



11N40MIMO_Ant3_2437_1000~26500



11N40MIMO_Ant1_2452_0~Reference



11N40MIMO_Ant1_2452_30~1000



11N40MIMO_Ant1_2452_1000~26500



11N40MIMO_Ant2_2452_0~Reference



11N40MIMO_Ant2_2452_30~1000



11N40MIMO_Ant2_2452_1000~26500



11N40MIMO_Ant3_2452_0~Reference



11N40MIMO_Ant3_2452_30~1000



11N40MIMO_Ant3_2452_1000~26500



11AX20MIMO_Ant1_2412_0-Reference



11AX20MIMO_Ant1_2412_30~1000



11AX20MIMO_Ant1_2412_1000~26500



11AX20MIMO_Ant2_2412_0-Reference



11AX20MIMO_Ant2_2412_30~1000



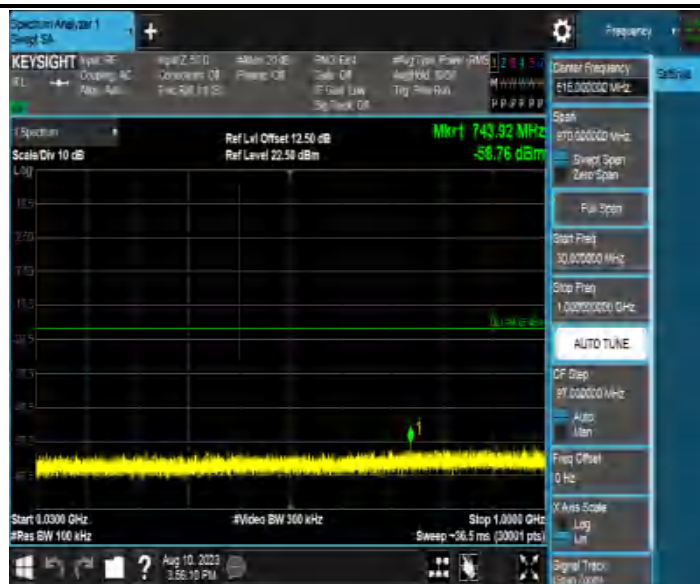
11AX20MIMO_Ant2_2412_1000~26500



11AX20MIMO_Ant3_2412_0-Reference



11AX20MIMO_Ant3_2412_30-1000



11AX20MIMO_Ant3_2412_1000~26500



11AX20MIMO_Ant1_2437_0~Reference



11AX20MIMO_Ant1_2437_30~1000



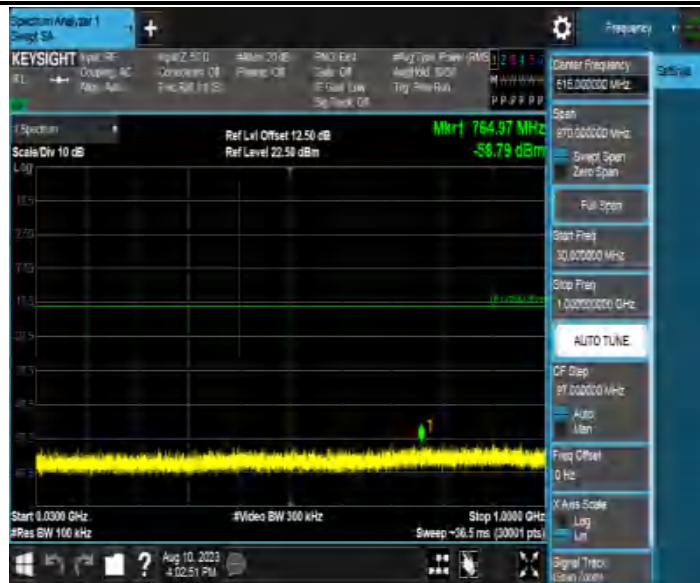
11AX20MIMO_Ant1_2437_1000~26500



11AX20MIMO_Ant2_2437_0-Reference



11AX20MIMO_Ant2_2437_30~1000



11AX20MIMO_Ant2_2437_1000~26500



11AX20MIMO_Ant3_2437_0~Reference



11AX20MIMO_Ant3_2437_30~1000



11AX20MIMO_Ant3_2437_1000~26500



11AX20MIMO_Ant1_2462_0-Reference



11AX20MIMO_Ant1_2462_30-1000



11AX20MIMO_Ant1_2462_1000~26500



11AX20MIMO_Ant2_2462_0~Reference



11AX20MIMO_Ant2_2462_30~1000



11AX20MIMO_Ant2_2462_1000~26500



11AX20MIMO_Ant3_2462_0-Reference



11AX20MIMO_Ant3_2462_30~1000



11AX20MIMO_Ant3_2462_1000~26500



11AX40MIMO_Ant1_2422_0~Reference



11AX40MIMO_Ant1_2422_30~1000



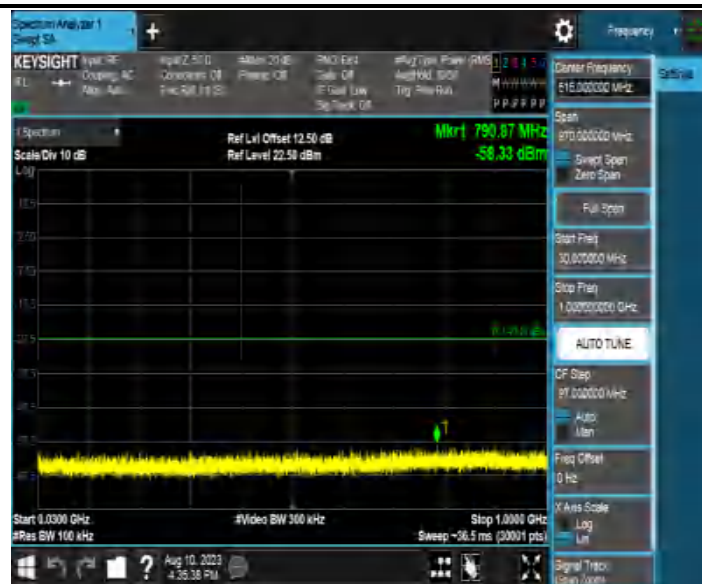
11AX40MIMO_Ant1_2422_1000~26500



11AX40MIMO_Ant2_2422_0-Reference



11AX40MIMO_Ant2_2422_30~1000



11AX40MIMO_Ant2_2422_1000~26500



11AX40MIMO_Ant3_2422_0~Reference



11AX40MIMO_Ant3_2422_30~1000



11AX40MIMO_Ant3_2422_1000~26500



11AX40MIMO_Ant1_2437_0-Reference



11AX40MIMO_Ant1_2437_30-1000



11AX40MIMO_Ant1_2437_1000~26500



11AX40MIMO_Ant2_2437_0~Reference



11AX40MIMO_Ant2_2437_30~1000



11AX40MIMO_Ant2_2437_1000~26500



11AX40MIMO_Ant3_2437_0-Reference



11AX40MIMO_Ant3_2437_30-1000



11AX40MIMO_Ant3_2437_1000~26500



11AX40MIMO_Ant1_2452_0~Reference



11AX40MIMO_Ant1_2452_30~1000



11AX40MIMO_Ant1_2452_1000~26500



11AX40MIMO_Ant2_2452_0-Reference



11AX40MIMO_Ant2_2452_30~1000



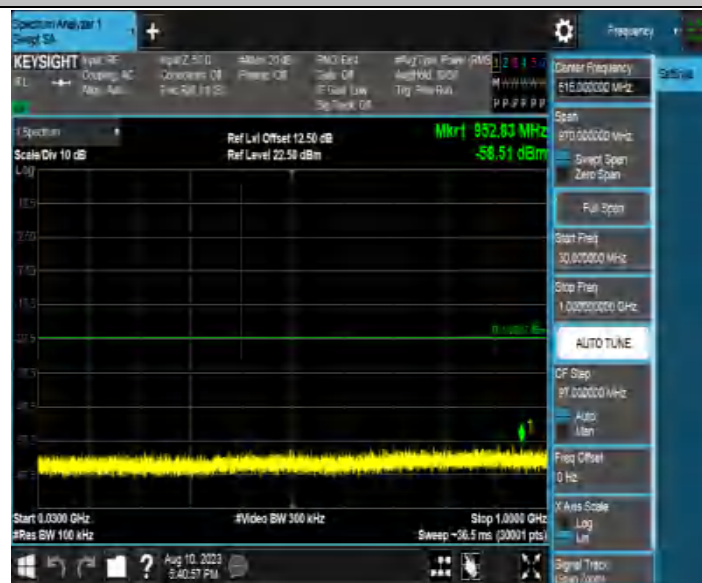
11AX40MIMO_Ant2_2452_1000~26500



11AX40MIMO_Ant3_2452_0~Reference



11AX40MIMO_Ant3_2452_30~1000



11AX40MIMO_Ant3_2452_1000~26500



3.4 6dB Bandwidth and 99% Occupied Bandwidth

3.4.1 Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

3.4.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ☒ : Test ☐ : No Test	

a) The EUT was connected to the tonscond test system, and the spectrum analyser is set as follow:

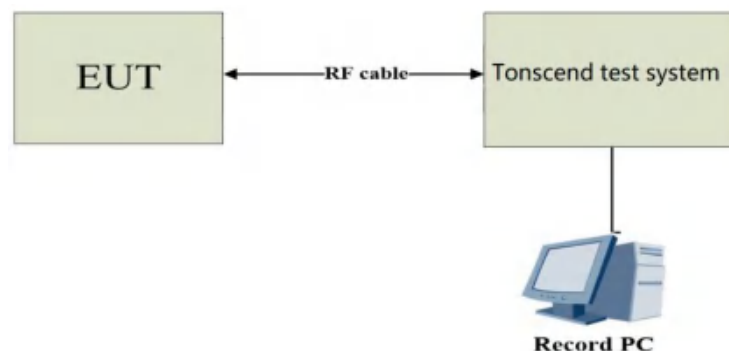
Centre Frequency	The centre frequency of the channel under test
RBW	For 6dB Bandwidth :100K For 99% Occupied Bandwidth :1% to 5% of the occupied bandwidth
VBW	For 6dB Bandwidth : $\geq 3 \times \text{RBW}$ For 99% Occupied Bandwidth : approximately $3 \times \text{RBW}$
Frequency span	2x Nominal Channel Bandwidth
Detector Mode	Peak
Trace Mode	Max Hold
Sweep Time	Auto Couple

b) Wait for the trace to stabilize then find the peak value of the trace and place the analyser marker on this peak.

c) Use the -6dB bandwidth function of the spectrum analyser to measure the 6dB Bandwidth of the EUT. This value shall be recorded.

d) Make sure that the power envelope is sufficiently above the noise floor of the analyser to avoid the noise signals left and right from the power envelope being taken into account by this measurement.

3.4.3 Test Setup



3.4.4 Test Result

DTS Bandwidth

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	6.600	2408.920	2415.520	0.5	PASS
	Ant2	2412	7.080	2408.440	2415.520	0.5	PASS
	Ant3	2412	7.080	2408.440	2415.520	0.5	PASS
	Ant1	2437	6.120	2433.920	2440.040	0.5	PASS
	Ant2	2437	6.040	2433.960	2440.000	0.5	PASS
	Ant3	2437	5.880	2433.920	2439.800	0.5	PASS
	Ant1	2462	7.480	2457.960	2465.440	0.5	PASS
	Ant2	2462	7.040	2458.440	2465.480	0.5	PASS
	Ant3	2462	6.520	2458.960	2465.480	0.5	PASS
11G-CDD	Ant1	2412	16.320	2403.800	2420.120	0.5	PASS
	Ant2	2412	16.360	2403.800	2420.160	0.5	PASS
	Ant3	2412	16.320	2403.800	2420.120	0.5	PASS
	Ant1	2437	16.320	2428.800	2445.120	0.5	PASS
	Ant2	2437	16.320	2428.800	2445.120	0.5	PASS
	Ant3	2437	16.360	2428.800	2445.160	0.5	PASS
	Ant1	2462	16.320	2453.800	2470.120	0.5	PASS
	Ant2	2462	16.320	2453.800	2470.120	0.5	PASS
	Ant3	2462	16.320	2453.800	2470.120	0.5	PASS
11N20MIMO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
	Ant2	2412	17.600	2403.160	2420.760	0.5	PASS
	Ant3	2412	17.600	2403.160	2420.760	0.5	PASS
	Ant1	2437	17.520	2428.200	2445.720	0.5	PASS
	Ant2	2437	17.600	2428.160	2445.760	0.5	PASS
	Ant3	2437	17.560	2428.200	2445.760	0.5	PASS
	Ant1	2462	17.560	2453.200	2470.760	0.5	PASS
	Ant2	2462	17.600	2453.160	2470.760	0.5	PASS
	Ant3	2462	17.600	2453.160	2470.760	0.5	PASS
11N40MIMO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
	Ant2	2422	36.320	2403.840	2440.160	0.5	PASS
	Ant3	2422	36.320	2403.840	2440.160	0.5	PASS
	Ant1	2437	36.080	2419.080	2455.160	0.5	PASS
	Ant2	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant3	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant1	2452	36.000	2434.080	2470.080	0.5	PASS
	Ant2	2452	36.320	2433.840	2470.160	0.5	PASS
	Ant3	2452	36.320	2433.840	2470.160	0.5	PASS

11AX20MIMO	Ant1	2412	18.920	2402.480	2421.400	0.5	PASS
	Ant2	2412	18.880	2402.520	2421.400	0.5	PASS
	Ant3	2412	18.920	2402.520	2421.440	0.5	PASS
	Ant1	2437	18.800	2427.640	2446.440	0.5	PASS
	Ant2	2437	18.920	2427.520	2446.440	0.5	PASS
	Ant3	2437	18.080	2428.320	2446.400	0.5	PASS
	Ant1	2462	18.960	2452.480	2471.440	0.5	PASS
	Ant2	2462	18.840	2452.560	2471.400	0.5	PASS
	Ant3	2462	18.760	2452.640	2471.400	0.5	PASS
11AX40MIMO	Ant1	2422	37.360	2403.120	2440.480	0.5	PASS
	Ant2	2422	36.800	2403.680	2440.480	0.5	PASS
	Ant3	2422	36.800	2403.200	2440.000	0.5	PASS
	Ant1	2437	37.120	2418.600	2455.720	0.5	PASS
	Ant2	2437	36.480	2418.920	2455.400	0.5	PASS
	Ant3	2437	37.280	2418.440	2455.720	0.5	PASS
	Ant1	2452	37.520	2433.200	2470.720	0.5	PASS
	Ant2	2452	36.480	2433.680	2470.160	0.5	PASS
	Ant3	2452	36.960	2433.760	2470.720	0.5	PASS

11B-CDD_Ant1_2412



11B-CDD_Ant2_2412



11B-CDD_Ant3_2412



11B-CDD_Ant1_2437



11B-CDD_Ant2_2437



11B-CDD_Ant3_2437



11B-CDD_Ant1_2462



11B-CDD_Ant2_2462



11B-CDD_Ant3_2462



11G-CDD_Ant1_2412



11G-CDD_Ant2_2412



11G-CDD_Ant3_2412



11G-CDD_Ant1_2437



11G-CDD_Ant2_2437



11G-CDD_Ant3_2437



11G-CDD_Ant1_2462



11G-CDD_Ant2_2462



11G-CDD_Ant3_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO_Ant3_2412



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



11N20MIMO_Ant3_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N20MIMO_Ant3_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422

The screenshot shows a Keysight Spectrum Analyzer interface. The main display area shows a signal spectrum with a peak at 2.4205 GHz. The peak is labeled with a magnitude of -1.728 dBm. The display includes various measurement parameters and a table of detected signals.

Measurement Parameters:

- Center Frequency: 2.42020000 GHz
- Span: 80.00000000 MHz
- Res BW: 100 kHz
- #Video BW: 300 kHz
- Span: 90.00 MHz
- Sweep: 3.00 ms (1001 pts)

Table of Detected Signals:

M	N	Scale	F	F ₀	Function	Function Width	Function Value
1	N	1	1	2.403 64 GHz	-1.728 dBm		
2	N	1	1	2.425 68 GHz	3.559 dBm		
3	N	1	1	2.425 68 GHz	3.559 dBm		

Report No.: RF230727009-01-003



11N40MIMO_Ant2_2437



11N40MIMO_Ant3_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



11N40MIMO_Ant3_2452



11AX20MIMO_Ant1_2412



11AX20MIMO_Ant2_2412



11AX20MIMO_Ant3_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant3_2437



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



11AX20MIMO_Ant3_2462



11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant3_2422



11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant3_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



11AX40MIMO_Ant3_2452

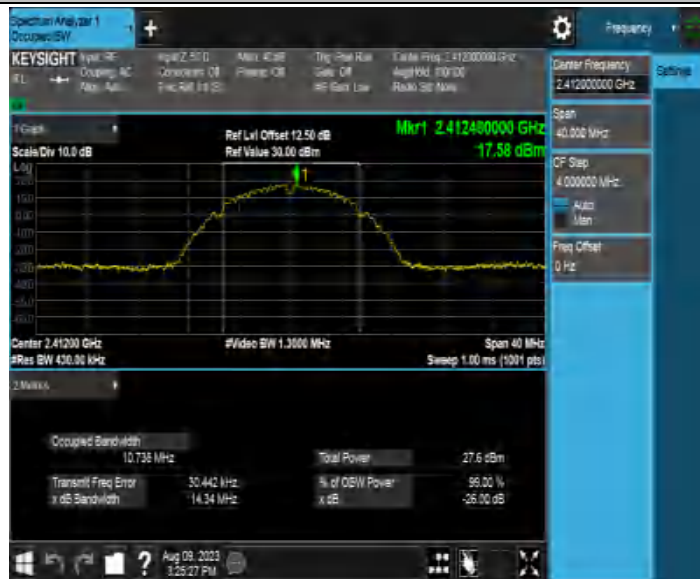


Occupied Channel Bandwidth

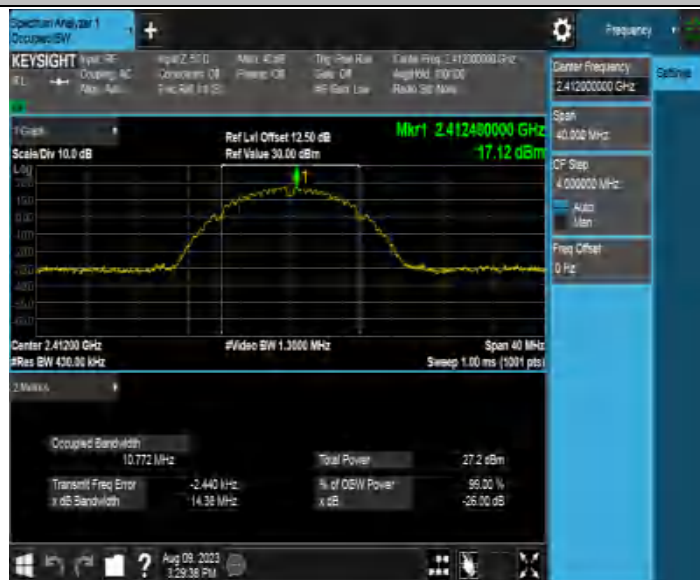
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-CDD	Ant1	2412	10.738	2406.6614	2417.3994	---	---
	Ant2	2412	10.772	2406.6116	2417.3836	---	---
	Ant3	2412	10.727	2406.6216	2417.3486	---	---
	Ant1	2437	10.788	2431.6379	2442.4259	---	---
	Ant2	2437	10.830	2431.6005	2442.4305	---	---
	Ant3	2437	10.818	2431.6170	2442.4350	---	---
	Ant1	2462	10.808	2456.6007	2467.4087	---	---
	Ant2	2462	10.809	2456.5942	2467.4032	---	---
	Ant3	2462	10.900	2456.5497	2467.4497	---	---
11G-CDD	Ant1	2412	17.233	2403.3960	2420.6290	---	---
	Ant2	2412	17.181	2403.3977	2420.5787	---	---
	Ant3	2412	17.139	2403.4214	2420.5604	---	---
	Ant1	2437	17.478	2428.3501	2445.8281	---	---
	Ant2	2437	17.437	2428.2851	2445.7221	---	---
	Ant3	2437	17.218	2428.3695	2445.5875	---	---
	Ant1	2462	17.278	2453.3785	2470.6565	---	---
	Ant2	2462	17.053	2453.4420	2470.4950	---	---
	Ant3	2462	17.163	2453.4024	2470.5654	---	---
11N20MIMO	Ant1	2412	18.317	2402.7897	2421.1067	---	---
	Ant2	2412	17.968	2402.9917	2420.9597	---	---
	Ant3	2412	18.055	2402.9237	2420.9787	---	---
	Ant1	2437	18.542	2427.7267	2446.2687	---	---
	Ant2	2437	18.166	2427.9025	2446.0685	---	---
	Ant3	2437	18.091	2427.9269	2446.0179	---	---
	Ant1	2462	18.284	2452.8234	2471.1074	---	---
	Ant2	2462	18.061	2452.9395	2471.0005	---	---
	Ant3	2462	18.014	2452.9563	2470.9703	---	---
11N40MIMO	Ant1	2422	36.466	2403.7651	2440.2311	---	---
	Ant2	2422	36.494	2403.7752	2440.2692	---	---
	Ant3	2422	36.379	2403.7656	2440.1446	---	---
	Ant1	2437	36.435	2418.8518	2455.2868	---	---
	Ant2	2437	36.417	2418.7953	2455.2123	---	---
	Ant3	2437	36.395	2418.8050	2455.2000	---	---
	Ant1	2452	36.326	2433.8244	2470.1504	---	---
	Ant2	2452	36.346	2433.7565	2470.1025	---	---
	Ant3	2452	36.418	2433.7608	2470.1788	---	---

11AX20MIMO	Ant1	2412	19.148	2402.3945	2421.5425	---	---
	Ant2	2412	19.148	2402.3987	2421.5467	---	---
	Ant3	2412	19.153	2402.4303	2421.5833	---	---
	Ant1	2437	19.297	2427.3427	2446.6397	---	---
	Ant2	2437	19.227	2427.3911	2446.6181	---	---
	Ant3	2437	19.273	2427.3810	2446.6540	---	---
	Ant1	2462	19.147	2452.3893	2471.5363	---	---
	Ant2	2462	19.098	2452.4252	2471.5232	---	---
	Ant3	2462	19.166	2452.4039	2471.5699	---	---
11AX40MIMO	Ant1	2422	37.624	2403.2027	2440.8267	---	---
	Ant2	2422	37.608	2403.1339	2440.7419	---	---
	Ant3	2422	37.632	2403.1684	2440.8004	---	---
	Ant1	2437	37.646	2418.1816	2455.8276	---	---
	Ant2	2437	37.558	2418.2280	2455.7860	---	---
	Ant3	2437	37.595	2418.1936	2455.7886	---	---
	Ant1	2452	37.588	2433.1919	2470.7799	---	---
	Ant2	2452	37.573	2433.1906	2470.7636	---	---
	Ant3	2452	37.601	2433.1807	2470.7817	---	---

11B-CDD_Ant1_2412



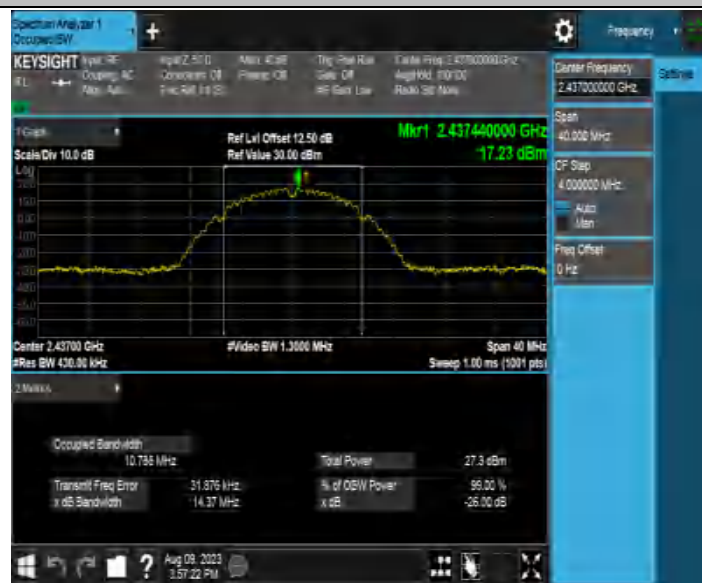
11B-CDD_Ant2_2412



11B-CDD_Ant3_2412



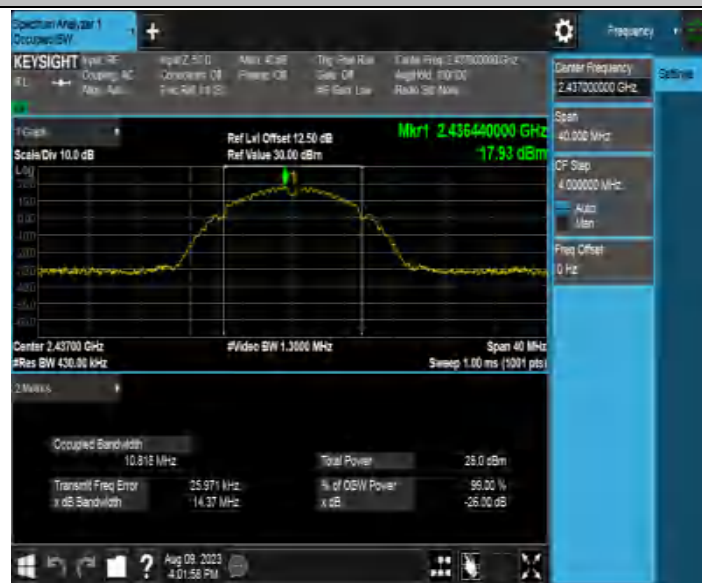
11B-CDD_Ant1_2437



11B-CDD_Ant2_2437



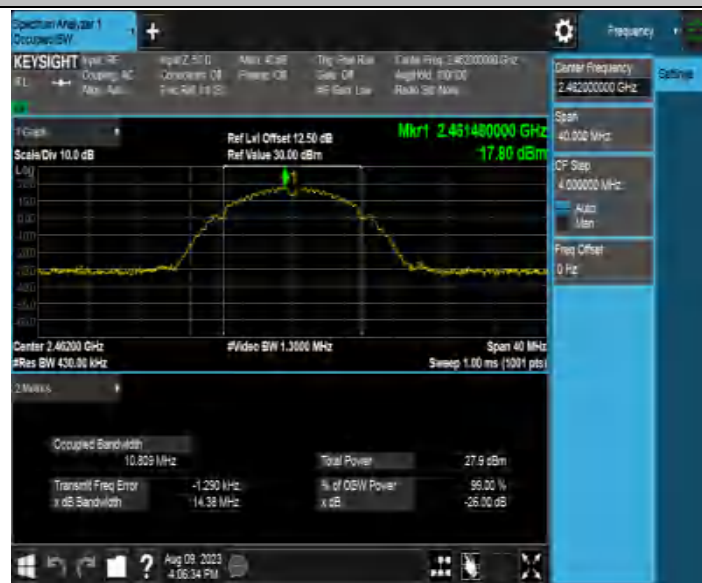
11B-CDD_Ant3_2437



11B-CDD_Ant1_2462



11B-CDD_Ant2_2462



11B-CDD_Ant3_2462



11G-CDD_Ant1_2412



11G-CDD_Ant2_2412



11G-CDD_Ant3_2412



11G-CDD_Ant1_2437



11G-CDD_Ant2_2437



11G-CDD_Ant3_2437



11G-CDD_Ant1_2462



11G-CDD_Ant2_2462



11G-CDD_Ant3_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO_Ant3_2412



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



11N20MIMO_Ant3_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



11N20MIMO_Ant3_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant3_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437



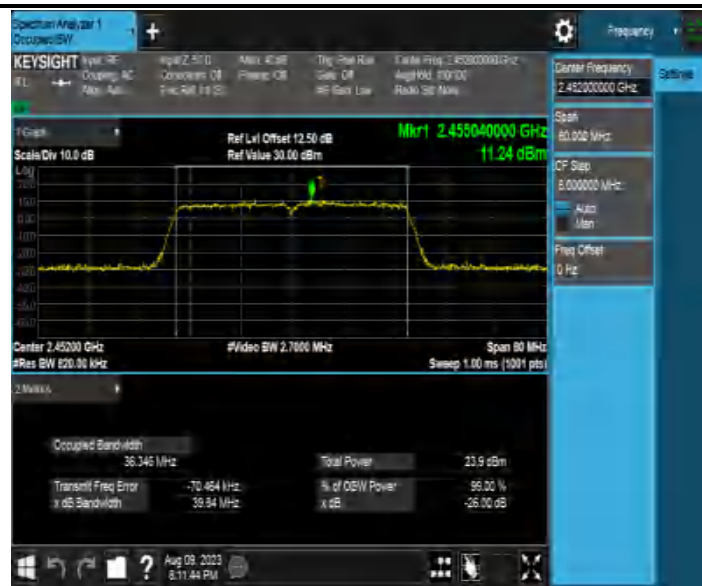
11N40MIMO_Ant3_2437



11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



11N40MIMO_Ant3_2452



11AX20MIMO_Ant1_2412



11AX20MIMO_Ant2_2412



11AX20MIMO_Ant3_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant3_2437



11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



11AX20MIMO_Ant3_2462



11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



11AX40MIMO_Ant3_2422



11AX40MIMO_Ant1_2437



11AX40MIMO_Ant2_2437



11AX40MIMO_Ant3_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



11AX40MIMO_Ant3_2452



3.5 Maximum conducted (Avg) output power

3.5.1 Limit

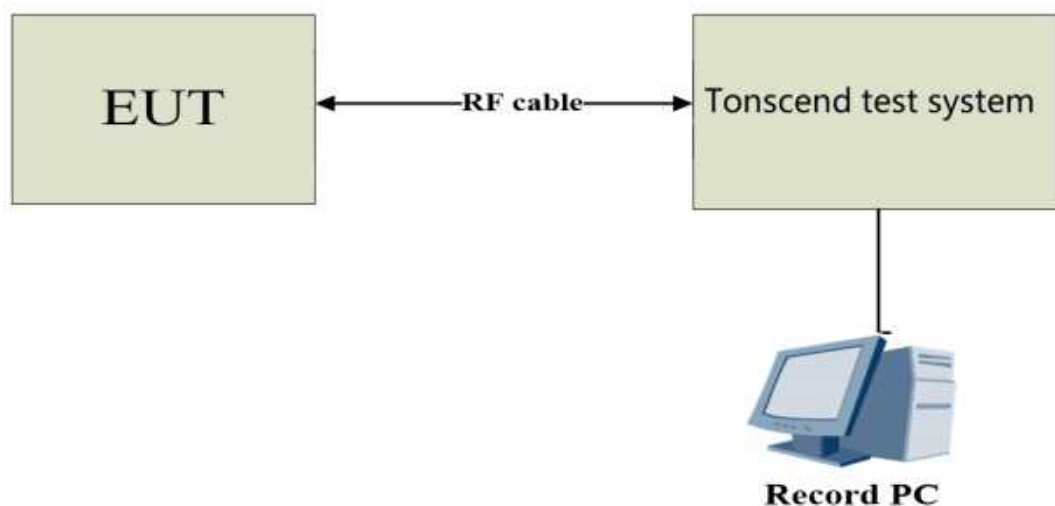
For systems using digital modulation in the 2400~2483.5MHz, The Maximum output Power shall not exceed 1W(30dBm)

3.5.2 Test Procedure

Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ● : Test ○ : No Test	

- The EUT was directly connected to the tonscend test system and antenna output port as show in the block diagram below.
- The maximum conducted output power was performed in accordance with method 11.9.1.3 (for peak power) of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

3.5.3 Test Setup



3.5.4 The Result

Test Mode	Antenna	Frequency[MHz]	Conducted output Power(Avg) [dBm]	Limit [dBm]	Verdict
11B-CDD	Ant1	2412	24.43	≤30.00	PASS
	Ant2	2412	24.37	≤30.00	PASS
	Ant3	2412	24.89	≤30.00	PASS
	total	2412	29.34	≤30.00	PASS
	Ant1	2437	24.34	≤30.00	PASS
	Ant2	2437	23.70	≤30.00	PASS
	Ant3	2437	24.91	≤30.00	PASS
	total	2437	29.12	≤30.00	PASS
	Ant1	2462	24.46	≤30.00	PASS
	Ant2	2462	24.91	≤30.00	PASS
	Ant3	2462	23.86	≤30.00	PASS
	total	2462	29.20	≤30.00	PASS
11G-CDD	Ant1	2412	20.15	≤30.00	PASS
	Ant2	2412	21.27	≤30.00	PASS
	Ant3	2412	19.89	≤30.00	PASS
	total	2412	25.25	≤30.00	PASS
	Ant1	2437	25.27	≤30.00	PASS
	Ant2	2437	24.02	≤30.00	PASS
	Ant3	2437	24.52	≤30.00	PASS
	total	2437	29.41	≤30.00	PASS
	Ant1	2462	21.10	≤30.00	PASS
	Ant2	2462	20.12	≤30.00	PASS
	Ant3	2462	19.95	≤30.00	PASS
	total	2462	25.19	≤30.00	PASS
11N20MIMO-Beamforming	Ant1	2412	20.17	≤29.55	PASS
	Ant2	2412	20.10	≤29.55	PASS
	Ant3	2412	20.40	≤29.55	PASS
	total	2412	25.00	≤29.55	PASS
	Ant1	2437	25.30	≤29.55	PASS
	Ant2	2437	24.55	≤29.55	PASS
	Ant3	2437	24.01	≤29.55	PASS
	total	2437	29.42	≤29.55	PASS
	Ant1	2462	20.25	≤29.55	PASS
	Ant2	2462	19.38	≤29.55	PASS
	Ant3	2462	19.52	≤29.55	PASS
	total	2462	24.50	≤29.55	PASS

	11N40MIMO- Beamforming	Ant1	2422	19.42	≤29.55	PASS
		Ant2	2422	18.42	≤29.55	PASS
		Ant3	2422	19.17	≤29.55	PASS
		total	2422	23.79	≤29.55	PASS
		Ant1	2437	21.51	≤29.55	PASS
		Ant2	2437	20.58	≤29.55	PASS
		Ant3	2437	20.22	≤29.55	PASS
		total	2437	25.58	≤29.55	PASS
		Ant1	2452	18.16	≤29.55	PASS
		Ant2	2452	16.60	≤29.55	PASS
		Ant3	2452	17.11	≤29.55	PASS
		total	2452	22.11	≤29.55	PASS
	11AX20MIM O- Beamforming	Ant1	2412	20.58	≤29.55	PASS
		Ant2	2412	19.50	≤29.55	PASS
		Ant3	2412	19.52	≤29.55	PASS
		total	2412	24.67	≤29.55	PASS
		Ant1	2437	25.33	≤29.55	PASS
		Ant2	2437	24.07	≤29.55	PASS
		Ant3	2437	24.77	≤29.55	PASS
		total	2437	29.52	≤29.55	PASS
		Ant1	2462	20.29	≤29.55	PASS
		Ant2	2462	19.14	≤29.55	PASS
		Ant3	2462	19.03	≤29.55	PASS
		total	2462	24.30	≤29.55	PASS
	11AX40MIM O- Beamforming	Ant1	2422	19.77	≤29.55	PASS
		Ant2	2422	18.86	≤29.55	PASS
		Ant3	2422	19.95	≤29.55	PASS
		total	2422	24.32	≤29.55	PASS
		Ant1	2437	22.19	≤29.55	PASS
		Ant2	2437	21.06	≤29.55	PASS
		Ant3	2437	20.89	≤29.55	PASS
		total	2437	26.19	≤29.55	PASS
		Ant1	2452	18.70	≤29.55	PASS
		Ant2	2452	16.89	≤29.55	PASS
		Ant3	2452	17.53	≤29.55	PASS
		total	2452	22.54	≤29.55	PASS

3.6 Power Spectral Density

3.6.1 Limit

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

3.6.2 Test Procedure

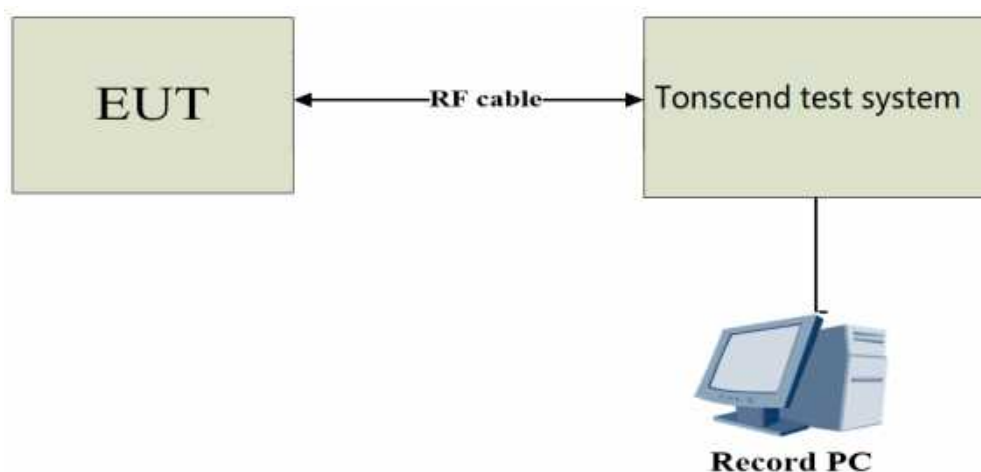
Test Method	
☒ Conducted Measurement	☐ Radiated Measurement
Test Channels	
☒ Lowest, Middle and Highest Channel	☐ Lowest and Highest Channel
Environmental conditions	
☒ Normal	☐ Normal and Extreme
Note: ● : Test ○ : No Test	

a) The EUT was directly connected to the tonscond test system and antenna output port as show in the block diagram below.

b) Spectrum analyser settings as following:

Spectrum Parameters	Setting
Span Frequency	1.5 times the DTS bandwidth
RBW	3 kHz
VBW	10 kHz
Detector	Avg
Trace	Max Hold
Sweep Time	Auto

3.6.3 Test Setup



3.6.4 The Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B-CDD	Ant1	2412	-6.13	≤7.55	PASS
	Ant2	2412	-6.2	≤7.55	PASS
	Ant3	2412	-5.81	≤7.55	PASS
	total	2412	-1.27	≤7.55	PASS
	Ant1	2437	-6.05	≤7.55	PASS
	Ant2	2437	-6.63	≤7.55	PASS
	Ant3	2437	-5.17	≤7.55	PASS
	total	2437	-1.14	≤7.55	PASS
	Ant1	2462	-5.71	≤7.55	PASS
	Ant2	2462	-5.15	≤7.55	PASS
	Ant3	2462	-6.53	≤7.55	PASS
	total	2462	-0.99	≤7.55	PASS
11G-CDD	Ant1	2412	-9.74	≤7.55	PASS
	Ant2	2412	-9.09	≤7.55	PASS
	Ant3	2412	-10.89	≤7.55	PASS
	total	2412	-5.07	≤7.55	PASS
	Ant1	2437	-5.69	≤7.55	PASS
	Ant2	2437	-6.29	≤7.55	PASS
	Ant3	2437	-5.22	≤7.55	PASS
	total	2437	-0.94	≤7.55	PASS
	Ant1	2462	-10.11	≤7.55	PASS
	Ant2	2462	-9.92	≤7.55	PASS
	Ant3	2462	-10.67	≤7.55	PASS
	total	2462	-5.45	≤7.55	PASS
11N20MIMO-Beamforming	Ant1	2412	-11.37	≤7.55	PASS
	Ant2	2412	-12.42	≤7.55	PASS
	Ant3	2412	-12.33	≤7.55	PASS
	total	2412	-7.24	≤7.55	PASS
	Ant1	2437	-7.12	≤7.55	PASS
	Ant2	2437	-6.89	≤7.55	PASS
	Ant3	2437	-8.15	≤7.55	PASS
	total	2437	-2.58	≤7.55	PASS
	Ant1	2462	-11.42	≤7.55	PASS
	Ant2	2462	-13.07	≤7.55	PASS
	Ant3	2462	-12.86	≤7.55	PASS
	total	2462	-7.61	≤7.55	PASS
11N40MIMO-Beamforming	Ant1	2422	-13.27	≤7.55	PASS
	Ant2	2422	-14.69	≤7.55	PASS
	Ant3	2422	-16.04	≤7.55	PASS

	total	2422	-9.75	≤7.55	PASS
	Ant1	2437	-11.9	≤7.55	PASS
	Ant2	2437	-12.15	≤7.55	PASS
	Ant3	2437	-13.59	≤7.55	PASS
	total	2437	-7.71	≤7.55	PASS
	Ant1	2452	-14.36	≤7.55	PASS
	Ant2	2452	-17.26	≤7.55	PASS
	Ant3	2452	-15.16	≤7.55	PASS
	total	2452	-10.66	≤7.55	PASS
11AX20MIMO- Beamforming	Ant1	2412	-10.84	≤7.55	PASS
	Ant2	2412	-12.03	≤7.55	PASS
	Ant3	2412	-12.16	≤7.55	PASS
	total	2412	-6.86	≤7.55	PASS
	Ant1	2437	-6.79	≤7.55	PASS
	Ant2	2437	-7.36	≤7.55	PASS
	Ant3	2437	-6.8	≤7.55	PASS
	total	2437	-2.20	≤7.55	PASS
	Ant1	2462	-11.75	≤7.55	PASS
	Ant2	2462	-12.77	≤7.55	PASS
	Ant3	2462	-12.45	≤7.55	PASS
	total	2462	-7.53	≤7.55	PASS
11AX40MIMO- Beamforming	Ant1	2422	-12.91	≤7.55	PASS
	Ant2	2422	-16.18	≤7.55	PASS
	Ant3	2422	-15.55	≤7.55	PASS
	total	2422	-9.87	≤7.55	PASS
	Ant1	2437	-12.08	≤7.55	PASS
	Ant2	2437	-14.12	≤7.55	PASS
	Ant3	2437	-13.28	≤7.55	PASS
	total	2437	-8.31	≤7.55	PASS
	Ant1	2452	-15.13	≤7.55	PASS
	Ant2	2452	-17.14	≤7.55	PASS
	Ant3	2452	-16.26	≤7.55	PASS
	total	2452	-11.33	≤7.55	PASS

Note: The results have compensated for the Duty Cycle Correction Factor

11B-CDD_Ant1_2412



11B-CDD_Ant2_2412



11B-CDD_Ant3_2412



11B-CDD_Ant1_2437



11B-CDD_Ant2_2437



11B-CDD_Ant3_2437



11B-CDD_Ant1_2462



11B-CDD_Ant2_2462



11B-CDD_Ant3_2462



11G-CDD_Ant1_2412



11G-CDD_Ant2_2412



11G-CDD_Ant3_2412



11G-CDD_Ant1_2437



11G-CDD_Ant2_2437



11G-CDD_Ant3_2437



The screenshot displays the Keysight Spectrum Analyzer 1 interface. The main plot area shows a signal spectrum with a prominent peak at 2.464 GHz, labeled 'Mkrt 2.464 486.2 GHz -10.307 dBm'. The x-axis represents frequency in GHz, ranging from approximately 2.45 GHz to 2.48 GHz. The y-axis represents power in dBm, ranging from -10 dBm to 0 dBm. The signal is centered at 2.464 GHz with a span of 26.78 MHz. The resolution bandwidth (RBW) is 32.0 MHz, and the video bandwidth (VBW) is 10 MHz. The interface includes various control panels on the right and bottom for settings like Span, Resolution, and Video BW.

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11G-CDD_Ant3_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



11N20MIMO_Ant3_2412



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437



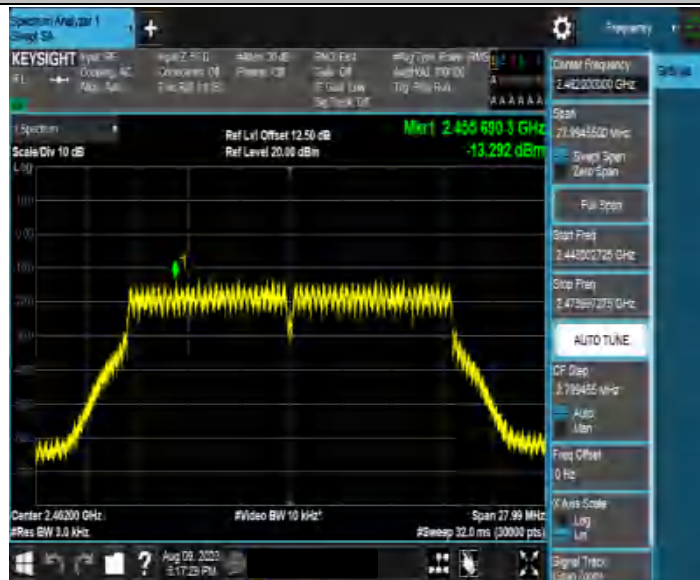
11N20MIMO_Ant3_2437



11N20MIMO_Ant1_2462



11N20MIMO_Ant2_2462



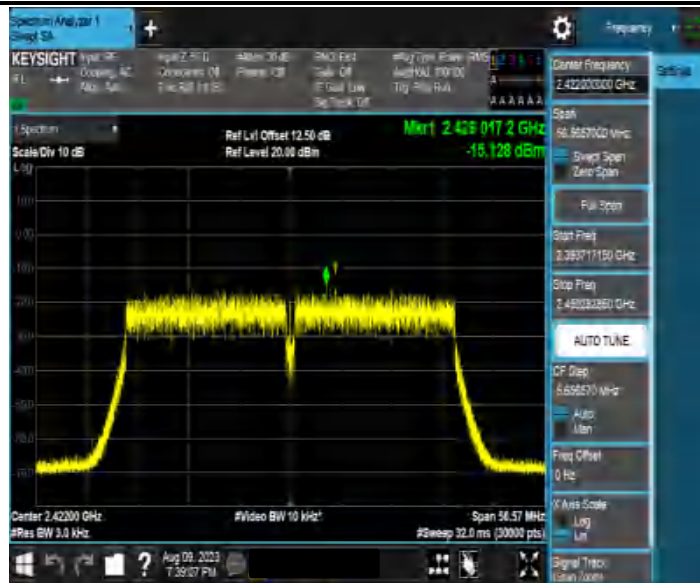
11N20MIMO_Ant3_2462



11N40MIMO_Ant1_2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant3_2422



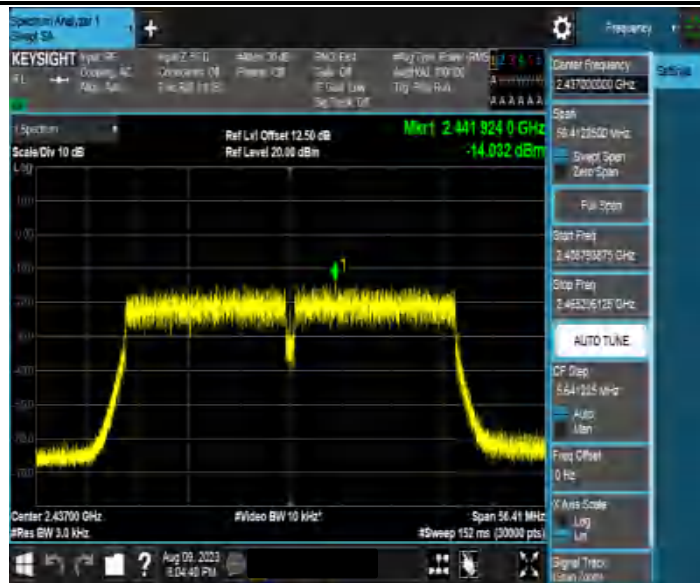
11N40MIMO_Ant1_2437



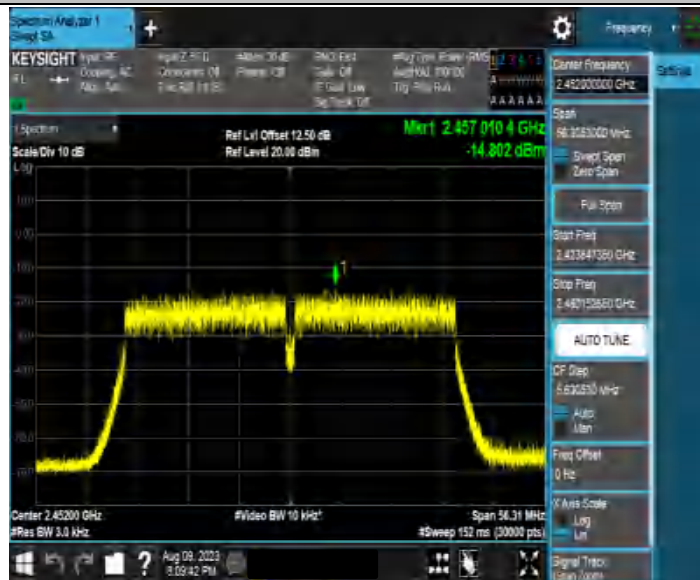
11N40MIMO_Ant2_2437



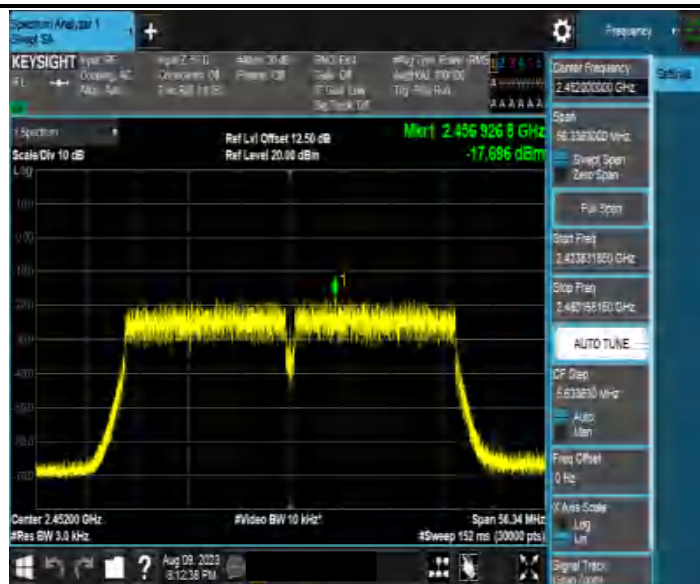
11N40MIMO_Ant3_2437



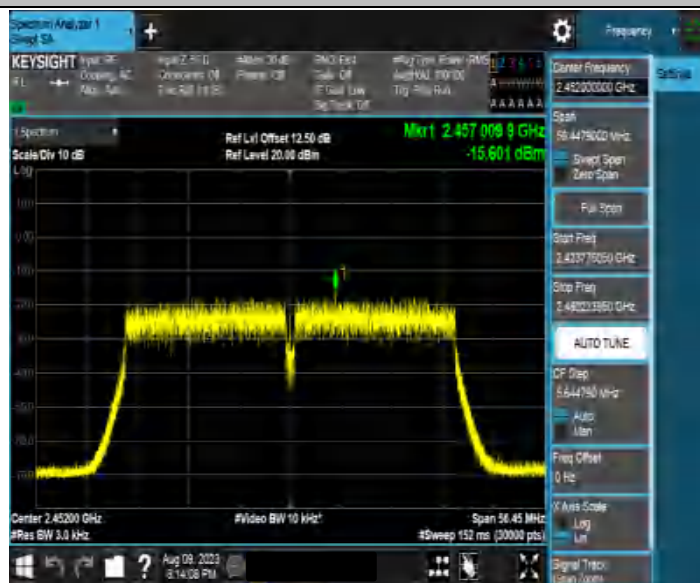
11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



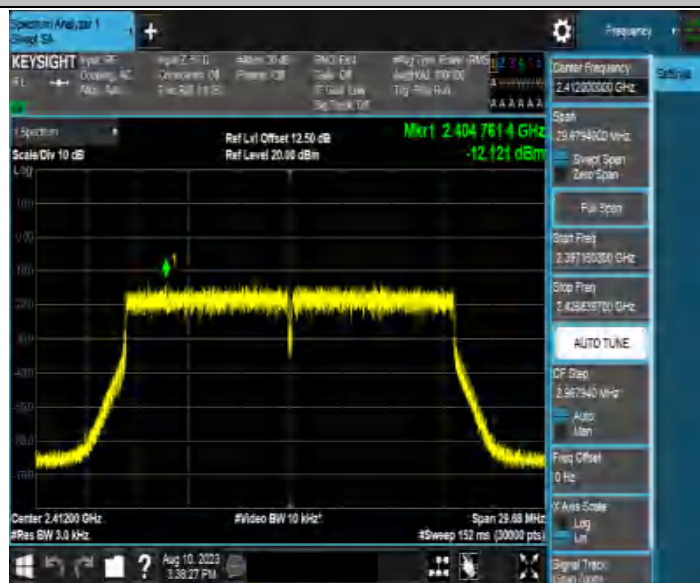
11N40MIMO_Ant3_2452



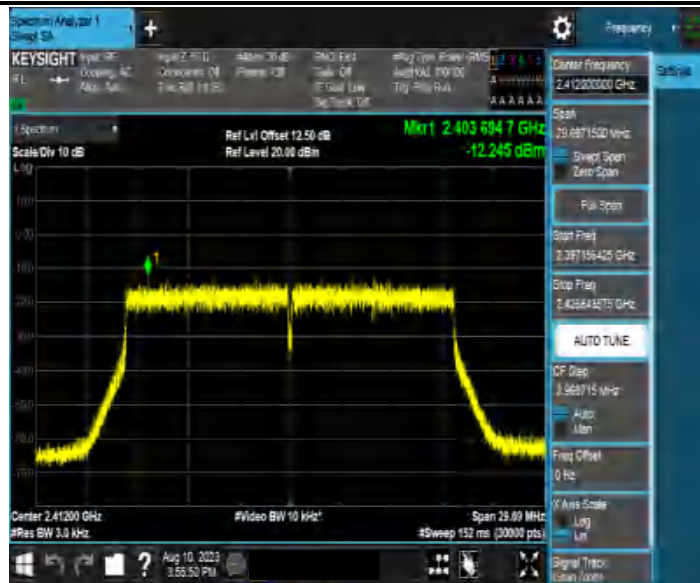
11AX20MIMO_Ant1_2412



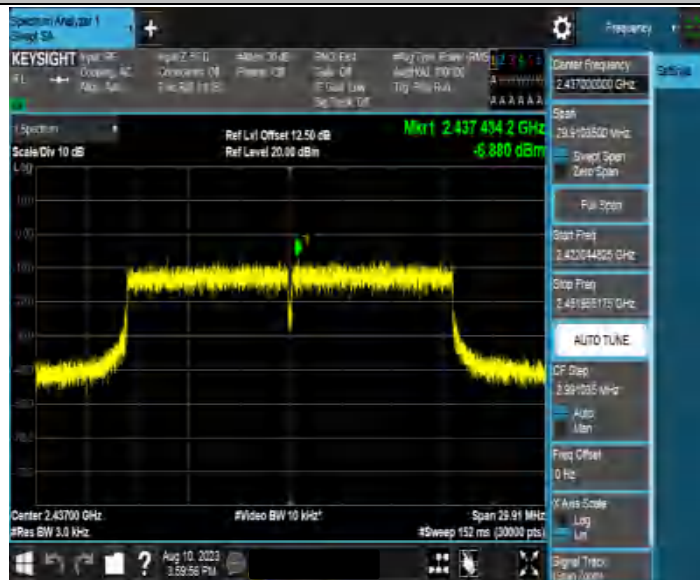
11AX20MIMO_Ant2_2412



11AX20MIMO_Ant3_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437



11AX20MIMO_Ant3_2437



11AX20MIMO_Ant1_2462



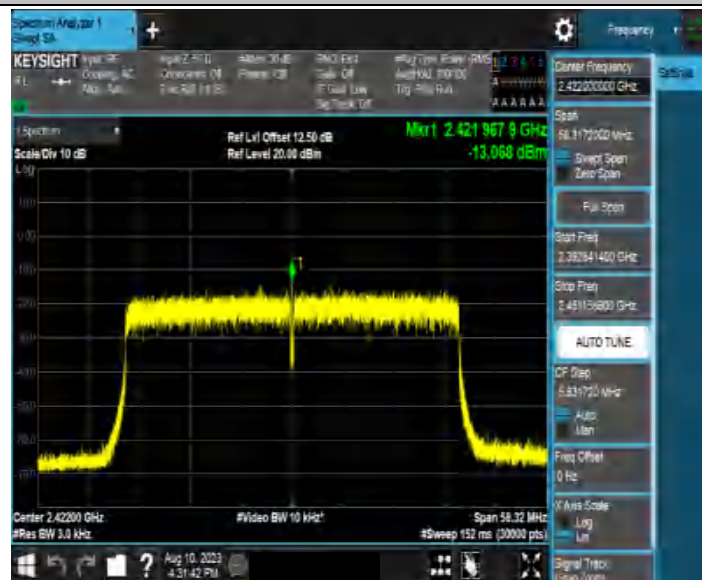
11AX20MIMO_Ant2_2462



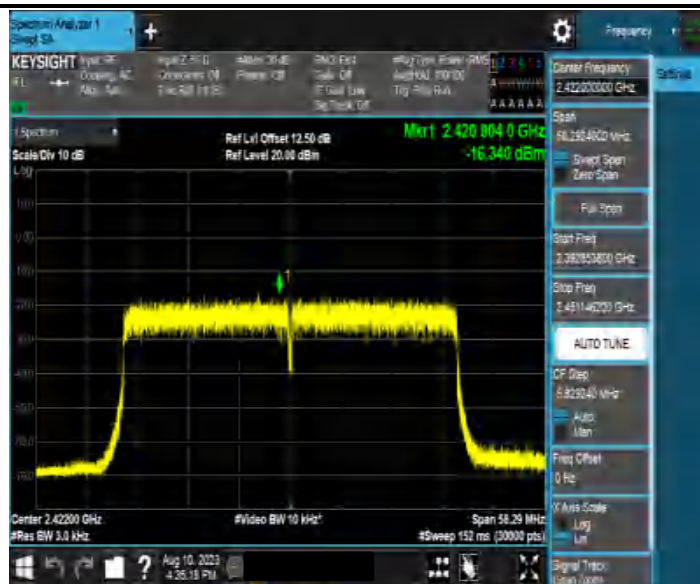
11AX20MIMO_Ant3_2462



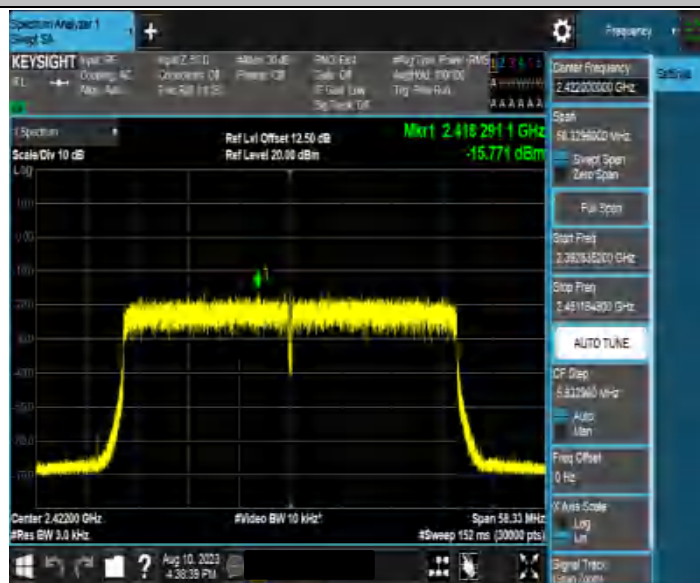
11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422



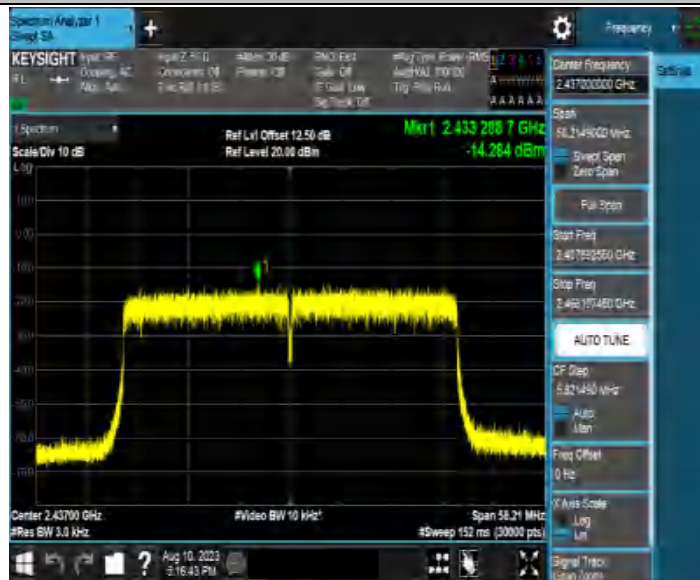
11AX40MIMO_Ant3_2422



11AX40MIMO_Ant1_2437



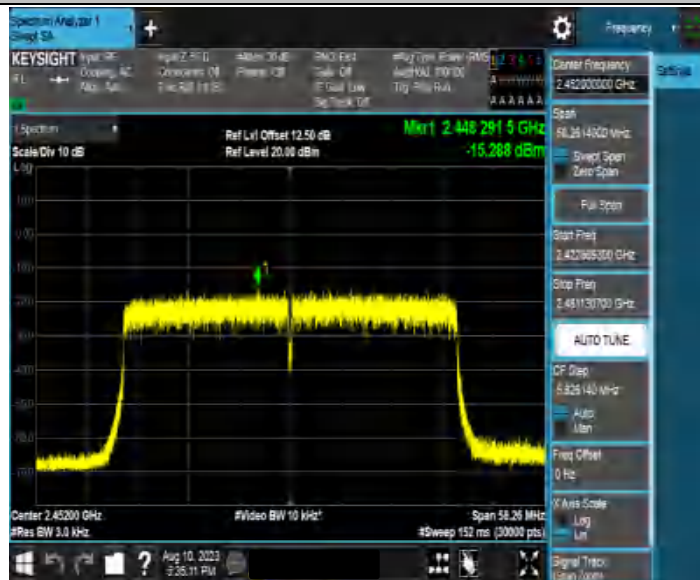
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant3_2437



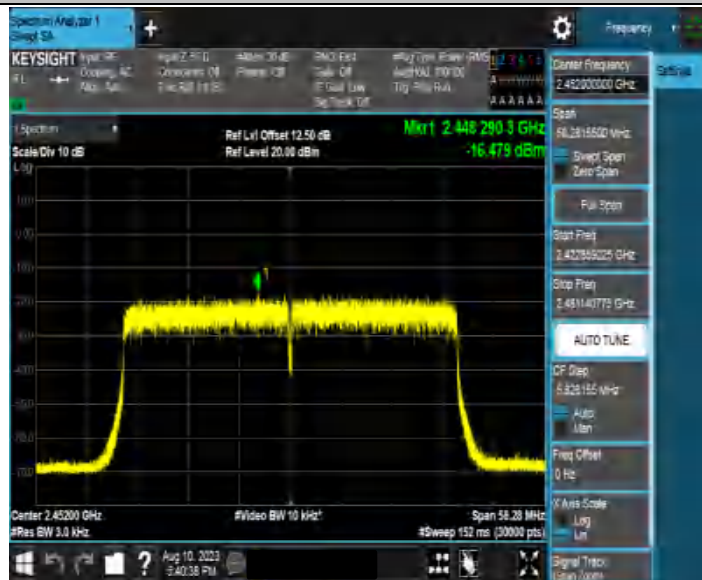
11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



11AX40MIMO_Ant3_2452



End of Test Report