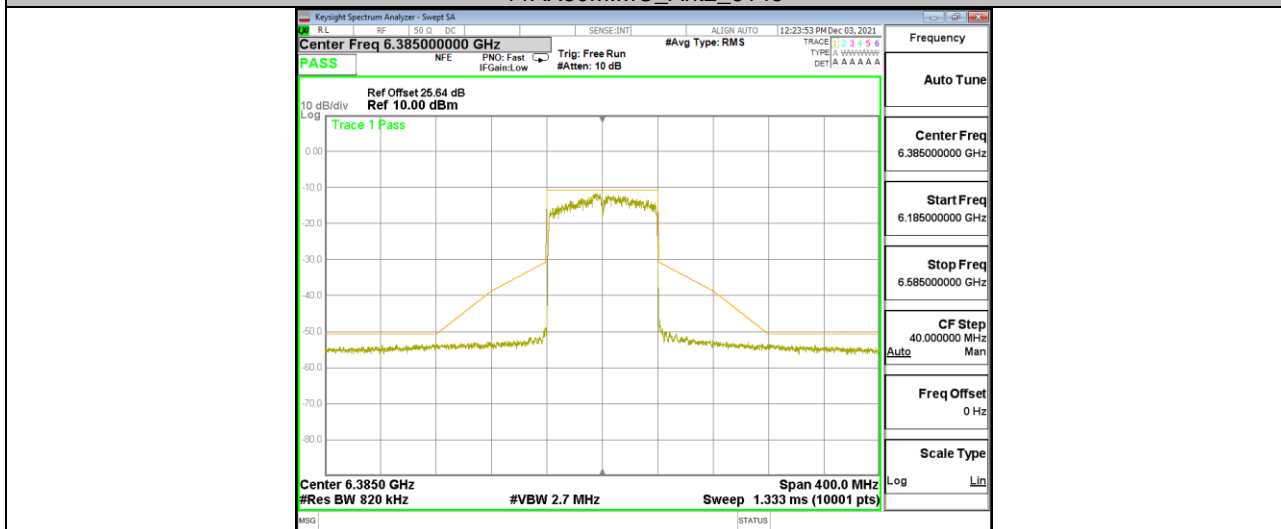
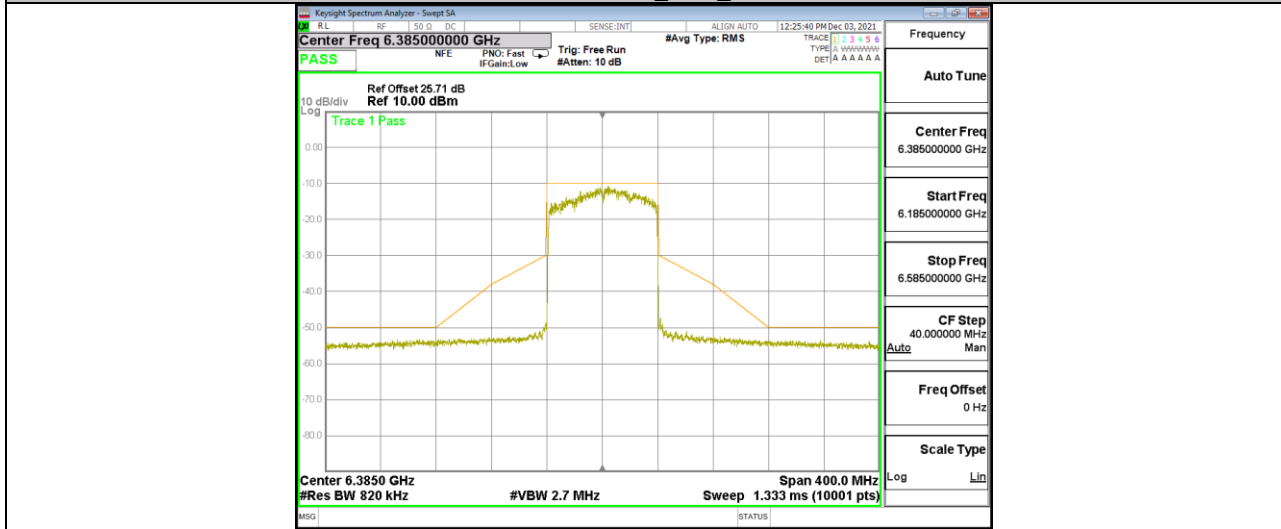


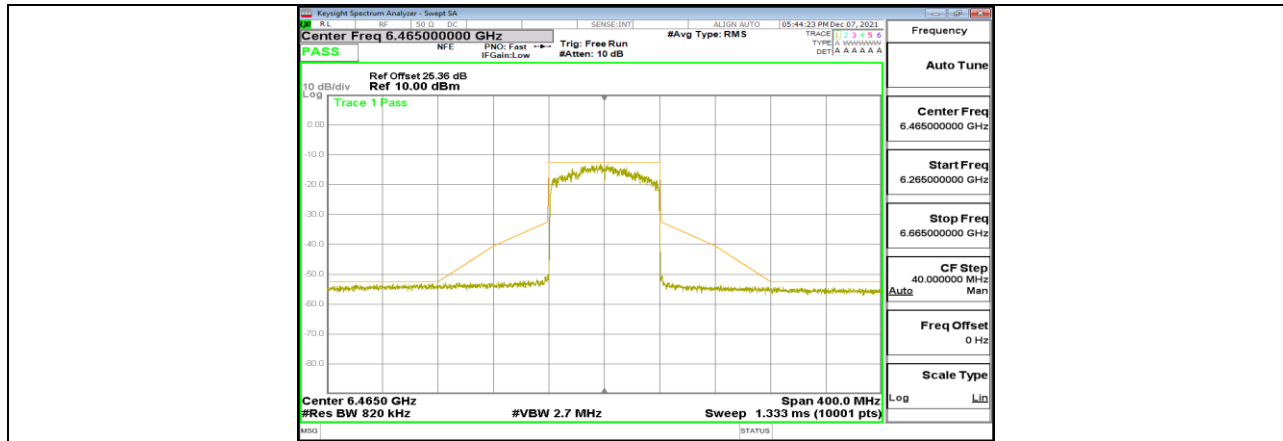
11AX80MIMO\_Ant2\_6145



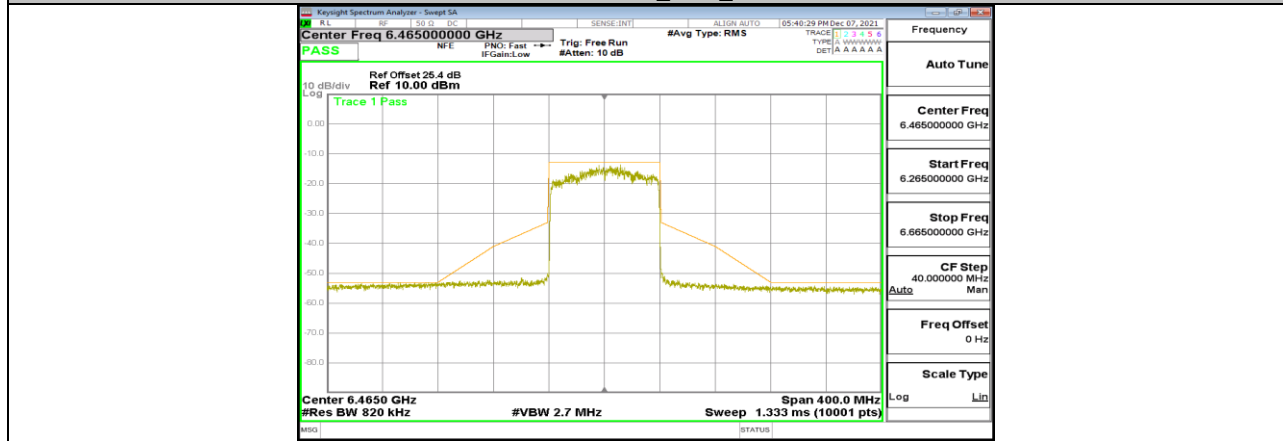
11AX80MIMO\_Ant1\_6385



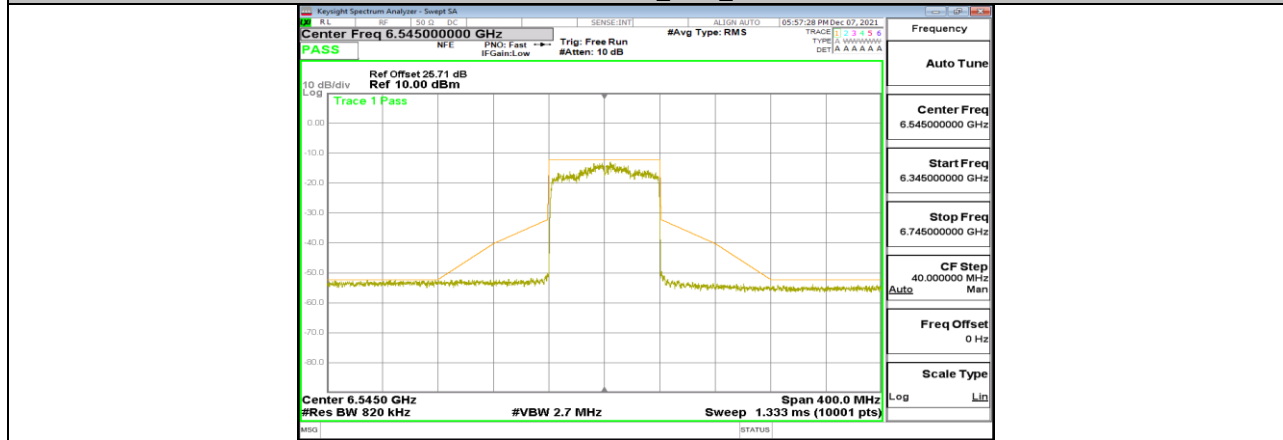
11AX80MIMO\_Ant2\_6385



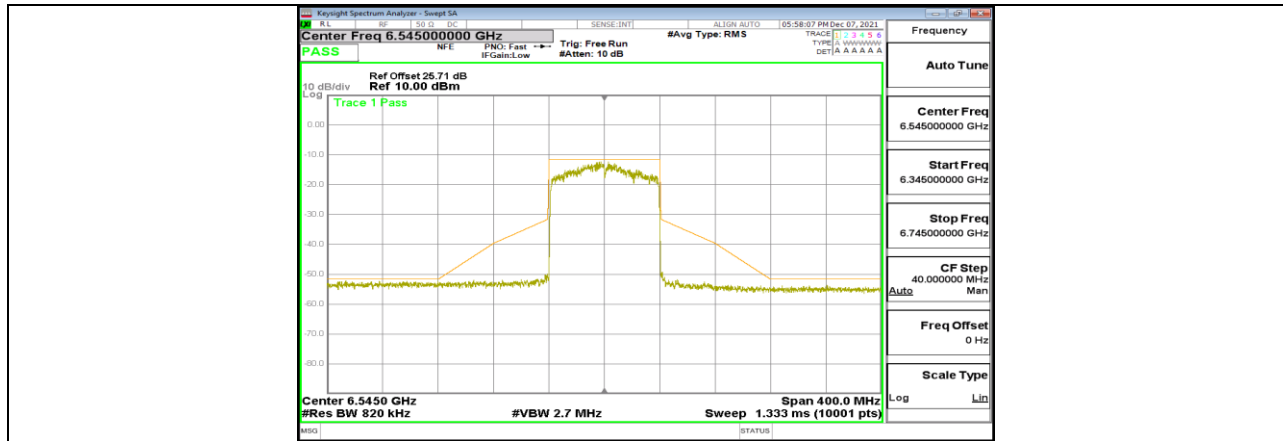
11AX80MIMO\_Ant1\_6465



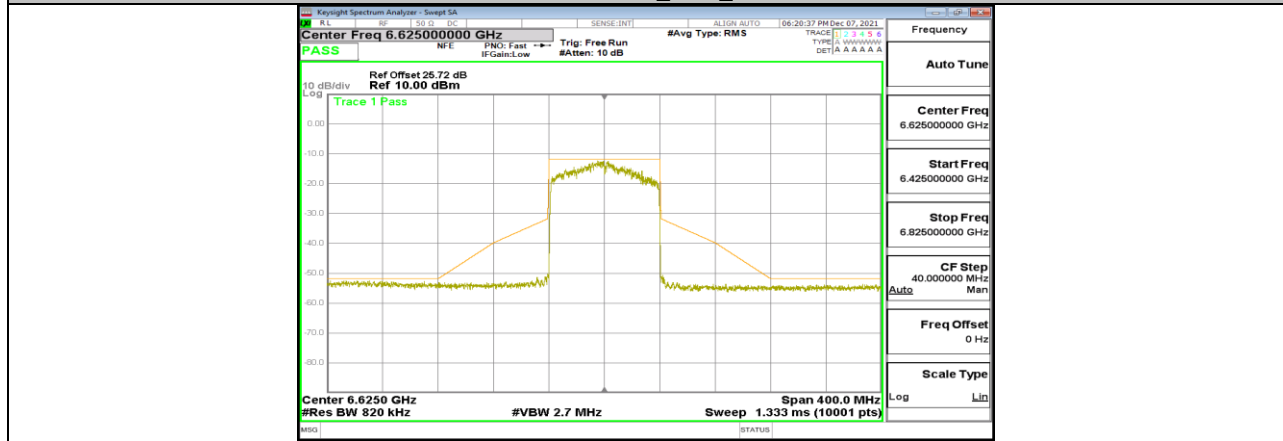
11AX80MIMO\_Ant2\_6465



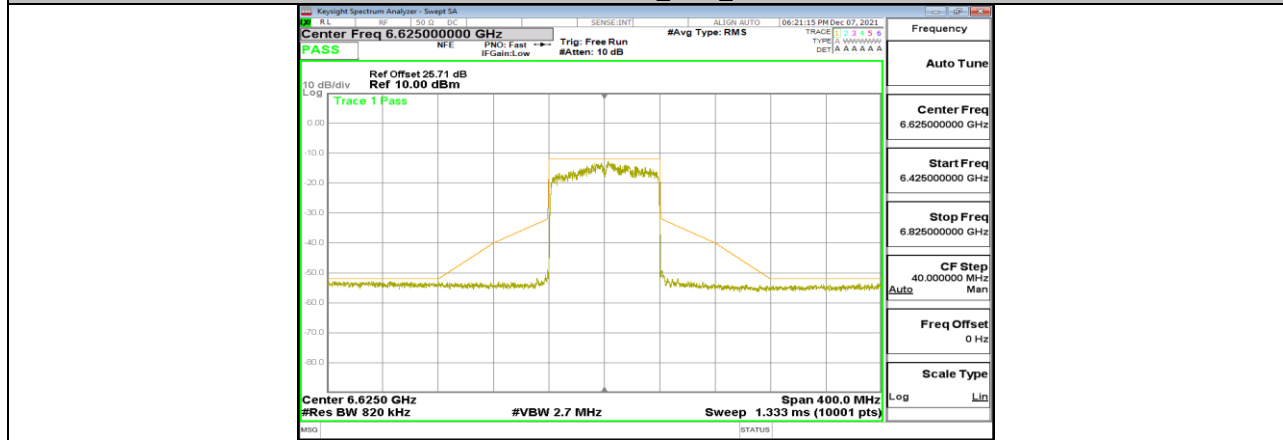
11AX80MIMO\_Ant1\_6545



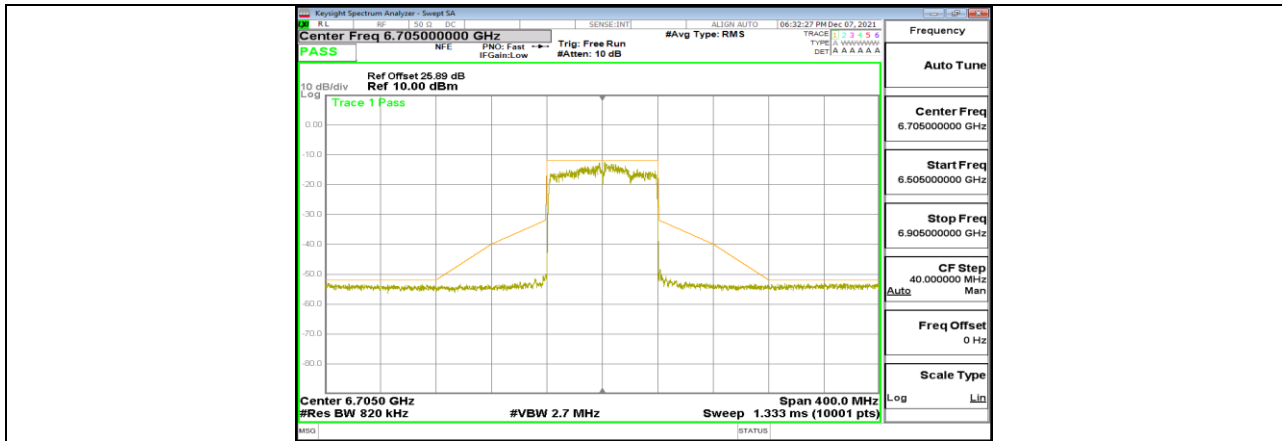
11AX80MIMO\_Ant2\_6545



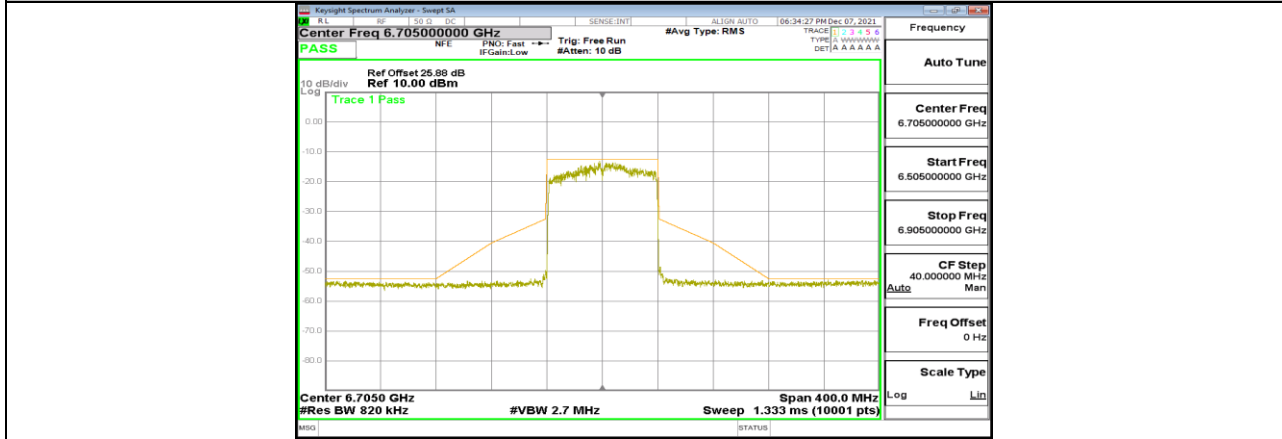
11AX80MIMO\_Ant1\_6625



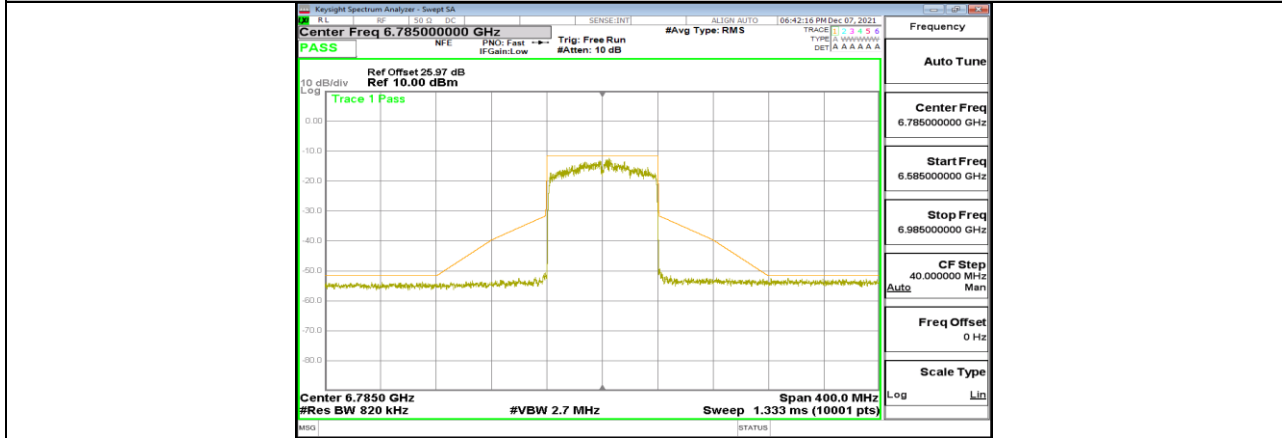
11AX80MIMO\_Ant2\_6625



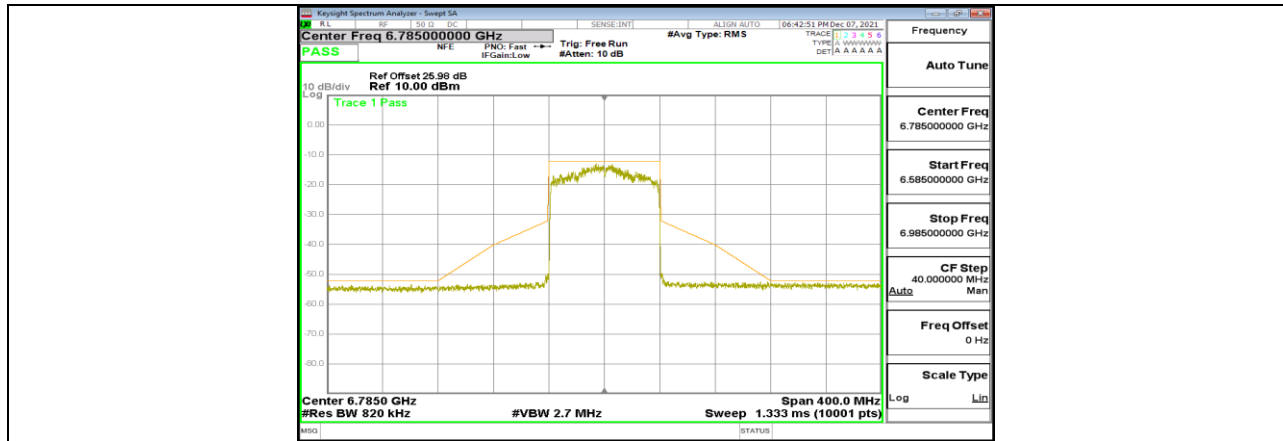
11AX80MIMO\_Ant1\_6705



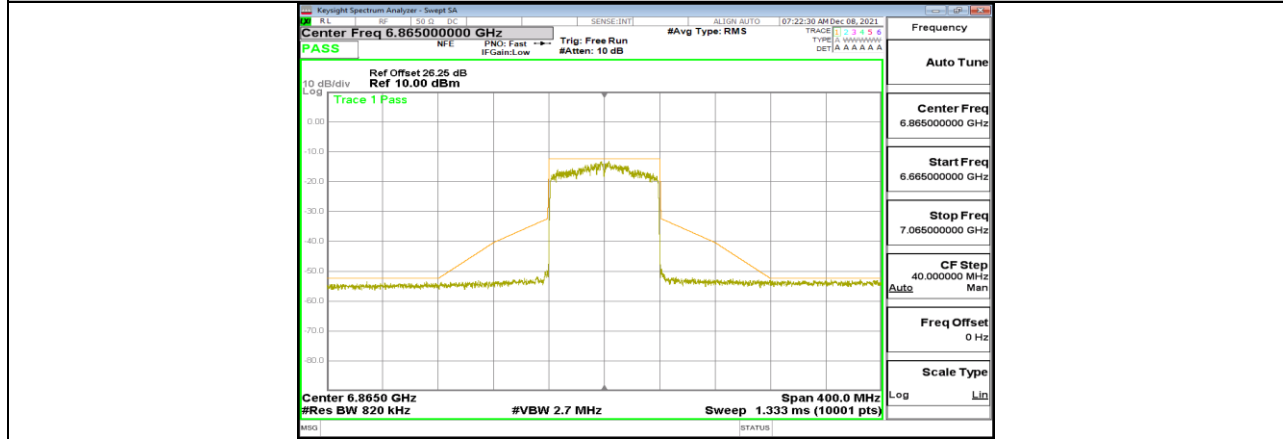
11AX80MIMO\_Ant2\_6705



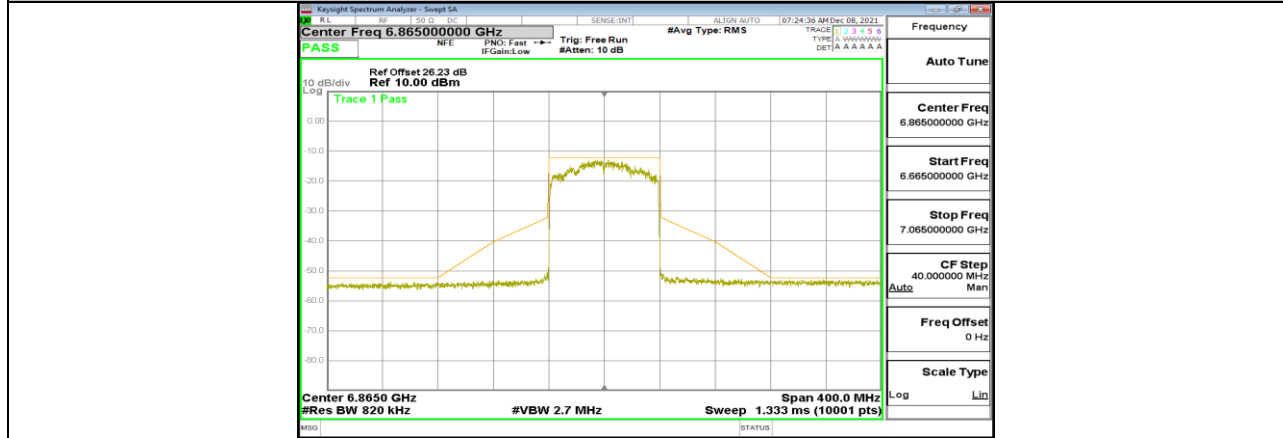
11AX80MIMO\_Ant1\_6785



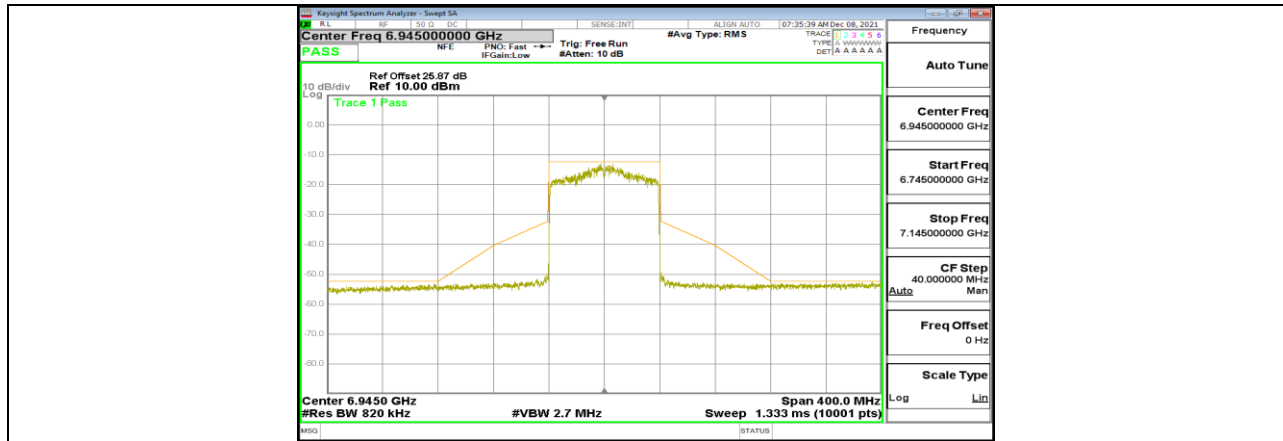
11AX80MIMO\_Ant2\_6785



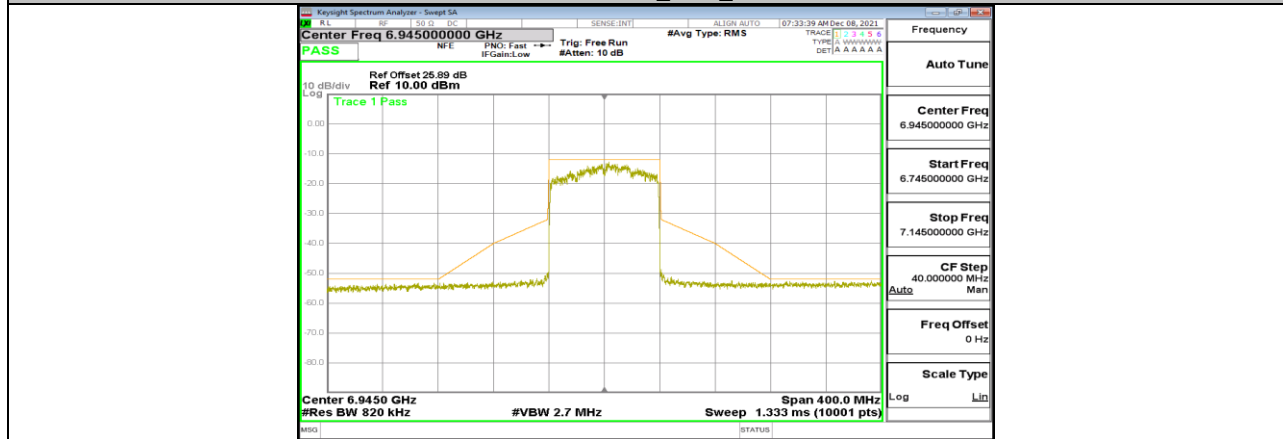
11AX80MIMO\_Ant1\_6865



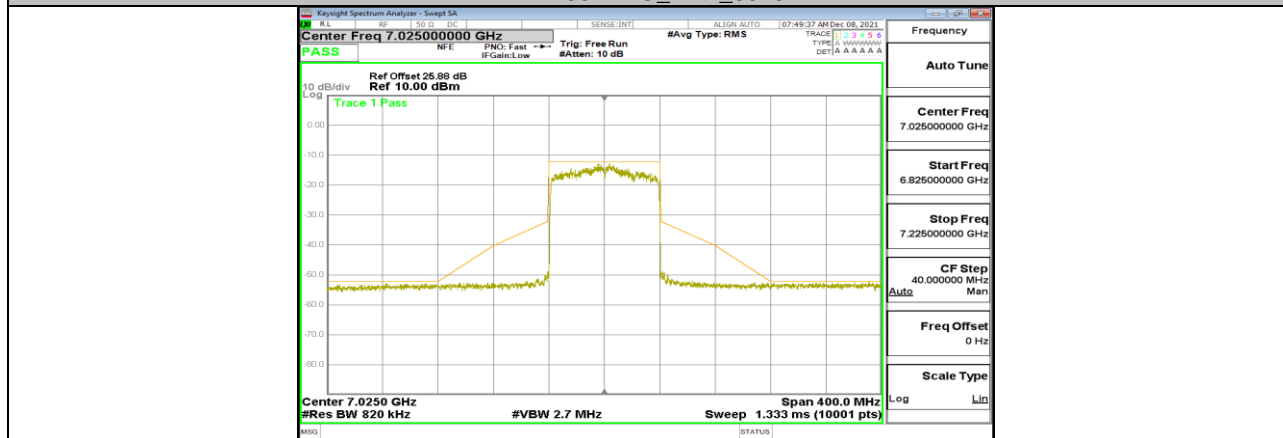
11AX80MIMO\_Ant2\_6865



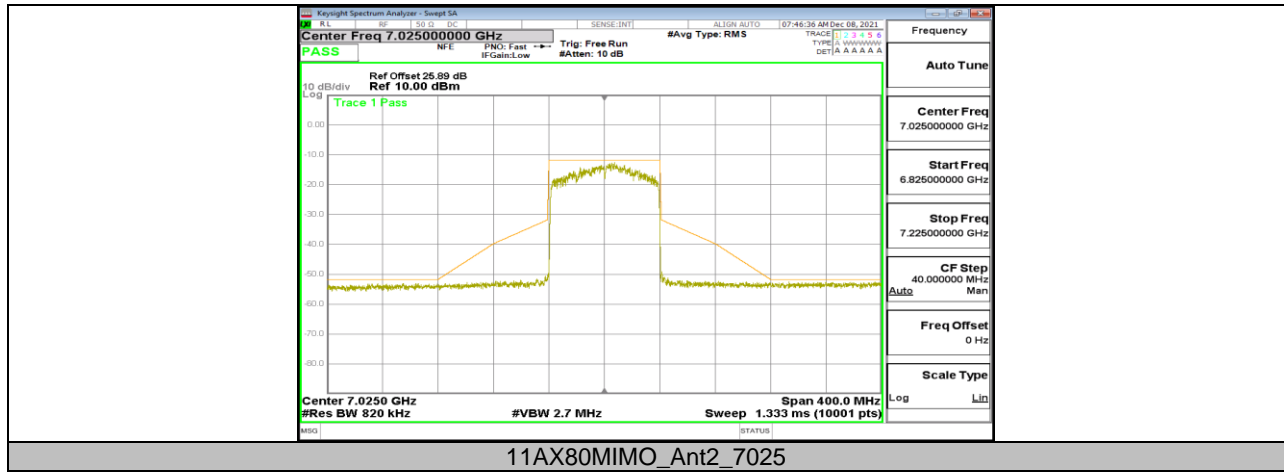
11AX80MIMO\_Ant1\_6945



11AX80MIMO\_Ant2\_6945



11AX80MIMO\_Ant1\_7025



Note: All the mode had been tested, but only the worst data was recorded in the report.



**12.8. Appendix I: Contention Based Protocol**

Test Mode	Antenna	Channel	Frequency [MHz]	Result [dBm]	Limit[dBm]	Verdict
11AX20MIMO	Ant1	6175	6175	-62.4508	-62	PASS
		6435	6435	-62.2474	-62	PASS
		6535	6535	-62.1161	-62	PASS
		7115	7115	-62.2027	-62	PASS

Test Mode	Antenna	Channel	Interference Frequency [MHz]		Test Number [n]	Number Detected [n]	Result [%]	Limit [%]	Verdict
11AX20MIMO	Ant1	6175	Center	6175	10	9	90	90	PASS
		6435	Center	6435	10	9	90	90	PASS
		6535	Center	6535	10	10	100	90	PASS
		7115	Center	7115	10	10	100	90	PASS

Test Mode	Antenna	Channel	Frequency[MHz]	Result [dBm]	Limit[dBm]	Verdict
11AX80MIMO	Ant1	6145	6110	-62.4933	-62	PASS
			6145	-62.4282	-62	PASS
			6180	-62.3919	-62	PASS
		6465	6430	-62.2827	-62	PASS
			6465	-62.4617	-62	PASS
			6500	-62.4362	-62	PASS
		6705	6670	-62.3795	-62	PASS
			6705	-62.3002	-62	PASS
			6740	-62.2176	-62	PASS
		6945	6910	-62.2807	-62	PASS
			6945	-62.2907	-62	PASS
			6980	-62.4548	-62	PASS

Test Mode	Antenna	Channel	Interference Frequency [MHz]		Test Number [n]	Number Detected [n]	Result [%]	Limit [%]	Verdict
11AX80MIMO	Ant1	6145	High	6110	10	10	100	90	PASS
			Center	6145	10	10	100	90	PASS
			Low	6180	10	10	100	90	PASS
		6465	High	6430	10	10	100	90	PASS
			Center	6465	10	10	100	90	PASS
			Low	6500	10	10	100	90	PASS
		6705	High	6670	10	10	100	90	PASS
			Center	6705	10	10	100	90	PASS
			Low	6740	10	10	100	90	PASS
		6945	High	6910	10	10	100	90	PASS
			Center	6945	10	10	100	90	PASS
			Low	6980	10	10	100	90	PASS



Test Mode	Antenna	Channel	Interference Frequency [MHz]		Test Time	Is Detected	Verdict
11AX20MIMO	Ant1	6175	Center	6175	1	Yes	PASS
			Center	6175	2	Yes	PASS
			Center	6175	3	Yes	PASS
			Center	6175	4	Yes	PASS
			Center	6175	5	Yes	PASS
			Center	6175	6	No	FAIL
			Center	6175	7	Yes	PASS
			Center	6175	8	Yes	PASS
			Center	6175	9	Yes	PASS
			Center	6175	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	No	FAIL
			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
		7115	Center	7115	1	Yes	PASS
			Center	7115	2	Yes	PASS
			Center	7115	3	Yes	PASS
			Center	7115	4	Yes	PASS
			Center	7115	5	Yes	PASS
			Center	7115	6	Yes	PASS
			Center	7115	7	Yes	PASS
			Center	7115	8	Yes	PASS
			Center	7115	9	Yes	PASS
			Center	7115	10	Yes	PASS



Test Mode	Antenna	Channel	Interference Frequency [MHz]		Test Time	Is Detected	Verdict
			Center	6175	1	Yes	PASS
			Center	6175	2	Yes	PASS
			Center	6175	3	Yes	PASS
			Center	6175	4	Yes	PASS
			Center	6175	5	Yes	PASS
			Center	6175	6	No	FAIL
			Center	6175	7	Yes	PASS
			Center	6175	8	Yes	PASS
			Center	6175	9	Yes	PASS
			Center	6175	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	No	FAIL
			Center	6435	7	Yes	PASS
			Center	6435	8	Yes	PASS
			Center	6435	9	Yes	PASS
			Center	6435	10	Yes	PASS
		6535	Center	6535	1	No	FAIL
			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
		7115	Center	7115	1	Yes	PASS
			Center	7115	2	Yes	PASS
			Center	7115	3	Yes	PASS
			Center	7115	4	Yes	PASS
			Center	7115	5	Yes	PASS
			Center	7115	6	Yes	PASS
			Center	7115	7	Yes	PASS
			Center	7115	8	Yes	PASS
			Center	7115	9	Yes	PASS
			Center	7115	10	Yes	PASS
11AX80MIMO	Ant1	6145	High	6110	1	Yes	PASS
			High	6110	2	Yes	PASS
			High	6110	3	Yes	PASS
			High	6110	4	Yes	PASS
			High	6110	5	Yes	PASS
			High	6110	6	Yes	PASS
			High	6110	7	Yes	PASS
			High	6110	8	Yes	PASS
			High	6110	9	Yes	PASS
			High	6110	10	Yes	PASS
		Center	6145	1	Yes	PASS	
		Center	6145	2	Yes	PASS	
		Center	6145	3	Yes	PASS	
		Center	6145	4	Yes	PASS	
		Center	6145	5	Yes	PASS	
		Center	6145	6	Yes	PASS	



			Center	6145	7	Yes	PASS
			Center	6145	8	Yes	PASS
			Center	6145	9	Yes	PASS
			Center	6145	10	Yes	PASS
			Low	6180	1	Yes	PASS
			Low	6180	2	Yes	PASS
			Low	6180	3	Yes	PASS
			Low	6180	4	Yes	PASS
			Low	6180	5	Yes	PASS
			Low	6180	6	Yes	PASS
			Low	6180	7	Yes	PASS
			Low	6180	8	Yes	PASS
			Low	6180	9	Yes	PASS
			Low	6180	10	Yes	PASS
		6465	High	6430	1	Yes	PASS
			High	6430	2	Yes	PASS
			High	6430	3	Yes	PASS
			High	6430	4	Yes	PASS
			High	6430	5	Yes	PASS
			High	6430	6	Yes	PASS
			High	6430	7	Yes	PASS
			High	6430	8	Yes	PASS
			High	6430	9	Yes	PASS
			High	6430	10	Yes	PASS
		6465	Center	6465	1	Yes	PASS
			Center	6465	2	Yes	PASS
			Center	6465	3	Yes	PASS
			Center	6465	4	Yes	PASS
			Center	6465	5	Yes	PASS
			Center	6465	6	Yes	PASS
			Center	6465	7	Yes	PASS
			Center	6465	8	Yes	PASS
			Center	6465	9	Yes	PASS
			Center	6465	10	Yes	PASS
		6465	Low	6500	1	Yes	PASS
			Low	6500	2	Yes	PASS
			Low	6500	3	Yes	PASS
			Low	6500	4	Yes	PASS
			Low	6500	5	Yes	PASS
			Low	6500	6	Yes	PASS
			Low	6500	7	Yes	PASS
			Low	6500	8	Yes	PASS
			Low	6500	9	Yes	PASS
			Low	6500	10	Yes	PASS
		6705	High	6670	1	Yes	PASS
			High	6670	2	Yes	PASS
			High	6670	3	Yes	PASS
			High	6670	4	Yes	PASS
			High	6670	5	Yes	PASS
			High	6670	6	Yes	PASS
			High	6670	7	Yes	PASS
			High	6670	8	Yes	PASS
			High	6670	9	Yes	PASS
			High	6670	10	Yes	PASS
		6705	Center	6705	1	Yes	PASS
			Center	6705	2	Yes	PASS
			Center	6705	3	Yes	PASS
			Center	6705	4	Yes	PASS
			Center	6705	5	Yes	PASS
			Center	6705	6	Yes	PASS
			Center	6705	7	Yes	PASS

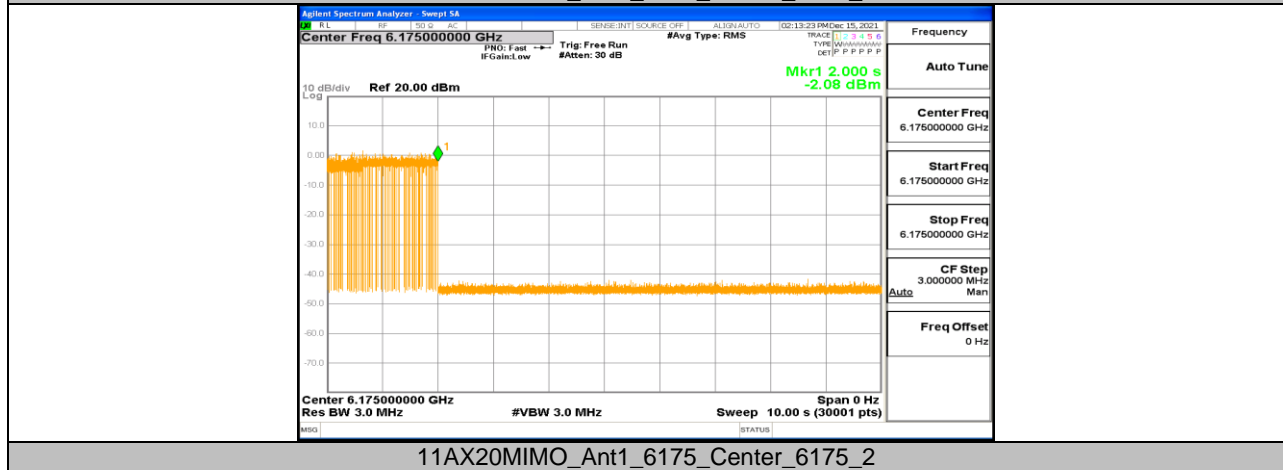
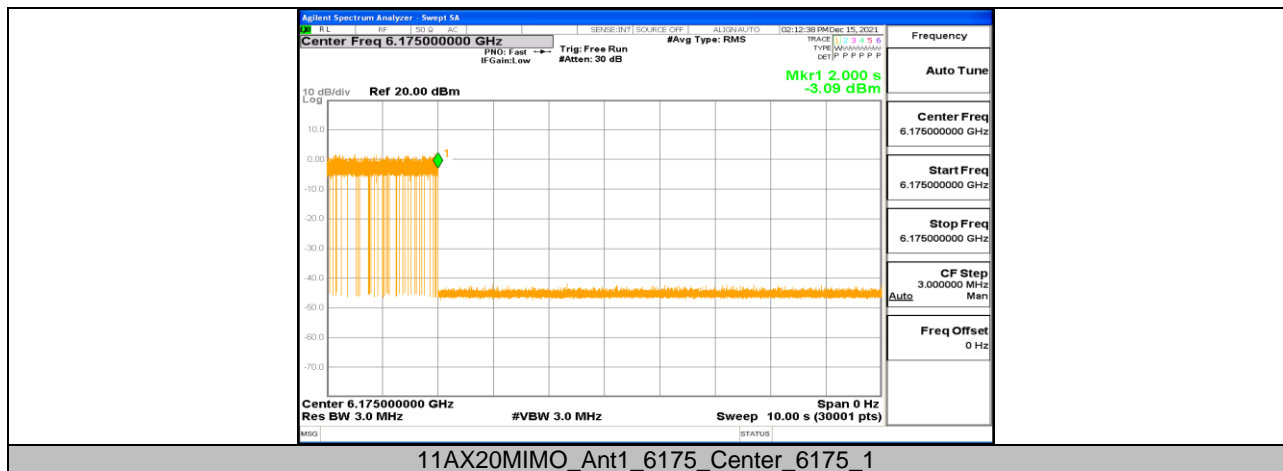
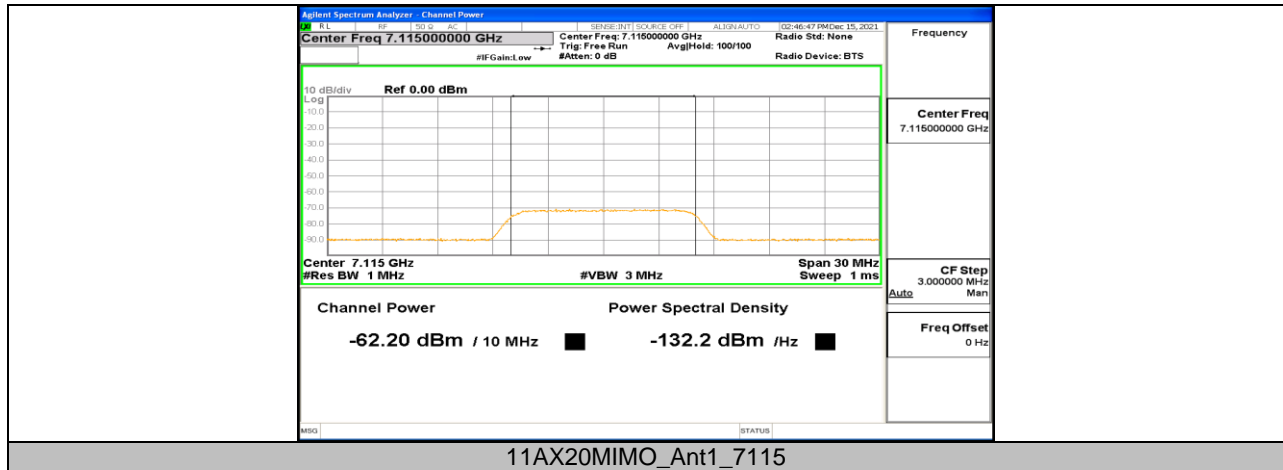


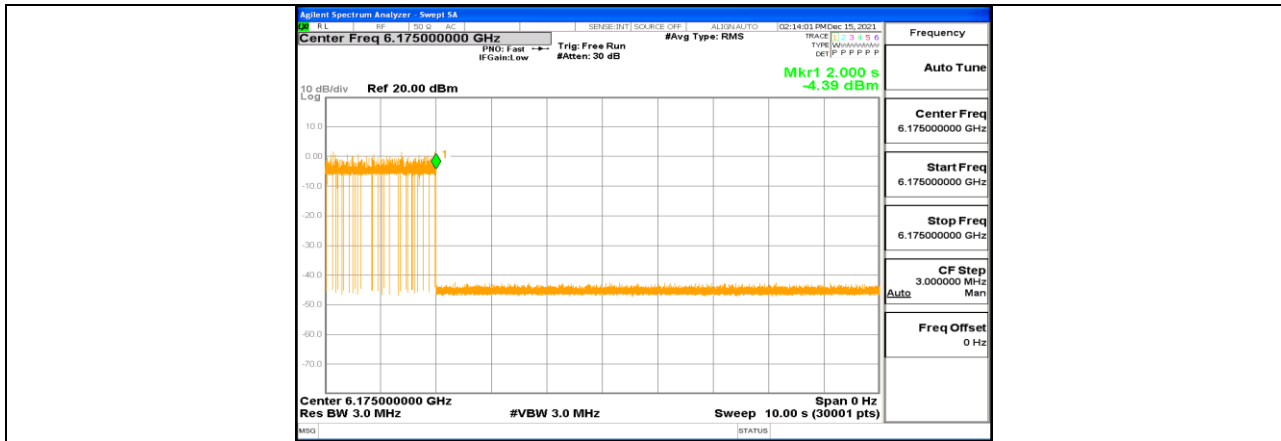
			Center	6705	8	Yes	PASS
			Center	6705	9	Yes	PASS
			Center	6705	10	Yes	PASS
			Low	6740	1	Yes	PASS
			Low	6740	2	Yes	PASS
			Low	6740	3	Yes	PASS
			Low	6740	4	Yes	PASS
			Low	6740	5	Yes	PASS
			Low	6740	6	Yes	PASS
			Low	6740	7	Yes	PASS
			Low	6740	8	Yes	PASS
			Low	6740	9	Yes	PASS
			Low	6740	10	Yes	PASS
		6945	High	6910	1	Yes	PASS
			High	6910	2	Yes	PASS
			High	6910	3	Yes	PASS
			High	6910	4	Yes	PASS
			High	6910	5	Yes	PASS
			High	6910	6	Yes	PASS
			High	6910	7	Yes	PASS
			High	6910	8	Yes	PASS
			High	6910	9	Yes	PASS
			High	6910	10	Yes	PASS
			Center	6945	1	Yes	PASS
			Center	6945	2	Yes	PASS
			Center	6945	3	Yes	PASS
			Center	6945	4	Yes	PASS
			Center	6945	5	Yes	PASS
			Center	6945	6	Yes	PASS
			Center	6945	7	Yes	PASS
			Center	6945	8	Yes	PASS
			Center	6945	9	Yes	PASS
			Center	6945	10	Yes	PASS
			Low	6980	1	Yes	PASS
			Low	6980	2	Yes	PASS
			Low	6980	3	Yes	PASS
			Low	6980	4	Yes	PASS
			Low	6980	5	Yes	PASS
			Low	6980	6	Yes	PASS
			Low	6980	7	Yes	PASS
			Low	6980	8	Yes	PASS
			Low	6980	9	Yes	PASS
			Low	6980	10	Yes	PASS



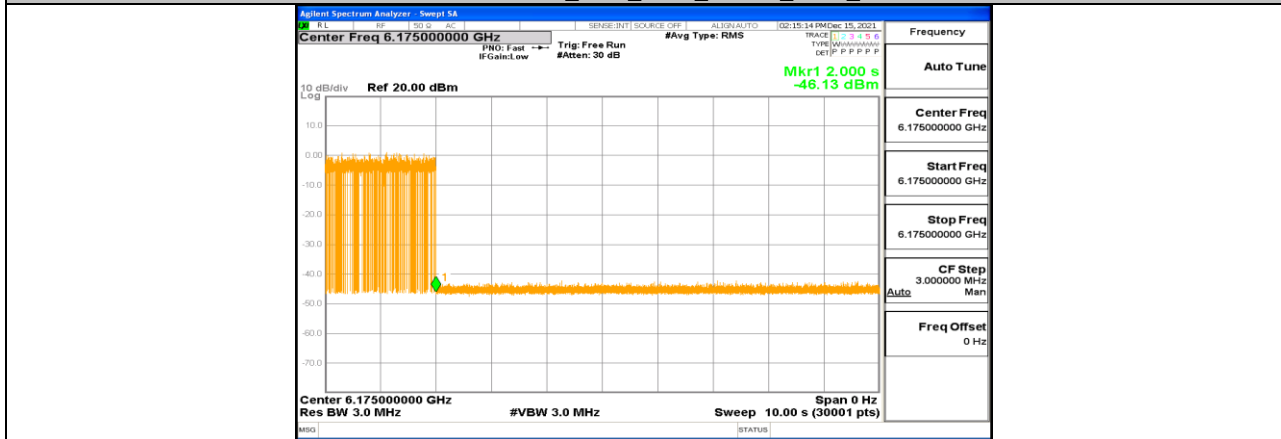
### 12.8.1. Test Graphs



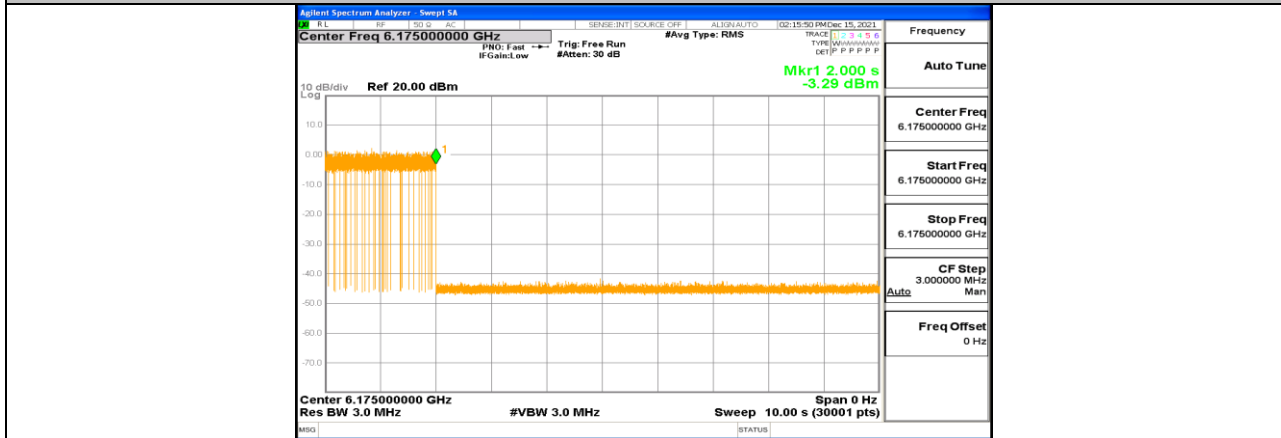




11AX20MIMO\_Ant1\_6175\_Center\_6175\_3

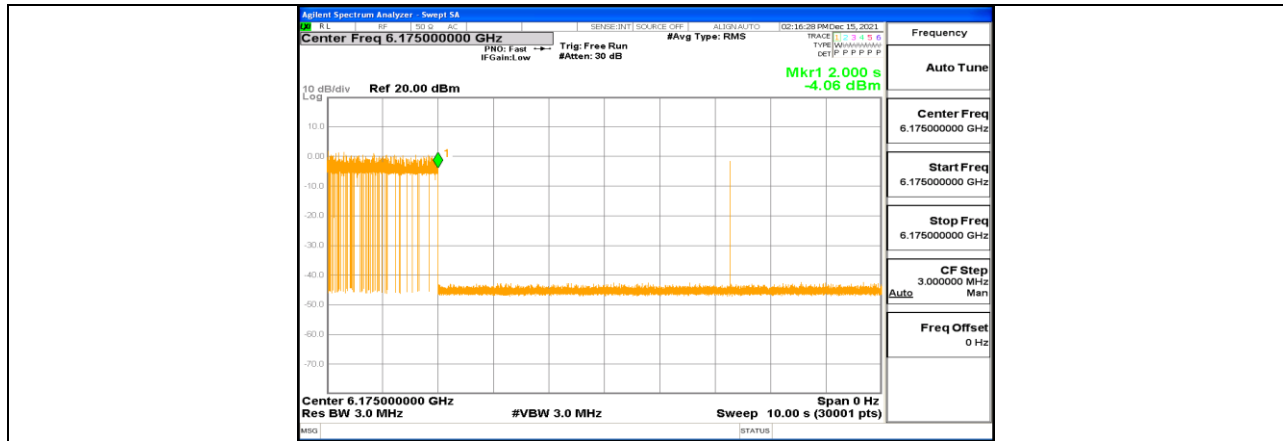


11AX20MIMO\_Ant1\_6175\_Center\_6175\_4

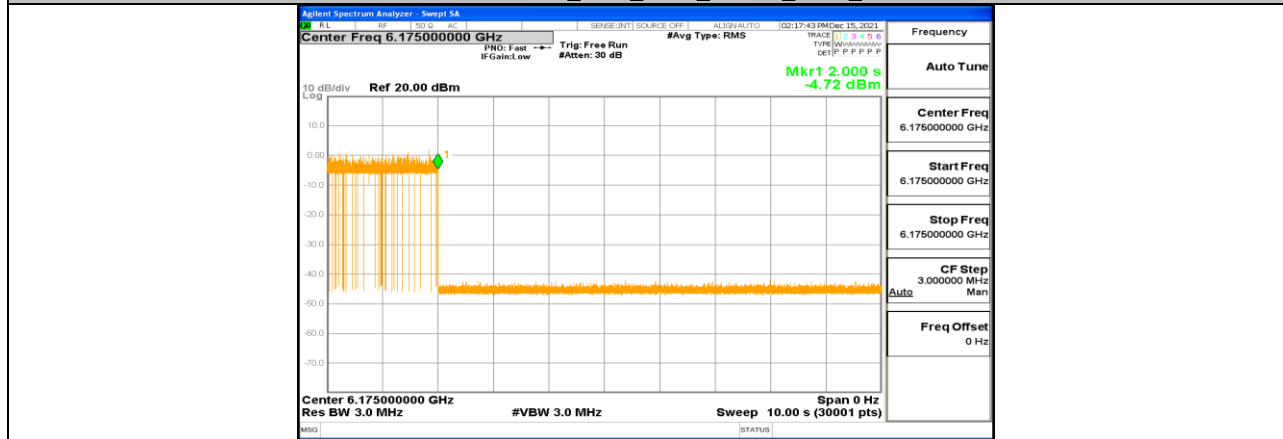


11AX20MIMO\_Ant1\_6175\_Center\_6175\_5

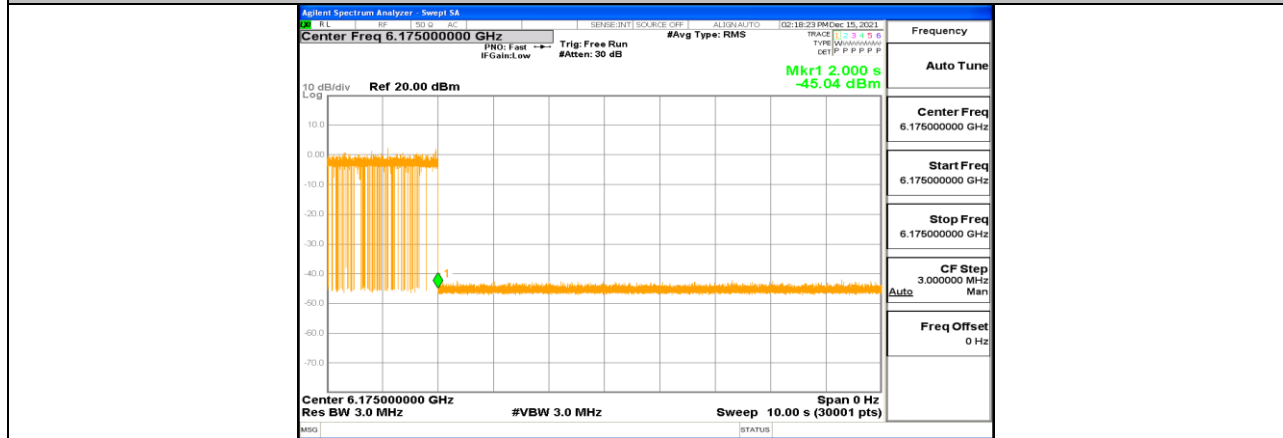




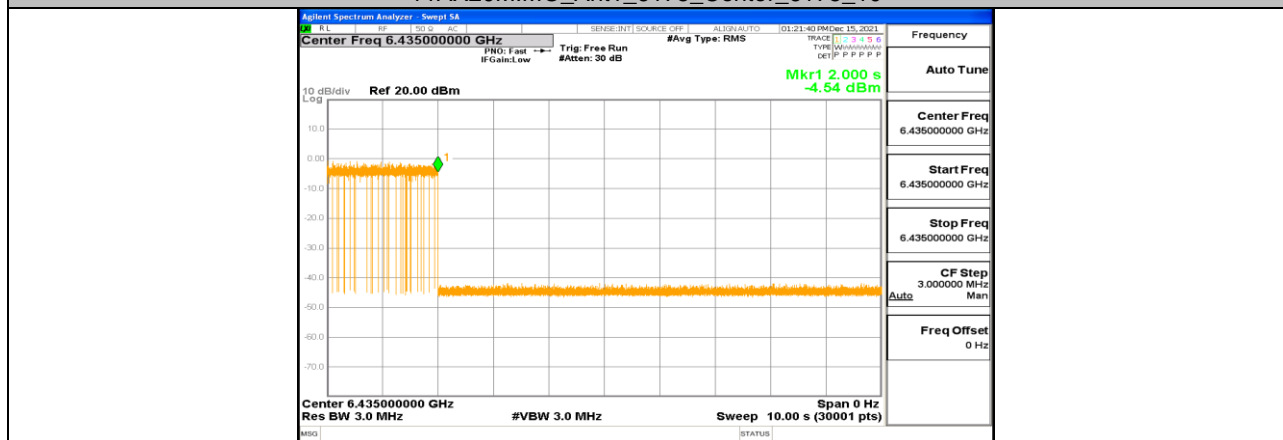
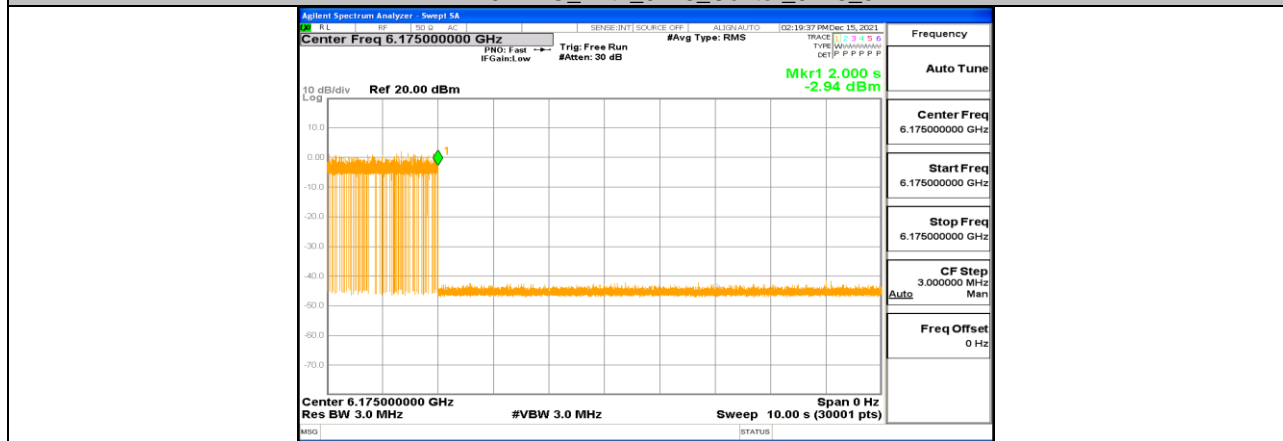
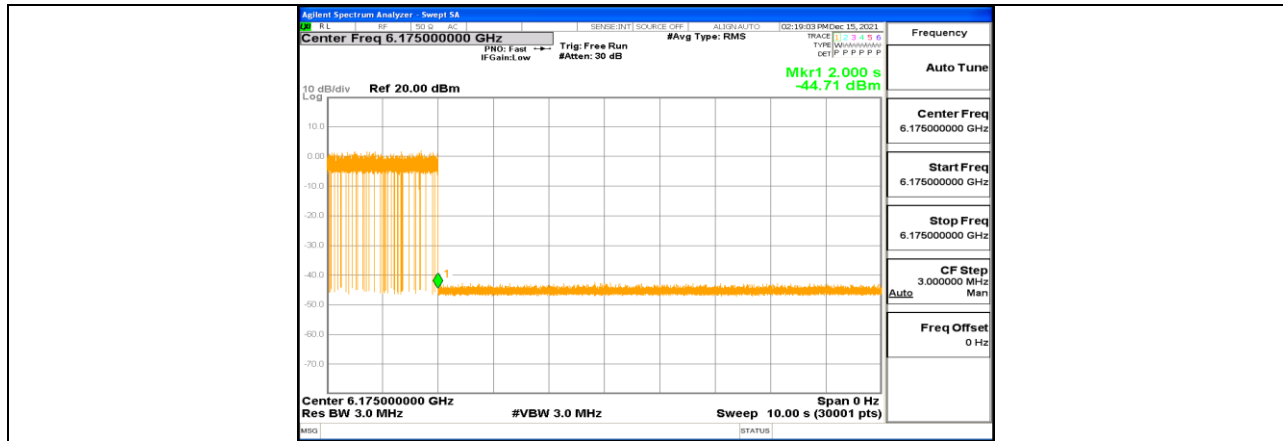
11AX20MIMO\_Ant1\_6175\_Center\_6175\_6

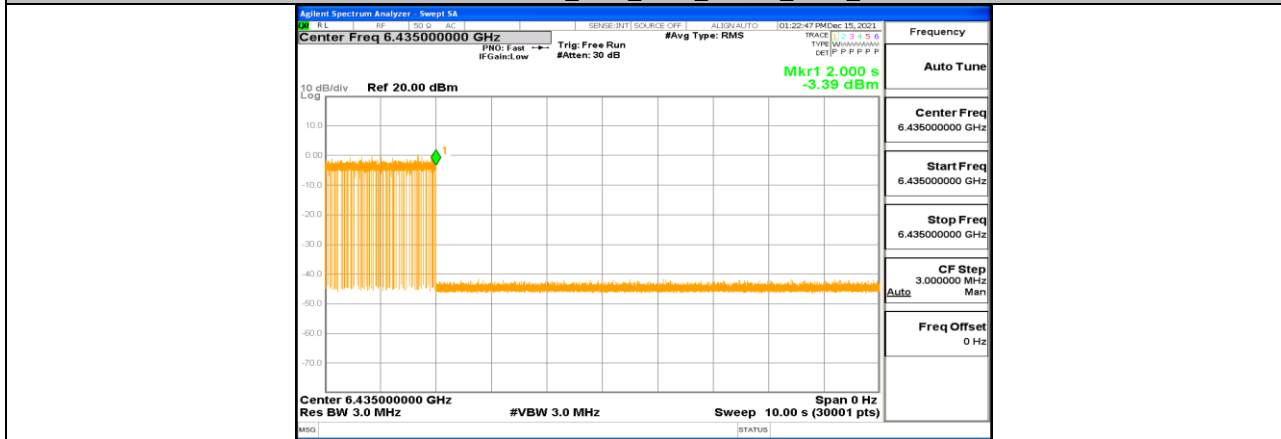
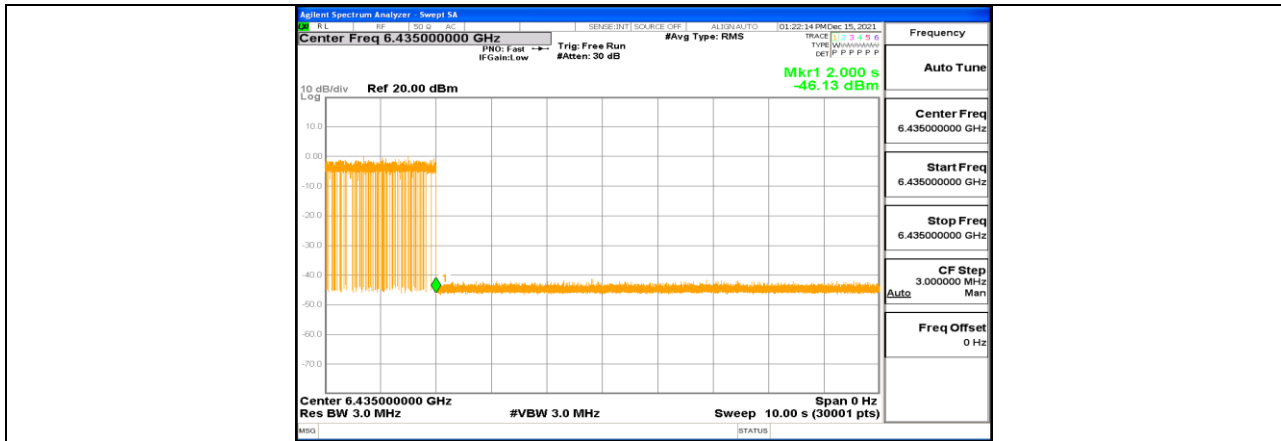


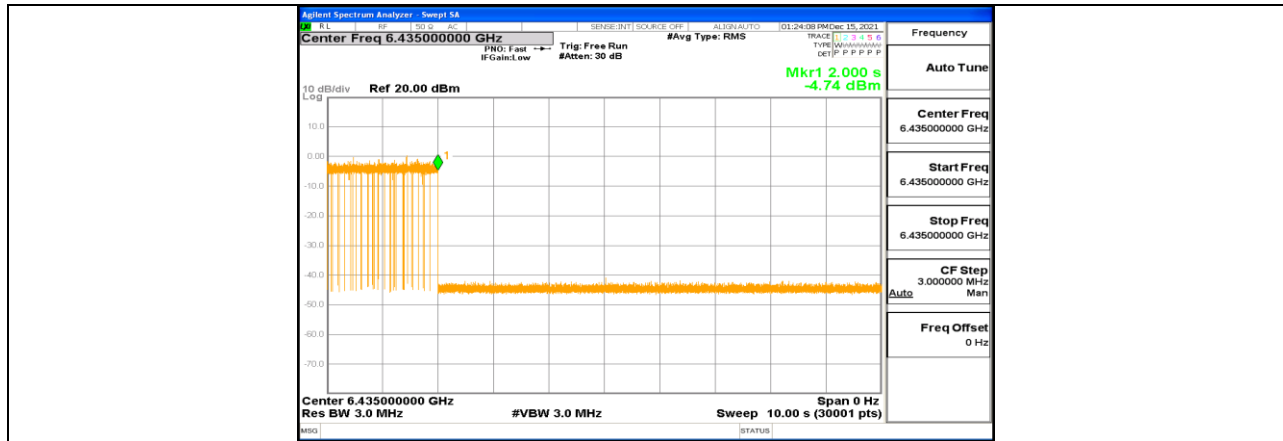
11AX20MIMO\_Ant1\_6175\_Center\_6175\_7



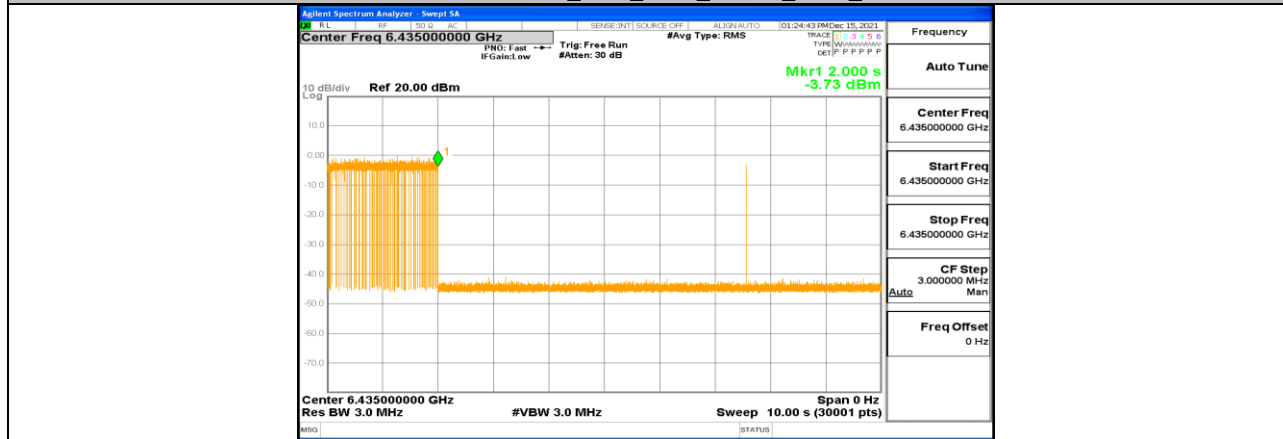
11AX20MIMO\_Ant1\_6175\_Center\_6175\_8



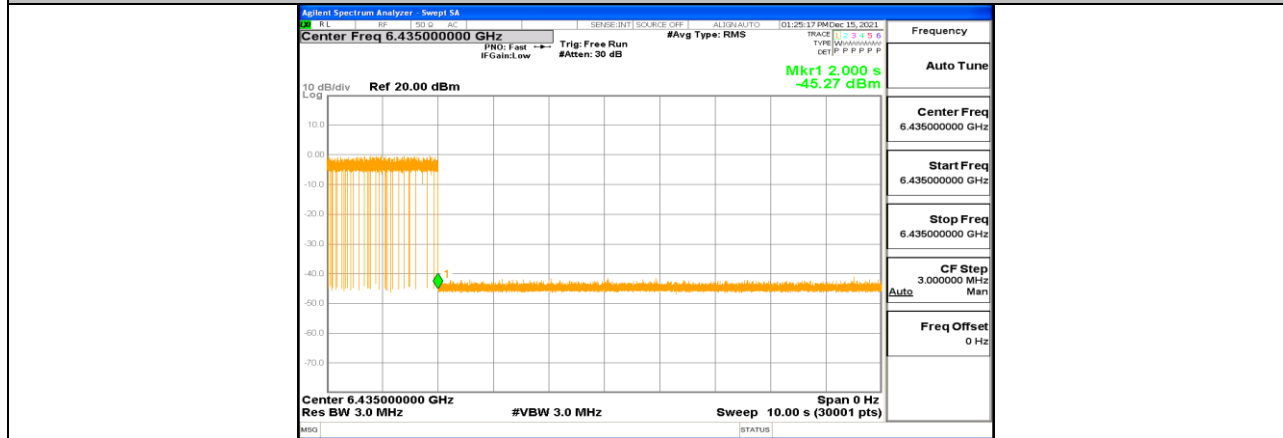




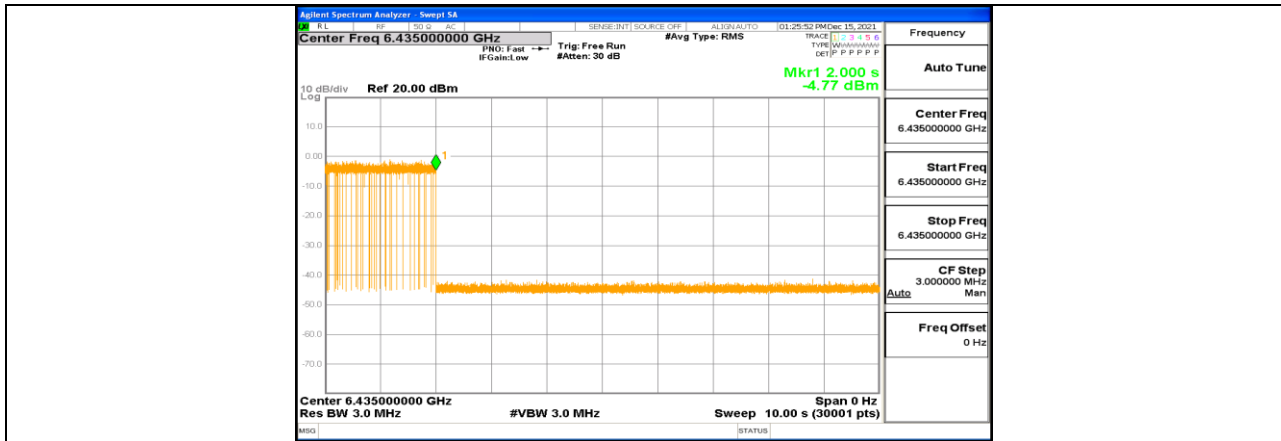
11AX20MIMO\_Ant1\_6435\_Center\_6435\_5



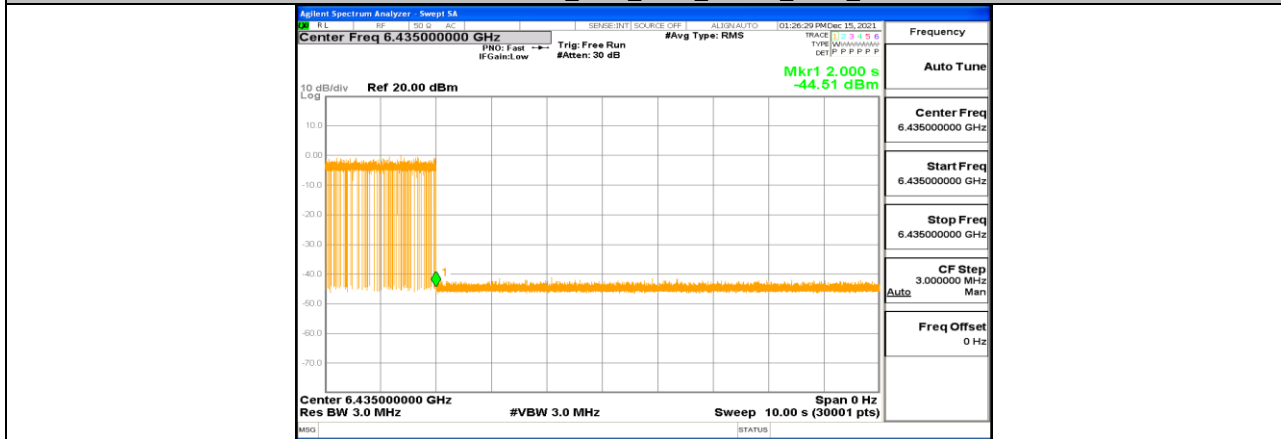
11AX20MIMO\_Ant1\_6435\_Center\_6435\_6



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



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



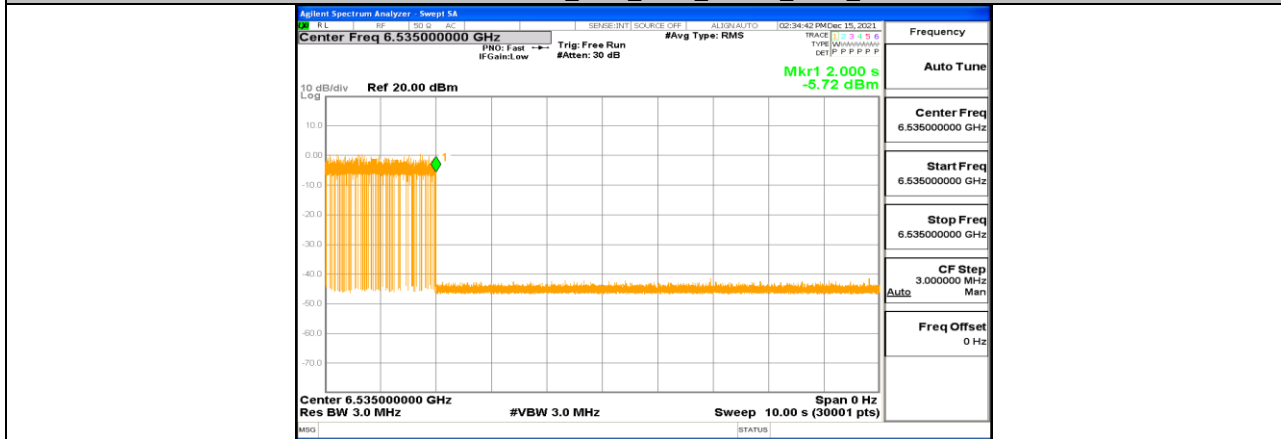
11AX20MIMO\_Ant1\_6435\_Center\_6435\_9



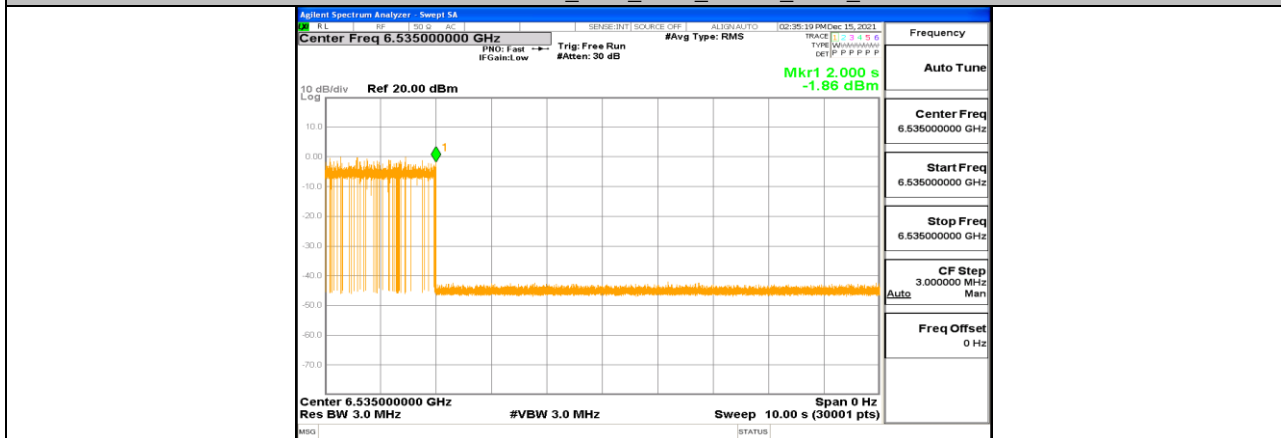
11AX20MIMO\_Ant1\_6435\_Center\_6435\_10



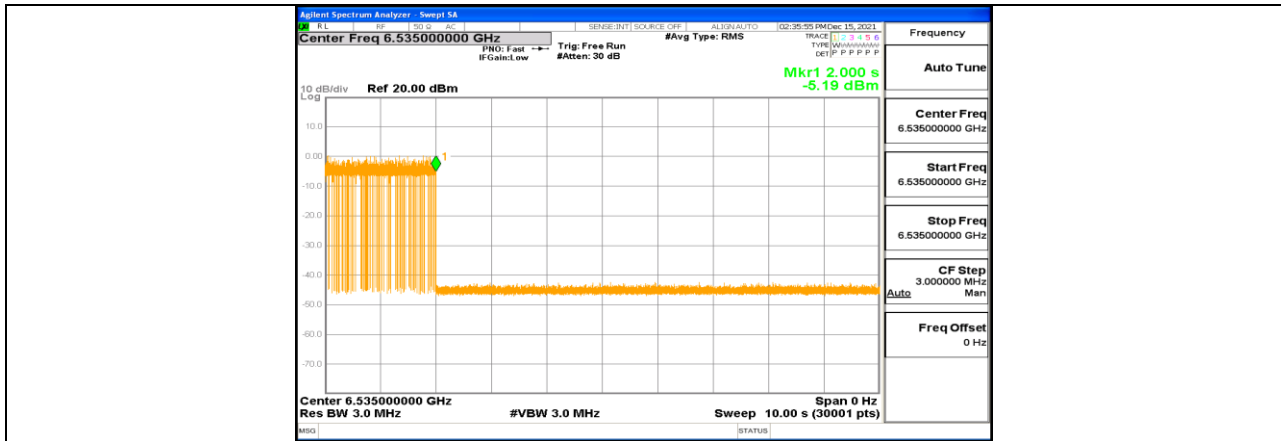
11AX20MIMO\_Ant1\_6535\_Center\_6535\_1



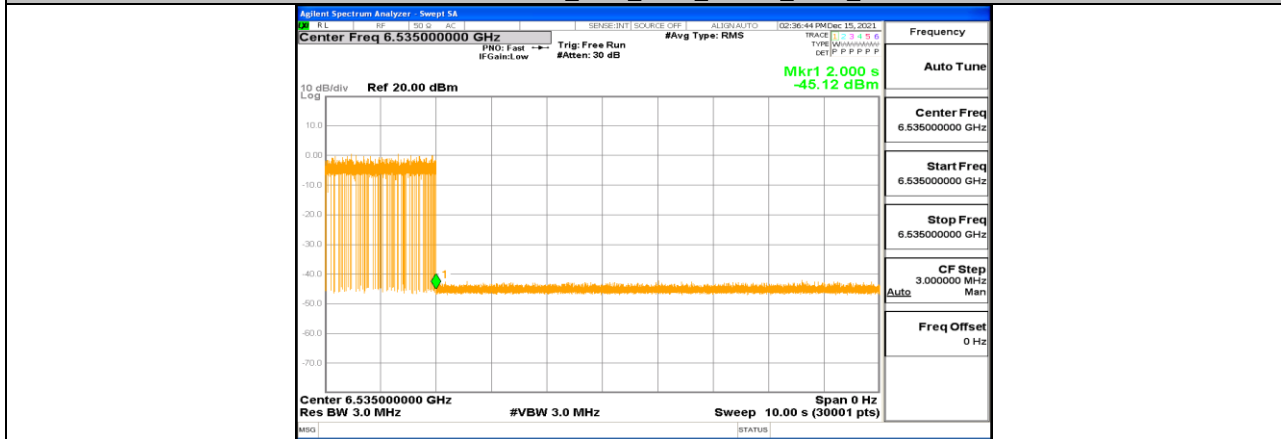
11AX20MIMO\_Ant1\_6535\_Center\_6535\_2



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



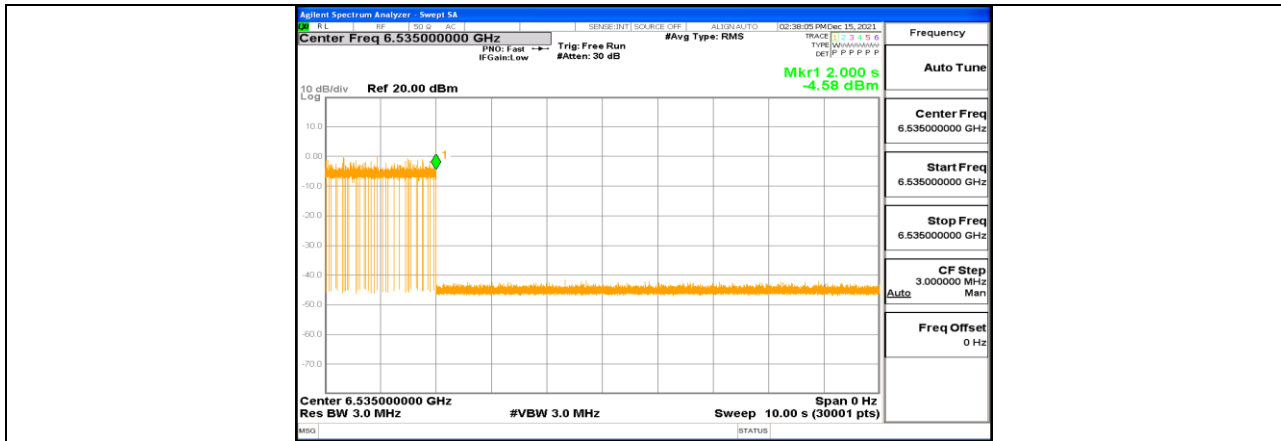
11AX20MIMO\_Ant1\_6535\_Center\_6535\_4



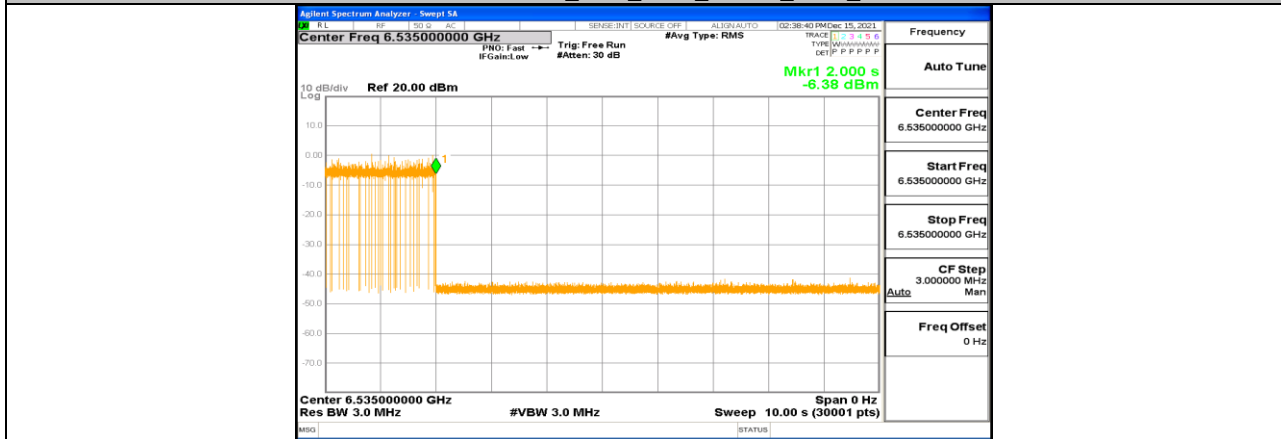
11AX20MIMO\_Ant1\_6535\_Center\_6535\_5



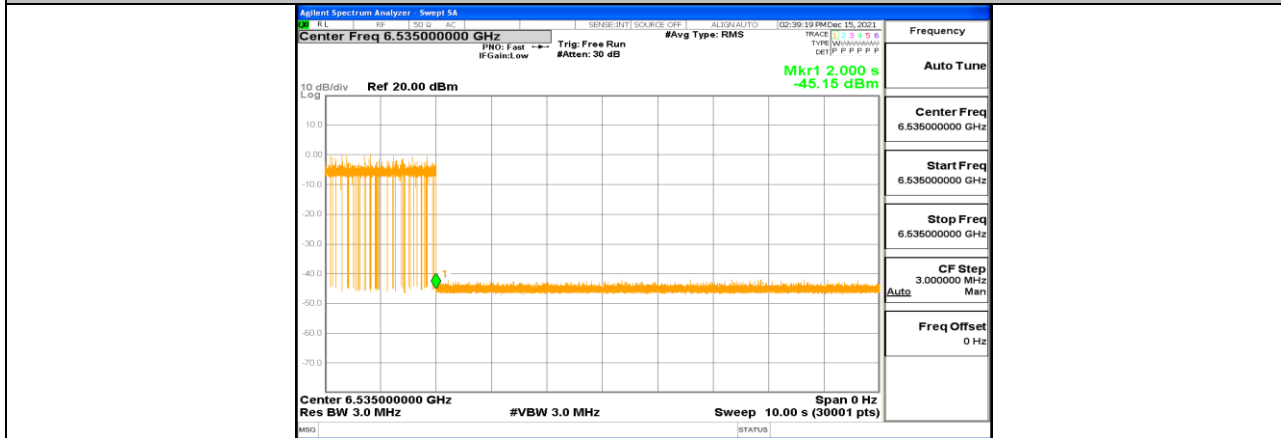
11AX20MIMO\_Ant1\_6535\_Center\_6535\_6



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

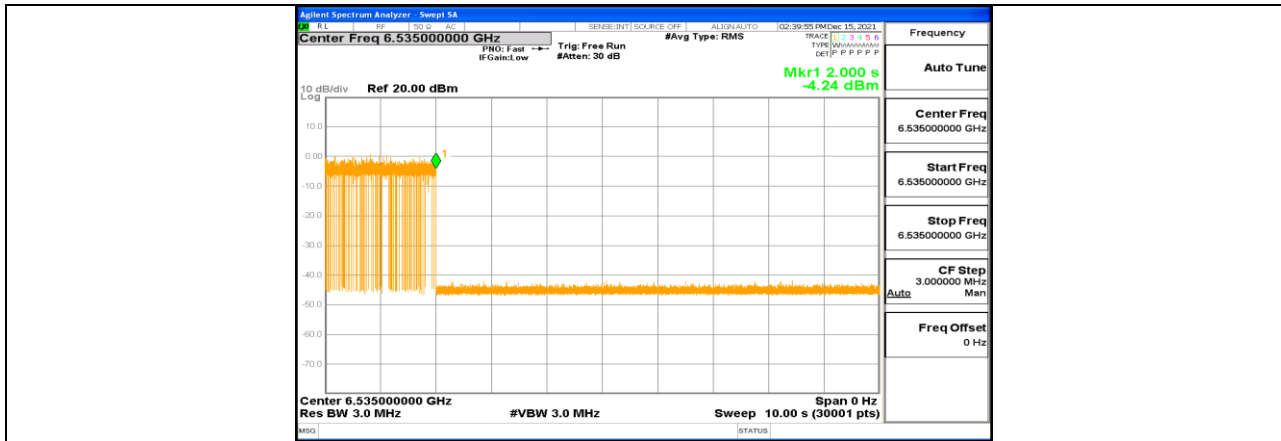


11AX20MIMO\_Ant1\_6535\_Center\_6535\_8

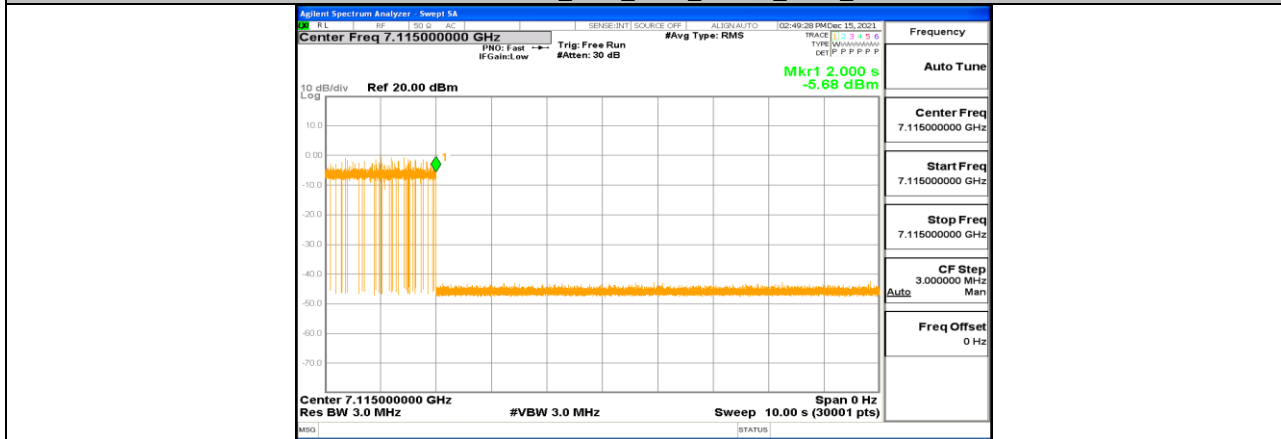


11AX20MIMO\_Ant1\_6535\_Center\_6535\_9

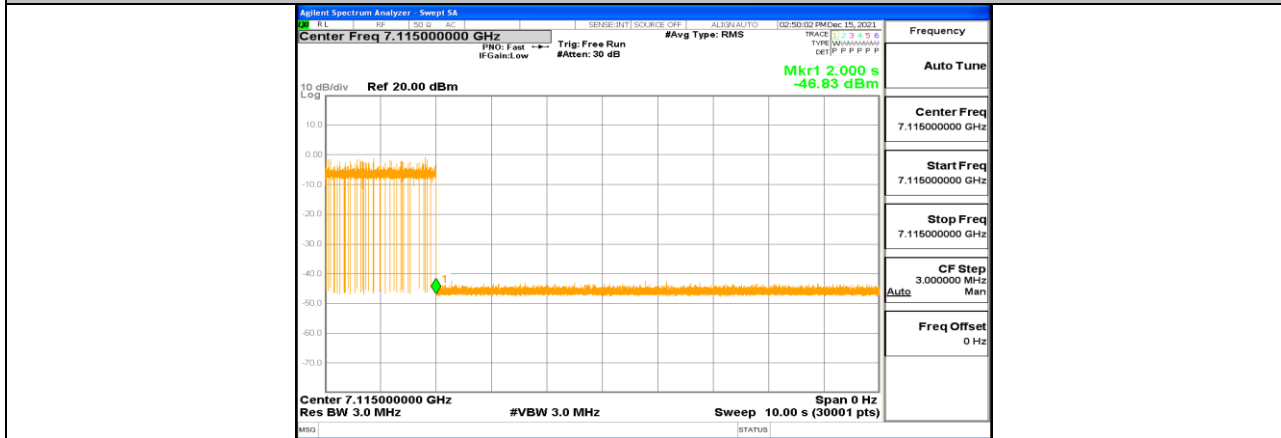




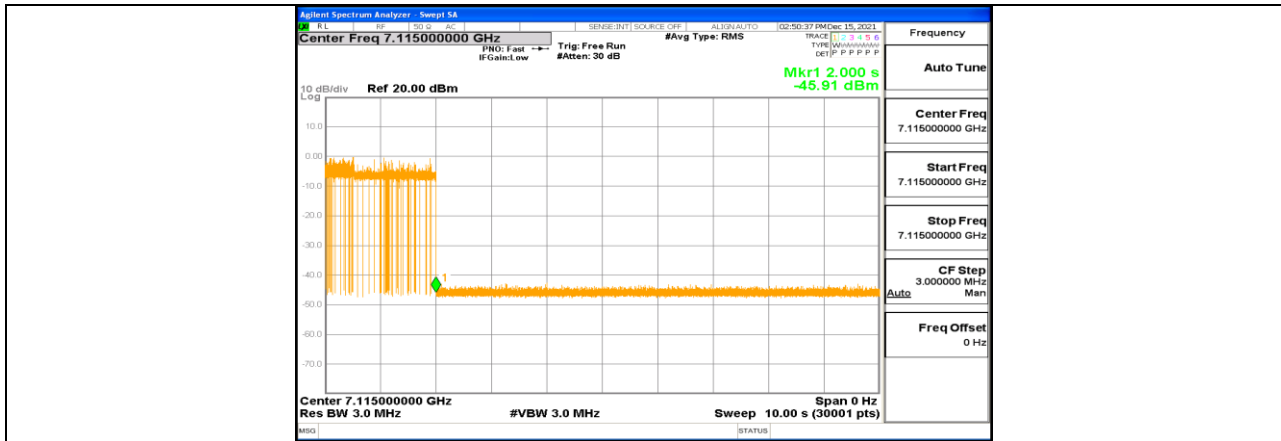
11AX20MIMO\_Ant1\_6535\_Center\_6535\_10



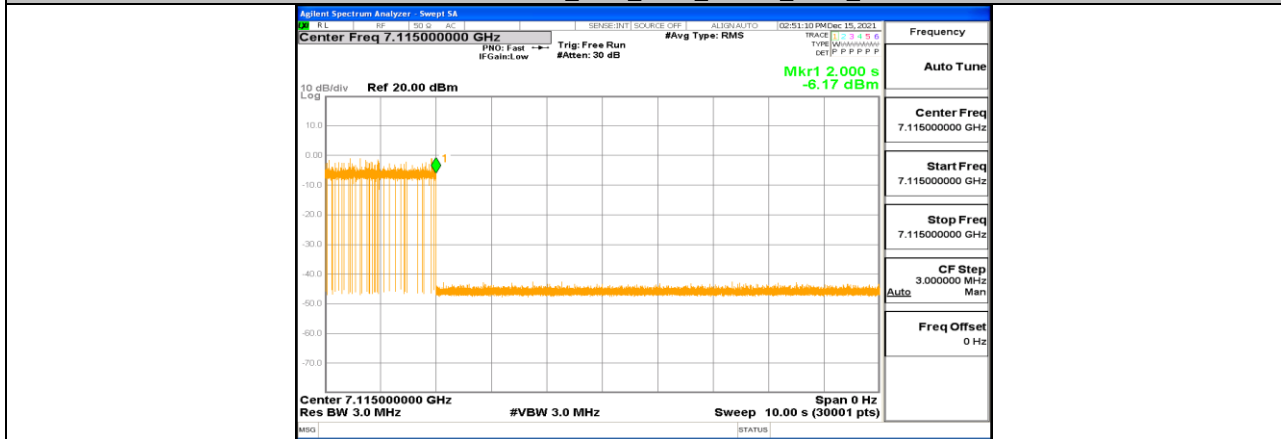
11AX20MIMO\_Ant1\_7115\_Center\_7115\_1



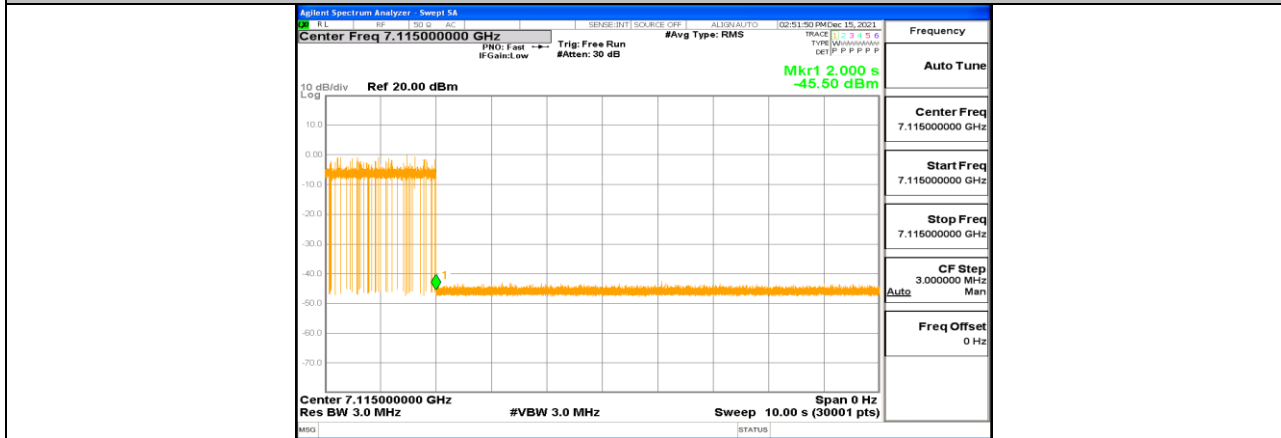
11AX20MIMO\_Ant1\_7115\_Center\_7115\_2



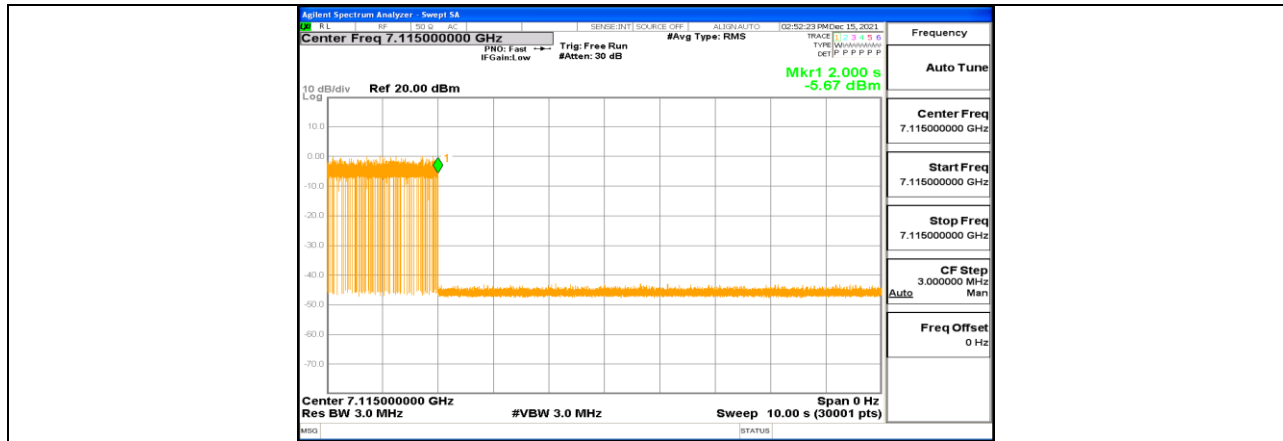
11AX20MIMO\_Ant1\_7115\_Center\_7115\_3



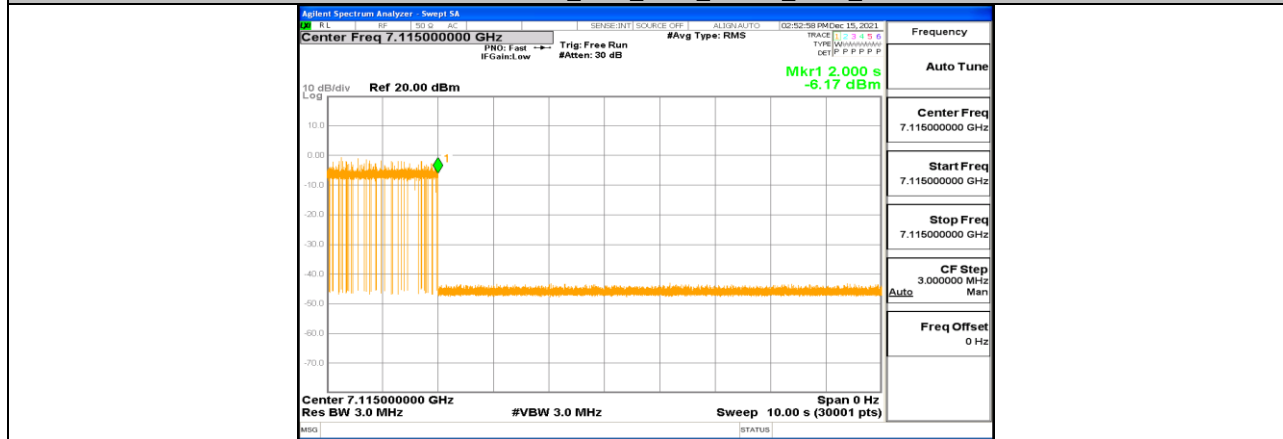
11AX20MIMO\_Ant1\_7115\_Center\_7115\_4



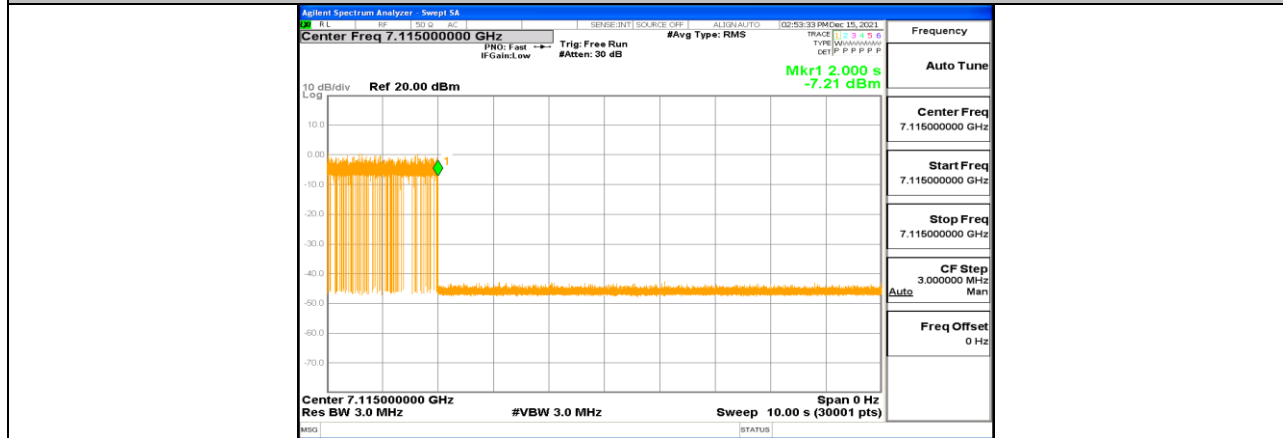
11AX20MIMO\_Ant1\_7115\_Center\_7115\_5



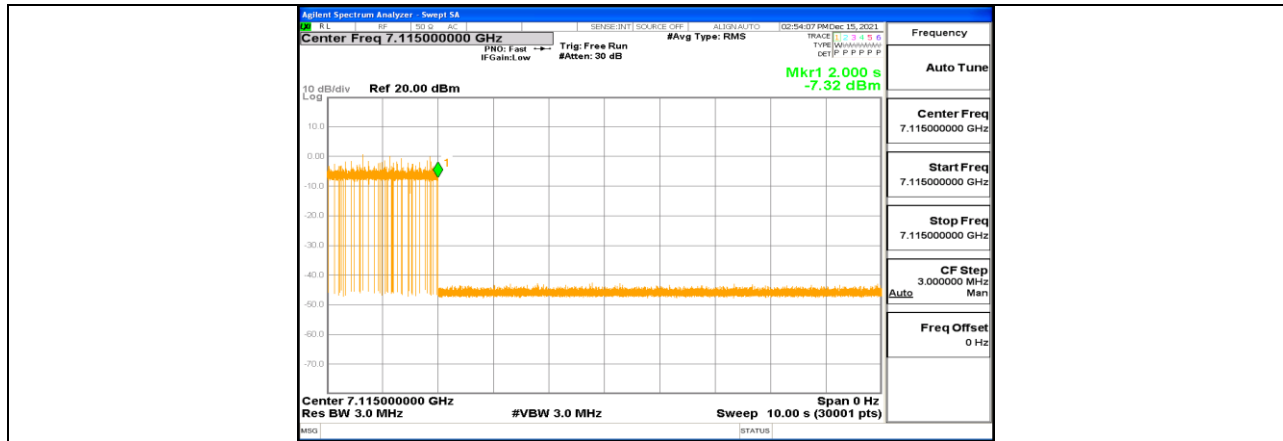
11AX20MIMO\_Ant1\_7115\_Center\_7115\_6



11AX20MIMO\_Ant1\_7115\_Center\_7115\_7



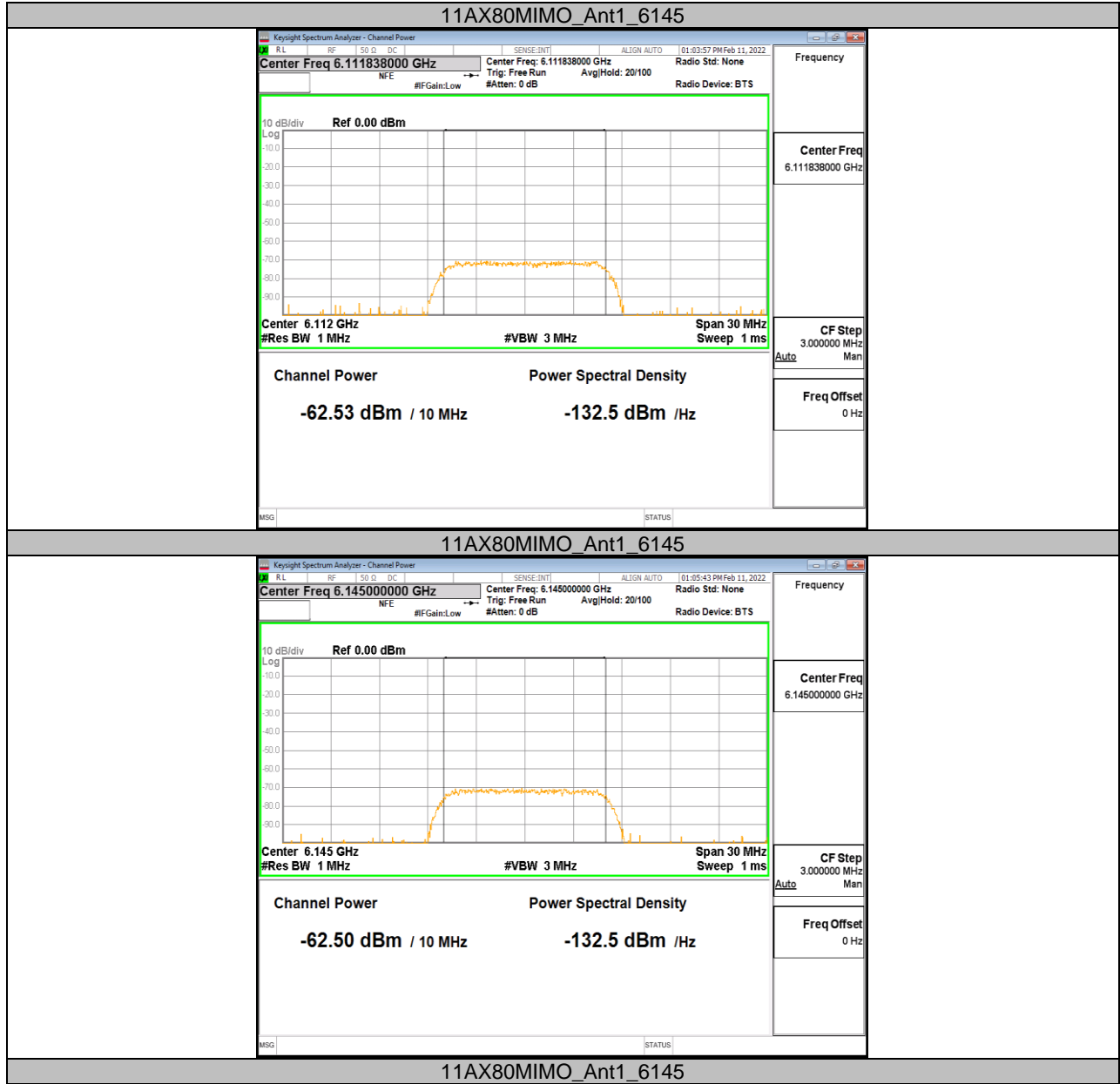
11AX20MIMO\_Ant1\_7115\_Center\_7115\_8

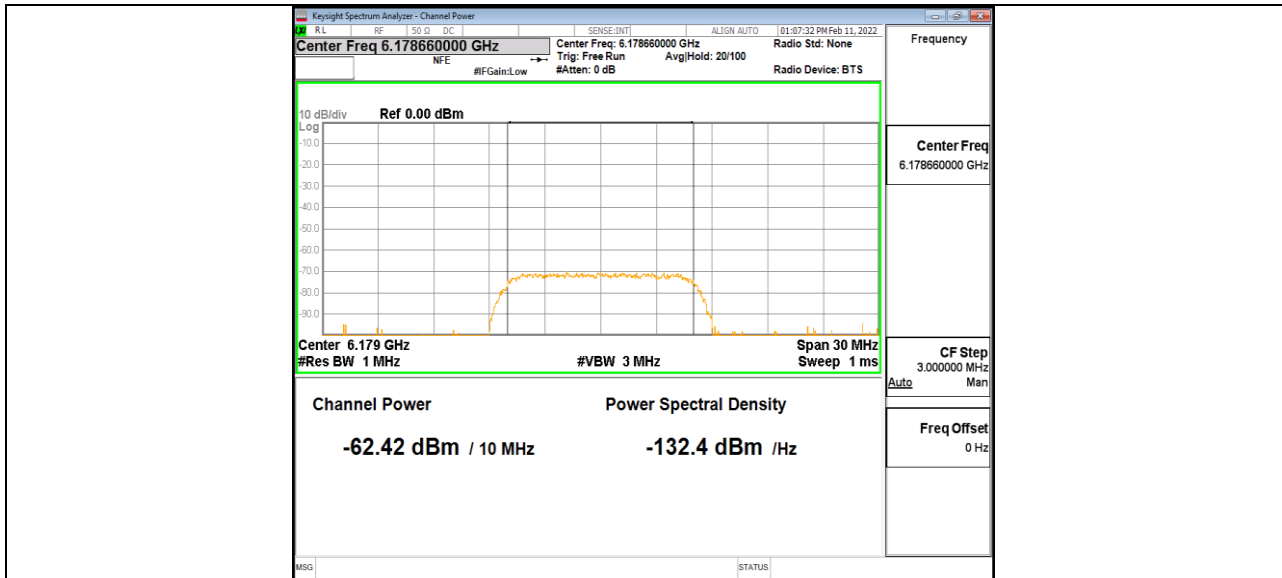


11AX20MIMO\_Ant1\_7115\_Center\_7115\_9

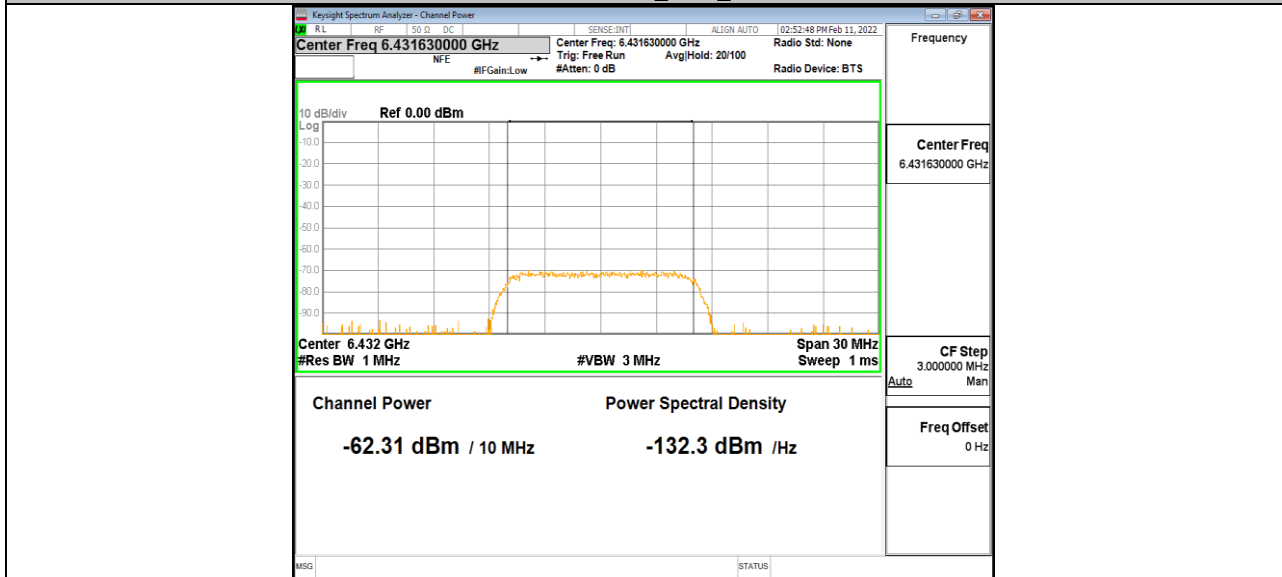


11AX20MIMO\_Ant1\_7115\_Center\_7115\_10

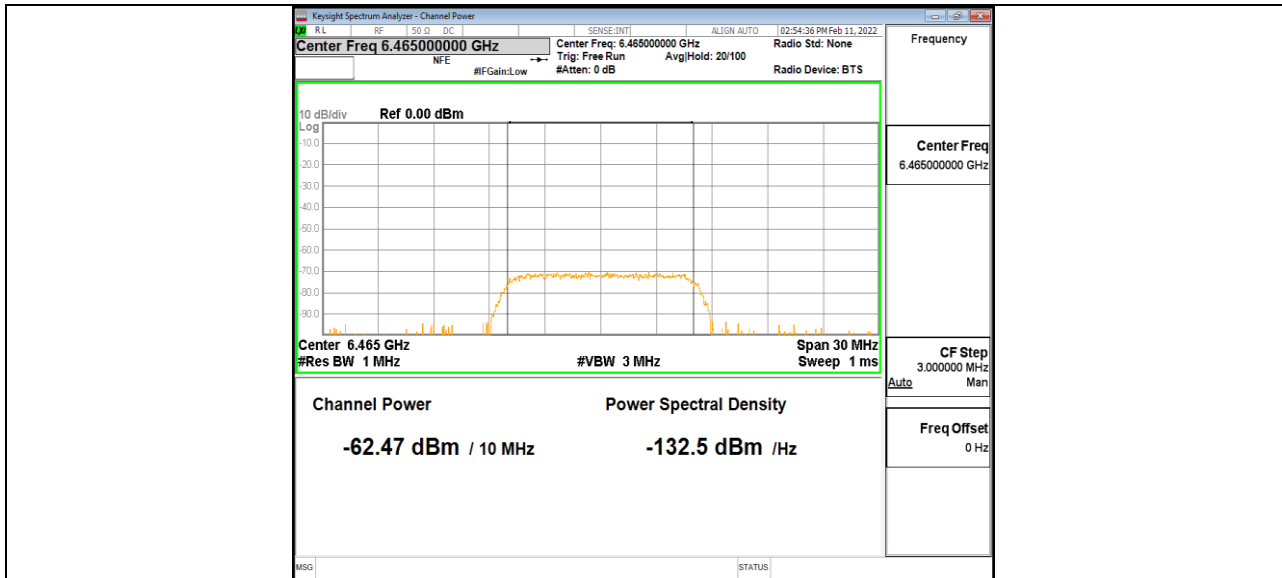




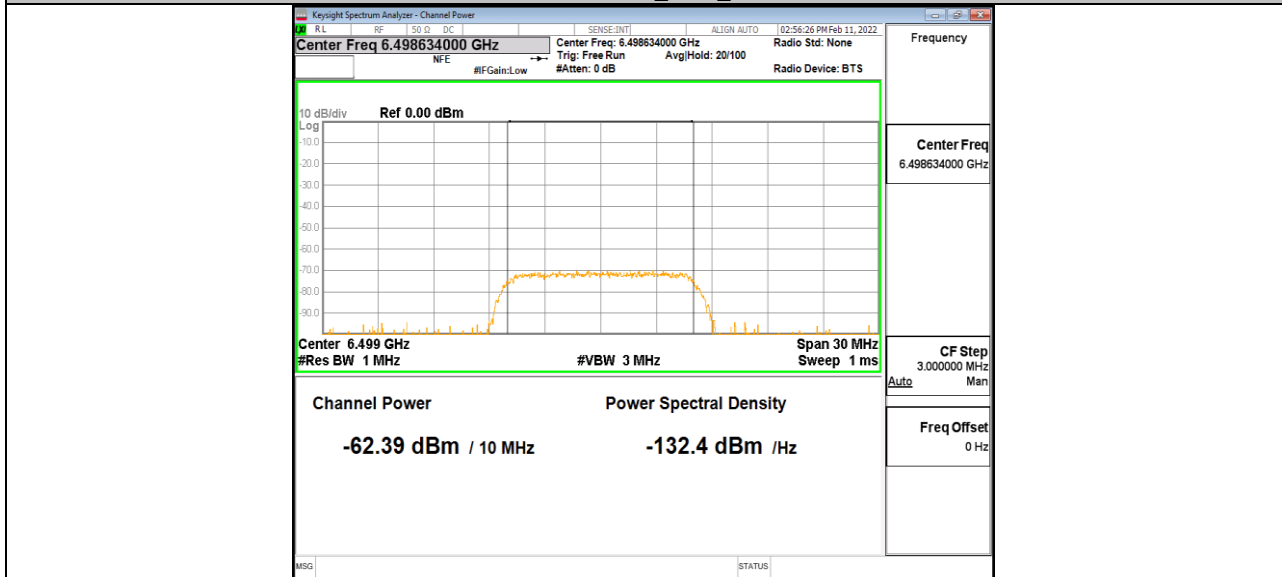
11AX80MIMO\_Ant1\_6465



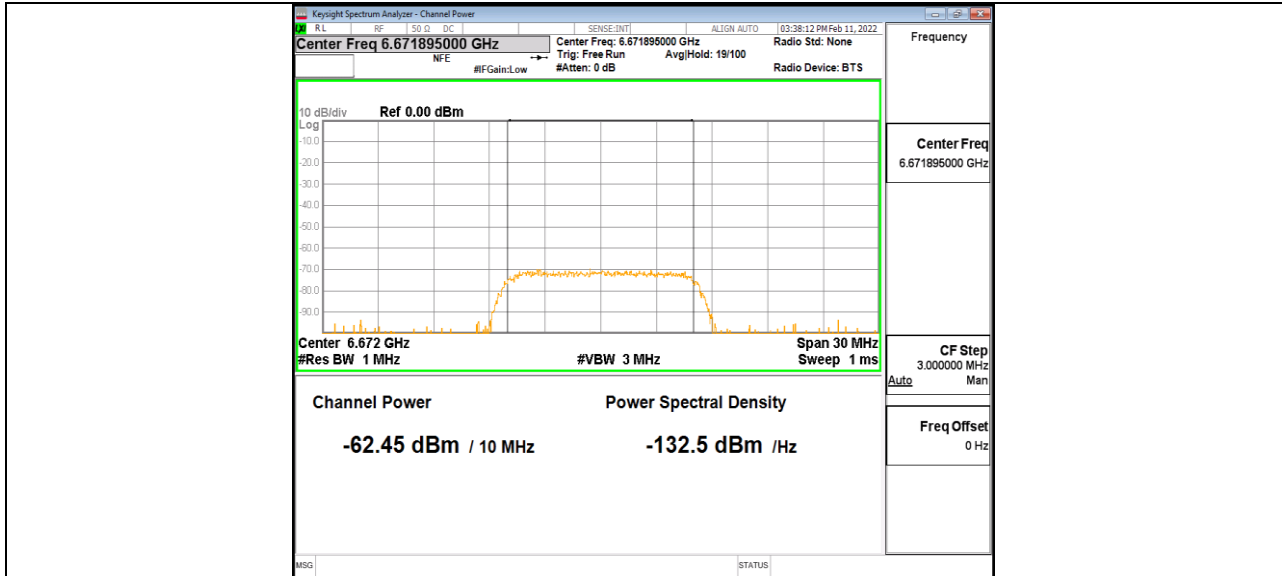
11AX80MIMO\_Ant1\_6465



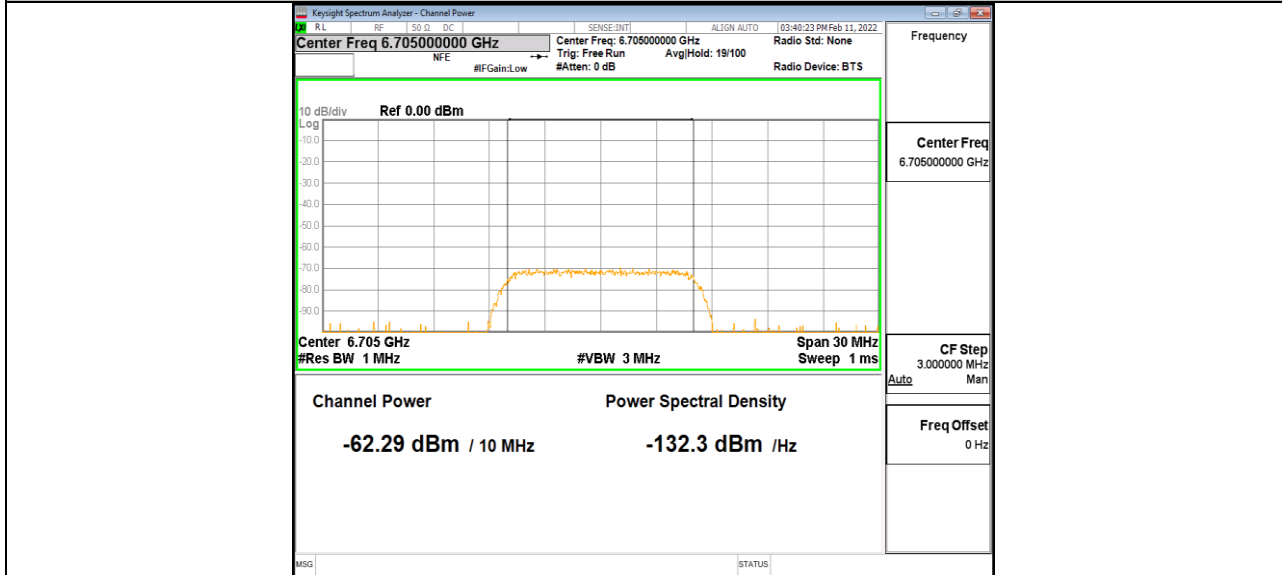
11AX80MIMO\_Ant1\_6465



11AX80MIMO\_Ant1\_6705



11AX80MIMO\_Ant1\_6705



11AX80MIMO\_Ant1\_6705