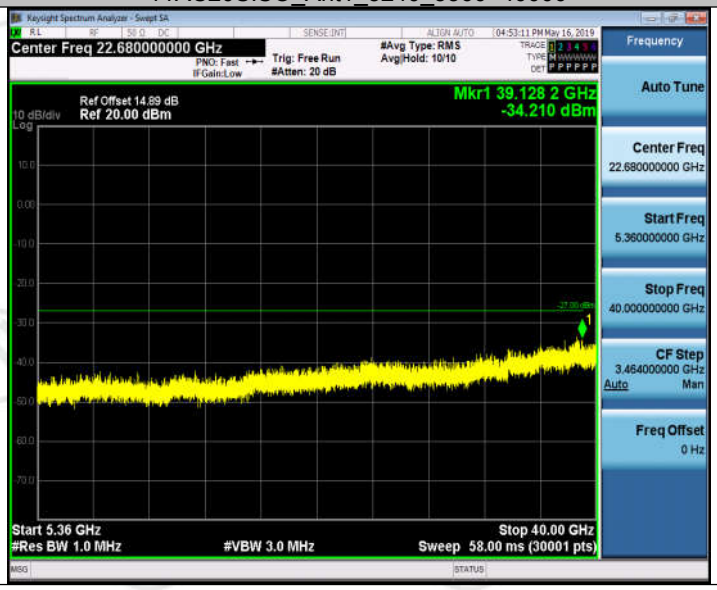
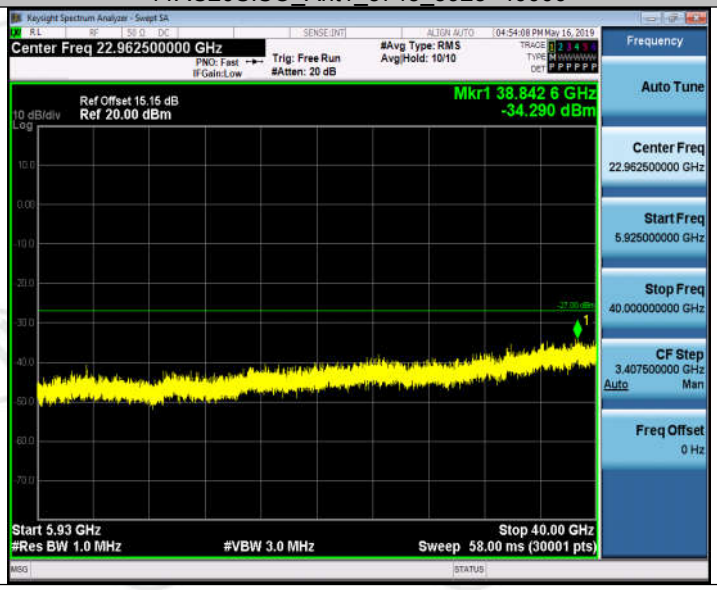
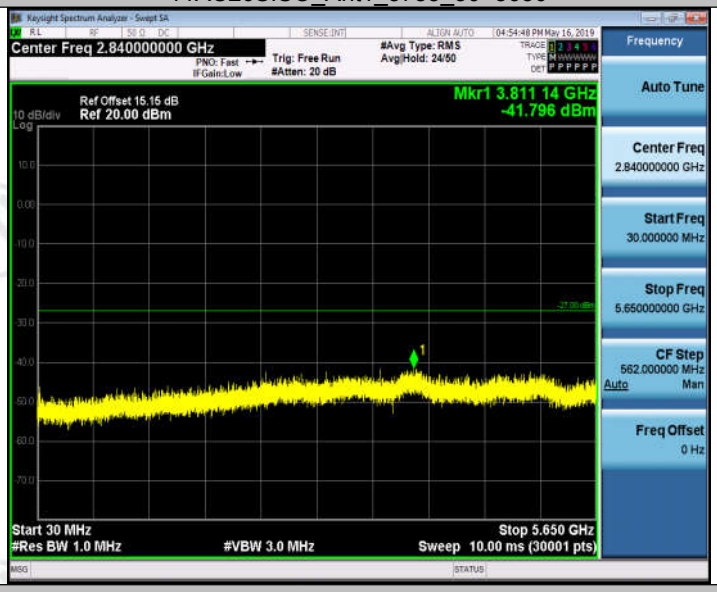
11AC20SISO_Ant1_5240_30~5140

11AC20SISO_Ant1_5240_5360~40000


11AC20SISO_Ant1_5745_30~5650

11AC20SISO_Ant1_5745_5925~40000


11AC20SISO_Ant1_5785_30~5650

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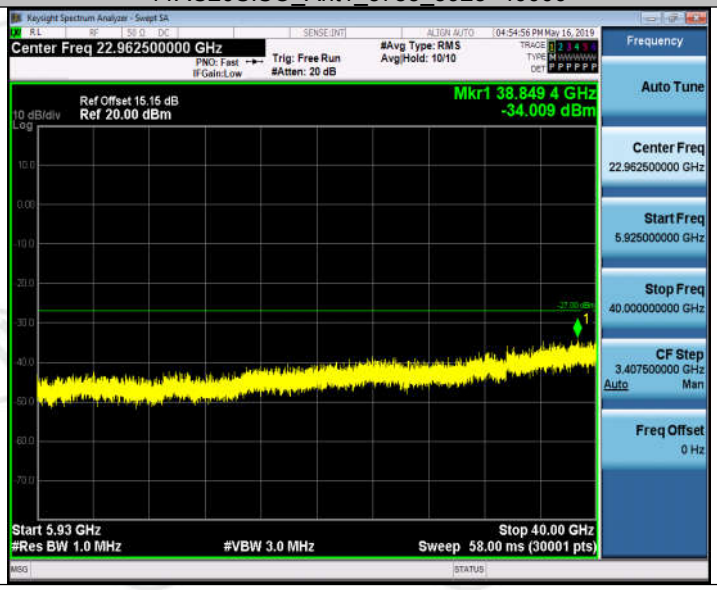
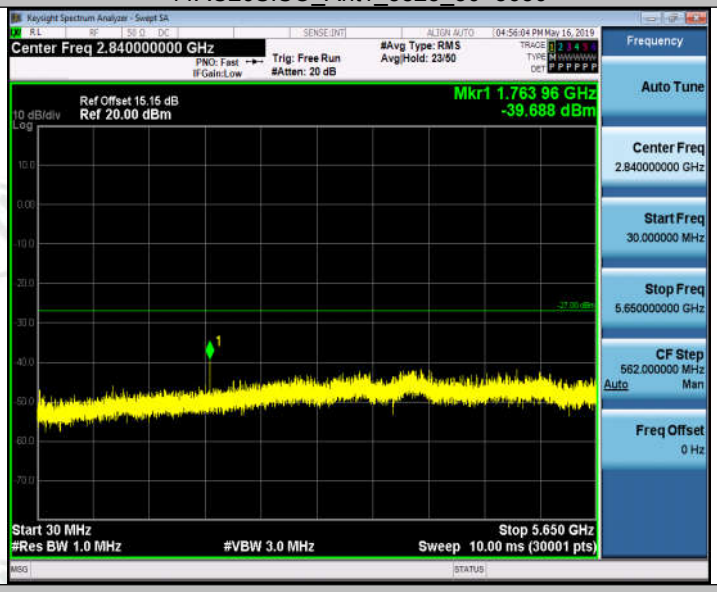


11AC20SISO_Ant1_5825_30~5650

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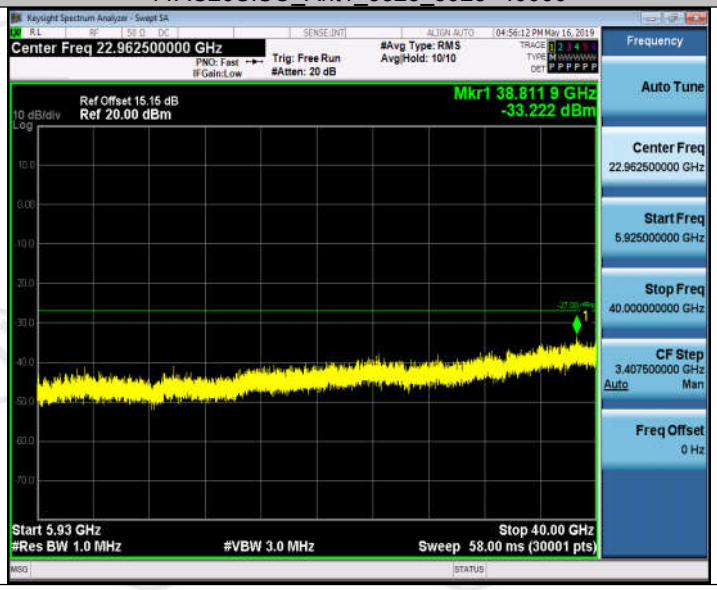
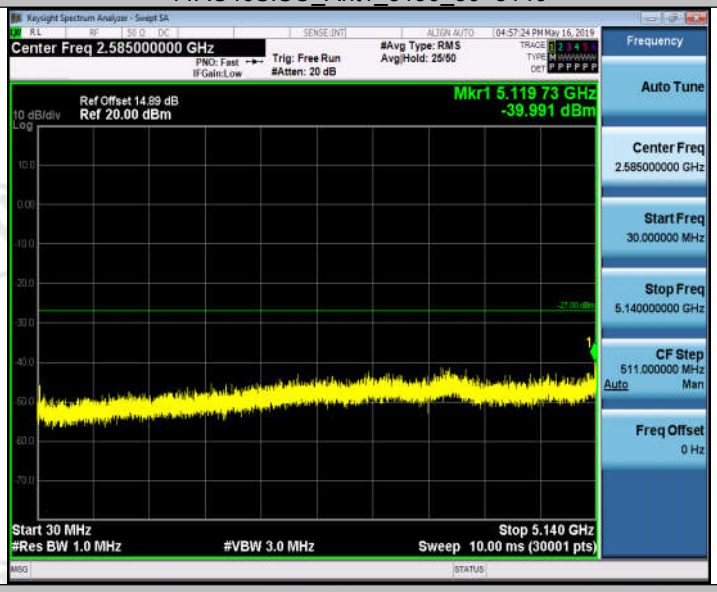
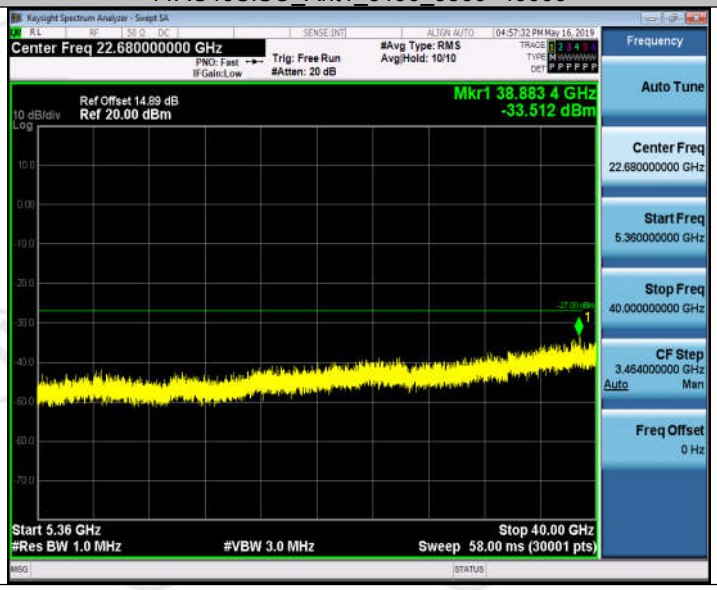


11AC40SISO_Ant1_5190_30~5140

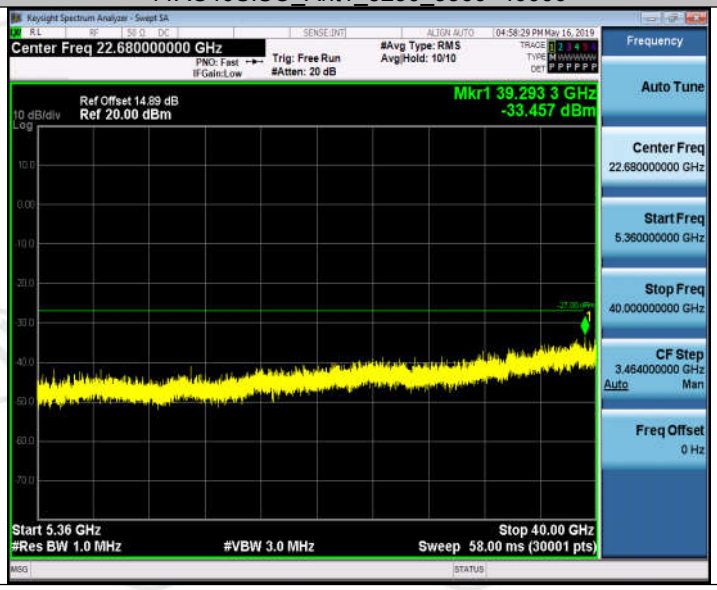


11AC40SISO_Ant1_5190_5360~40000

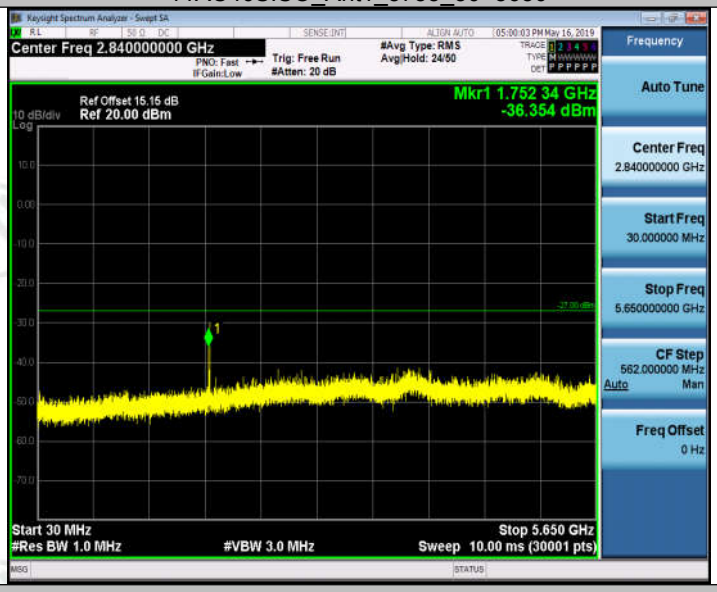


11AC40SISO_Ant1_5230_30~5140

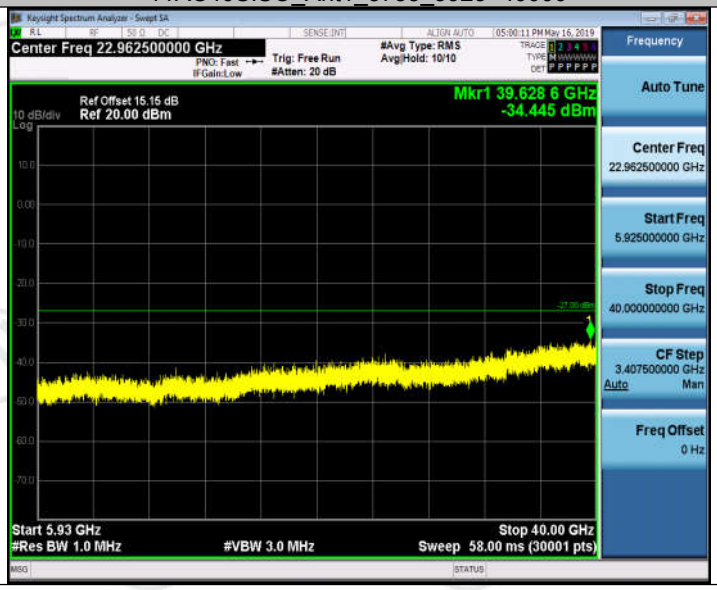
11AC40SISO_Ant1_5230_5360~40000



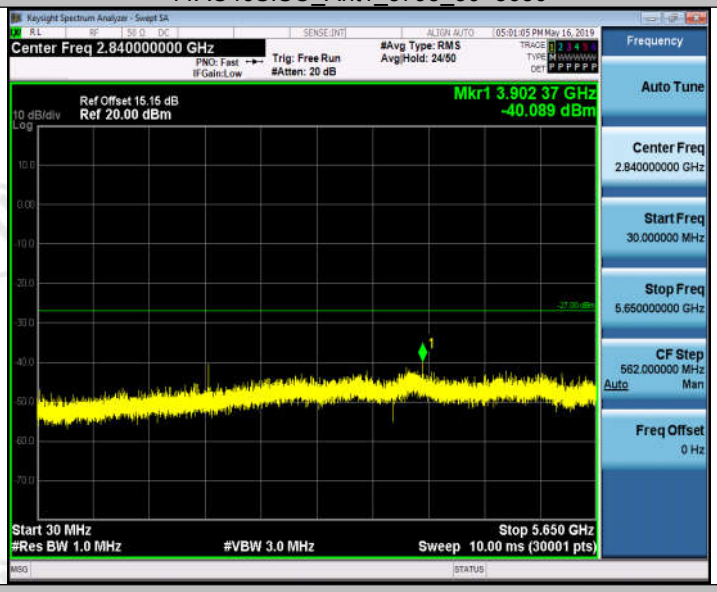
11AC40SISO_Ant1_5755_30~5650



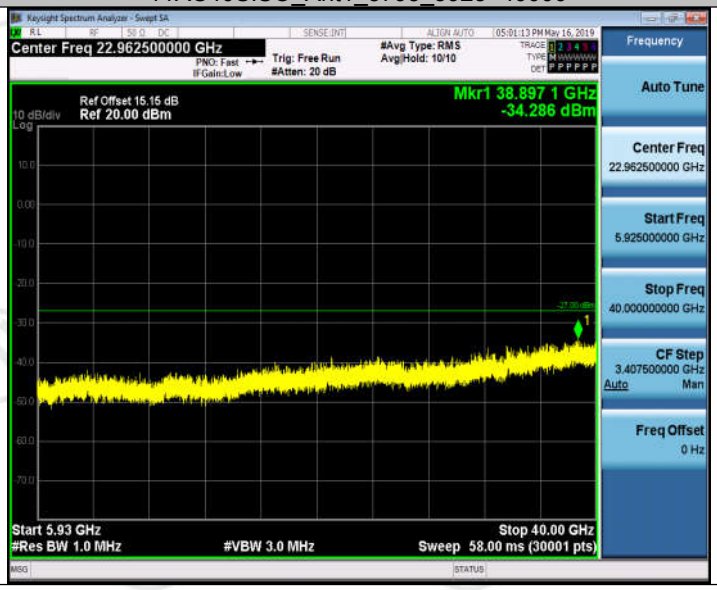
11AC40SISO_Ant1_5755_5925~40000

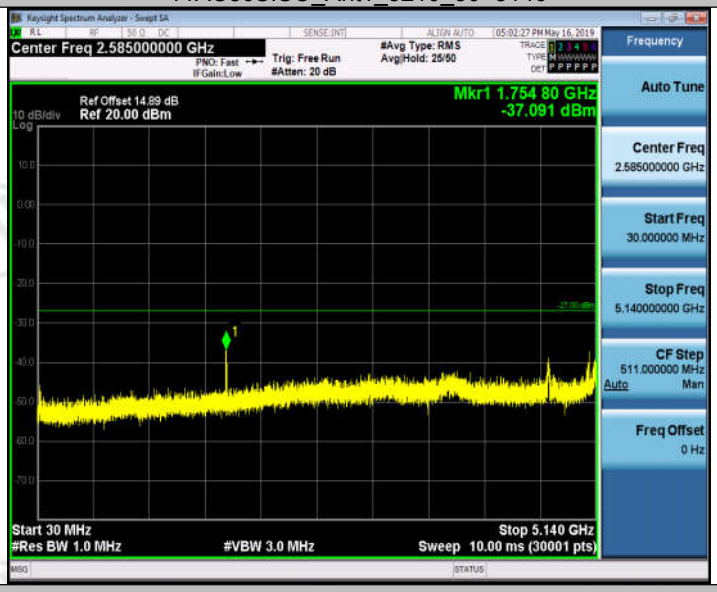
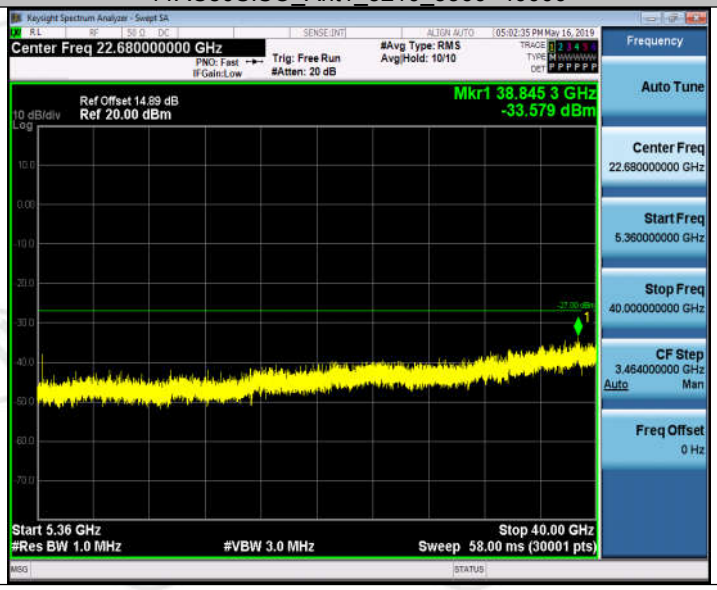


11AC40SISO_Ant1_5795_30~5650

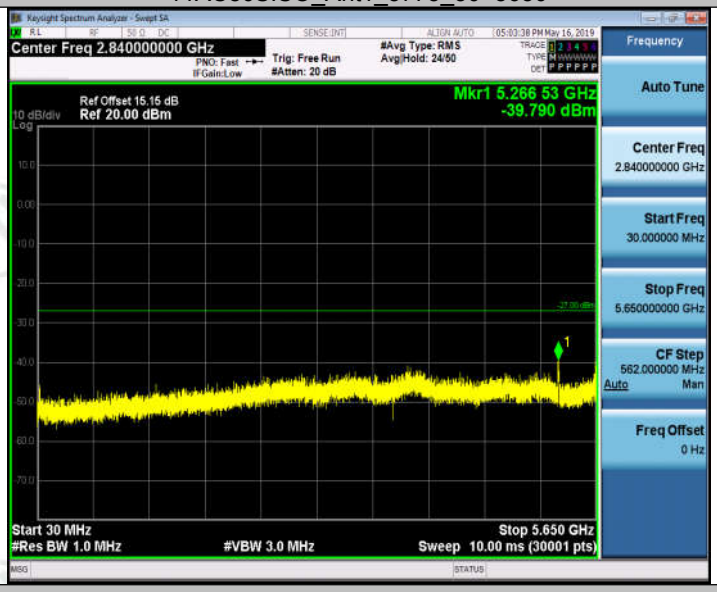


11AC40SISO_Ant1_5795_5925~40000

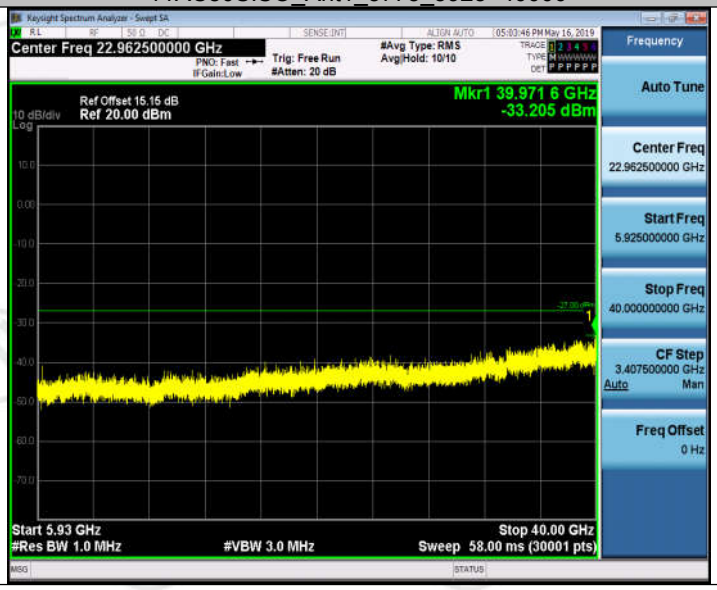


11AC80SISO_Ant1_5210_30~5140

11AC80SISO_Ant1_5210_5360~40000


11AC80SISO_Ant1_5775_30~5650

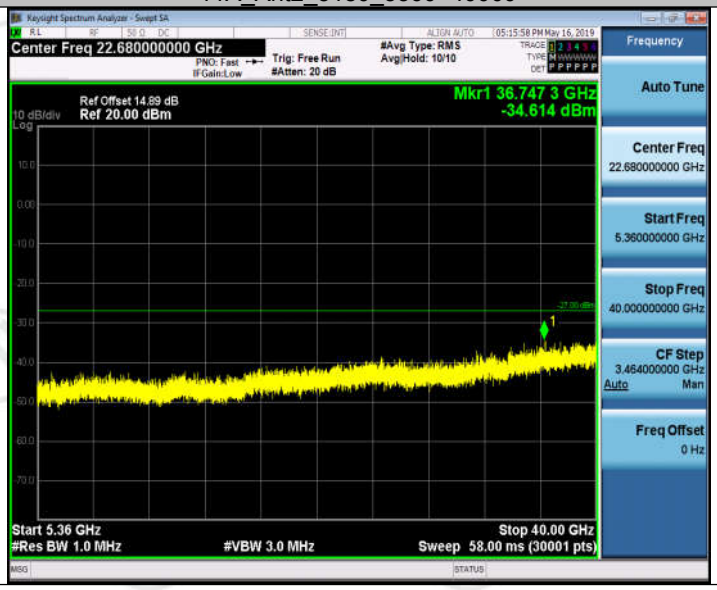


11AC80SISO_Ant1_5775_5925~40000



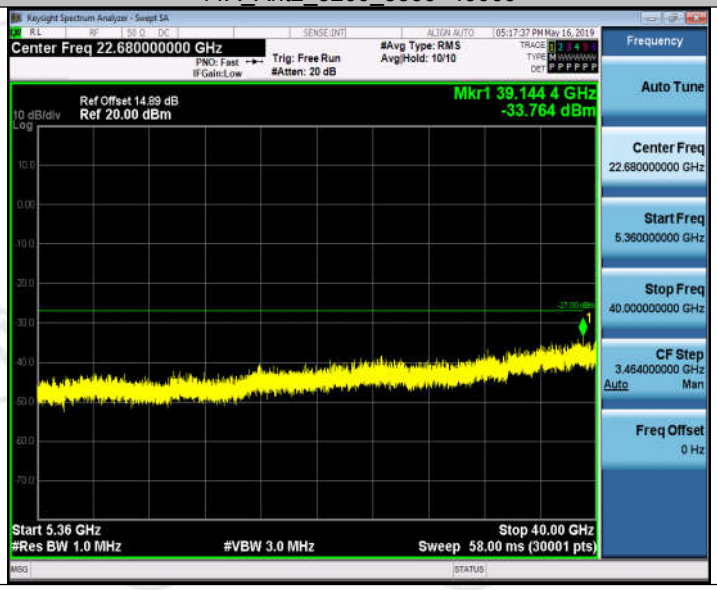
11A_Ant2_5180_30~5140

11A_Ant2_5180_5360~40000

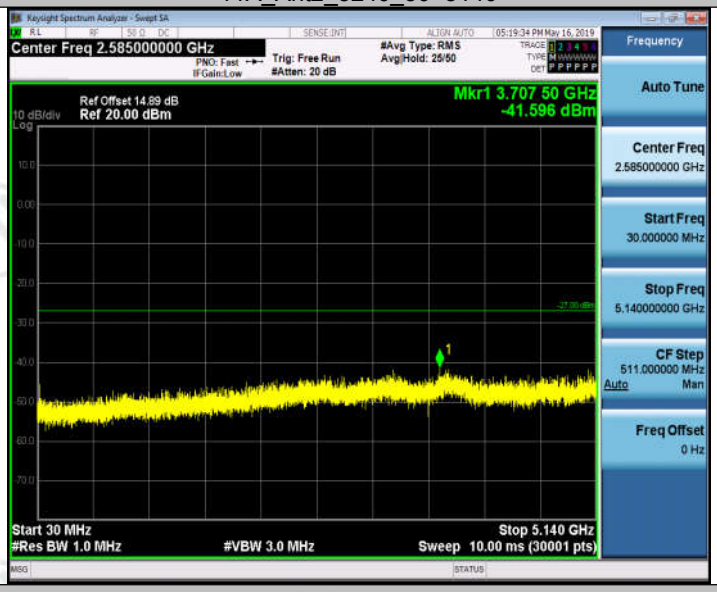


11A_Ant2_5200_30~5140

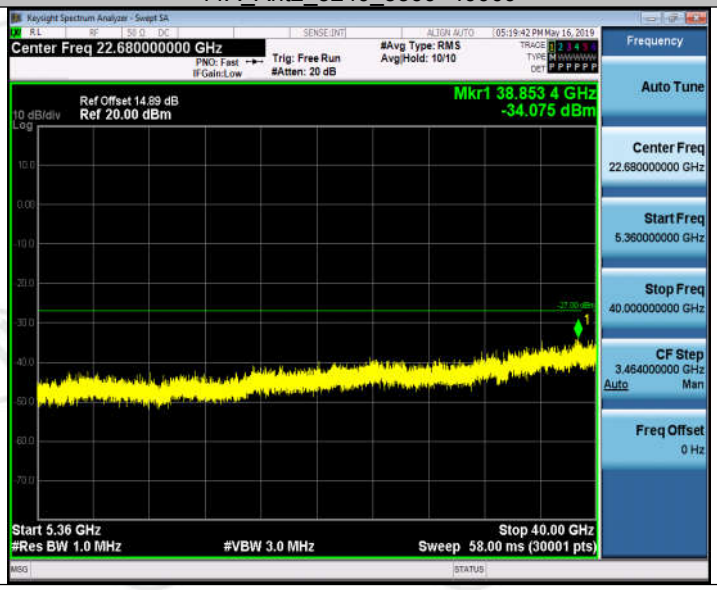
11A_Ant2_5200_5360~40000



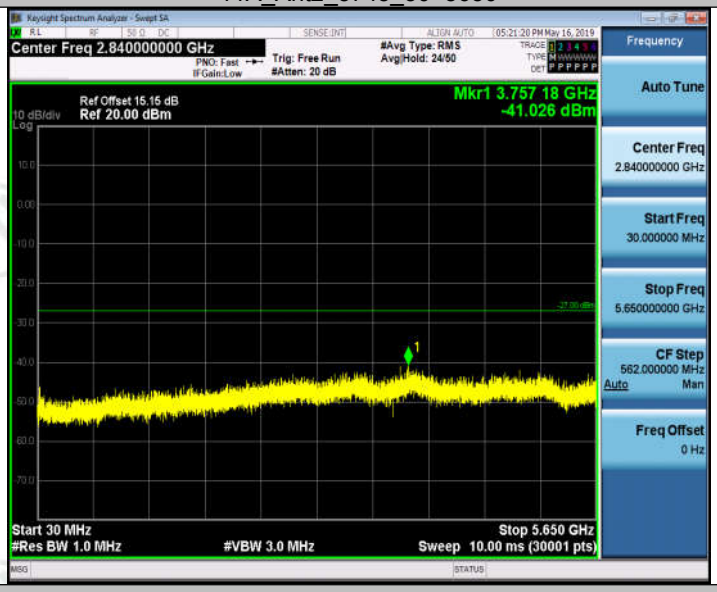
11A_Ant2_5240_30~5140



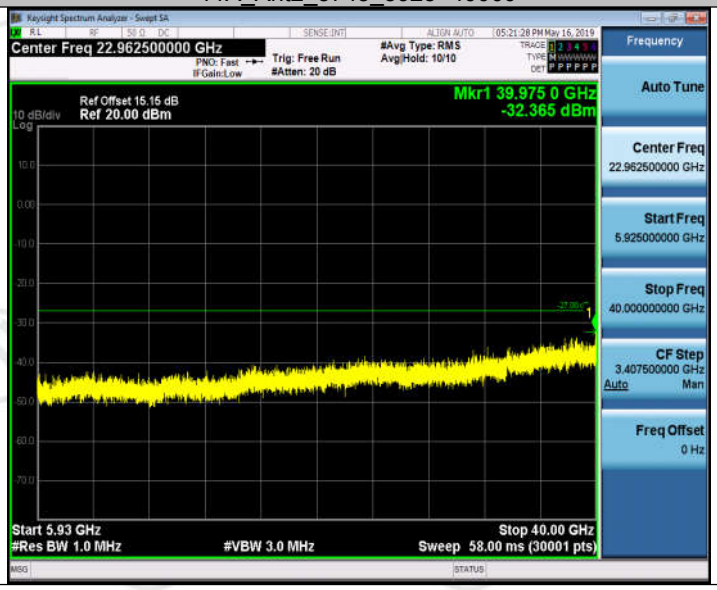
11A_Ant2_5240_5360~40000



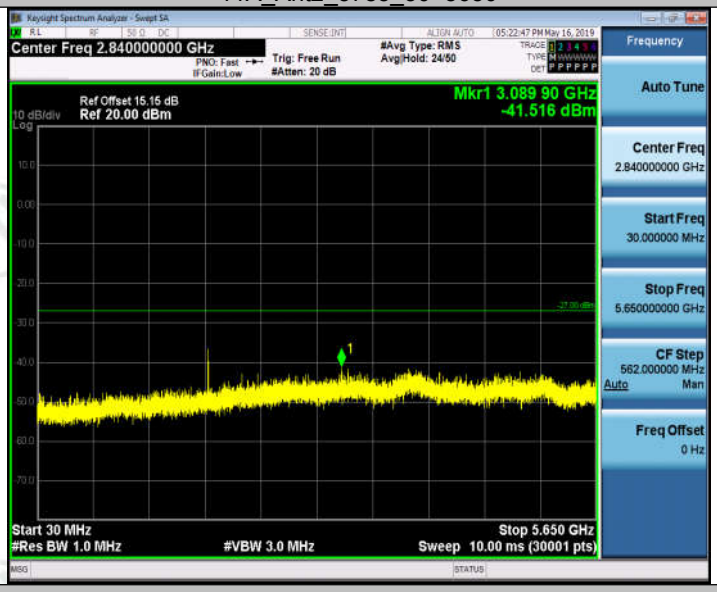
11A_Ant2_5745_30~5650



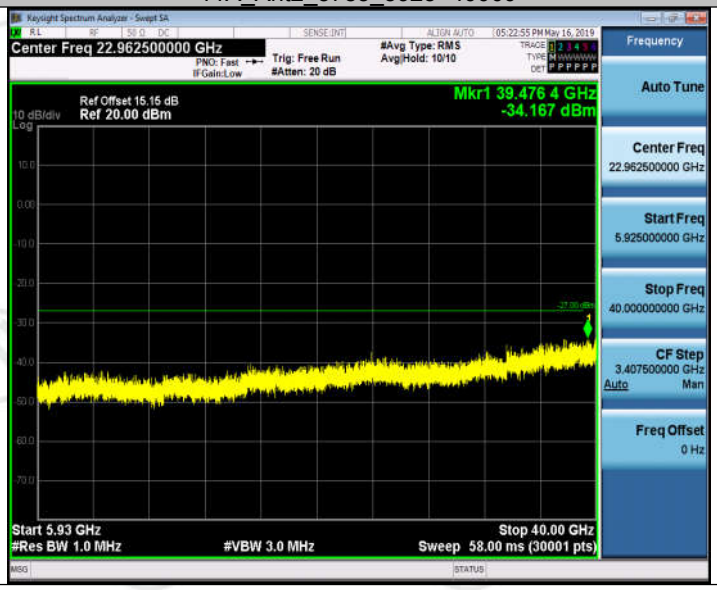
11A_Ant2_5745_5925~40000



11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~40000



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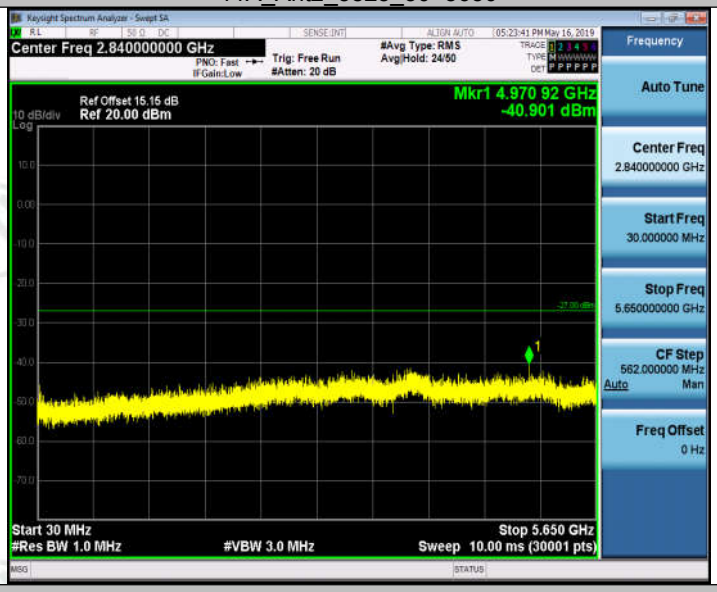
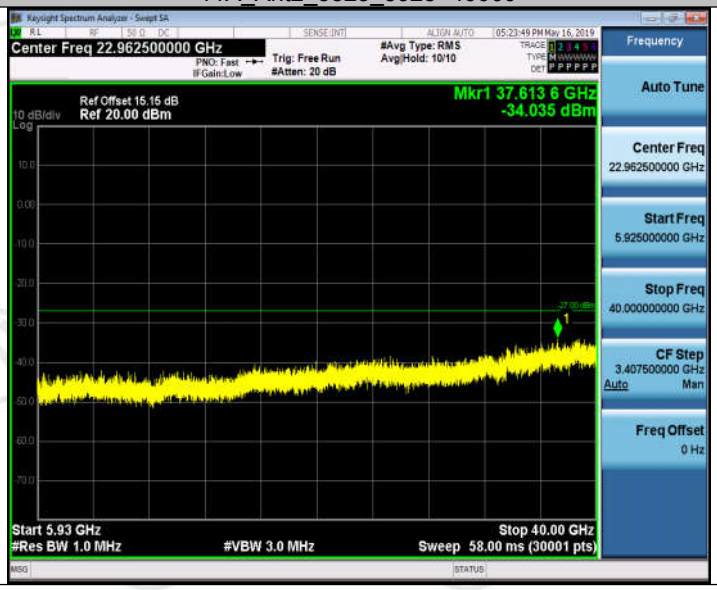
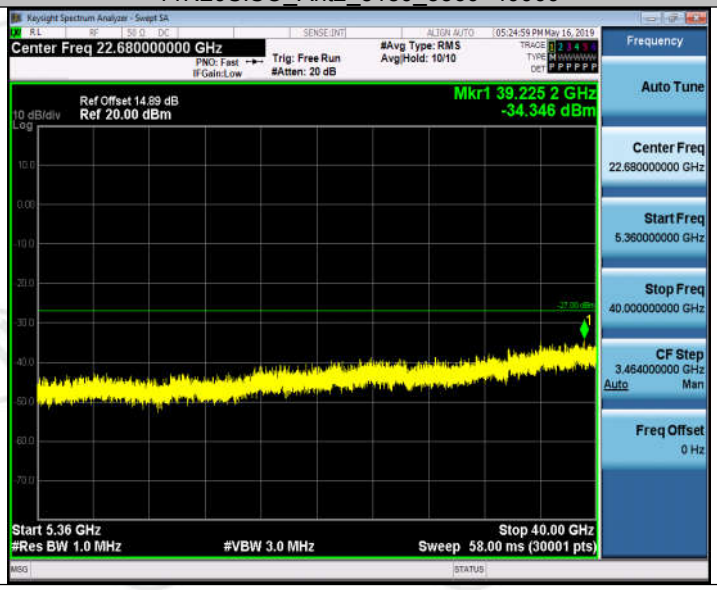


11A_Ant2_5825_5925~40000



11N20SISO_Ant2_5180_30~5140

11N20SISO_Ant2_5180_5360~40000


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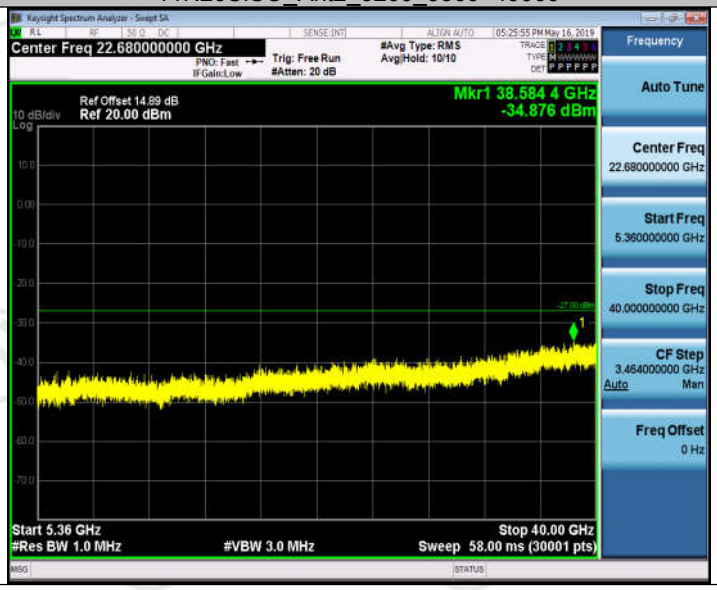
11N20SISO_Ant2_5200_5360~40000


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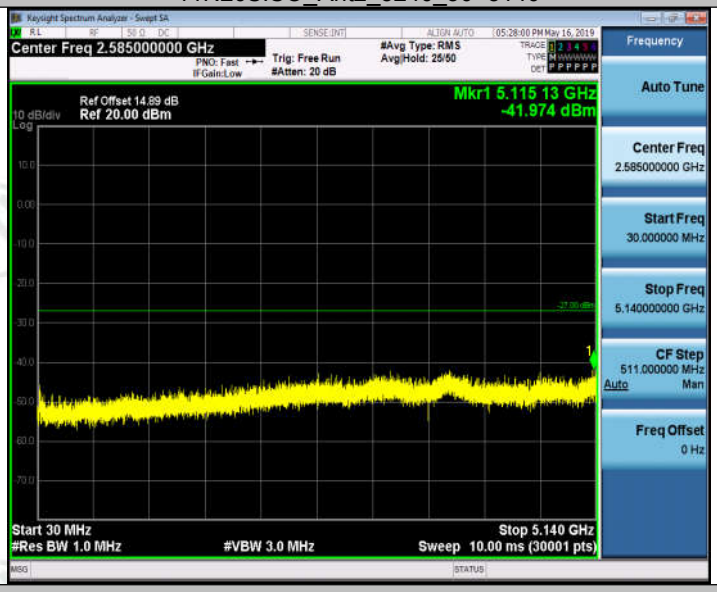

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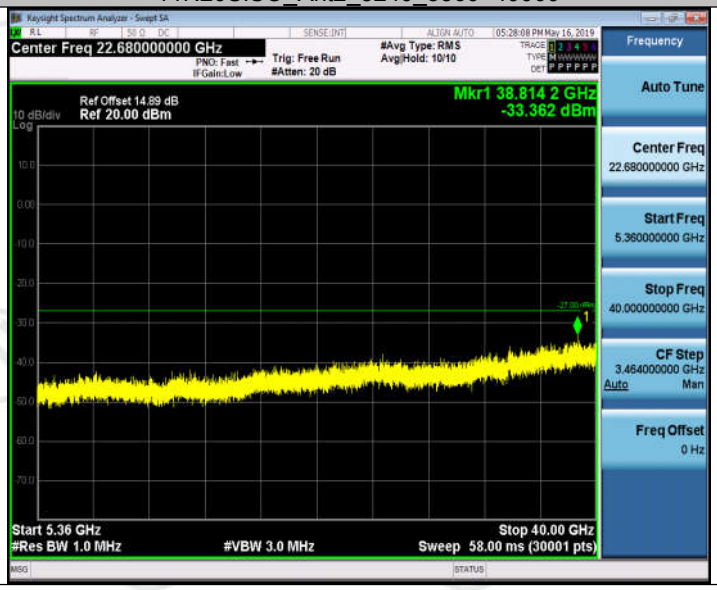

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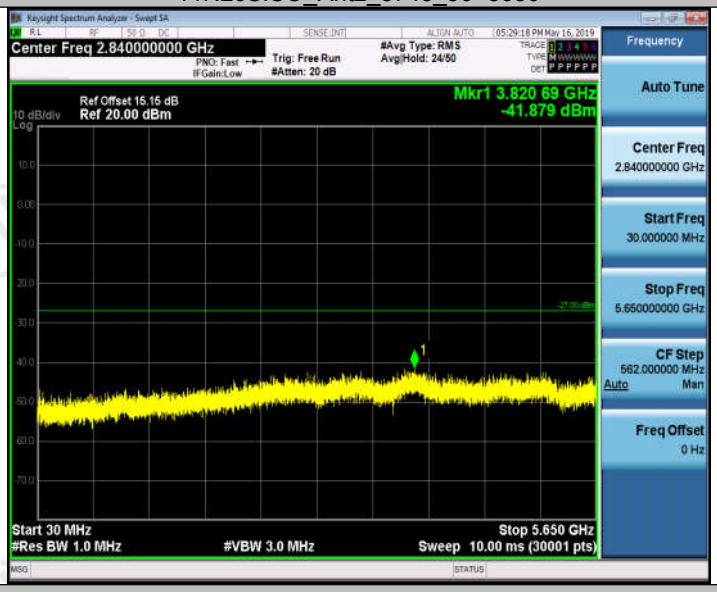
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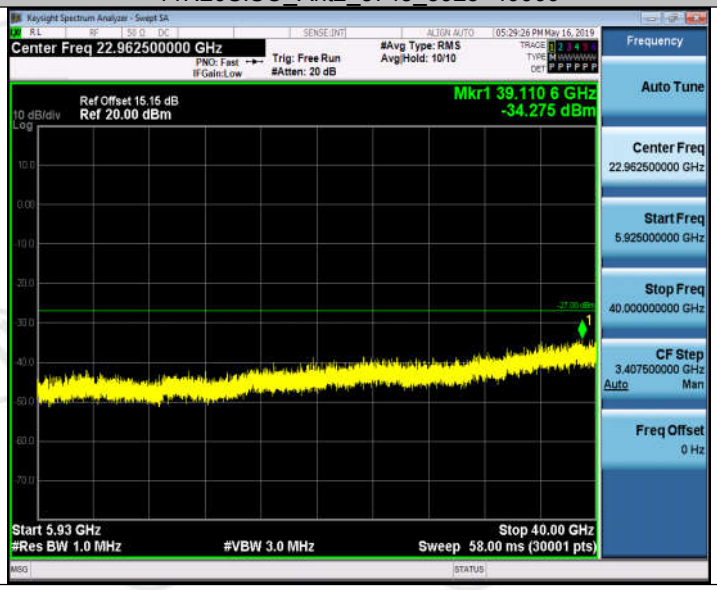

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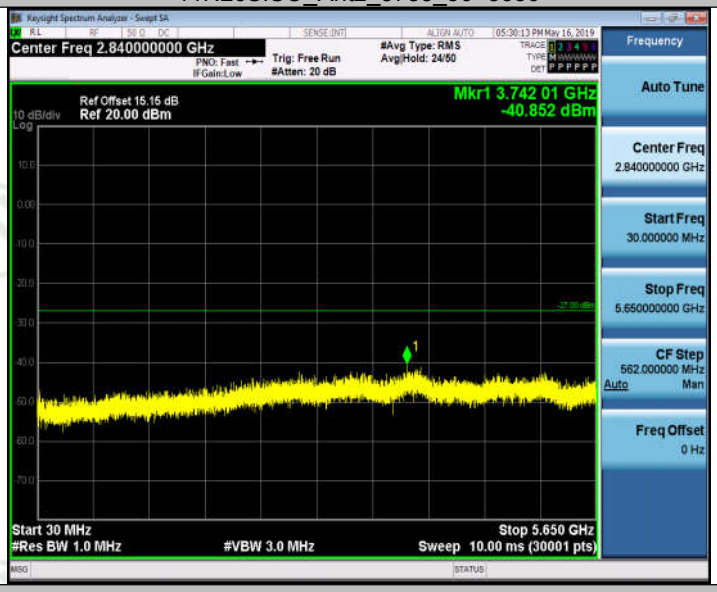
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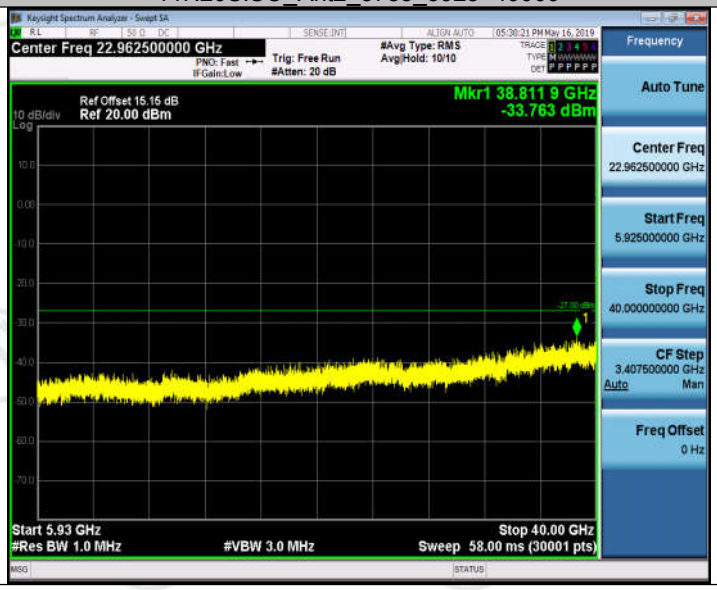

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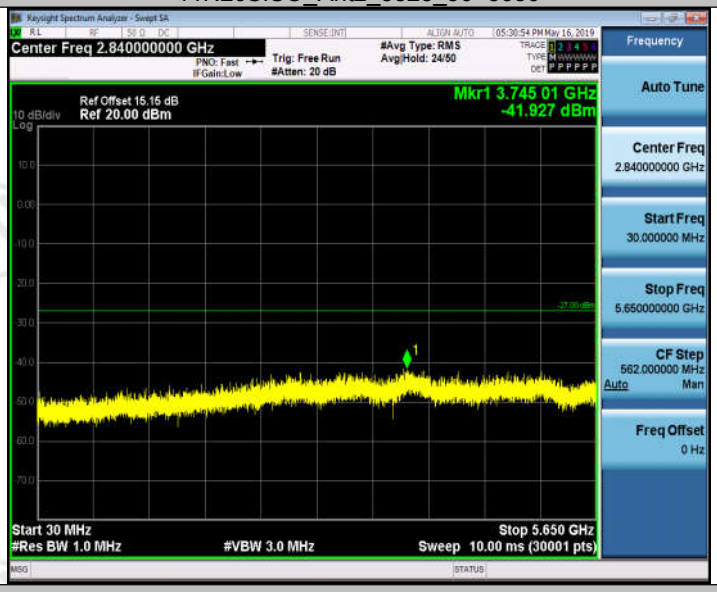
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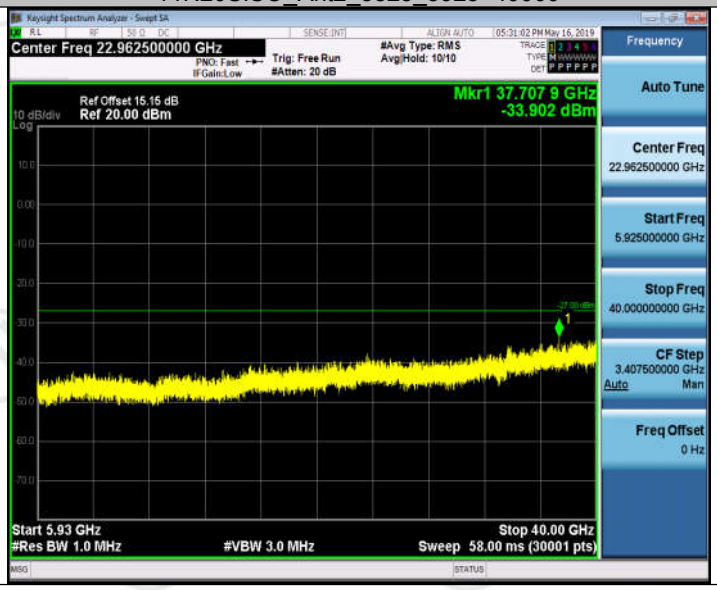

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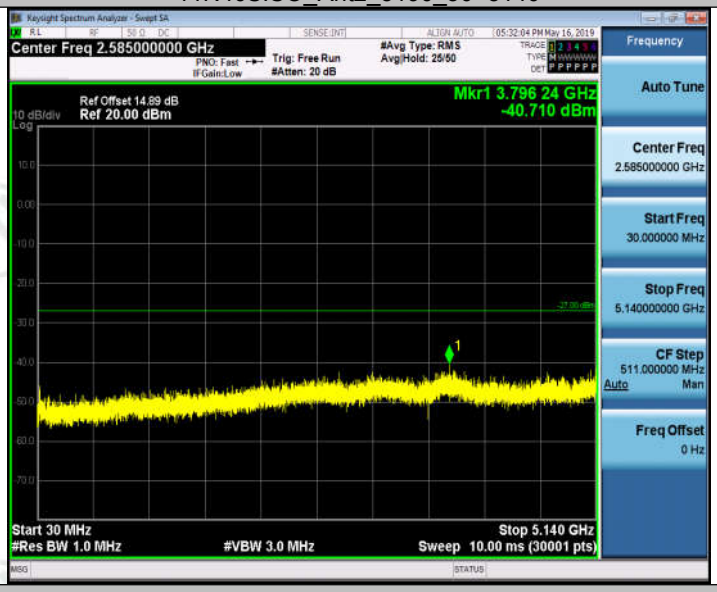
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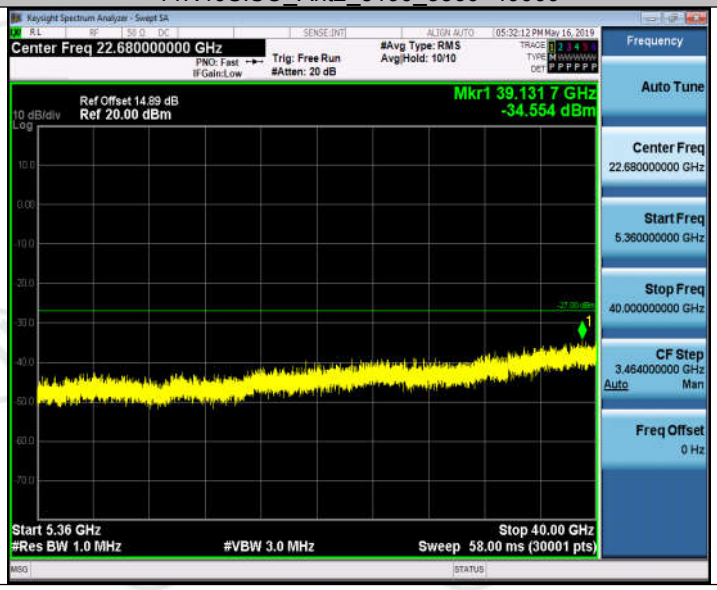

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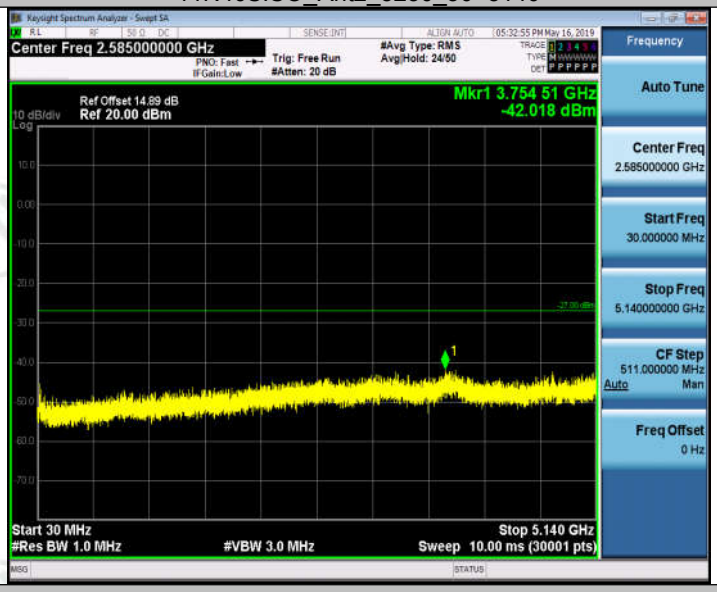
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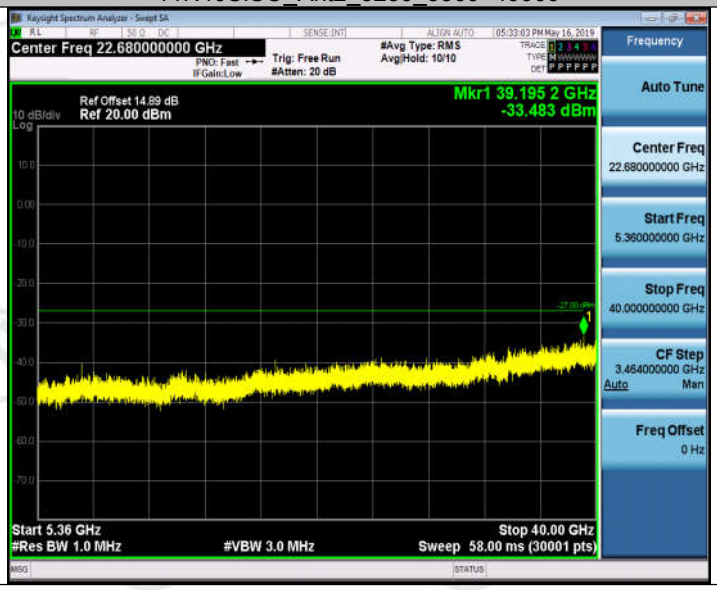

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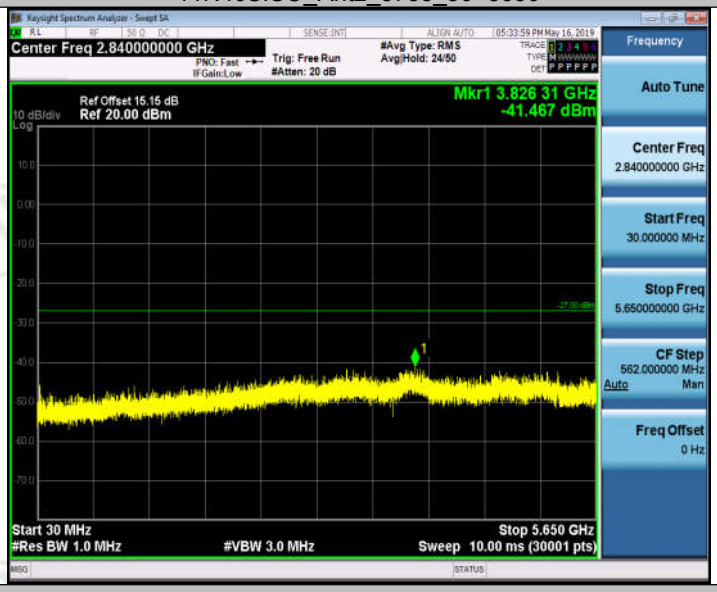
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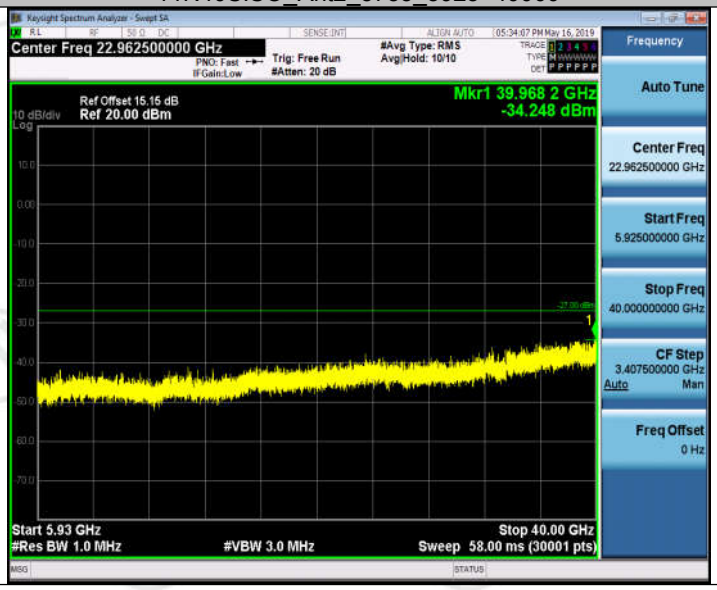

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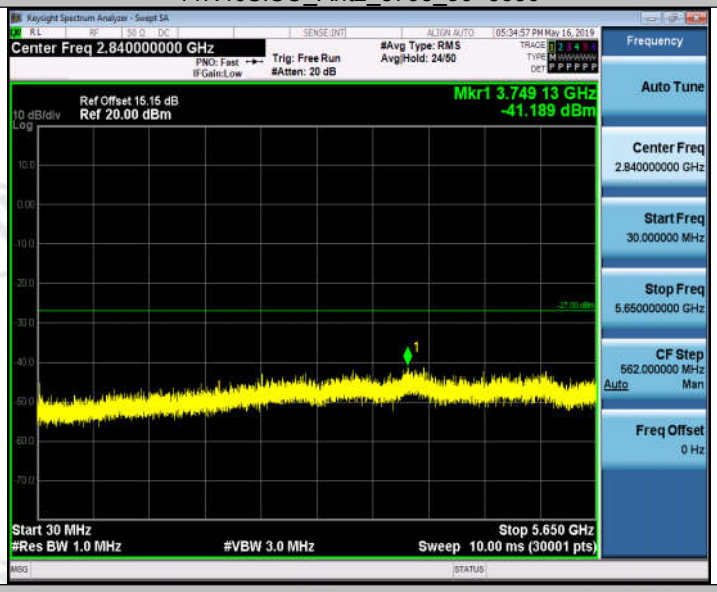
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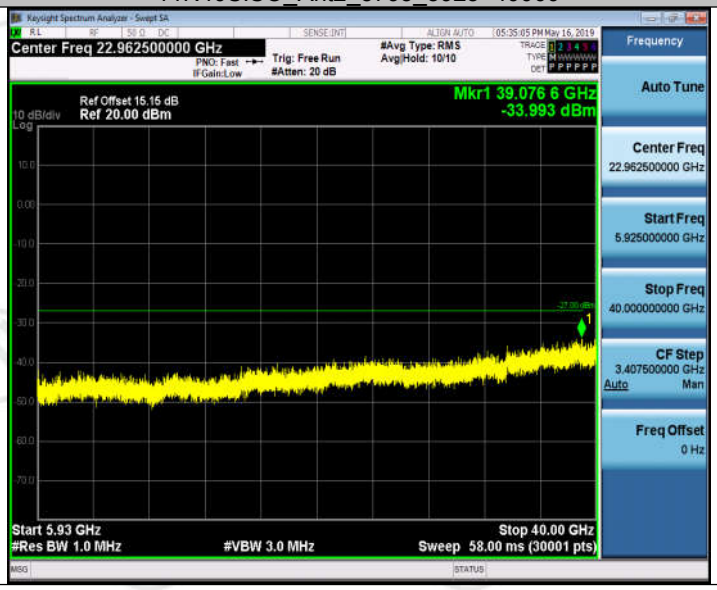

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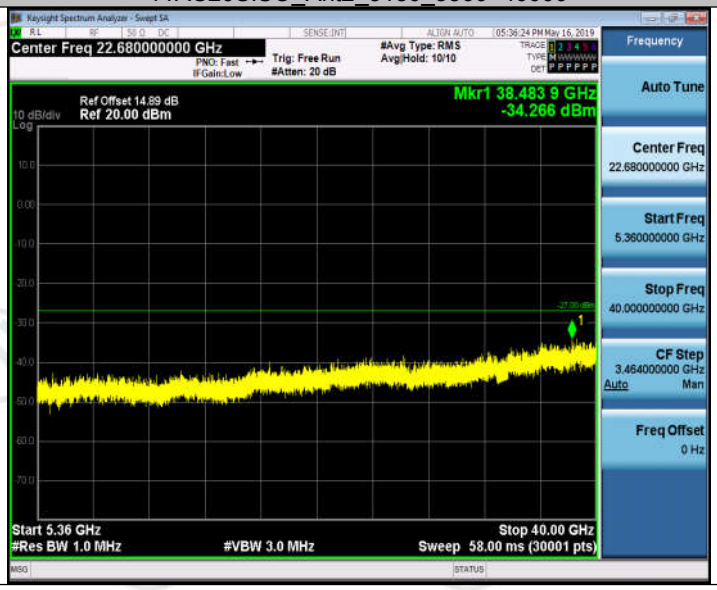
11AC20SISO_Ant2_5180_5360~40000



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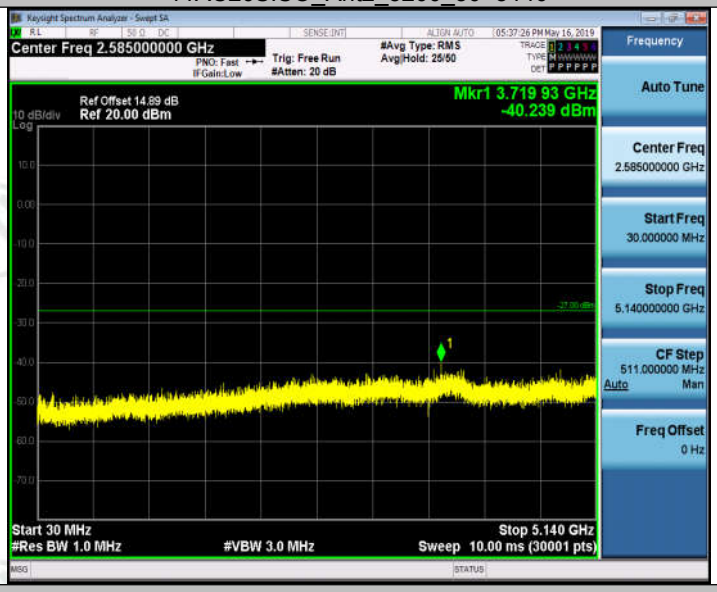
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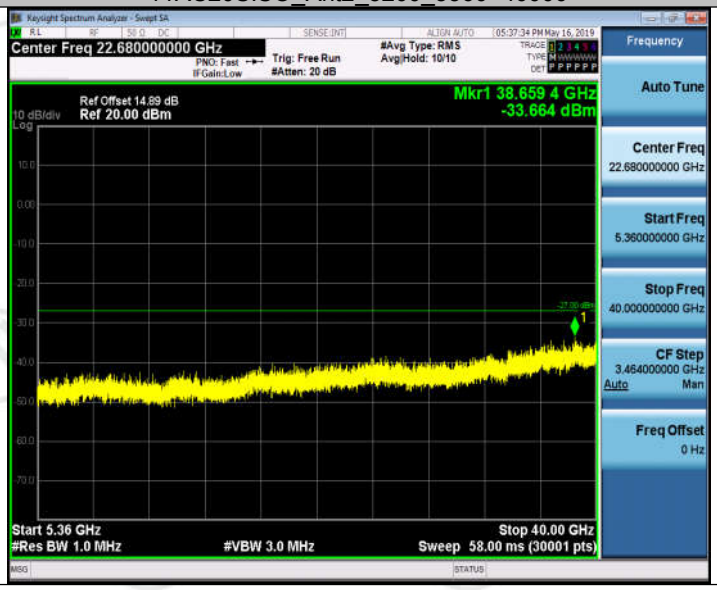
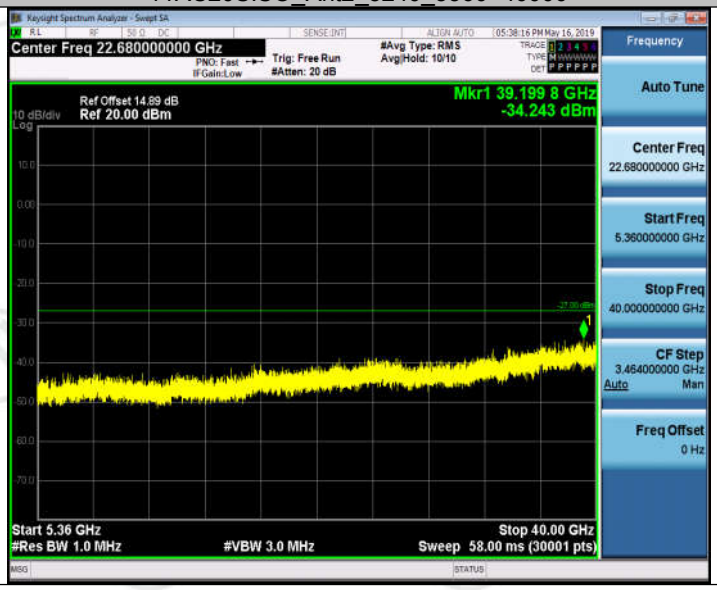
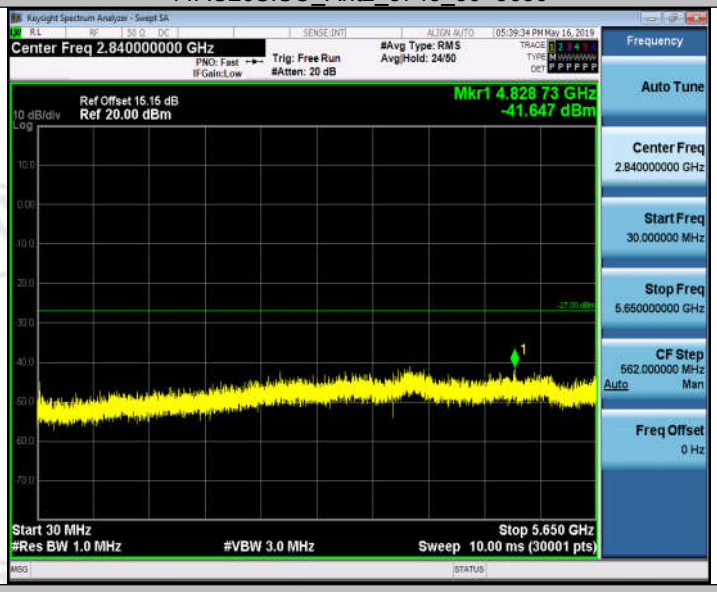
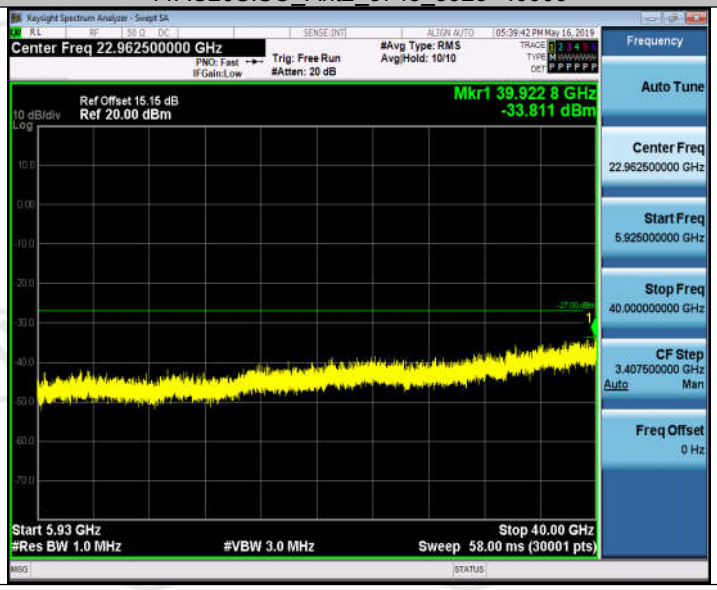
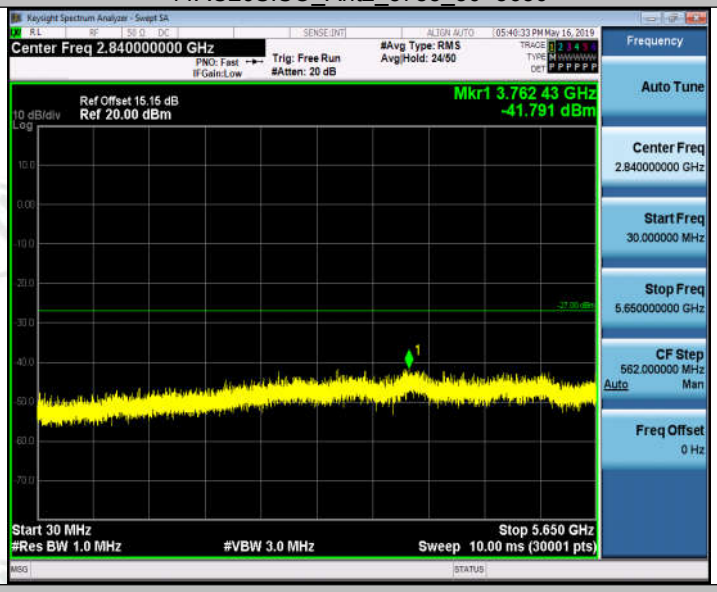


11AC20SISO_Ant2_5240_30~5140

11AC20SISO_Ant2_5240_5360~40000



11AC20SISO_Ant2_5745_30~5650

11AC20SISO_Ant2_5745_5925~40000


11AC20SISO_Ant2_5785_30~5650

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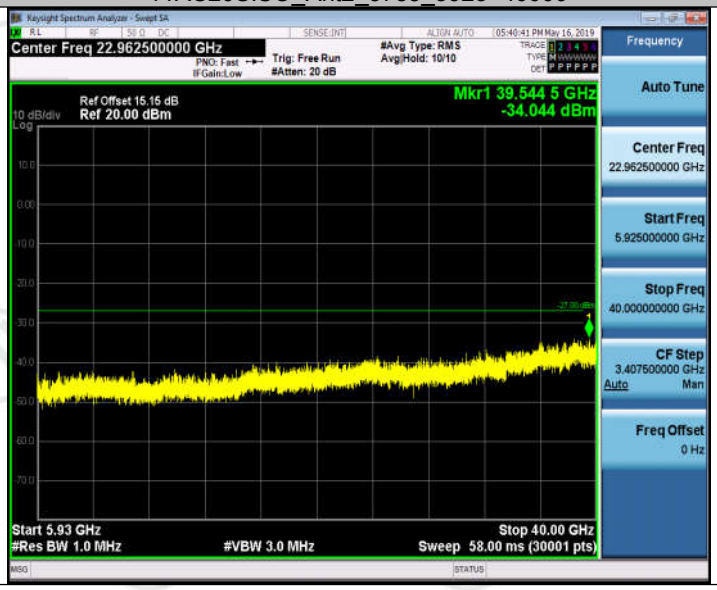
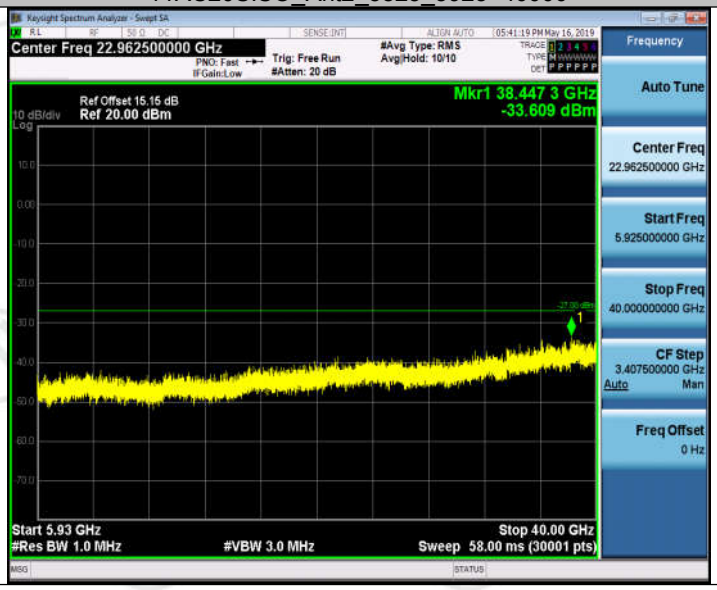
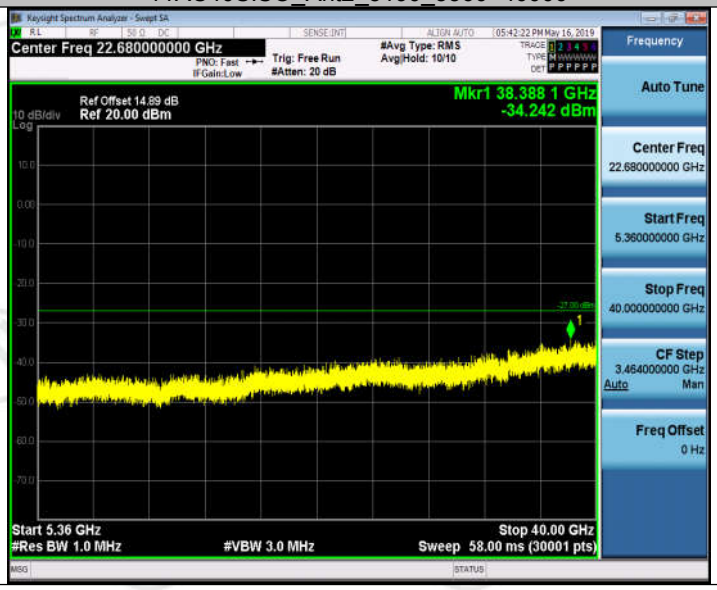


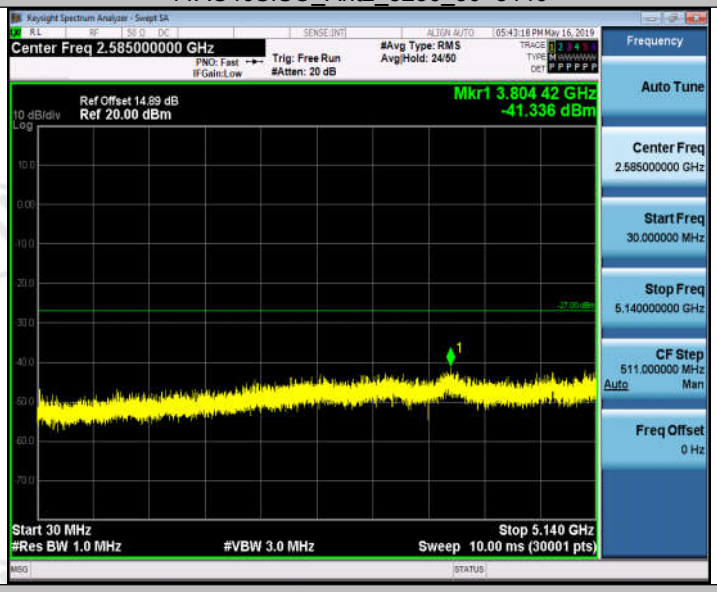
11AC20SISO_Ant2_5825_30~5650

11AC20SISO_Ant2_5825_5925~40000


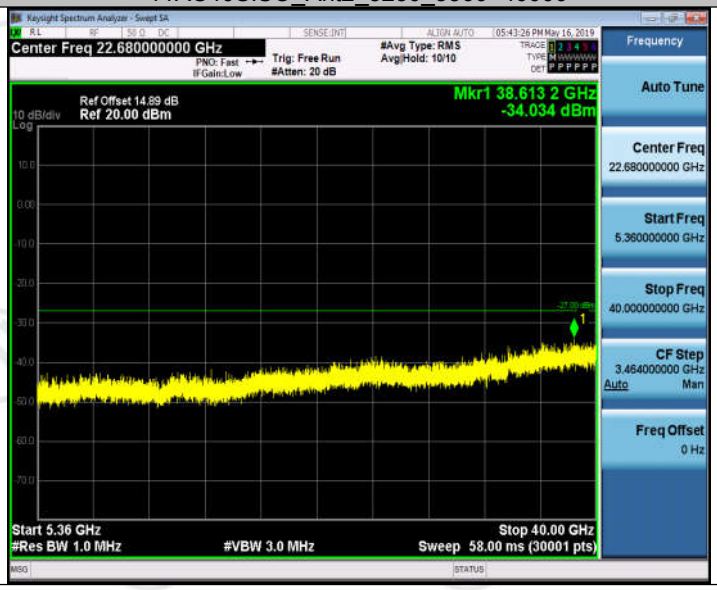
11AC40SISO_Ant2_5190_30~5140

11AC40SISO_Ant2_5190_5360~40000


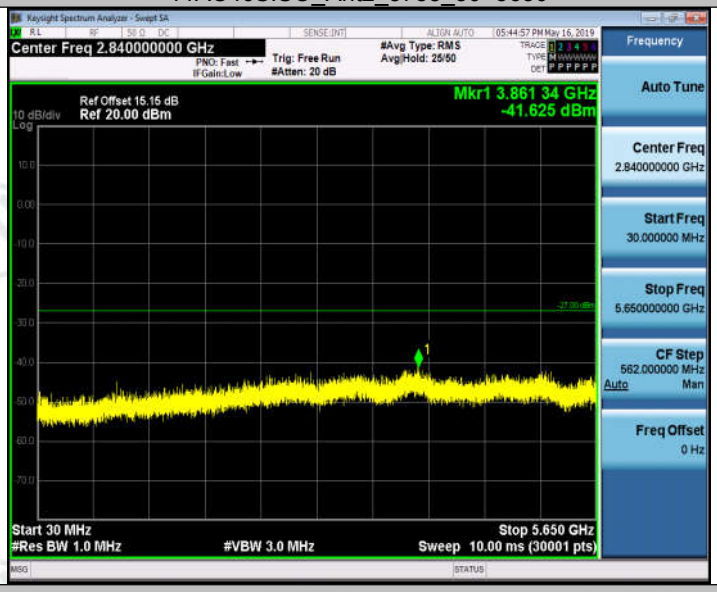
11AC40SISO_Ant2_5230_30~5140



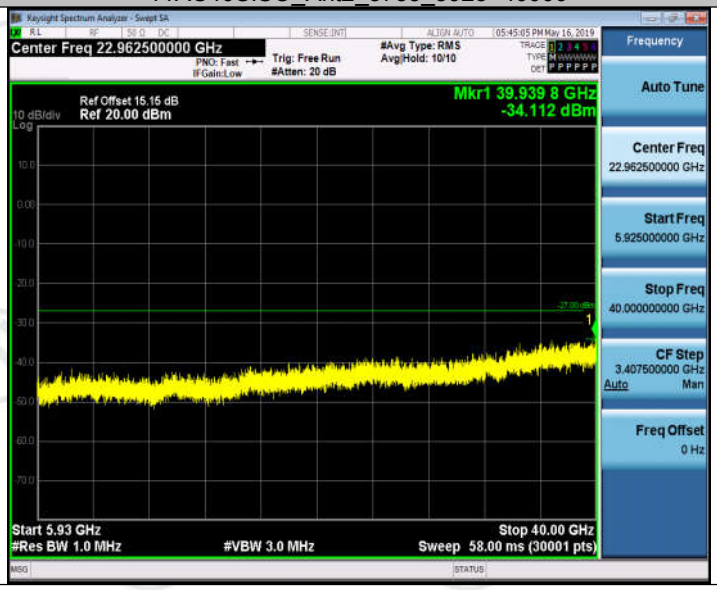
11AC40SISO_Ant2_5230_5360~40000



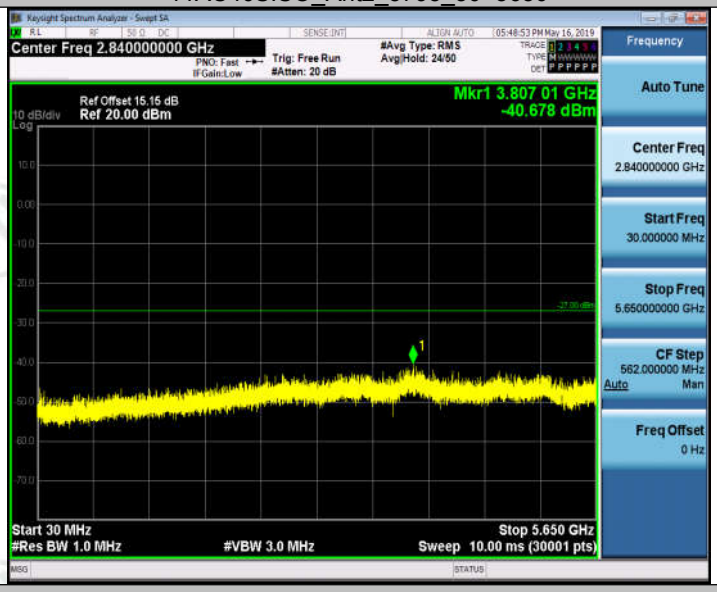
11AC40SISO_Ant2_5755_30~5650



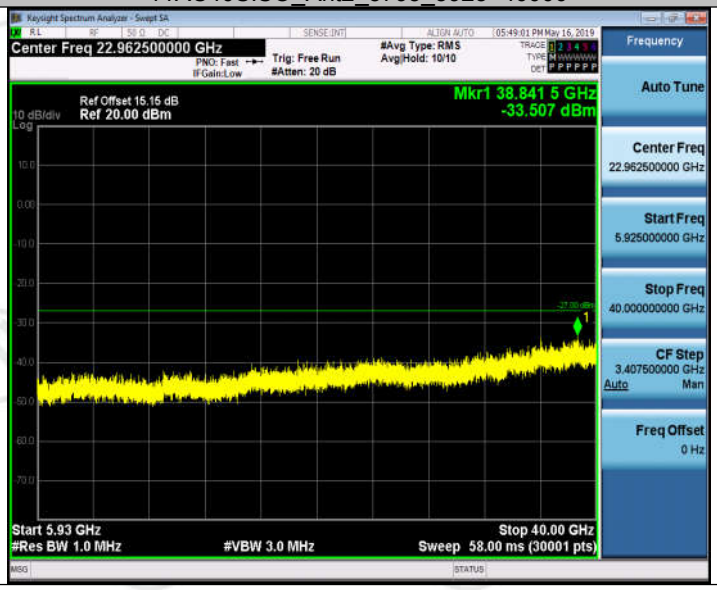
11AC40SISO_Ant2_5755_5925~40000

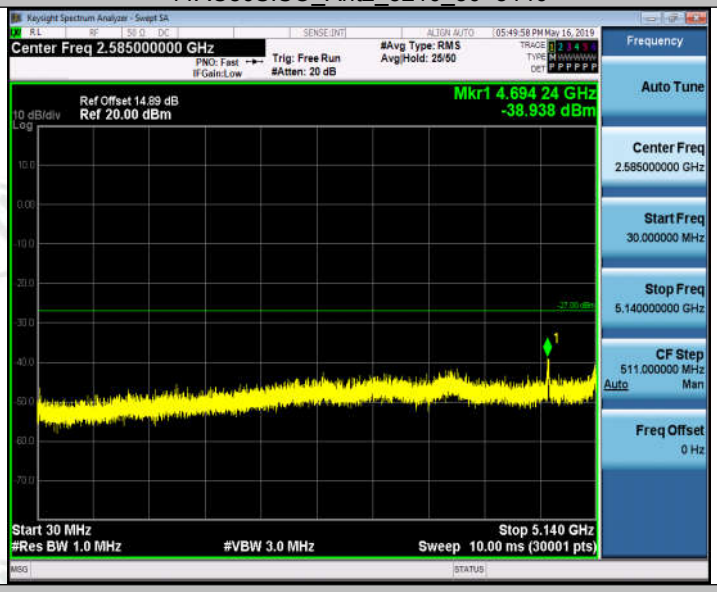
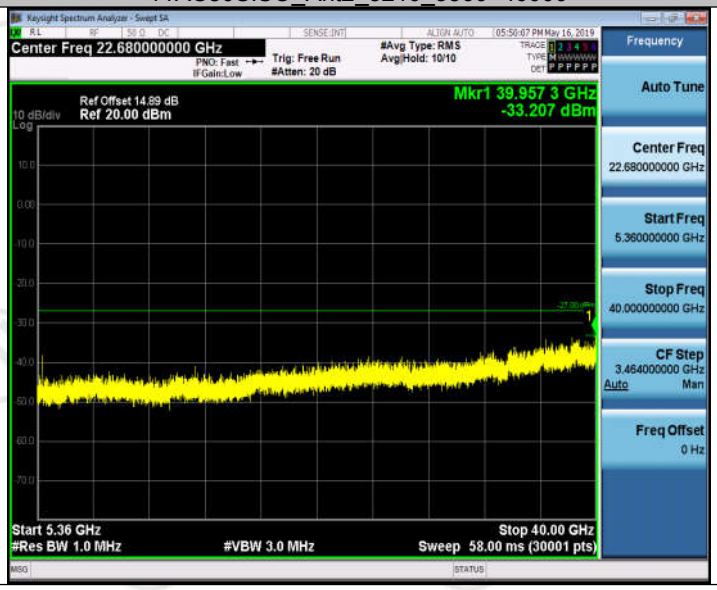


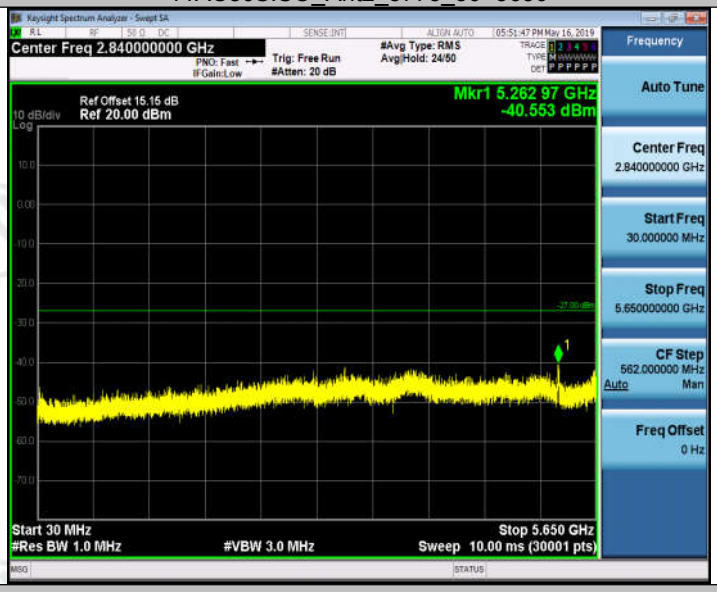
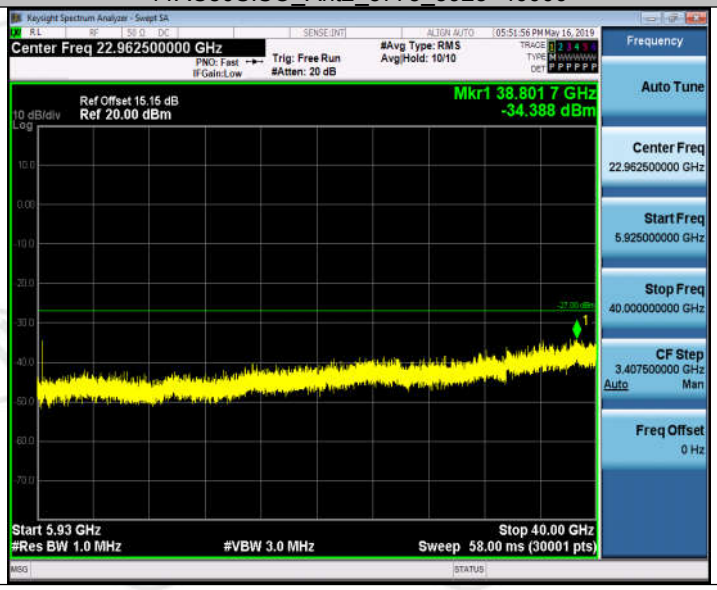
11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~40000



11AC80SISO_Ant2_5210_30~5140

11AC80SISO_Ant2_5210_5360~40000


11AC80SISO_Ant2_5775_30~5650

11AC80SISO_Ant2_5775_5925~40000


Appendix F): Frequency Stability

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	TN	VL	5179.96	-7.722008	PASS
			TN	VN	5180.02	3.861004	PASS
			TN	VH	5179.9	-19.305019	PASS
11A	Ant1	5200	TN	VL	5199.96	-7.692308	PASS
			TN	VN	5200.06	11.538462	PASS
			TN	VH	5199.98	-3.846154	PASS
11A	Ant1	5240	TN	VL	5239.98	-3.816794	PASS
			TN	VN	5239.96	-7.633588	PASS
			TN	VH	5239.98	-3.816794	PASS
11A	Ant1	5745	TN	VL	5744.9	-17.40644	PASS
			TN	VN	5744.94	-10.443864	PASS
			TN	VH	5744.96	-6.962576	PASS
11A	Ant1	5785	TN	VL	5785.02	3.457217	PASS
			TN	VN	5784.9	-17.286085	PASS
			TN	VH	5784.96	-6.914434	PASS
11A	Ant1	5825	TN	VL	5824.96	-6.866953	PASS
			TN	VN	5825.04	6.866953	PASS
			TN	VH	5825.04	6.866953	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant2	5180	TN	VL	5180.04	7.722008	PASS
			TN	VN	5180.06	3.861004	PASS
			TN	VH	5179.92	-15.444015	PASS
11A	Ant2	5200	TN	VL	5200	-3.816794	PASS
			TN	VN	5199.96	-7.692308	PASS
			TN	VH	5200	-3.846154	PASS
11A	Ant2	5240	TN	VL	5240.02	3.816794	PASS
			TN	VN	5239.96	-7.633588	PASS
			TN	VH	5239.98	-3.816794	PASS
11A	Ant2	5745	TN	VL	5745.02	3.481288	PASS
			TN	VN	5745.02	3.481288	PASS
			TN	VH	5745.08	13.925152	PASS
11A	Ant2	5785	TN	VL	5784.98	-3.457217	PASS
			TN	VN	5784.96	-6.914434	PASS
			TN	VH	5785.02	3.457217	PASS
11A	Ant2	5825	TN	VL	5824.94	-10.300429	PASS
			TN	VN	5824.94	-10.300429	PASS
			TN	VH	5824.92	-13.733906	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant1	5180	TN	VL	5179.96	-7.722008	PASS
			TN	VN	5179.92	-15.444015	PASS
			TN	VH	5179.96	-7.722008	PASS
11N20	Ant1	5200	TN	VL	5200.02	3.846154	PASS
			TN	VN	5199.98	-3.846154	PASS
			TN	VH	5199.96	-7.692308	PASS
11N20	Ant1	5240	TN	VL	5239.98	-3.816794	PASS
			TN	VN	5240.04	7.633588	PASS
			TN	VH	5240.02	3.816794	PASS
11N20	Ant1	5745	TN	VL	5744.9	-17.40644	PASS
			TN	VN	5744.94	-6.962576	PASS
			TN	VH	5744.96	-10.443864	PASS
11N20	Ant1	5785	TN	VL	5784.98	-3.457217	PASS
			TN	VN	5784.98	-3.457217	PASS
			TN	VH	5784.98	-3.457217	PASS
11N20	Ant1	5825	TN	VL	5825.02	3.433476	PASS
			TN	VN	5825.06	10.300429	PASS
			TN	VH	5825.02	3.433476	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant2	5180	TN	VL	5180.04	7.722008	PASS
			TN	VN	5179.98	-3.861004	PASS
			TN	VH	5180.02	3.861004	PASS
11N20	Ant2	5200	TN	VL	5200.06	11.538462	PASS
			TN	VN	5199.98	-3.846154	PASS
			TN	VH	5199.96	-7.692308	PASS
11N20	Ant2	5240	TN	VL	5239.96	-7.633588	PASS
			TN	VN	5240.06	11.450382	PASS
			TN	VH	5239.98	-3.816794	PASS
11N20	Ant2	5745	TN	VL	5745.02	3.481288	PASS
			TN	VN	5744.94	-3.481288	PASS
			TN	VH	5744.96	10.443864	PASS
11N20	Ant2	5785	TN	VL	5785.1	17.286085	PASS
			TN	VN	5785.04	6.914434	PASS
			TN	VH	5785.02	3.457217	PASS
11N20	Ant2	5825	TN	VL	5824.92	-13.733906	PASS
			TN	VN	5825.06	10.300429	PASS
			TN	VH	5824.9	-17.167382	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant1	5190	TN	VL	5189.96	-7.707129	PASS
			TN	VN	5189.96	-7.707129	PASS
			TN	VH	5189.96	-7.707129	PASS
11N40	Ant1	5230	TN	VL	5230.04	7.648184	PASS
			TN	VN	5229.92	-15.296367	PASS
			TN	VH	5229.92	-15.296367	PASS
			TN	VH	5230.06	-6.902502	PASS
11N40	Ant1	5755	TN	VL	5754.96	-6.950478	PASS
			TN	VN	5755.08	13.900956	PASS
			TN	VH	5755.08	13.900956	PASS
11N40	Ant1	5795	TN	VL	5795.04	6.902502	PASS
			TN	VN	5795.04	6.902502	PASS
			TN	VH	5795.04	6.902502	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant2	5190	TN	VL	5190.08	15.414258	PASS
			TN	VN	5190.04	7.707129	PASS
			TN	VH	5190.04	7.707129	PASS
11N40	Ant2	5230	TN	VL	5229.96	-7.648184	PASS
			TN	VN	5230.08	15.296367	PASS
			TN	VH	5229.96	-7.648184	PASS
			TN	VH	5230.06	11.320429	PASS
11N40	Ant2	5755	TN	VL	5755.04	6.950478	PASS
			TN	VN	5754.96	-6.950478	PASS
			TN	VH	5754.92	-13.900956	PASS
11N40	Ant2	5795	TN	VL	5794.96	-6.902502	PASS
			TN	VN	5795.04	6.902502	PASS
			TN	VH	5795.04	6.902502	PASS

Test Mode	Antenn	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5180	TN	VL	5179.92	-15.444015	PASS
			TN	VN	5179.96	-7.722008	PASS
			TN	VH	5180.1	19.305019	PASS
11AC20	Ant1	5200	TN	VL	5199.98	-3.846154	PASS
			TN	VN	5200.02	3.846154	PASS
			TN	VH	5200.02	3.846154	PASS
11AC20	Ant1	5240	TN	VL	5240.02	3.816794	PASS
			TN	VN	5240.04	7.633588	PASS
			TN	VH	5239.96	-7.633588	PASS
11AC20	Ant1	5745	TN	VL	5744.94	-10.443864	PASS
			TN	VN	5745.03	-6.962576	PASS
			TN	VH	5745.08	-13.925152	PASS
11AC20	Ant1	5785	TN	VL	5785.04	6.914434	PASS
			TN	VN	5784.98	-3.457217	PASS
			TN	VH	5785.02	3.457217	PASS
11AC20	Ant1	5825	TN	VL	5825.04	6.866953	PASS
			TN	VN	5825.06	10.300429	PASS
			TN	VH	5825.02	3.433476	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant2	5180	TN	VL	5179.98	-3.861004	PASS
			TN	VN	5180.02	3.861004	PASS
			TN	VH	5180.08	15.444015	PASS
11AC20	Ant2	5200	TN	VL	5199.98	-3.846154	PASS
			TN	VN	5199.94	-11.538462	PASS
			TN	VH	5200.06	11.538462	PASS
11AC20	Ant2	5240	TN	VL	5239.98	-3.816794	PASS
			TN	VN	5239.94	-11.450382	PASS
			TN	VH	5240.02	3.816794	PASS
11AC20	Ant2	5745	TN	VL	5745.04	6.962576	PASS
			TN	VN	5744.98	-3.481288	PASS
			TN	VH	5745.04	6.962576	PASS
11AC20	Ant2	5785	TN	VL	5785.02	3.457217	PASS
			TN	VN	5785.02	3.457217	PASS
			TN	VH	5784.96	-6.914434	PASS
11AC20	Ant2	5825	TN	VL	5824.98	-3.433476	PASS
			TN	VN	5824.96	-6.866953	PASS
			TN	VH	5824.92	-13.733906	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant1	5190	TN	VL	5189.98	6.850378	PASS
			TN	VN	5190.04	7.707129	PASS
			TN	VH	5189.96	-7.707129	PASS
11AC40	Ant1	5230	TN	VL	5230.08	15.296367	PASS
			TN	VN	5229.92	-15.296367	PASS
			TN	VH	5229.96	-7.648184	PASS
11AC40	Ant1	5755	TN	VL	5754.96	-6.950478	PASS
			TN	VN	5754.92	-13.900956	PASS
			TN	VH	5754.92	-13.900956	PASS
11AC40	Ant1	5795	TN	VL	5795.04	6.902502	PASS
			TN	VN	5794.96	-6.902502	PASS
			TN	VH	5794.96	-6.902502	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant2	5190	TN	VL	5190.04	7.707129	PASS
			TN	VN	5189.92	-15.414258	PASS
			TN	VH	5190.08	15.414258	PASS
11AC40	Ant2	5230	TN	VL	5229.96	-7.648184	PASS
			TN	VN	5229.96	-7.648184	PASS
			TN	VH	5230.04	7.648184	PASS
11AC40	Ant2	5755	TN	VL	5755.04	6.950478	PASS
			TN	VN	5754.96	-6.950478	PASS
			TN	VH	5755.04	6.950478	PASS
11AC40	Ant2	5795	TN	VL	5794.96	-6.902502	PASS
			TN	VN	5795.08	13.805004	PASS
			TN	VH	5795.04	6.902502	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80	Ant1	5210	TN	VL	5210.06	8.902502	PASS
			TN	VN	5209.92	-15.355086	PASS
			TN	VH	5210	0	PASS
11AC80	Ant1	5775	TN	VL	5774.92	-13.852814	PASS
			TN	VN	5775	0	PASS
			TN	VH	5775.08	13.852814	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80	Ant2	5210	TN	VL	5210.08	15.355086	PASS
			TN	VN	5210.07	12.952814	PASS
			TN	VH	5210.08	15.355086	PASS
11AC80	Ant2	5775	TN	VL	5775.08	13.852814	PASS
			TN	VN	5775.08	13.852814	PASS
			TN	VH	5775.08	13.852814	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	50	VN	5179.94	-11.583012	PASS
			40	VN	5180.04	7.722008	PASS
			30	VN	5180.04	7.722008	PASS
			20	VN	5180.06	11.583012	PASS
			10	VN	5179.98	-3.861004	PASS
			0	VN	5180.02	3.861004	PASS
			-10	VN	5179.94	-11.583012	PASS
			-20	VN	5179.96	-7.722008	PASS
			-30	VN	5179.96	-7.722008	PASS
11A	Ant1	5200	50	VN	5200.08	4.846154	PASS
			40	VN	5199.98	-3.846154	PASS
			30	VN	5199.96	-7.692308	PASS
			20	VN	5199.98	-3.846154	PASS
			10	VN	5199.98	-3.846154	PASS
			0	VN	5199.98	-3.846154	PASS
			-10	VN	5199.92	-15.384615	PASS
			-20	VN	5200.02	3.846154	PASS
			-30	VN	5199.96	-7.692308	PASS
11A	Ant1	5240	50	VN	5239.98	12.073969	PASS
			40	VN	5239.98	-3.816794	PASS
			30	VN	5239.94	-11.450382	PASS
			20	VN	5240.1	19.083969	PASS
			10	VN	5240.08	15.267176	PASS
			0	VN	5240.04	7.633588	PASS
			-10	VN	5239.9	-19.083969	PASS
			-20	VN	5240.04	7.633588	PASS
			-30	VN	52400.5	14.367176	PASS
11A	Ant1	5745	50	VN	5744.98	-3.481288	PASS
			40	VN	5744.96	-6.962576	PASS
			30	VN	5744.98	-3.481288	PASS
			20	VN	5744.94	-10.443864	PASS
			10	VN	5745	0	PASS
			0	VN	5744.94	-10.443864	PASS
			-10	VN	5744.92	-13.925152	PASS
			-20	VN	5745.04	3.433476	PASS
			-30	VN	5744.92	-13.925152	PASS
11A	Ant1	5785	50	VN	5784.96	-6.914434	PASS
			40	VN	5785.07	13.733906	PASS
			30	VN	5784.95	6.866953	PASS
			20	VN	57850.06	3.433476	PASS
			10	VN	5784.98	-17.286085	PASS
			0	VN	5785	6.866953	PASS

			-10	VN	5785.06	10.371651	PASS
			-20	VN	5785.02	3.457217	PASS
			-30	VN	5784.96	-6.914434	PASS
11A	Ant1	5825	50	VN	5825.08	13.733906	PASS
			40	VN	5825.04	6.866953	PASS
			30	VN	5825.02	3.433476	PASS
			20	VN	5825.02	3.433476	PASS
			10	VN	5825	7.657953	PASS
			0	VN	5824.94	-10.300429	PASS
			-10	VN	5825.06	10.300429	PASS
			-20	VN	5824.9	-17.167382	PASS
			-30	VN	5825.04	6.866953	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant2	5180	50	VN	5180.04	7.722008	PASS
			40	VN	5179.96	-7.722008	PASS
			30	VN	5180.1	19.305019	PASS
			20	VN	5179.9	-19.305019	PASS
			10	VN	5180	12.538462	PASS
			0	VN	5180	-3.846154	PASS
			-10	VN	5180.02	3.861004	PASS
			-20	VN	5179.94	-11.583012	PASS
			-30	VN	5180.04	7.722008	PASS
11A	Ant2	5200	50	VN	5200.08	15.384615	PASS
			40	VN	5199.96	-7.692308	PASS
			30	VN	5200.08	15.384615	PASS
			20	VN	5199.92	-15.384615	PASS
			10	VN	5199.98	-3.846154	PASS
			0	VN	5199.94	-11.538462	PASS
			-10	VN	5199.98	-3.846154	PASS
			-20	VN	5199.96	-7.692308	PASS
			-30	VN	5199.92	-15.384615	PASS
11A	Ant2	5240	50	VN	5239.92	-15.267176	PASS
			40	VN	5239.98	-3.816794	PASS
			30	VN	5240.08	15.267176	PASS
			20	VN	5240.06	11.450382	PASS
			10	VN	5239.94	-11.450382	PASS
			0	VN	5239.9	-19.083969	PASS
			-10	VN	5239.92	-15.267176	PASS
			-20	VN	5240.06	11.450382	PASS
			-30	VN	5239.9	-19.083969	PASS
11A	Ant2	5745	50	VN	5745.02	3.481288	PASS
			40	VN	5744.96	-6.962576	PASS
			30	VN	5744.9	-17.40644	PASS

			20	VN	5745	-3.481288	PASS
			10	VN	5744.96	-6.962576	PASS
			0	VN	5745	11.450382	PASS
			-10	VN	5744.94	-10.443864	PASS
			-20	VN	5744.96	-6.962576	PASS
			-30	VN	5745	15.267176	PASS
11A	Ant2	5785	50	VN	5784.96	-6.914434	PASS
			40	VN	5785	-17.286085	PASS
			30	VN	5785.04	6.914434	PASS
			20	VN	5784.94	-10.371651	PASS
			10	VN	5785.1	17.286085	PASS
			0	VN	5784.98	-3.457217	PASS
			-10	VN	5785.06	10.371651	PASS
			-20	VN	5785	16.286085	PASS
			-30	VN	5785.02	3.457217	PASS
11A	Ant2	5825	50	VN	5824.9	-17.167382	PASS
			40	VN	5825.06	10.300429	PASS
			30	VN	5825.1	17.167382	PASS
			20	VN	5825.02	3.433476	PASS
			10	VN	5825.04	6.866953	PASS
			0	VN	5825	3.761004	PASS
			-10	VN	5825	-4.561004	PASS
			-20	VN	5824.94	-10.300429	PASS
			-30	VN	5825.06	10.300429	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant1	5180	50	VN	5179.98	-3.861004	PASS
			40	VN	5180.06	11.583012	PASS
			30	VN	5179.98	-3.861004	PASS
			20	VN	5179.96	-7.722008	PASS
			10	VN	5179.94	-11.583012	PASS
			0	VN	5179.98	-3.861004	PASS
			-10	VN	5179.98	-3.861004	PASS
			-20	VN	5179.9	-19.305019	PASS
			-30	VN	5179.92	-15.444015	PASS
11N20	Ant1	5200	50	VN	5199.92	-15.384615	PASS
			40	VN	5199.98	-3.846154	PASS
			30	VN	5199.92	-15.384615	PASS
			20	VN	5199.94	-11.538462	PASS
			10	VN	5200	12.538462	PASS
			0	VN	5199.98	-3.846154	PASS
			-10	VN	5199.94	-11.538462	PASS
			-20	VN	5199.92	-15.384615	PASS
			-30	VN	5200.02	3.846154	PASS

11N20	Ant1	5240	50	VN	5240.06	11.450382	PASS
			40	VN	5239.9	-19.083969	PASS
			30	VN	5239.96	-7.633588	PASS
			20	VN	5239.98	-3.816794	PASS
			10	VN	5239.94	-11.450382	PASS
			0	VN	5239.96	-7.633588	PASS
			-10	VN	5240.04	7.633588	PASS
			-20	VN	5240.04	7.633588	PASS
			-30	VN	5239.92	-15.267176	PASS
11N20	Ant1	5745	50	VN	5744.92	-13.925152	PASS
			40	VN	5744.92	-13.925152	PASS
			30	VN	5745	-15.267176	PASS
			20	VN	5744.96	-6.962576	PASS
			10	VN	5744.92	-13.925152	PASS
			0	VN	5744.98	-3.481288	PASS
			-10	VN	5744.96	-6.962576	PASS
			-20	VN	5744.98	-3.481288	PASS
			-30	VN	5744.96	-6.962576	PASS
11N20	Ant1	5785	50	VN	5785	-6.962576	PASS
			40	VN	5784.96	-6.914434	PASS
			30	VN	5784.96	-6.914434	PASS
			20	VN	5784.98	-3.457217	PASS
			10	VN	5785.04	6.914434	PASS
			0	VN	5785.02	3.457217	PASS
			-10	VN	5785.02	3.457217	PASS
			-20	VN	5785	10.300429	PASS
			-30	VN	5785.02	3.457217	PASS
11N20	Ant1	5825	50	VN	5825	11.538462	PASS
			40	VN	5825.06	10.300429	PASS
			30	VN	5825.02	3.433476	PASS
			20	VN	5824.96	-6.866953	PASS
			10	VN	5825.08	13.733906	PASS
			0	VN	5825.06	10.300429	PASS
			-10	VN	5825.04	6.866953	PASS
			-20	VN	5825.02	3.433476	PASS
			-30	VN	5825.04	6.866953	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N20	Ant2	5180	50	VN	5180	0	PASS
			40	VN	5179.94	-11.583012	PASS
			30	VN	5179.96	-7.722008	PASS
			20	VN	5180.06	11.583012	PASS
			10	VN	5180	0	PASS
			0	VN	5180.02	3.861004	PASS
			-10	VN	5180	0	PASS
			-20	VN	5179.98	-3.861004	PASS
			-30	VN	5180	0	PASS
11N20	Ant2	5200	50	VN	5200.04	7.692308	PASS
			40	VN	5200	0	PASS
			30	VN	5200.04	7.692308	PASS
			20	VN	5199.96	-7.692308	PASS
			10	VN	5199.98	-3.846154	PASS
			0	VN	5200.06	11.538462	PASS
			-10	VN	5199.96	-7.692308	PASS
			-20	VN	5199.92	-15.384615	PASS
			-30	VN	5199.98	-3.846154	PASS
11N20	Ant2	5240	50	VN	5239.98	-3.816794	PASS
			40	VN	5240.06	11.450382	PASS
			30	VN	5240.08	15.267176	PASS
			20	VN	5240.08	15.267176	PASS
			10	VN	5239.98	-3.816794	PASS
			0	VN	5239.94	-11.450382	PASS
			-10	VN	5239.9	-19.083969	PASS
			-20	VN	5239.96	-7.633588	PASS
			-30	VN	5240.06	11.450382	PASS
11N20	Ant2	5745	50	VN	5744.96	-6.962576	PASS
			40	VN	5744.96	-13.925152	PASS
			30	VN	5744.98	-3.481288	PASS
			20	VN	5744.96	-6.962576	PASS
			10	VN	5745.06	10.443864	PASS
			0	VN	5744.96	-6.962576	PASS
			-10	VN	5744.98	-3.481288	PASS
			-20	VN	5745.08	13.925152	PASS
			-30	VN	5745	0	PASS
11N20	Ant2	5785	50	VN	5784.98	-3.457217	PASS
			40	VN	5784.96	-6.914434	PASS
			30	VN	5785	0	PASS
			20	VN	5785	0	PASS
			10	VN	5785.06	10.371651	PASS
			0	VN	5785.04	6.914434	PASS

			-10	VN	5785.06	10.371651	PASS
			-20	VN	5785.04	6.914434	PASS
			-30	VN	5784.98	-3.457217	PASS
11N20	Ant2	5825	50	VN	5825.02	3.433476	PASS
			40	VN	5825	0	PASS
			30	VN	5825.04	6.866953	PASS
			20	VN	5825	0	PASS
			10	VN	5824.98	-3.433476	PASS
			0	VN	5825.04	6.866953	PASS
			-10	VN	5825	0	PASS
			-20	VN	5825.08	13.733906	PASS
			-30	VN	5825.06	10.300429	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant1	5190	50	VN	5190.04	7.707129	PASS
			40	VN	5190.07	10.300429	PASS
			30	VN	5189.96	-7.707129	PASS
			20	VN	5189.92	-15.414258	PASS
			10	VN	5189.92	-15.414258	PASS
			0	VN	5189.96	-7.707129	PASS
			-10	VN	5190	7.707129	PASS
			-20	VN	5190.08	15.414258	PASS
			-30	VN	5190.04	0	PASS
11N40	Ant1	5230	50	VN	5230	0	PASS
			40	VN	5229.92	-15.296367	PASS
			30	VN	5229.96	-7.648184	PASS
			20	VN	5230.04	7.648184	PASS
			10	VN	5230	0	PASS
			0	VN	5229.96	-7.648184	PASS
			-10	VN	5230	0	PASS
			-20	VN	5229.92	-15.296367	PASS
			-30	VN	5229.96	-7.648184	PASS
11N40	Ant1	5755	50	VN	5755.04	6.950478	PASS
			40	VN	5754.96	-6.950478	PASS
			30	VN	5754.96	-6.950478	PASS
			20	VN	5755.04	6.950478	PASS
			10	VN	5754.92	-13.900956	PASS
			0	VN	5755	0	PASS
			-10	VN	5755.04	6.950478	PASS
			-20	VN	5755.08	13.900956	PASS
			-30	VN	5755.08	13.900956	PASS
11N40	Ant1	5795	50	VN	5795	0	PASS
			40	VN	5794.96	-6.902502	PASS
			30	VN	5794.96	-6.902502	PASS

			20	VN	5795	0	PASS
			10	VN	5794.96	-6.902502	PASS
			0	VN	5795.04	6.902502	PASS
			-10	VN	5794.96	-6.902502	PASS
			-20	VN	5795	0	PASS
			-30	VN	5794.96	-6.902502	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11N40	Ant2	5190	50	VN	5190.04	7.707129	PASS
			40	VN	5189.96	-7.707129	PASS
			30	VN	5190.04	7.707129	PASS
			20	VN	5190	0	PASS
			10	VN	5190	0	PASS
			0	VN	5189.96	-7.707129	PASS
			-10	VN	5189.96	-7.707129	PASS
			-20	VN	5190.04	7.707129	PASS
			-30	VN	5190	0	PASS
11N40	Ant2	5230	50	VN	5229.96	-7.648184	PASS
			40	VN	5230.04	7.648184	PASS
			30	VN	5230.08	15.296367	PASS
			20	VN	5230	0	PASS
			10	VN	5230	0	PASS
			0	VN	5230.08	15.296367	PASS
			-10	VN	5230.04	7.648184	PASS
			-20	VN	5229.96	-7.648184	PASS
			-30	VN	5229.92	-15.296367	PASS
11N40	Ant2	5755	50	VN	5755.04	6.950478	PASS
			40	VN	5755	0	PASS
			30	VN	5755	0	PASS
			20	VN	5754.92	-13.900956	PASS
			10	VN	5754.96	-6.950478	PASS
			0	VN	5755	0	PASS
			-10	VN	5754.92	6.950478	PASS
			-20	VN	5755.04	6.950478	PASS
			-30	VN	5754.96	-6.950478	PASS
11N40	Ant2	5795	50	VN	5794.96	-6.902502	PASS
			40	VN	5794.96	-6.902502	PASS
			30	VN	5795.08	13.805004	PASS
			20	VN	5795.08	13.805004	PASS
			10	VN	5795	0	PASS
			0	VN	5794.96	-6.902502	PASS
			-10	VN	5795.08	13.805004	PASS
			-20	VN	5795.08	13.805004	PASS
			-30	VN	5795.07	11.363636	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant1	5180	50	VN	5180	0	PASS
			40	VN	5179.96	-7.722008	PASS
			30	VN	5179.92	-15.444015	PASS
			20	VN	5179.94	-11.583012	PASS
			10	VN	5179.9	-19.305019	PASS
			0	VN	5179.92	-15.444015	PASS
			-10	VN	5179.92	-15.444015	PASS
			-20	VN	5179.98	-3.861004	PASS
			-30	VN	5179.94	-11.583012	PASS
11AC20	Ant1	5200	50	VN	5199.98	-3.846154	PASS
			40	VN	5199.96	-7.692308	PASS
			30	VN	5200	0	PASS
			20	VN	5200	0	PASS
			10	VN	5199.94	-11.538462	PASS
			0	VN	5200	0	PASS
			-10	VN	5199.98	-3.846154	PASS
			-20	VN	5200	0	PASS
			-30	VN	5200.04	7.692308	PASS
11AC20	Ant1	5240	50	VN	5240.02	3.816794	PASS
			40	VN	5239.94	-11.450382	PASS
			30	VN	5240.06	11.450382	PASS
			20	VN	5240	0	PASS
			10	VN	5239.98	-3.816794	PASS
			0	VN	5240	0	PASS
			-10	VN	5239.96	-7.633588	PASS
			-20	VN	5239.92	-15.267176	PASS
			-30	VN	5240	0	PASS
11AC20	Ant1	5745	50	VN	5744.9	-17.40644	PASS
			40	VN	5744.96	-6.962576	PASS
			30	VN	5744.98	-3.481288	PASS
			20	VN	5744.9	-17.40644	PASS
			10	VN	5744.94	-10.443864	PASS
			0	VN	5744.94	-10.443864	PASS
			-10	VN	5744.98	-3.481288	PASS
			-20	VN	5744.96	-6.962576	PASS
			-30	VN	5744.96	-6.962576	PASS
11AC20	Ant1	5785	50	VN	5785	0	PASS
			40	VN	5784.98	-3.457217	PASS
			30	VN	5784.98	-3.457217	PASS
			20	VN	5785	0	PASS
			10	VN	5784.98	-3.457217	PASS
			0	VN	5785.06	10.371651	PASS

			-10	VN	5784.96	-6.914434	PASS
			-20	VN	5785.04	6.914434	PASS
			-30	VN	5785.04	6.914434	PASS
11AC20	Ant1	5825	50	VN	5825.06	10.300429	PASS
			40	VN	5825.02	3.433476	PASS
			30	VN	5825.02	3.433476	PASS
			20	VN	5825.02	3.433476	PASS
			10	VN	5825.02	3.433476	PASS
			0	VN	5824.9	-17.167382	PASS
			-10	VN	5825.02	3.433476	PASS
			-20	VN	5824.98	-3.433476	PASS
			-30	VN	5825.04	6.866953	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC20	Ant2	5180	50	VN	5180	0	PASS
			40	VN	5179.96	-7.722008	PASS
			30	VN	5180	0	PASS
			20	VN	5180.06	11.583012	PASS
			10	VN	5179.96	-7.722008	PASS
			0	VN	5179.98	-3.861004	PASS
			-10	VN	5180	0	PASS
			-20	VN	5180.06	11.583012	PASS
			-30	VN	5179.94	-11.583012	PASS
11AC20	Ant2	5200	50	VN	5200.02	3.846154	PASS
			40	VN	5200.08	15.384615	PASS
			30	VN	5199.98	-3.846154	PASS
			20	VN	5200.06	11.538462	PASS
			10	VN	5200	0	PASS
			0	VN	5200.04	7.692308	PASS
			-10	VN	5200	0	PASS
			-20	VN	5200	0	PASS
			-30	VN	5199.98	-3.846154	PASS
11AC20	Ant2	5240	50	VN	5240	0	PASS
			40	VN	5239.9	-19.083969	PASS
			30	VN	5239.98	-3.816794	PASS
			20	VN	5240.04	7.633588	PASS
			10	VN	5240.04	7.633588	PASS
			0	VN	5240.04	7.633588	PASS
			-10	VN	5240.02	3.816794	PASS
			-20	VN	5240.04	7.633588	PASS
			-30	VN	5240.04	7.633588	PASS
11AC20	Ant2	5745	50	VN	5744.96	-6.962576	PASS
			40	VN	5745.1	17.40644	PASS
			30	VN	5745	0	PASS

			20	VN	5745.02	3.481288	PASS
			10	VN	5744.96	-6.962576	PASS
			0	VN	5744.98	-3.481288	PASS
			-10	VN	5745	0	PASS
			-20	VN	5745.06	10.443864	PASS
			-30	VN	5745	0	PASS
11AC20	Ant2	5785	50	VN	5785.06	10.371651	PASS
			40	VN	5785.02	3.457217	PASS
			30	VN	5784.98	-3.457217	PASS
			20	VN	5784.96	-6.914434	PASS
			10	VN	5785.06	10.371651	PASS
			0	VN	5784.98	-3.457217	PASS
			-10	VN	5784.94	-10.371651	PASS
			-20	VN	5785.06	10.371651	PASS
			-30	VN	5785	0	PASS
11AC20	Ant2	5825	50	VN	5825.02	3.433476	PASS
			40	VN	5825.02	3.433476	PASS
			30	VN	5824.98	-3.433476	PASS
			20	VN	5824.96	-6.866953	PASS
			10	VN	5824.96	-6.866953	PASS
			0	VN	5824.98	-3.433476	PASS
			-10	VN	5825.02	3.433476	PASS
			-20	VN	5824.96	-6.866953	PASS
			-30	VN	5825.08	13.733906	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant1	5190	50	VN	5190	0	PASS
			40	VN	5190	-7.707129	PASS
			30	VN	5189.96	-7.707129	PASS
			20	VN	5190.08	15.414258	PASS
			10	VN	5190	0	PASS
			0	VN	5189.92	-15.414258	PASS
			-10	VN	5189.96	-7.707129	PASS
			-20	VN	5190	0	PASS
			-30	VN	5189.96	-7.707129	PASS
11AC40	Ant1	5230	50	VN	5230	0	PASS
			40	VN	5229.96	-7.648184	PASS
			30	VN	5230.09	15.444015	PASS
			20	VN	5229.97	-19.305019	PASS
			10	VN	5229.98	-19.230769	PASS
			0	VN	5230.09	11.538462	PASS
			-10	VN	5230.07	3.846154	PASS
			-20	VN	5230.04	7.648184	PASS
			-30	VN	5229.96	-7.648184	PASS

11AC40	Ant1	5755	50	VN	5755.04	6.950478	PASS
			40	VN	5754.96	-6.950478	PASS
			30	VN	5755.04	6.950478	PASS
			20	VN	5754.96	-6.950478	PASS
			10	VN	5755	0	PASS
			0	VN	5755	0	PASS
			-10	VN	5755.04	6.950478	PASS
			-20	VN	5755	0	PASS
			-30	VN	5755	0	PASS
11AC40	Ant1	5795	50	VN	5794.96	-6.902502	PASS
			40	VN	5795	0	PASS
			30	VN	5794.96	-6.902502	PASS
			20	VN	5794.96	-6.902502	PASS
			10	VN	5795	0	PASS
			0	VN	5794.96	-6.902502	PASS
			-10	VN	5794.96	-6.902502	PASS
			-20	VN	5795	0	PASS
			-30	VN	5795	0	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC40	Ant2	5190	50	VN	5190.04	7.707129	PASS
			40	VN	5190.04	-7.707129	PASS
			30	VN	5190	0	PASS
			20	VN	5190.04	7.707129	PASS
			10	VN	5190.04	7.707129	PASS
			0	VN	5190.08	15.414258	PASS
			-10	VN	5190	0	PASS
			-20	VN	5190.04	7.707129	PASS
			-30	VN	5190	0	PASS
11AC40	Ant2	5230	50	VN	5230.04	7.648184	PASS
			40	VN	5230.04	7.648184	PASS
			30	VN	5230	0	PASS
			20	VN	5229.96	-7.648184	PASS
			10	VN	5230.04	7.648184	PASS
			0	VN	5229.96	-7.648184	PASS
			-10	VN	5230	0	PASS
			-20	VN	5229.96	-7.648184	PASS
			-30	VN	5229.96	-7.648184	PASS
11AC40	Ant2	5755	50	VN	5755.04	6.950478	PASS
			40	VN	5755.04	6.950478	PASS
			30	VN	5755	0	PASS
			20	VN	5754.92	-13.900956	PASS
			10	VN	5755.08	13.900956	PASS
			0	VN	5755	0	PASS

			-10	VN	5755	0	PASS
			-20	VN	5754.96	-6.950478	PASS
			-30	VN	5754.96	-6.950478	PASS
11AC40	Ant2	5795	50	VN	5795.04	6.902502	PASS
			40	VN	5795.04	6.902502	PASS
			30	VN	5795	0	PASS
			20	VN	5794.96	-6.902502	PASS
			10	VN	5794.96	-6.902502	PASS
			0	VN	5795.08	13.805004	PASS
			-10	VN	5795.04	6.902502	PASS
			-20	VN	5795.08	13.805004	PASS
			-30	VN	5795.08	13.805004	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80	Ant1	5210	50	VN	5210	0	PASS
			40	VN	5210	0	PASS
			30	VN	5209.92	-15.355086	PASS
			20	VN	5210	0	PASS
			10	VN	5210.08	15.355086	PASS
			0	VN	5210.08	15.355086	PASS
			-10	VN	5209.92	15.355086	PASS
			-20	VN	5210	0	PASS
			-30	VN	5210.08	-15.355086	PASS
11AC80	Ant1	5775	50	VN	5775	0	PASS
			40	VN	5775.08	13.852814	PASS
			30	VN	5775	0	PASS
			20	VN	5775.08	13.852814	PASS
			10	VN	5775	0	PASS
			0	VN	5774.92	-13.852814	PASS
			-10	VN	5775.08	13.852814	PASS
			-20	VN	5775	0	PASS
			-30	VN	5775	0	PASS

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11AC80	Ant2	5210	50	VN	5210	0	PASS
			40	VN	5210.08	15.355086	PASS
			30	VN	5210.08	15.355086	PASS
			20	VN	5210.07	13.852814	PASS
			10	VN	5219.97	-13.852814	PASS
			0	VN	5210	0	PASS
			-10	VN	5210	15.355086	PASS
			-20	VN	5210.08	15.355086	PASS
			-30	VN	5210.08	0	PASS
11AC80	Ant2	5775	50	VN	5775.08	13.852814	PASS
			40	VN	5775	0	PASS
			30	VN	5775.08	13.852814	PASS
			20	VN	5775	0	PASS
			10	VN	5775	0	PASS
			0	VN	5775.08	13.852814	PASS
			-10	VN	5775.08	13.852814	PASS
			-20	VN	5775	0	PASS
			-30	VN	5775	0	PASS

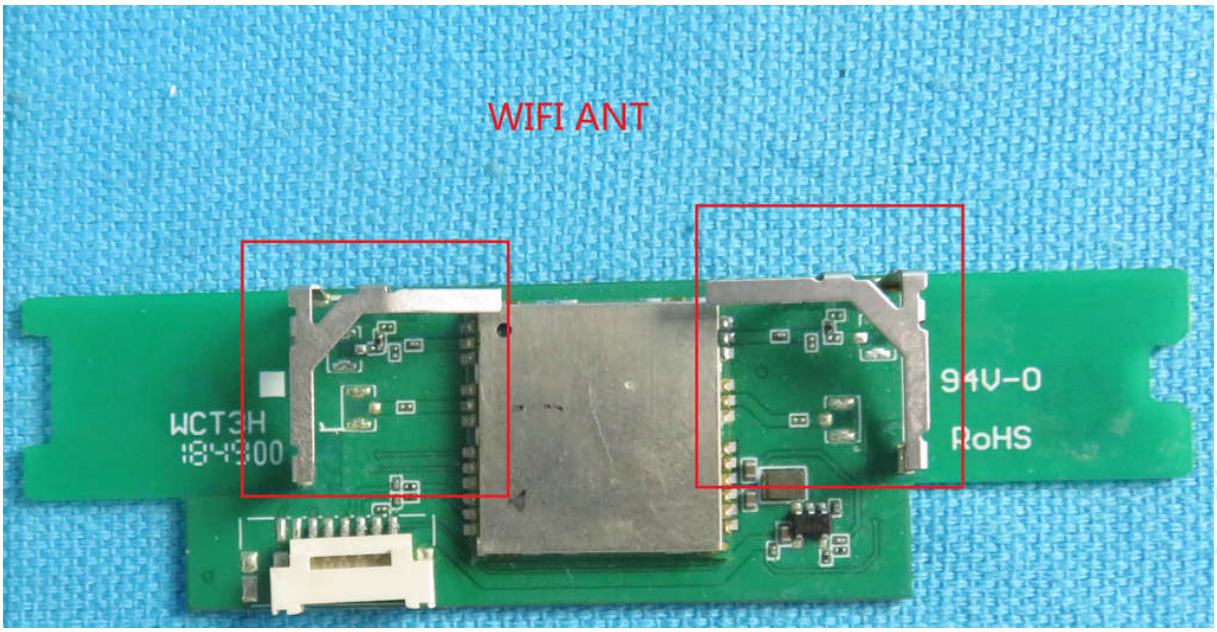
Appendix G): Antenna Requirement

15.203 requirement:
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.407(a)(1) (2) requirement:
The conducted output power limit specified in paragraph (a) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (a) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power and the peak power spectral density shall be reduced by the by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:	

The antenna is PIFA Antenna and no consideration of replacement. The best case gain of the antenna is 3dBi.



Appendix H): Operation in the absence of information to the transmit

15.407(c) requirement: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signal ling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.
Operation in the absence of information to the transmit
Operation never ceases as information from cell town is always present. (manufacturer declare)

Appendix I): AC Power Line Conducted Emission

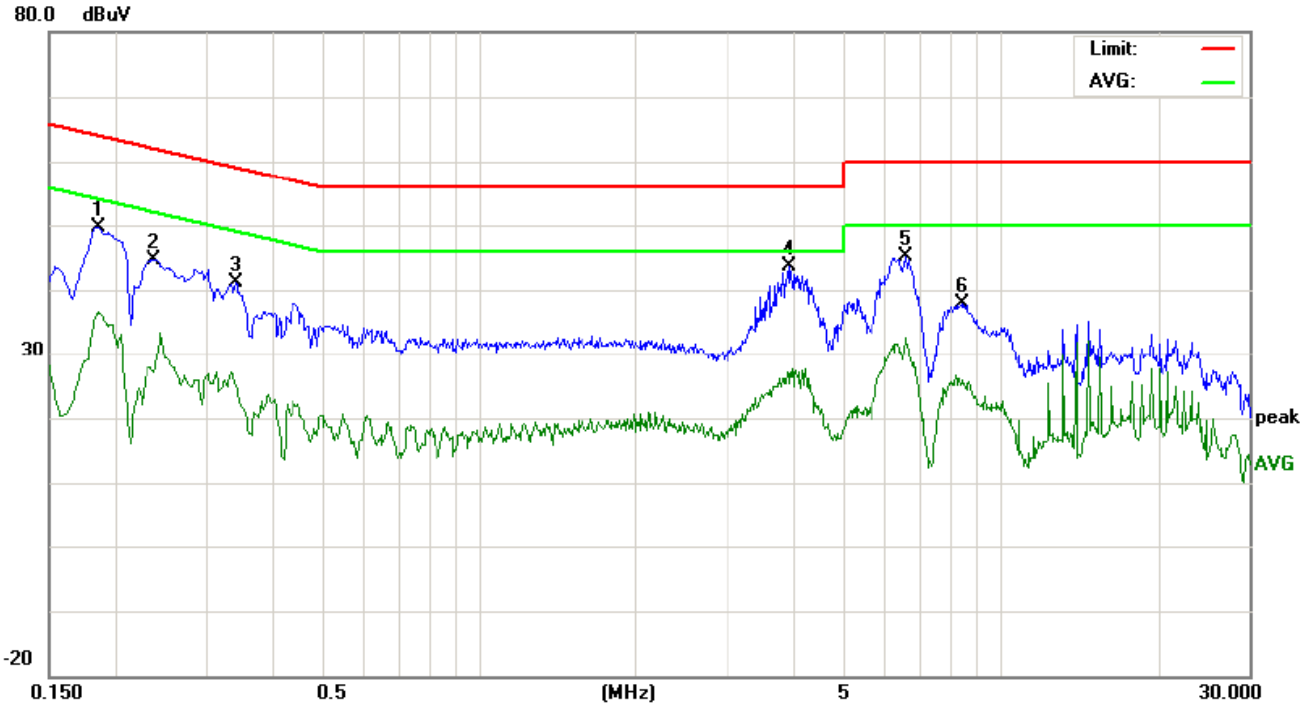
Test Procedure:	Test frequency range :150KHz-30MHz 1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (LineImpedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT wereconnected to a second LISN 2, which was bonded to the groundreference plane in the same way as the LISN 1 for the unit beingmeasured. A multiple socket outlet strip was used to connect multiplepower cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above theground reference plane. And for floor-standing arrangement, the EUT wasplaced on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal groundreference plane. The LISN 1 was placed 0.8 m from the boundary of theunit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance wasbetween the closest points of the LISN 1 and the EUT. All other unit ofthe EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
Limit:	Frequency range (MHz) / Limit (dBμV): Quasi-peak / Average 0.15-0.5: 66 to 56* / 56 to 46* 0.5-5: 56 / 46 5-30: 60 / 50 * The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz. NOTE : The lower limit is applicable at the transition frequency

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.

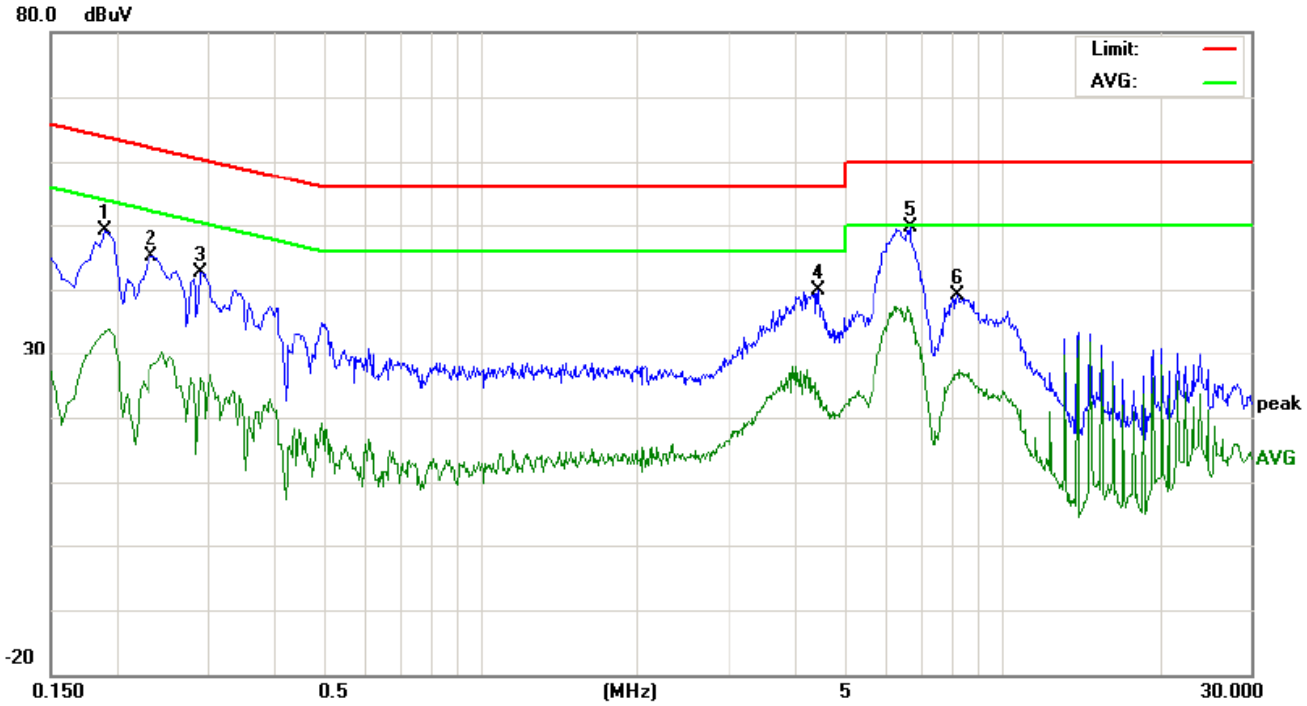
Quasi-Peak and Average measurement were performed at the frequencies with maximized peakemission were detected.

Live line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1860	39.82	36.42	26.75	9.91	49.73	46.33	36.66	64.21	54.21	-17.88	-17.55	P	
2	0.2380	34.73	31.15	17.30	9.94	44.67	41.09	27.24	62.16	52.16	-21.07	-24.92	P	
3	0.3420	31.30	28.45	15.07	9.95	41.25	38.40	25.02	59.15	49.15	-20.75	-24.13	P	
4	3.9580	33.96	30.54	15.65	9.73	43.69	40.27	25.38	56.00	46.00	-15.73	-20.62	P	
5	6.6100	35.51	31.55	22.80	9.74	45.25	41.29	32.54	60.00	50.00	-18.71	-17.46	P	
6	8.4700	28.11	25.37	15.62	9.79	37.90	35.16	25.41	60.00	50.00	-24.84	-24.59	P	

Neutral line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1900	39.27	36.15	23.50	9.91	49.18	46.06	33.41	64.03	54.03	-17.97	-20.62	P	
2	0.2340	35.24	31.56	18.07	9.94	45.18	41.50	28.01	62.30	52.30	-20.80	-24.29	P	
3	0.2900	32.73	28.45	16.15	9.99	42.72	38.44	26.14	60.52	50.52	-22.08	-24.38	P	
4	4.4420	30.09	26.58	14.32	9.73	39.82	36.31	24.05	56.00	46.00	-19.69	-21.95	P	
5	6.6820	39.89	36.15	26.27	9.74	49.63	45.89	36.01	60.00	50.00	-14.11	-13.99	P	
6	8.2299	29.22	25.56	16.99	9.79	39.01	35.35	26.78	60.00	50.00	-24.65	-23.22	P	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

Appendix J): Restricted bands around fundamental frequency (Radiated Emission)

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	VBW≤RBW/100,but not less than 10 Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

The EUT was placed on the top of a rotating table 0.8 meters above the groundat a 3 meter semi-anechoic camber. The table was rotated 360 degrees todetermine the position of the highest radiation.

The EUT was set 3 meters away from the interference-receiving antenna, whichwas mounted on the top of a variable-height antenna tower.

The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

For each suspected emission, the EUT was arranged to its worst case and thenthe antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.

The test-receiver system was set to Peak Detect Function and SpecifiedBandwidth with Maximum Hold Mode.

Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel

Above 1GHz test procedure as below:

Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 metre to 1.5 metre(Above 18GHz the distance is 1 meter and table is 1.5 metre).

Test the EUT in the lowest channel , the Highest channel

The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

Repeat above procedures until all frequencies measured was complete.

Limit:

Frequency	Limit (dBμV/m @3cm)	Remark
30MHz-88MHz	40.0	Quasi-peak Value
88MHz-216MHz	43.5	Quasi-peak Value
216MHz-960MHz	46.0	Quasi-peak Value
960MHz-1GHz	54.0	Quasi-peak Value
Above 1GHz	54.0	Average Value
	74.0	Peak Value

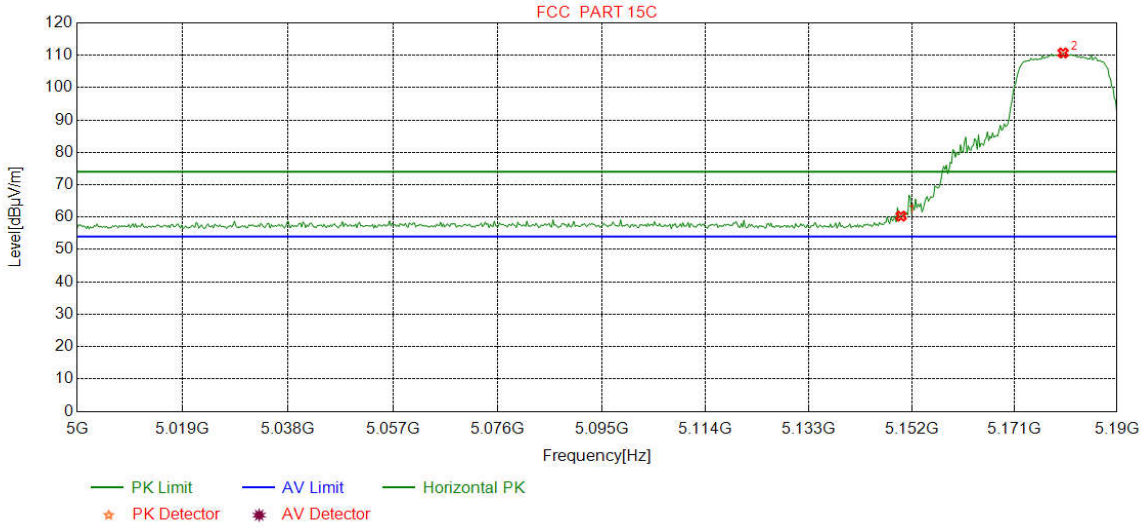
Note: Unless otherwise specified, for all frequencies greater than 1 GHz, the radiated emission limits for licence-exempt radio apparatus stated in applicable RSSs (including RSS-Gen) are based on measurements using a linear average detector function having a minimum resolution bandwidth of 1 MHz. If an average limit is specified for the EUT, then the peak emission shall also be measured with instrumentation properly adjusted for such factors as pulse desensitization to ensure the peak emission is less than 20 dB above the average limit.

Test Ambient:	Temp.: 20°C	Humid.: 59%	Press.: 101kPa

Test plot as follows:

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	Peak		

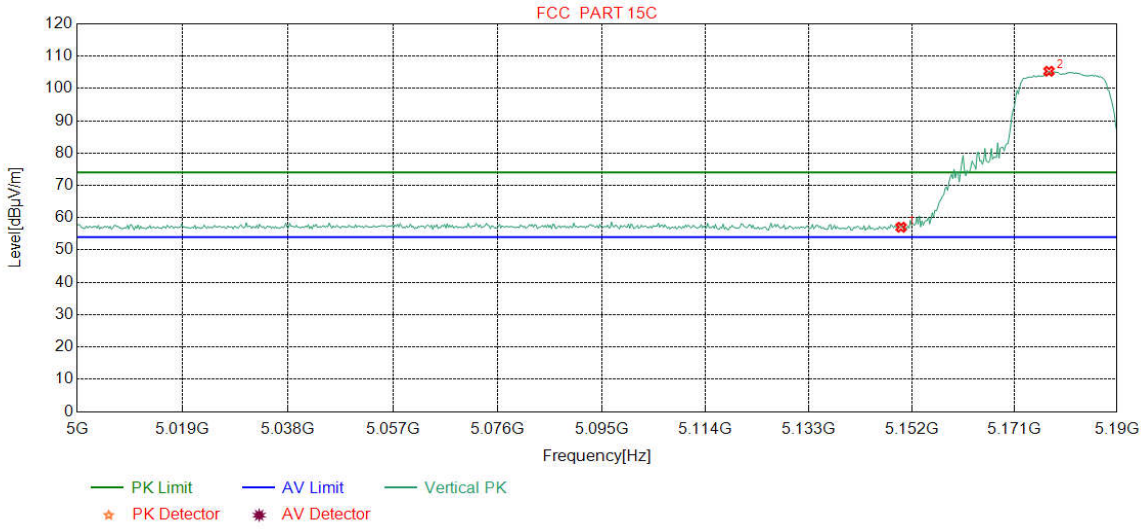
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	51.12	60.31	74.00	13.69	Pass	Horizontal
2	5180.0125	34.68	15.37	-40.55	101.22	110.72	74.00	-36.72	Pass	Horizontal

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	Peak		

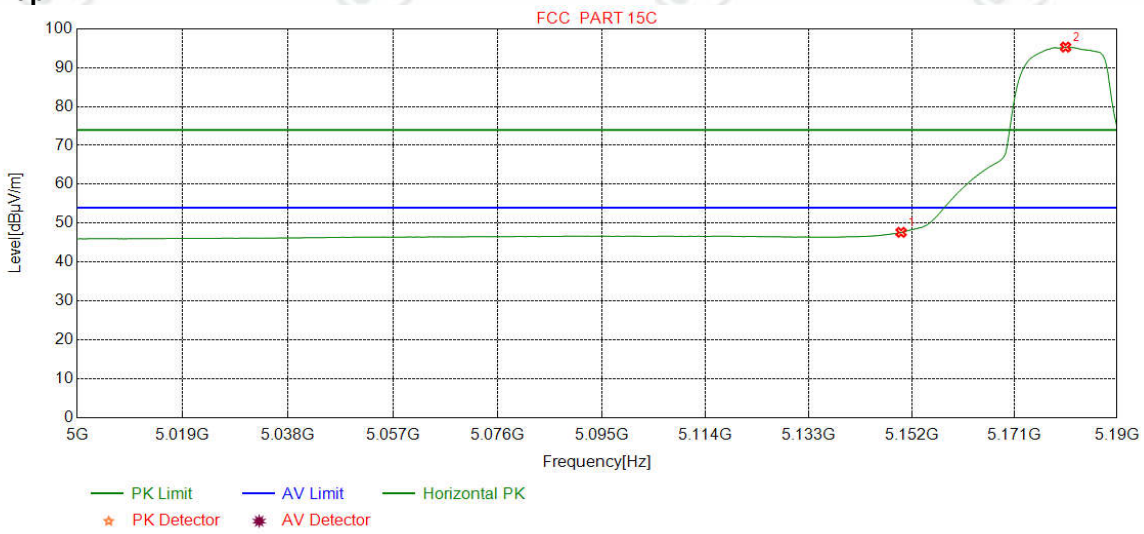
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.87	57.06	74.00	16.94	Pass	Vertical
2	5177.3967	34.68	15.35	-40.55	95.85	105.33	74.00	-31.33	Pass	Vertical

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	AV		

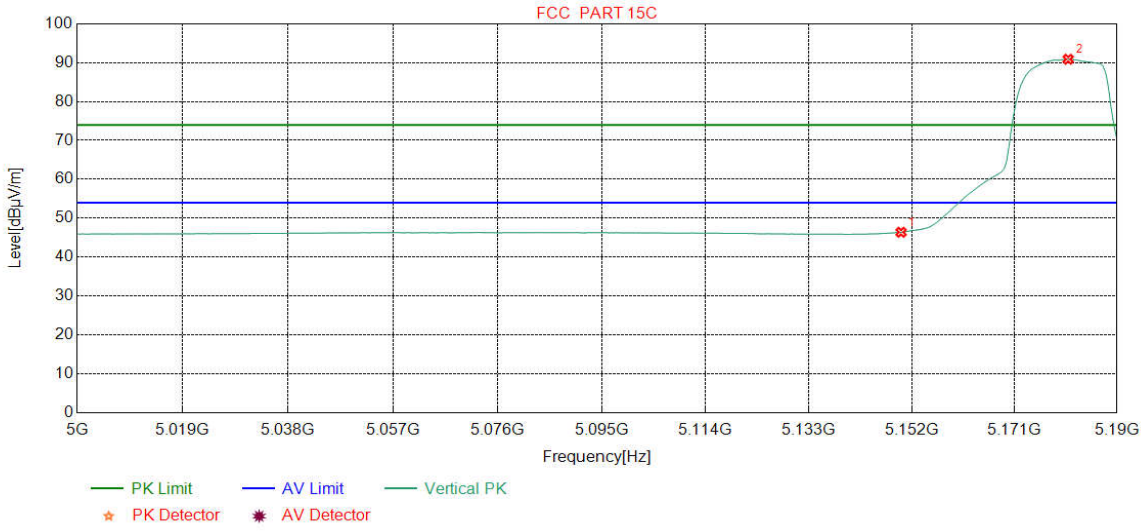
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	38.44	47.63	54.00	6.37	Pass	Horizontal
2	5180.4881	34.68	15.38	-40.55	85.80	95.31	54.00	-41.31	Pass	Horizontal

Mode:	802.11 a(HT20) Transmitting	Channel:	5180
Remark:	AV		

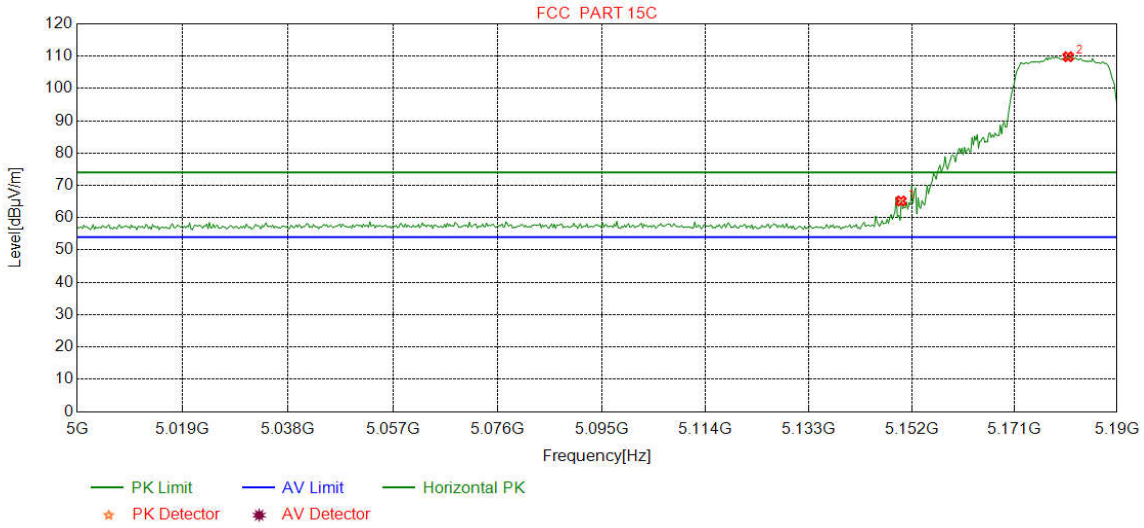
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	37.18	46.37	54.00	7.63	Pass	Vertical
2	5180.9637	34.68	15.38	-40.55	81.39	90.90	54.00	-36.90	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	Peak		

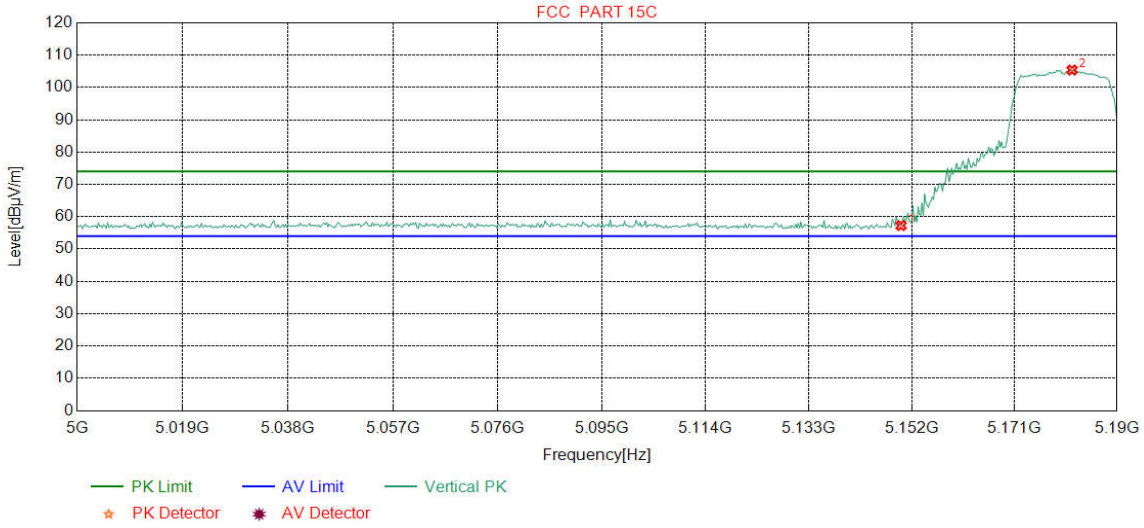
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	55.99	65.18	74.00	8.82	Pass	Horizontal
2	5180.9637	34.68	15.38	-40.55	100.30	109.81	74.00	-35.81	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	Peak		

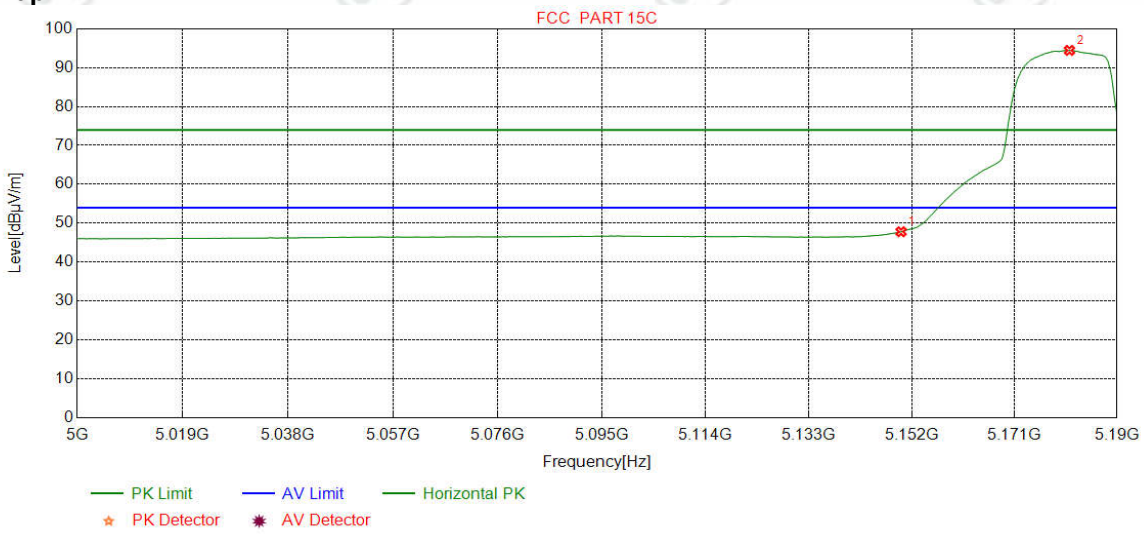
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	48.07	57.26	74.00	16.74	Pass	Vertical
2	5181.6771	34.68	15.39	-40.55	95.88	105.40	74.00	-31.40	Pass	Vertical

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	AV		

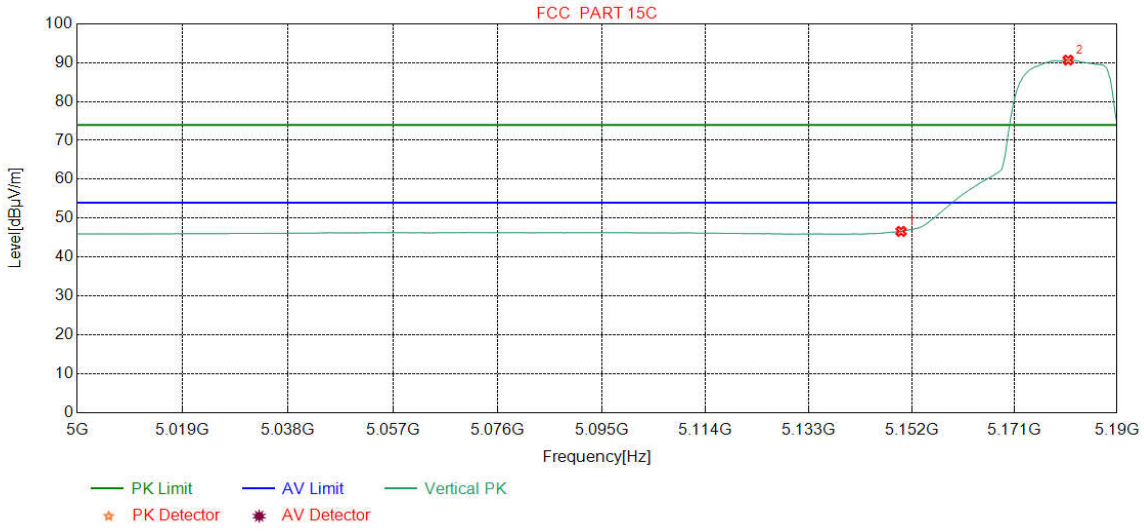
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	38.60	47.79	54.00	6.21	Pass	Horizontal
2	5181.2015	34.68	15.39	-40.55	84.94	94.46	54.00	-40.46	Pass	Horizontal

Mode:	802.11 n(HT20) Transmitting	Channel:	5180
Remark:	AV		

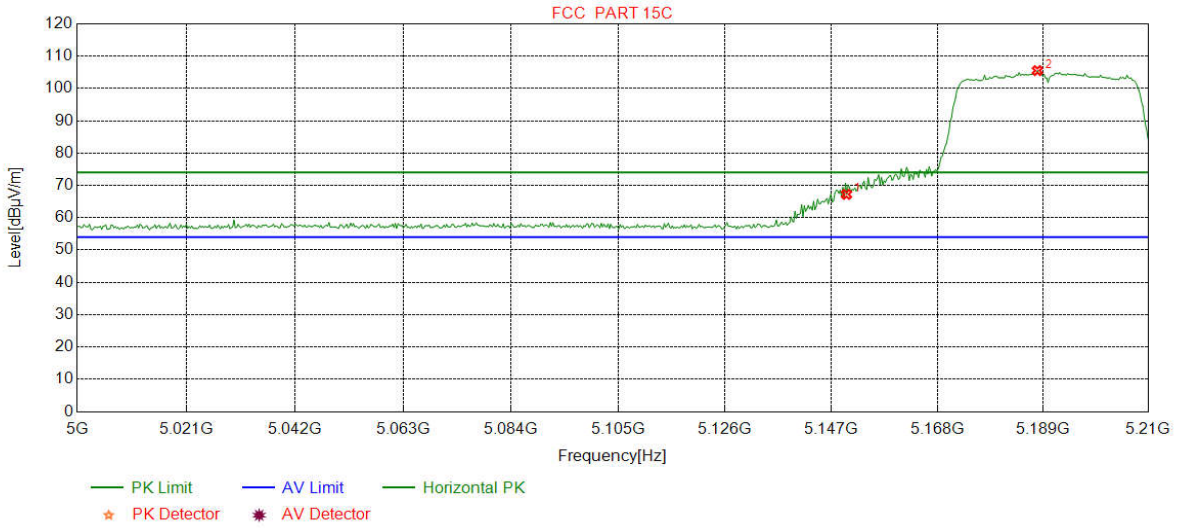
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	37.40	46.59	54.00	7.41	Pass	Vertical
2	5180.9637	34.68	15.38	-40.55	81.18	90.69	54.00	-36.69	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	Peak		

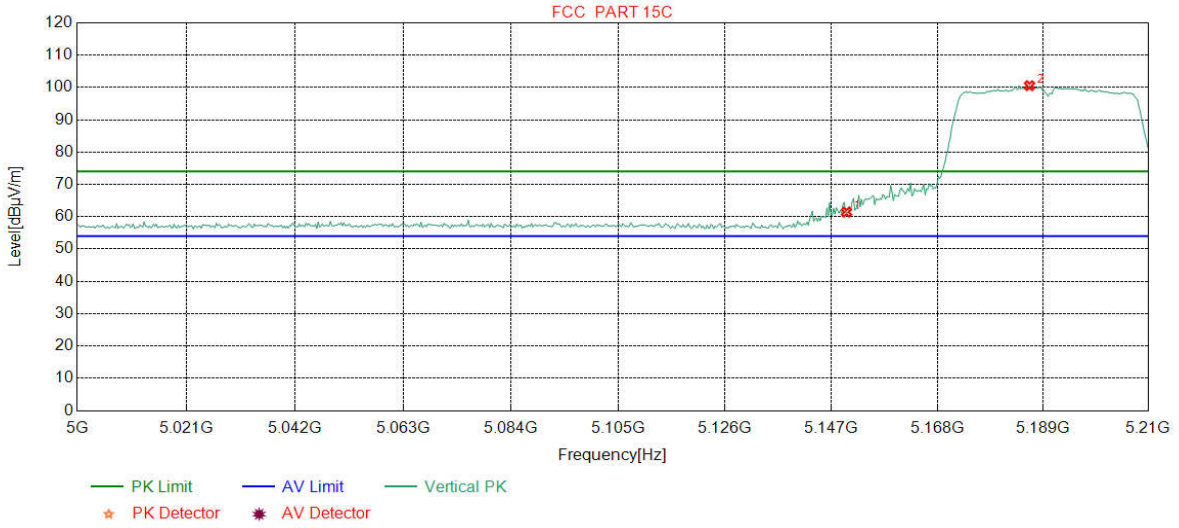
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	58.03	67.22	74.00	6.78	Pass	Horizontal
2	5187.9224	34.69	15.45	-40.55	95.94	105.53	74.00	-31.53	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	Peak		

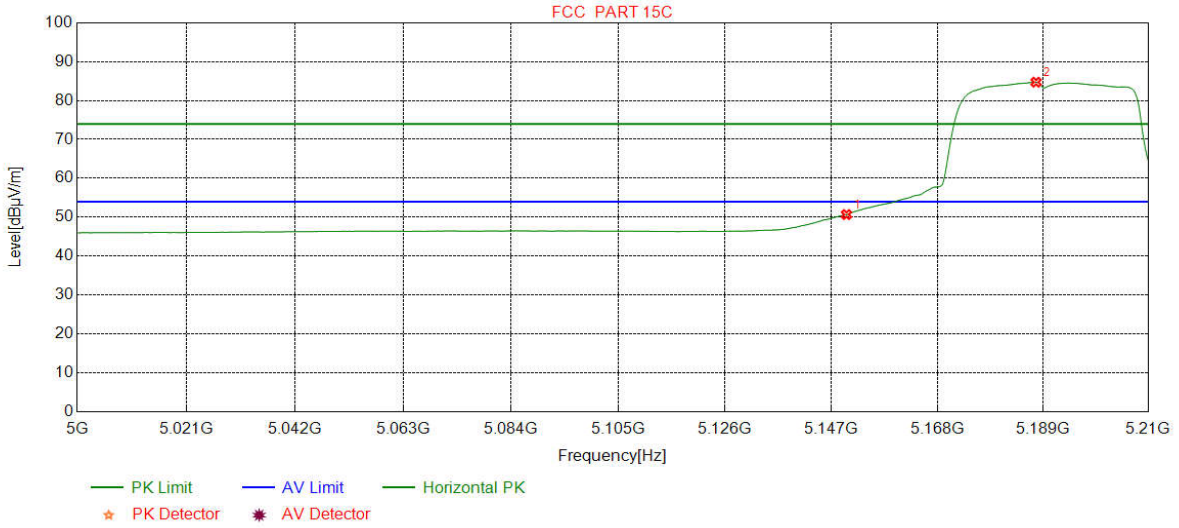
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	52.24	61.43	74.00	12.57	Pass	Vertical
2	5186.3454	34.69	15.44	-40.56	90.99	100.56	74.00	-26.56	Pass	Vertical

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	AV		

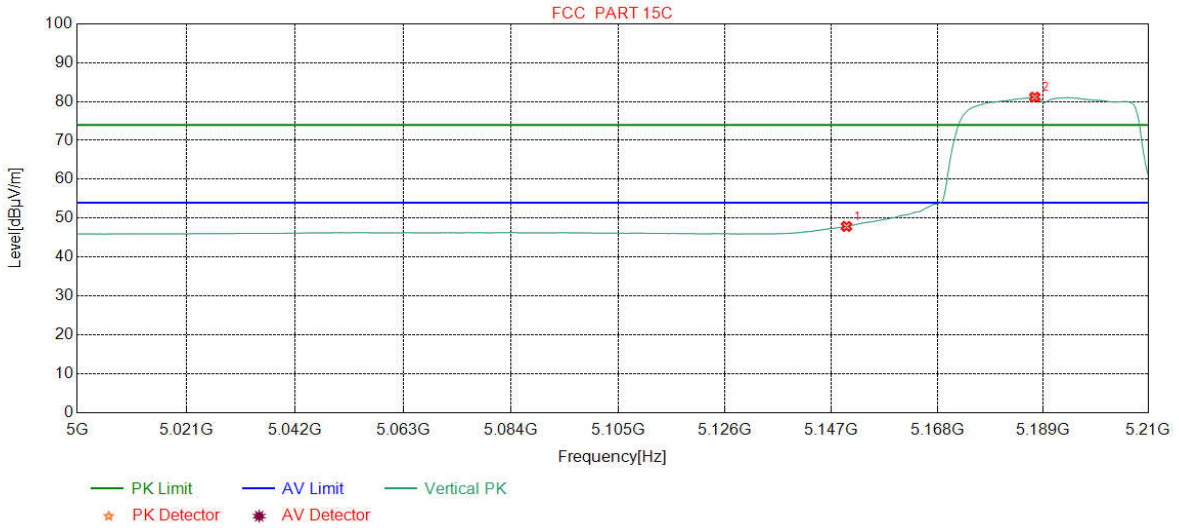
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	41.48	50.67	54.00	3.33	Pass	Horizontal
2	5187.6596	34.69	15.45	-40.56	75.16	84.74	54.00	-30.74	Pass	Horizontal

Mode:	802.11 n(HT40) Transmitting	Channel:	5190
Remark:	AV		

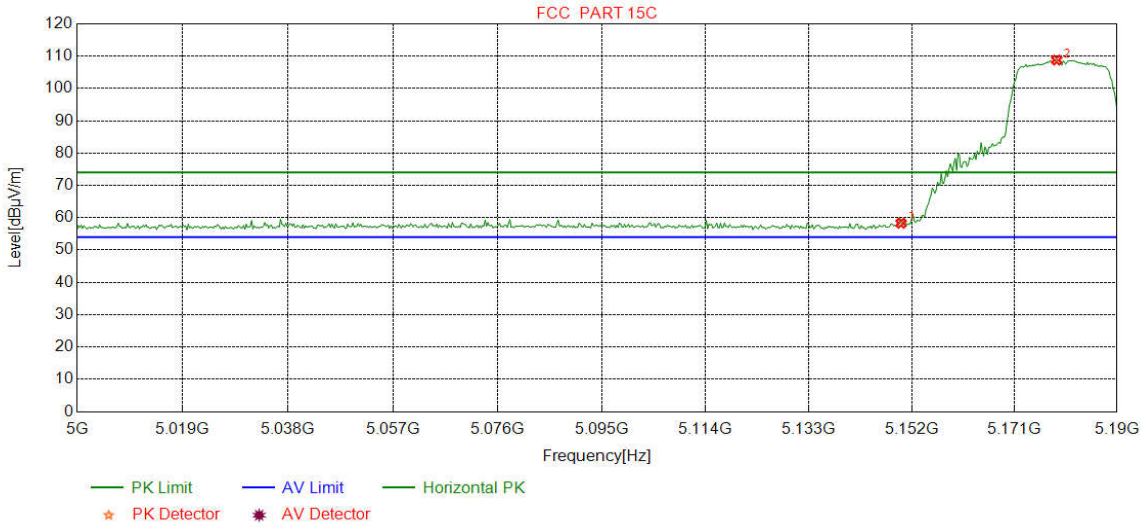
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	38.68	47.87	54.00	6.13	Pass	Vertical
2	5187.3967	34.69	15.45	-40.56	71.58	81.16	54.00	-27.16	Pass	Vertical

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	Peak		

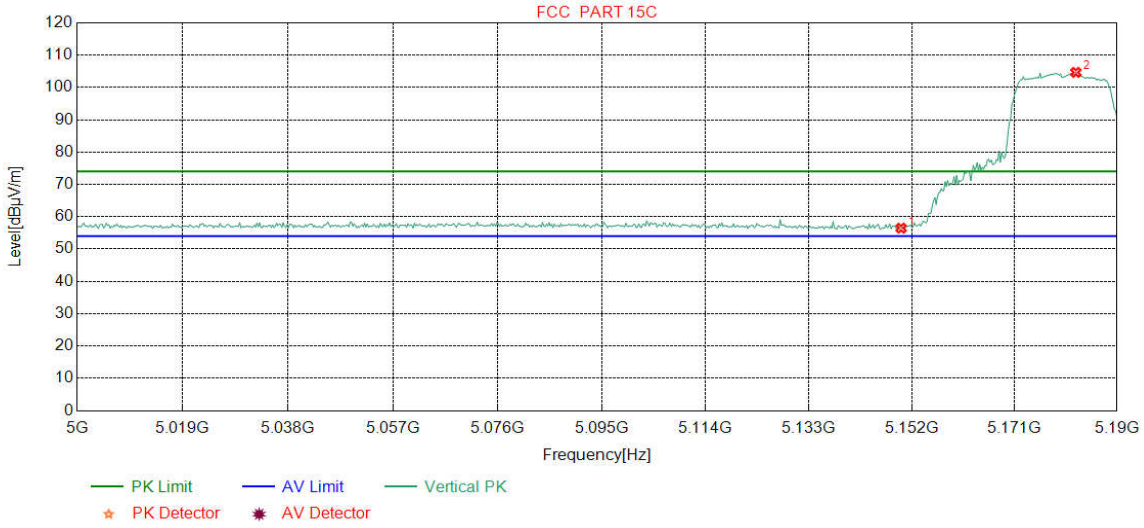
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	49.11	58.30	74.00	15.70	Pass	Horizontal
2	5178.8235	34.68	15.36	-40.55	99.30	108.79	74.00	-34.79	Pass	Horizontal

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	Peak		

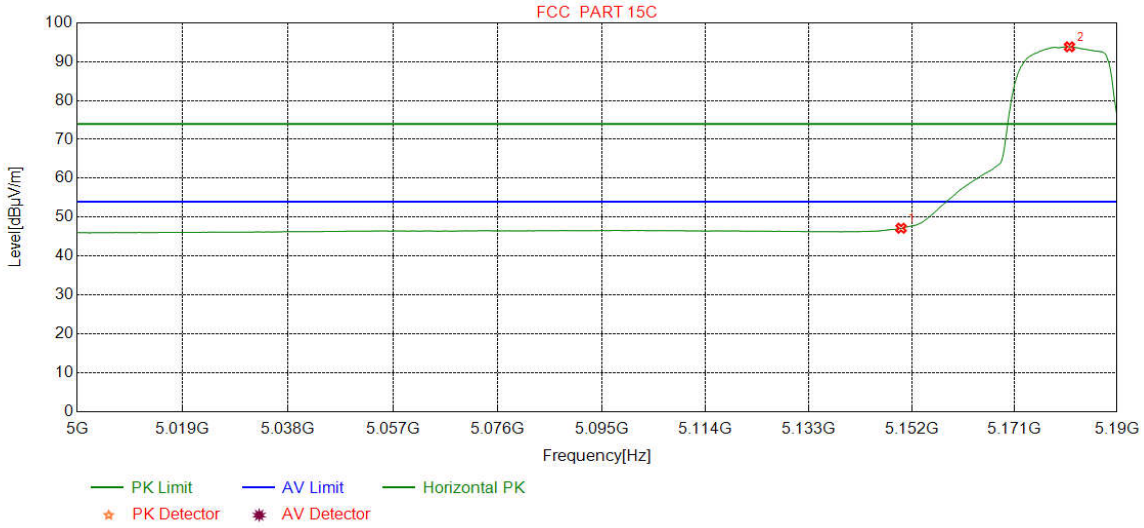
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	47.29	56.48	74.00	17.52	Pass	Vertical
2	5182.3905	34.68	15.40	-40.55	95.14	104.67	74.00	-30.67	Pass	Vertical

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	AV		

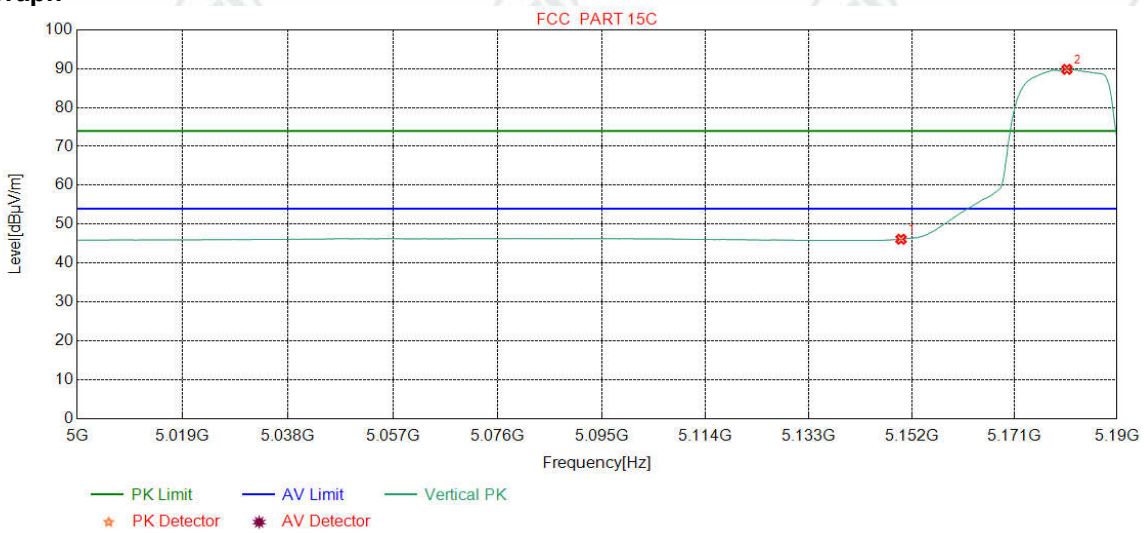
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	37.96	47.15	54.00	6.85	Pass	Horizontal
2	5181.2015	34.68	15.39	-40.55	84.32	93.84	54.00	-39.84	Pass	Horizontal

Mode:	802.11 ac(HT20) Transmitting	Channel:	5180
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	36.93	46.12	54.00	7.88	Pass	Vertical
2	5180.7259	34.68	15.38	-40.55	80.33	89.84	54.00	-35.84	Pass	Vertical

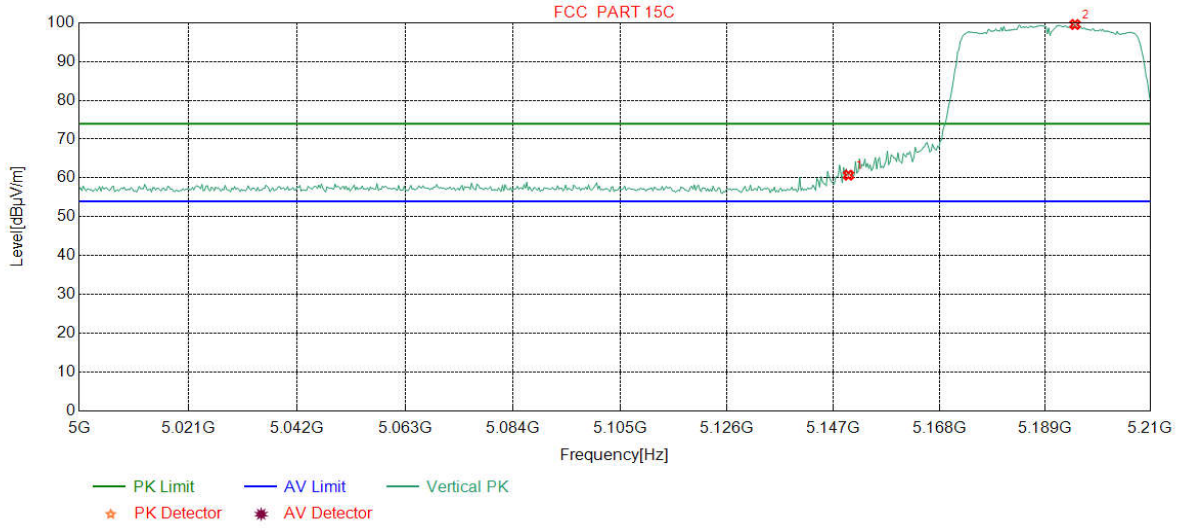
Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	Peak		

Test Graph

NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	55.15	64.34	74.00	9.66	Pass	Horizontal
2	5195.0188	34.70	15.52	-40.56	94.43	104.09	74.00	-30.09	Pass	Horizontal

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	Peak		

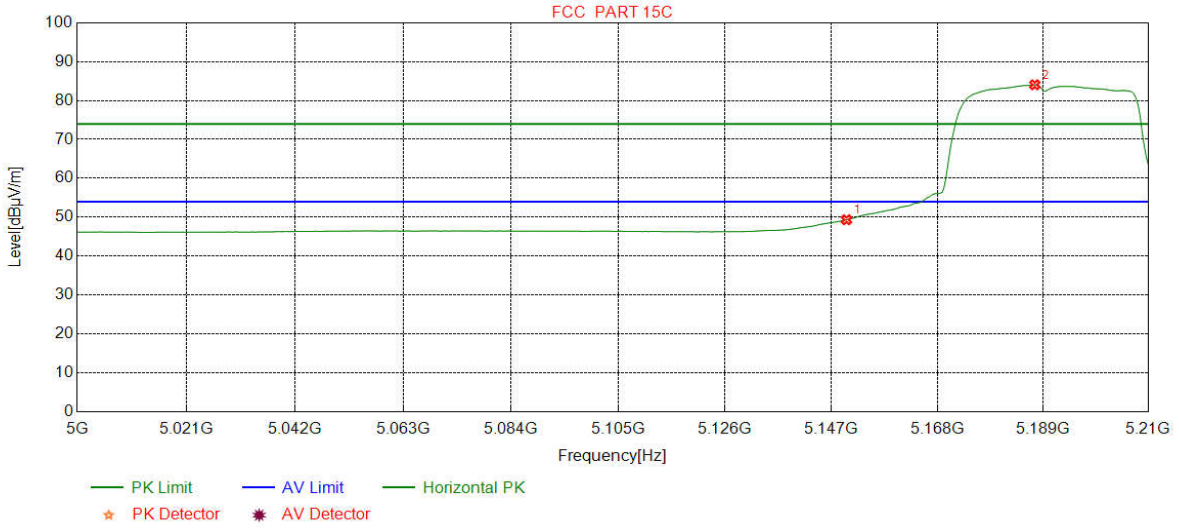
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	51.54	60.73	74.00	13.27	Pass	Vertical
2	5195.0188	34.70	15.52	-40.56	89.91	99.57	74.00	-25.57	Pass	Vertical

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	AV		

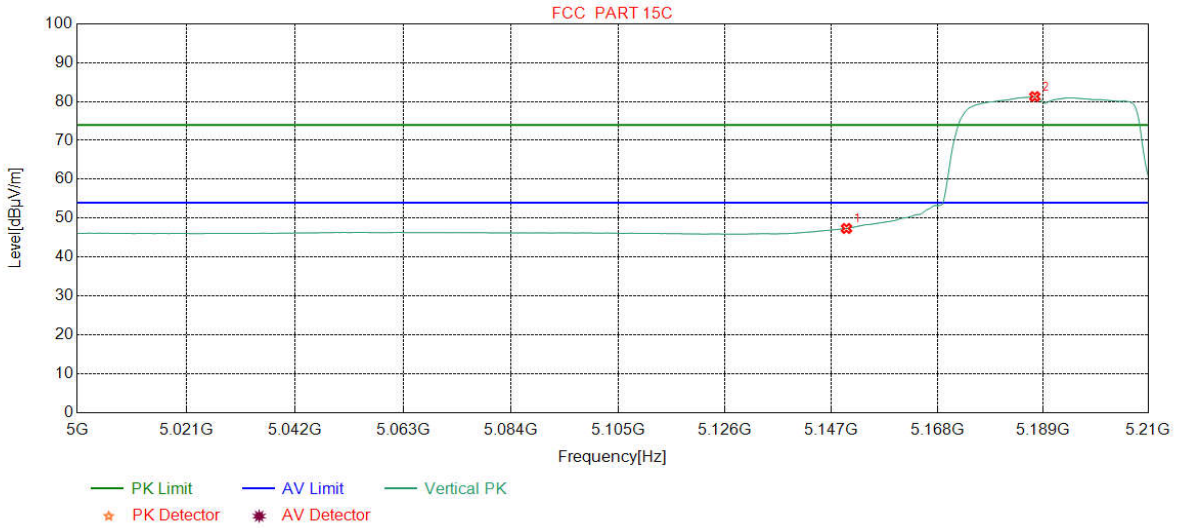
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	40.14	49.33	54.00	4.67	Pass	Horizontal
2	5187.3967	34.69	15.45	-40.56	74.49	84.07	54.00	-30.07	Pass	Horizontal

Mode:	802.11 ac(HT40) Transmitting	Channel:	5190
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	5150.0000	34.65	15.08	-40.54	38.15	47.34	54.00	6.66	Pass	Vertical
2	5187.3967	34.69	15.45	-40.56	71.70	81.28	54.00	-27.28	Pass	Vertical