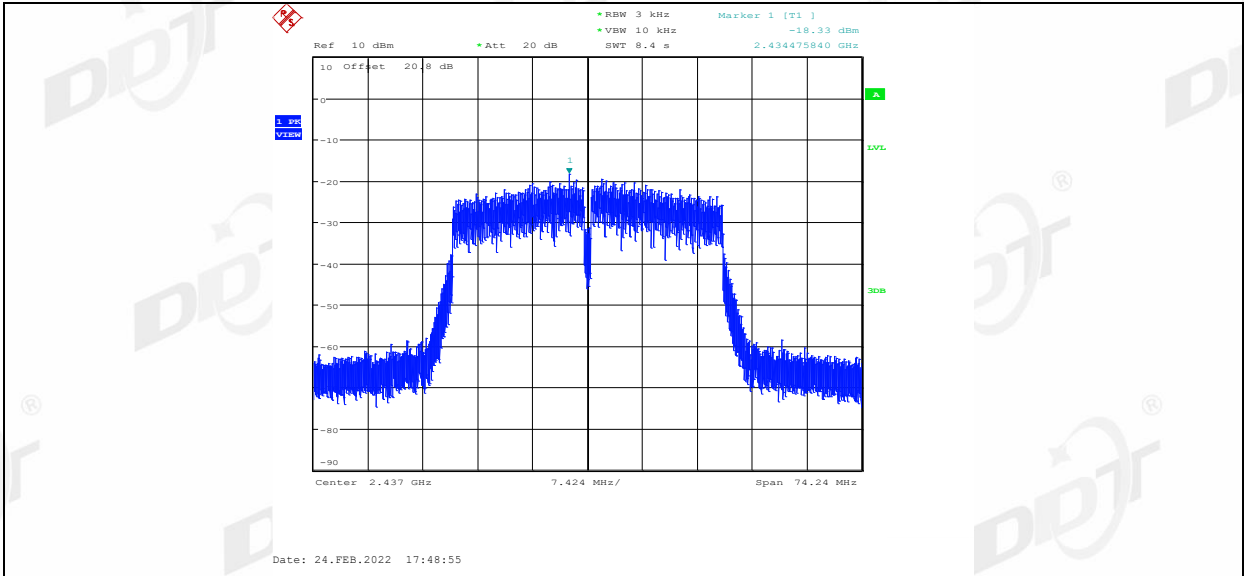


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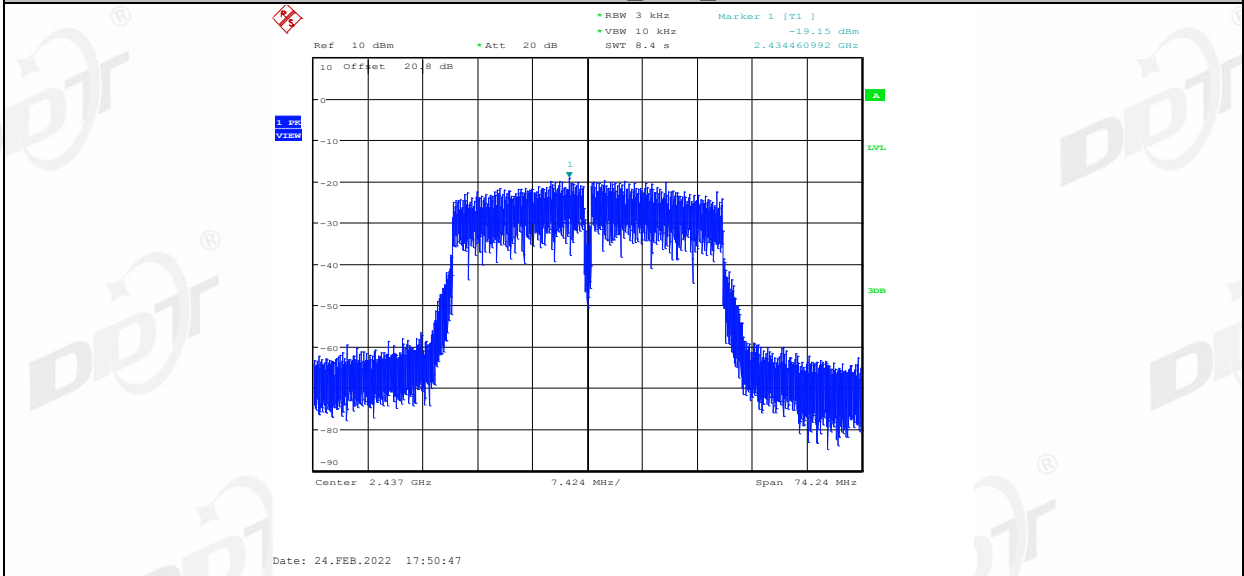


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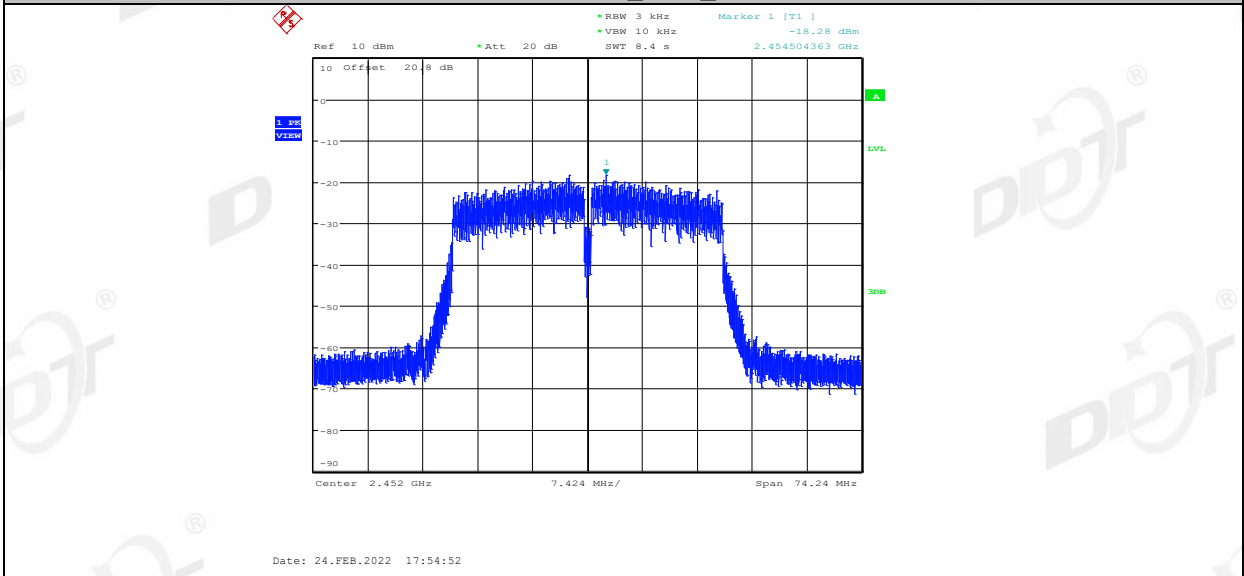




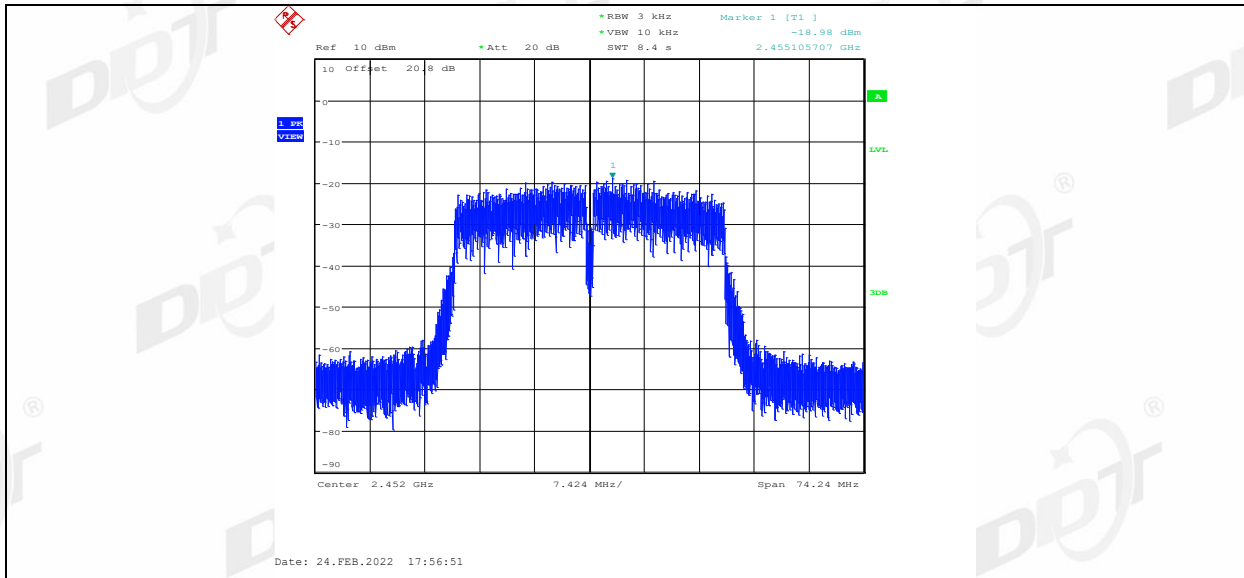
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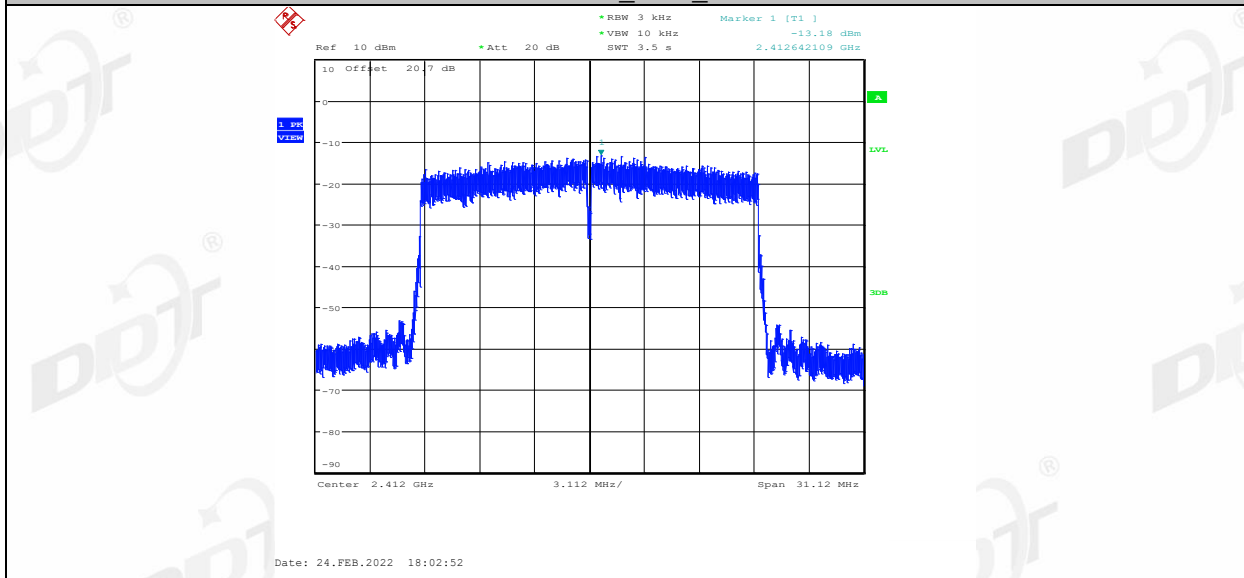
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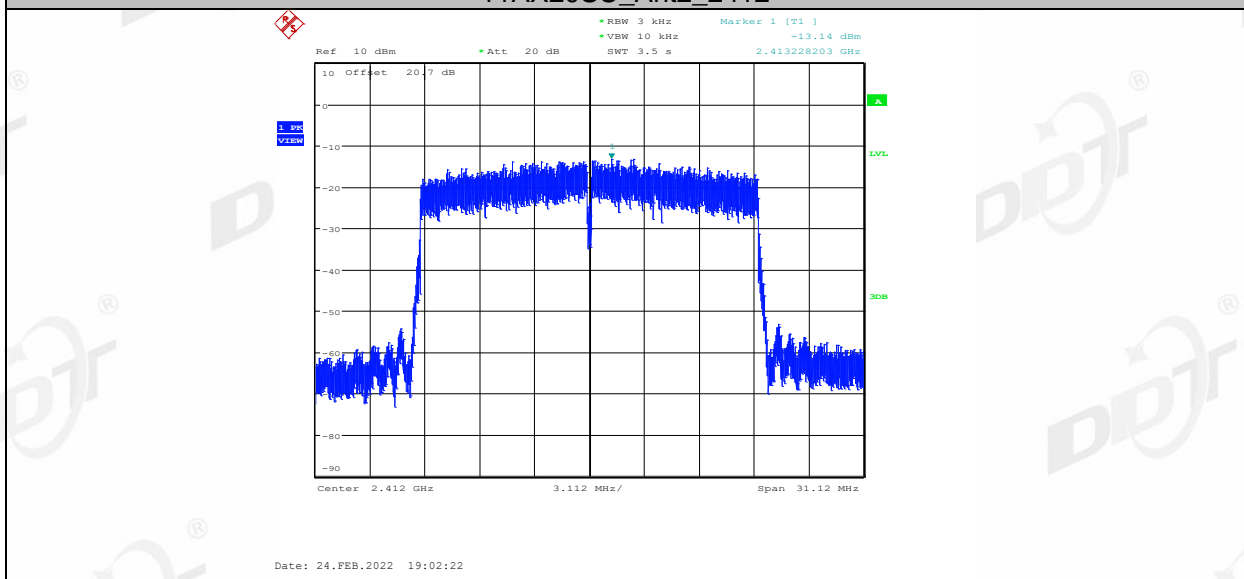
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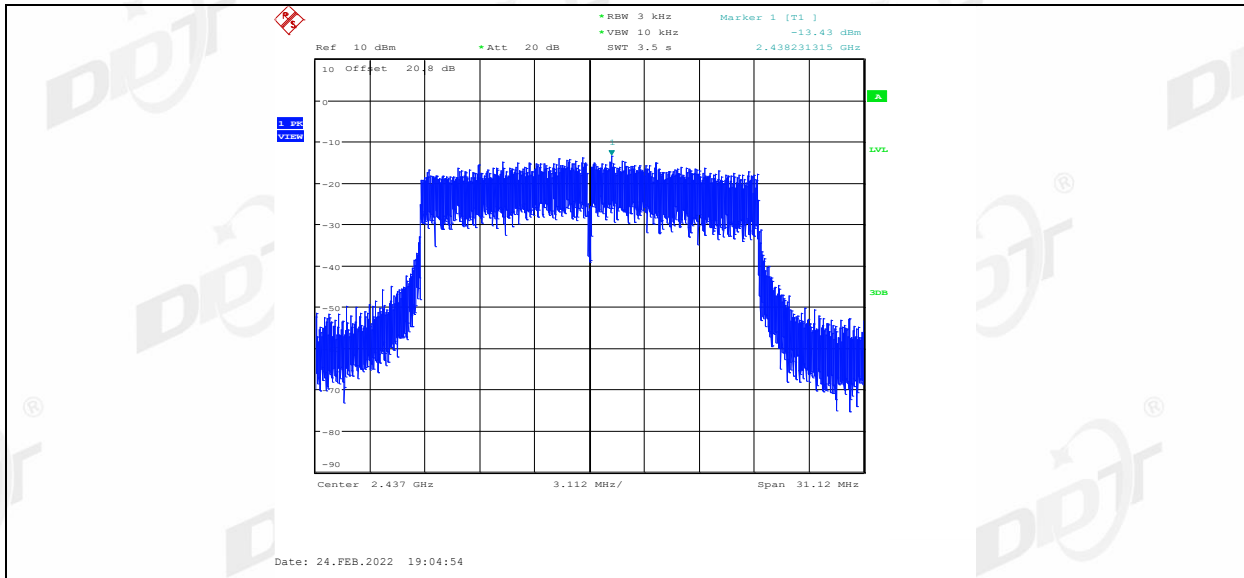
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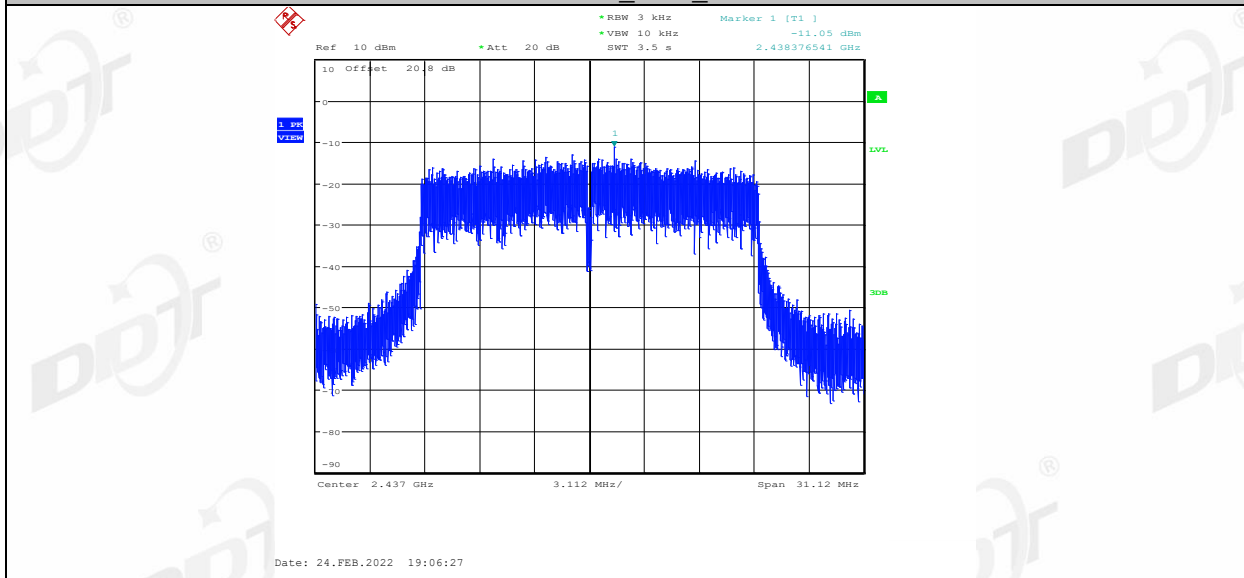
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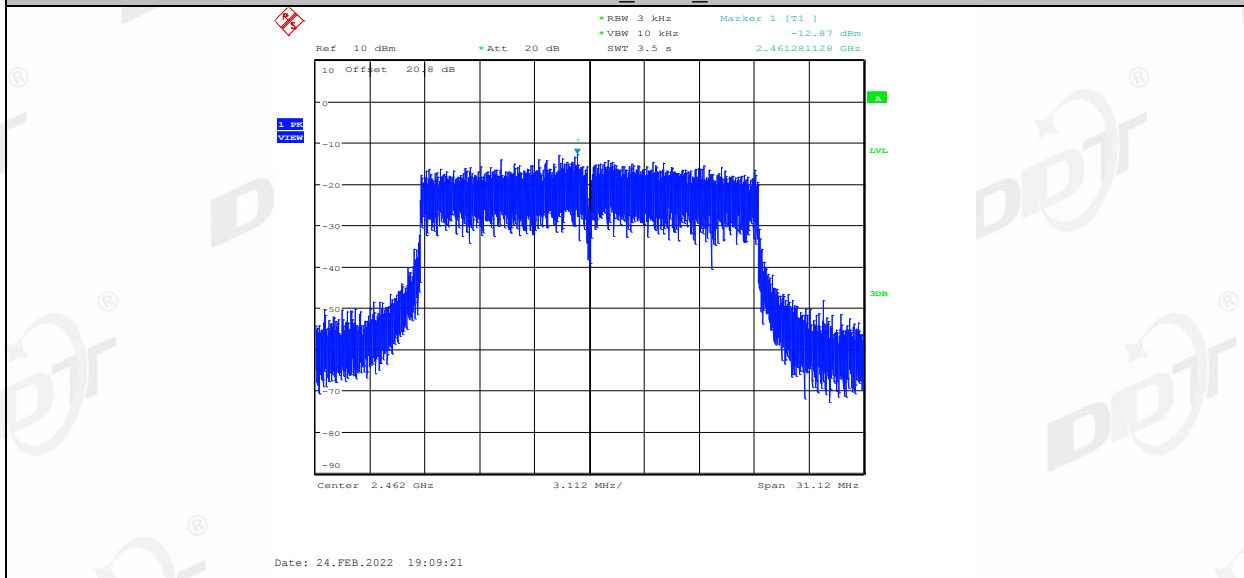
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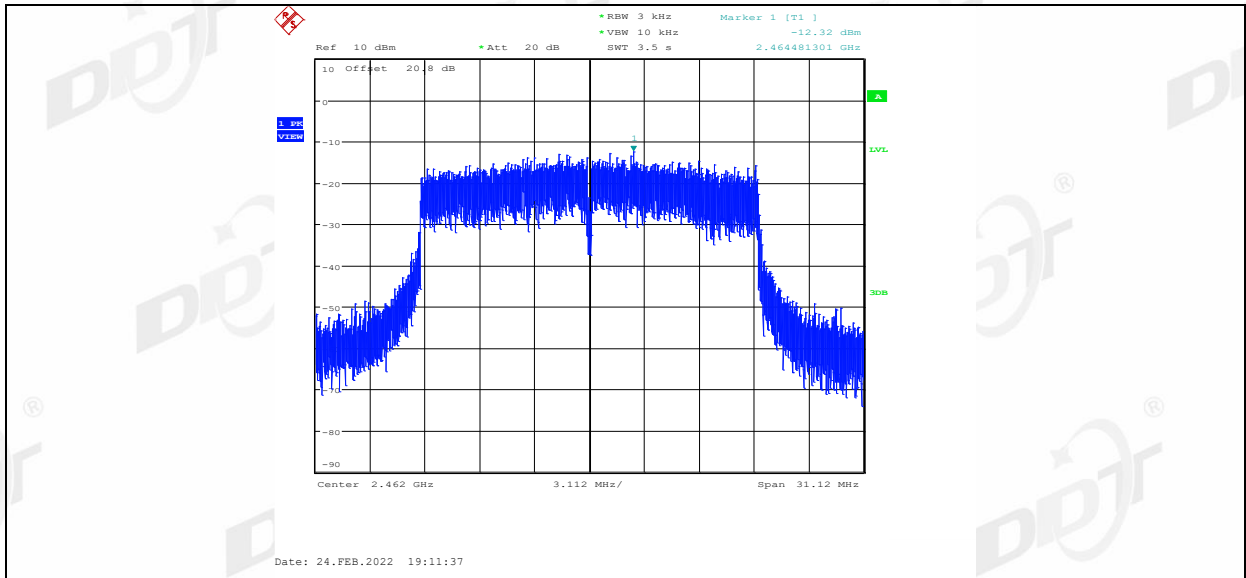
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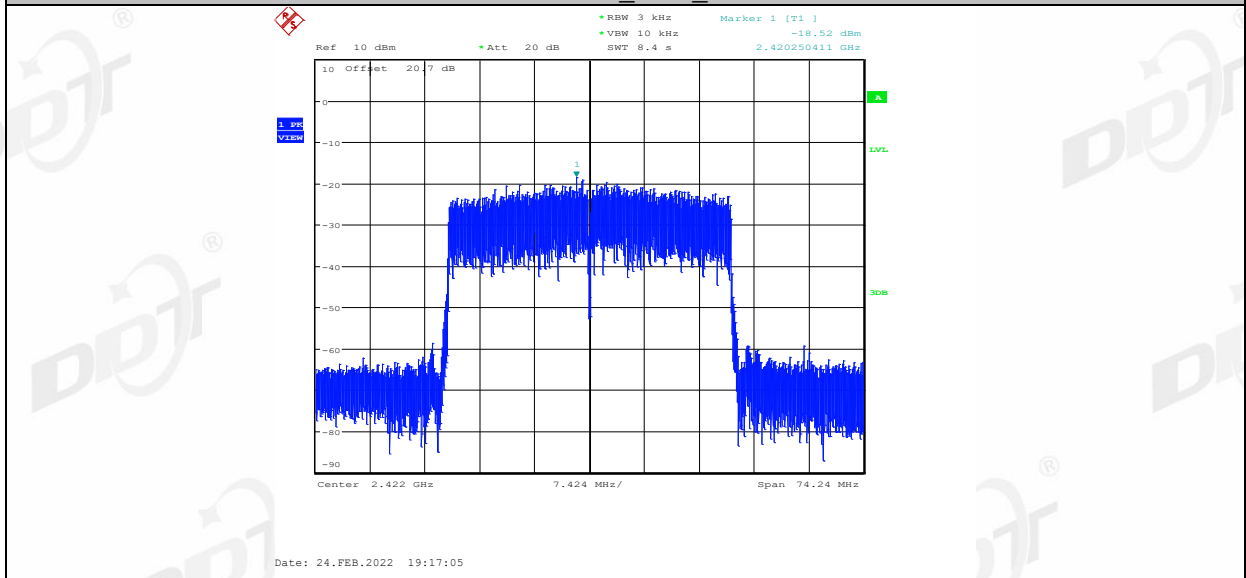
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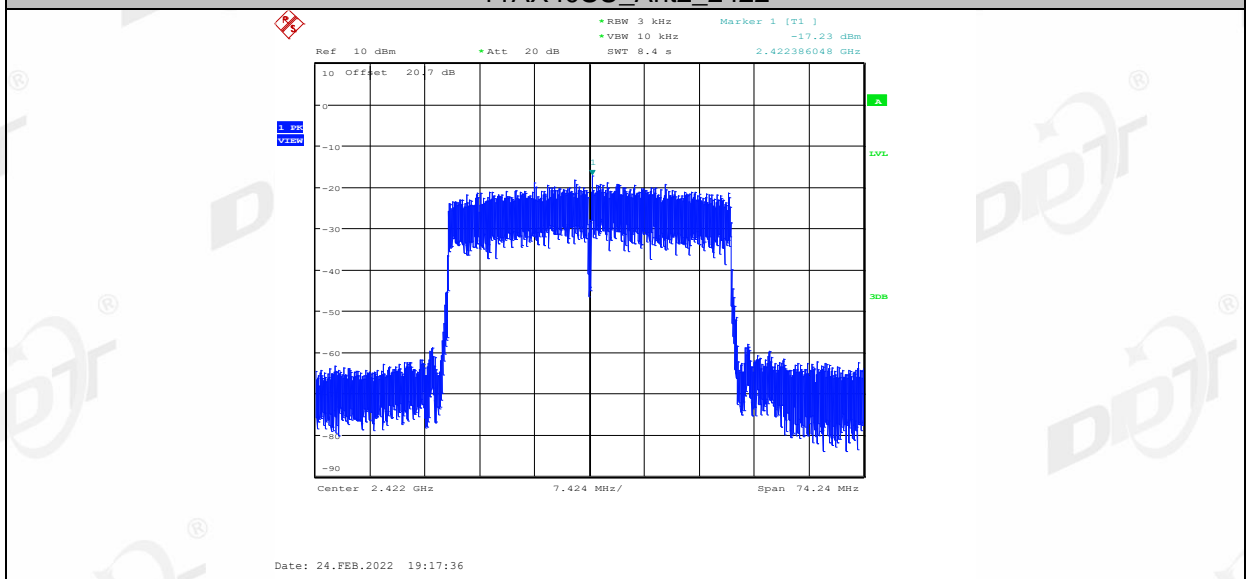
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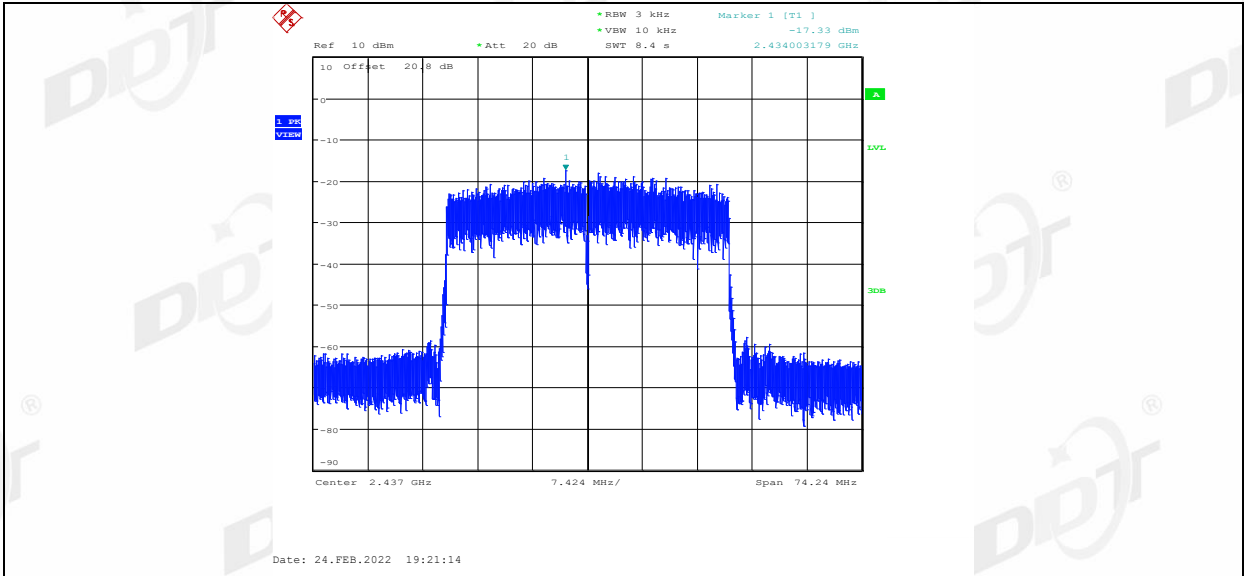
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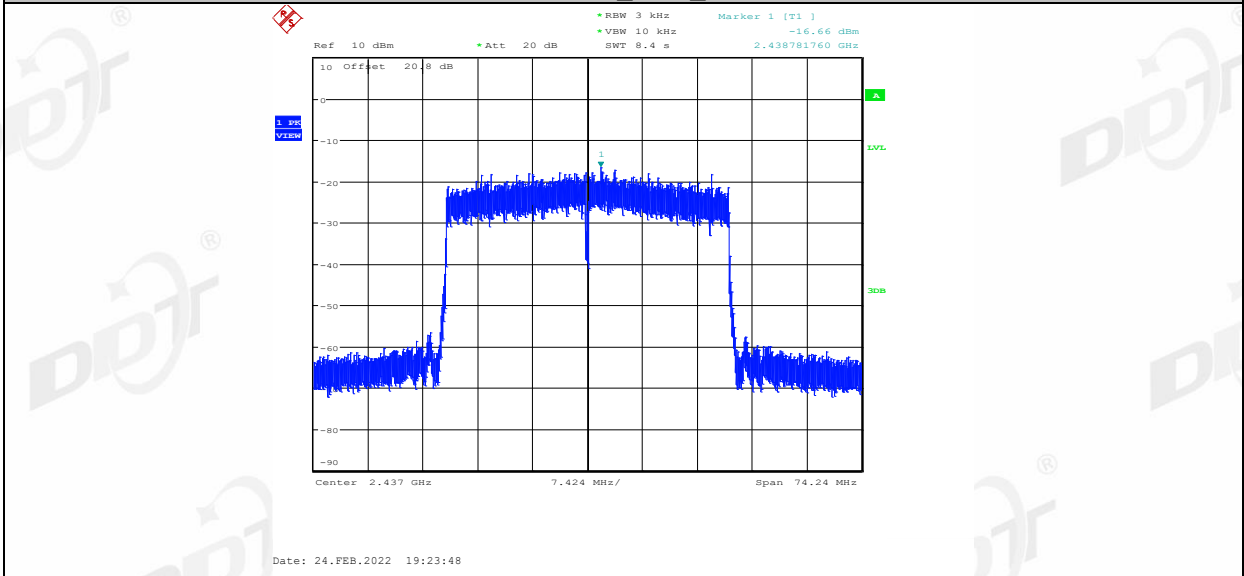
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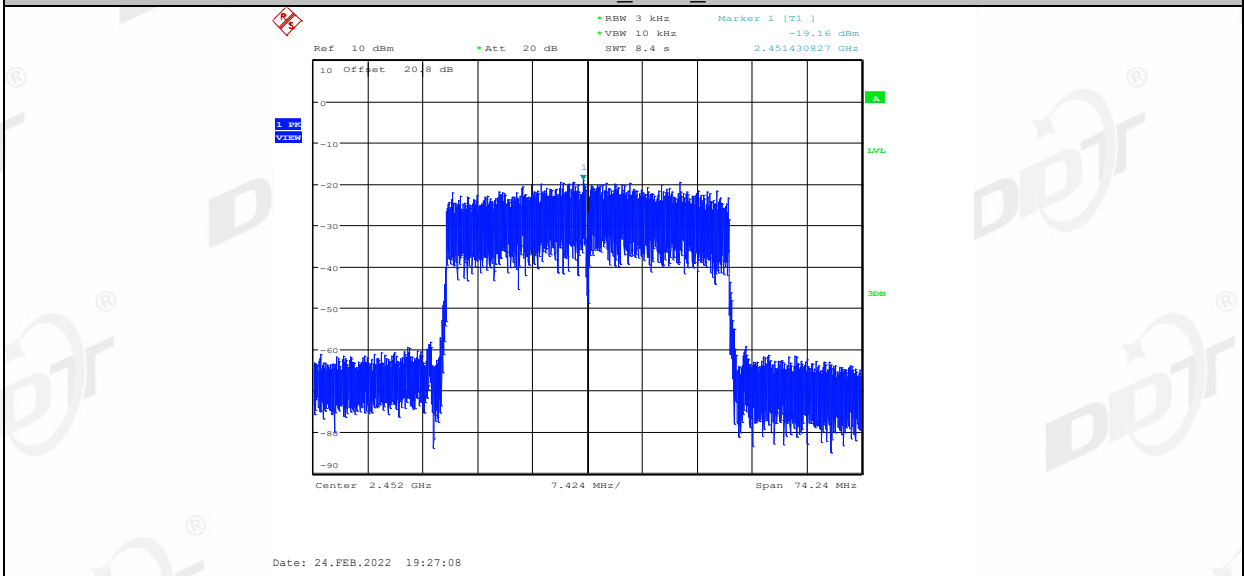
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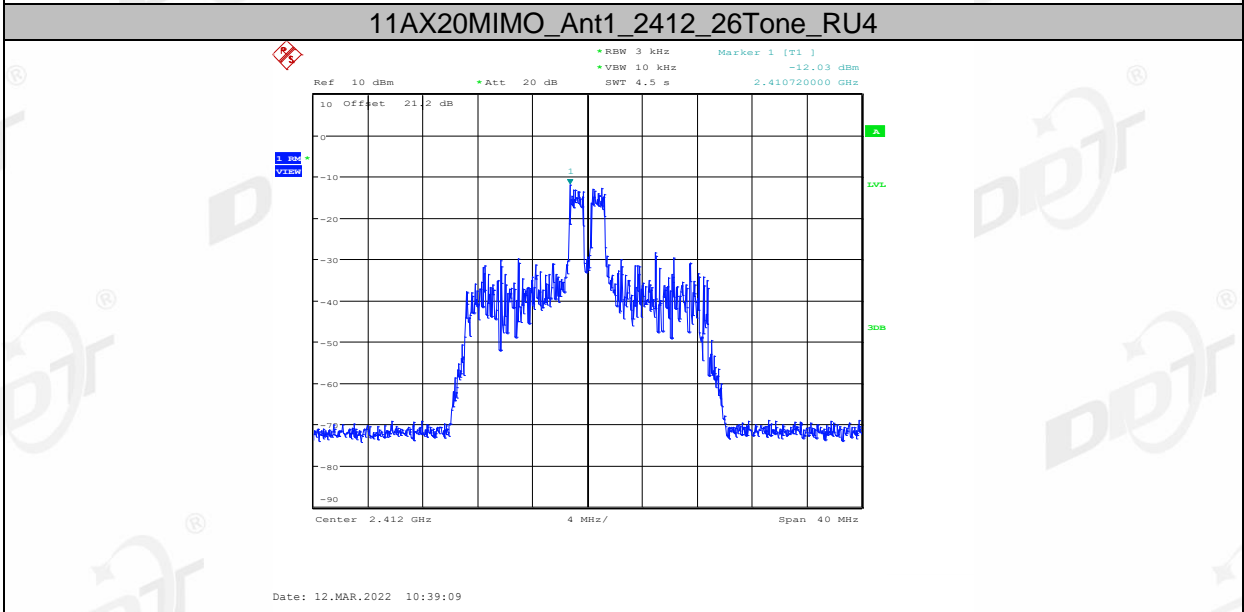
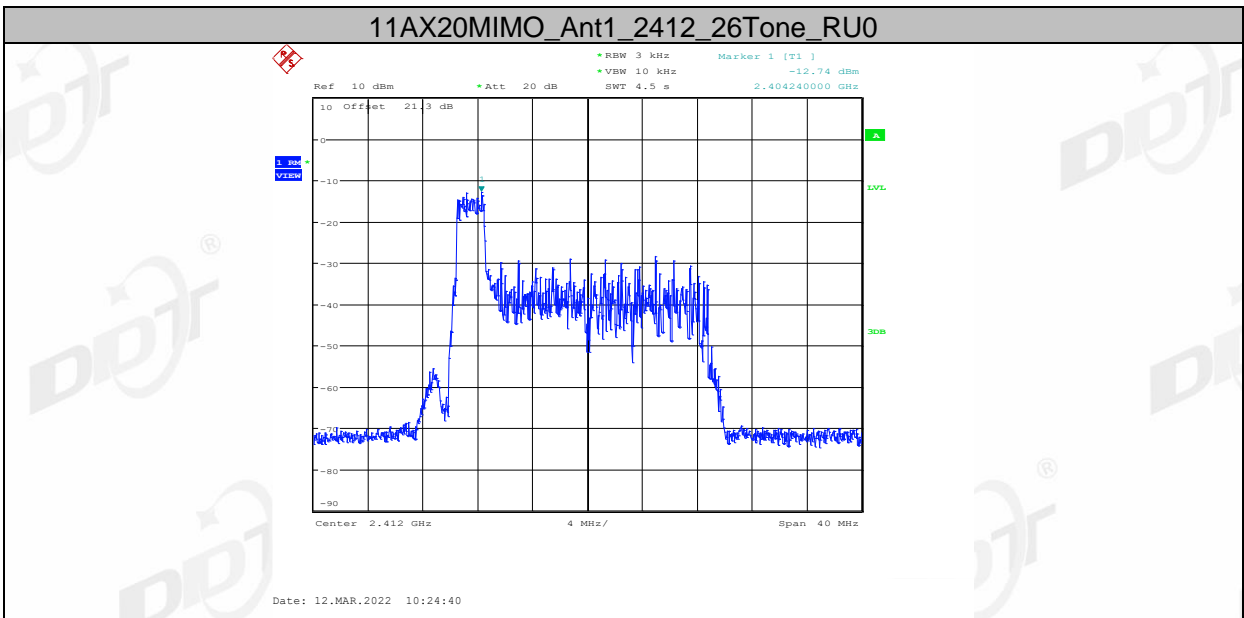
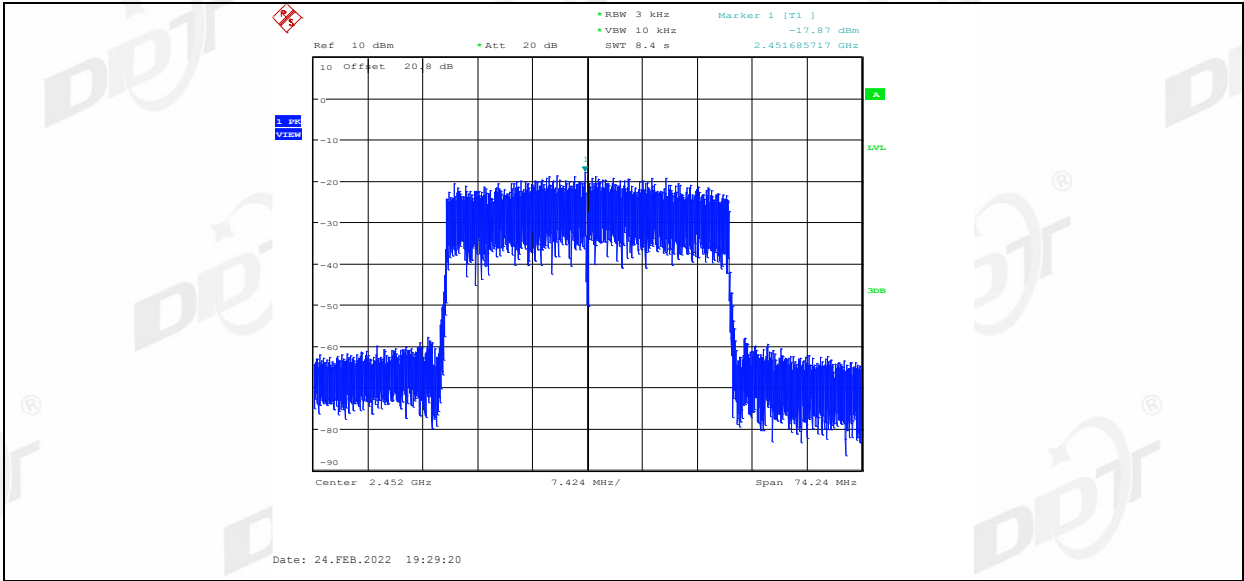
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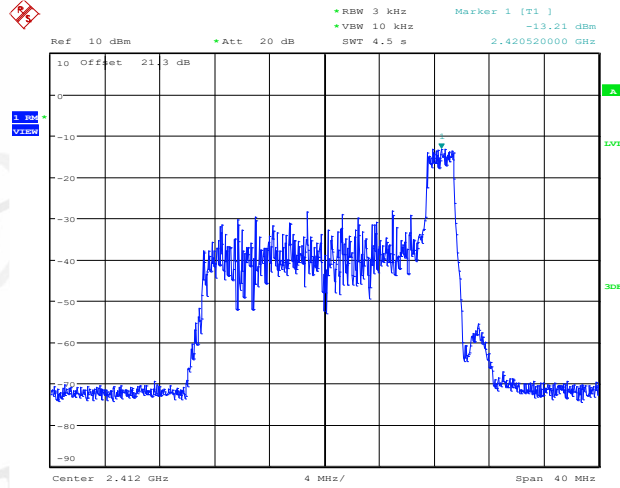
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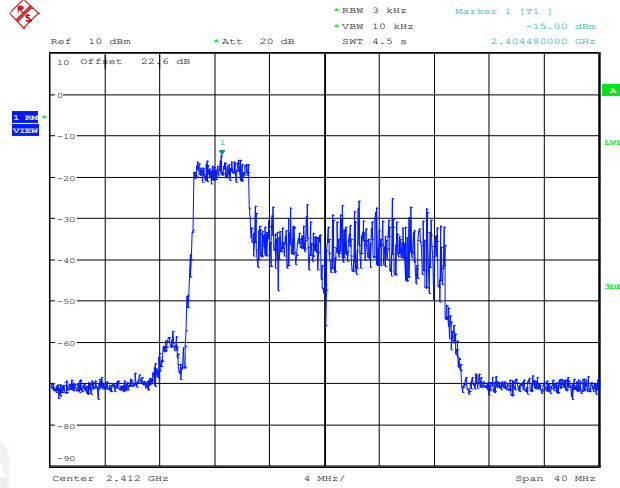


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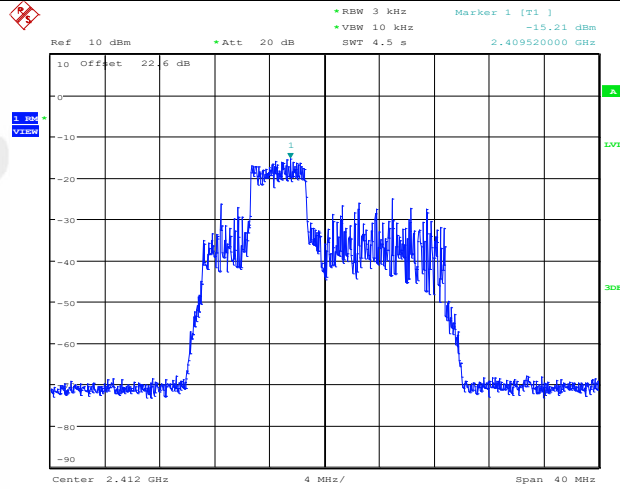
Date: 12.MAR.2022 10:49:42

### 11AX20MIMO\_Ant1\_2412\_52Tone\_RU37



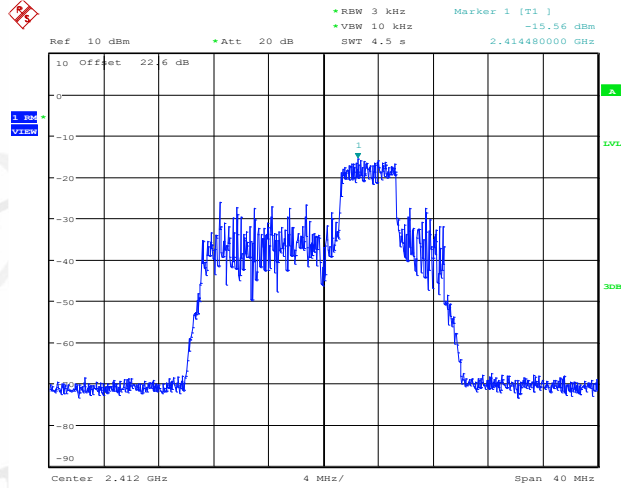
Date: 12.MAR.2022 10:56:26

### 11AX20MIMO\_Ant1\_2412\_52Tone\_RU38



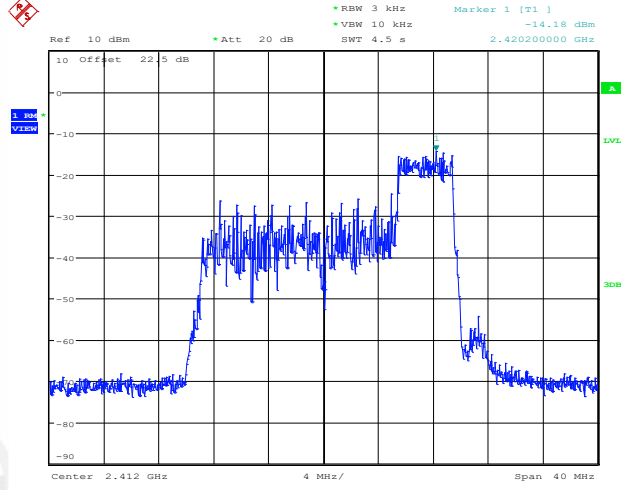
Date: 12.MAR.2022 11:04:51

11AX20MIMO\_Ant1\_2412\_52Tone\_RU39



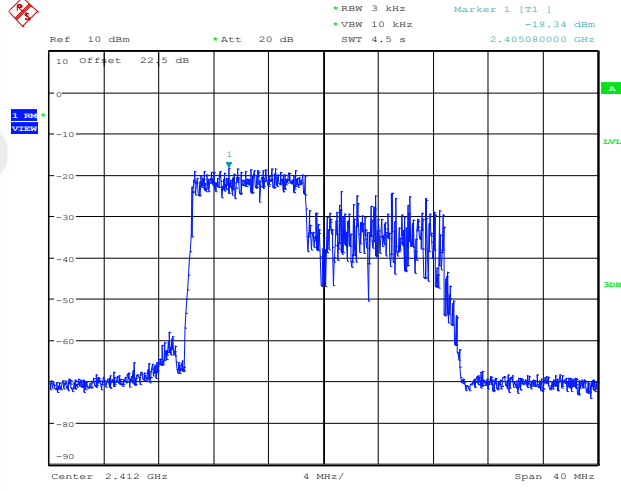
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11AX20MIMO\_Ant1\_2412\_52Tone\_RU40



Date: 12.MAR.2022 11:18:26

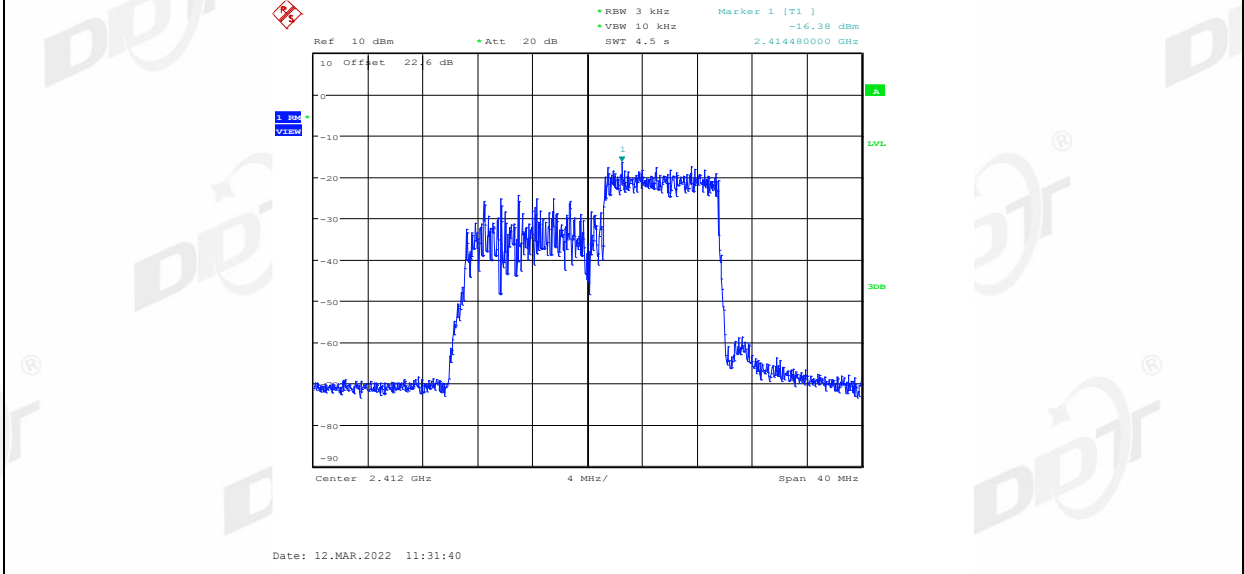
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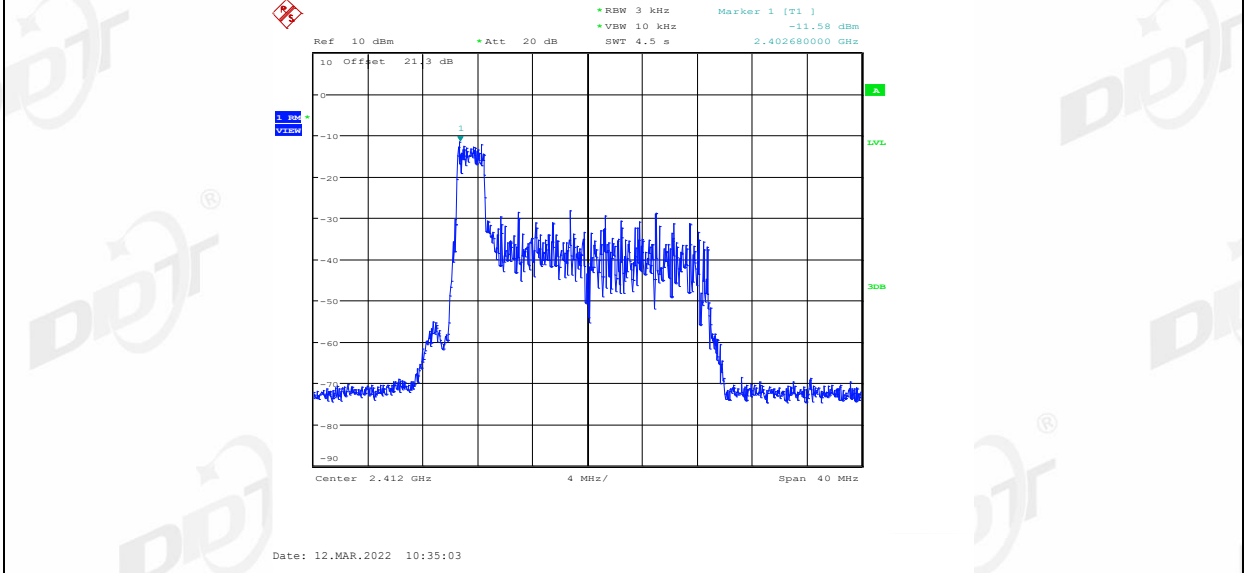
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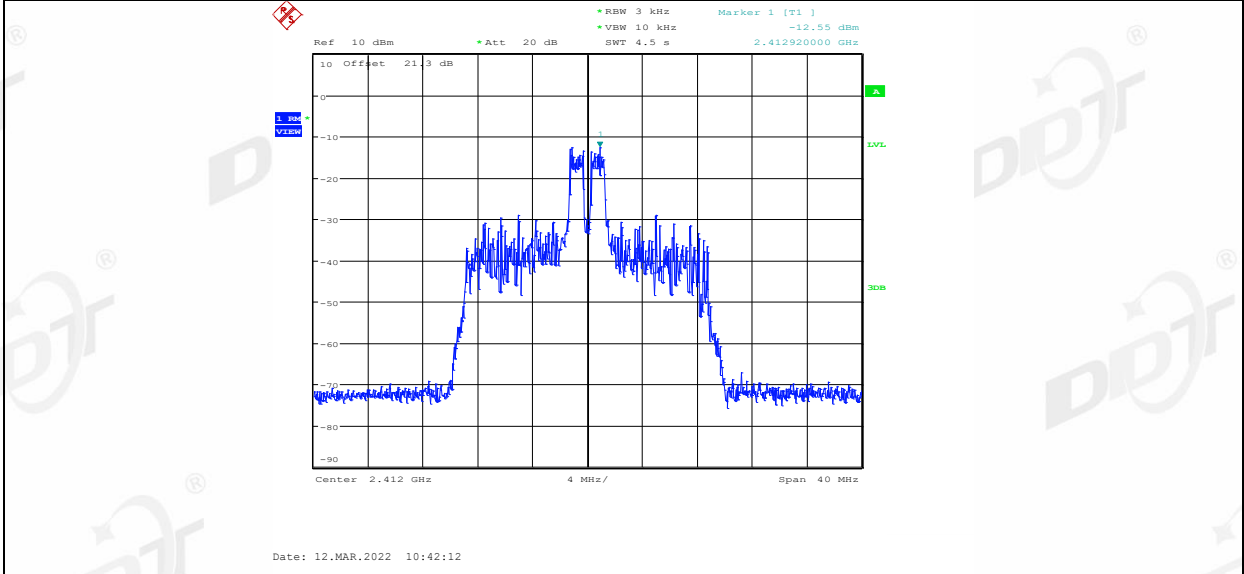
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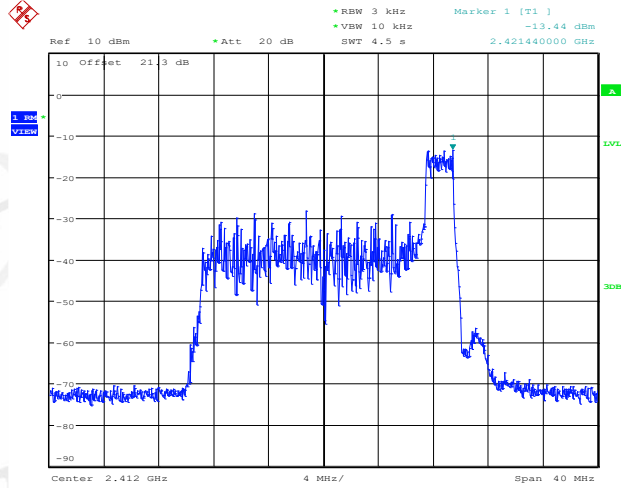
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11AX20MIMO\_Ant2\_2412\_26Tone\_RU4

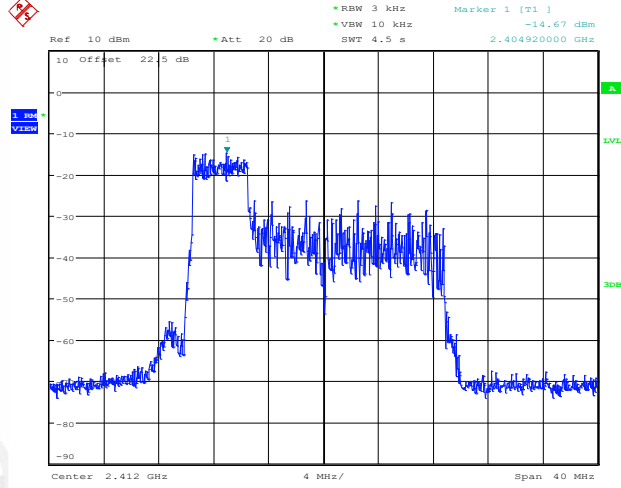


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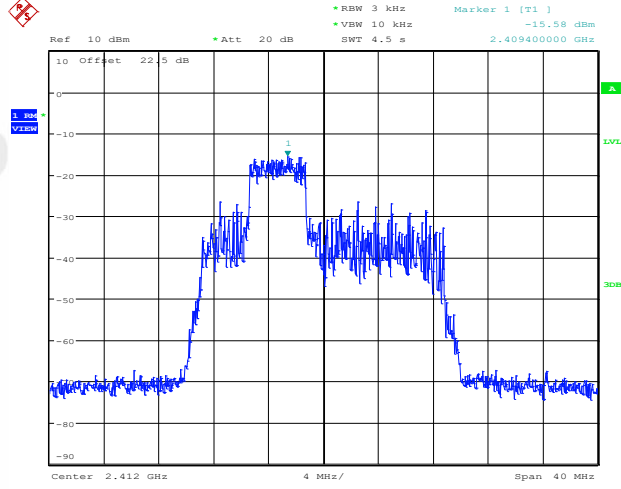
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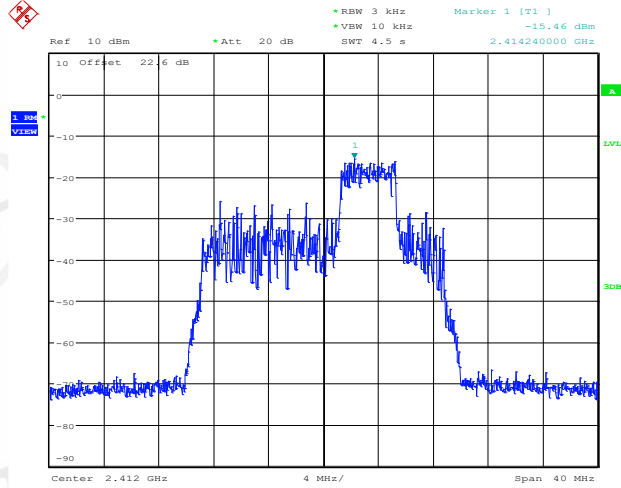
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11AX20MIMO\_Ant2\_2412\_52Tone\_RU38



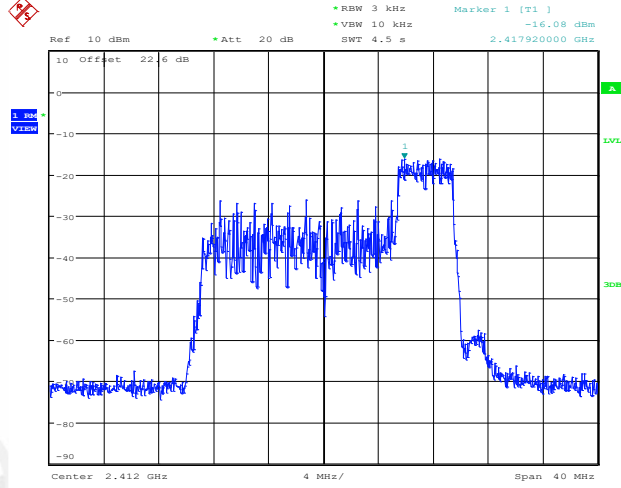
Date: 12.MAR.2022 11:07:52

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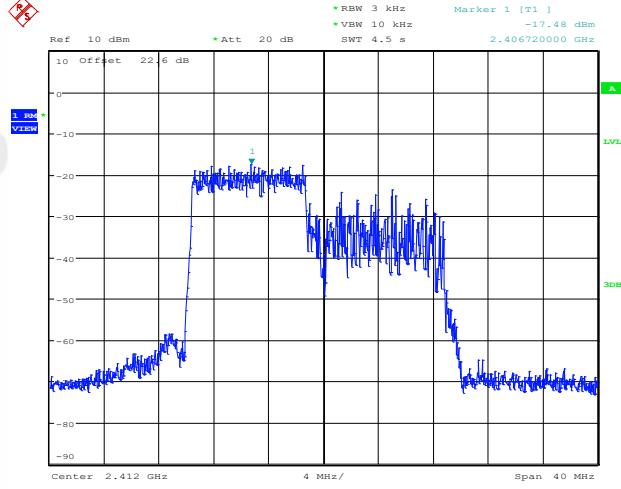
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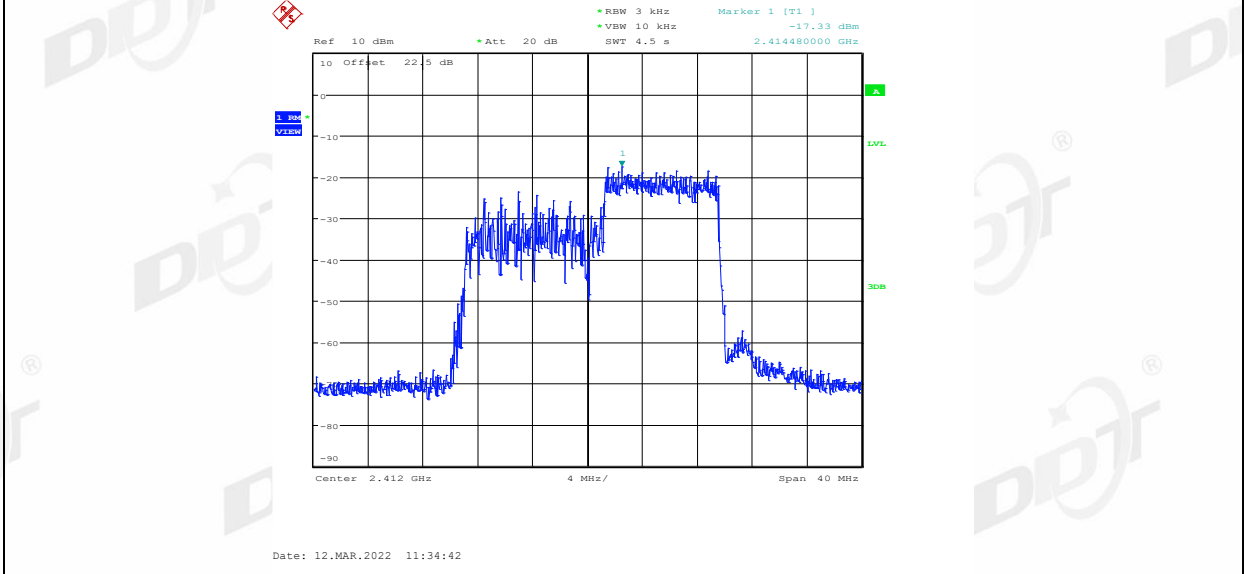
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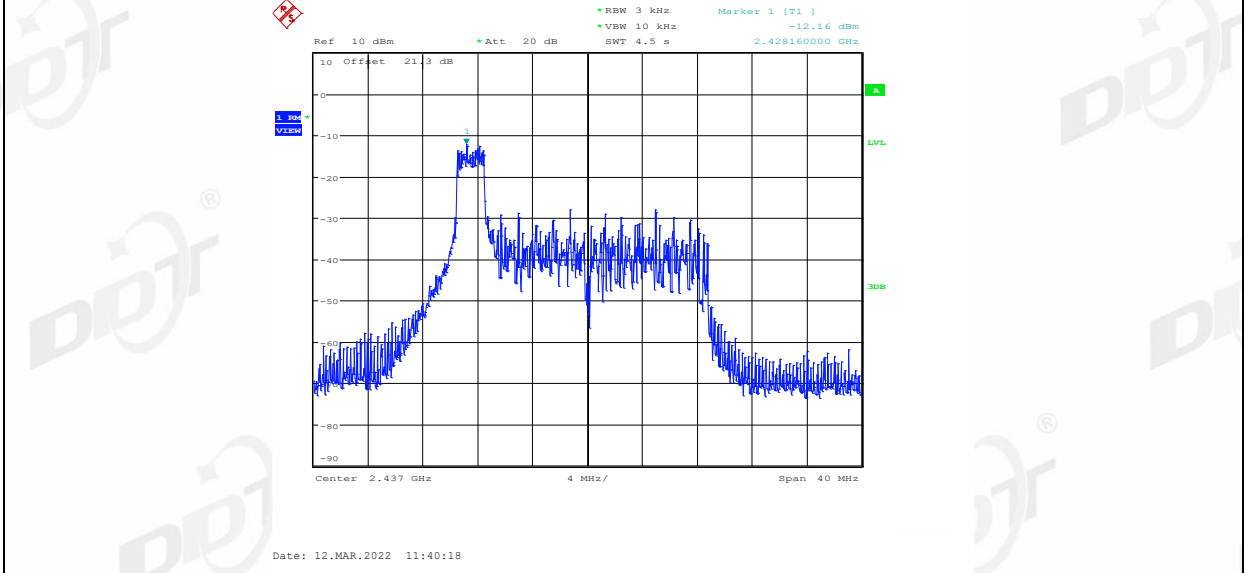


Date: 12.MAR.2022 11:27:56

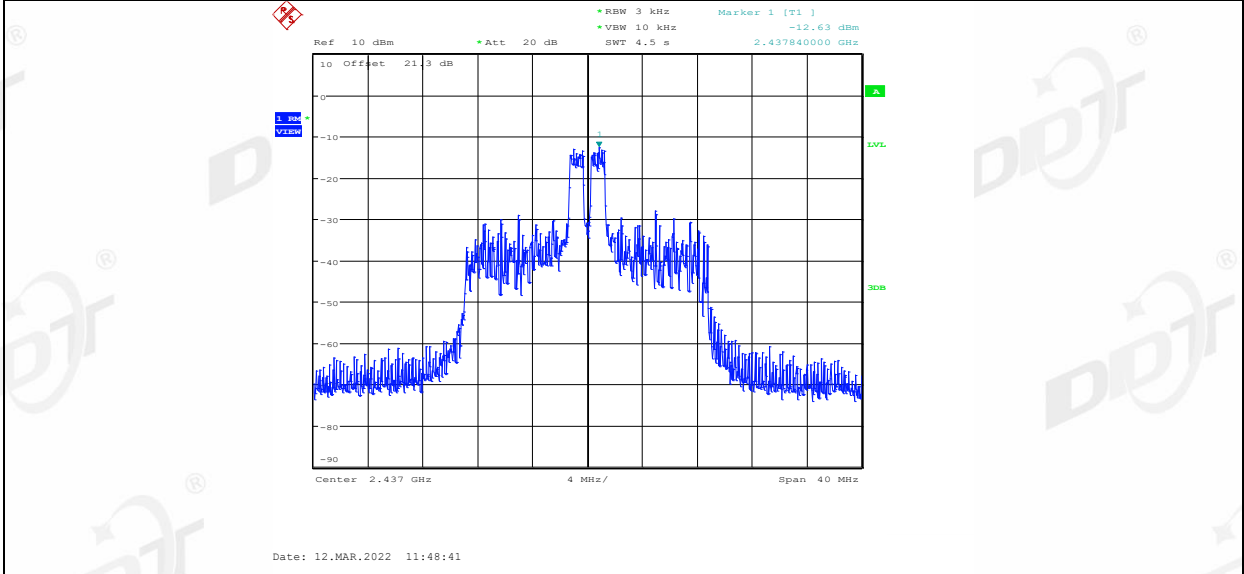
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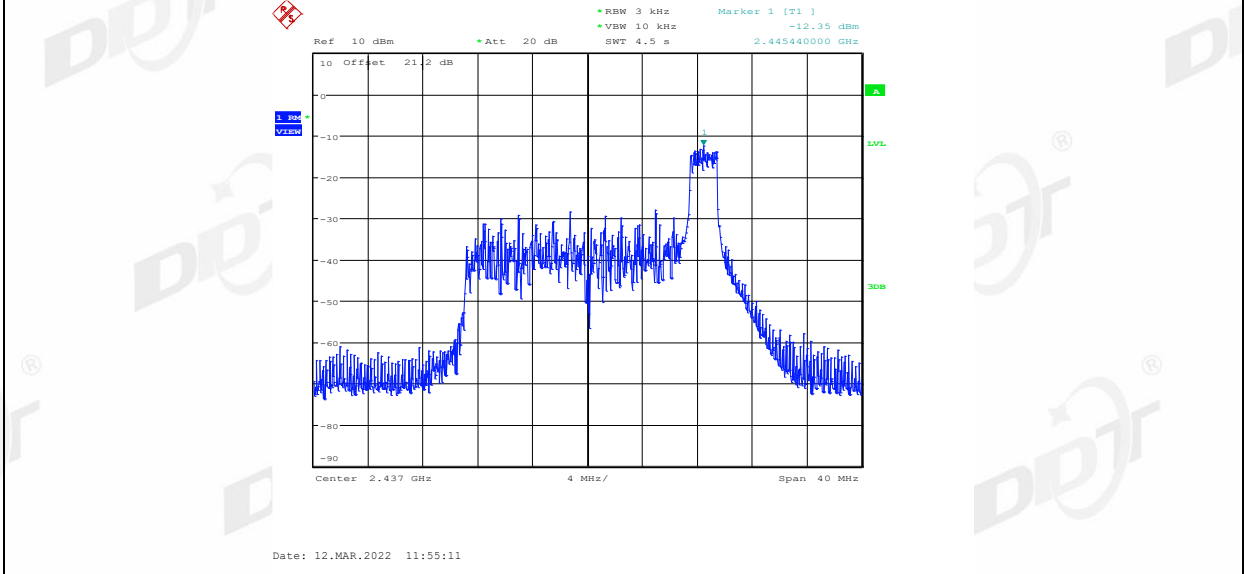
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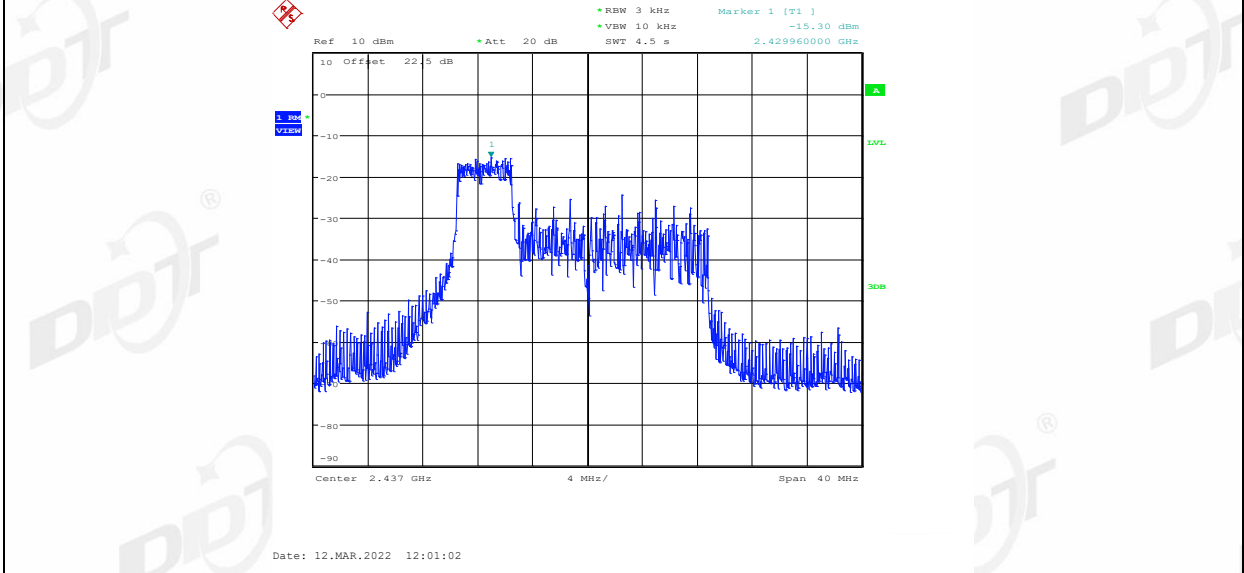
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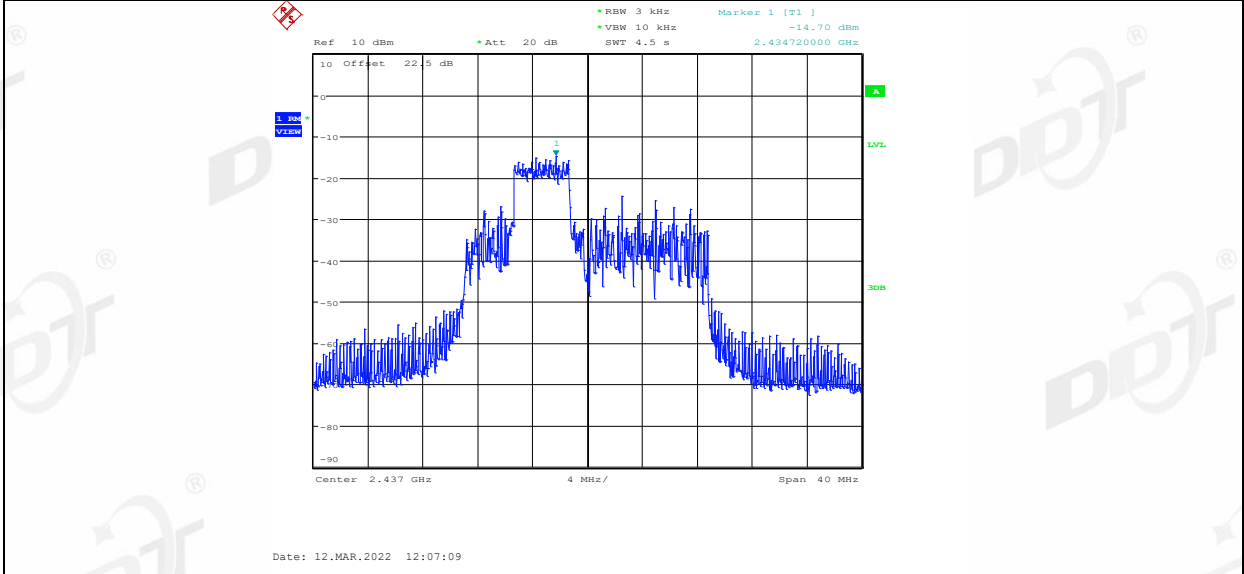
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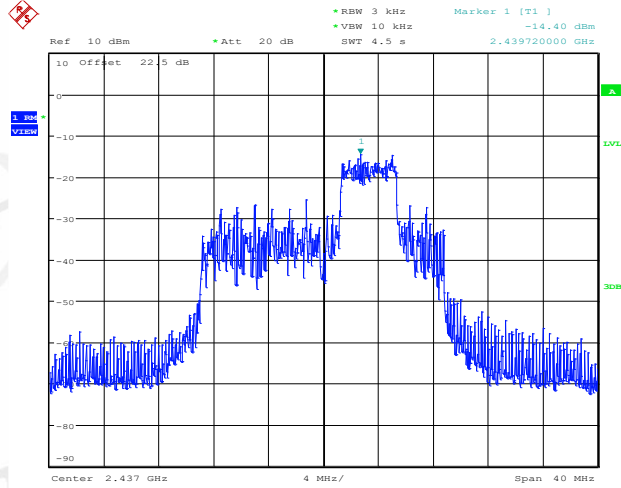
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11AX20MIMO\_Ant1\_2437\_52Tone\_RU38

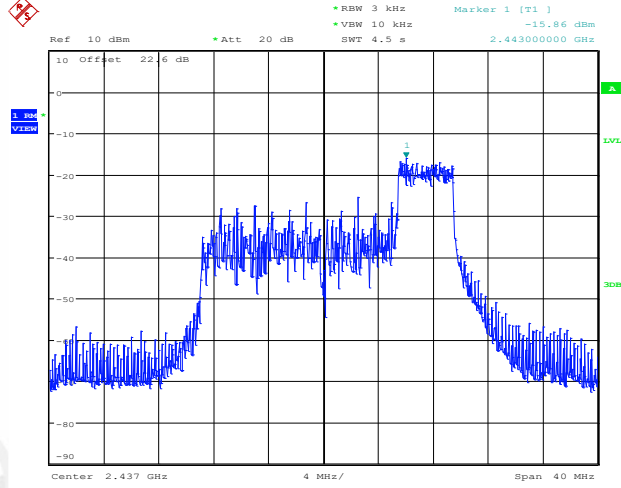


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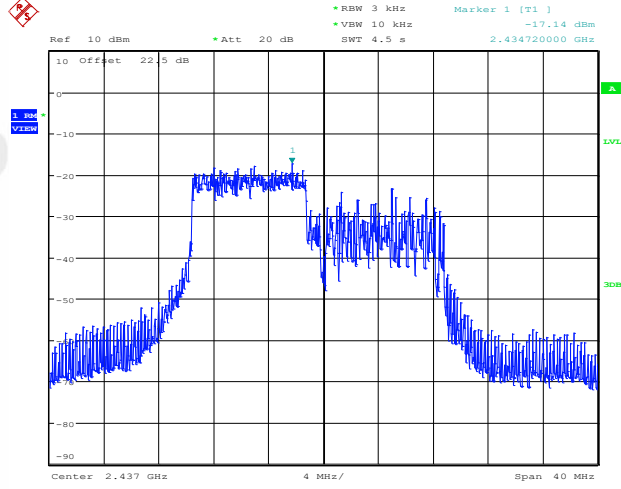
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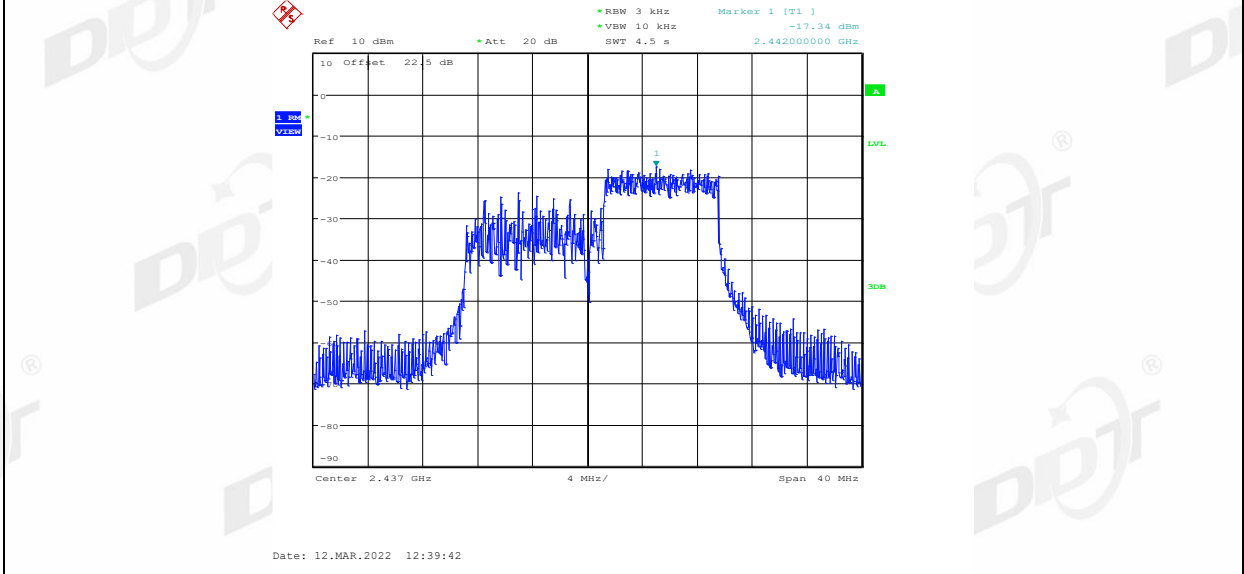
Date: 9.APR.2022 16:47:53

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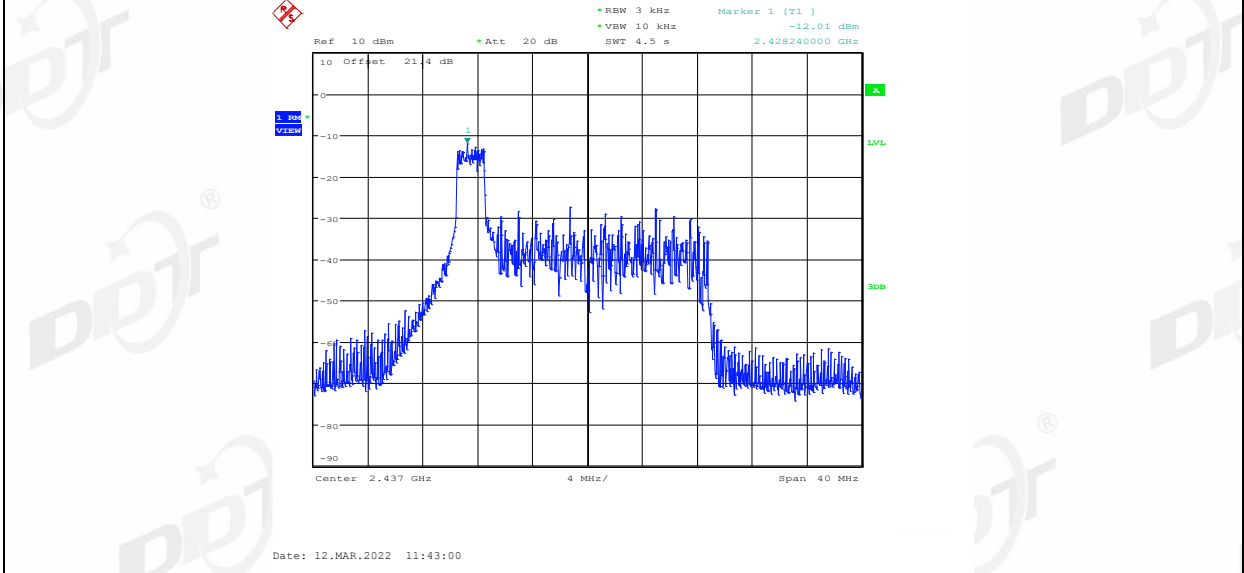


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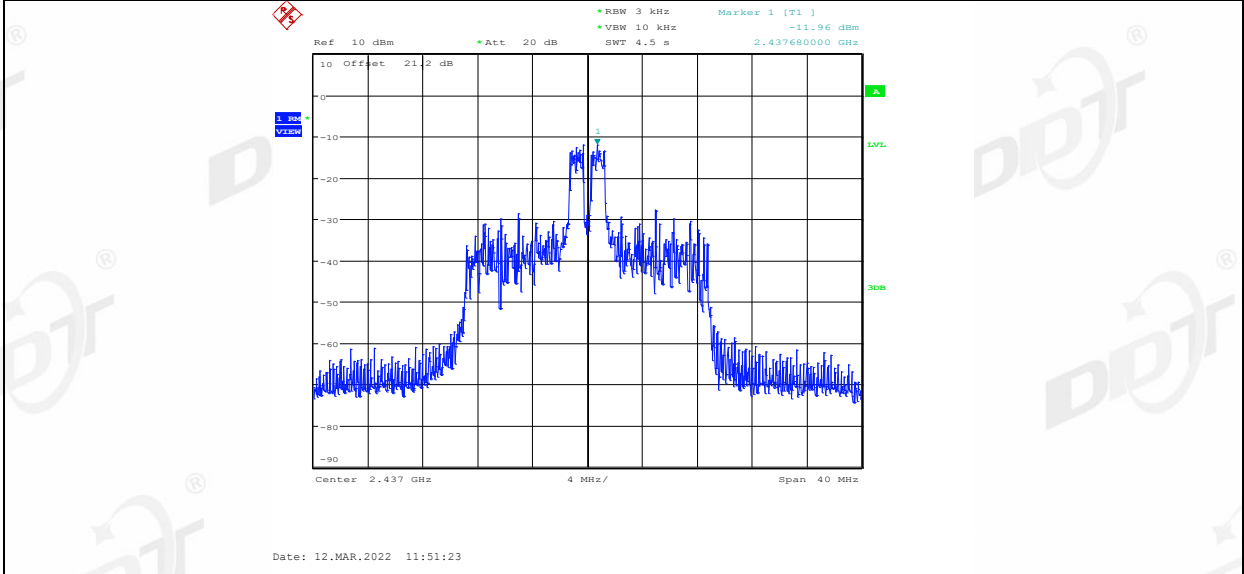
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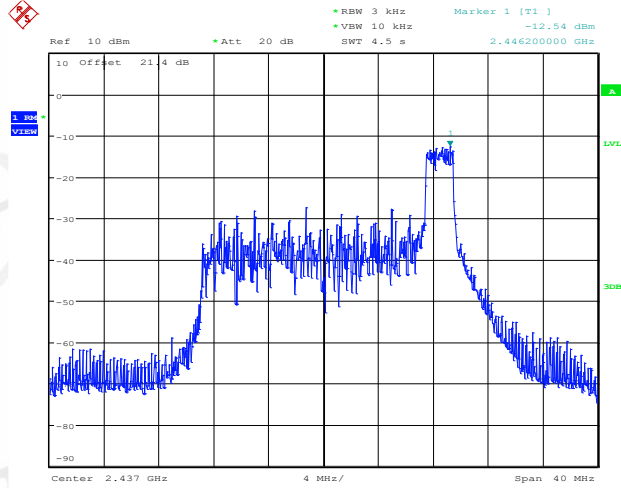
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11AX20MIMO\_Ant2\_2437\_26Tone\_RU4

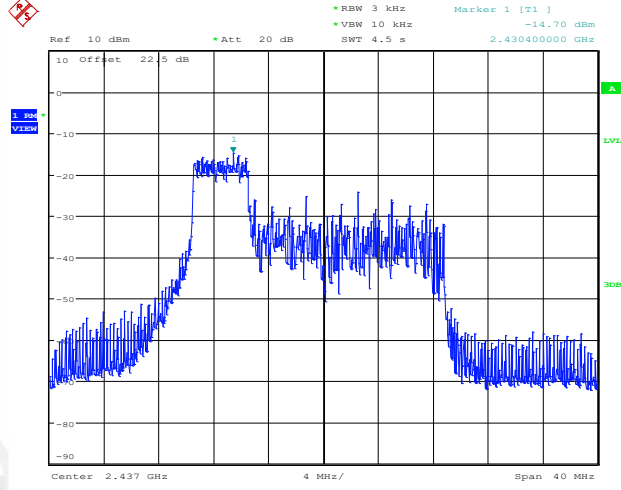


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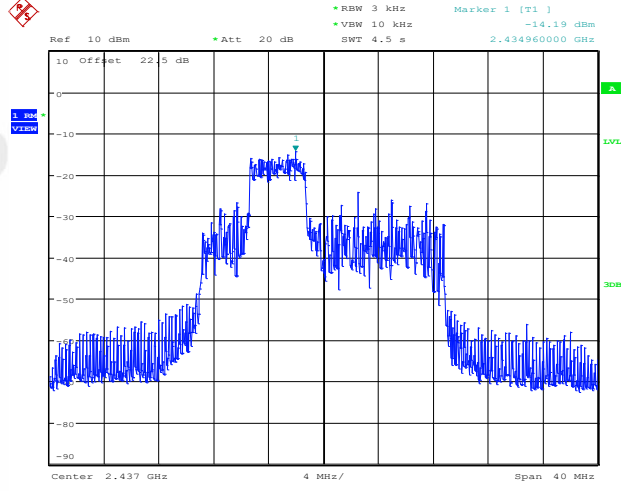
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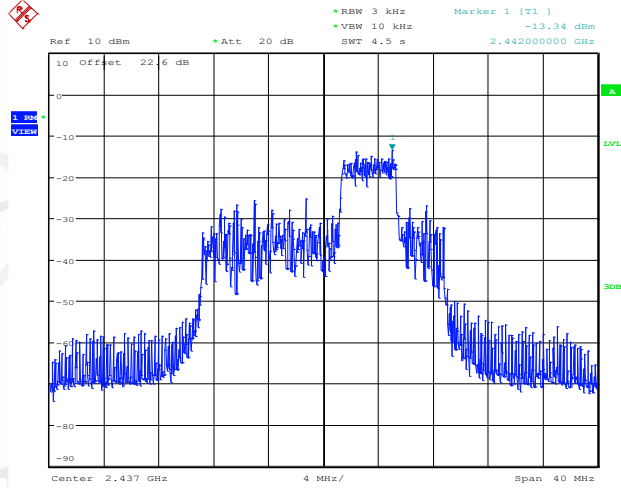
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Date: 12.MAR.2022 12:09:51

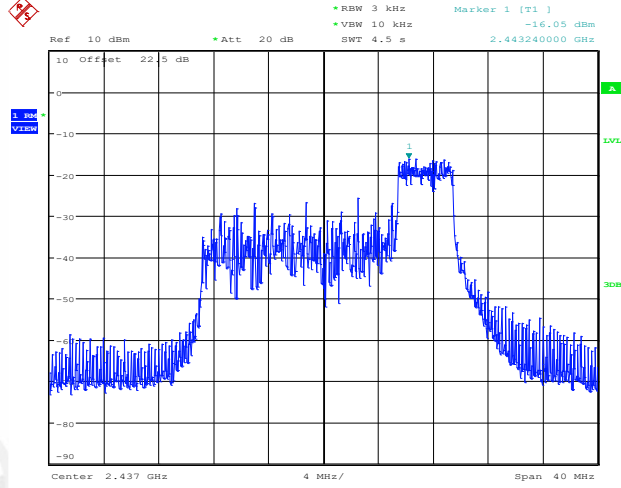


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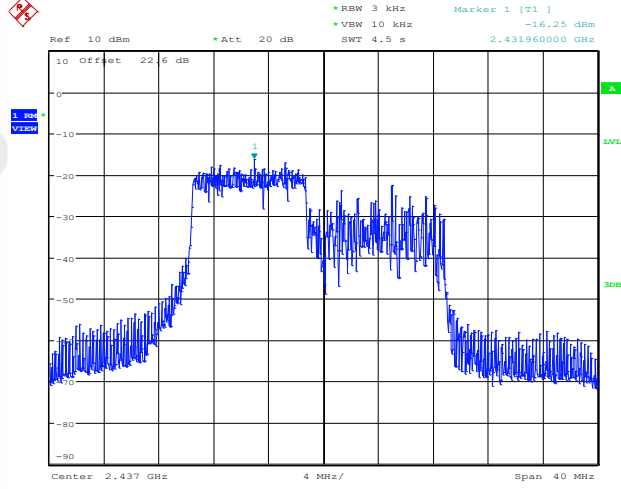
Date: 12.MAR.2022 12:16:14

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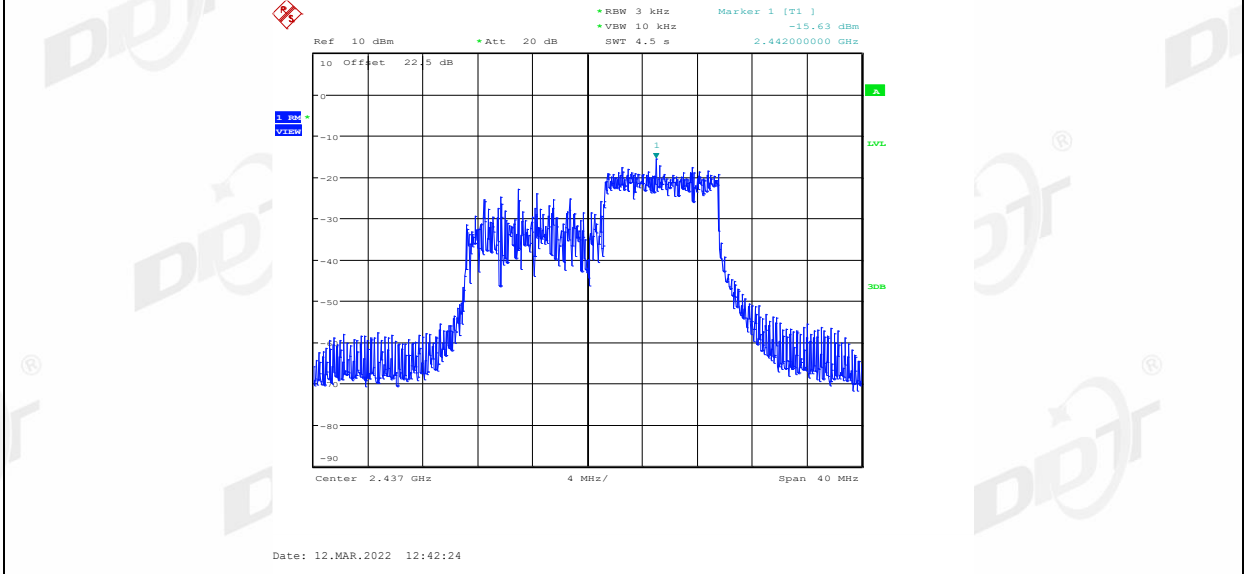
Date: 9.APR.2022 16:49:24

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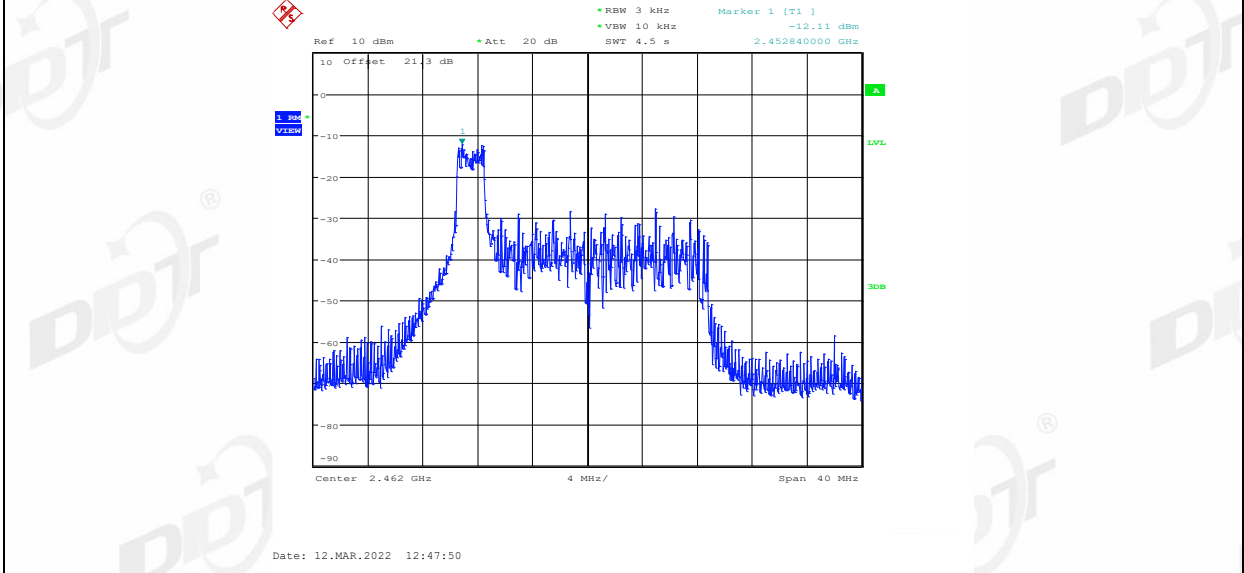


Date: 12.MAR.2022 12:35:45

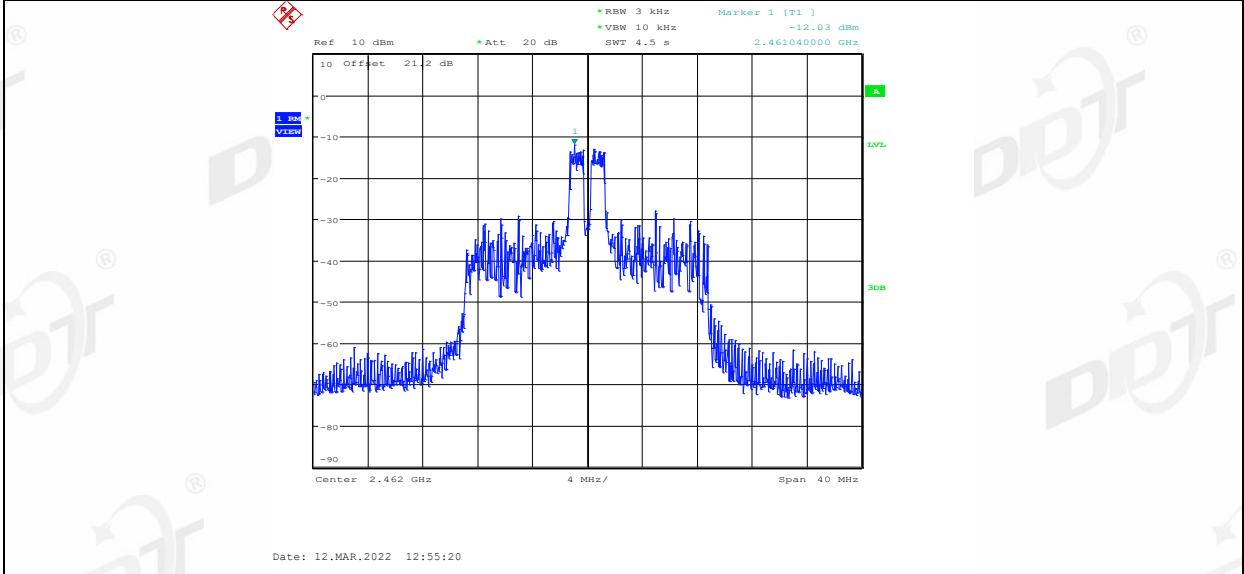
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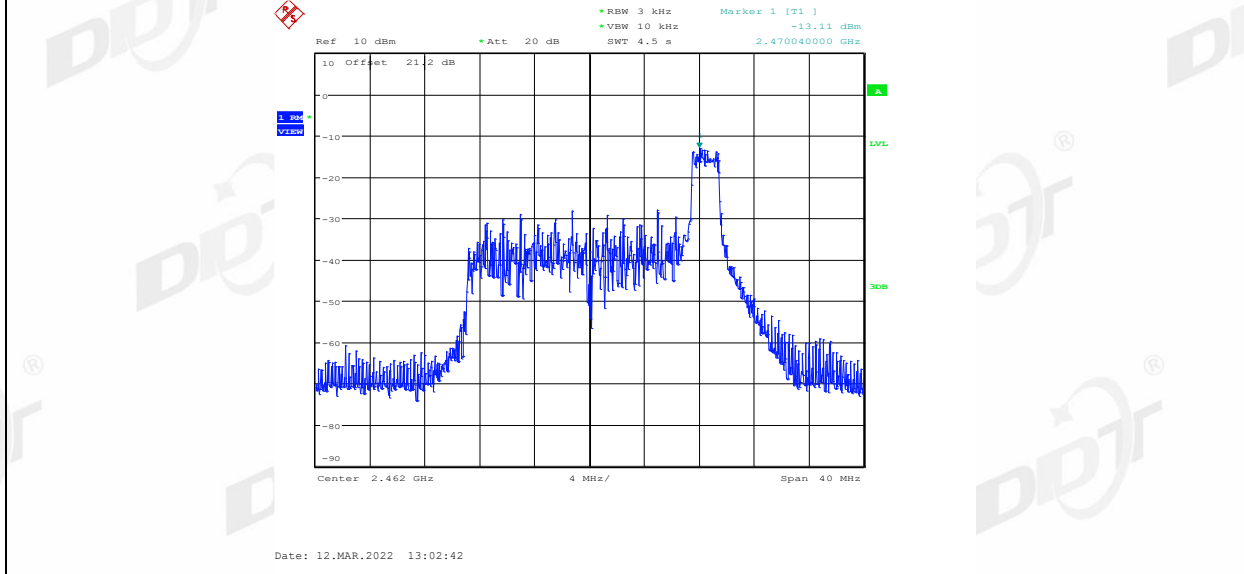
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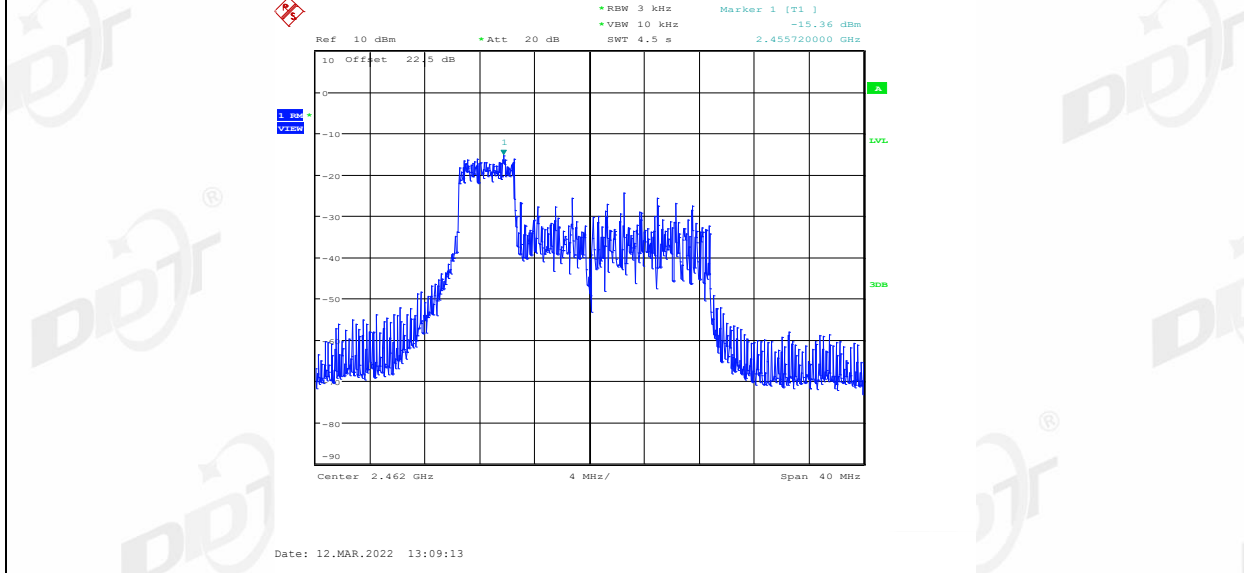
11AX20MIMO\_Ant1\_2462\_26Tone\_RU4



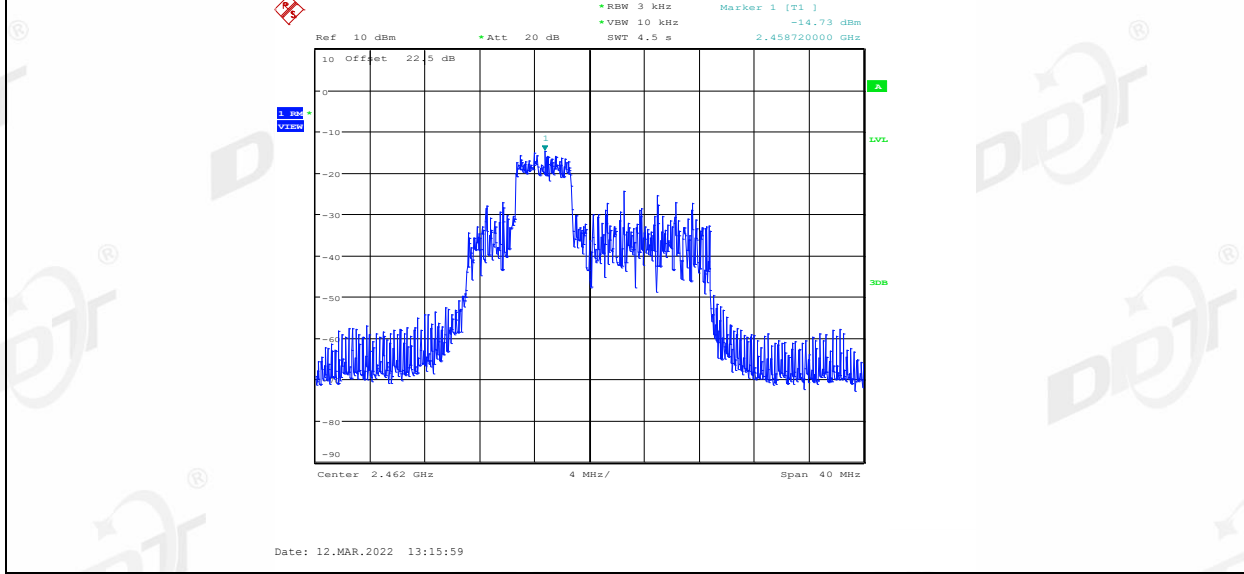
11AX20MIMO\_Ant1\_2462\_26Tone\_RU8



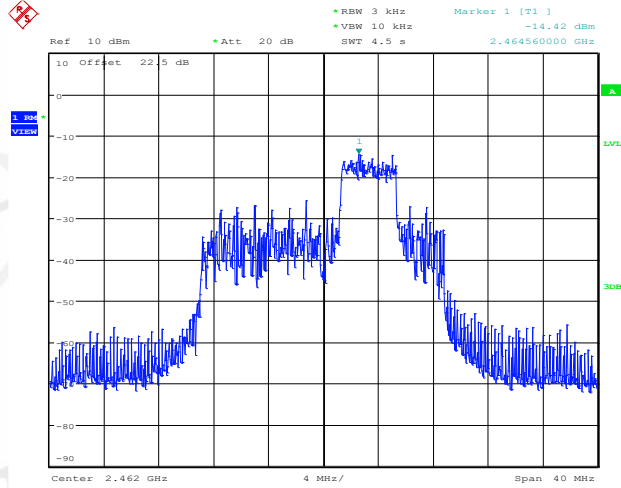
11AX20MIMO\_Ant1\_2462\_52Tone\_RU37



11AX20MIMO\_Ant1\_2462\_52Tone\_RU38

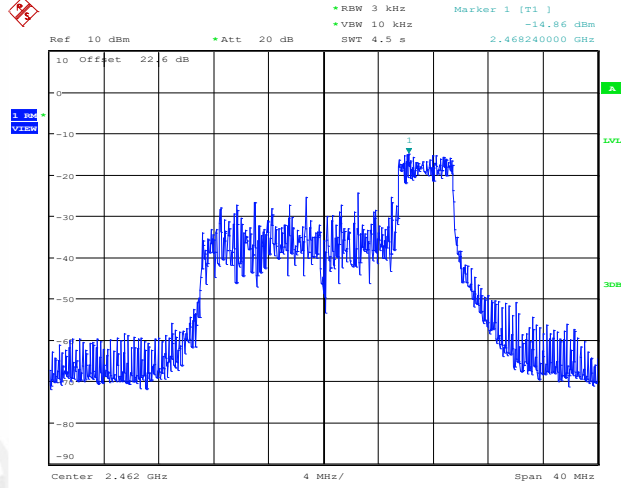


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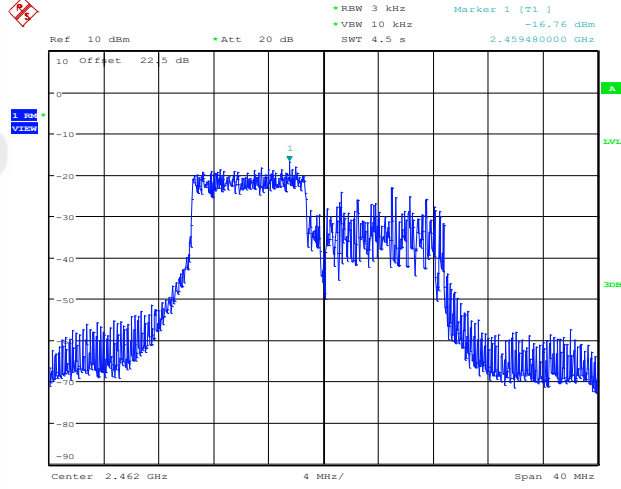
Date: 12.MAR.2022 13:23:43

11AX20MIMO\_Ant1\_2462\_52Tone\_RU40



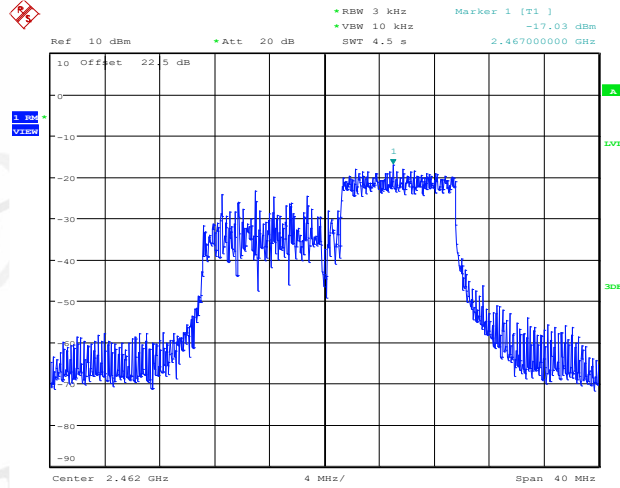
Date: 12.MAR.2022 13:30:45

11AX20MIMO\_Ant1\_2462\_106Tone\_RU53



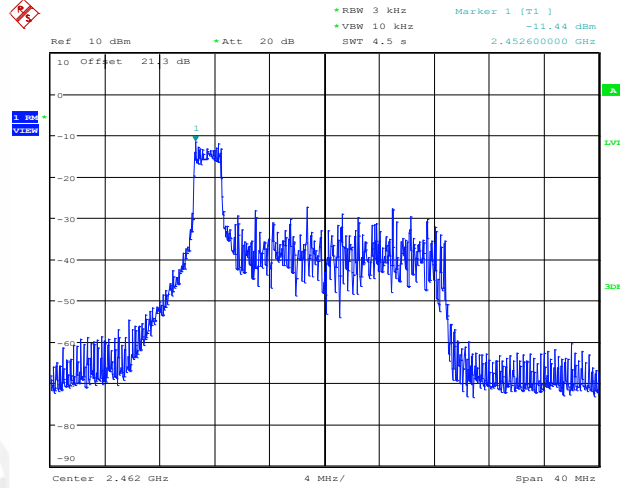
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11AX20MIMO\_Ant1\_2462\_106Tone\_RU54



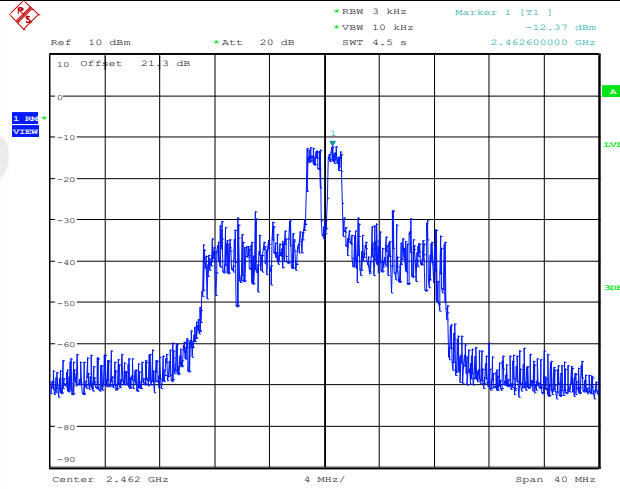
Date: 12.MAR.2022 13:47:01

11AX20MIMO\_Ant2\_2462\_26Tone\_RU0



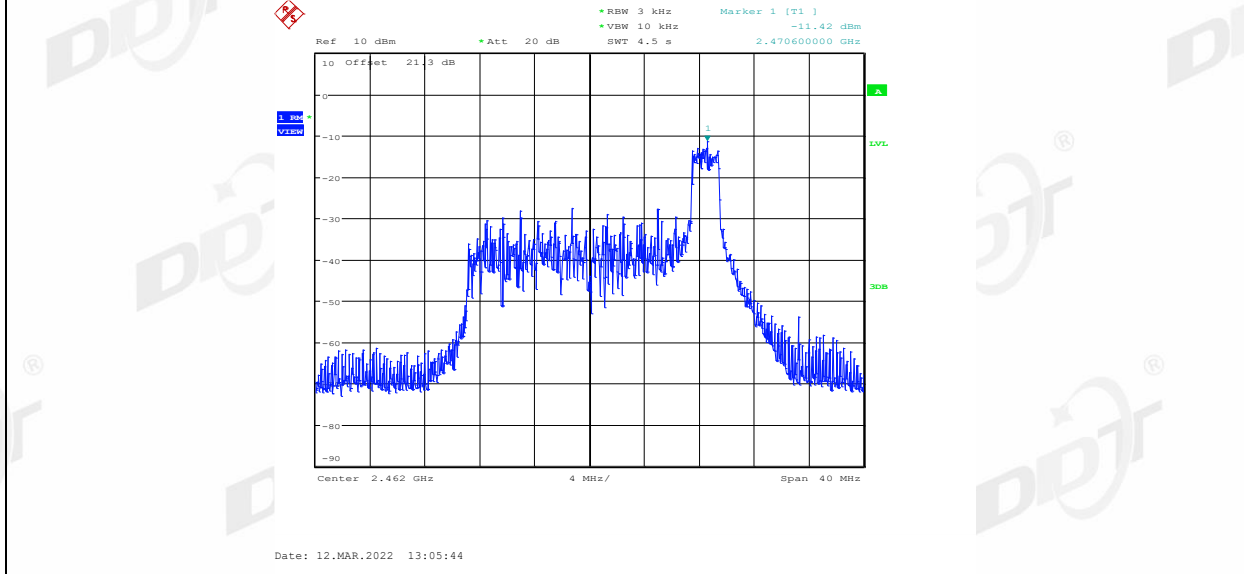
Date: 12.MAR.2022 12:50:51

11AX20MIMO\_Ant2\_2462\_26Tone\_RU4

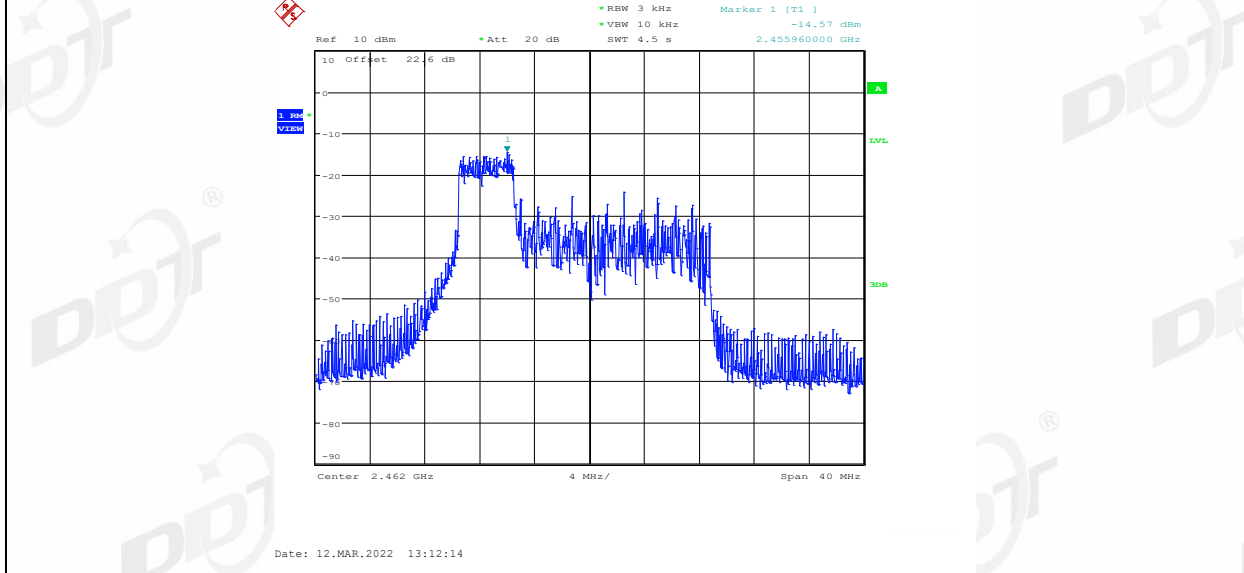


Date: 12.MAR.2022 12:58:21

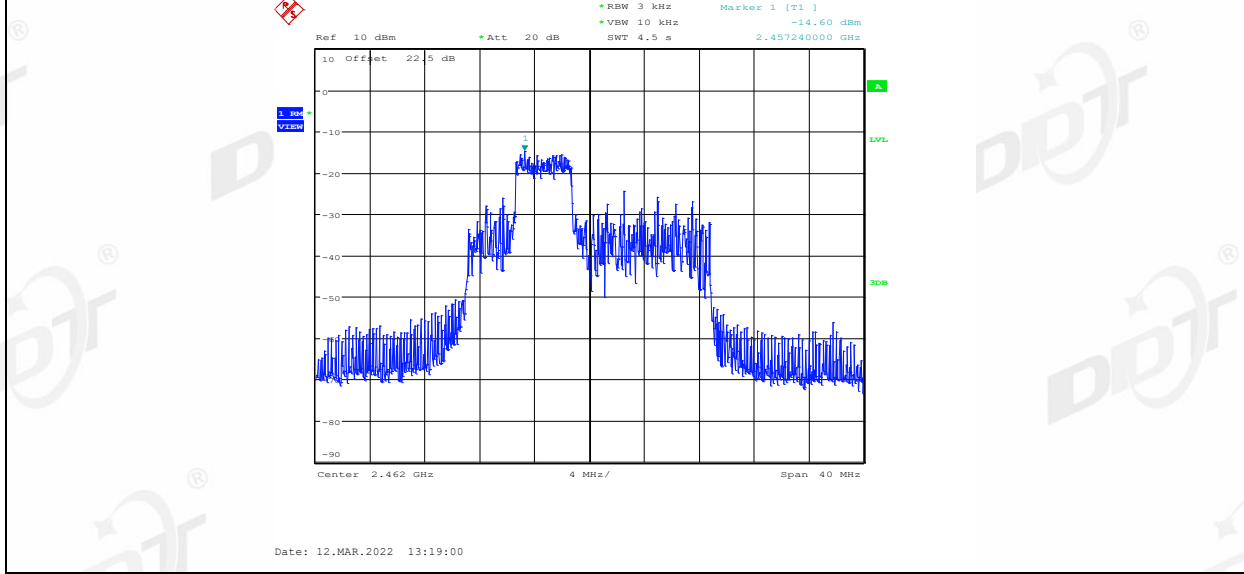
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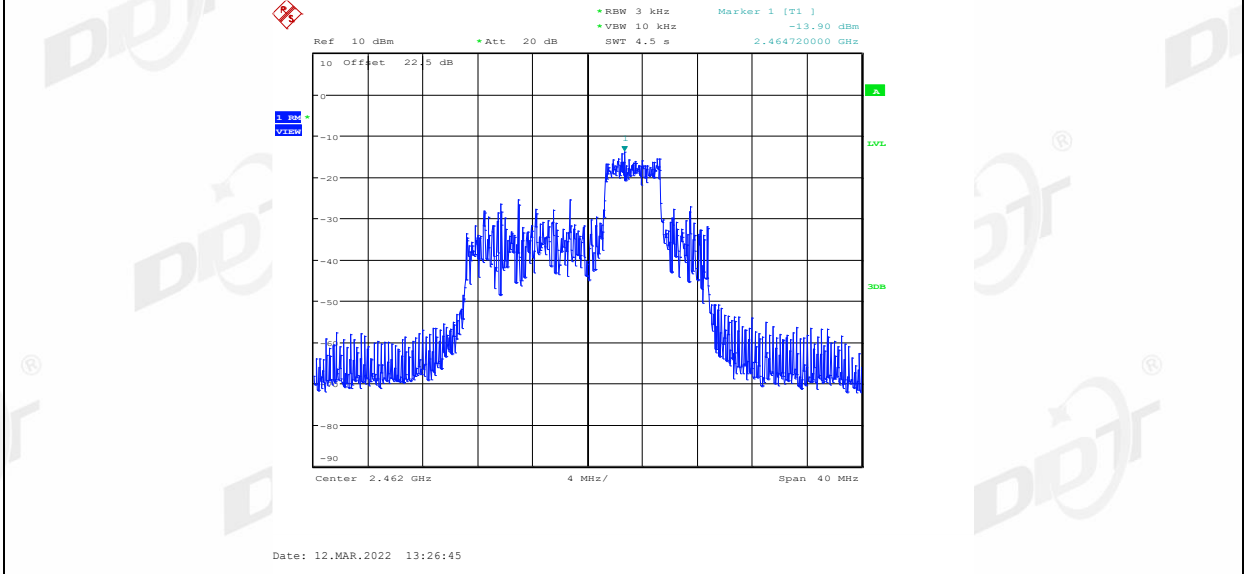
### 11AX20MIMO\_Ant2\_2462\_52Tone\_RU37



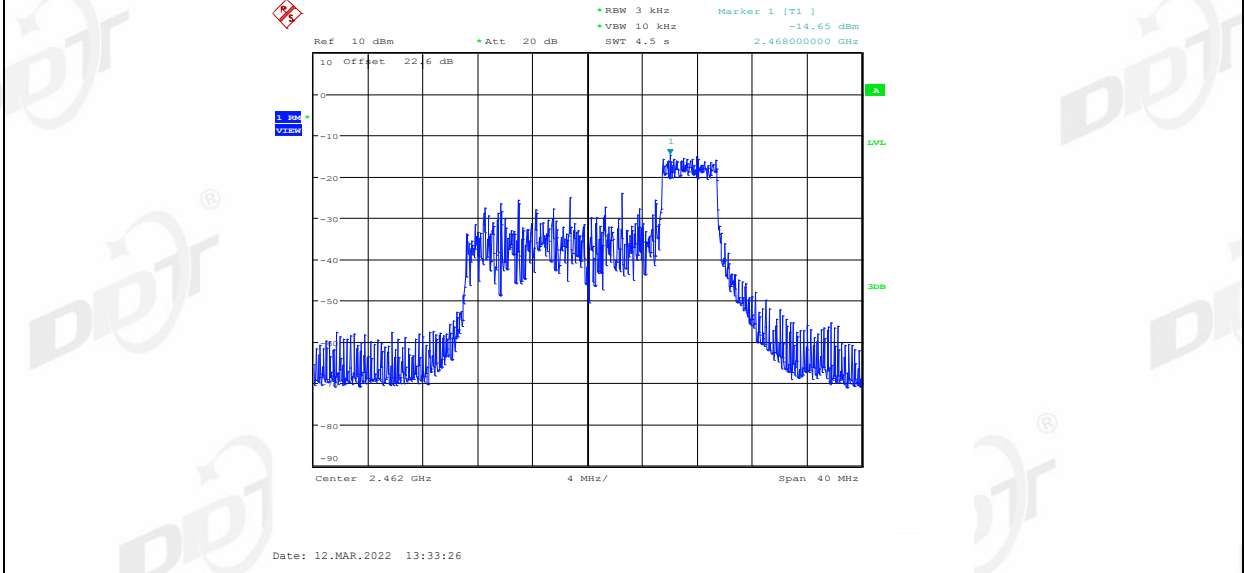
### 11AX20MIMO\_Ant2\_2462\_52Tone\_RU38



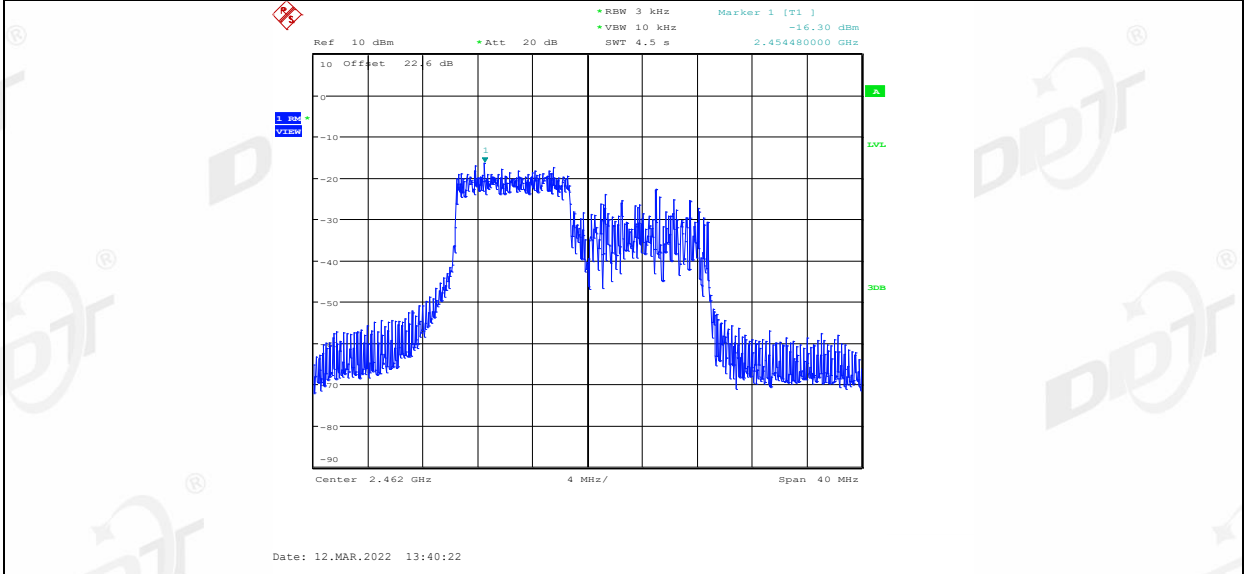
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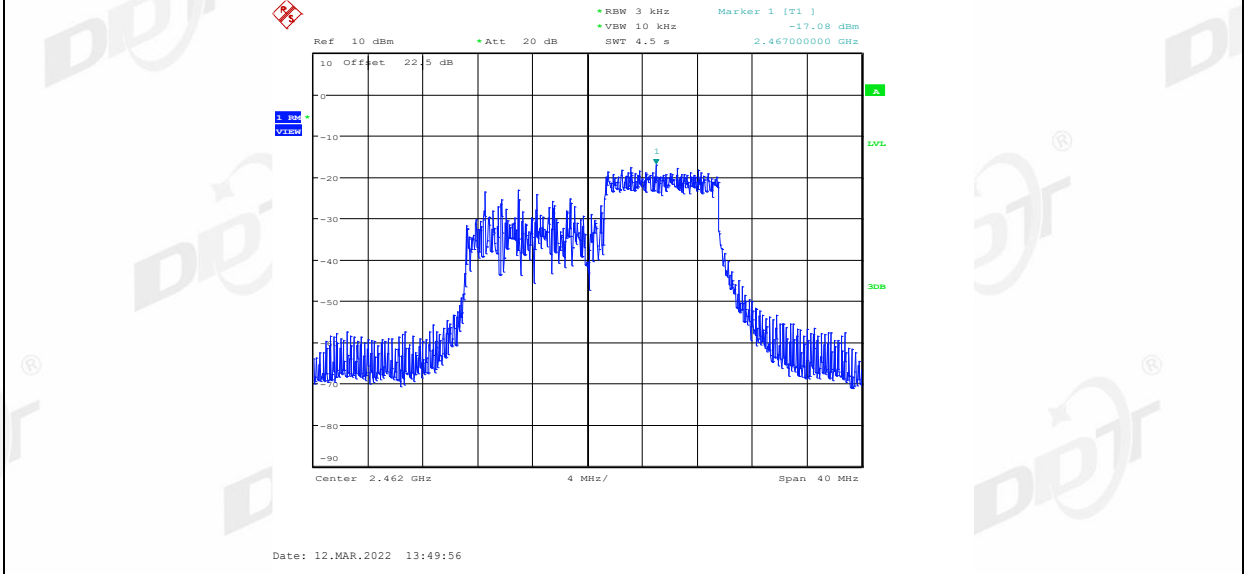
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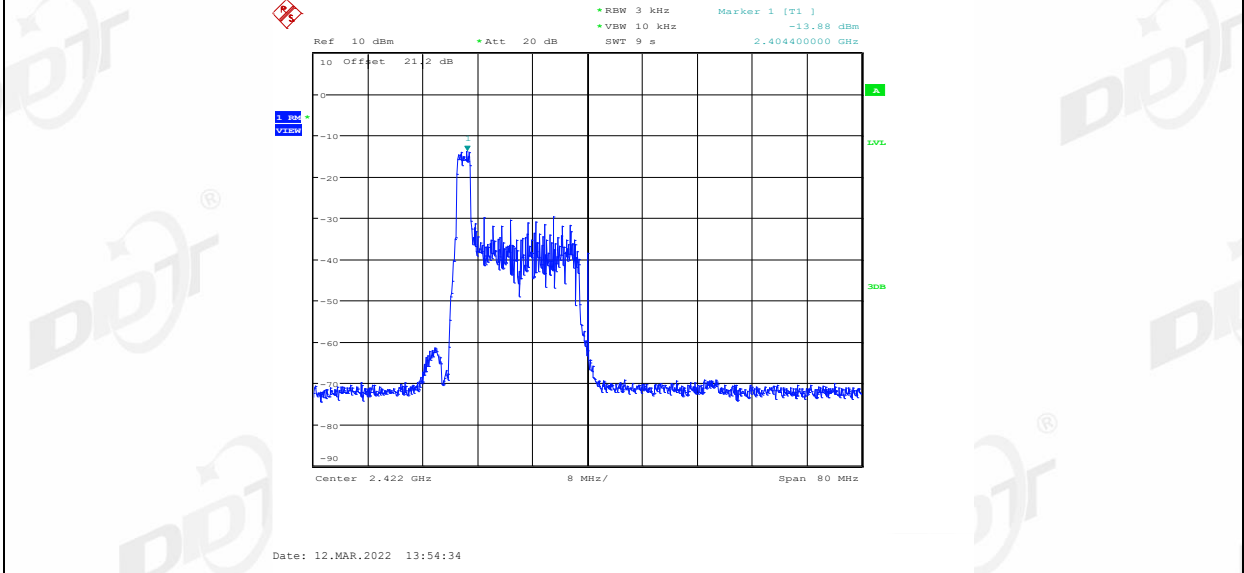
11AX20MIMO\_Ant2\_2462\_106Tone\_RU53



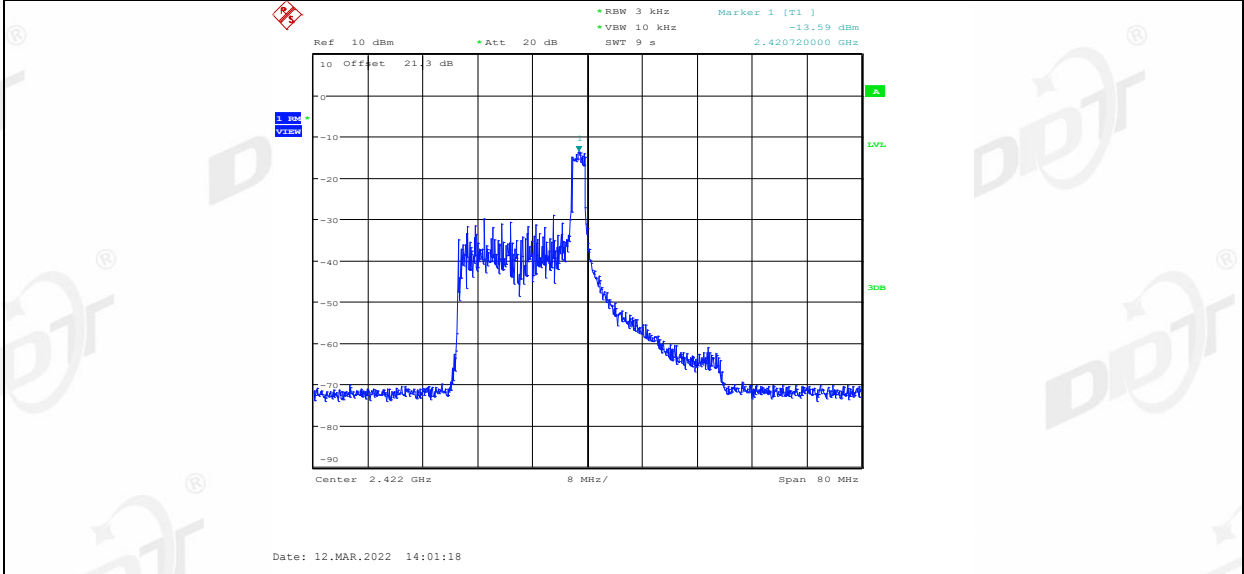
11AX20MIMO\_Ant2\_2462\_106Tone\_RU54



11AX40MIMO\_Ant1\_2422\_26Tone\_RU0

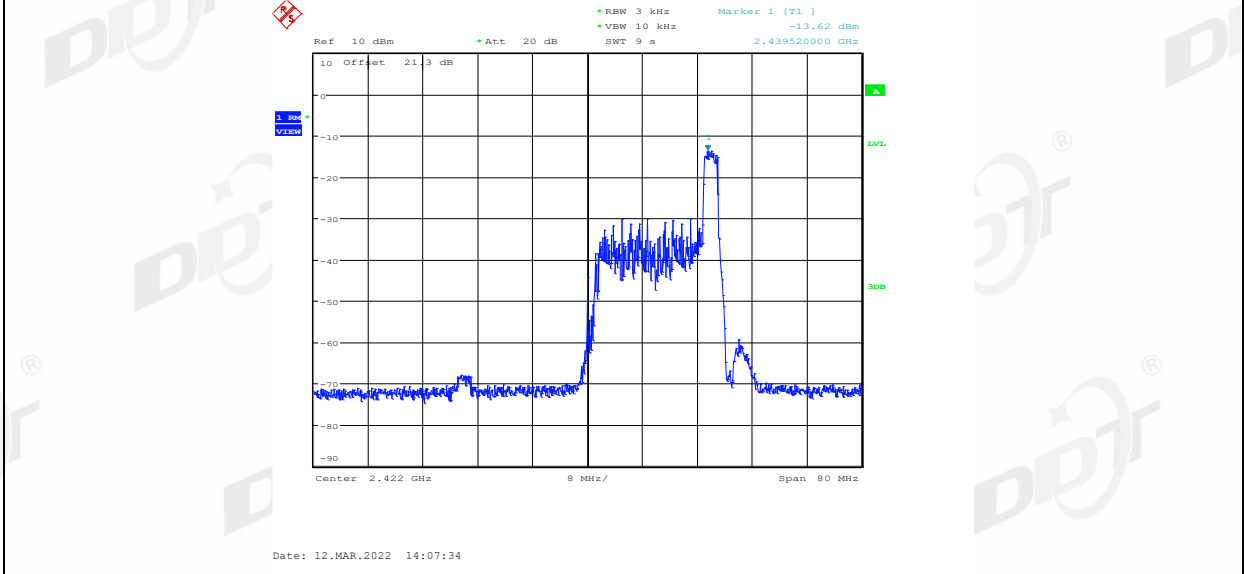


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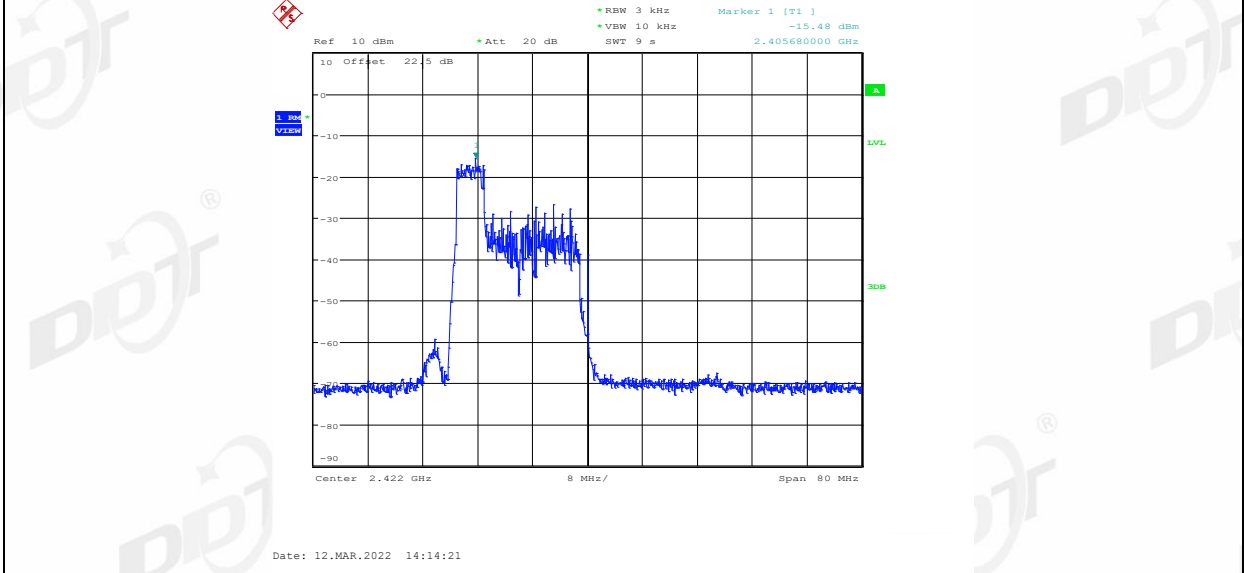




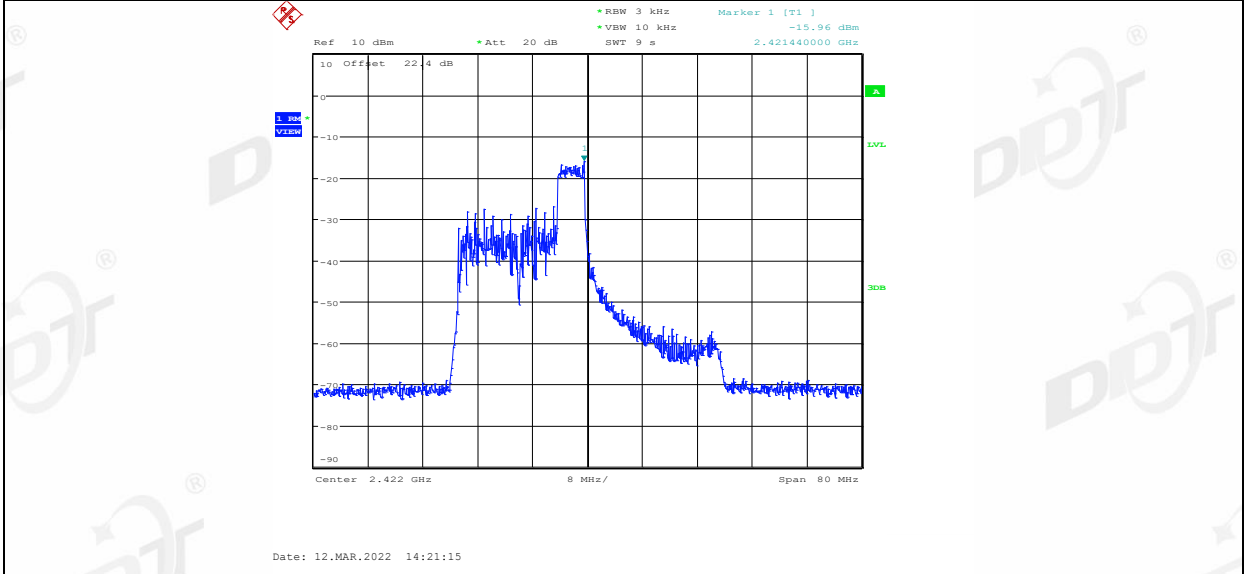
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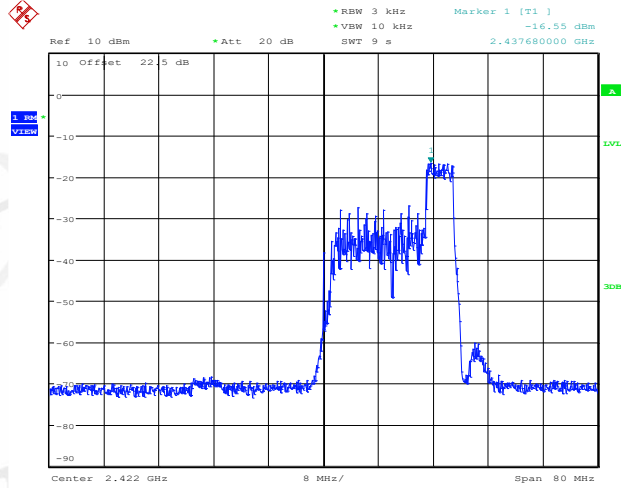
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11AX40MIMO\_Ant1\_2422\_52Tone\_RU40

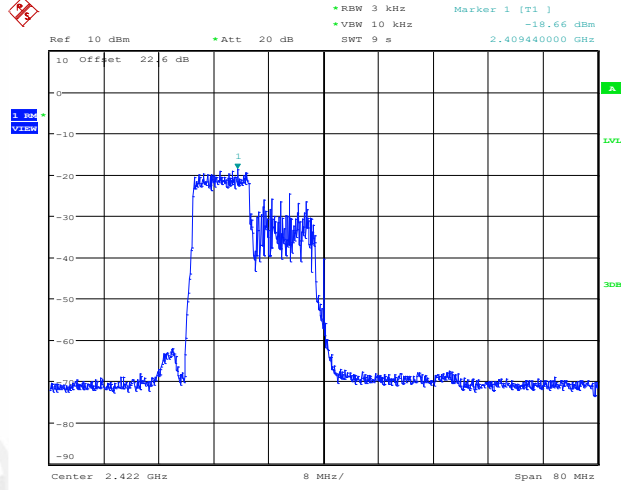


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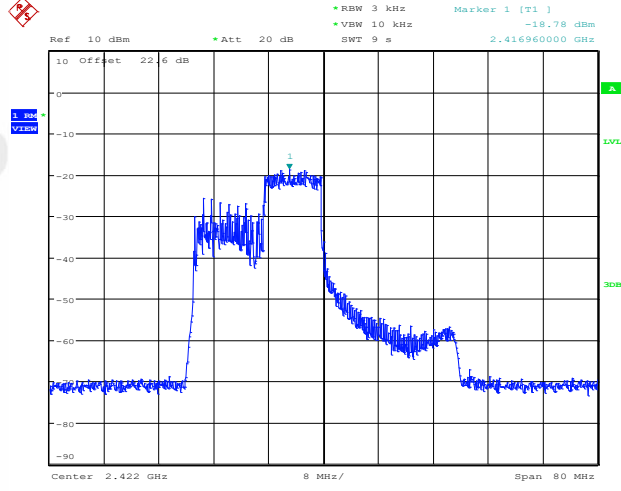
Date: 12.MAR.2022 14:27:42

11AX40MIMO\_Ant1\_2422\_106Tone\_RU53



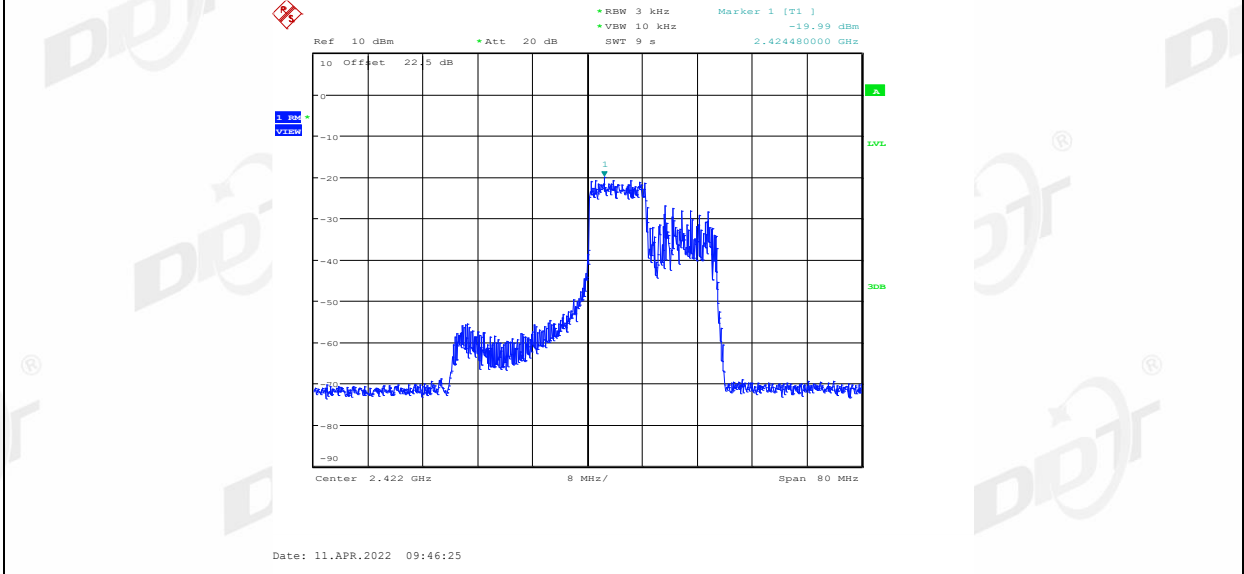
Date: 12.MAR.2022 14:34:31

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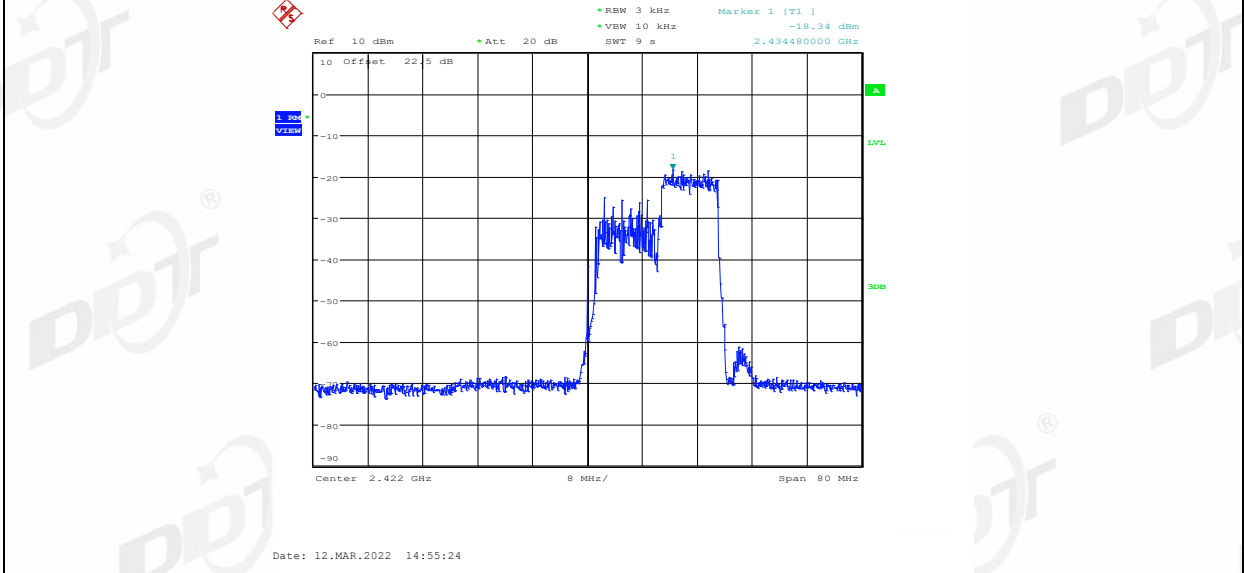


Date: 12.MAR.2022 14:42:02

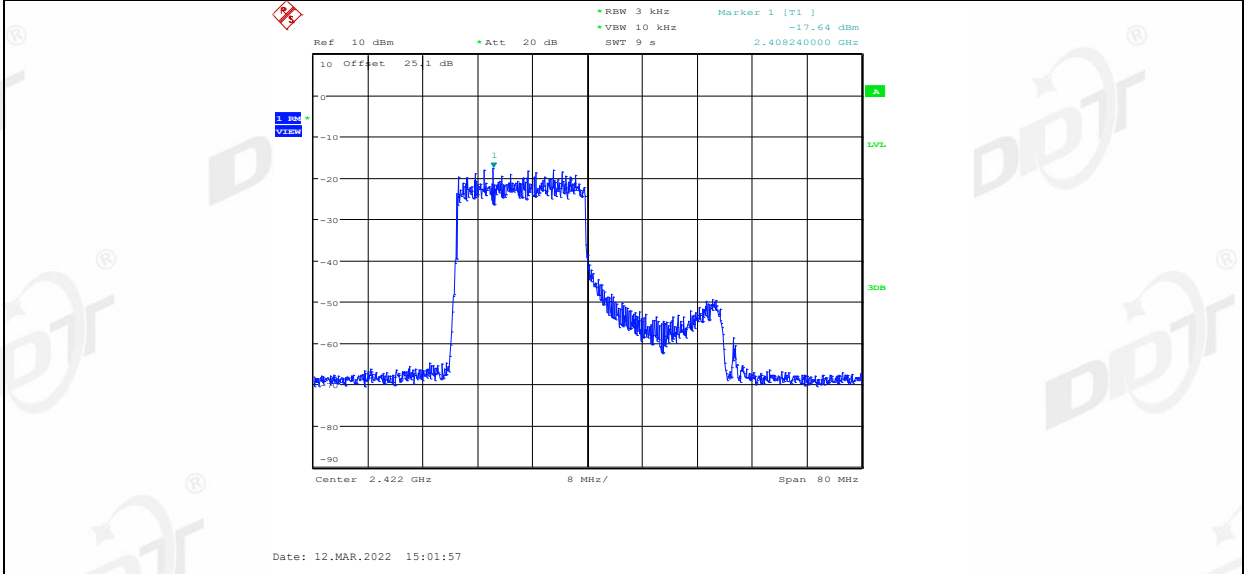
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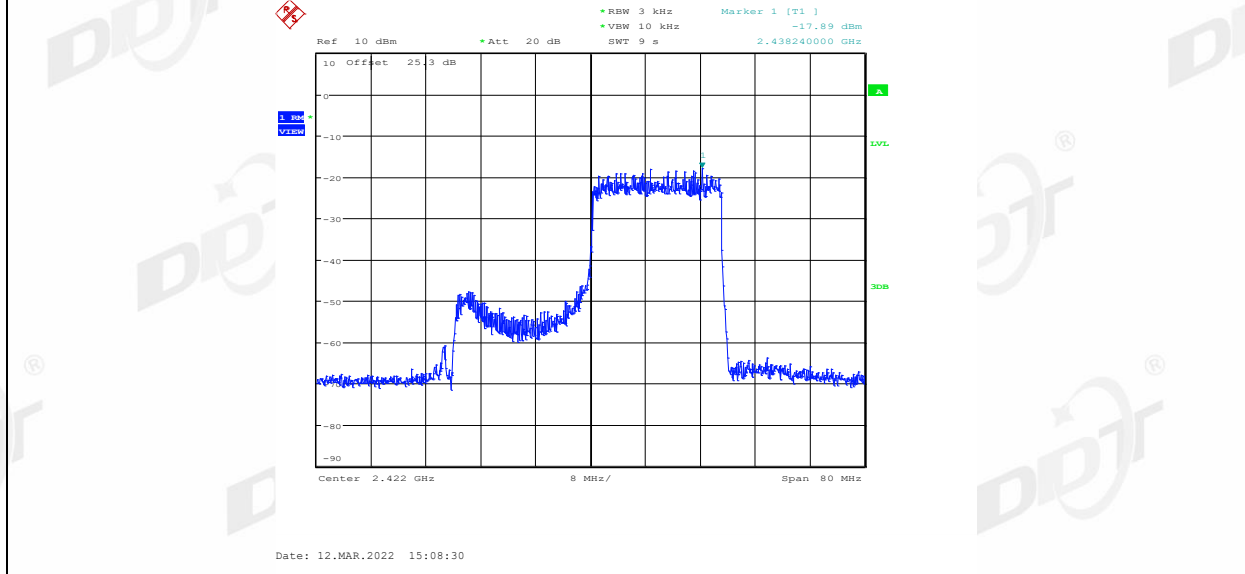
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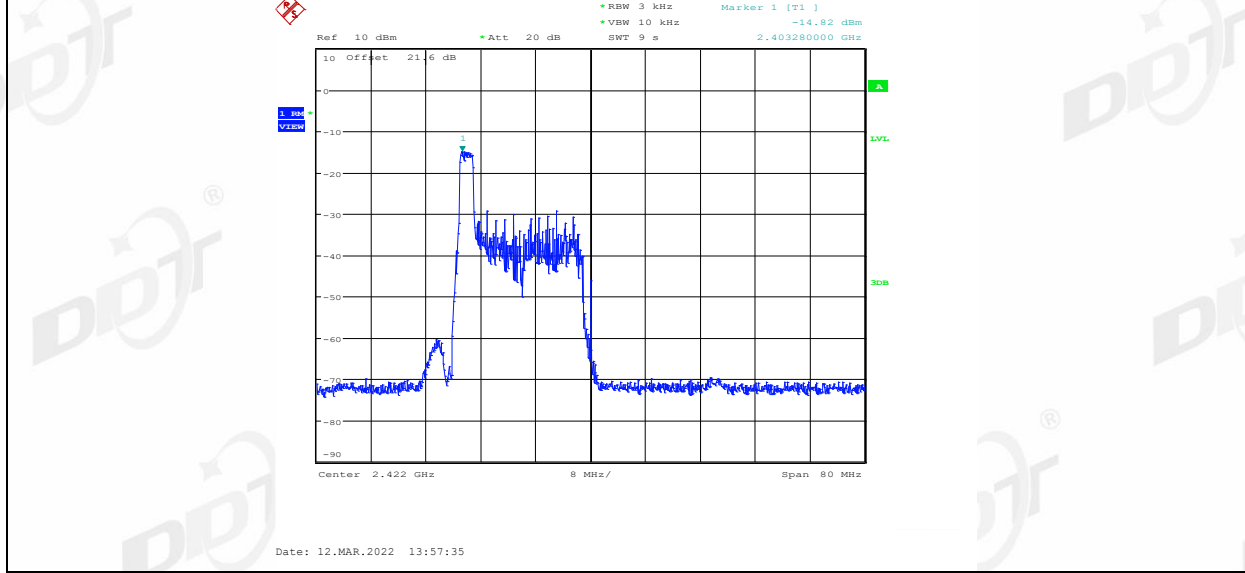
11AX40MIMO\_Ant1\_2422\_242Tone\_RU61



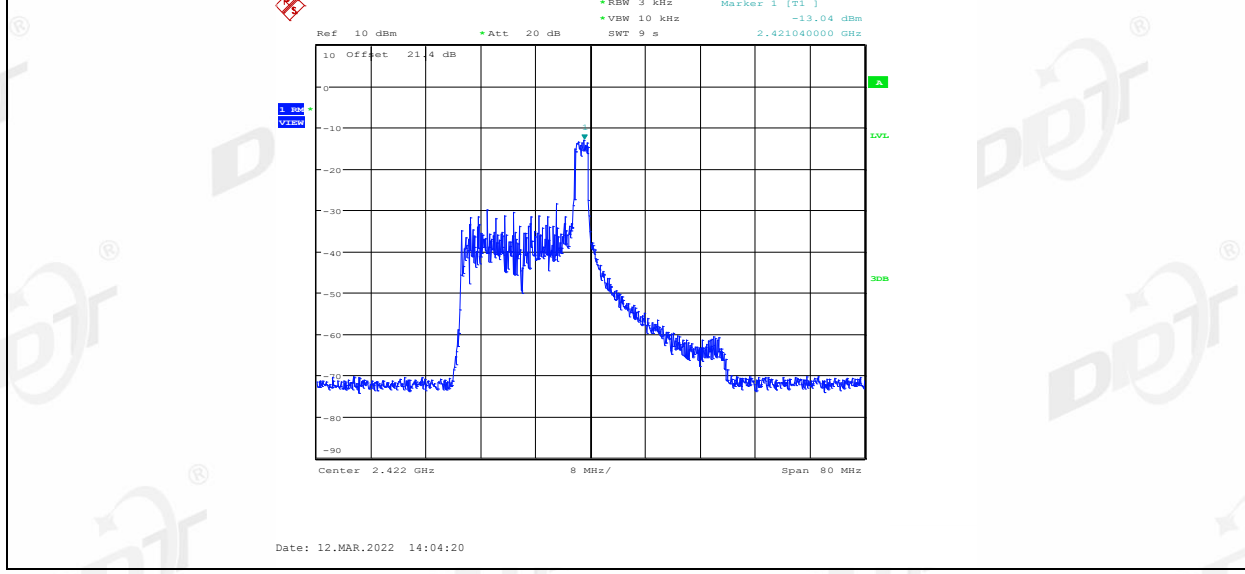
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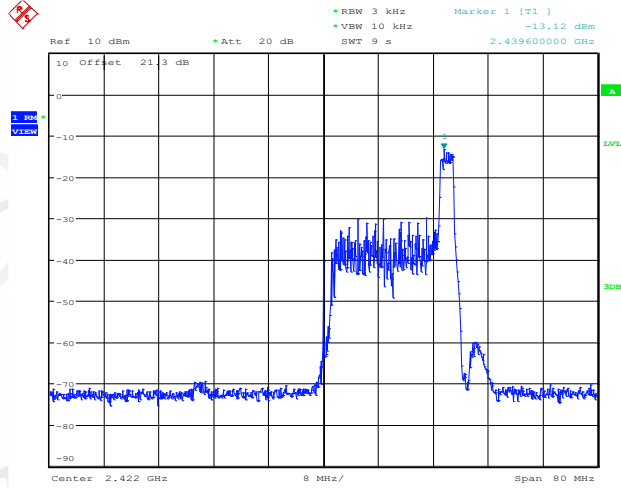
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### 11AX40MIMO\_Ant2\_2422\_26Tone\_RU8

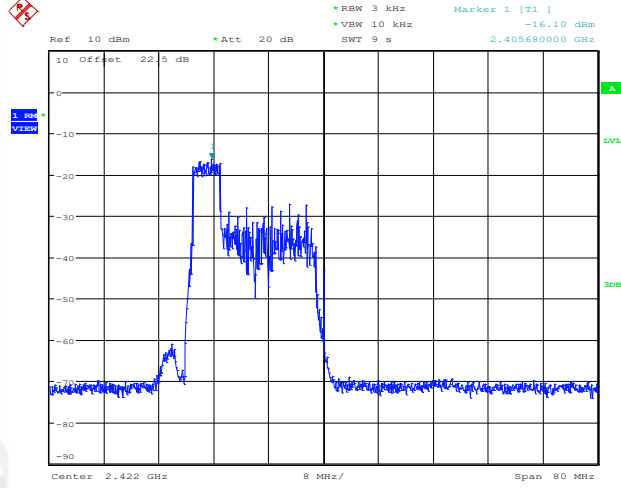


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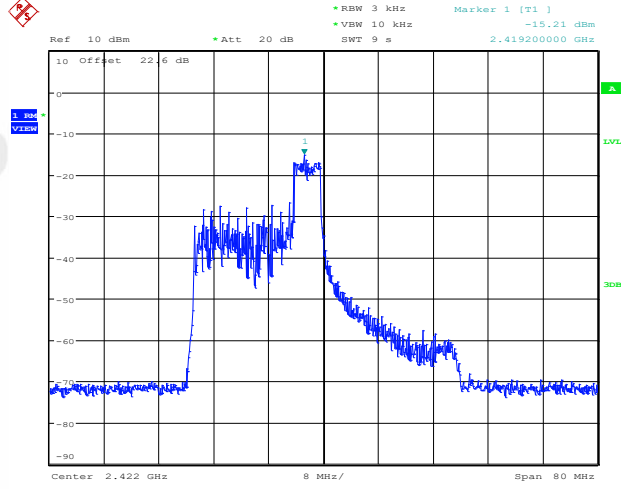
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11AX40MIMO\_Ant2\_2422\_52Tone\_RU37



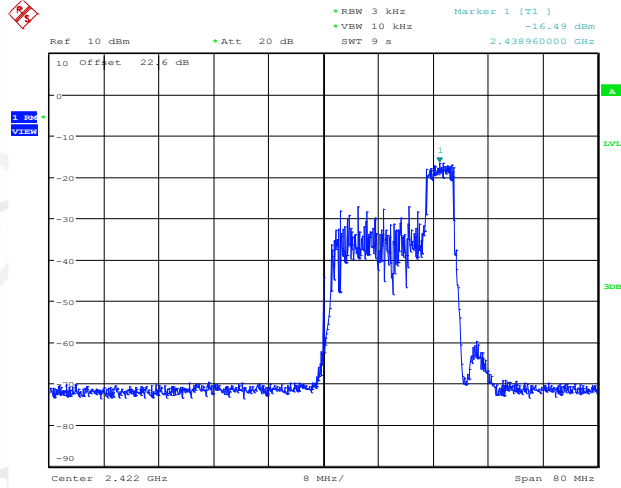
Date: 12.MAR.2022 14:17:22

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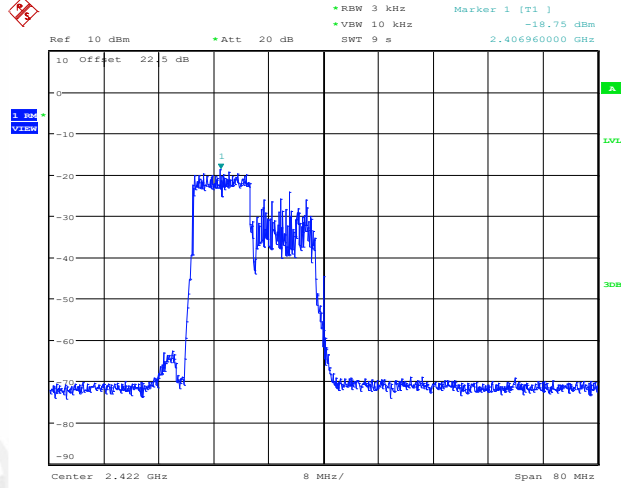


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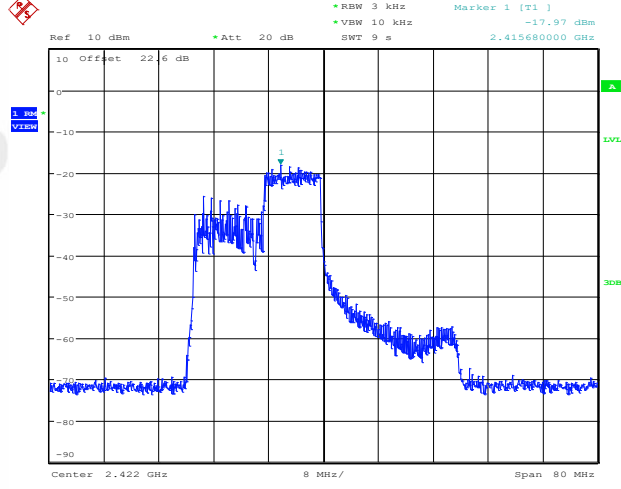
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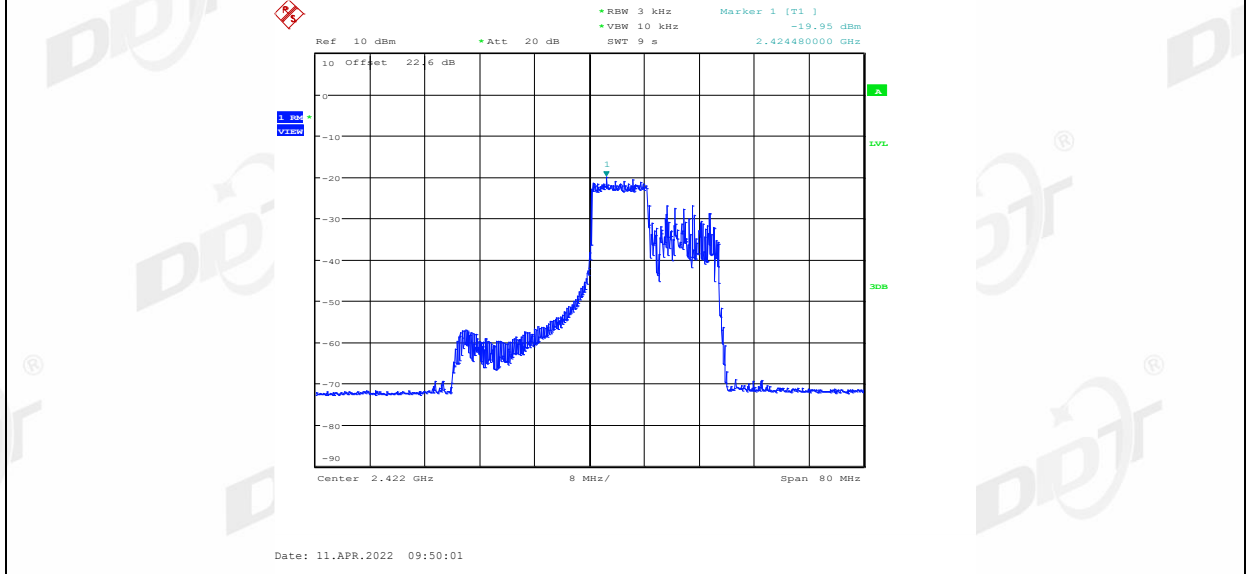
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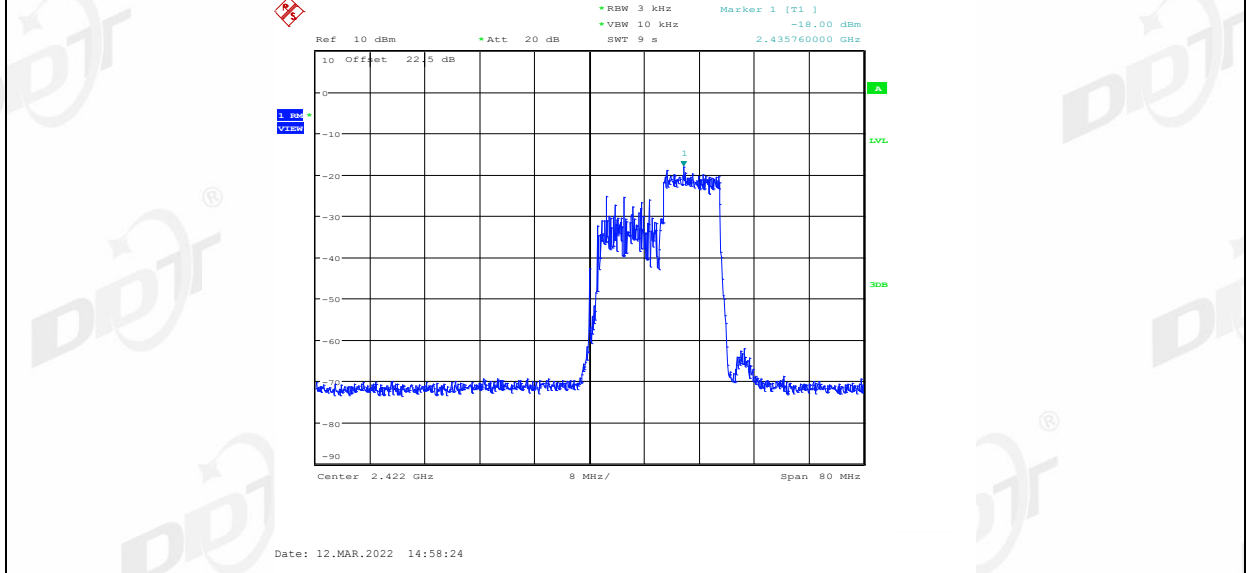
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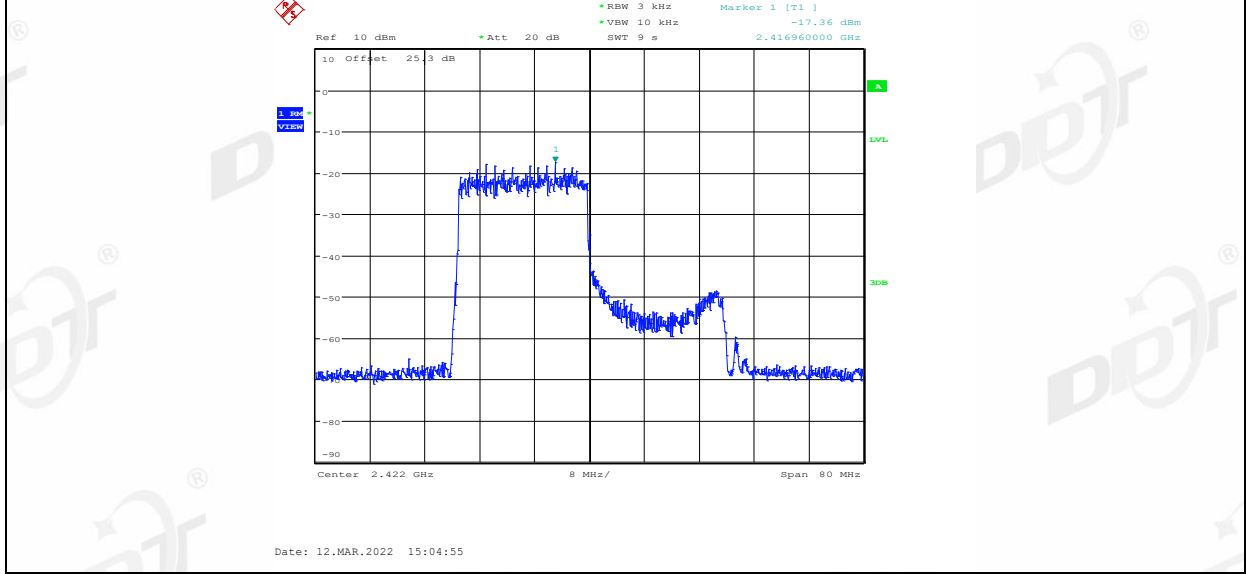
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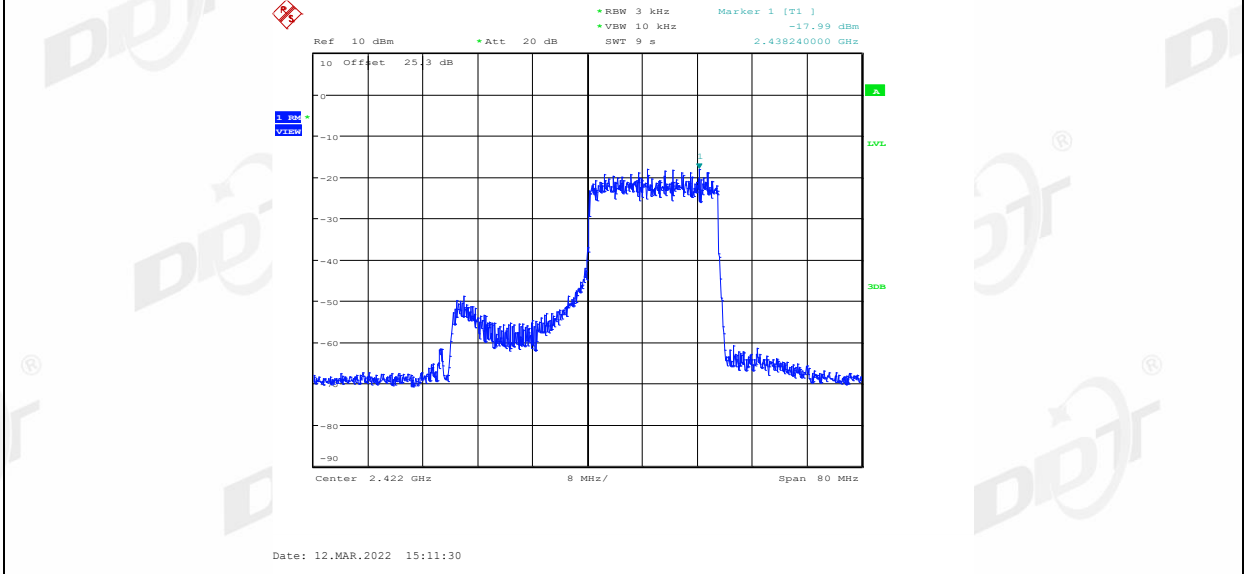
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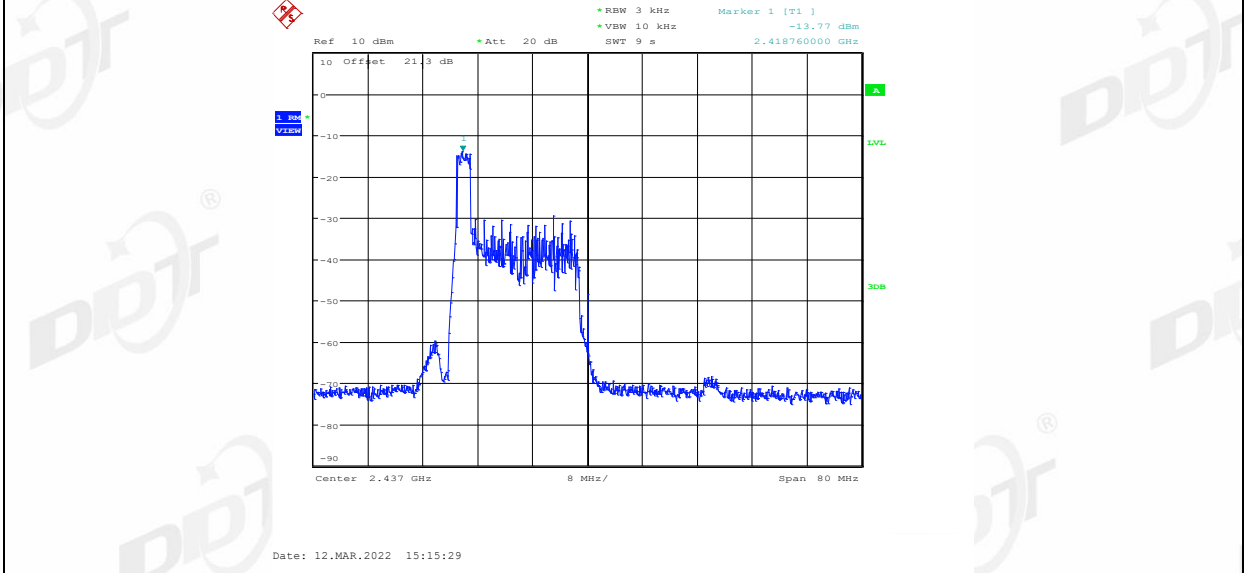
11AX40MIMO\_Ant2\_2422\_242Tone\_RU61



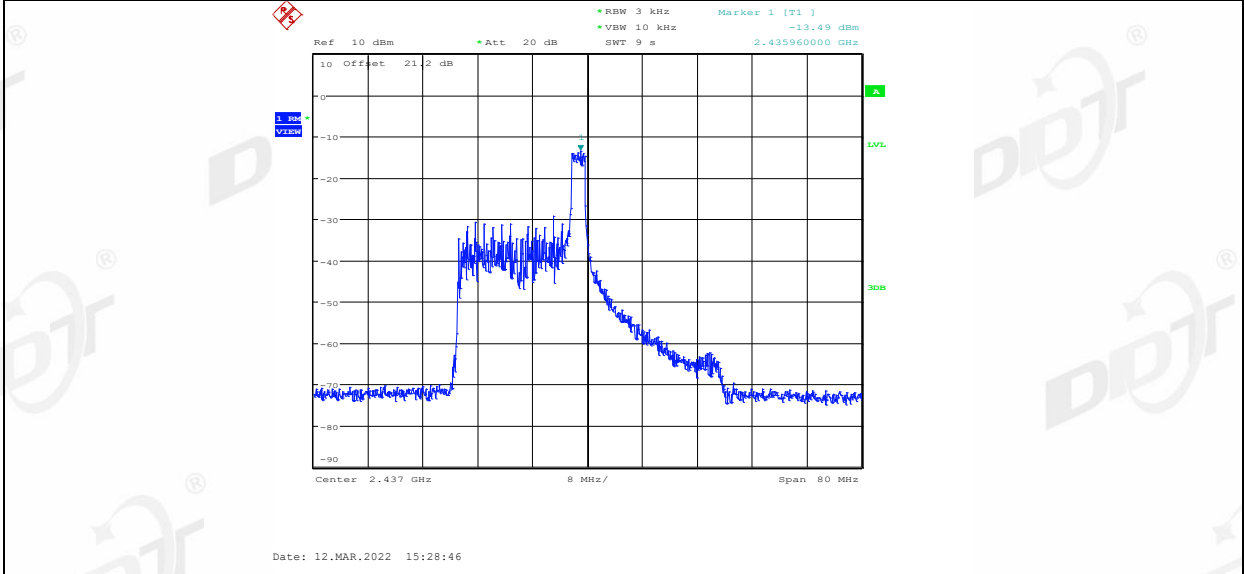
11AX40MIMO\_Ant2\_2422\_242Tone\_RU62



11AX40MIMO\_Ant1\_2437\_26Tone\_RU0

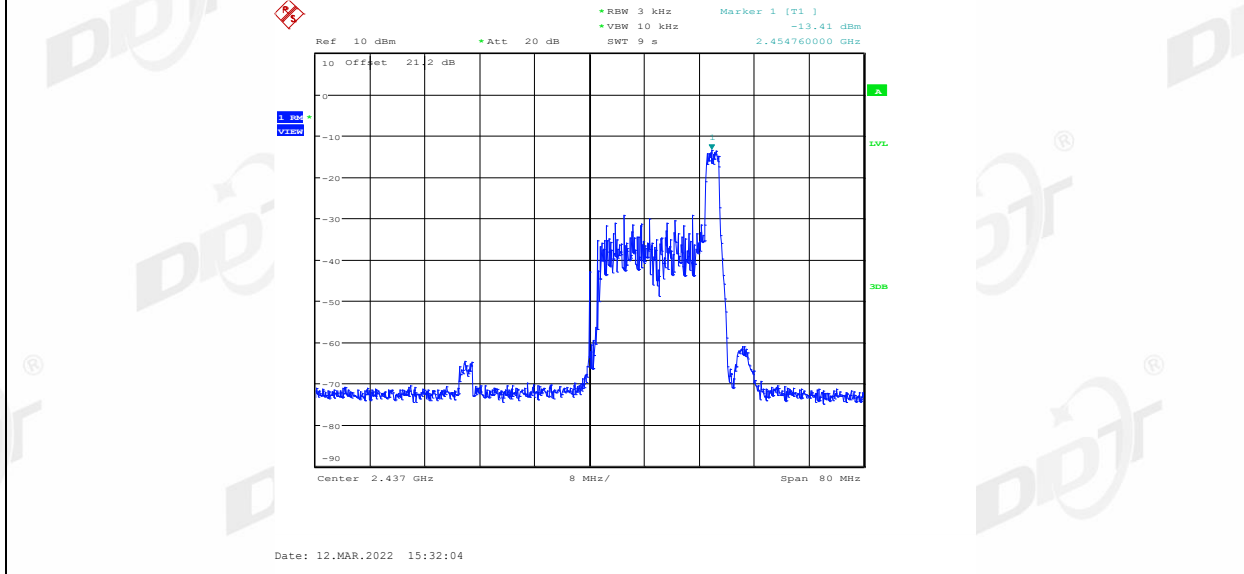


11AX40MIMO\_Ant1\_2437\_26Tone\_RU8

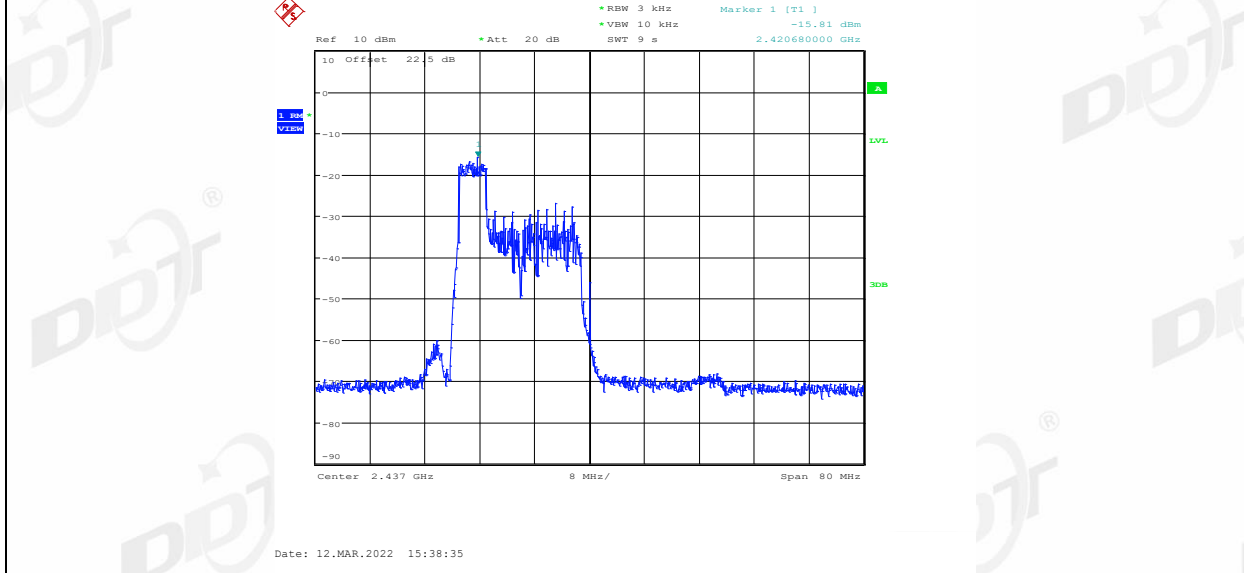




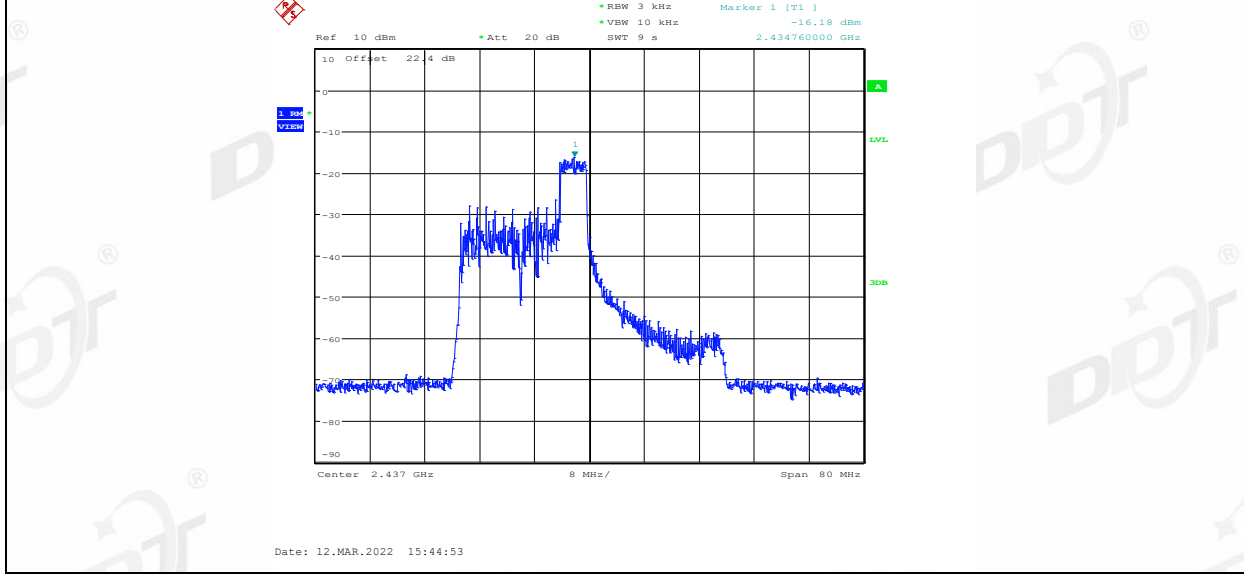
11AX40MIMO\_Ant1\_2437\_26Tone\_RU17



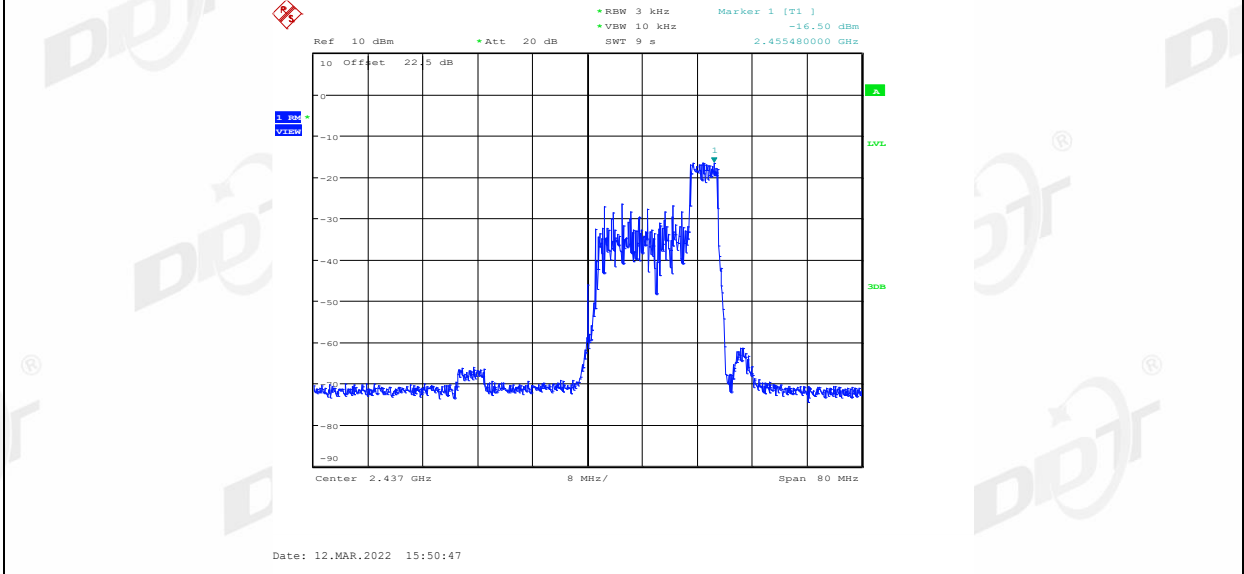
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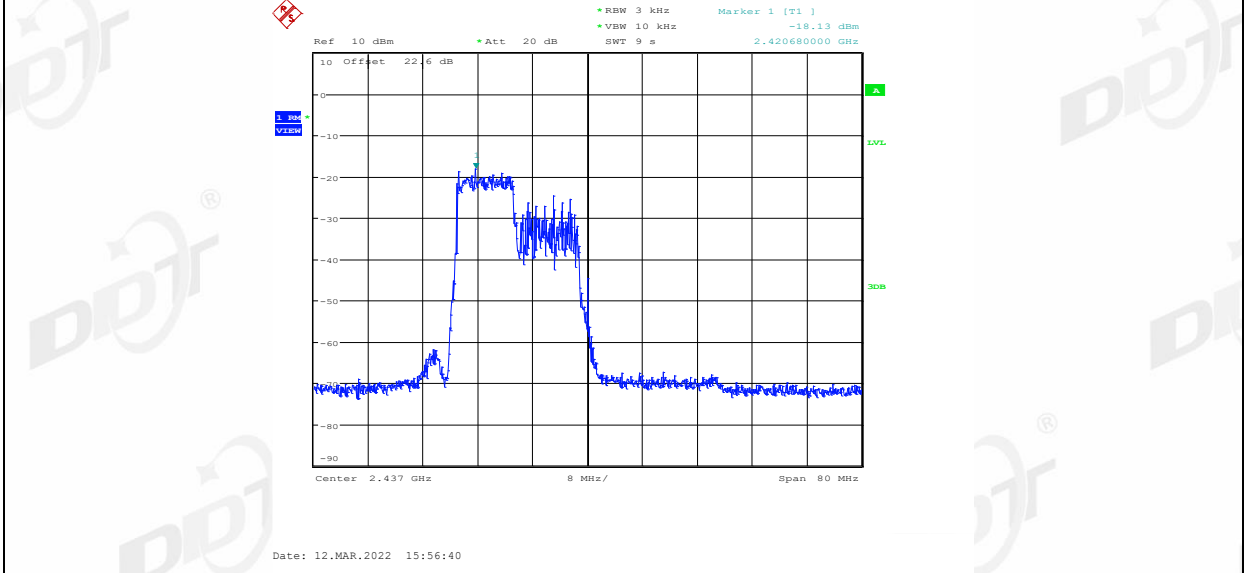
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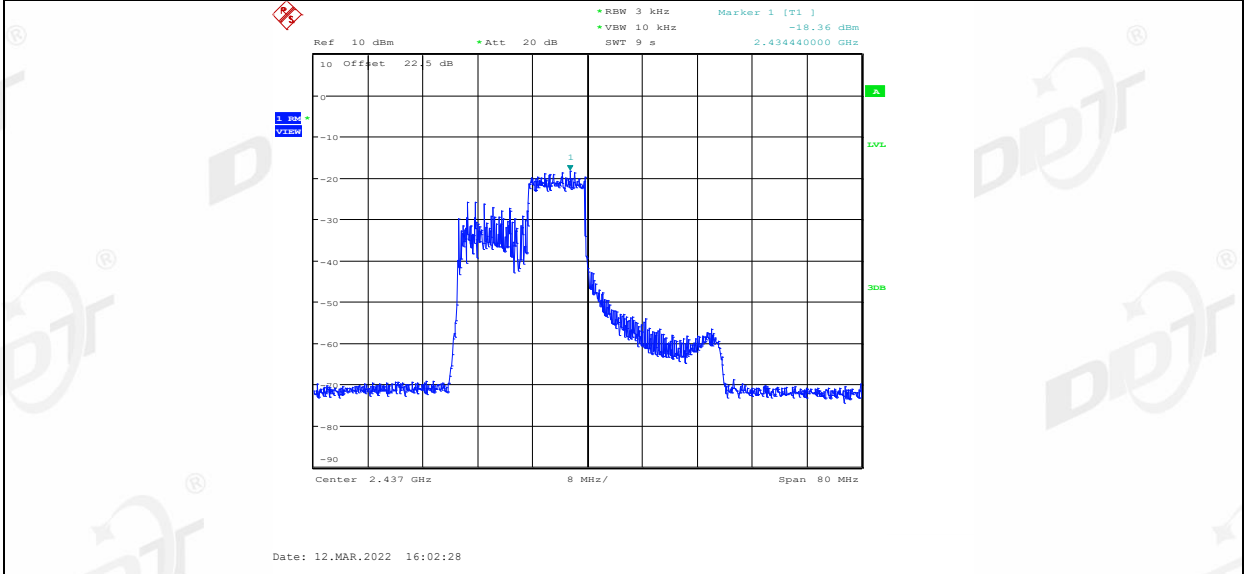
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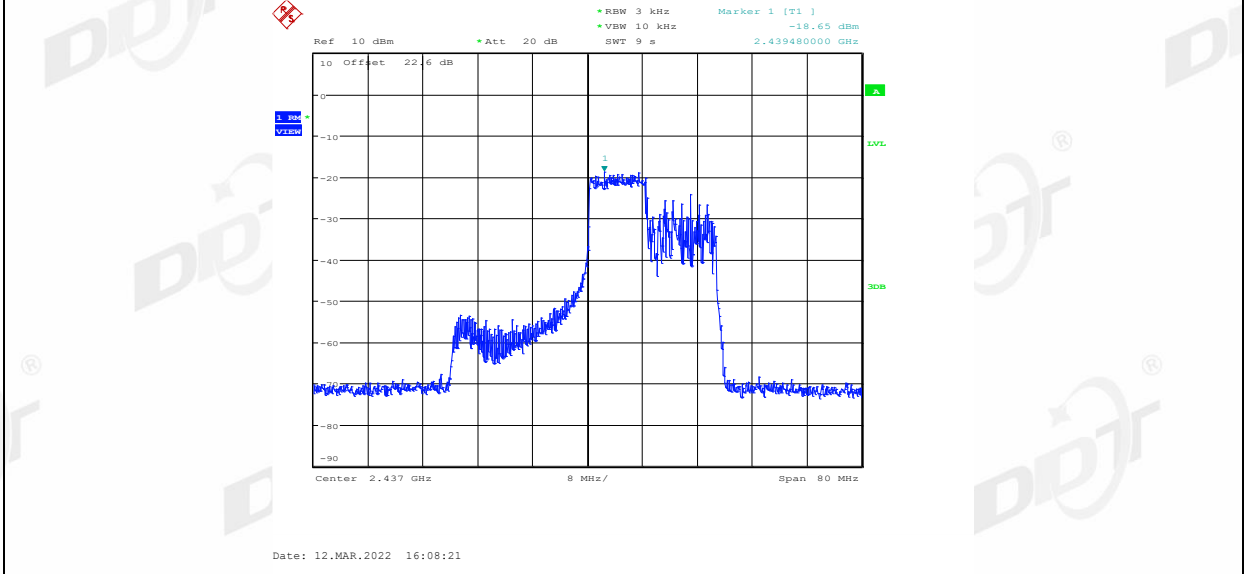
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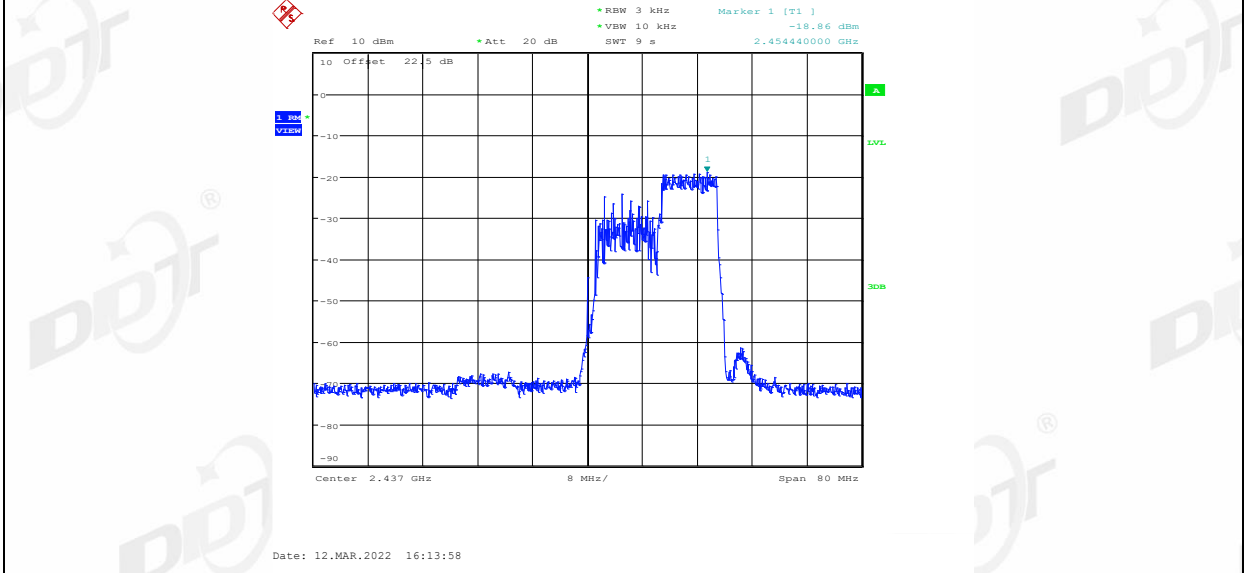
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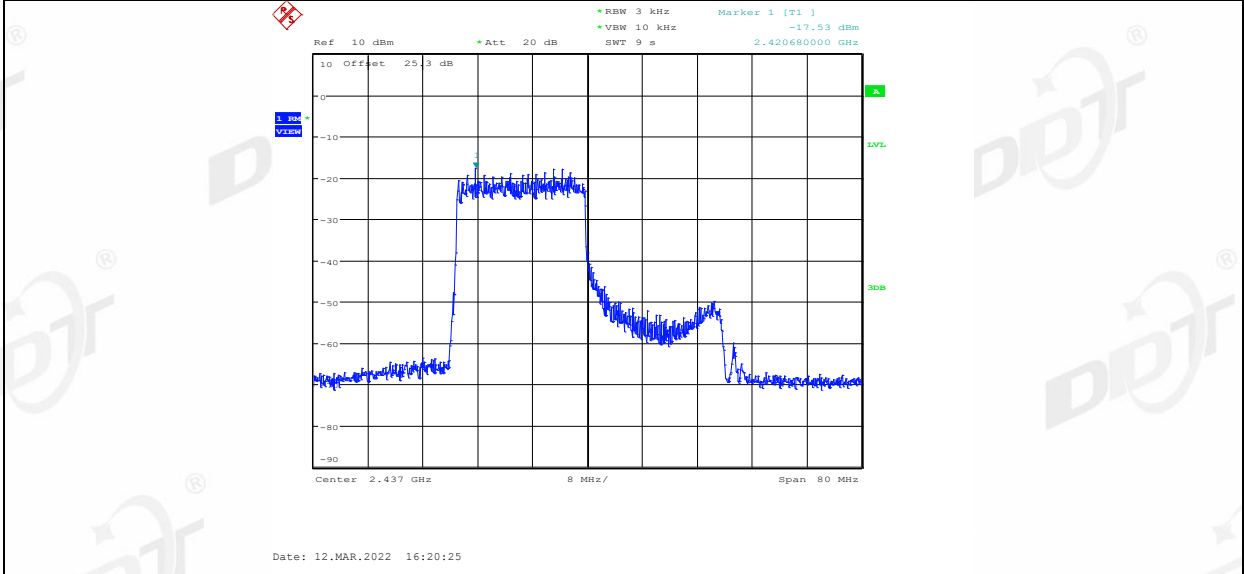
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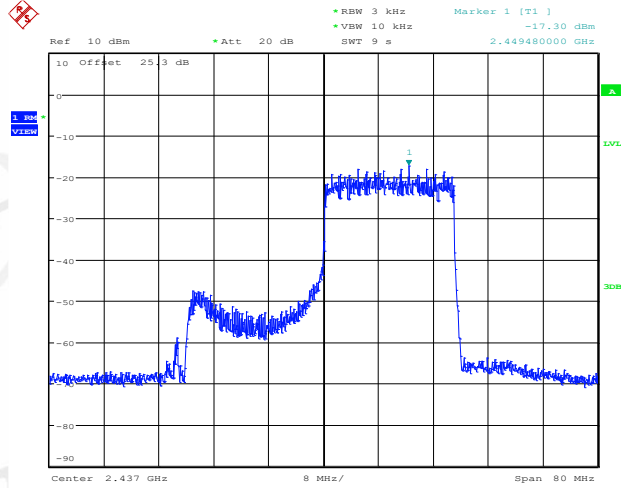
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11AX40MIMO\_Ant1\_2437\_242Tone\_RU61

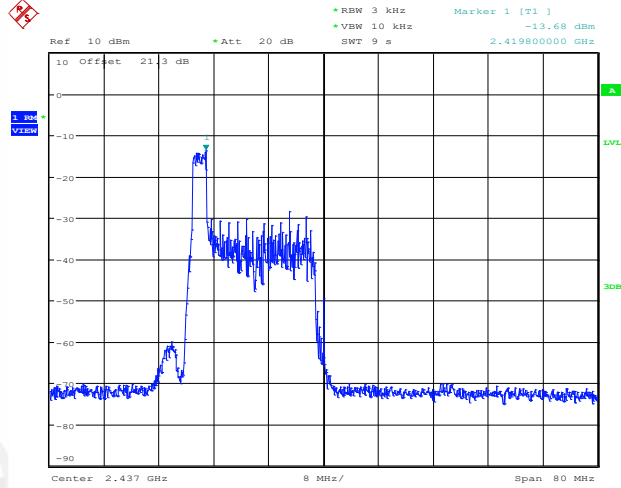


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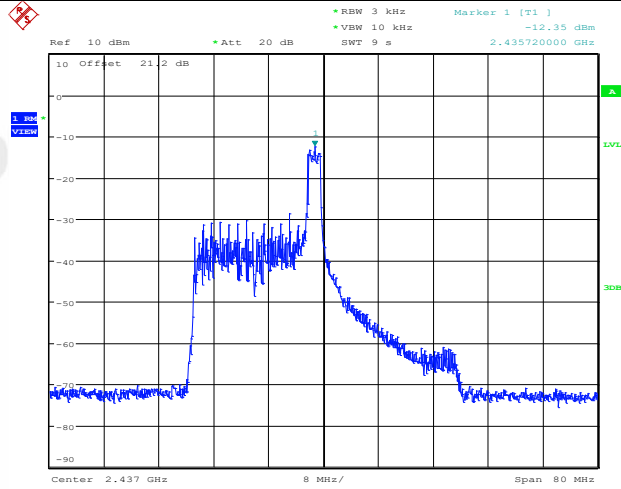
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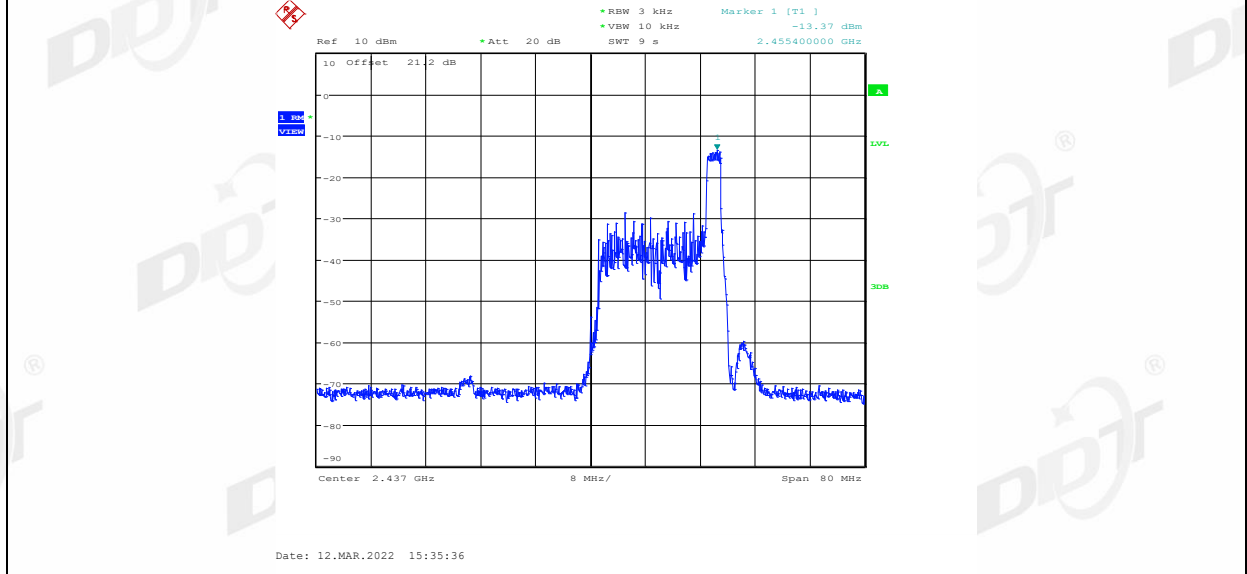
Date: 12.MAR.2022 15:18:11

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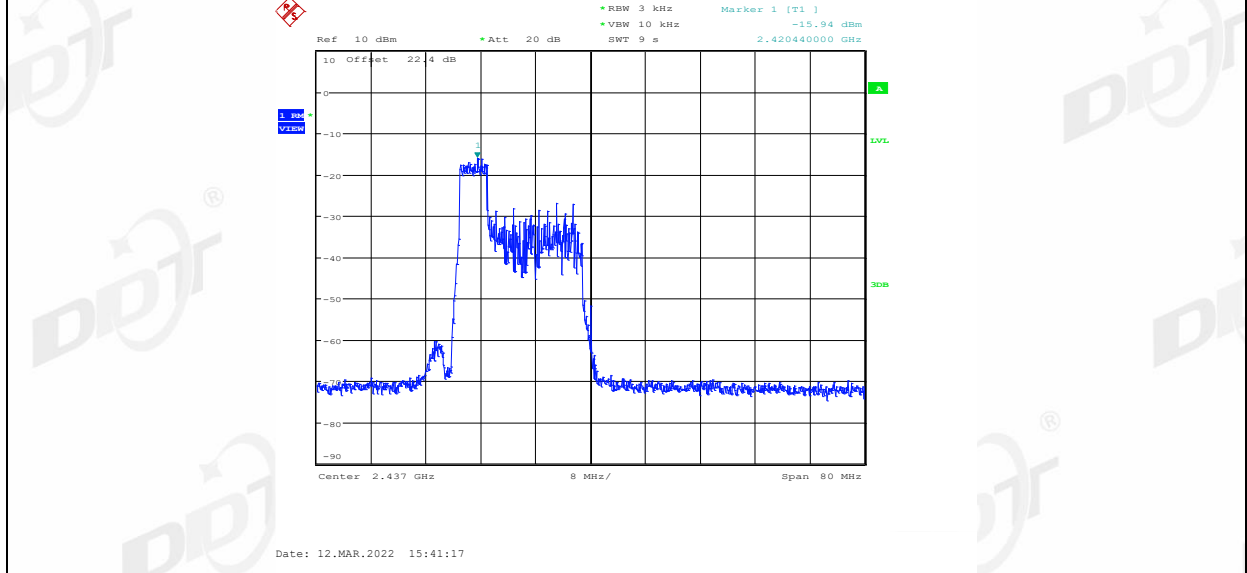


Date: 12.MAR.2022 15:30:00

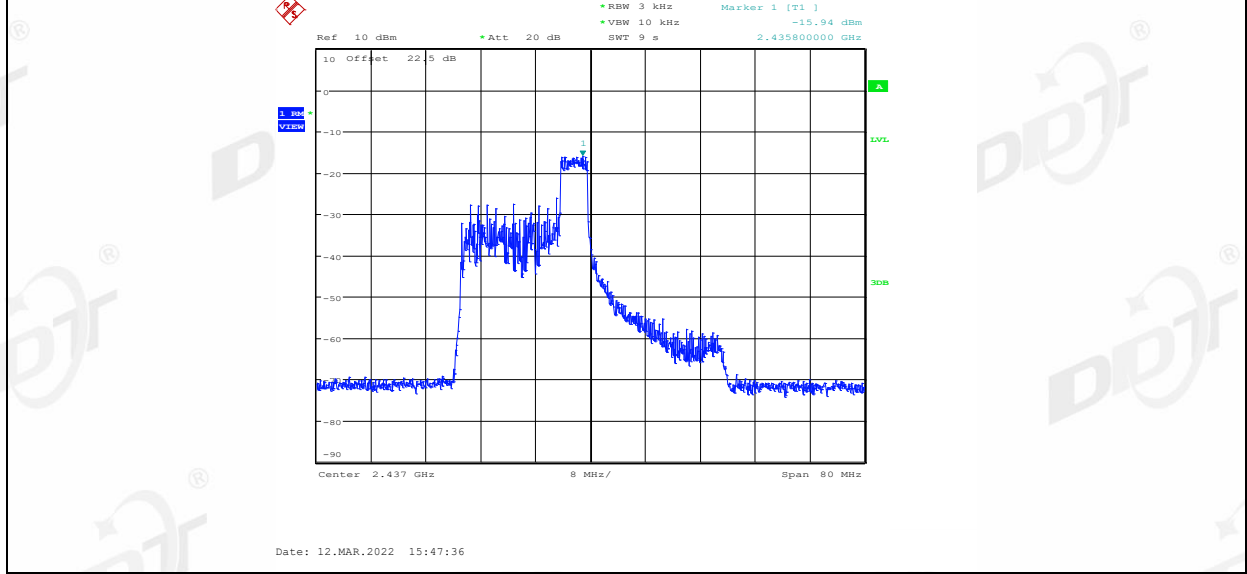
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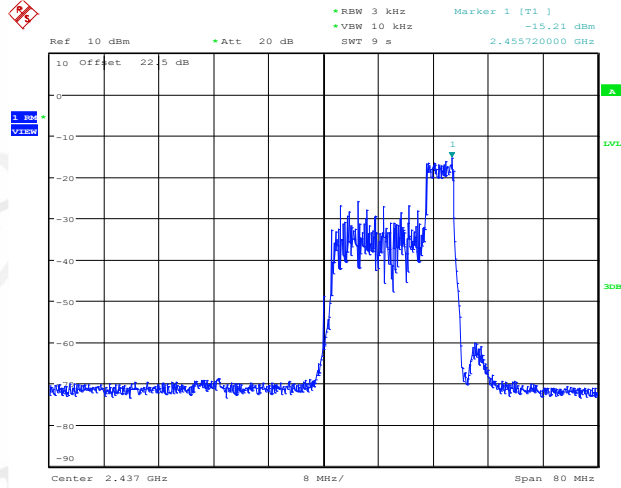
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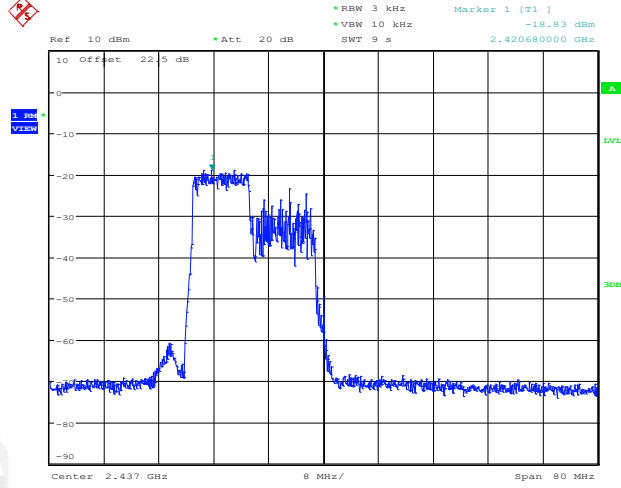


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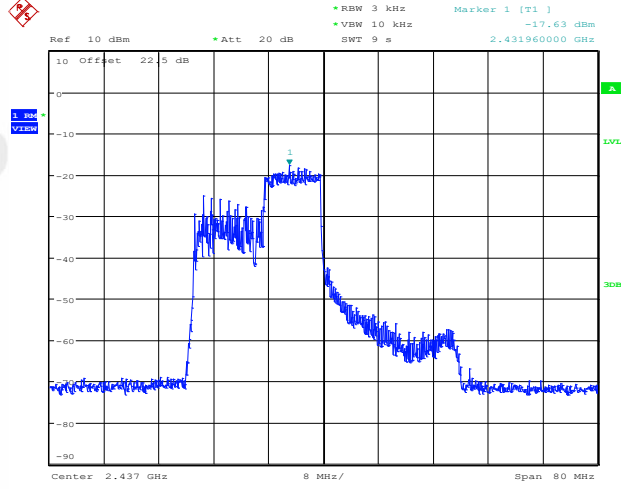
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11AX40MIMO\_Ant2\_2437\_106Tone\_RU53



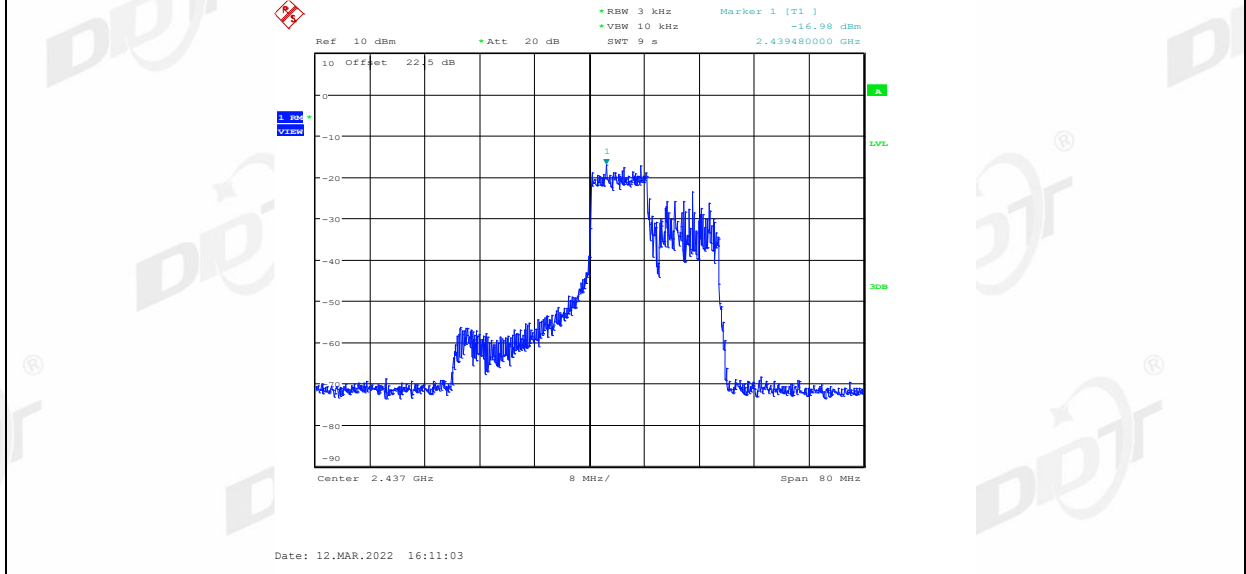
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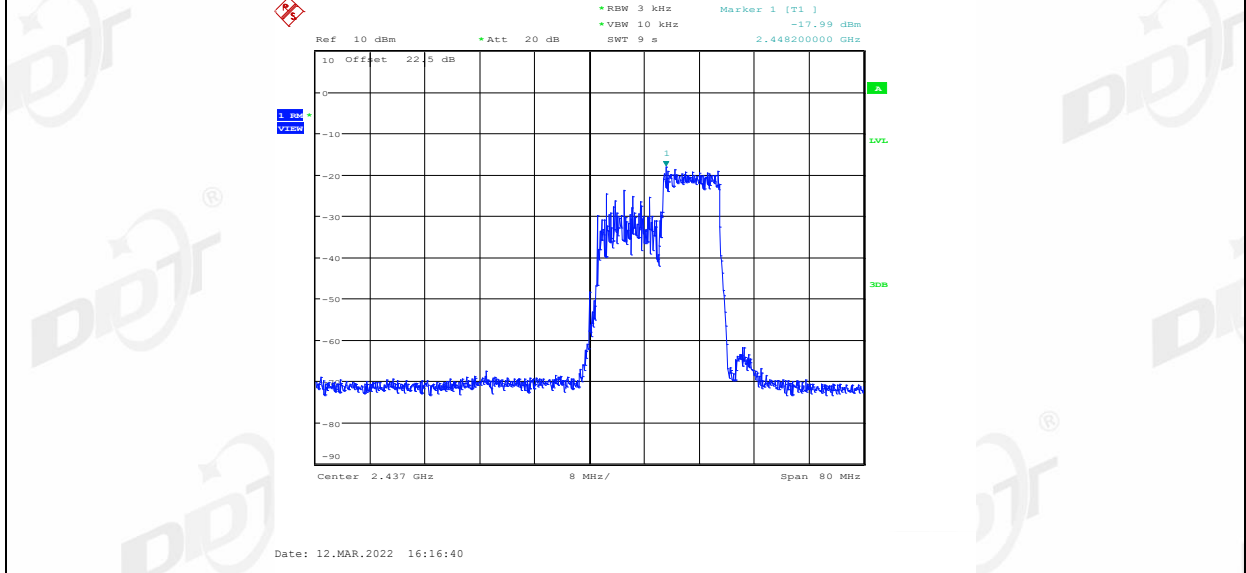


Date: 12.MAR.2022 16:05:11

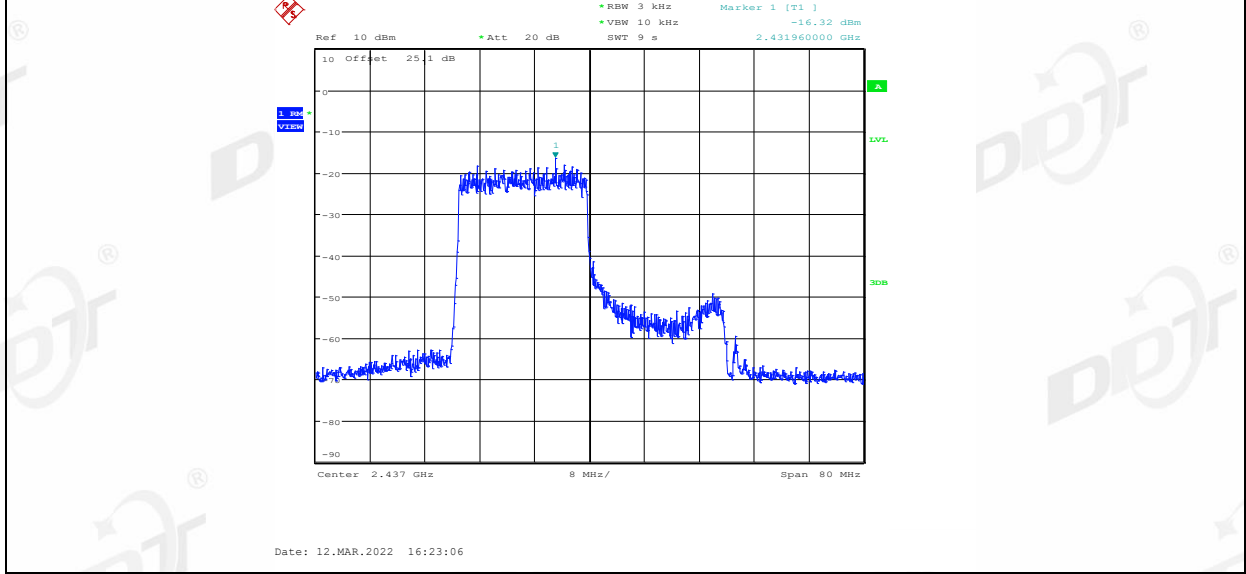
11AX40MIMO\_Ant2\_2437\_106Tone\_RU55



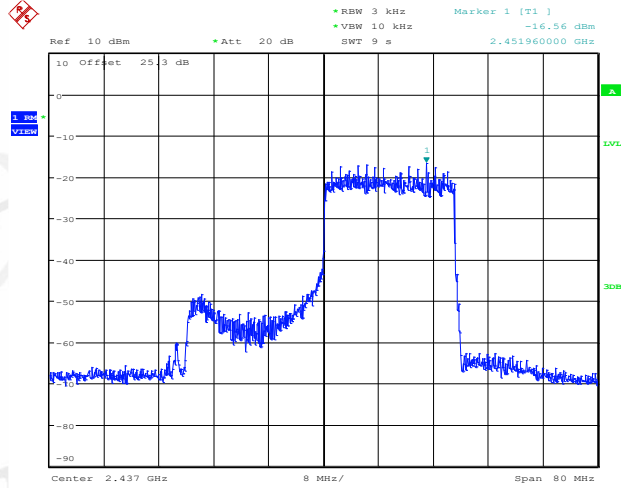
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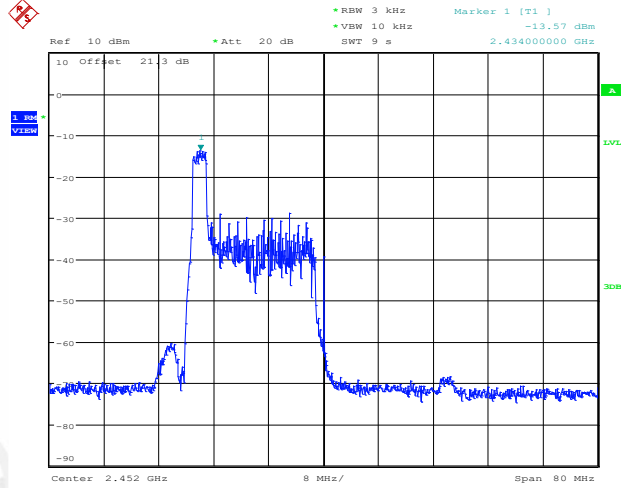
11AX40MIMO\_Ant2\_2437\_242Tone\_RU61



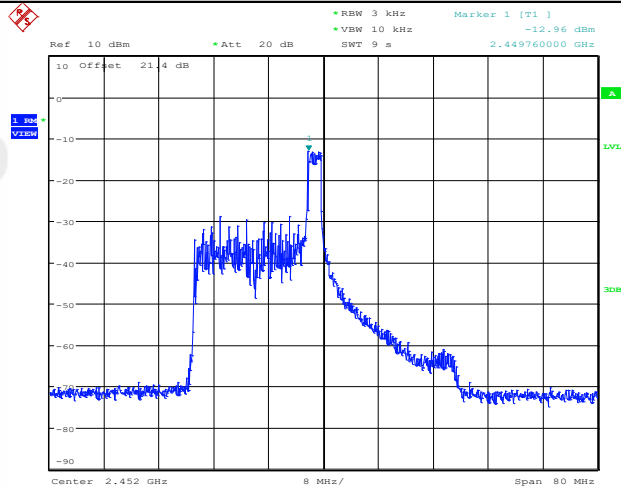
11AX40MIMO\_Ant2\_2437\_242Tone\_RU62



11AX40MIMO\_Ant1\_2452\_26Tone\_RU0

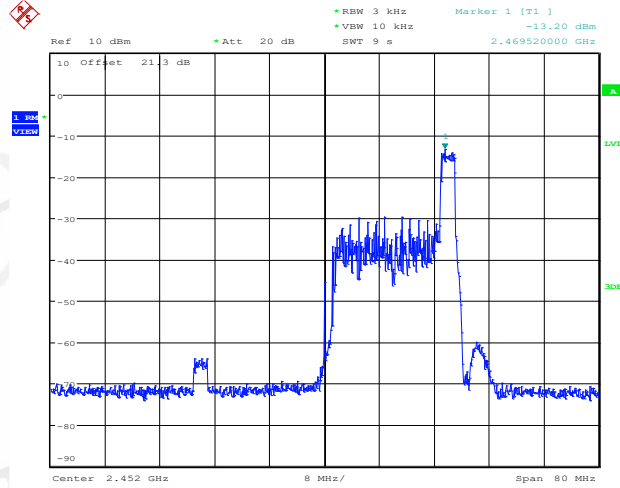


11AX40MIMO\_Ant1\_2452\_26Tone\_RU8



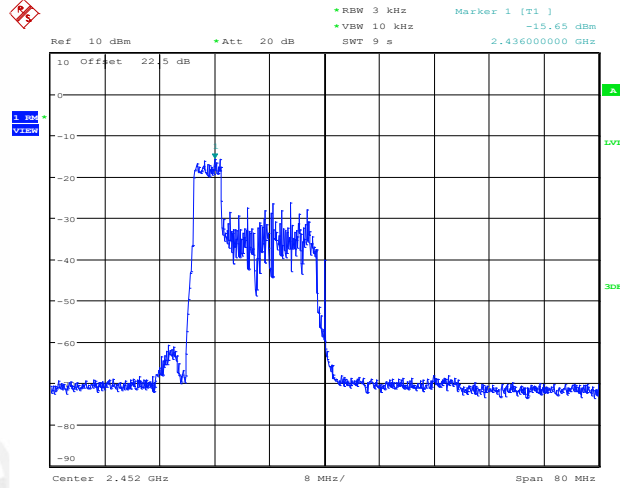


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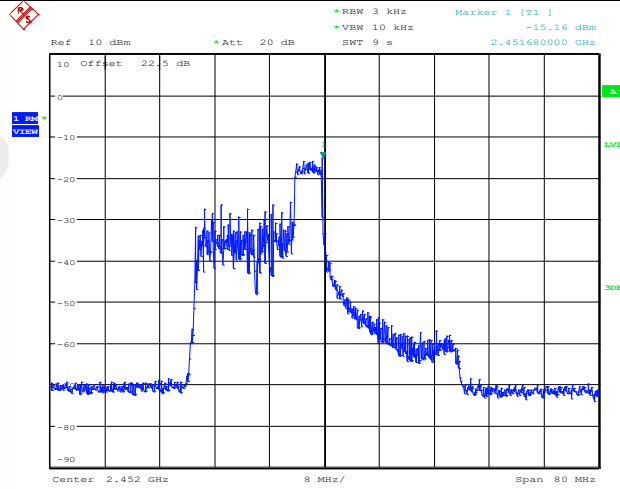
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11AX40MIMO\_Ant1\_2452\_52Tone\_RU37



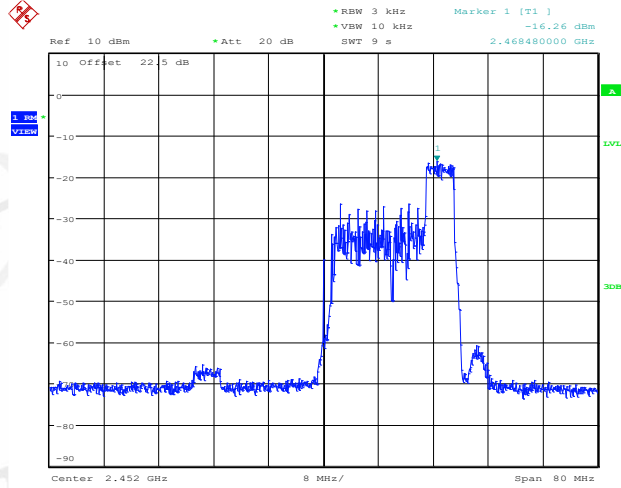
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11AX40MIMO\_Ant1\_2452\_52Tone\_RU40



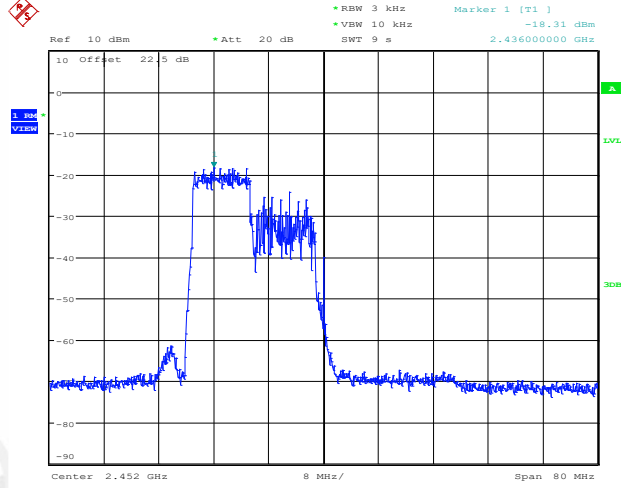
Date: 12.MAR.2022 17:23:42

11AX40MIMO\_Ant1\_2452\_52Tone\_RU44



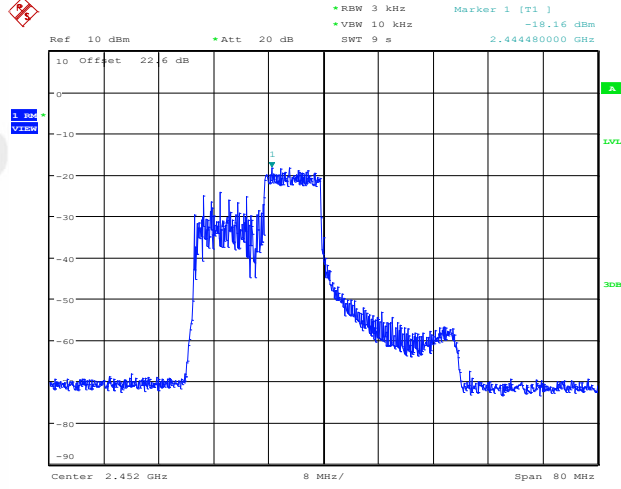
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11AX40MIMO\_Ant1\_2452\_106Tone\_RU53



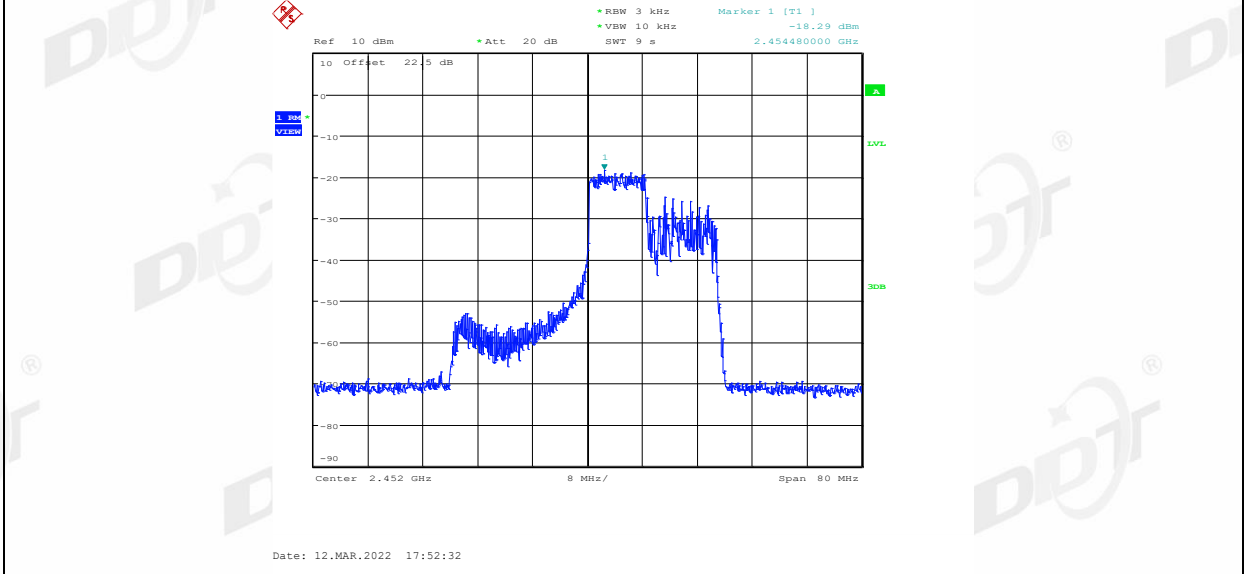
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11AX40MIMO\_Ant1\_2452\_106Tone\_RU54

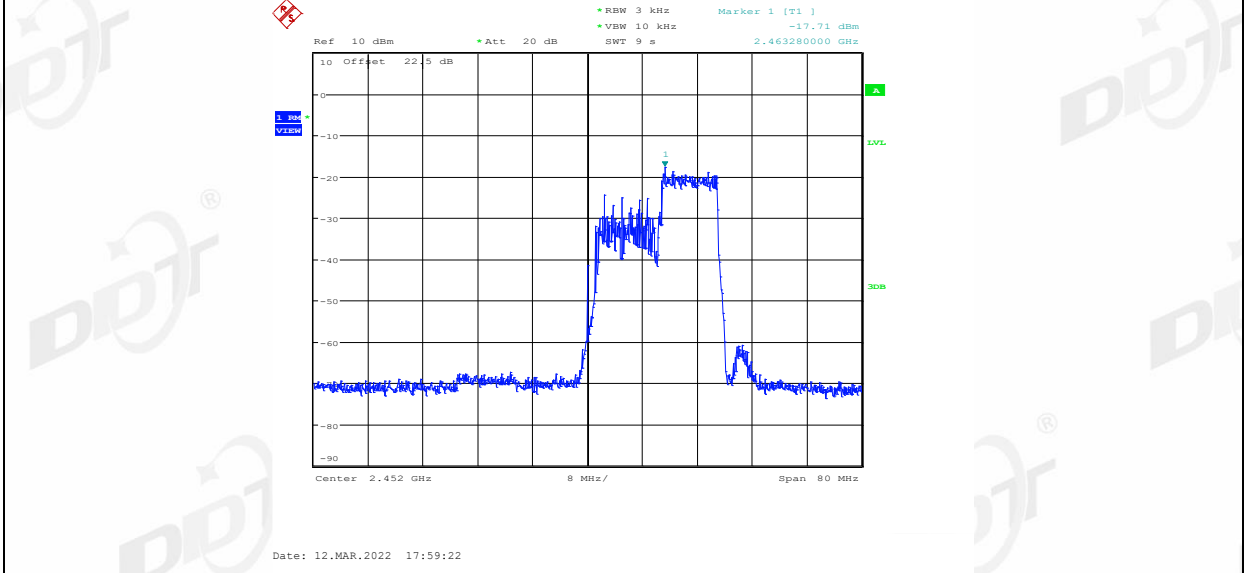


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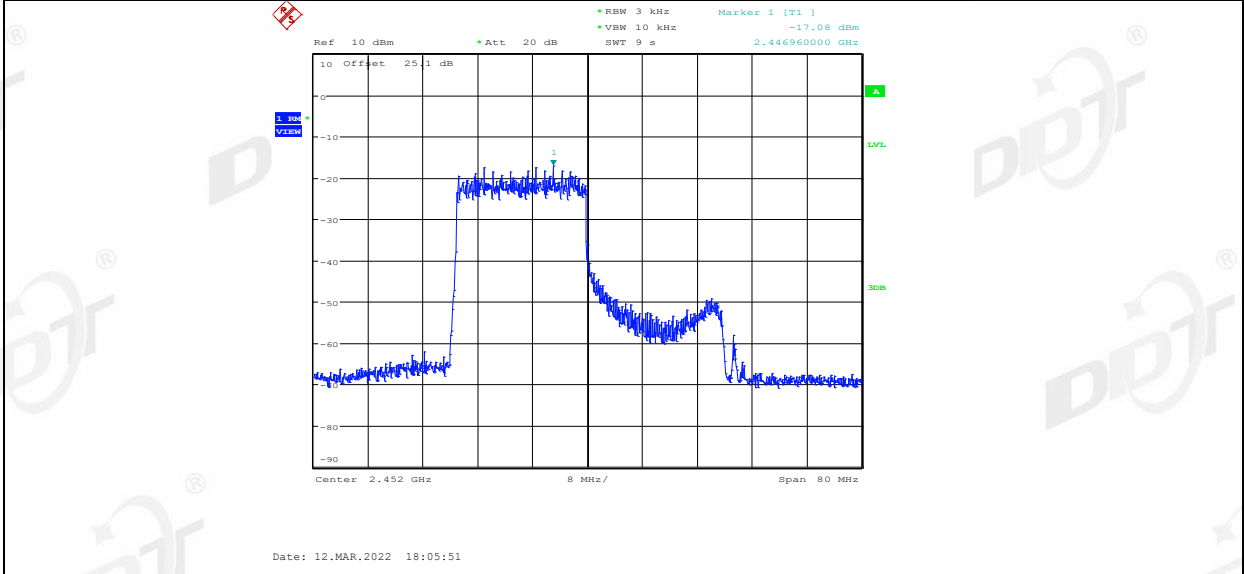
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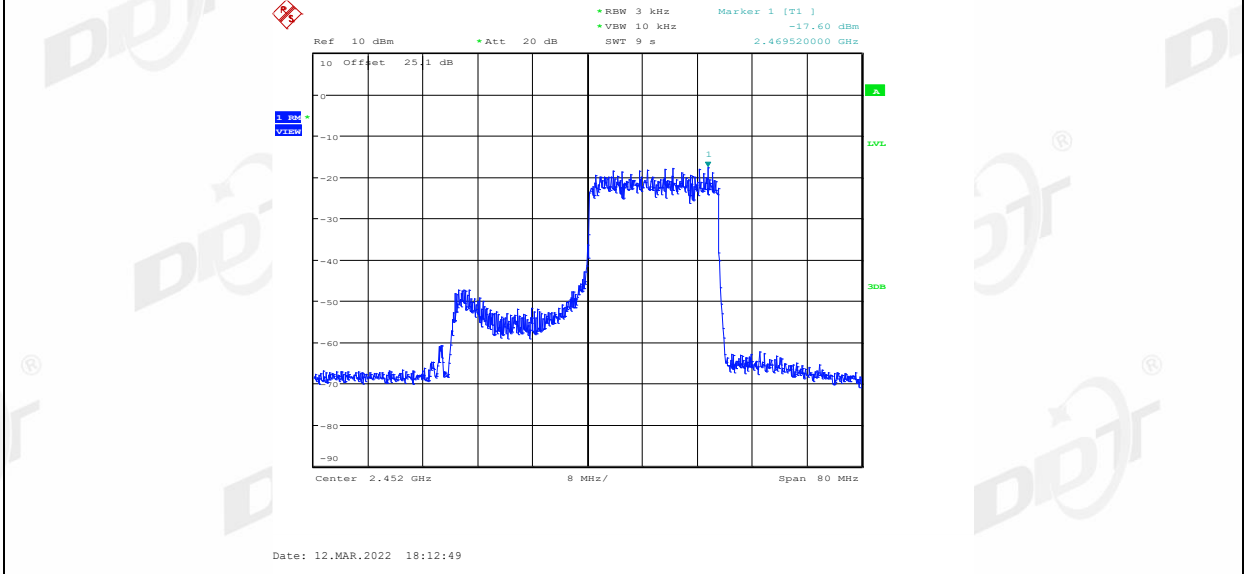
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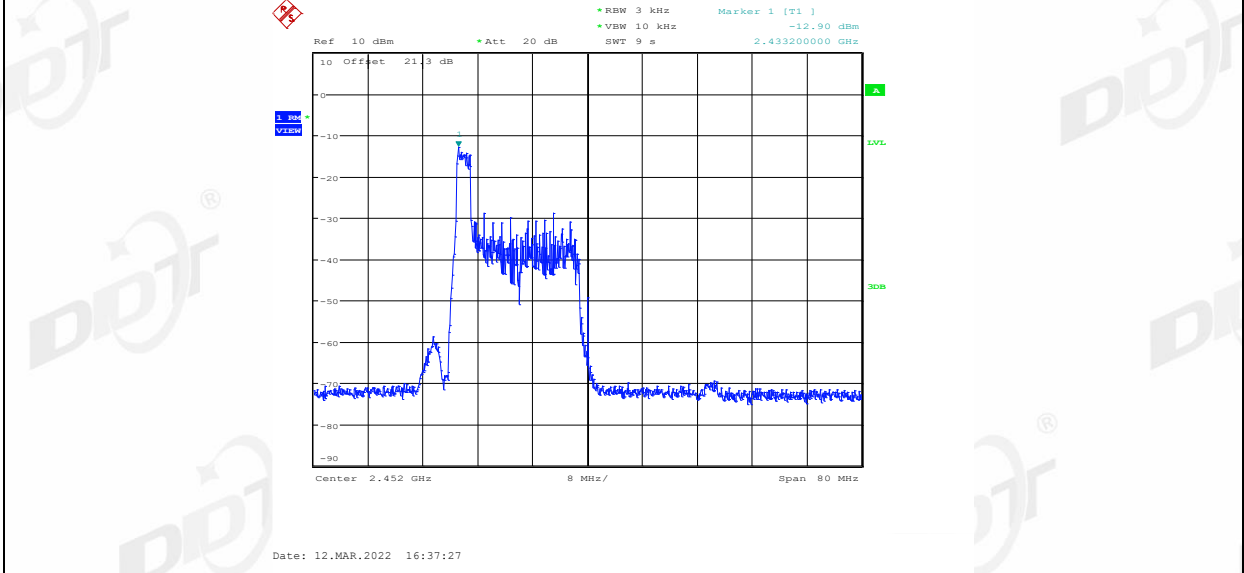
11AX40MIMO\_Ant1\_2452\_242Tone\_RU61



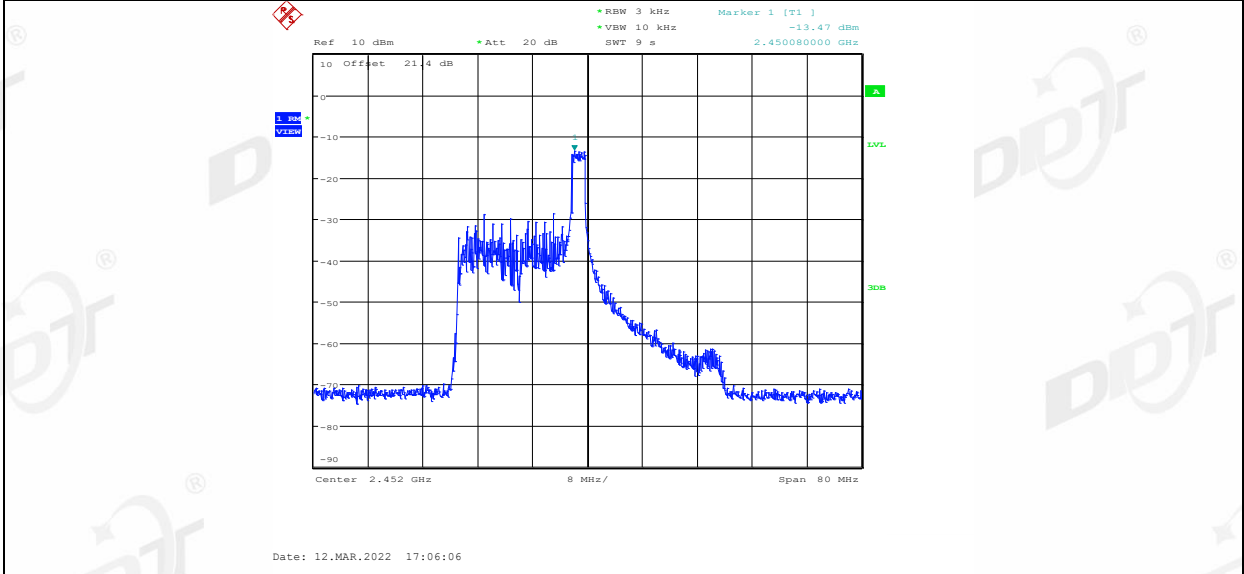
11AX40MIMO\_Ant1\_2452\_242Tone\_RU62



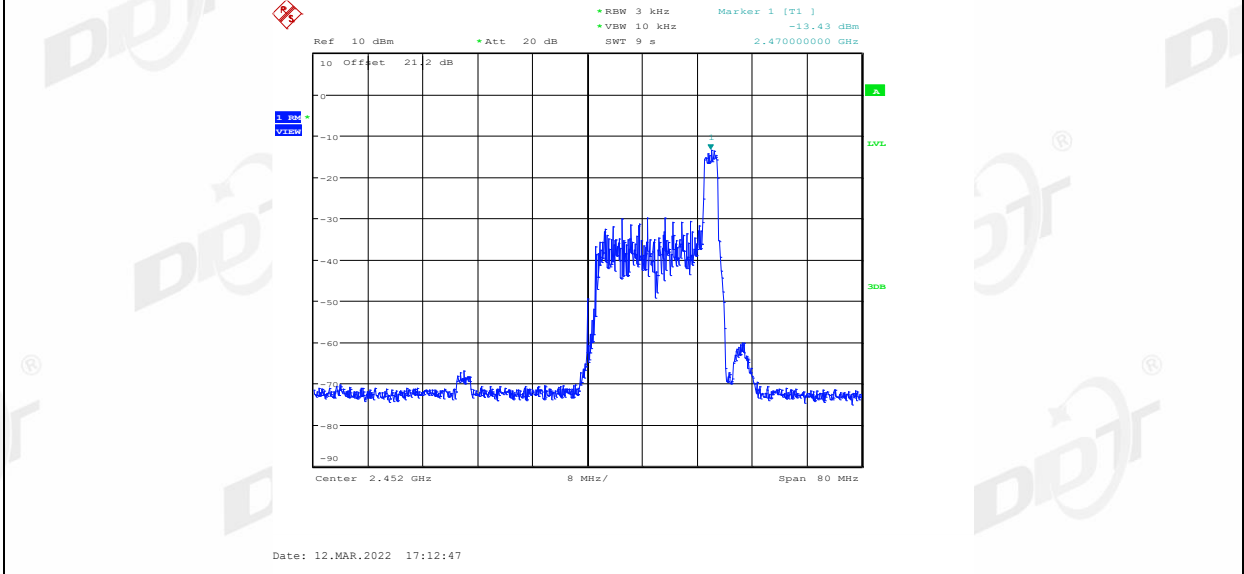
11AX40MIMO\_Ant2\_2452\_26Tone\_RU0



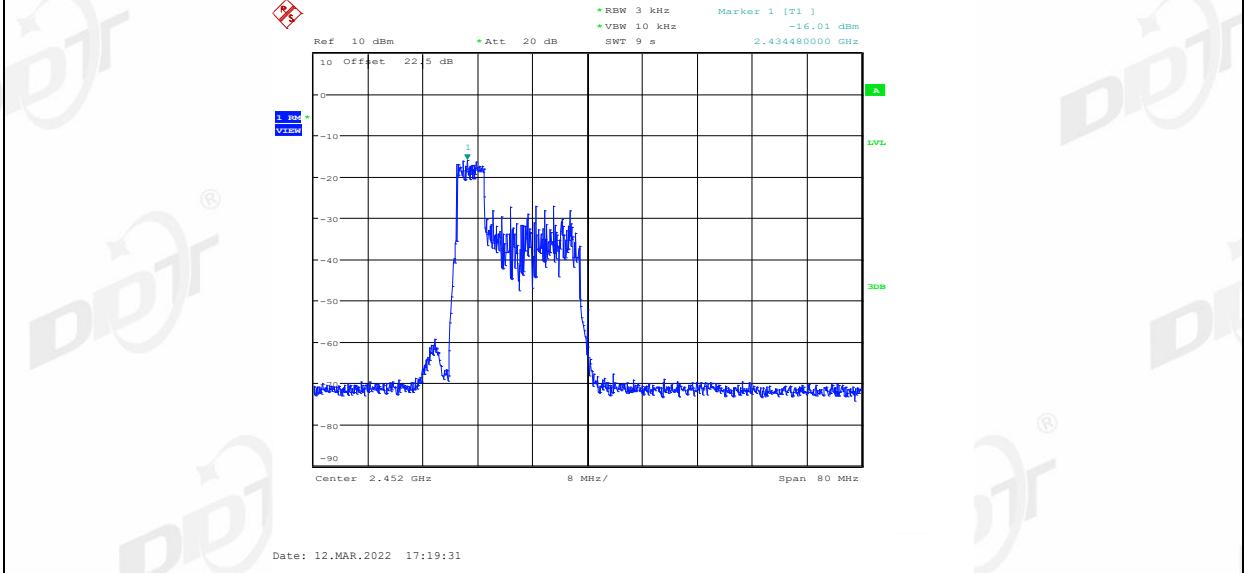
11AX40MIMO\_Ant2\_2452\_26Tone\_RU8



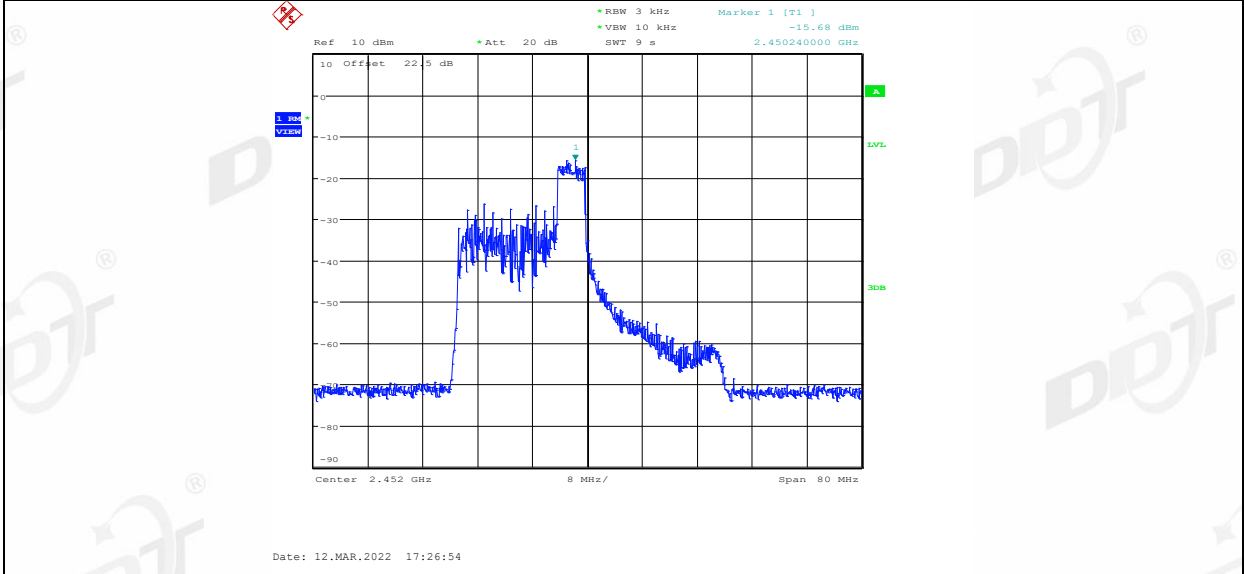
11AX40MIMO\_Ant2\_2452\_26Tone\_RU17



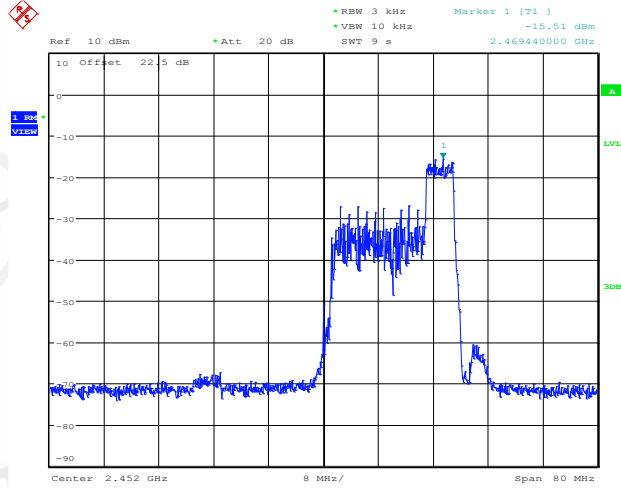
11AX40MIMO\_Ant2\_2452\_52Tone\_RU37



11AX40MIMO\_Ant2\_2452\_52Tone\_RU40

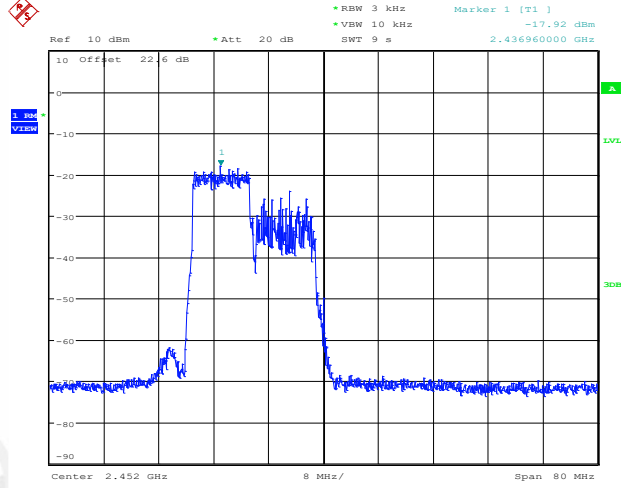


11AX40MIMO\_Ant2\_2452\_52Tone\_RU44



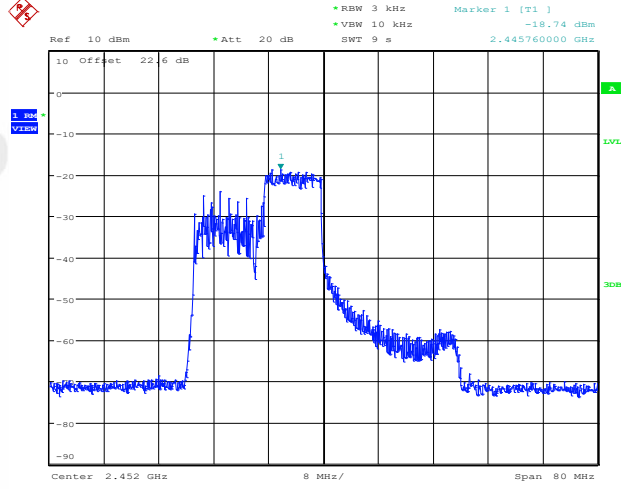
Date: 12.MAR.2022 17:33:54

11AX40MIMO\_Ant2\_2452\_106Tone\_RU53



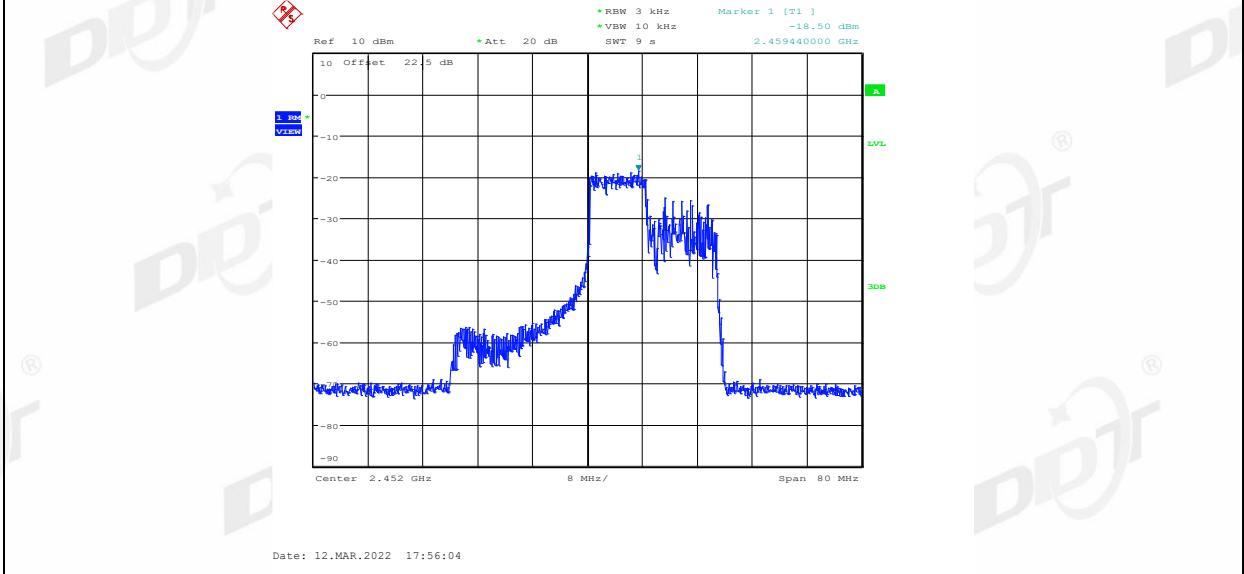
Date: 12.MAR.2022 17:41:04

11AX40MIMO\_Ant2\_2452\_106Tone\_RU54

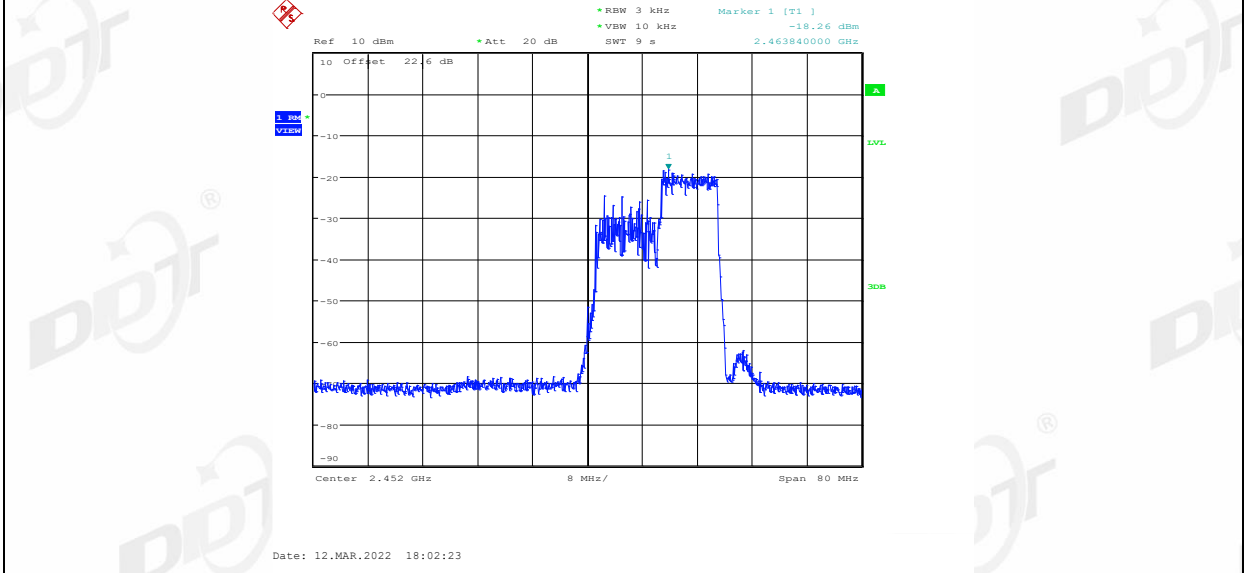


Date: 12.MAR.2022 17:47:56

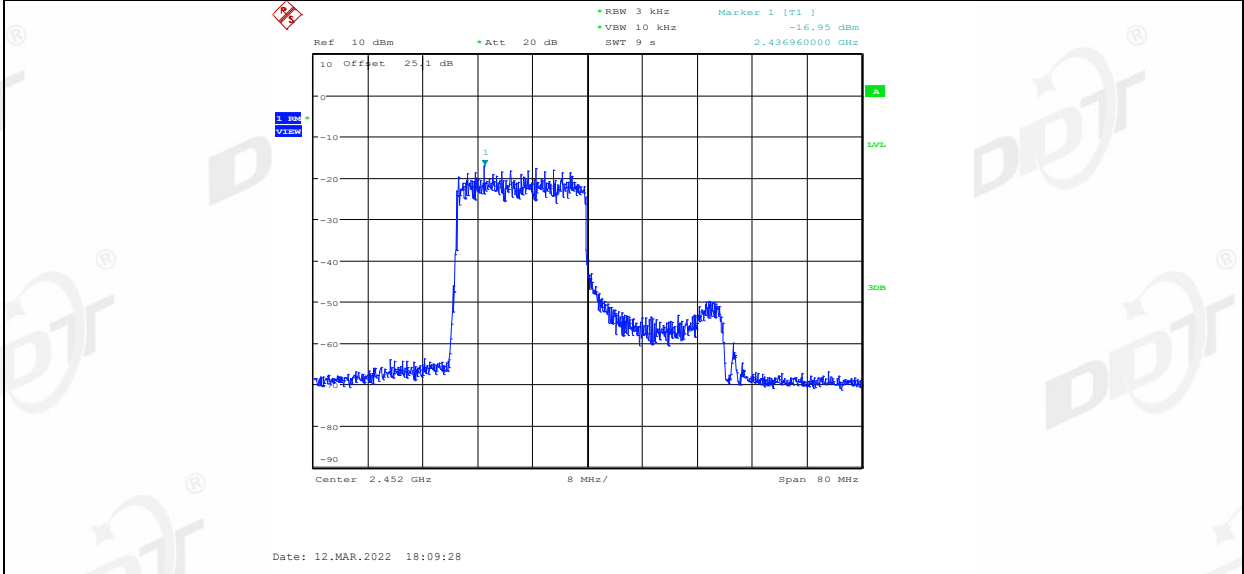
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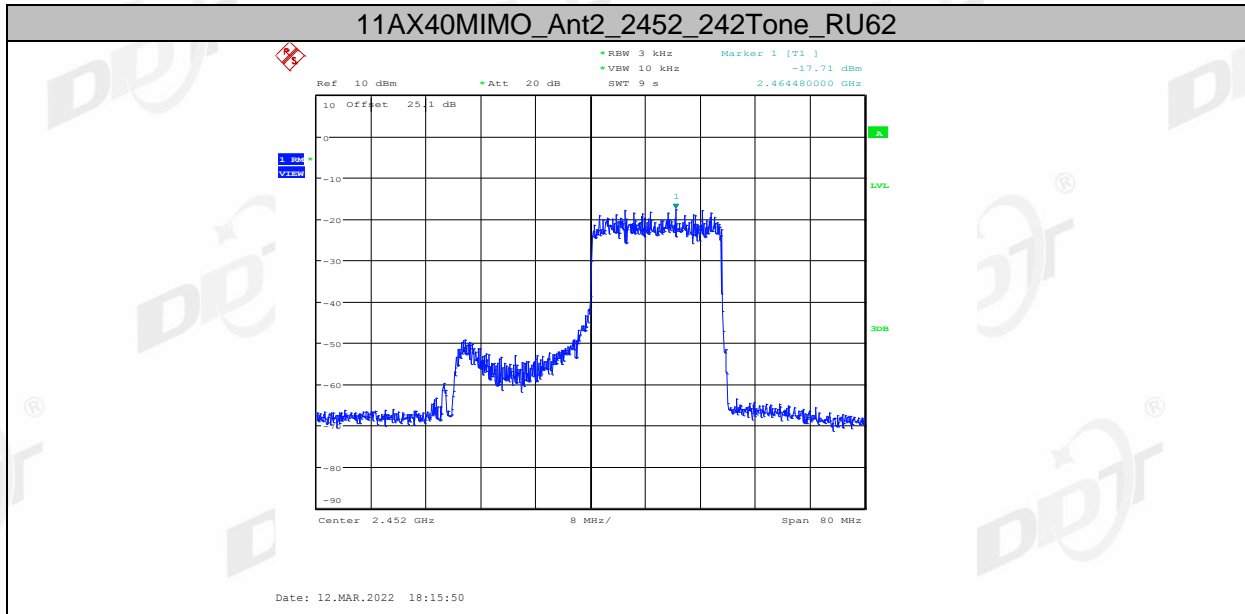


11AX40MIMO\_Ant2\_2452\_106Tone\_RU56



11AX40MIMO\_Ant2\_2452\_242Tone\_RU61





Note: HE20 SU represents HE20 242Tone, and HE40 SU represents HE40 484Tone, so for these Tones test performed with SU mode.



## 7. Band Edge and Spurious Emissions (Conducted)

### 7.1. Block diagram of test setup

Same as section 4.1

### 7.2. Limits

In any 100 kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power.

### 7.3. Test procedure

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Establish a reference level by using the following procedure:

Center frequency	DTS Channel center frequency
RBW:	100 kHz
VBW:	300 kHz
Span	1.5 times the DTS bandwidth
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(3) Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.

(4) Set the spectrum analyzer as follows:

RBW:	100 kHz
VBW:	300 kHz
Span	Encompass frequency range to be measured
Number of measurement points	$\geq \text{span}/\text{RBW}$
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(5) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude of all unwanted emissions outside of the authorized frequency band

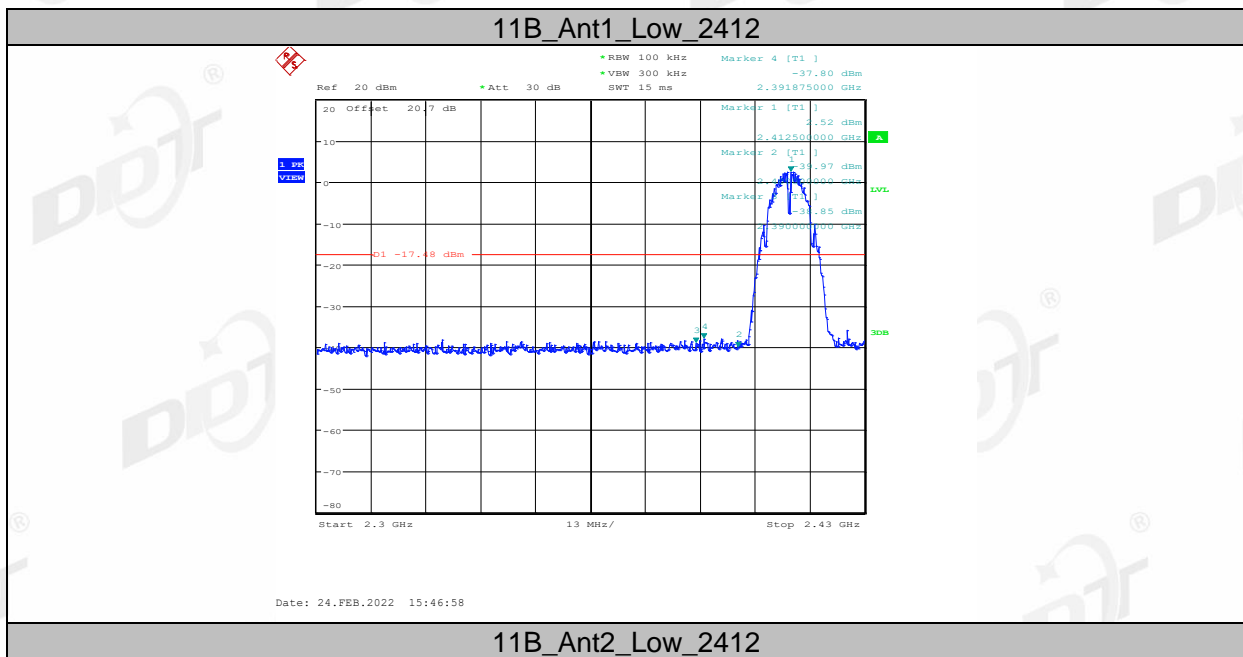
### 7.4. Test result

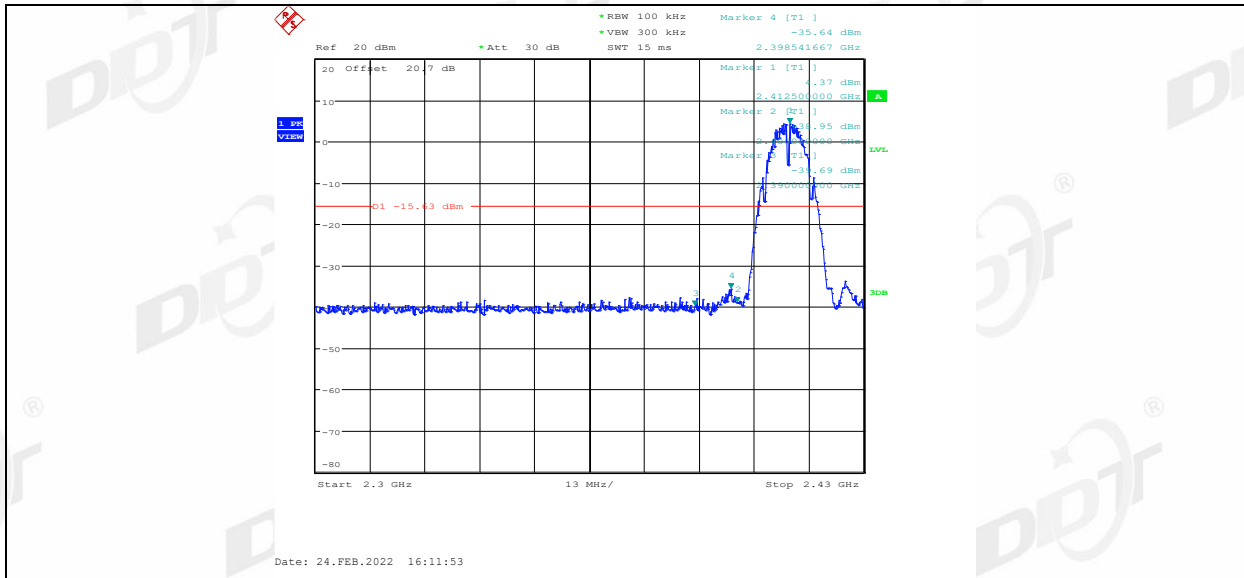
EUT Set Mode	CH or Frequency	Result (dBm)	EUT Set Mode	CH or Frequency	Result (dBm)
11b	CH1	Pass	11g	CH1	Pass
	CH6	Pass		CH6	Pass
	CH11	Pass		CH11	Pass
11n HT 20	CH1	Pass	11n HT 40	CH3	Pass
	CH6	Pass		CH6	Pass
	CH11	Pass		CH9	Pass
11ax HE 20	CH1	Pass	11ax HE 40	CH3	Pass
	CH6	Pass		CH6	Pass
	CH11	Pass		CH9	Pass

Note: for 802.11ax mode, according exploratory explorer test, Specific Resource Unit have no distinct influence, so the final test data only record the Worst Case.

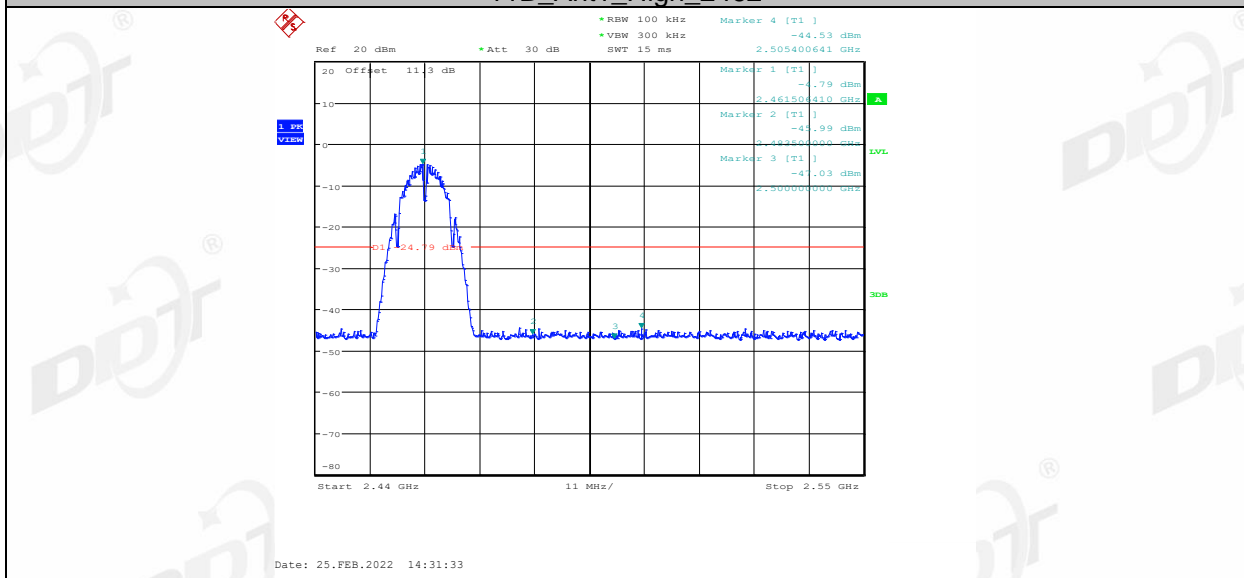
### 7.5. Original test data

Band Edge

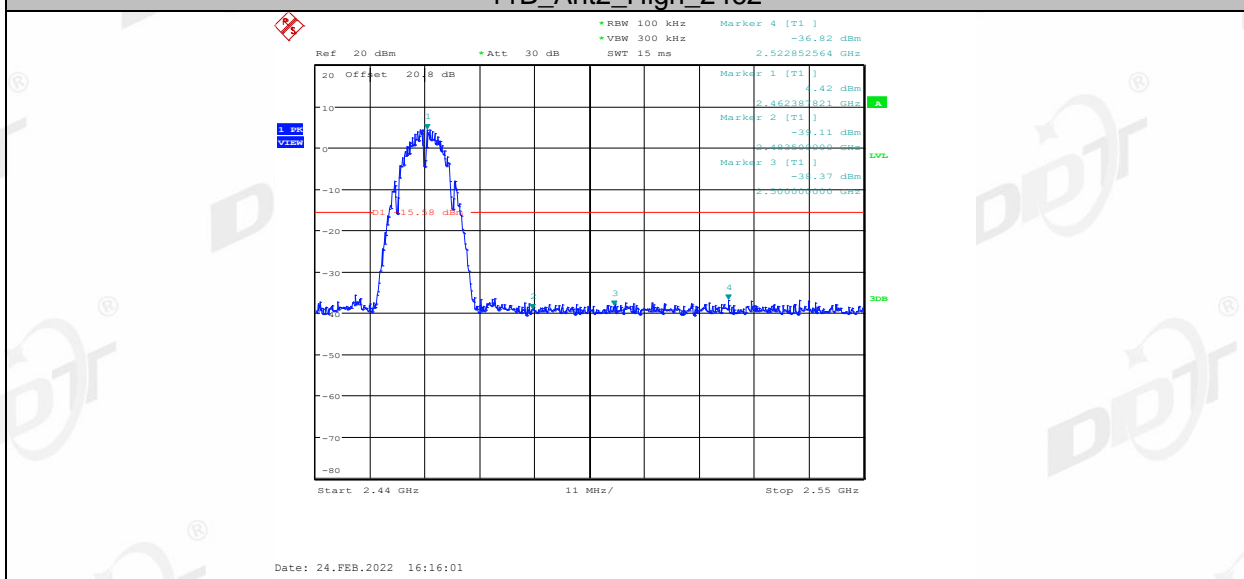




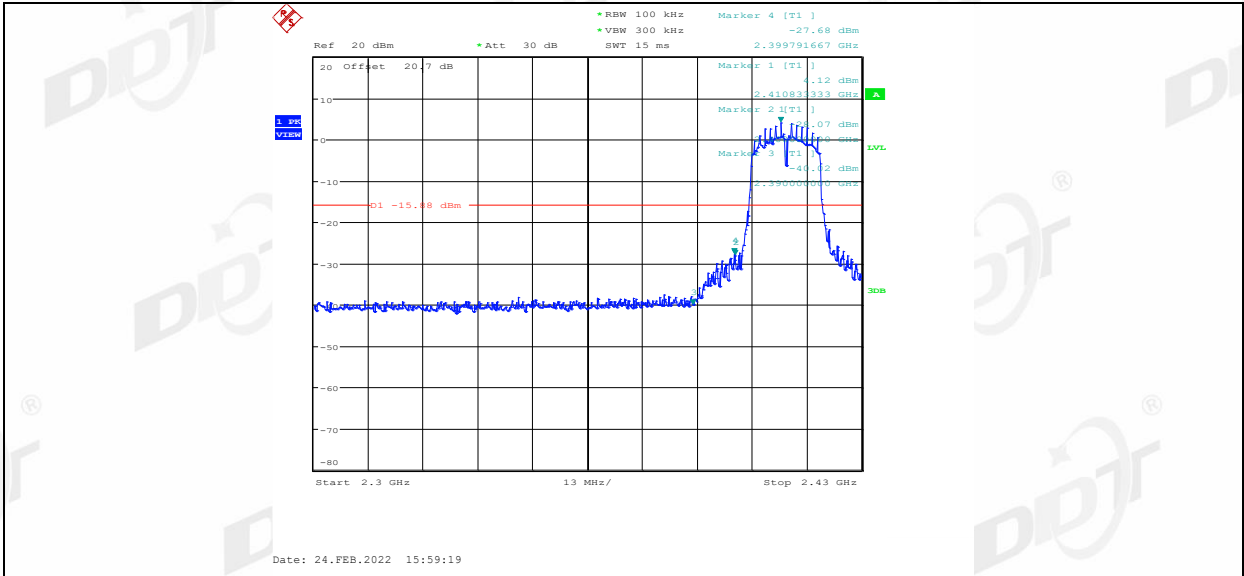
11B\_Ant1\_High\_2462



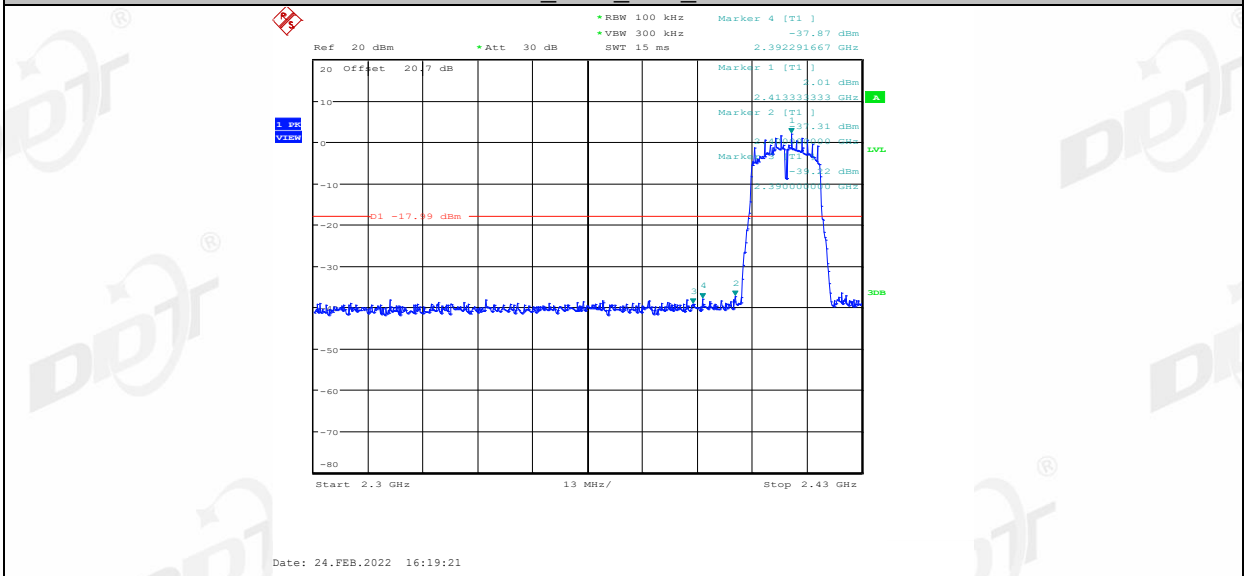
11B\_Ant2\_High\_2462



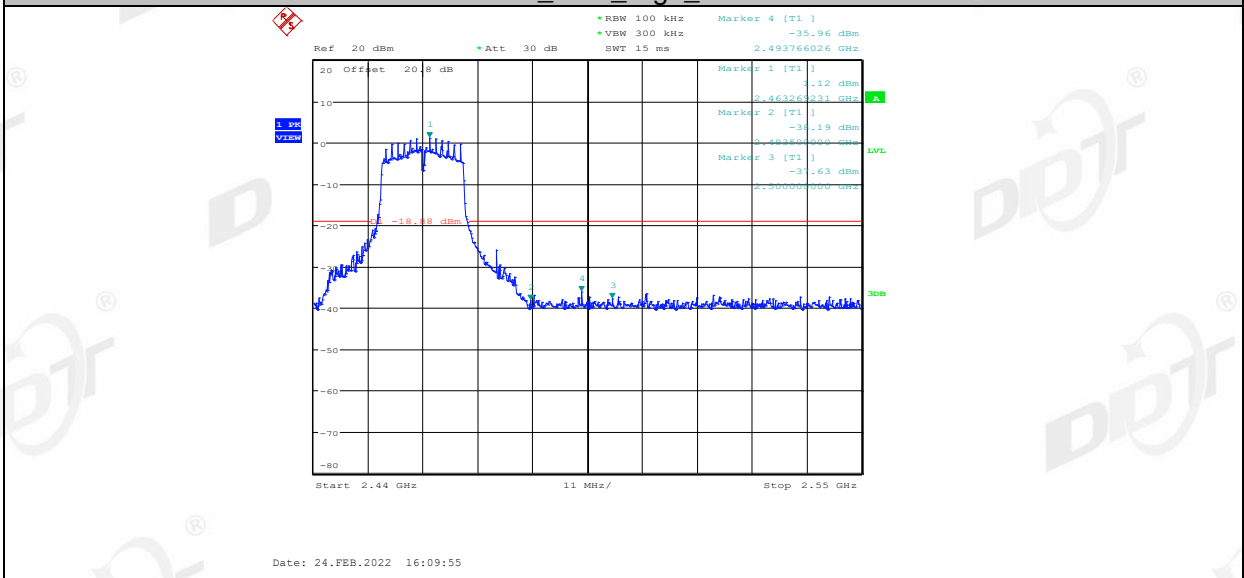
11G\_Ant1\_Low\_2412



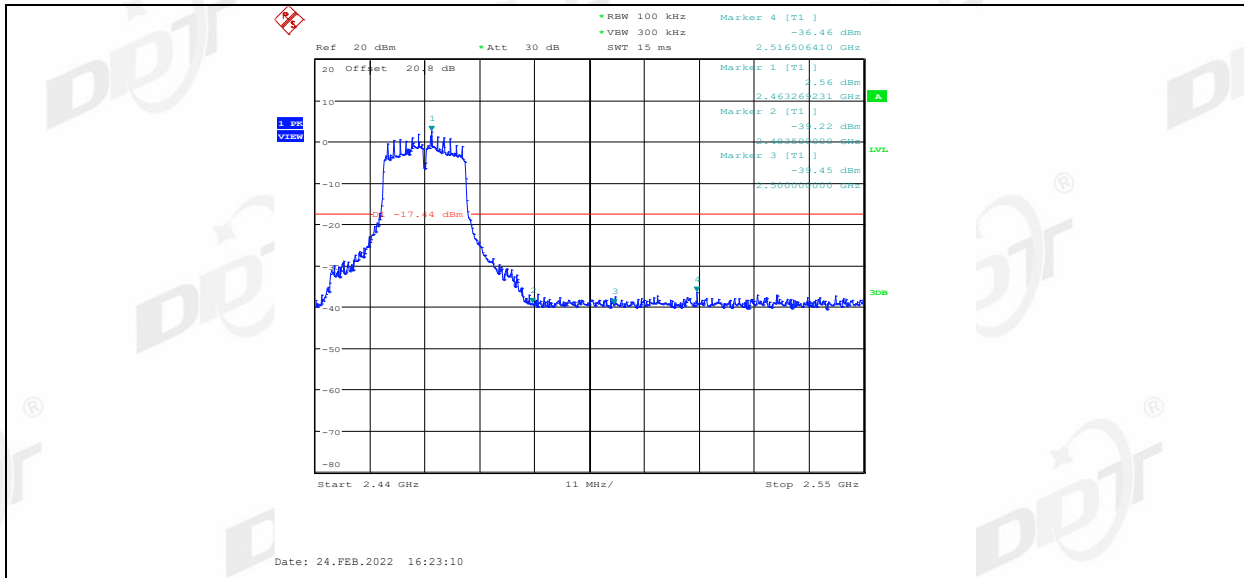
11G\_Ant2\_Low\_2412



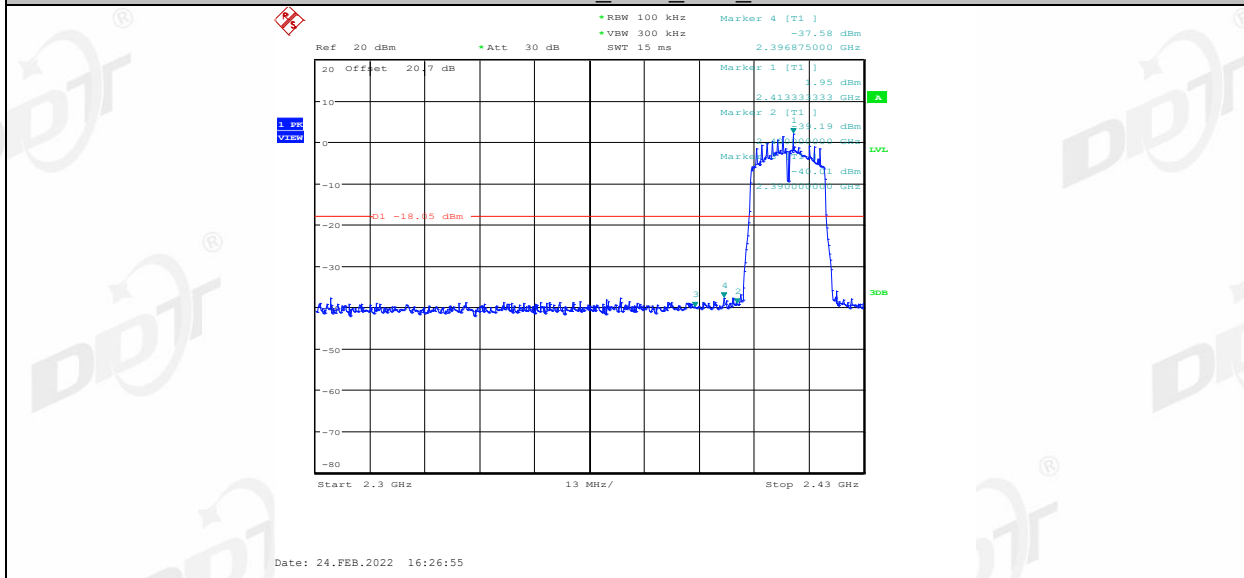
11G\_Ant1\_High\_2462



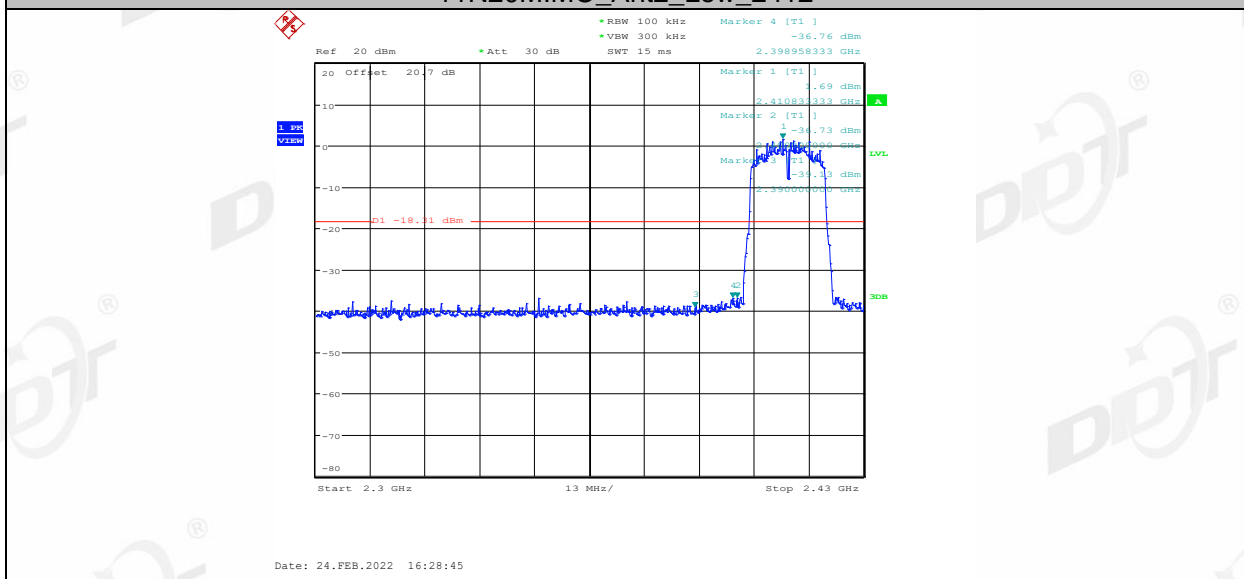
11G\_Ant2\_High\_2462



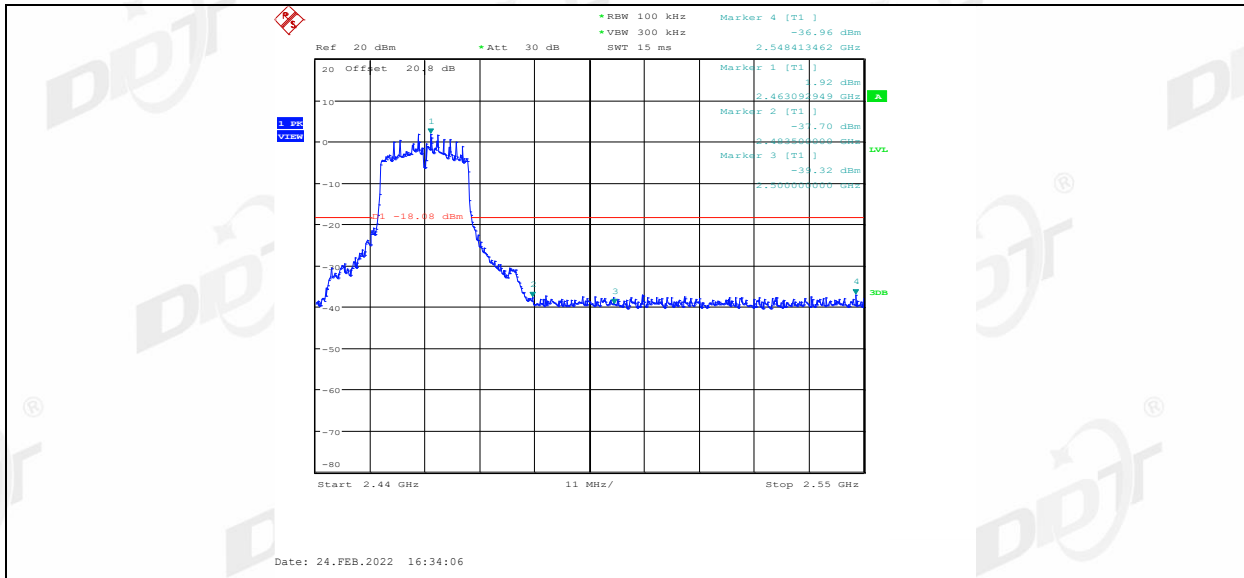
11N20MIMO\_Ant1\_Low\_2412



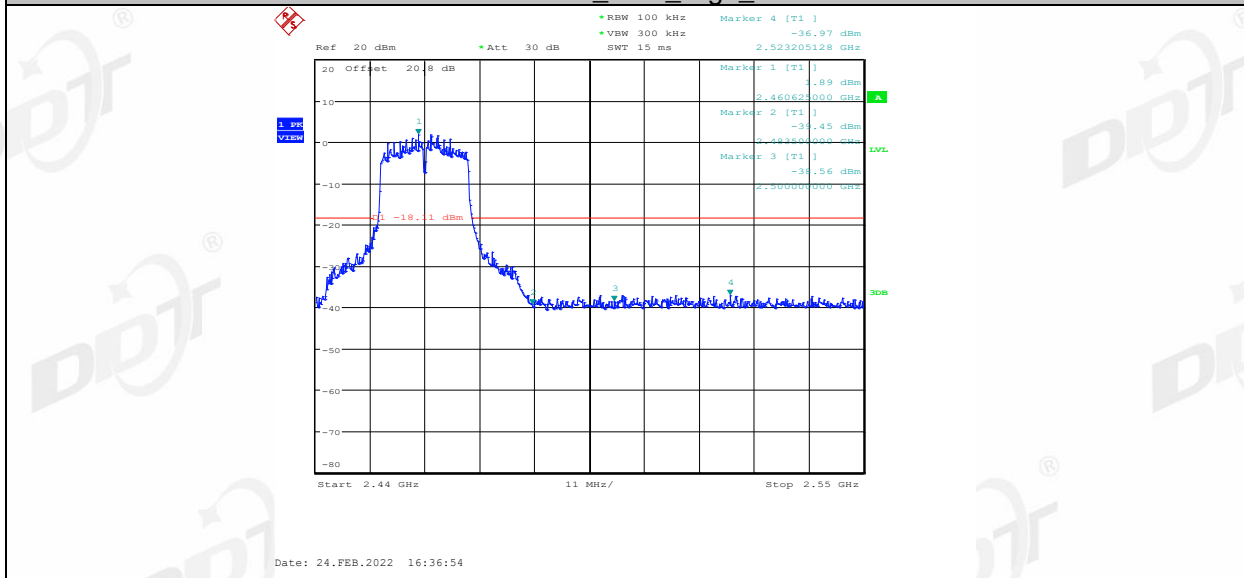
11N20MIMO\_Ant2\_Low\_2412



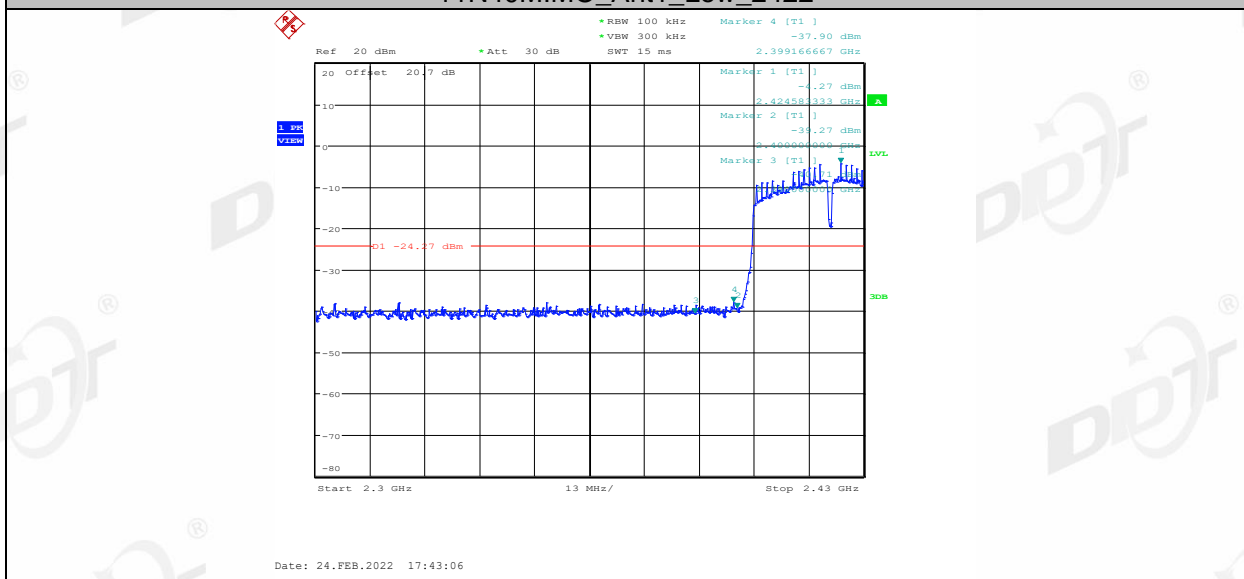
11N20MIMO\_Ant1\_High\_2462



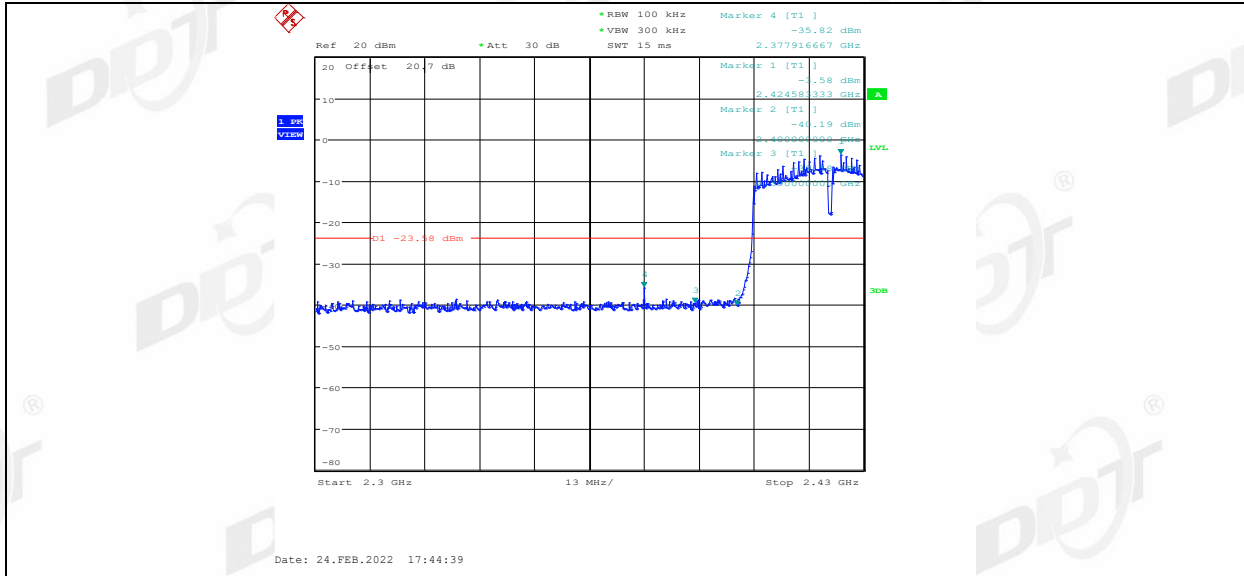
11N20MIMO\_Ant2\_High\_2462



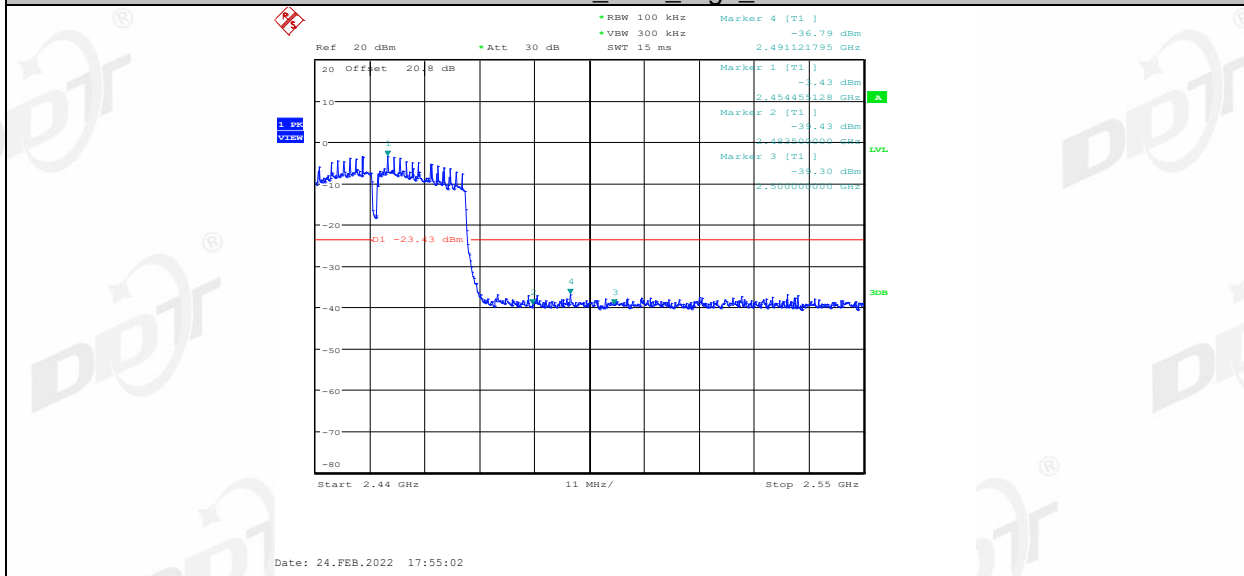
11N40MIMO\_Ant1\_Low\_2422



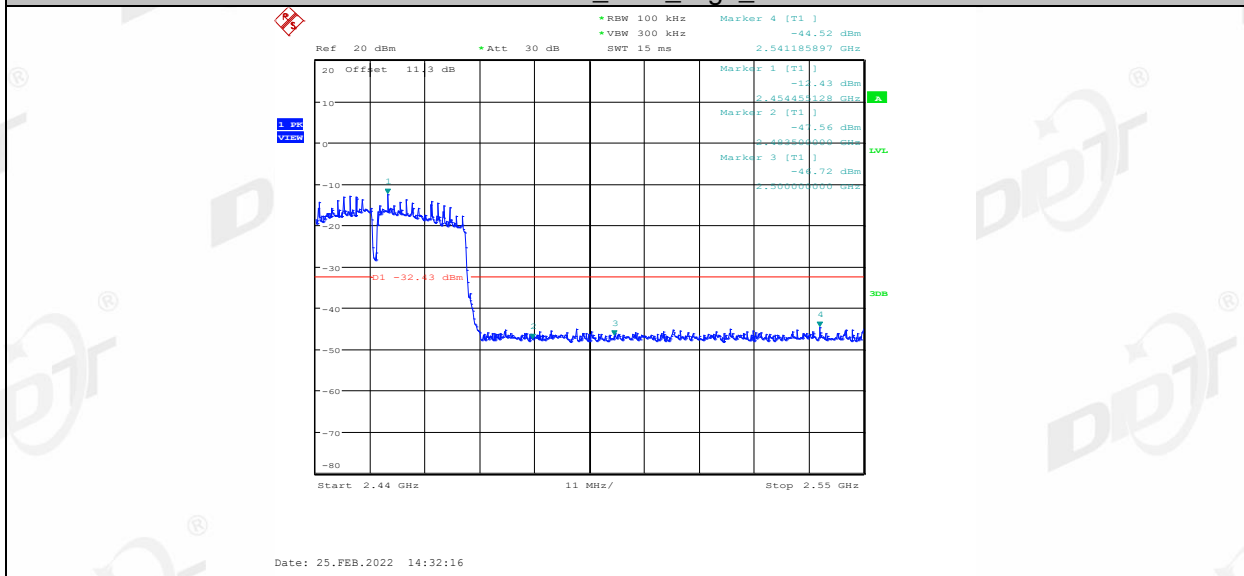
11N40MIMO\_Ant2\_Low\_2422



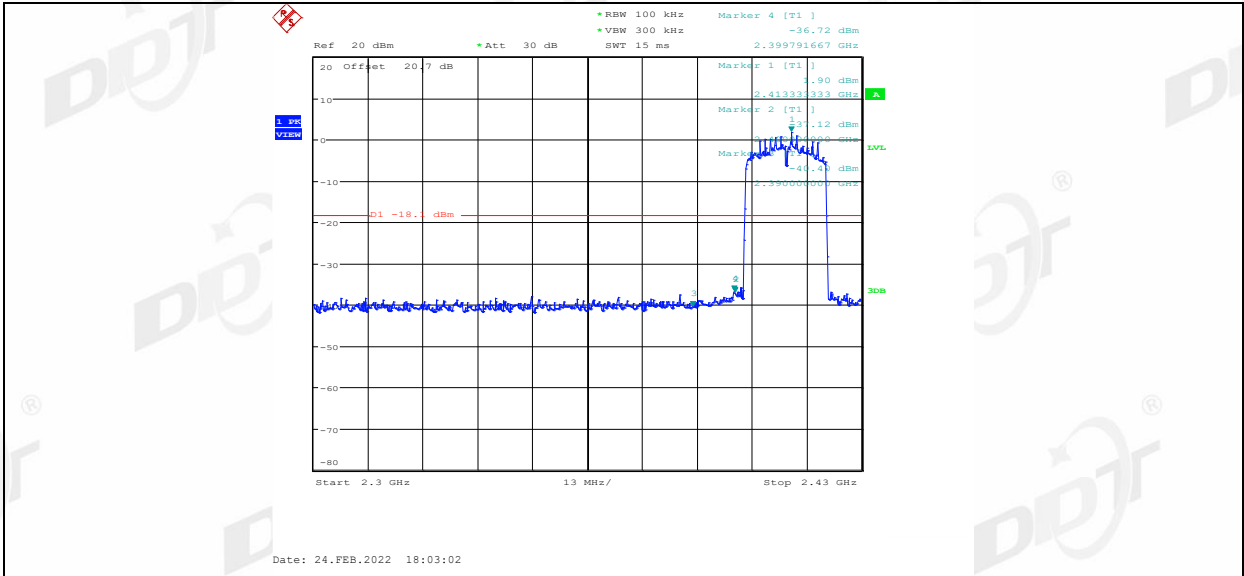
11N40MIMO\_Ant1\_High\_2452



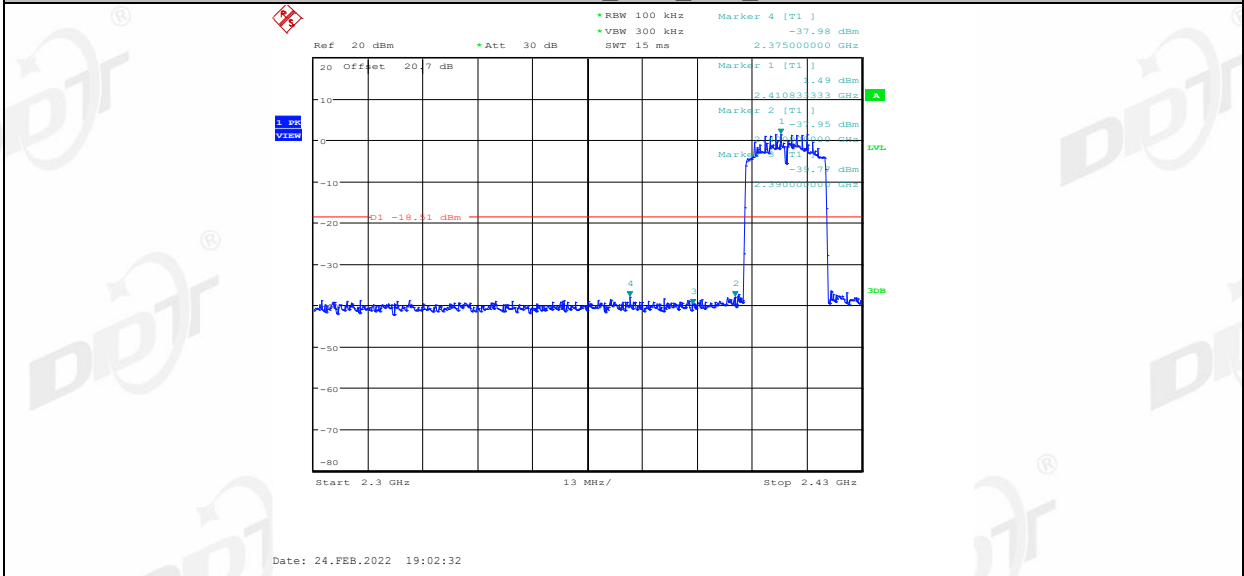
11N40MIMO\_Ant2\_High\_2452



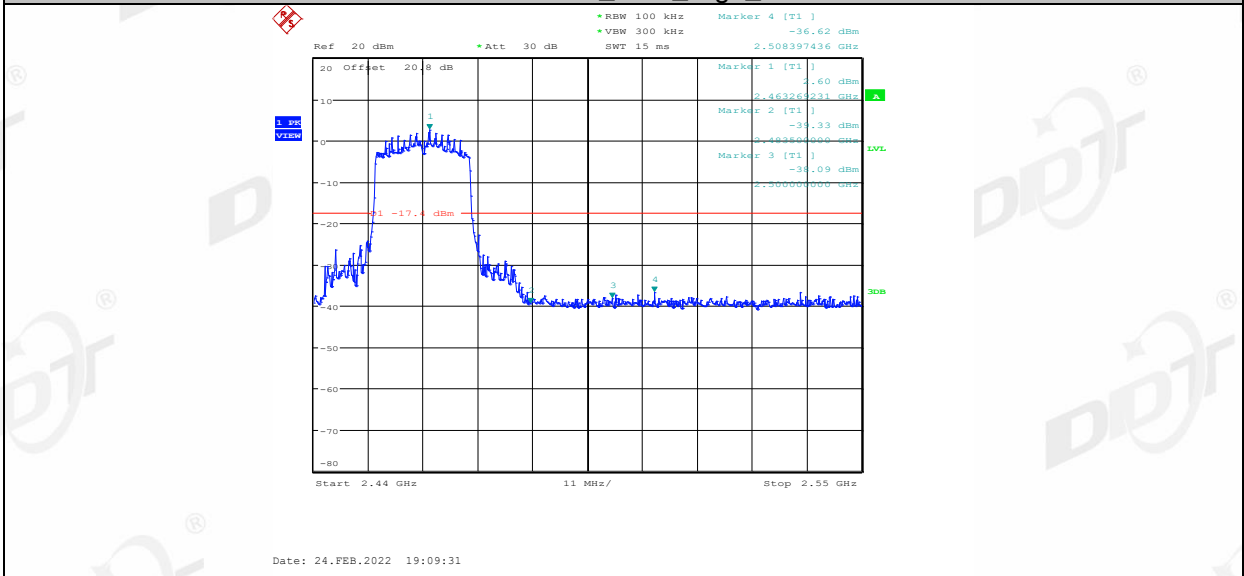
11AX20MIMO\_Ant1\_Low\_2412



11AX20MIMO\_Ant2\_Low\_2412

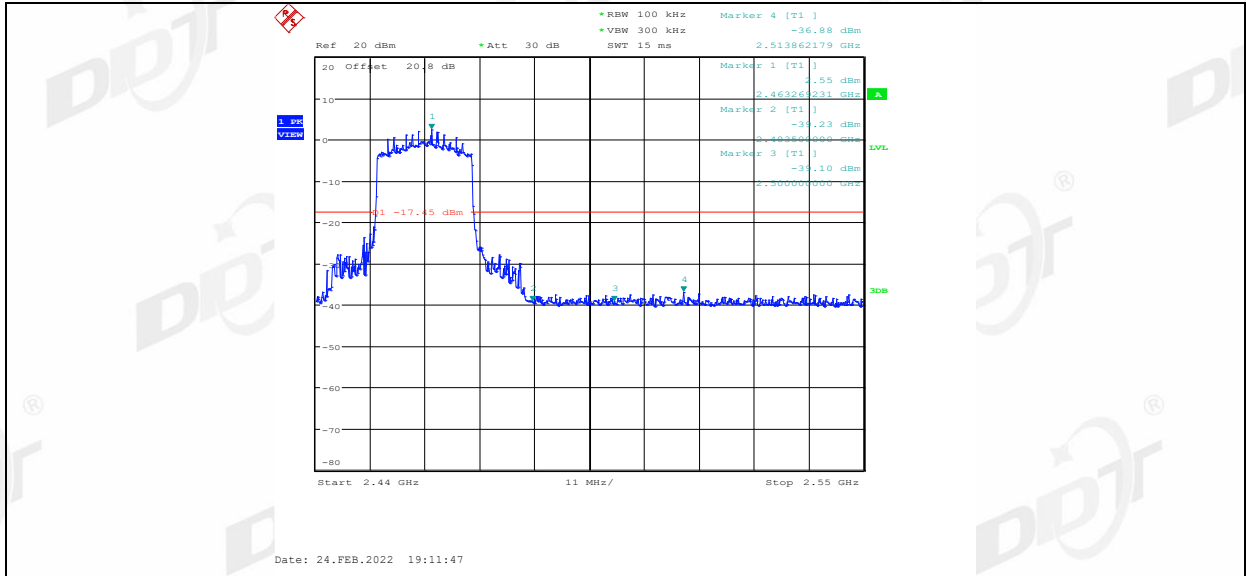


11AX20MIMO\_Ant1\_High\_2462

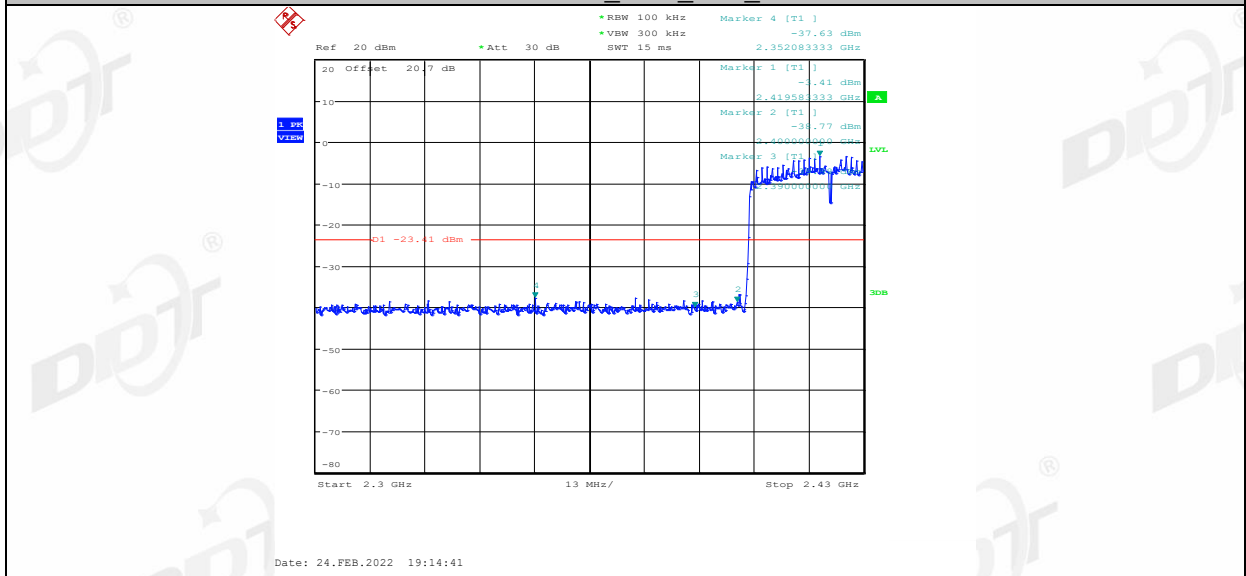


11AX20MIMO\_Ant2\_High\_2462

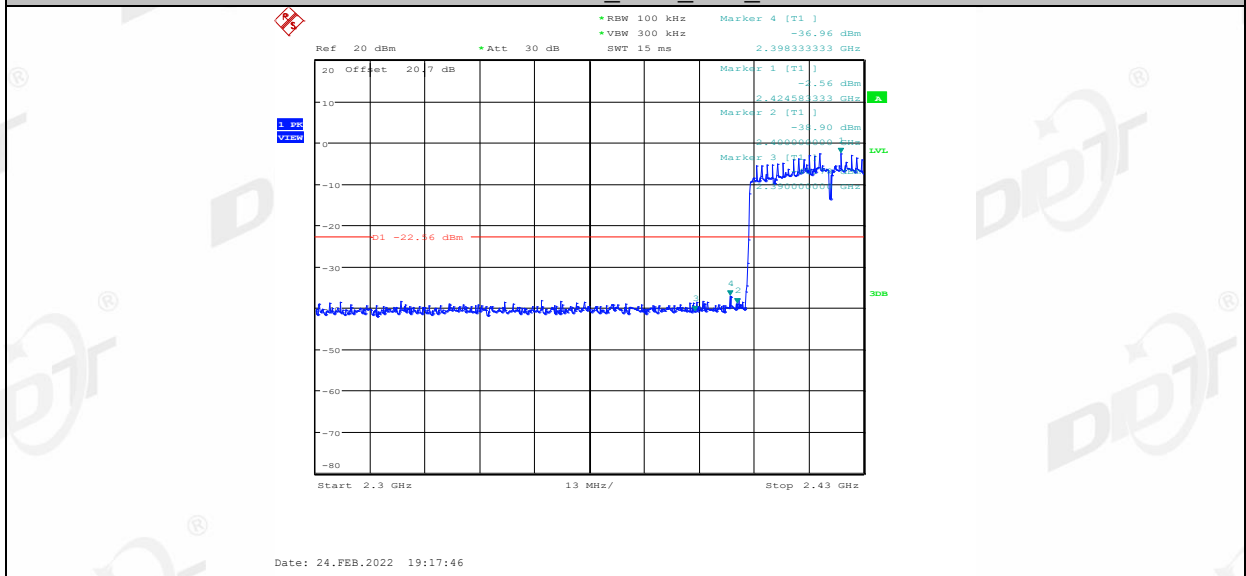




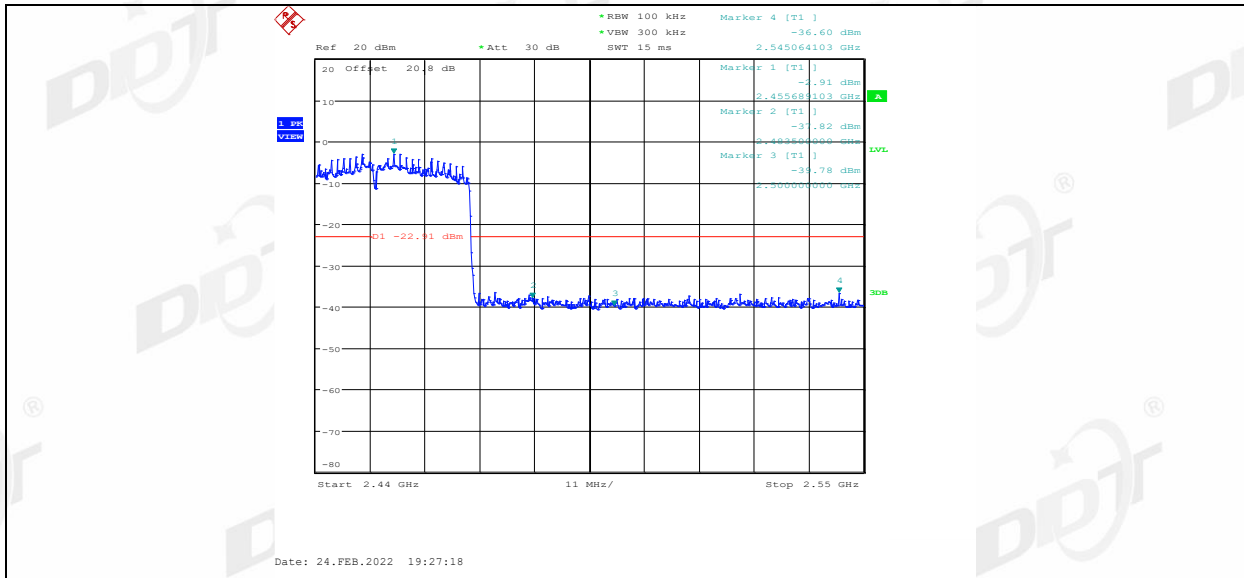
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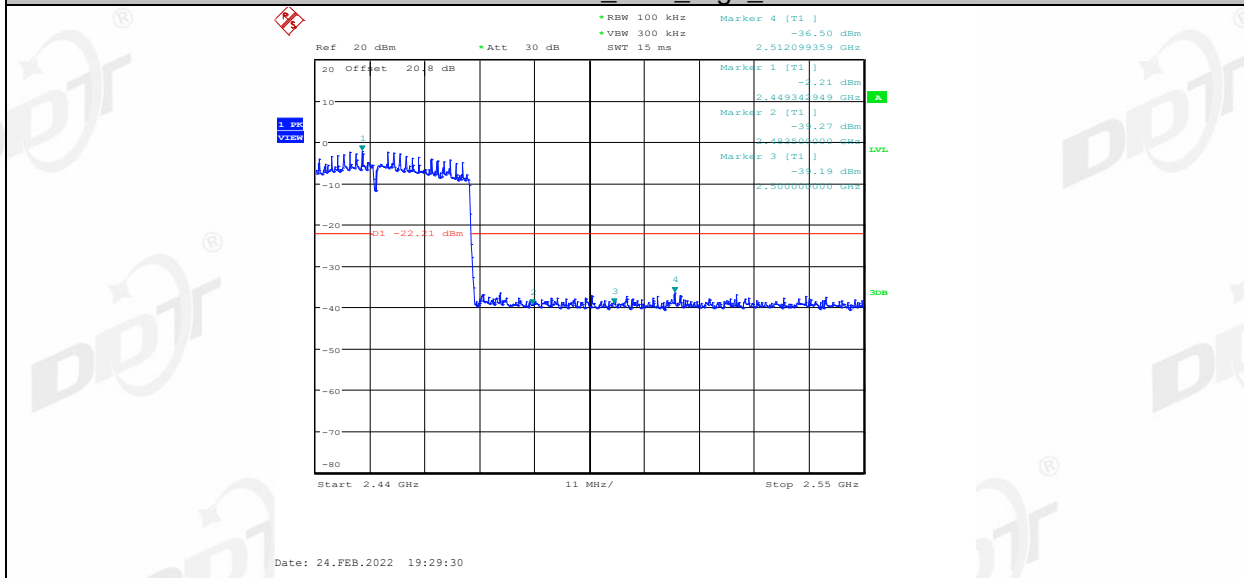
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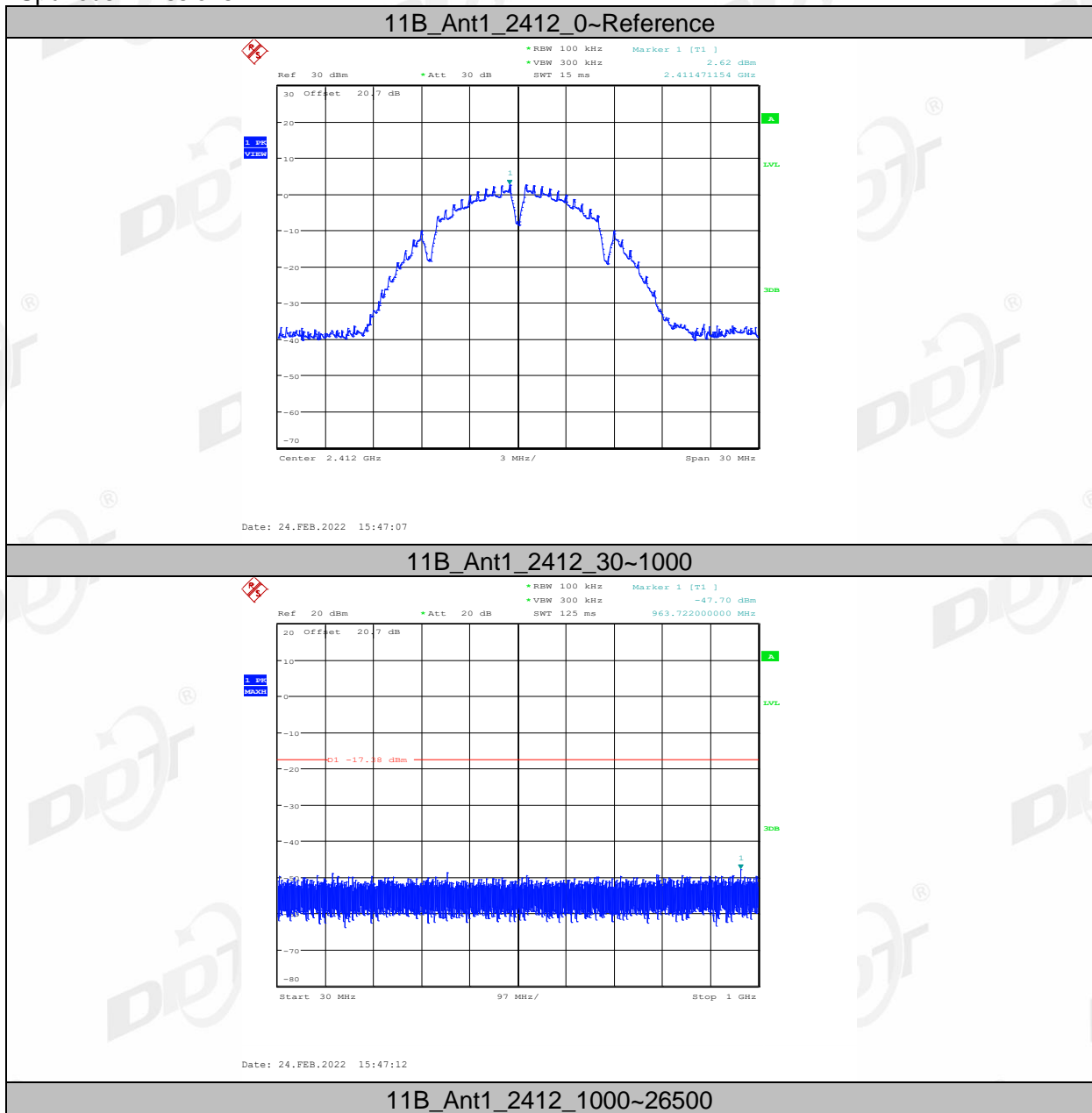
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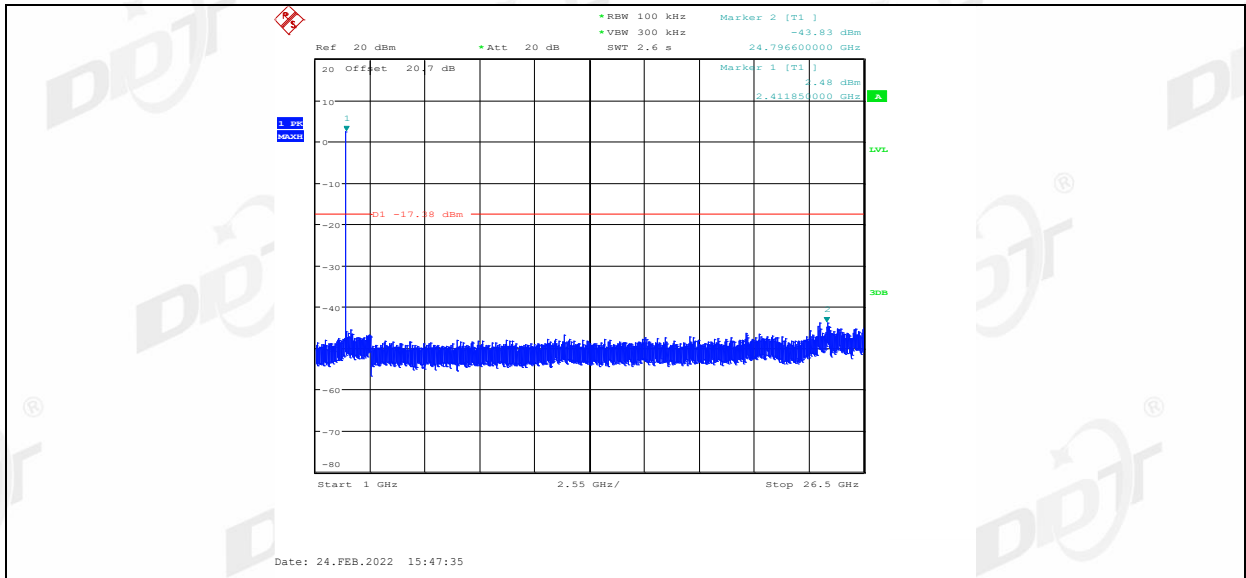


11AX40MIMO\_Ant2\_High\_2452

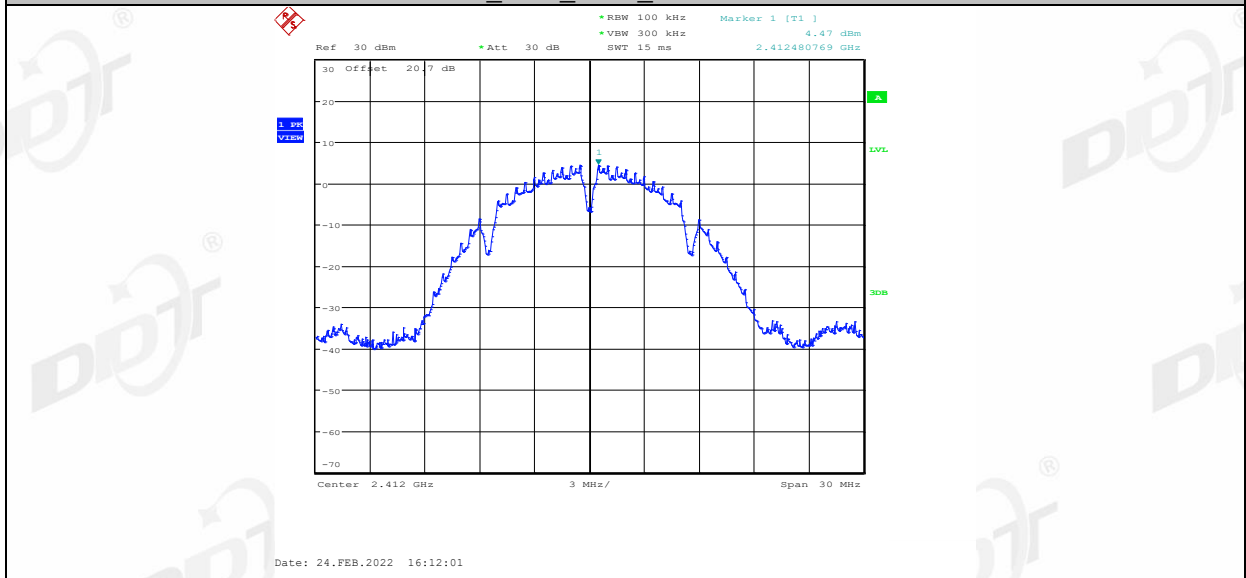


Spurious Emissions

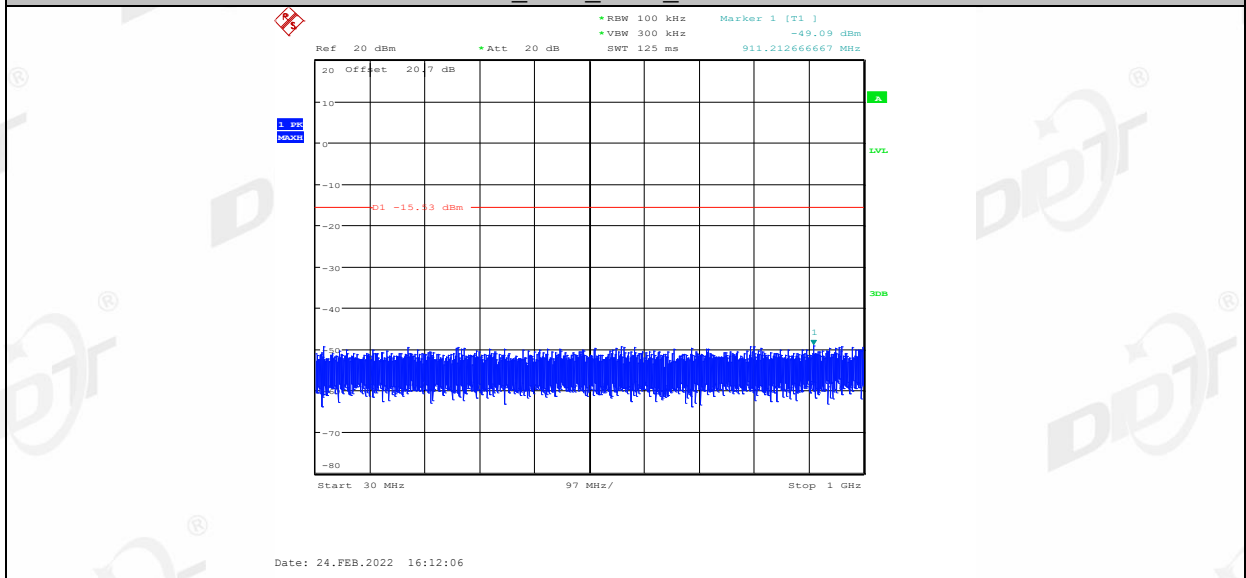




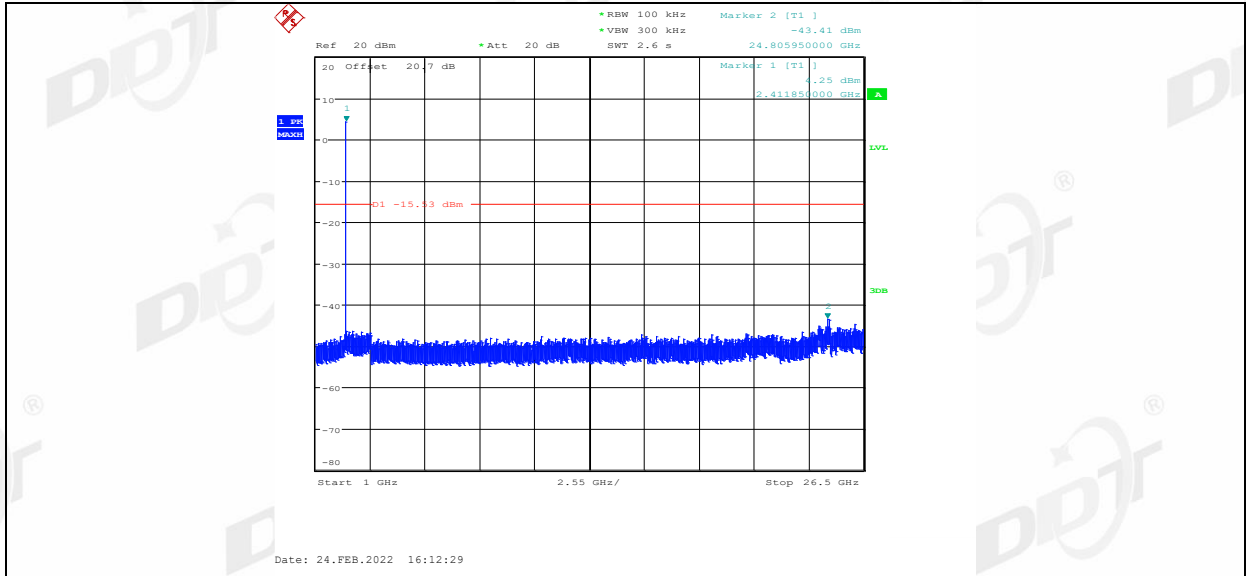
11B\_Ant2\_2412\_0-Reference



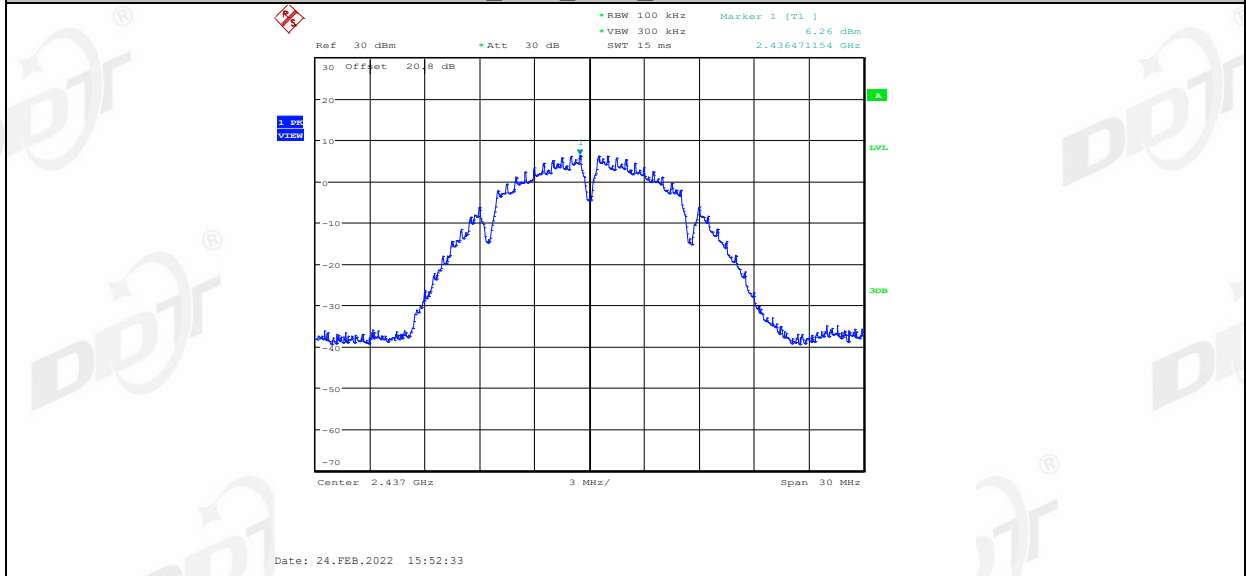
11B\_Ant2\_2412\_30~1000



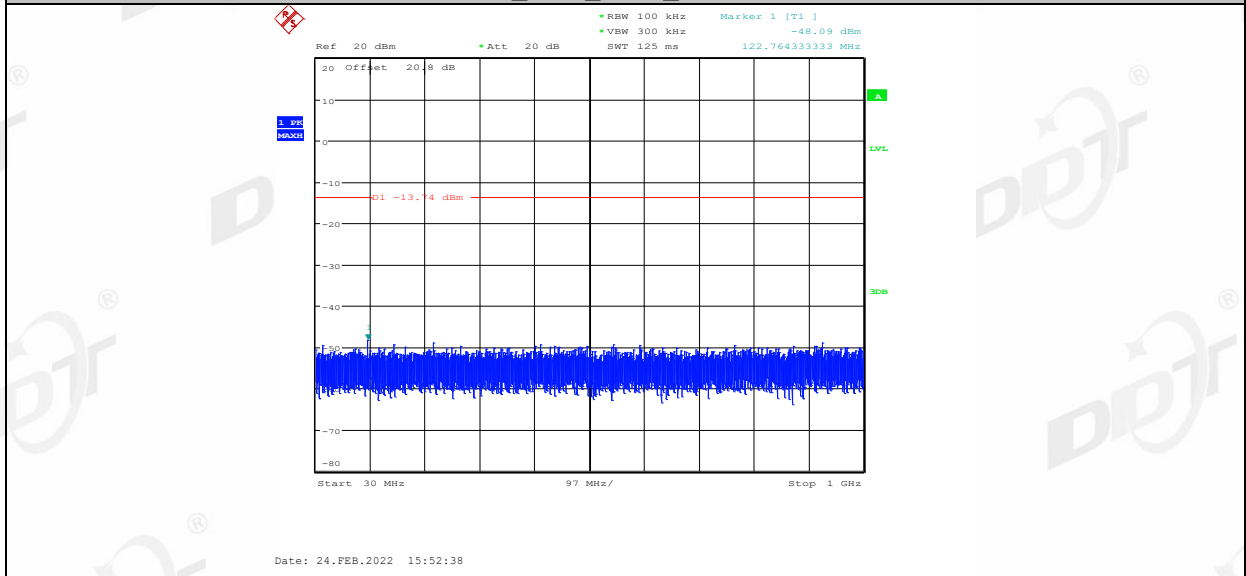
11B\_Ant2\_2412\_1000~26500



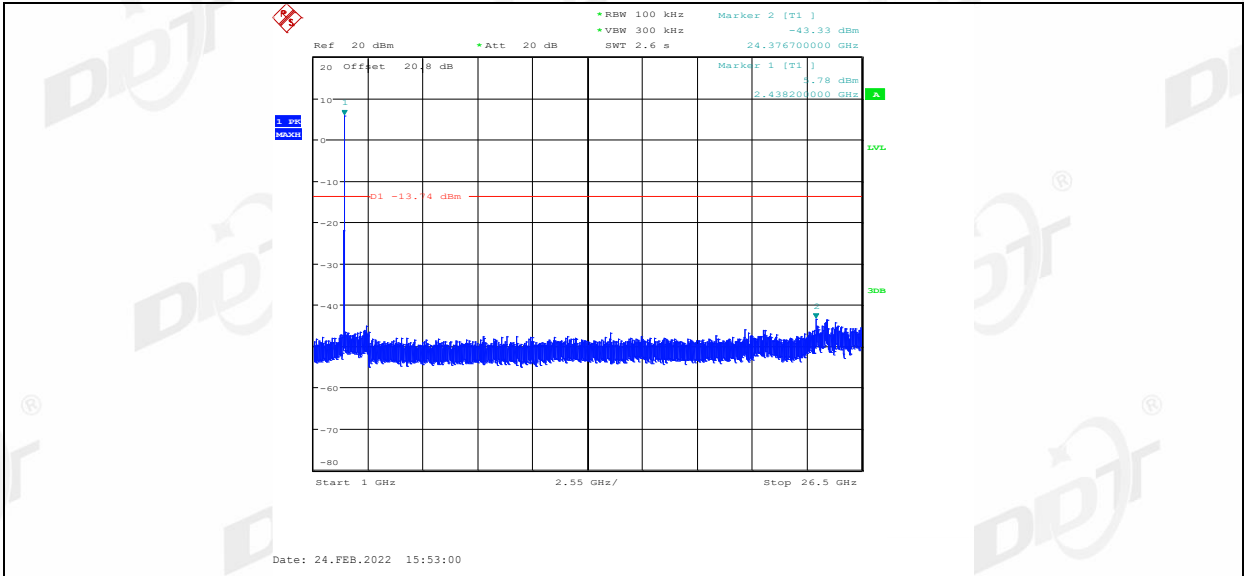
11B\_Ant1\_2437\_0~Reference



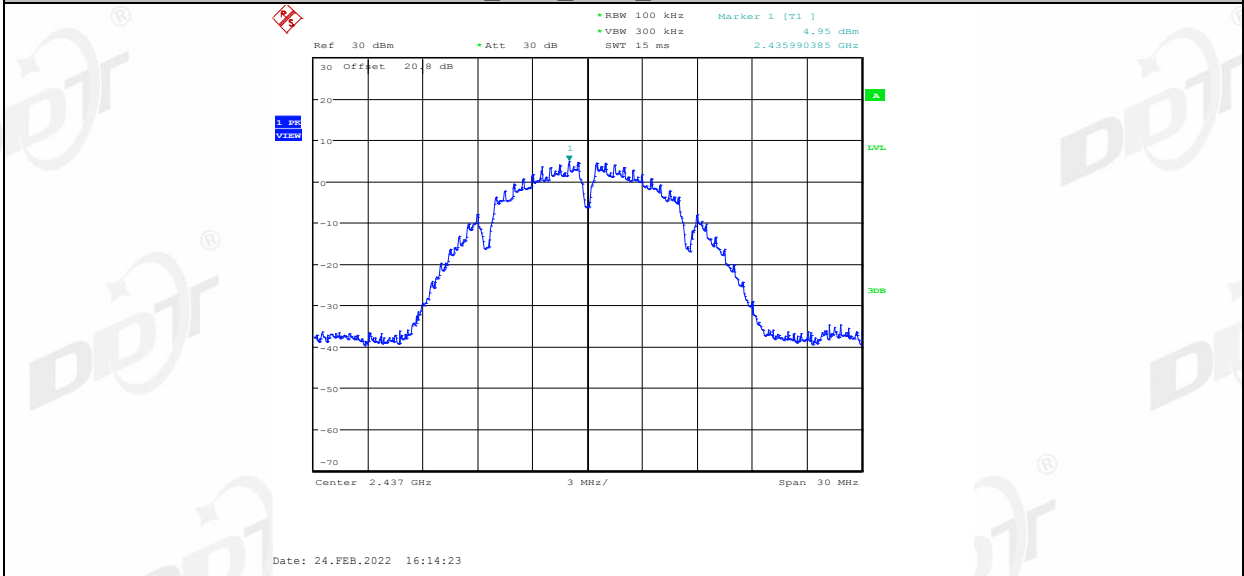
11B\_Ant1\_2437\_30~1000



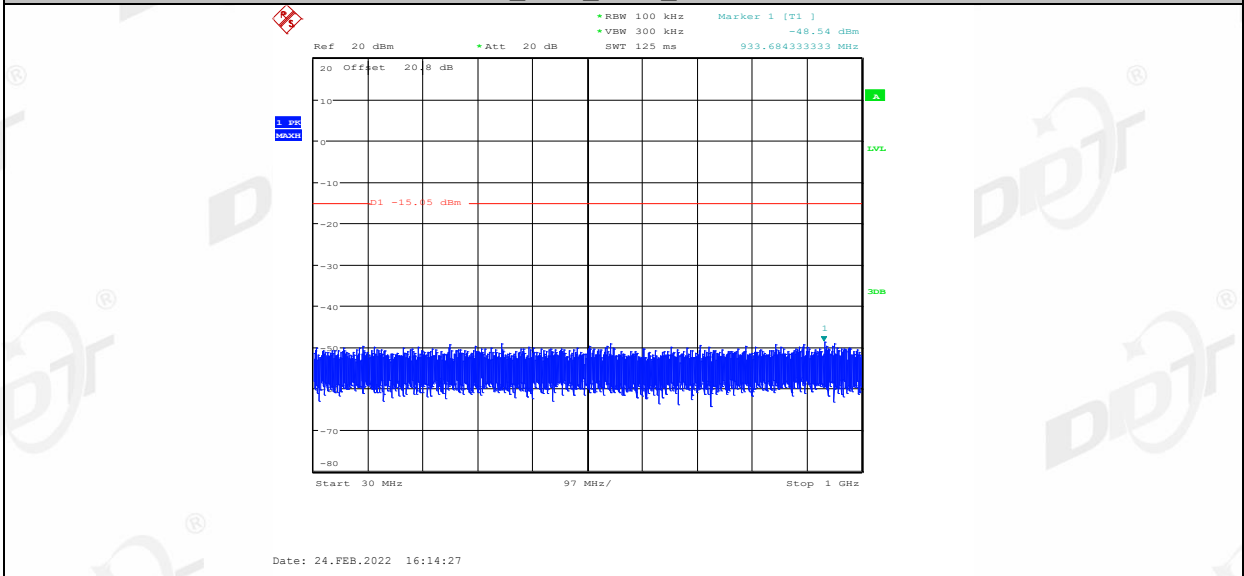
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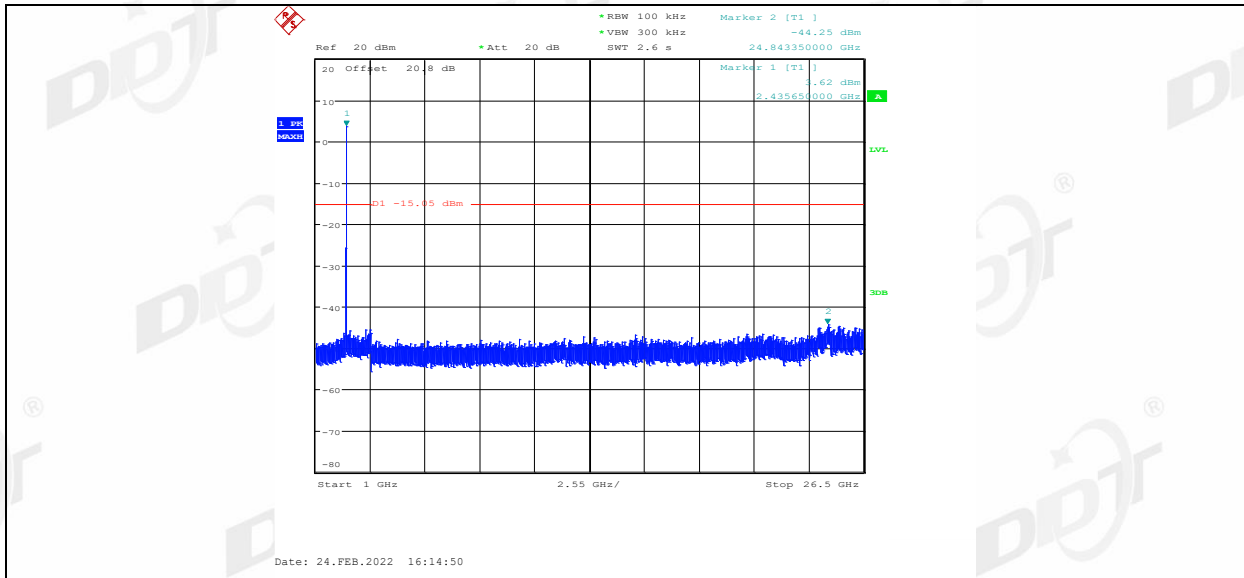
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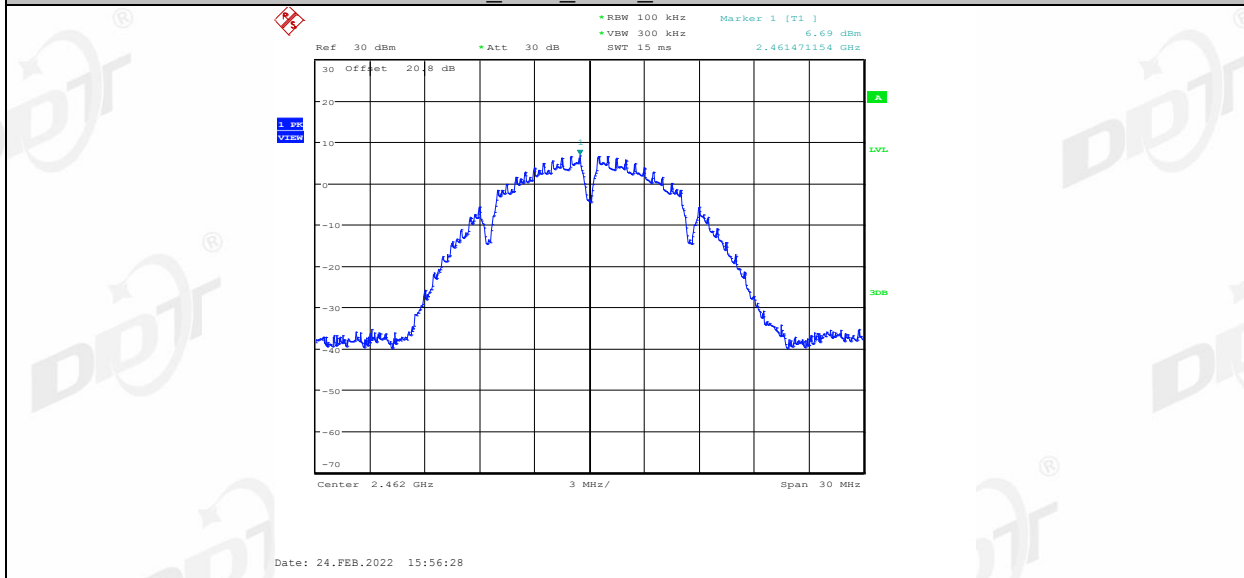
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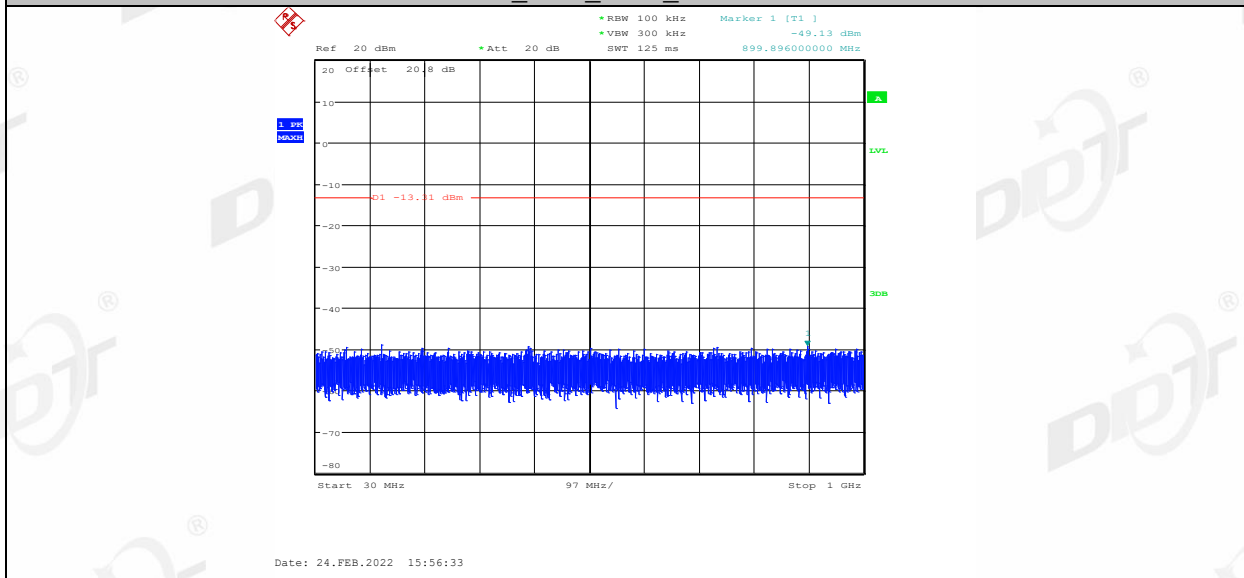
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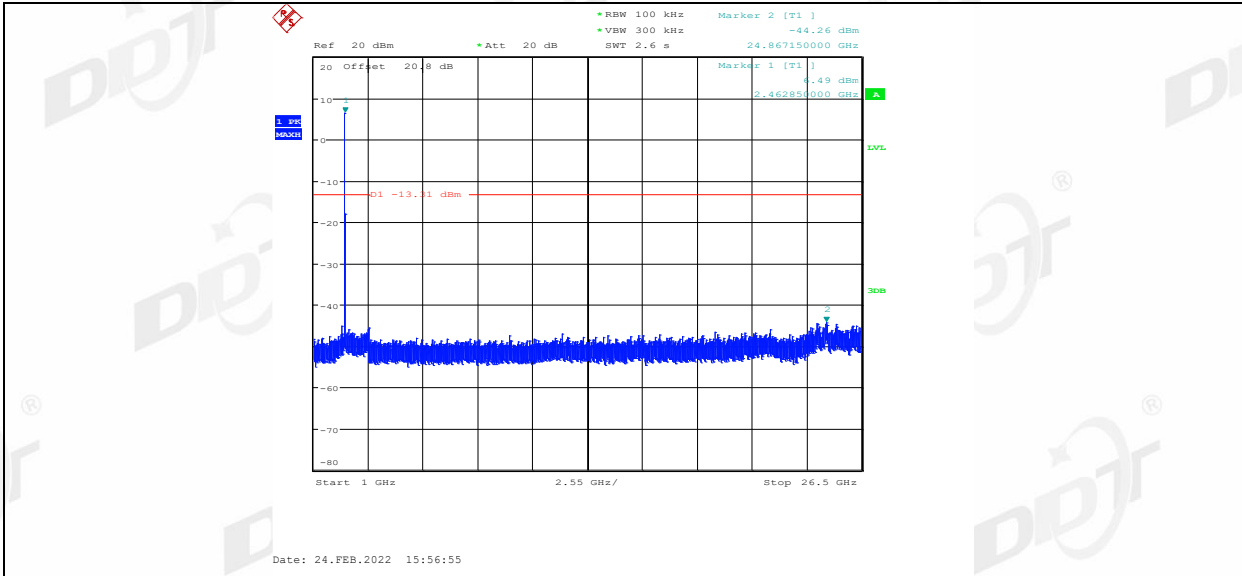
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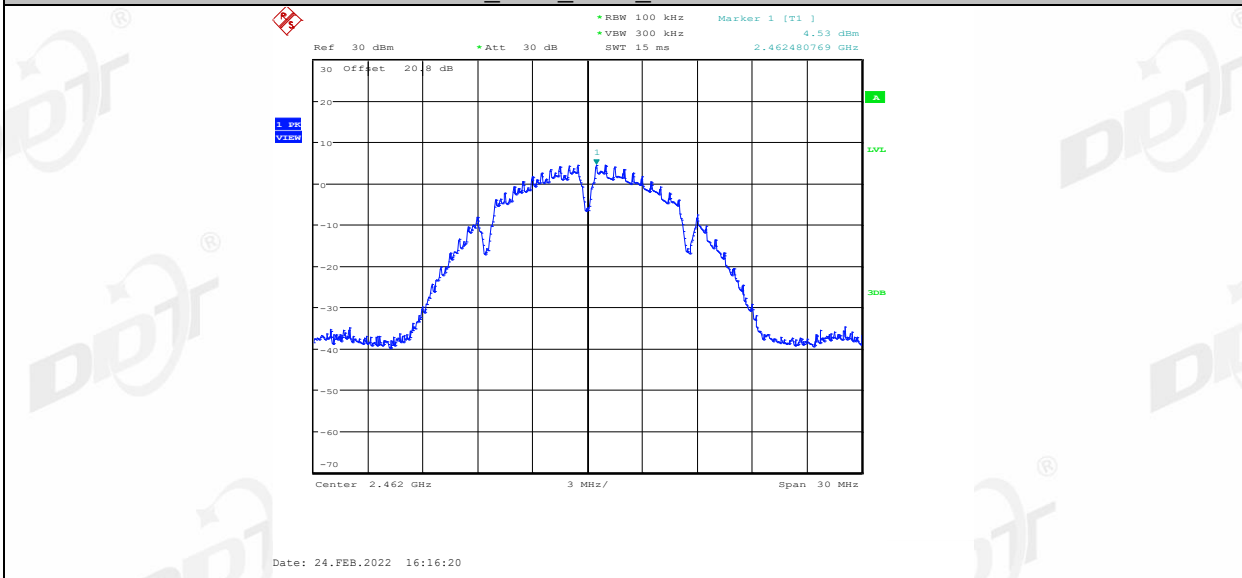
11B\_Ant1\_2462\_30~1000



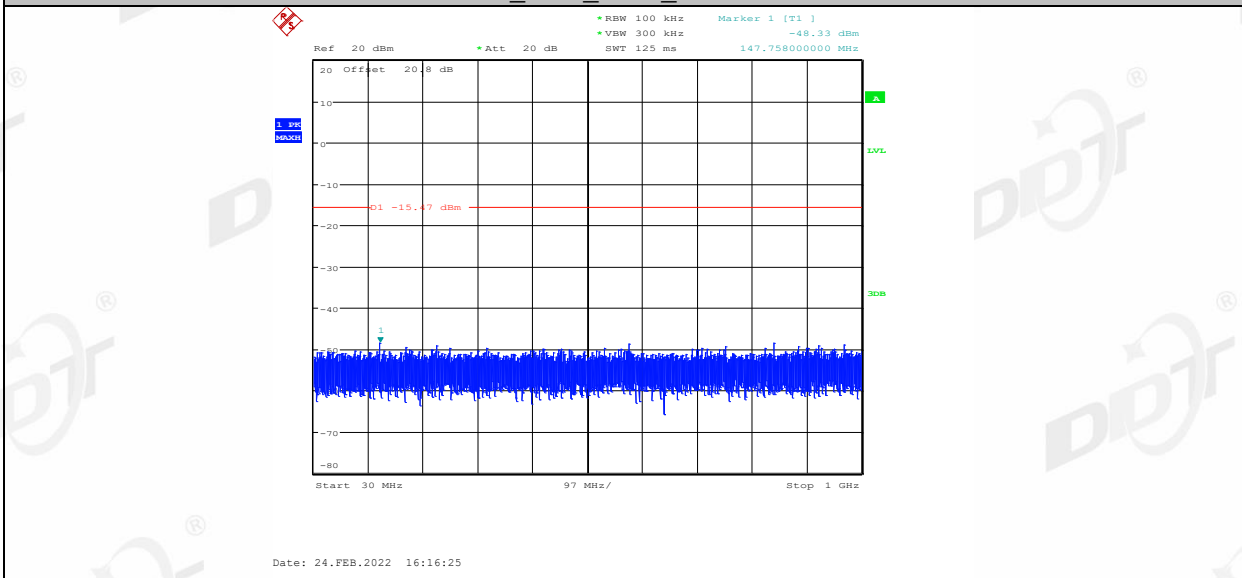
11B\_Ant1\_2462\_1000~26500



11B\_Ant2\_2462\_0-Reference

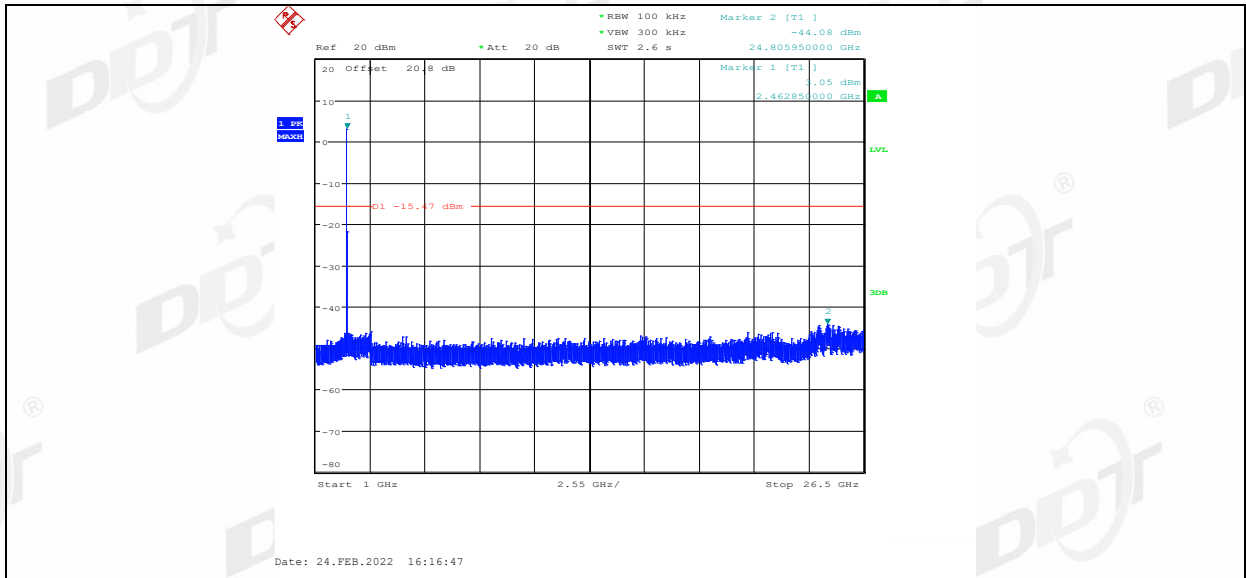


11B\_Ant2\_2462\_30~1000

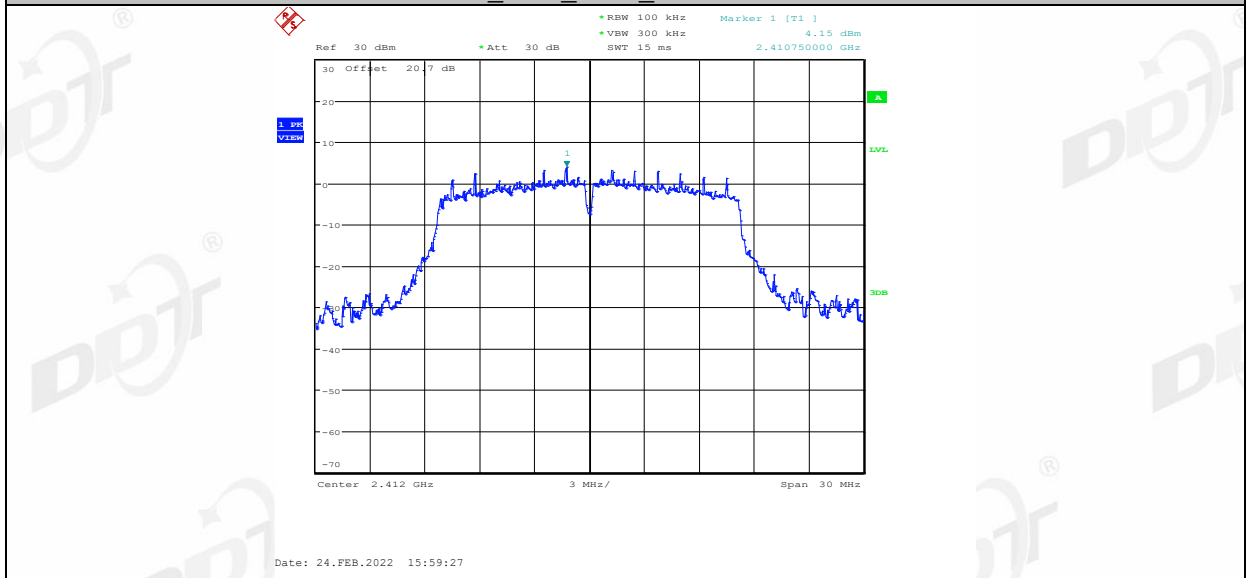


11B\_Ant2\_2462\_1000~26500

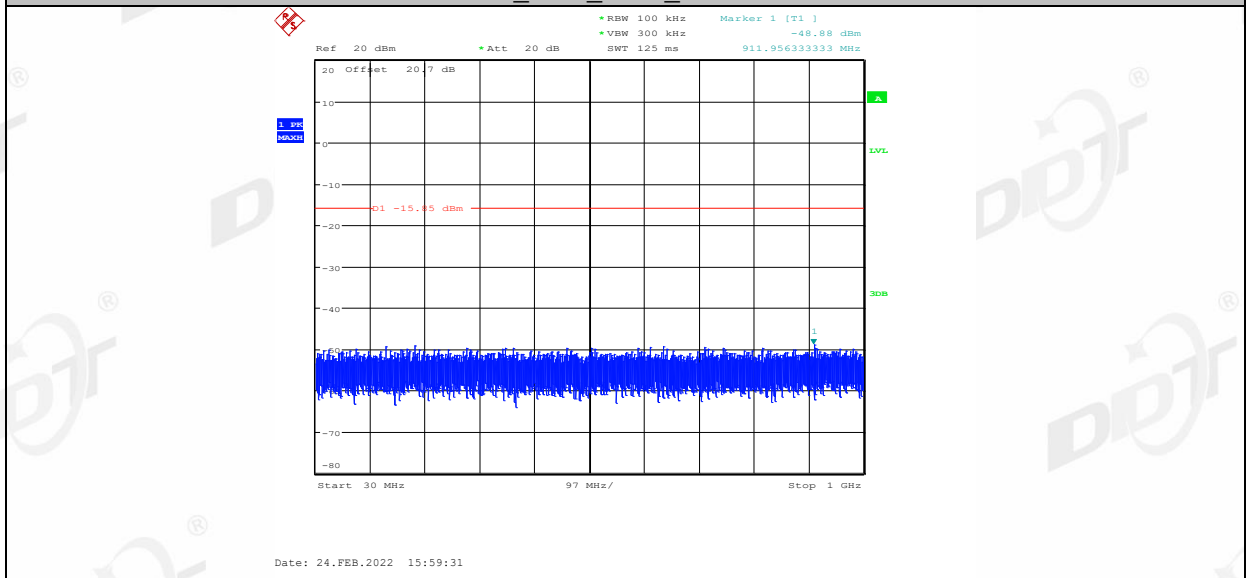




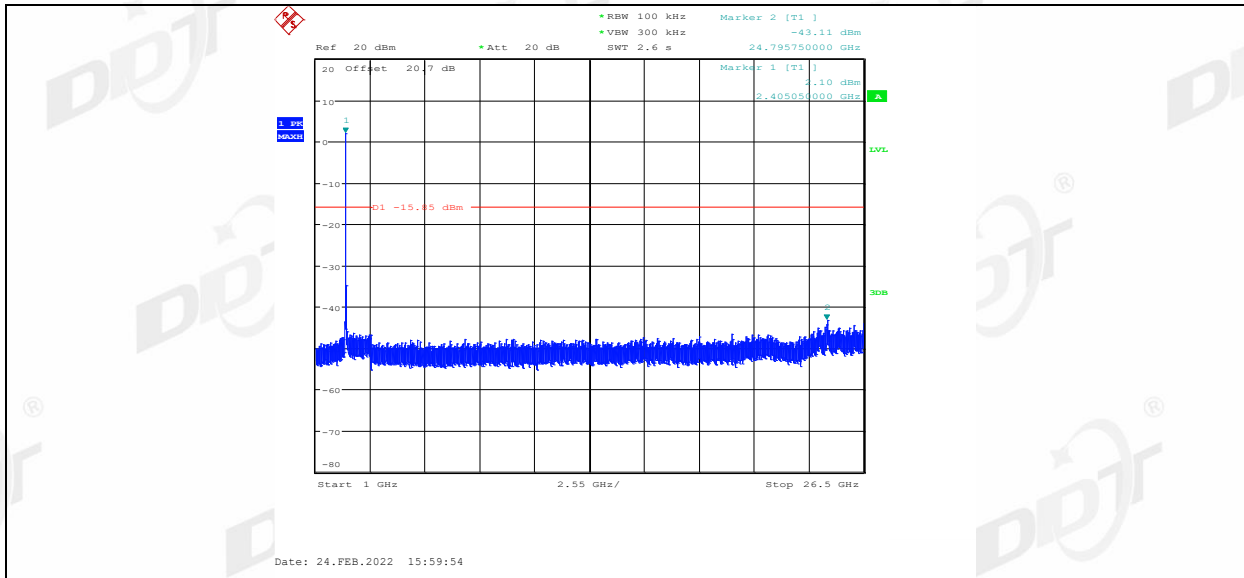
11G\_Ant1\_2412\_0~Reference



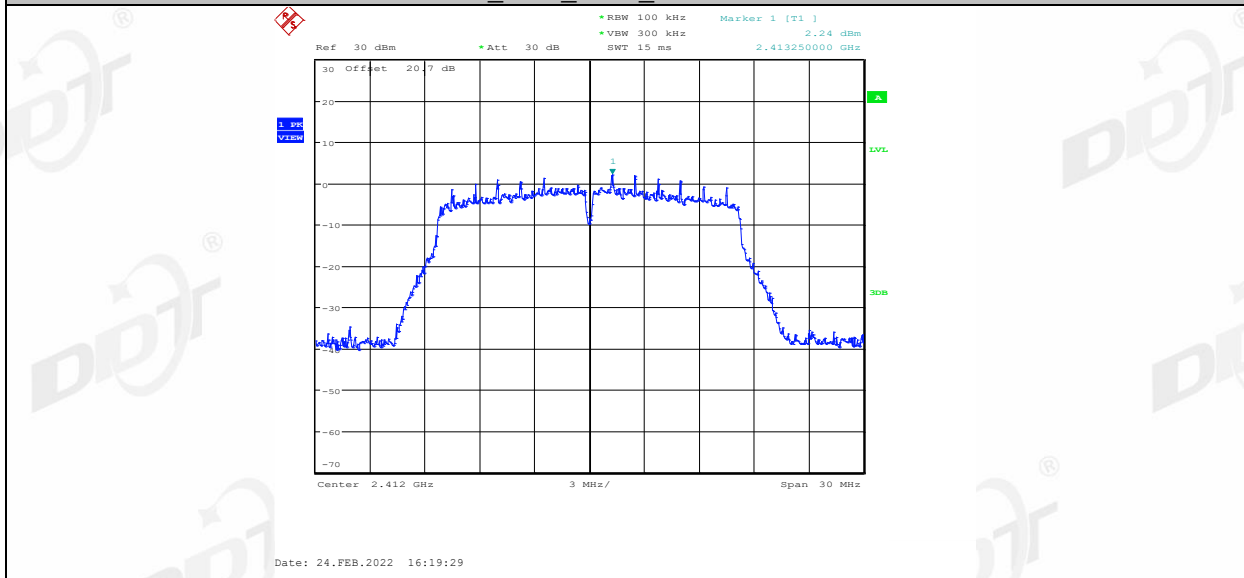
11G\_Ant1\_2412\_30~1000



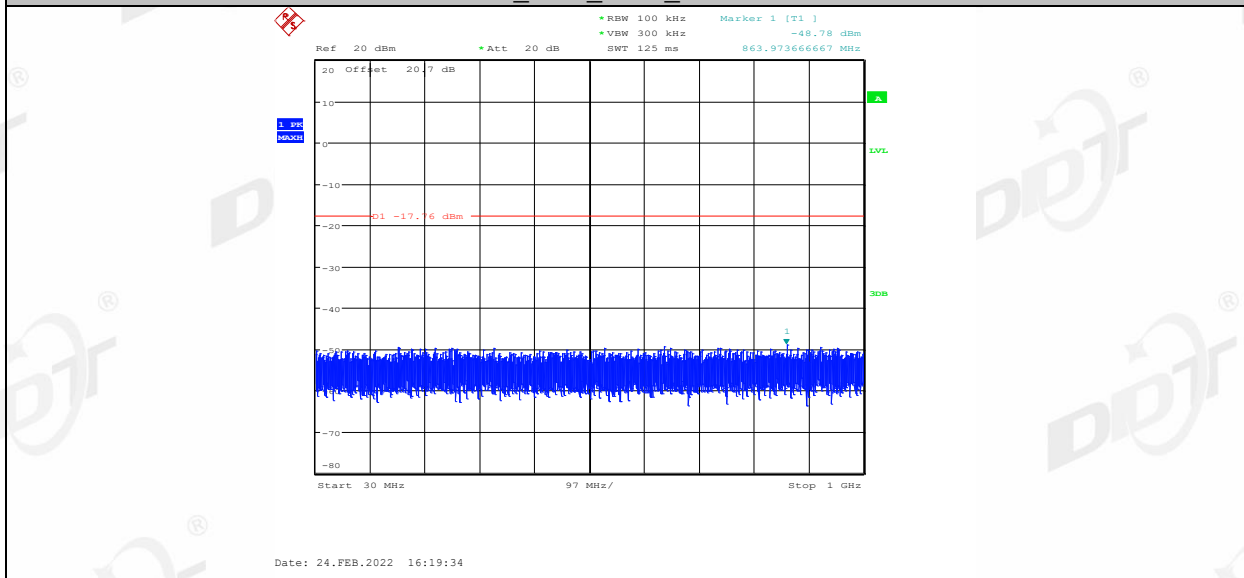
11G\_Ant1\_2412\_1000~26500



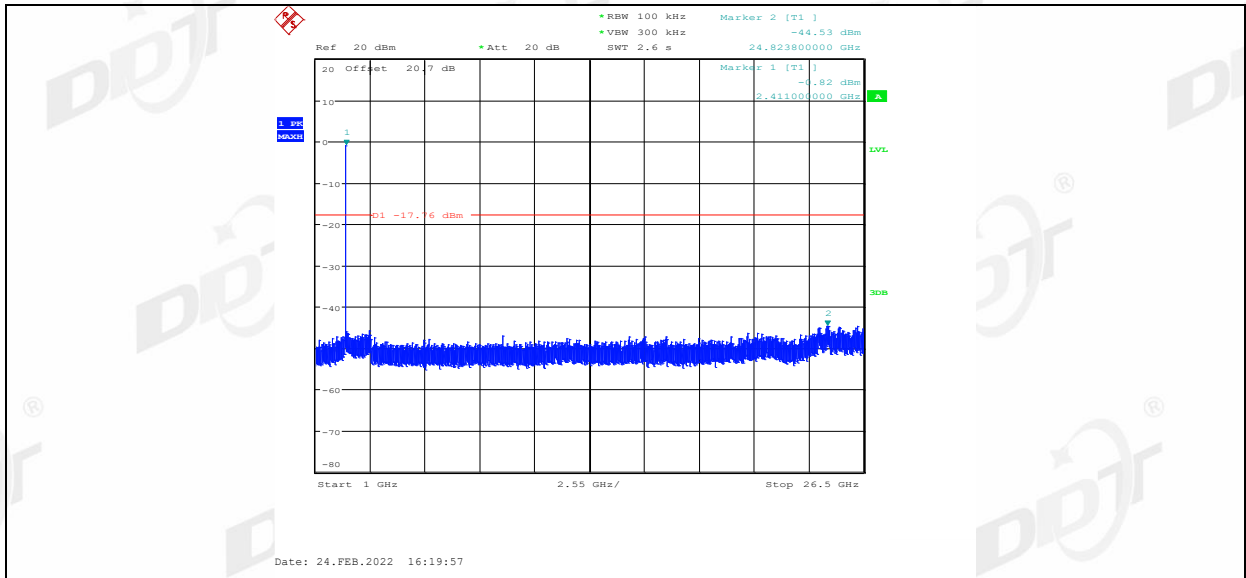
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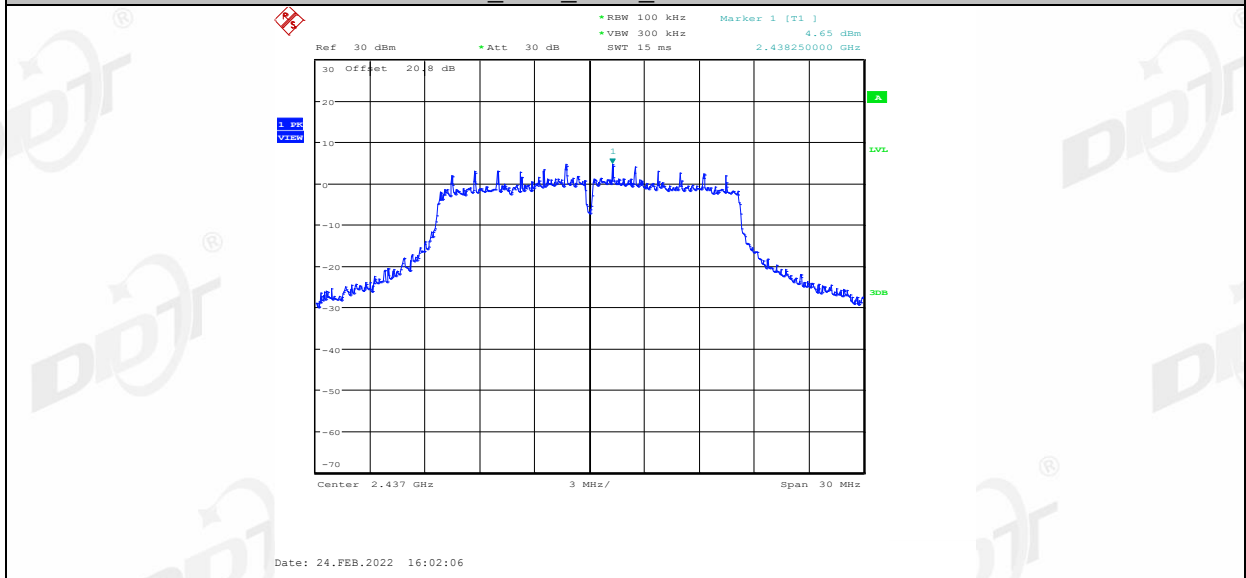
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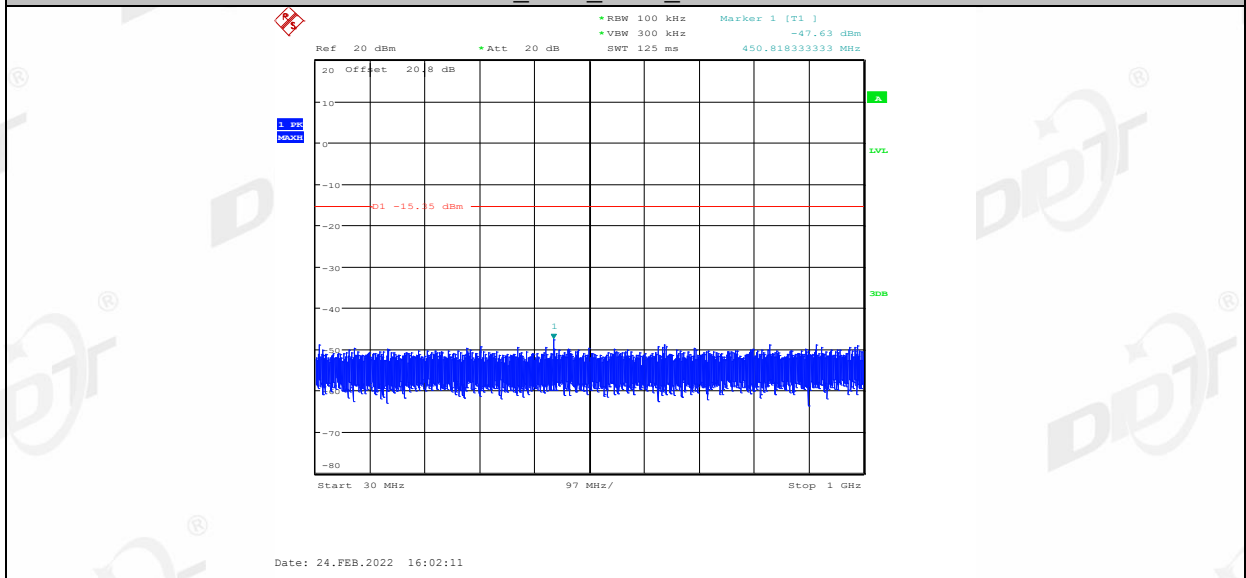
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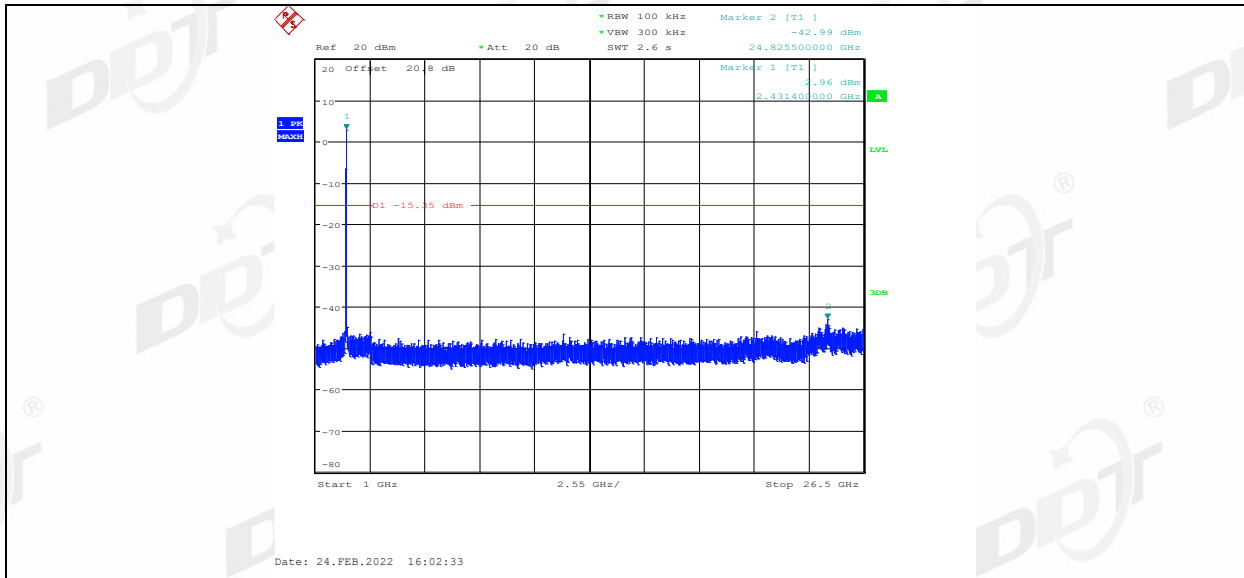
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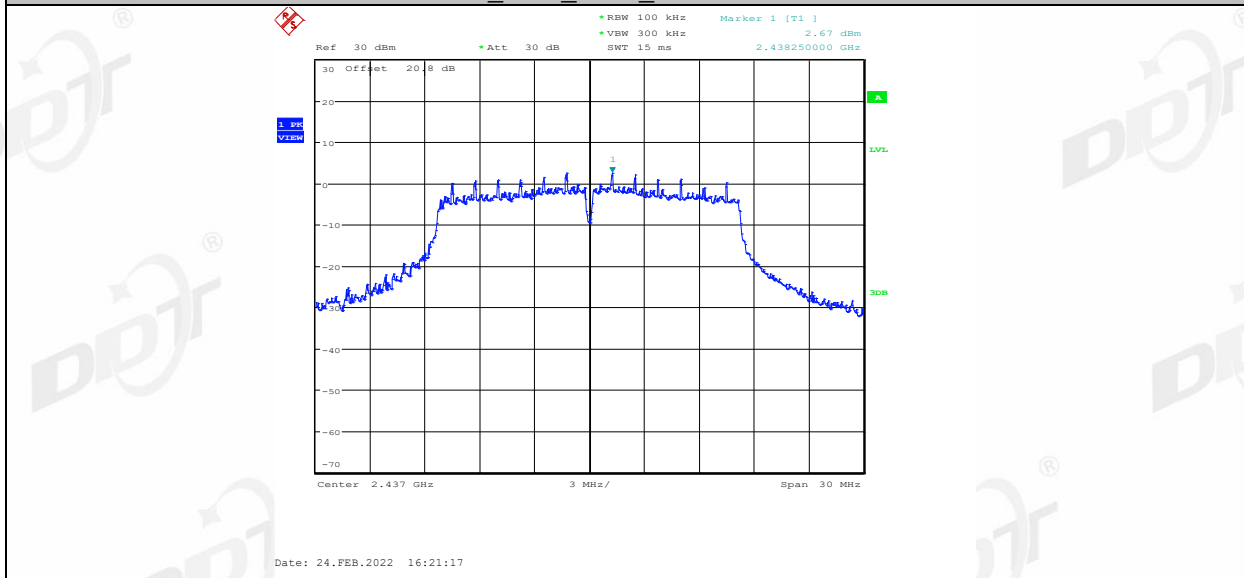
11G\_Ant1\_2437\_30~1000



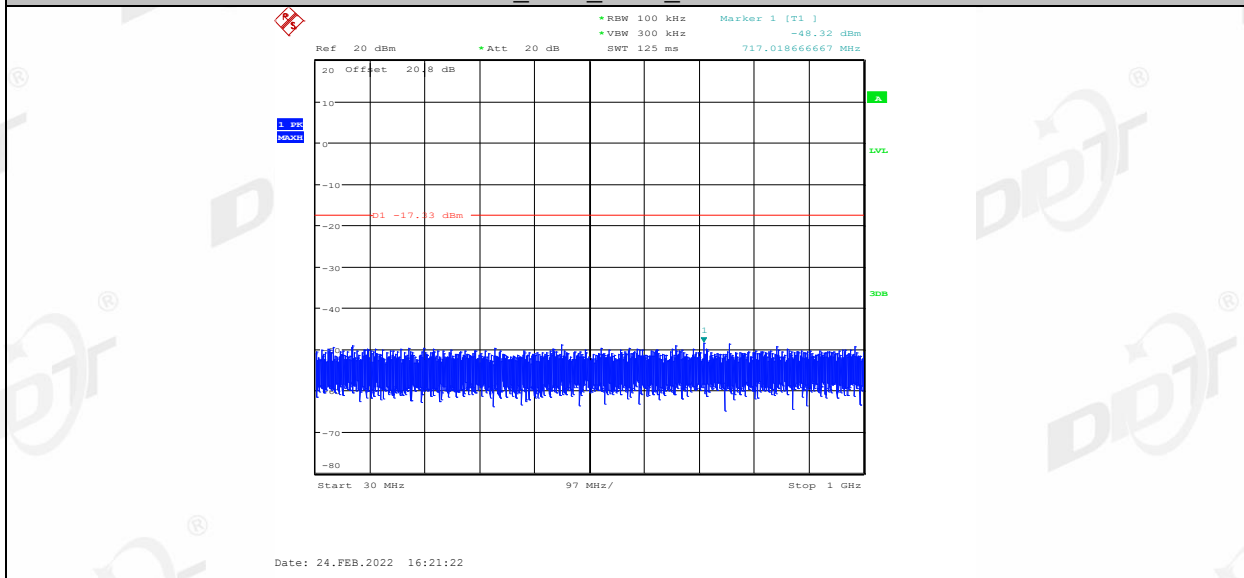
11G\_Ant1\_2437\_1000~26500



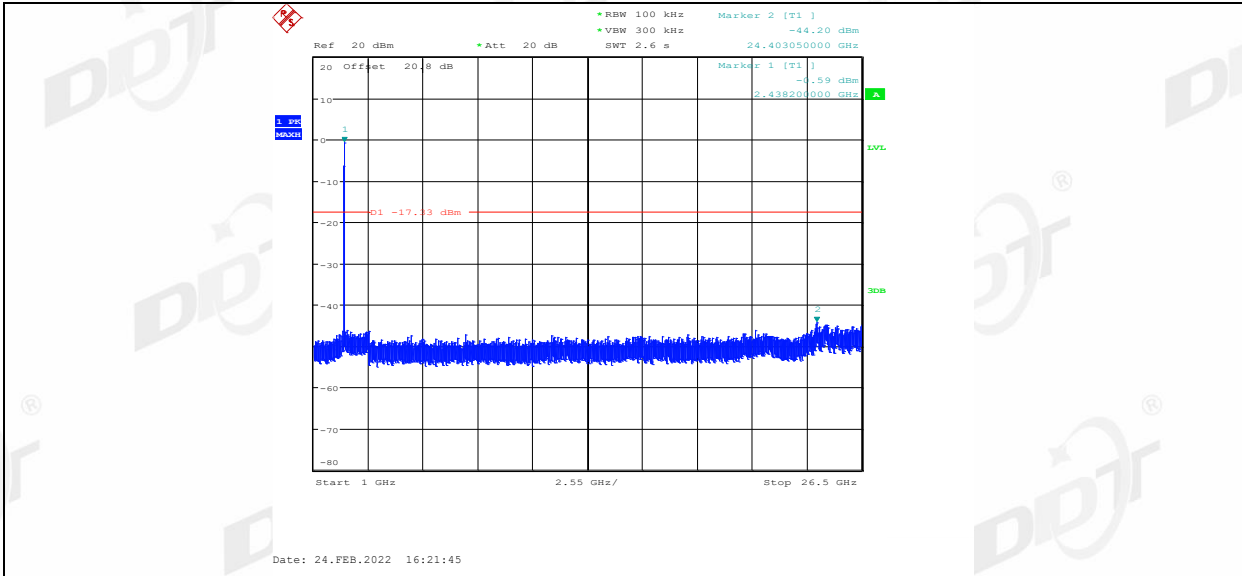
11G\_Ant2\_2437\_0~Reference



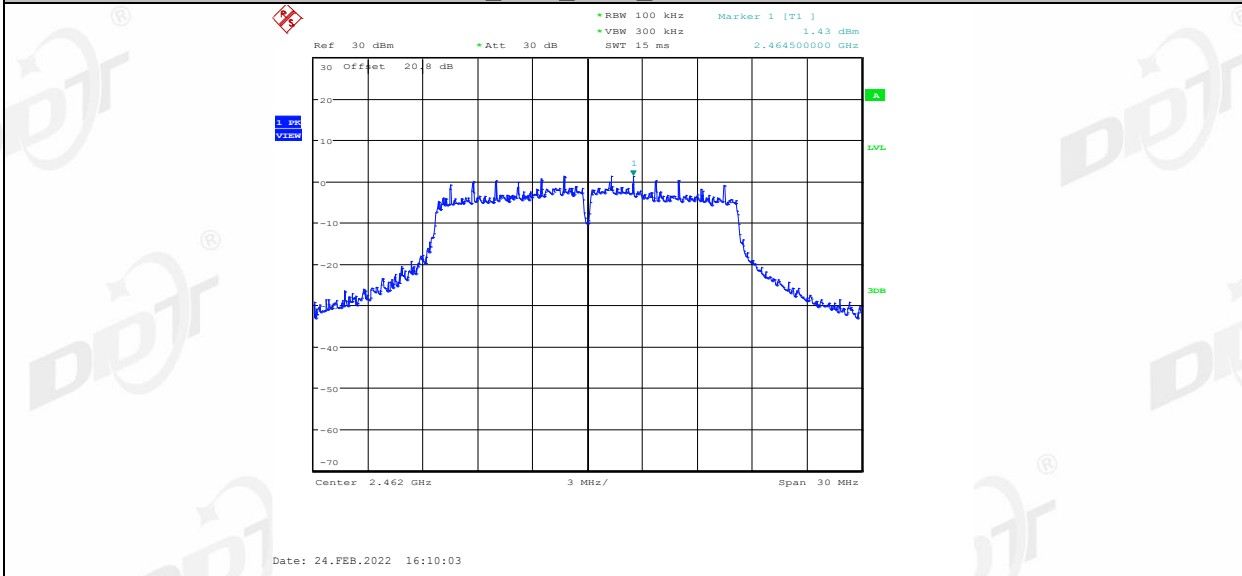
11G\_Ant2\_2437\_30~1000



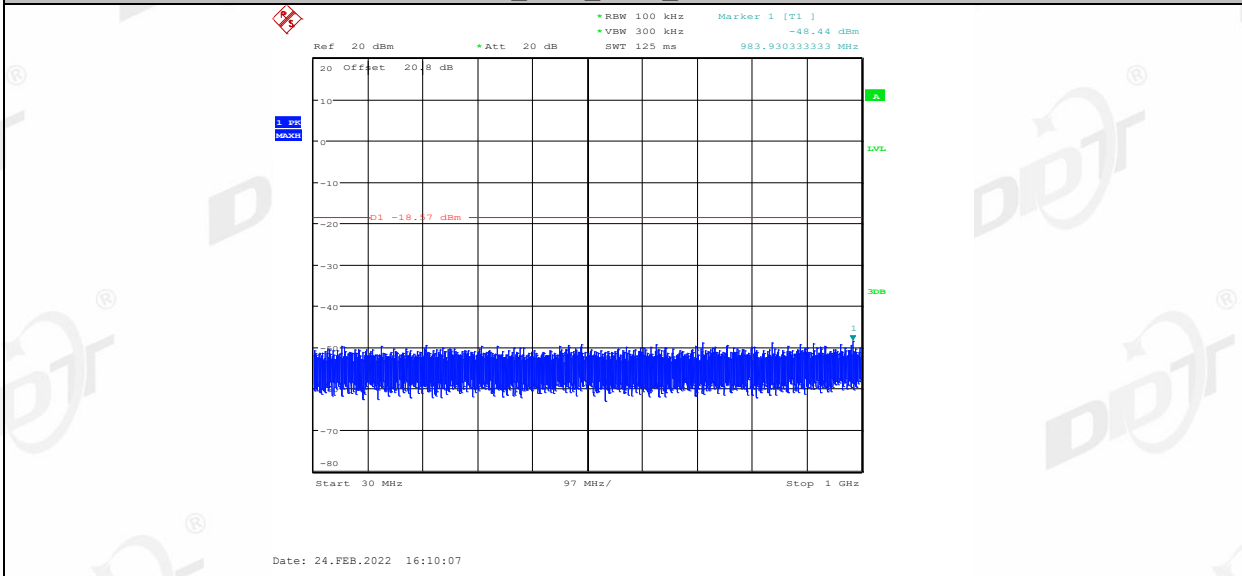
11G\_Ant2\_2437\_1000~26500



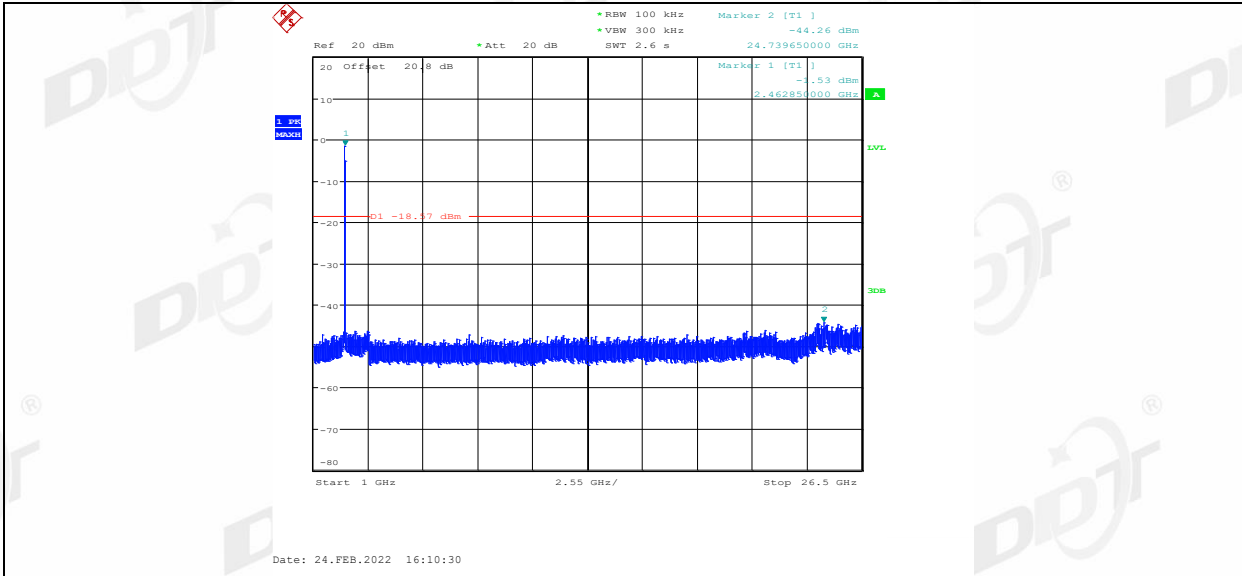
11G\_Ant1\_2462\_0~Reference



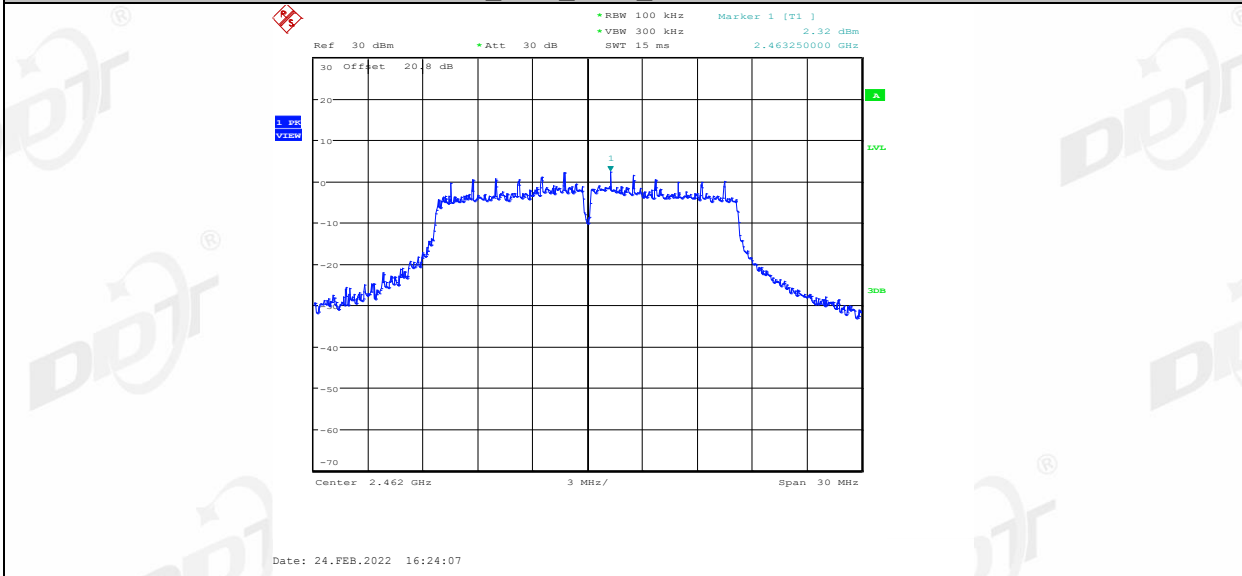
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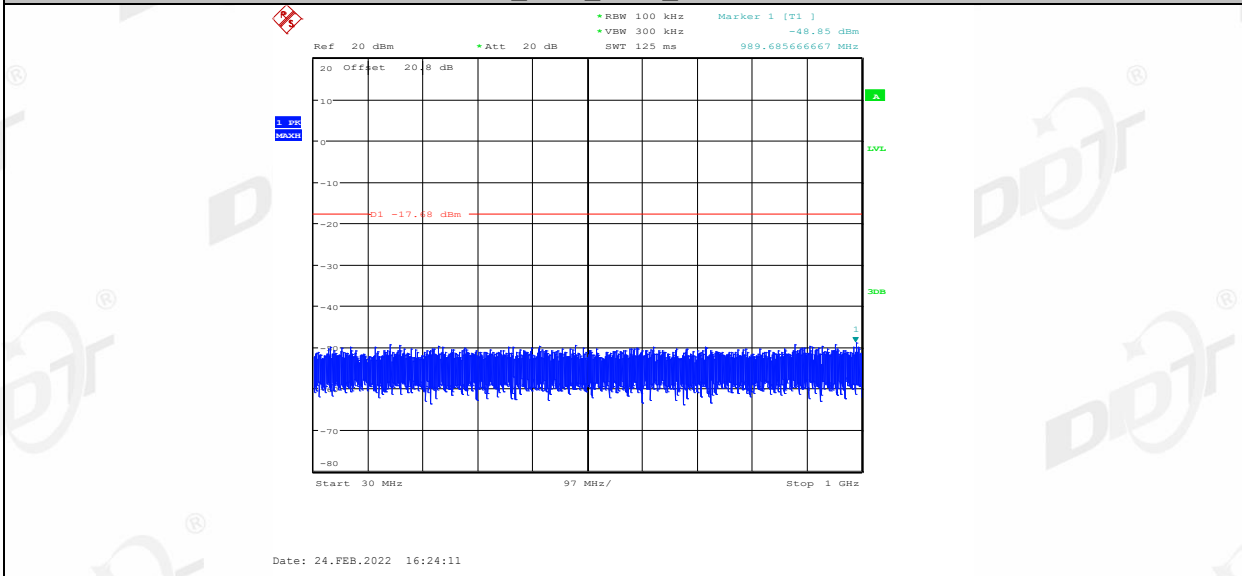
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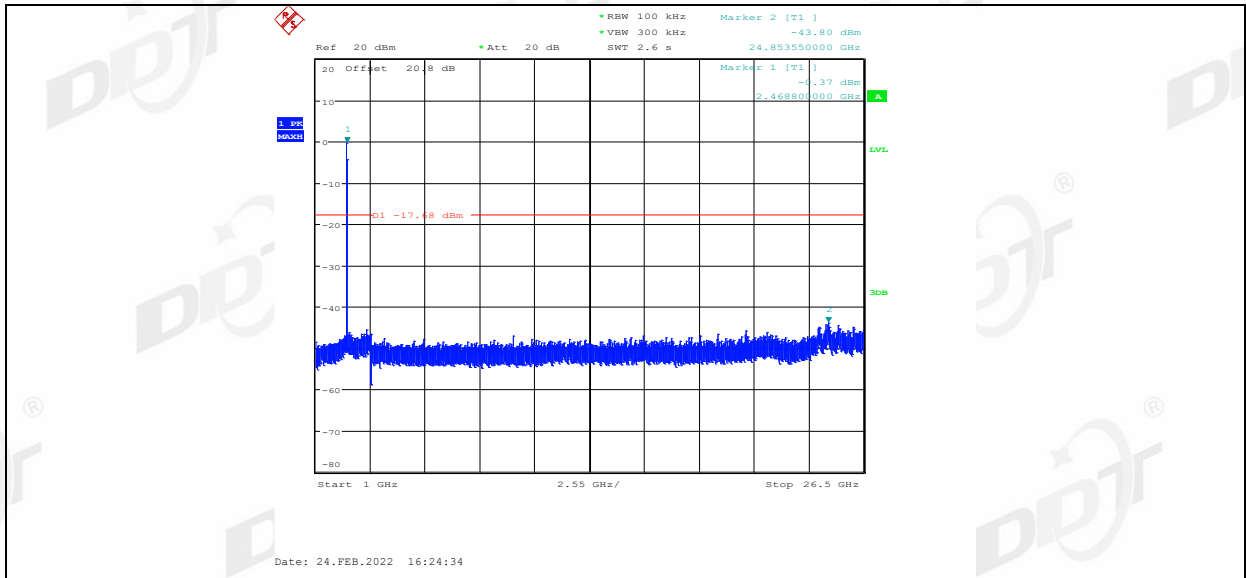
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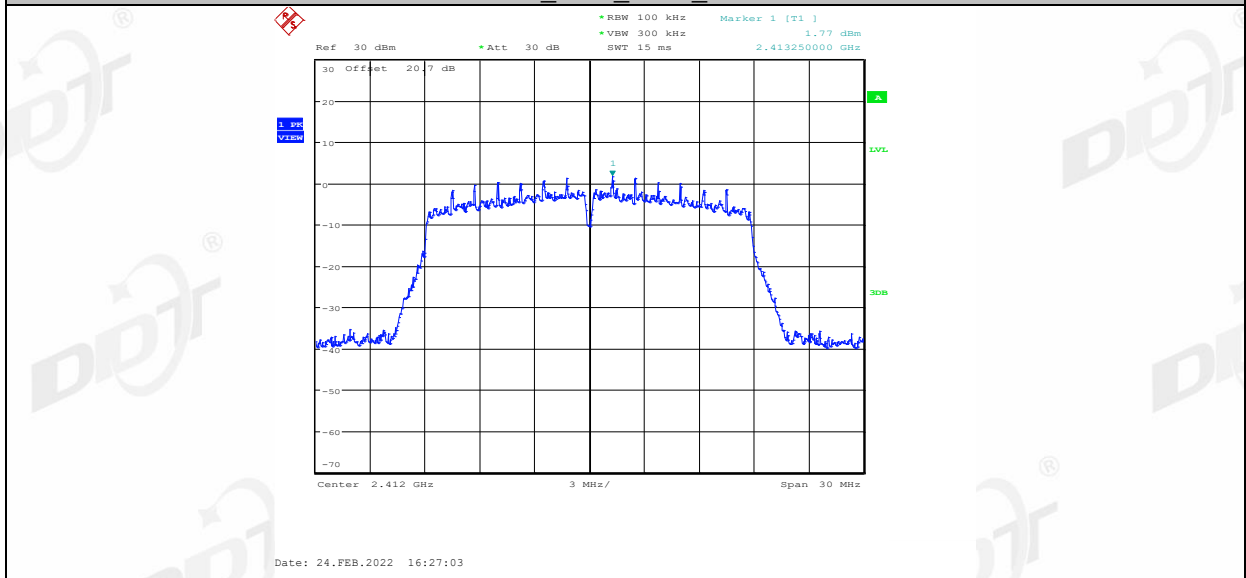
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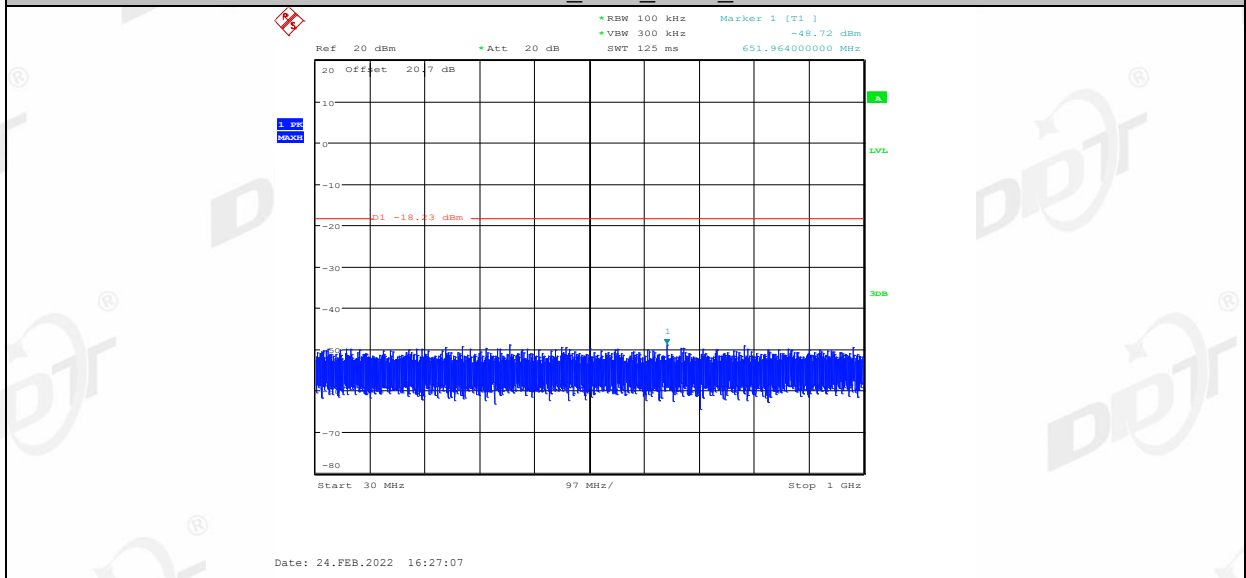
11G\_Ant2\_2462\_1000~26500



11N20MIMO\_Ant1\_2412\_0~Reference



11N20MIMO\_Ant1\_2412\_30~1000



11N20MIMO\_Ant1\_2412\_1000~26500