

FCC Appendix RF Test Data for 5GWIFI

FCC ID : 2A5LX- BF26

Company : Guangdong Pine Lake Technology Co., Ltd

EUT : Wi-Fi Smart Bird Feeder with Camera

Model Number : BF26

Report No. : CTA26093001204

Reviewed By : Eric Wang

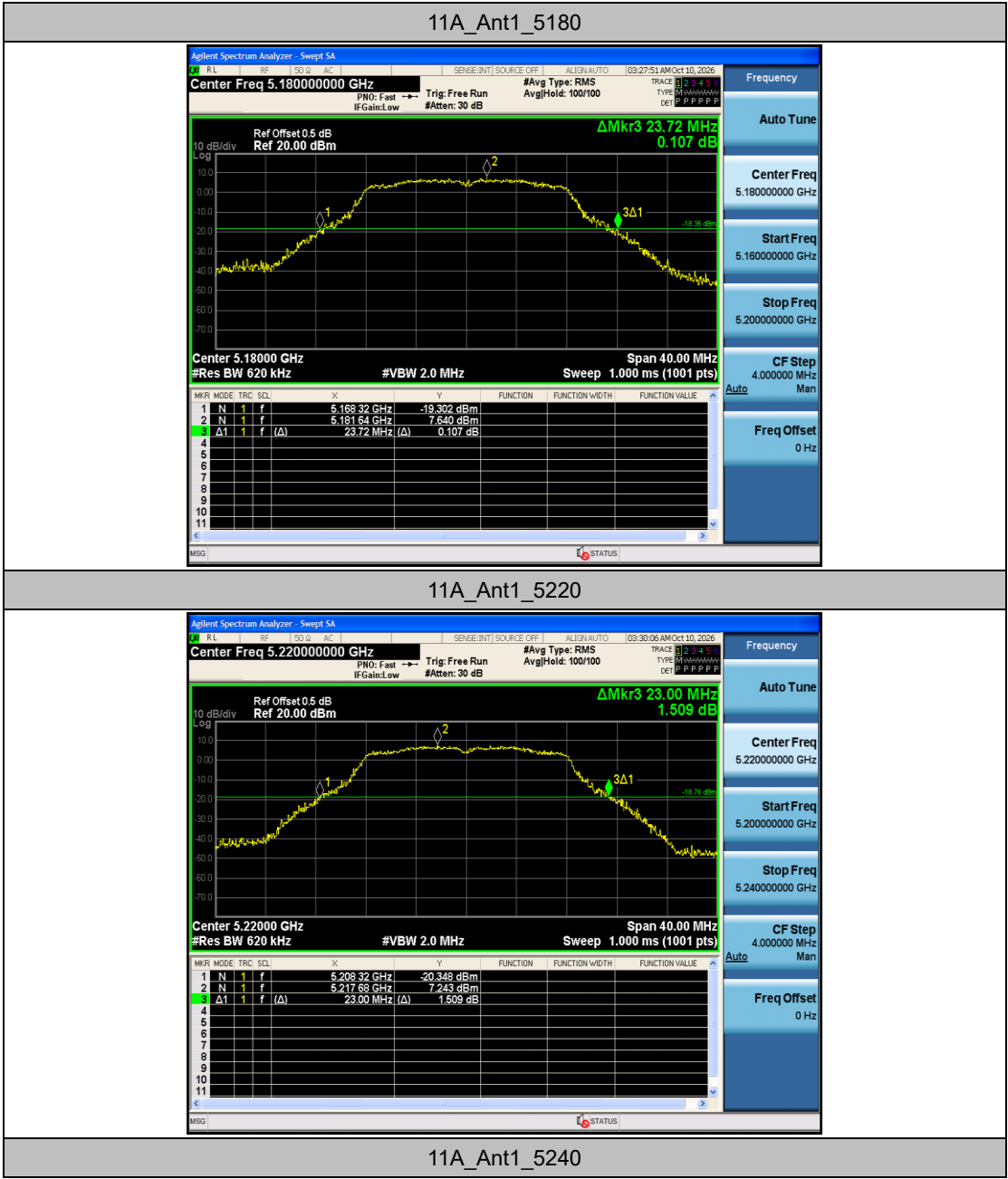
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	23.720	5168.320	5192.040	---	---
		5220	23.000	5208.320	5231.320	---	---
		5240	24.200	5227.720	5251.920	---	---
		5745	24.520	5732.720	5757.240	---	---
		5785	24.320	5773.000	5797.320	---	---
		5825	24.240	5812.960	5837.200	---	---
11N20SISO	Ant1	5180	24.000	5167.840	5191.840	---	---
		5220	24.080	5207.760	5231.840	---	---
		5240	24.000	5227.720	5251.720	---	---
		5745	24.920	5732.360	5757.280	---	---
		5785	25.040	5772.480	5797.520	---	---
		5825	24.680	5812.480	5837.160	---	---
11N40SISO	Ant1	5190	42.720	5168.720	5211.440	---	---
		5230	42.880	5208.720	5251.600	---	---
		5755	44.160	5732.920	5777.080	---	---
		5795	44.320	5773.320	5817.640	---	---
11AC20SISO	Ant1	5180	23.600	5168.160	5191.760	---	---
		5220	23.240	5208.400	5231.640	---	---
		5240	23.080	5228.320	5251.400	---	---
		5745	24.120	5733.080	5757.200	---	---
		5785	23.720	5773.360	5797.080	---	---
		5825	23.600	5813.360	5836.960	---	---
11AC40SISO	Ant1	5190	43.120	5168.560	5211.680	---	---
		5230	43.040	5208.320	5251.360	---	---
		5755	43.360	5733.320	5776.680	---	---
		5795	43.200	5773.480	5816.680	---	---
11AC80SISO	Ant1	5210	86.080	5166.320	5252.400	---	---
		5775	84.800	5732.760	5817.560	---	---
11AX20SISO	Ant1	5180	22.840	5168.520	5191.360	---	---
		5220	22.920	5208.200	5231.120	---	---
		5240	22.440	5228.720	5251.160	---	---
		5745	23.640	5732.960	5756.600	---	---
		5785	23.560	5773.080	5796.640	---	---
		5825	23.720	5812.680	5836.400	---	---
11AX40SISO	Ant1	5190	43.120	5168.400	5211.520	---	---
		5230	42.320	5208.960	5251.280	---	---
		5755	43.440	5733.400	5776.840	---	---

		5795	43.840	5773.400	5817.240	---	---
11AX80SISO	Ant1	5210	85.440	5167.440	5252.880	---	---
		5775	84.480	5732.920	5817.400	---	---

Test Graphs





11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180



11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



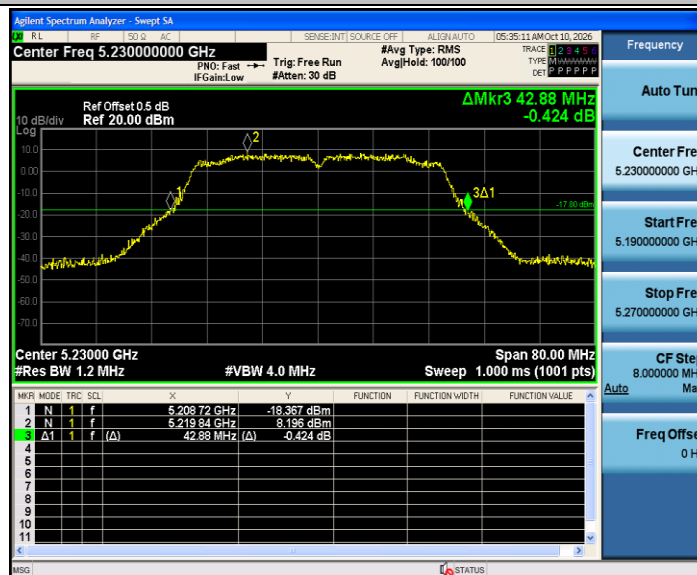
11N20SISO_Ant1_5825



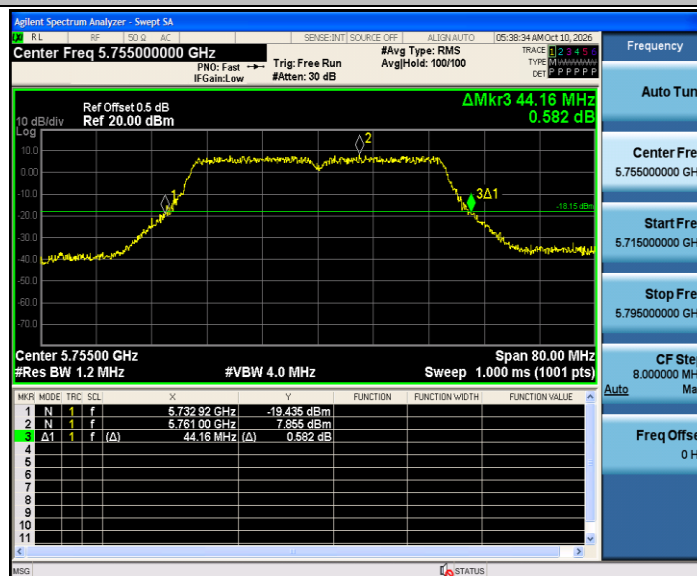
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755





11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



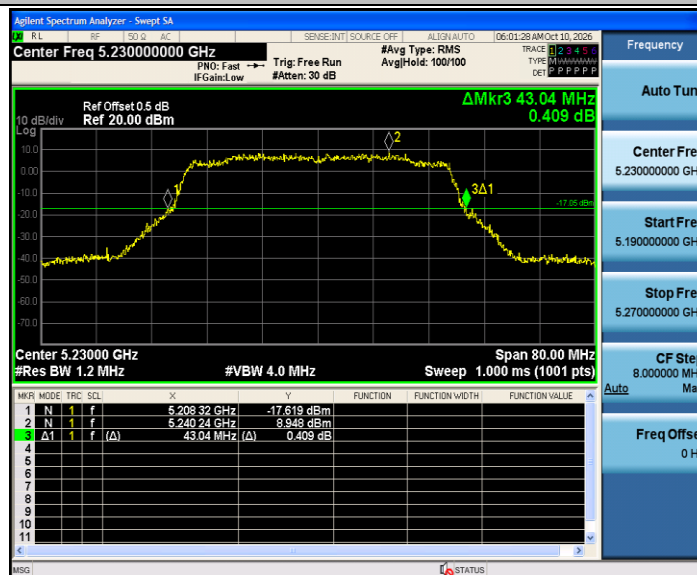
11AC20SISO_Ant1_5825



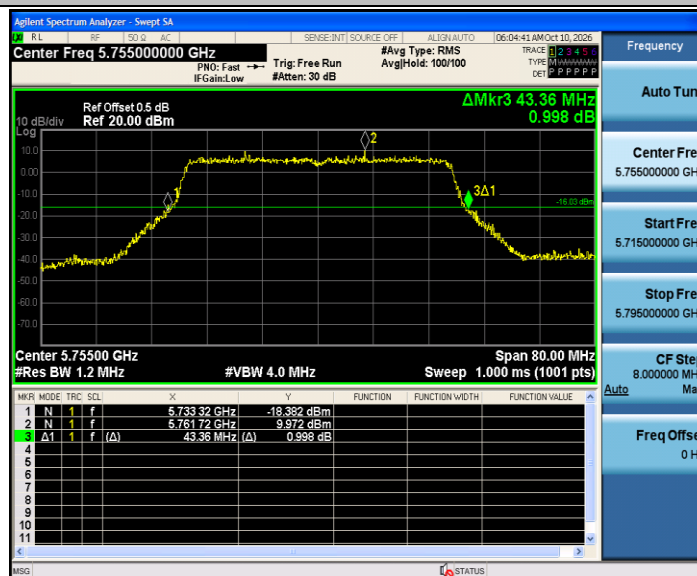
11AC40SISO_Ant1_5190



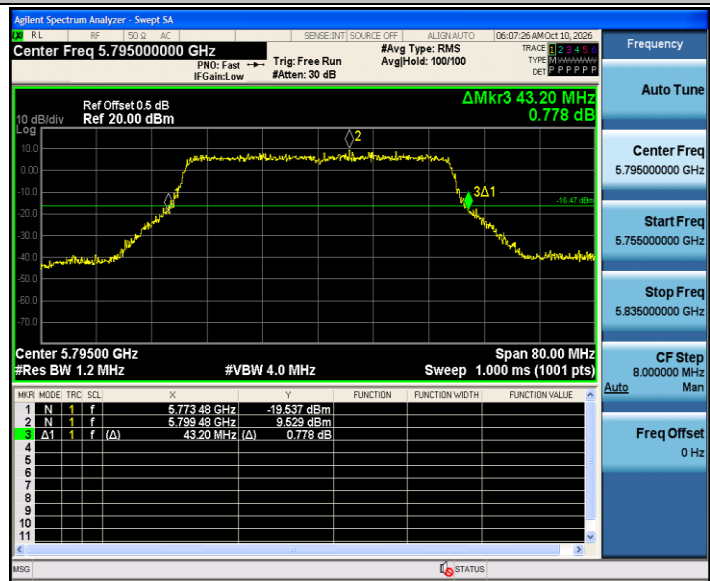
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5775



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5220



11AX20SISO_Ant1_5240



11AX20SISO_Ant1_5745



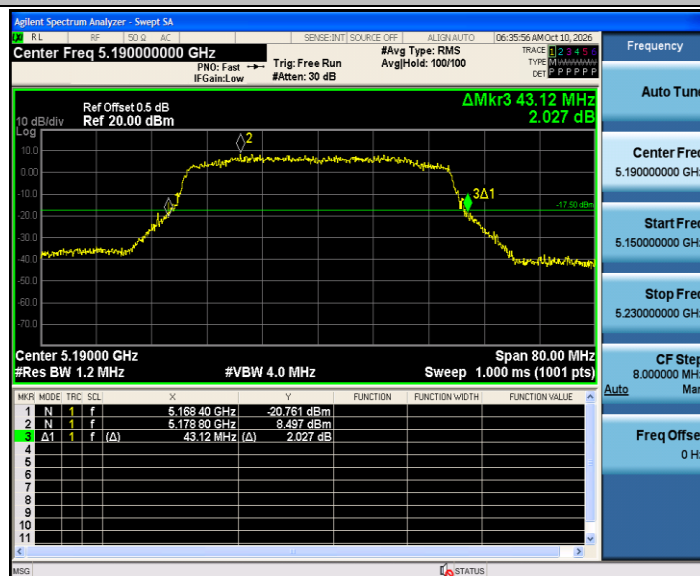
11AX20SISO_Ant1_5785



11AX20SISO_Ant1_5825



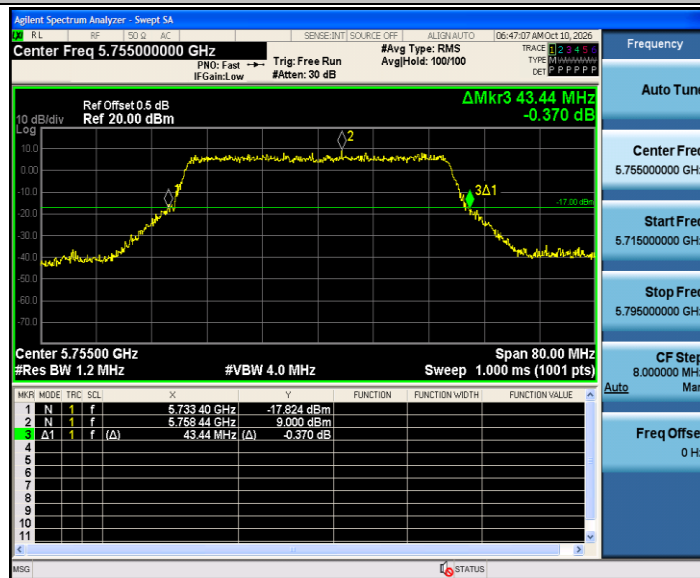
11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



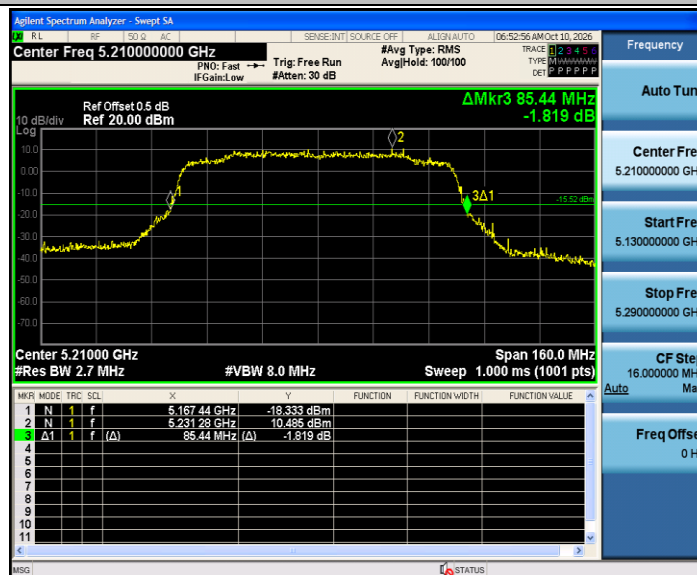
11AX40SISO_Ant1_5755



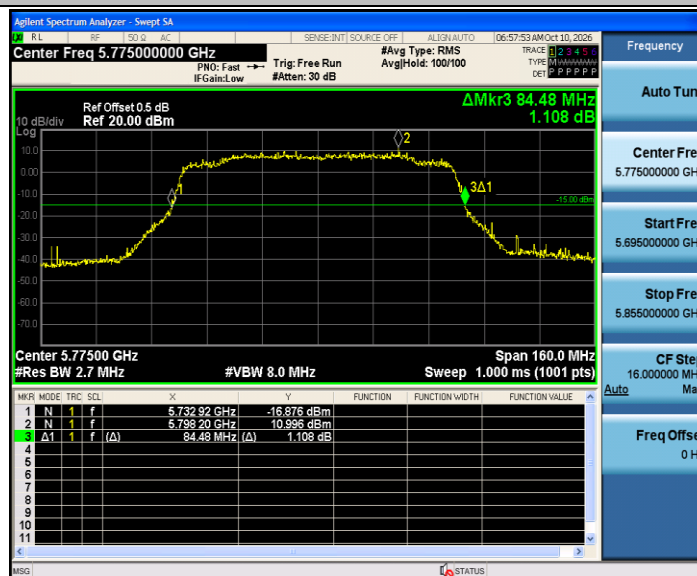
11AX40SISO_Ant1_5795



11AX80SISO_Ant1_5210



11AX80SISO_Ant1_5775



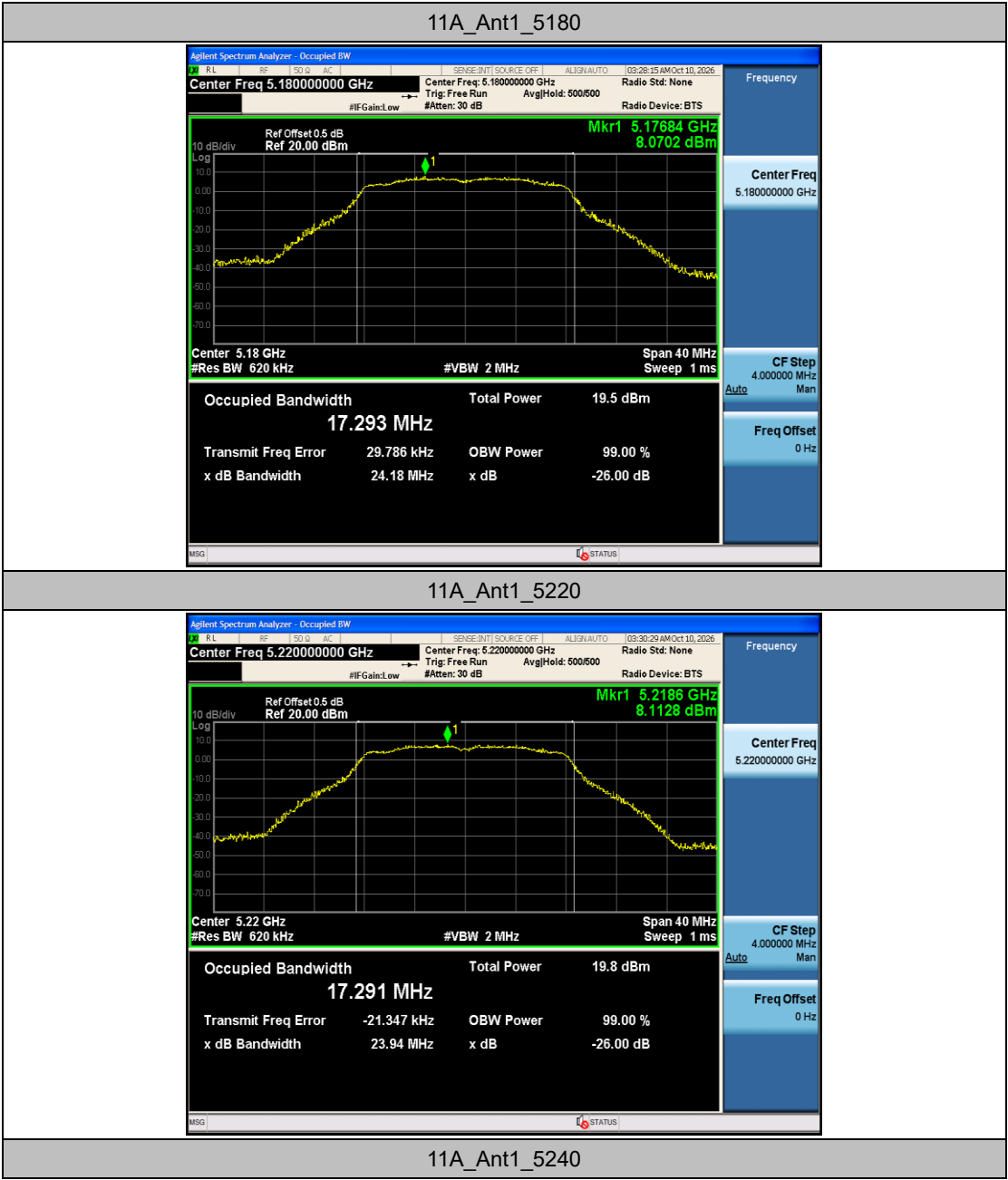
Appendix A2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.293	5171.3833	5188.6763	---	---
		5220	17.291	5211.3332	5228.6242	---	---
		5240	17.340	5231.3495	5248.6895	---	---
		5745	17.703	5736.1040	5753.8070	---	---
		5785	17.657	5776.1770	5793.8340	---	---
		5825	17.705	5816.1315	5833.8365	---	---
11N20SISO	Ant1	5180	18.311	5170.8586	5189.1696	---	---
		5220	18.256	5210.8870	5229.1430	---	---
		5240	18.284	5230.8541	5249.1381	---	---
		5745	18.691	5735.6473	5754.3383	---	---
		5785	18.638	5775.7118	5794.3498	---	---
		5825	18.643	5815.6865	5834.3295	---	---
11N40SISO	Ant1	5190	36.249	5171.9219	5208.1709	---	---
		5230	36.311	5211.9281	5248.2391	---	---
		5755	36.962	5736.6276	5773.5896	---	---
		5795	36.899	5776.6443	5813.5433	---	---
11AC20SISO	Ant1	5180	19.080	5170.4849	5189.5649	---	---
		5220	19.112	5210.4704	5229.5824	---	---
		5240	19.125	5230.4592	5249.5842	---	---
		5745	19.357	5735.3309	5754.6879	---	---
		5785	19.419	5775.3169	5794.7359	---	---
		5825	19.358	5815.3266	5834.6846	---	---
11AC40SISO	Ant1	5190	37.793	5171.1390	5208.9320	---	---
		5230	37.727	5211.1932	5248.9202	---	---
		5755	38.289	5735.9197	5774.2087	---	---
		5795	38.367	5775.9476	5814.3146	---	---
11AC80SISO	Ant1	5210	77.017	5171.5261	5248.5431	---	---
		5775	77.047	5736.7323	5813.7793	---	---
11AX20SISO	Ant1	5180	19.122	5170.4613	5189.5833	---	---
		5220	19.096	5210.4420	5229.5380	---	---
		5240	19.090	5230.4855	5249.5755	---	---
		5745	19.404	5735.2902	5754.6942	---	---
		5785	19.388	5775.3305	5794.7185	---	---
		5825	19.350	5815.3533	5834.7033	---	---
11AX40SISO	Ant1	5190	37.765	5171.1671	5208.9321	---	---
		5230	37.766	5211.1261	5248.8921	---	---

11AX80SISO	Ant1	5755	38.270	5735.9482	5774.2182	---	---
		5795	38.325	5775.9470	5814.2720	---	---
		5210	77.035	5171.5106	5248.5456	---	---
		5775	77.137	5736.6405	5813.7775	---	---

Test Graphs

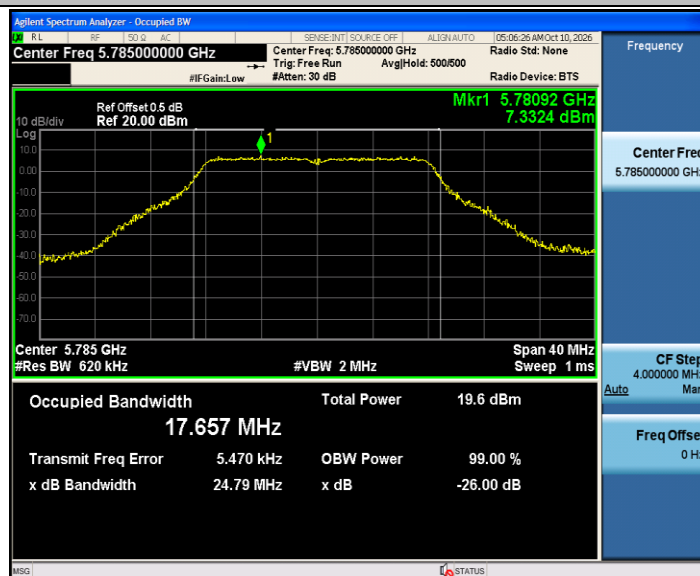




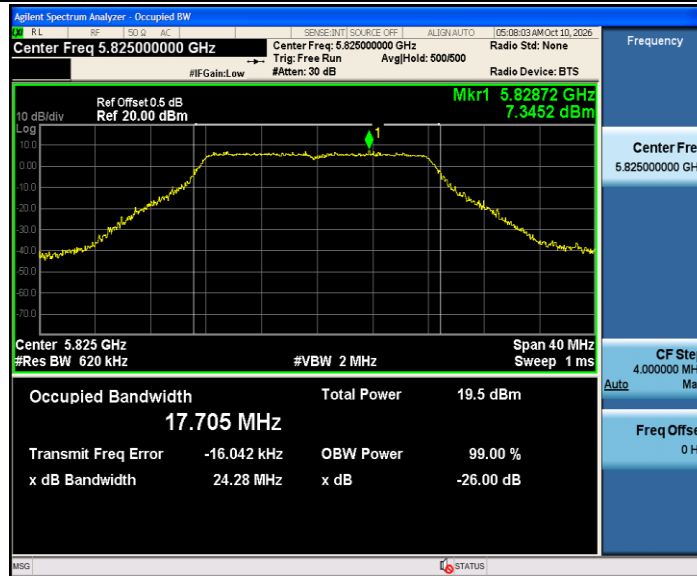
11A_Ant1_5745



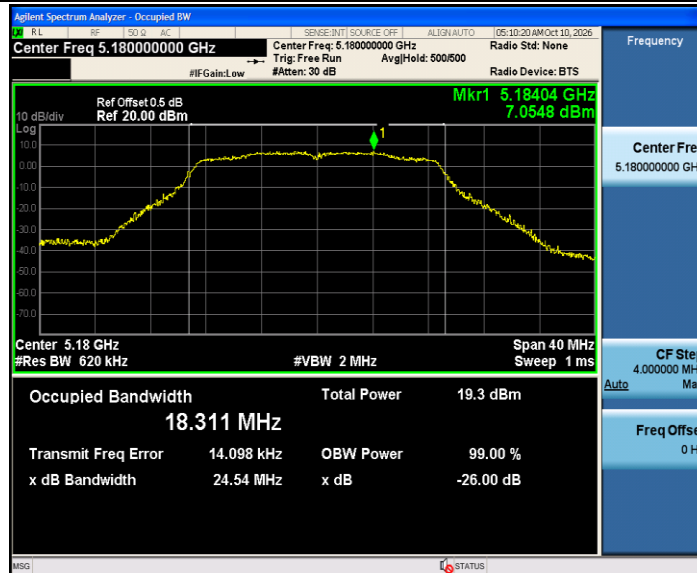
11A_Ant1_5785



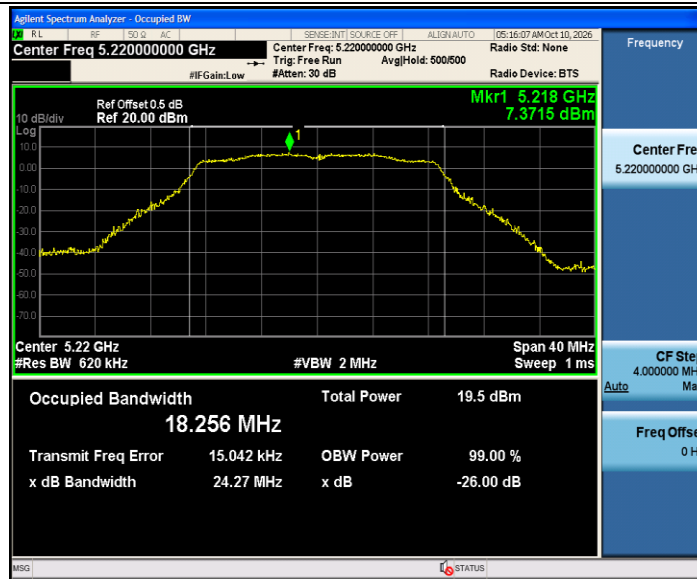
11A_Ant1_5825



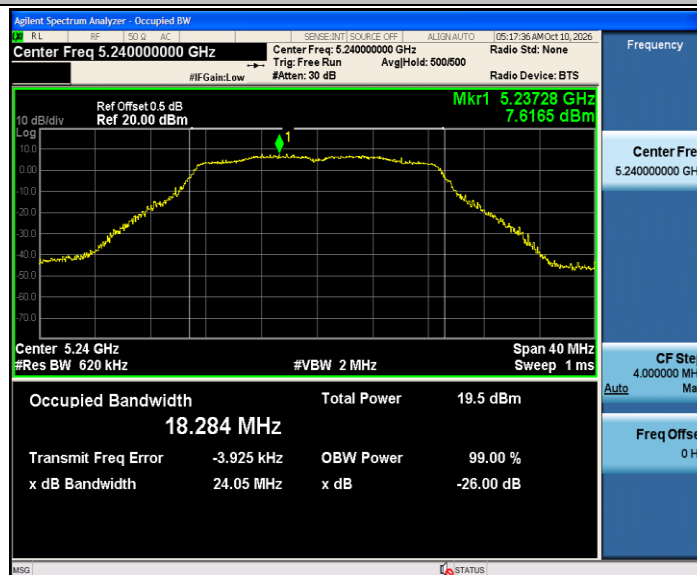
11N20SISO_Ant1_5180



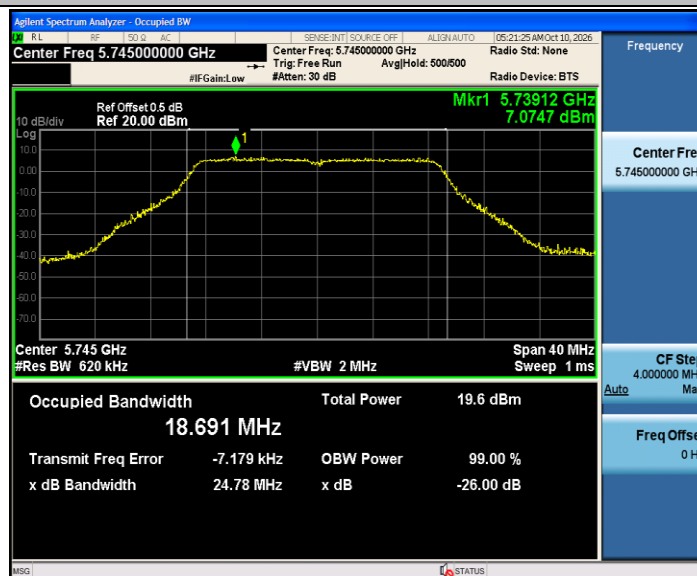
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



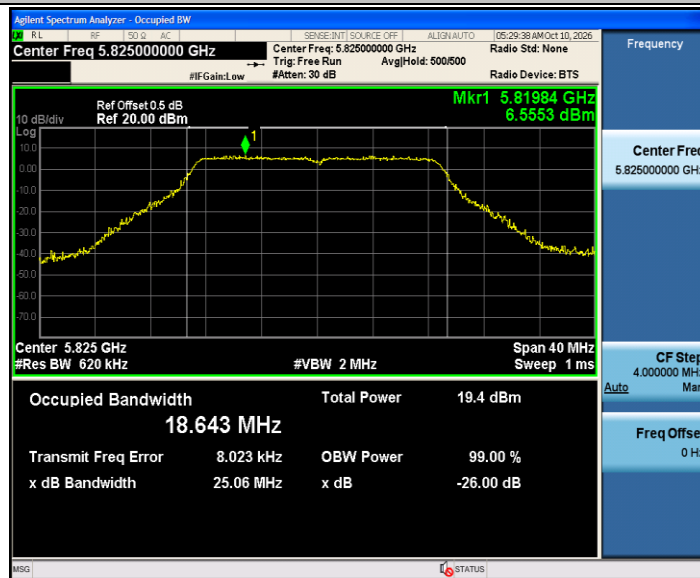
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



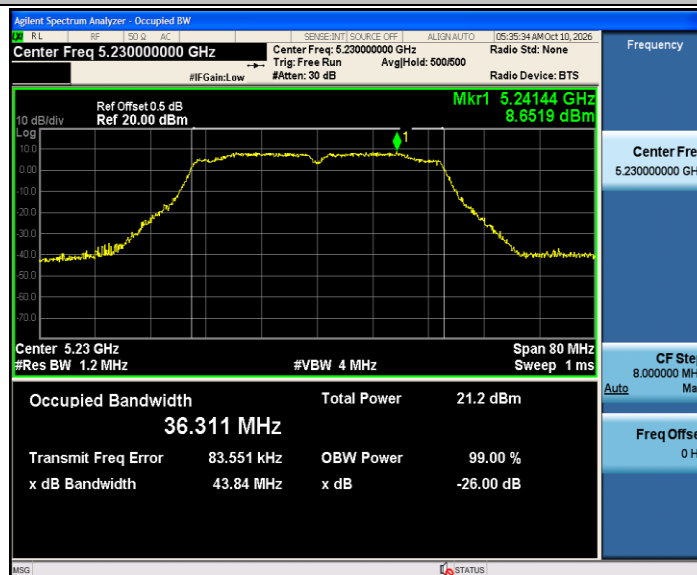
11N20SISO_Ant1_5825



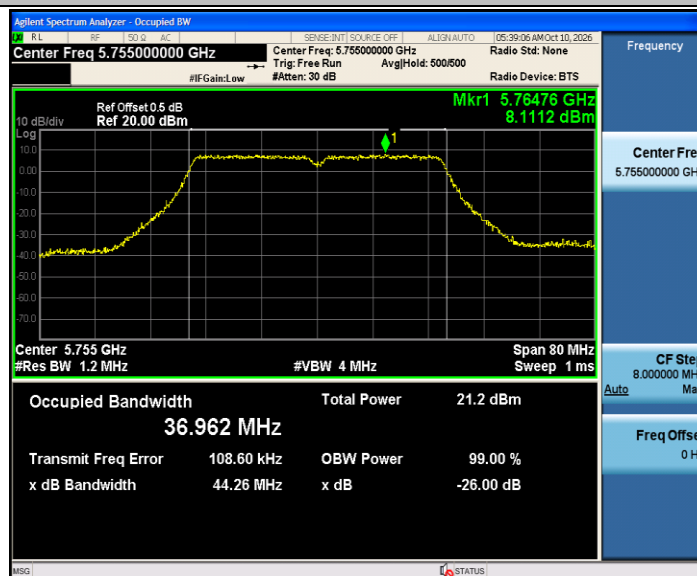
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



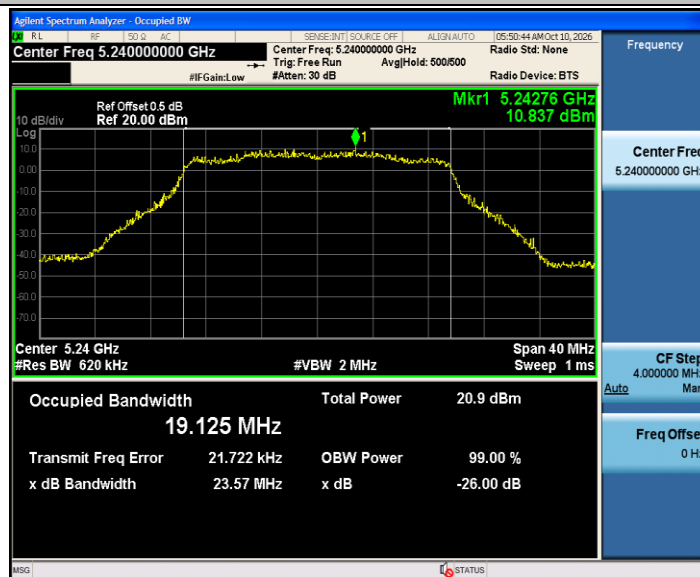
11AC20SISO_Ant1_5180



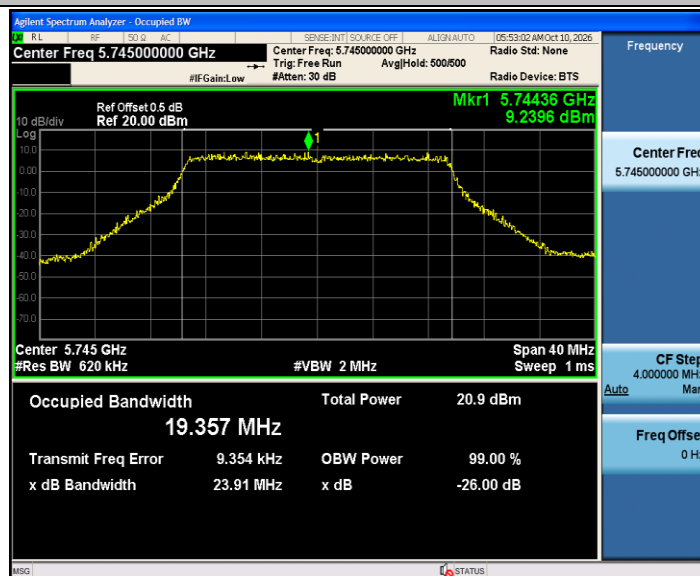
11AC20SISO_Ant1_5220



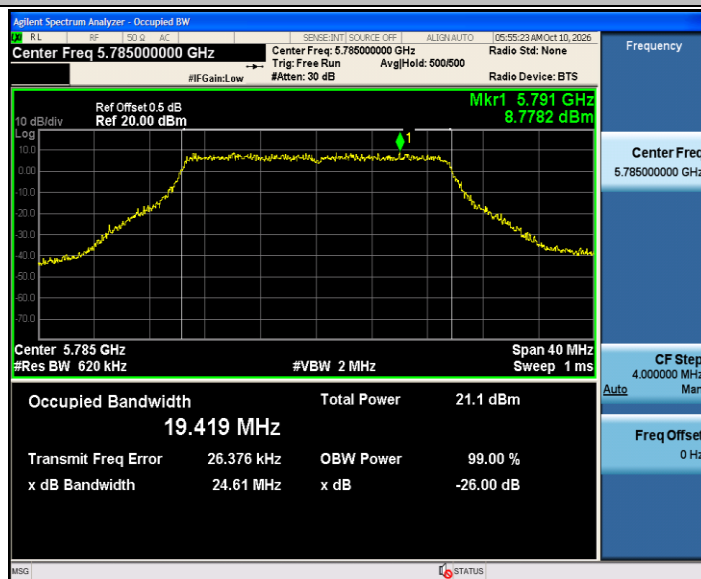
11AC20SISO_Ant1_5240



11AC20SISO_Ant1_5745



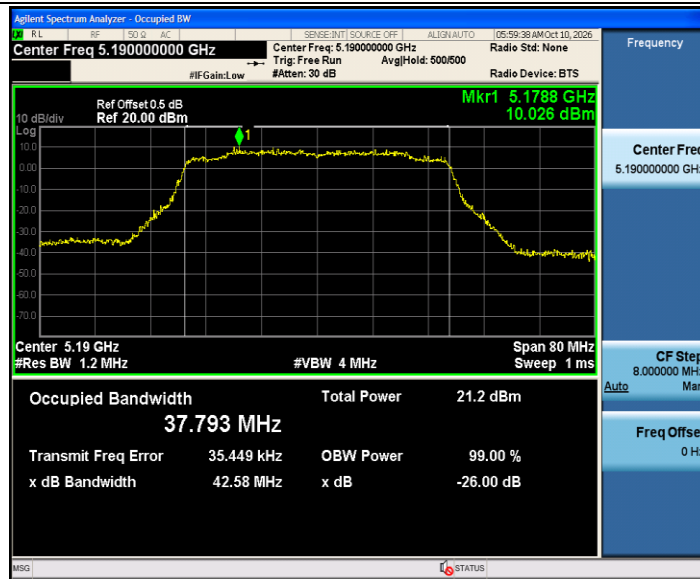
11AC20SISO_Ant1_5785



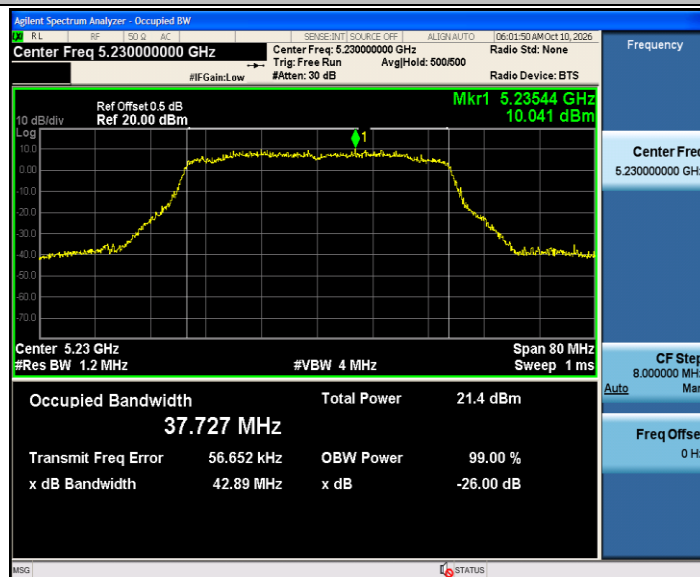
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755

