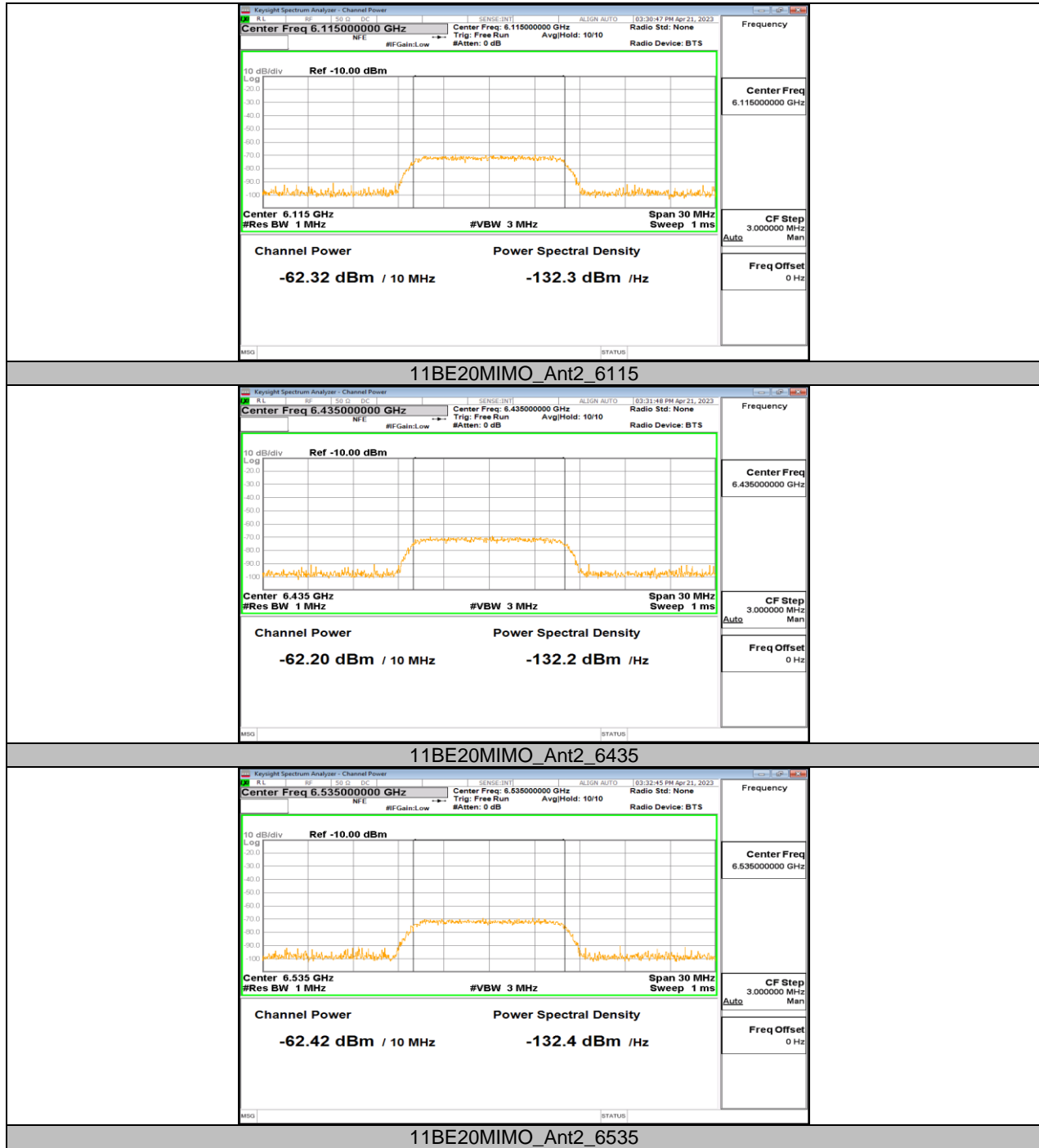
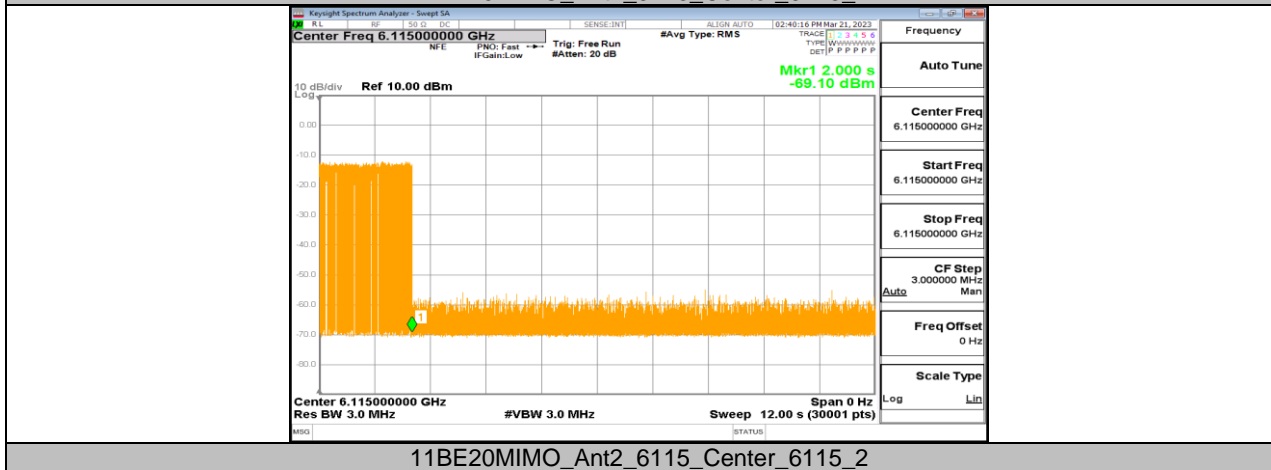
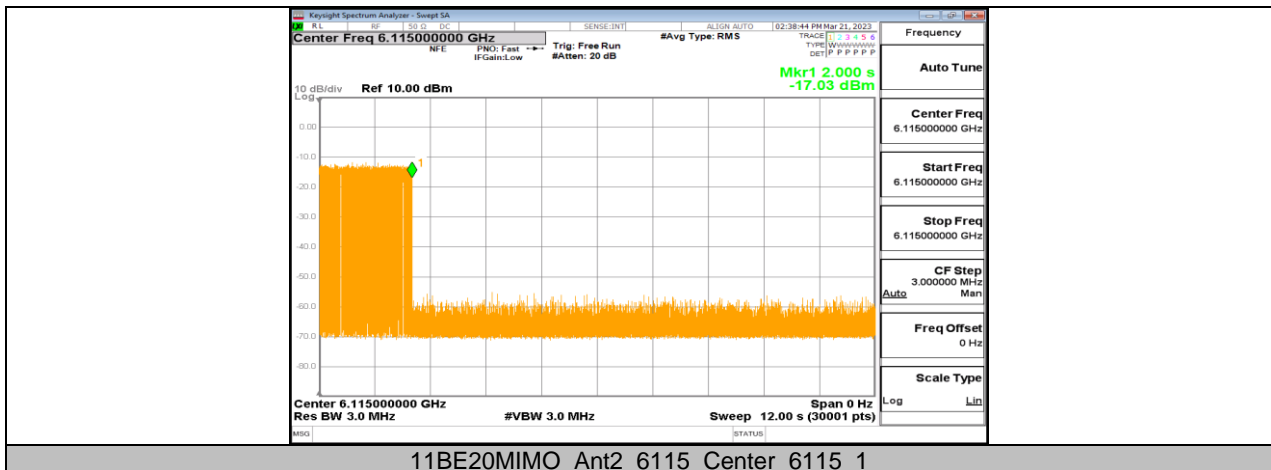
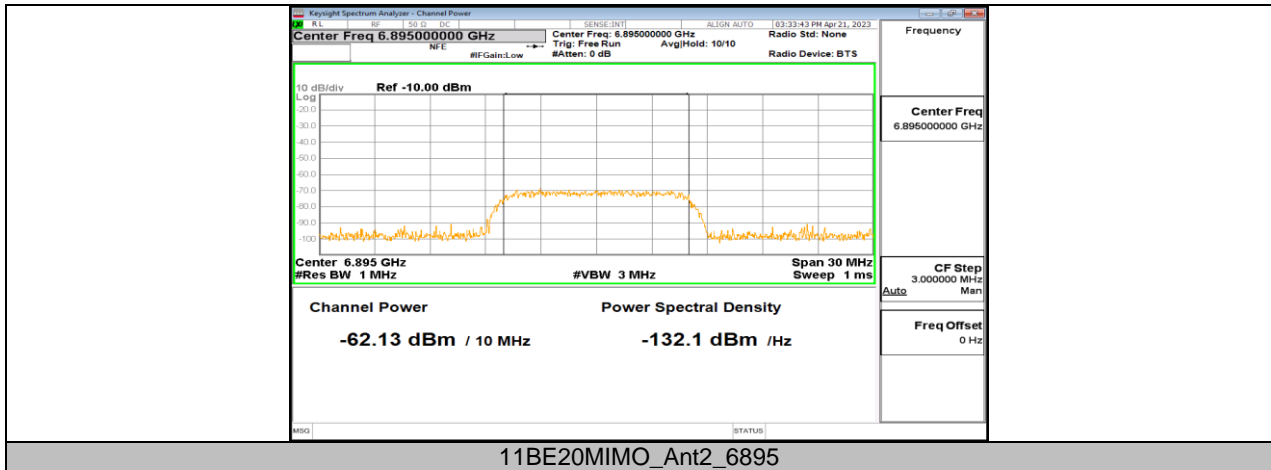
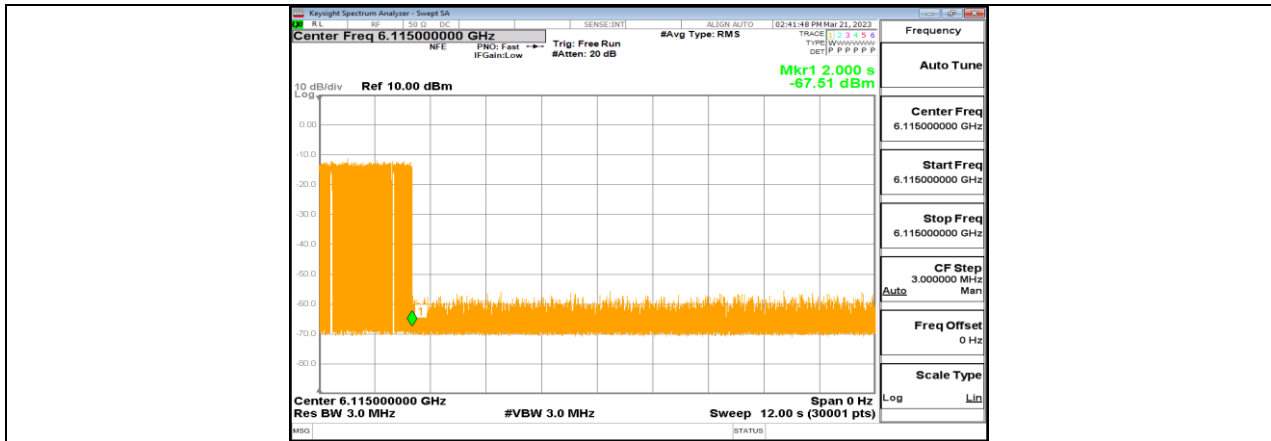


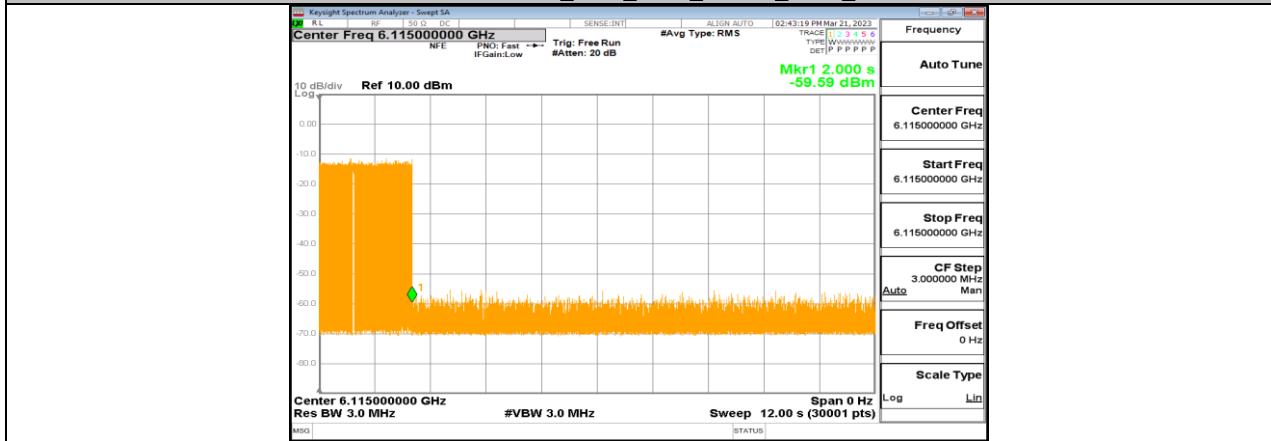
11.7.2. Test Graphs



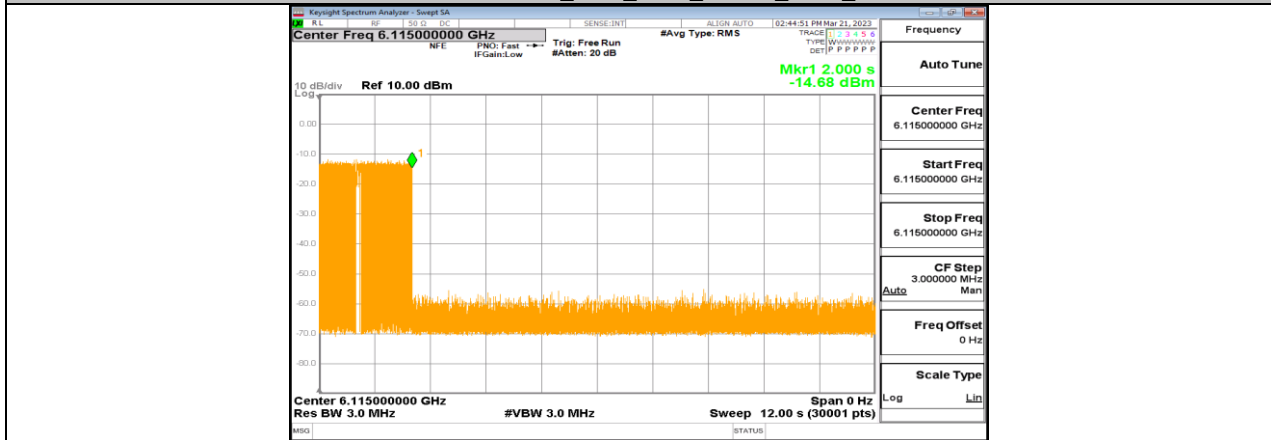




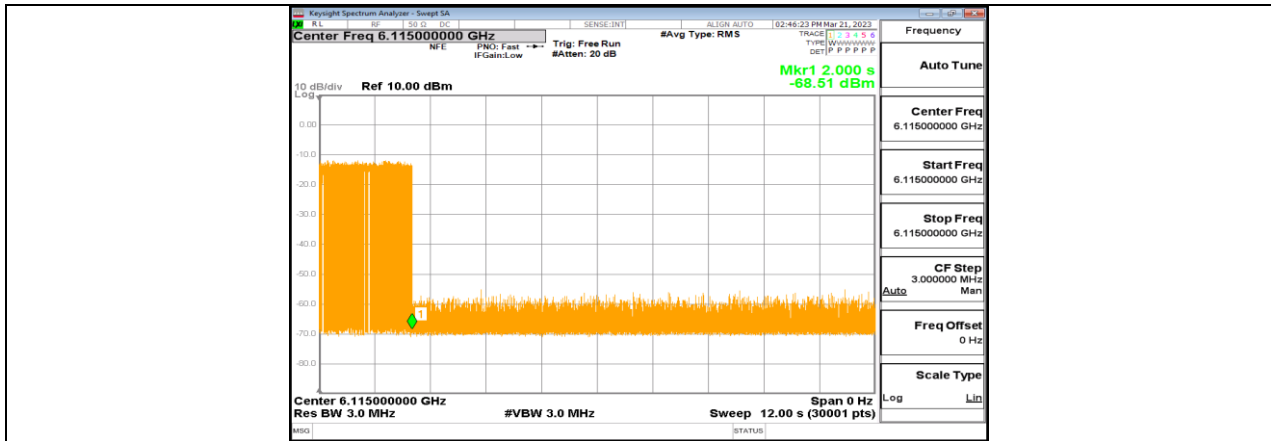
11BE20MIMO\_Ant2\_6115\_Center\_6115\_3



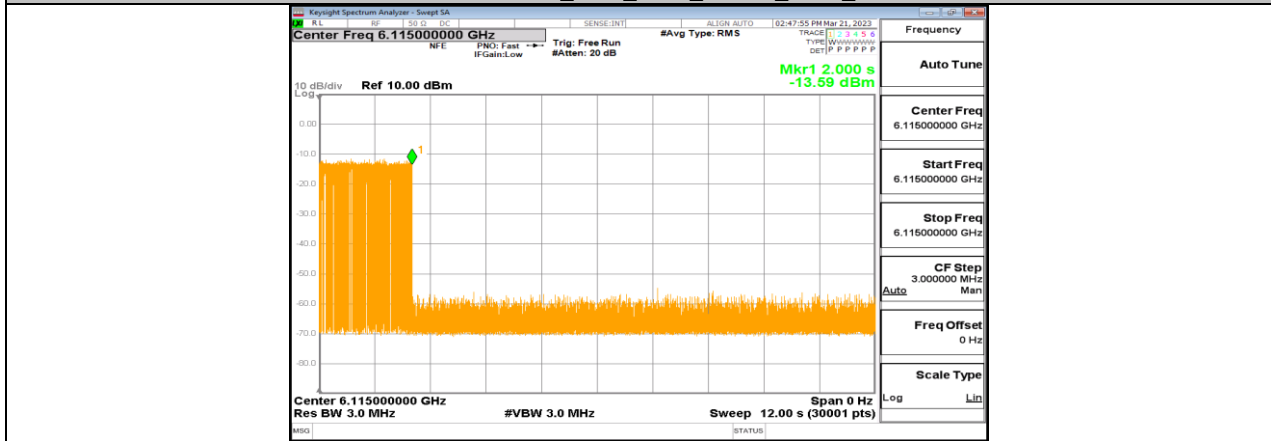
11BE20MIMO\_Ant2\_6115\_Center\_6115\_4



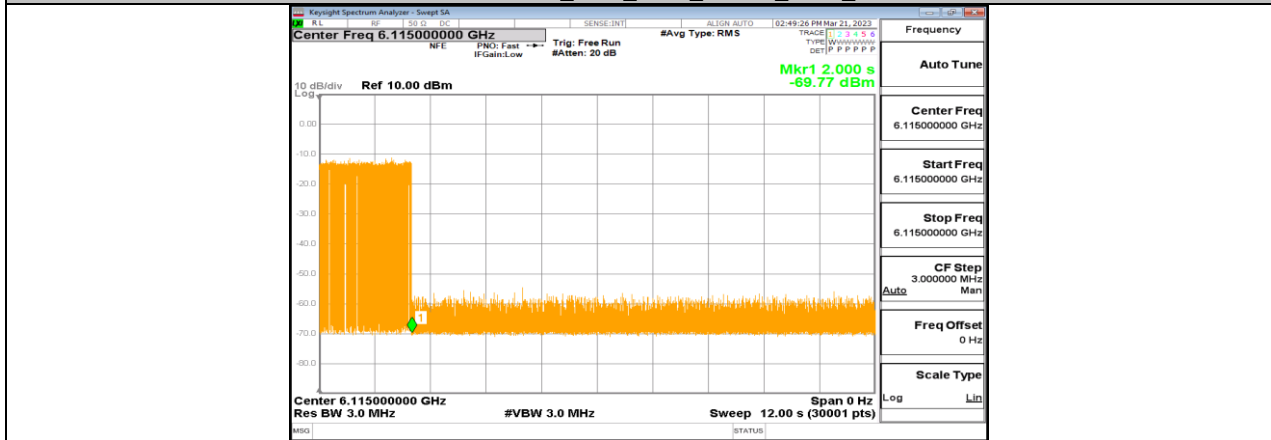
11BE20MIMO\_Ant2\_6115\_Center\_6115\_5



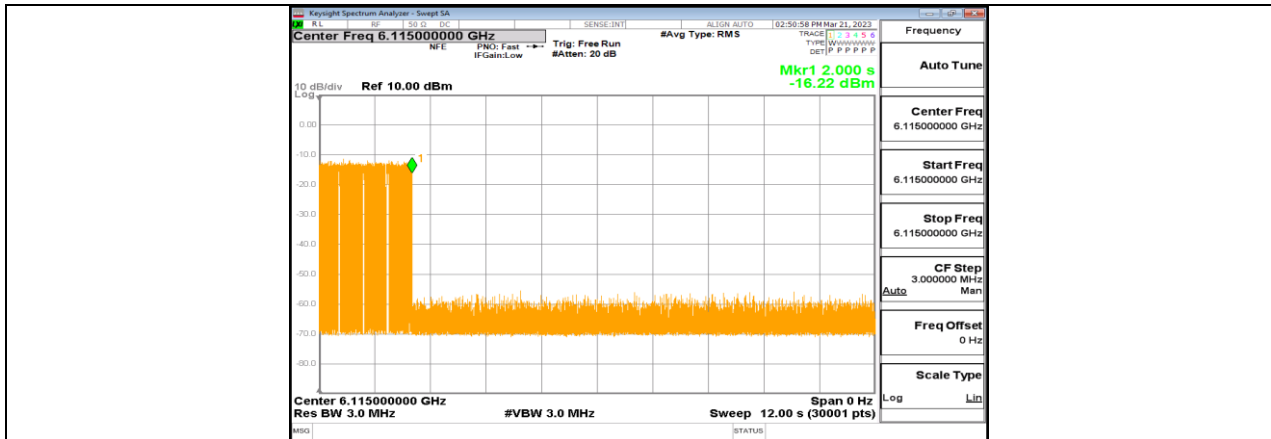
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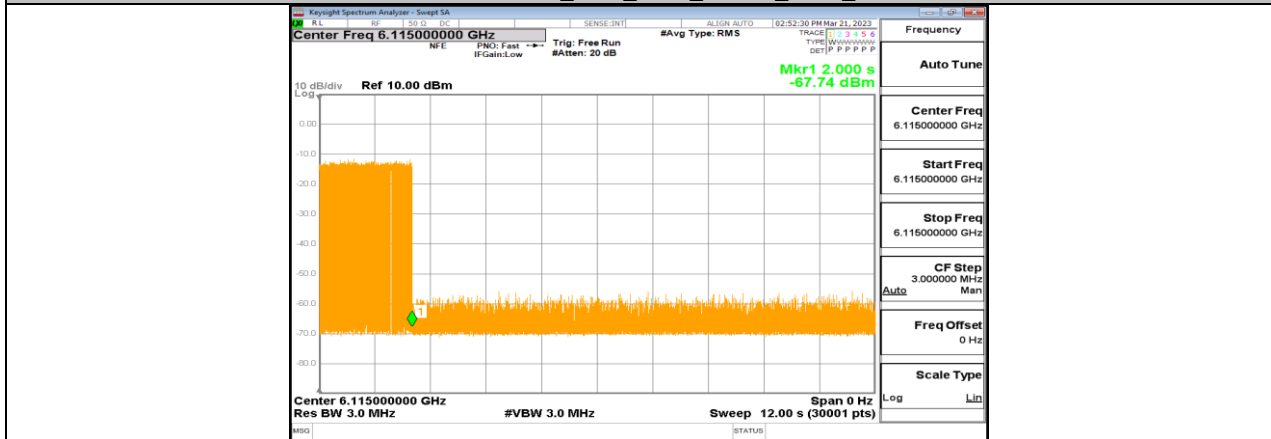
11BE20MIMO\_Ant2\_6115\_Center\_6115\_7



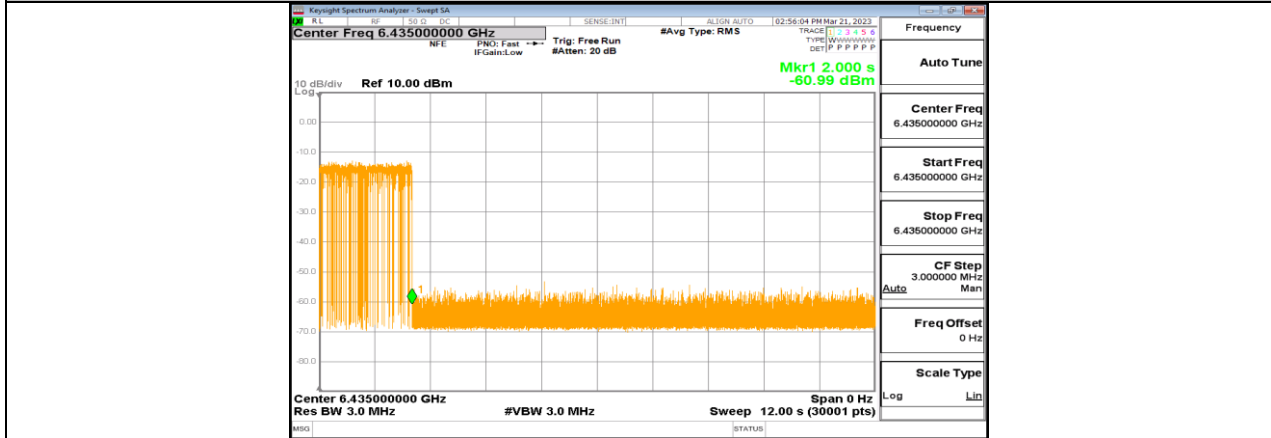
11BE20MIMO\_Ant2\_6115\_Center\_6115\_8



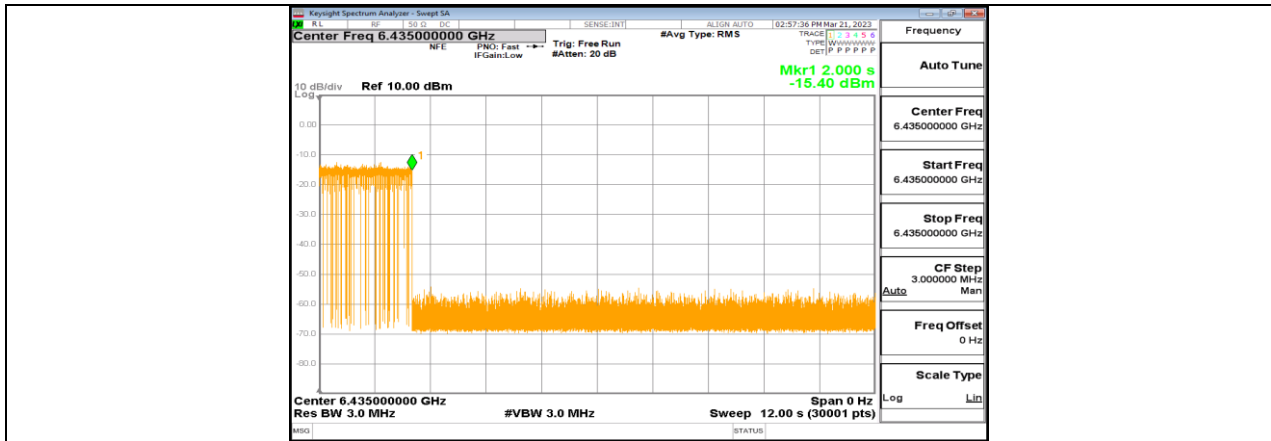
11BE20MIMO\_Ant2\_6115\_Center\_6115\_9



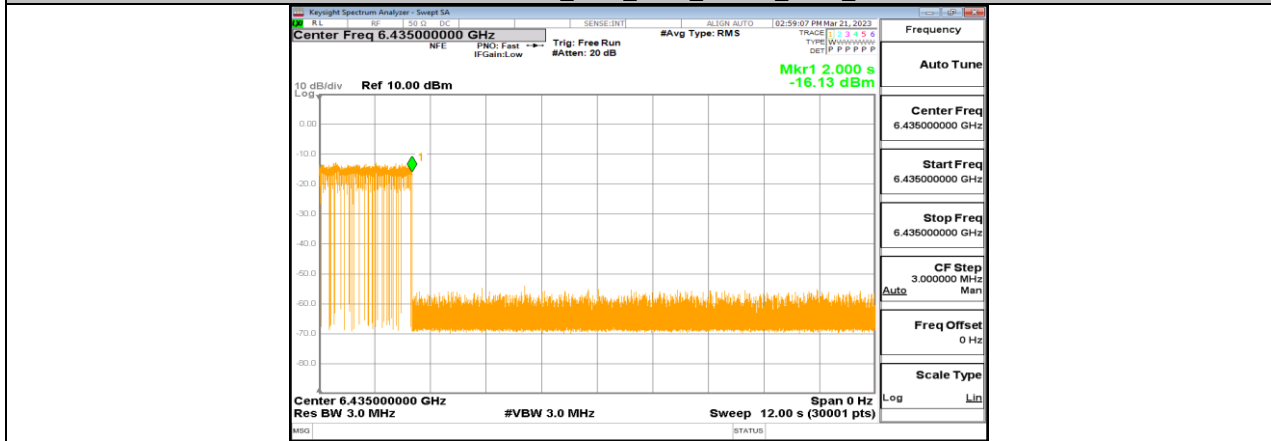
11BE20MIMO\_Ant2\_6115\_Center\_6115\_10



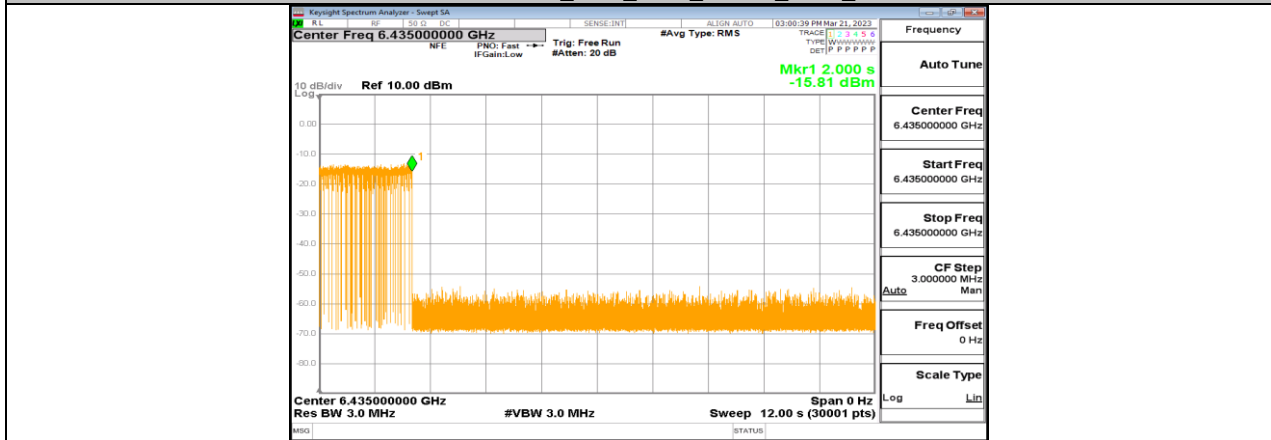
11BE20MIMO\_Ant2\_6435\_Center\_6435\_1



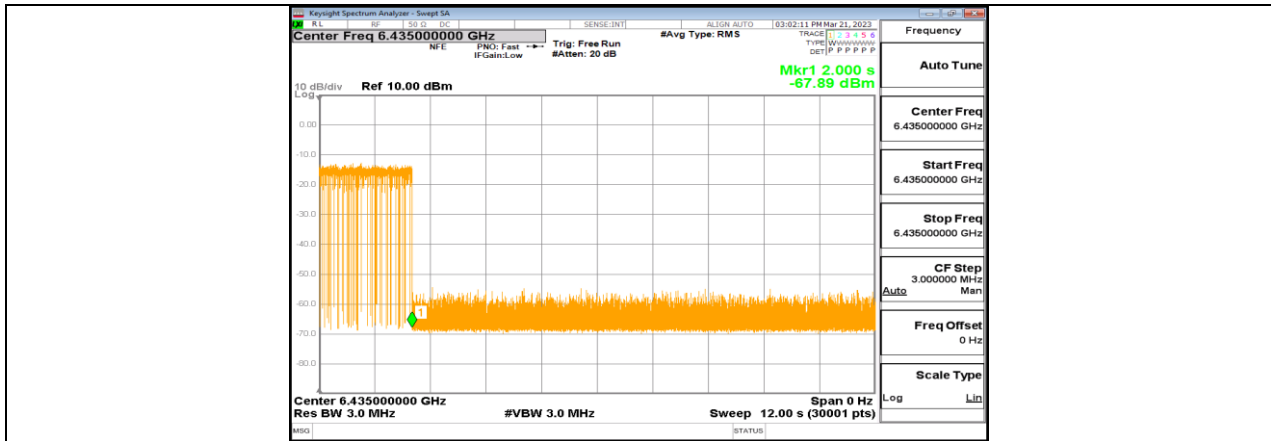
11BE20MIMO\_Ant2\_6435\_Center\_6435\_2



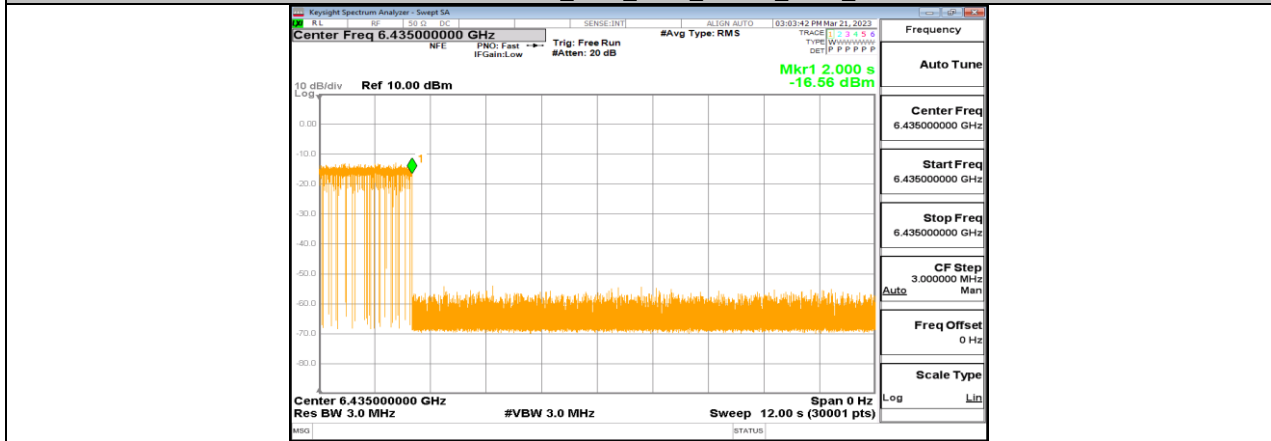
11BE20MIMO\_Ant2\_6435\_Center\_6435\_3



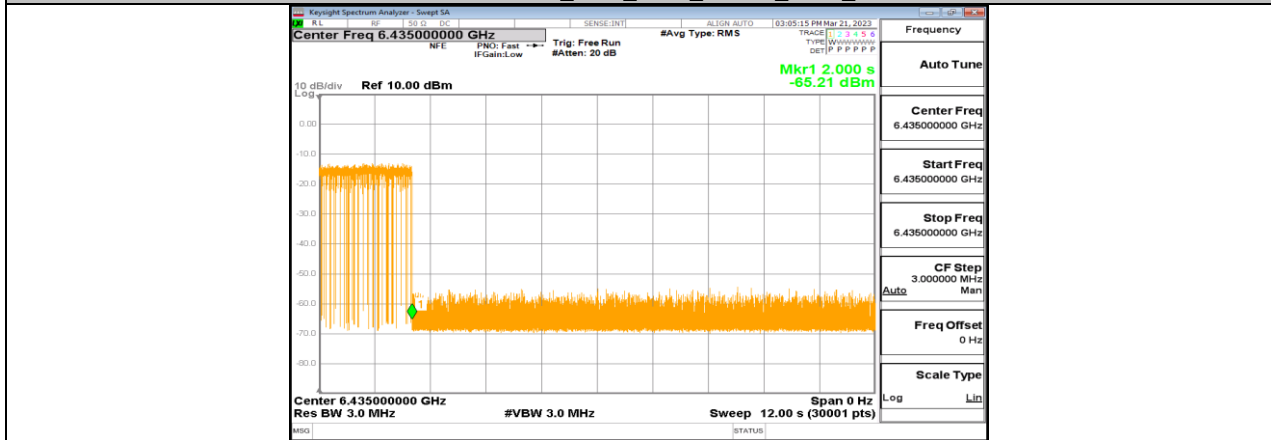
11BE20MIMO\_Ant2\_6435\_Center\_6435\_4



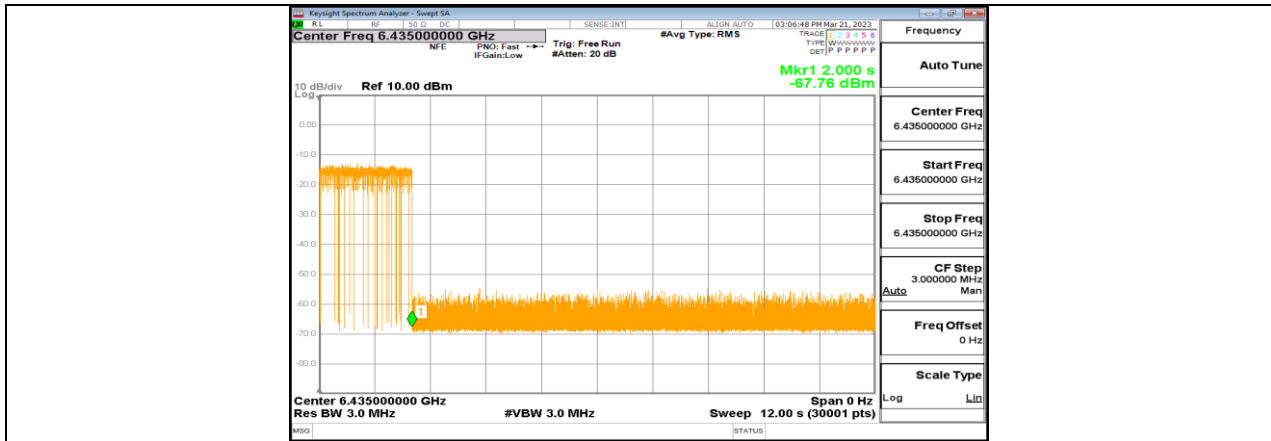
11BE20MIMO\_Ant2\_6435\_Center\_6435\_5



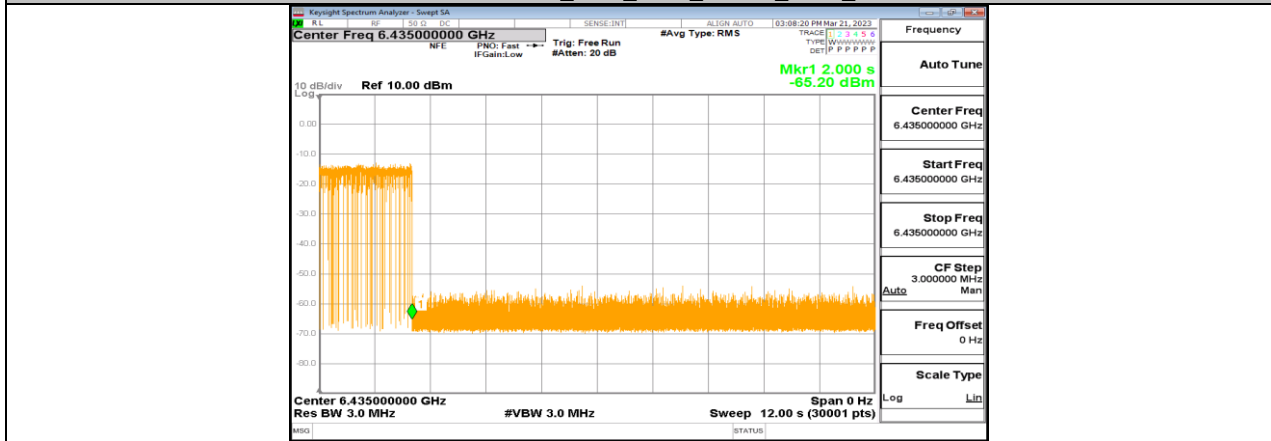
11BE20MIMO\_Ant2\_6435\_Center\_6435\_6



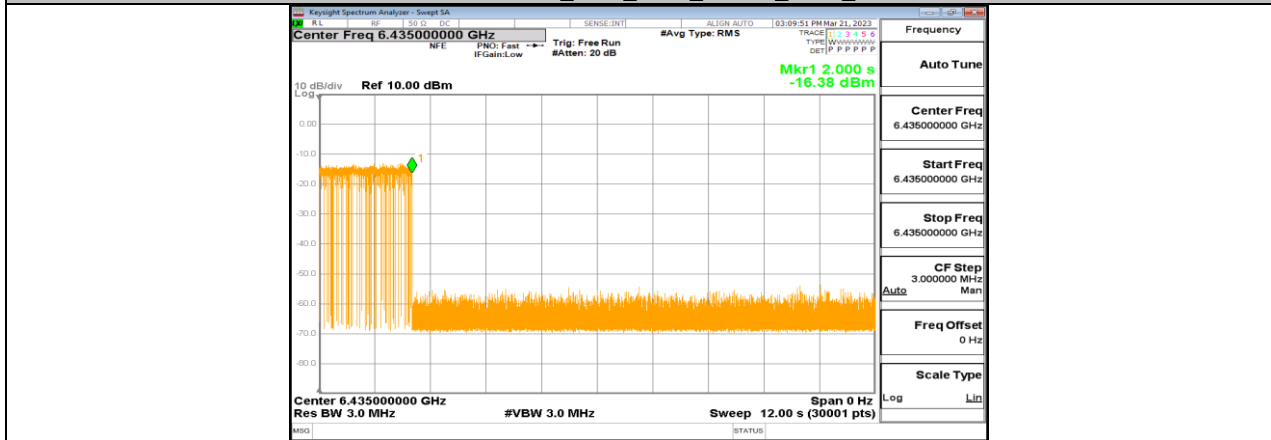
11BE20MIMO\_Ant2\_6435\_Center\_6435\_7



11BE20MIMO\_Ant2\_6435\_Center\_6435\_8

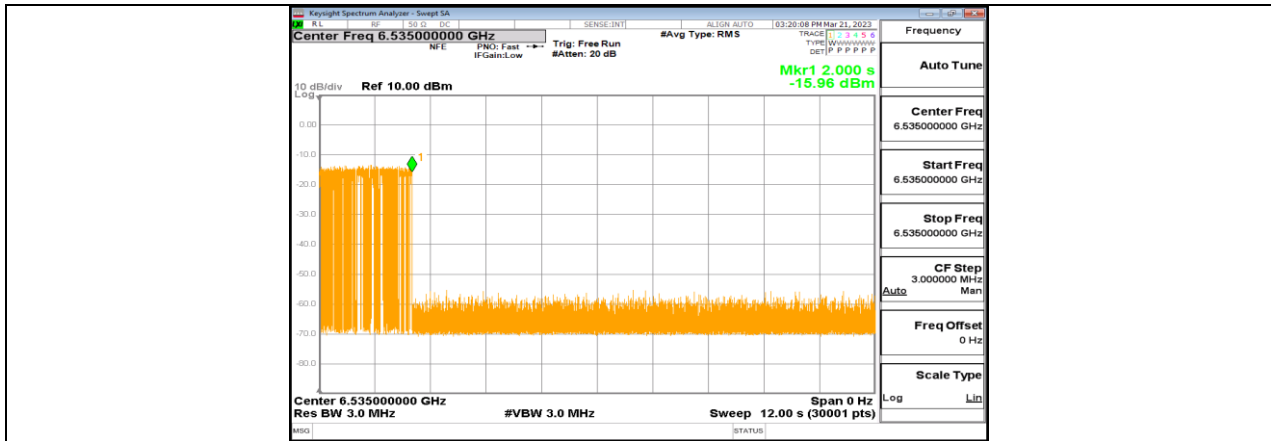


11BE20MIMO\_Ant2\_6435\_Center\_6435\_9

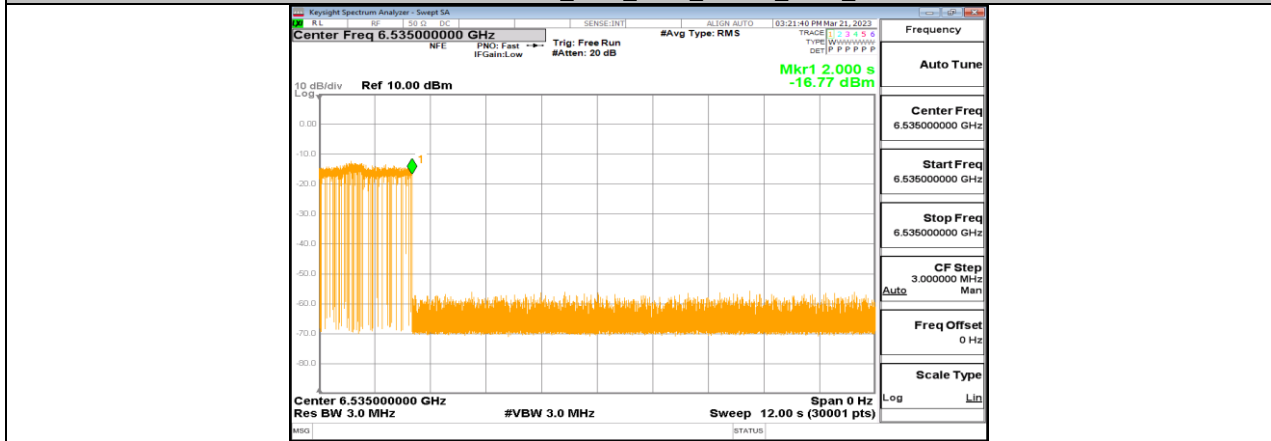


11BE20MIMO\_Ant2\_6435\_Center\_6435\_10

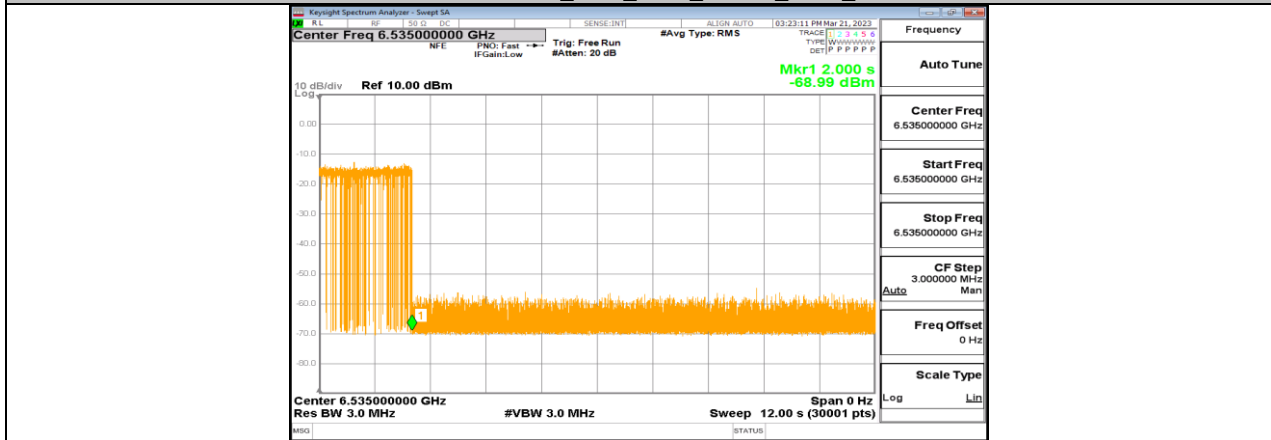




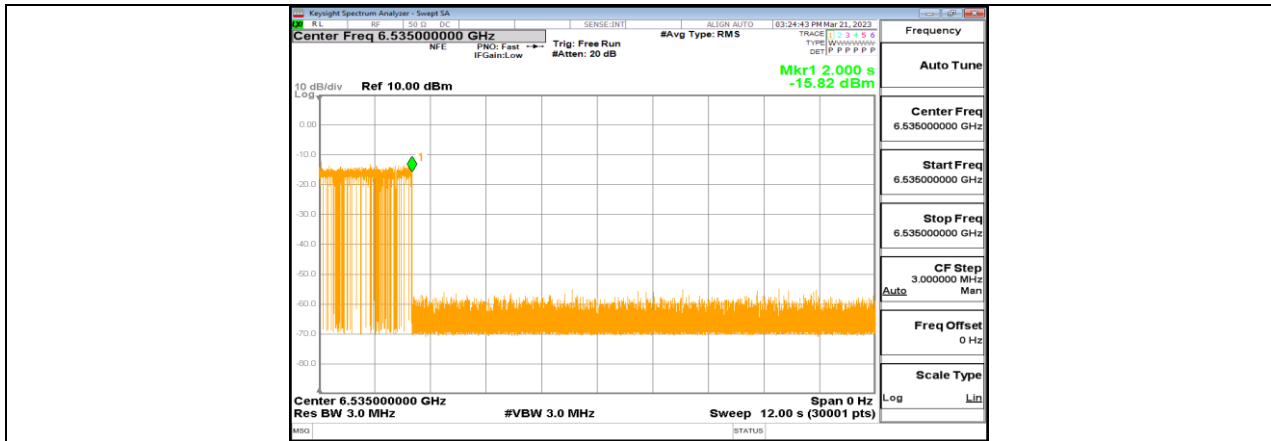
11BE20MIMO\_Ant2\_6535\_Center\_6535\_1



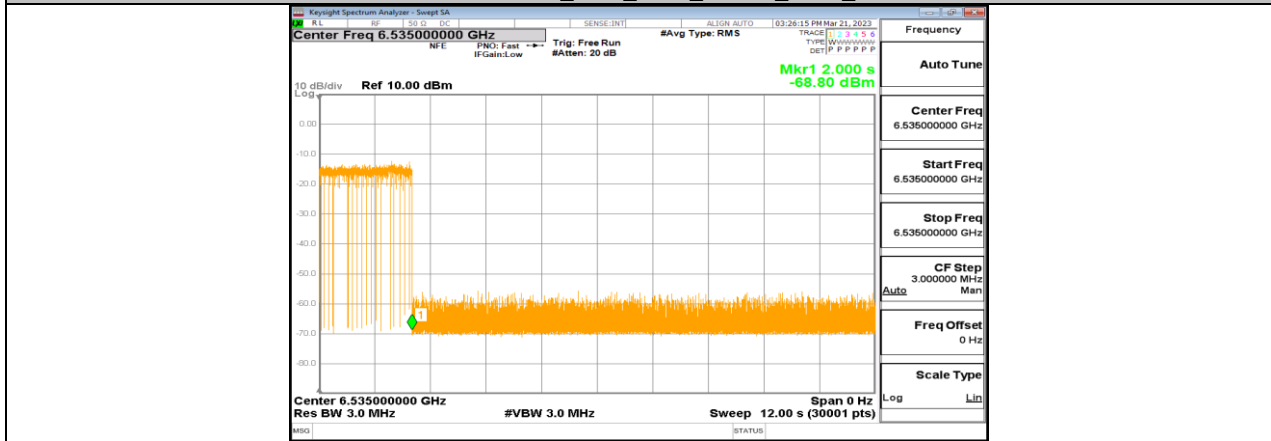
11BE20MIMO\_Ant2\_6535\_Center\_6535\_2



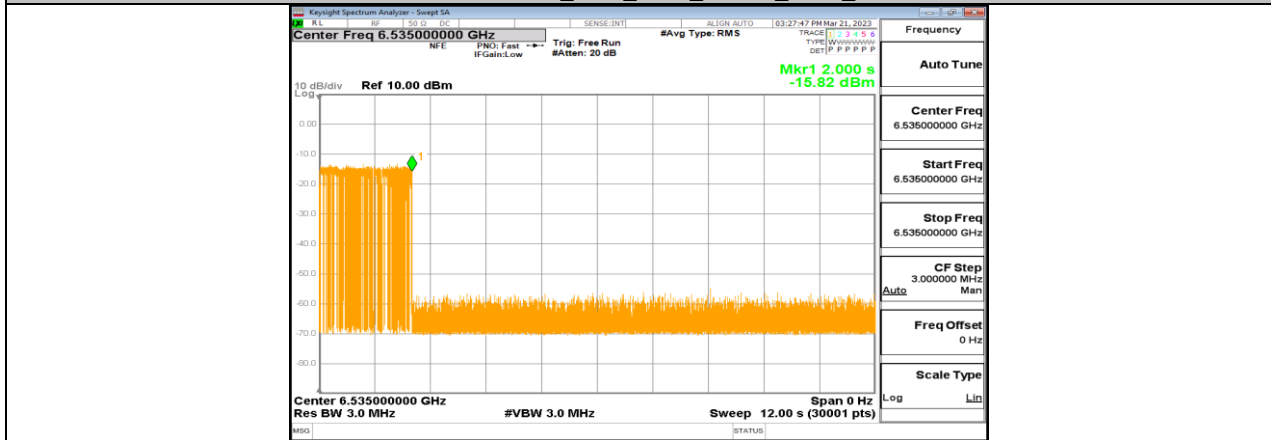
11BE20MIMO\_Ant2\_6535\_Center\_6535\_3



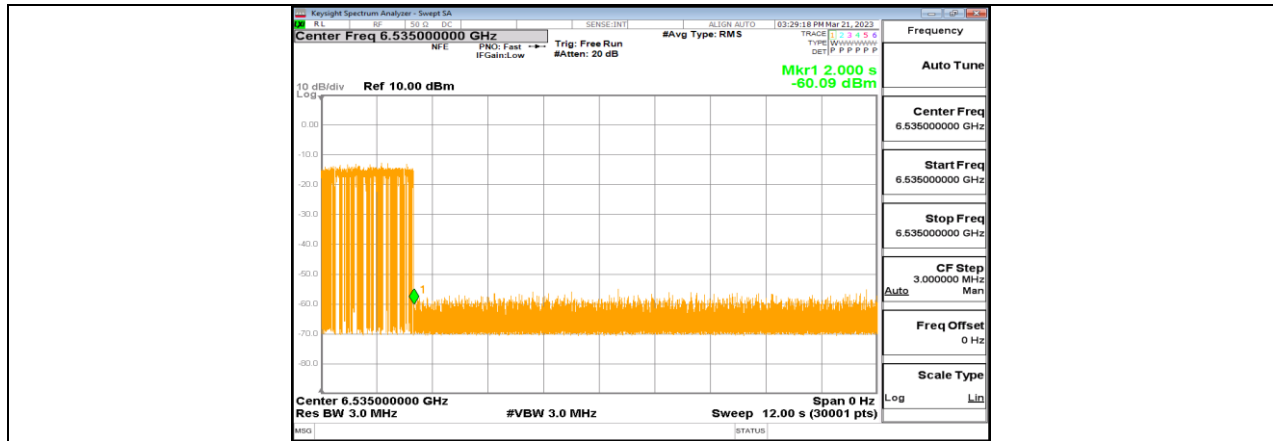
11BE20MIMO\_Ant2\_6535\_Center\_6535\_4



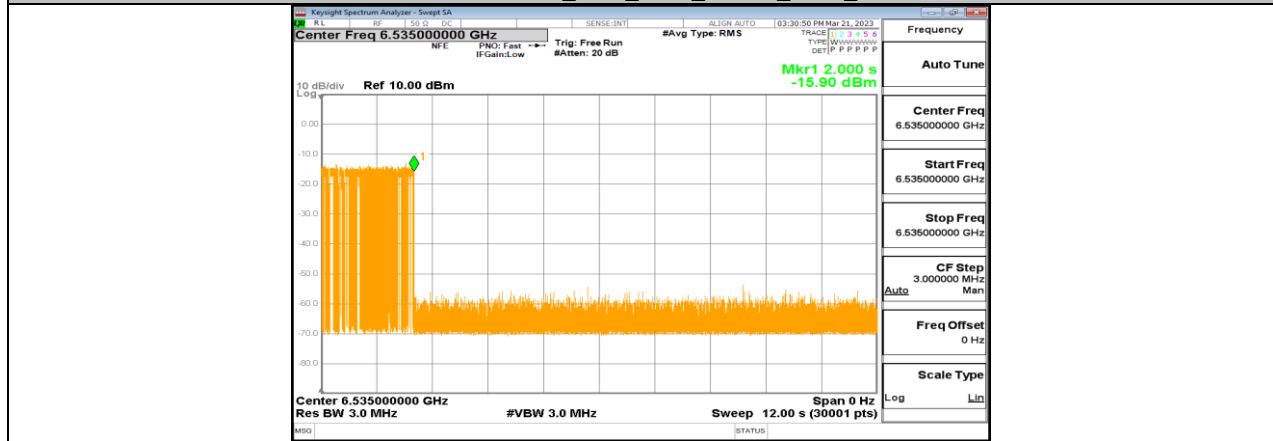
11BE20MIMO\_Ant2\_6535\_Center\_6535\_5



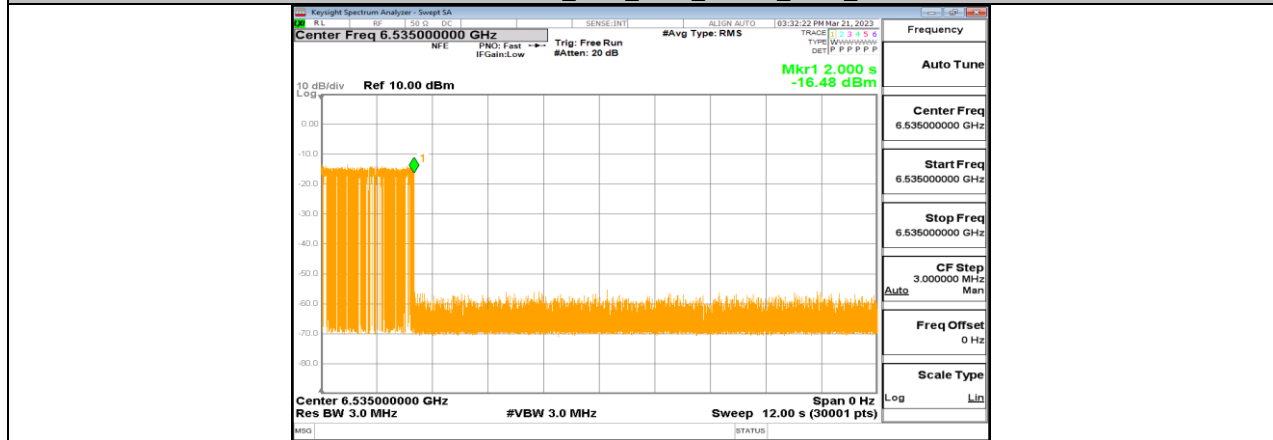
11BE20MIMO\_Ant2\_6535\_Center\_6535\_6



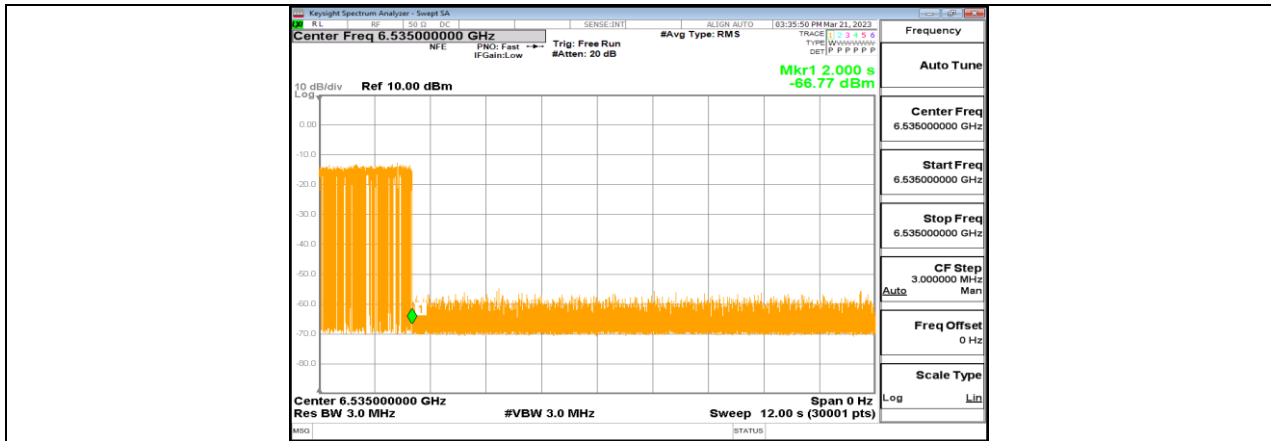
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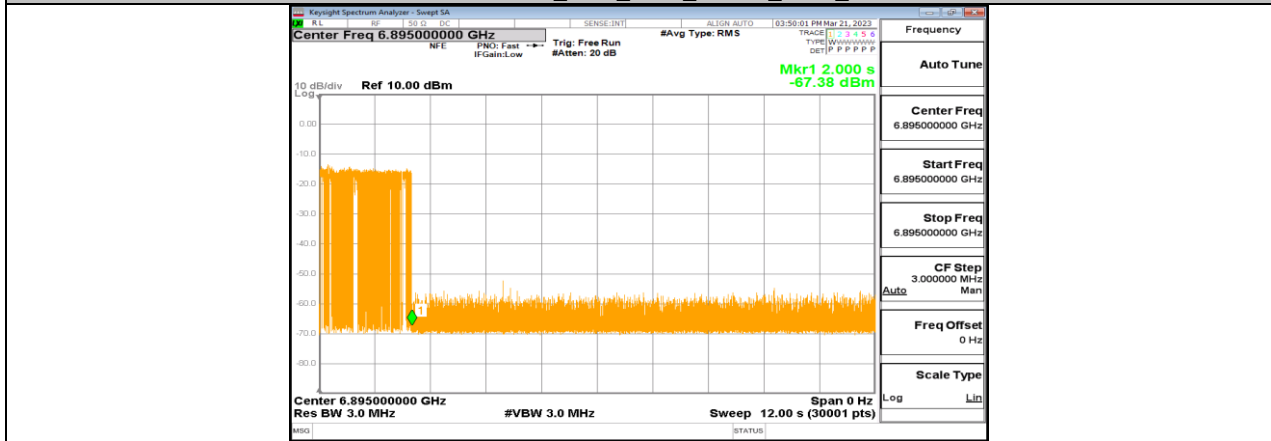
11BE20MIMO\_Ant2\_6535\_Center\_6535\_8



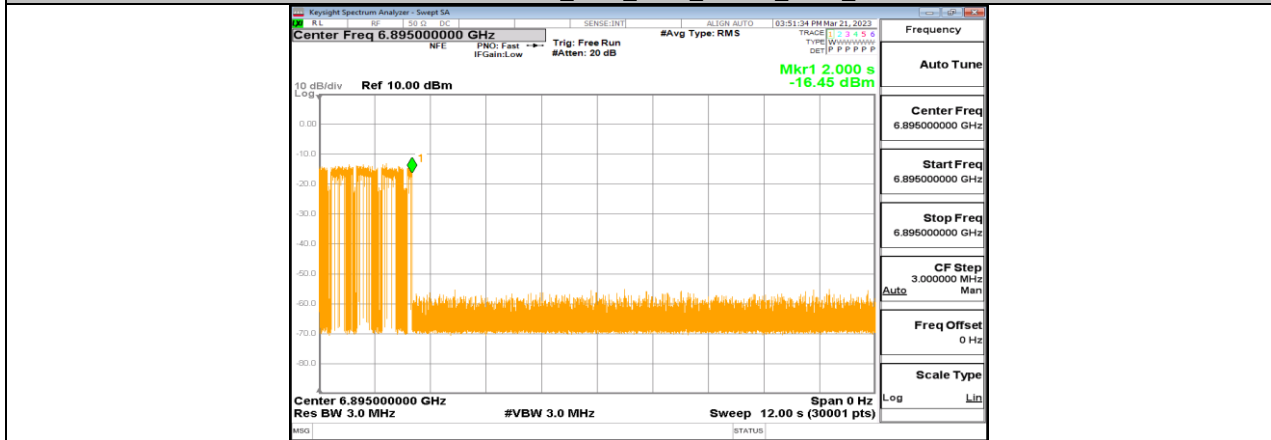
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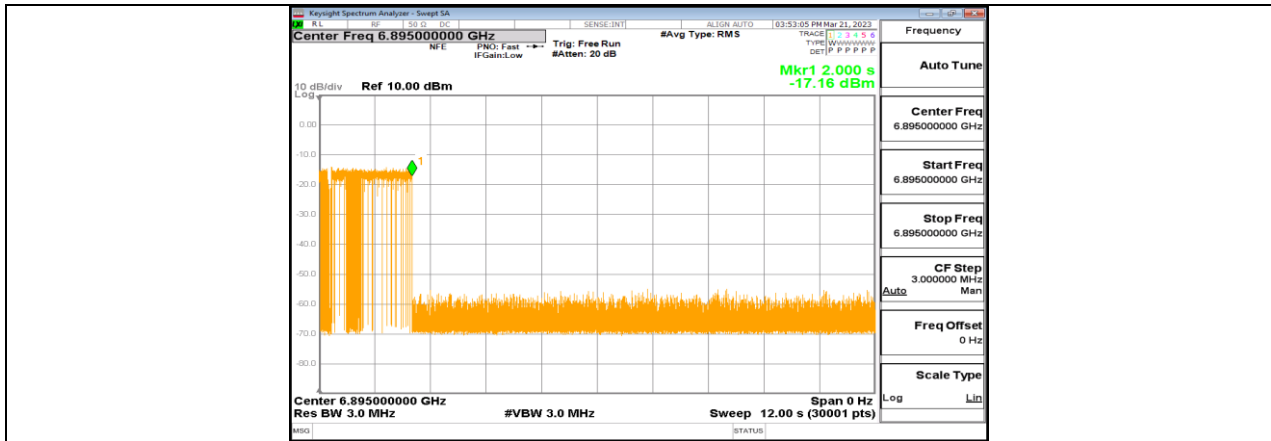
11BE20MIMO\_Ant2\_6535\_Center\_6535\_10



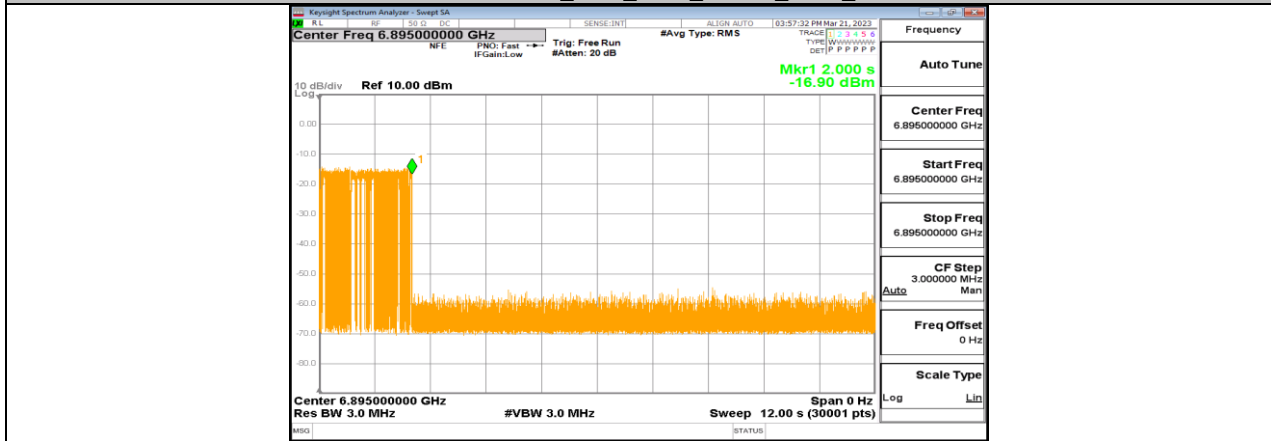
11BE20MIMO\_Ant2\_6895\_Center\_6895\_1



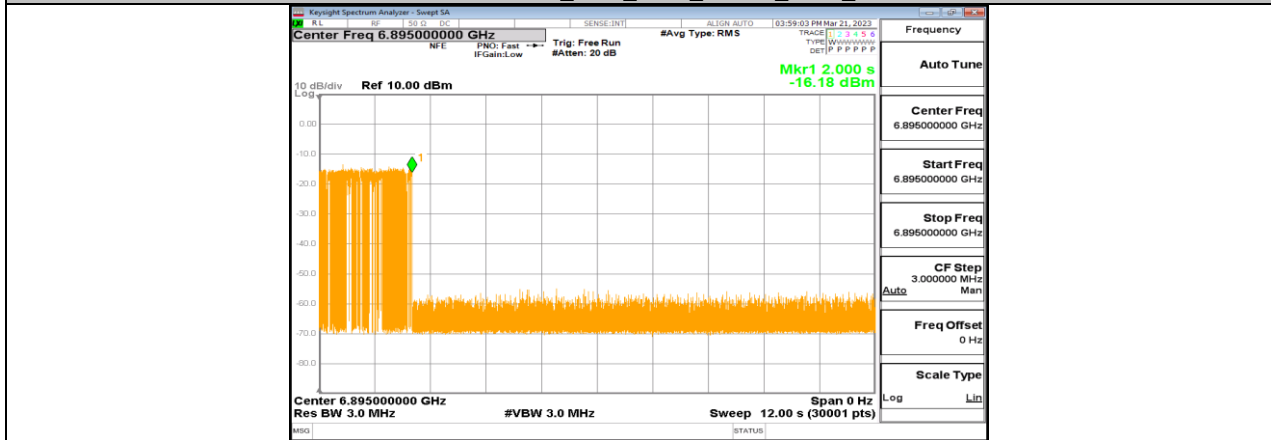
11BE20MIMO\_Ant2\_6895\_Center\_6895\_2



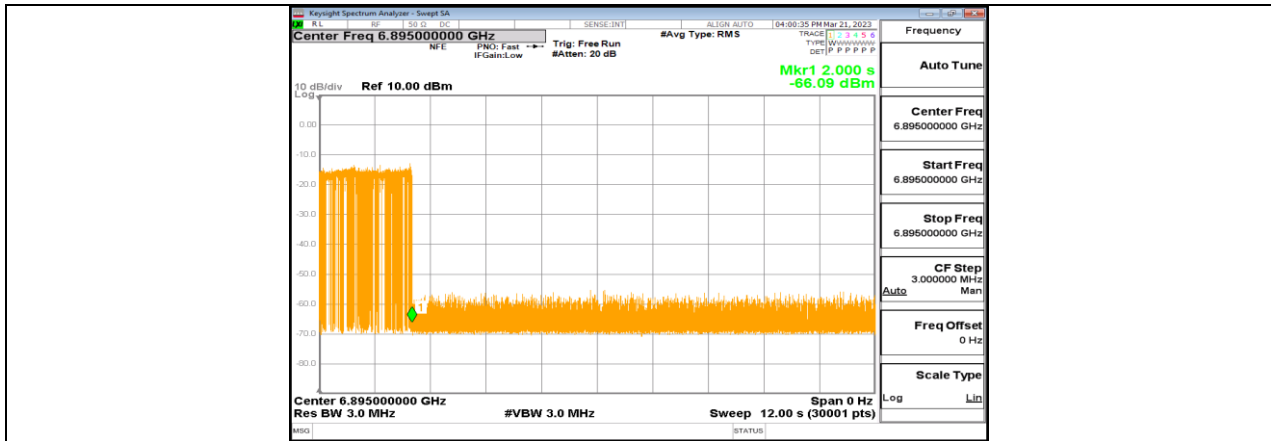
11BE20MIMO\_Ant2\_6895\_Center\_6895\_3



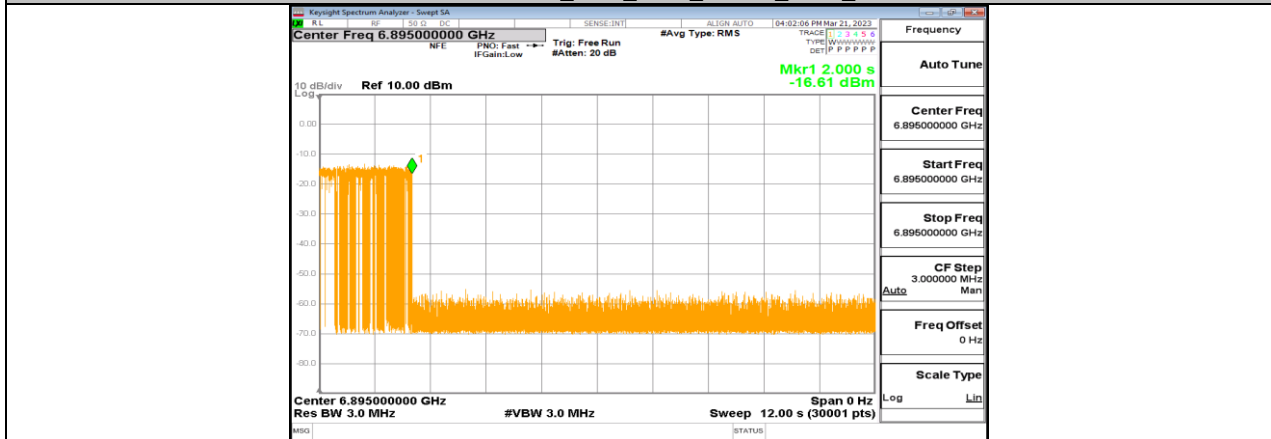
11BE20MIMO\_Ant2\_6895\_Center\_6895\_4



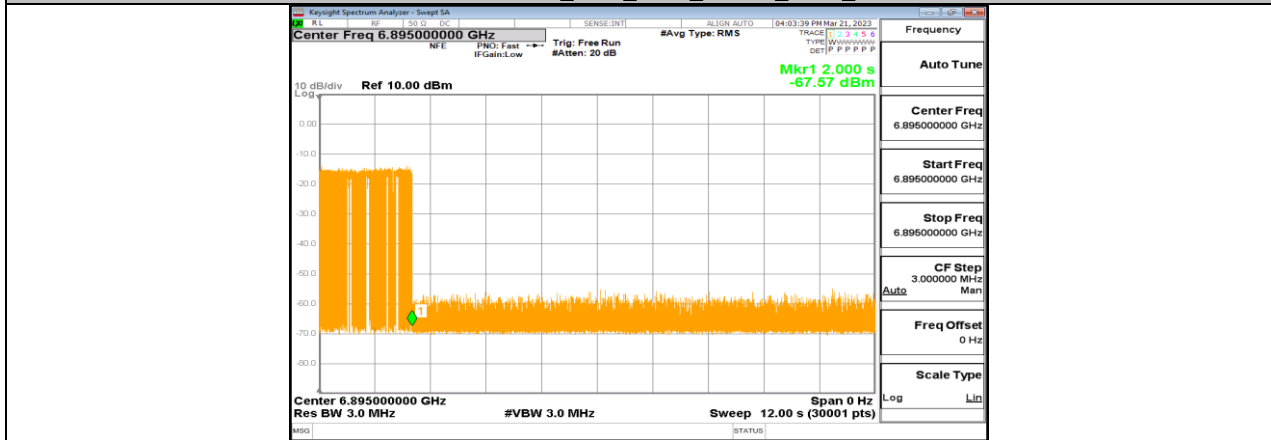
11BE20MIMO\_Ant2\_6895\_Center\_6895\_5



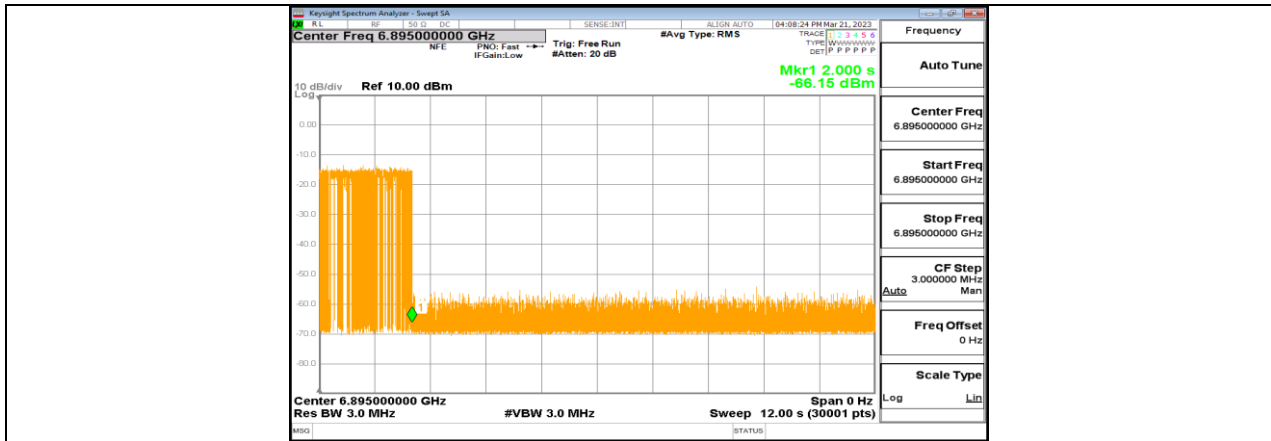
11BE20MIMO\_Ant2\_6895\_Center\_6895\_6



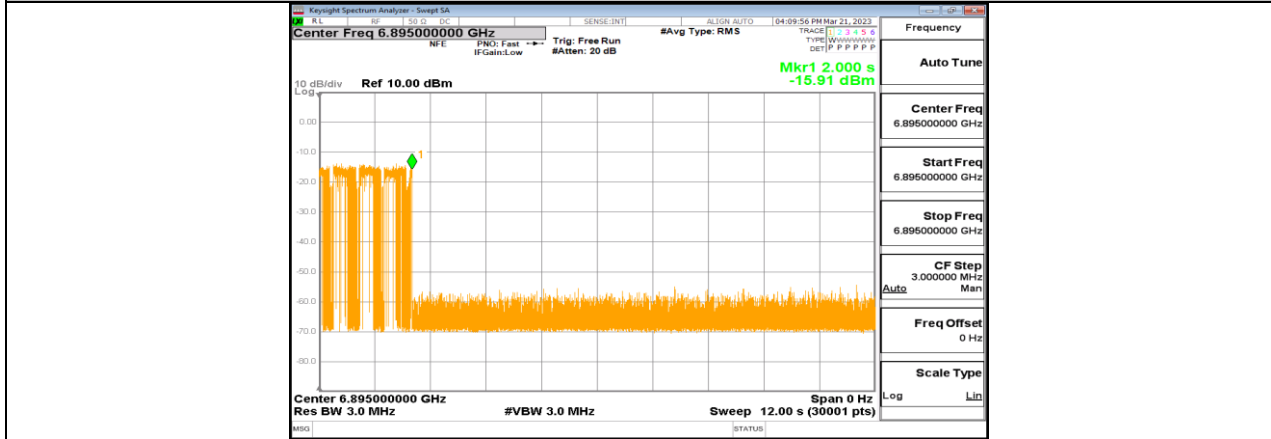
11BE20MIMO\_Ant2\_6895\_Center\_6895\_7



11BE20MIMO\_Ant2\_6895\_Center\_6895\_8



11BE20MIMO\_Ant2\_6895\_Center\_6895\_9



11BE20MIMO\_Ant2\_6895\_Center\_6895\_10

## 11.8. APPENDIX G: FREQUENCY STABILITY

### 11.8.1. Test Result

Frequency Error vs. Voltage									
802.11ax HE20: 6115 MHz									
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	6115.0063	1.03	6114.9853	-2.41	6115.0190	3.11	6114.9976	-0.40
TN	VN	6115.0016	0.27	6115.0134	2.19	6115.0222	3.64	6115.0070	1.14
TN	VH	6114.9999	-0.02	6114.9893	-1.74	6115.0235	3.84	6115.0138	2.25
Frequency Error vs. Temperature									
802.11ax HE20: 6115 MHz									
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	6114.9916	-1.38	6114.9872	-2.09	6114.9844	-2.56	6115.0184	3.01
30	VN	6115.0024	0.39	6114.9830	-2.78	6115.0163	2.66	6114.9764	-3.86
20	VN	6114.9951	-0.80	6115.0183	2.99	6114.9832	-2.75	6115.0161	2.63
10	VN	6114.9962	-0.62	6115.0174	2.84	6114.9772	-3.73	6115.0078	1.28
0	VN	6115.0232	3.80	6114.9950	-0.81	6114.9760	-3.92	6115.0094	1.54



Frequency Error vs. Voltage									
802.11ax HE20: 7035 MHz									
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	7034.9815	-2.63	7035.0138	1.95	7034.9796	-2.89	7035.0033	0.47
TN	VN	7035.0130	1.85	7035.0188	2.67	7034.9930	-1.00	7035.0071	1.01
TN	VH	7034.9932	-0.97	7035.0125	1.78	7035.0032	0.46	7034.9906	-1.34
Frequency Error vs. Temperature									
802.11ax HE20: 7035 MHz									
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	7035.0102	1.45	7035.0034	0.49	7035.0180	2.56	7035.0144	2.05
30	VN	7034.9967	-0.47	7034.9754	-3.50	7035.0169	2.40	7035.0162	2.30
20	VN	7035.0079	1.13	7034.9941	-0.85	7034.9761	-3.40	7035.0007	0.10
10	VN	7034.9811	-2.69	7034.9928	-1.03	7034.9912	-1.25	7034.9965	-0.49
0	VN	7035.0032	0.45	7035.0138	1.96	7035.0160	2.28	7034.9958	-0.59

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

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**END OF REPORT**