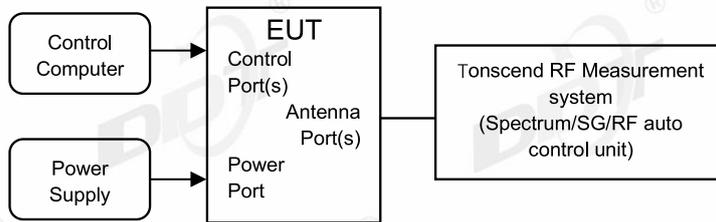


8. Maximum Output Power

8.1. Block diagram of test setup



8.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Maximum Output Power	For FCC: outdoor access point: 1 W(30 dBm) indoor access point: 1 W(30 dBm) fixed point-to-point access points1 W(30 dBm) client devices: 250 mW (24 dBm)	5150-5250
	For RSS: e.i.r.p. power: not exceed 200 mW (23 dBm) or $10 + 10 \log_{10} B$	
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	5250-5350
	For RSS: For conducted output power: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	
	For FCC: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	For FCC:5470 - 5725 For IC:5470 - 5600 5650 - 5725
	For RSS: For conducted output power: 250 mW (24 dBm) or $11 + 10 \log_{10} B$	
	For RSS: e.i.r.p. power: not exceed 1.0 W (30 dBm) or $17 + 10 \log_{10} B$	5725-5850
1 Watt (30 dBm)		
Note 1: For FCC: B=26 bandwidth; For ISDE: B=99% bandwidth.		
Note 2: For 802.11n, 802.11ac the EUT incorporates a MIMO function. The Antenna directional gain is 7.39 dBi.		
The Output Power limit is the above limits-(7.95-6)dB		

8.3. Test procedure

Connect each EUT's antenna output to power sensor by RF cable and attenuator
Measure the output power of each antenna port by power sensor.

8.4. Test result channel power

Test Engineer:	Haofeng CHEN	Test Site:	RF Measurement System 4#
Ambient Condition:	23.6°C,51.2%RH	Test Date:	2024.01.22-2024.01.31
Test Power Supply:	DC 5V	EUT:	AIoT Edge Controller
Sample Number:	S23111537-05	Model No.:	MB41

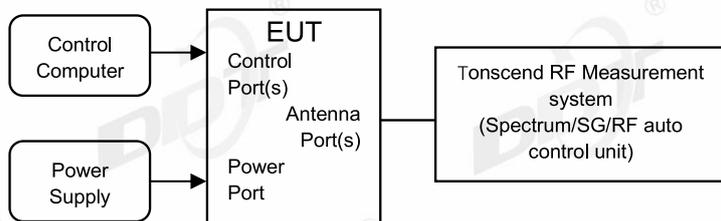
Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dB]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	92.00	0.36	16.23	≤23.98	20.79	≤23	PASS
	Ant2	5180	92.00	0.36	16.77	≤23.98	22.07	≤23	PASS
	Ant1	5200	91.96	0.36	15.74	≤23.98	20.30	≤23	PASS
	Ant2	5200	93.21	0.31	16.86	≤23.98	22.16	≤23	PASS
	Ant1	5240	90.35	0.44	15.89	≤23.98	20.45	≤23	PASS
	Ant2	5240	91.59	0.38	16.78	≤23.98	22.08	≤23	PASS
	Ant1	5260	92.00	0.36	12.41	≤23.98	16.97	≤30	PASS
	Ant2	5260	91.19	0.40	13.65	≤23.98	18.95	≤30	PASS
	Ant1	5280	92.41	0.34	12.30	≤23.98	16.86	≤30	PASS
	Ant2	5280	93.24	0.30	13.35	≤23.98	18.65	≤30	PASS
	Ant1	5320	93.21	0.31	12.18	≤23.98	16.74	≤30	PASS
	Ant2	5320	90.39	0.44	13.07	≤23.98	18.37	≤30	PASS
	Ant1	5500	92.41	0.34	14.33	≤23.98	18.89	≤30	PASS
	Ant2	5500	94.09	0.26	15.85	≤23.98	21.15	≤30	PASS
	Ant1	5580	92.83	0.32	14.88	≤23.98	19.44	≤30	PASS
	Ant2	5580	92.38	0.34	16.76	≤23.98	22.06	≤30	PASS
	Ant1	5700	92.83	0.32	14.50	≤23.98	19.06	≤30	PASS
	Ant2	5700	91.59	0.38	15.33	≤23.98	20.63	≤30	PASS
	Ant1	5720	89.57	0.48	14.58	≤23.98	19.14	≤30	PASS
	Ant2	5720	91.56	0.38	15.20	≤23.98	20.50	≤30	PASS
	Ant1	5745	93.64	0.29	14.56	≤30	19.12	≤30	PASS
	Ant2	5745	91.59	0.38	15.89	≤30	21.19	≤30	PASS
	Ant1	5785	91.56	0.38	15.13	≤30	19.69	≤30	PASS
	Ant2	5785	90.75	0.42	16.44	≤30	21.74	≤30	PASS
Ant1	5825	89.96	0.46	15.20	≤30	19.76	≤30	PASS	
Ant2	5825	90.39	0.44	16.72	≤30	22.02	≤30	PASS	
11N20 MIMO	Ant1	5180	83.05	0.81	11.69	≤22.03	16.25	≤21.05	PASS
	Ant2	5180	81.15	0.91	12.87	≤22.03	18.17	≤21.05	PASS
	total	5180	---	---	15.33	≤22.03	20.33	≤21.05	PASS
	Ant1	5200	83.19	0.80	11.14	≤22.03	15.70	≤21.05	PASS
	Ant2	5200	83.05	0.81	12.27	≤22.03	17.57	≤21.05	PASS
	total	5200	---	---	14.75	≤22.03	19.75	≤21.05	PASS
	Ant1	5240	81.15	0.91	10.87	≤22.03	15.43	≤21.05	PASS
	Ant2	5240	85.22	0.69	12.04	≤22.03	17.34	≤21.05	PASS
	total	5240	---	---	14.50	≤22.03	19.50	≤21.05	PASS
	Ant1	5260	86.73	0.62	9.69	≤22.03	14.25	≤28.05	PASS
	Ant2	5260	83.90	0.76	11.12	≤22.03	16.42	≤28.05	PASS
	total	5260	---	---	13.47	≤22.03	18.48	≤28.05	PASS
	Ant1	5280	85.22	0.69	9.74	≤22.03	14.30	≤28.05	PASS
	Ant2	5280	81.15	0.91	10.97	≤22.03	16.27	≤28.05	PASS
	total	5280	---	---	13.41	≤22.03	18.41	≤28.05	PASS
	Ant1	5320	83.90	0.76	9.52	≤22.03	14.08	≤28.05	PASS
	Ant2	5320	85.22	0.69	10.29	≤22.03	15.59	≤28.05	PASS
	total	5320	---	---	12.93	≤22.03	17.91	≤28.05	PASS
	Ant1	5500	85.34	0.69	13.44	≤22.03	18.00	≤28.05	PASS
	Ant2	5500	83.19	0.80	14.80	≤22.03	20.10	≤28.05	PASS
	total	5500	---	---	17.18	≤22.03	22.19	≤28.05	PASS
	Ant1	5580	81.67	0.88	14.30	≤22.03	18.86	≤28.05	PASS
	Ant2	5580	83.19	0.80	15.62	≤22.03	20.92	≤28.05	PASS
	total	5580	---	---	18.02	≤22.03	23.02	≤28.05	PASS
	Ant1	5700	86.09	0.65	13.22	≤22.03	17.78	≤28.05	PASS
	Ant2	5700	82.35	0.84	14.33	≤22.03	19.63	≤28.05	PASS
	total	5700	---	---	16.82	≤22.03	21.81	≤28.05	PASS
	Ant1	5720	80.99	0.92	13.45	≤22.03	18.01	≤28.05	PASS
	Ant2	5720	83.05	0.81	14.20	≤22.03	19.50	≤28.05	PASS
	total	5720	---	---	16.85	≤22.03	21.83	≤28.05	PASS
	Ant1	5745	83.05	0.81	13.71	≤28.05	18.27	≤28.05	PASS
	Ant2	5745	84.48	0.73	14.62	≤28.05	19.92	≤28.05	PASS
	total	5745	---	---	17.20	≤28.05	22.18	≤28.05	PASS
	Ant1	5785	85.96	0.66	14.16	≤28.05	18.72	≤28.05	PASS
	Ant2	5785	82.35	0.84	15.29	≤28.05	20.59	≤28.05	PASS

	total	5785	---	---	17.77	≤28.05	22.77	≤28.05	PASS
	Ant1	5825	82.50	0.84	14.54	≤28.05	19.10	≤28.05	PASS
	Ant2	5825	83.90	0.76	15.48	≤28.05	20.78	≤28.05	PASS
	total	5825	---	---	18.05	≤28.05	23.03	≤28.05	PASS
	Ant1	5190	71.43	1.46	10.95	≤22.03	15.51	≤21.05	PASS
	Ant2	5190	70.42	1.52	12.32	≤22.03	17.62	≤21.05	PASS
11N40 MIMO	total	5190	---	---	14.70	≤22.03	19.70	≤21.05	PASS
	Ant1	5230	69.44	1.58	10.84	≤22.03	15.40	≤21.05	PASS
	Ant2	5230	70.00	1.55	12.15	≤22.03	17.45	≤21.05	PASS
	total	5230	---	---	14.55	≤22.03	19.56	≤21.05	PASS
	Ant1	5270	67.12	1.73	10.19	≤22.03	14.75	≤28.05	PASS
	Ant2	5270	71.01	1.49	11.14	≤22.03	16.44	≤28.05	PASS
	total	5270	---	---	13.70	≤22.03	18.69	≤28.05	PASS
	Ant1	5310	69.44	1.58	9.75	≤22.03	14.31	≤28.05	PASS
	Ant2	5310	72.46	1.40	10.50	≤22.03	15.80	≤28.05	PASS
	total	5310	---	---	13.15	≤22.03	18.13	≤28.05	PASS
	Ant1	5510	70.42	1.52	14.06	≤22.03	18.62	≤28.05	PASS
	Ant2	5510	72.46	1.40	15.29	≤22.03	20.59	≤28.05	PASS
11N40 MIMO	total	5510	---	---	17.73	≤22.03	22.73	≤28.05	PASS
	Ant1	5550	72.46	1.40	14.44	≤22.03	19.00	≤28.05	PASS
	Ant2	5550	68.49	1.64	16.04	≤22.03	21.34	≤28.05	PASS
	total	5550	---	---	18.32	≤22.03	23.34	≤28.05	PASS
	Ant1	5670	69.44	1.58	13.52	≤22.03	18.08	≤28.05	PASS
	Ant2	5670	72.46	1.40	14.47	≤22.03	19.77	≤28.05	PASS
	total	5670	---	---	17.03	≤22.03	22.02	≤28.05	PASS
	Ant1	5710	69.01	1.61	13.59	≤22.03	18.15	≤28.05	PASS
	Ant2	5710	72.46	1.40	14.21	≤22.03	19.51	≤28.05	PASS
	total	5710	---	---	16.92	≤22.03	21.89	≤28.05	PASS
	Ant1	5755	69.01	1.61	14.03	≤28.05	18.59	≤28.05	PASS
	Ant2	5755	70.42	1.52	14.98	≤28.05	20.28	≤28.05	PASS
	total	5755	---	---	17.54	≤28.05	22.53	≤28.05	PASS
	Ant1	5795	72.46	1.40	14.32	≤28.05	18.88	≤28.05	PASS
	Ant2	5795	68.49	1.64	15.68	≤28.05	20.98	≤28.05	PASS
	total	5795	---	---	18.06	≤28.05	23.07	≤28.05	PASS
	Ant1	5180	89.81	0.47	10.87	≤22.03	15.43	≤21.05	PASS
	Ant2	5180	91.90	0.37	11.38	≤22.03	16.68	≤21.05	PASS
	total	5180	---	---	14.14	≤22.03	19.11	≤21.05	PASS
	Ant1	5200	91.04	0.41	10.64	≤22.03	15.20	≤21.05	PASS
	Ant2	5200	90.61	0.43	11.73	≤22.03	17.03	≤21.05	PASS
	total	5200	---	---	14.23	≤22.03	19.22	≤21.05	PASS
	Ant1	5240	90.61	0.43	10.35	≤22.03	14.91	≤21.05	PASS
	Ant2	5240	91.51	0.39	11.55	≤22.03	16.85	≤21.05	PASS
	total	5240	---	---	14.00	≤22.03	19.00	≤21.05	PASS
	Ant1	5260	91.47	0.39	9.40	≤22.03	13.96	≤28.05	PASS
	Ant2	5260	90.19	0.45	10.72	≤22.03	16.02	≤28.05	PASS
	total	5260	---	---	13.12	≤22.03	18.12	≤28.05	PASS
	Ant1	5280	94.17	0.26	9.24	≤22.03	13.80	≤28.05	PASS
	Ant2	5280	92.79	0.32	10.32	≤22.03	15.62	≤28.05	PASS
11AC20 MIMO	total	5280	---	---	12.82	≤22.03	17.81	≤28.05	PASS
	Ant1	5320	90.23	0.45	9.14	≤22.03	13.70	≤28.05	PASS
	Ant2	5320	88.53	0.53	10.07	≤22.03	15.37	≤28.05	PASS
	total	5320	---	---	12.64	≤22.03	17.63	≤28.05	PASS
	Ant1	5500	91.90	0.37	13.21	≤22.03	17.77	≤28.05	PASS
	Ant2	5500	94.17	0.26	14.28	≤22.03	19.58	≤28.05	PASS
	total	5500	---	---	16.79	≤22.03	21.78	≤28.05	PASS
	Ant1	5580	89.35	0.49	13.85	≤22.03	18.41	≤28.05	PASS
	Ant2	5580	88.53	0.53	15.25	≤22.03	20.55	≤28.05	PASS
	total	5580	---	---	17.62	≤22.03	22.62	≤28.05	PASS
	Ant1	5700	91.94	0.36	12.85	≤22.03	17.41	≤28.05	PASS
	Ant2	5700	94.17	0.26	13.68	≤22.03	18.98	≤28.05	PASS
	total	5700	---	---	16.30	≤22.03	21.28	≤28.05	PASS
	Ant1	5720	91.47	0.39	12.92	≤22.03	17.48	≤28.05	PASS
	Ant2	5720	88.53	0.53	13.94	≤22.03	19.24	≤28.05	PASS
	total	5720	---	---	16.47	≤22.03	21.46	≤28.05	PASS

	Ant1	5745	93.72	0.28	13.21	≤28.05	17.77	≤28.05	PASS
	Ant2	5745	88.58	0.53	14.41	≤28.05	19.71	≤28.05	PASS
	total	5745	---	---	16.86	≤28.05	21.86	≤28.05	PASS
	Ant1	5785	88.53	0.53	13.98	≤28.05	18.54	≤28.05	PASS
	Ant2	5785	90.61	0.43	14.85	≤28.05	20.15	≤28.05	PASS
	total	5785	---	---	17.45	≤28.05	22.43	≤28.05	PASS
	Ant1	5825	93.27	0.30	14.10	≤28.05	18.66	≤28.05	PASS
	Ant2	5825	88.99	0.51	15.30	≤28.05	20.60	≤28.05	PASS
	total	5825	---	---	17.75	≤28.05	22.75	≤28.05	PASS
11AC40 MIMO	Ant1	5190	80.00	0.97	10.74	≤22.03	15.30	≤21.05	PASS
	Ant2	5190	79.34	1.01	11.97	≤22.03	17.27	≤21.05	PASS
	total	5190	---	---	14.41	≤22.03	19.41	≤21.05	PASS
	Ant1	5230	80.67	0.93	10.29	≤22.03	14.85	≤21.05	PASS
	Ant2	5230	79.34	1.01	11.72	≤22.03	17.02	≤21.05	PASS
	total	5230	---	---	14.07	≤22.03	19.08	≤21.05	PASS
	Ant1	5270	78.51	1.05	9.68	≤22.03	14.24	≤28.05	PASS
	Ant2	5270	79.17	1.01	10.79	≤22.03	16.09	≤28.05	PASS
	total	5270	---	---	13.28	≤22.03	18.27	≤28.05	PASS
	Ant1	5310	79.83	0.98	9.29	≤22.03	13.85	≤28.05	PASS
	Ant2	5310	78.51	1.05	10.26	≤22.03	15.56	≤28.05	PASS
	total	5310	---	---	12.81	≤22.03	17.80	≤28.05	PASS
	Ant1	5510	79.17	1.01	13.74	≤22.03	18.30	≤28.05	PASS
	Ant2	5510	79.17	1.01	15.01	≤22.03	20.31	≤28.05	PASS
	total	5510	---	---	17.43	≤22.03	22.43	≤28.05	PASS
	Ant1	5550	80.51	0.94	14.16	≤22.03	18.72	≤28.05	PASS
	Ant2	5550	81.20	0.90	15.36	≤22.03	20.66	≤28.05	PASS
	total	5550	---	---	17.81	≤22.03	22.81	≤28.05	PASS
	Ant1	5670	81.20	0.90	12.80	≤22.03	17.36	≤28.05	PASS
	Ant2	5670	81.36	0.90	14.07	≤22.03	19.37	≤28.05	PASS
	total	5670	---	---	16.49	≤22.03	21.49	≤28.05	PASS
	Ant1	5710	80.00	0.97	13.32	≤22.03	17.88	≤28.05	PASS
	Ant2	5710	80.51	0.94	14.15	≤22.03	19.45	≤28.05	PASS
	total	5710	---	---	16.77	≤22.03	21.75	≤28.05	PASS
	Ant1	5755	79.83	0.98	13.96	≤28.05	18.52	≤28.05	PASS
	Ant2	5755	80.67	0.93	14.89	≤28.05	20.19	≤28.05	PASS
	total	5755	---	---	17.46	≤28.05	22.45	≤28.05	PASS
Ant1	5795	82.61	0.83	14.32	≤28.05	18.88	≤28.05	PASS	
Ant2	5795	81.36	0.90	15.34	≤28.05	20.64	≤28.05	PASS	
total	5795	---	---	17.87	≤28.05	22.86	≤28.05	PASS	
11AC80 MIMO	Ant1	5210	69.12	1.60	10.73	≤22.03	15.29	≤21.05	PASS
	Ant2	5210	66.67	1.76	12.16	≤22.03	17.46	≤21.05	PASS
	total	5210	---	---	14.51	≤22.03	19.52	≤21.05	PASS
	Ant1	5290	64.79	1.88	9.87	≤22.03	14.43	≤28.05	PASS
	Ant2	5290	63.89	1.95	11.03	≤22.03	16.33	≤28.05	PASS
	total	5290	---	---	13.50	≤22.03	18.49	≤28.05	PASS
	Ant1	5530	67.65	1.70	14.42	≤22.03	18.98	≤28.05	PASS
	Ant2	5530	66.67	1.76	15.73	≤22.03	21.03	≤28.05	PASS
	total	5530	---	---	18.13	≤22.03	23.14	≤28.05	PASS
	Ant1	5610	63.89	1.95	13.89	≤22.03	18.45	≤28.05	PASS
	Ant2	5610	63.89	1.95	15.58	≤22.03	20.88	≤28.05	PASS
	total	5610	---	---	17.83	≤22.03	22.84	≤28.05	PASS
	Ant1	5690	65.71	1.82	13.44	≤22.03	18.00	≤28.05	PASS
	Ant2	5690	66.67	1.76	14.57	≤22.03	19.87	≤28.05	PASS
	total	5690	---	---	17.05	≤22.03	22.05	≤28.05	PASS
	Ant1	5775	64.79	1.88	14.72	≤28.05	19.28	≤28.05	PASS
	Ant2	5775	63.89	1.95	15.90	≤28.05	21.20	≤28.05	PASS
	total	5775	---	---	18.36	≤28.05	23.36	≤28.05	PASS

9. Power Spectral Density

9.1. Block diagram of test setup



9.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	For RSS eirp: 10 dBm/MHz	
	11 dBm/MHz	5250-5350
	11 dBm/MHz	For FCC: 5470 - 5725 For ISED: 5470 - 5600 5650 - 5725
	30 dBm/500 kHz	5725-5850
Note: For 802.11n, 802.11ac, the EUT incorporates a MIMO function. The Antenna directional gain is 7.39 dBi. For FCC and 5725-5850MHz of ISED, the Power Spectral Density limit is the above limits-(7.96-6) dB		

9.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.

Connect the UUT to the spectrum analyser and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The centre frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	$\geq 3 \times \text{RBW}$
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

9.4. Test result

Test Engineer:	Haofeng CHEN	Test Site:	RF Measurement System 4#
Ambient Condition:	23.6°C,51.2%RH	Test Date:	2024.01.22-2024.01.31
Test Power Supply:	DC 5V	EUT:	AIoT Edge Controller
Sample Number:	S23111537-05	Model No.:	MB41

Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP PSD [dBm/MHz]	EIRP PSD Limit [dBm/MHz]	Verdict	
11A	Ant1	5180	4.36	≤ 11.00	8.92	≤ 10.00	PASS	
	Ant2	5180	4.25	≤ 11.00	9.55	≤ 10.00	PASS	
	Ant1	5200	3.94	≤ 11.00	8.50	≤ 10.00	PASS	
	Ant2	5200	4.30	≤ 11.00	9.60	≤ 10.00	PASS	
	Ant1	5240	3.65	≤ 11.00	8.21	≤ 10.00	PASS	
	Ant2	5240	4.24	≤ 11.00	9.54	≤ 10.00	PASS	
	Ant1	5260	0.14	≤ 11.00	4.70	---	PASS	
	Ant2	5260	0.97	≤ 11.00	6.27	---	PASS	
	Ant1	5280	0.13	≤ 11.00	4.69	---	PASS	
	Ant2	5280	0.72	≤ 11.00	6.02	---	PASS	
	Ant1	5320	-0.24	≤ 11.00	4.32	---	PASS	
	Ant2	5320	0.37	≤ 11.00	5.67	---	PASS	
	Ant1	5500	2.24	≤ 11.00	6.80	---	PASS	
	Ant2	5500	3.12	≤ 11.00	8.42	---	PASS	
	Ant1	5580	2.75	≤ 11.00	7.31	---	PASS	
	Ant2	5580	4.06	≤ 11.00	9.36	---	PASS	
	Ant1	5700	2.30	≤ 11.00	6.86	---	PASS	
	Ant2	5700	3.05	≤ 11.00	8.35	---	PASS	
	Ant1	5720 UNII-2C	2.24	≤ 11.00	6.80	---	PASS	
	Ant2	5720 UNII-2C	2.80	≤ 11.00	8.10	---	PASS	
	Ant1	5720 UNII-3	-1.16	≤ 30.00	3.40	---	PASS	
	Ant2	5720 UNII-3	-0.50	≤ 30.00	4.80	---	PASS	
	Ant1	5745	-0.13	≤ 30.00	4.43	---	PASS	
	Ant2	5745	0.67	≤ 30.00	5.97	---	PASS	
	Ant1	5785	0.52	≤ 30.00	5.08	---	PASS	
	Ant2	5785	1.37	≤ 30.00	6.67	---	PASS	
	Ant1	5825	0.49	≤ 30.00	5.05	---	PASS	
	Ant2	5825	1.33	≤ 30.00	6.63	---	PASS	
	11N20MIMO	Ant1	5180	-1.30	≤ 9.05	3.26	≤ 8.05	PASS
		Ant2	5180	-0.36	≤ 9.05	4.94	≤ 8.05	PASS
total		5180	2.21	≤ 9.05	7.19	≤ 8.05	PASS	
Ant1		5200	-1.77	≤ 9.05	2.79	≤ 8.05	PASS	
Ant2		5200	-0.61	≤ 9.05	4.69	≤ 8.05	PASS	
total		5200	1.86	≤ 9.05	6.85	≤ 8.05	PASS	
Ant1		5240	-1.95	≤ 9.05	2.61	≤ 8.05	PASS	
Ant2		5240	-1.04	≤ 9.05	4.26	≤ 8.05	PASS	
total		5240	1.54	≤ 9.05	6.52	≤ 8.05	PASS	
Ant1		5260	-3.22	≤ 9.05	1.34	---	PASS	

	Ant2	5260	-1.92	≤9.05	3.38	---	PASS
	total	5260	0.49	≤9.05	5.49	---	PASS
	Ant1	5280	-3.14	≤9.05	1.42	---	PASS
	Ant2	5280	-1.98	≤9.05	3.32	---	PASS
	total	5280	0.49	≤9.05	5.48	---	PASS
	Ant1	5320	-3.33	≤9.05	1.23	---	PASS
	Ant2	5320	-2.60	≤9.05	2.70	---	PASS
	total	5320	0.06	≤9.05	5.04	---	PASS
	Ant1	5500	0.29	≤9.05	4.85	---	PASS
	Ant2	5500	1.59	≤9.05	6.89	---	PASS
	total	5500	4.00	≤9.05	9.00	---	PASS
	Ant1	5580	1.02	≤9.05	5.58	---	PASS
	Ant2	5580	2.19	≤9.05	7.49	---	PASS
	total	5580	4.65	≤9.05	9.65	---	PASS
	Ant1	5700	0.32	≤9.05	4.88	---	PASS
	Ant2	5700	1.17	≤9.05	6.47	---	PASS
	total	5700	3.78	≤9.05	8.76	---	PASS
	Ant1	5720 UNII-2C	0.41	≤9.05	4.97	---	PASS
	Ant2	5720 UNII-2C	0.84	≤9.05	6.14	---	PASS
	total	5720 UNII-2C	3.64	≤9.05	8.60	---	PASS
	Ant1	5720 UNII-3	-3.15	≤28.05	1.41	---	PASS
	Ant2	5720 UNII-3	-2.39	≤28.05	2.91	---	PASS
	total	5720 UNII-3	0.26	≤28.05	5.23	---	PASS
	Ant1	5745	-1.69	≤28.05	2.87	---	PASS
	Ant2	5745	-1.19	≤28.05	4.11	---	PASS
	total	5745	1.58	≤28.05	6.54	---	PASS
	Ant1	5785	-1.49	≤28.05	3.07	---	PASS
	Ant2	5785	-0.37	≤28.05	4.93	---	PASS
	total	5785	2.12	≤28.05	7.11	---	PASS
	Ant1	5825	-1.34	≤28.05	3.22	---	PASS
	Ant2	5825	-0.63	≤28.05	4.67	---	PASS
	total	5825	2.04	≤28.05	7.02	---	PASS
11N40MIMO	Ant1	5190	-4.19	≤9.05	0.37	≤8.05	PASS
	Ant2	5190	-3.15	≤9.05	2.15	≤8.05	PASS
	total	5190	-0.63	≤9.05	4.36	≤8.05	PASS
	Ant1	5230	-4.74	≤9.05	-0.18	≤8.05	PASS
	Ant2	5230	-3.47	≤9.05	1.83	≤8.05	PASS
	total	5230	-1.05	≤9.05	3.95	≤8.05	PASS
	Ant1	5270	-5.14	≤9.05	-0.58	---	PASS
	Ant2	5270	-4.20	≤9.05	1.10	---	PASS
	total	5270	-1.63	≤9.05	3.35	---	PASS
	Ant1	5310	-4.30	≤9.05	0.26	---	PASS
	Ant2	5310	-3.92	≤9.05	1.38	---	PASS
	total	5310	-1.10	≤9.05	3.87	---	PASS
	Ant1	5510	-0.75	≤9.05	3.81	---	PASS
	Ant2	5510	0.21	≤9.05	5.51	---	PASS
	total	5510	2.77	≤9.05	7.75	---	PASS
	Ant1	5550	-0.40	≤9.05	4.16	---	PASS
	Ant2	5550	0.90	≤9.05	6.20	---	PASS
	total	5550	3.31	≤9.05	8.31	---	PASS
	Ant1	5670	-1.84	≤9.05	2.72	---	PASS
	Ant2	5670	-1.08	≤9.05	4.22	---	PASS
	total	5670	1.57	≤9.05	6.54	---	PASS
	Ant1	5710 UNII-2C	-1.54	≤9.05	3.02	---	PASS
	Ant2	5710 UNII-2C	-1.01	≤9.05	4.29	---	PASS
	total	5710 UNII-2C	1.74	≤9.05	6.71	---	PASS
	Ant1	5710 UNII-3	-6.20	≤28.05	-1.64	---	PASS
	Ant2	5710 UNII-3	-6.09	≤28.05	-0.79	---	PASS
	total	5710 UNII-3	-3.13	≤28.05	1.82	---	PASS
	Ant1	5755	-3.52	≤28.05	1.04	---	PASS
	Ant2	5755	-2.97	≤28.05	2.33	---	PASS
	total	5755	-0.23	≤28.05	4.74	---	PASS
	Ant1	5795	-3.13	≤28.05	1.43	---	PASS
	Ant2	5795	-2.17	≤28.05	3.13	---	PASS

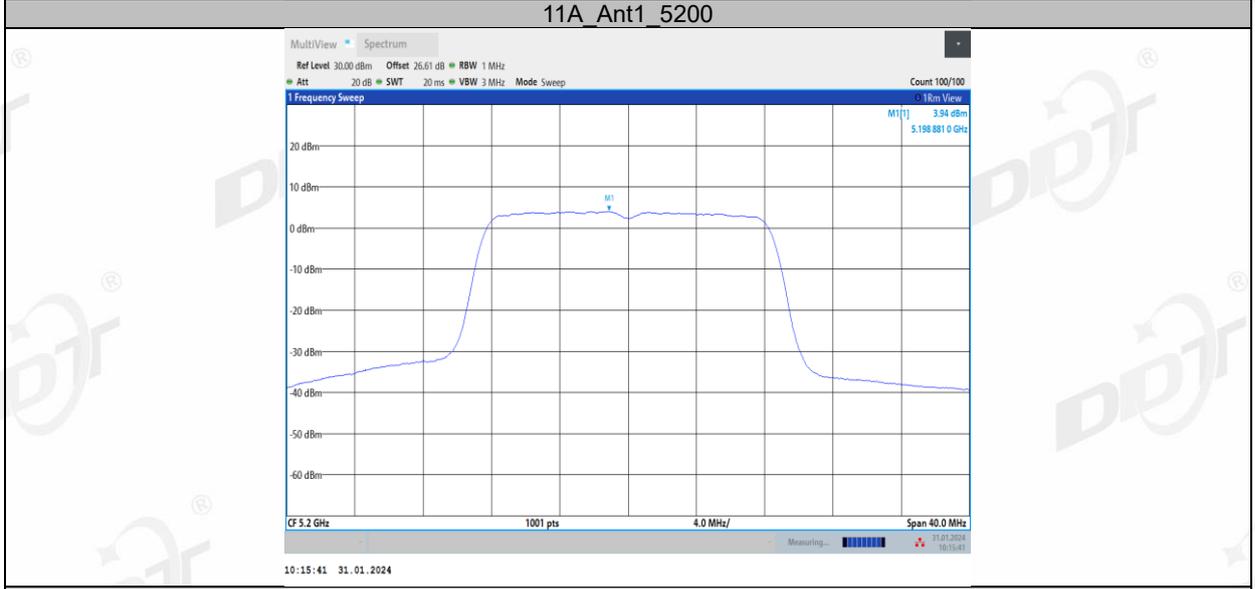
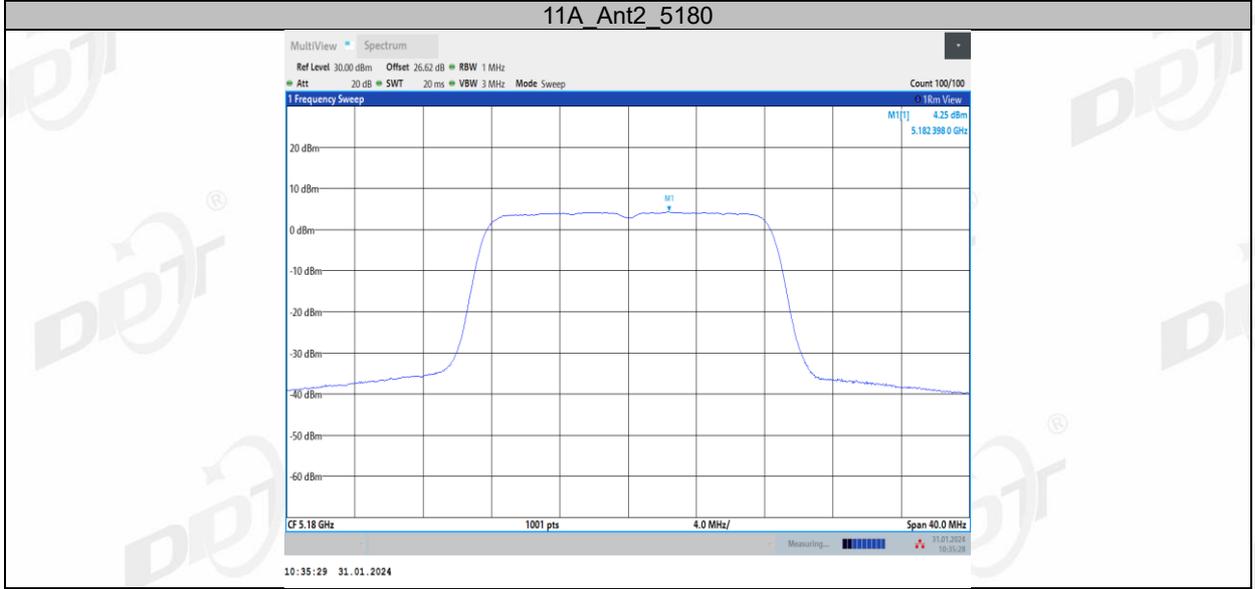
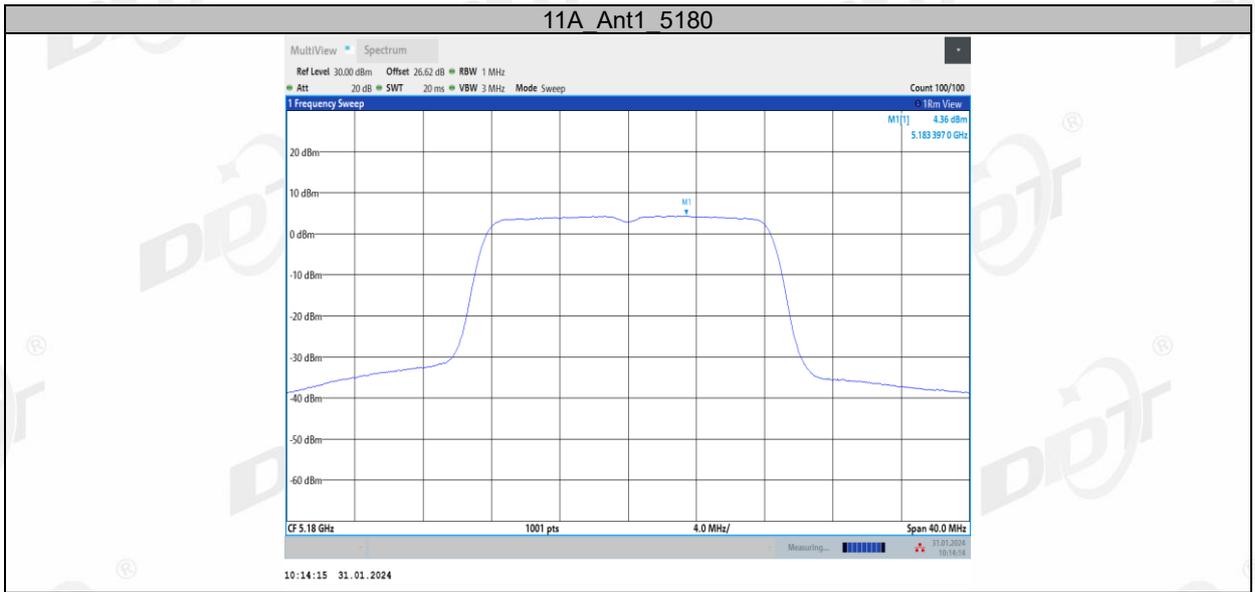
11AC20MIMO	total	5795	0.39	≤28.05	5.37	---	PASS
	Ant1	5180	-2.06	≤9.05	2.50	≤8.05	PASS
	Ant2	5180	-0.85	≤9.05	4.45	≤8.05	PASS
	total	5180	1.60	≤9.05	6.59	≤8.05	PASS
	Ant1	5200	-1.98	≤9.05	2.58	≤8.05	PASS
	Ant2	5200	-0.72	≤9.05	4.58	≤8.05	PASS
	total	5200	1.71	≤9.05	6.70	≤8.05	PASS
	Ant1	5240	-2.23	≤9.05	2.33	≤8.05	PASS
	Ant2	5240	-1.05	≤9.05	4.25	≤8.05	PASS
	total	5240	1.41	≤9.05	6.41	≤8.05	PASS
	Ant1	5260	-3.24	≤9.05	1.32	---	PASS
	Ant2	5260	-1.89	≤9.05	3.41	---	PASS
	total	5260	0.50	≤9.05	5.50	---	PASS
	Ant1	5280	-3.20	≤9.05	1.36	---	PASS
	Ant2	5280	-2.22	≤9.05	3.08	---	PASS
	total	5280	0.33	≤9.05	5.31	---	PASS
	Ant1	5320	-3.42	≤9.05	1.14	---	PASS
	Ant2	5320	-2.53	≤9.05	2.77	---	PASS
	total	5320	0.06	≤9.05	5.04	---	PASS
	Ant1	5500	0.40	≤9.05	4.96	---	PASS
	Ant2	5500	1.31	≤9.05	6.61	---	PASS
	total	5500	3.89	≤9.05	8.87	---	PASS
	Ant1	5580	0.89	≤9.05	5.45	---	PASS
	Ant2	5580	2.16	≤9.05	7.46	---	PASS
	total	5580	4.58	≤9.05	9.58	---	PASS
	Ant1	5700	0.25	≤9.05	4.81	---	PASS
	Ant2	5700	0.96	≤9.05	6.26	---	PASS
	total	5700	3.63	≤9.05	8.61	---	PASS
	Ant1	5720 UNII-2C	0.10	≤9.05	4.66	---	PASS
	Ant2	5720 UNII-2C	1.00	≤9.05	6.30	---	PASS
	total	5720 UNII-2C	3.58	≤9.05	8.57	---	PASS
	Ant1	5720 UNII-3	-3.26	≤28.05	1.30	---	PASS
	Ant2	5720 UNII-3	-2.60	≤28.05	2.70	---	PASS
total	5720 UNII-3	0.09	≤28.05	5.07	---	PASS	
Ant1	5745	-2.12	≤28.05	2.44	---	PASS	
Ant2	5745	-1.04	≤28.05	4.26	---	PASS	
total	5745	1.46	≤28.05	6.45	---	PASS	
Ant1	5785	-1.43	≤28.05	3.13	---	PASS	
Ant2	5785	-0.62	≤28.05	4.68	---	PASS	
total	5785	2.00	≤28.05	6.98	---	PASS	
Ant1	5825	-1.66	≤28.05	2.90	---	PASS	
Ant2	5825	-0.57	≤28.05	4.73	---	PASS	
total	5825	1.93	≤28.05	6.92	---	PASS	
11AC40MIMO	Ant1	5190	-4.51	≤9.05	0.05	≤8.05	PASS
	Ant2	5190	-3.38	≤9.05	1.92	≤8.05	PASS
	total	5190	-0.90	≤9.05	4.10	≤8.05	PASS
	Ant1	5230	-5.06	≤9.05	-0.50	≤8.05	PASS
	Ant2	5230	-3.64	≤9.05	1.66	≤8.05	PASS
	total	5230	-1.28	≤9.05	3.72	≤8.05	PASS
	Ant1	5270	-5.59	≤9.05	-1.03	---	PASS
	Ant2	5270	-4.46	≤9.05	0.84	---	PASS
	total	5270	-1.98	≤9.05	3.02	---	PASS
	Ant1	5310	-5.88	≤9.05	-1.32	---	PASS
	Ant2	5310	-4.95	≤9.05	0.35	---	PASS
	total	5310	-2.38	≤9.05	2.61	---	PASS
	Ant1	5510	-1.71	≤9.05	2.85	---	PASS
	Ant2	5510	-0.63	≤9.05	4.67	---	PASS
	total	5510	1.87	≤9.05	6.86	---	PASS
	Ant1	5550	-1.33	≤9.05	3.23	---	PASS
	Ant2	5550	-0.26	≤9.05	5.04	---	PASS
	total	5550	2.25	≤9.05	7.24	---	PASS
	Ant1	5670	-2.81	≤9.05	1.75	---	PASS
	Ant2	5670	-1.64	≤9.05	3.66	---	PASS
	total	5670	0.82	≤9.05	5.82	---	PASS

	Ant1	5710 UNII-2C	-2.29	≤9.05	2.27	---	PASS
	Ant2	5710 UNII-2C	-1.50	≤9.05	3.80	---	PASS
	total	5710 UNII-2C	1.13	≤9.05	6.11	---	PASS
	Ant1	5710 UNII-3	-7.11	≤28.05	-2.55	---	PASS
	Ant2	5710 UNII-3	-6.59	≤28.05	-1.29	---	PASS
	total	5710 UNII-3	-3.83	≤28.05	1.14	---	PASS
	Ant1	5755	-4.34	≤28.05	0.22	---	PASS
	Ant2	5755	-3.53	≤28.05	1.77	---	PASS
	total	5755	-0.91	≤28.05	4.07	---	PASS
	Ant1	5795	-3.72	≤28.05	0.84	---	PASS
	Ant2	5795	-2.85	≤28.05	2.45	---	PASS
	total	5795	-0.25	≤28.05	4.73	---	PASS
11AC80MIMO	Ant1	5210	-8.00	≤9.05	-3.44	≤8.05	PASS
	Ant2	5210	-6.10	≤9.05	-0.80	≤8.05	PASS
	total	5210	-3.94	≤9.05	1.09	≤8.05	PASS
	Ant1	5290	-8.41	≤9.05	-3.85	---	PASS
	Ant2	5290	-7.38	≤9.05	-2.08	---	PASS
	total	5290	-4.85	≤9.05	0.13	---	PASS
	Ant1	5530	-4.33	≤9.05	0.23	---	PASS
	Ant2	5530	-2.93	≤9.05	2.37	---	PASS
	total	5530	-0.56	≤9.05	4.44	---	PASS
	Ant1	5610	-4.39	≤9.05	0.17	---	PASS
	Ant2	5610	-2.87	≤9.05	2.43	---	PASS
	total	5610	-0.55	≤9.05	4.46	---	PASS
	Ant1	5690 UNII-2C	-4.87	≤9.05	-0.31	---	PASS
	Ant2	5690 UNII-2C	-4.07	≤9.05	1.23	---	PASS
	total	5690 UNII-2C	-1.44	≤9.05	3.54	---	PASS
	Ant1	5690 UNII-3	-11.74	≤28.05	-7.18	---	PASS
	Ant2	5690 UNII-3	-11.30	≤28.05	-6.00	---	PASS
	total	5690 UNII-3	-8.50	≤28.05	-3.54	---	PASS
	Ant1	5775	-6.44	≤28.05	-1.88	---	PASS
	Ant2	5775	-5.58	≤28.05	-0.28	---	PASS
total	5775	-2.98	≤28.05	2.00	---	PASS	

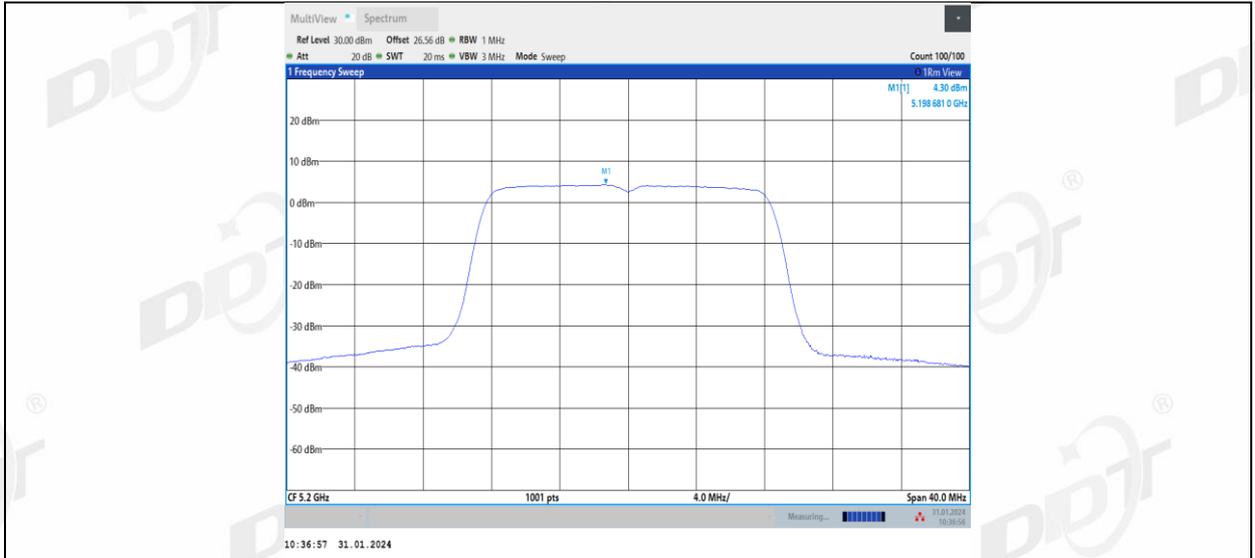
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor is compensated in the graph.

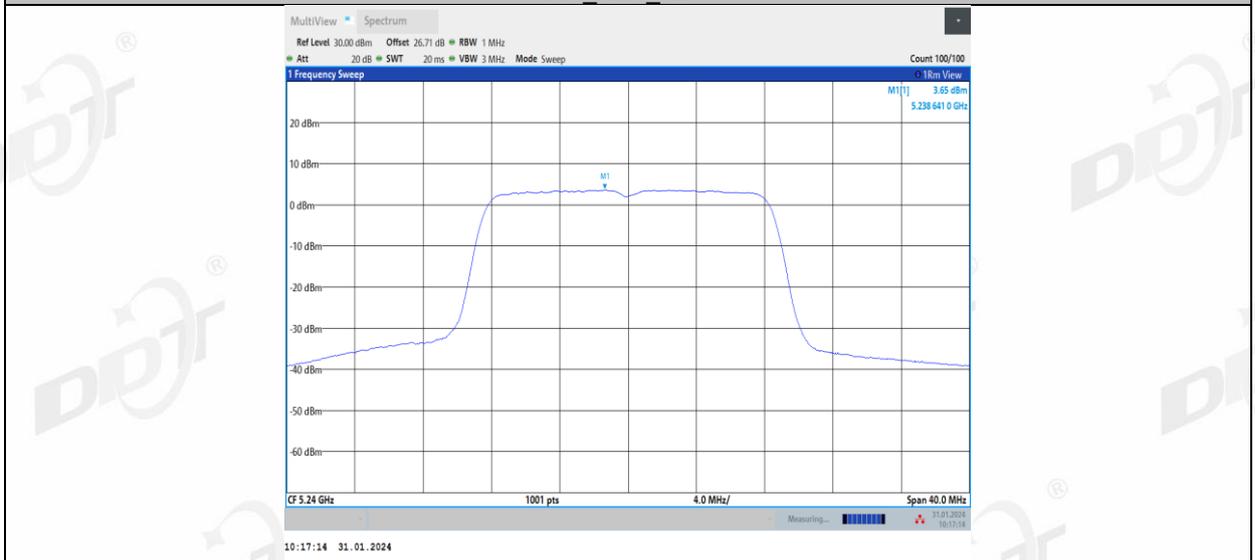
9.5. Test graphs



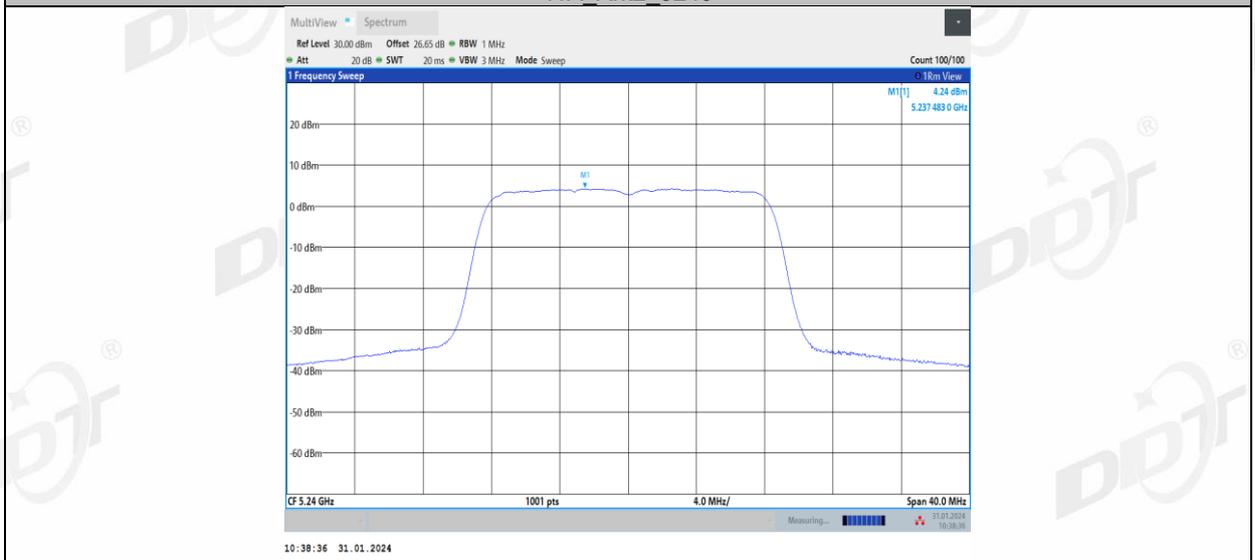
11A_Ant2_5200



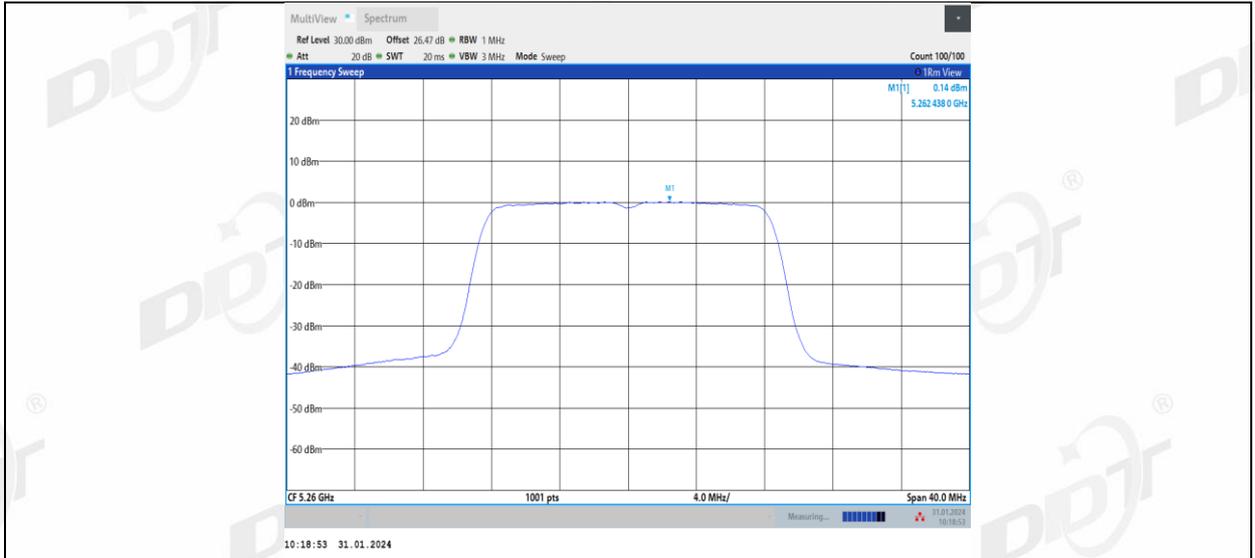
11A_Ant1_5240



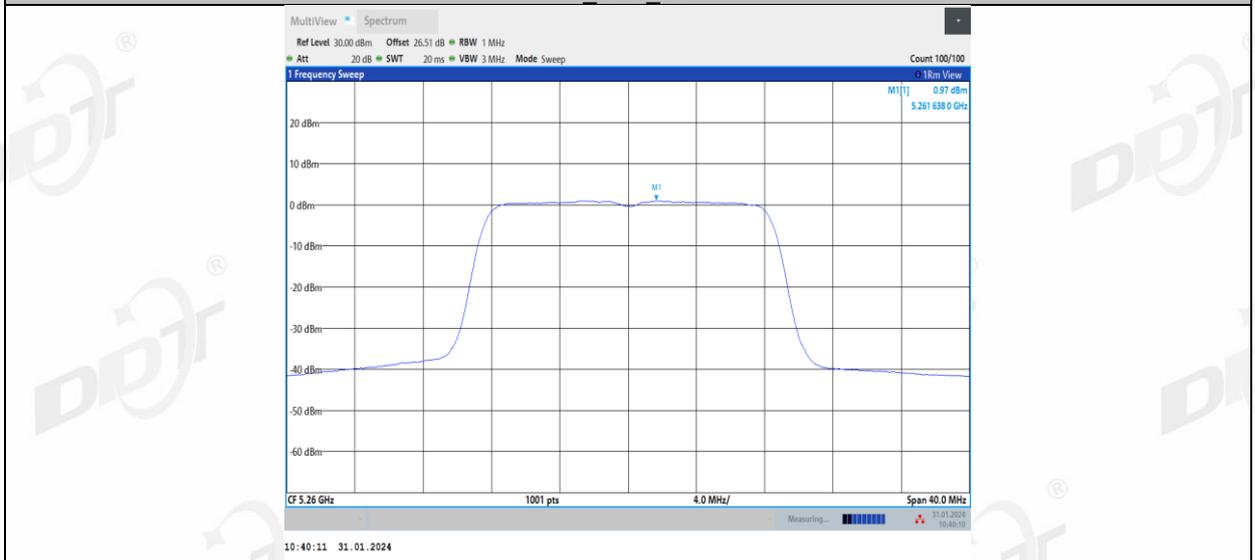
11A_Ant2_5240



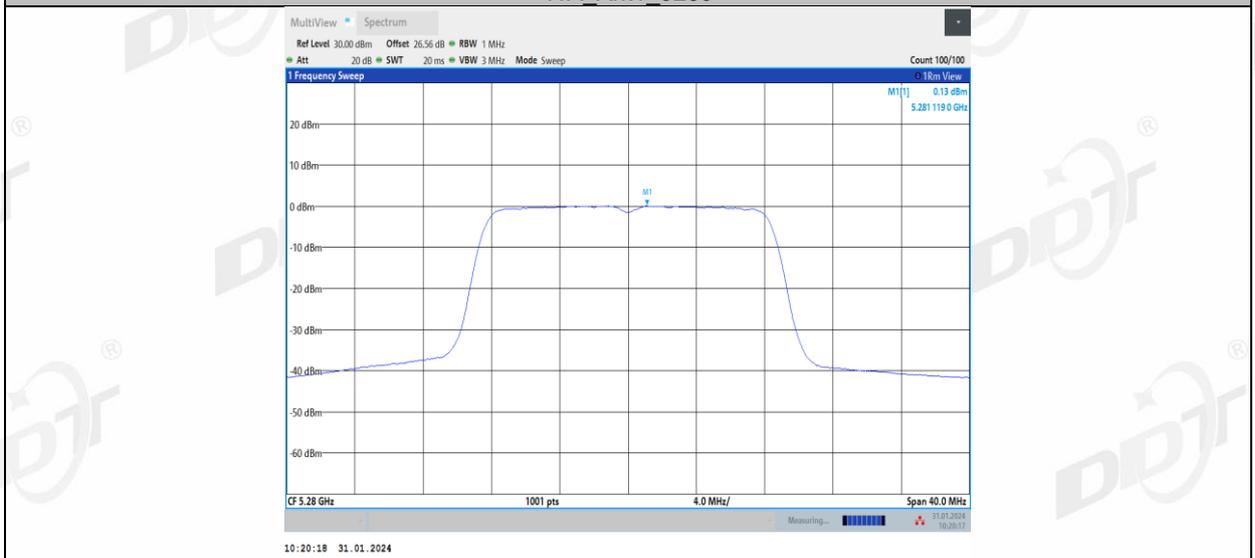
11A_Ant1_5260



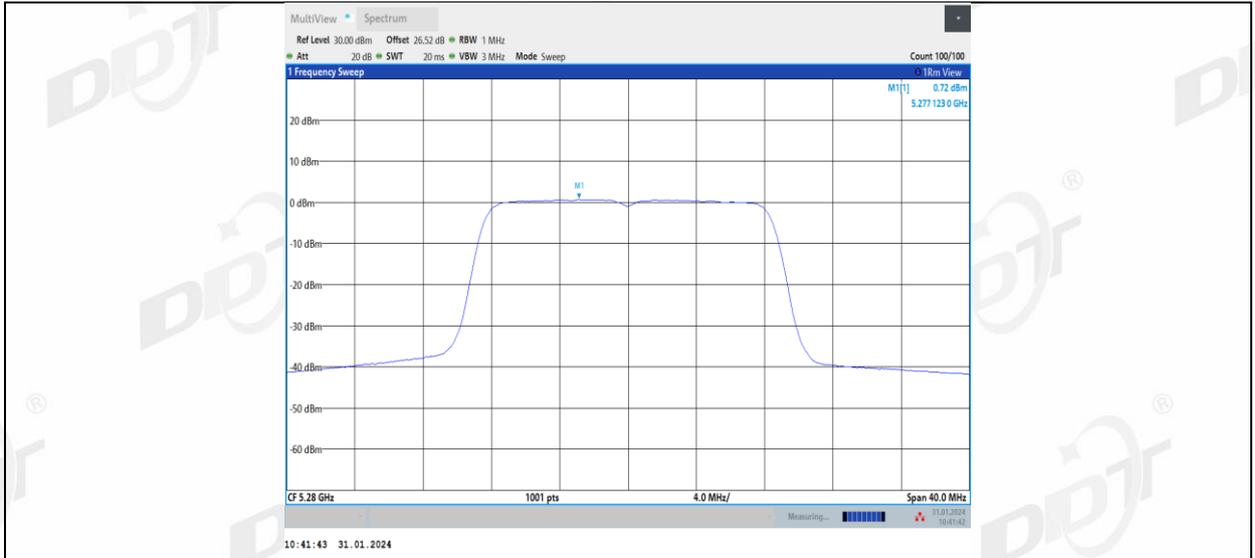
11A_Ant2_5260



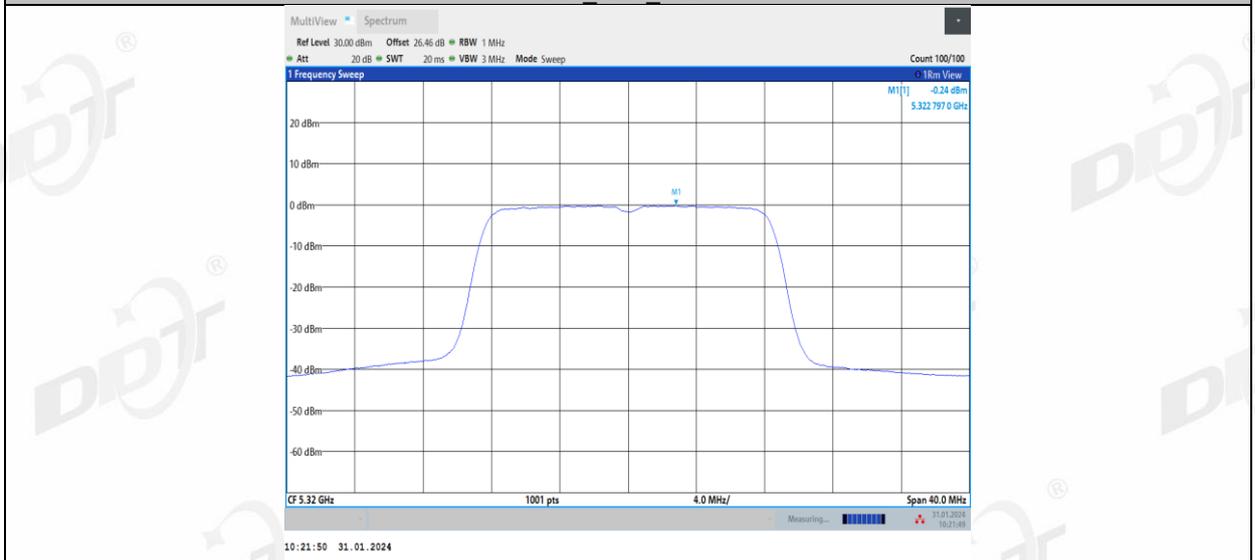
11A_Ant1_5280



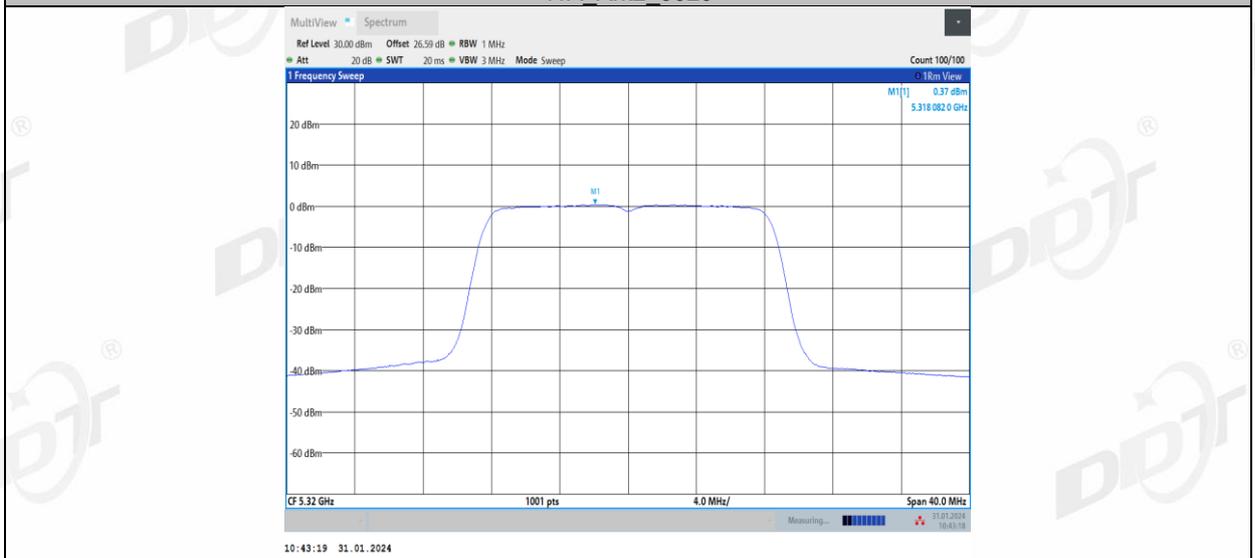
11A_Ant2_5280



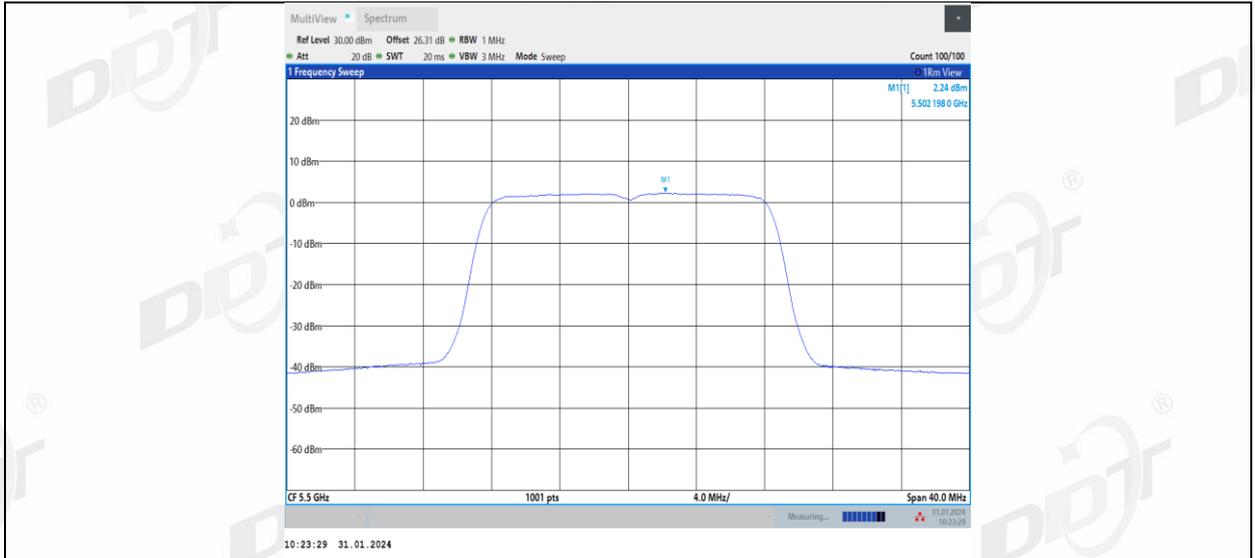
11A_Ant1_5320



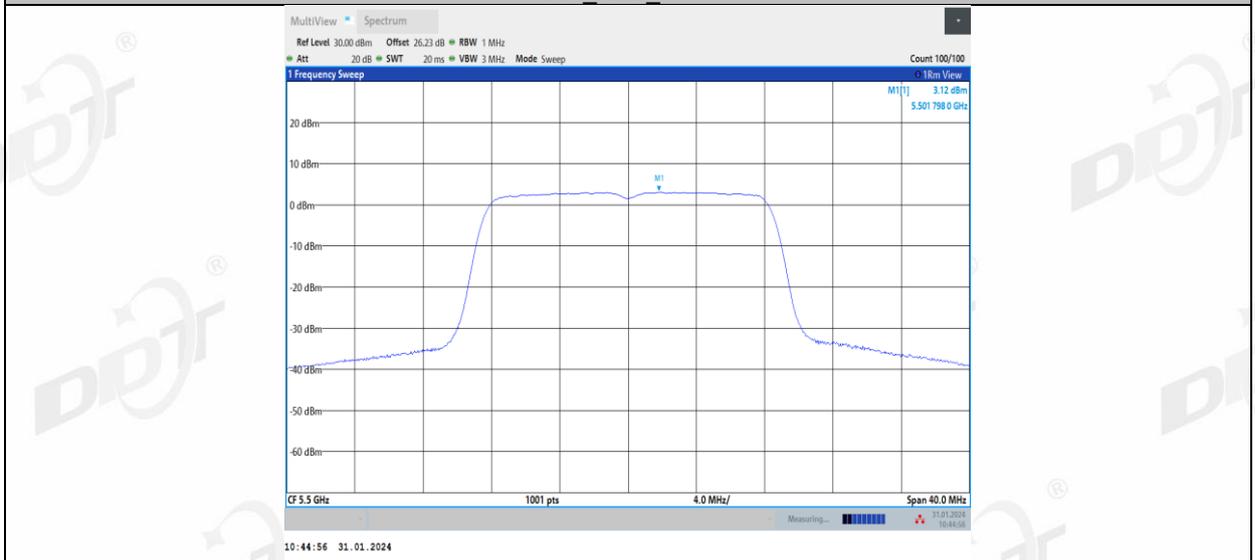
11A_Ant2_5320



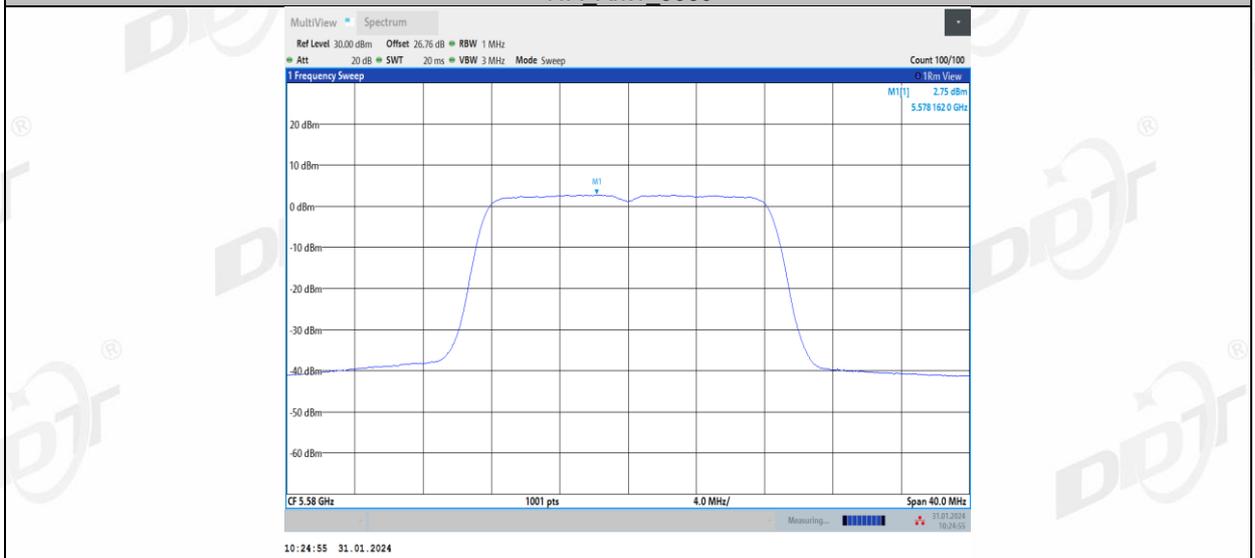
11A_Ant1_5500



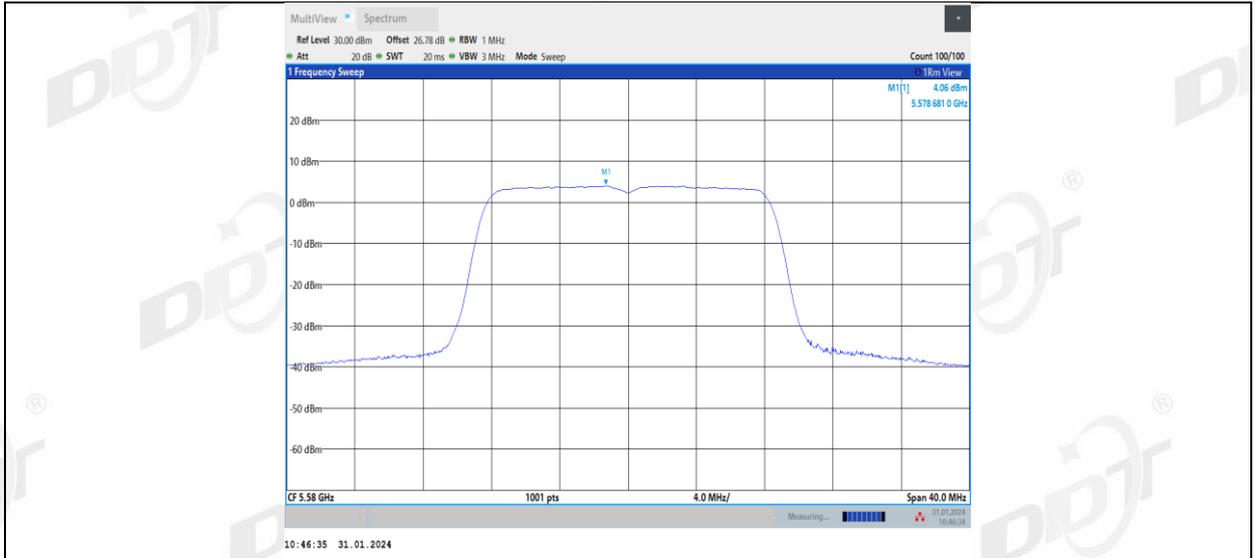
11A_Ant2_5500



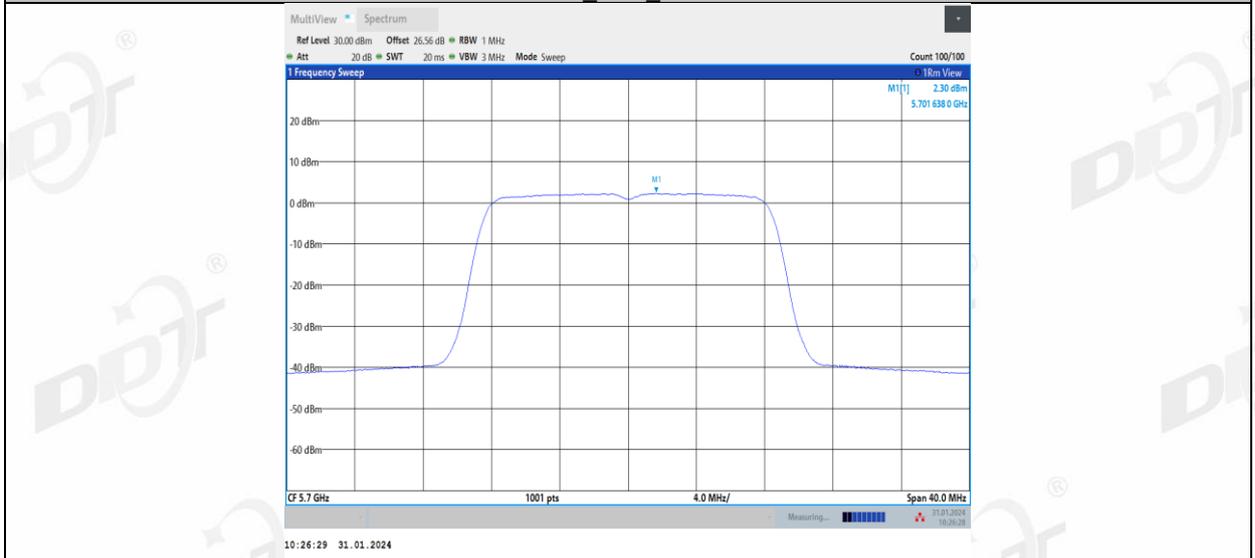
11A_Ant1_5580



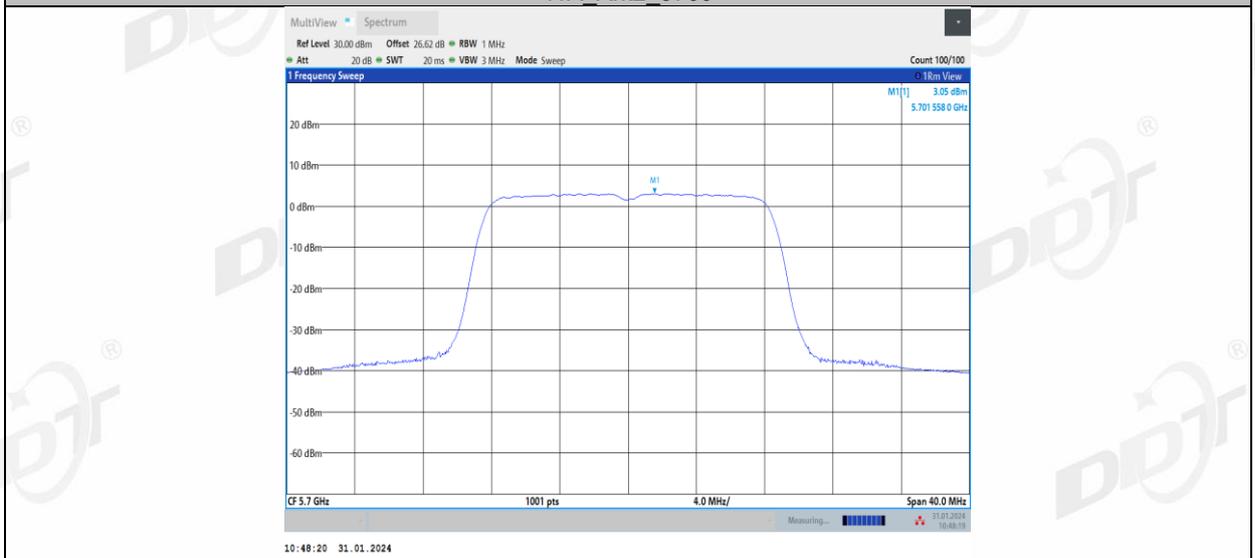
11A_Ant2_5580



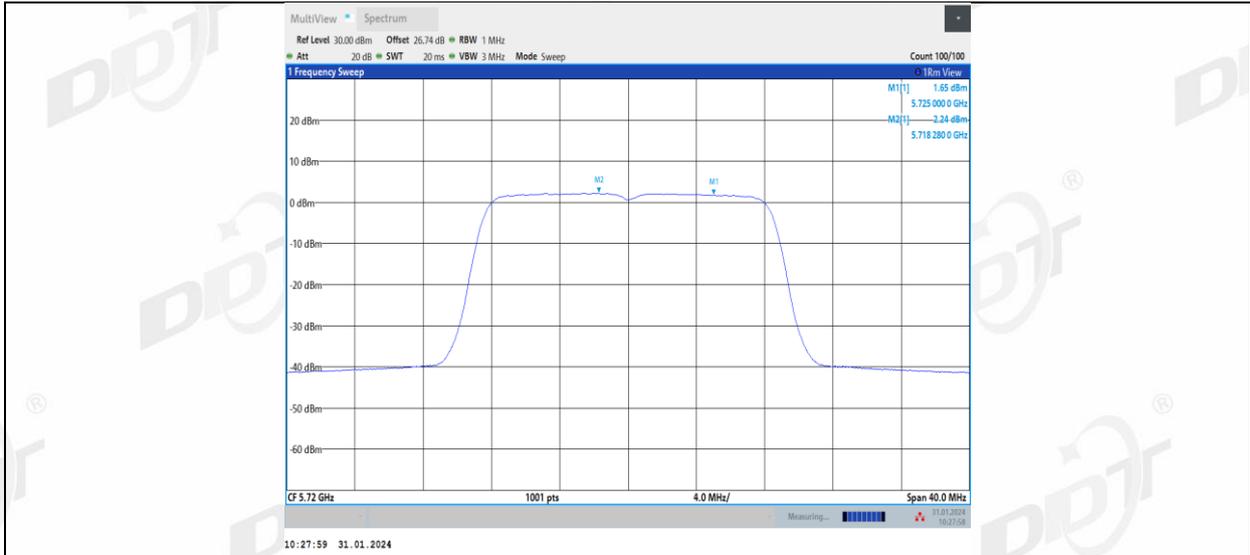
11A_Ant1_5700



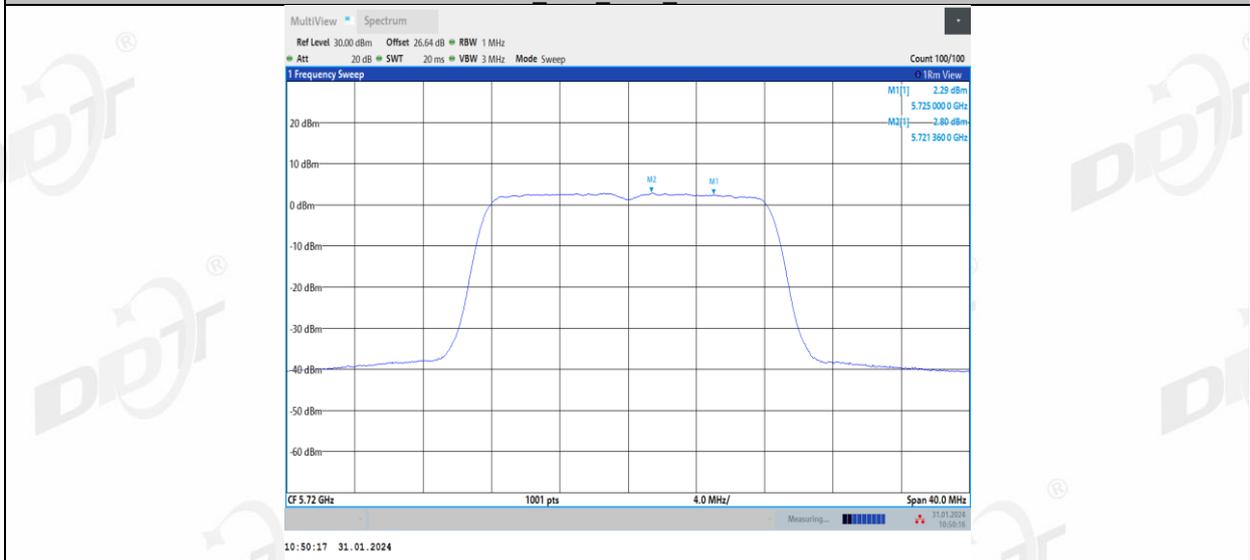
11A_Ant2_5700



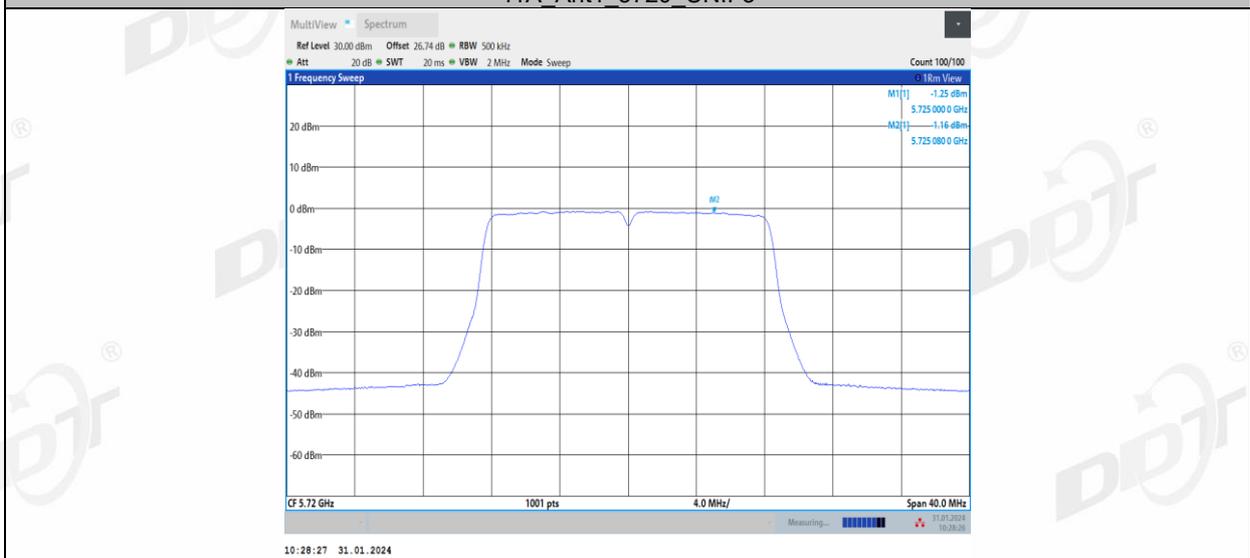
11A_Ant1_5720_UNII-2C



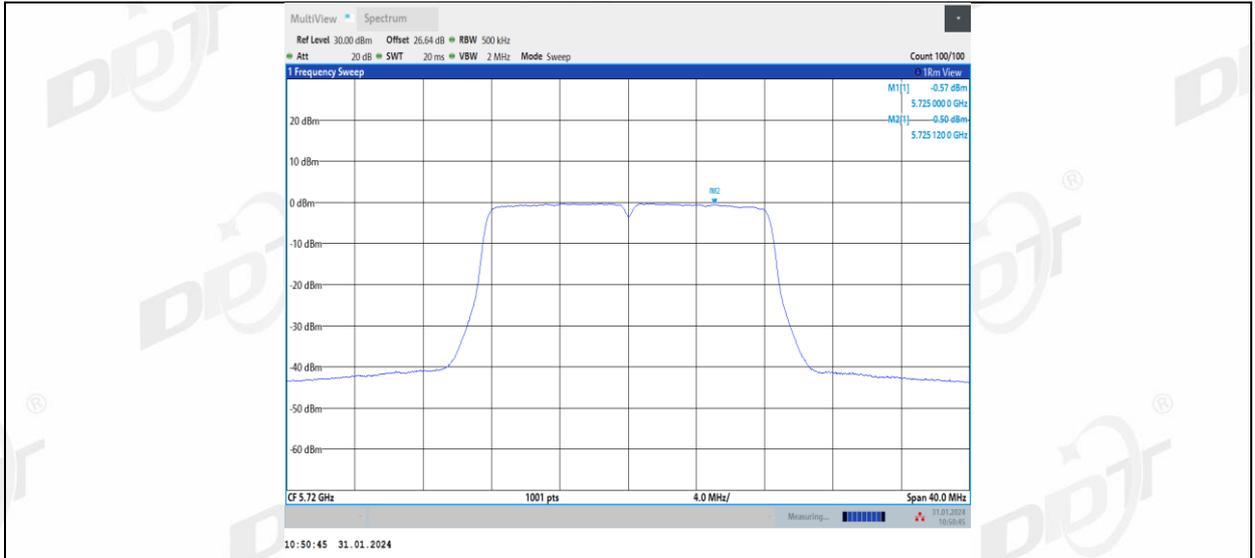
11A_Ant2_5720_UNII-2C



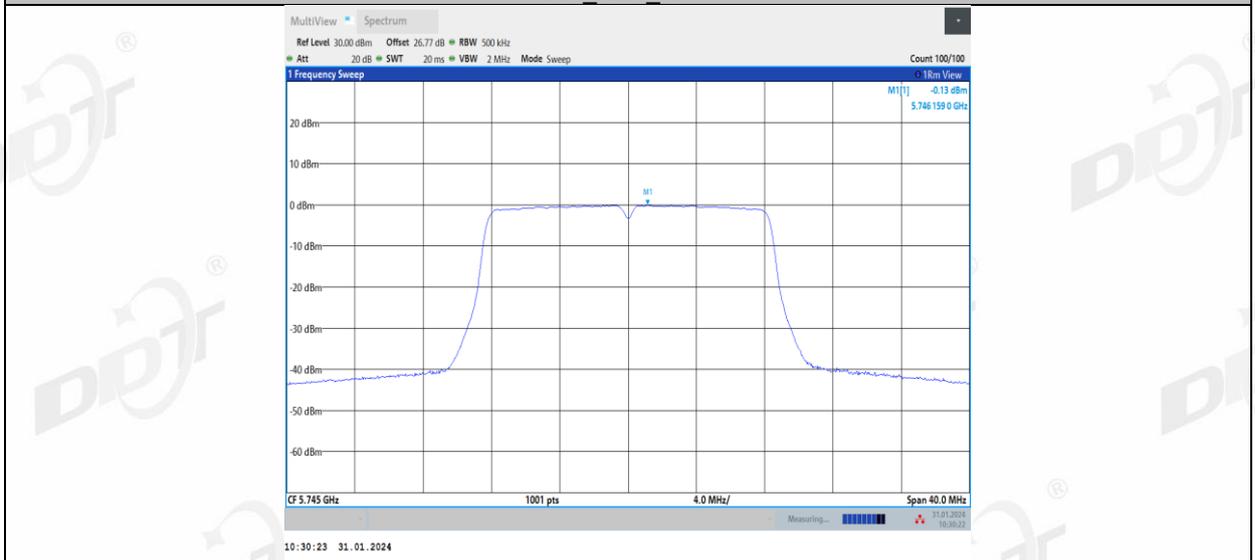
11A_Ant1_5720_UNII-3



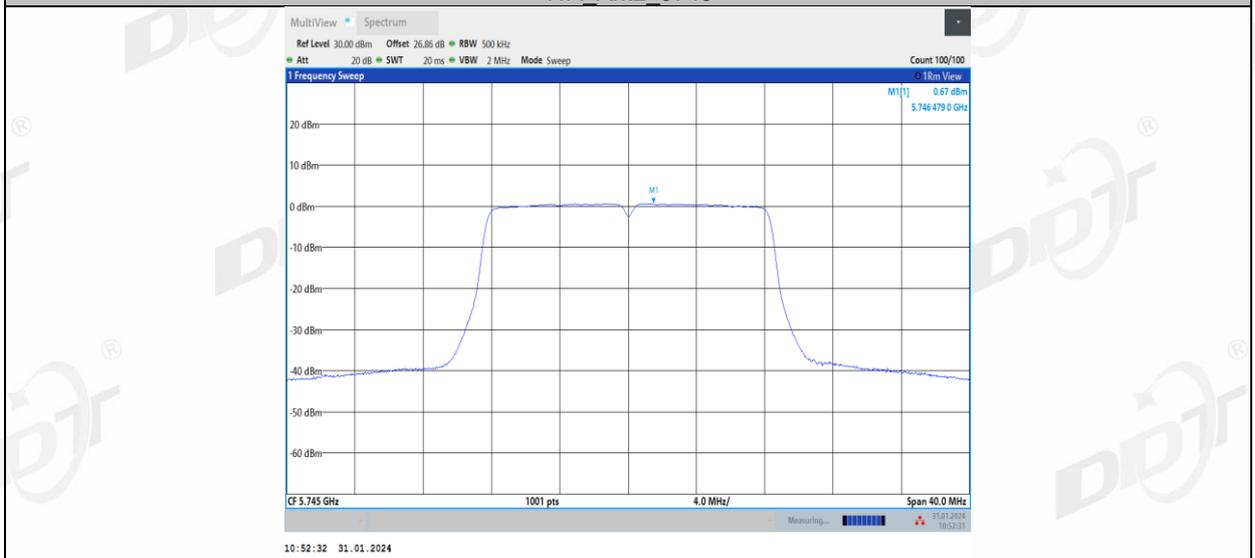
11A_Ant2_5720_UNII-3



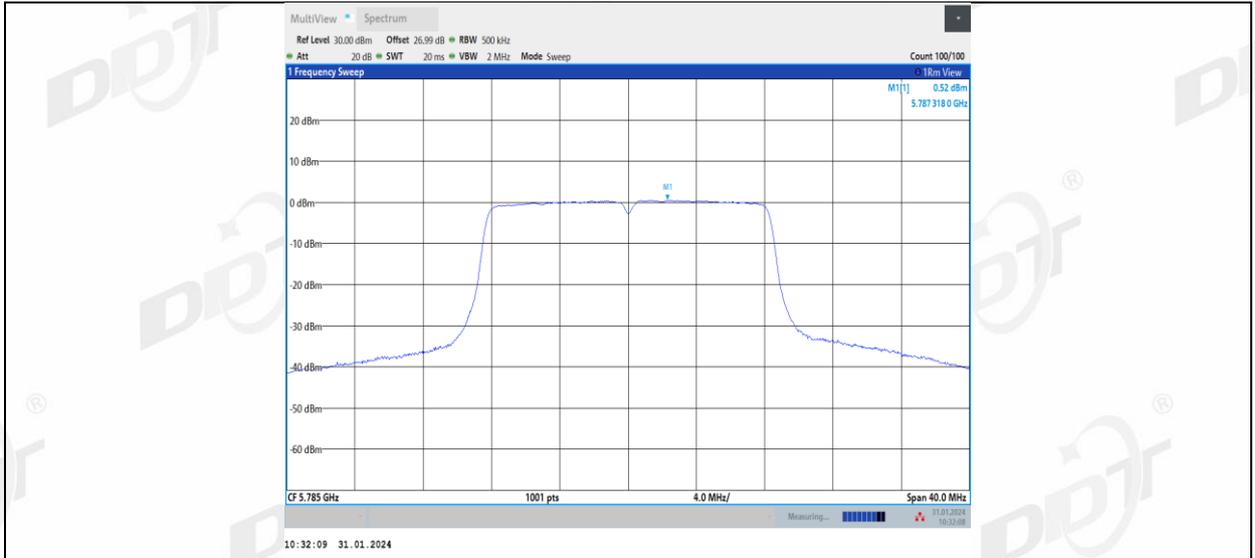
11A_Ant1_5745



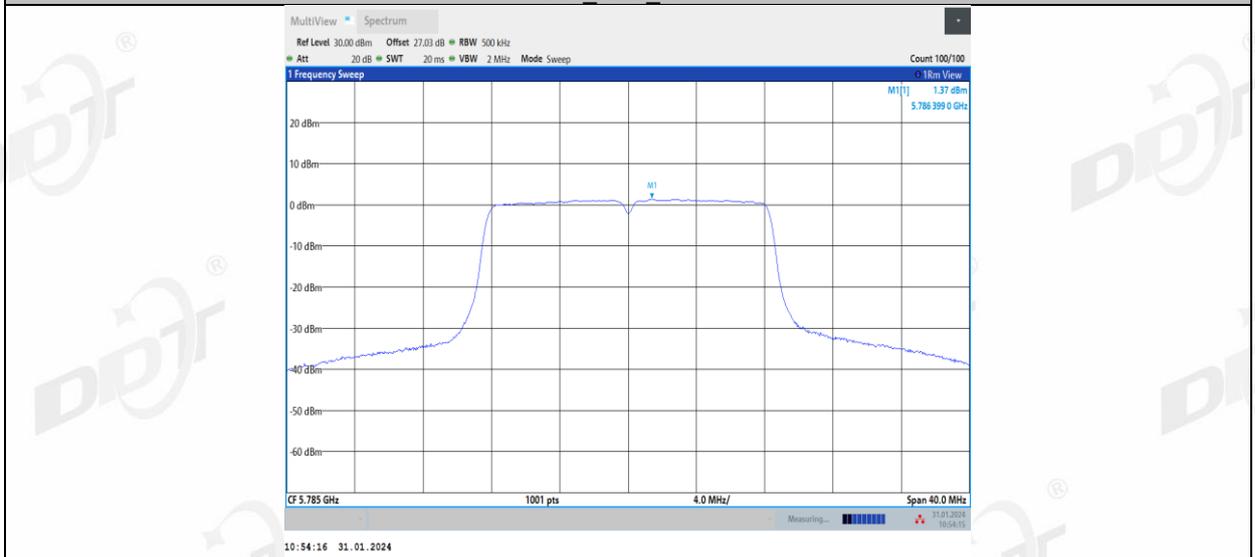
11A_Ant2_5745



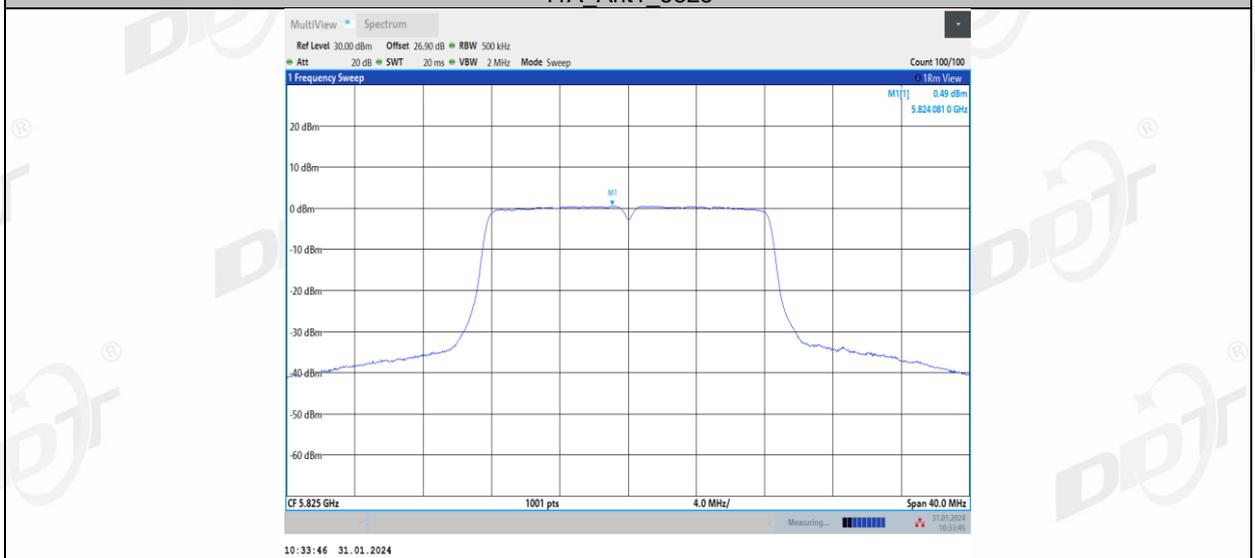
11A_Ant1_5785



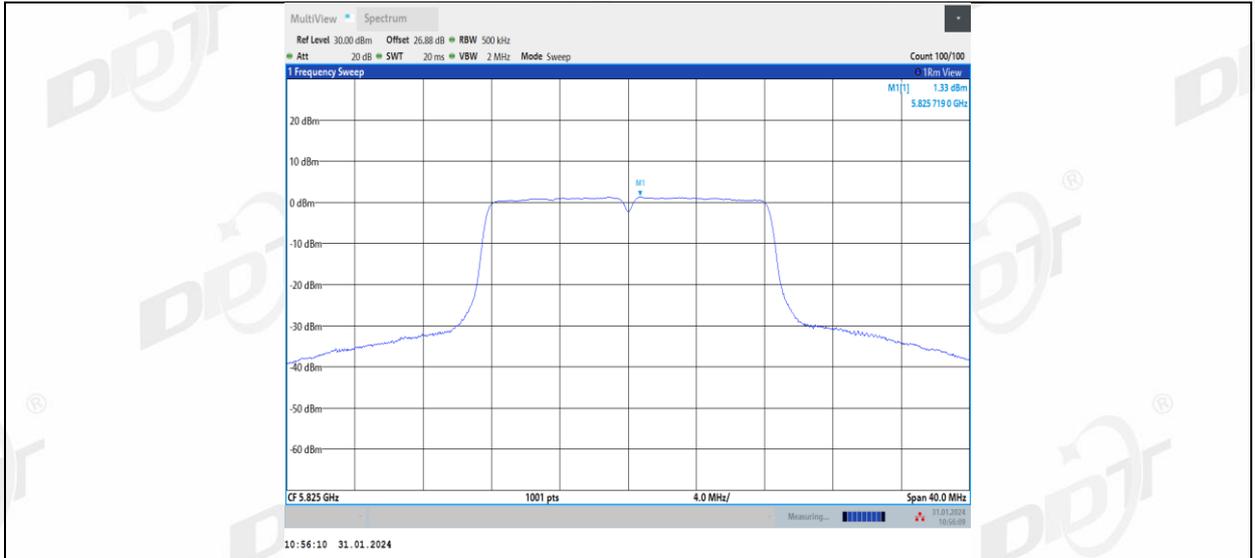
11A_Ant2_5785



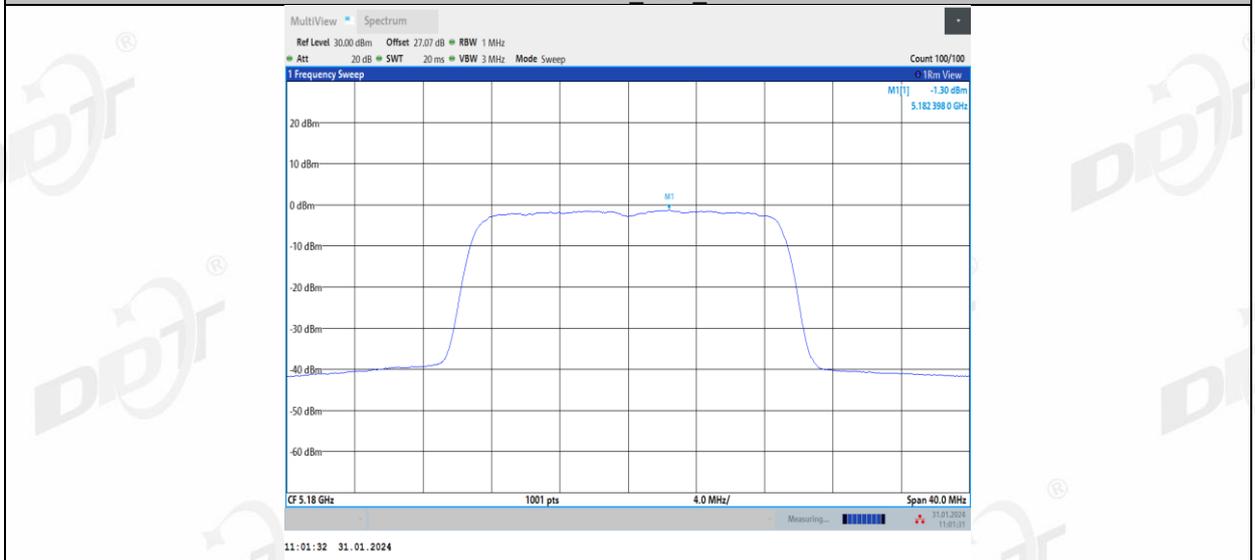
11A_Ant1_5825



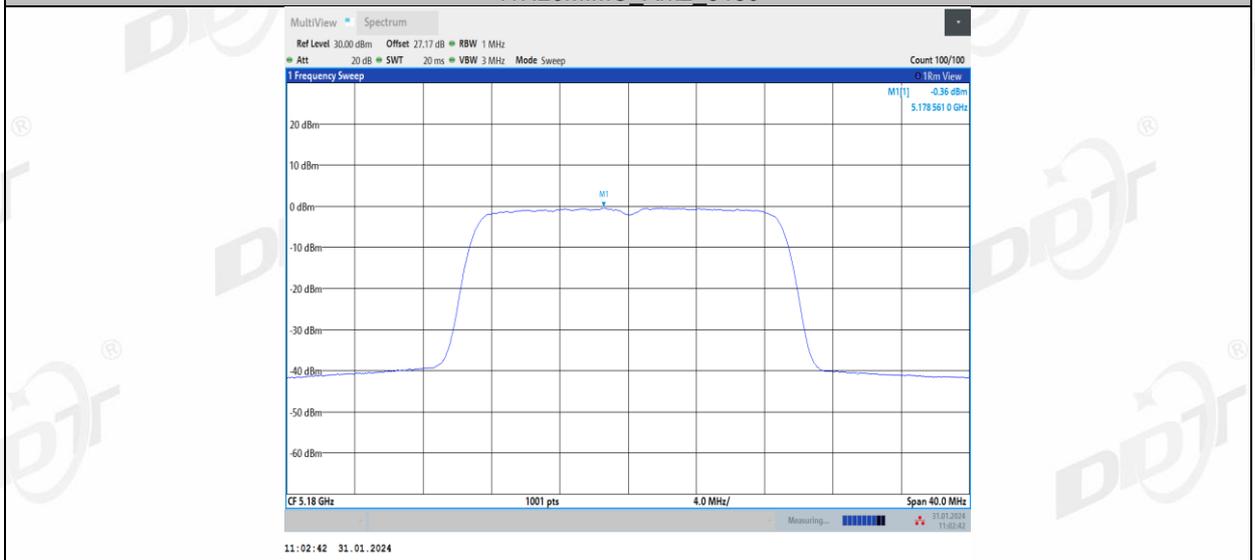
11A_Ant2_5825



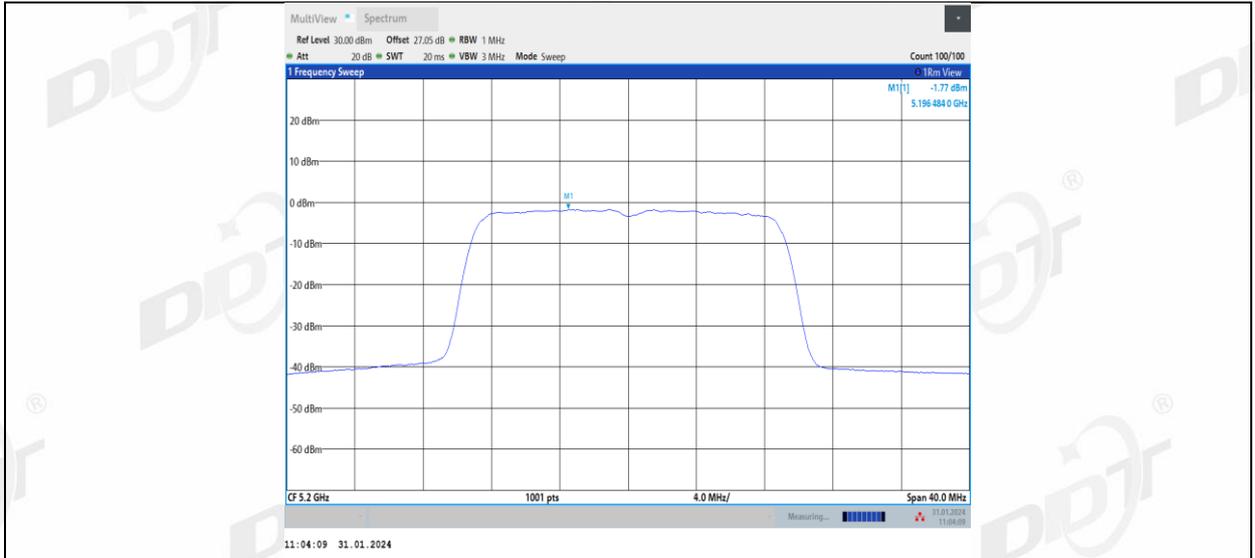
11N20MIMO_Ant1_5180



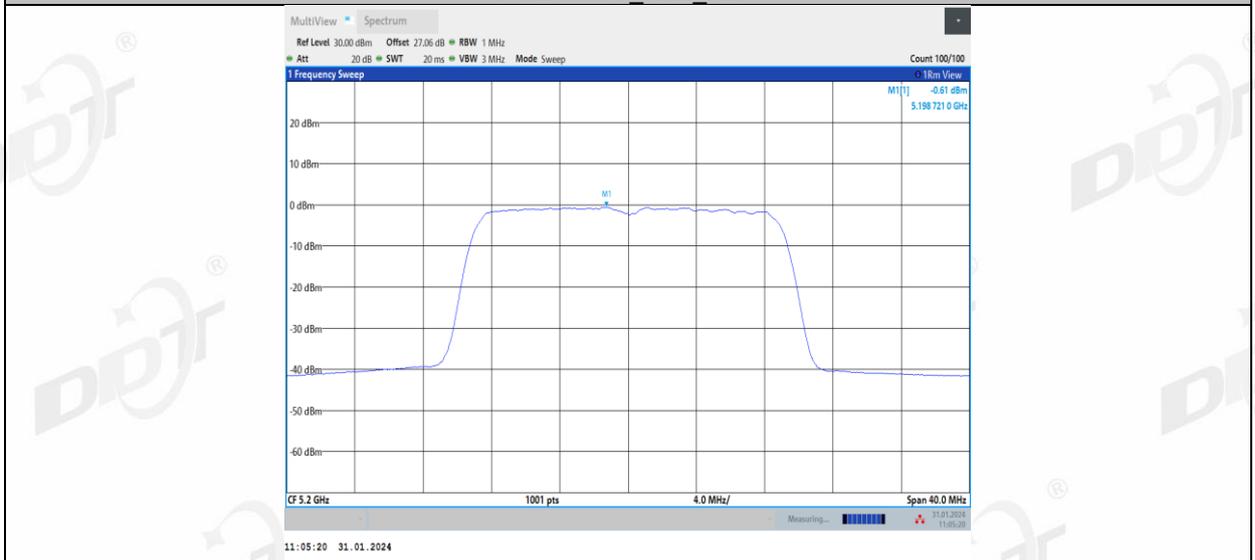
11N20MIMO_Ant2_5180



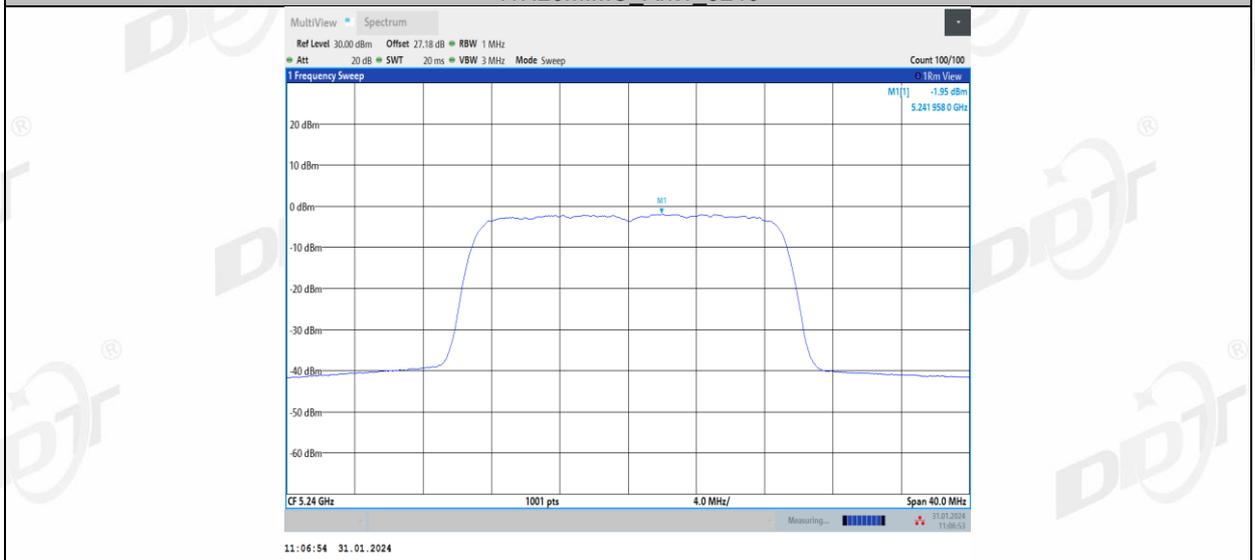
11N20MIMO_Ant1_5200



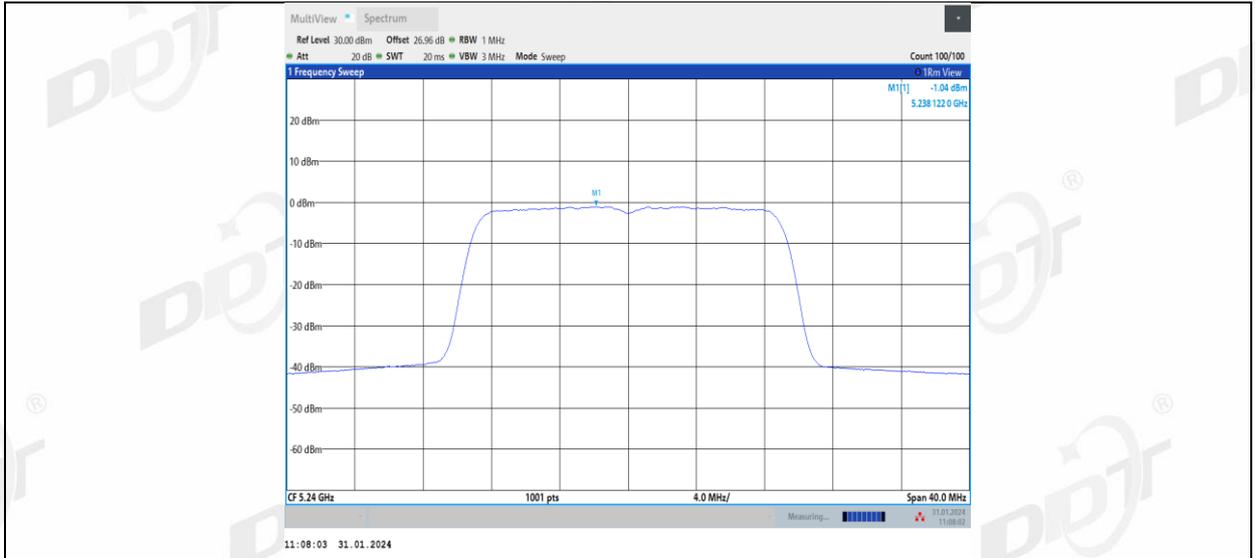
11N20MIMO_Ant2_5200



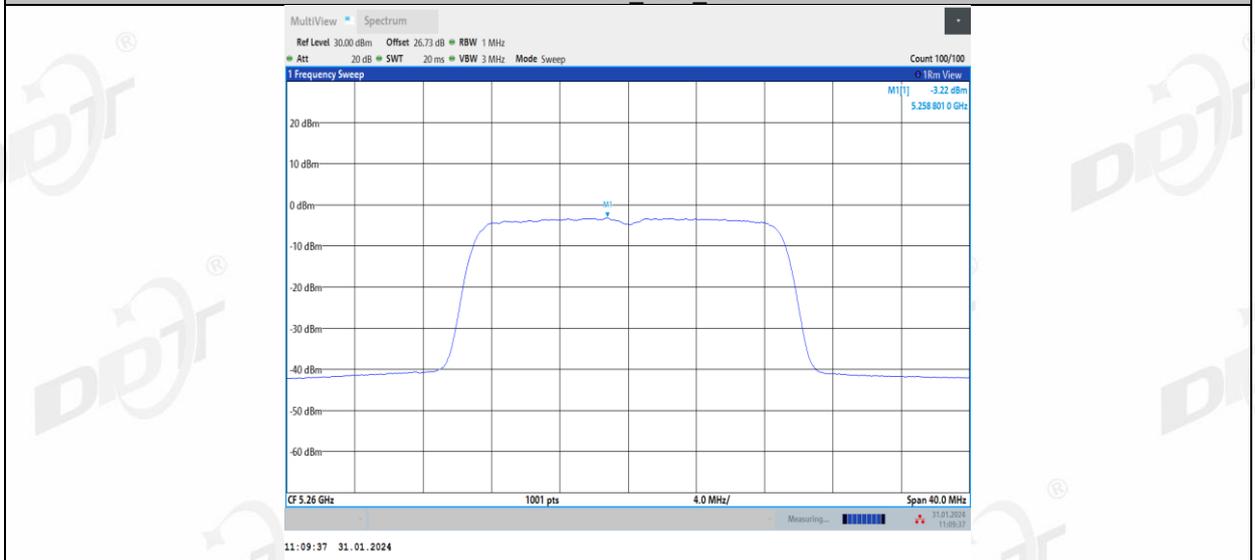
11N20MIMO_Ant1_5240



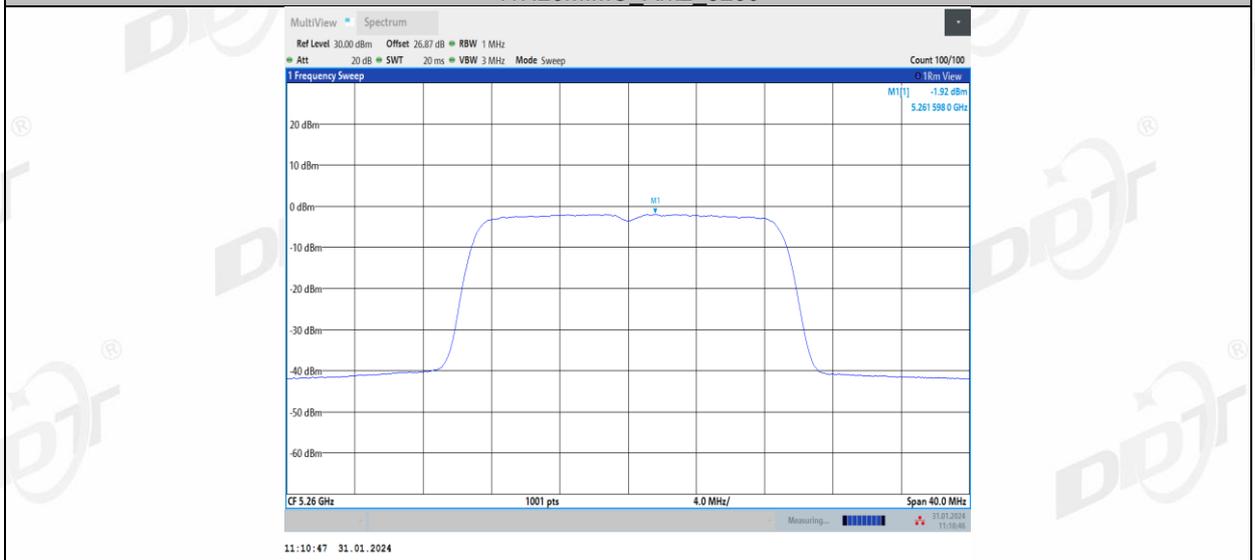
11N20MIMO_Ant2_5240



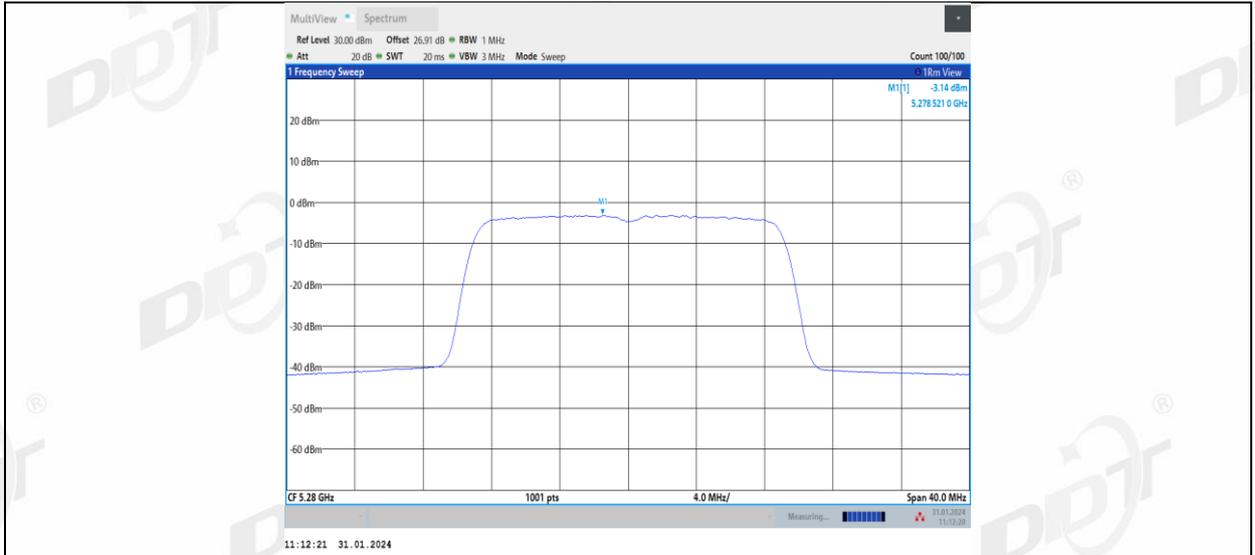
11N20MIMO_Ant1_5260



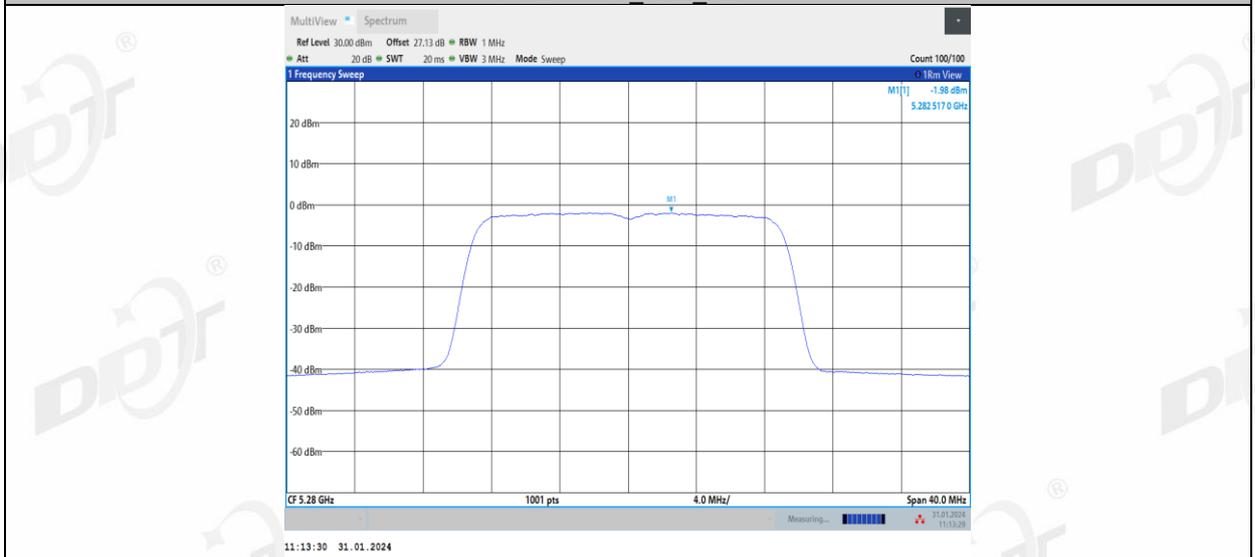
11N20MIMO_Ant2_5260



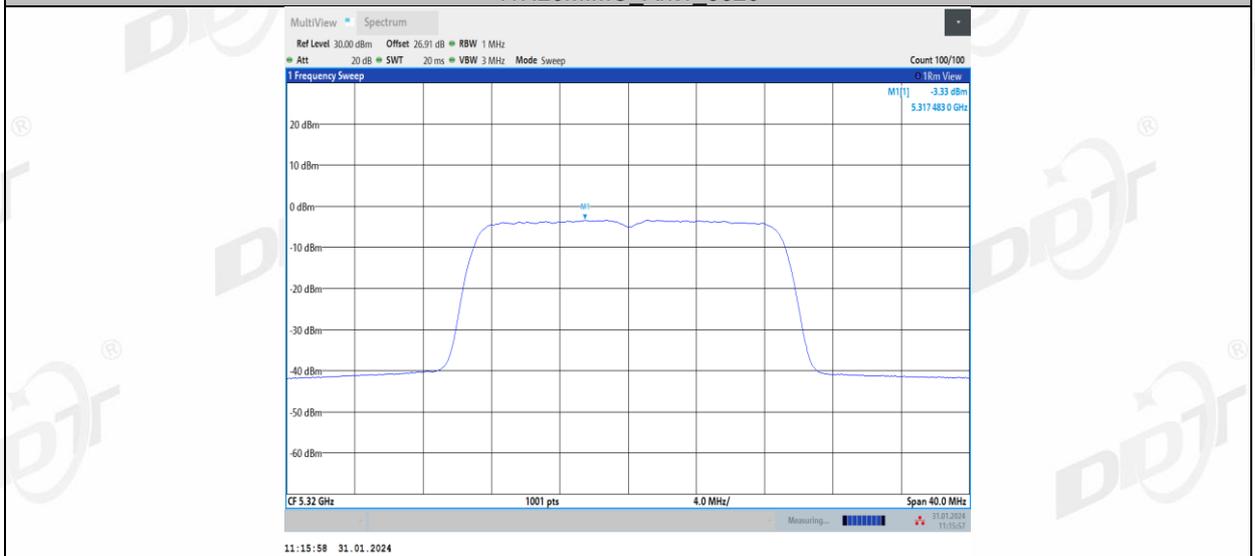
11N20MIMO_Ant1_5280



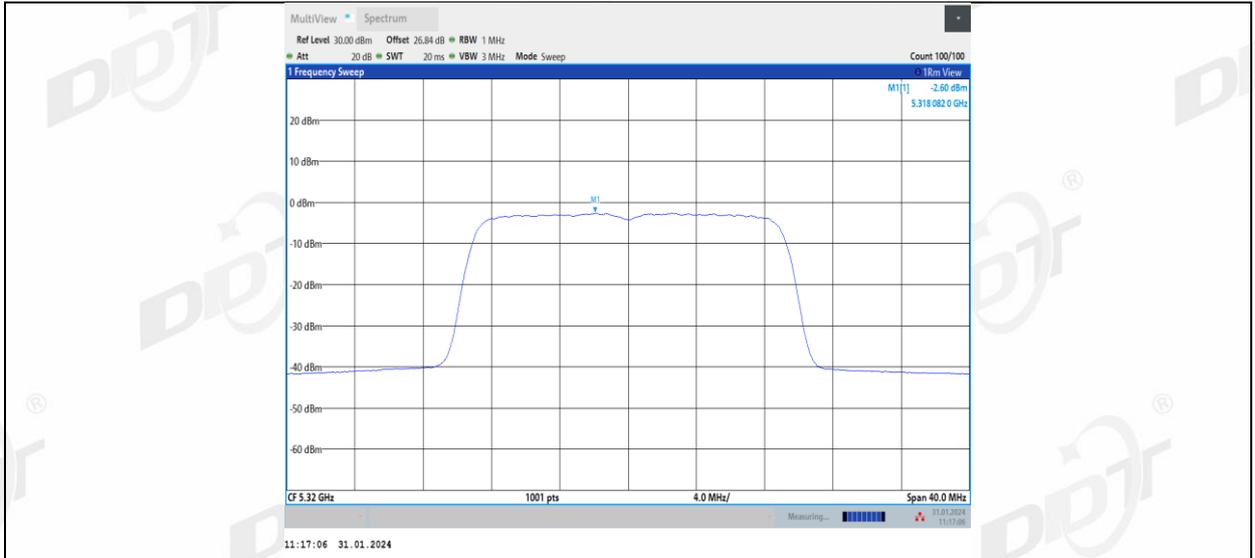
11N20MIMO_Ant2_5280



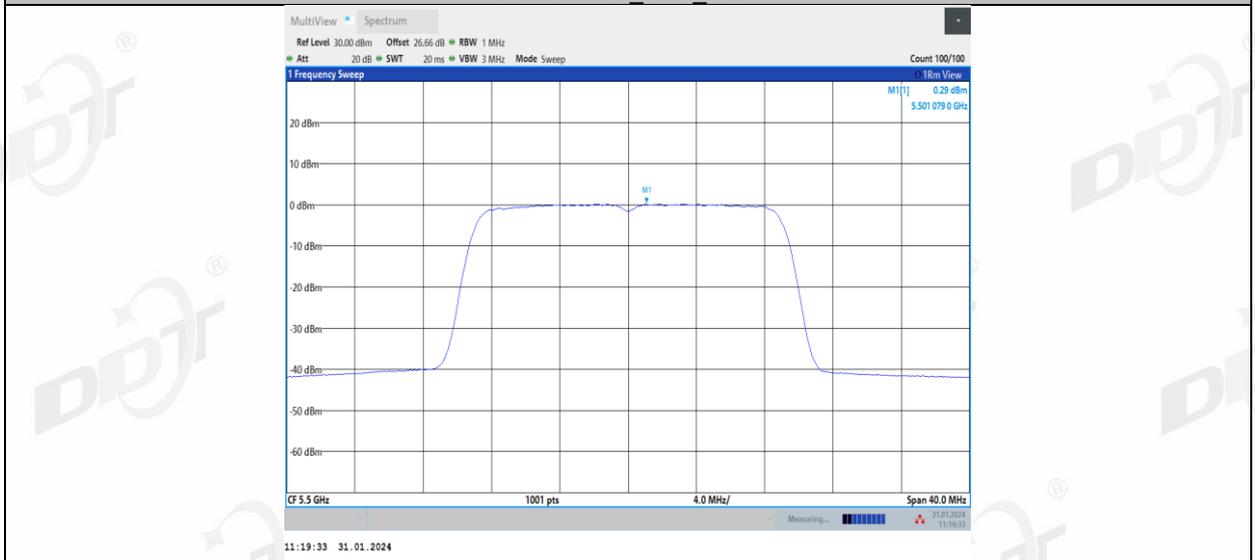
11N20MIMO_Ant1_5320



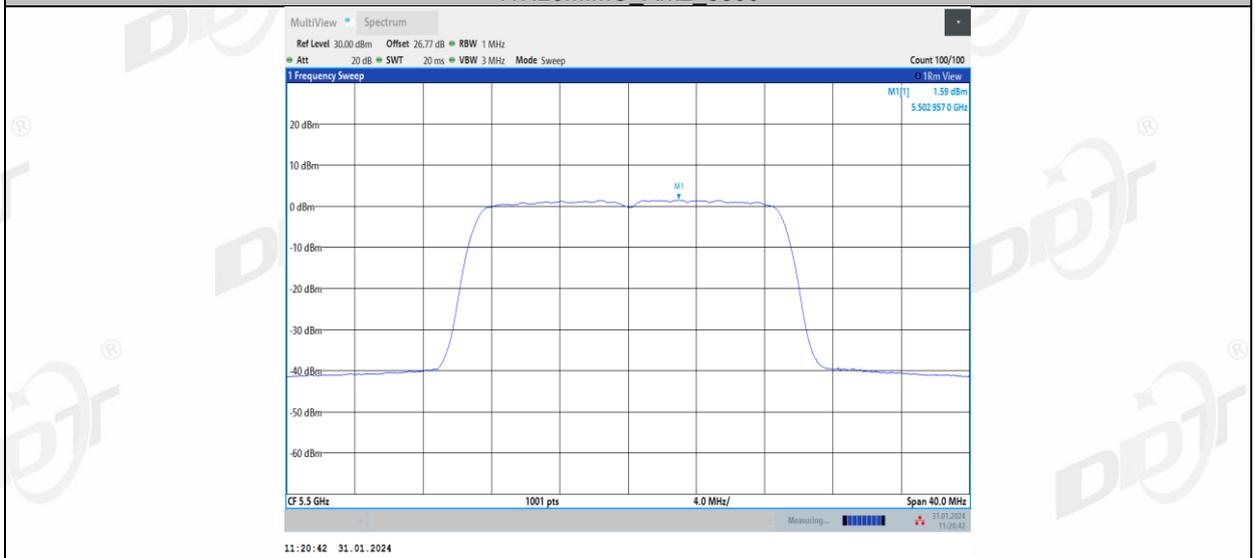
11N20MIMO_Ant2_5320



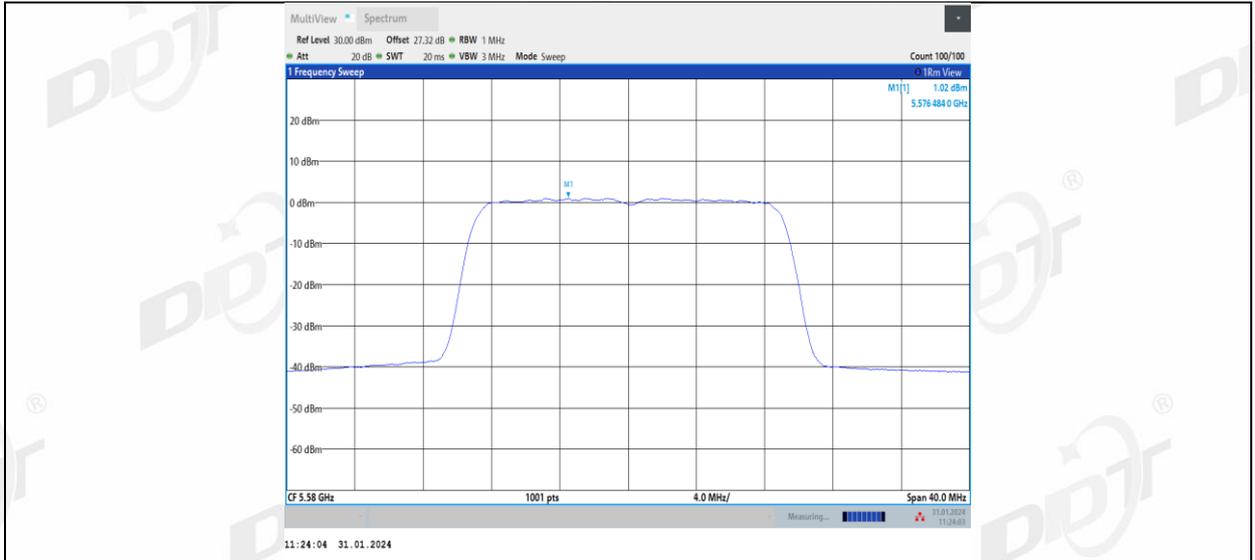
11N20MIMO_Ant1_5500



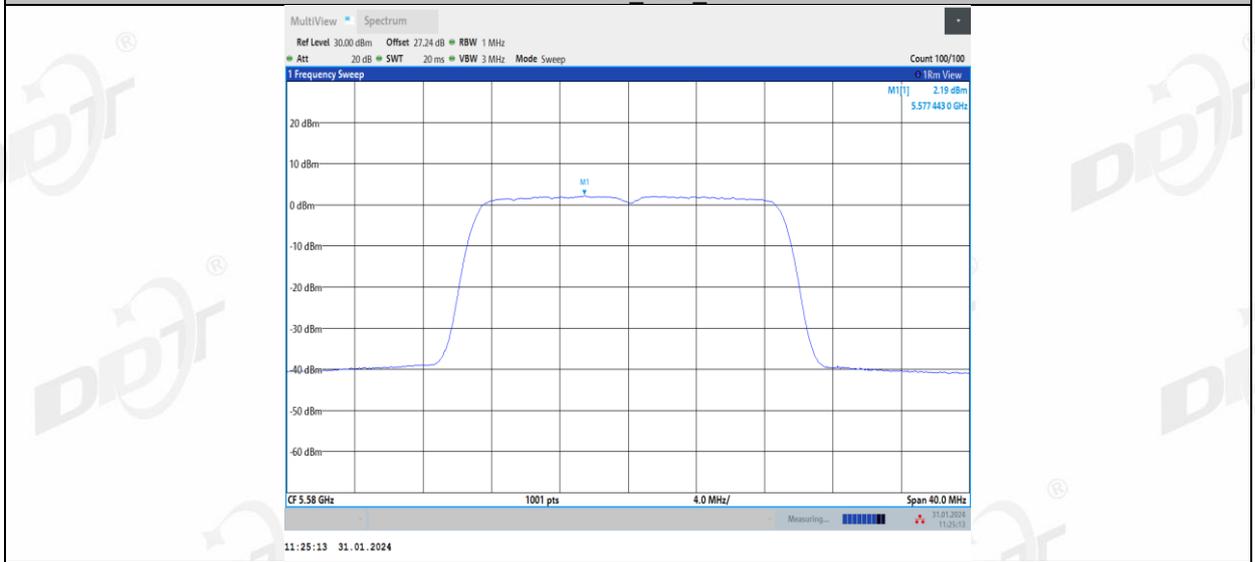
11N20MIMO_Ant2_5500



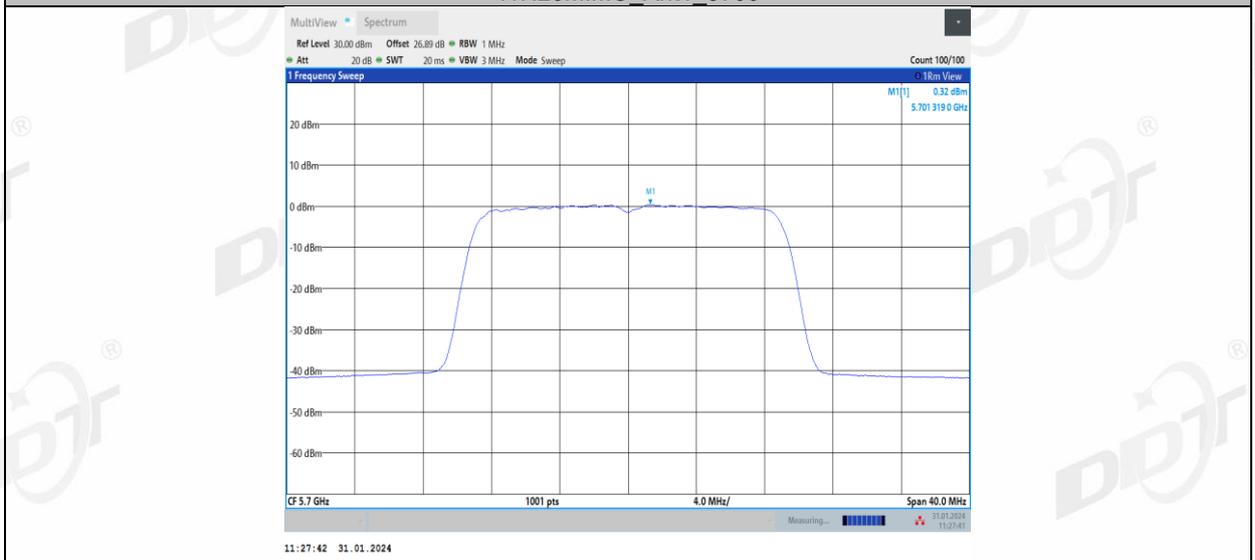
11N20MIMO_Ant1_5580



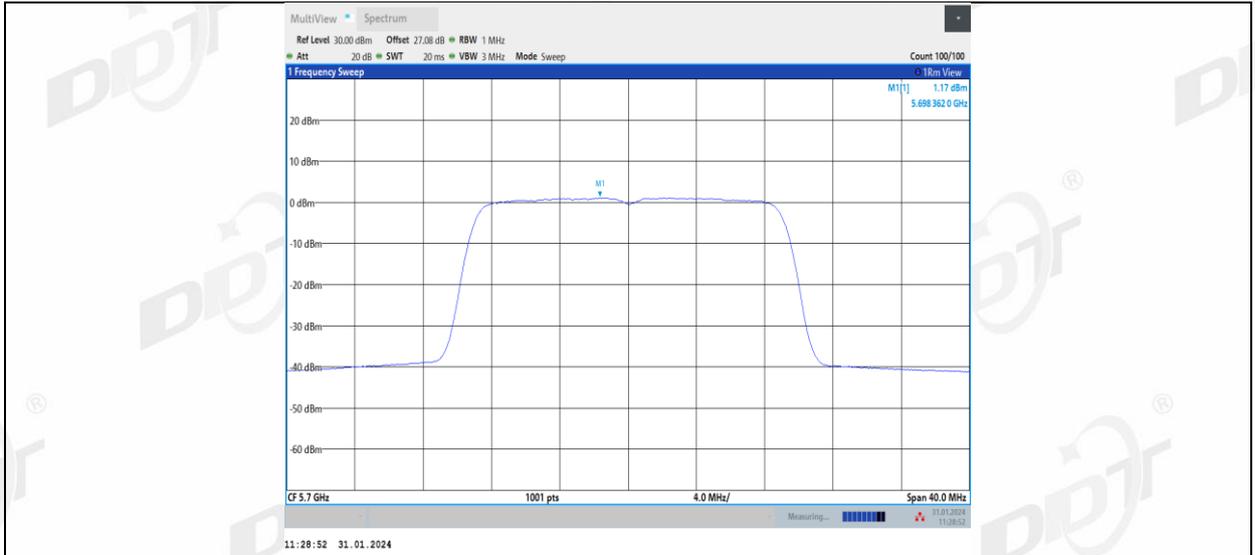
11N20MIMO_Ant2_5580



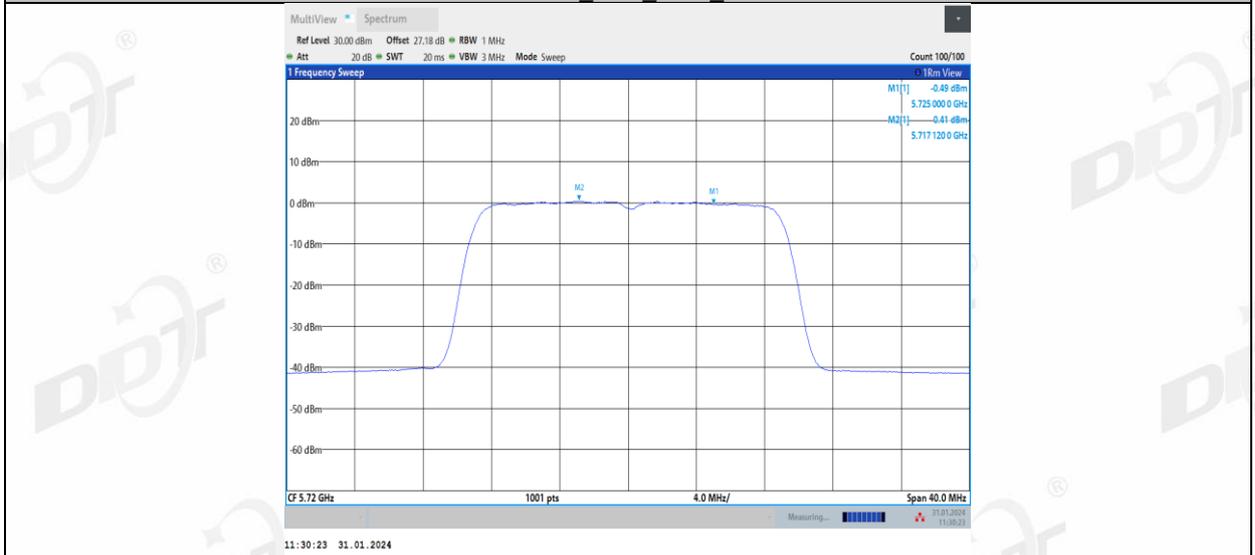
11N20MIMO_Ant1_5700



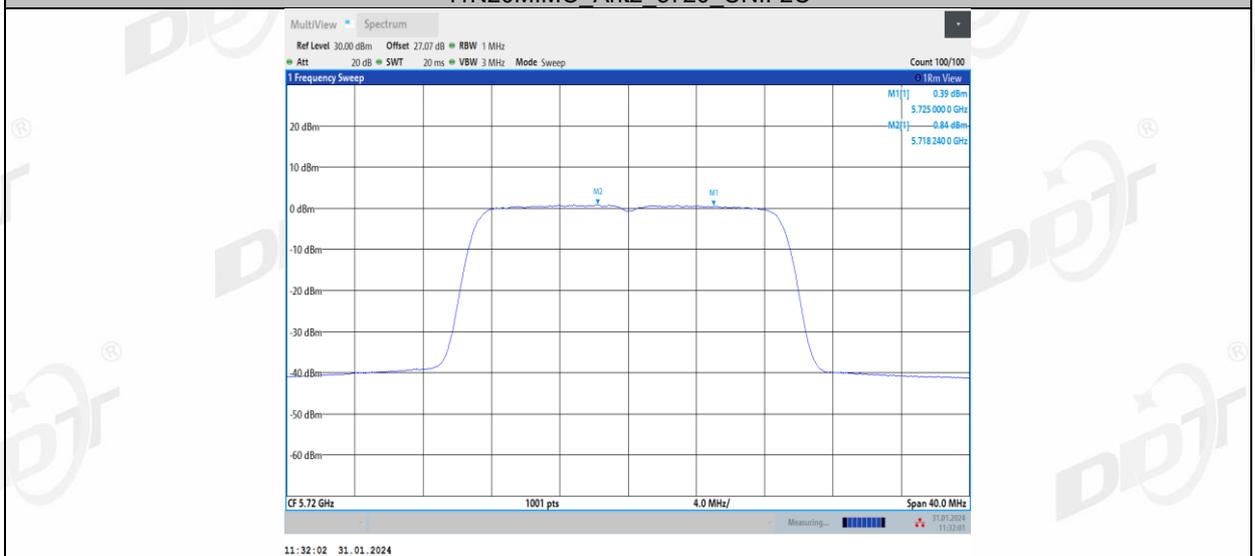
11N20MIMO_Ant2_5700



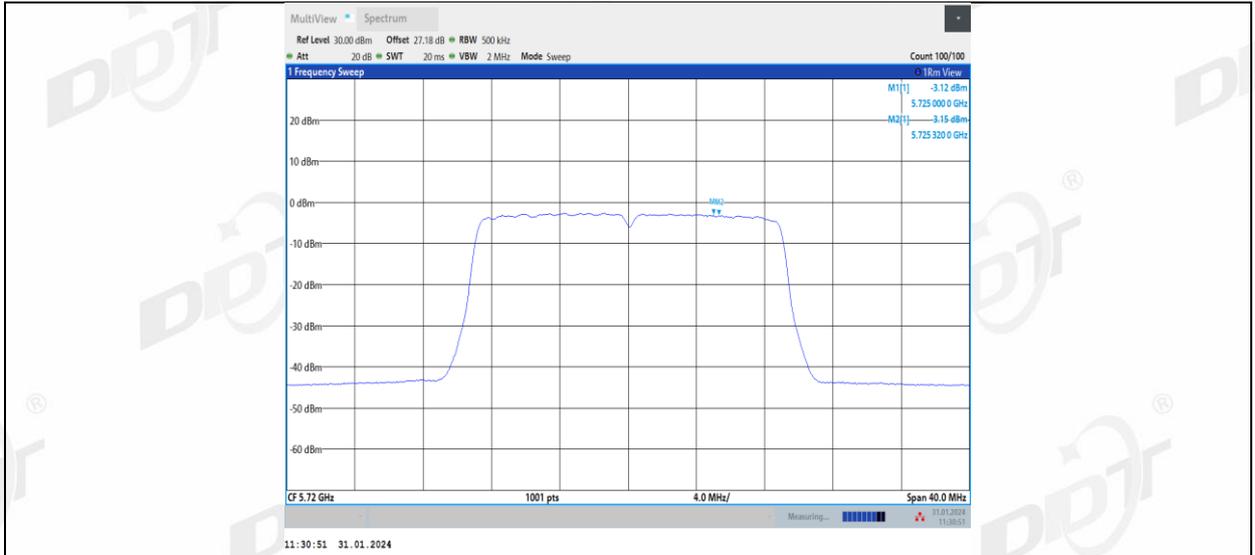
11N20MIMO_Ant1_5720_UNII-2C



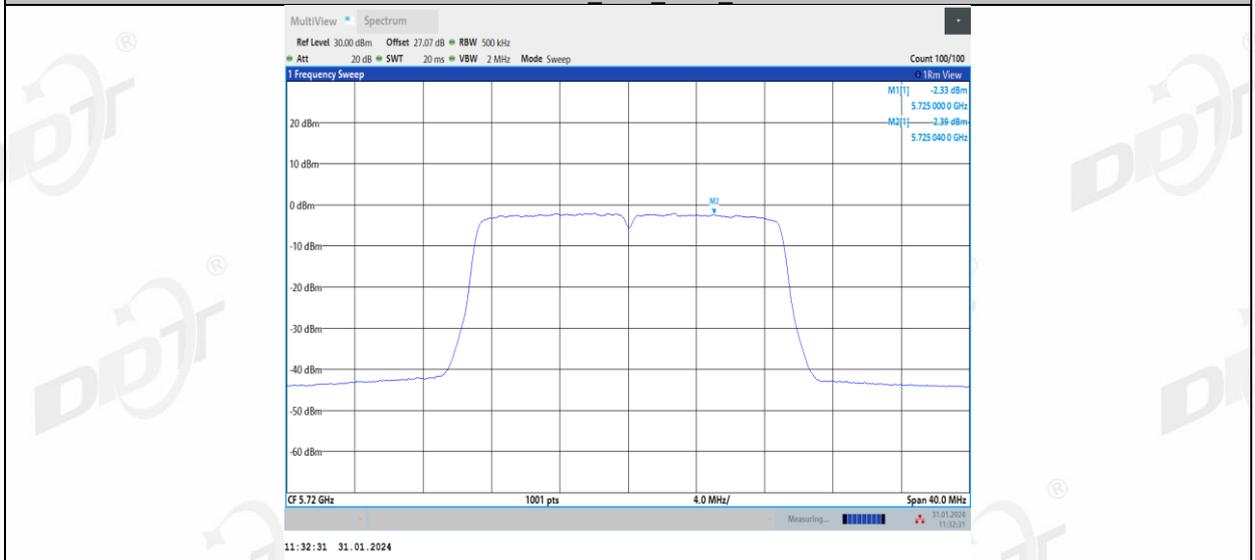
11N20MIMO_Ant2_5720_UNII-2C



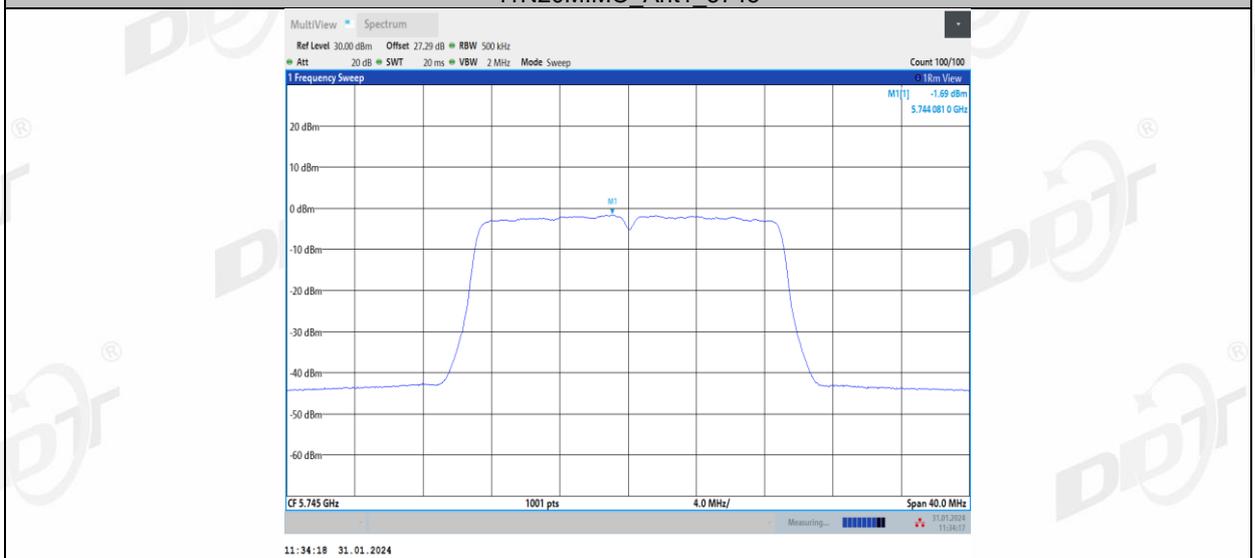
11N20MIMO_Ant1_5720_UNII-3



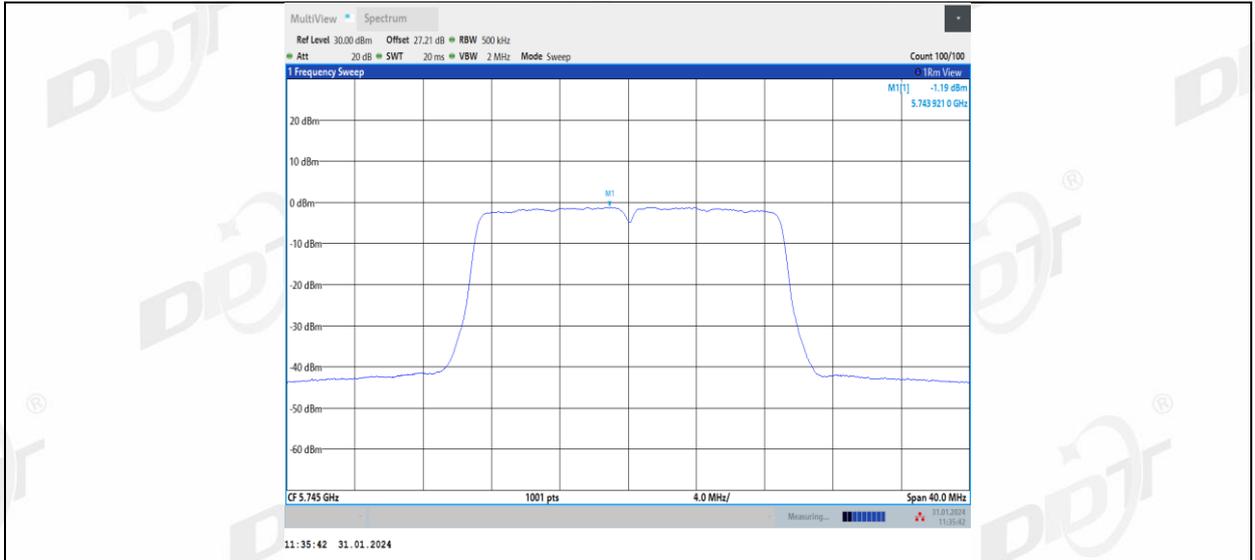
11N20MIMO_Ant2_5720_UNII-3



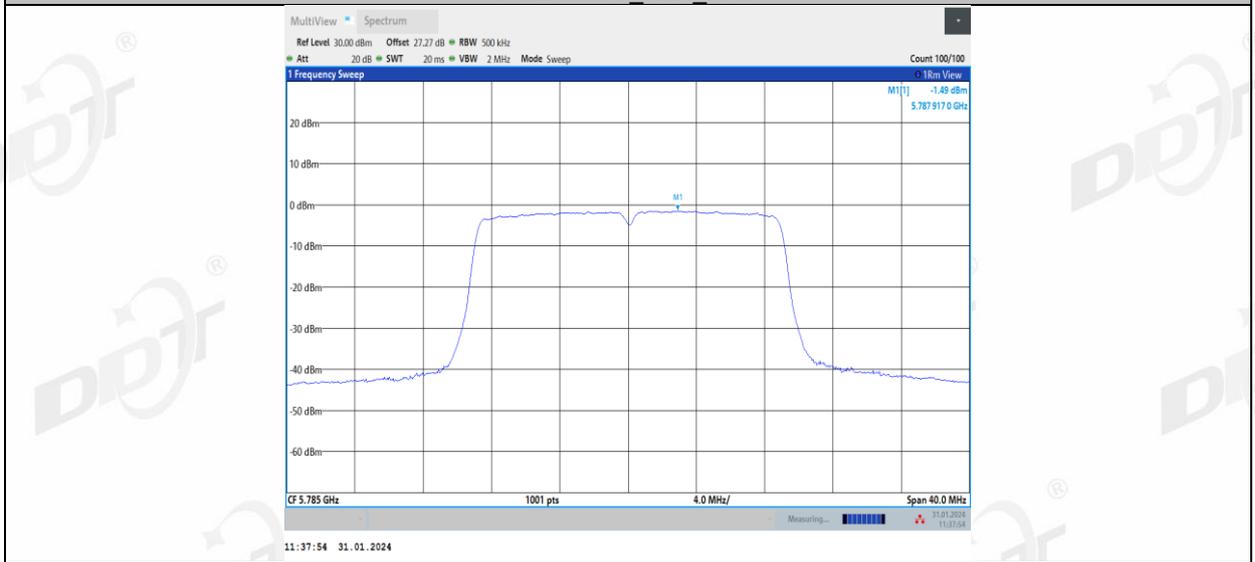
11N20MIMO_Ant1_5745



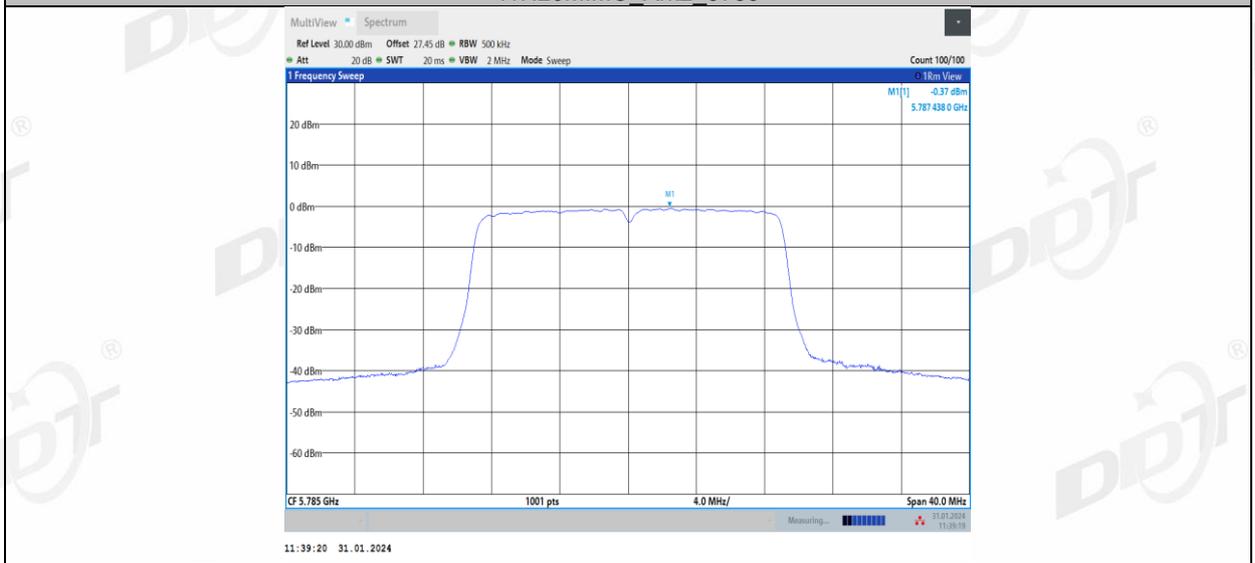
11N20MIMO_Ant2_5745



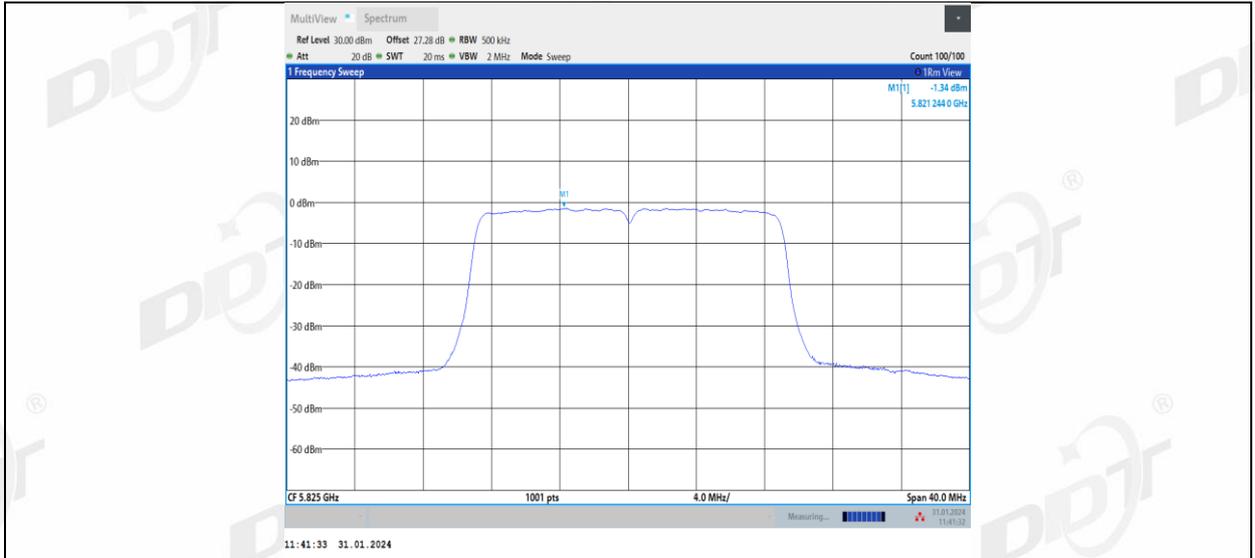
11N20MIMO_Ant1_5785



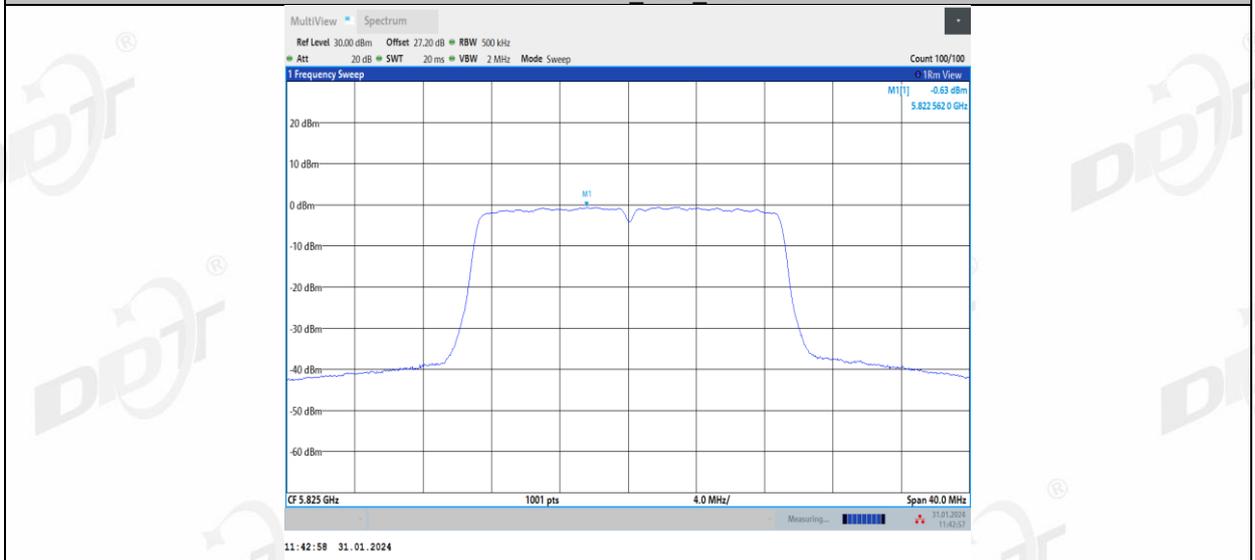
11N20MIMO_Ant2_5785



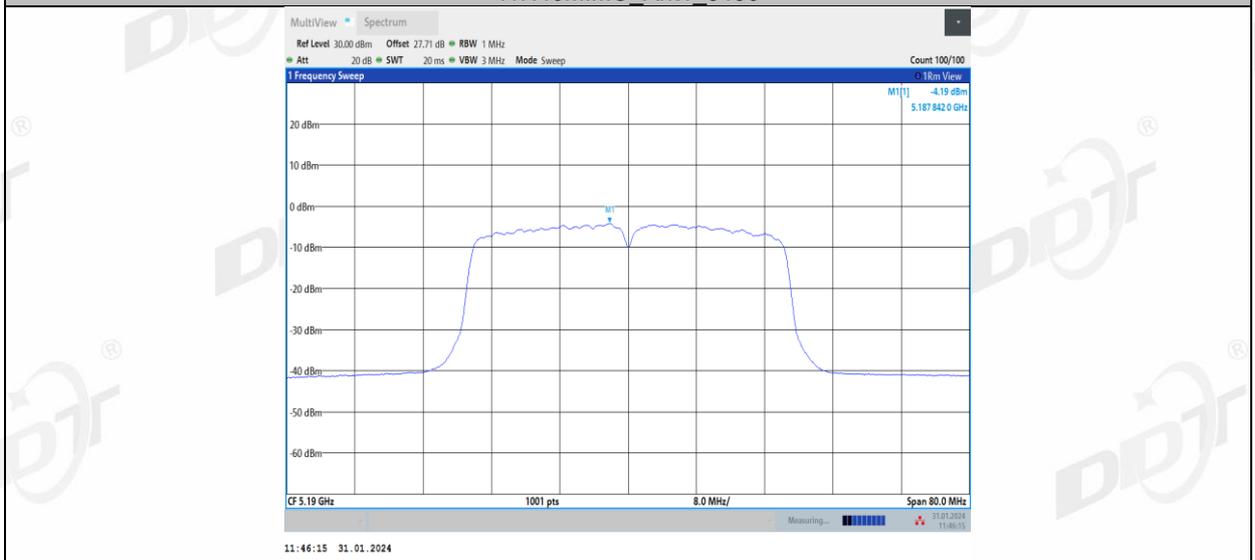
11N20MIMO_Ant1_5825



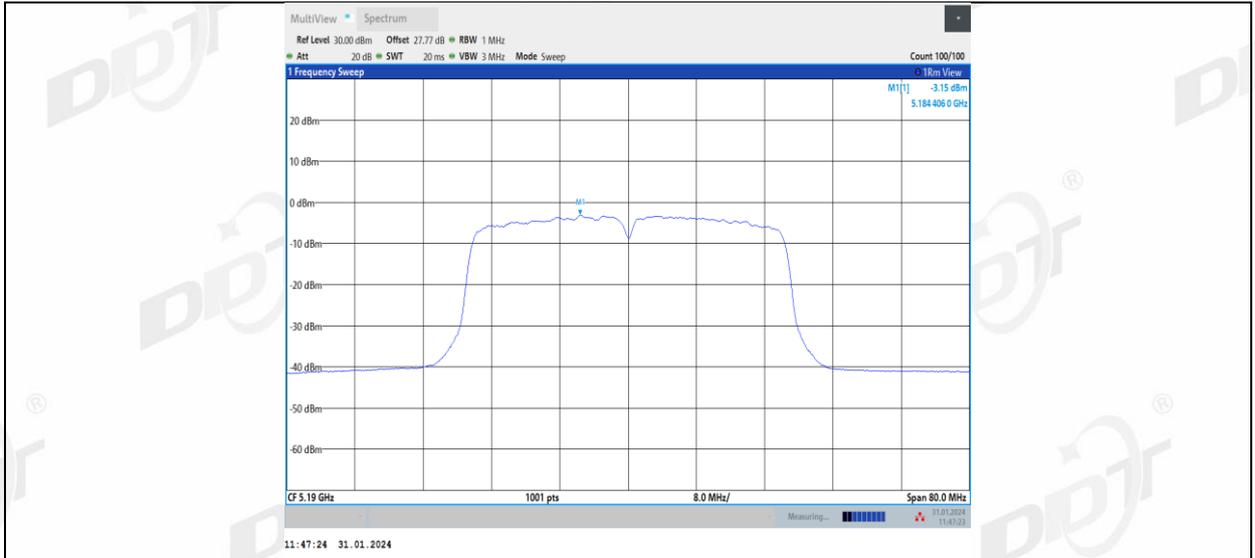
11N20MIMO_Ant2_5825



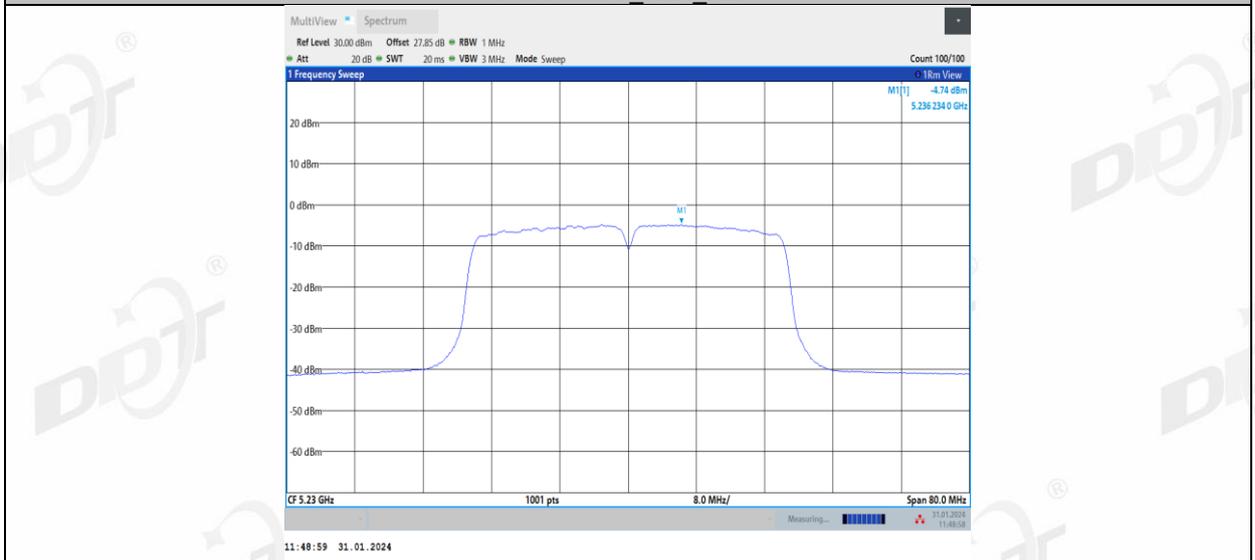
11N40MIMO_Ant1_5190



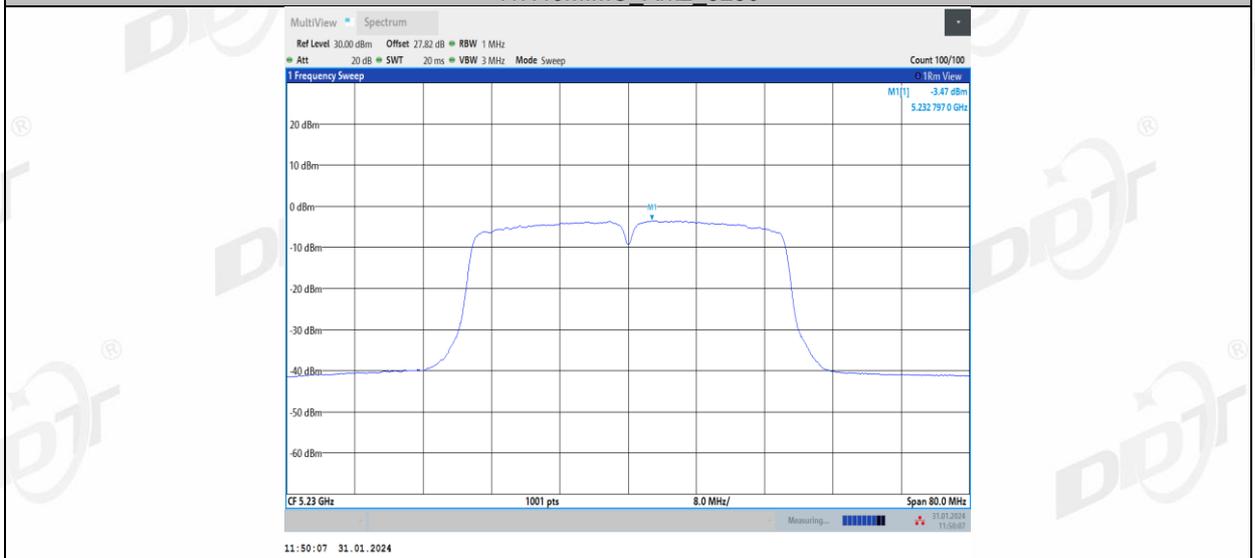
11N40MIMO_Ant2_5190



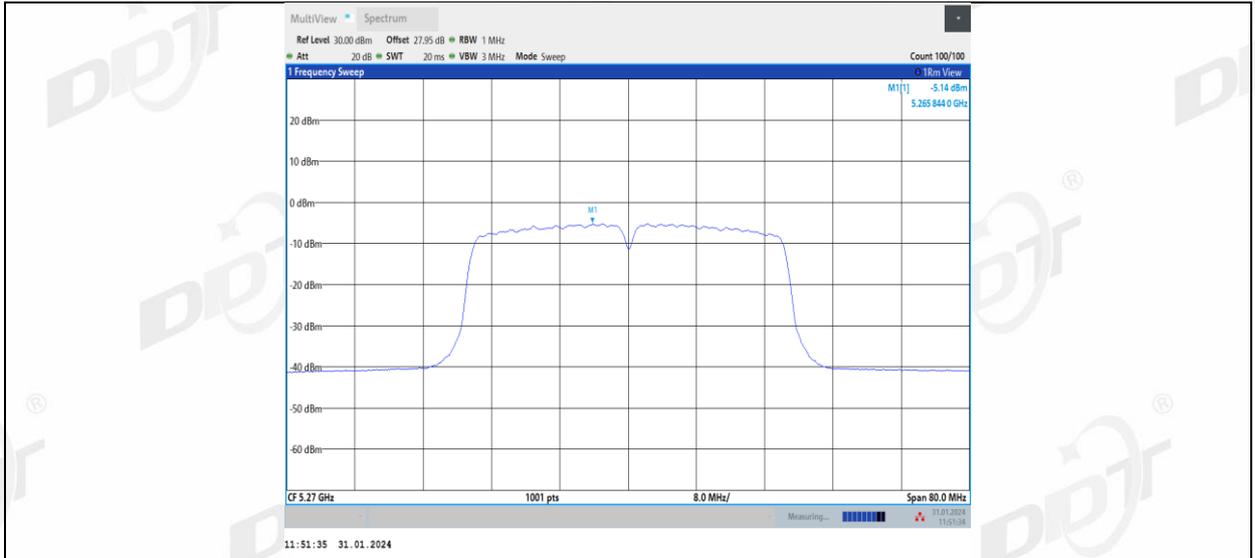
11N40MIMO_Ant1_5230



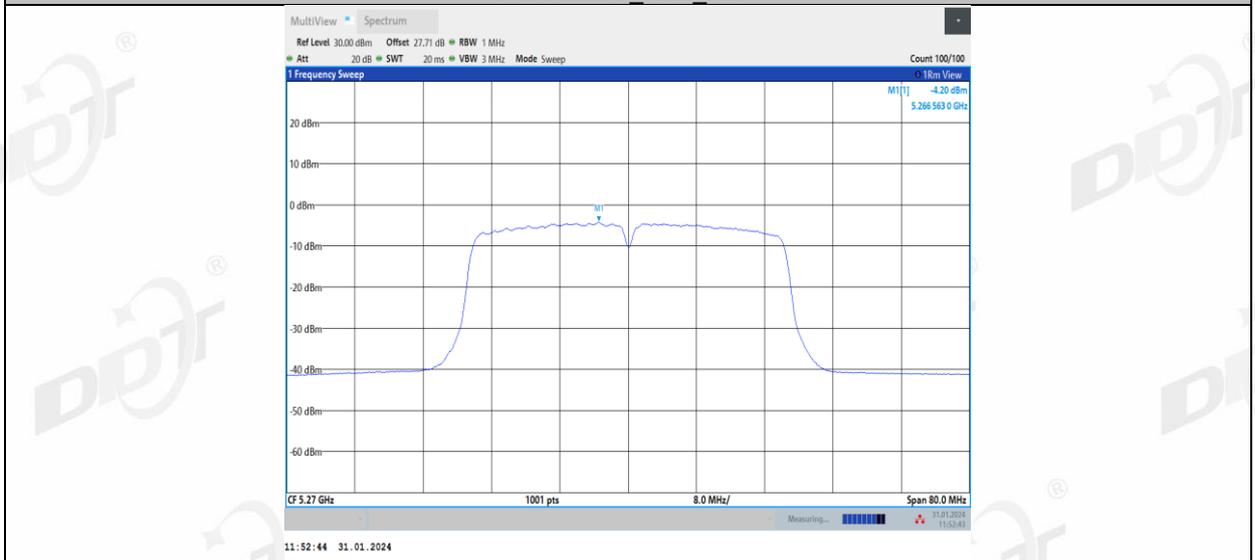
11N40MIMO_Ant2_5230



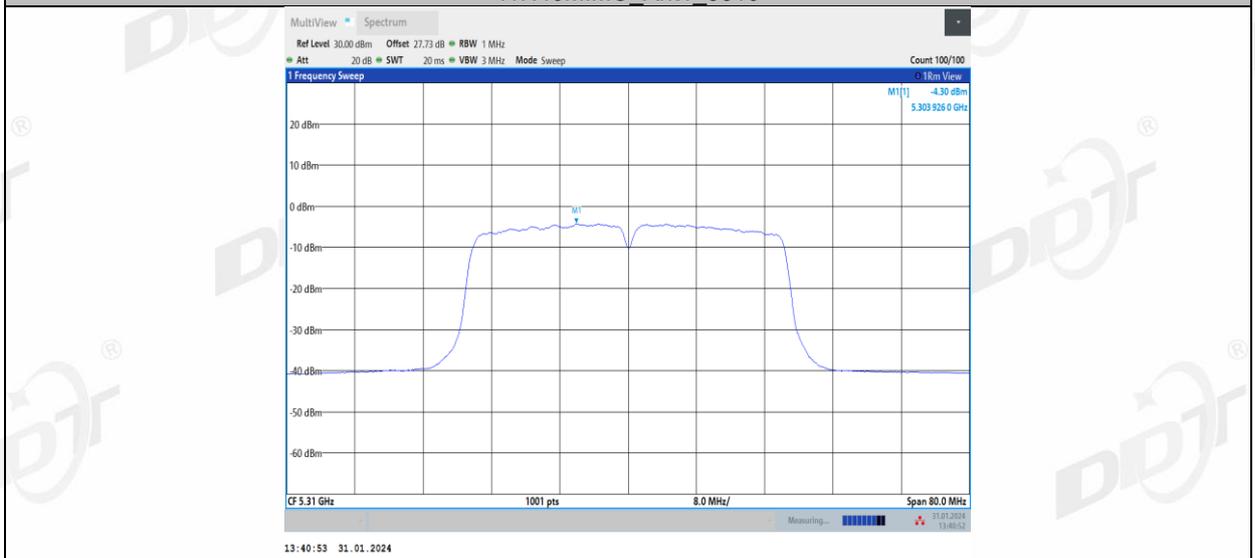
11N40MIMO_Ant1_5270



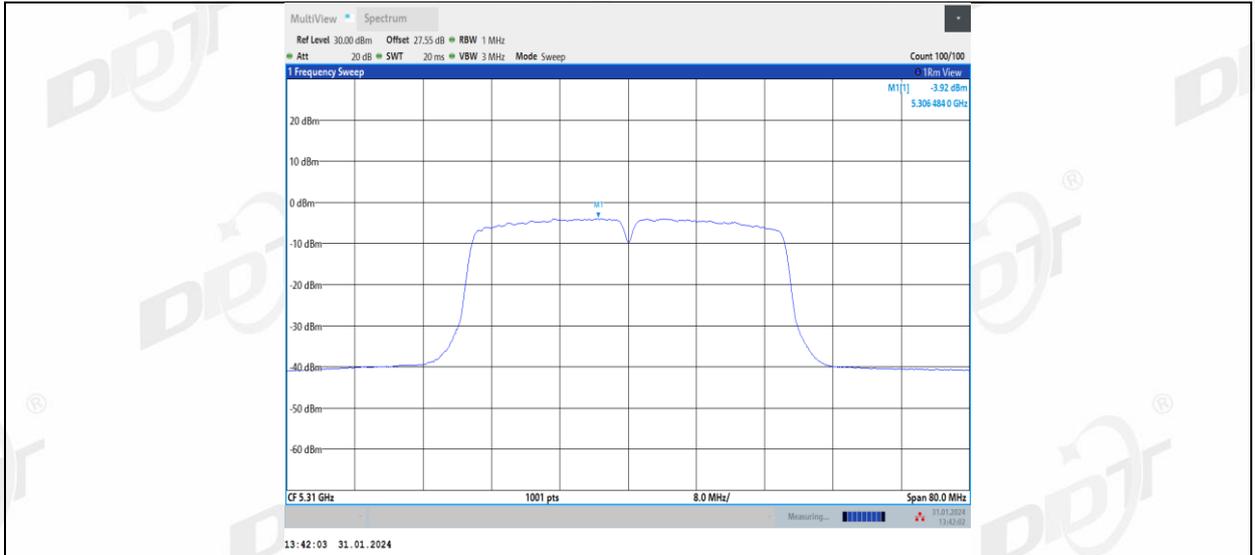
11N40MIMO_Ant2_5270



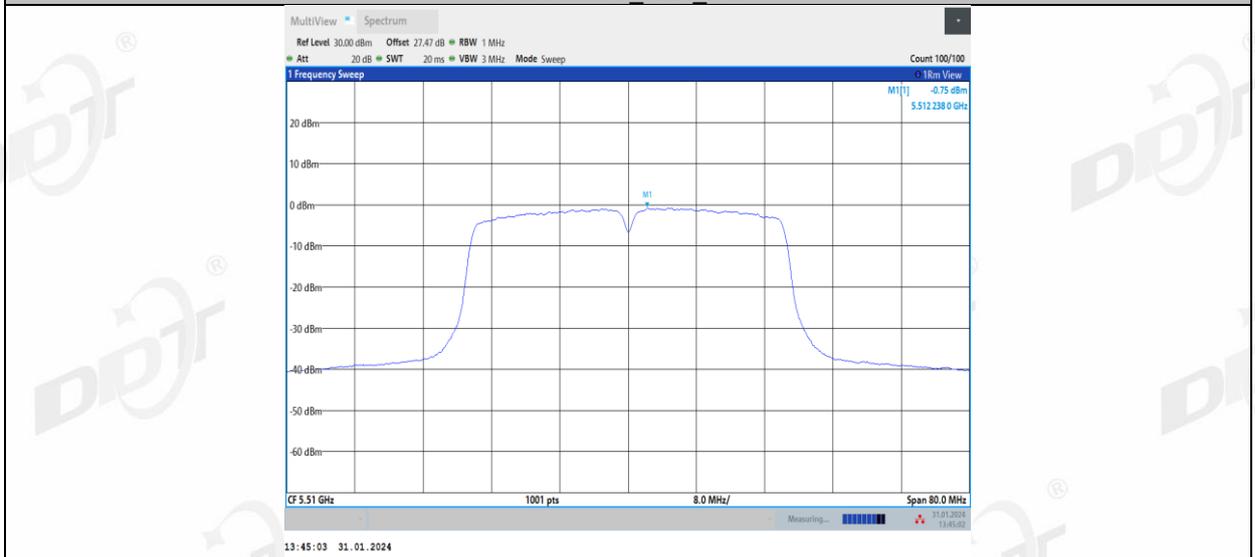
11N40MIMO_Ant1_5310



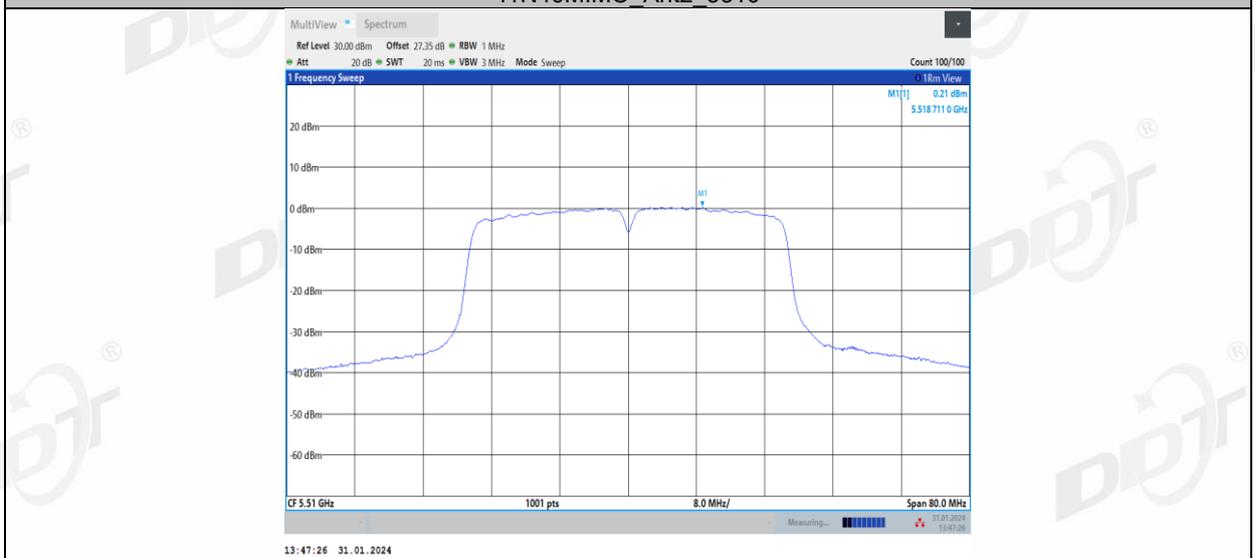
11N40MIMO_Ant2_5310



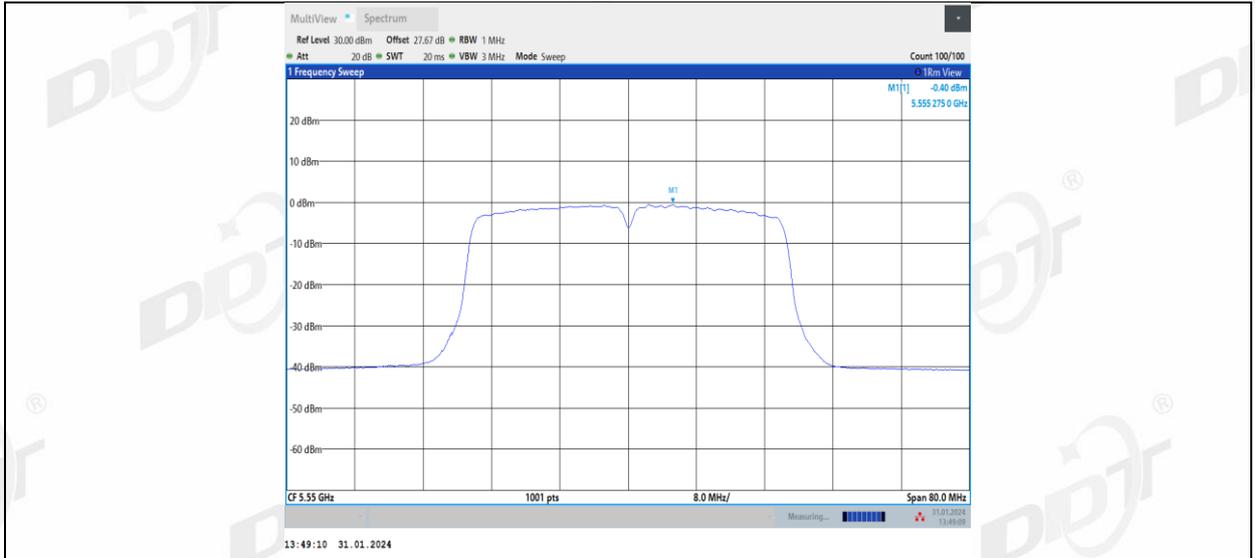
11N40MIMO_Ant1_5510



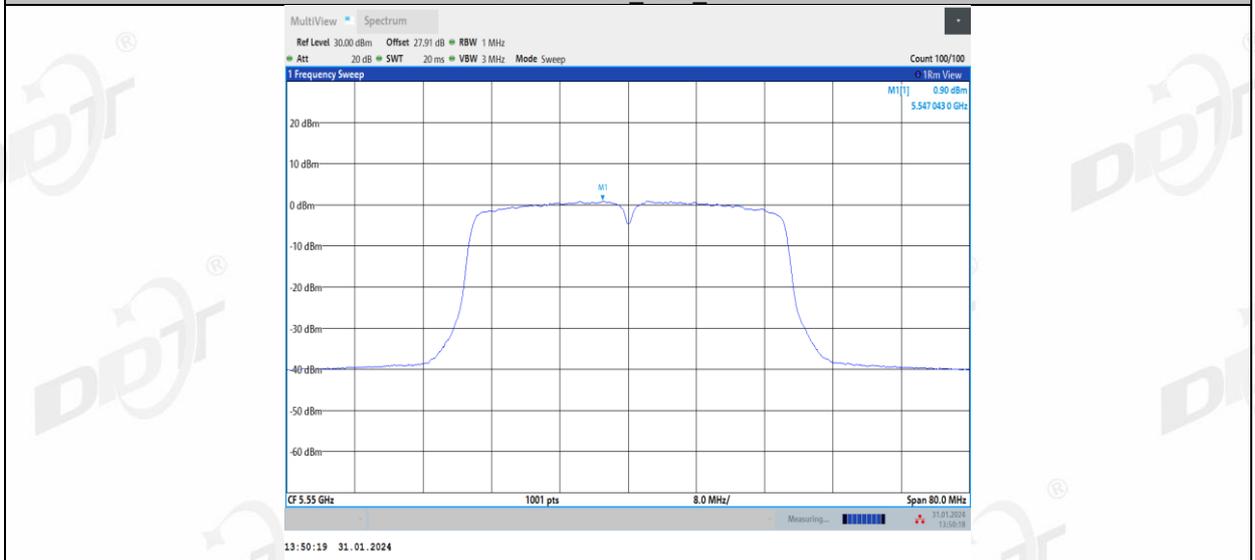
11N40MIMO_Ant2_5510



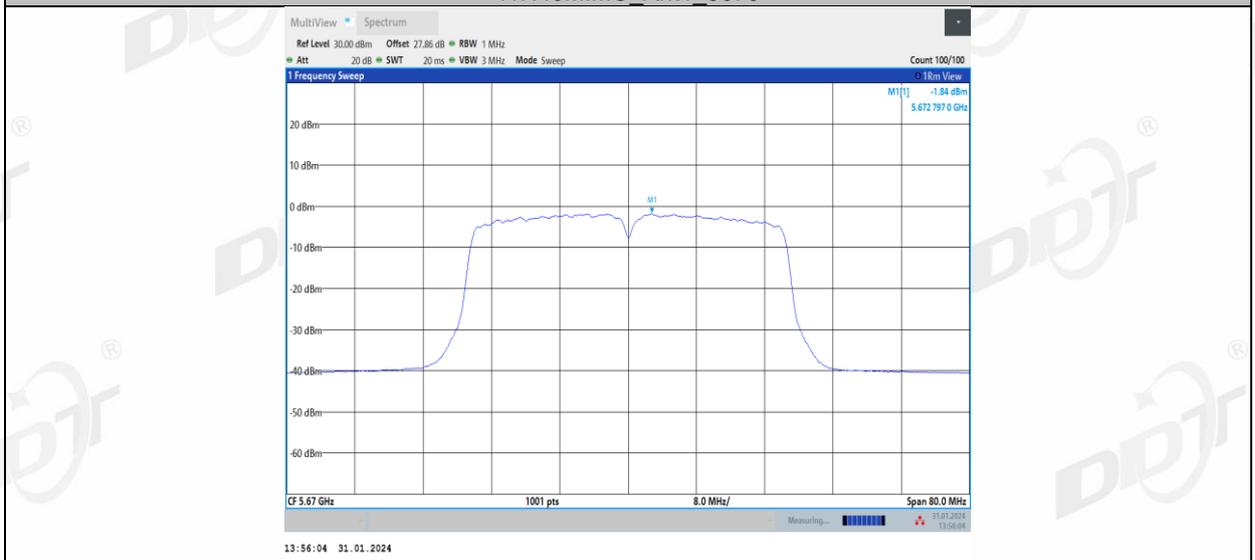
11N40MIMO_Ant1_5550



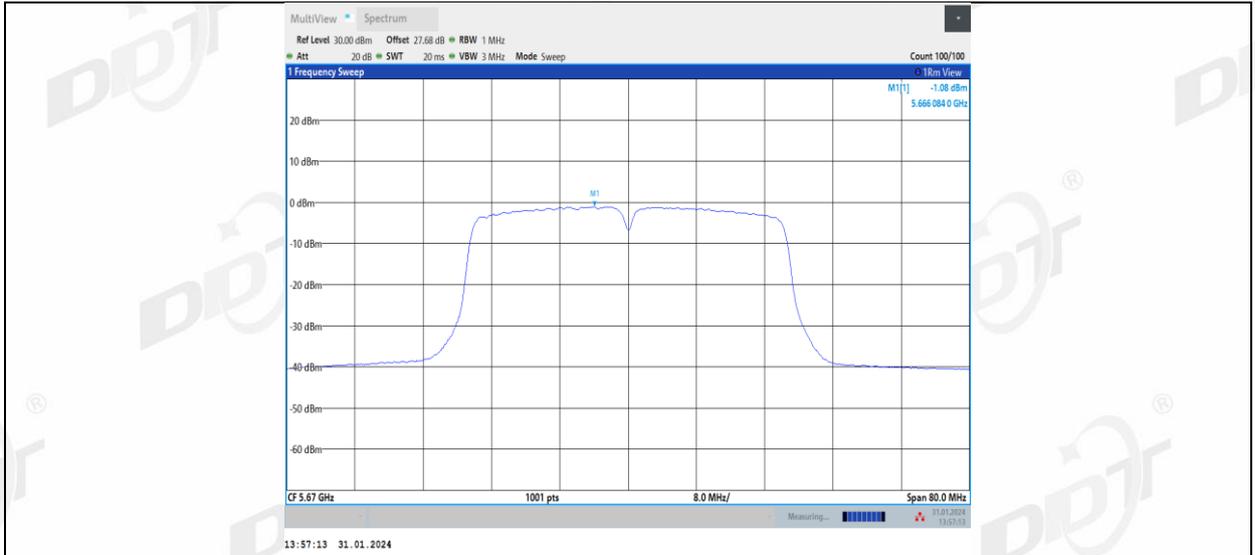
11N40MIMO_Ant2_5550



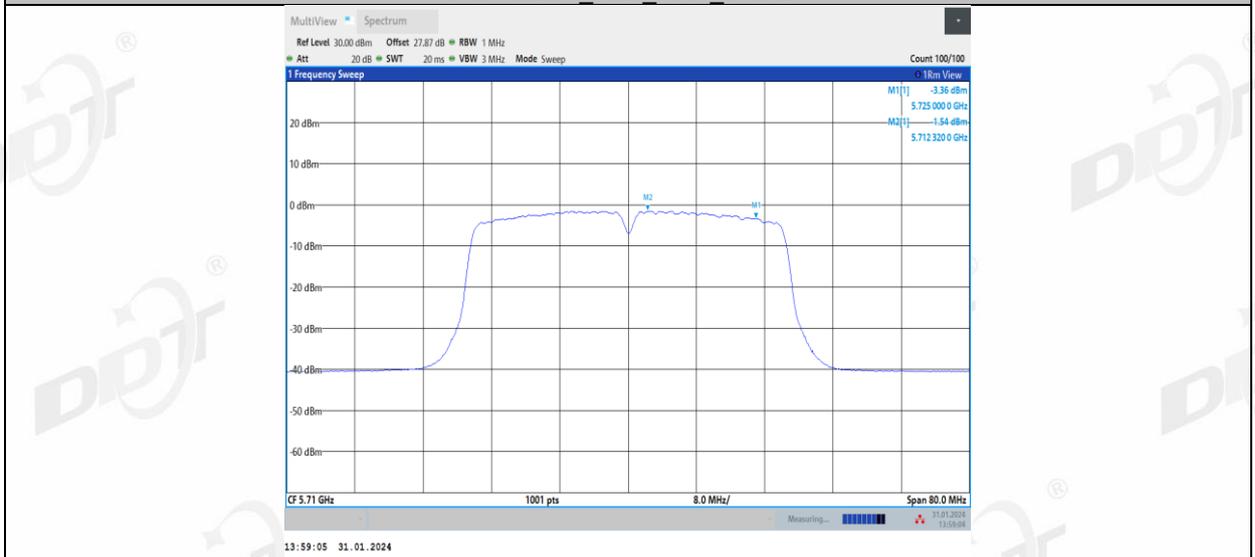
11N40MIMO_Ant1_5670



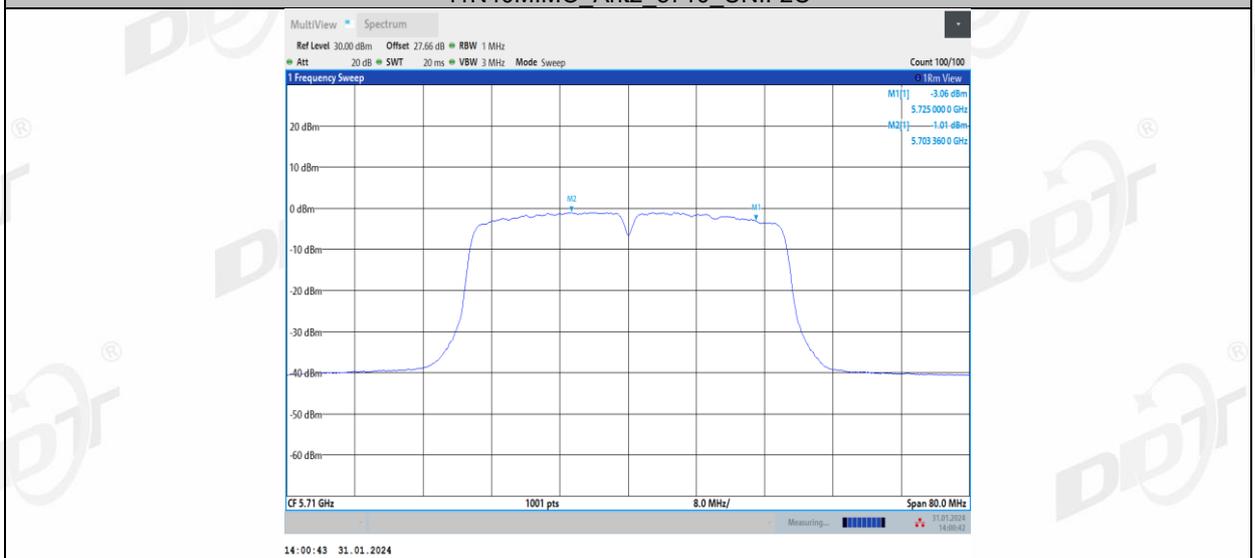
11N40MIMO_Ant2_5670



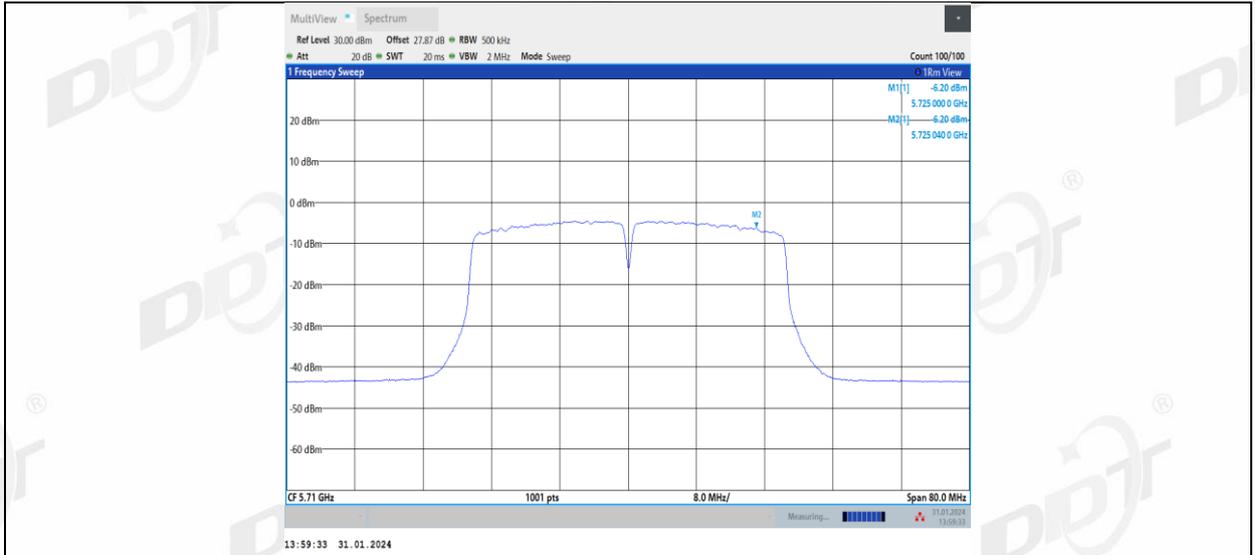
11N40MIMO_Ant1_5710_UNII-2C



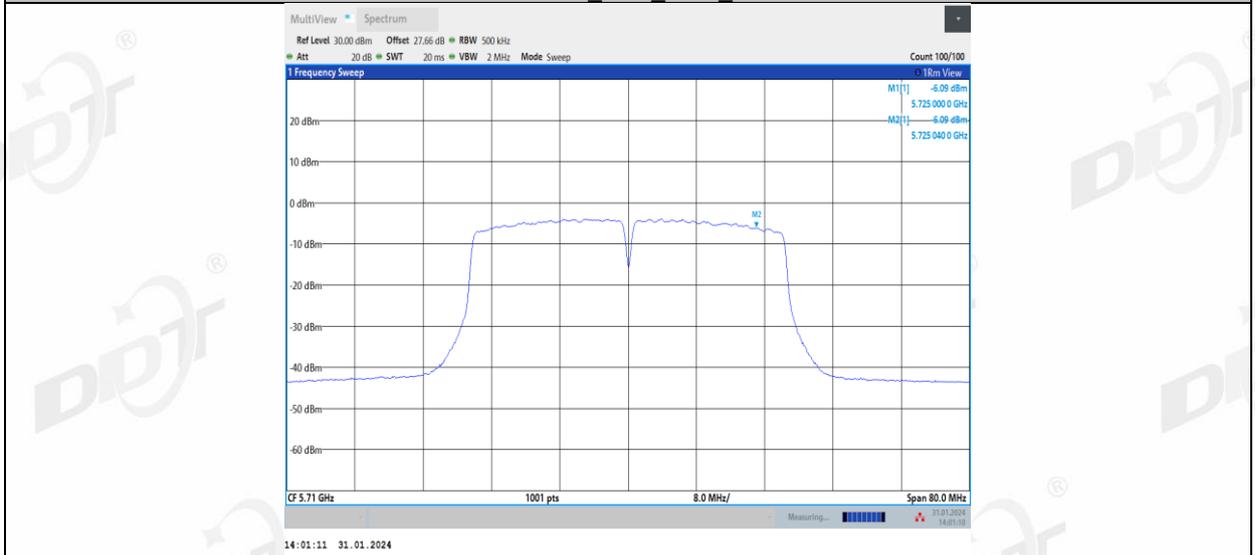
11N40MIMO_Ant2_5710_UNII-2C



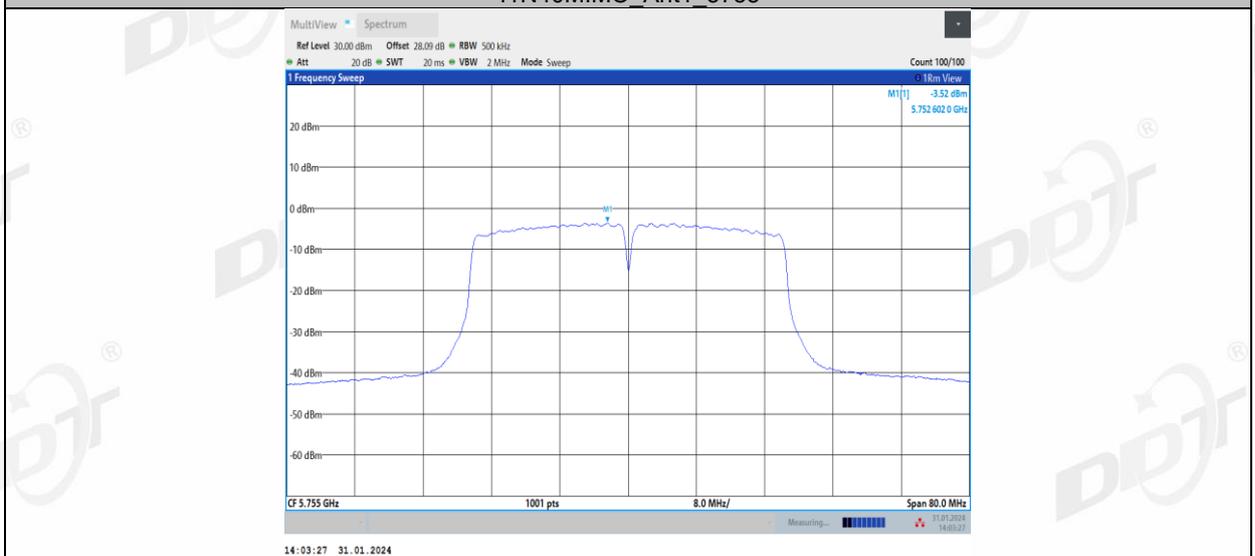
11N40MIMO_Ant1_5710_UNII-3



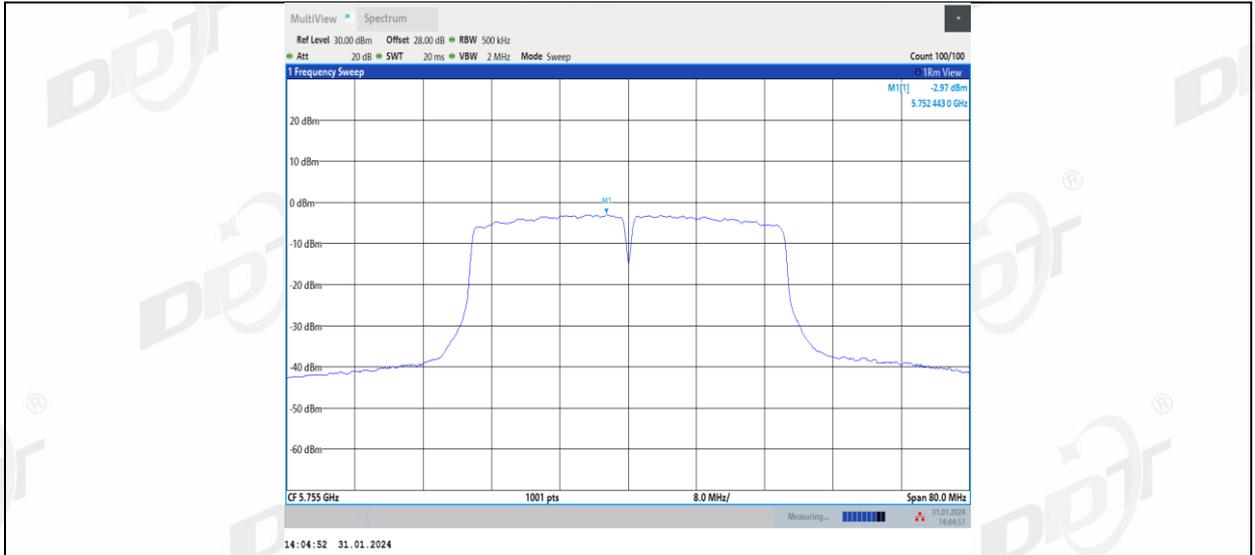
11N40MIMO_Ant2_5710_UNII-3



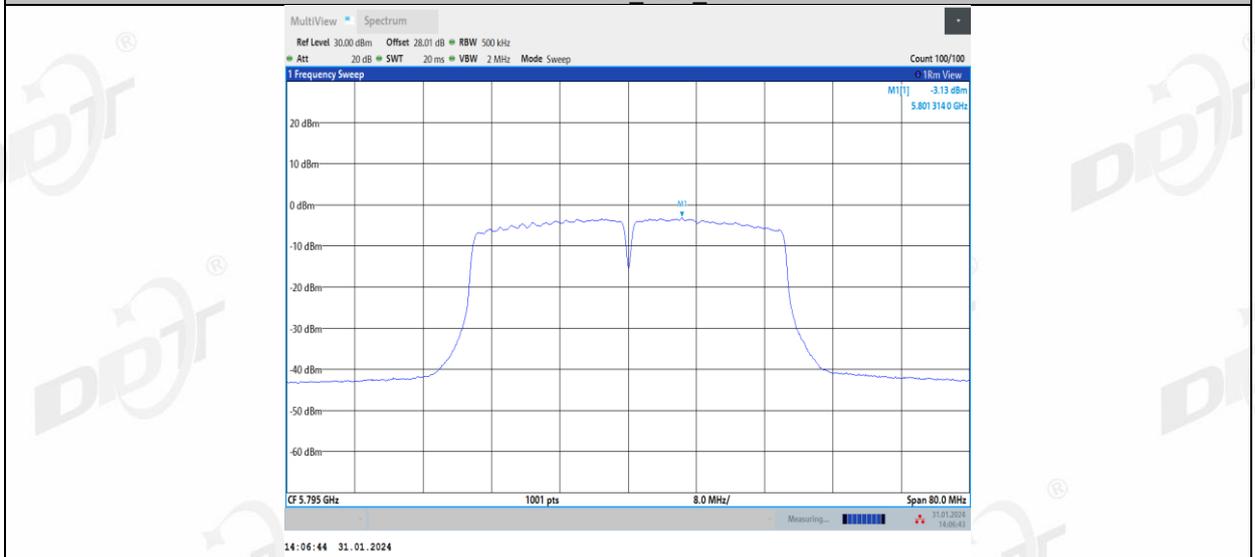
11N40MIMO_Ant1_5755



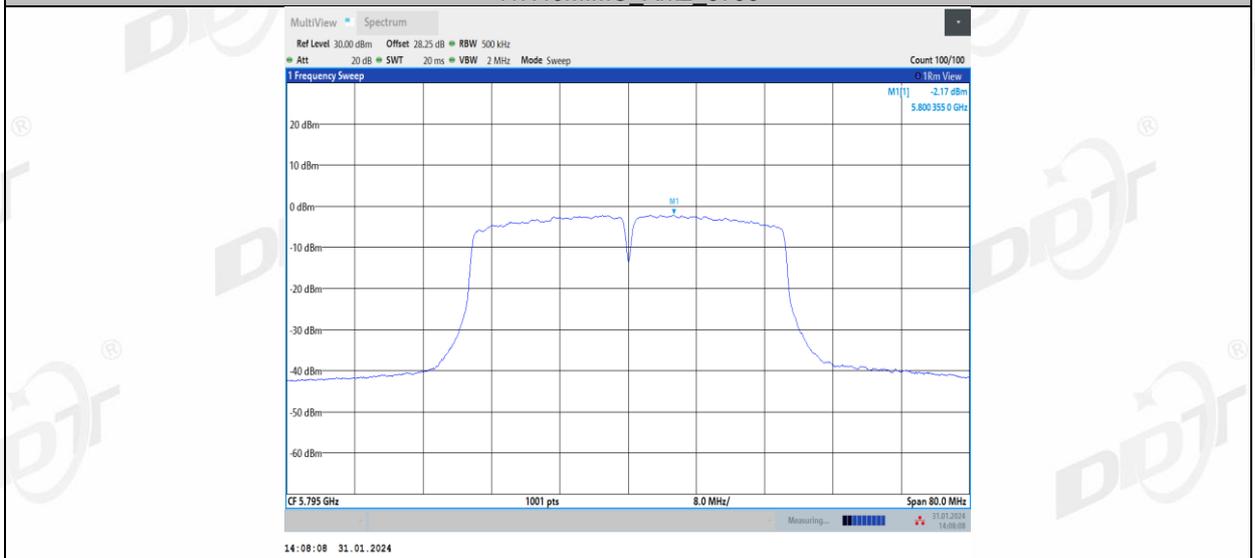
11N40MIMO_Ant2_5755



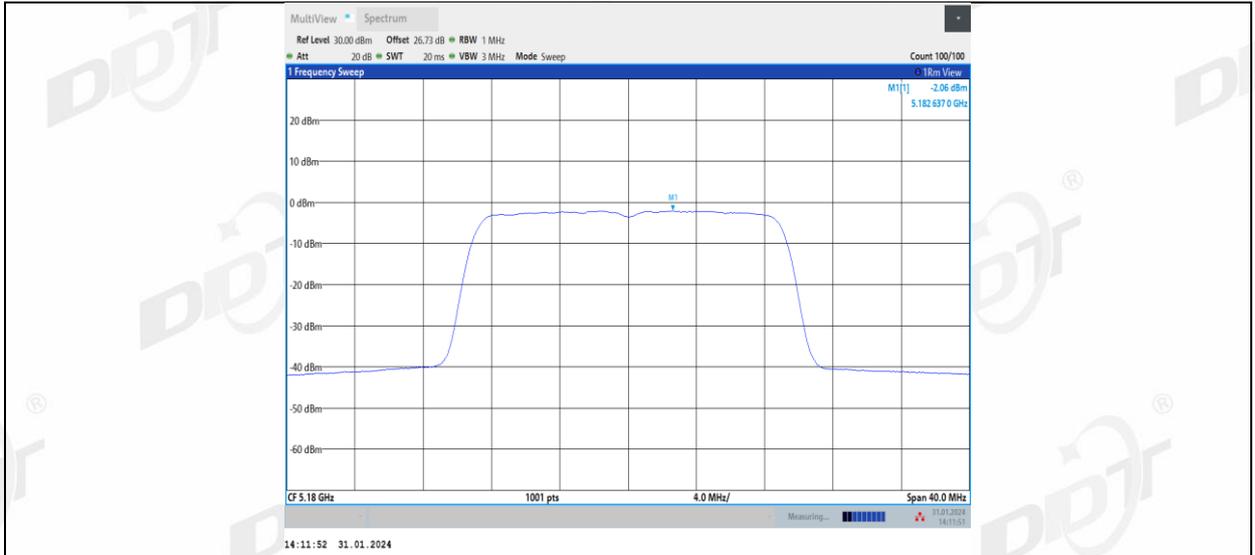
11N40MIMO_Ant1_5795



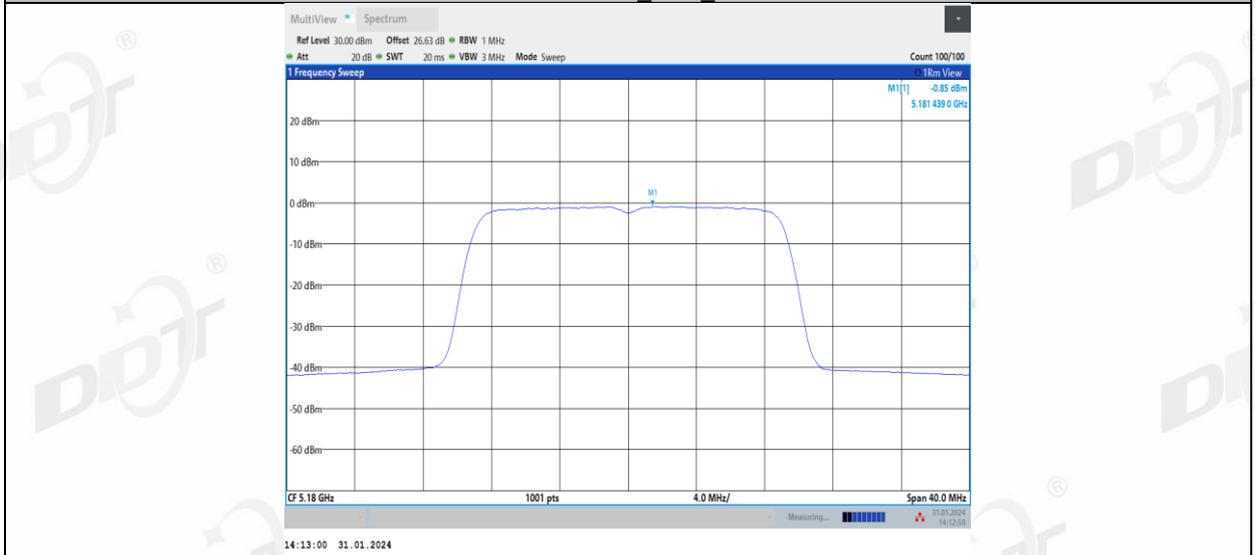
11N40MIMO_Ant2_5795



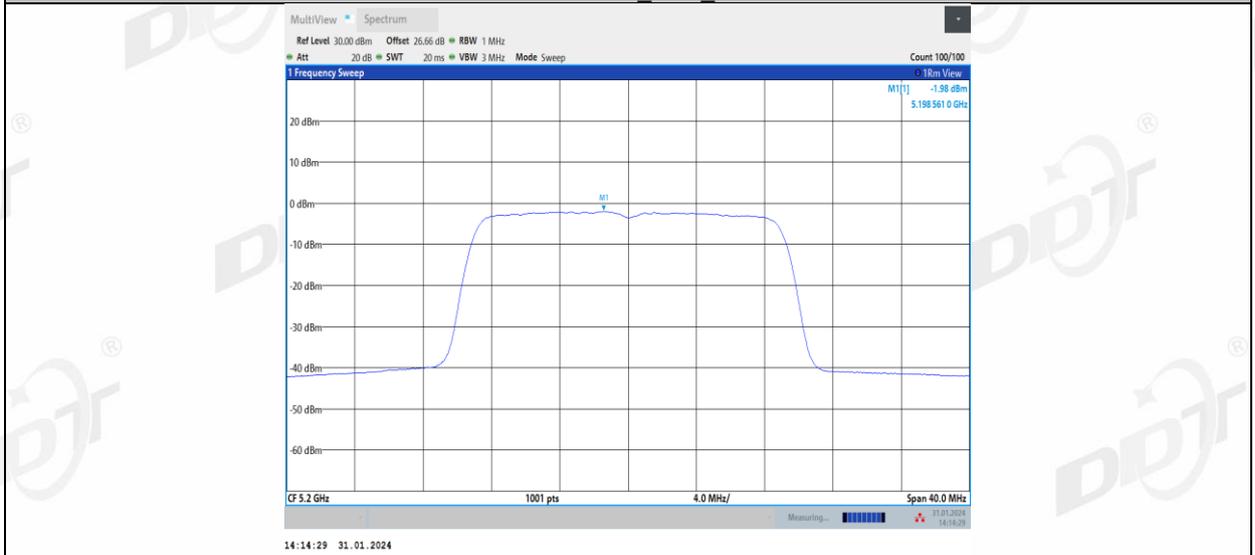
11AC20MIMO_Ant1_5180



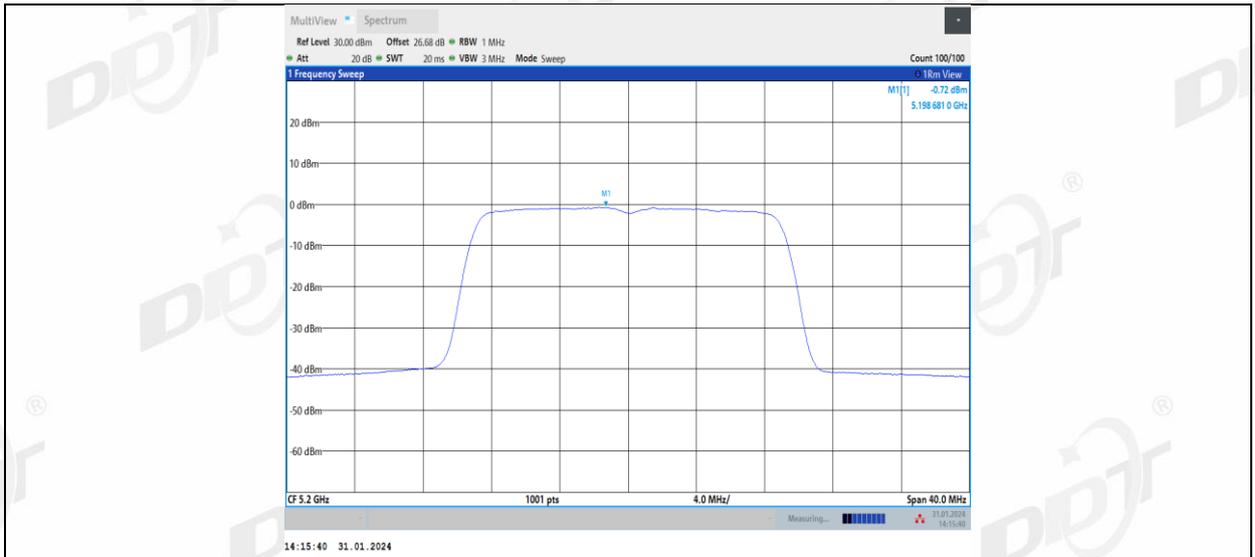
11AC20MIMO_Ant2_5180



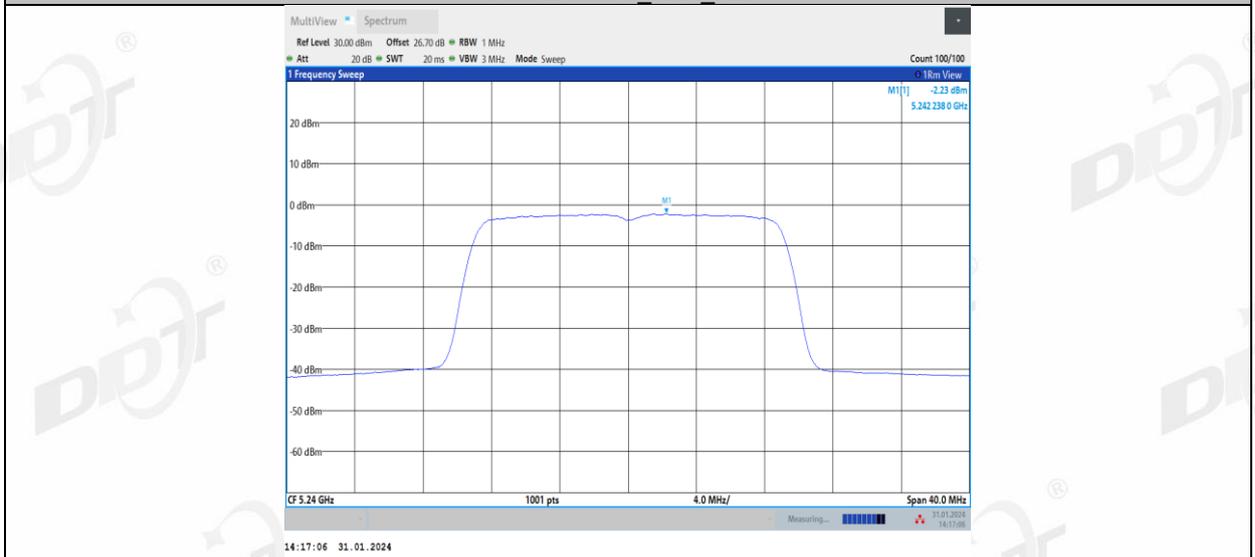
11AC20MIMO_Ant1_5200



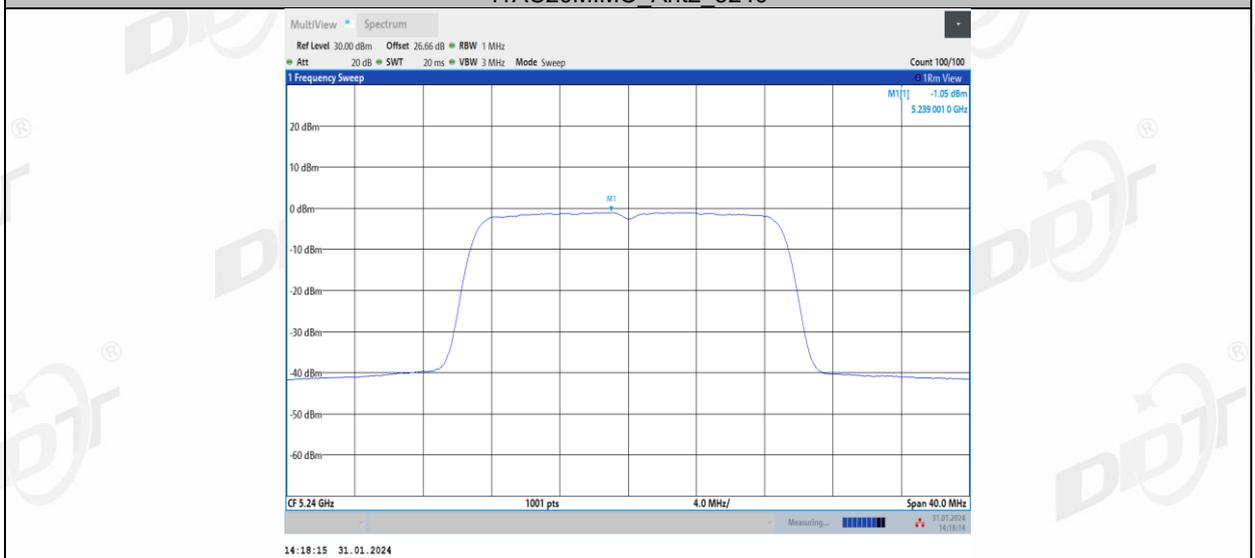
11AC20MIMO_Ant2_5200



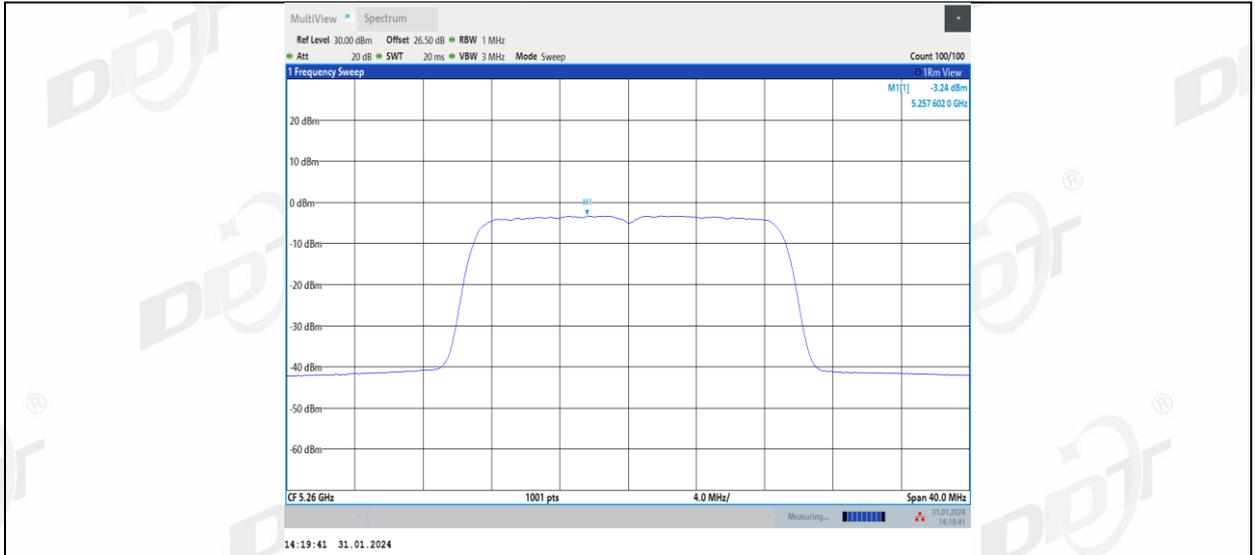
11AC20MIMO_Ant1_5240



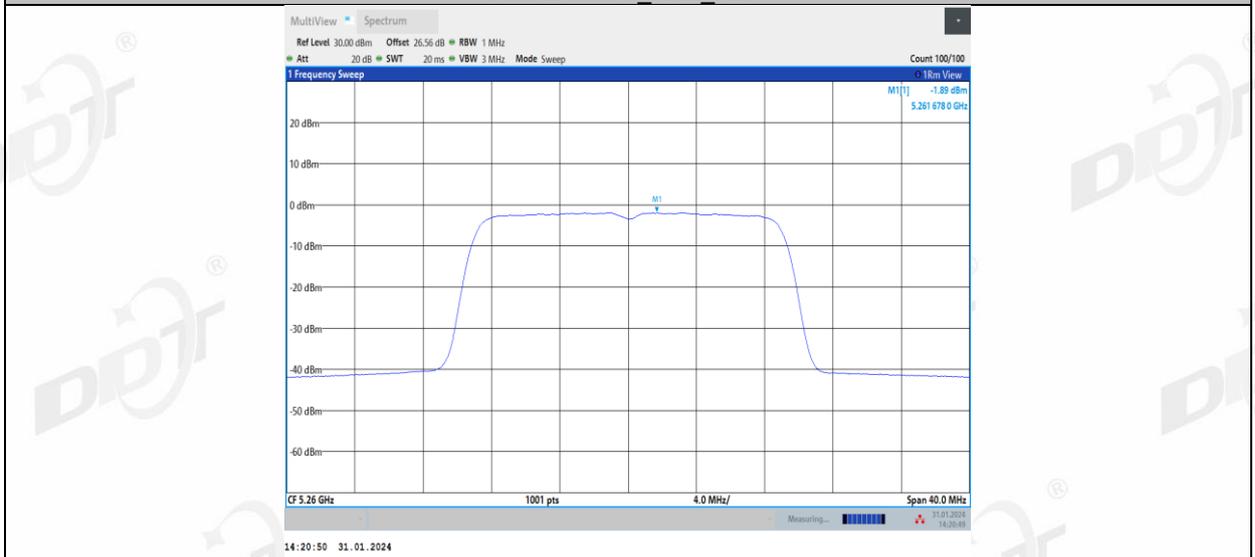
11AC20MIMO_Ant2_5240



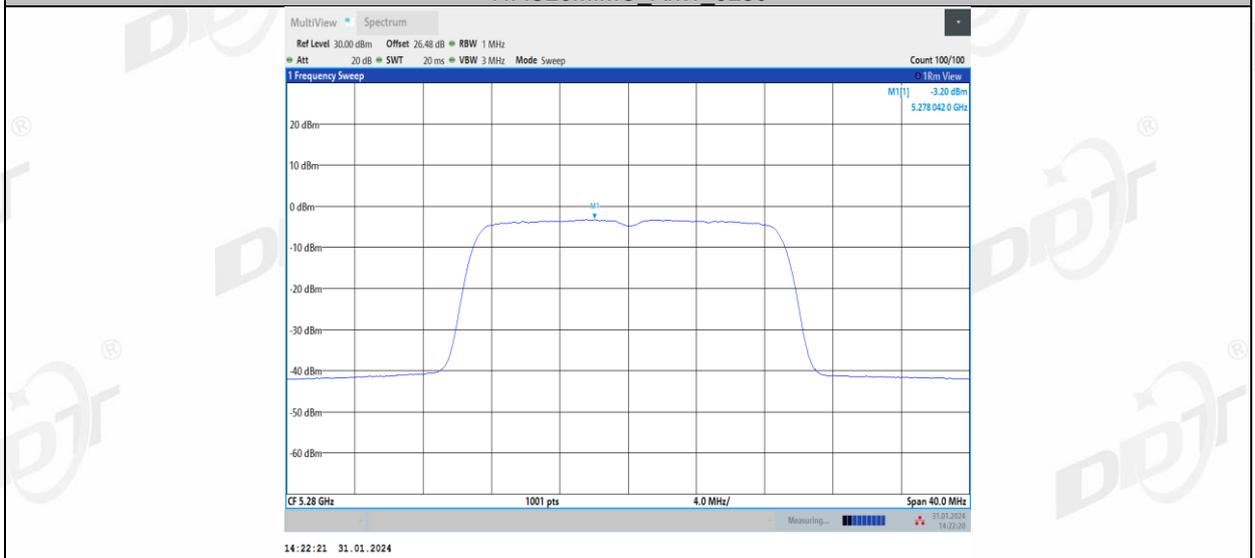
11AC20MIMO_Ant1_5260



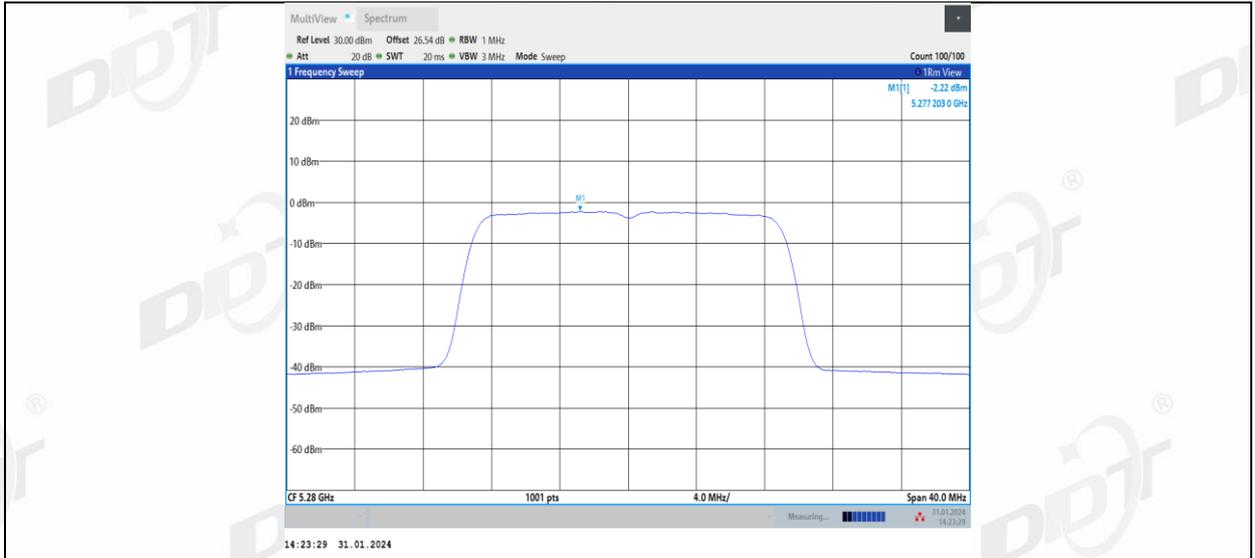
11AC20MIMO_Ant2_5260



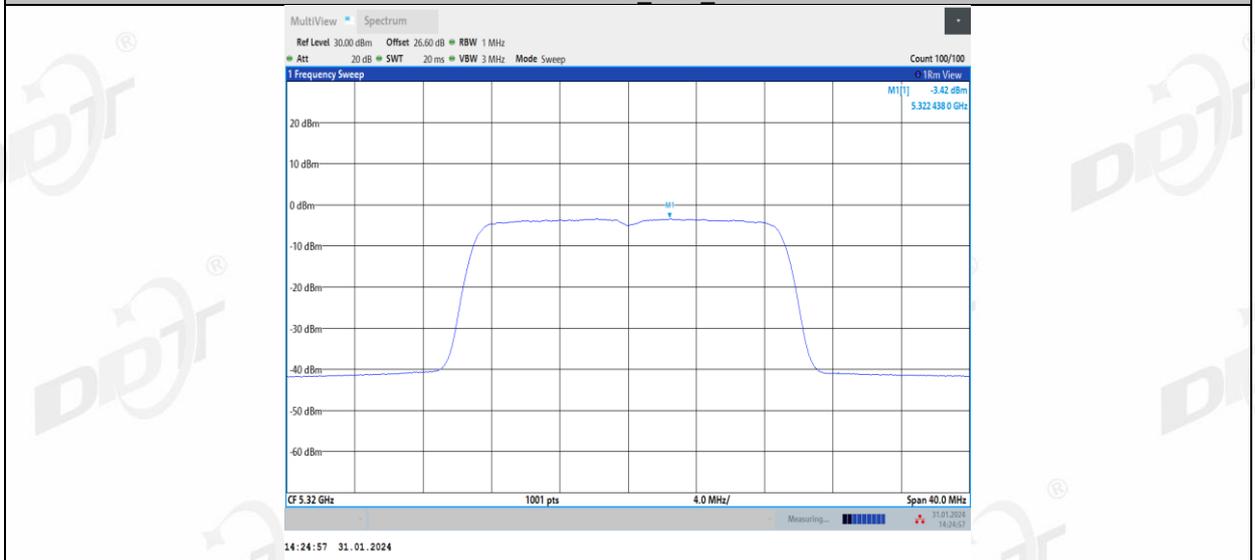
11AC20MIMO_Ant1_5280



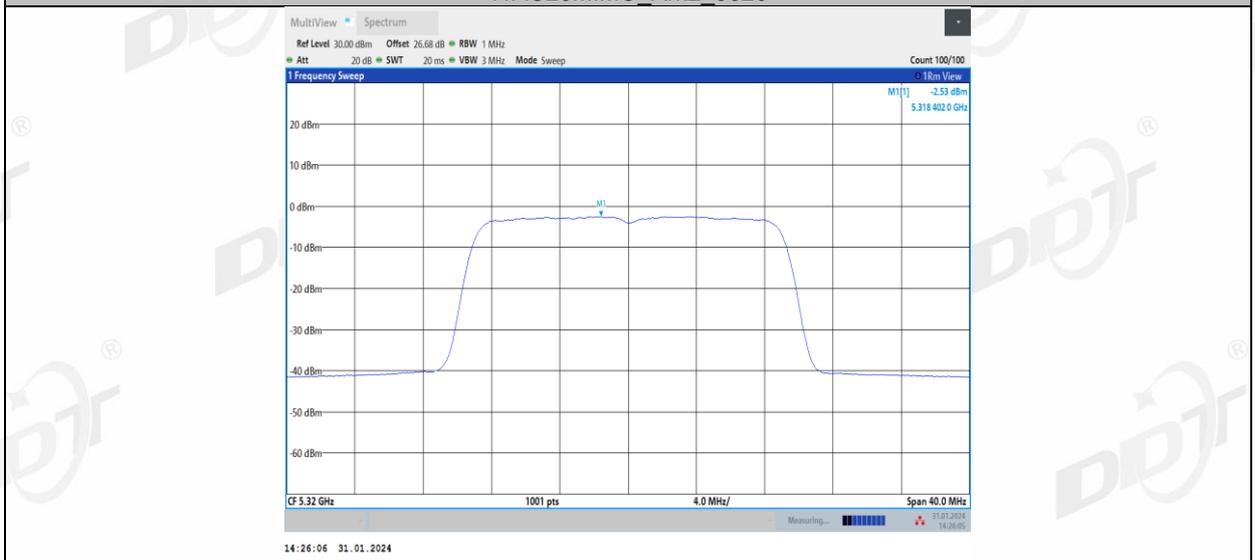
11AC20MIMO_Ant2_5280



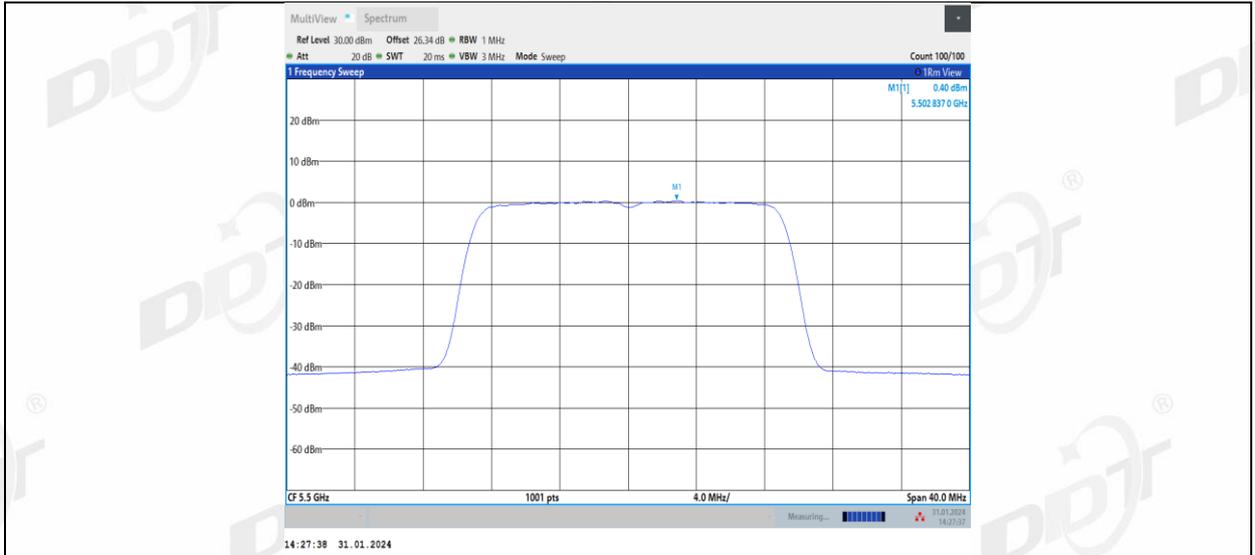
11AC20MIMO_Ant1_5320



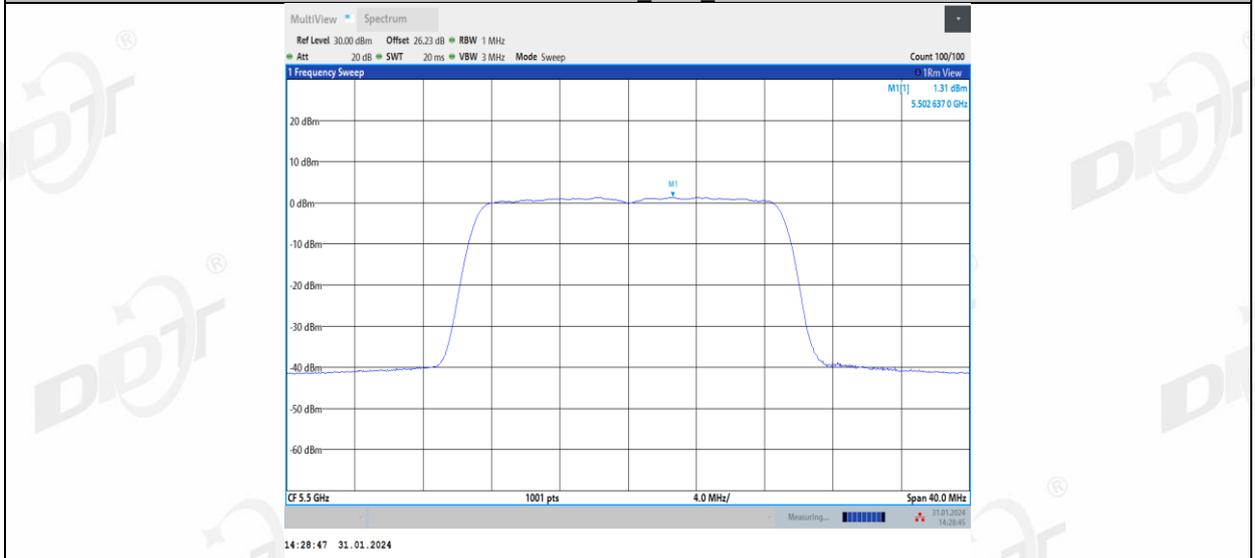
11AC20MIMO_Ant2_5320



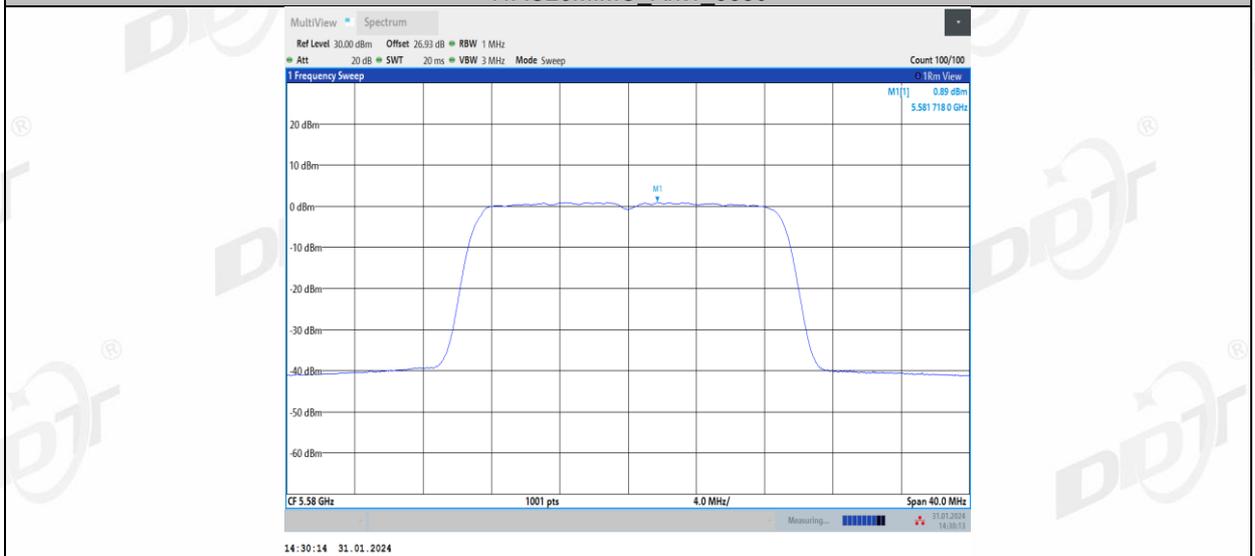
11AC20MIMO_Ant1_5500



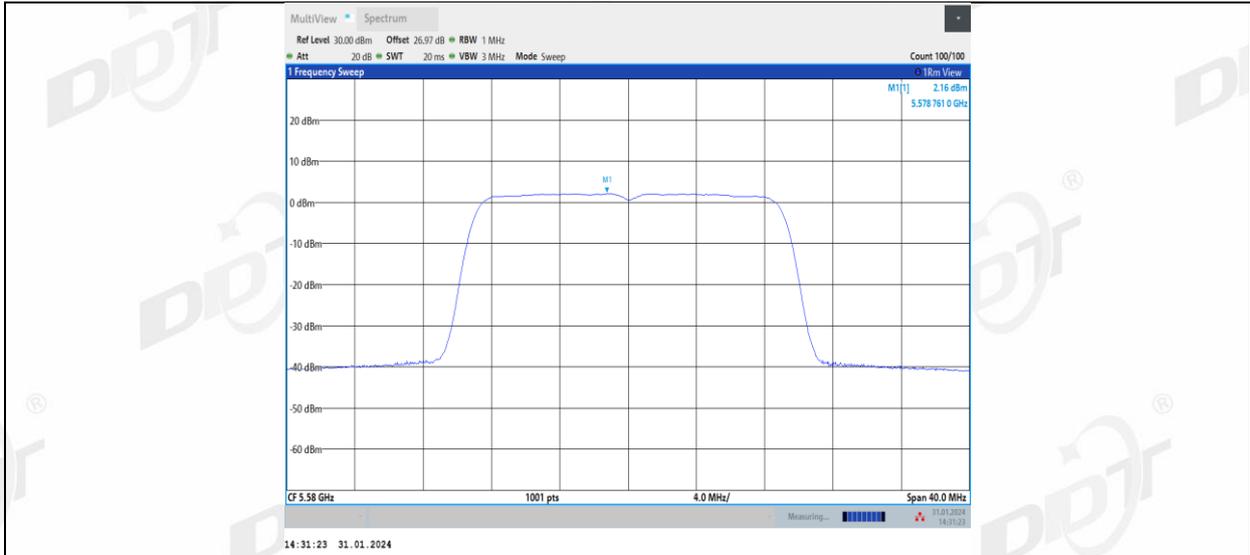
11AC20MIMO_Ant2_5500



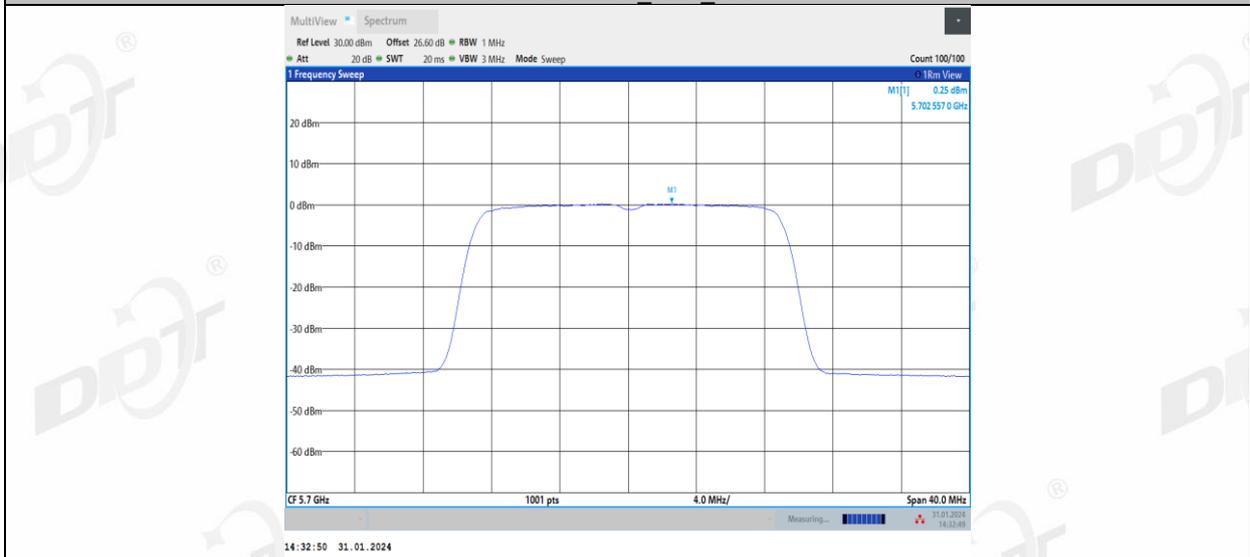
11AC20MIMO_Ant1_5580



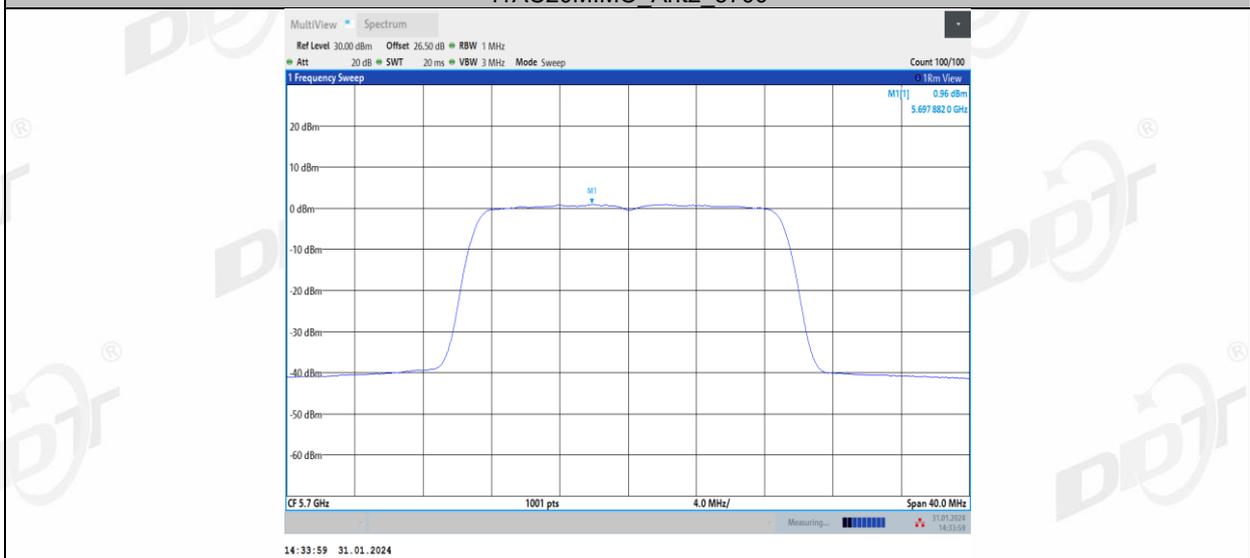
11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5700



11AC20MIMO_Ant2_5700



11AC20MIMO_Ant1_5720_UNII-2C