

## Appendix Test Data

Report No.:	18220WC10285001	Test Sample No.:	1-2-2
Start Test Date:	2021.12.30	Finish Test Date:	2022.1.7
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

## Appendix A1: Emission Bandwidth

## Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	20.080	5734.96 0	5755.040	---	PASS
	Ant2	5745	20.000	5735.00 0	5755.000	---	PASS
	Ant1	5785	20.000	5775.04 0	5795.040	---	PASS
	Ant2	5785	20.120	5774.92 0	5795.040	---	PASS
	Ant1	5825	20.200	5814.88 0	5835.080	---	PASS
	Ant2	5825	20.240	5814.92 0	5835.160	---	PASS

## Test Graphs

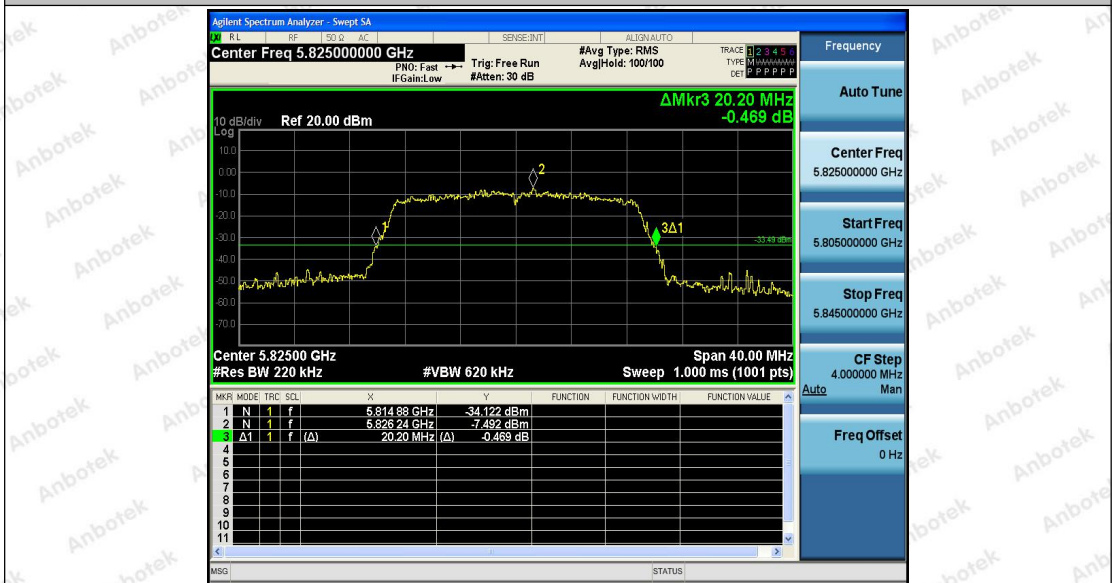




11A\_Ant2\_5785



11A\_Ant1\_5825



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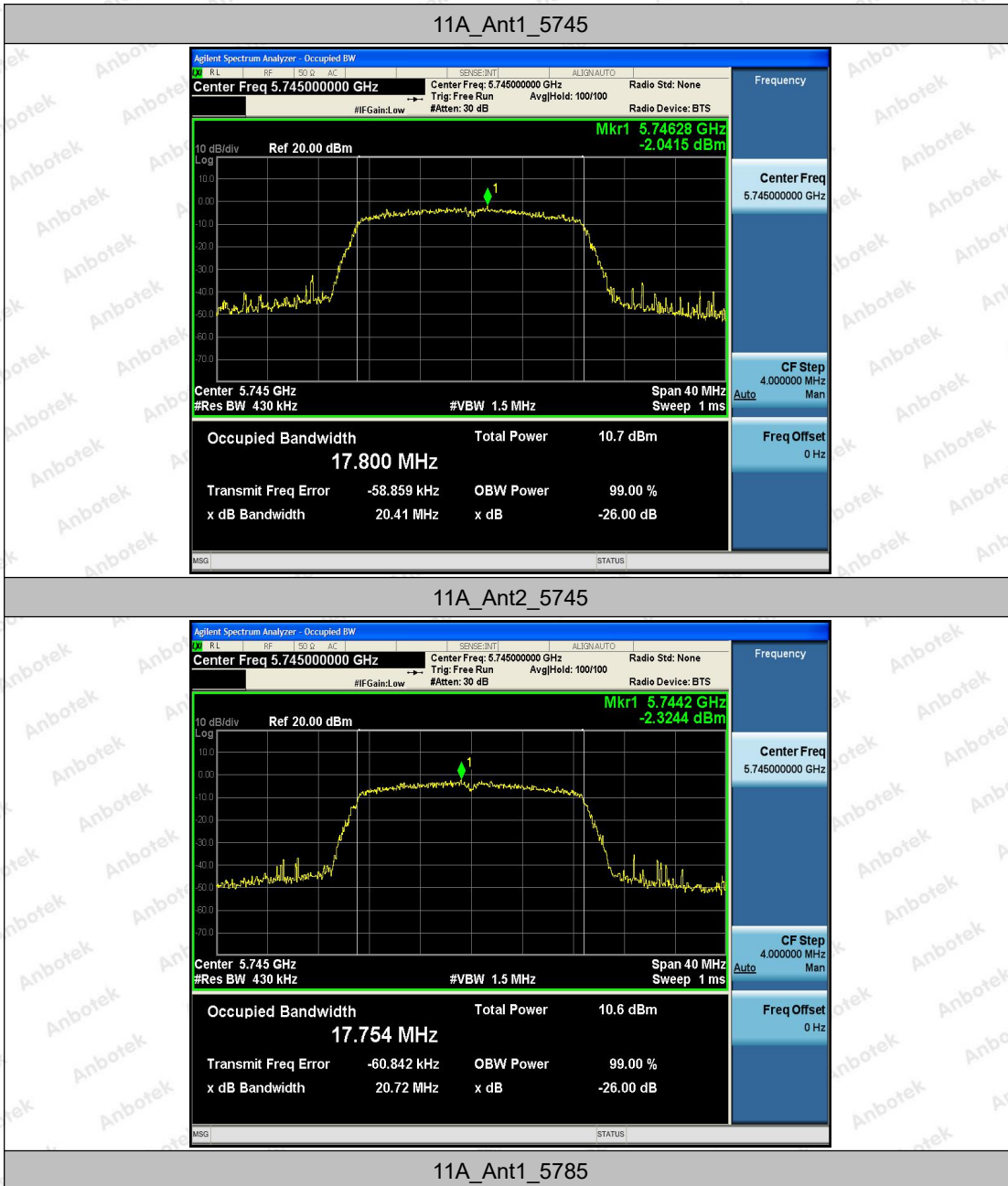
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## Appendix A2: Occupied channel bandwidth

### Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.800	5736.04 1	5753.841	---	PASS
	Ant2	5745	17.754	5736.06 2	5753.816	---	PASS
	Ant1	5785	17.855	5776.01 3	5793.868	---	PASS
	Ant2	5785	17.771	5776.05 3	5793.824	---	PASS
	Ant1	5825	17.779	5816.13 8	5833.917	---	PASS
	Ant2	5825	17.775	5816.10 7	5833.882	---	PASS

## Test Graphs



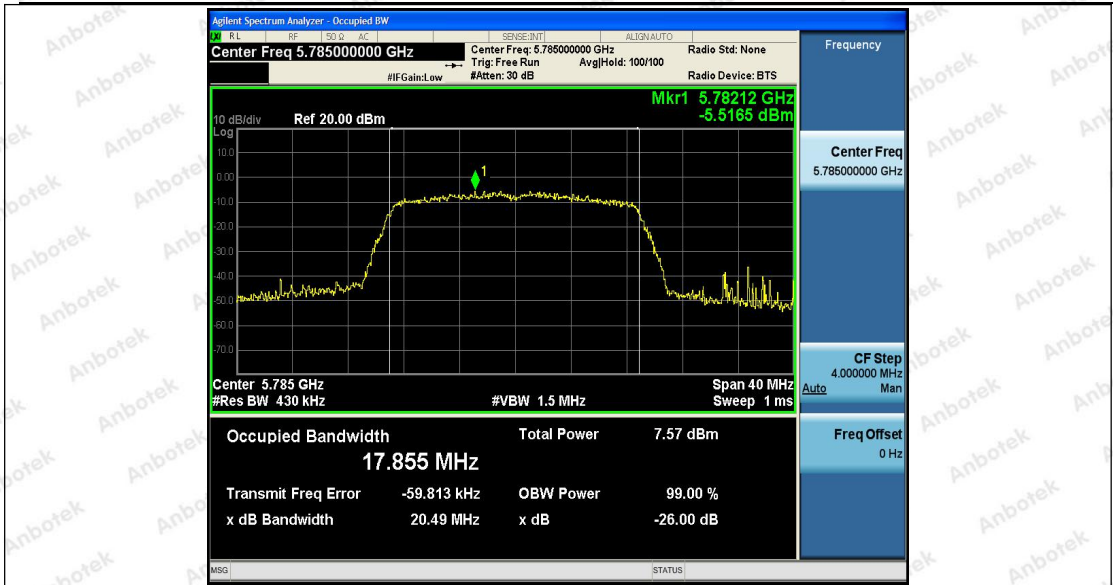
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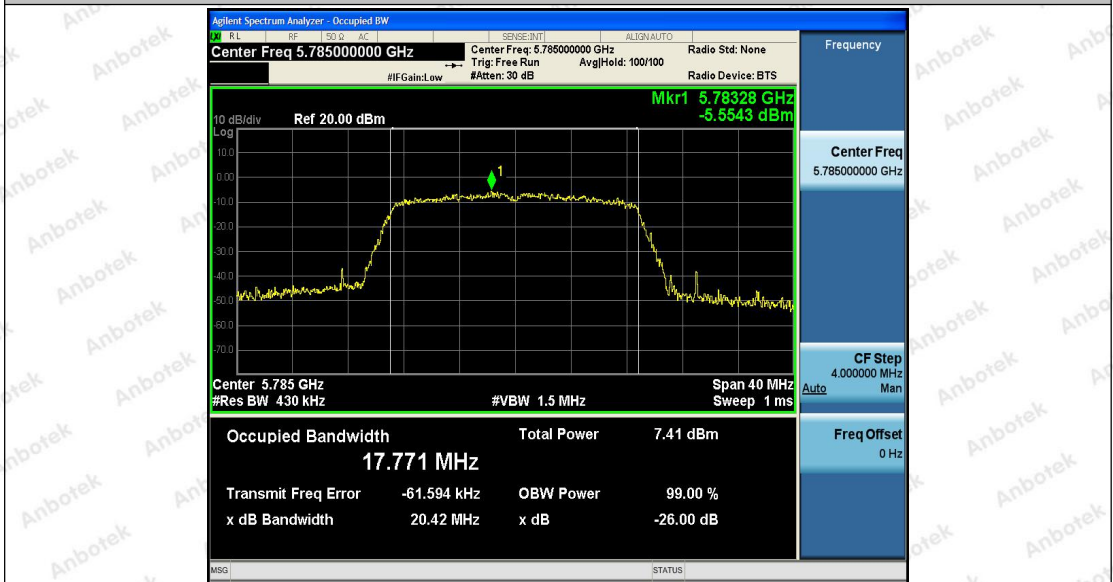
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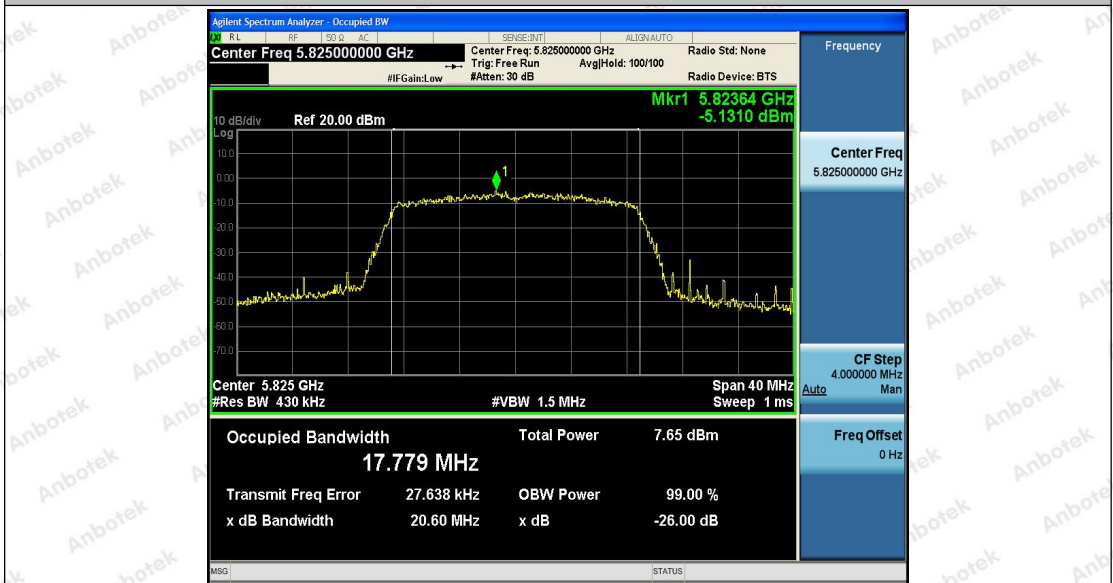




11A\_Ant2\_5785



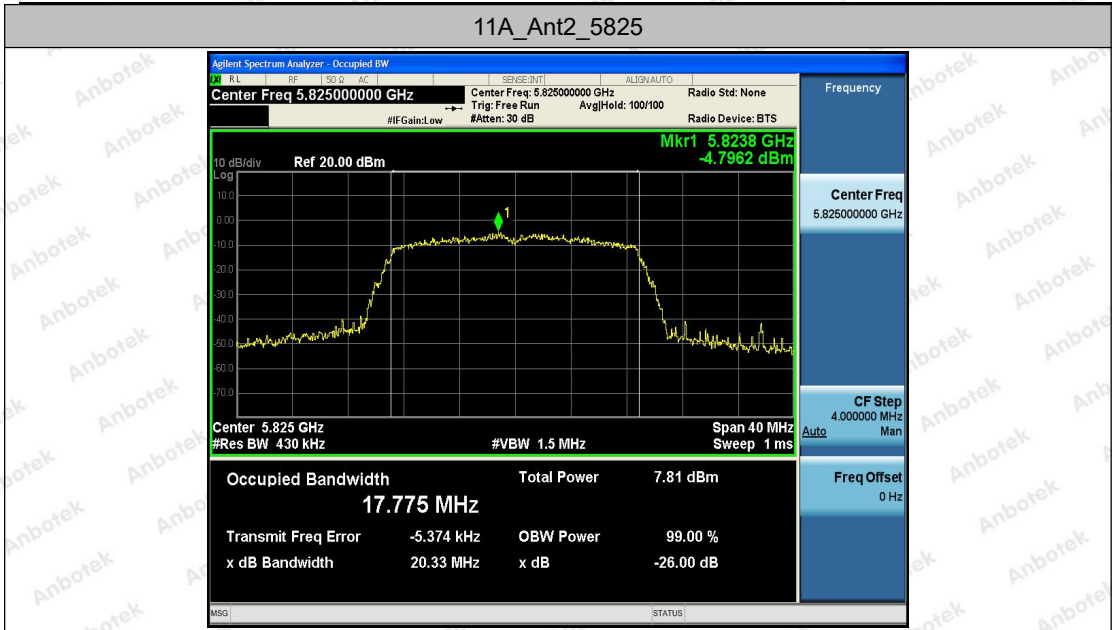
11A\_Ant1\_5825



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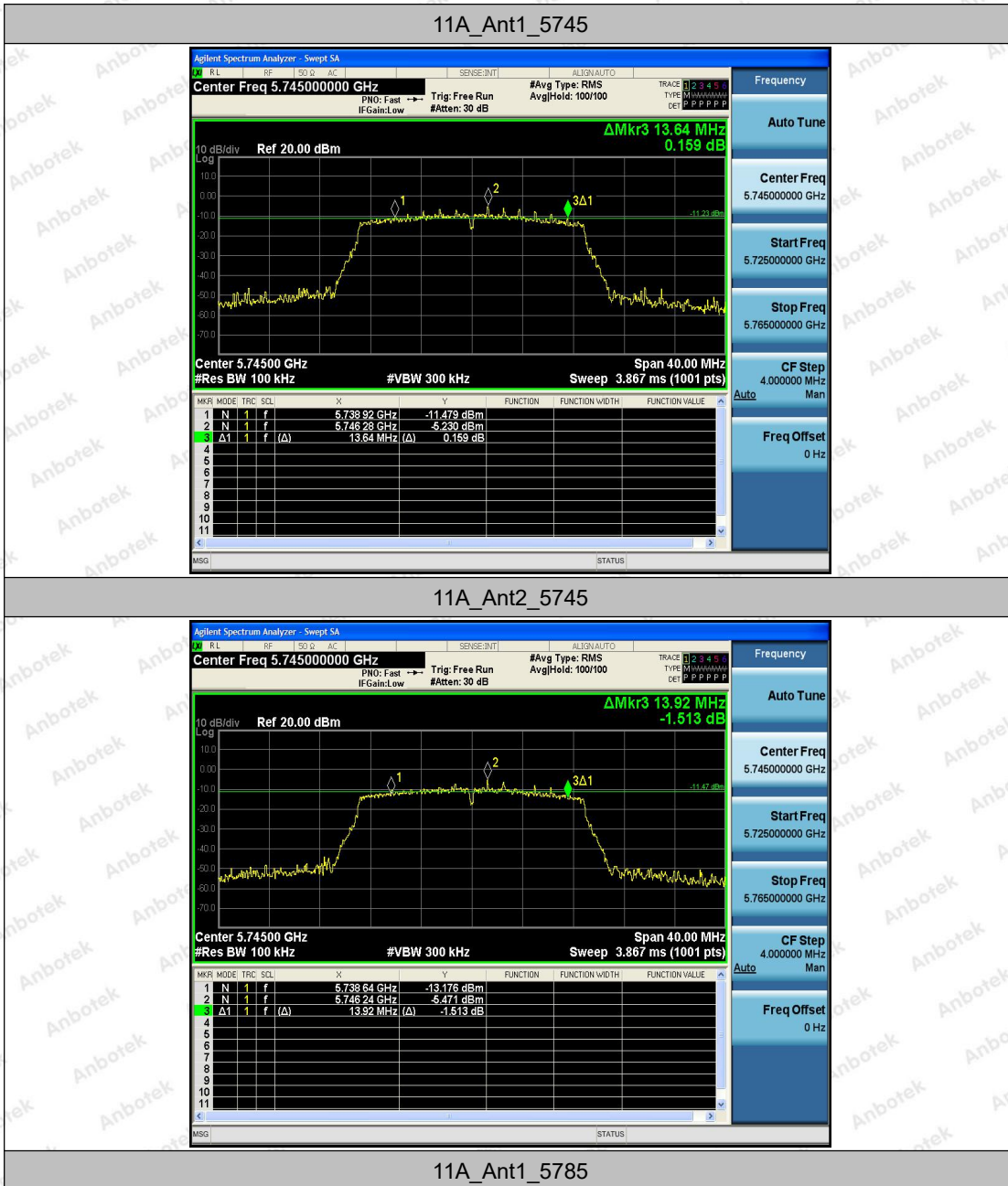


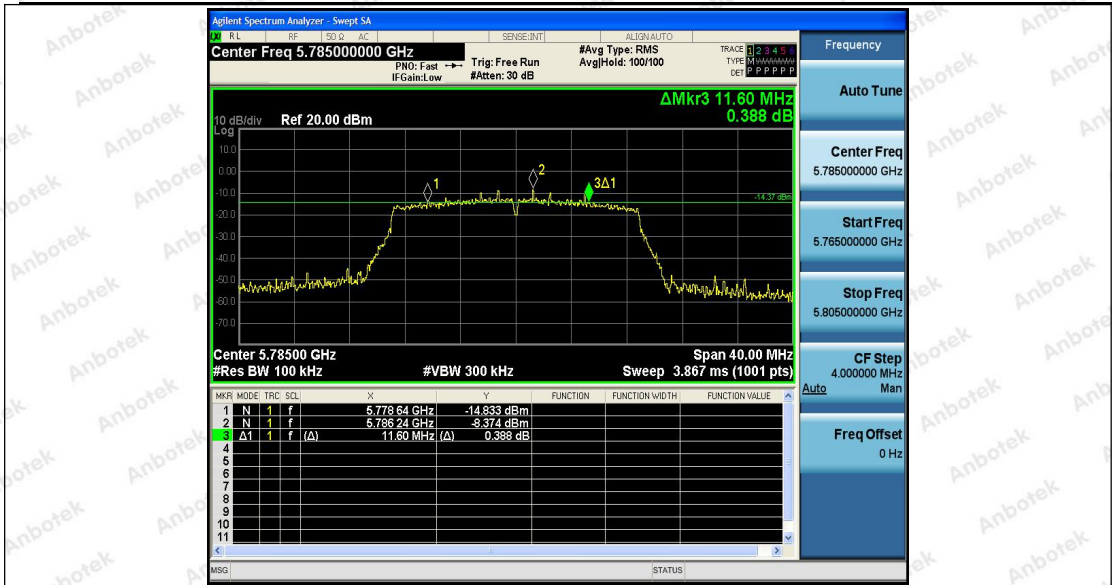
## Appendix A3: Min emission bandwidth

### Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	13.640	5738.920	5752.560	0.5	PASS
	Ant2	5745	13.920	5738.640	5752.560	0.5	PASS
	Ant1	5785	11.600	5778.640	5790.240	0.5	PASS
	Ant2	5785	15.160	5777.400	5792.560	0.5	PASS
	Ant1	5825	16.080	5817.440	5833.520	0.5	PASS
	Ant2	5825	15.160	5817.400	5832.560	0.5	PASS

## Test Graphs





11A\_Ant2\_5785



11A\_Ant1\_5825



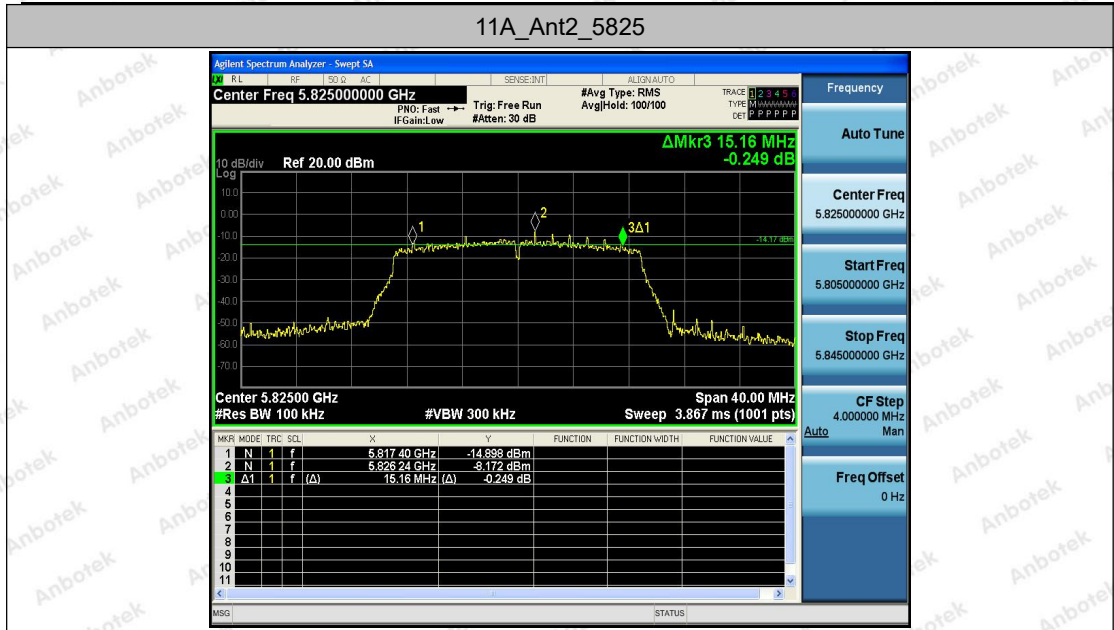
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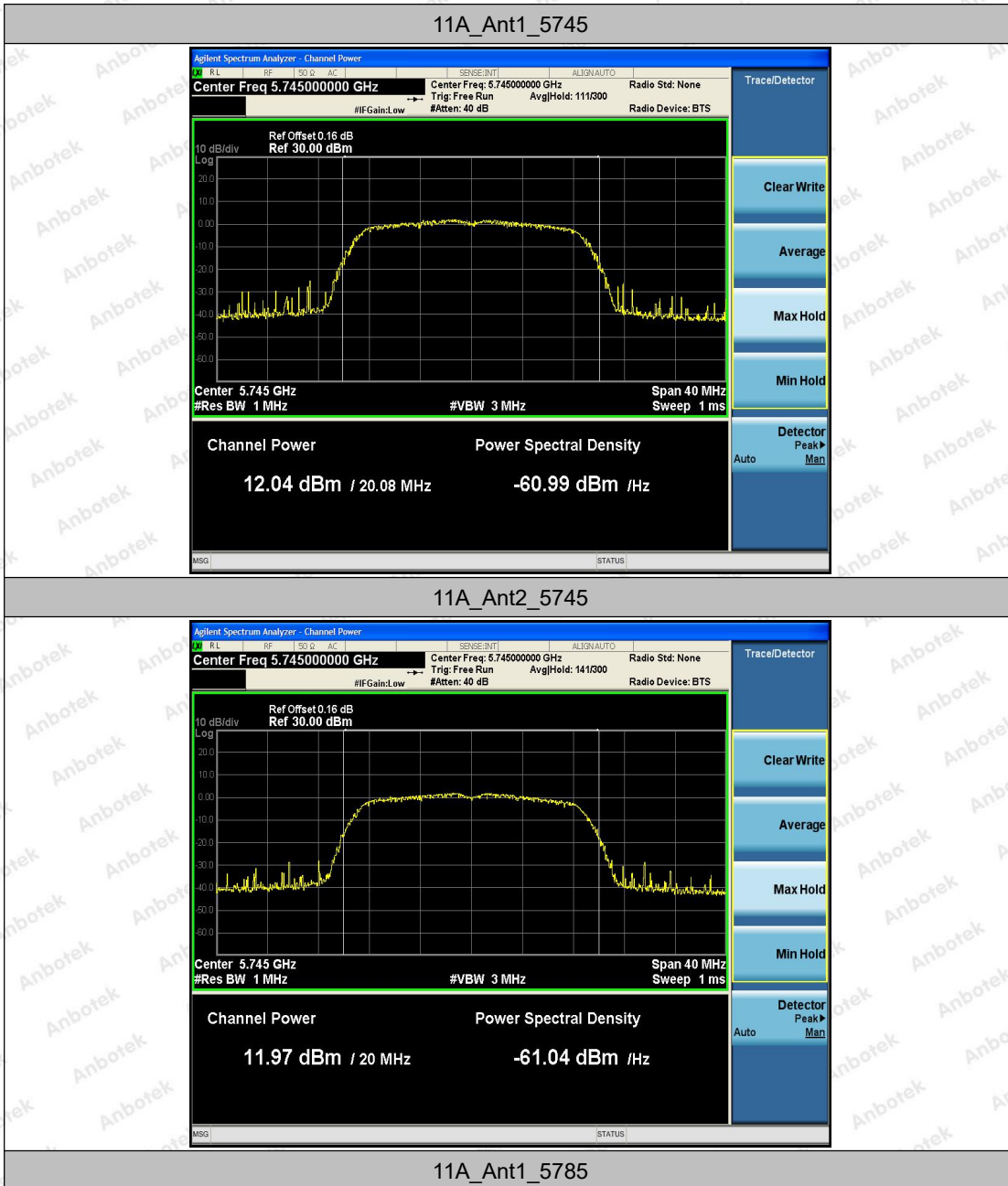
## Appendix B: Maximum conducted output power

### Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	5745	12.28	≤30	PASS
	Ant1	5785	11.91	≤30	PASS
	Ant2	5785	11.86	≤30	PASS
	Ant1	5825	12.48	≤30	PASS
	Ant2	5825	11.14	≤30	PASS

Note: The Duty Cycle Factor is compensated in the graph.

## Test Graphs



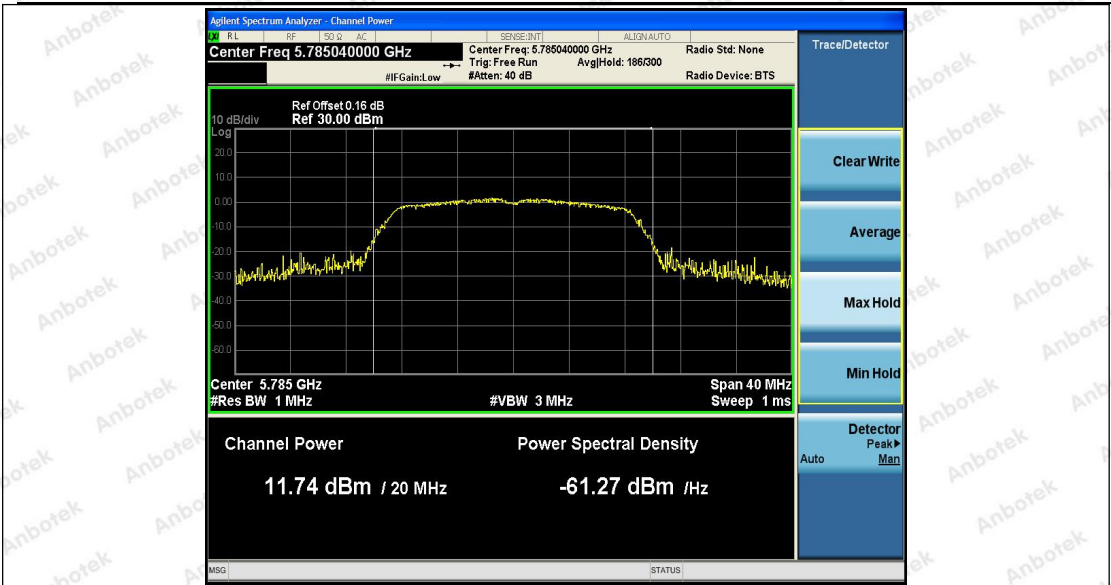
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11A\_Ant2\_5785



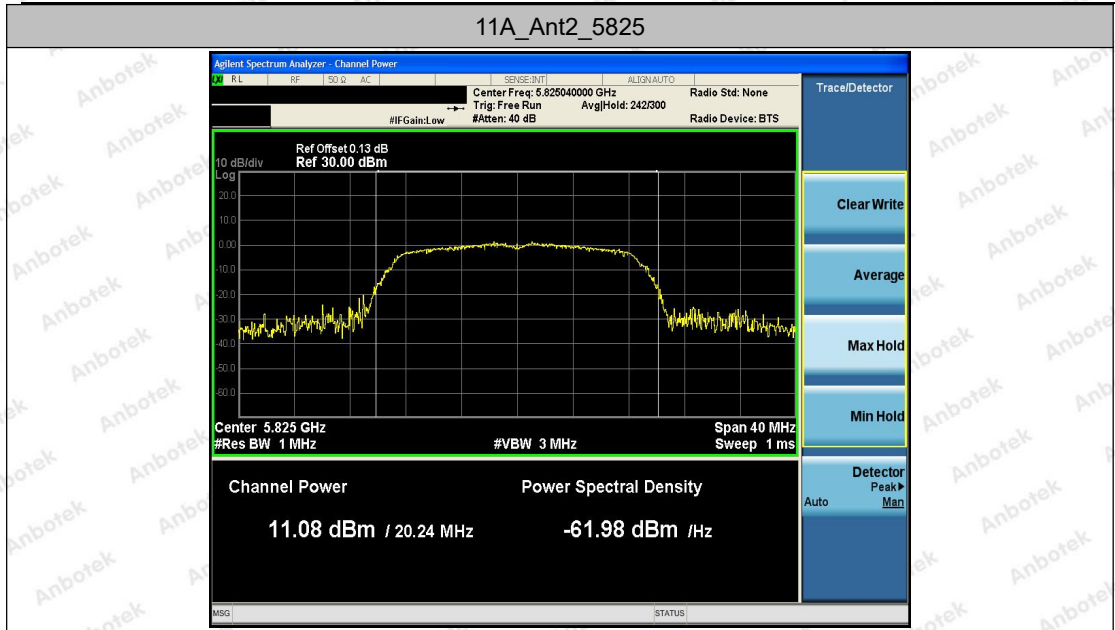
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## Appendix C: Maximum power spectral density

### Test Result

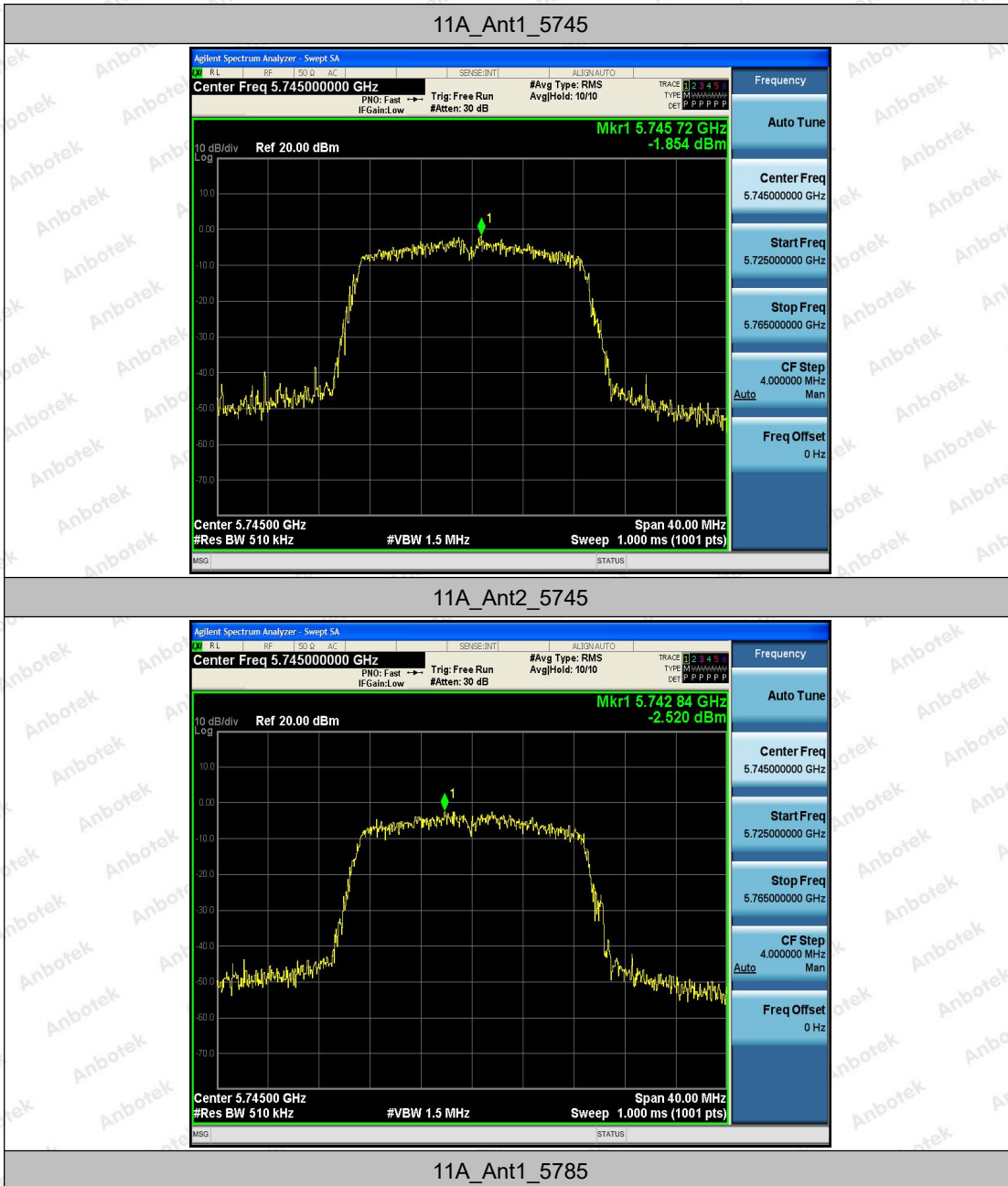
TestMode	Antenna	Channel	Result [dBm/500KHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-1.85	≤30	PASS
	Ant2	5745	-2.52	≤30	PASS
	Ant1	5785	-5.08	≤30	PASS
	Ant2	5785	-5.43	≤30	PASS
	Ant1	5825	-5.55	≤30	PASS
	Ant2	5825	-5.56	≤30	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factor and RBW Factor is compensated in the graph.



## Test Graphs



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11A\_Ant2\_5785



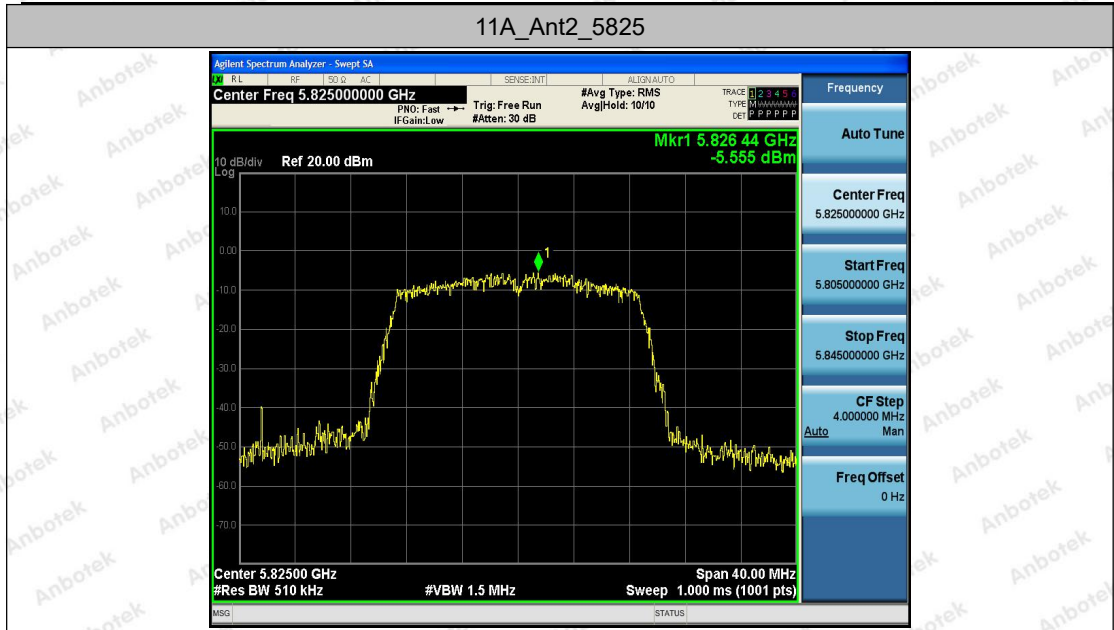
11A\_Ant1\_5825



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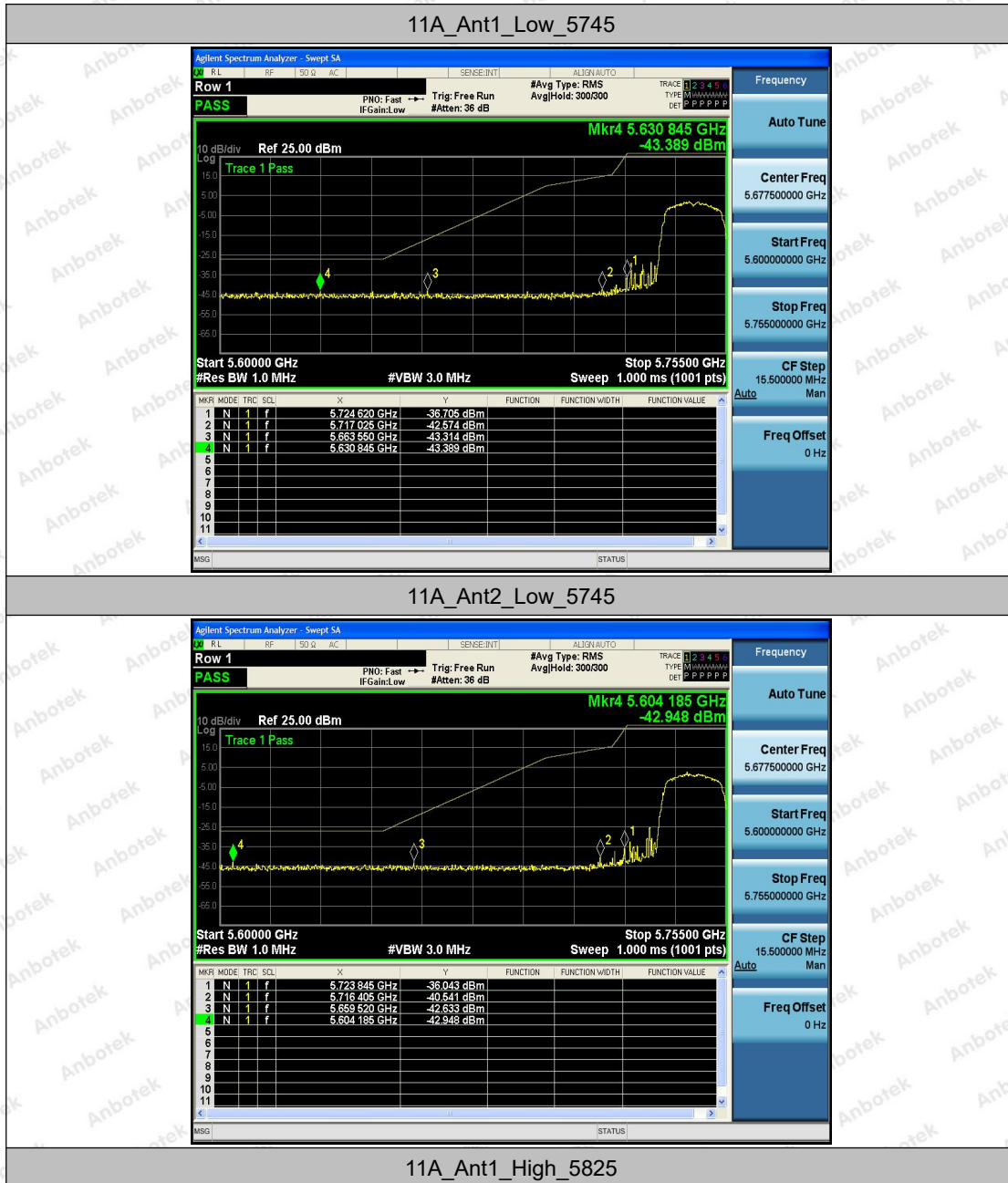


## Appendix D: Band edge measurements

### Test Result

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-43.31	≤-16.97	PASS
				5700~5720	-42.57	≤14.77	PASS
				5720~5725	-36.71	≤26.13	PASS
				5755~5650	-43.39	≤-27	PASS
	Ant2	Low	5745	5650~5700	-42.63	≤-19.96	PASS
				5700~5720	-40.54	≤14.59	PASS
				5720~5725	-36.04	≤24.37	PASS
				5755~5650	-42.95	≤-27	PASS
	Ant1	High	5825	5850~5855	-39.98	≤16.51	PASS
				5855~5875	-44.13	≤13.50	PASS
				5875~5925	-43.07	≤-3.14	PASS
				5925~5950	-43.36	≤-27	PASS
	Ant2	High	5825	5850~5855	-41.05	≤20.27	PASS
				5855~5875	-43.71	≤11.65	PASS
				5875~5925	-43.54	≤-17.01	PASS
				5925~5950	-43.9	≤-27	PASS

## Test Graphs



11A\_Ant1\_High\_5825

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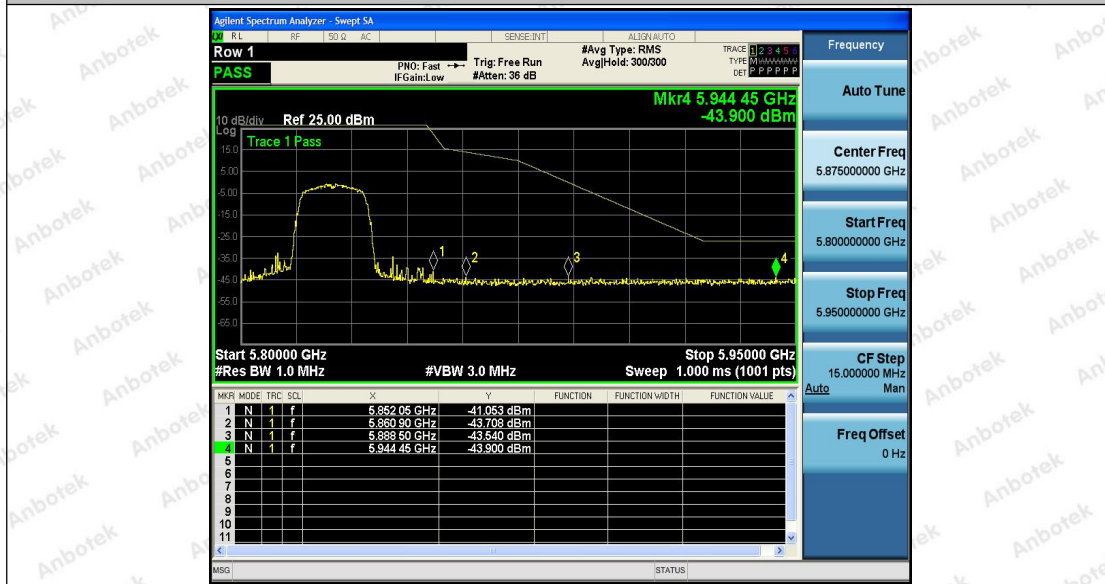
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11A\_Ant2\_High\_5825



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## Appendix E: Duty Cycle

### Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5745	1.31	1.36	96.32	---	PASS
	Ant2	5745	1.31	1.36	96.32	---	PASS
	Ant1	5785	1.31	1.36	96.32	---	PASS
	Ant2	5785	1.32	1.36	97.06	---	PASS
	Ant1	5825	1.32	1.36	97.06	---	PASS
	Ant2	5825	1.31	1.35	97.04	---	PASS

---End---