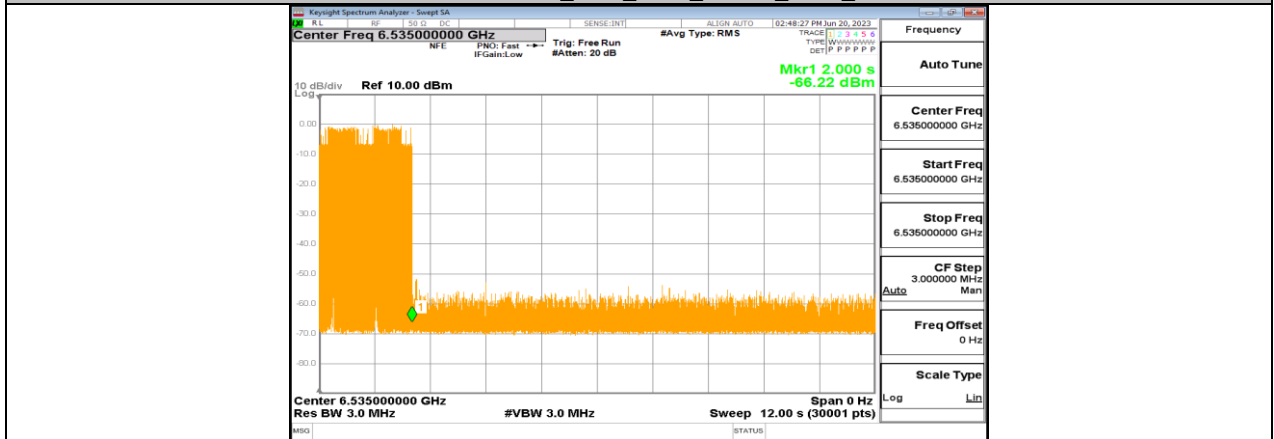
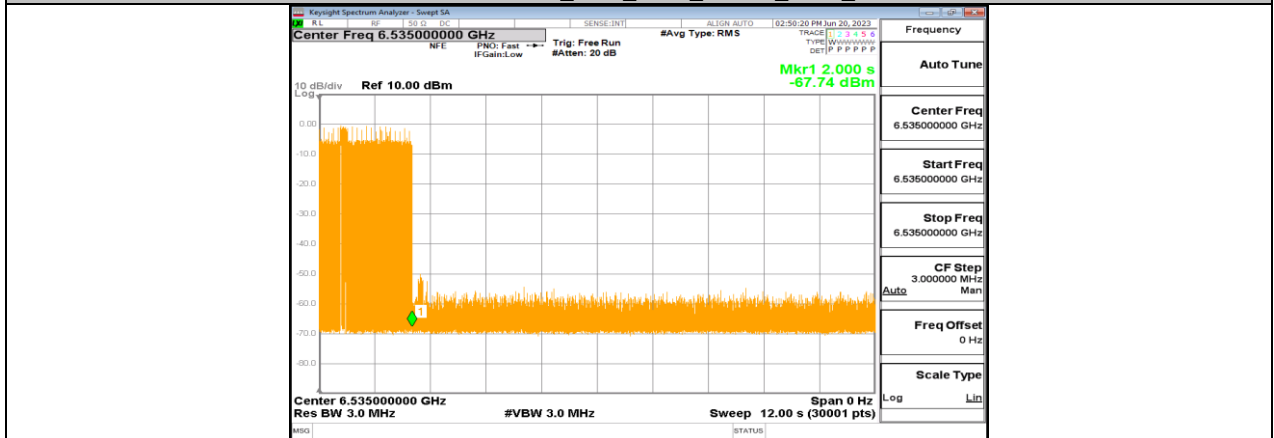


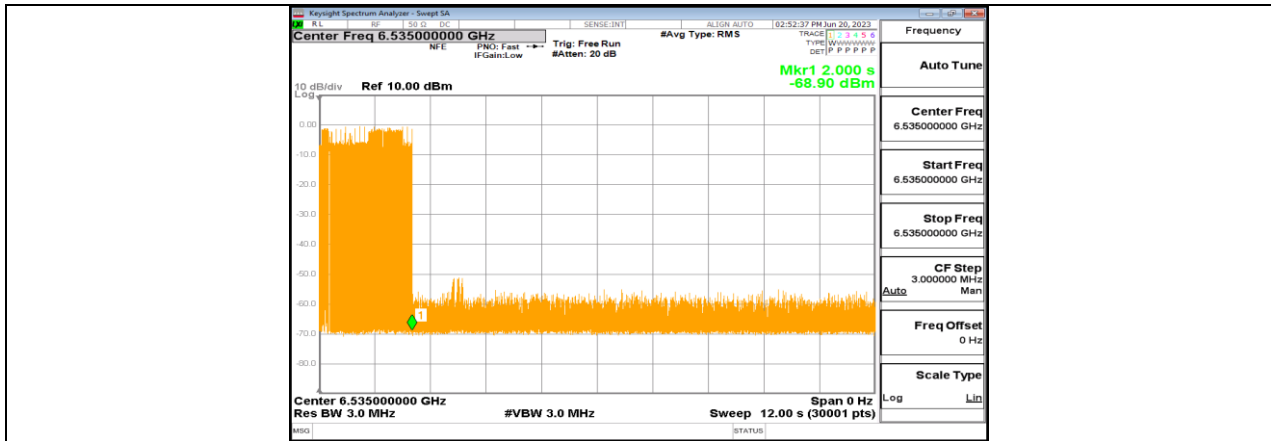
11AX20MIMO\_Ant1\_6535\_Center\_6535\_5



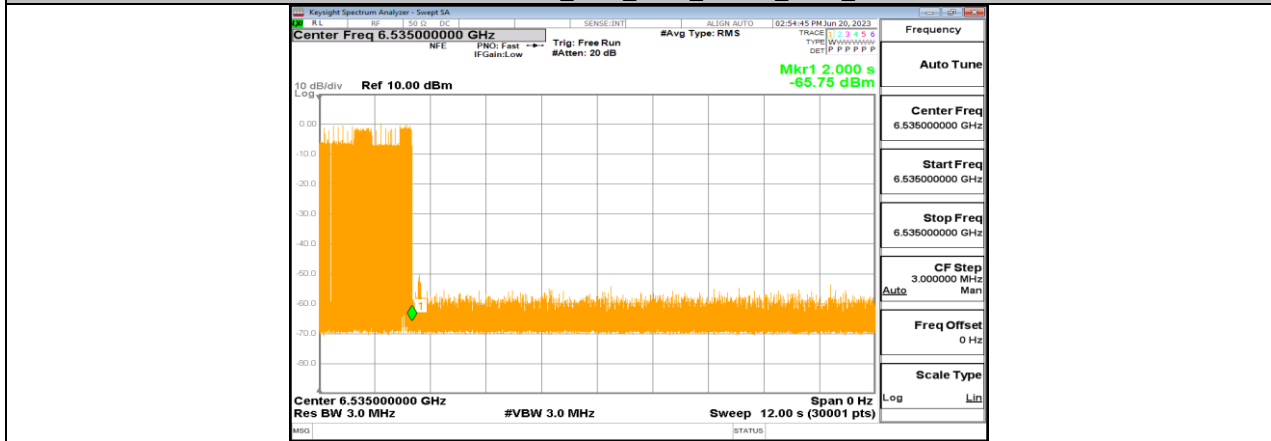
11AX20MIMO\_Ant1\_6535\_Center\_6535\_6



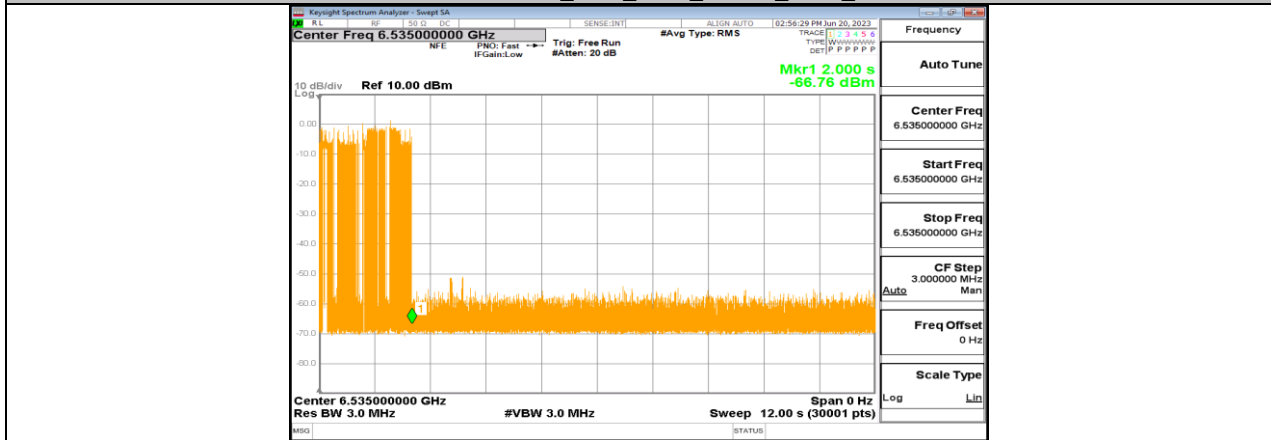
11AX20MIMO\_Ant1\_6535\_Center\_6535\_7



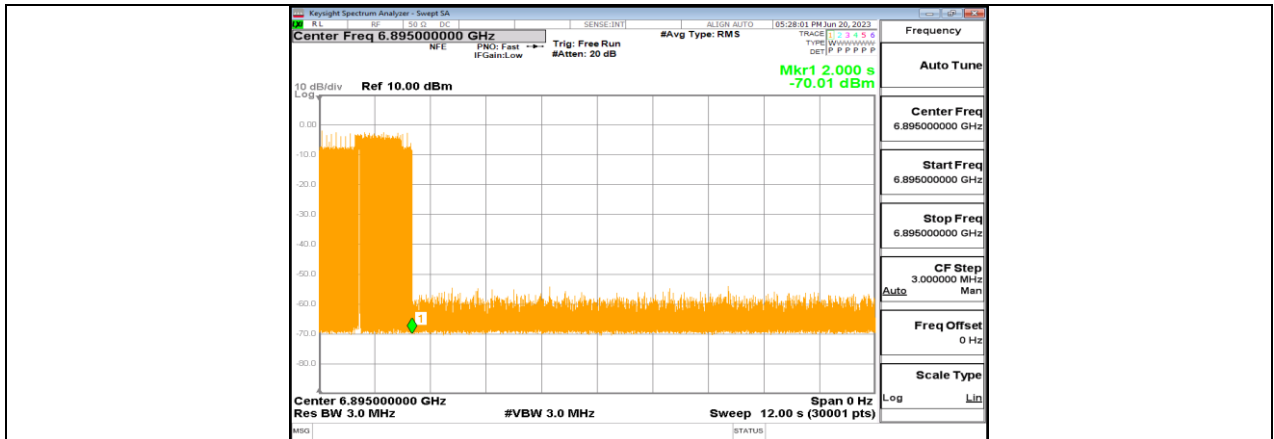
11AX20MIMO\_Ant1\_6535\_Center\_6535\_8



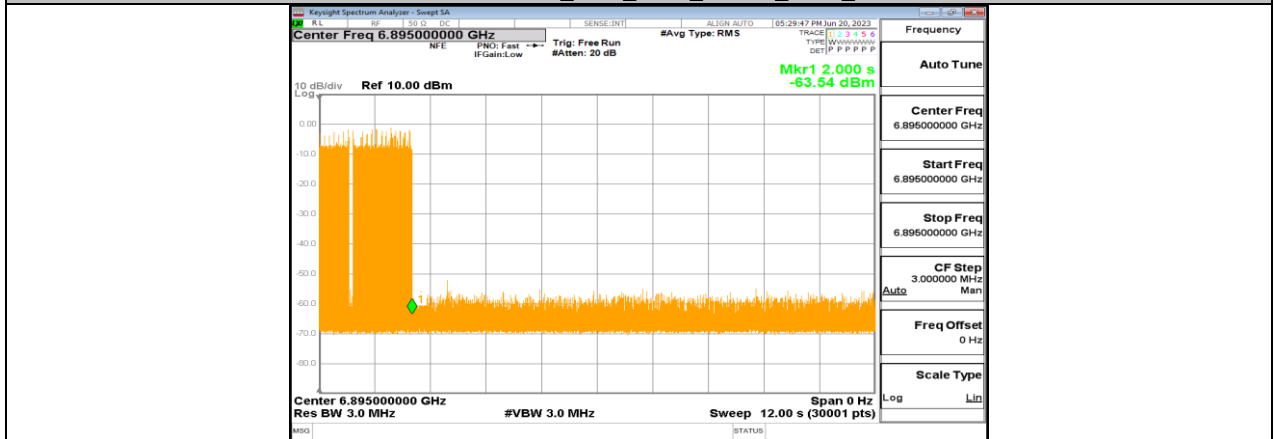
11AX20MIMO\_Ant1\_6535\_Center\_6535\_9



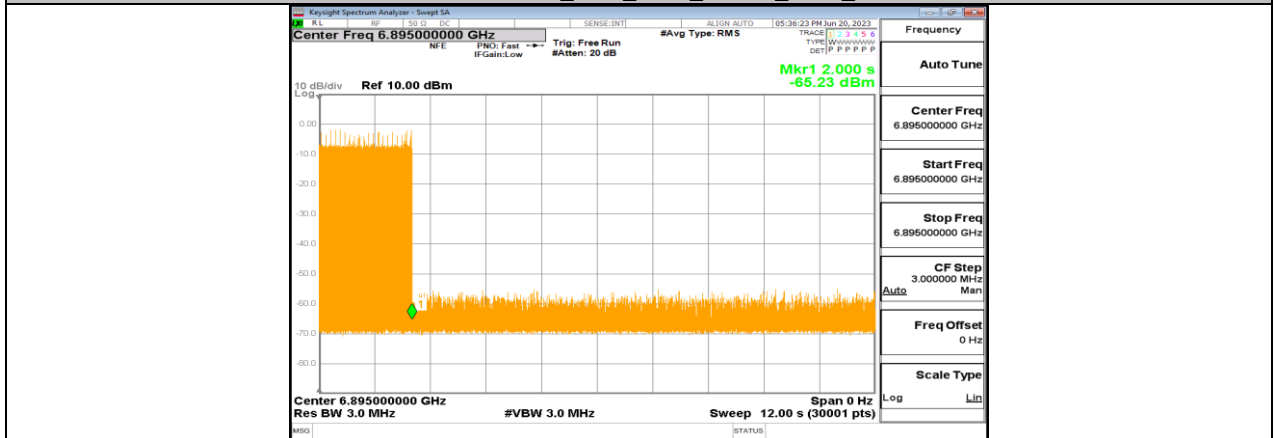
11AX20MIMO\_Ant1\_6535\_Center\_6535\_10



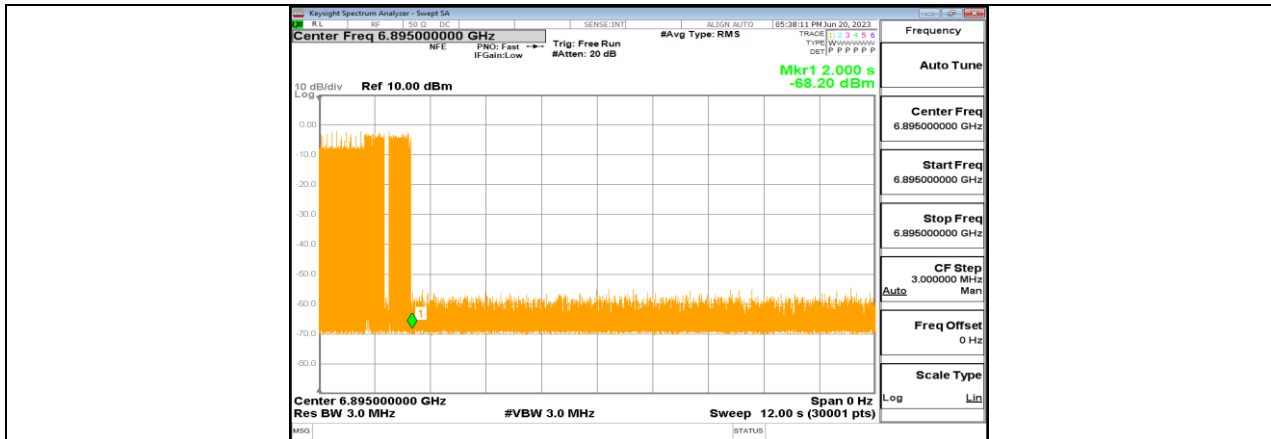
11AX20MIMO\_Ant1\_6895\_Center\_6895\_1



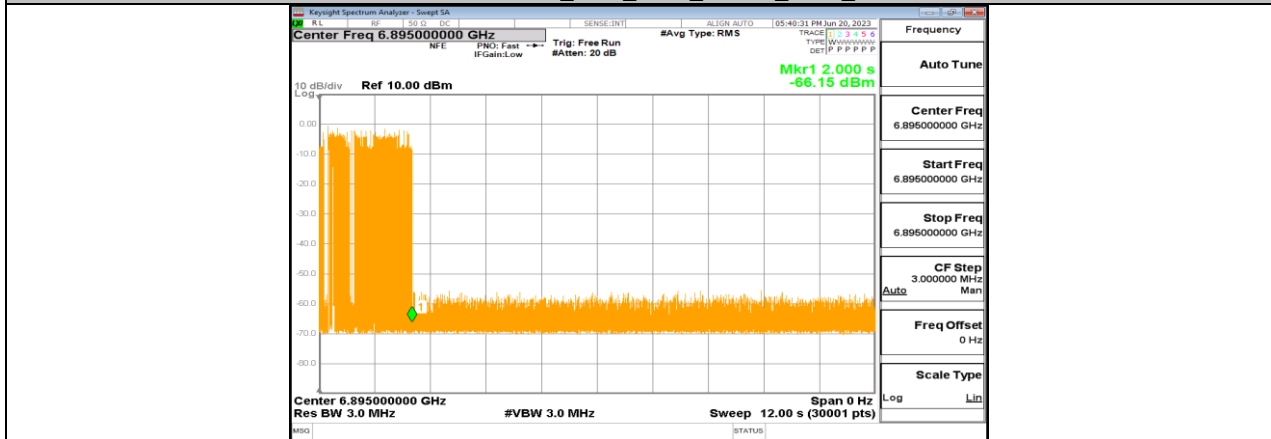
11AX20MIMO\_Ant1\_6895\_Center\_6895\_2



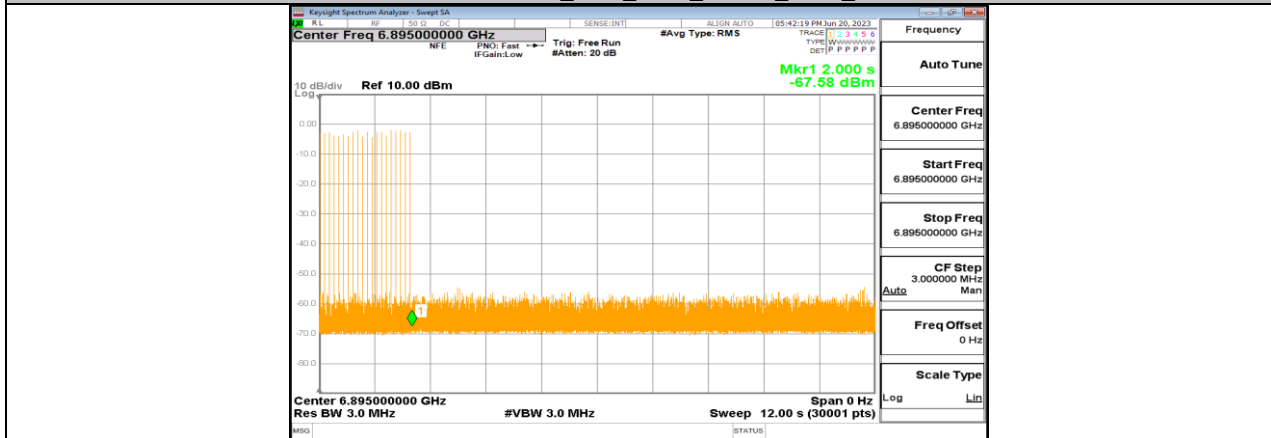
11AX20MIMO\_Ant1\_6895\_Center\_6895\_3



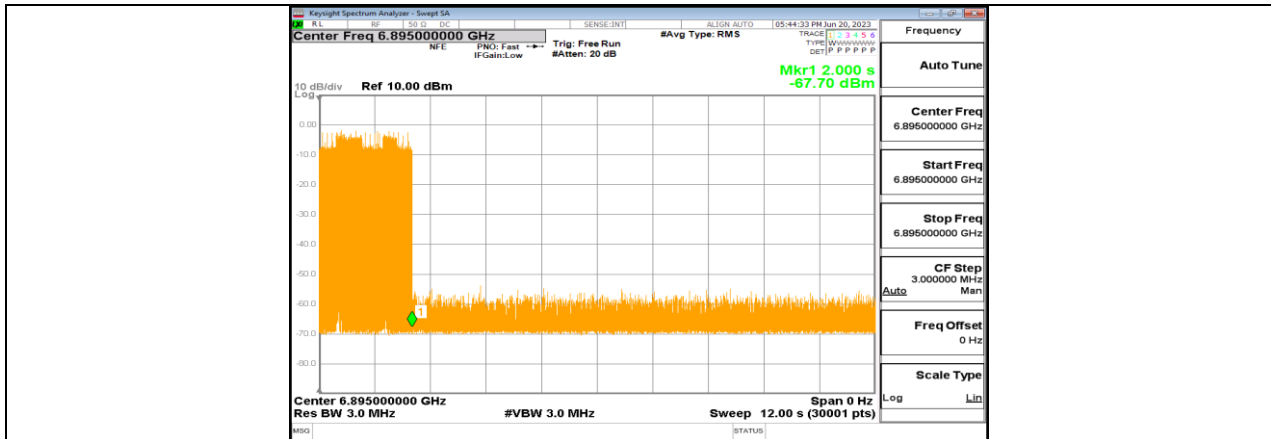
11AX20MIMO\_Ant1\_6895\_Center\_6895\_4



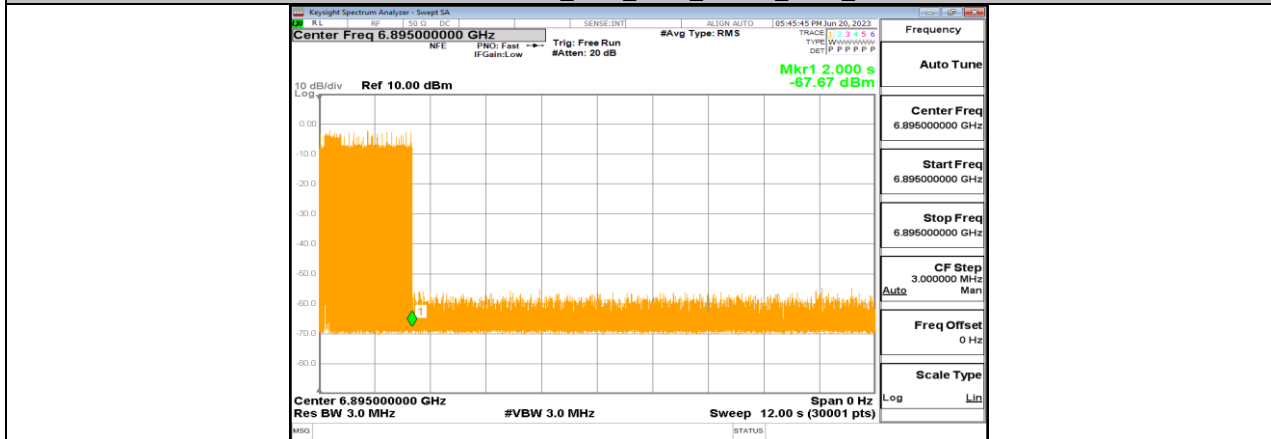
11AX20MIMO\_Ant1\_6895\_Center\_6895\_5



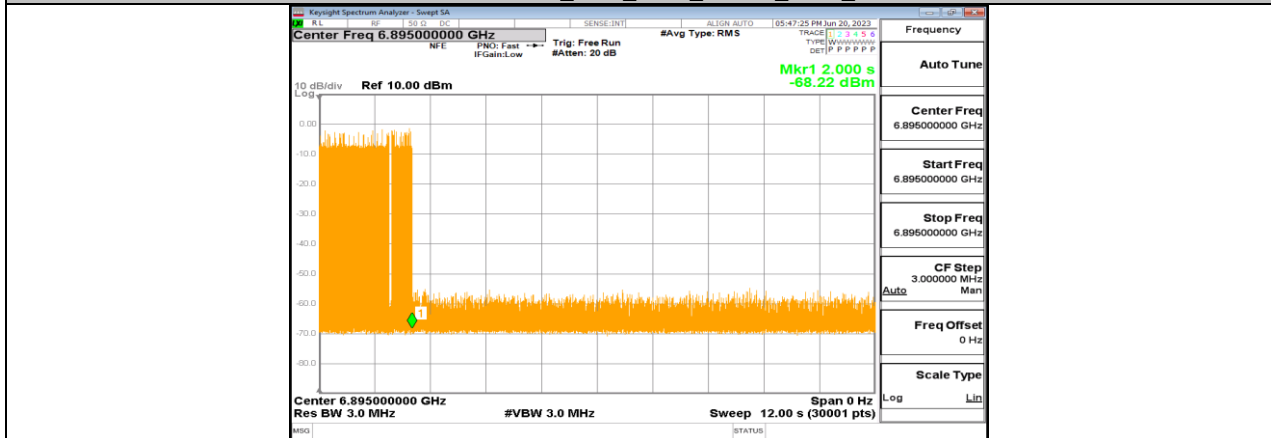
11AX20MIMO\_Ant1\_6895\_Center\_6895\_6



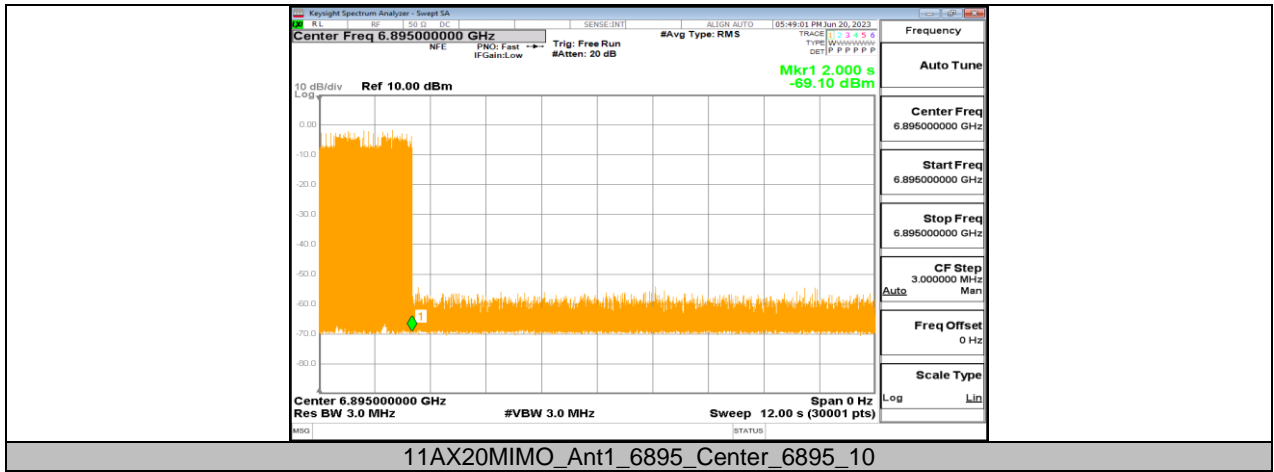
11AX20MIMO\_Ant1\_6895\_Center\_6895\_7



11AX20MIMO\_Ant1\_6895\_Center\_6895\_8



11AX20MIMO\_Ant1\_6895\_Center\_6895\_9



**11.7.3. Test Result for Mesh**

Test Mode	Antenna	EUT Frequency	AWGN Frequency	Injected AWGN Power	Minimum Antenna Gain	Path Loss	Adjusted Power Result	Limit	UT Tx Status
11AX20 MIMO	Ant5	6115	6115	-71.19	0.81	2	-70.00	-62	ON
				-68.01	0.81	2	-66.82	-62	Minimal
				-63.41	0.81	2	-62.22	-62	OFF
		6435	6435	-71.19	0.81	2	-70.00	-62	ON
				-68.44	0.81	2	-67.25	-62	Minimal
				-63.40	0.81	2	-62.21	-62	OFF
		6535	6535	-71.19	0.81	2	-70.00	-62	ON
				-65.50	0.81	2	-64.31	-62	Minimal
				-63.48	0.81	2	-62.29	-62	OFF
		6895	6895	-71.19	0.81	2	-70.00	-62	ON
				-66.70	0.81	2	-65.51	-62	Minimal
				-63.67	0.81	2	-62.48	-62	OFF
11AX160 MIMO	Ant5	6110	6110	-71.19	0.81	2	-70.00	-62	ON
				-69.01	0.81	2	-67.82	-62	Minimal
				-63.59	0.81	2	-62.40	-62	OFF
				-71.19	0.81	2	-70.00	-62	ON
				-67.38	0.81	2	-66.19	-62	Minimal
				-63.41	0.81	2	-62.22	-62	OFF
		6185	6185	-71.19	0.81	2	-70.00	-62	ON
				-67.59	0.81	2	-66.40	-62	Minimal
				-67.42	0.81	2	-66.23	-62	OFF
				-71.19	0.81	2	-70.00	-62	ON
				-67.16	0.81	2	-65.97	-62	Minimal
				-63.67	0.81	2	-62.48	-62	OFF
		6260	6260	-71.19	0.81	2	-70.00	-62	ON
				-67.19	0.81	2	-70.00	-62	ON
				-67.69	0.81	2	-66.50	-62	Minimal
				-63.59	0.81	2	-62.40	-62	OFF
				-71.19	0.81	2	-70.00	-62	ON
				-67.59	0.81	2	-66.40	-62	Minimal
		6430	6430	-63.42	0.81	2	-62.23	-62	OFF
				-71.19	0.81	2	-70.00	-62	ON
				-67.29	0.81	2	-66.10	-62	Minimal
				-67.43	0.81	2	-66.24	-62	OFF
				-71.19	0.81	2	-70.00	-62	ON
				-66.69	0.81	2	-65.50	-62	Minimal
6505	6505	-63.67	0.81	2	-62.48	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-66.69	0.81	2	-65.50	-62	Minimal		
		-63.67	0.81	2	-62.48	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-67.59	0.81	2	-66.40	-62	Minimal		
6580	6580	-63.42	0.81	2	-62.23	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-67.29	0.81	2	-66.10	-62	Minimal		
		-67.43	0.81	2	-66.24	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-66.69	0.81	2	-65.50	-62	Minimal		
6590	6590	-63.67	0.81	2	-62.48	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-66.69	0.81	2	-65.50	-62	Minimal		
		-63.67	0.81	2	-62.48	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-67.59	0.81	2	-66.40	-62	Minimal		
6665	6665	-63.42	0.81	2	-62.23	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-67.29	0.81	2	-66.10	-62	Minimal		
		-67.43	0.81	2	-66.24	-62	OFF		
		-71.19	0.81	2	-70.00	-62	ON		
		-66.69	0.81	2	-65.50	-62	Minimal		

		6740	-71.19	0.81	2	-70.00	-62	ON	
			-67.49	0.81	2	-66.30	-62	Minimal	
			-63.50	0.81	2	-62.31	-62	OFF	
		6985	6910	-71.19	0.81	2	-70.00	-62	ON
				-67.29	0.81	2	-66.10	-62	Minimal
				-63.51	0.81	2	-62.32	-62	OFF
			6985	-71.19	0.81	2	-70.00	-62	ON
				-68.59	0.81	2	-67.40	-62	Minimal
				-63.47	0.81	2	-62.28	-62	OFF
		7060	-71.19	0.81	2	-70.00	-62	ON	
			-67.69	0.81	2	-66.50	-62	Minimal	
			-63.34	0.81	2	-62.15	-62	OFF	

Note 1: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 2: Detection Level = Injected AWGN Power (dBm) – Antenna Gain (dBi) + Path Loss (dB)

Test Mode	Antenna	Frequency[MHz]	Interference Frequency [MHz]		Test Number [n]	Number Detected [n]	Result [%]	Limit [%]	Verdict
11AX20MIMO	Ant1	6115	Center	6115	10	10	100	90	PASS
		6435	Center	6435	10	10	100	90	PASS
		6535	Center	6535	10	10	100	90	PASS
		6895	Center	6895	10	10	100	90	PASS
11AX160MIMO	Ant1	6185	Low	6110	10	10	100	90	PASS
			Center	6185	10	10	100	90	PASS
			High	6260	10	10	100	90	PASS
		6505	Low	6430	10	10	100	90	PASS
			Center	6505	10	10	100	90	PASS
			High	6580	10	10	100	90	PASS
		6665	Low	6590	10	10	100	90	PASS
			Center	6665	10	10	100	90	PASS
			High	6740	10	10	100	90	PASS
		6985	Low	6910	10	10	100	90	PASS
			Center	6985	10	10	100	90	PASS
			High	7060	10	10	100	90	PASS

Test Mode	Antenna	Frequency[MHz]	Interference Frequency [MHz]		Test Time	Is Detected	Verdict
11AX20MIMO	Ant1	6115	Center	6115	1	Yes	PASS
			Center	6115	2	Yes	PASS
			Center	6115	3	Yes	PASS
			Center	6115	4	Yes	PASS
			Center	6115	5	Yes	PASS

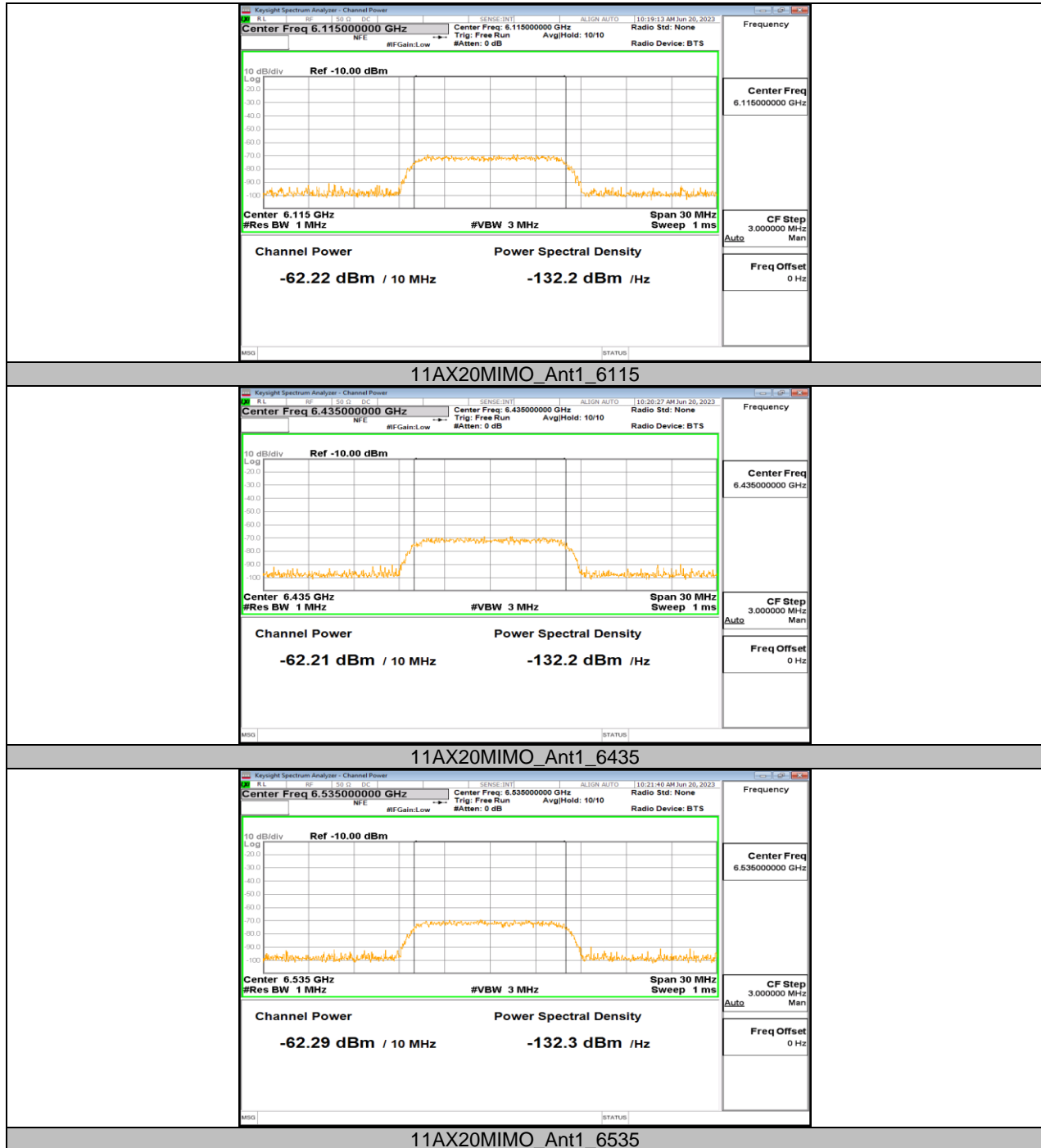


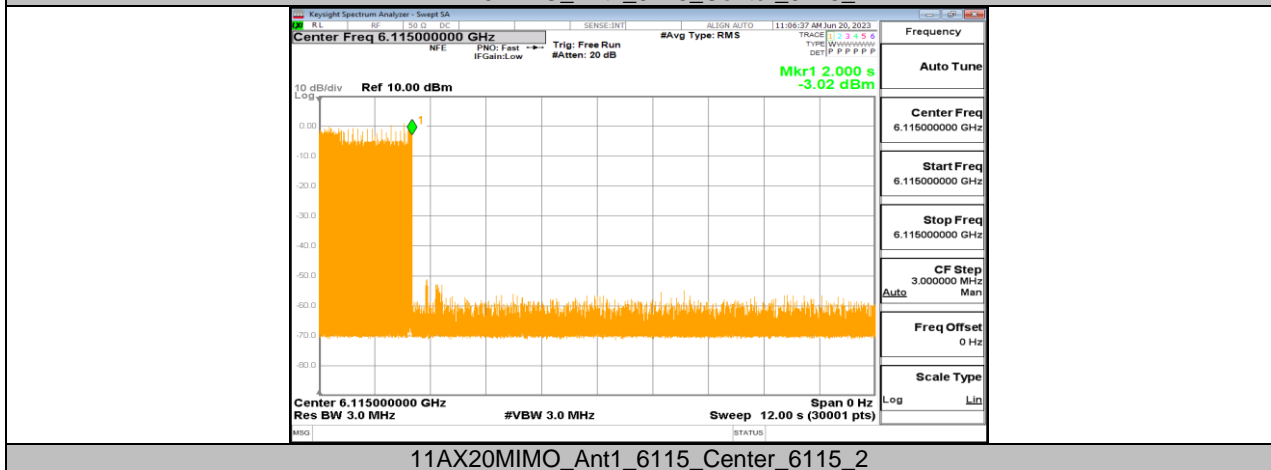
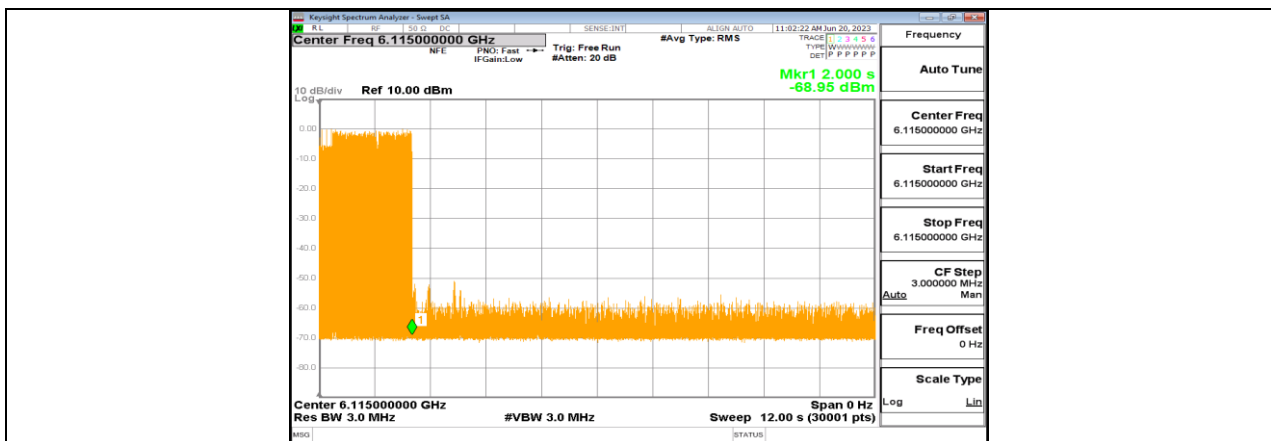
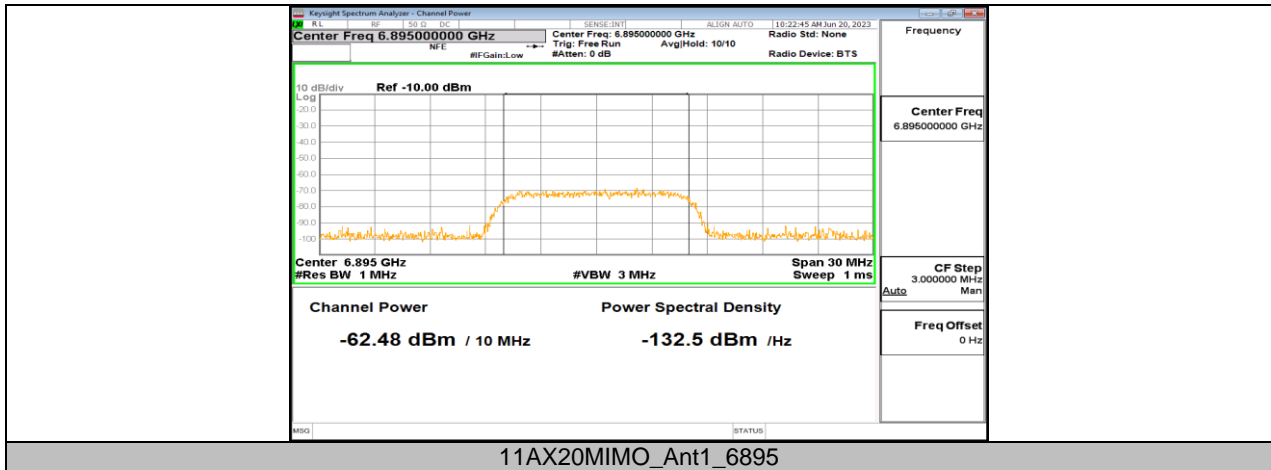
			Center	6115	6	Yes	PASS
			Center	6115	7	Yes	PASS
			Center	6115	8	Yes	PASS
			Center	6115	9	Yes	PASS
			Center	6115	10	Yes	PASS
		6435	Center	6435	1	Yes	PASS
			Center	6435	2	Yes	PASS
			Center	6435	3	Yes	PASS
			Center	6435	4	Yes	PASS
			Center	6435	5	Yes	PASS
			Center	6435	6	Yes	PASS
			Center	6435	7	Yes	PASS
			Center	6435	8	Yes	PASS
			Center	6435	9	Yes	PASS
			Center	6435	10	Yes	PASS
		6535	Center	6535	1	Yes	PASS
			Center	6535	2	Yes	PASS
			Center	6535	3	Yes	PASS
			Center	6535	4	Yes	PASS
			Center	6535	5	Yes	PASS
			Center	6535	6	Yes	PASS
			Center	6535	7	Yes	PASS
			Center	6535	8	Yes	PASS
			Center	6535	9	Yes	PASS
			Center	6535	10	Yes	PASS
		6895	Center	6895	1	Yes	PASS
			Center	6895	2	Yes	PASS
			Center	6895	3	Yes	PASS
			Center	6895	4	Yes	PASS
			Center	6895	5	Yes	PASS
			Center	6895	6	Yes	PASS
			Center	6895	7	Yes	PASS
			Center	6895	8	Yes	PASS
			Center	6895	9	Yes	PASS
			Center	6895	10	Yes	PASS
		11AX160MIMO	Ant1	6185	Low	6110	1
Low	6110				2	Yes	PASS
Low	6110				3	Yes	PASS
Low	6110				4	Yes	PASS
Low	6110				5	Yes	PASS
Low	6110				6	Yes	PASS
Low	6110				7	Yes	PASS
Low	6110				8	Yes	PASS
Low	6110				9	Yes	PASS
Low	6110				10	Yes	PASS
Center	6185				1	Yes	PASS
Center	6185				2	Yes	PASS
Center	6185				3	Yes	PASS
Center	6185				4	Yes	PASS
Center	6185				5	Yes	PASS
Center	6185				6	Yes	PASS
Center	6185				7	Yes	PASS
Center	6185				8	Yes	PASS
Center	6185				9	Yes	PASS
Center	6185				10	Yes	PASS
High	6260				1	Yes	PASS
High	6260				2	Yes	PASS
High	6260				3	Yes	PASS
High	6260				4	Yes	PASS
High	6260				5	Yes	PASS
High	6260				6	Yes	PASS

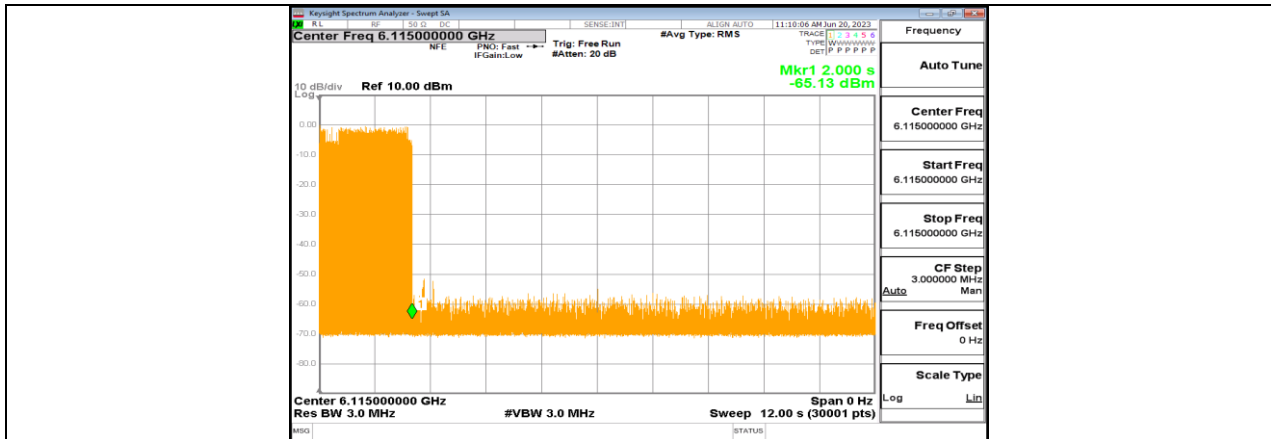
			High	6260	7	Yes	PASS	
			High	6260	8	Yes	PASS	
			High	6260	9	Yes	PASS	
			High	6260	10	Yes	PASS	
		6505	Low	6430	1	Yes	PASS	
			Low	6430	2	Yes	PASS	
			Low	6430	3	Yes	PASS	
			Low	6430	4	Yes	PASS	
			Low	6430	5	Yes	PASS	
			Low	6430	6	Yes	PASS	
			Low	6430	7	Yes	PASS	
			Low	6430	8	Yes	PASS	
			Low	6430	9	Yes	PASS	
			Low	6430	10	Yes	PASS	
			Center	6505	1	Yes	PASS	
			Center	6505	2	Yes	PASS	
			Center	6505	3	Yes	PASS	
			Center	6505	4	Yes	PASS	
			Center	6505	5	Yes	PASS	
			Center	6505	6	Yes	PASS	
			Center	6505	7	Yes	PASS	
			Center	6505	8	Yes	PASS	
			Center	6505	9	Yes	PASS	
			Center	6505	10	Yes	PASS	
		6580	High	6580	1	Yes	PASS	
			High	6580	2	Yes	PASS	
			High	6580	3	Yes	PASS	
			High	6580	4	Yes	PASS	
			High	6580	5	Yes	PASS	
			High	6580	6	Yes	PASS	
			High	6580	7	Yes	PASS	
			High	6580	8	Yes	PASS	
			High	6580	9	Yes	PASS	
			High	6580	10	Yes	PASS	
			6590	Low	6590	1	Yes	PASS
				Low	6590	2	Yes	PASS
				Low	6590	3	Yes	PASS
				Low	6590	4	Yes	PASS
				Low	6590	5	Yes	PASS
				Low	6590	6	Yes	PASS
				Low	6590	7	Yes	PASS
				Low	6590	8	Yes	PASS
				Low	6590	9	Yes	PASS
				Low	6590	10	Yes	PASS
		6665	Center	6665	1	Yes	PASS	
			Center	6665	2	Yes	PASS	
			Center	6665	3	Yes	PASS	
			Center	6665	4	Yes	PASS	
			Center	6665	5	Yes	PASS	
			Center	6665	6	Yes	PASS	
			Center	6665	7	Yes	PASS	
			Center	6665	8	Yes	PASS	
			Center	6665	9	Yes	PASS	
			Center	6665	10	Yes	PASS	
		6740	High	6740	1	Yes	PASS	
			High	6740	2	Yes	PASS	
			High	6740	3	Yes	PASS	
			High	6740	4	Yes	PASS	
			High	6740	5	Yes	PASS	
			High	6740	6	Yes	PASS	
			High	6740	7	Yes	PASS	

			High	6740	8	Yes	PASS
			High	6740	9	Yes	PASS
			High	6740	10	Yes	PASS
		6985	Low	6910	1	Yes	PASS
			Low	6910	2	Yes	PASS
			Low	6910	3	Yes	PASS
			Low	6910	4	Yes	PASS
			Low	6910	5	Yes	PASS
			Low	6910	6	Yes	PASS
			Low	6910	7	Yes	PASS
			Low	6910	8	Yes	PASS
			Low	6910	9	Yes	PASS
			Low	6910	10	Yes	PASS
			Center	6985	1	Yes	PASS
			Center	6985	2	Yes	PASS
			Center	6985	3	Yes	PASS
			Center	6985	4	Yes	PASS
			Center	6985	5	Yes	PASS
			Center	6985	6	Yes	PASS
			Center	6985	7	Yes	PASS
			Center	6985	8	Yes	PASS
			Center	6985	9	Yes	PASS
			Center	6985	10	Yes	PASS
			High	7060	1	Yes	PASS
			High	7060	2	Yes	PASS
			High	7060	3	Yes	PASS
			High	7060	4	Yes	PASS
			High	7060	5	Yes	PASS
			High	7060	6	Yes	PASS
			High	7060	7	Yes	PASS
			High	7060	8	Yes	PASS
			High	7060	9	Yes	PASS
			High	7060	10	Yes	PASS

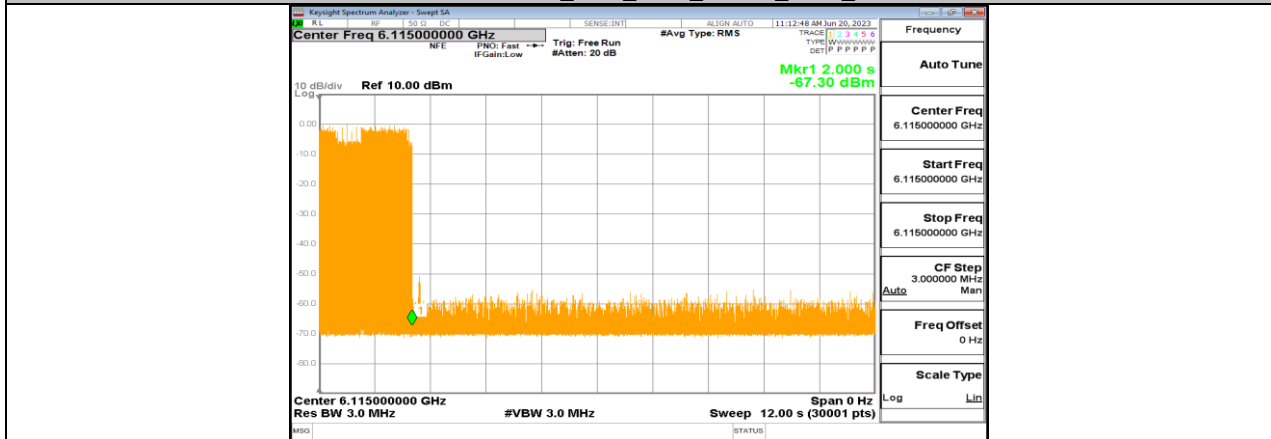
### 11.7.4. Test Graphs for Mesh



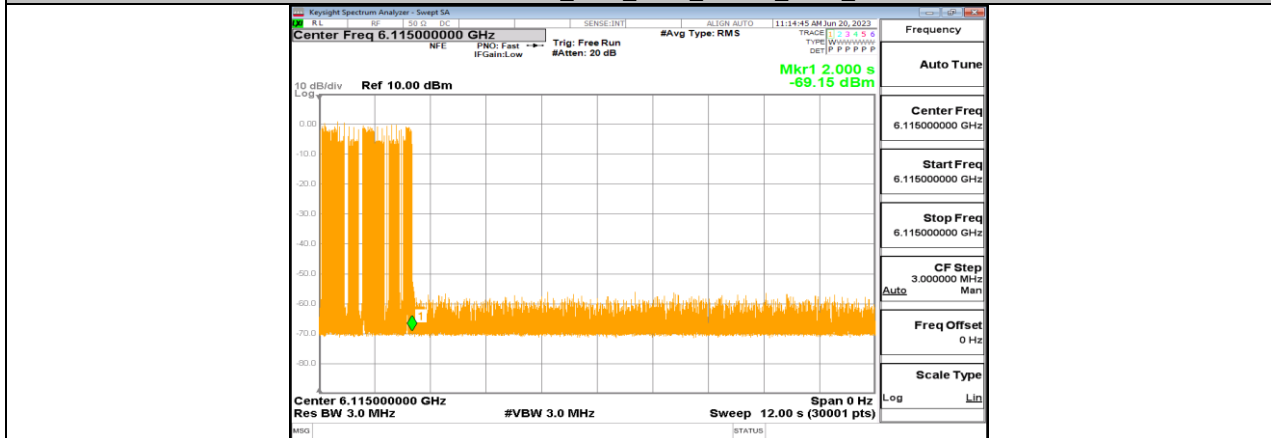




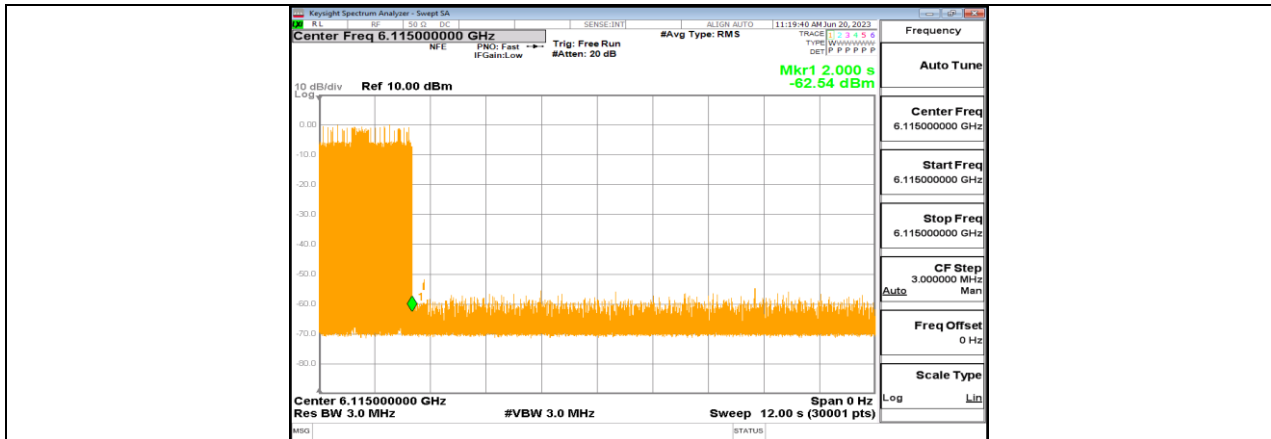
11AX20MIMO\_Ant1\_6115\_Center\_6115\_3



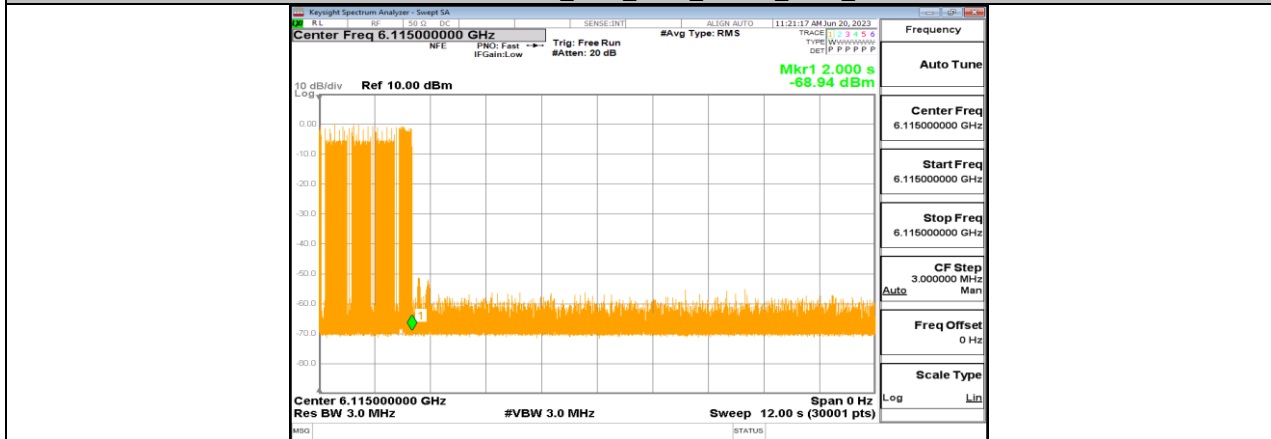
11AX20MIMO\_Ant1\_6115\_Center\_6115\_4



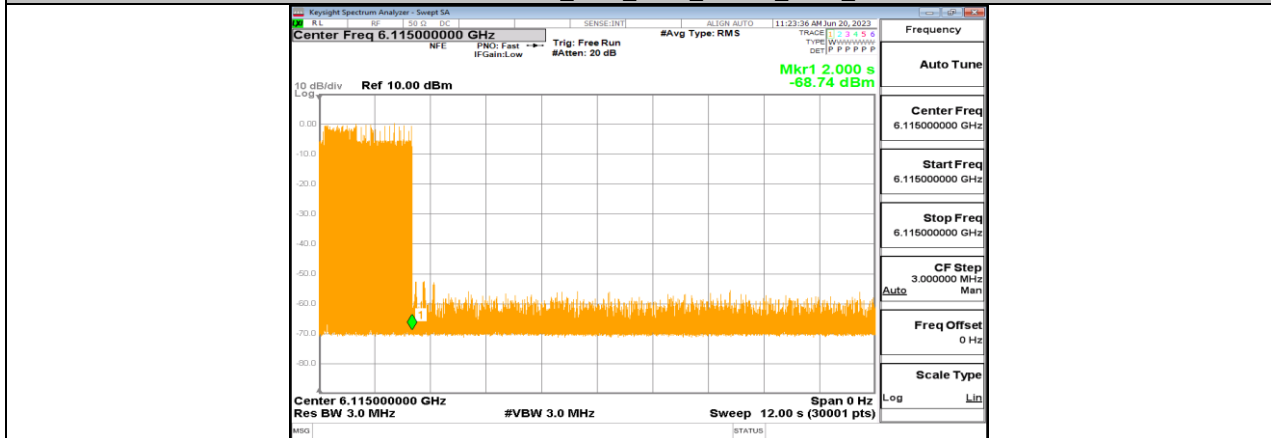
11AX20MIMO\_Ant1\_6115\_Center\_6115\_5



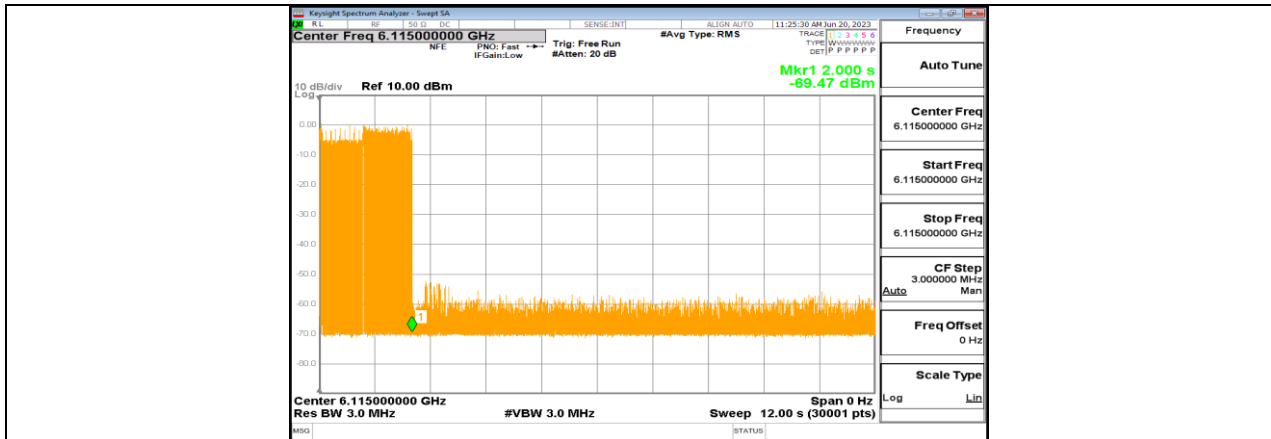
11AX20MIMO\_Ant1\_6115\_Center\_6115\_6



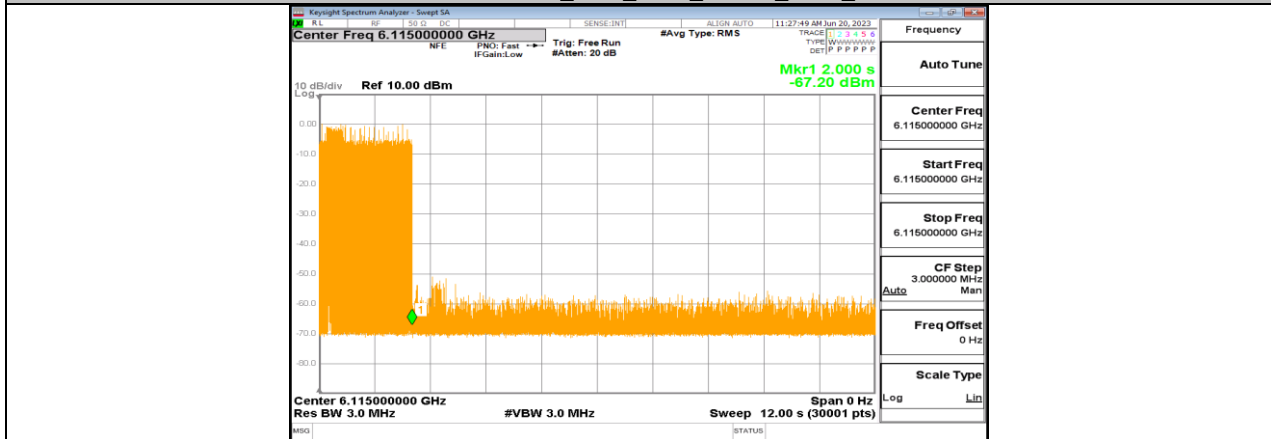
11AX20MIMO\_Ant1\_6115\_Center\_6115\_7



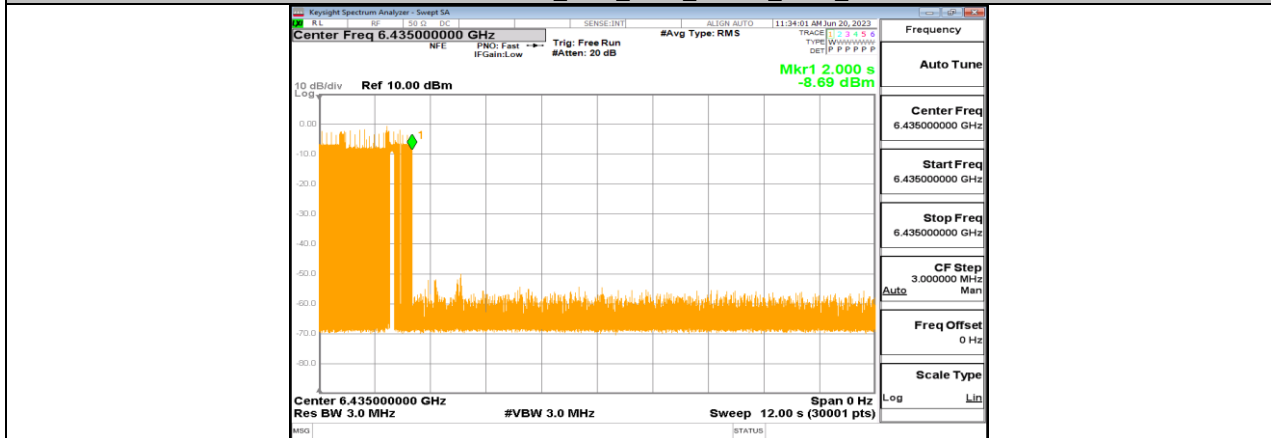
11AX20MIMO\_Ant1\_6115\_Center\_6115\_8



11AX20MIMO\_Ant1\_6115\_Center\_6115\_9

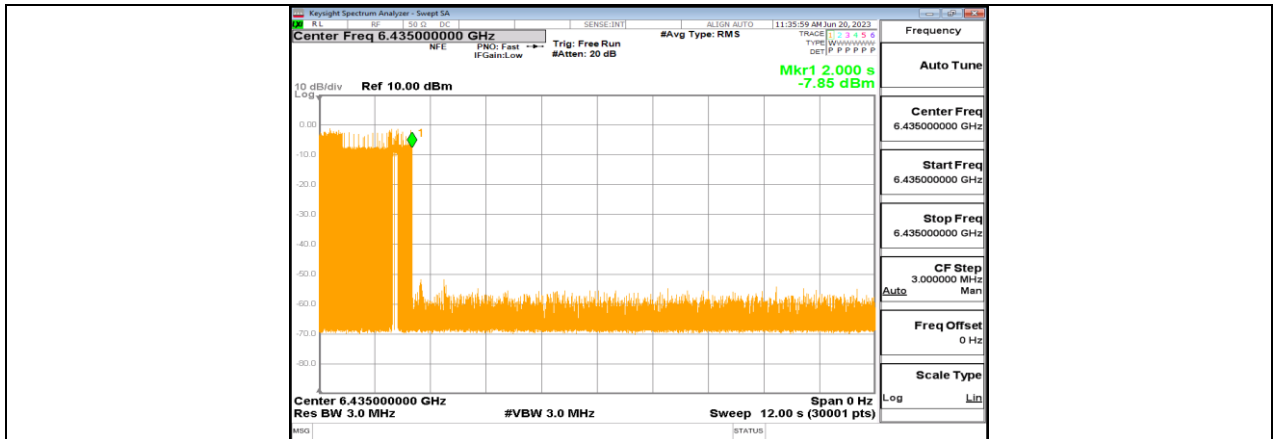


11AX20MIMO\_Ant1\_6115\_Center\_6115\_10

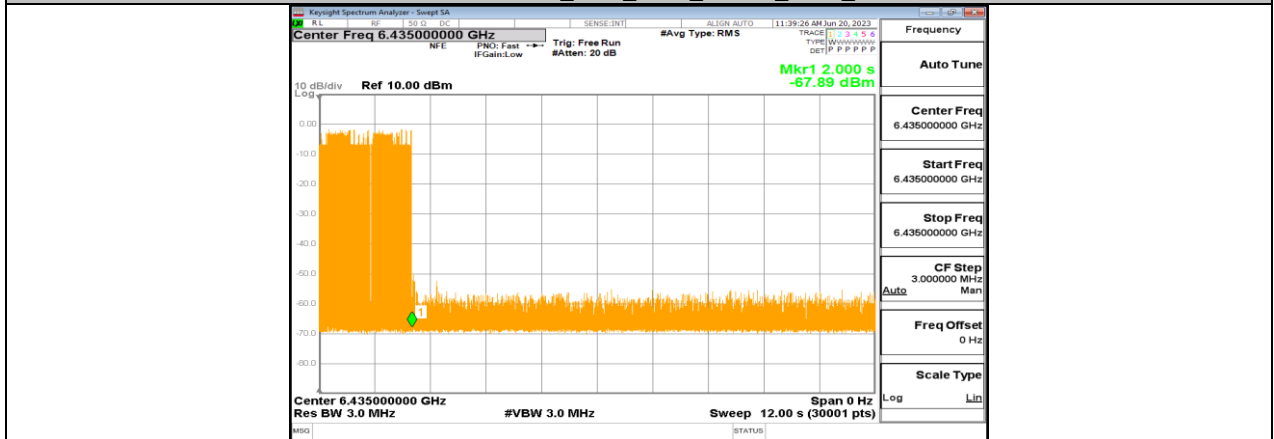


11AX20MIMO\_Ant1\_6435\_Center\_6435\_1

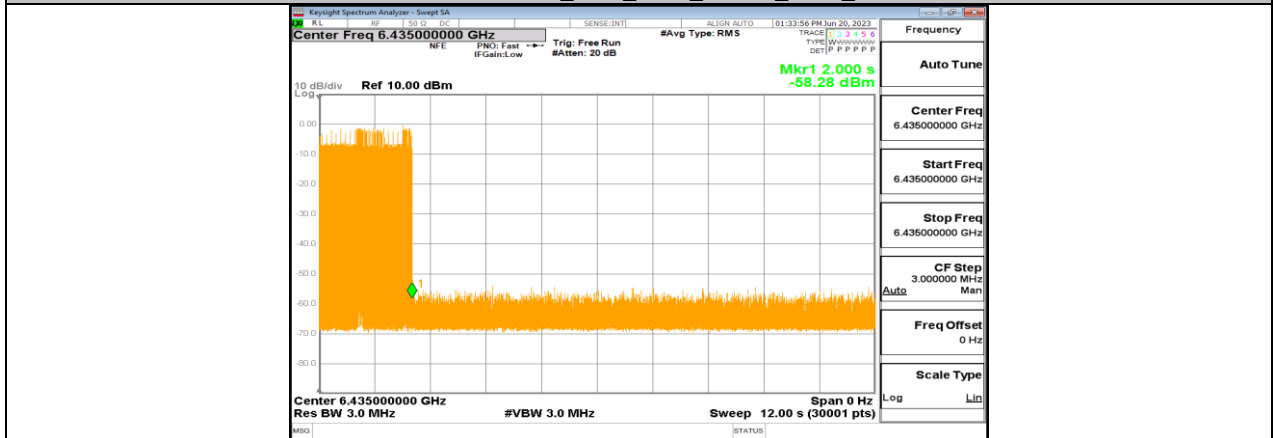




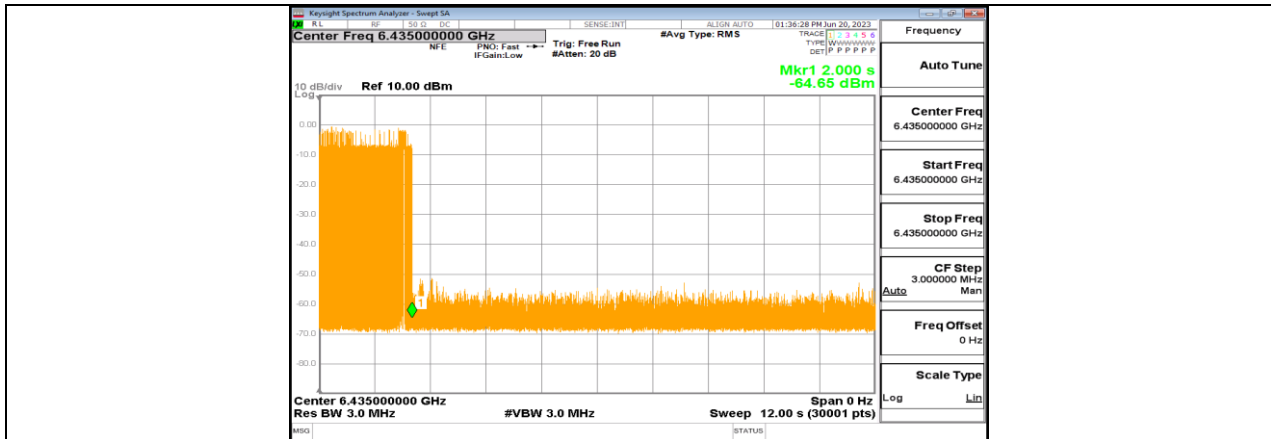
11AX20MIMO\_Ant1\_6435\_Center\_6435\_2



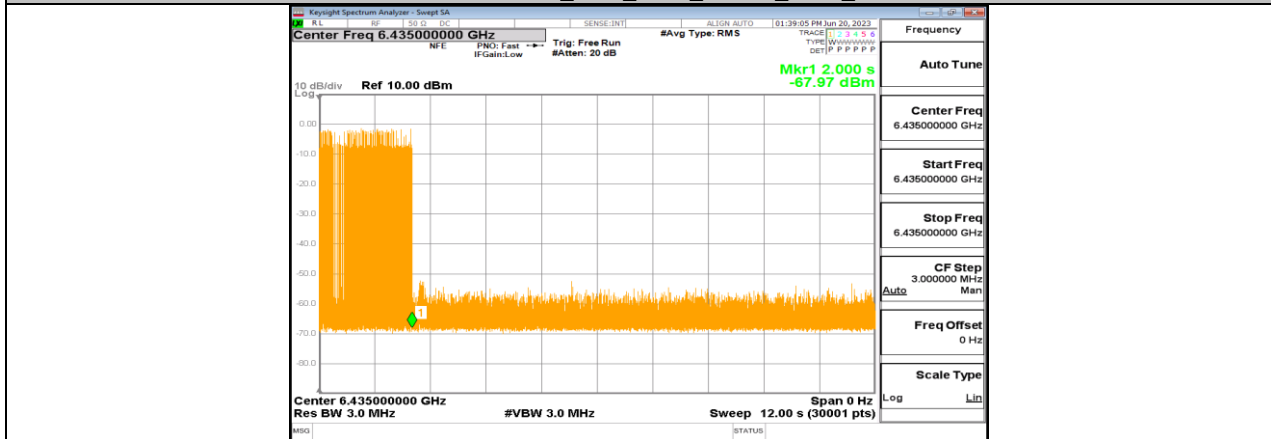
11AX20MIMO\_Ant1\_6435\_Center\_6435\_3



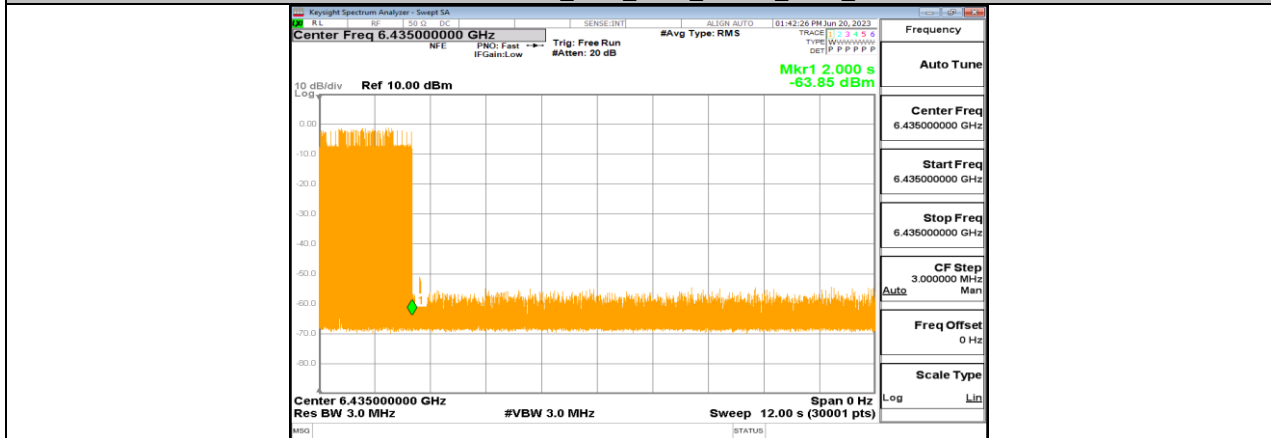
11AX20MIMO\_Ant1\_6435\_Center\_6435\_4



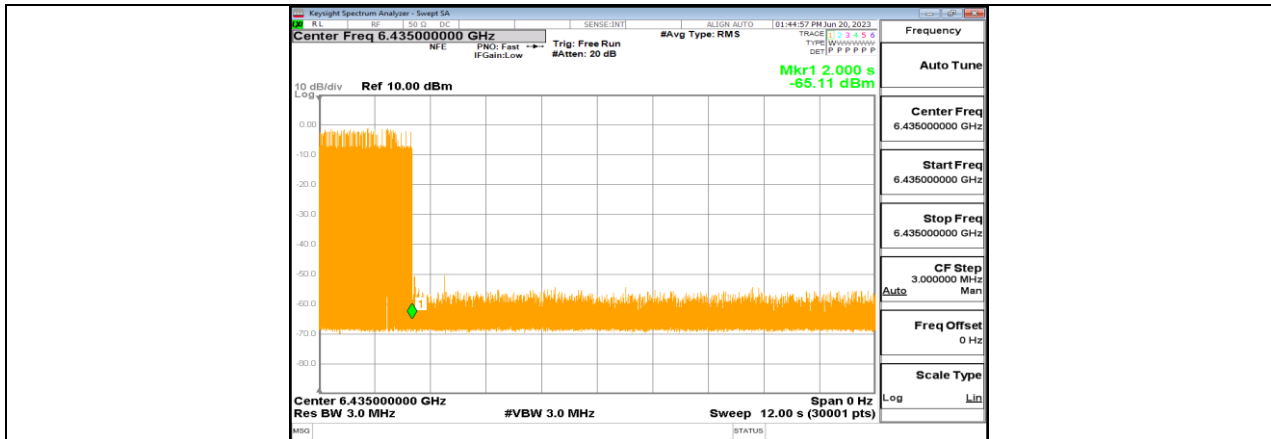
11AX20MIMO\_Ant1\_6435\_Center\_6435\_5



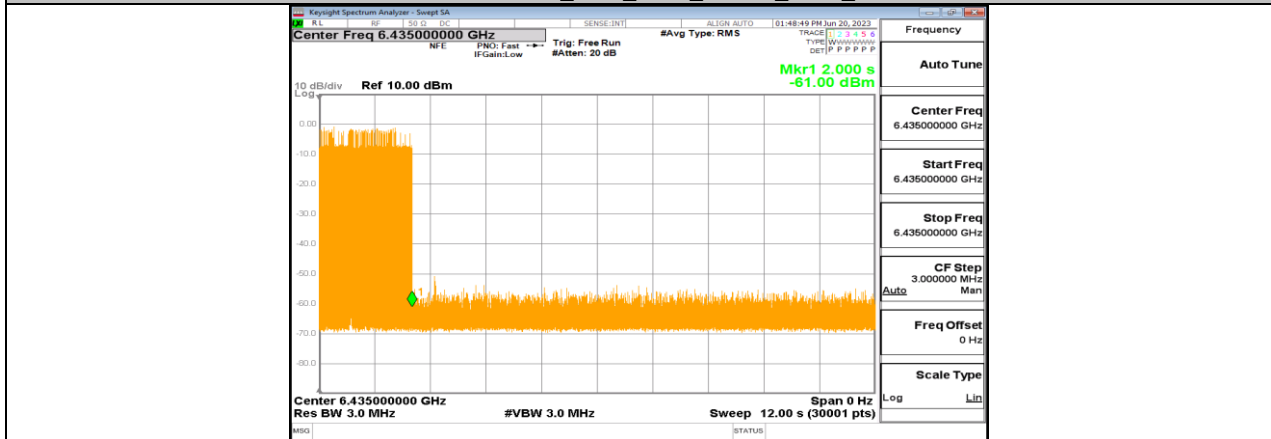
11AX20MIMO\_Ant1\_6435\_Center\_6435\_6



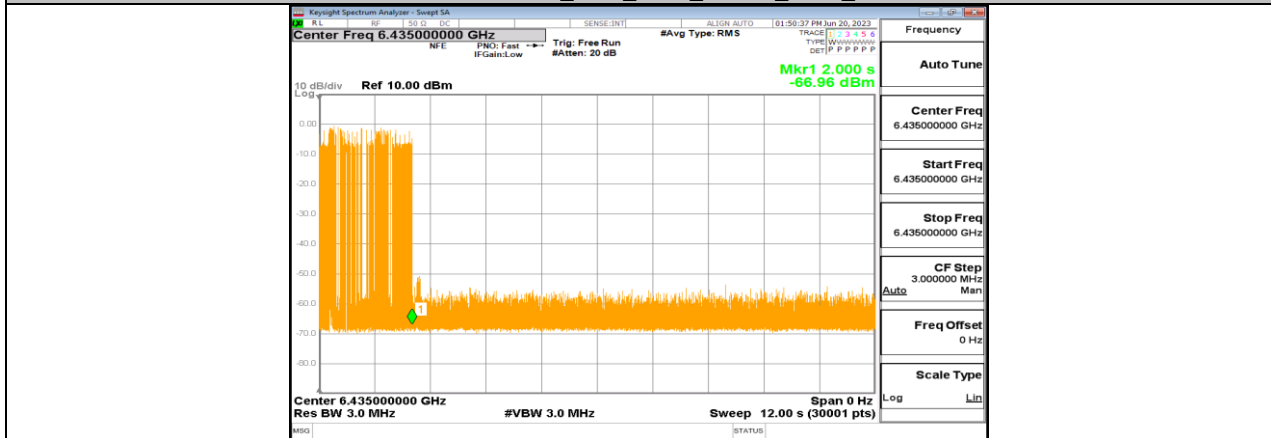
11AX20MIMO\_Ant1\_6435\_Center\_6435\_7



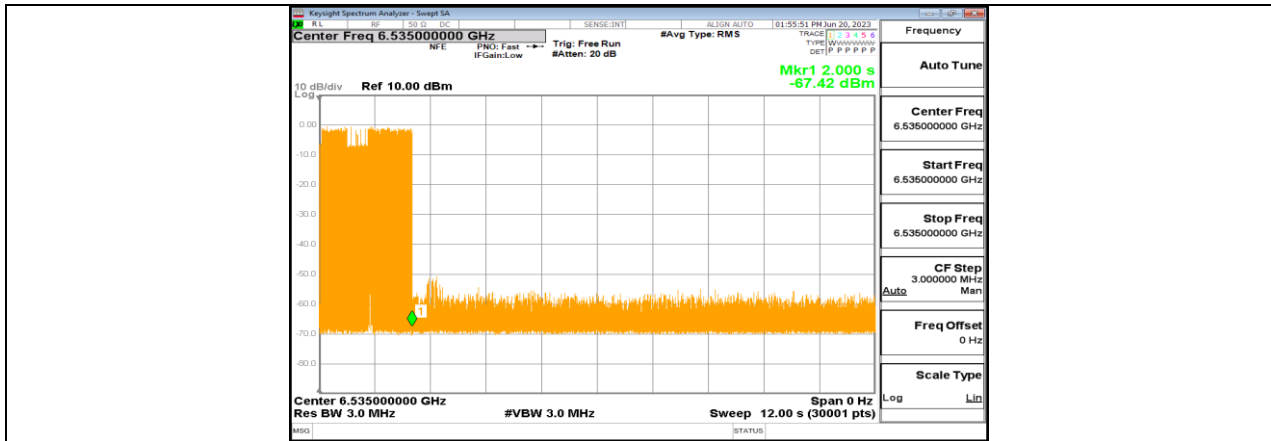
11AX20MIMO\_Ant1\_6435\_Center\_6435\_8



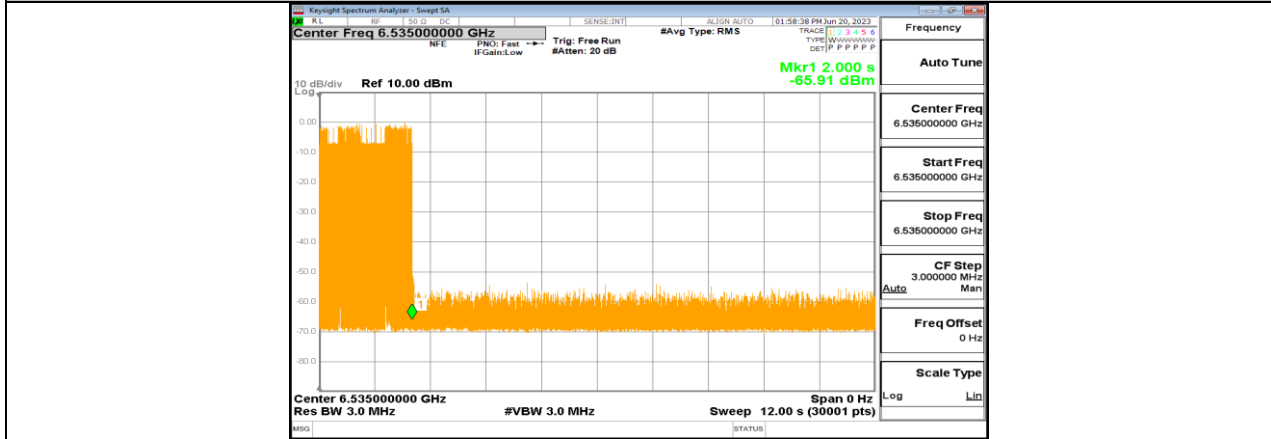
11AX20MIMO\_Ant1\_6435\_Center\_6435\_9



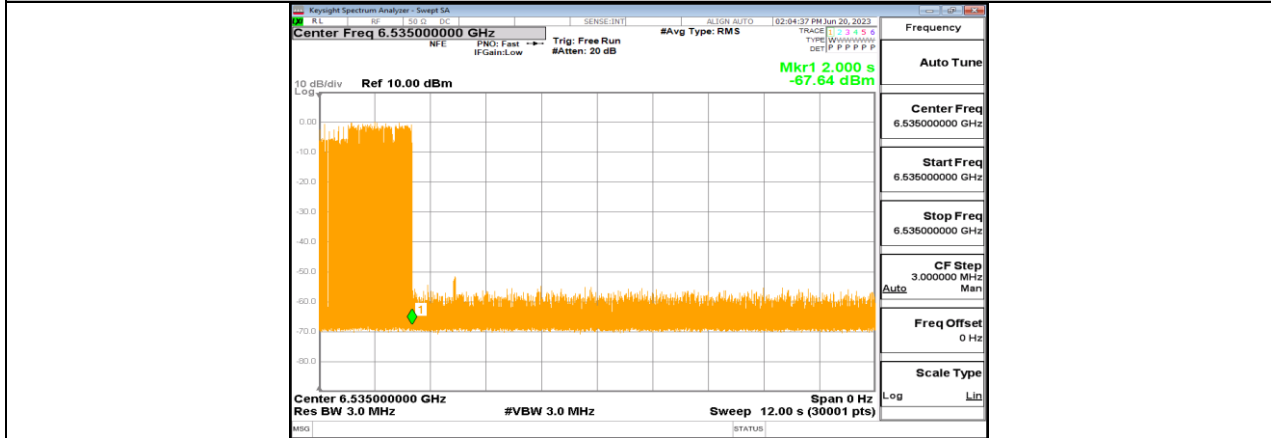
11AX20MIMO\_Ant1\_6435\_Center\_6435\_10



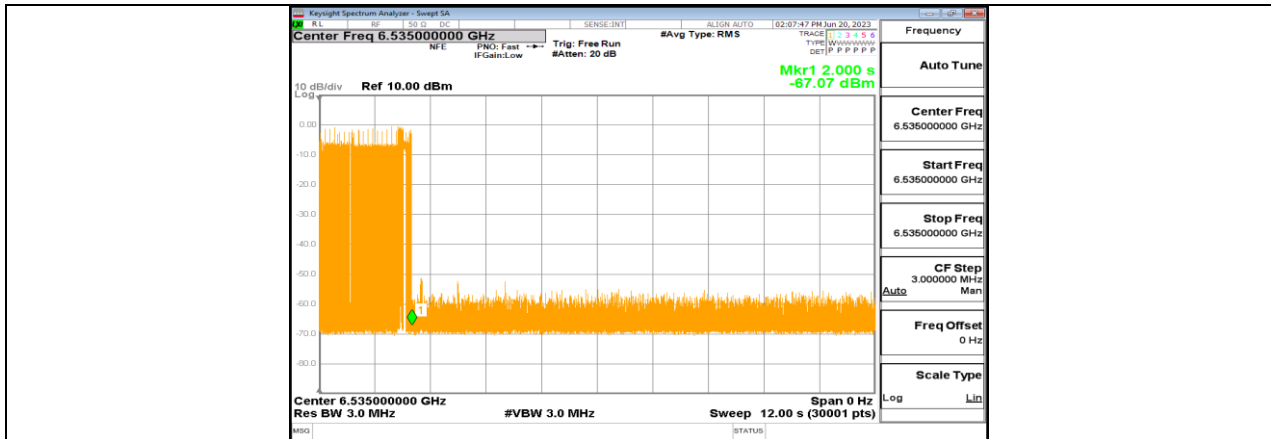
11AX20MIMO\_Ant1\_6535\_Center\_6535\_1



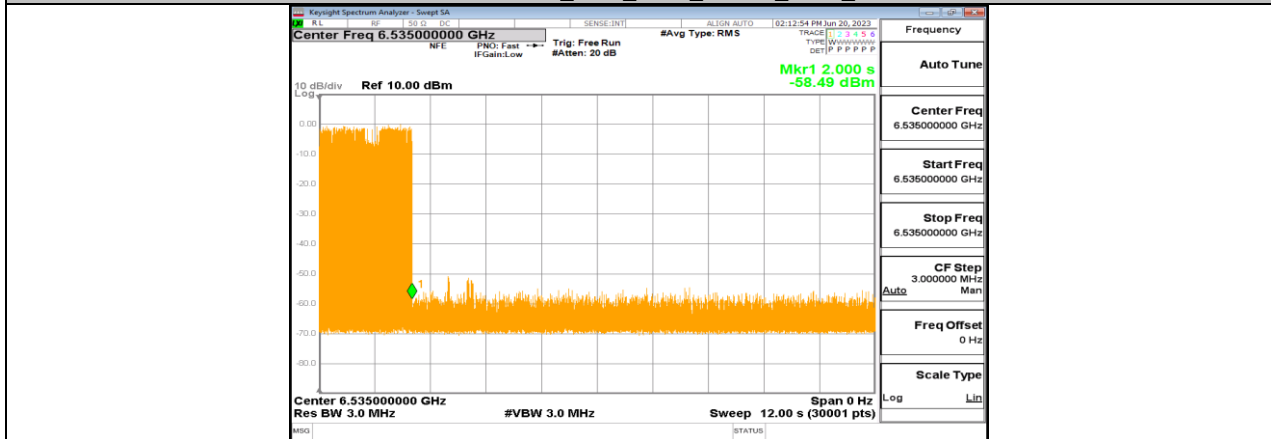
11AX20MIMO\_Ant1\_6535\_Center\_6535\_2



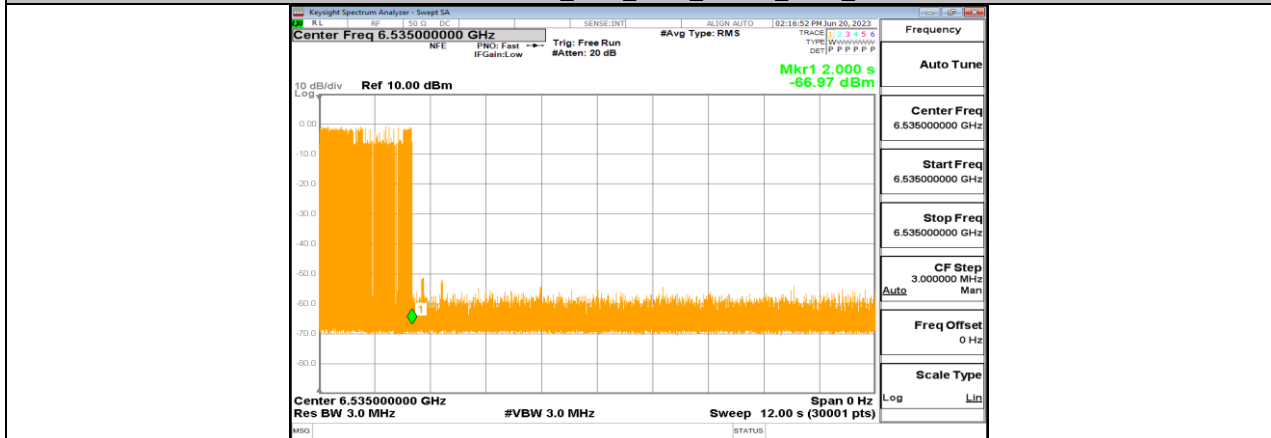
11AX20MIMO\_Ant1\_6535\_Center\_6535\_3



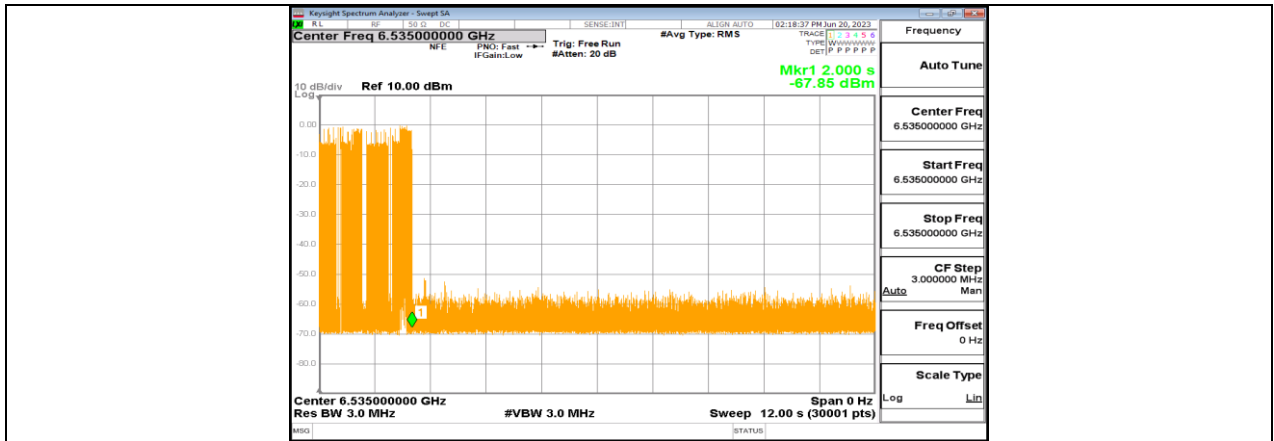
11AX20MIMO\_Ant1\_6535\_Center\_6535\_4



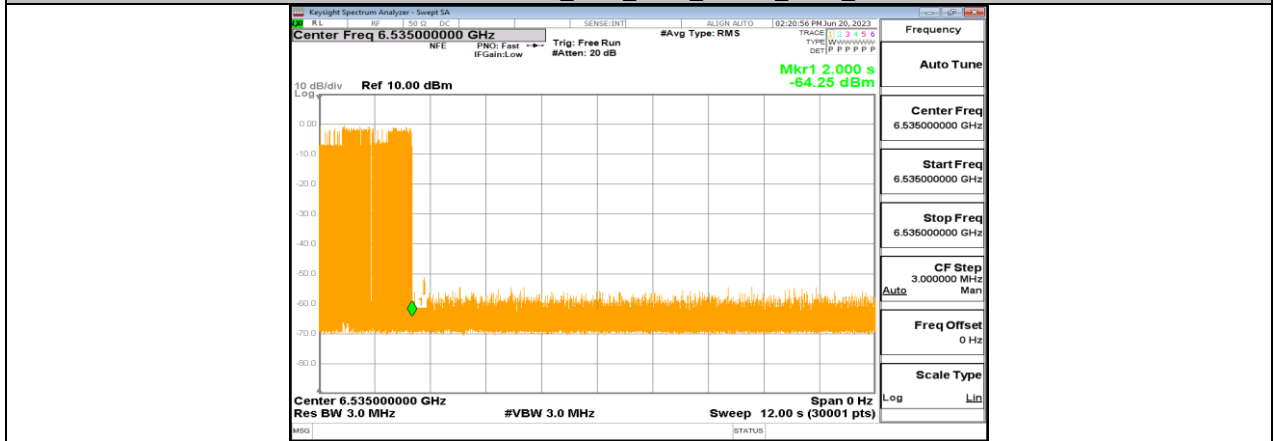
11AX20MIMO\_Ant1\_6535\_Center\_6535\_5



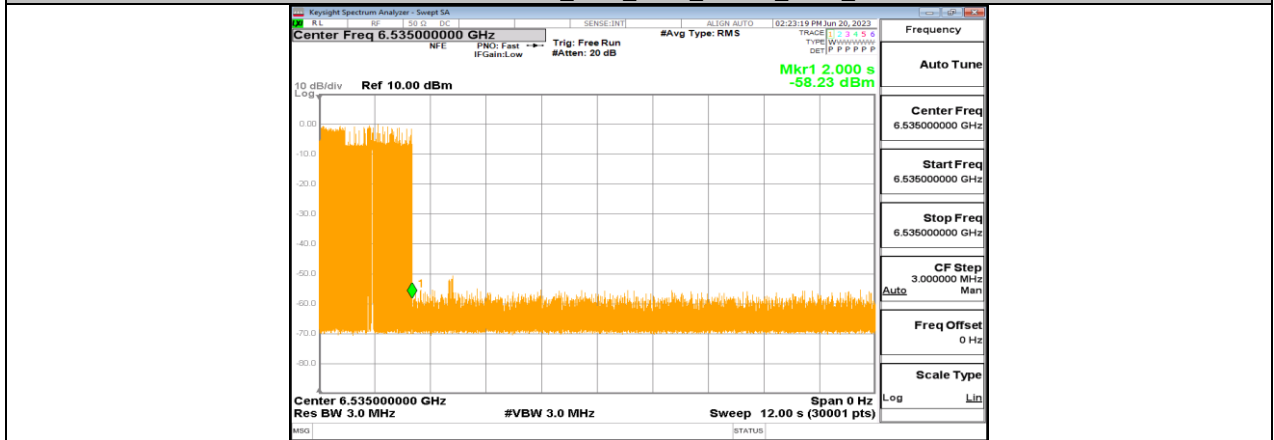
11AX20MIMO\_Ant1\_6535\_Center\_6535\_6



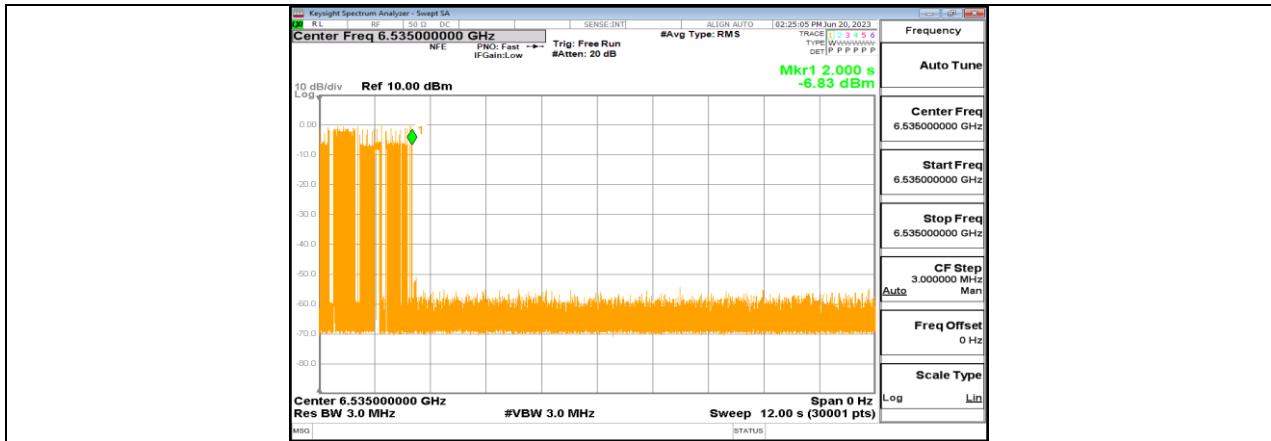
11AX20MIMO\_Ant1\_6535\_Center\_6535\_7



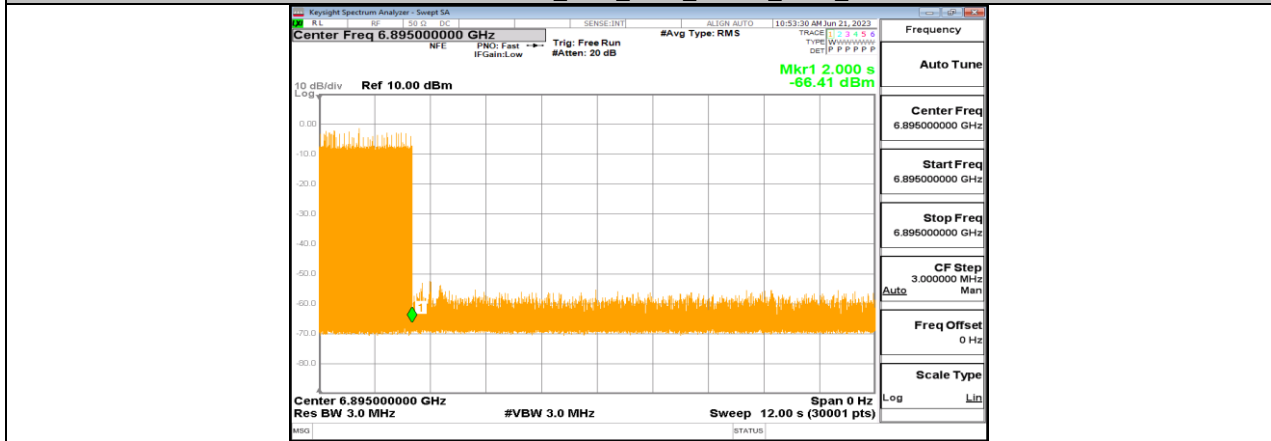
11AX20MIMO\_Ant1\_6535\_Center\_6535\_8



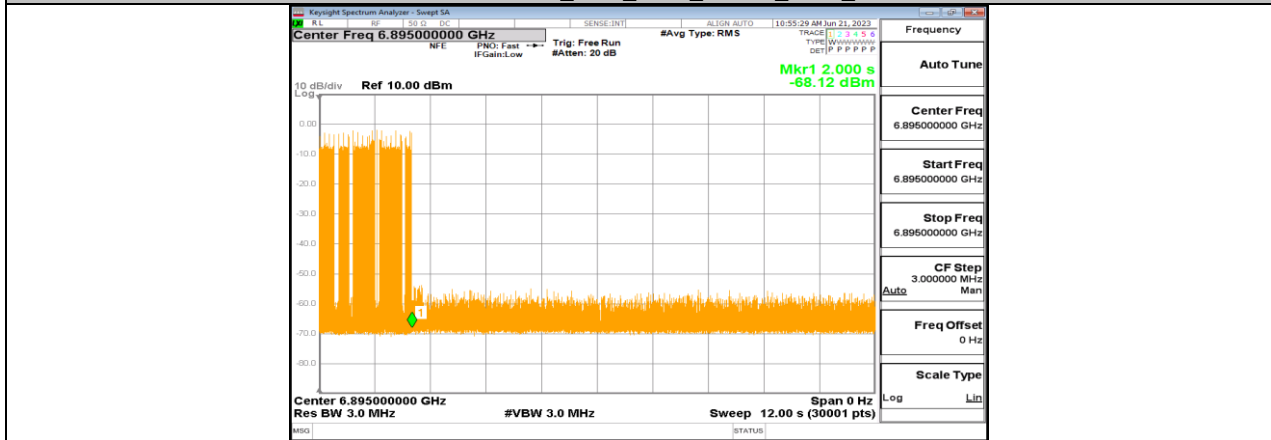
11AX20MIMO\_Ant1\_6535\_Center\_6535\_9



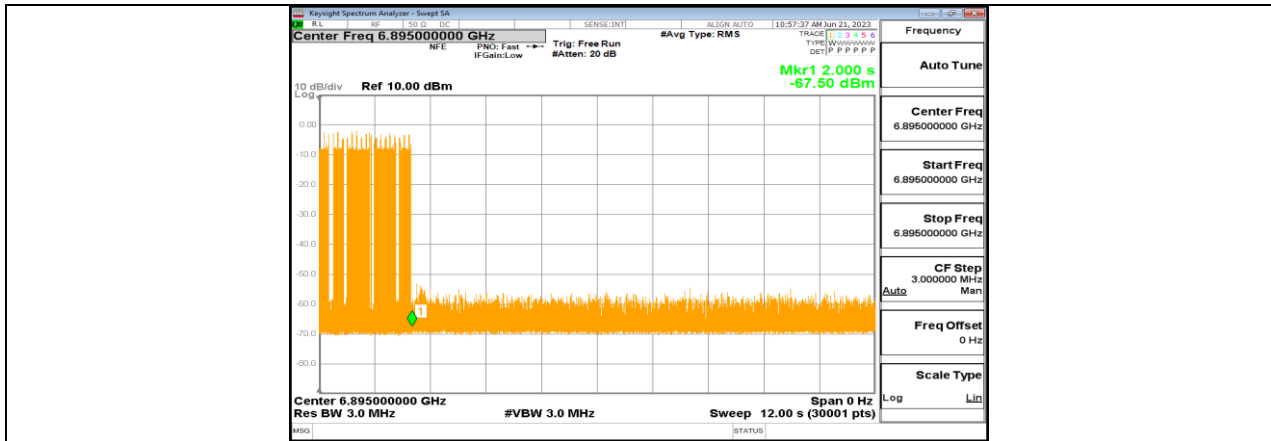
11AX20MIMO\_Ant1\_6535\_Center\_6535\_10



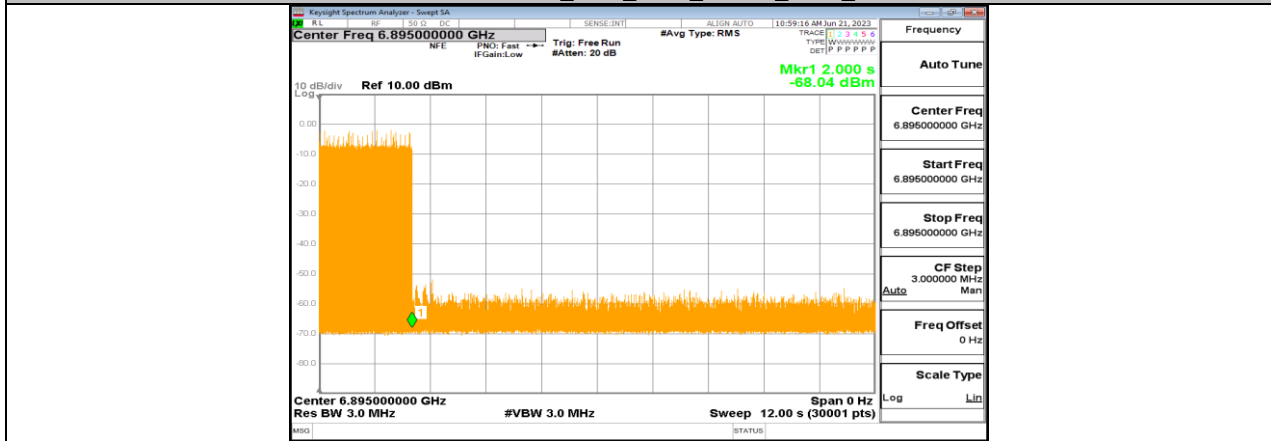
11AX20MIMO\_Ant1\_6895\_Center\_6895\_1



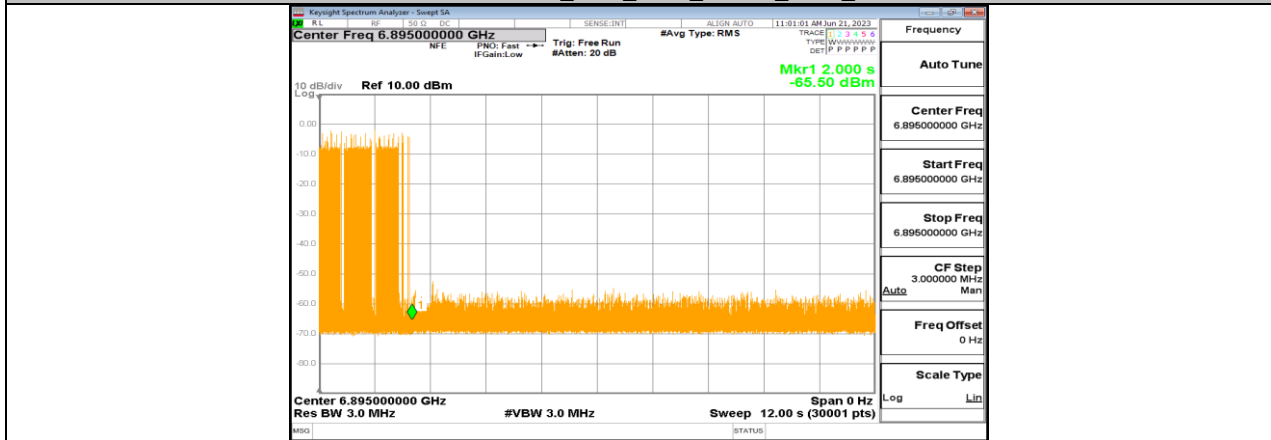
11AX20MIMO\_Ant1\_6895\_Center\_6895\_2



11AX20MIMO\_Ant1\_6895\_Center\_6895\_3

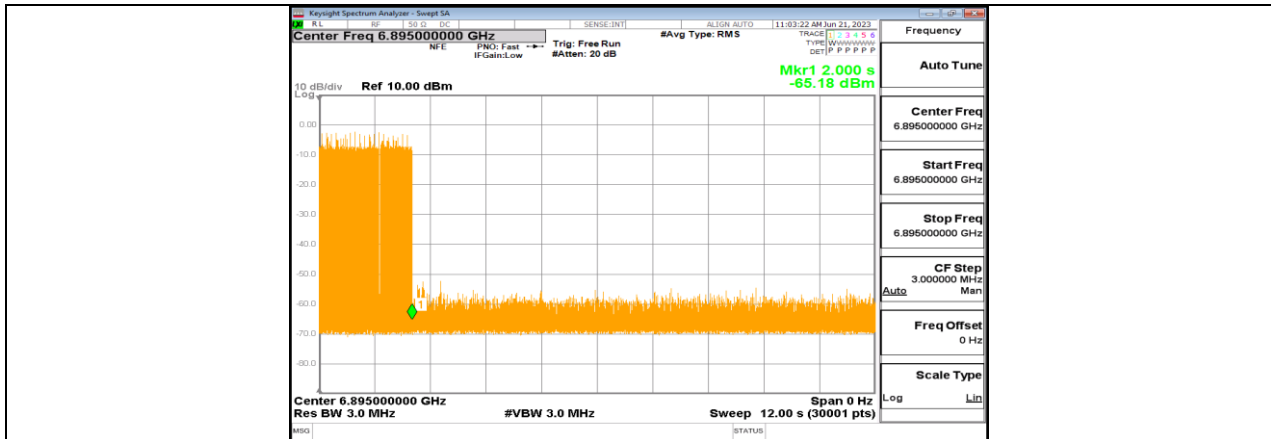


11AX20MIMO\_Ant1\_6895\_Center\_6895\_4

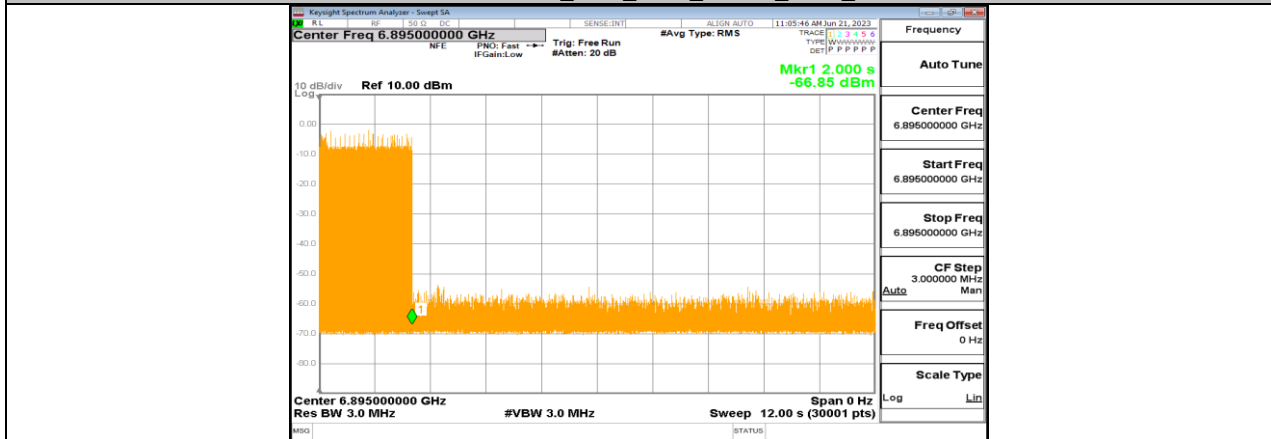


11AX20MIMO\_Ant1\_6895\_Center\_6895\_5

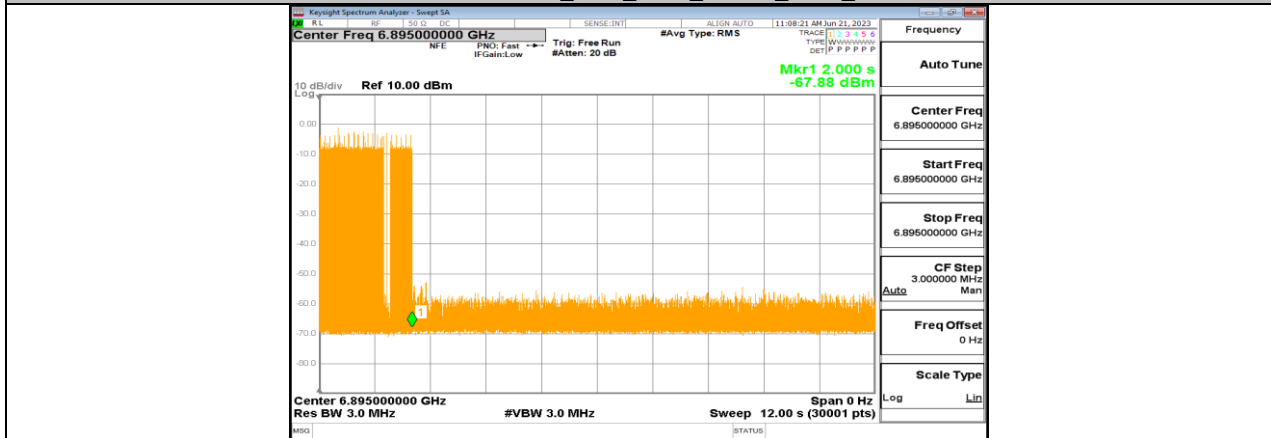




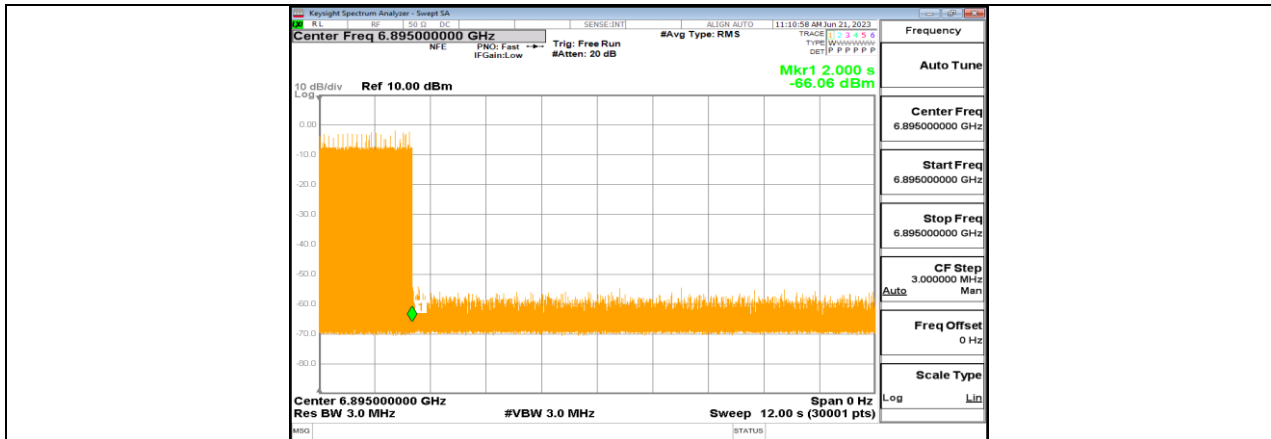
11AX20MIMO\_Ant1\_6895\_Center\_6895\_6



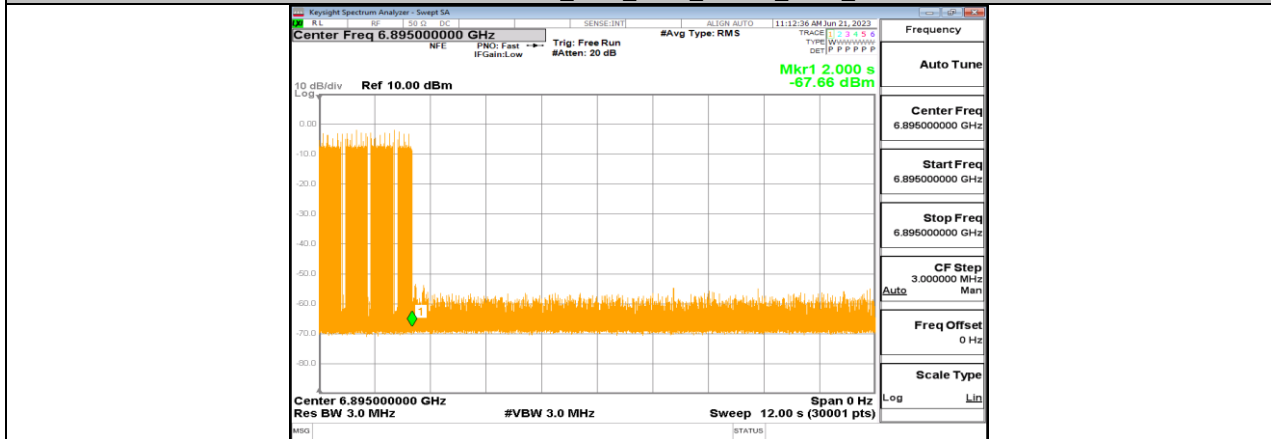
11AX20MIMO\_Ant1\_6895\_Center\_6895\_7



11AX20MIMO\_Ant1\_6895\_Center\_6895\_8



11AX20MIMO\_Ant1\_6895\_Center\_6895\_9



11AX20MIMO\_Ant1\_6895\_Center\_6895\_10

## 11.8. APPENDIX H: FREQUENCY STABILITY

### 11.8.1. Test Result

Frequency Error vs. Voltage									
802.11ax:6115MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	6114.9775	-3.68	6115.0011	0.18	6114.9786	-3.50	6115.0213	3.48
TN	VN	6115.0138	2.25	6115.0010	0.17	6114.9858	-2.32	6114.9951	-0.81
TN	VH	6115.0118	1.93	6114.9808	-3.13	6115.0034	0.55	6114.9857	-2.34

Frequency Error vs. Temperature									
802.11ax:6115MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
40	VN	6114.9865	-2.21	6115.0124	2.03	6115.0065	1.06	6114.9879	-1.98
30	VN	6115.0192	3.13	6115.0150	2.45	6114.9948	-0.86	6114.9774	-3.69
20	VN	6114.9833	-2.73	6115.0008	0.12	6115.0131	2.14	6114.9790	-3.44
10	VN	6114.9766	-3.83	6114.9882	-1.93	6115.0164	2.69	6114.9834	-2.71
0	VN	6115.0154	2.52	6115.0233	3.81	6115.0216	3.53	6115.0006	0.10

**Note:**

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.6 TEST ENVIRONMENT.

---

**END OF REPORT**