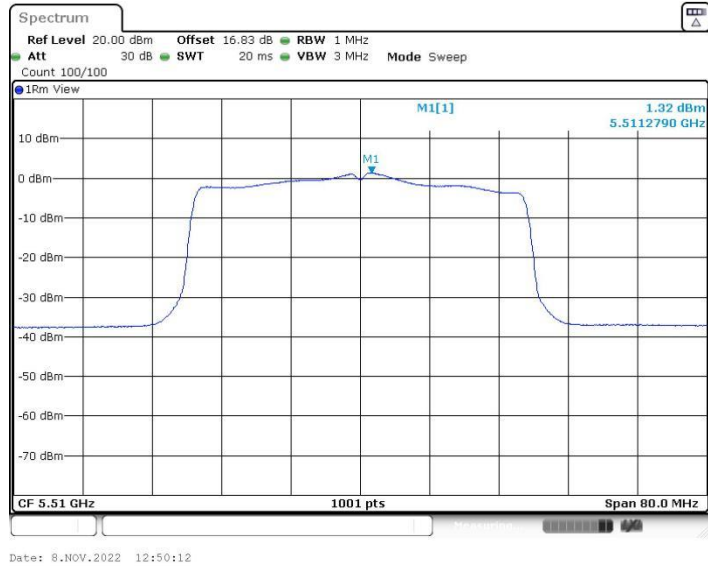
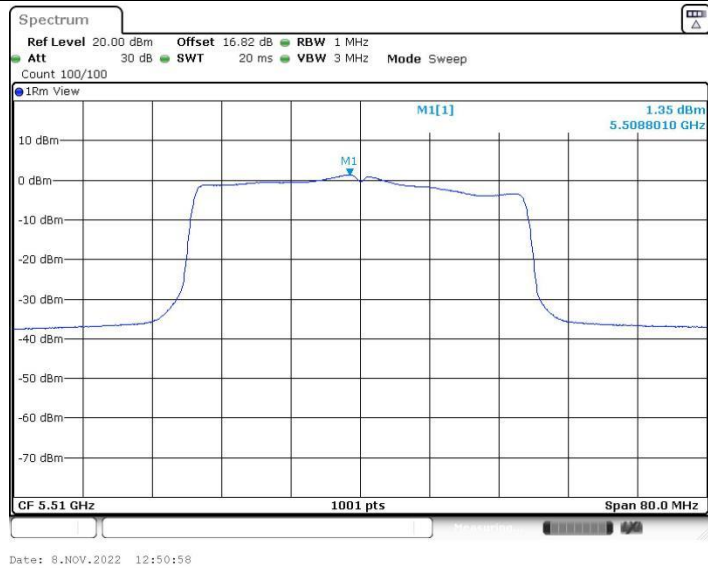




11AX40MIMO_Ant5_5510

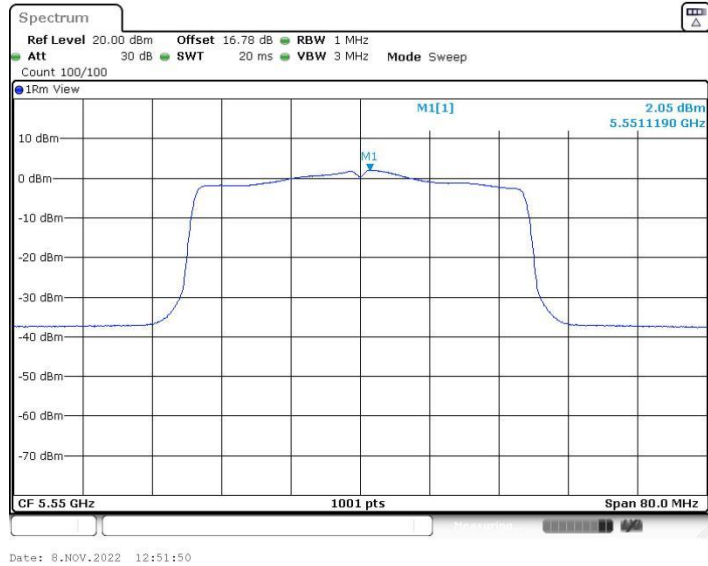


11AX40MIMO_Ant4_5510

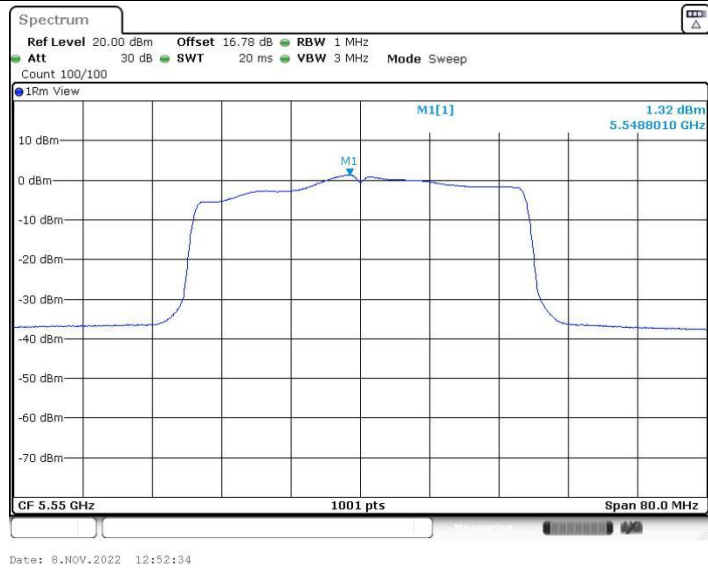




11AX40MIMO_Ant5_5550

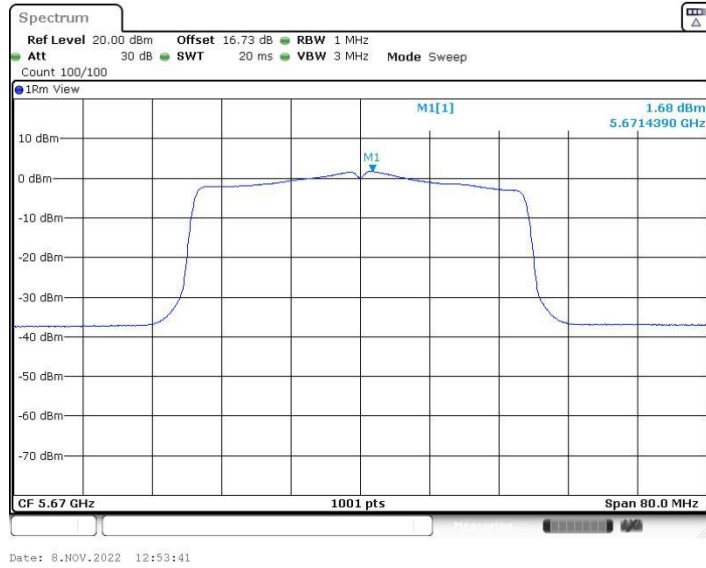


11AX40MIMO_Ant4_5550

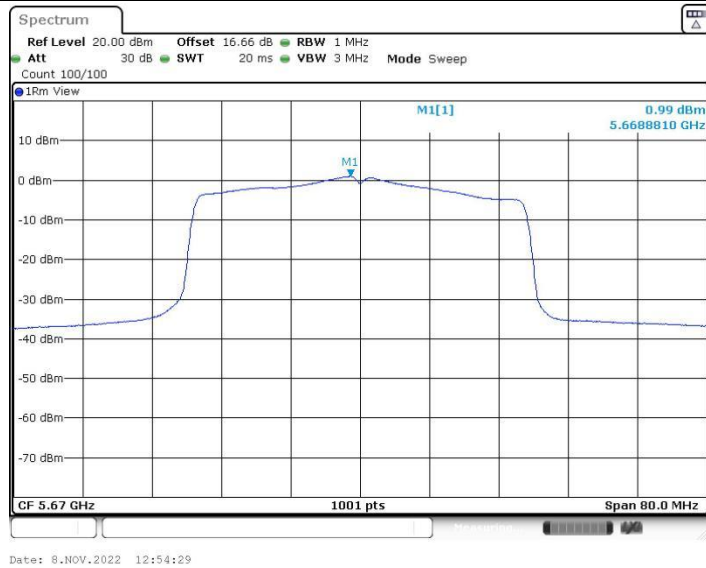




11AX40MIMO_Ant5_5670

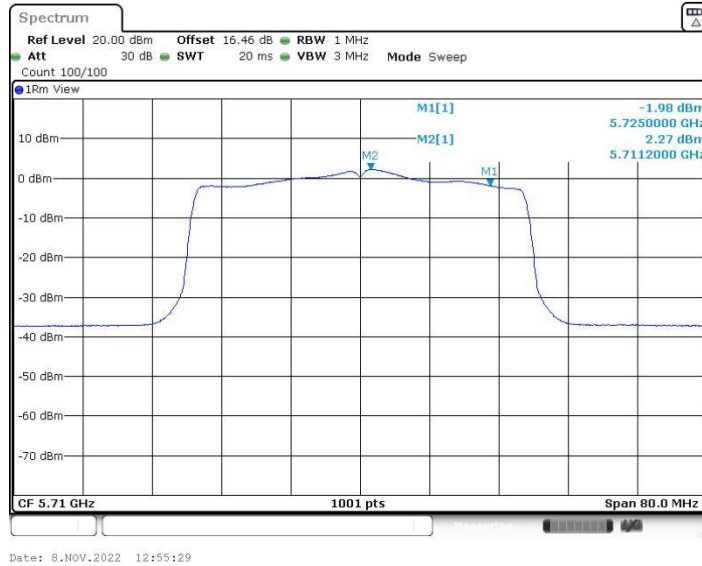


11AX40MIMO_Ant4_5670





11AX40MIMO_Ant5_5710_UNII-2C

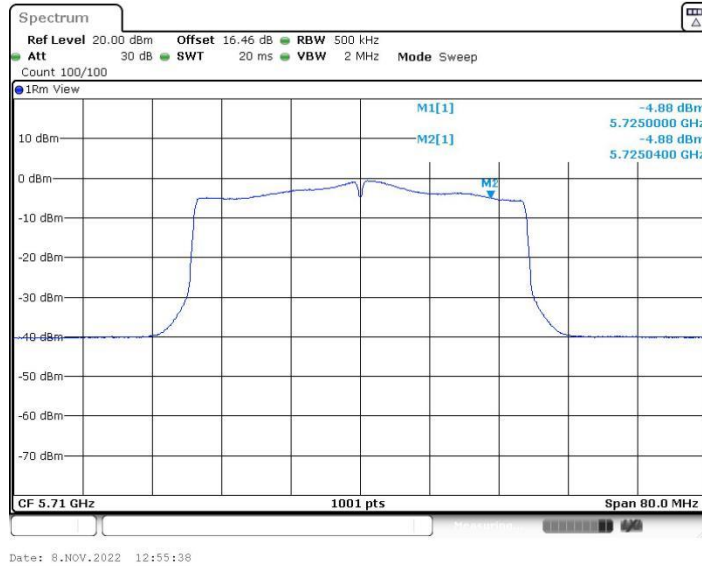


11AX40MIMO_Ant4_5710_UNII-2C

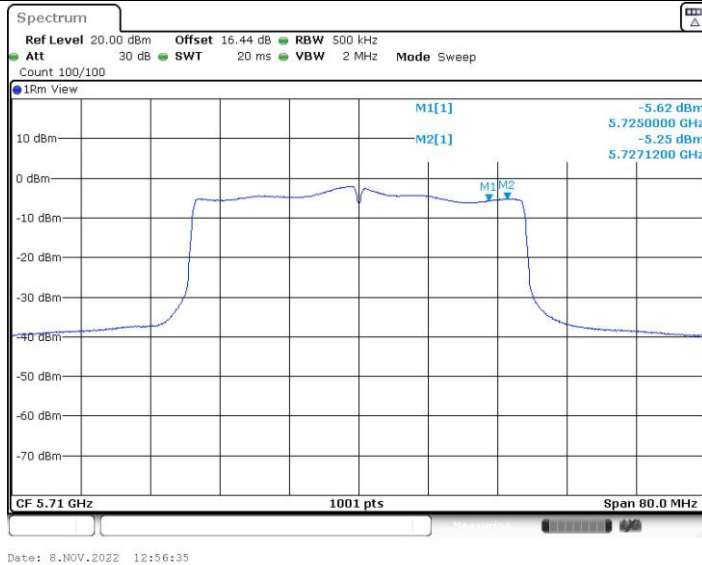




11AX40MIMO_Ant5_5710_UNII-3

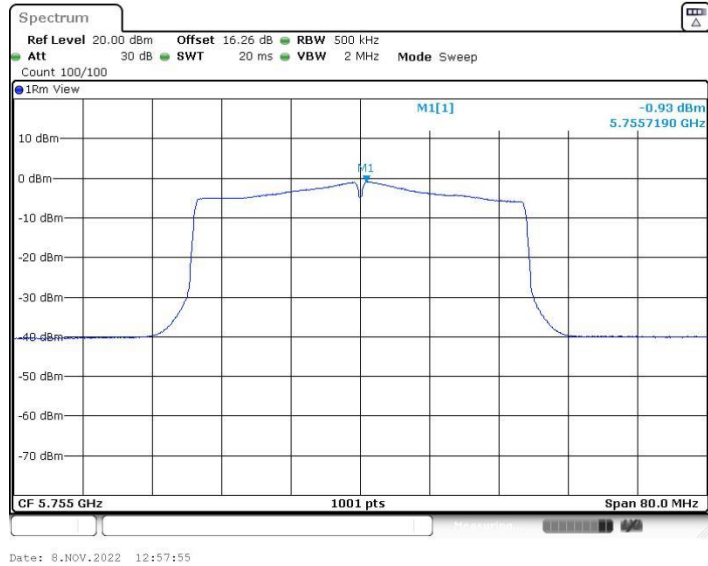


11AX40MIMO_Ant4_5710_UNII-3

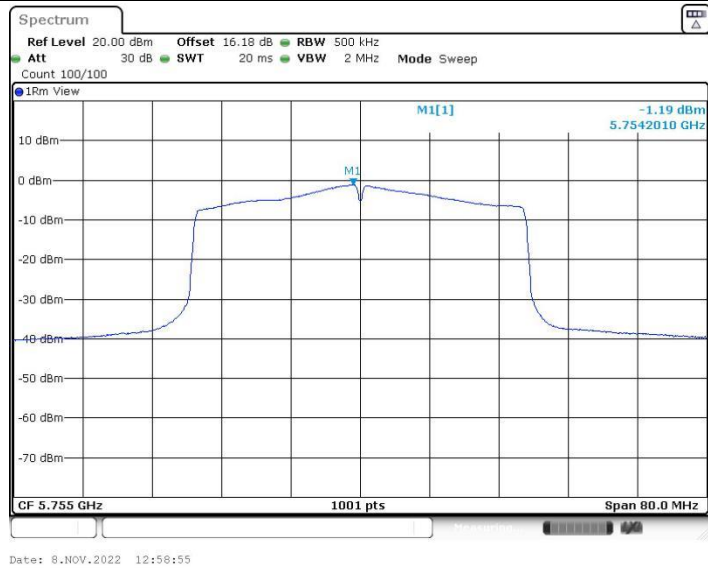




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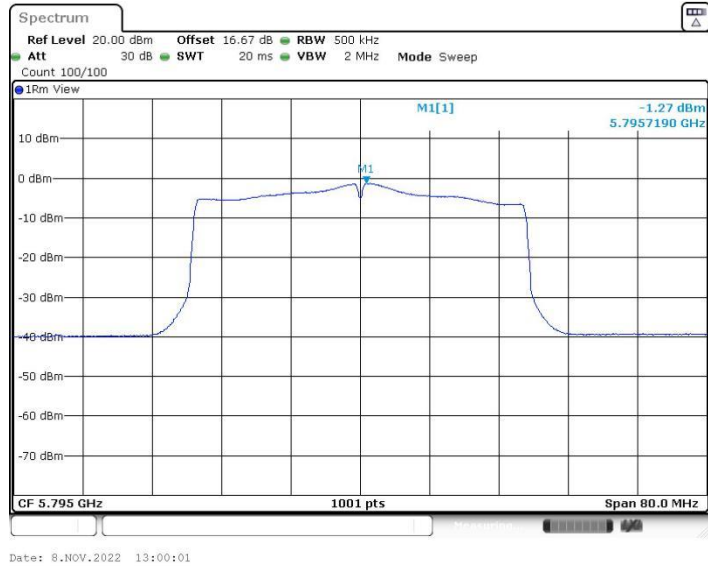


11AX40MIMO_Ant4_5755

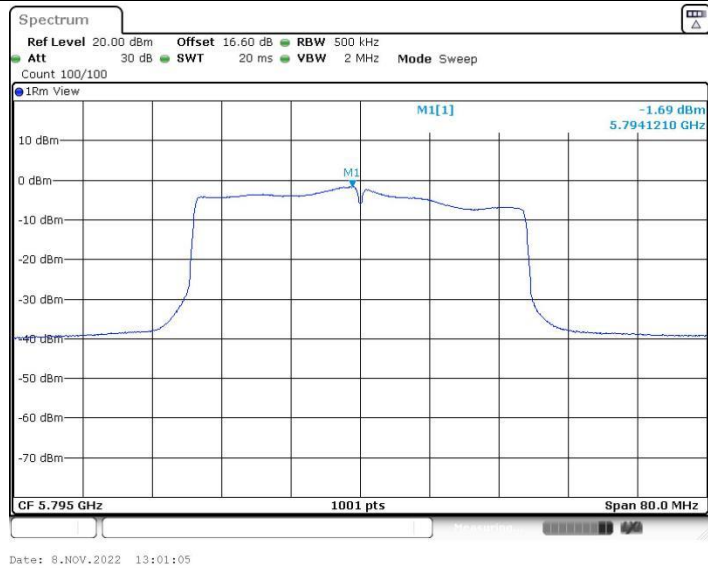




11AX40MIMO_Ant5_5795



11AX40MIMO_Ant4_5795





Spectrum

Ref Level 20.00 dBm Offset 17.30 dB RBW 1 MHz
 Att 30 dB SWT 20 ms VBW 3 MHz Mode Sweep
 Count 100/100

1Rm View

M1[1]

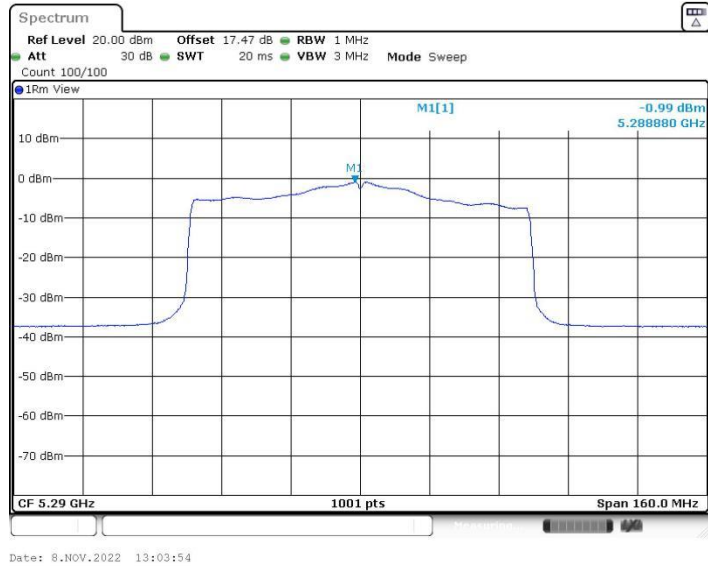
0.07 dBm
 5.208720 GHz

CF 5.21 GHz 1001 pts Span 160.0 MHz

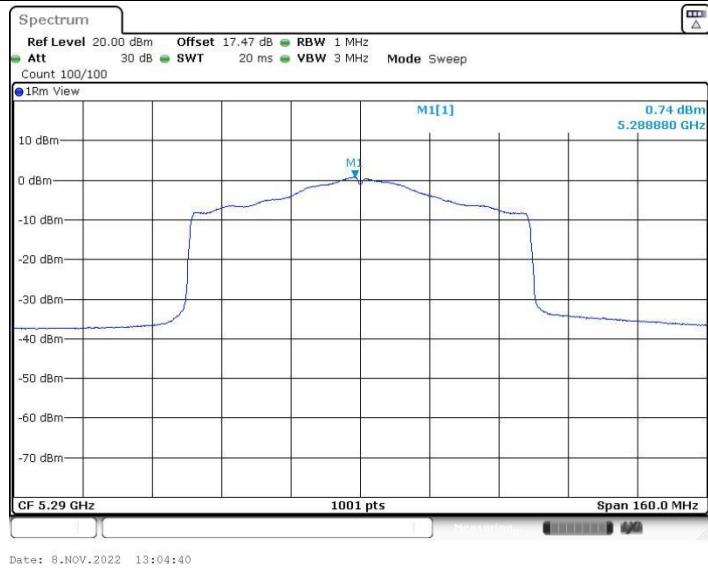
Date: 8.NOV.2022 13:19:53



11AX80MIMO_Ant5_5290

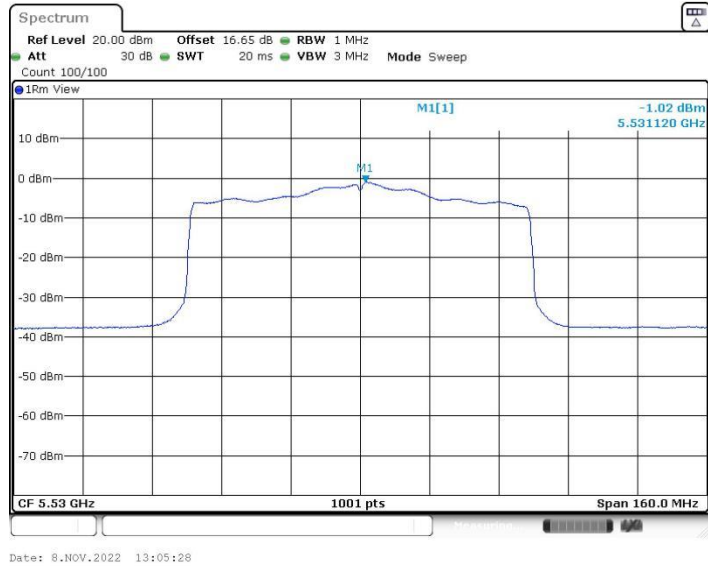


11AX80MIMO_Ant4_5290

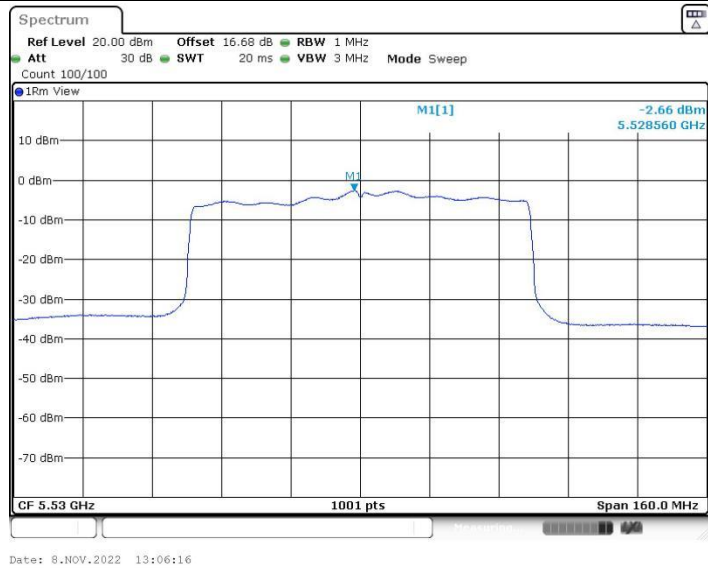




11AX80MIMO_Ant5_5530

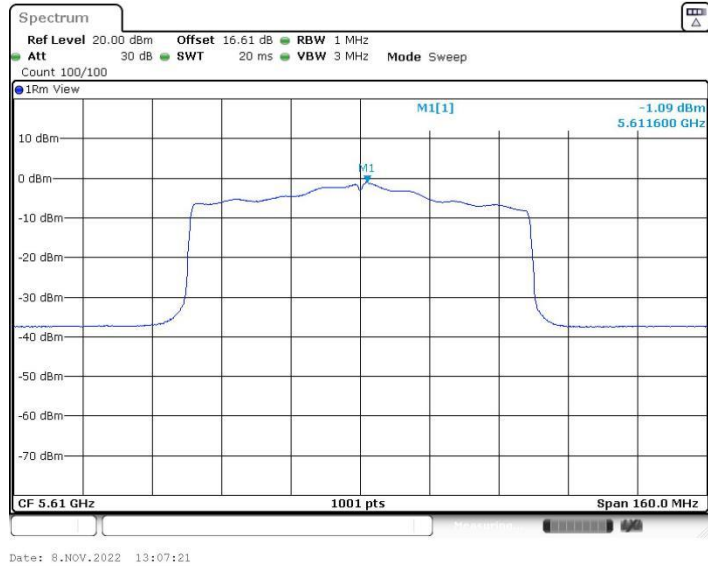


11AX80MIMO_Ant4_5530

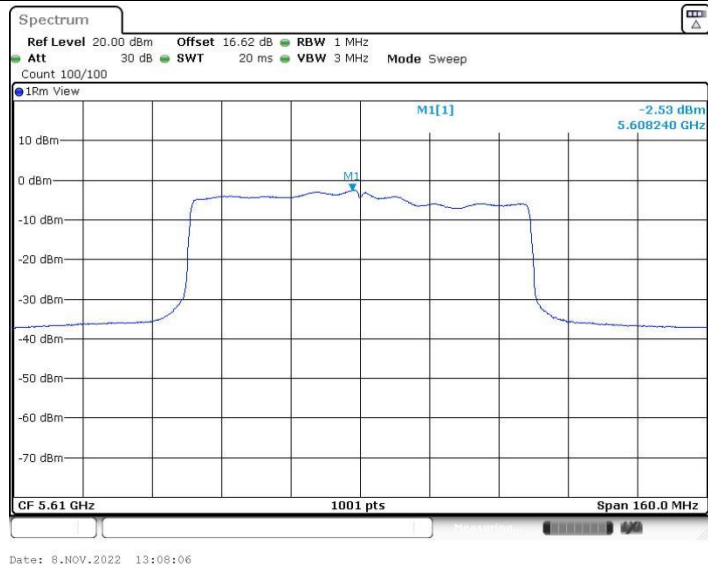




11AX80MIMO_Ant5_5610

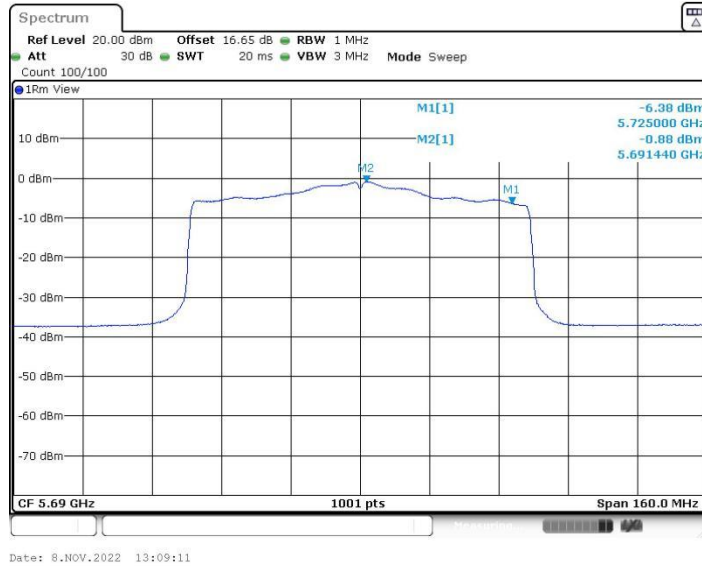


11AX80MIMO_Ant4_5610

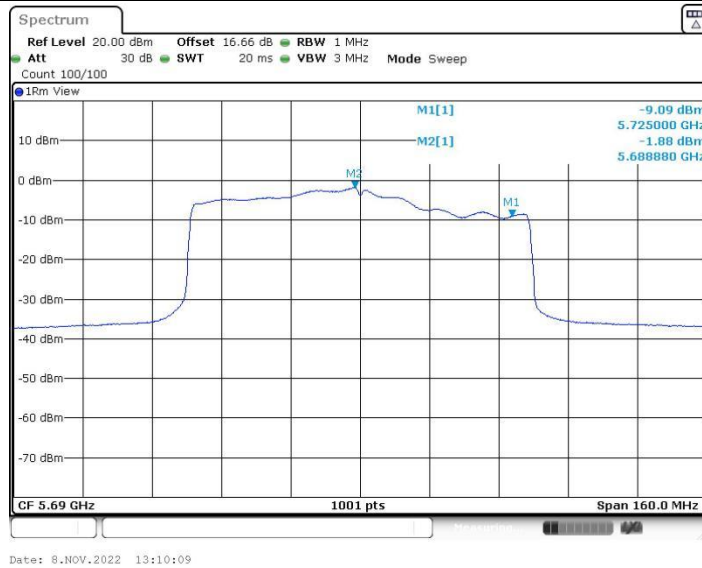




11AX80MIMO_Ant5_5690_UNII-2C

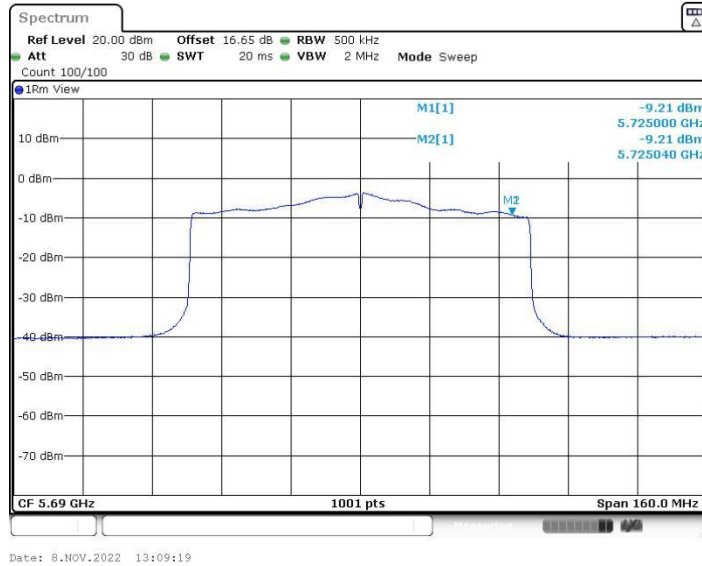


11AX80MIMO_Ant4_5690_UNII-2C





11AX80MIMO_Ant5_5690_UNII-3

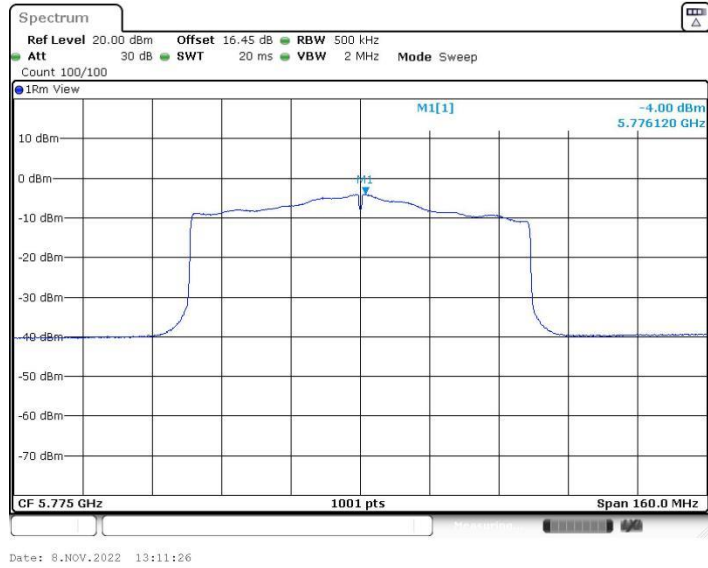


11AX80MIMO_Ant4_5690_UNII-3

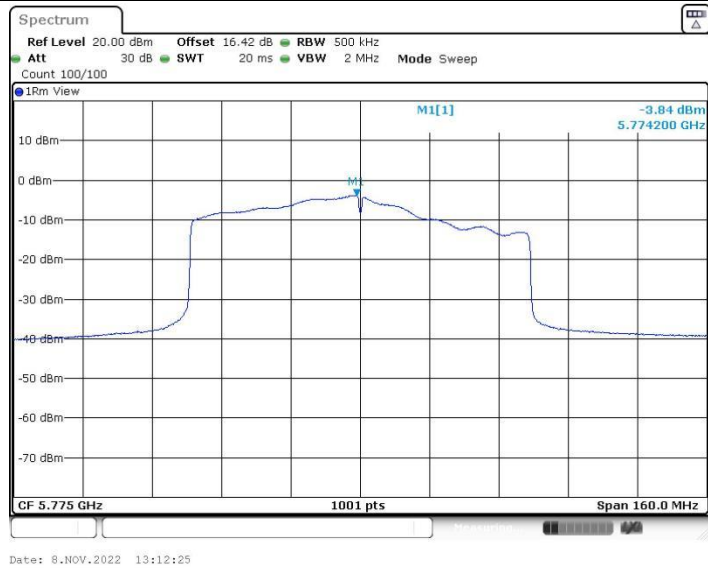




11AX80MIMO_Ant5_5775

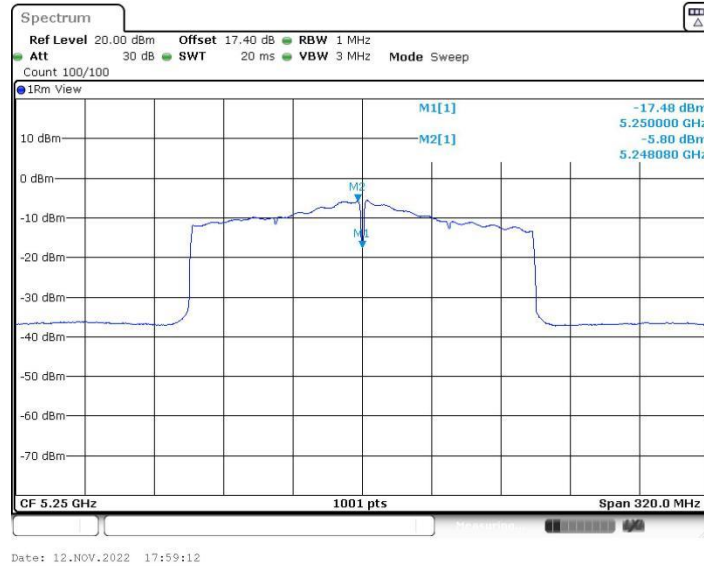


11AX80MIMO_Ant4_5775

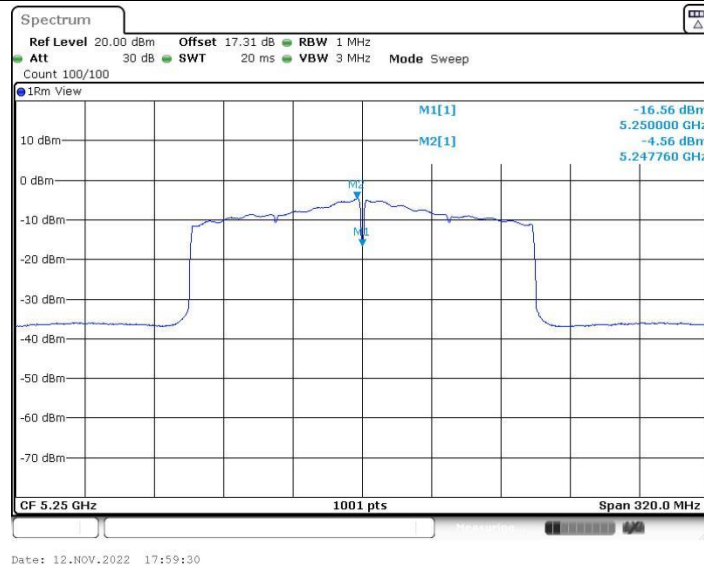




11AX160MIMO_Ant5_5250_UNII-1

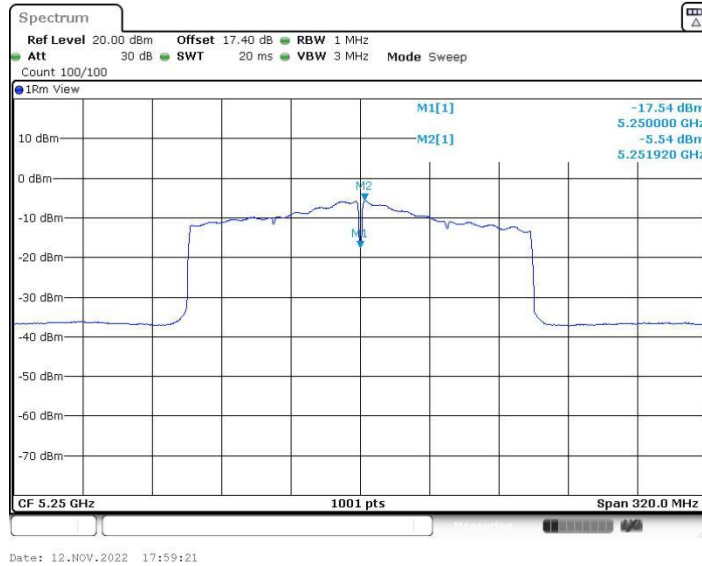


11AX160MIMO_Ant4_5250_UNII-1

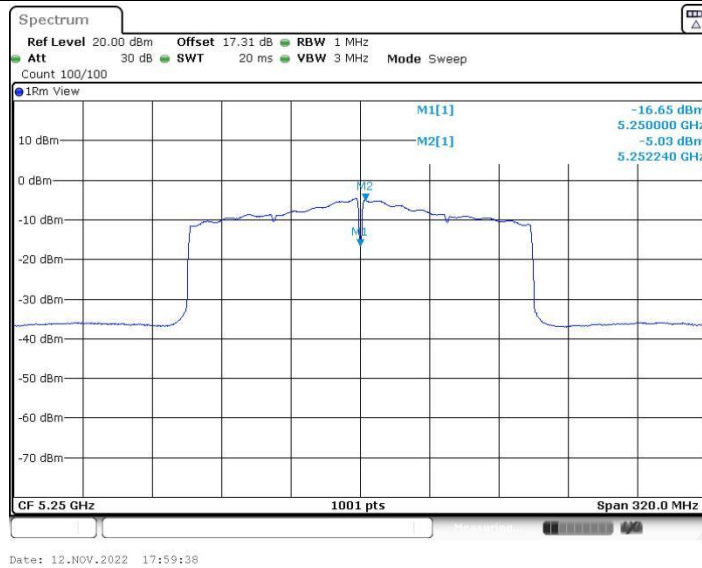




11AX160MIMO_Ant5_5250_UNII-2A

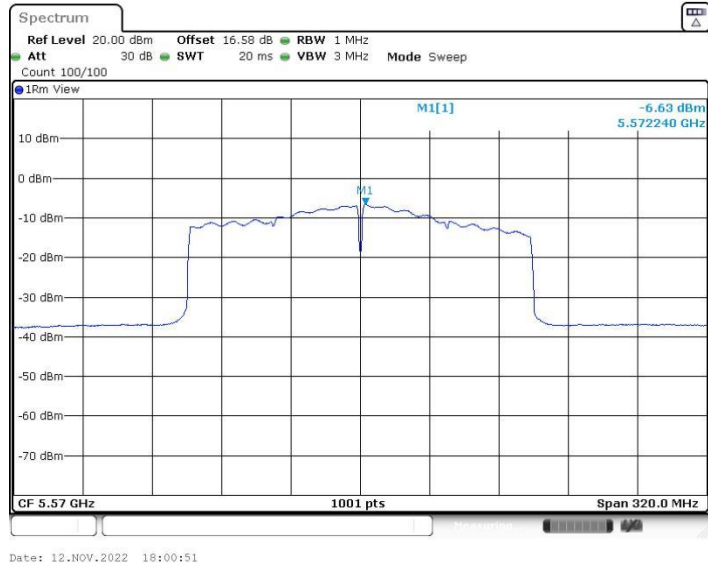


11AX160MIMO_Ant4_5250_UNII-2A

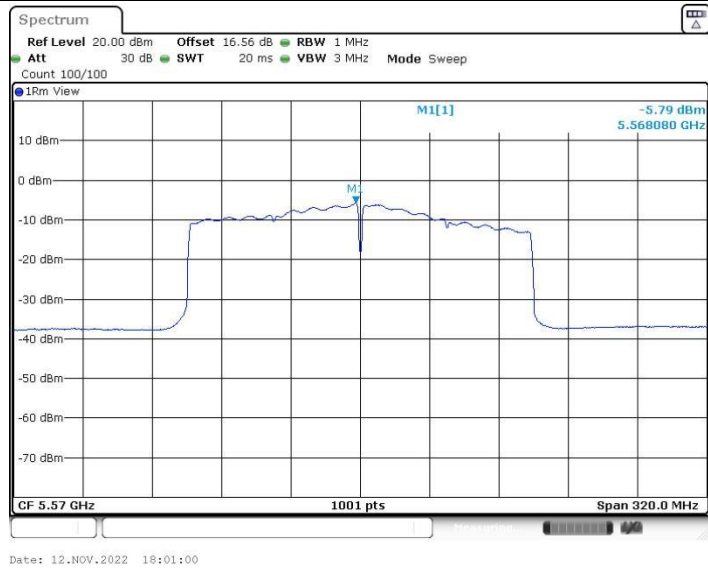




11AX160MIMO_Ant5_5570



11AX160MIMO_Ant4_5570





< Power Spectral Density for 802.11ax HE20 partial RU>

Maximum power spectral density

Test Result

Test Mode	Antenna	Freq(MHz)	Ru Size	Ru Index	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant5	5180	26Tone	RU0	5.49	≤11.00	PASS
			52Tone	RU37	5.43	≤11.00	PASS
			106Tone	RU53	5.05	≤11.00	PASS
	Ant4	5180	26Tone	RU0	5.28	≤11.00	PASS
			52Tone	RU37	4.73	≤11.00	PASS
			106Tone	RU53	4.97	≤11.00	PASS
	total	5180	26Tone	RU0	8.40	≤11.00	PASS
			52Tone	RU37	8.10	≤11.00	PASS
			106Tone	RU53	8.02	≤11.00	PASS
	Ant5	5220	26Tone	RU0	5.06	≤11.00	PASS
			52Tone	RU37	5.41	≤11.00	PASS
			106Tone	RU53	5.04	≤11.00	PASS
	Ant4	5220	26Tone	RU0	6.07	≤11.00	PASS
			52Tone	RU37	6.09	≤11.00	PASS
			106Tone	RU53	6.03	≤11.00	PASS
	total	5220	26Tone	RU0	8.60	≤11.00	PASS
			52Tone	RU37	8.77	≤11.00	PASS
			106Tone	RU53	8.57	≤11.00	PASS
	Ant5	5240	26Tone	RU8	6.63	≤11.00	PASS
			52Tone	RU40	6.65	≤11.00	PASS
			106Tone	RU54	6.64	≤11.00	PASS
	Ant4	5240	26Tone	RU8	6.07	≤11.00	PASS
			52Tone	RU40	6	≤11.00	PASS
			106Tone	RU54	5.99	≤11.00	PASS
	total	5240	26Tone	RU8	9.37	≤11.00	PASS
			52Tone	RU40	9.35	≤11.00	PASS
			106Tone	RU54	9.34	≤11.00	PASS
	Ant5	5260	26Tone	RU0	6.79	≤11.00	PASS
			52Tone	RU37	6.9	≤11.00	PASS
			106Tone	RU53	6.68	≤11.00	PASS
	Ant4	5260	26Tone	RU0	5.3	≤11.00	PASS



			52Tone	RU37	5.14	≤11.00	PASS
			106Tone	RU53	5.28	≤11.00	PASS
	total	5260	26Tone	RU0	9.12	≤11.00	PASS
			52Tone	RU37	9.12	≤11.00	PASS
			106Tone	RU53	9.05	≤11.00	PASS
	Ant5	5300	26Tone	RU0	6.21	≤11.00	PASS
			52Tone	RU37	5.89	≤11.00	PASS
			106Tone	RU53	6.14	≤11.00	PASS
	Ant4	5300	26Tone	RU0	6.01	≤11.00	PASS
			52Tone	RU37	5.88	≤11.00	PASS
			106Tone	RU53	6.14	≤11.00	PASS
	total	5300	26Tone	RU0	9.12	≤11.00	PASS
			52Tone	RU37	8.90	≤11.00	PASS
			106Tone	RU53	9.15	≤11.00	PASS
	Ant5	5320	26Tone	RU8	6.25	≤11.00	PASS
			52Tone	RU40	6.39	≤11.00	PASS
			106Tone	RU54	6.37	≤11.00	PASS
	Ant4	5320	26Tone	RU8	5.83	≤11.00	PASS
			52Tone	RU40	5.67	≤11.00	PASS
			106Tone	RU54	5.8	≤11.00	PASS
	total	5320	26Tone	RU8	9.06	≤11.00	PASS
			52Tone	RU40	9.06	≤11.00	PASS
			106Tone	RU54	9.10	≤11.00	PASS
	Ant5	5500	26Tone	RU0	5.86	≤11.00	PASS
			52Tone	RU37	5.89	≤11.00	PASS
			106Tone	RU53	5.57	≤11.00	PASS
	Ant4	5500	26Tone	RU0	6.22	≤11.00	PASS
			52Tone	RU37	5.72	≤11.00	PASS
			106Tone	RU53	6.4	≤11.00	PASS
	total	5500	26Tone	RU0	9.05	≤11.00	PASS
			52Tone	RU37	8.82	≤11.00	PASS
			106Tone	RU53	9.02	≤11.00	PASS
	Ant5	5580	26Tone	RU0	6.11	≤11.00	PASS
			52Tone	RU37	6.12	≤11.00	PASS
			106Tone	RU53	5.98	≤11.00	PASS
	Ant4	5580	26Tone	RU0	5.72	≤11.00	PASS
			52Tone	RU37	5.87	≤11.00	PASS
			106Tone	RU53	5.76	≤11.00	PASS
	total	5580	26Tone	RU0	8.93	≤11.00	PASS



			52Tone	RU37	9.01	≤11.00	PASS
			106Tone	RU53	8.88	≤11.00	PASS
	Ant5	5700	26Tone	RU8	6.36	≤11.00	PASS
			52Tone	RU40	5.77	≤11.00	PASS
			106Tone	RU54	6.1	≤11.00	PASS
	Ant4	5700	26Tone	RU8	4.11	≤11.00	PASS
			52Tone	RU40	4.18	≤11.00	PASS
			106Tone	RU54	4.71	≤11.00	PASS
	total	5700	26Tone	RU8	8.39	≤11.00	PASS
			52Tone	RU40	8.06	≤11.00	PASS
			106Tone	RU54	8.47	≤11.00	PASS
	Ant5	5720	26Tone	RU8	6.49	≤11.00	PASS
			52Tone	RU40	6.36	≤11.00	PASS
			106Tone	RU54	6.52	≤11.00	PASS
	Ant4	5720	26Tone	RU8	6.36	≤11.00	PASS
			52Tone	RU40	6.49	≤11.00	PASS
			106Tone	RU54	6.33	≤11.00	PASS
	total	5720	26Tone	RU8	9.44	≤11.00	PASS
			52Tone	RU40	9.44	≤11.00	PASS
			106Tone	RU54	9.44	≤11.00	PASS
	Ant5	5745	26Tone	RU0	3.57	≤30.00	PASS
			52Tone	RU37	3.1	≤30.00	PASS
			106Tone	RU53	3.42	≤30.00	PASS
	Ant4	5745	26Tone	RU0	1.91	≤30.00	PASS
			52Tone	RU37	2.51	≤30.00	PASS
			106Tone	RU53	1.94	≤30.00	PASS
	total	5745	26Tone	RU0	5.83	≤30.00	PASS
			52Tone	RU37	5.83	≤30.00	PASS
			106Tone	RU53	5.75	≤30.00	PASS
	Ant5	5785	26Tone	RU0	3.51	≤30.00	PASS
			52Tone	RU37	3.11	≤30.00	PASS
			106Tone	RU53	2.84	≤30.00	PASS
	Ant4	5785	26Tone	RU0	2.42	≤30.00	PASS
			52Tone	RU37	2.59	≤30.00	PASS
			106Tone	RU53	2.53	≤30.00	PASS
	total	5785	26Tone	RU0	6.01	≤30.00	PASS
			52Tone	RU37	5.87	≤30.00	PASS
			106Tone	RU53	5.70	≤30.00	PASS
	Ant5	5825	26Tone	RU8	2.8	≤30.00	PASS

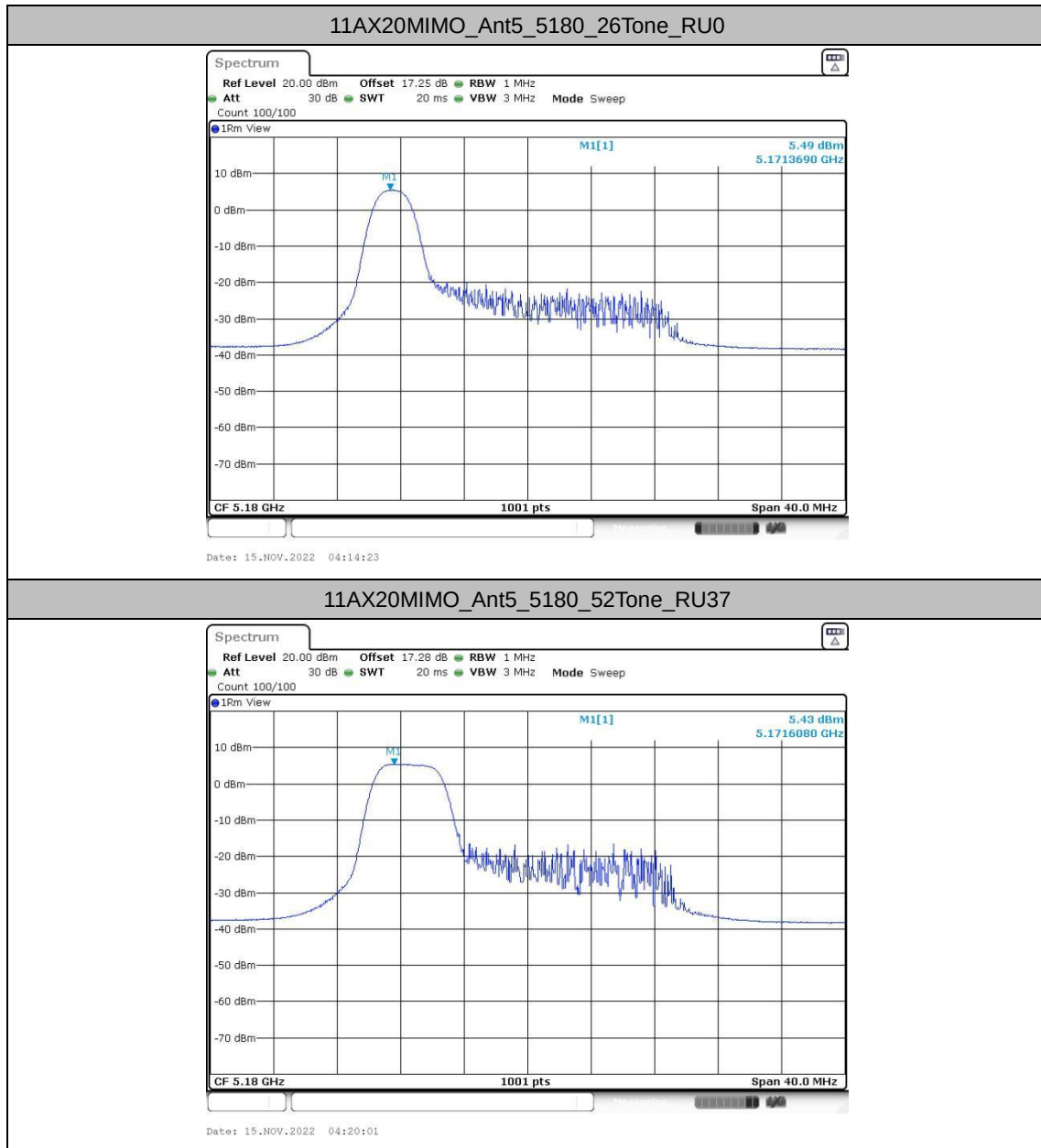


			52Tone	RU40	2.28	≤30.00	PASS
			106Tone	RU54	2.32	≤30.00	PASS
	Ant4	5825	26Tone	RU8	2.89	≤30.00	PASS
			52Tone	RU40	2.84	≤30.00	PASS
			106Tone	RU54	2.78	≤30.00	PASS
	total	5825	26Tone	RU8	5.86	≤30.00	PASS
			52Tone	RU40	5.58	≤30.00	PASS
			106Tone	RU54	5.57	≤30.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and is compensated in the graph.

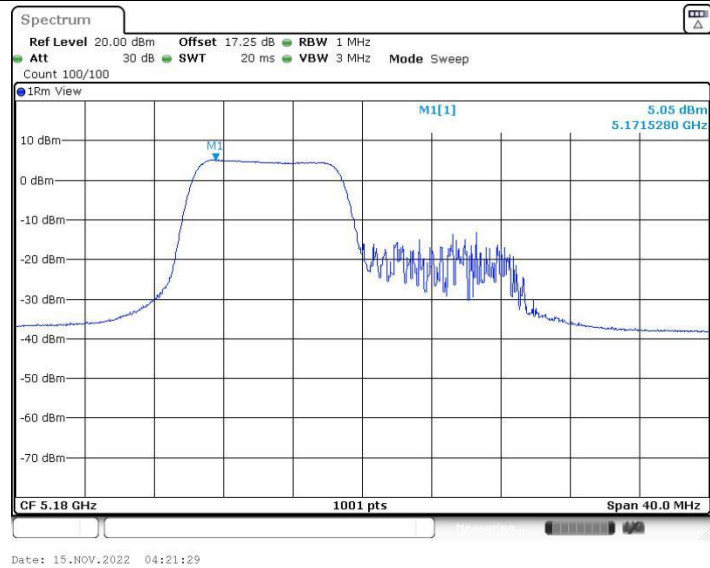


Test Graphs

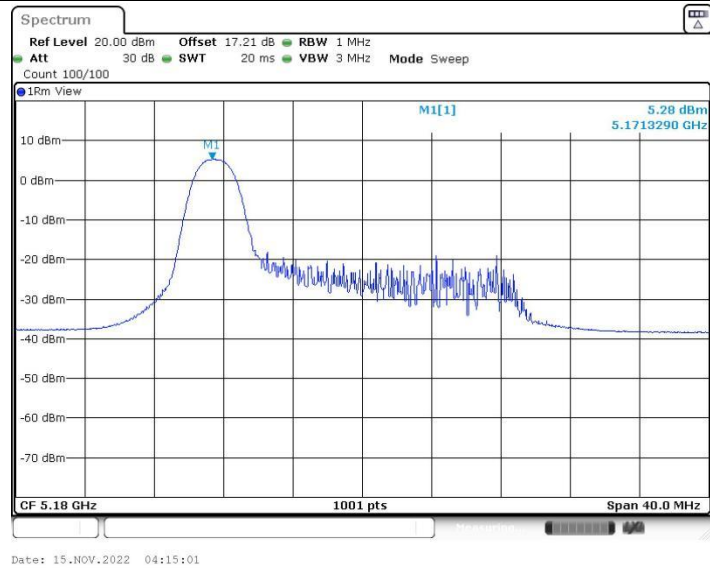




11AX20MIMO_Ant5_5180_106Tone_RU53

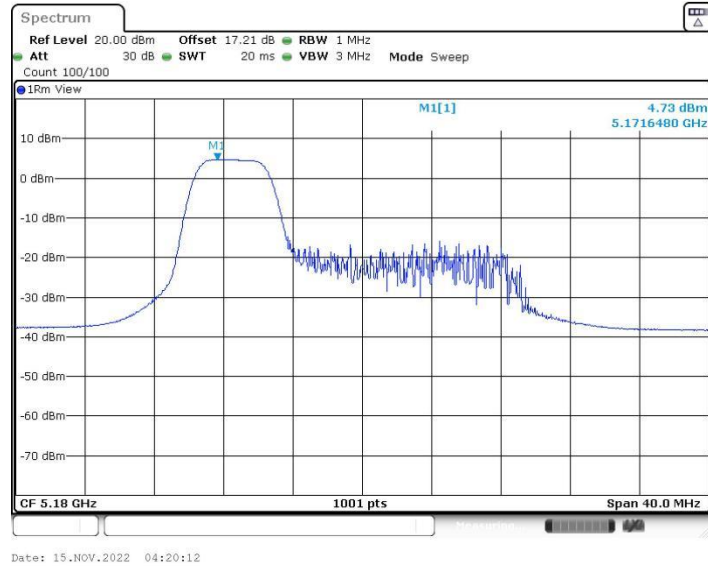


11AX20MIMO_Ant4_5180_26Tone_RU0

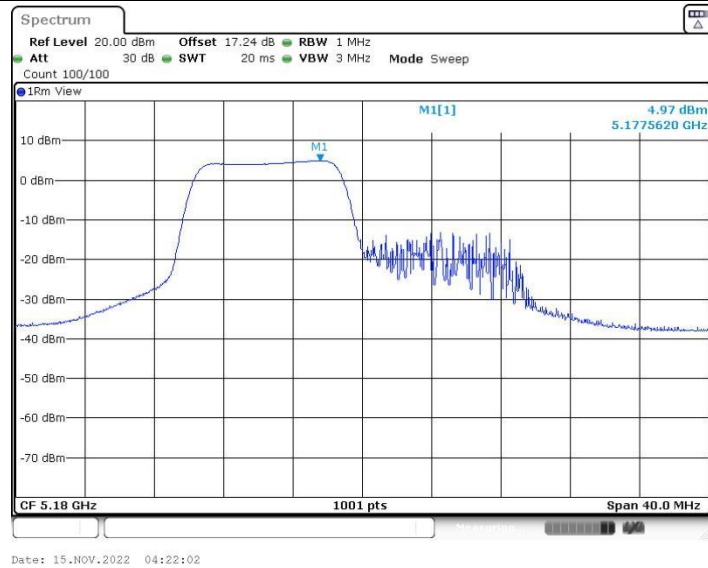




11AX20MIMO_Ant4_5180_52Tone_RU37

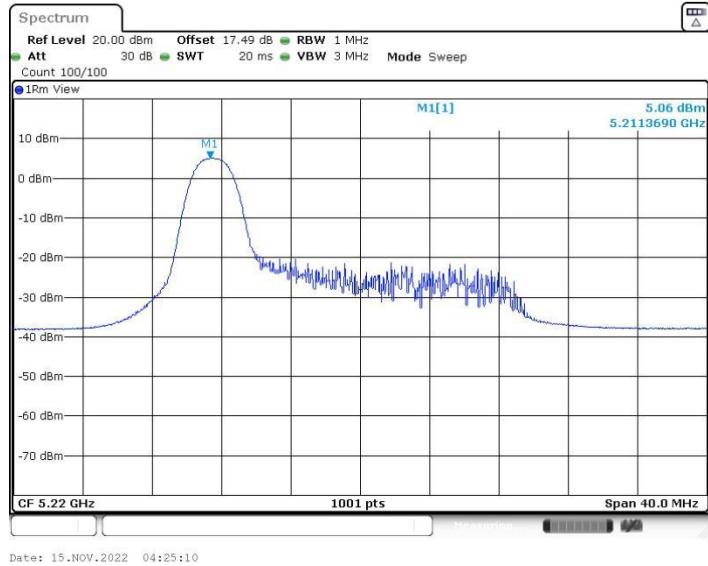


11AX20MIMO_Ant4_5180_106Tone_RU53

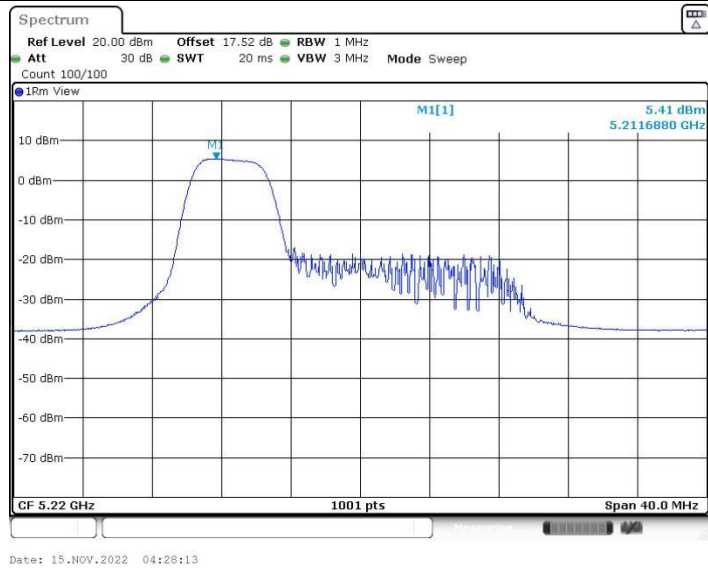




11AX20MIMO_Ant5_5220_26Tone_RU0

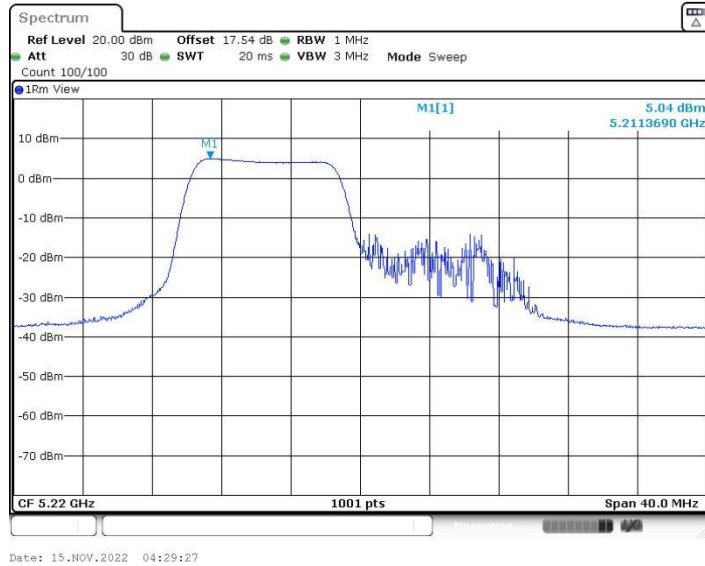


11AX20MIMO_Ant5_5220_52Tone_RU37

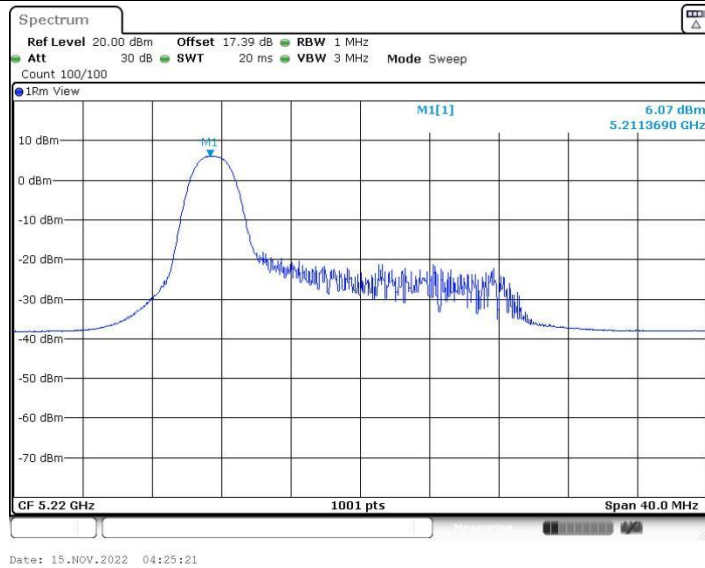




11AX20MIMO_Ant5_5220_106Tone_RU53

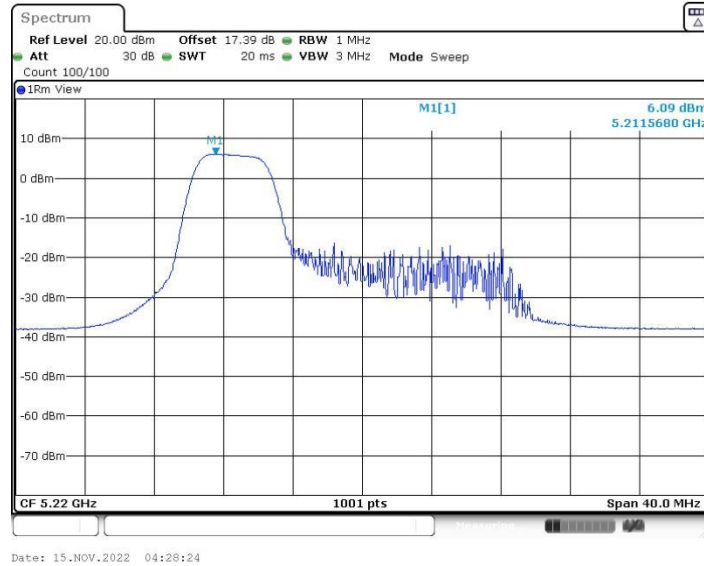


11AX20MIMO_Ant4_5220_26Tone_RU0

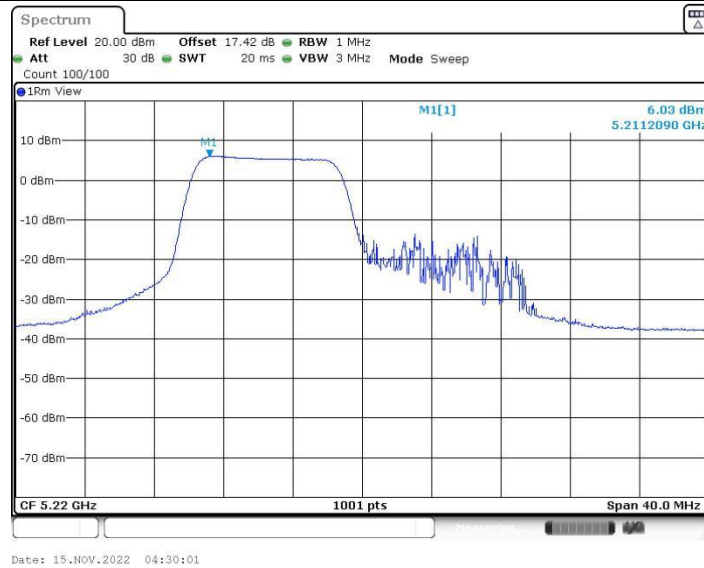




11AX20MIMO_Ant4_5220_52Tone_RU37

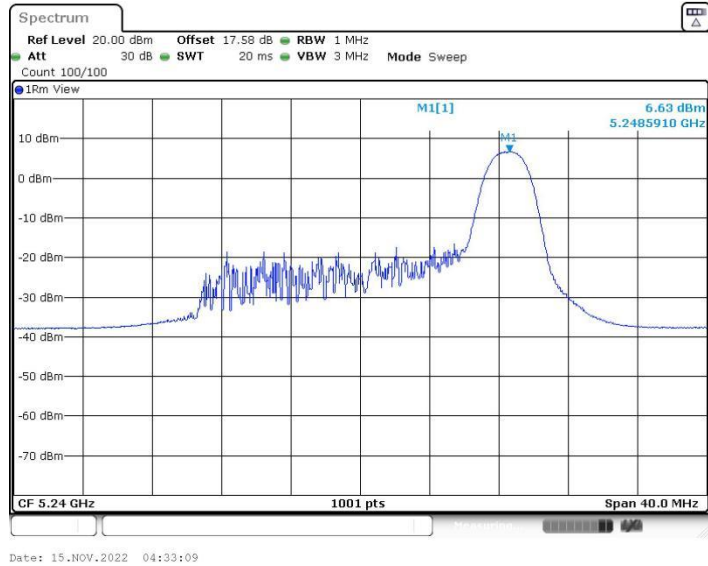


11AX20MIMO_Ant4_5220_106Tone_RU53

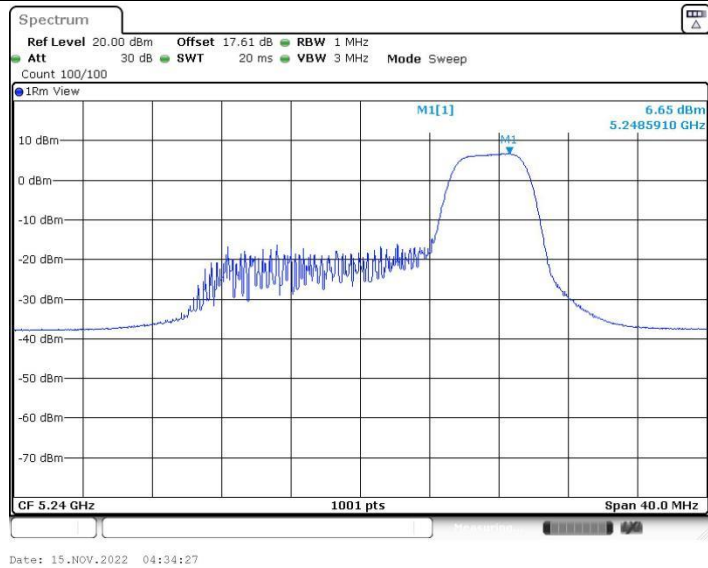




11AX20MIMO_Ant5_5240_26Tone_RU8

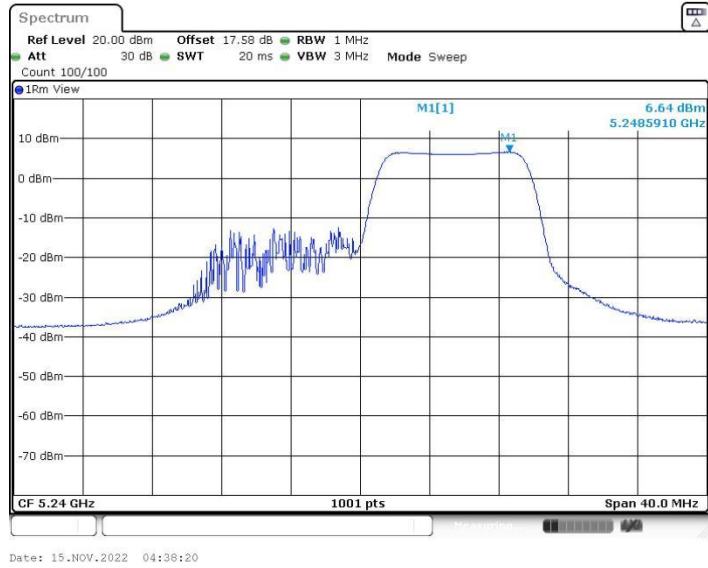


11AX20MIMO_Ant5_5240_52Tone_RU40

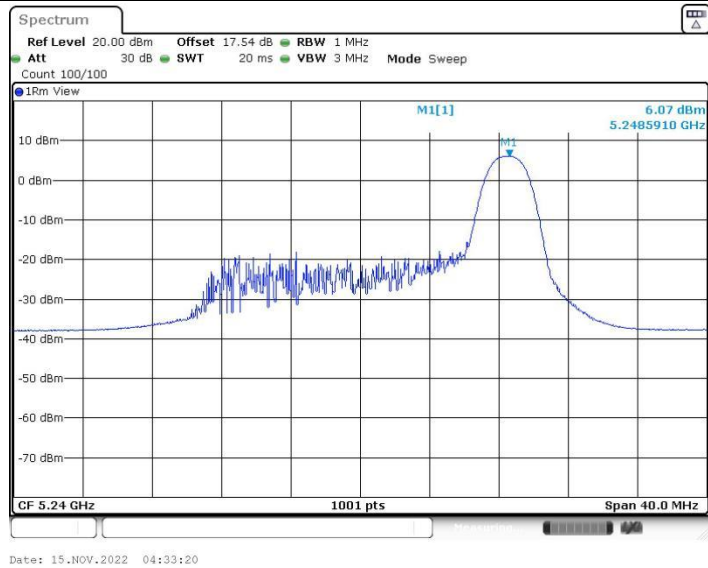




11AX20MIMO_Ant5_5240_106Tone_RU54

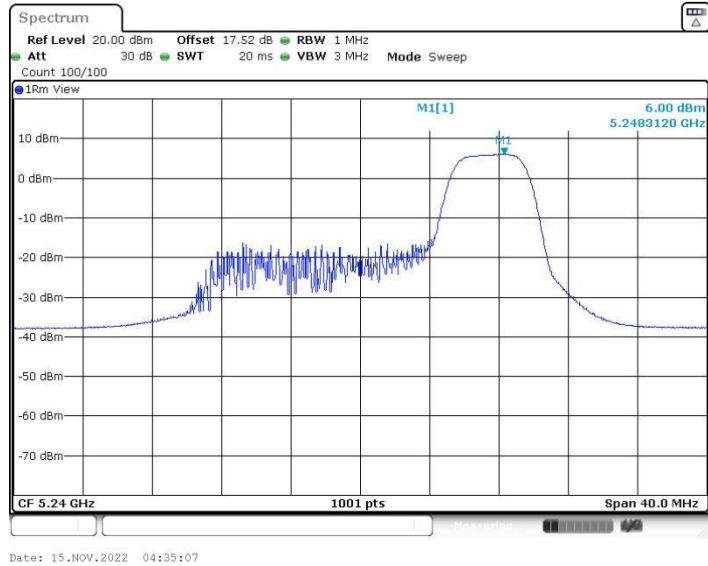


11AX20MIMO_Ant4_5240_26Tone_RU8

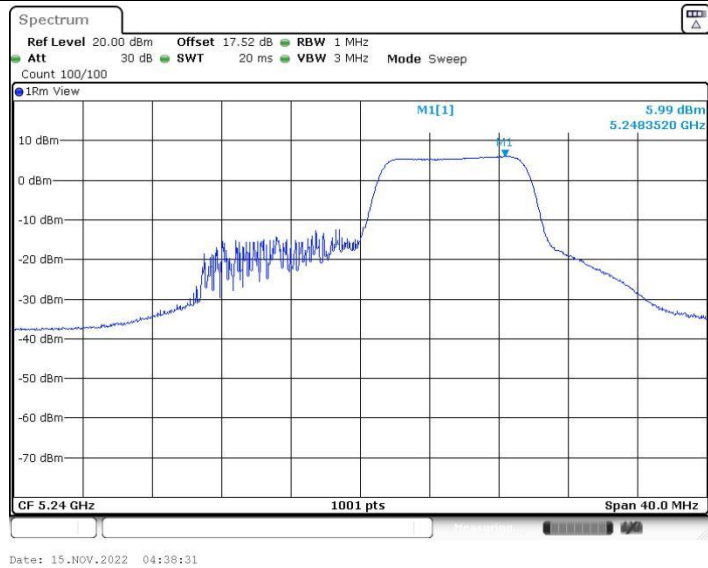




11AX20MIMO_Ant4_5240_52Tone_RU40

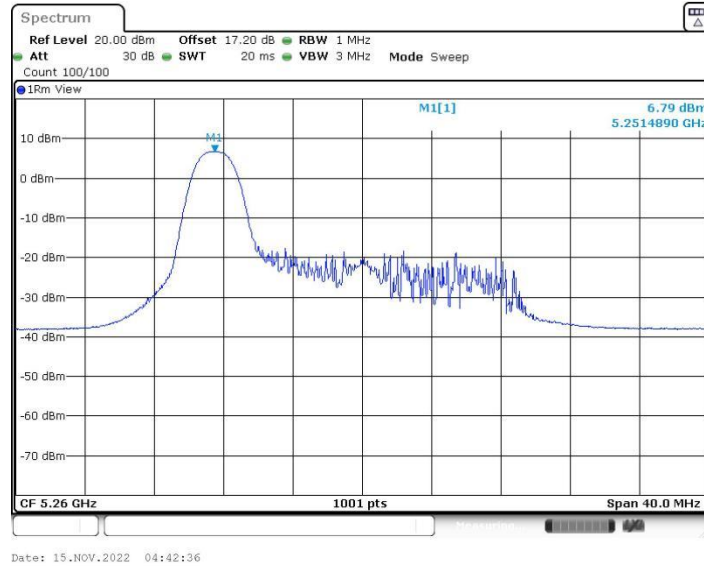


11AX20MIMO_Ant4_5240_106Tone_RU54

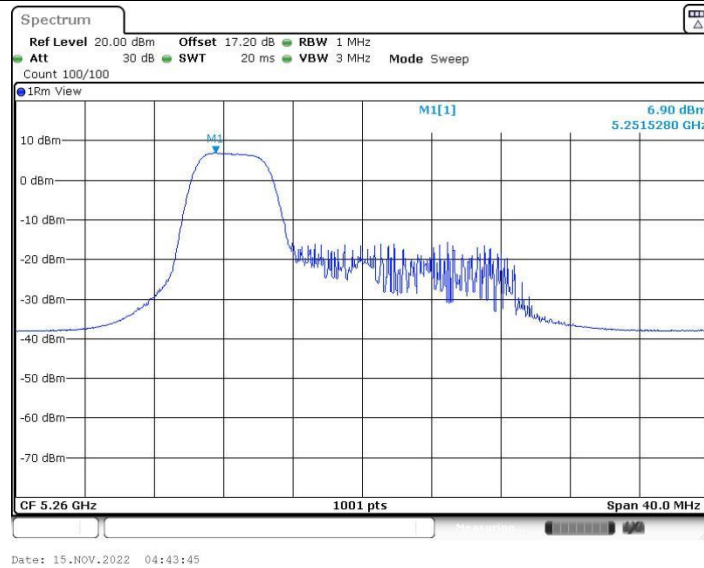




11AX20MIMO_Ant5_5260_26Tone_RU0

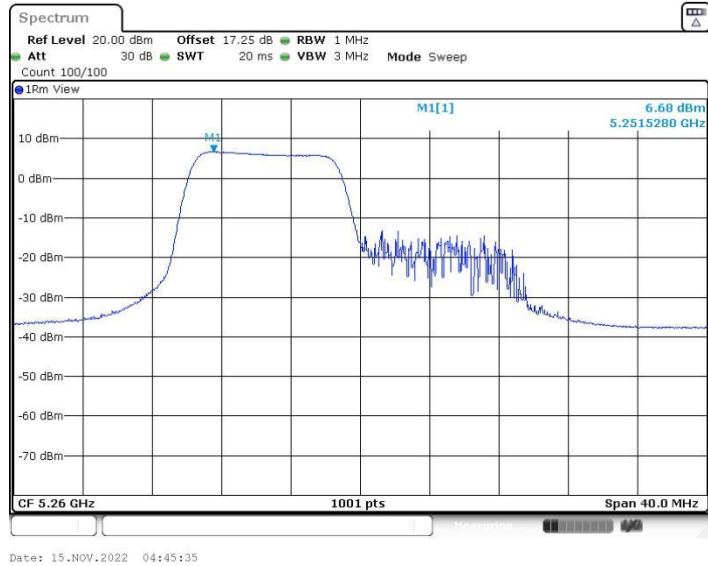


11AX20MIMO_Ant5_5260_52Tone_RU37

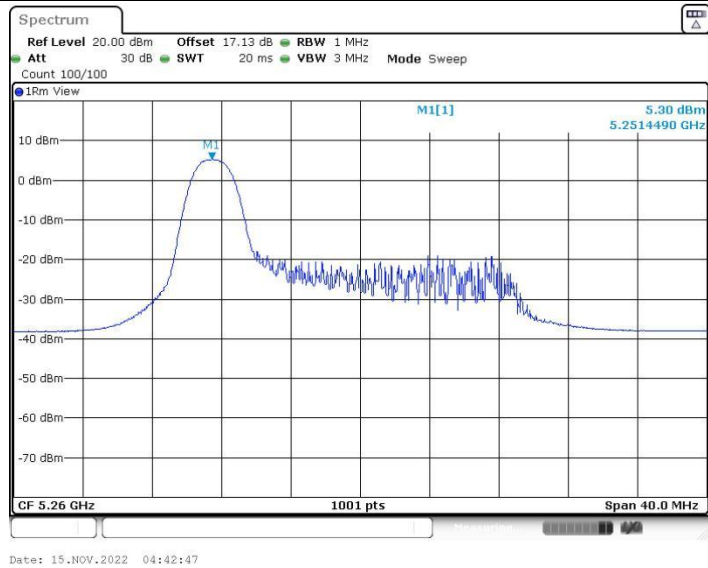




11AX20MIMO_Ant5_5260_106Tone_RU53

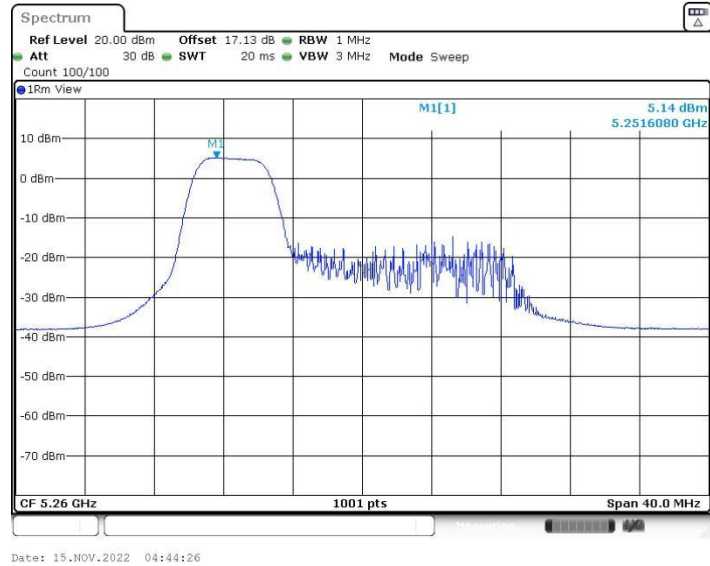


11AX20MIMO_Ant4_5260_26Tone_RU0

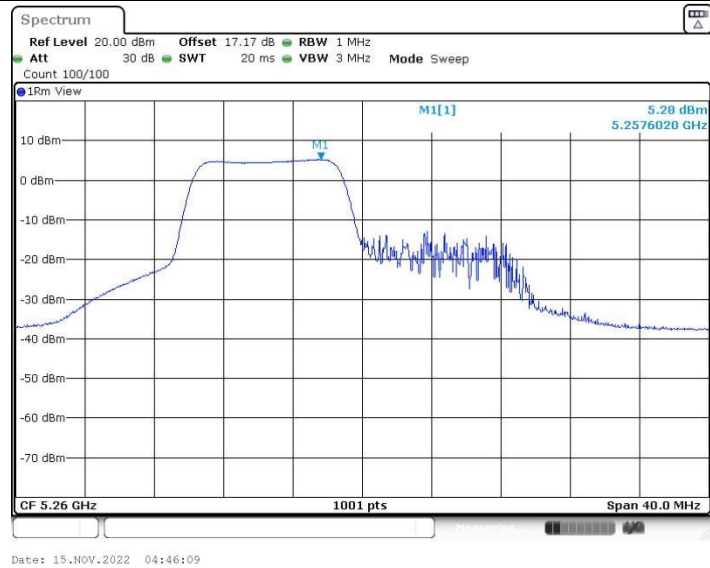




11AX20MIMO_Ant4_5260_52Tone_RU37

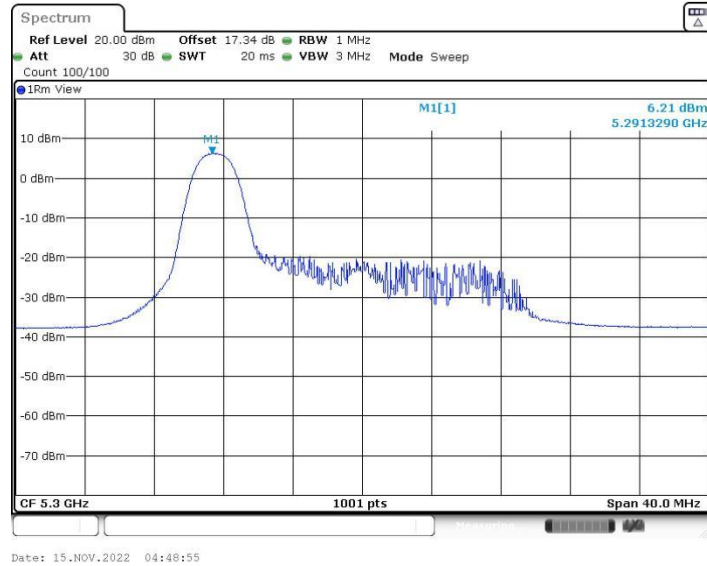


11AX20MIMO_Ant4_5260_106Tone_RU53

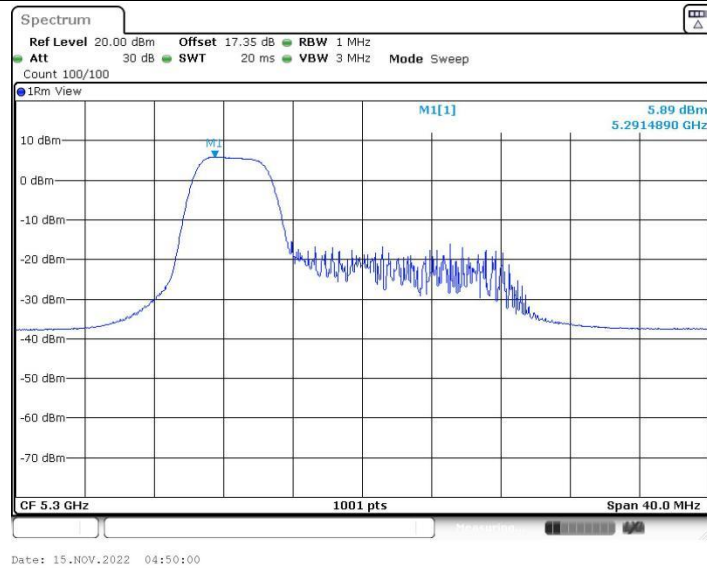




11AX20MIMO_Ant5_5300_26Tone_RU0

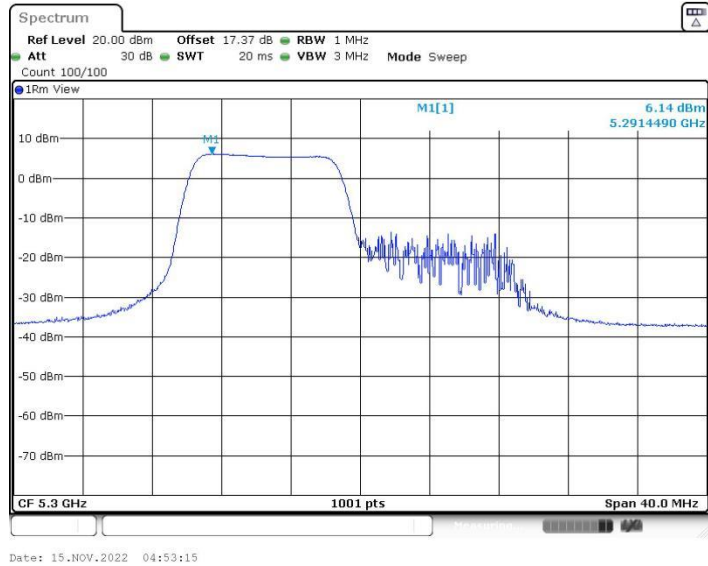


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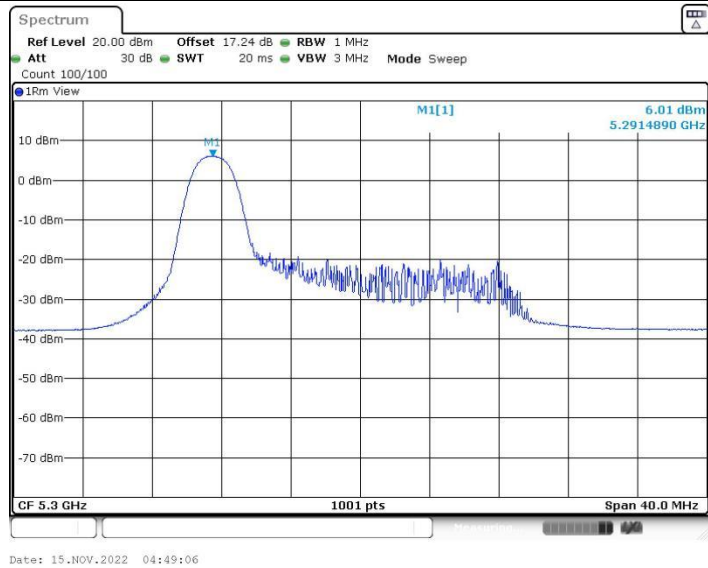




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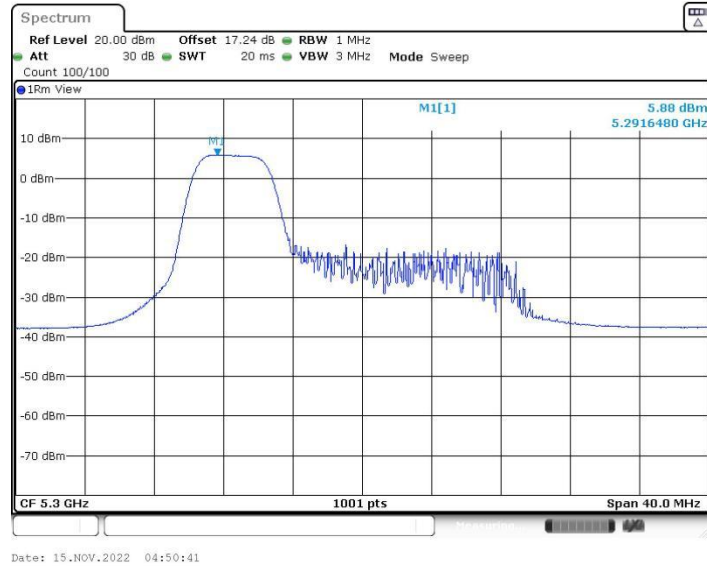


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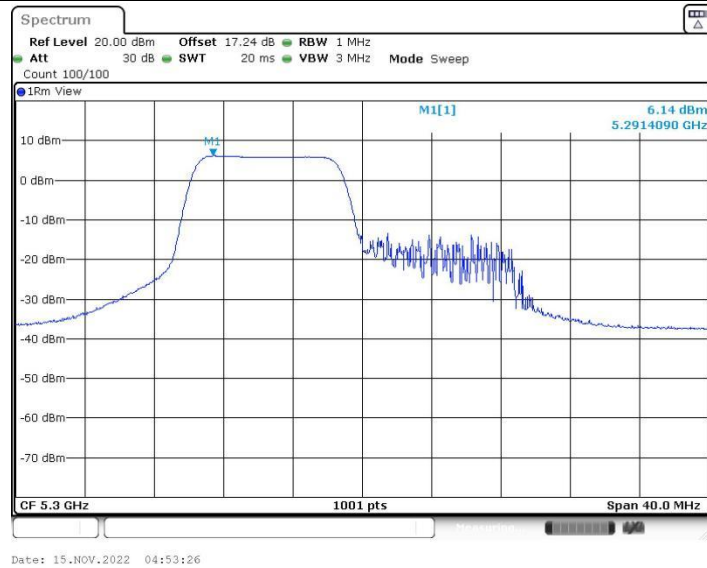




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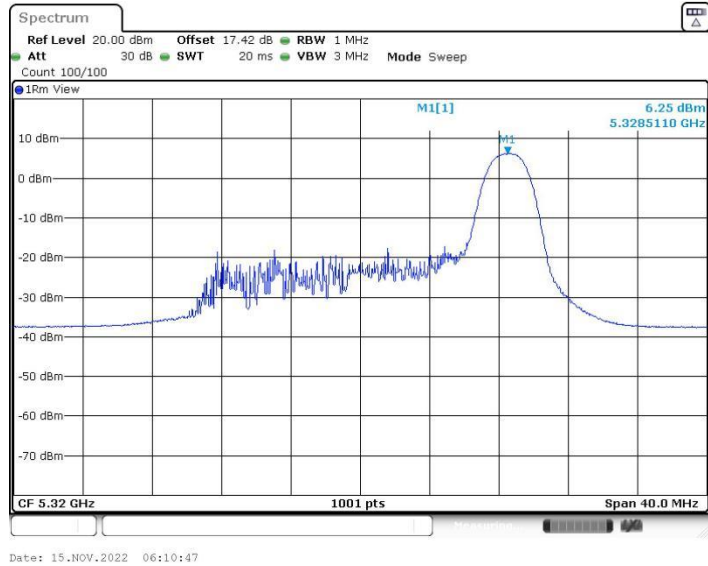


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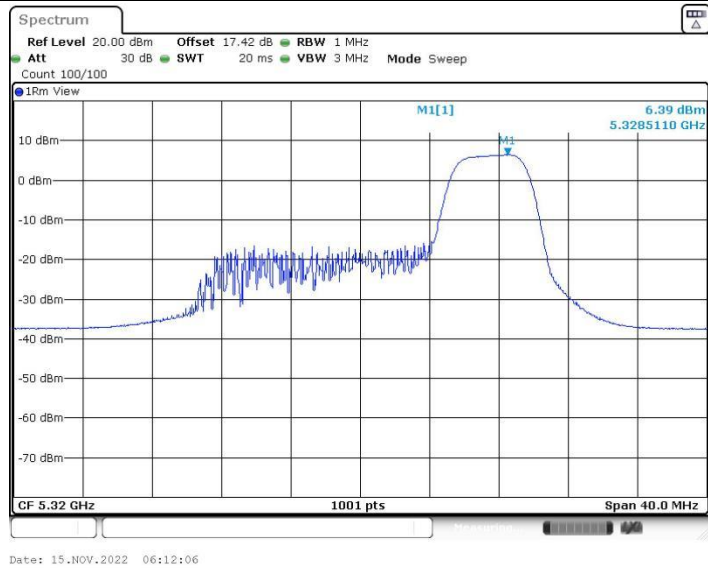




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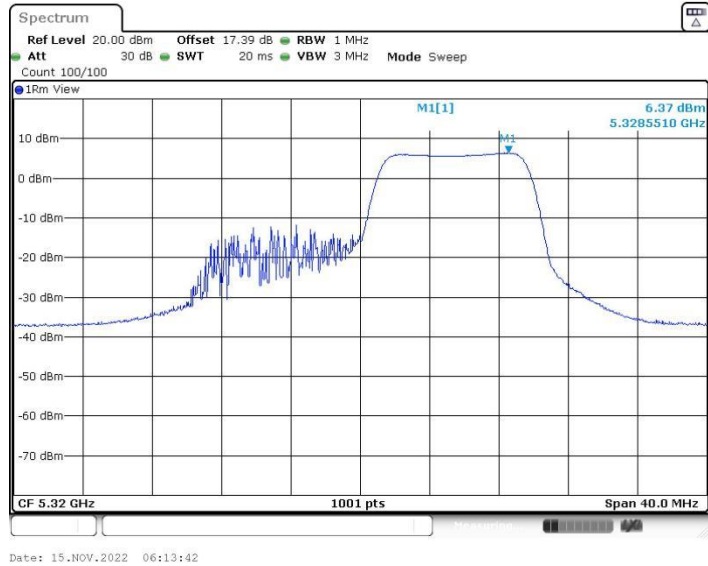


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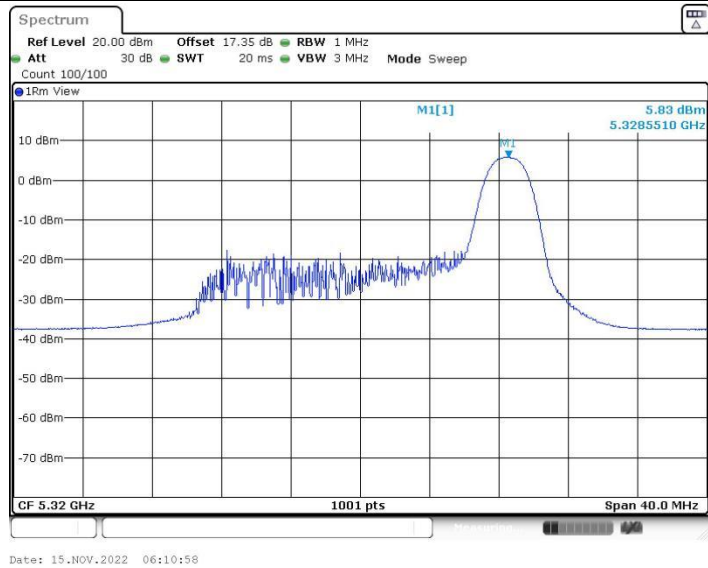




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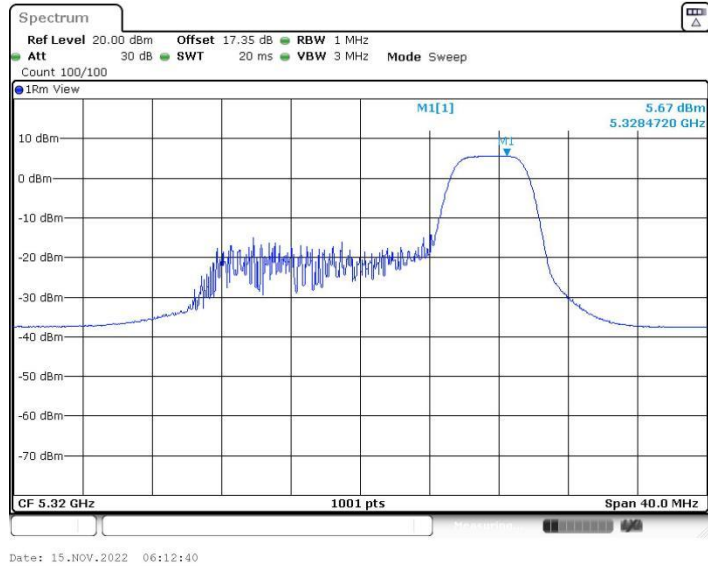


11AX20MIMO_Ant4_5320_26Tone_RU8

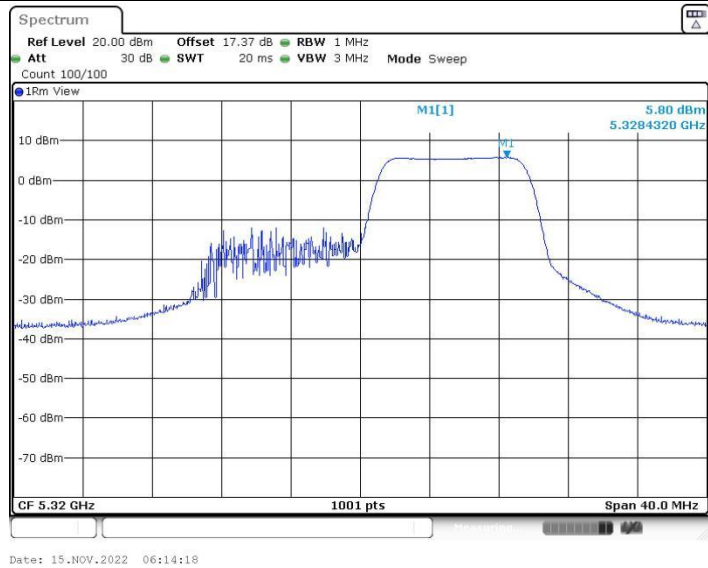




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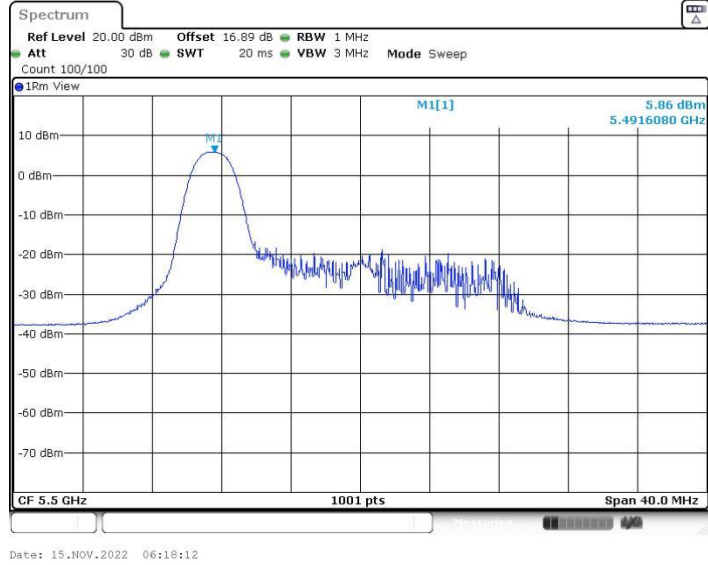


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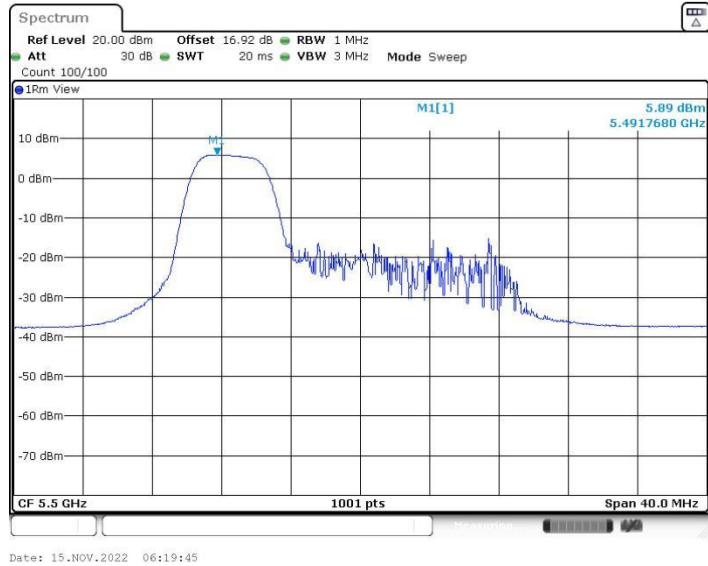




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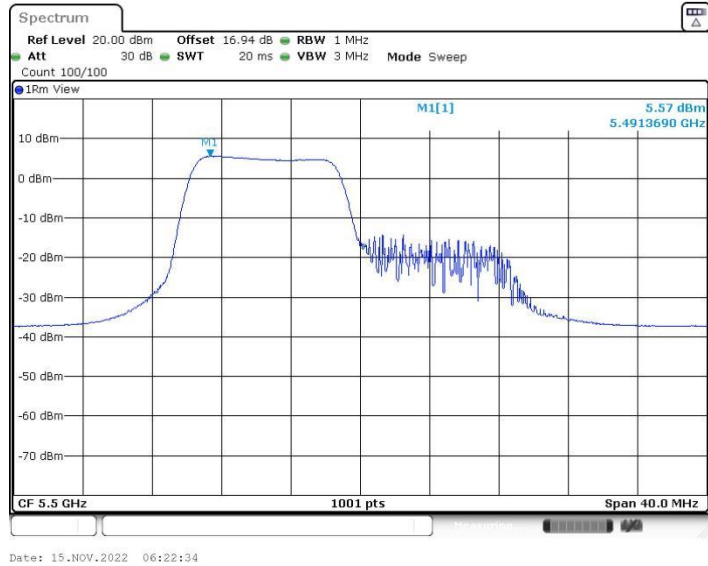


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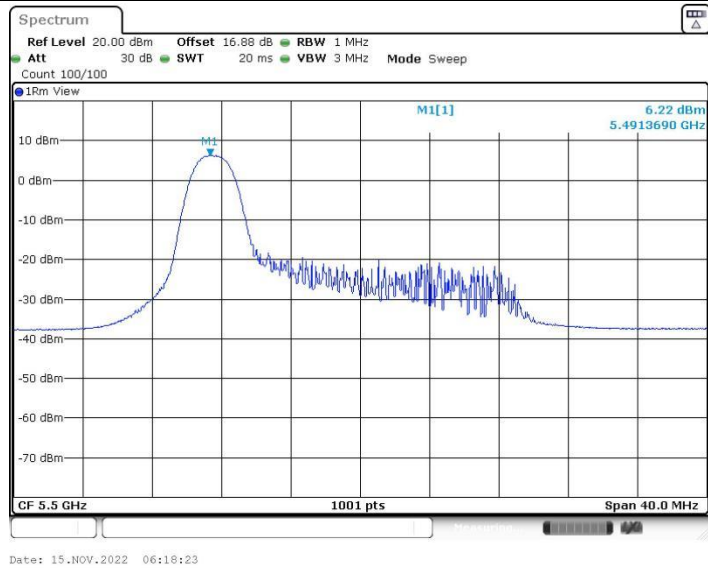




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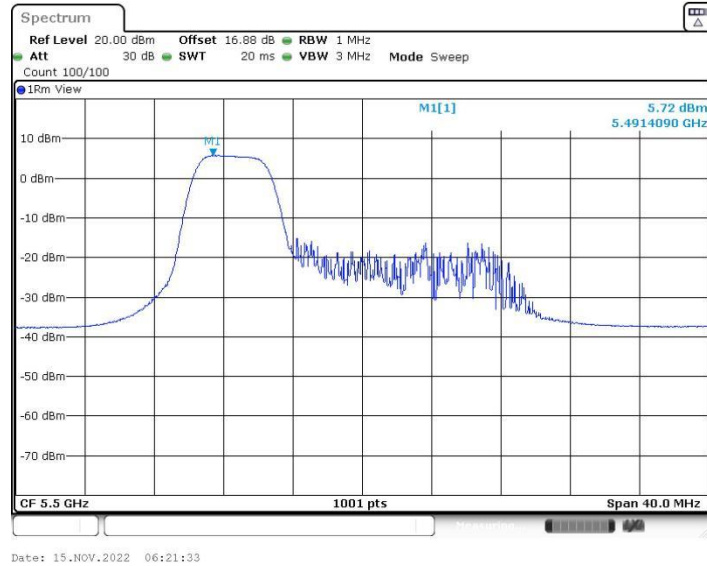


11AX20MIMO_Ant4_5500_26Tone_RU0





11AX20MIMO_Ant4_5500_52Tone_RU37



11AX20MIMO_Ant4_5500_106Tone_RU53

