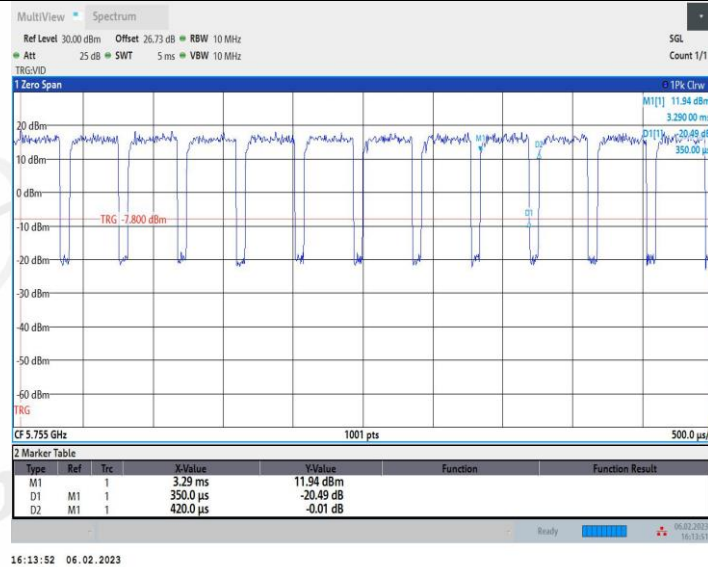
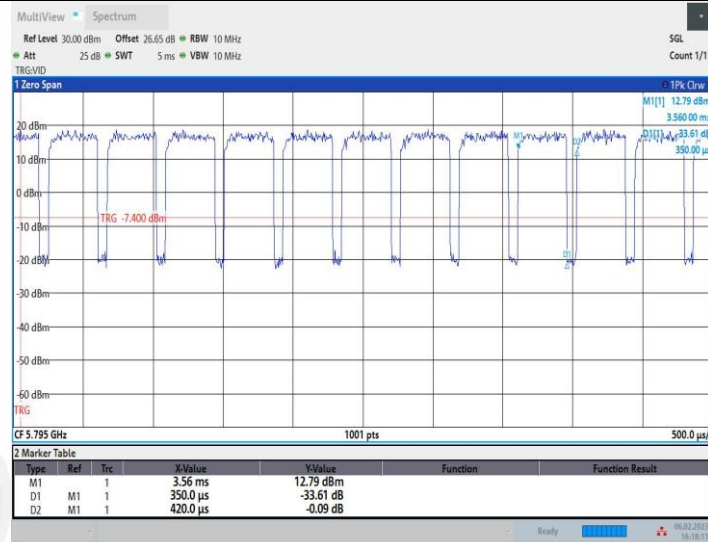


11N40MIMO_Ant2_5755



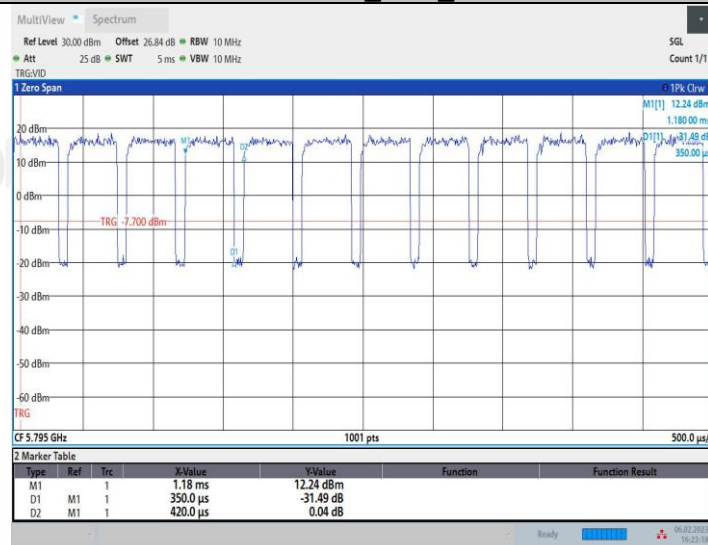
16:13:52 06.02.2023

11N40MIMO_Ant1_5795



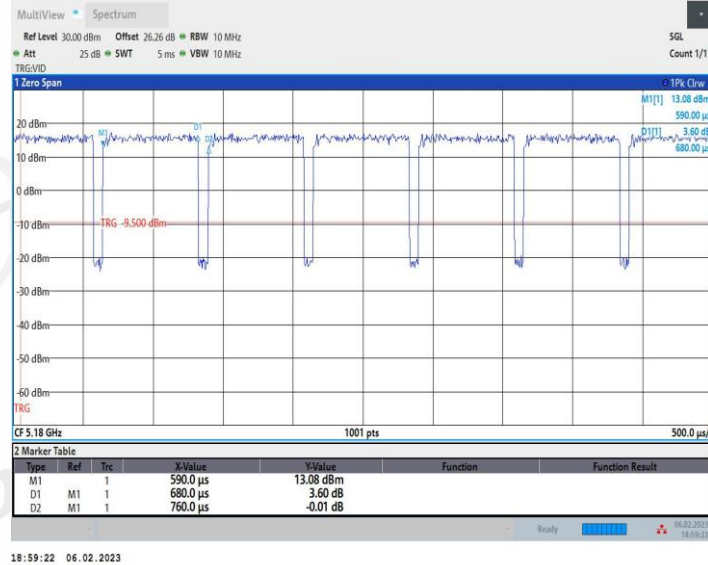
16:18:11 06.02.2023

11N40MIMO_Ant2_5795

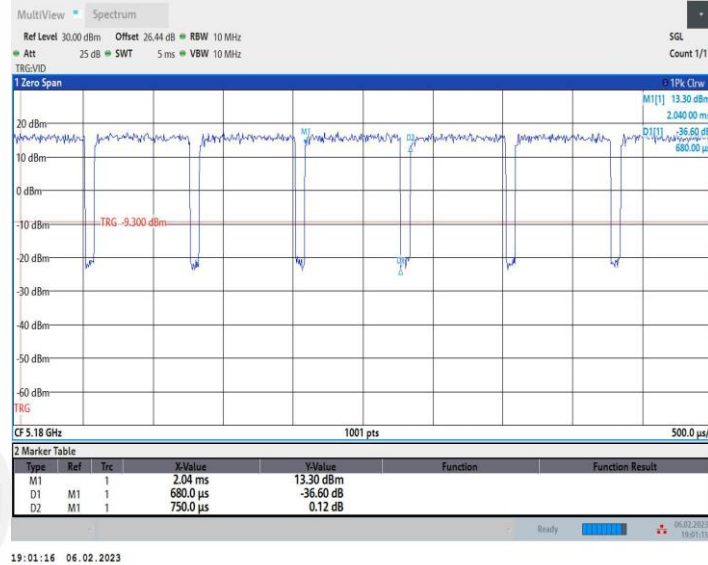


16:22:18 06.02.2023

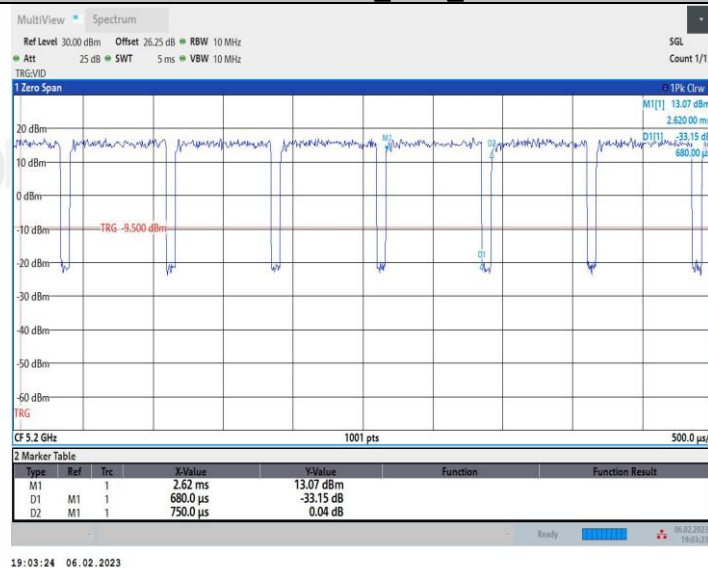
11AC20MIMO_Ant1_5180



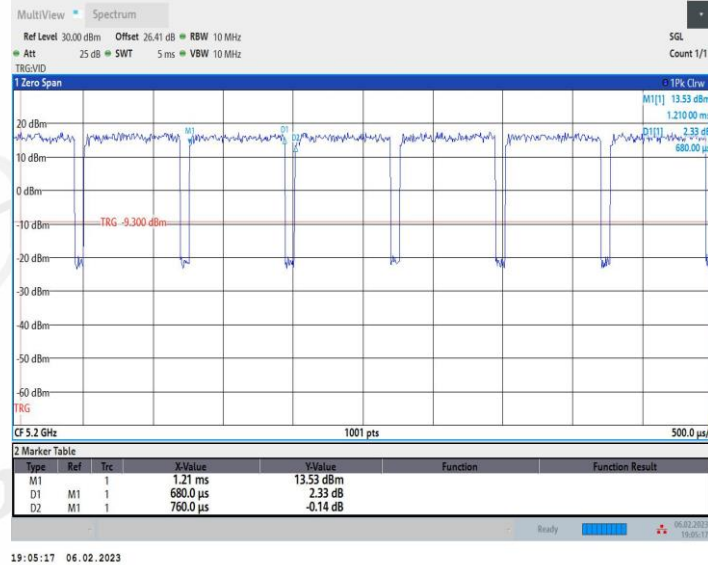
11AC20MIMO_Ant2_5180



11AC20MIMO_Ant1_5200

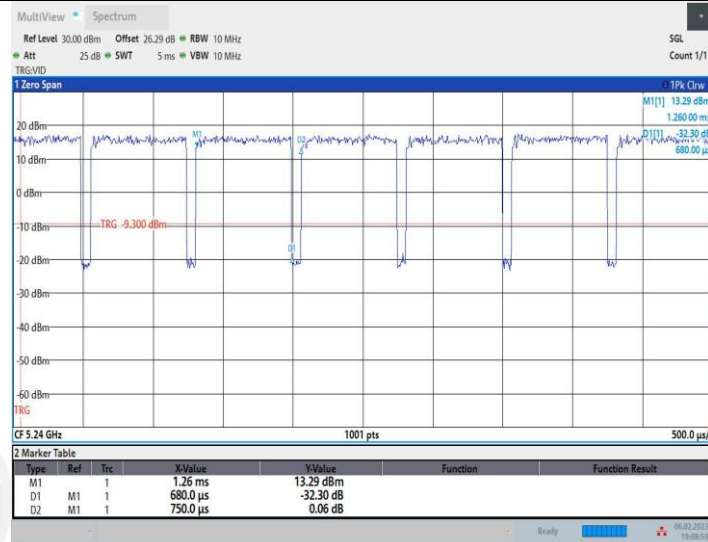


11AC20MIMO_Ant2_5200



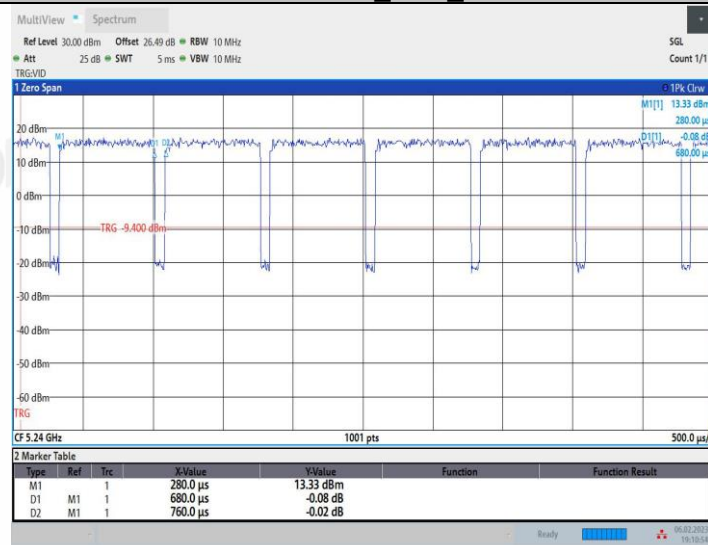
19:05:17 06.02.2023

11AC20MIMO_Ant1_5240



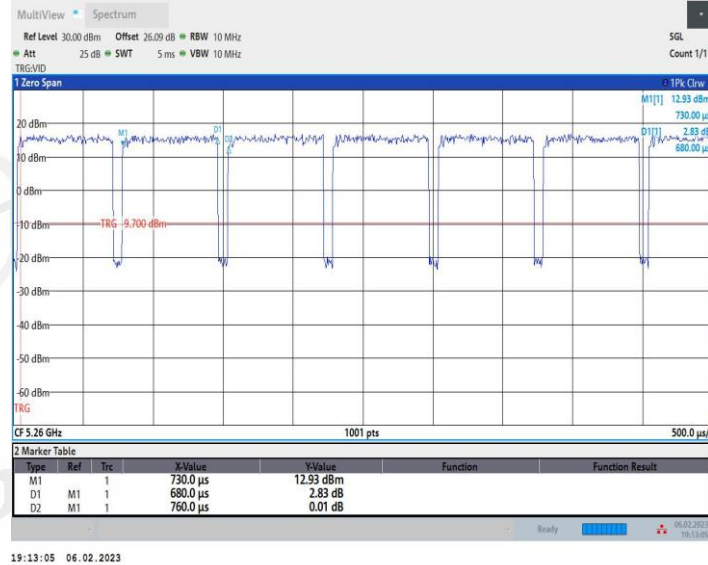
19:09:00 06.02.2023

11AC20MIMO_Ant2_5240

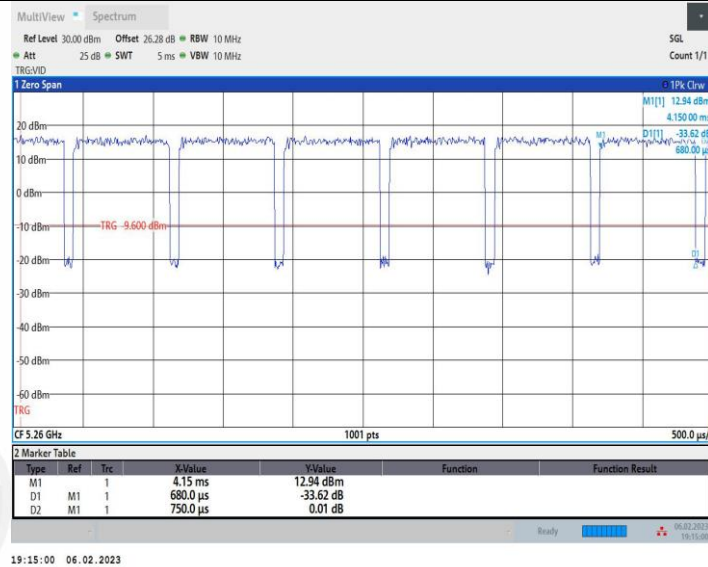


19:10:54 06.02.2023

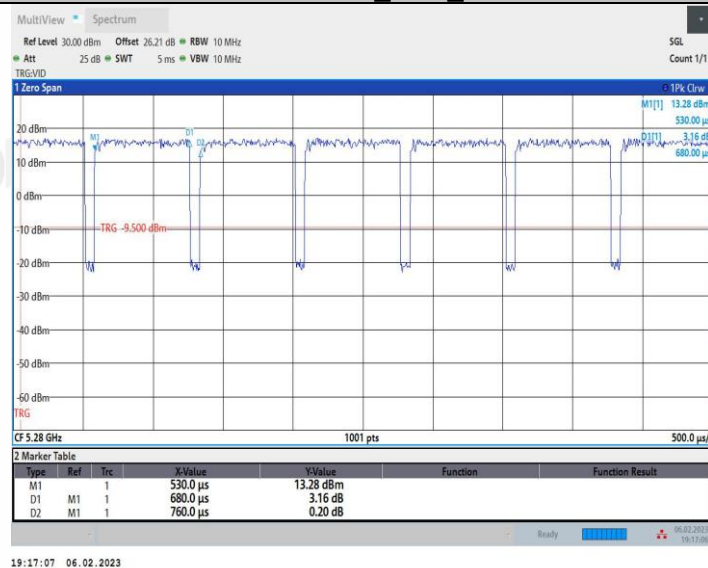
11AC20MIMO_Ant1_5260



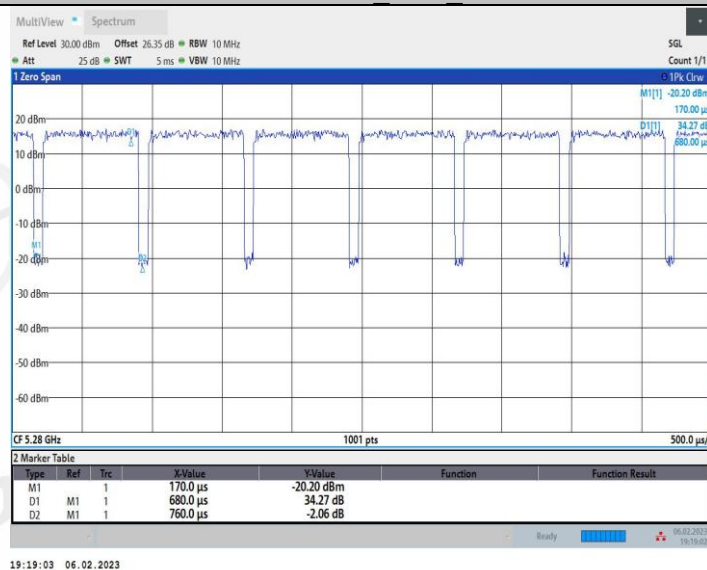
11AC20MIMO_Ant2_5260



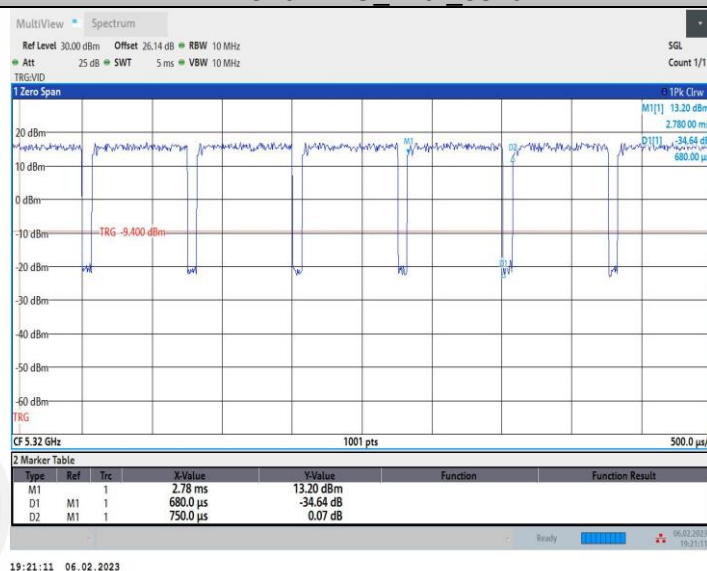
11AC20MIMO_Ant1_5280



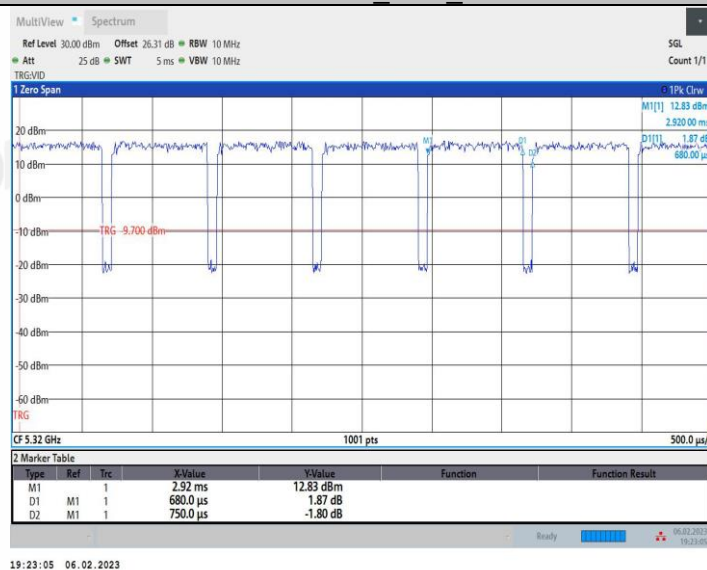
11AC20MIMO_Ant2_5280



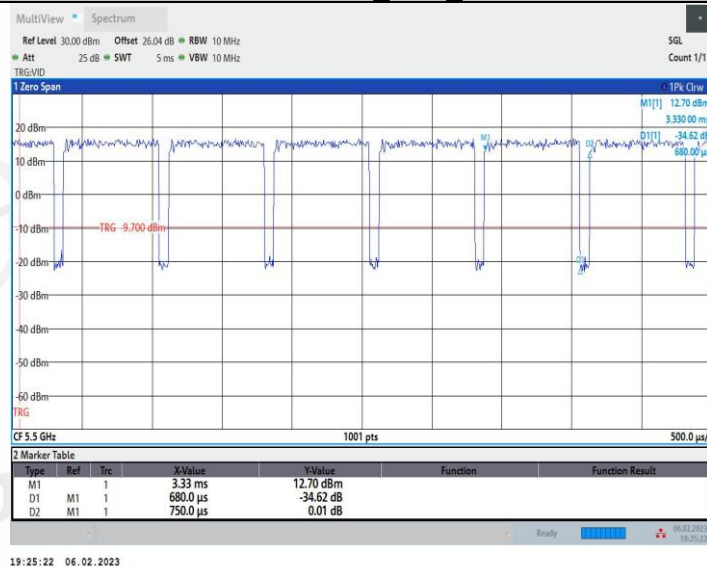
11AC20MIMO_Ant1_5320



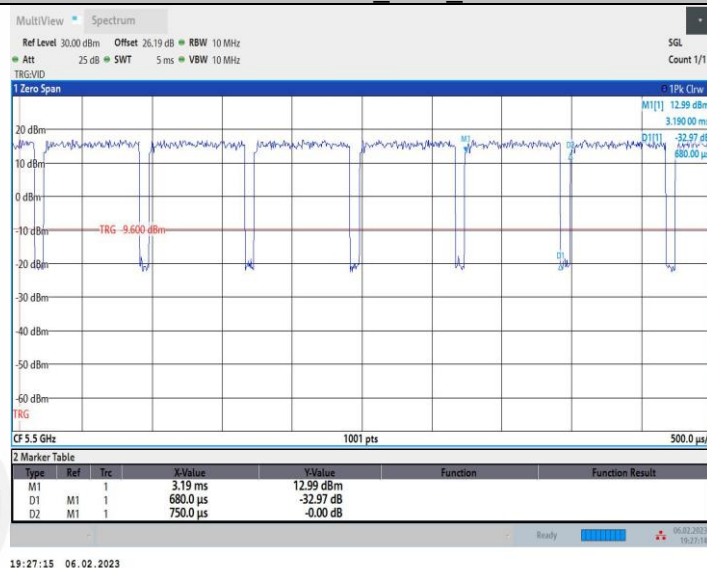
11AC20MIMO_Ant2_5320



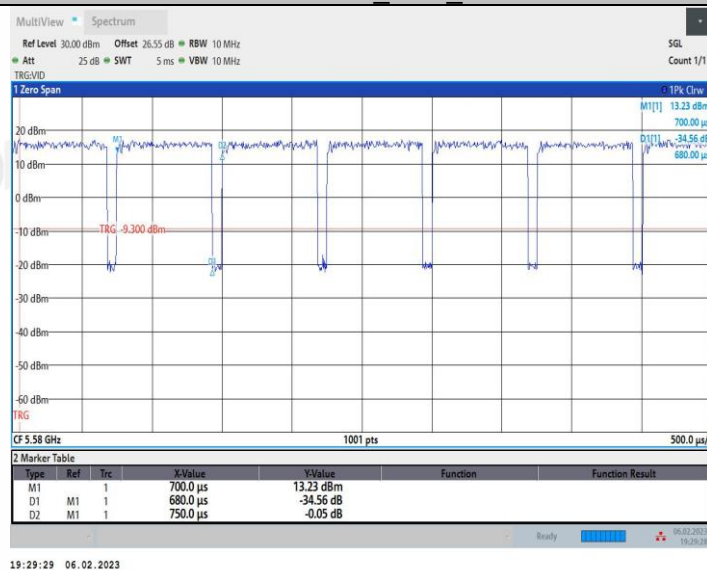
11AC20MIMO_Ant1_5500



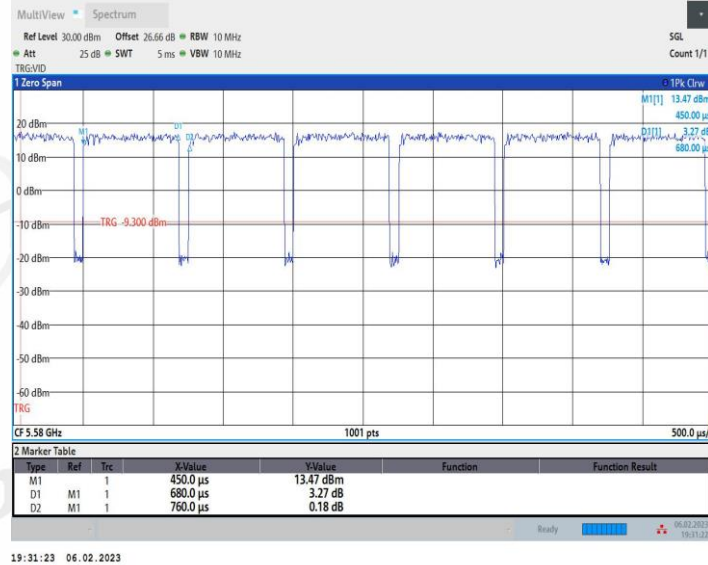
11AC20MIMO_Ant2_5500



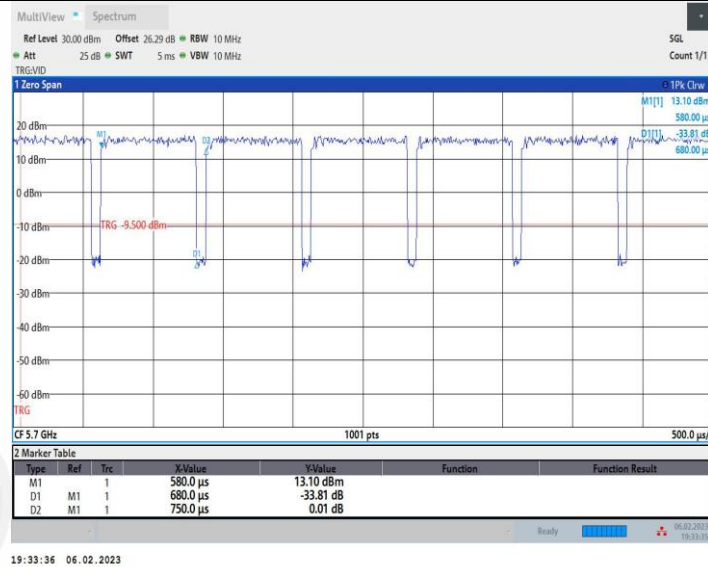
11AC20MIMO_Ant1_5580



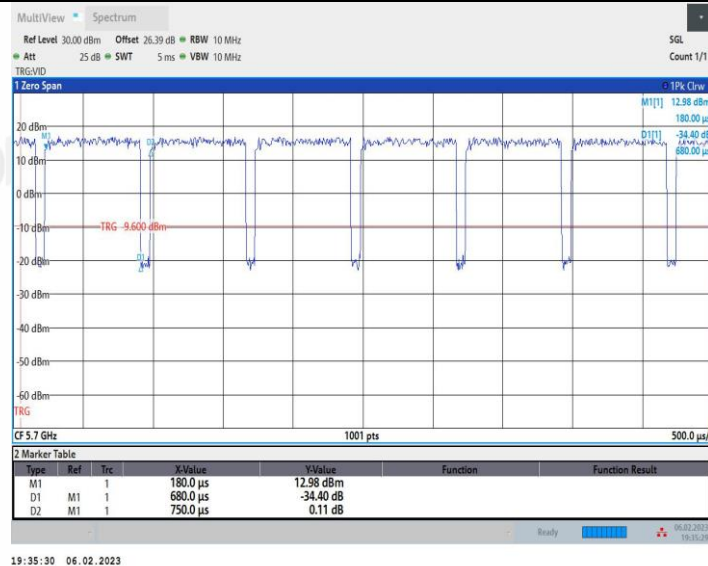
11AC20MIMO_Ant2_5580



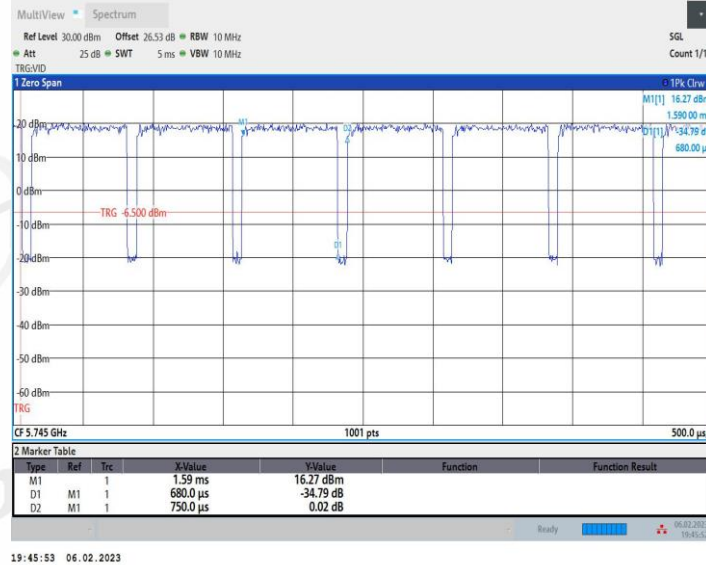
11AC20MIMO_Ant1_5700



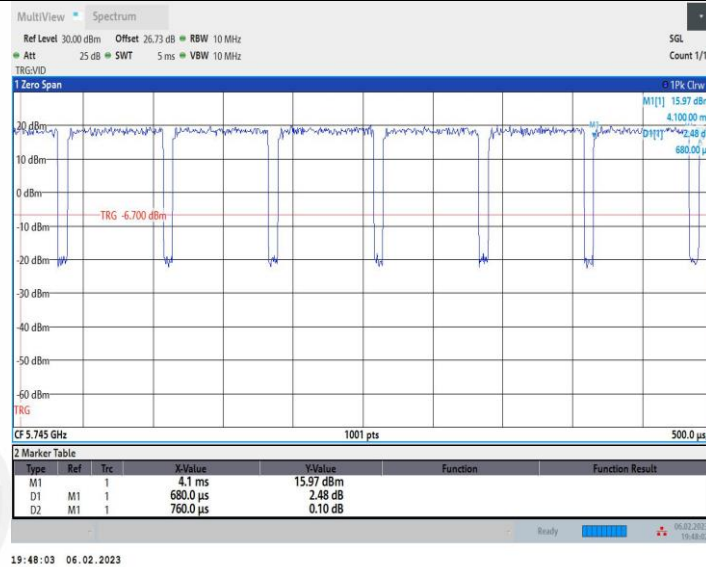
11AC20MIMO_Ant2_5700



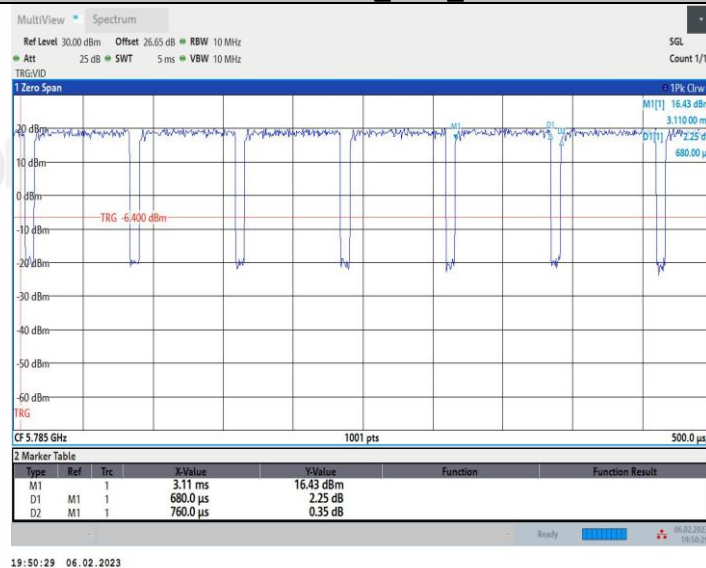
11AC20MIMO_Ant1_5745



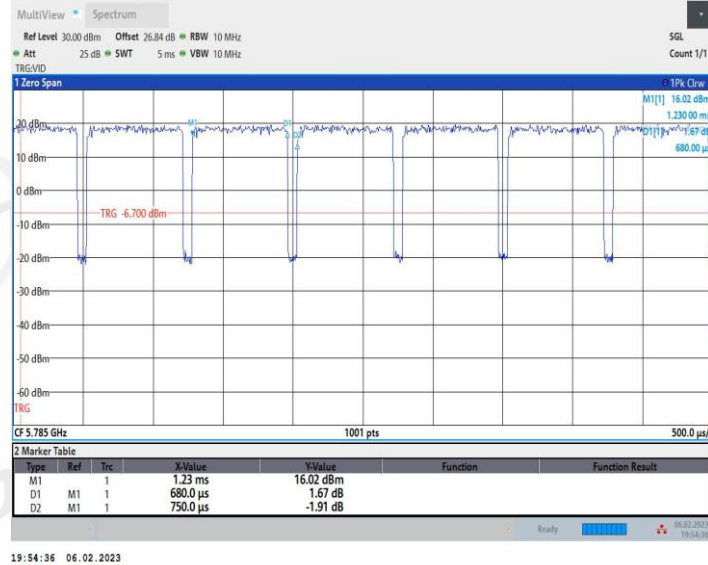
11AC20MIMO_Ant2_5745



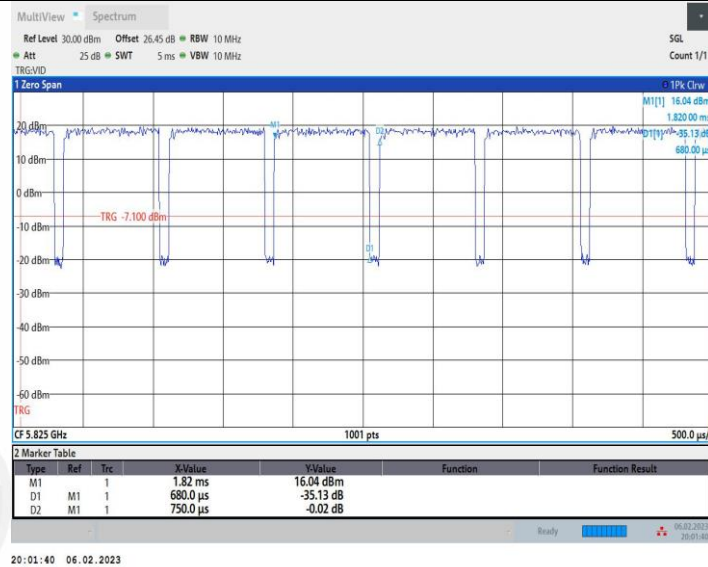
11AC20MIMO_Ant1_5785



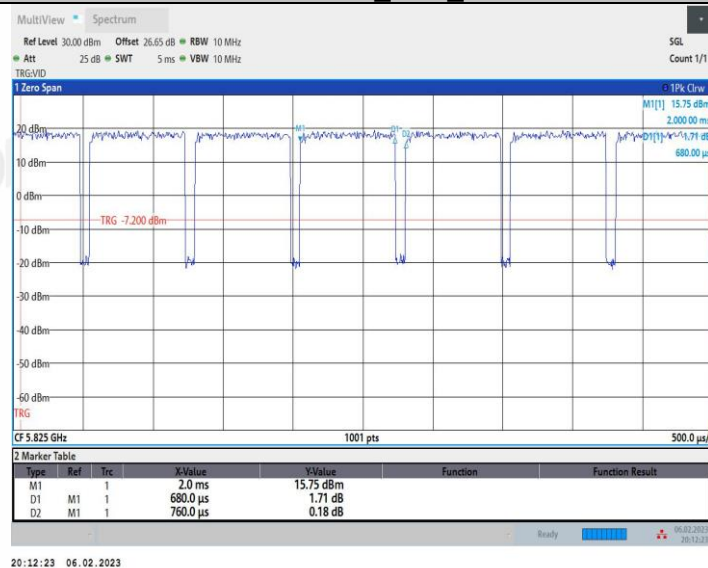
11AC20MIMO_Ant2_5785



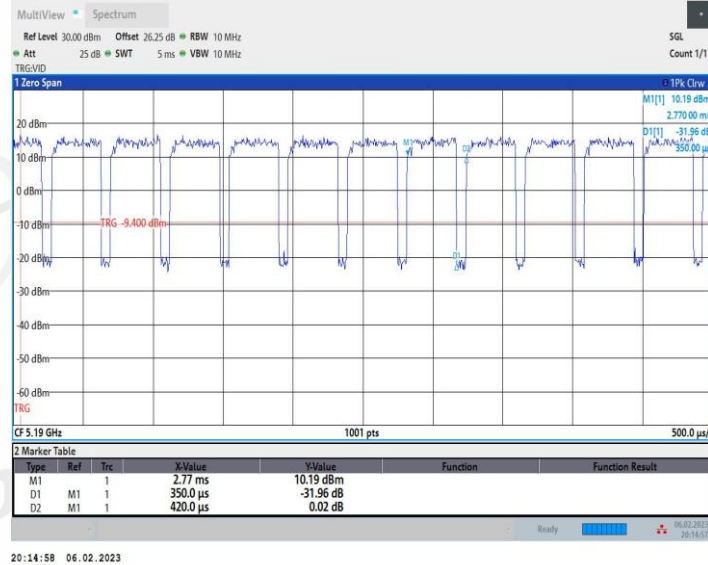
11AC20MIMO_Ant1_5825



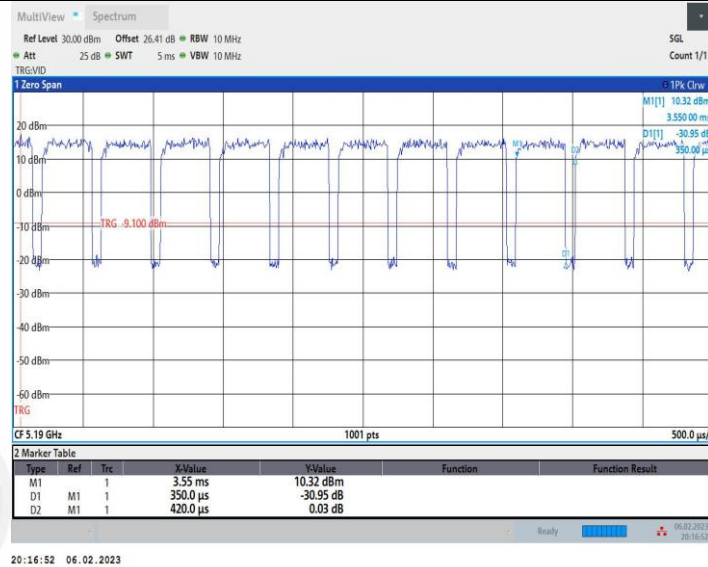
11AC20MIMO_Ant2_5825



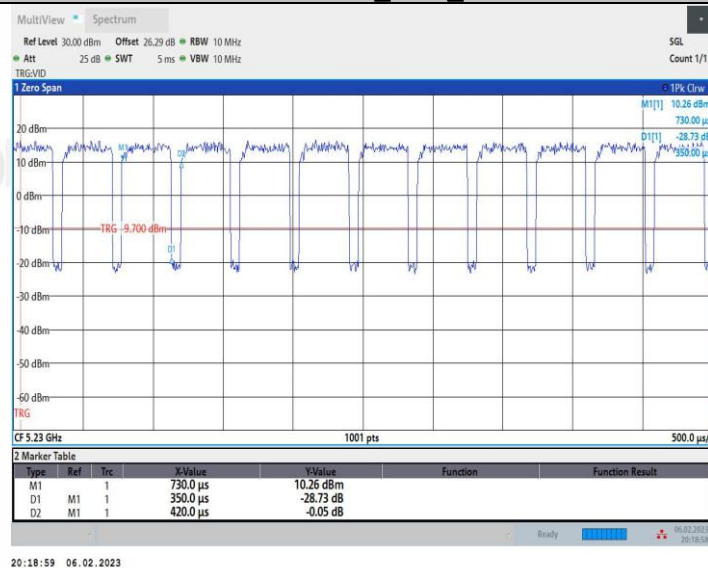
11AC40MIMO_Ant1_5190



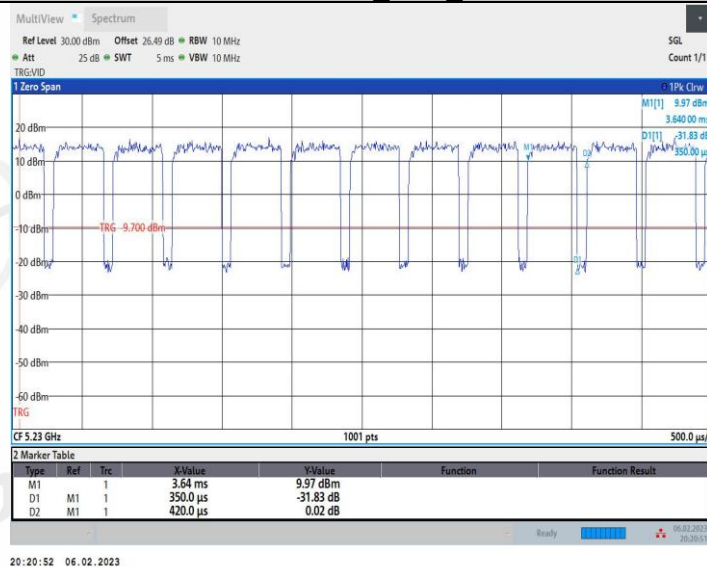
11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230

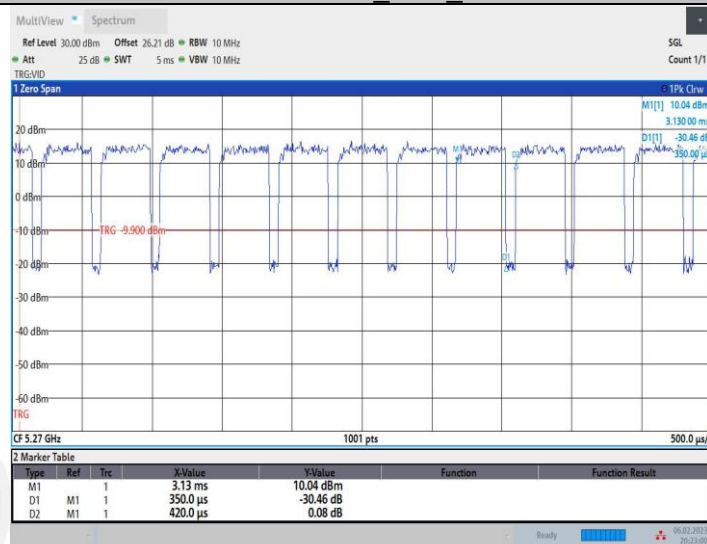


11AC40MIMO_Ant2_5230



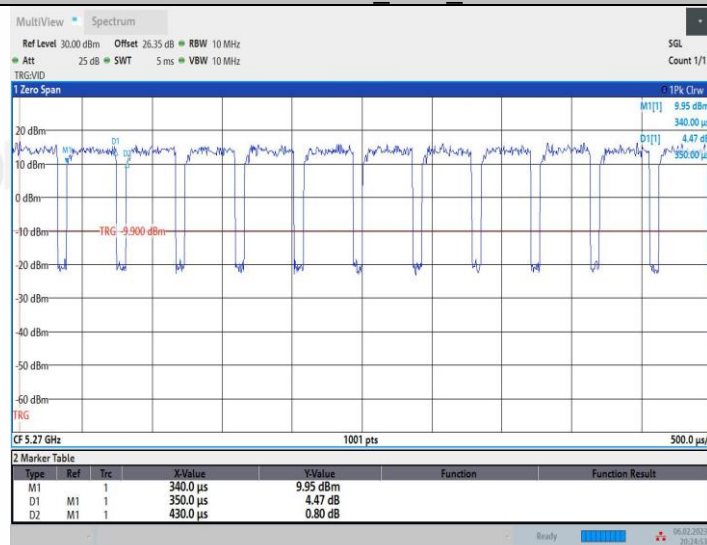
20:20:52 06.02.2023

11AC40MIMO_Ant1_5270



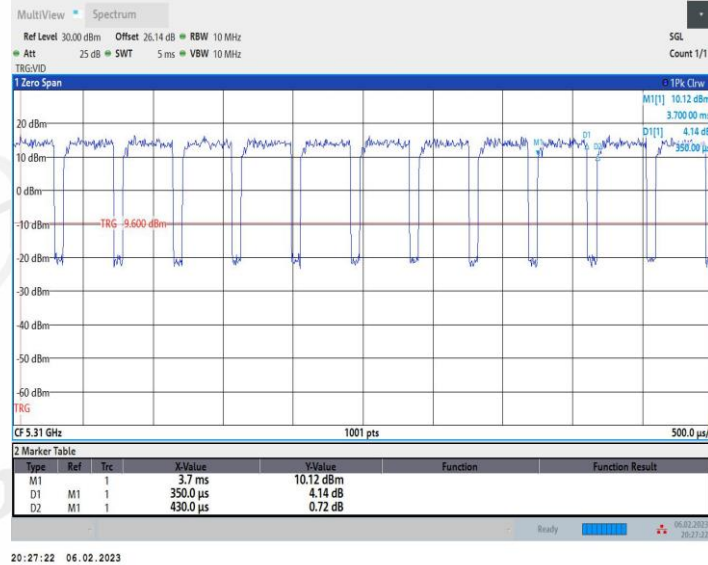
20:23:01 06.02.2023

11AC40MIMO_Ant2_5270

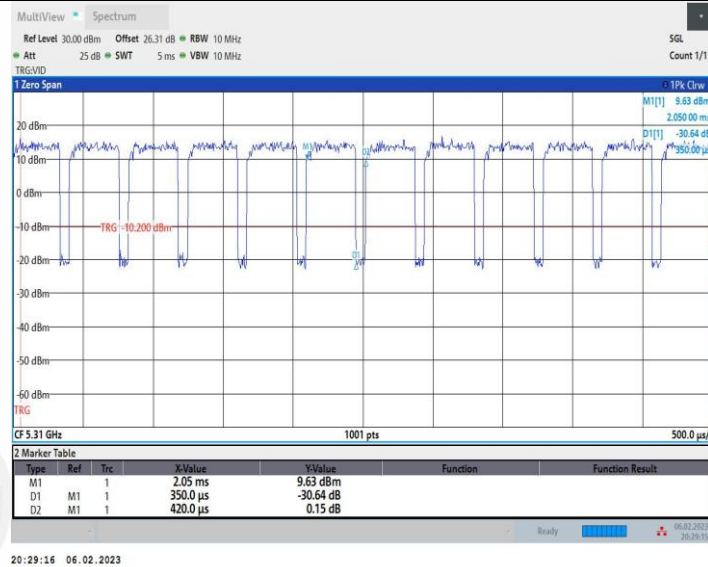


20:24:54 06.02.2023

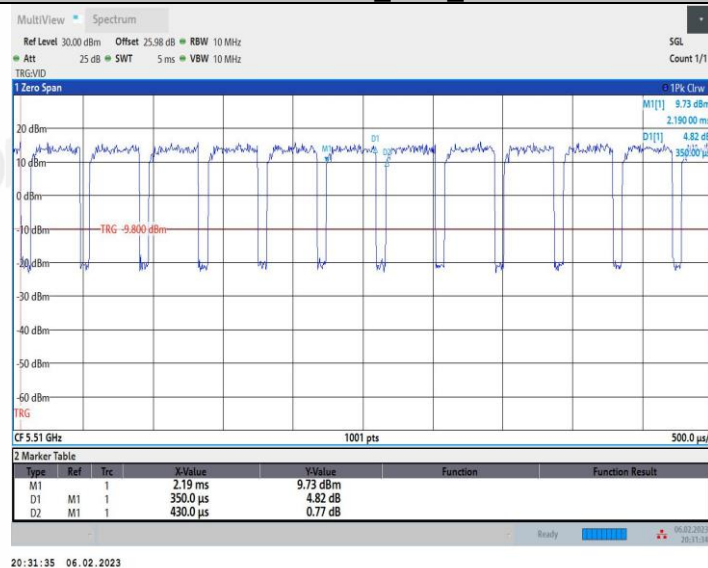
11AC40MIMO_Ant1_5310



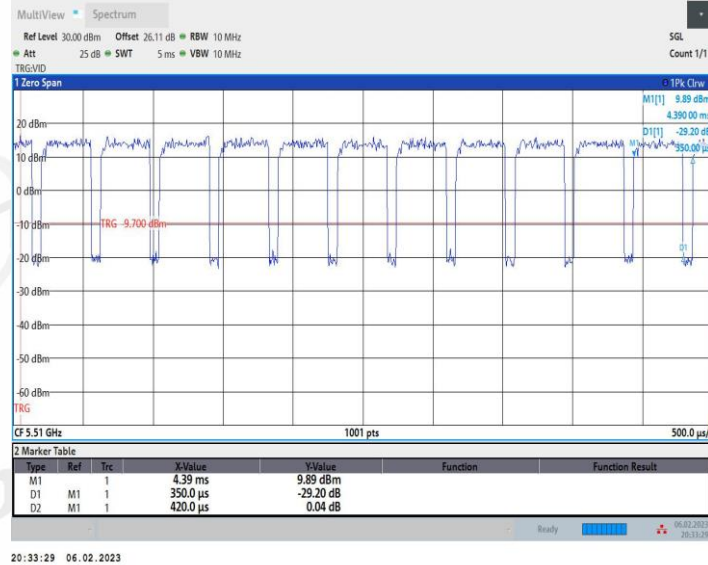
11AC40MIMO_Ant2_5310



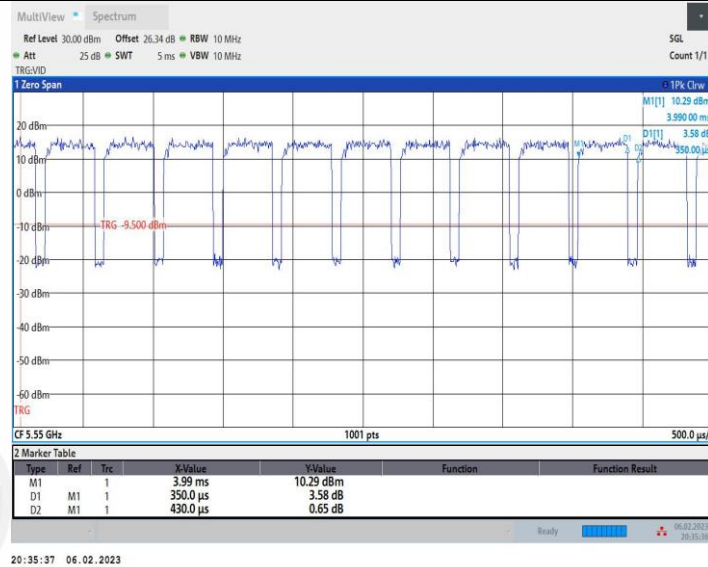
11AC40MIMO_Ant1_5510



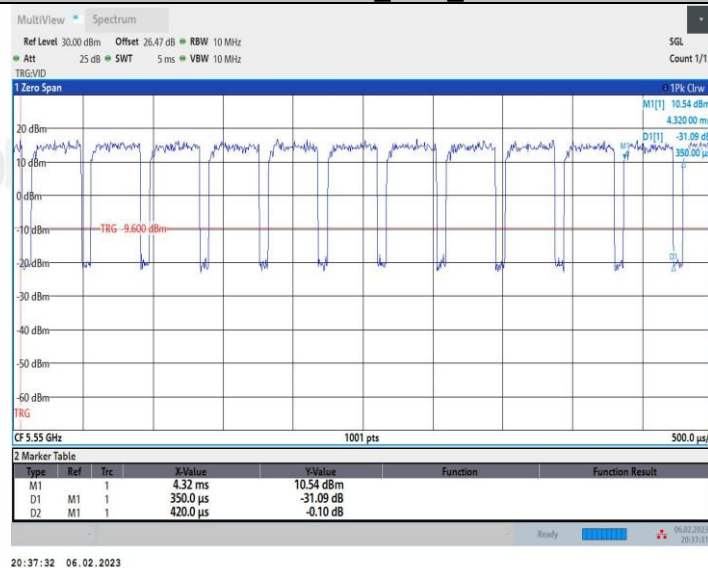
11AC40MIMO_Ant2_5510



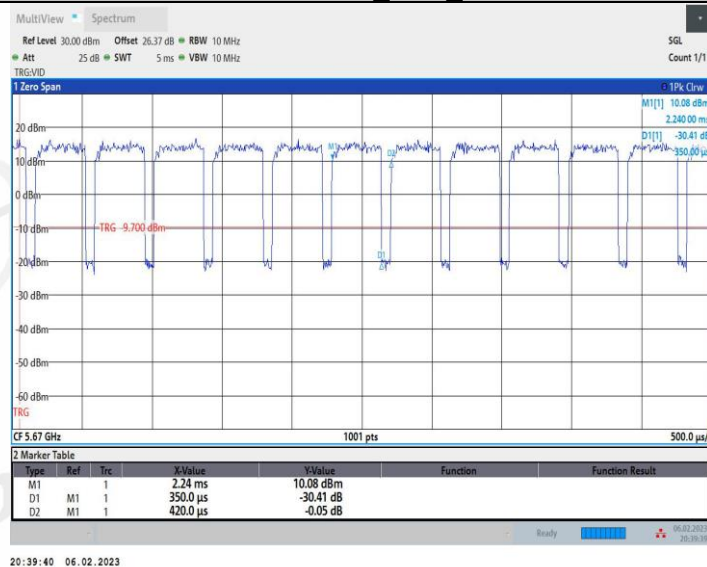
11AC40MIMO_Ant1_5550



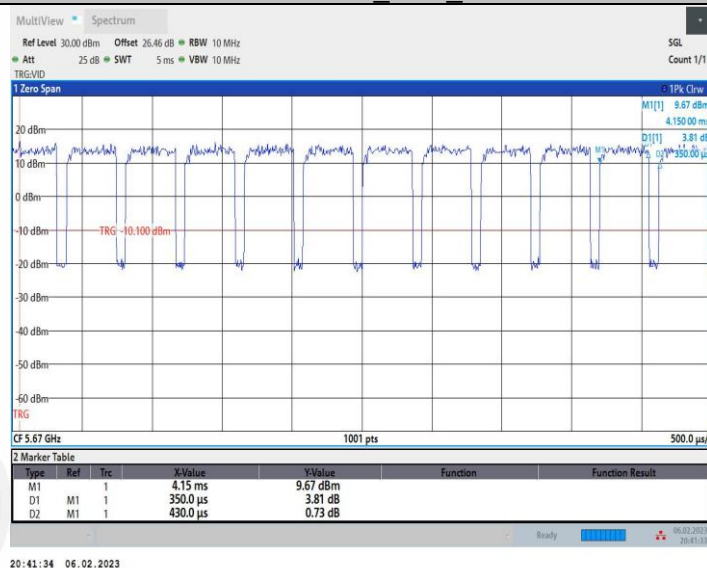
11AC40MIMO_Ant2_5550



11AC40MIMO_Ant1_5670



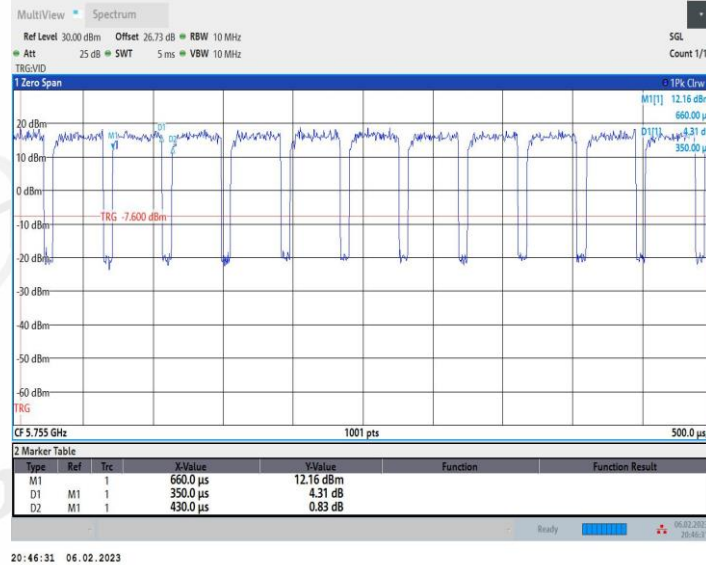
11AC40MIMO_Ant2_5670



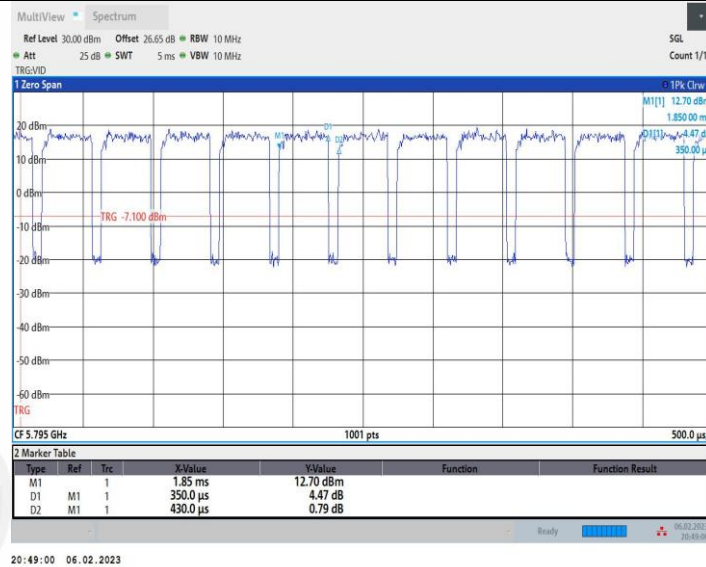
11AC40MIMO_Ant1_5755



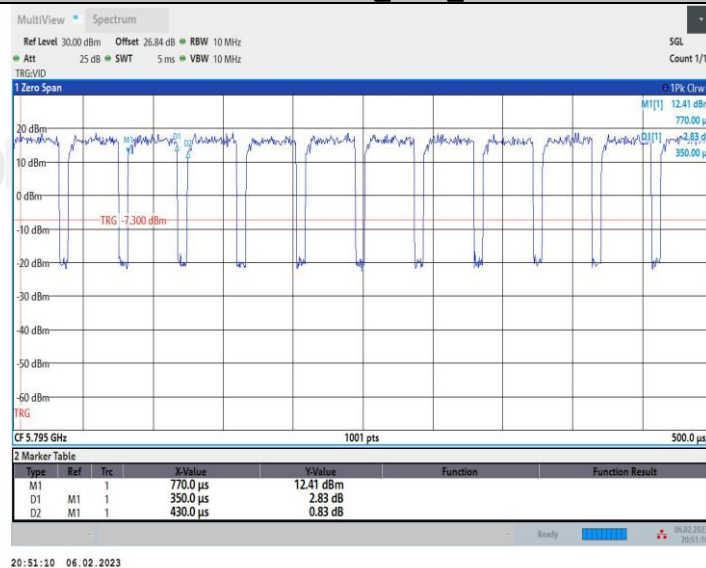
11AC40MIMO_Ant2_5755



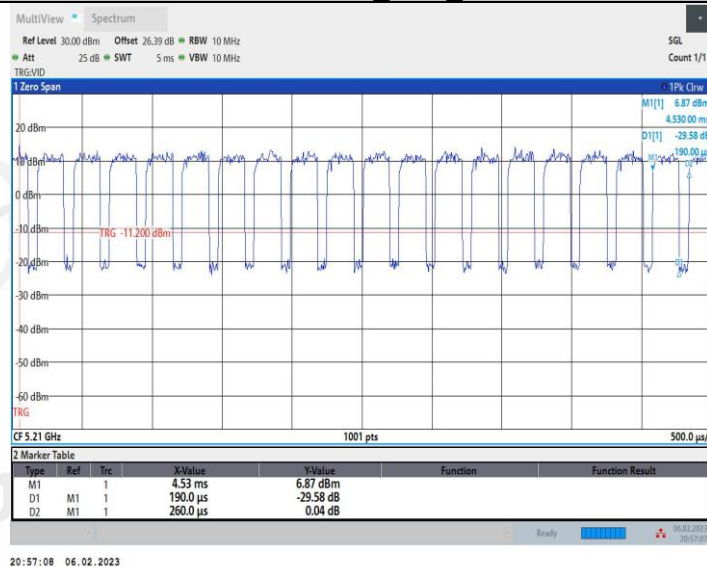
11AC40MIMO_Ant1_5795



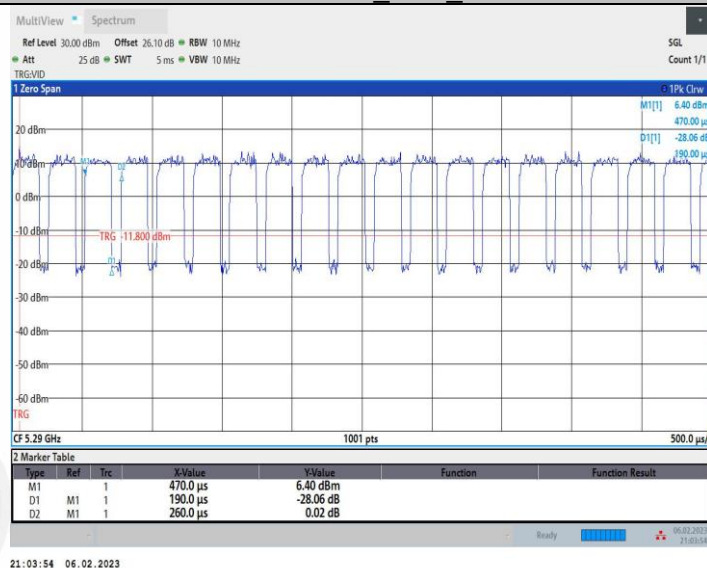
11AC40MIMO_Ant2_5795



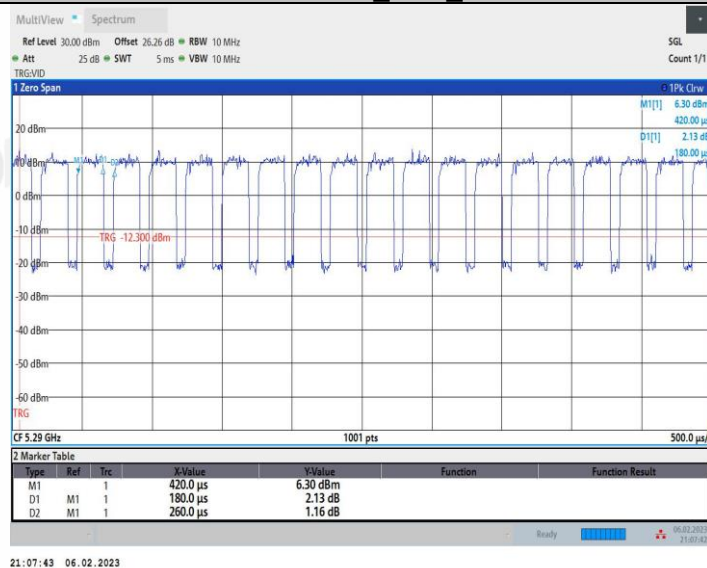
11AC80MIMO_Ant2_5210



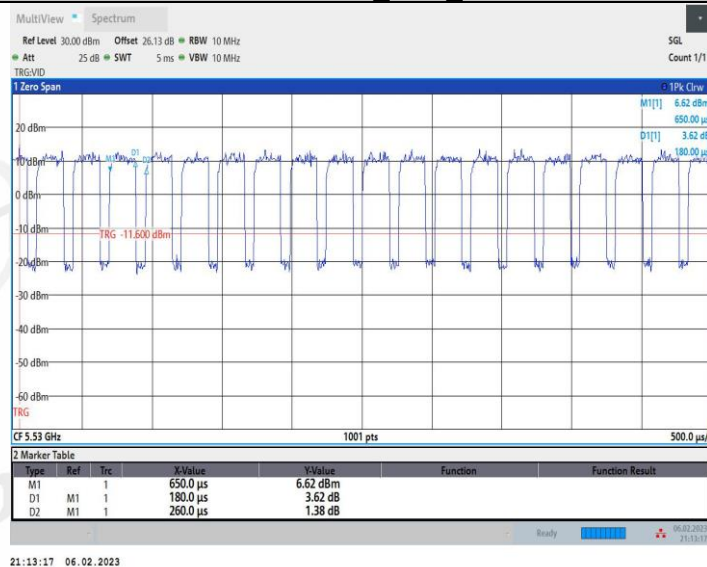
11AC80MIMO_Ant1_5290



11AC80MIMO_Ant2_5290

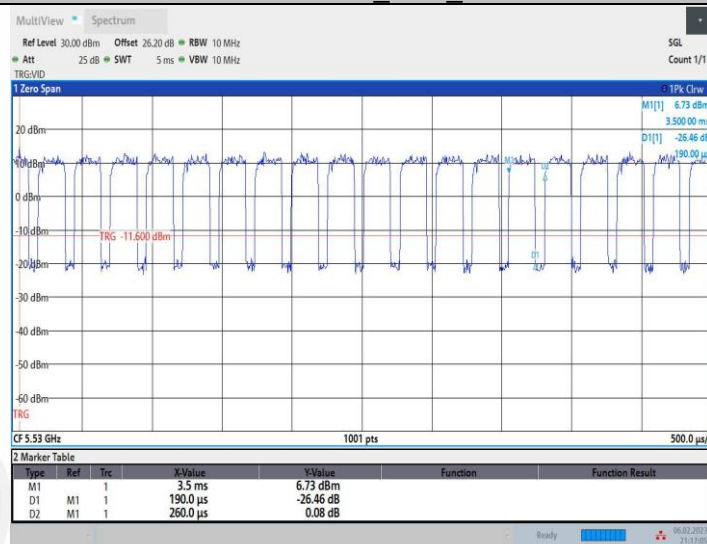


11AC80MIMO_Ant1_5530



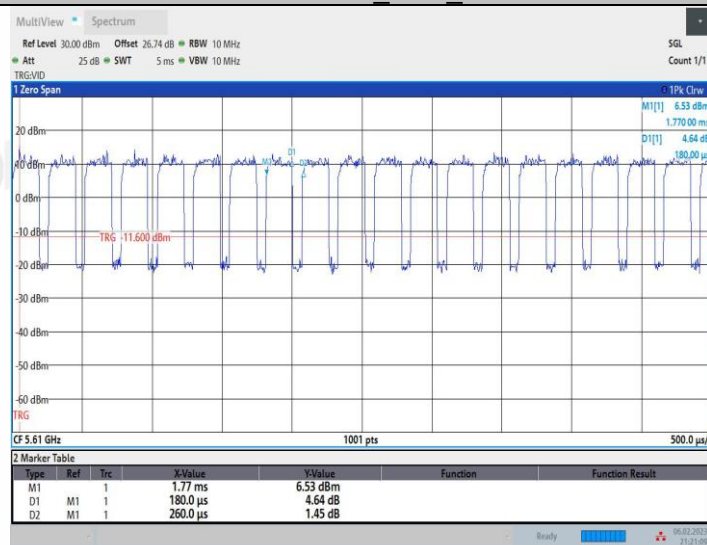
21:13:17 06.02.2023

11AC80MIMO_Ant2_5530



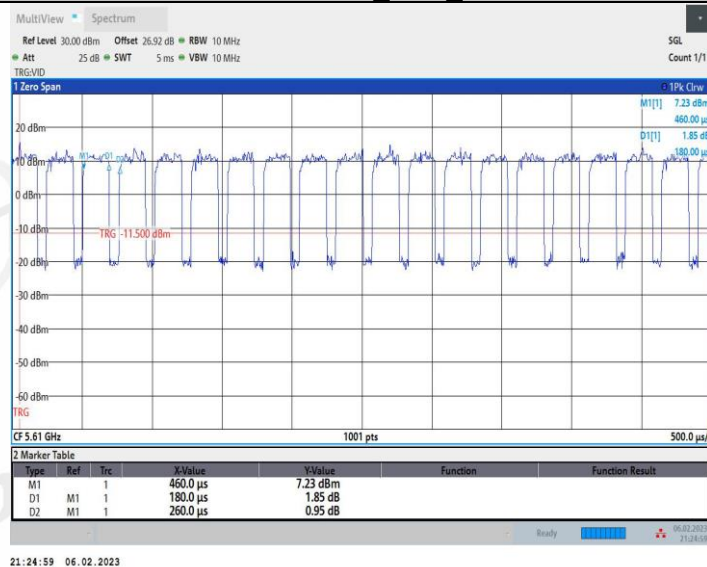
21:17:06 06.02.2023

11AC80MIMO_Ant1_5610

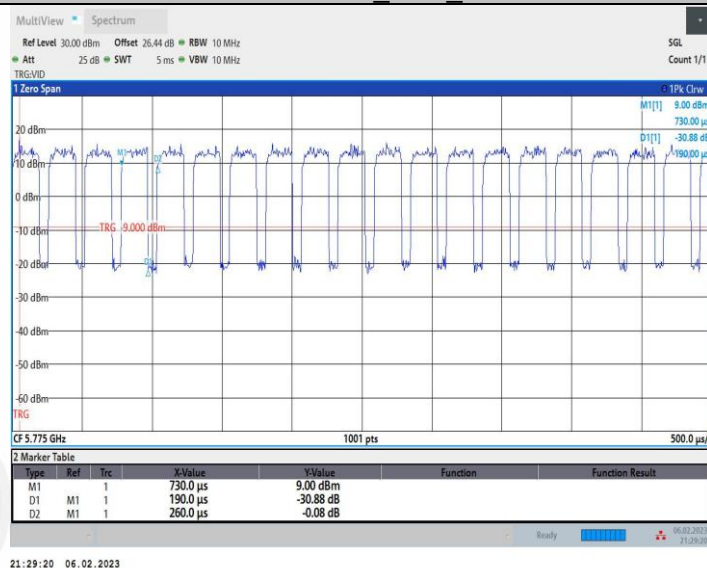


21:21:10 06.02.2023

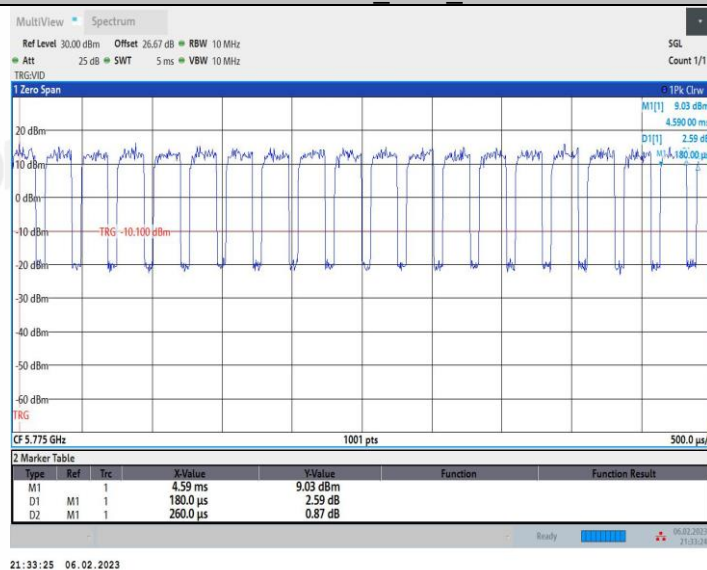
11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



8. Maximum Output Power

8.1. Block diagram of test setup

Same as 7.1.

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 $17 + 10 \log_{10} B$	
	1 Watt (30 dBm)	5725-5850
Note 1: For FCC: B=26 bandwidth; For ISDE: B=99% bandwidth.		
Note 2: For 802.11n and 802.11ac, the EUT incorporates a MIMO function. The Antenna directional gain is 3.55 dBi.		

8.3. Test procedure

- (1) The test according to ANSI C63.10-2013 clause 11.9.2.3.
- (2) Connect EUT's antenna output to RF power meter by RF cable, the path loss was compensated to the results.
- (3) Set the EUT as maximum power setting and enable the EUT transmit continuously, If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.
- (4) Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
- (5) Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.
- (6) Record the RF average power of each antenna port.

8.4. Test result channel power

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	95.21	0.21	16.84	≤23.98	20.24	≤22.34	PASS
	Ant2	5180	95.21	0.21	16.97	≤23.98	20.67	≤22.35	PASS
	Ant1	5200	95.24	0.21	16.99	≤23.98	20.39	≤22.34	PASS
	Ant2	5200	95.21	0.21	16.98	≤23.98	20.68	≤22.35	PASS
	Ant1	5240	94.56	0.24	16.89	≤23.98	20.29	≤22.34	PASS
	Ant2	5240	94.56	0.24	16.98	≤23.98	20.68	≤22.35	PASS
	Ant1	5260	94.56	0.24	16.78	≤23.34	20.18	≤29.34	PASS
	Ant2	5260	95.21	0.21	16.81	≤23.33	20.51	≤29.33	PASS
	Ant1	5280	95.21	0.21	16.83	≤23.34	20.23	≤29.34	PASS
	Ant2	5280	94.56	0.24	16.75	≤23.33	20.45	≤29.33	PASS
	Ant1	5320	95.21	0.21	16.86	≤23.34	20.26	≤29.34	PASS
	Ant2	5320	95.21	0.21	16.50	≤23.33	20.20	≤29.33	PASS
	Ant1	5500	95.21	0.21	16.76	≤23.34	20.16	≤29.34	PASS
	Ant2	5500	95.21	0.21	16.72	≤23.33	20.42	≤29.33	PASS
	Ant1	5580	94.56	0.24	17.13	≤23.34	20.53	≤29.34	PASS
	Ant2	5580	94.56	0.24	17.12	≤23.33	20.82	≤29.33	PASS
	Ant1	5700	94.56	0.24	16.69	≤23.34	20.09	≤29.34	PASS
	Ant2	5700	95.21	0.21	16.52	≤23.33	20.22	≤29.33	PASS
	Ant1	5745	95.24	0.21	15.54	≤30.00	18.94	---	PASS
	Ant2	5745	95.21	0.21	15.17	≤30.00	18.87	---	PASS
	Ant1	5785	94.56	0.24	15.65	≤30.00	19.05	---	PASS
	Ant2	5785	95.24	0.21	15.30	≤30.00	19.00	---	PASS
	Ant1	5825	95.24	0.21	15.44	≤30.00	18.84	---	PASS
	Ant2	5825	95.24	0.21	15.08	≤30.00	18.78	---	PASS
11N20MIMO	Ant1	5180	90.54	0.43	12.98	≤23.98	16.38	≤22.55	PASS
	Ant2	5180	90.54	0.43	13.11	≤23.98	16.81	≤22.49	PASS
	total	5180	---	---	16.06	≤23.98	19.61	≤22.49	PASS
	Ant1	5200	89.33	0.49	13.15	≤23.98	16.55	≤22.55	PASS
	Ant2	5200	89.33	0.49	13.25	≤23.98	16.95	≤22.49	PASS
	total	5200	---	---	16.21	≤23.98	19.76	≤22.49	PASS
	Ant1	5240	90.54	0.43	13.08	≤23.98	16.48	≤22.55	PASS

	Ant2	5240	90.54	0.43	12.97	≤23.98	16.67	≤22.49	PASS
	total	5240	---	---	16.04	≤23.98	19.59	≤22.49	PASS
	Ant1	5260	90.67	0.43	12.96	≤23.55	16.36	≤29.55	PASS
	Ant2	5260	90.54	0.43	12.80	≤23.50	16.50	≤29.50	PASS
	total	5260	---	---	15.89	≤22.94	19.44	≤29.50	PASS
	Ant1	5280	90.54	0.43	12.94	≤23.55	16.34	≤29.55	PASS
	Ant2	5280	90.54	0.43	12.71	≤23.50	16.41	≤29.50	PASS
	total	5280	---	---	15.84	≤22.94	19.39	≤29.50	PASS
	Ant1	5320	89.33	0.49	13.11	≤23.55	16.51	≤29.55	PASS
	Ant2	5320	89.33	0.49	12.59	≤23.50	16.29	≤29.50	PASS
	total	5320	---	---	15.87	≤22.94	19.41	≤29.50	PASS
	Ant1	5500	90.67	0.43	12.78	≤23.55	16.18	≤29.55	PASS
	Ant2	5500	90.54	0.43	12.80	≤23.49	16.50	≤29.49	PASS
	total	5500	---	---	15.80	≤22.93	19.35	≤29.49	PASS
	Ant1	5580	90.54	0.43	13.12	≤23.55	16.52	≤29.55	PASS
	Ant2	5580	89.33	0.49	13.23	≤23.49	16.93	≤29.49	PASS
	total	5580	---	---	16.19	≤22.93	19.74	≤28.93	PASS
	Ant1	5700	90.54	0.43	12.81	≤23.55	16.21	≤29.55	PASS
	Ant2	5700	90.54	0.43	12.59	≤23.49	16.29	≤29.49	PASS
	total	5700	---	---	15.71	≤22.93	19.26	≤29.49	PASS
	Ant1	5745	90.54	0.43	15.60	≤30.00	19.00	---	PASS
	Ant2	5745	90.54	0.43	14.97	≤30.00	18.67	---	PASS
	total	5745	---	---	18.31	≤30.00	21.85	---	PASS
	Ant1	5785	90.67	0.43	15.65	≤30.00	19.05	---	PASS
	Ant2	5785	89.33	0.49	15.28	≤30.00	18.98	---	PASS
	total	5785	---	---	18.48	≤30.00	22.03	---	PASS
	Ant1	5825	90.54	0.43	15.48	≤30.00	18.88	---	PASS
	Ant2	5825	90.54	0.43	15.06	≤30.00	18.76	---	PASS
	total	5825	---	---	18.29	≤30.00	21.83	---	PASS
11N40MIMO	Ant1	5190	83.33	0.79	13.49	≤23.98	16.89	≤23.00	PASS
	Ant2	5190	83.33	0.79	13.41	≤23.98	17.11	≤23.00	PASS
	total	5190	---	---	16.46	≤23.98	20.01	≤23.00	PASS
	Ant1	5230	83.33	0.79	13.50	≤23.98	16.90	≤23.00	PASS
	Ant2	5230	83.33	0.79	13.31	≤23.98	17.01	≤23.00	PASS

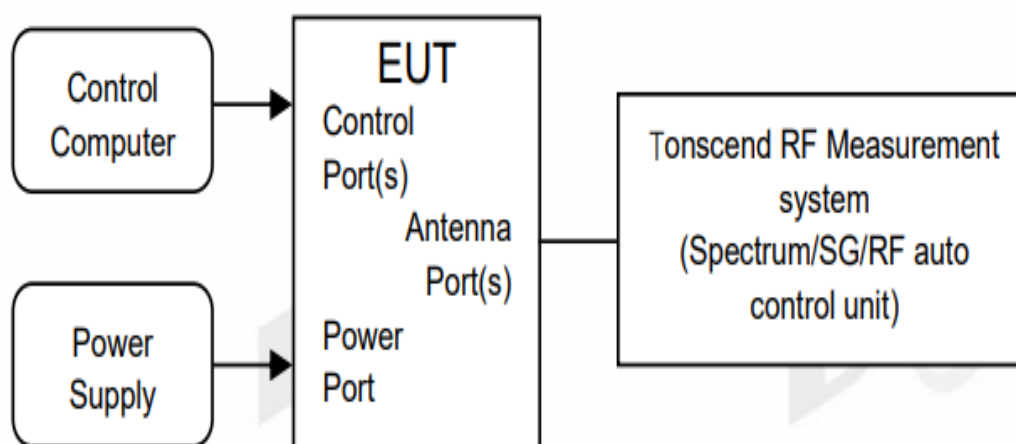
11AC20MIMO	total	5230	---	---	16.42	≤23.98	19.97	≤23.00	PASS
	Ant1	5270	83.33	0.79	13.24	≤23.98	16.64	≤30.00	PASS
	Ant2	5270	83.33	0.79	13.17	≤23.98	16.87	≤30.00	PASS
	total	5270	---	---	16.22	≤23.98	19.77	≤30.00	PASS
	Ant1	5310	83.33	0.79	13.38	≤23.98	16.78	≤30.00	PASS
	Ant2	5310	80.95	0.92	13.03	≤23.98	16.73	≤30.00	PASS
	total	5310	---	---	16.22	≤23.98	19.77	≤30.00	PASS
	Ant1	5510	83.33	0.79	13.30	≤23.98	16.70	≤30.00	PASS
	Ant2	5510	83.33	0.79	13.14	≤23.98	16.84	≤30.00	PASS
	total	5510	---	---	16.23	≤23.98	19.78	≤30.00	PASS
	Ant1	5550	83.33	0.79	13.55	≤23.98	16.95	≤30.00	PASS
	Ant2	5550	83.33	0.79	13.52	≤23.98	17.22	≤30.00	PASS
	total	5550	---	---	16.55	≤23.98	20.10	≤30.00	PASS
	Ant1	5670	80.95	0.92	13.71	≤23.98	17.11	≤30.00	PASS
	Ant2	5670	83.33	0.79	13.24	≤23.98	16.94	≤30.00	PASS
	total	5670	---	---	16.49	≤23.98	20.04	≤30.00	PASS
	Ant1	5755	80.95	0.92	16.09	≤30.00	19.49	---	PASS
	Ant2	5755	83.33	0.79	15.36	≤30.00	19.06	---	PASS
	total	5755	---	---	18.75	≤30.00	22.29	---	PASS
	Ant1	5795	83.33	0.79	16.09	≤30.00	19.49	---	PASS
	Ant2	5795	83.33	0.79	15.53	≤30.00	19.23	---	PASS
	total	5795	---	---	18.83	≤30.00	22.37	---	PASS
	Ant1	5180	89.47	0.48	12.86	≤23.98	16.26	≤22.55	PASS
	Ant2	5180	90.67	0.43	13.10	≤23.98	16.80	≤22.50	PASS
	total	5180	---	---	15.99	≤23.98	19.55	≤22.50	PASS
	Ant1	5200	90.67	0.43	12.99	≤23.98	16.39	≤22.55	PASS
	Ant2	5200	89.47	0.48	13.16	≤23.98	16.86	≤22.50	PASS
	total	5200	---	---	16.09	≤23.98	19.64	≤22.50	PASS
	Ant1	5240	90.67	0.43	13.03	≤23.98	16.43	≤22.55	PASS
	Ant2	5240	89.47	0.48	12.91	≤23.98	16.61	≤22.50	PASS
	total	5240	---	---	15.98	≤23.98	19.53	≤22.50	PASS
	Ant1	5260	89.47	0.48	12.92	≤23.55	16.32	≤29.55	PASS
	Ant2	5260	90.67	0.43	12.77	≤23.50	16.47	≤29.50	PASS
	total	5260	---	---	15.86	≤22.94	19.41	≤29.50	PASS

	Ant1	5280	89.47	0.48	12.92	≤23.55	16.32	≤29.55	PASS
	Ant2	5280	89.47	0.48	12.73	≤23.50	16.43	≤29.50	PASS
	total	5280	---	---	15.84	≤22.94	19.39	≤29.50	PASS
	Ant1	5320	90.67	0.43	13.07	≤23.55	16.47	≤29.55	PASS
	Ant2	5320	90.67	0.43	12.60	≤23.50	16.30	≤29.50	PASS
	total	5320	---	---	15.85	≤22.94	19.40	≤29.50	PASS
	Ant1	5500	90.67	0.43	12.73	≤23.55	16.13	≤29.55	PASS
	Ant2	5500	90.67	0.43	12.79	≤23.49	16.49	≤29.49	PASS
	total	5500	---	---	15.77	≤22.93	19.32	≤29.49	PASS
	Ant1	5580	90.67	0.43	13.06	≤23.55	16.46	≤29.55	PASS
	Ant2	5580	89.47	0.48	13.20	≤23.49	16.90	≤29.49	PASS
	total	5580	---	---	16.14	≤22.93	19.70	≤29.49	PASS
	Ant1	5700	90.67	0.43	12.77	≤23.55	16.17	≤29.55	PASS
	Ant2	5700	90.67	0.43	12.54	≤23.49	16.24	≤29.49	PASS
	total	5700	---	---	15.67	≤22.93	19.22	≤29.49	PASS
	Ant1	5745	90.67	0.43	15.56	≤30.00	18.96	---	PASS
	Ant2	5745	89.47	0.48	15.11	≤30.00	18.81	---	PASS
	total	5745	---	---	18.35	≤30.00	21.90	---	PASS
	Ant1	5785	89.47	0.48	15.76	≤30.00	19.16	---	PASS
	Ant2	5785	90.67	0.43	15.15	≤30.00	18.85	---	PASS
	total	5785	---	---	18.48	≤30.00	22.02	---	PASS
	Ant1	5825	90.67	0.43	15.49	≤30.00	18.89	---	PASS
	Ant2	5825	89.47	0.48	15.12	≤30.00	18.82	---	PASS
	total	5825	---	---	18.32	≤30.00	21.87	---	PASS
11AC40MIMO	Ant1	5190	83.33	0.79	13.46	≤23.98	16.86	≤23.00	PASS
	Ant2	5190	83.33	0.79	13.62	≤23.98	17.32	≤23.00	PASS
	total	5190	---	---	16.55	≤23.98	20.11	≤23.00	PASS
	Ant1	5230	83.33	0.79	13.56	≤23.98	16.96	≤23.00	PASS
	Ant2	5230	83.33	0.79	13.30	≤23.98	17.00	≤23.00	PASS
	total	5230	---	---	16.44	≤23.98	19.99	≤23.00	PASS
	Ant1	5270	83.33	0.79	13.33	≤23.98	16.73	≤30.00	PASS
	Ant2	5270	81.40	0.89	13.32	≤23.98	17.02	≤30.00	PASS
	total	5270	---	---	16.34	≤23.98	19.89	≤30.00	PASS
	Ant1	5310	81.40	0.89	13.51	≤23.98	16.91	≤30.00	PASS

	Ant2	5310	83.33	0.79	12.91	≤23.98	16.61	≤30.00	PASS
	total	5310	---	---	16.23	≤23.98	19.77	≤30.00	PASS
	Ant1	5510	81.40	0.89	13.36	≤23.98	16.76	≤30.00	PASS
	Ant2	5510	83.33	0.79	13.32	≤23.98	17.02	≤30.00	PASS
	total	5510	---	---	16.35	≤23.98	19.90	≤30.00	PASS
	Ant1	5550	81.40	0.89	13.71	≤23.98	17.11	≤30.00	PASS
	Ant2	5550	83.33	0.79	13.55	≤23.98	17.25	≤30.00	PASS
	total	5550	---	---	16.64	≤23.98	20.19	≤30.00	PASS
	Ant1	5670	83.33	0.79	13.48	≤23.98	16.88	≤30.00	PASS
	Ant2	5670	81.40	0.89	13.24	≤23.98	16.94	≤30.00	PASS
	total	5670	---	---	16.37	≤23.98	19.92	≤30.00	PASS
	Ant1	5755	81.40	0.89	16.06	≤30.00	19.46	---	PASS
	Ant2	5755	81.40	0.89	15.49	≤30.00	19.19	---	PASS
	total	5755	---	---	18.79	≤30.00	22.34	---	PASS
	Ant1	5795	81.40	0.89	16.05	≤30.00	19.45	---	PASS
	Ant2	5795	81.40	0.89	15.60	≤30.00	19.30	---	PASS
	total	5795	---	---	18.84	≤30.00	22.39	---	PASS
11AC80MIMO	Ant1	5210	70.93	1.49	13.57	≤23.98	16.97	≤23.00	PASS
	Ant2	5210	73.08	1.36	13.48	≤23.98	17.18	≤23.00	PASS
	total	5210	---	---	16.54	≤23.98	20.09	≤23.00	PASS
	Ant1	5290	73.08	1.36	13.36	≤23.98	16.76	≤30.00	PASS
	Ant2	5290	69.23	1.60	13.21	≤23.98	16.91	≤30.00	PASS
	total	5290	---	---	16.30	≤23.98	19.85	≤30.00	PASS
	Ant1	5530	69.23	1.60	13.74	≤23.98	17.14	≤30.00	PASS
	Ant2	5530	73.08	1.36	13.35	≤23.98	17.05	≤30.00	PASS
	total	5530	---	---	16.56	≤23.98	20.11	≤30.00	PASS
	Ant1	5610	69.23	1.60	13.75	≤23.98	17.15	≤30.00	PASS
	Ant2	5610	69.23	1.60	13.71	≤23.98	17.41	≤30.00	PASS
	total	5610	---	---	16.74	≤23.98	20.29	≤30.00	PASS
	Ant1	5775	73.08	1.36	15.97	≤30.00	19.37	---	PASS
	Ant2	5775	69.23	1.60	15.70	≤30.00	19.40	---	PASS
	total	5775	---	---	18.85	≤30.00	22.40	---	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 ISDE: 5470 - 5600 5650 - 5725
	30 dBm/500 kHz	5725-5850
Note: For 802.11n and 802.11ac, the EUT incorporates a MIMO function. The Antenna directional gain is 3.55 dBi.		

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 Mode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz] or [dBm/500 kHz]	EIRP Result [dBm/MHz]	EIRP Limit [dBm/MHz] or [dBm/500 kHz]	Verdict
11A	Ant1	5180	5.24	≤11.00	8.64	≤10.00	PASS
	Ant2	5180	5.25	≤11.00	8.95	≤10.00	PASS
	Ant1	5200	5.25	≤11.00	8.80	≤10.00	PASS
	Ant2	5200	5.22	≤11.00	8.62	≤10.00	PASS
	Ant1	5240	5.41	≤11.00	9.11	≤10.00	PASS
	Ant2	5240	5.35	≤11.00	8.90	≤10.00	PASS
	Ant1	5260	5.02	≤11.00	8.42	---	PASS
	Ant2	5260	4.90	≤11.00	8.60	---	PASS
	Ant1	5280	5.17	≤11.00	8.72	---	PASS
	Ant2	5280	4.97	≤11.00	8.37	---	PASS
	Ant1	5320	5.15	≤11.00	8.85	---	PASS
	Ant2	5320	4.68	≤11.00	8.23	---	PASS
	Ant1	5500	4.85	≤11.00	8.25	---	PASS
	Ant2	5500	4.89	≤11.00	8.59	---	PASS
	Ant1	5580	5.23	≤11.00	8.78	---	PASS
	Ant2	5580	5.15	≤11.00	8.55	---	PASS
	Ant1	5700	4.90	≤11.00	8.60	---	PASS
	Ant2	5700	4.70	≤11.00	8.25	---	PASS
	Ant1	5745	1.10	≤30.00	4.50	---	PASS
	Ant2	5745	0.77	≤30.00	4.47	---	PASS
	Ant1	5785	1.10	≤30.00	4.65	---	PASS
	Ant2	5785	0.81	≤30.00	4.21	---	PASS
	Ant1	5825	0.67	≤30.00	4.37	---	PASS
	Ant2	5825	0.27	≤30.00	3.82	---	PASS
11N20 MIMO	Ant1	5180	1.00	≤11.00	4.40	10.00	PASS
	Ant2	5180	1.11	≤11.00	4.81	10.00	PASS
	total	5180	4.07	≤11.00	7.62	10.00	PASS
	Ant1	5200	1.15	≤11.00	4.55	10.00	PASS
	Ant2	5200	1.28	≤11.00	4.98	10.00	PASS
	total	5200	4.23	≤11.00	7.78	10.00	PASS

	Ant1	5240	1.18	≤ 11.00	4.58	10.00	PASS
	Ant2	5240	1.21	≤ 11.00	4.91	10.00	PASS
	total	5240	4.21	≤ 11.00	7.76	10.00	PASS
	Ant1	5260	0.92	≤ 11.00	4.32	---	PASS
	Ant2	5260	0.68	≤ 11.00	4.38	---	PASS
	total	5260	3.81	≤ 11.00	7.36	---	PASS
	Ant1	5280	1.12	≤ 11.00	4.52	---	PASS
	Ant2	5280	0.90	≤ 11.00	4.60	---	PASS
	total	5280	4.02	≤ 11.00	7.57	---	PASS
	Ant1	5320	1.14	≤ 11.00	4.54	---	PASS
	Ant2	5320	0.60	≤ 11.00	4.30	---	PASS
	total	5320	3.89	≤ 11.00	7.44	---	PASS
	Ant1	5500	0.65	≤ 11.00	4.05	---	PASS
	Ant2	5500	0.70	≤ 11.00	4.40	---	PASS
	total	5500	3.69	≤ 11.00	7.24	---	PASS
	Ant1	5580	1.09	≤ 11.00	4.49	---	PASS
	Ant2	5580	1.27	≤ 11.00	4.97	---	PASS
	total	5580	4.19	≤ 11.00	7.74	---	PASS
	Ant1	5700	0.79	≤ 11.00	4.19	---	PASS
	Ant2	5700	0.74	≤ 11.00	4.44	---	PASS
	total	5700	3.78	≤ 11.00	7.33	---	PASS
	Ant1	5745	1.10	≤ 30.00	4.50	---	PASS
	Ant2	5745	0.67	≤ 30.00	4.37	---	PASS
	total	5745	3.90	≤ 30.00	7.45	---	PASS
	Ant1	5785	1.10	≤ 30.00	4.50	---	PASS
	Ant2	5785	0.82	≤ 30.00	4.52	---	PASS
	total	5785	3.97	≤ 30.00	7.52	---	PASS
	Ant1	5825	0.61	≤ 30.00	4.01	---	PASS
	Ant2	5825	0.34	≤ 30.00	4.04	---	PASS
	total	5825	3.49	≤ 30.00	7.04	---	PASS
11N40 MIMO	Ant1	5190	-1.55	≤ 11.00	1.85	10.00	PASS
	Ant2	5190	-1.57	≤ 11.00	2.13	10.00	PASS
	total	5190	1.45	≤ 11.00	5.00	10.00	PASS
	Ant1	5230	-1.62	≤ 11.00	1.78	10.00	PASS

	Ant2	5230	-1.70	≤ 11.00	2.00	10.00	PASS
	total	5230	1.35	≤ 11.00	4.90	10.00	PASS
	Ant1	5270	-1.61	≤ 11.00	1.79	---	PASS
	Ant2	5270	-1.85	≤ 11.00	1.85	---	PASS
	total	5270	1.28	≤ 11.00	4.83	---	PASS
	Ant1	5310	-1.86	≤ 11.00	1.54	---	PASS
	Ant2	5310	-1.96	≤ 11.00	1.74	---	PASS
	total	5310	1.10	≤ 11.00	4.65	---	PASS
	Ant1	5510	-1.85	≤ 11.00	1.55	---	PASS
	Ant2	5510	-2.00	≤ 11.00	1.70	---	PASS
	total	5510	1.09	≤ 11.00	4.64	---	PASS
	Ant1	5550	-1.64	≤ 11.00	1.76	---	PASS
	Ant2	5550	-1.17	≤ 11.00	2.53	---	PASS
	total	5550	1.61	≤ 11.00	5.16	---	PASS
	Ant1	5670	-1.52	≤ 11.00	1.88	---	PASS
	Ant2	5670	-1.87	≤ 11.00	1.83	---	PASS
	total	5670	1.32	≤ 11.00	4.87	---	PASS
	Ant1	5755	-1.74	≤ 30.00	1.66	---	PASS
	Ant2	5755	-2.29	≤ 30.00	1.41	---	PASS
	total	5755	1.00	≤ 30.00	4.55	---	PASS
	Ant1	5795	-1.53	≤ 30.00	1.87	---	PASS
	Ant2	5795	-2.22	≤ 30.00	1.48	---	PASS
	total	5795	1.15	≤ 30.00	4.70	---	PASS
11AC20 MIMO	Ant1	5180	0.99	≤ 11.00	4.39	10.00	PASS
	Ant2	5180	1.31	≤ 11.00	5.01	10.00	PASS
	total	5180	4.16	≤ 11.00	7.71	10.00	PASS
	Ant1	5200	1.07	≤ 11.00	4.47	10.00	PASS
	Ant2	5200	1.28	≤ 11.00	4.98	10.00	PASS
	total	5200	4.19	≤ 11.00	7.74	10.00	PASS
	Ant1	5240	1.14	≤ 11.00	4.54	10.00	PASS
	Ant2	5240	1.34	≤ 11.00	5.04	10.00	PASS
	total	5240	4.25	≤ 11.00	7.80	10.00	PASS
	Ant1	5260	0.79	≤ 11.00	4.19	---	PASS
	Ant2	5260	0.79	≤ 11.00	4.49	---	PASS

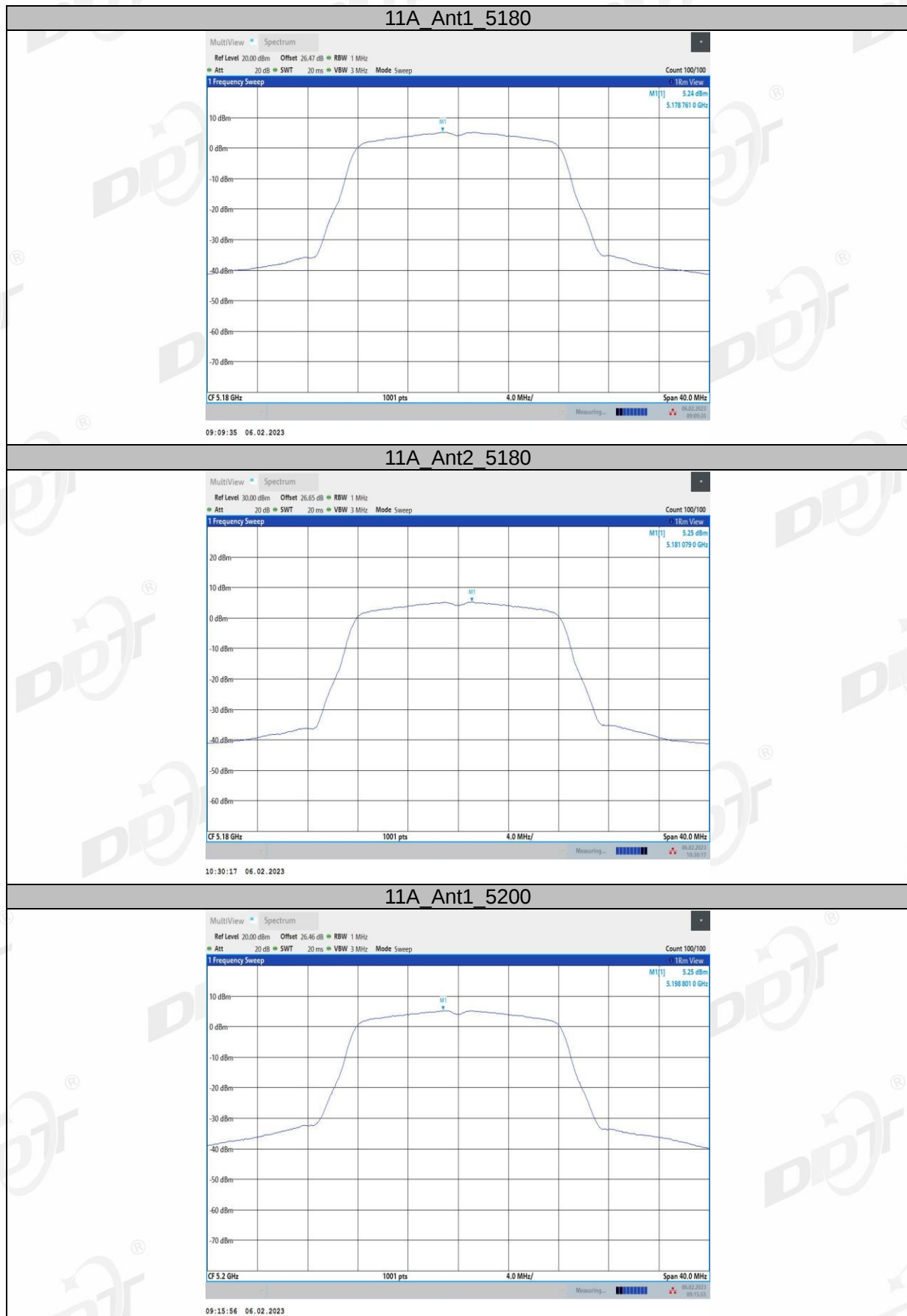
	total	5260	3.80	≤ 11.00	7.35	---	PASS
	Ant1	5280	1.15	≤ 11.00	4.55	---	PASS
	Ant2	5280	1.16	≤ 11.00	4.86	---	PASS
	total	5280	4.17	≤ 11.00	7.72	---	PASS
	Ant1	5320	1.16	≤ 11.00	4.56	---	PASS
	Ant2	5320	0.76	≤ 11.00	4.46	---	PASS
	total	5320	3.97	≤ 11.00	7.52	---	PASS
	Ant1	5500	0.69	≤ 11.00	4.09	---	PASS
	Ant2	5500	0.89	≤ 11.00	4.59	---	PASS
	total	5500	3.80	≤ 11.00	7.35	---	PASS
	Ant1	5580	1.03	≤ 11.00	4.43	---	PASS
	Ant2	5580	1.45	≤ 11.00	5.15	---	PASS
	total	5580	4.26	≤ 11.00	7.81	---	PASS
	Ant1	5700	0.96	≤ 11.00	4.36	---	PASS
	Ant2	5700	0.89	≤ 11.00	4.59	---	PASS
	total	5700	3.94	≤ 11.00	7.49	---	PASS
	Ant1	5745	1.28	≤ 30.00	4.68	---	PASS
	Ant2	5745	1.00	≤ 30.00	4.70	---	PASS
	total	5745	4.15	≤ 30.00	7.70	---	PASS
	Ant1	5785	1.36	≤ 30.00	4.76	---	PASS
	Ant2	5785	1.00	≤ 30.00	4.70	---	PASS
	total	5785	4.19	≤ 30.00	7.74	---	PASS
	Ant1	5825	0.94	≤ 30.00	4.34	---	PASS
	Ant2	5825	0.64	≤ 30.00	4.34	---	PASS
	total	5825	3.80	≤ 30.00	7.35	---	PASS
11AC40 MIMO	Ant1	5190	-1.15	≤ 11.00	2.25	10.00	PASS
	Ant2	5190	-1.01	≤ 11.00	2.69	10.00	PASS
	total	5190	1.93	≤ 11.00	5.48	10.00	PASS
	Ant1	5230	-1.26	≤ 11.00	2.14	10.00	PASS
	Ant2	5230	-1.41	≤ 11.00	2.29	10.00	PASS
	total	5230	1.68	≤ 11.00	5.23	10.00	PASS
	Ant1	5270	-1.41	≤ 11.00	1.99	---	PASS
	Ant2	5270	-1.38	≤ 11.00	2.32	---	PASS
	total	5270	1.62	≤ 11.00	5.17	---	PASS

11AC80 MIMO	Ant1	5310	-1.28	≤ 11.00	2.12	---	PASS
	Ant2	5310	-1.75	≤ 11.00	1.95	---	PASS
	total	5310	1.50	≤ 11.00	5.05	---	PASS
	Ant1	5510	-1.46	≤ 11.00	1.94	---	PASS
	Ant2	5510	-1.42	≤ 11.00	2.28	---	PASS
	total	5510	1.57	≤ 11.00	5.12	---	PASS
	Ant1	5550	-1.01	≤ 11.00	2.39	---	PASS
	Ant2	5550	-1.12	≤ 11.00	2.58	---	PASS
	total	5550	1.95	≤ 11.00	5.50	---	PASS
	Ant1	5670	-1.34	≤ 11.00	2.06	---	PASS
	Ant2	5670	-1.54	≤ 11.00	2.16	---	PASS
	total	5670	1.57	≤ 11.00	5.12	---	PASS
	Ant1	5755	-1.43	≤ 30.00	1.97	---	PASS
	Ant2	5755	-1.99	≤ 30.00	1.71	---	PASS
	total	5755	1.31	≤ 30.00	4.86	---	PASS
	Ant1	5795	-1.43	≤ 30.00	1.97	---	PASS
	Ant2	5795	-1.81	≤ 30.00	1.89	---	PASS
	total	5795	1.39	≤ 30.00	4.94	---	PASS
	Ant1	5210	-4.38	≤ 11.00	-0.98	10.00	PASS
	Ant2	5210	-4.44	≤ 11.00	-0.74	10.00	PASS
	total	5210	-1.40	≤ 11.00	2.15	10.00	PASS
	Ant1	5290	-4.57	≤ 11.00	-1.17	---	PASS
	Ant2	5290	-4.66	≤ 11.00	-0.96	---	PASS
	total	5290	-1.60	≤ 11.00	1.95	---	PASS
	Ant1	5530	-4.23	≤ 11.00	-0.83	---	PASS
	Ant2	5530	-4.47	≤ 11.00	-0.77	---	PASS
	total	5530	-1.34	≤ 11.00	2.21	---	PASS
	Ant1	5610	-4.41	≤ 11.00	-1.01	---	PASS
	Ant2	5610	-3.64	≤ 11.00	0.06	---	PASS
	total	5610	-1.00	≤ 11.00	2.55	---	PASS
	Ant1	5775	-5.08	≤ 30.00	-1.68	---	PASS
	Ant2	5775	-5.13	≤ 30.00	-1.43	---	PASS
	total	5775	-2.09	≤ 30.00	1.46	---	PASS

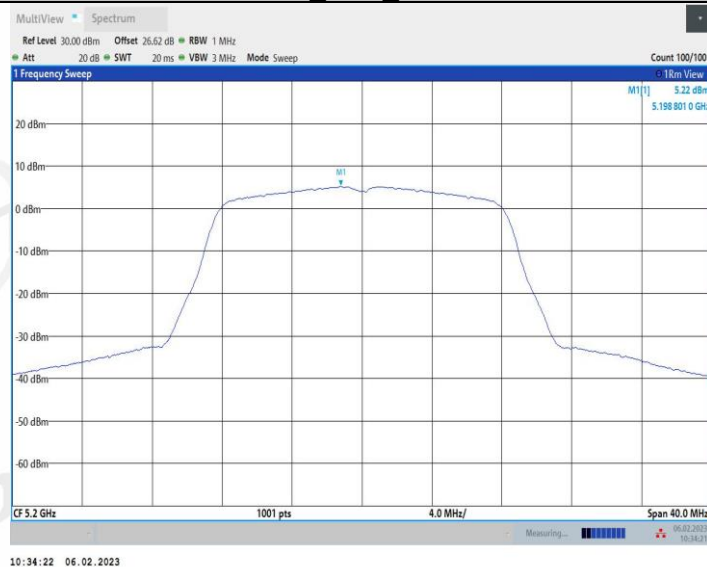
Note: 1. The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

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

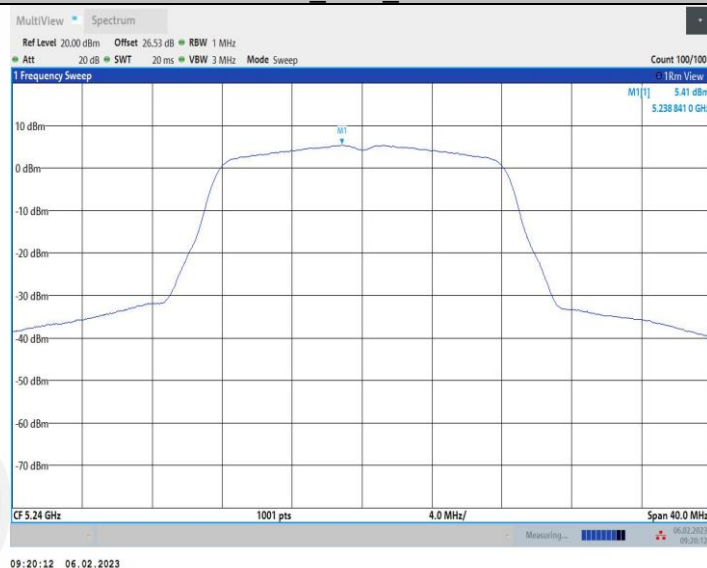
9.5. Test graphs



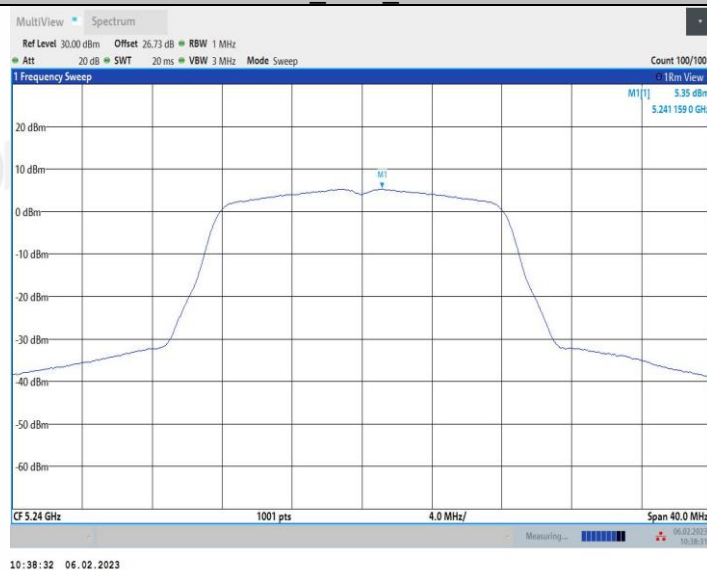
11A_Ant2_5200



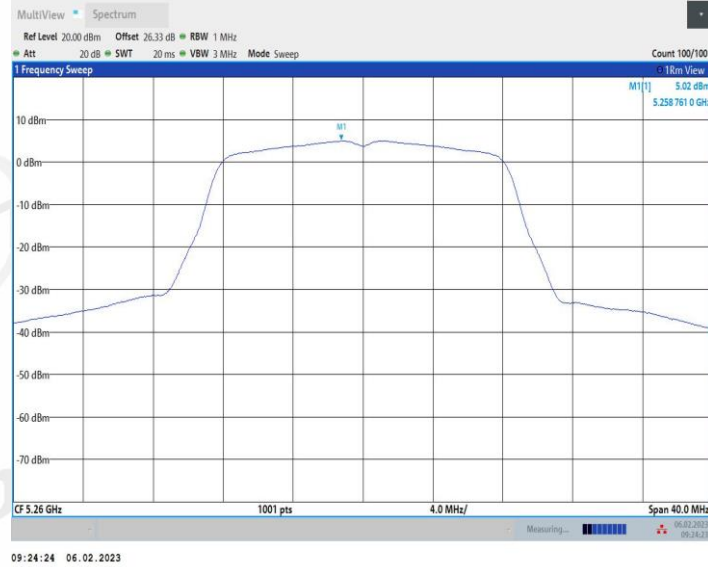
11A_Ant1_5240



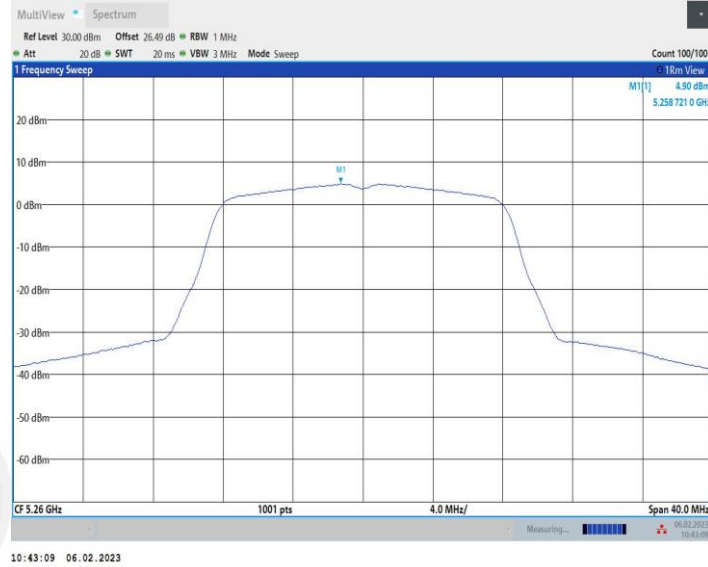
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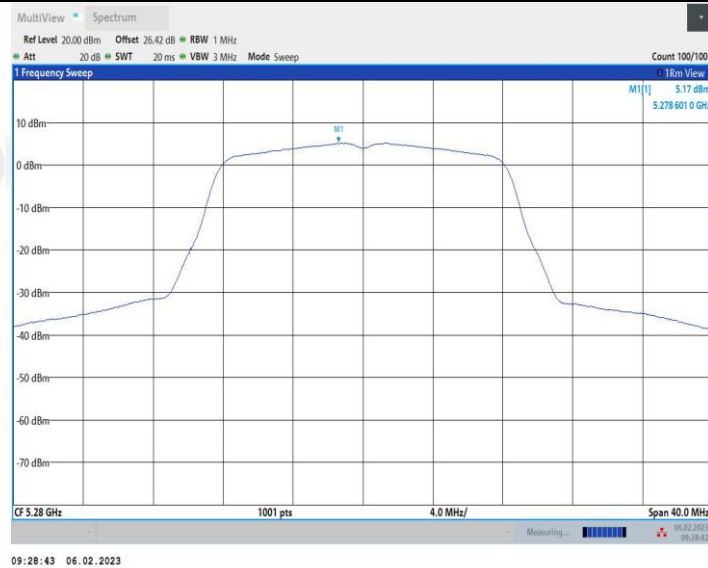
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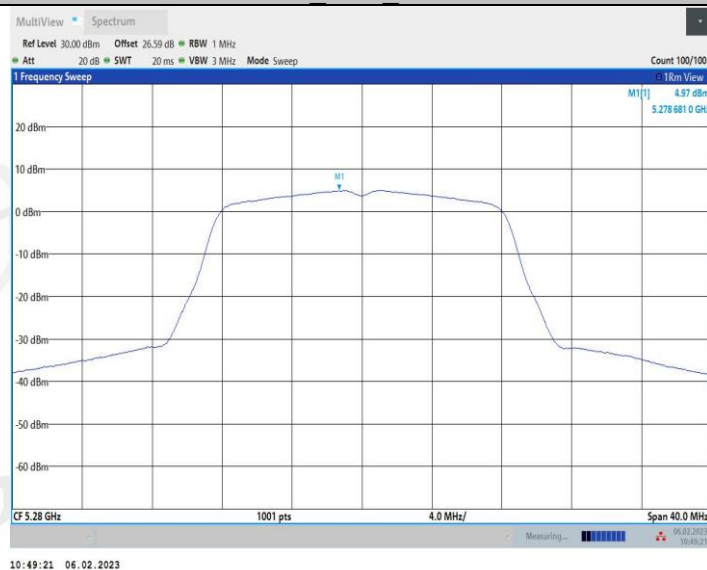
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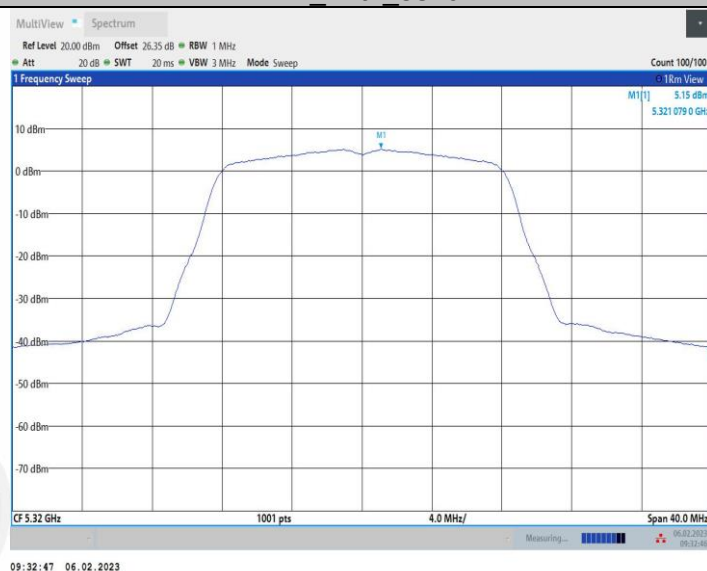
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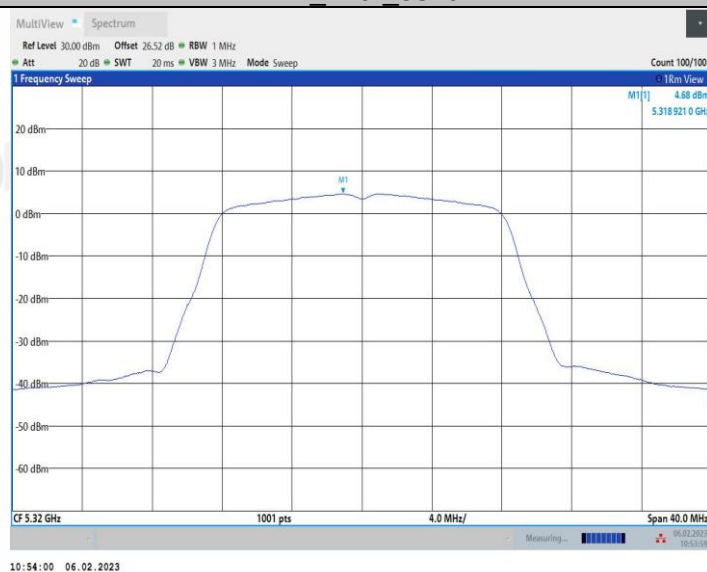
11A_Ant2_5280



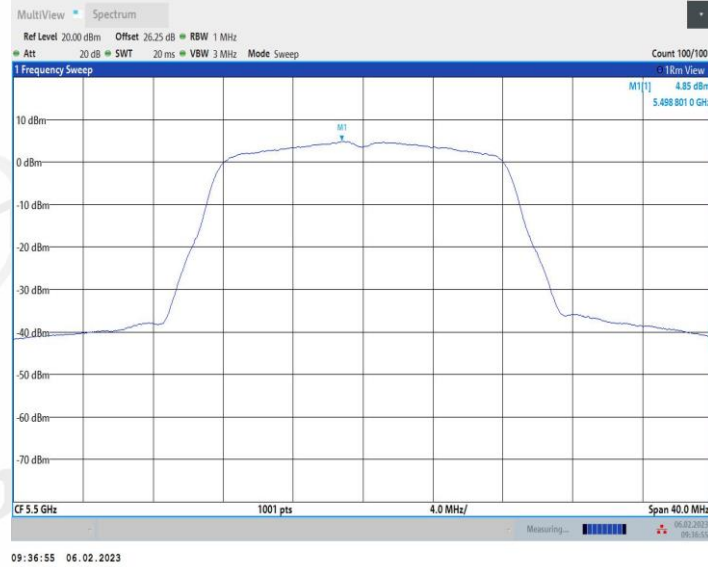
11A_Ant1_5320



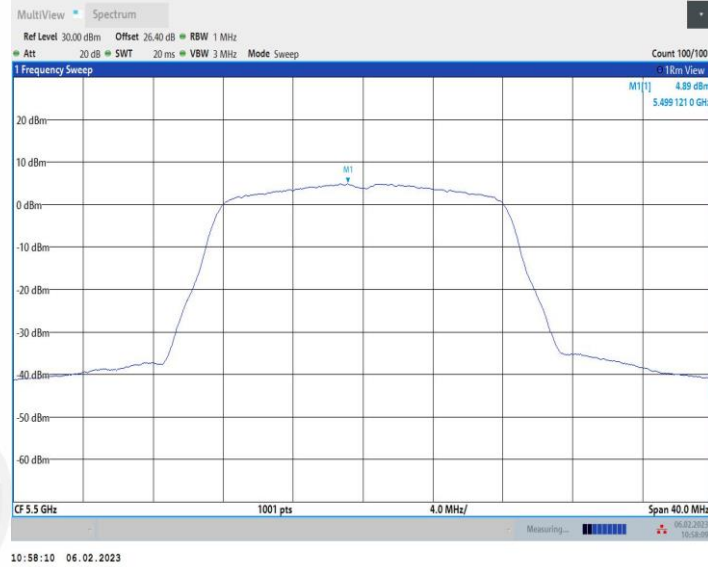
11A_Ant2_5320



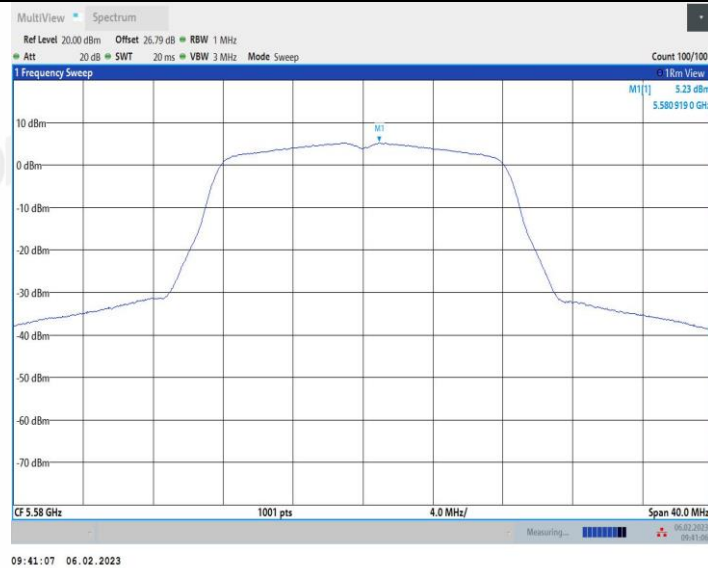
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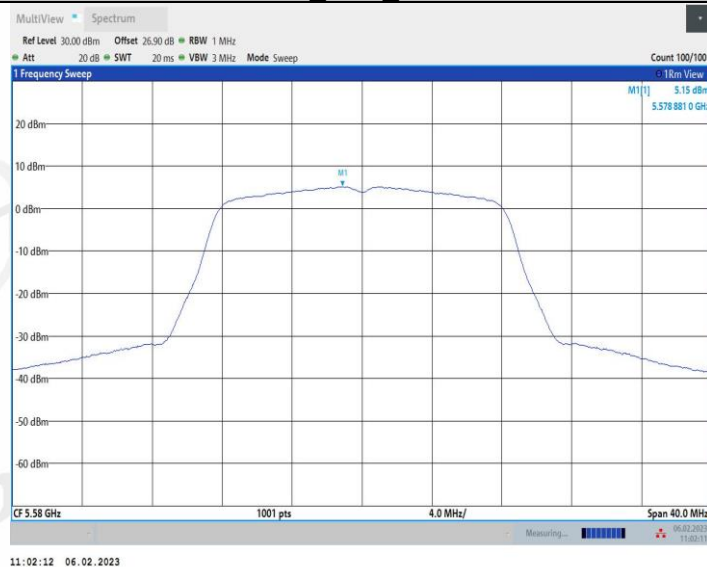
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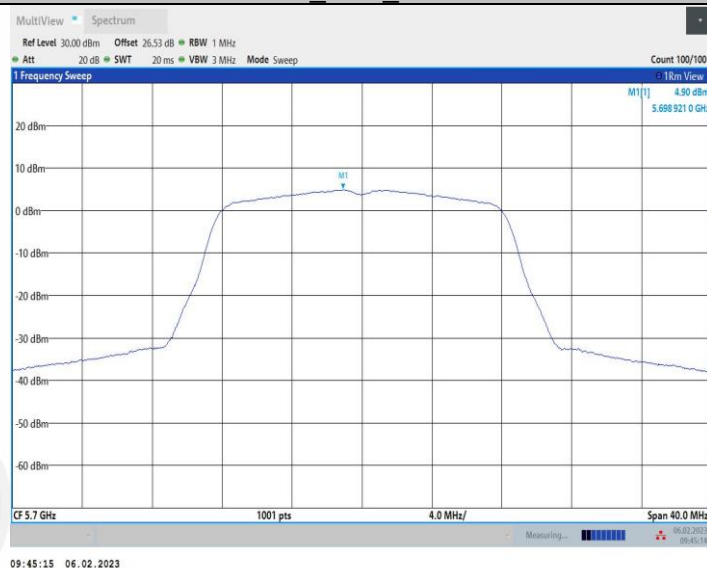
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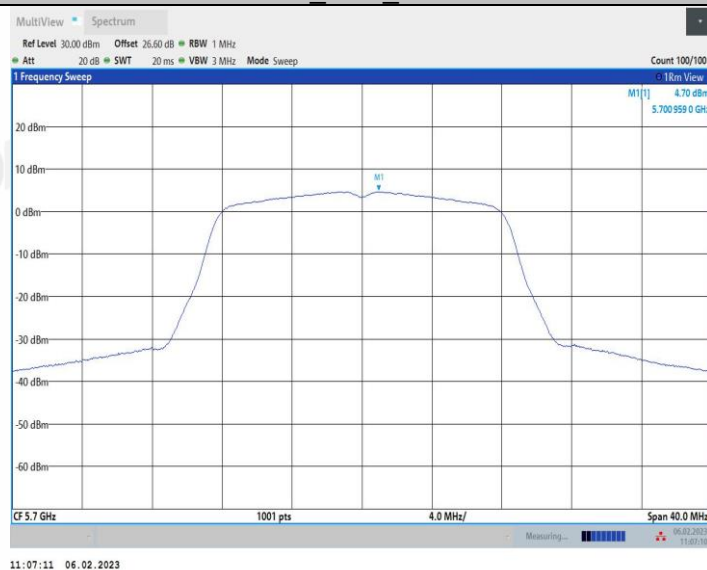
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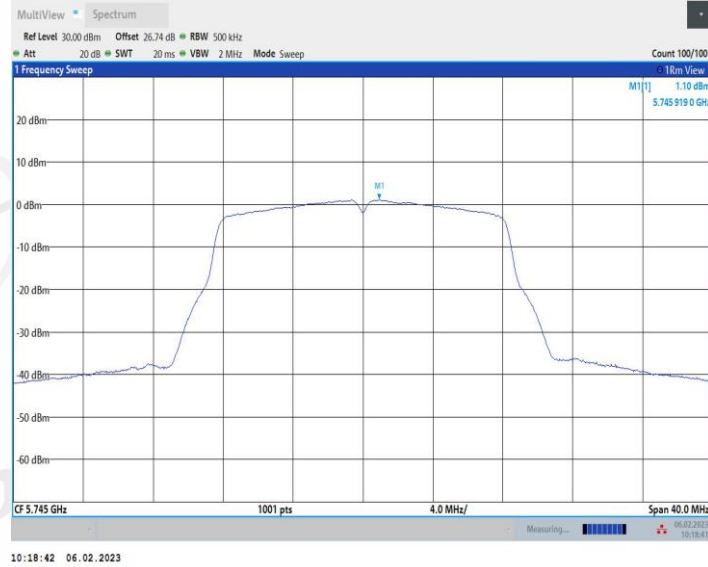
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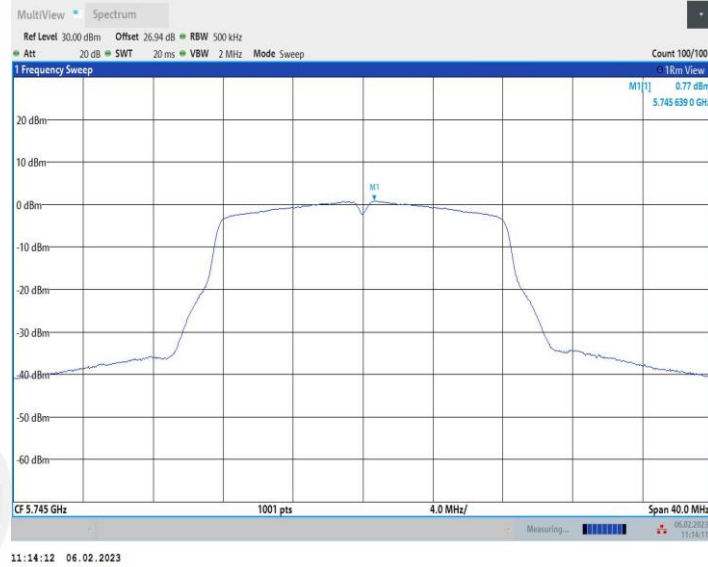
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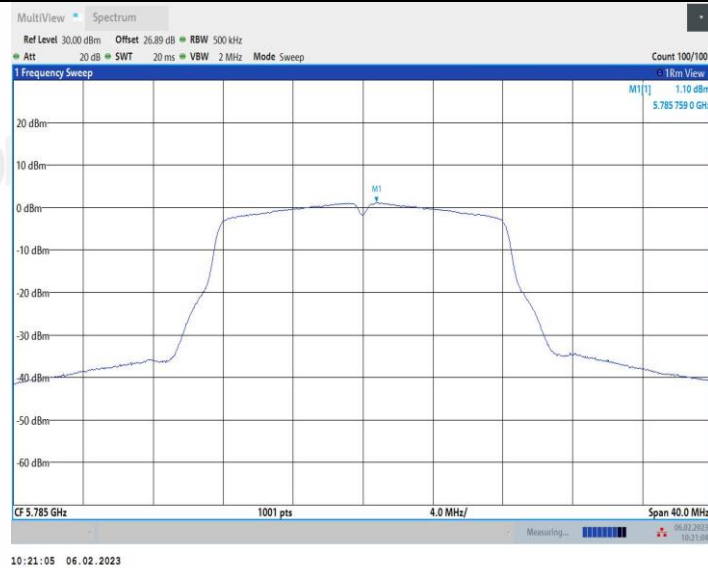
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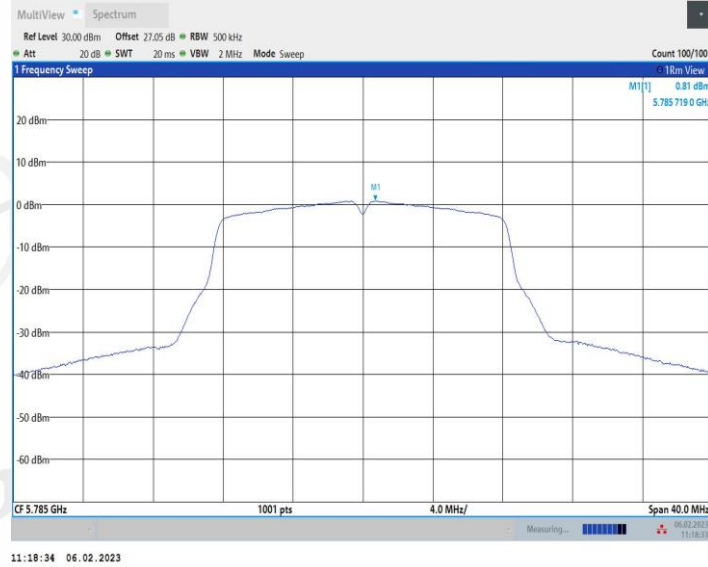
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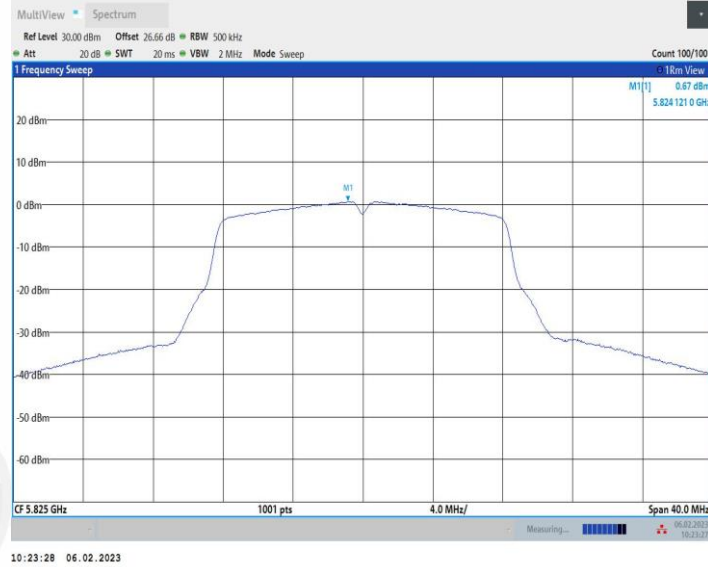
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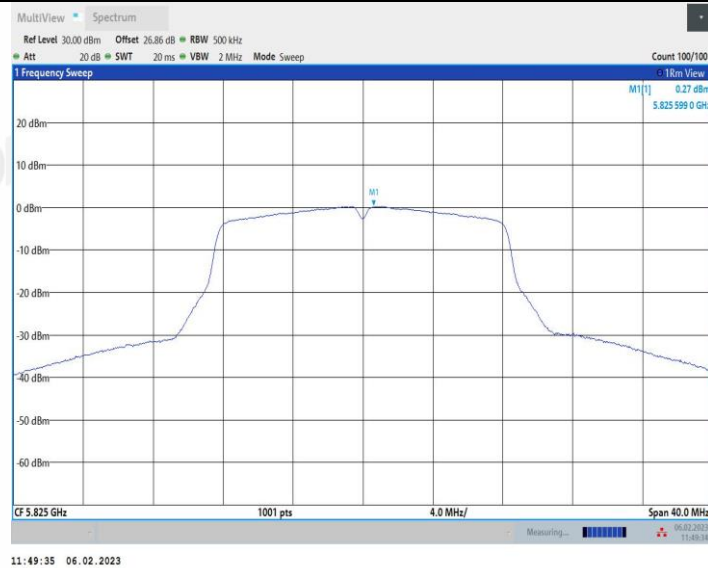
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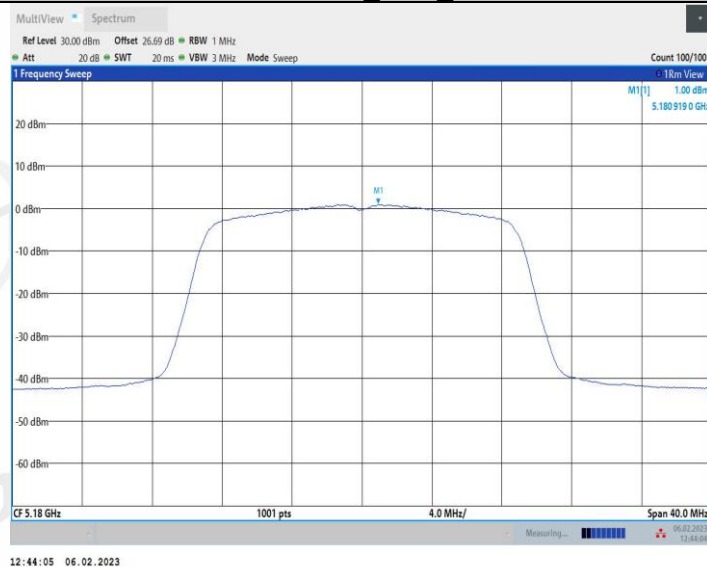
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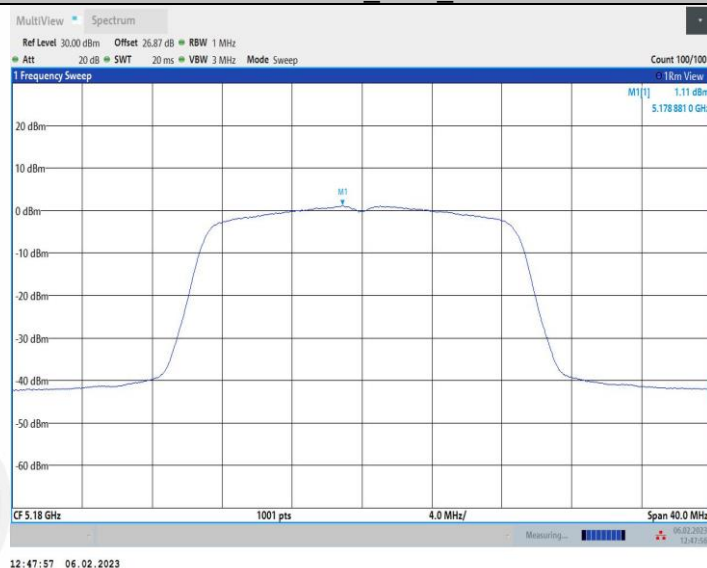
11A_Ant2_5825



11N20MIMO_Ant1_5180



11N20MIMO_Ant2_5180



11N20MIMO_Ant1_5200

