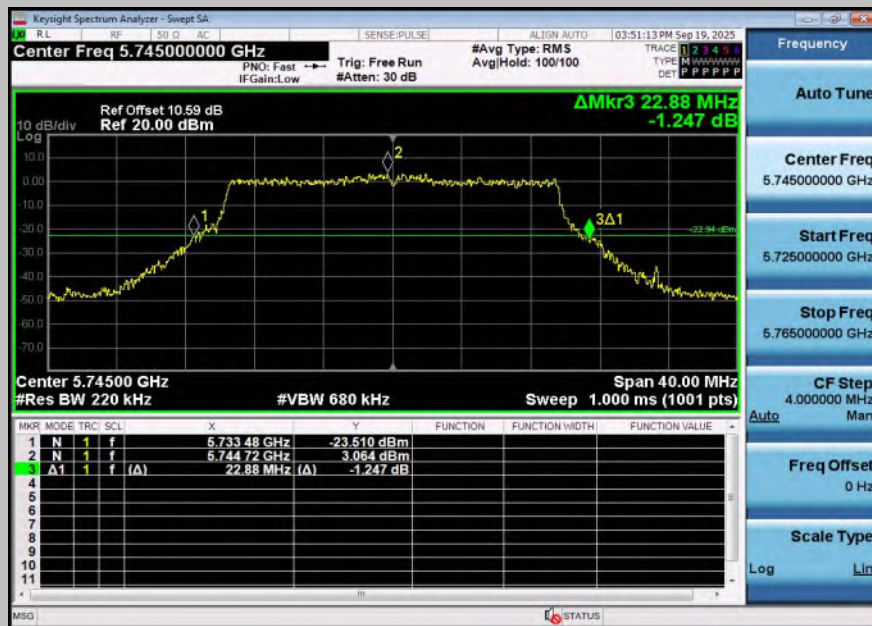




Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant2-5745



11BE20SISO-Ant2-5785



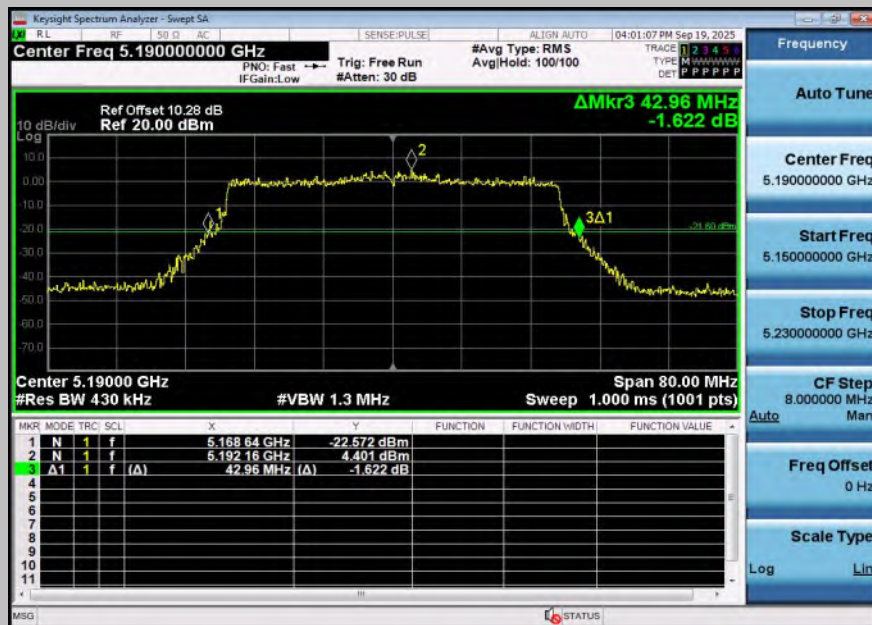
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant2-5825



11BE40SISO-Ant2-5190



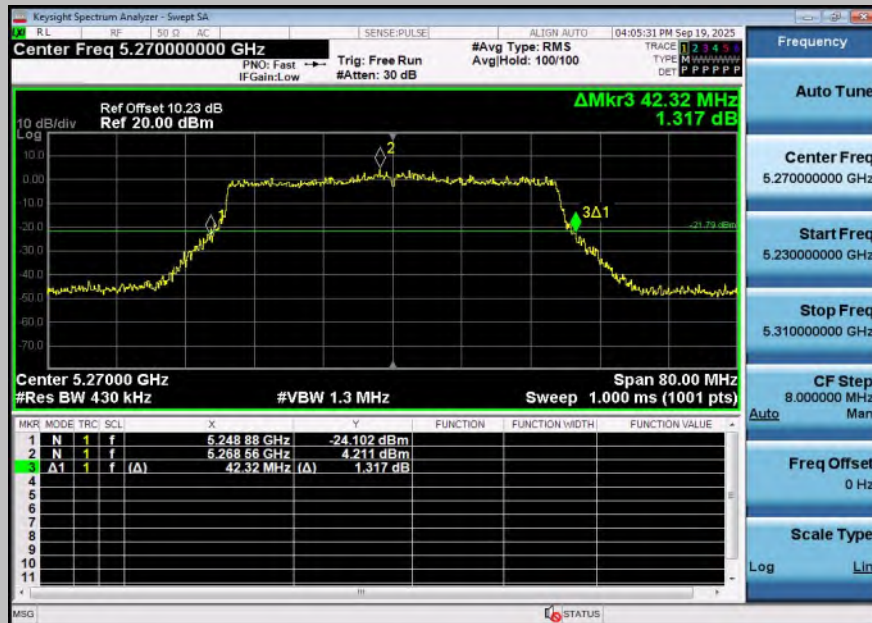
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE40SISO-Ant2-5230



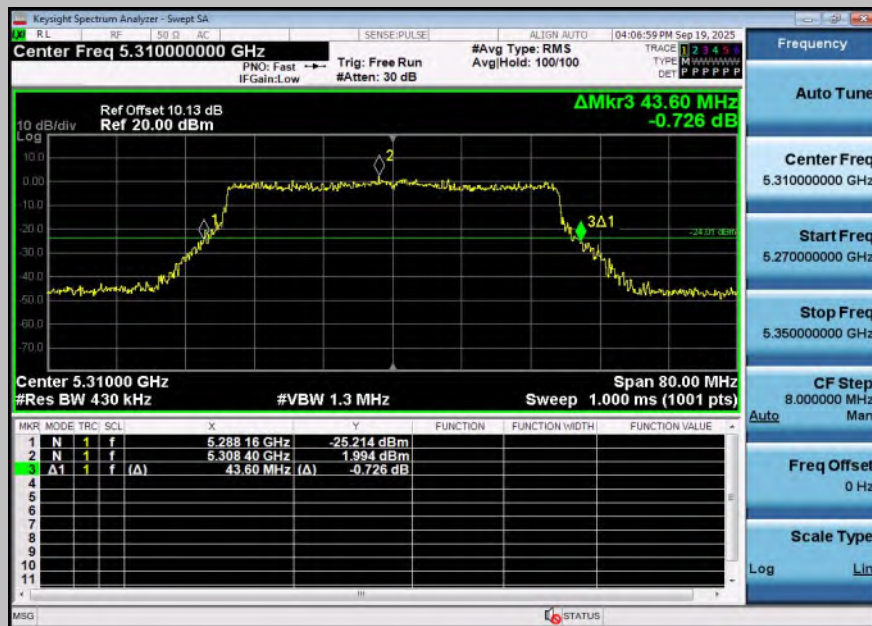
11BE40SISO-Ant2-5270



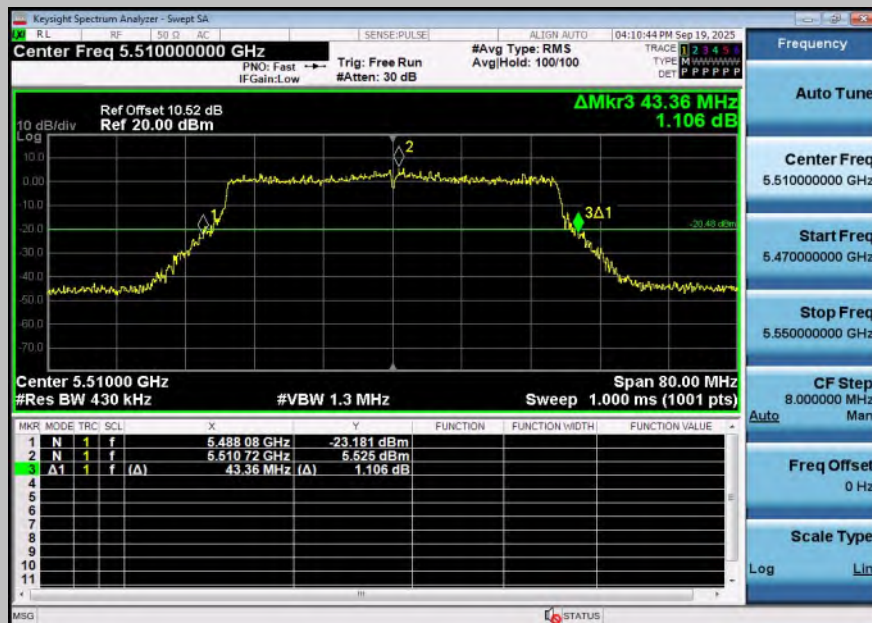
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE40SISO-Ant2-5310

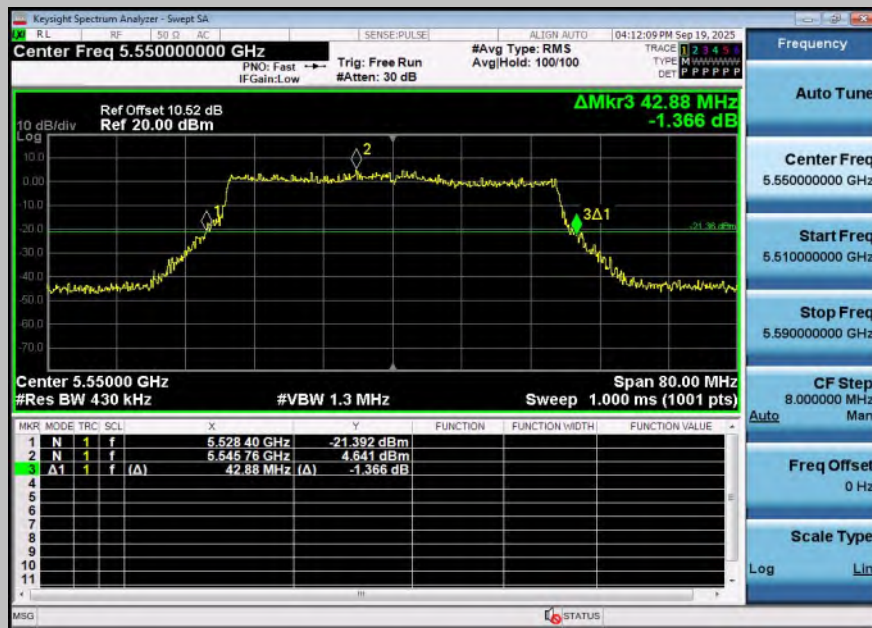


11BE40SISO-Ant2-5510

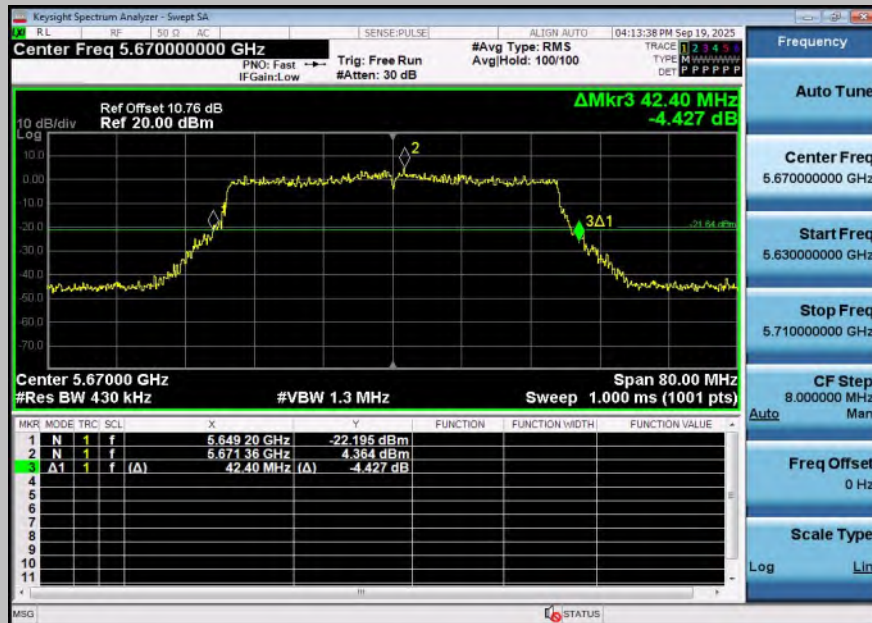


FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE40SISO-Ant2-5550



11BE40SISO-Ant2-5670



Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE40SISO-Ant2-5755



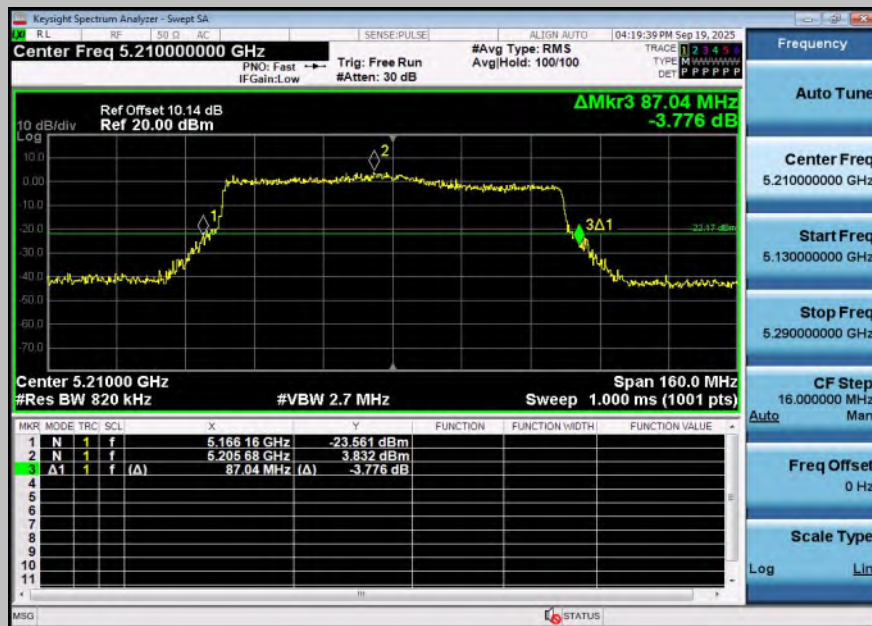
11BE40SISO-Ant2-5795



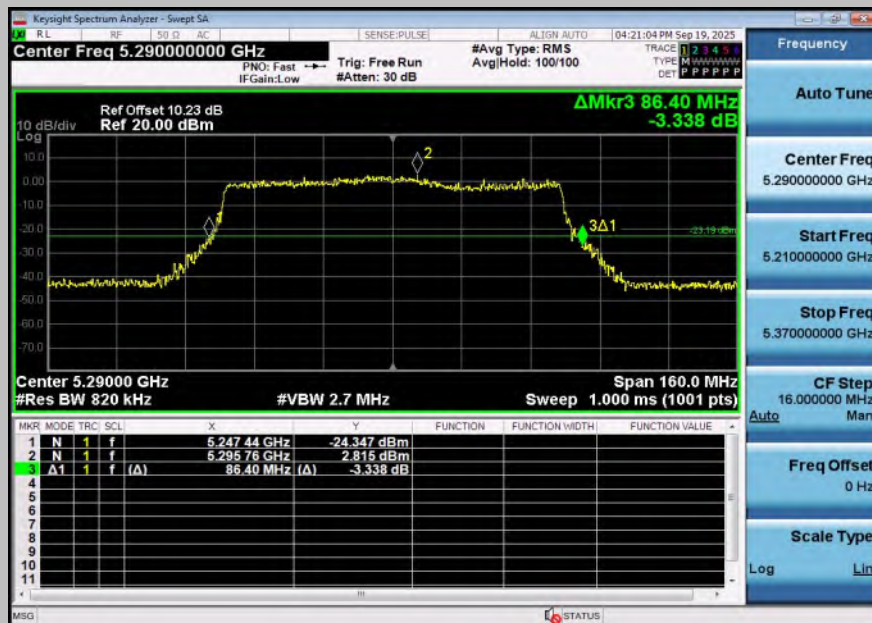
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE80SISO-Ant2-5210

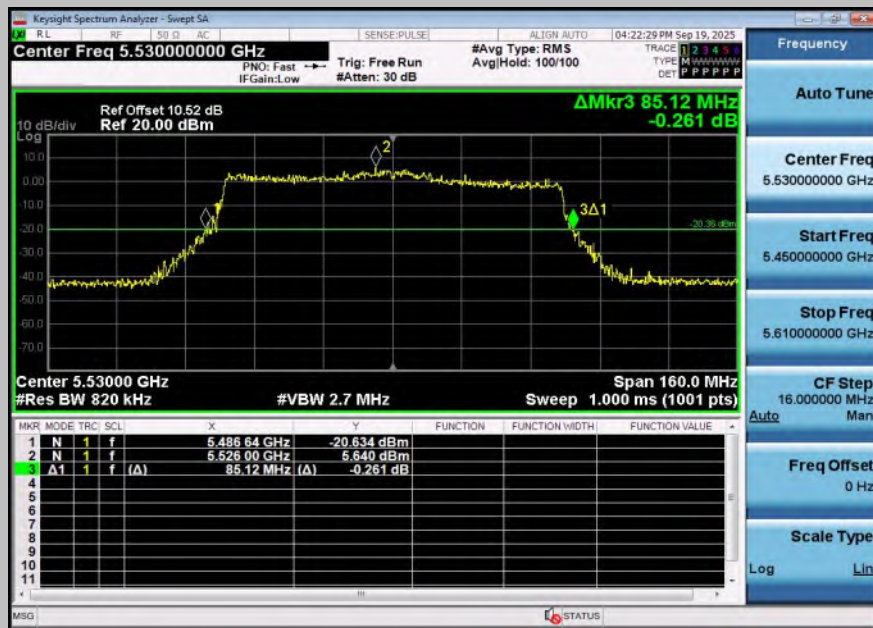


11BE80SISO-Ant2-5290



FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE80SISO-Ant2-5530



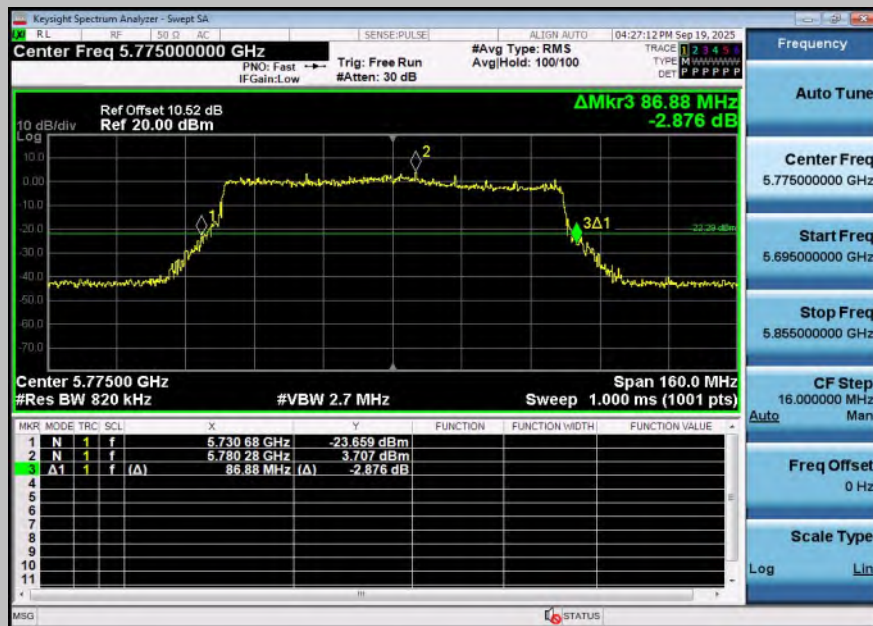
11BE80SISO-Ant2-5610



Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE80SISO-Ant2-5775



11BE160SISO-Ant2-5250



Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02





Appendix A2: Occupied channel bandwidth

Ant 1

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.228	5171.4071	5188.6351	---	---
11A	Ant1	5200	17.258	5191.2925	5208.5505	---	---
11A	Ant1	5240	17.329	5231.3065	5248.6355	---	---
11A	Ant1	5260	17.283	5251.4358	5268.7188	---	---
11A	Ant1	5280	17.184	5271.3819	5288.5659	---	---
11A	Ant1	5320	17.300	5311.3862	5328.6862	---	---
11A	Ant1	5500	17.336	5491.2922	5508.6282	---	---
11A	Ant1	5580	17.292	5571.3582	5588.6502	---	---
11A	Ant1	5700	17.428	5691.2020	5708.6300	---	---
11A	Ant1	5745	17.308	5736.3146	5753.6226	---	---
11A	Ant1	5785	17.351	5776.2569	5793.6079	---	---
11A	Ant1	5825	17.302	5816.3537	5833.6557	---	---
11N20SISO	Ant1	5180	18.441	5170.8276	5189.2686	---	---
11N20SISO	Ant1	5200	18.323	5190.8377	5209.1607	---	---
11N20SISO	Ant1	5240	18.480	5230.7763	5249.2563	---	---
11N20SISO	Ant1	5260	18.460	5250.8593	5269.3193	---	---
11N20SISO	Ant1	5280	18.356	5270.8302	5289.1862	---	---
11N20SISO	Ant1	5320	18.458	5310.8470	5329.3050	---	---
11N20SISO	Ant1	5500	18.410	5490.8087	5509.2187	---	---
11N20SISO	Ant1	5580	18.457	5570.7890	5589.2460	---	---
11N20SISO	Ant1	5700	18.446	5690.7506	5709.1966	---	---
11N20SISO	Ant1	5745	18.405	5735.8198	5754.2248	---	---
11N20SISO	Ant1	5785	18.480	5775.7401	5794.2201	---	---
11N20SISO	Ant1	5825	18.414	5815.8285	5834.2425	---	---
11N40SISO	Ant1	5190	36.975	5171.5601	5208.5351	---	---
11N40SISO	Ant1	5230	37.269	5211.2954	5248.5644	---	---
11N40SISO	Ant1	5270	36.900	5251.6514	5288.5514	---	---
11N40SISO	Ant1	5310	37.217	5291.4261	5328.6431	---	---
11N40SISO	Ant1	5510	37.215	5491.4156	5528.6306	---	---
11N40SISO	Ant1	5550	37.087	5531.3369	5568.4239	---	---
11N40SISO	Ant1	5670	37.033	5651.6314	5688.6644	---	---
11N40SISO	Ant1	5755	37.006	5736.4936	5773.4996	---	---
11N40SISO	Ant1	5795	37.276	5776.2906	5813.5666	---	---



FCCID:2A22E-R-W72508

GRCTR250902028-02

11AC20SISO	Ant1	5180	18.398	5170.8813	5189.2793	---	---
11AC20SISO	Ant1	5200	18.389	5190.7751	5209.1641	---	---
11AC20SISO	Ant1	5240	18.466	5230.7958	5249.2618	---	---
11AC20SISO	Ant1	5260	18.486	5250.8766	5269.3626	---	---
11AC20SISO	Ant1	5280	18.373	5270.8039	5289.1769	---	---
11AC20SISO	Ant1	5320	18.441	5310.8665	5329.3075	---	---
11AC20SISO	Ant1	5500	18.422	5490.7971	5509.2191	---	---
11AC20SISO	Ant1	5580	18.477	5570.8058	5589.2828	---	---
11AC20SISO	Ant1	5700	18.457	5690.7490	5709.2060	---	---
11AC20SISO	Ant1	5745	18.408	5735.8097	5754.2177	---	---
11AC20SISO	Ant1	5785	18.452	5775.7660	5794.2180	---	---
11AC20SISO	Ant1	5825	18.418	5815.8344	5834.2524	---	---
11AC40SISO	Ant1	5190	36.984	5171.5145	5208.4985	---	---
11AC40SISO	Ant1	5230	37.373	5211.1558	5248.5288	---	---
11AC40SISO	Ant1	5270	36.997	5251.5320	5288.5290	---	---
11AC40SISO	Ant1	5310	37.478	5291.2342	5328.7122	---	---
11AC40SISO	Ant1	5510	37.099	5491.4704	5528.5694	---	---
11AC40SISO	Ant1	5550	37.228	5531.2553	5568.4833	---	---
11AC40SISO	Ant1	5670	37.041	5651.5789	5688.6199	---	---
11AC40SISO	Ant1	5755	37.179	5736.3488	5773.5278	---	---
11AC40SISO	Ant1	5795	37.221	5776.3385	5813.5595	---	---
11AC80SISO	Ant1	5210	76.373	5171.6268	5247.9998	---	---
11AC80SISO	Ant1	5290	76.604	5251.7148	5328.3188	---	---
11AC80SISO	Ant1	5530	76.552	5491.4075	5567.9595	---	---
11AC80SISO	Ant1	5610	76.464	5571.7425	5648.2065	---	---
11AC80SISO	Ant1	5775	76.739	5736.3432	5813.0822	---	---
11AX20SISO	Ant1	5180	19.246	5170.4555	5189.7015	---	---
11AX20SISO	Ant1	5200	19.207	5190.4255	5209.6325	---	---
11AX20SISO	Ant1	5240	19.257	5230.4114	5249.6684	---	---
11AX20SISO	Ant1	5260	19.230	5250.4544	5269.6844	---	---
11AX20SISO	Ant1	5280	19.192	5270.4286	5289.6206	---	---
11AX20SISO	Ant1	5320	19.243	5310.4315	5329.6745	---	---
11AX20SISO	Ant1	5500	19.216	5490.4233	5509.6393	---	---
11AX20SISO	Ant1	5580	19.328	5570.3690	5589.6970	---	---
11AX20SISO	Ant1	5700	19.264	5690.3747	5709.6387	---	---
11AX20SISO	Ant1	5745	19.213	5735.4276	5754.6406	---	---
11AX20SISO	Ant1	5785	19.269	5775.3836	5794.6526	---	---
11AX20SISO	Ant1	5825	19.275	5815.4188	5834.6938	---	---
11AX40SISO	Ant1	5190	38.256	5170.9558	5209.2118	---	---
11AX40SISO	Ant1	5230	38.287	5210.8676	5249.1546	---	---



FCCID:2A22E-R-W72508

GRCTR250902028-02

11AX40SISO	Ant1	5270	38.111	5251.0154	5289.1264	---	---
11AX40SISO	Ant1	5310	38.311	5290.9149	5329.2259	---	---
11AX40SISO	Ant1	5510	38.136	5490.9692	5529.1052	---	---
11AX40SISO	Ant1	5550	38.256	5530.7909	5569.0469	---	---
11AX40SISO	Ant1	5670	38.118	5651.0493	5689.1673	---	---
11AX40SISO	Ant1	5755	38.162	5735.9172	5774.0792	---	---
11AX40SISO	Ant1	5795	38.227	5775.9102	5814.1372	---	---
11AX80SISO	Ant1	5210	77.880	5170.9745	5248.8545	---	---
11AX80SISO	Ant1	5290	77.867	5251.1485	5329.0155	---	---
11AX80SISO	Ant1	5530	77.768	5490.8942	5568.6622	---	---
11AX80SISO	Ant1	5610	77.804	5571.1079	5648.9119	---	---
11AX80SISO	Ant1	5775	78.094	5735.8423	5813.9363	---	---
11AX160SISO	Ant1	5250	158.12	5170.5503	5328.6703	---	---
11AX160SISO	Ant1	5250_UNII-1	79.45	5170.5503	5250	---	---
11AX160SISO	Ant1	5250_UNII-2A	78.67	5250	5328.6703	---	---
11AX160SISO	Ant1	5570	158.43	5490.1349	5648.5649	---	---
11BE20SISO	Ant1	5180	19.243	5170.4466	5189.6896	---	---
11BE20SISO	Ant1	5200	19.223	5190.3983	5209.6213	---	---
11BE20SISO	Ant1	5240	19.250	5230.4106	5249.6606	---	---
11BE20SISO	Ant1	5260	19.210	5250.4772	5269.6872	---	---
11BE20SISO	Ant1	5280	19.236	5270.4216	5289.6576	---	---
11BE20SISO	Ant1	5320	19.311	5310.4303	5329.7413	---	---
11BE20SISO	Ant1	5500	19.294	5490.3669	5509.6609	---	---
11BE20SISO	Ant1	5580	19.221	5570.4216	5589.6426	---	---
11BE20SISO	Ant1	5700	19.250	5690.4020	5709.6520	---	---
11BE20SISO	Ant1	5745	19.234	5735.4076	5754.6416	---	---
11BE20SISO	Ant1	5785	19.295	5775.3612	5794.6562	---	---
11BE20SISO	Ant1	5825	19.298	5815.3967	5834.6947	---	---
11BE40SISO	Ant1	5190	38.156	5170.9801	5209.1361	---	---
11BE40SISO	Ant1	5230	38.386	5210.7445	5249.1305	---	---
11BE40SISO	Ant1	5270	38.133	5251.0306	5289.1636	---	---
11BE40SISO	Ant1	5310	38.421	5290.8098	5329.2308	---	---
11BE40SISO	Ant1	5510	38.330	5490.8309	5529.1609	---	---
11BE40SISO	Ant1	5550	38.269	5530.8057	5569.0747	---	---
11BE40SISO	Ant1	5670	38.129	5651.0245	5689.1535	---	---
11BE40SISO	Ant1	5755	38.256	5735.8747	5774.1307	---	---
11BE40SISO	Ant1	5795	38.289	5775.8991	5814.1881	---	---
11BE80SISO	Ant1	5210	77.887	5170.9536	5248.8406	---	---
11BE80SISO	Ant1	5290	78.044	5251.1243	5329.1683	---	---
11BE80SISO	Ant1	5530	77.730	5490.9384	5568.6684	---	---

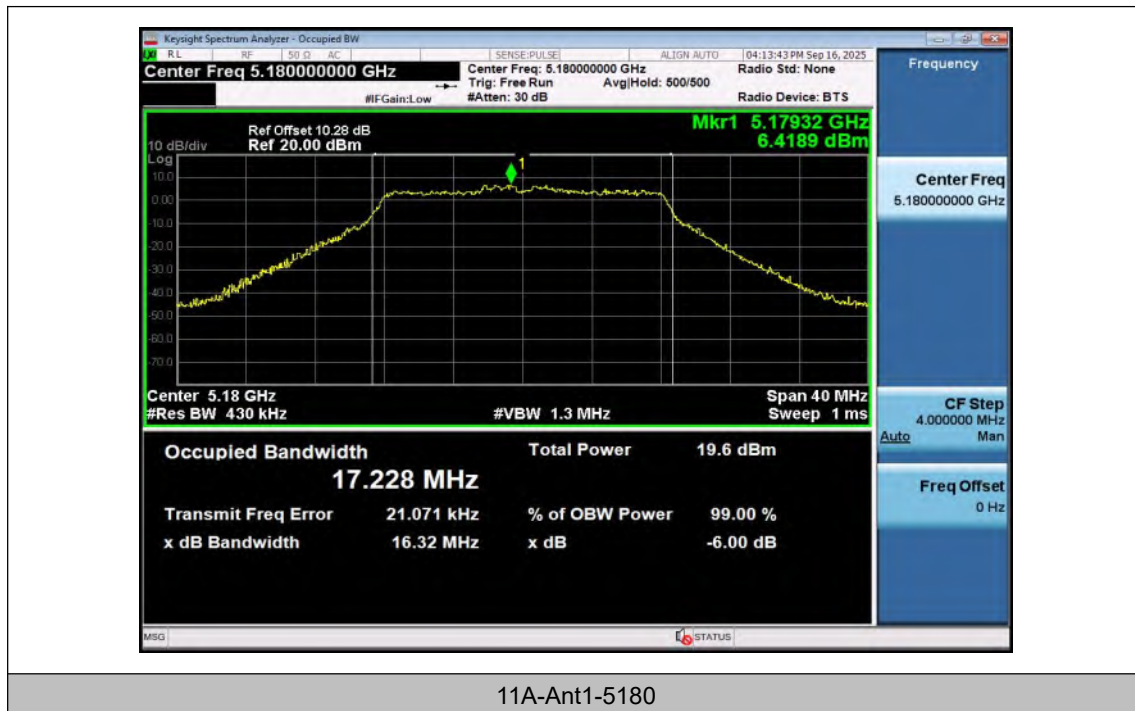


FCCID:2A22E-R-W72508

GRCTR250902028-02

11BE80SISO	Ant1	5610	77.843	5571.1245	5648.9675	---	---
11BE80SISO	Ant1	5775	78.062	5735.8235	5813.8855	---	---
11BE160SISO	Ant1	5250	158.73	5170.2539	5328.9839	---	---
11BE160SISO	Ant1	5250_UNII-1	79.746	5170.2539	5250	---	---
11BE160SISO	Ant1	5250_UNII-2A	78.984	5250	5328.9839	---	---
11BE160SISO	Ant1	5570	158.33	5490.0309	5648.3609	---	---

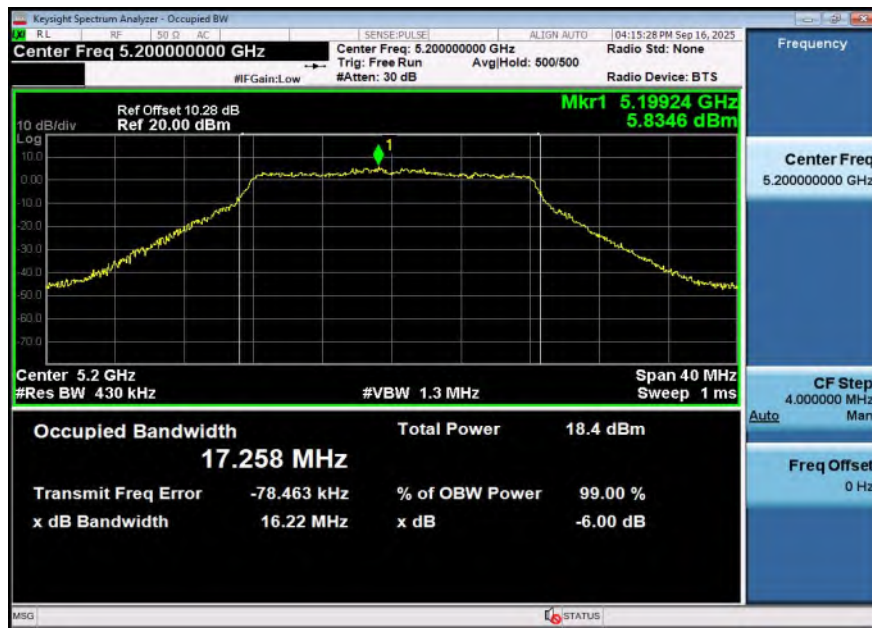
Test Graphs



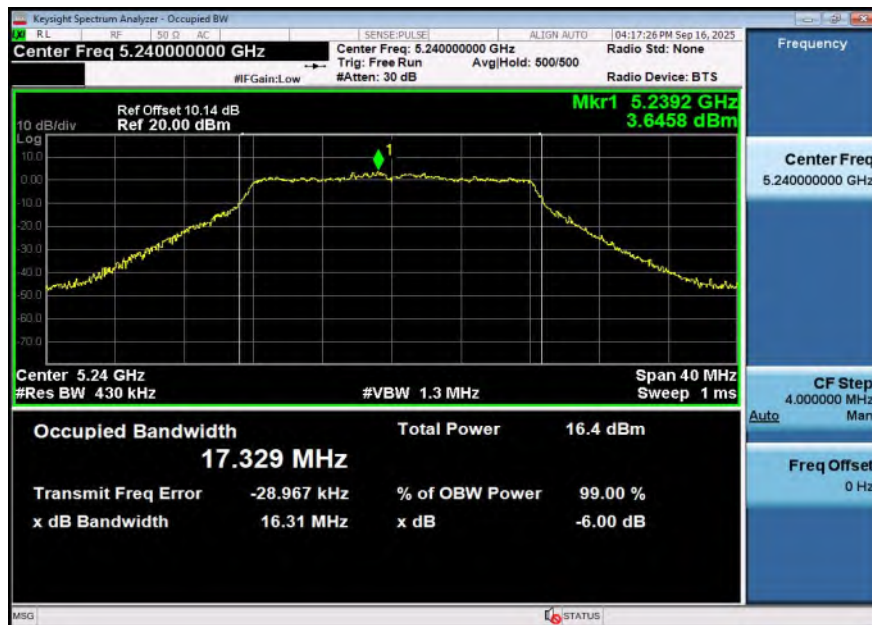


FCCID:2A22E-R-W72508

GRCTR250902028-02



11A-Ant1-5200

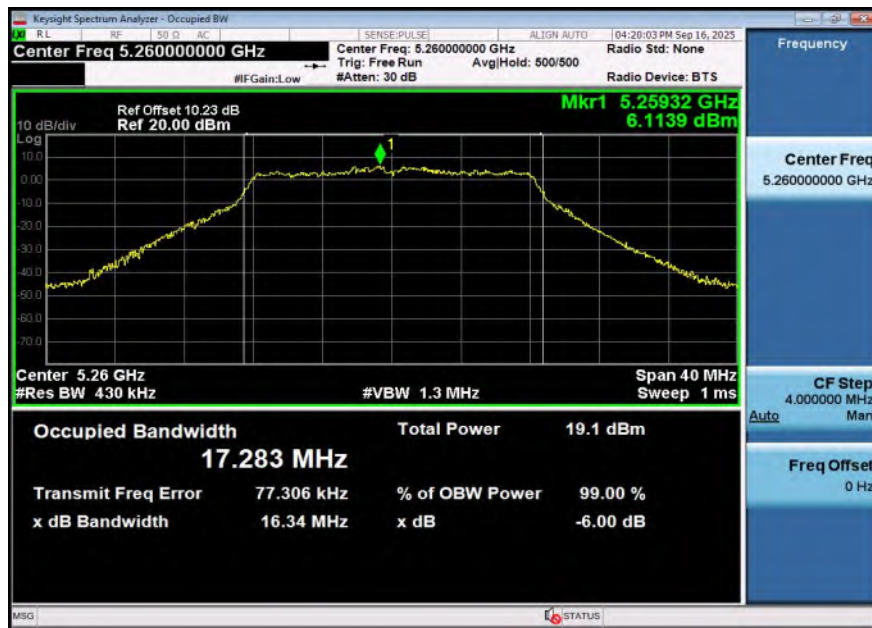


11A-Ant1-5240

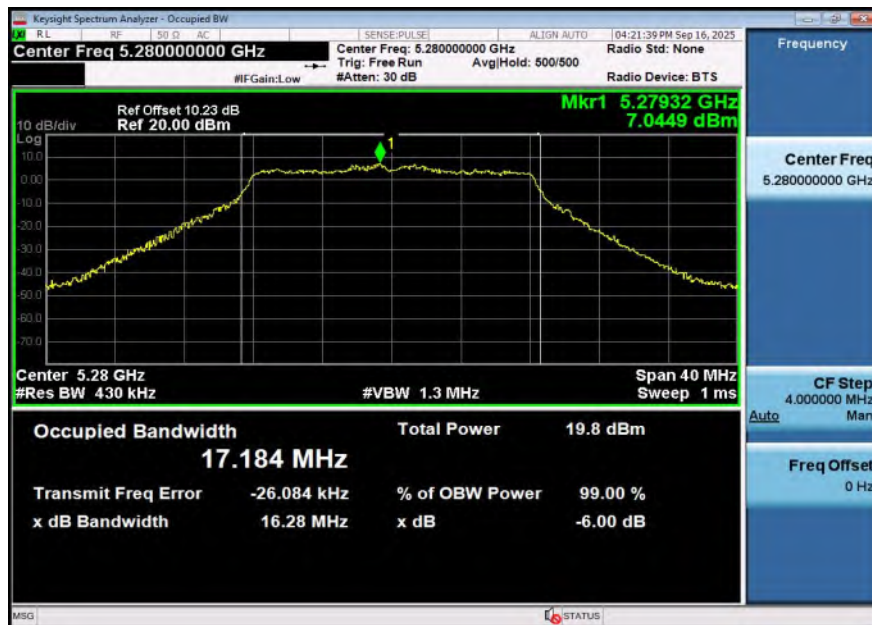


FCCID:2A22E-R-W72508

GRCTR250902028-02



11A-Ant1-5260

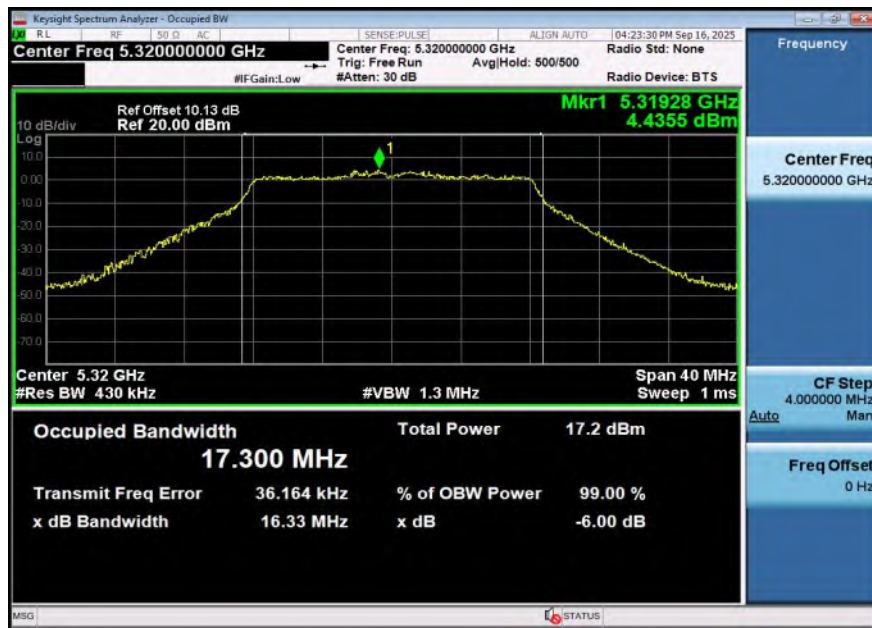


11A-Ant1-5280



FCCID:2A22E-R-W72508

GRCTR250902028-02



11A-Ant1-5320

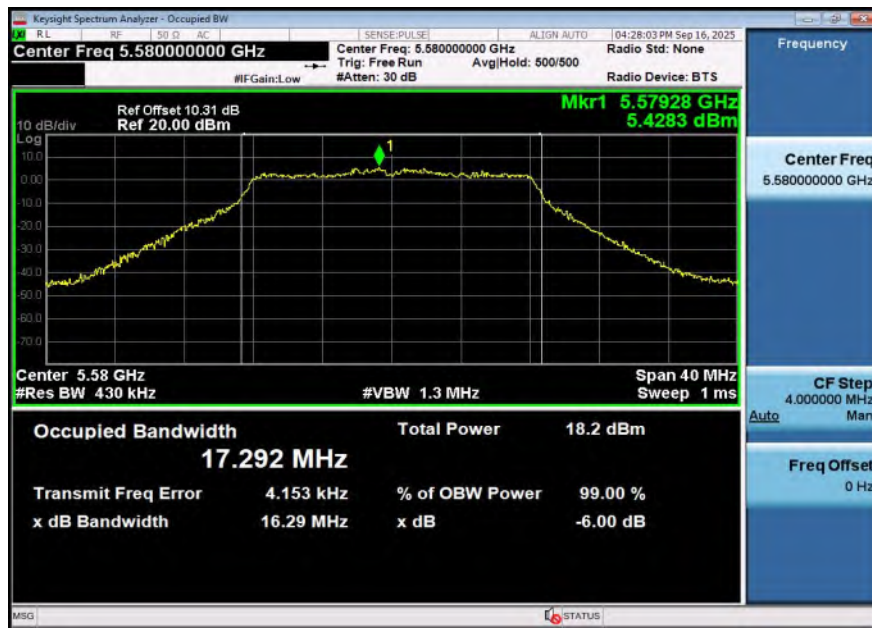


11A-Ant1-5500

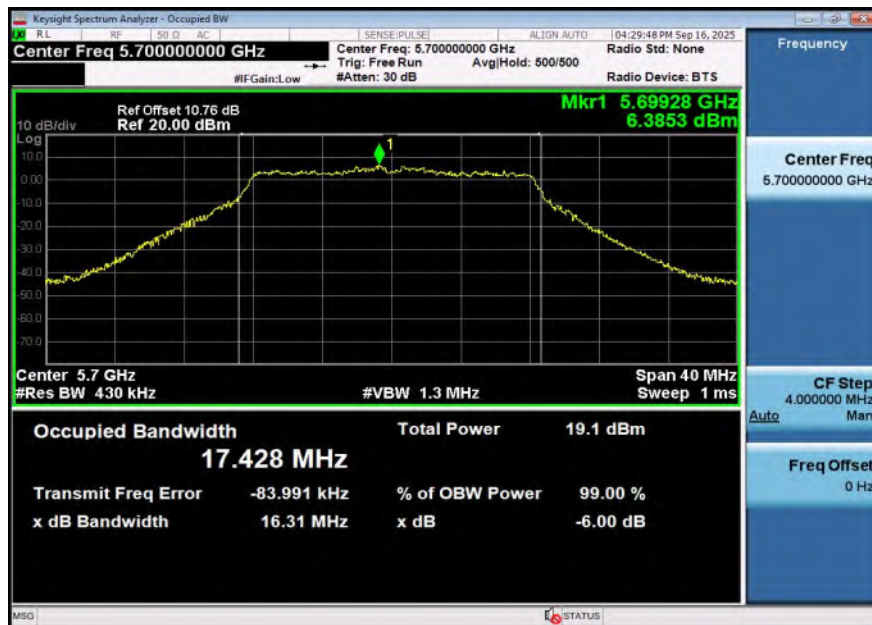


FCCID:2A22E-R-W72508

GRCTR250902028-02



11A-Ant1-5580

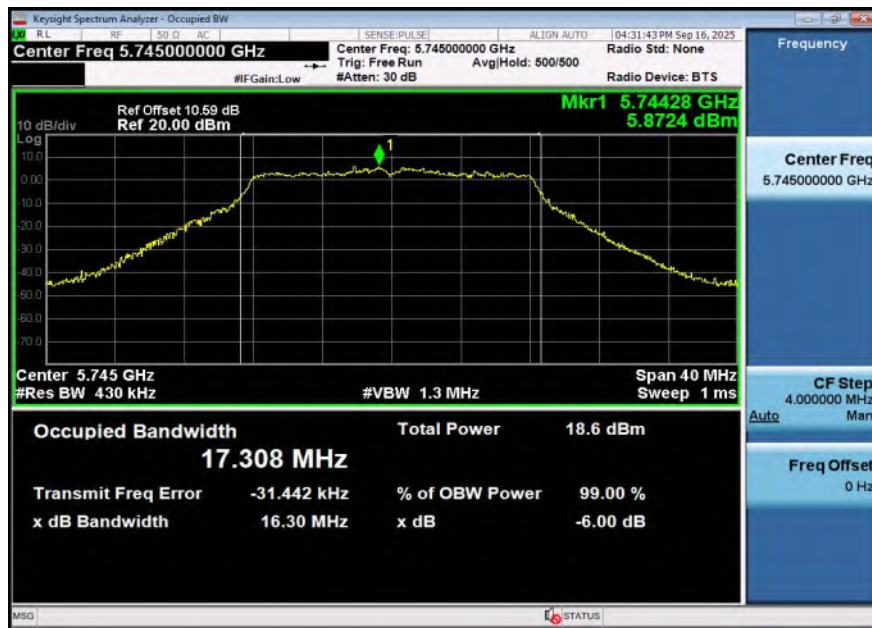


11A-Ant1-5700

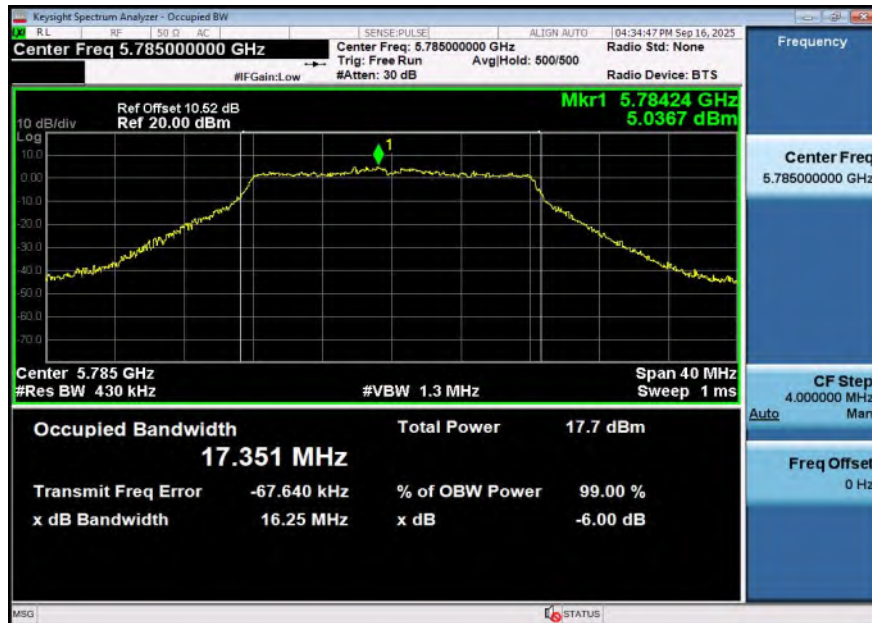


FCCID:2A22E-R-W72508

GRCTR250902028-02



11A-Ant1-5745

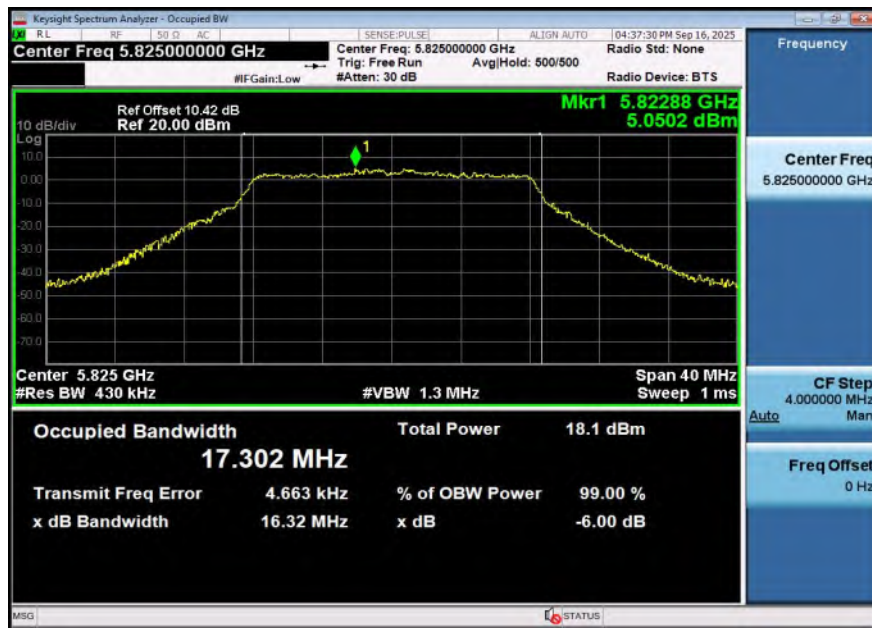


11A-Ant1-5785



FCCID:2A22E-R-W72508

GRCTR250902028-02



11A-Ant1-5825

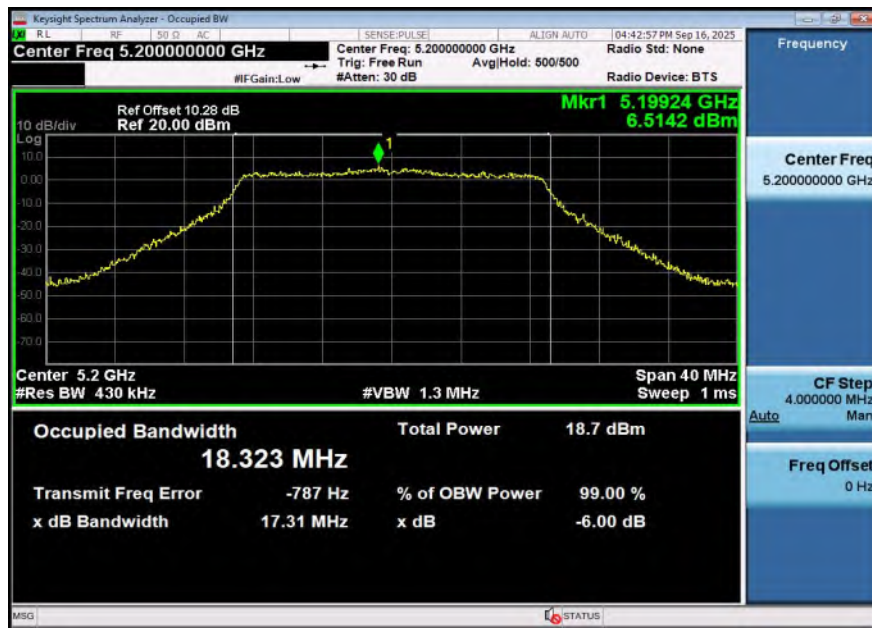


11N20SISO-Ant1-5180



FCCID:2A22E-R-W72508

GRCTR250902028-02



11N20SISO-Ant1-5200

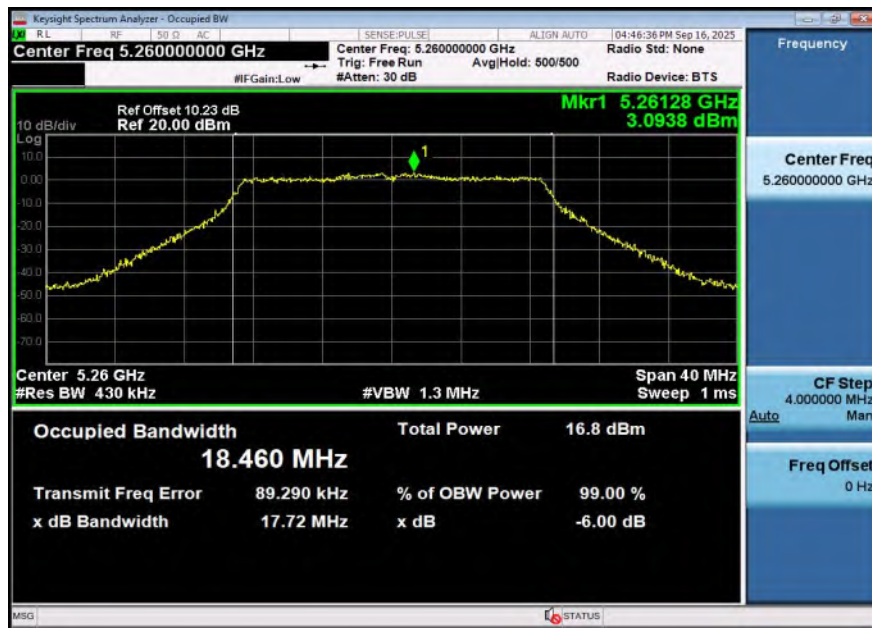


11N20SISO-Ant1-5240

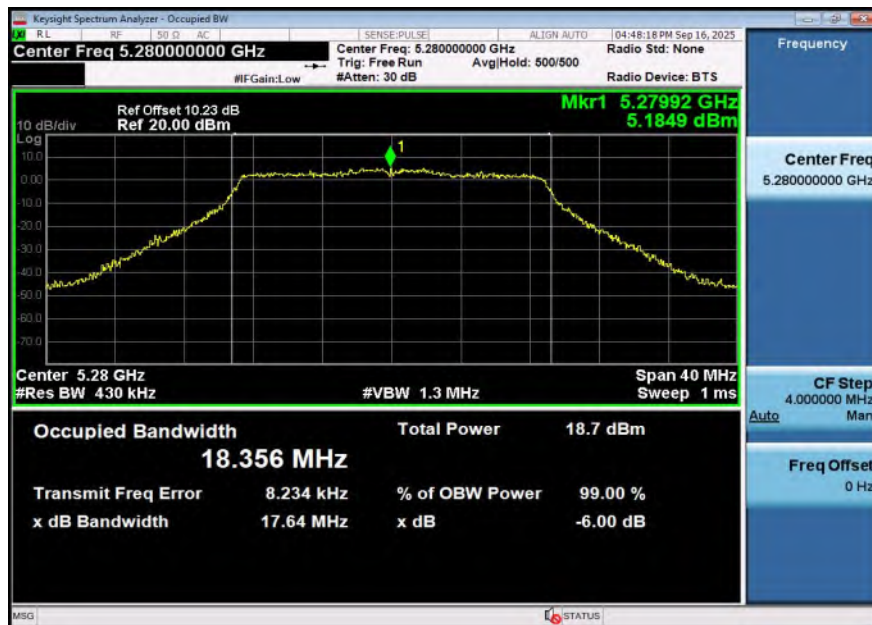


FCCID:2A22E-R-W72508

GRCTR250902028-02



11N20SISO-Ant1-5260

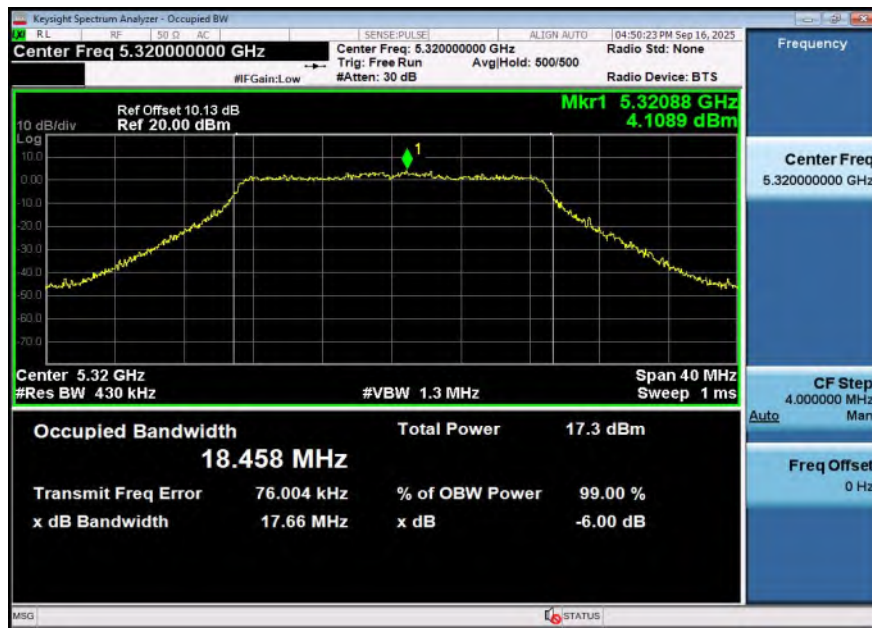


11N20SISO-Ant1-5280



FCCID:2A22E-R-W72508

GRCTR250902028-02



11N20SISO-Ant1-5320

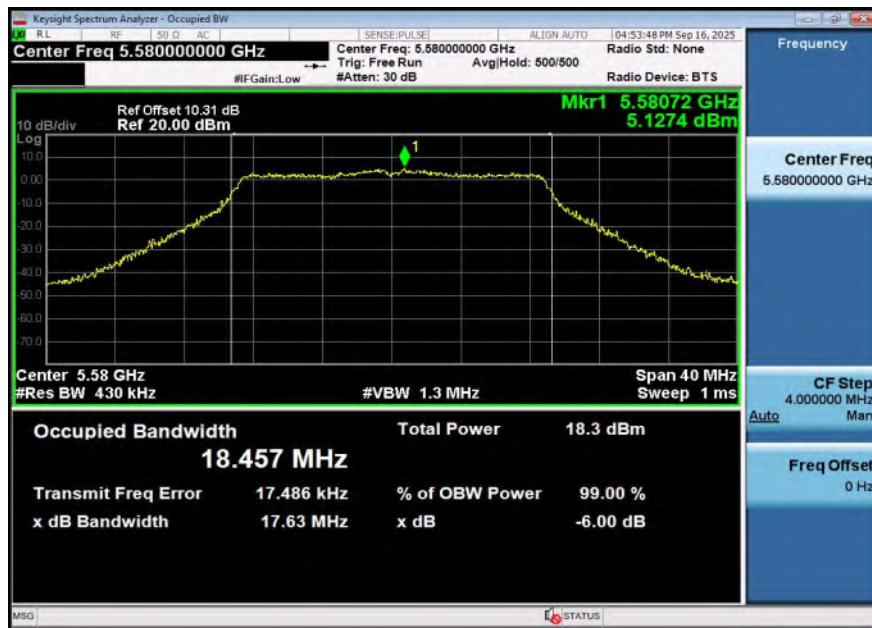


11N20SISO-Ant1-5500

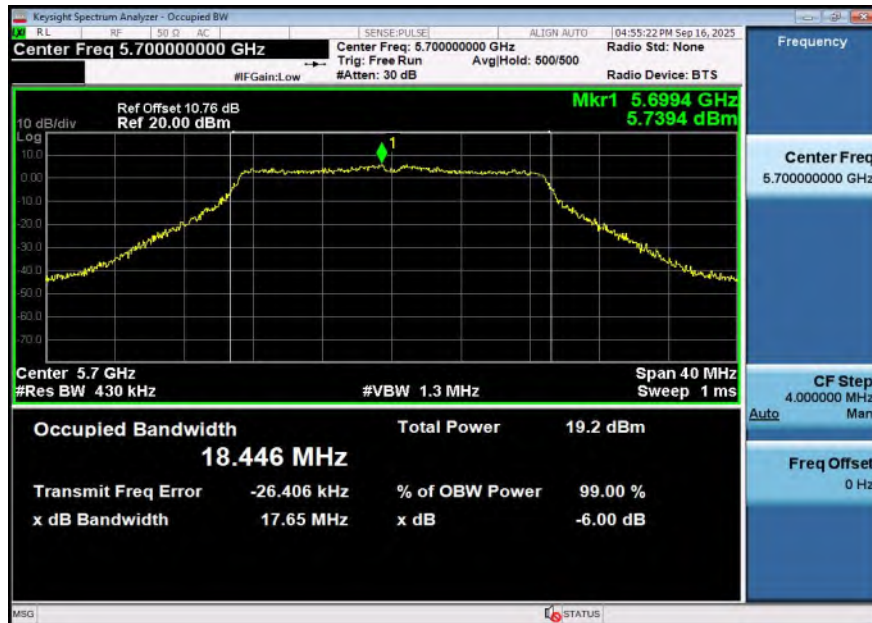


FCCID:2A22E-R-W72508

GRCTR250902028-02



11N20SISO-Ant1-5580

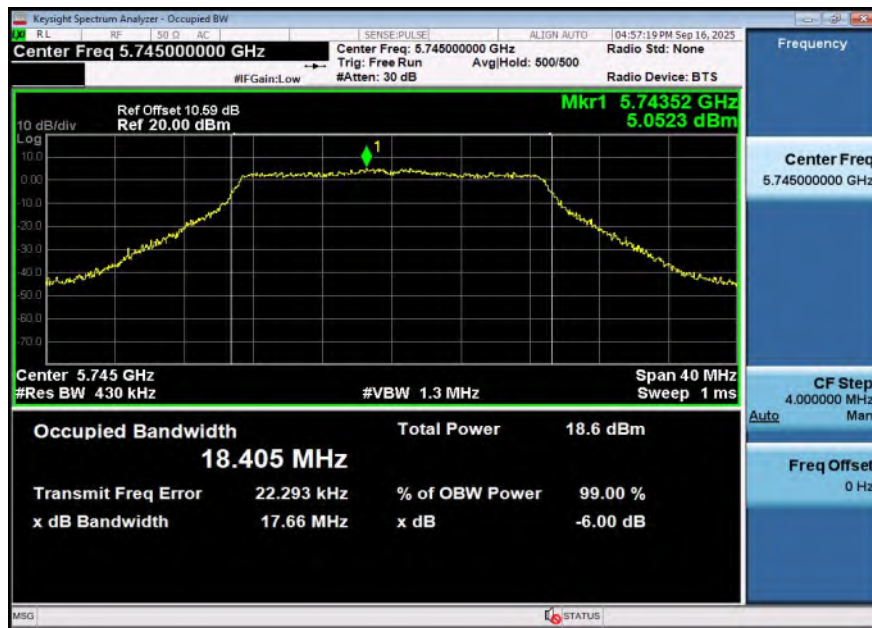


11N20SISO-Ant1-5700



FCCID:2A22E-R-W72508

GRCTR250902028-02



11N20SISO-Ant1-5745

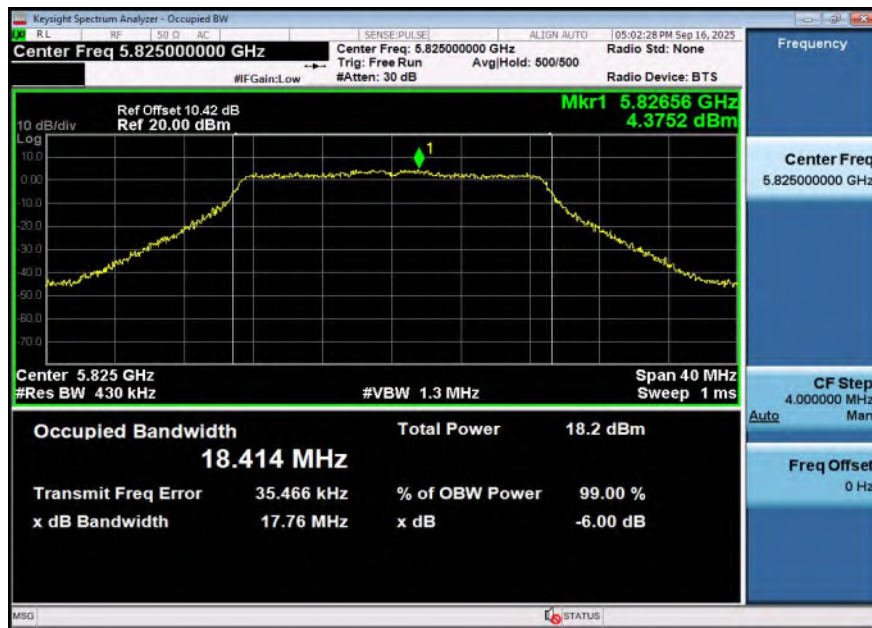


11N20SISO-Ant1-5785

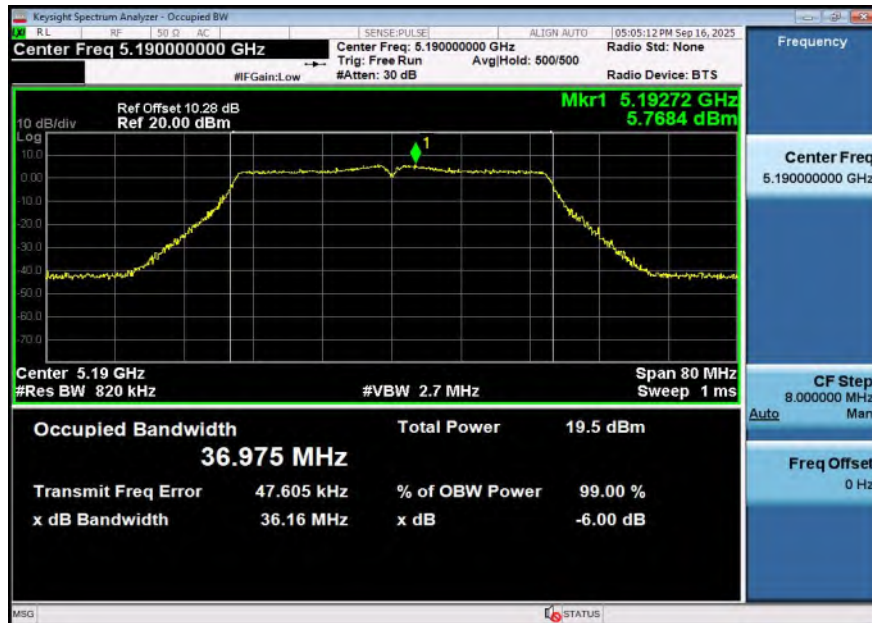


FCCID:2A22E-R-W72508

GRCTR250902028-02



11N20SISO-Ant1-5825



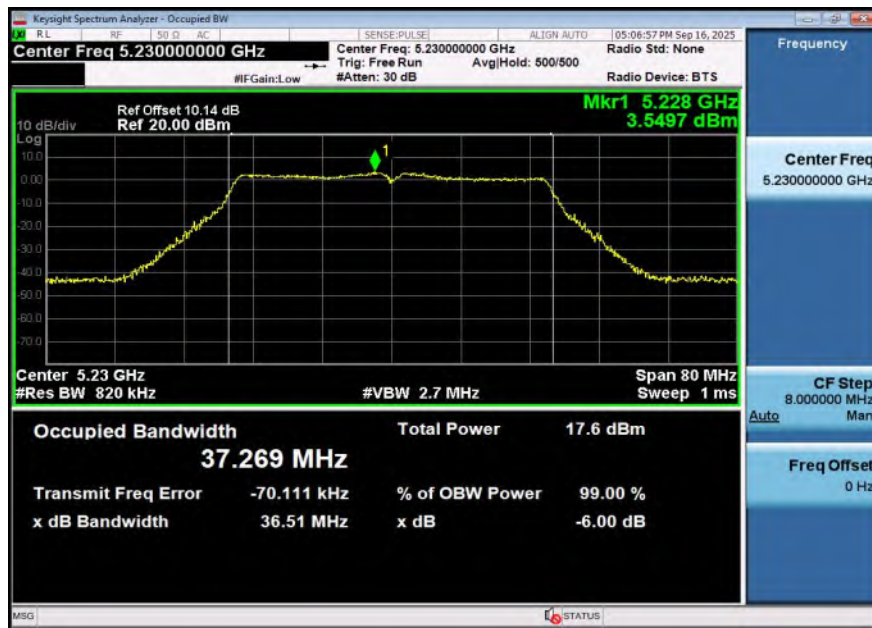
11N40SISO-Ant1-5190



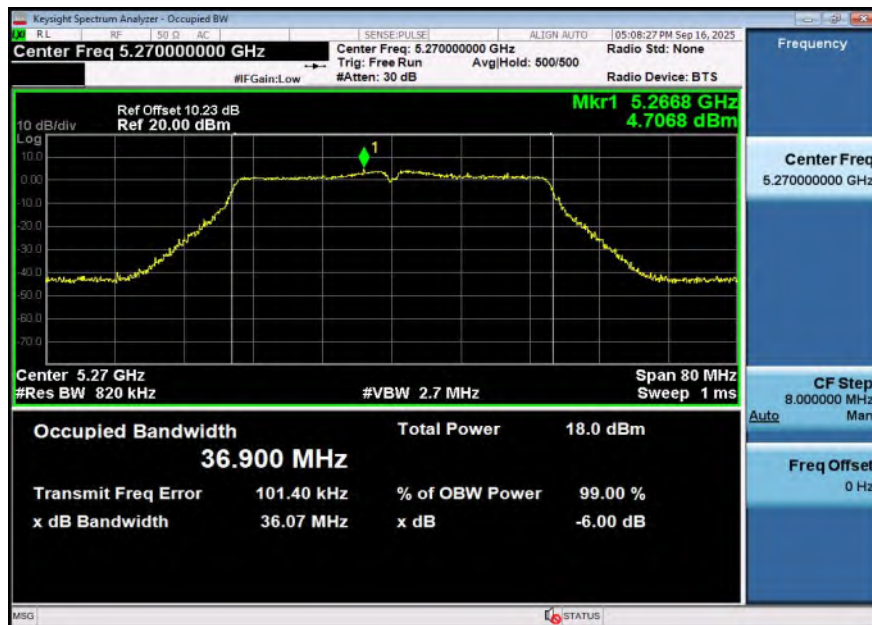
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11N40SISO-Ant1-5230

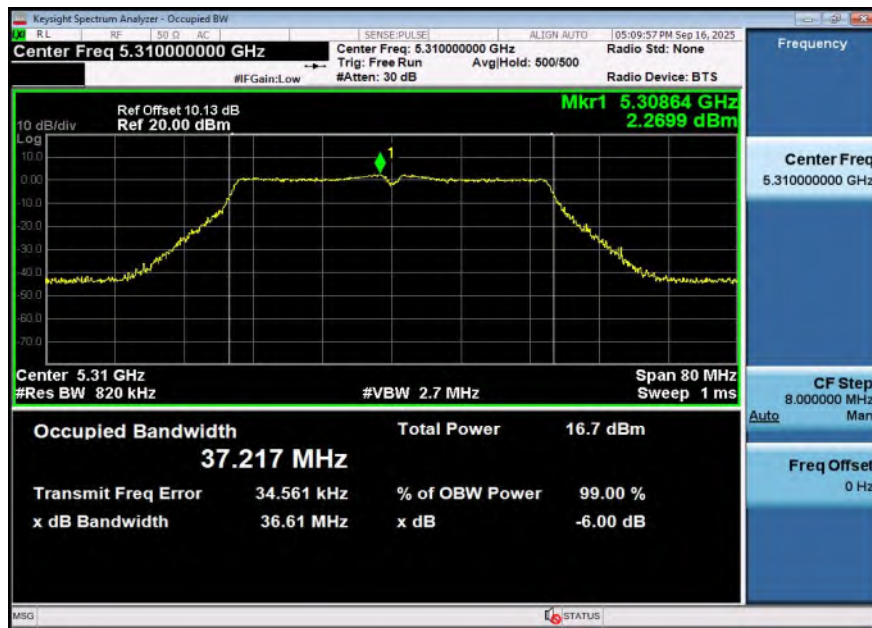


11N40SISO-Ant1-5270

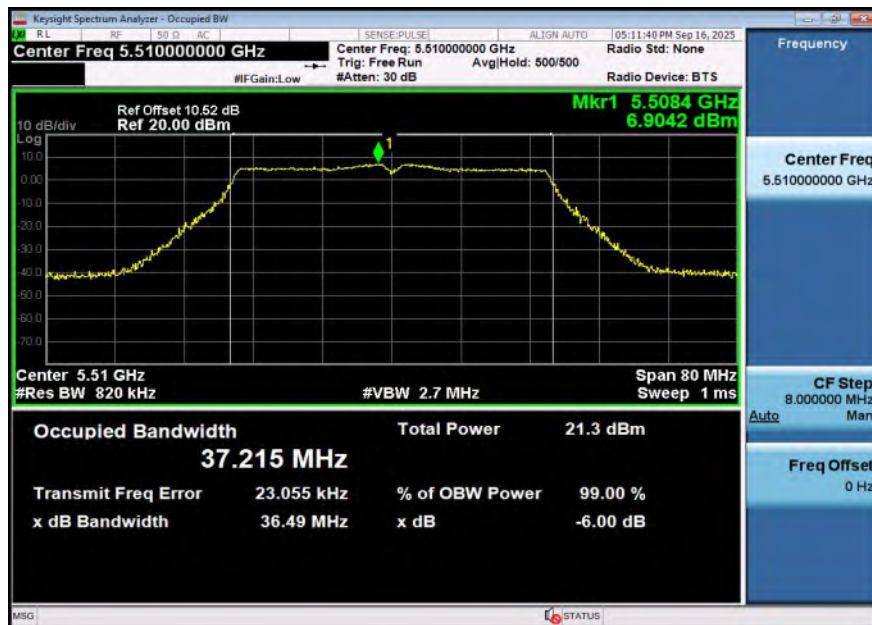


FCCID:2A22E-R-W72508

GRCTR250902028-02



11N40SISO-Ant1-5310

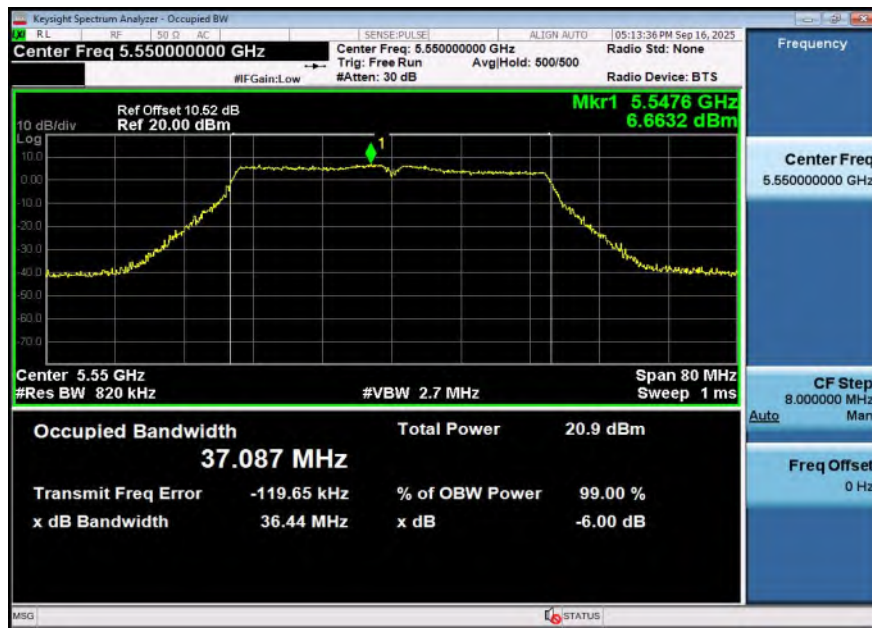


11N40SISO-Ant1-5510

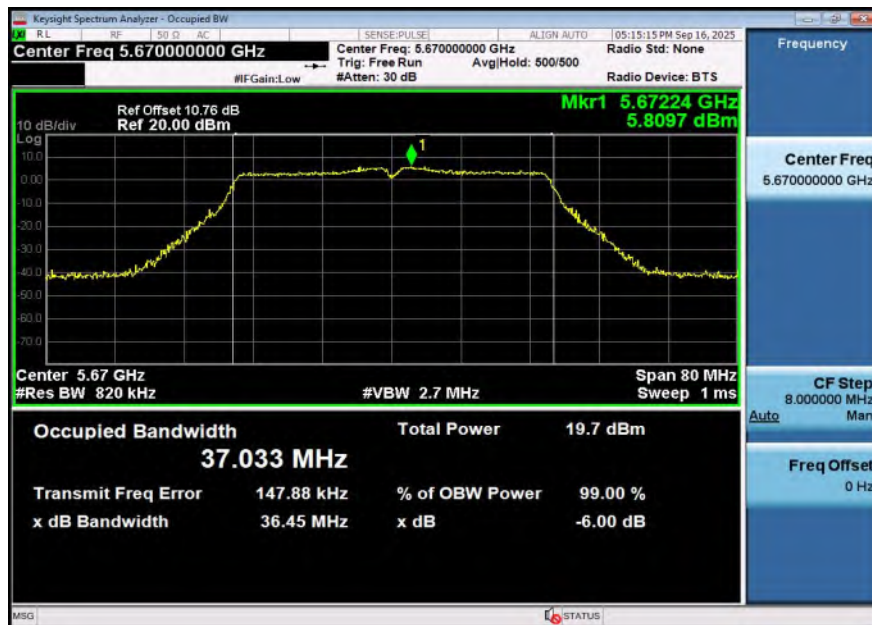


FCCID:2A22E-R-W72508

GRCTR250902028-02



11N40SISO-Ant1-5550

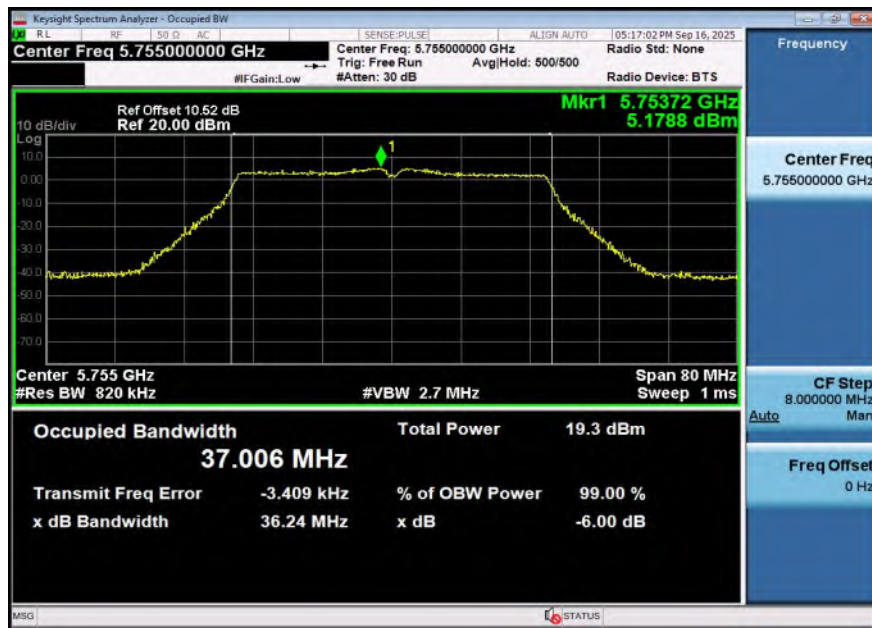


11N40SISO-Ant1-5670

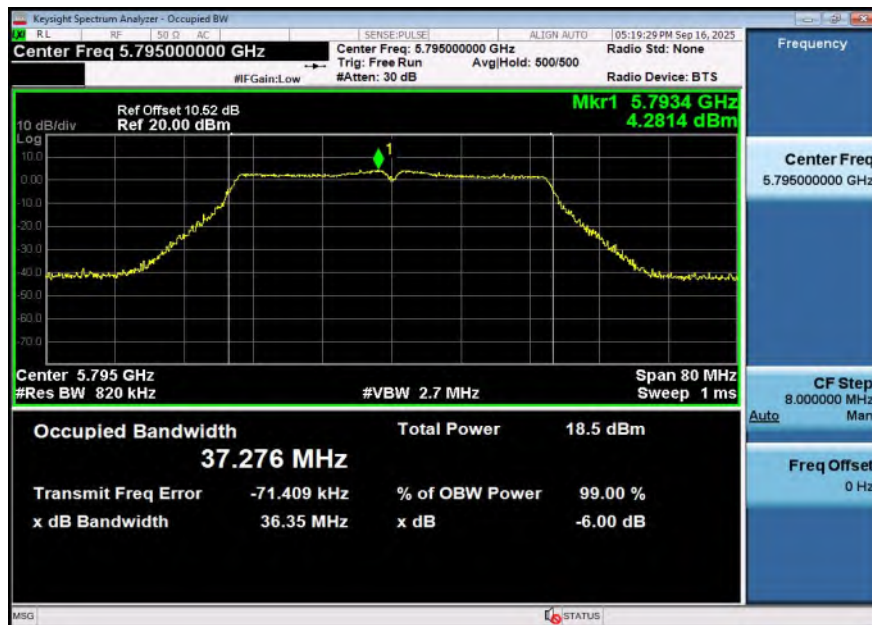


FCCID:2A22E-R-W72508

GRCTR250902028-02



11N40SISO-Ant1-5755

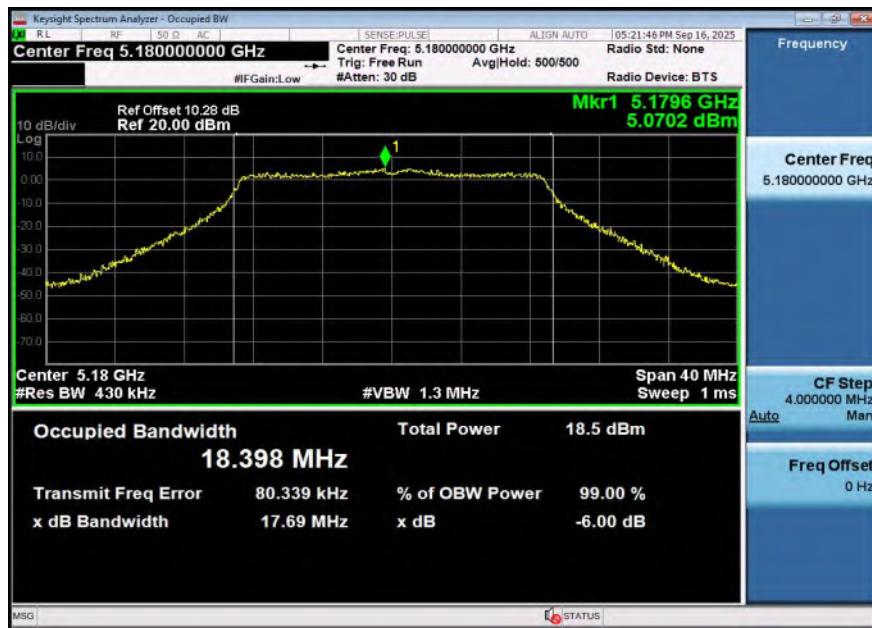


11N40SISO-Ant1-5795



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC20SISO-Ant1-5180

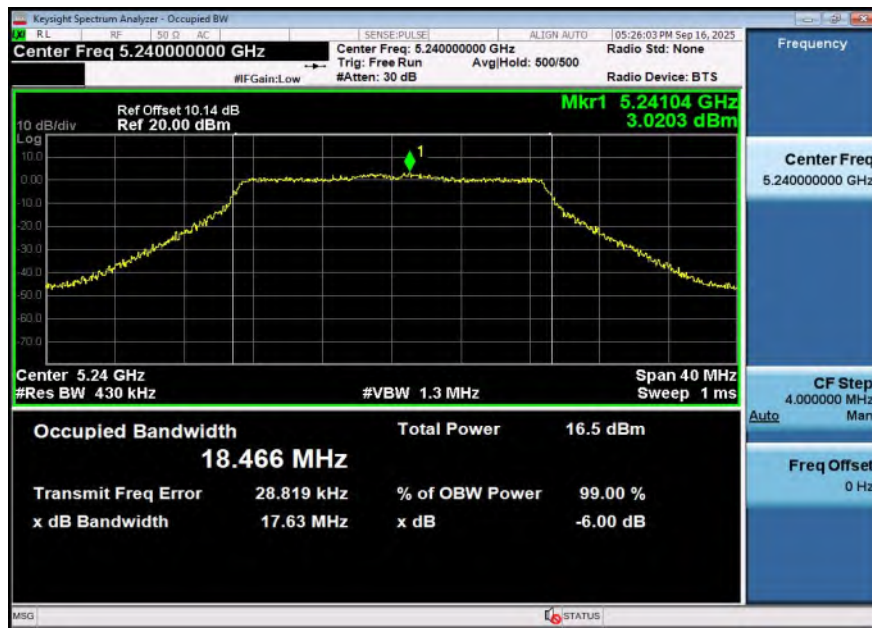


11AC20SISO-Ant1-5200

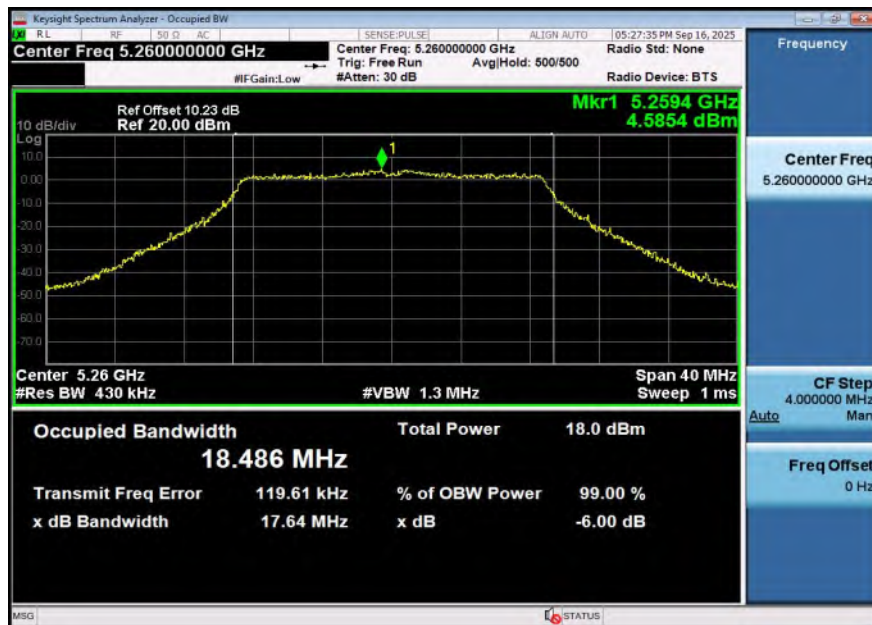


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC20SISO-Ant1-5240

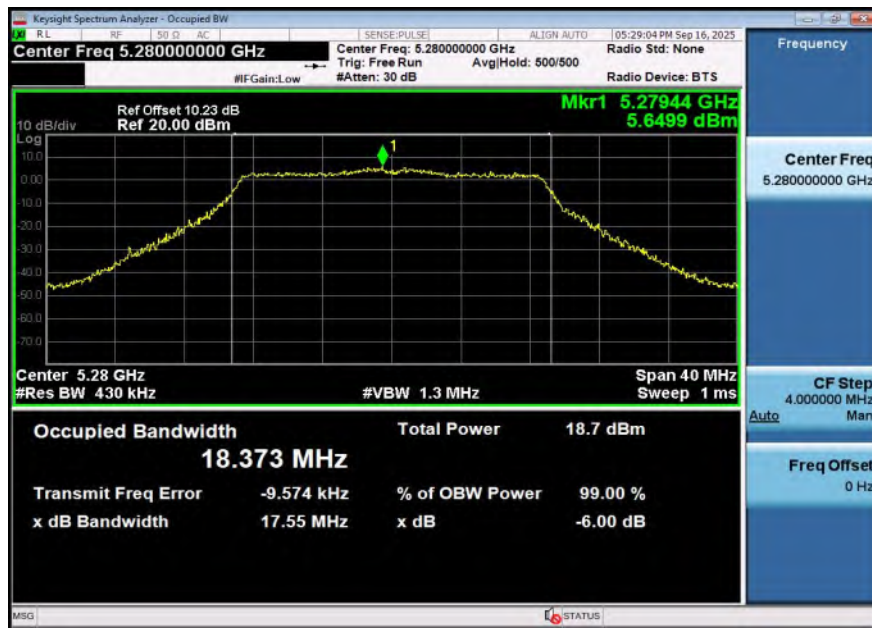


11AC20SISO-Ant1-5260



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC20SISO-Ant1-5280

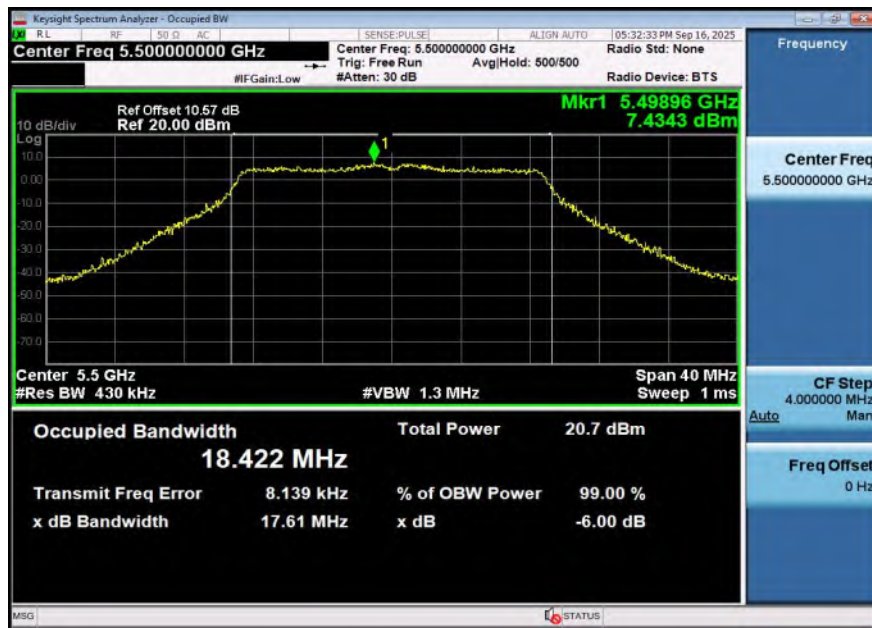


11AC20SISO-Ant1-5320

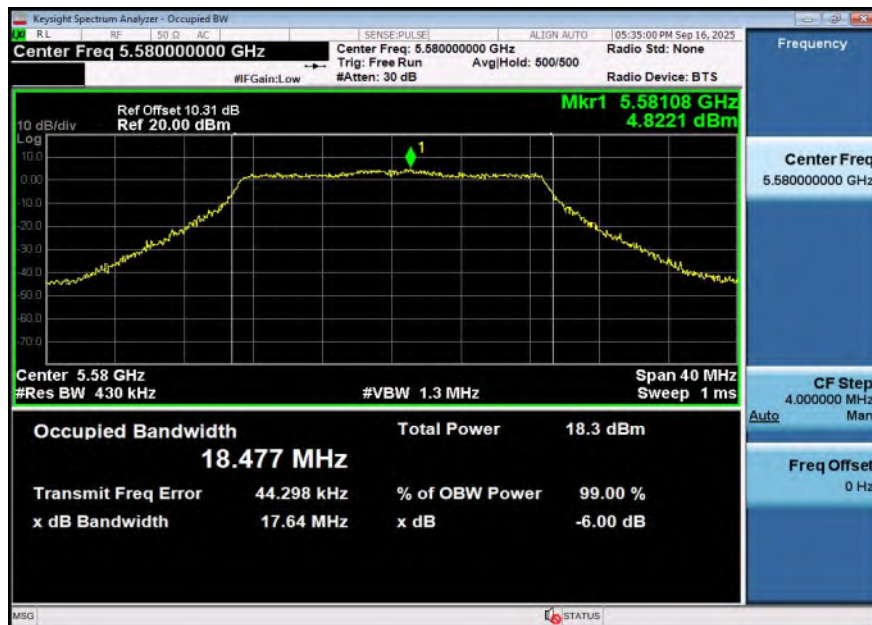


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC20SISO-Ant1-5500

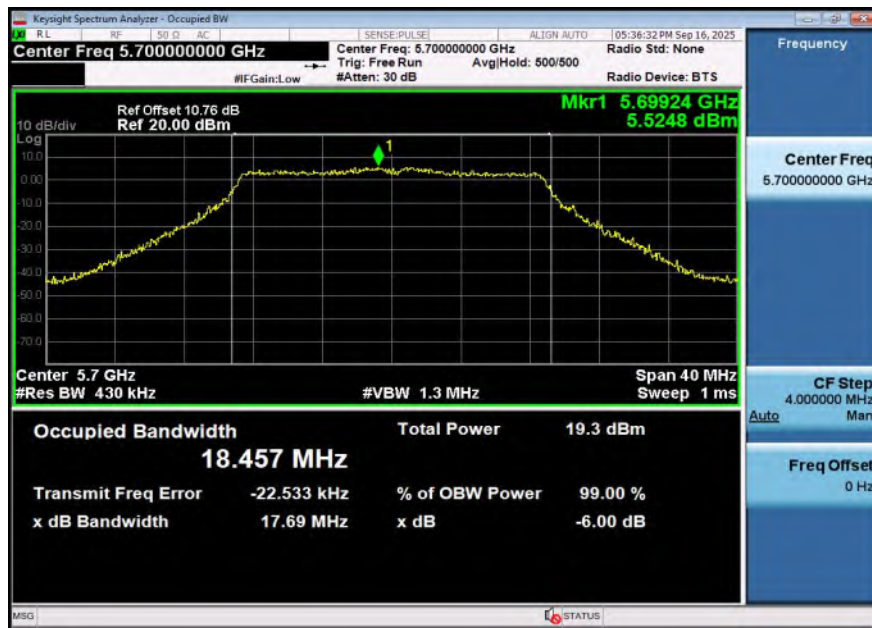


11AC20SISO-Ant1-5580



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC20SISO-Ant1-5700

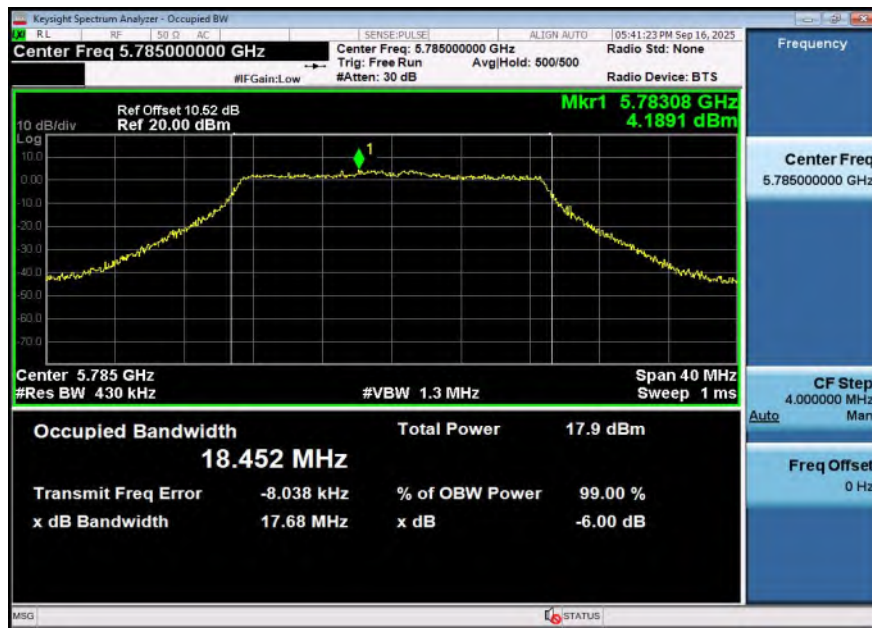


11AC20SISO-Ant1-5745

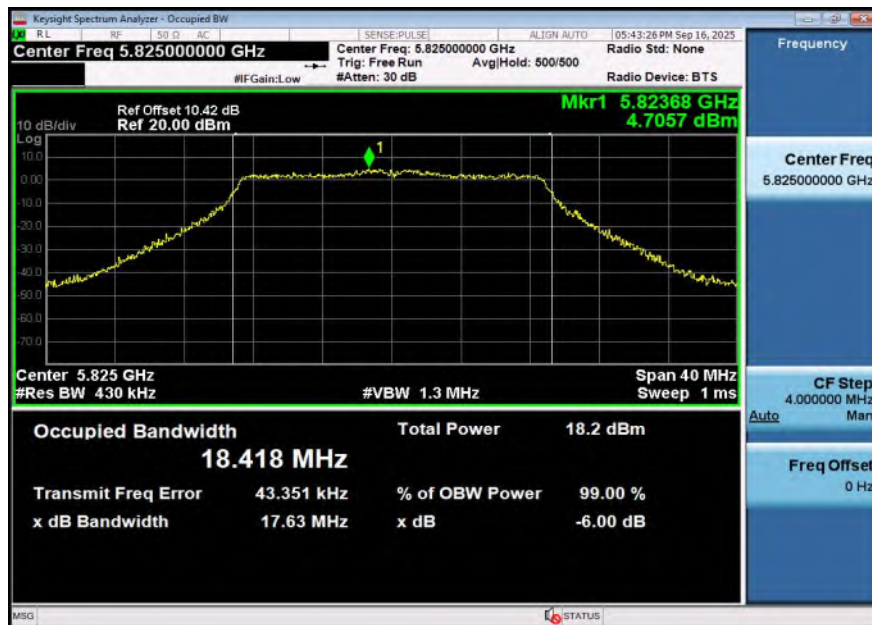


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC20SISO-Ant1-5785

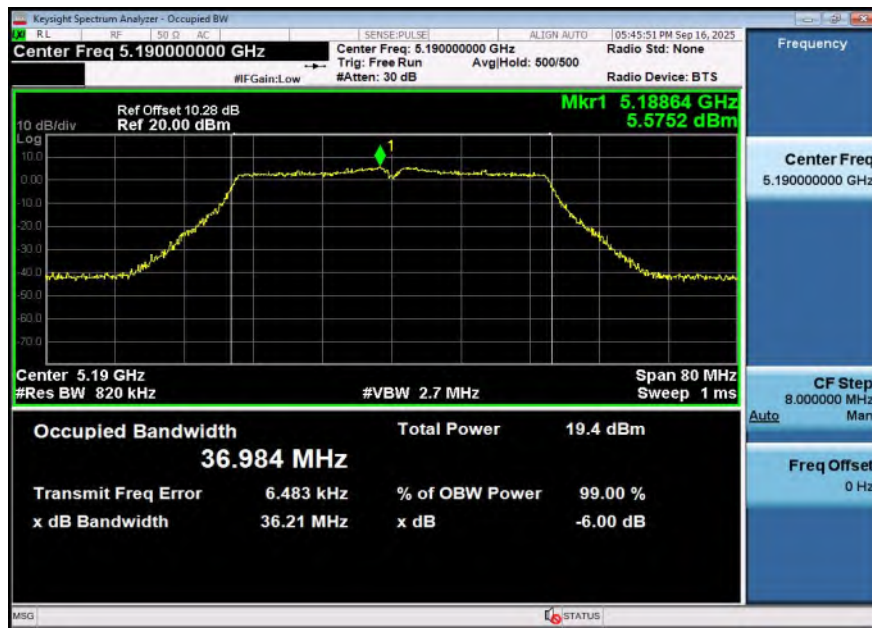


11AC20SISO-Ant1-5825

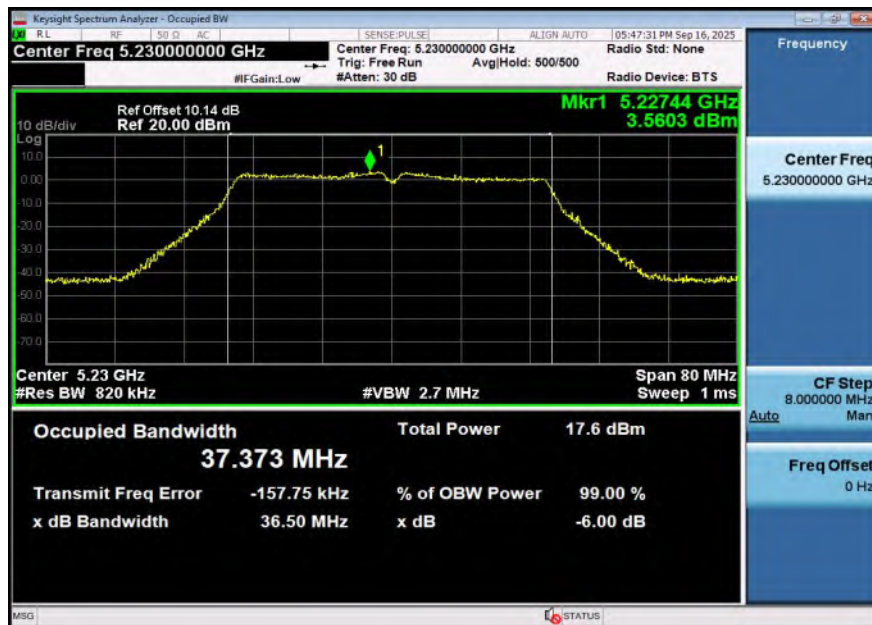


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC40SISO-Ant1-5190

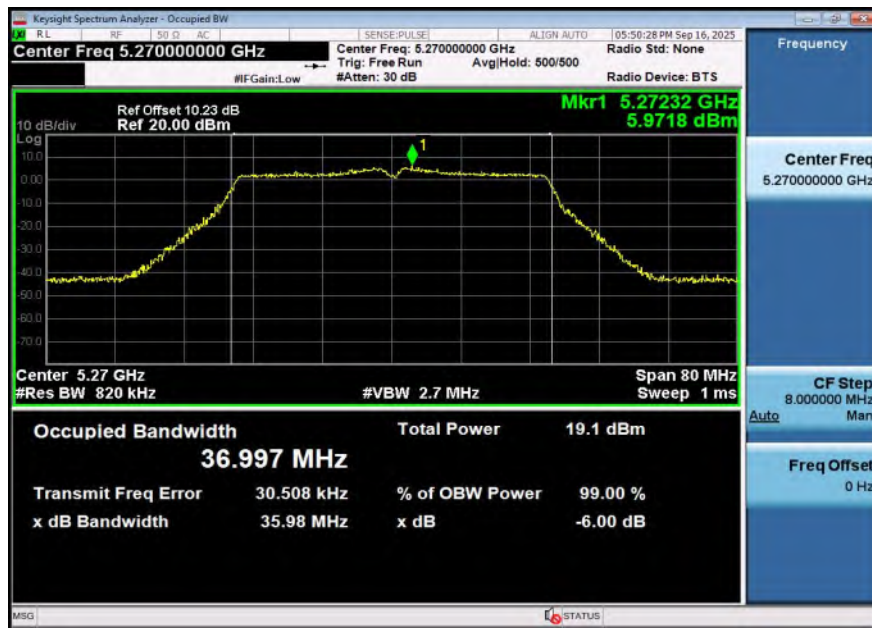


11AC40SISO-Ant1-5230

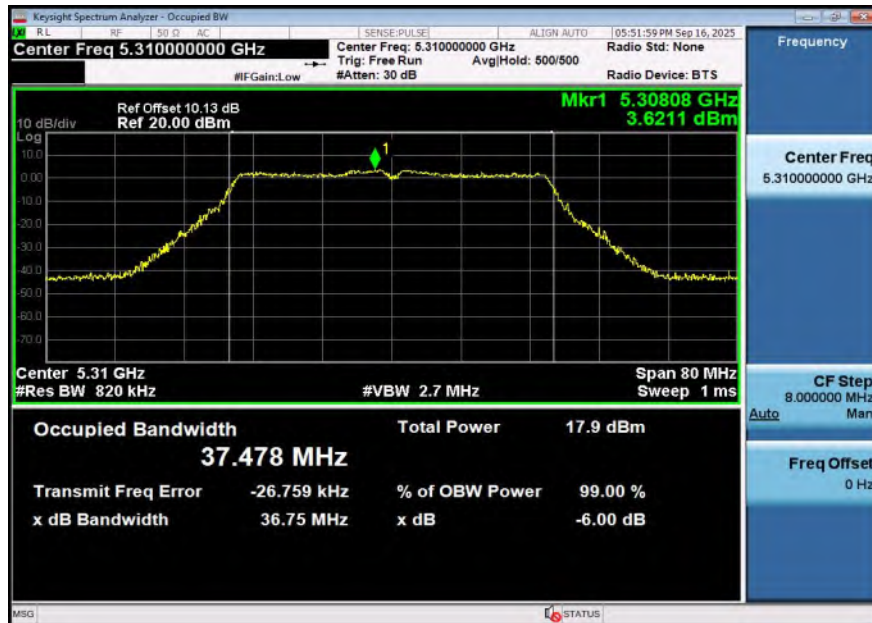


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC40SISO-Ant1-5270

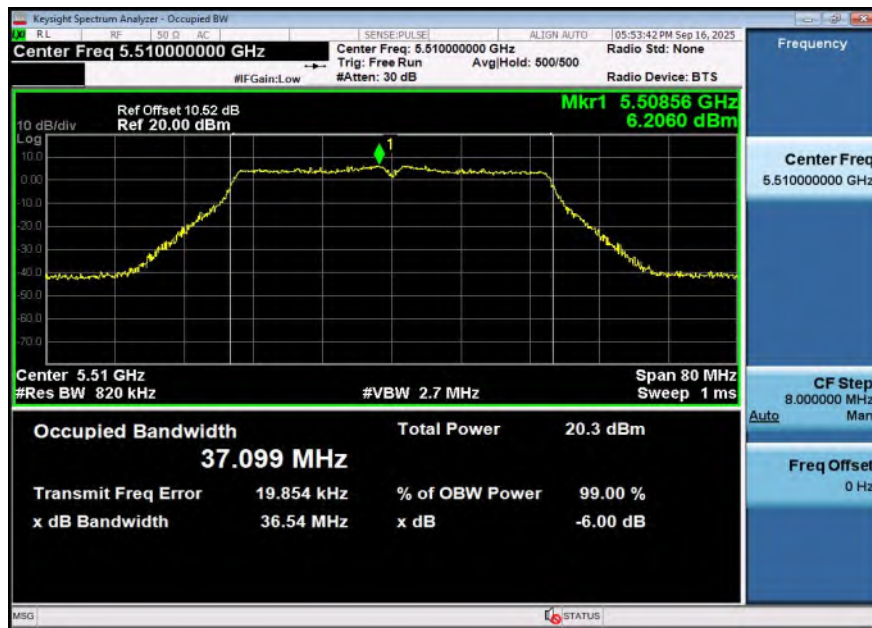


11AC40SISO-Ant1-5310

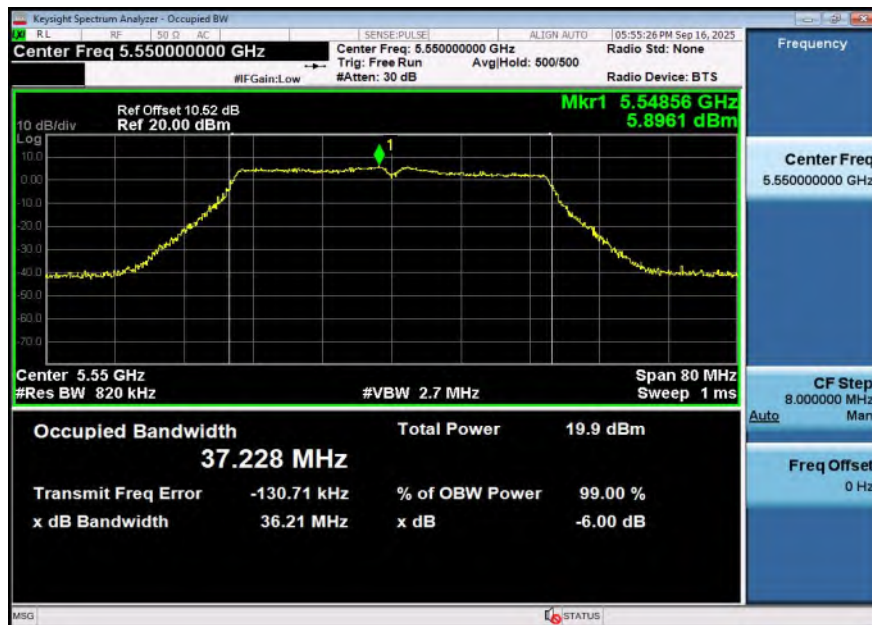


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC40SISO-Ant1-5510

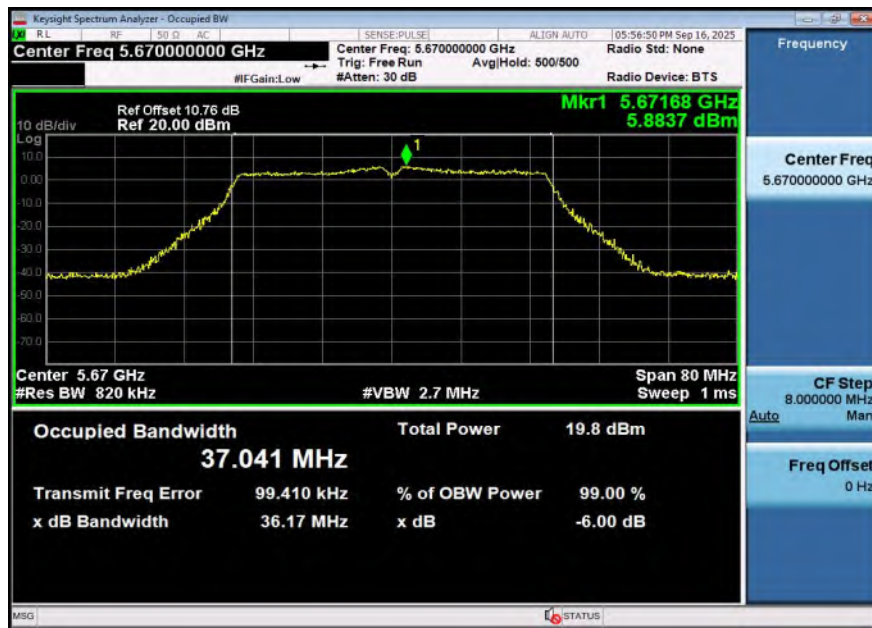


11AC40SISO-Ant1-5550

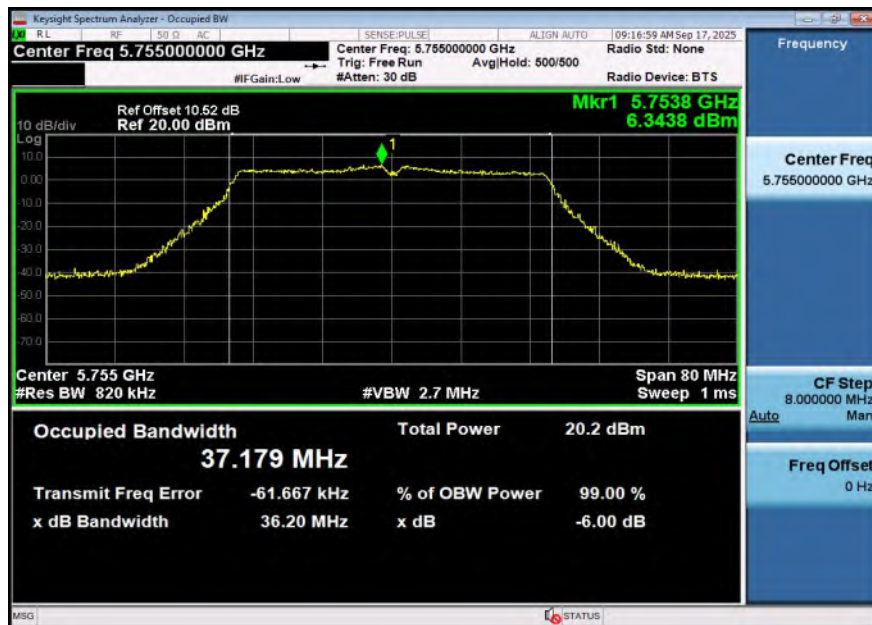


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC40SISO-Ant1-5670

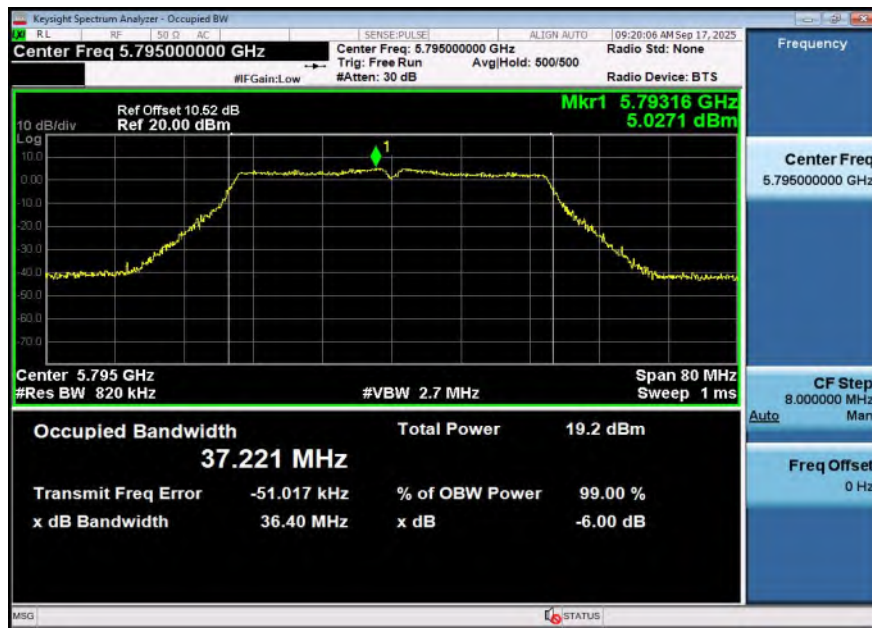


11AC40SISO-Ant1-5755

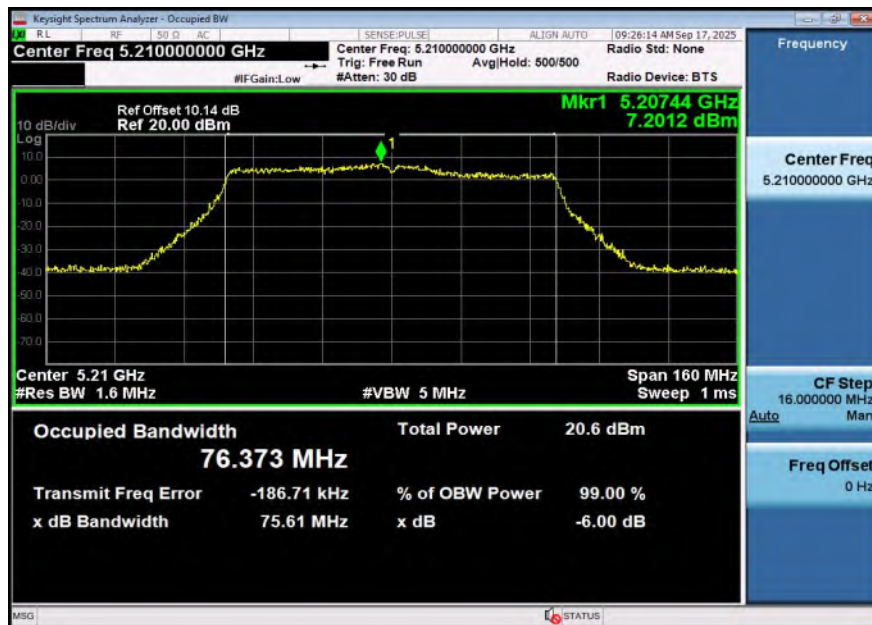


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC40SISO-Ant1-5795

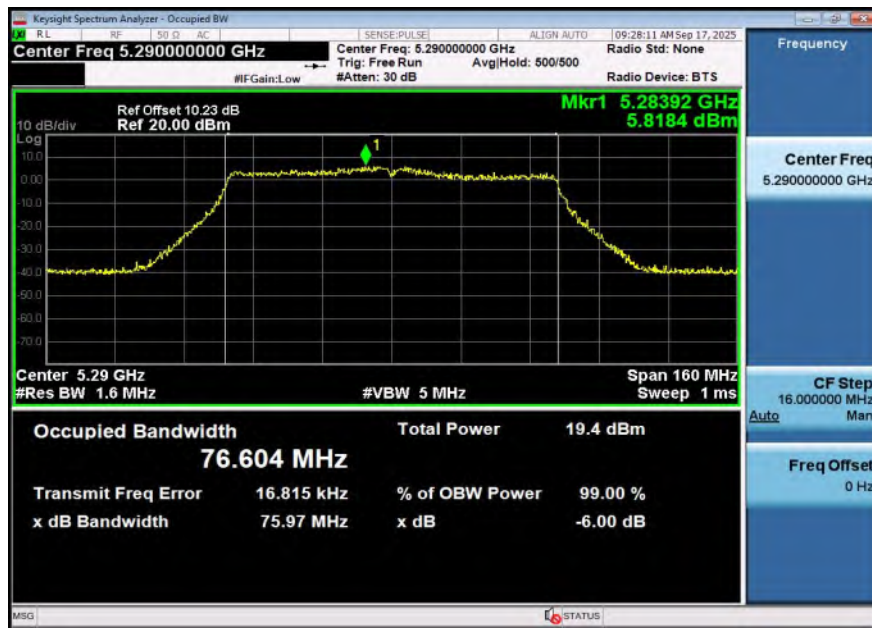


11AC80SISO-Ant1-5210



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC80SISO-Ant1-5290

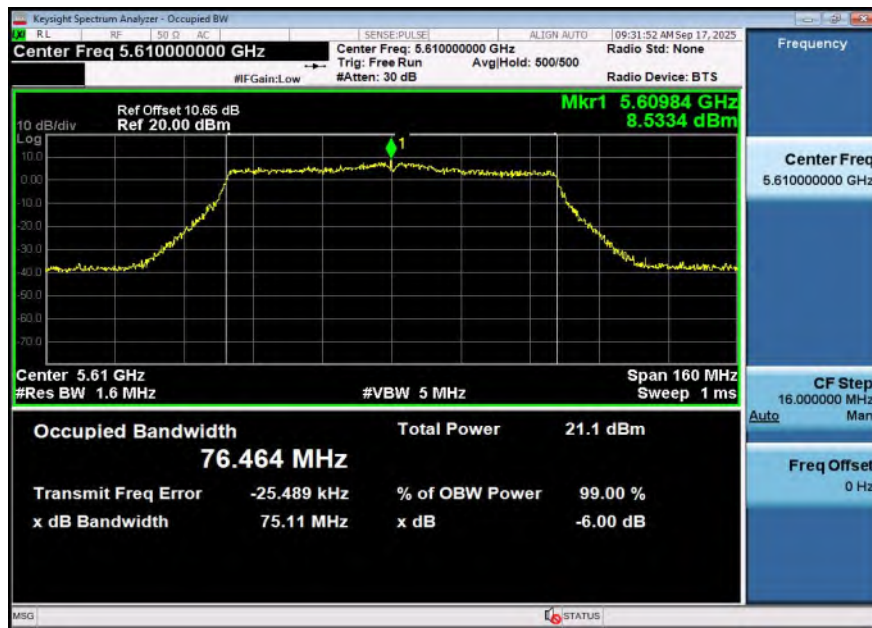


11AC80SISO-Ant1-5530

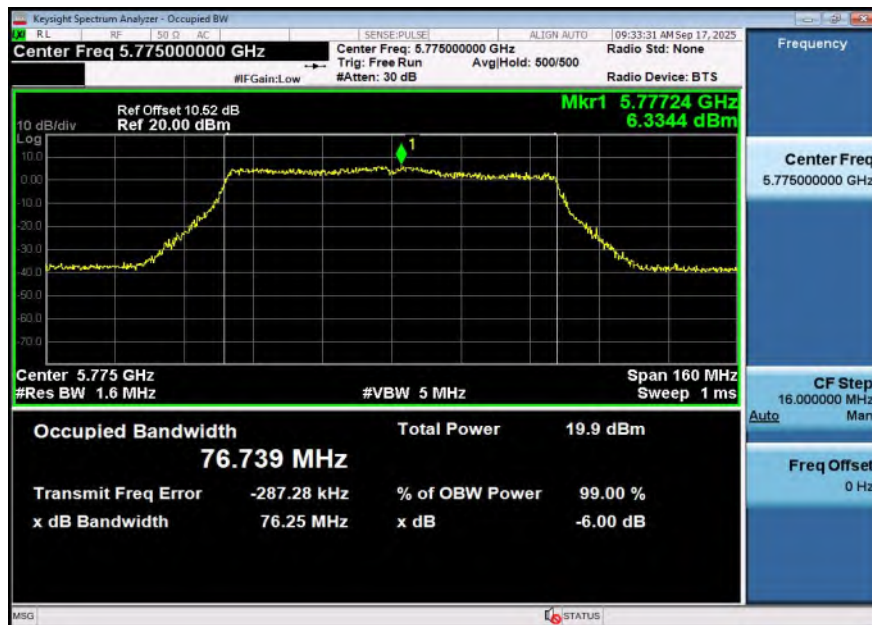


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AC80SISO-Ant1-5610

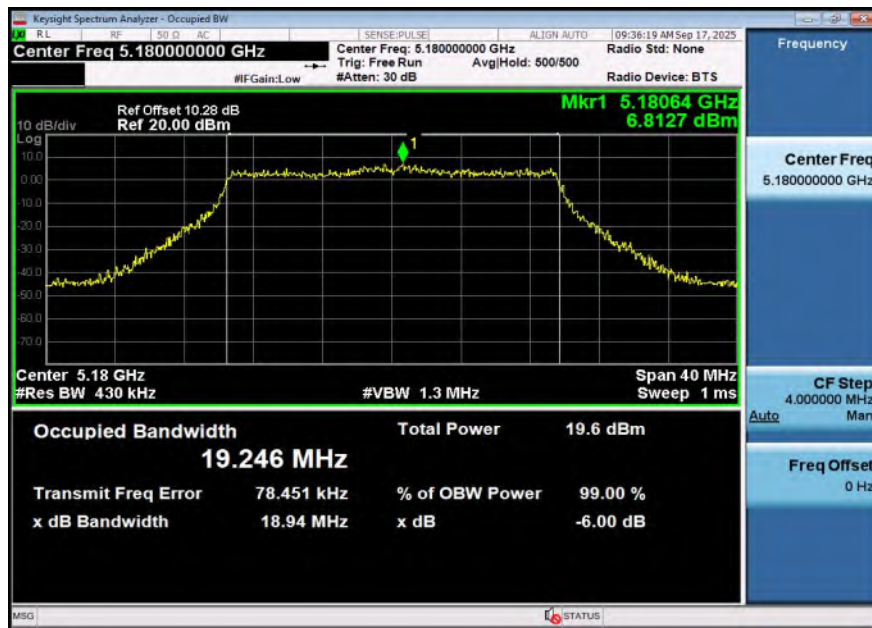


11AC80SISO-Ant1-5775

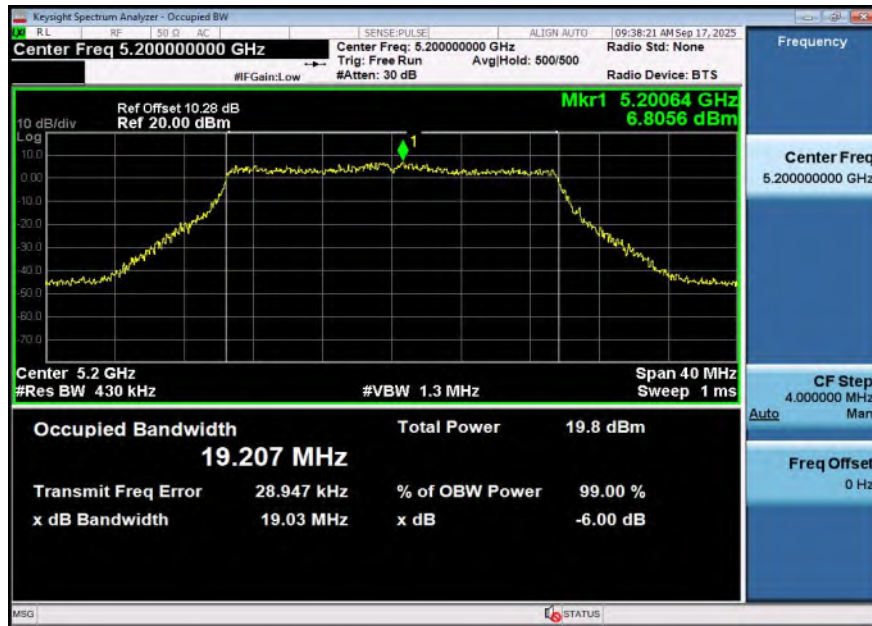


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX20SISO-Ant1-5180

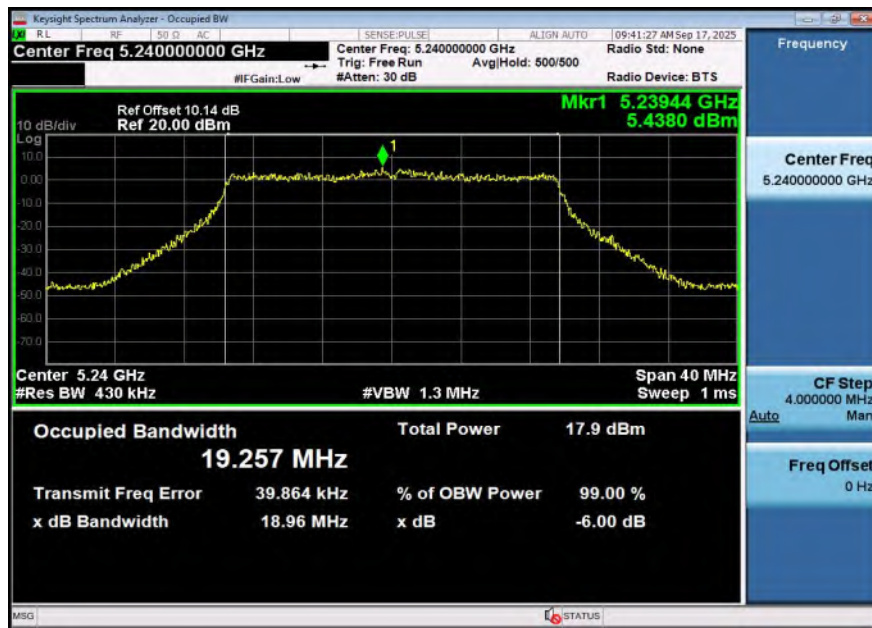


11AX20SISO-Ant1-5200



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX20SISO-Ant1-5240



11AX20SISO-Ant1-5260



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX20SISO-Ant1-5280

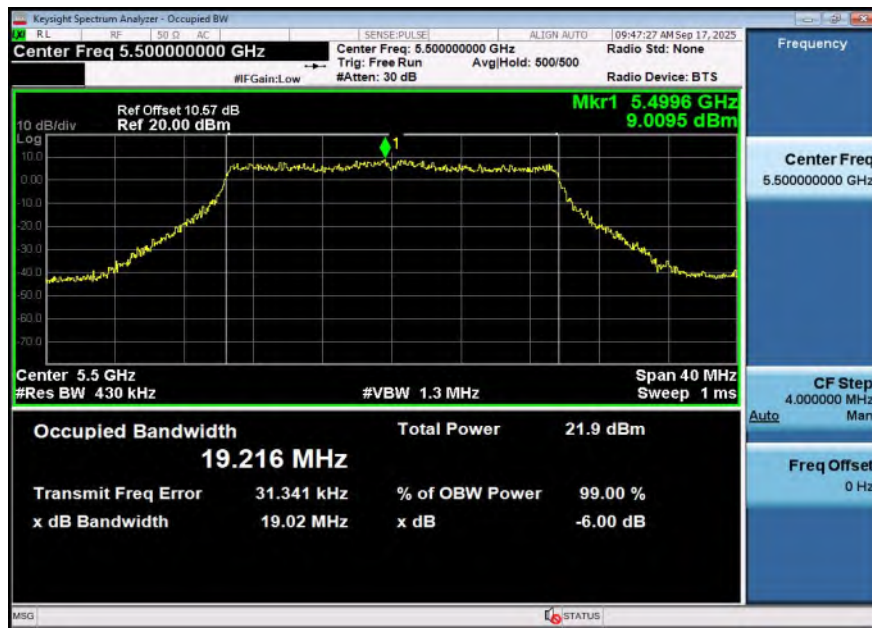


11AX20SISO-Ant1-5320



FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX20SISO-Ant1-5500

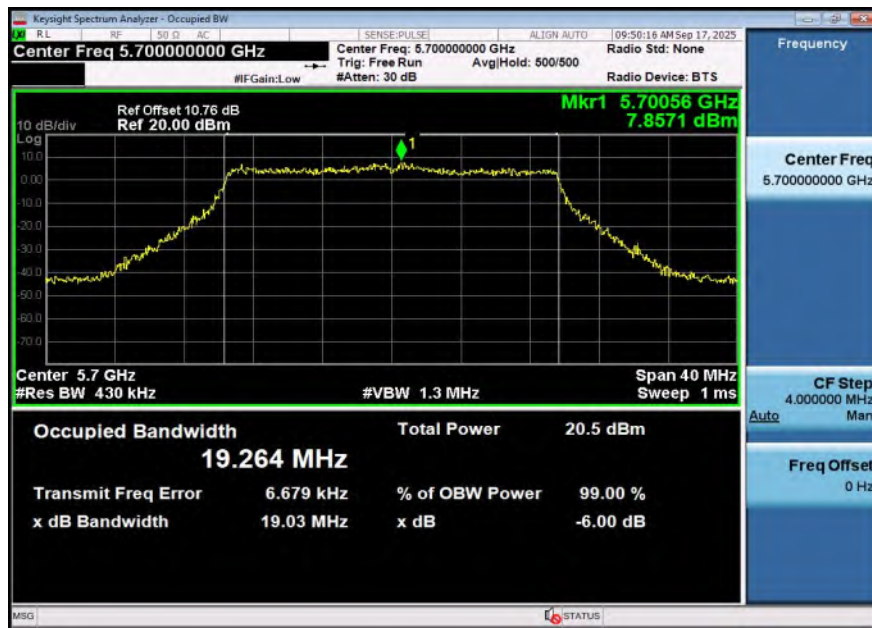


11AX20SISO-Ant1-5580

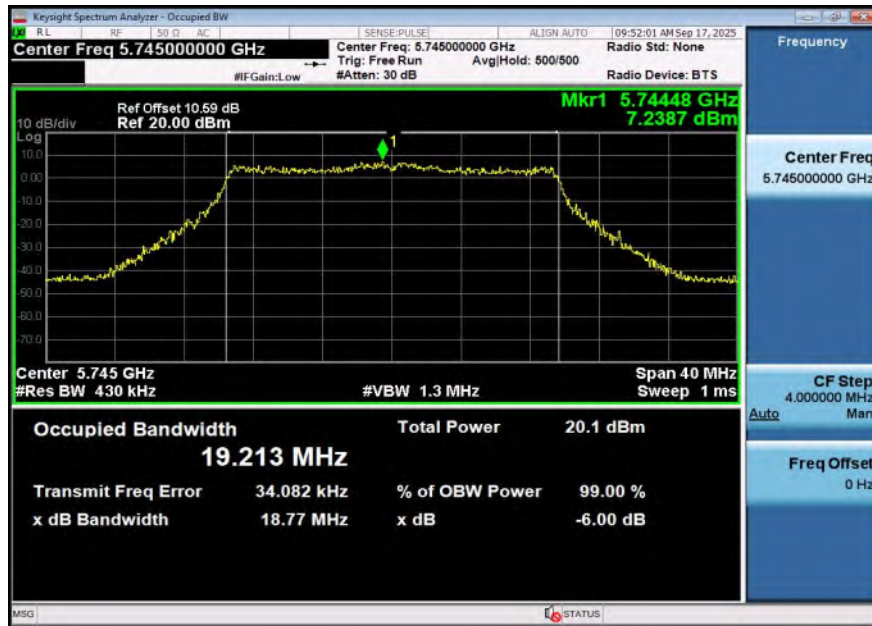


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX20SISO-Ant1-5700



11AX20SISO-Ant1-5745

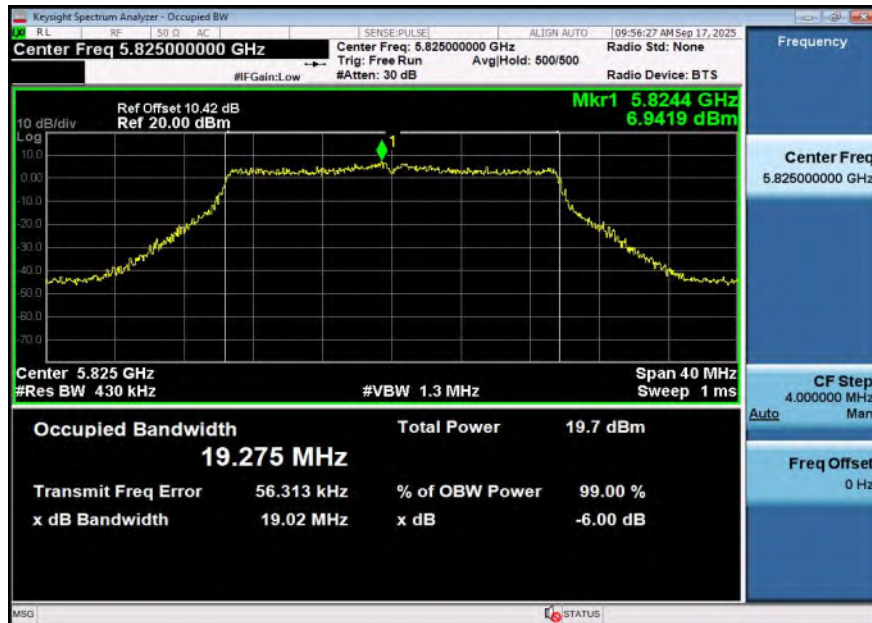


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX20SISO-Ant1-5785

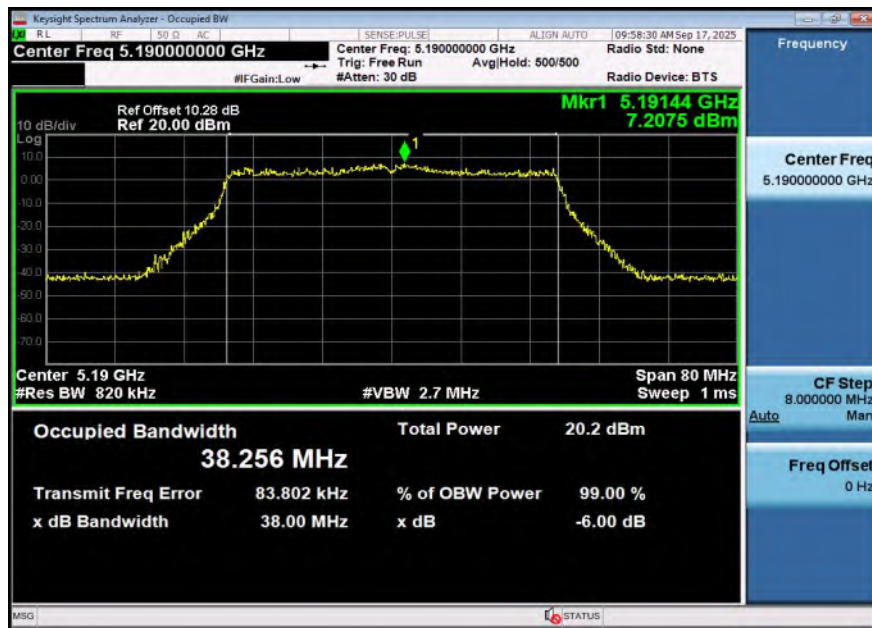


11AX20SISO-Ant1-5825

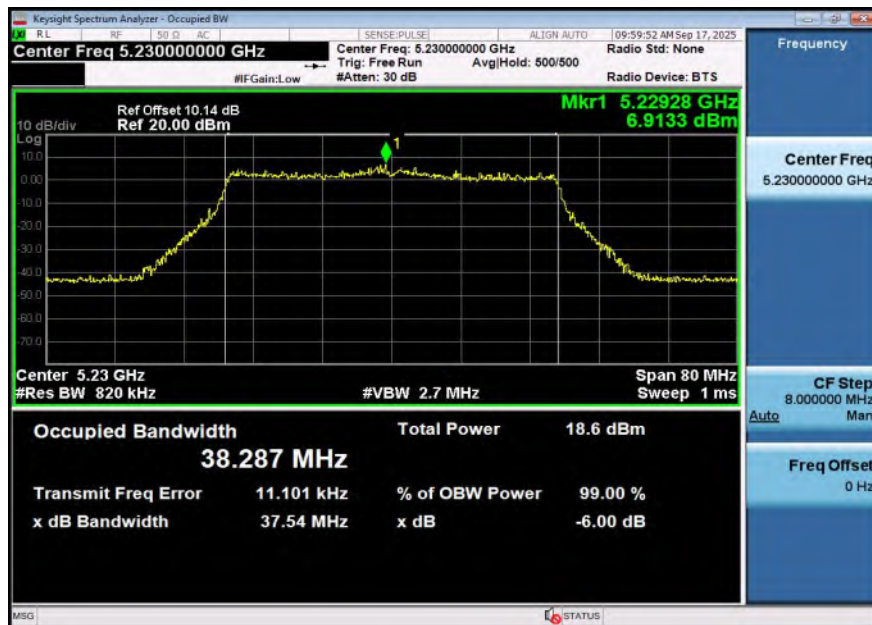


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX40SISO-Ant1-5190



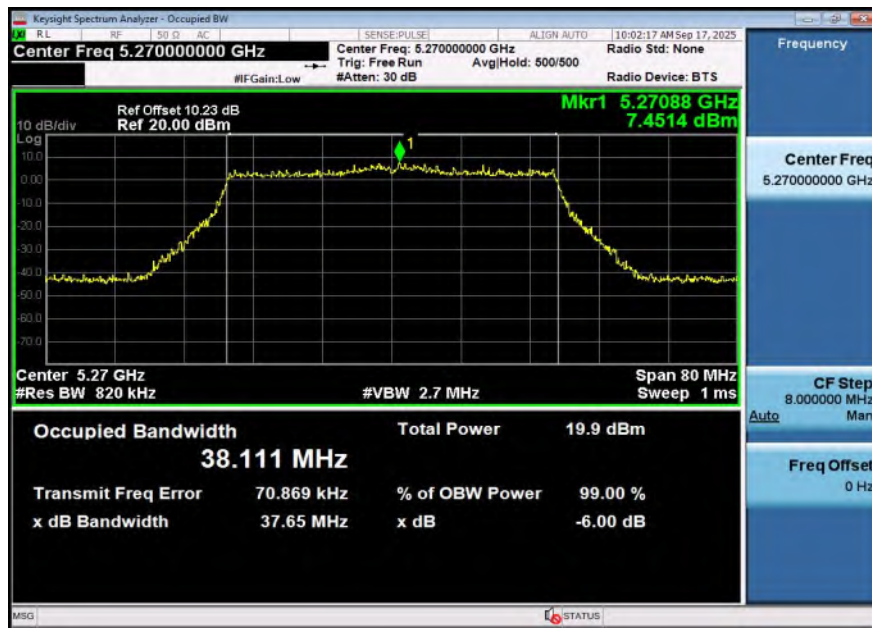
11AX40SISO-Ant1-5230



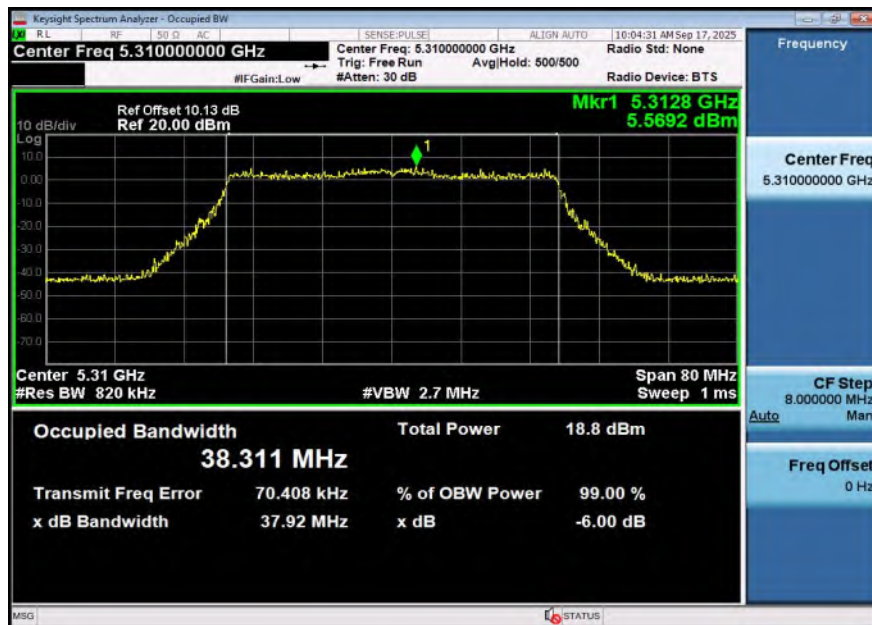
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX40SISO-Ant1-5270

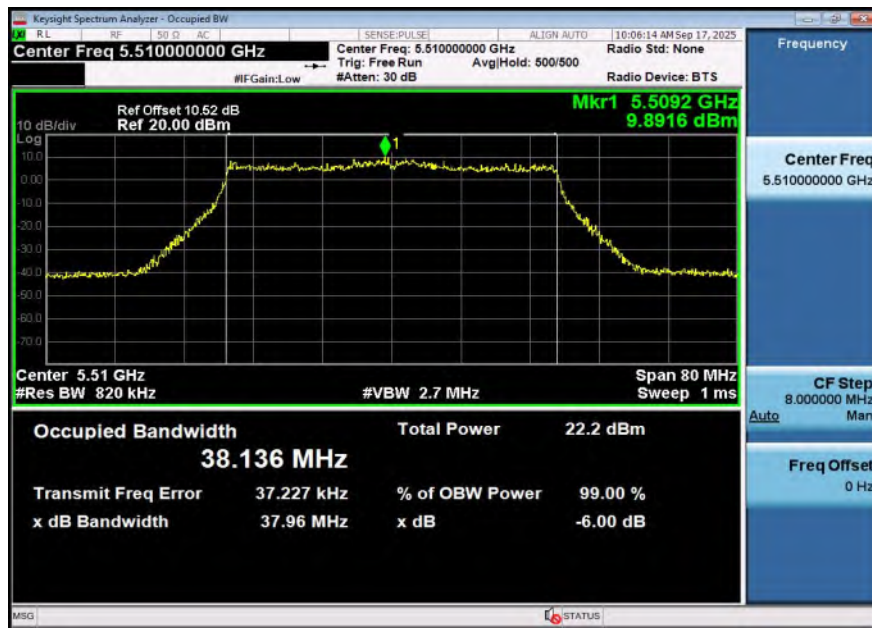


11AX40SISO-Ant1-5310

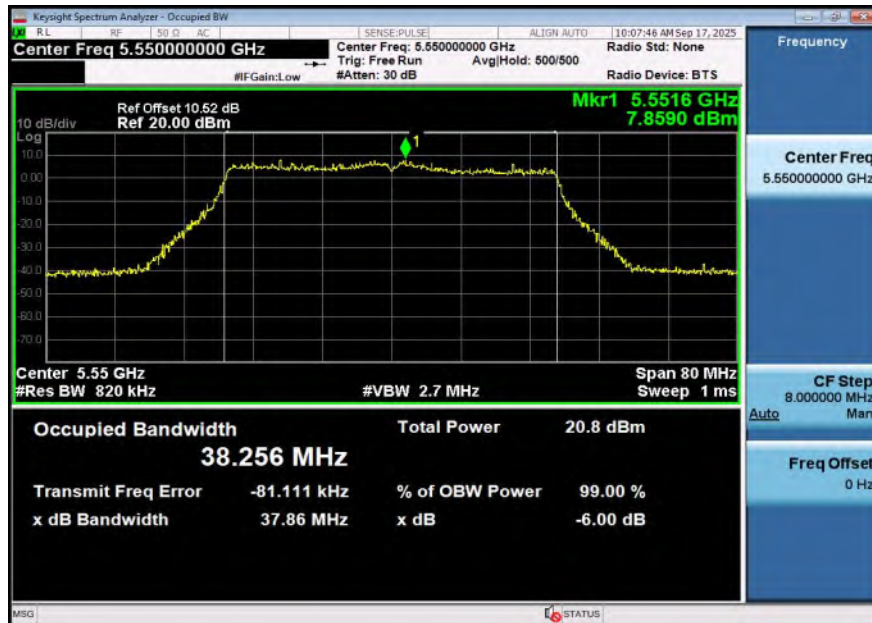


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX40SISO-Ant1-5510

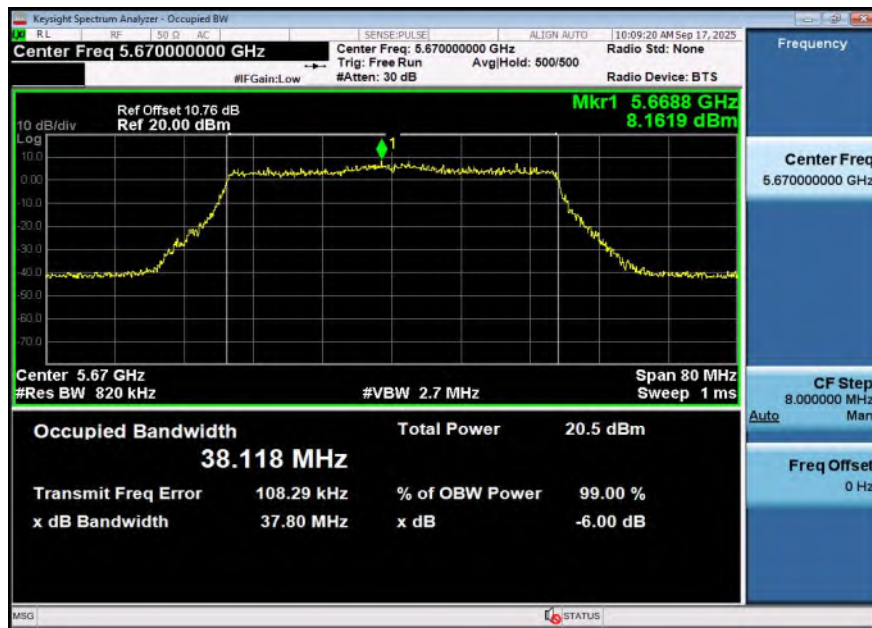


11AX40SISO-Ant1-5550

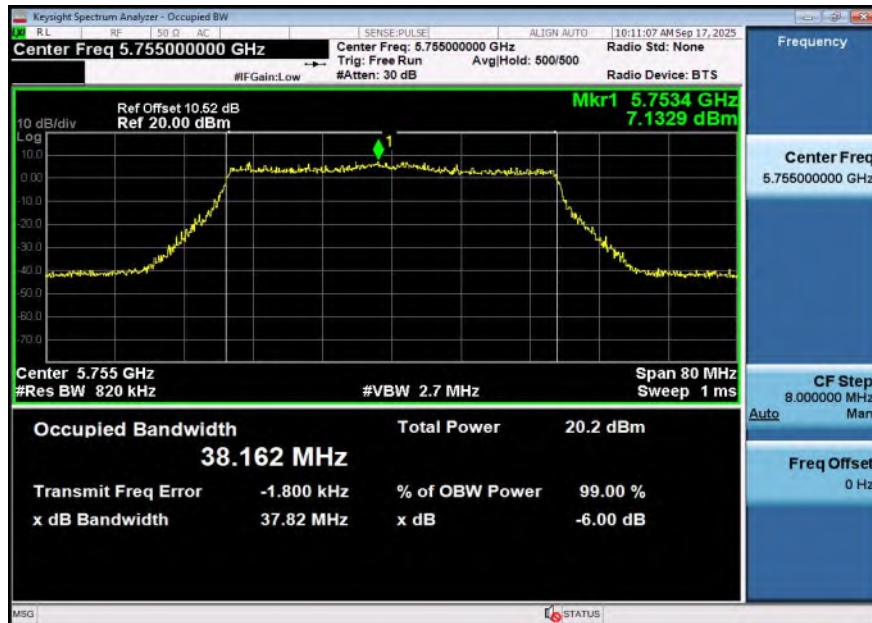


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX40SISO-Ant1-5670

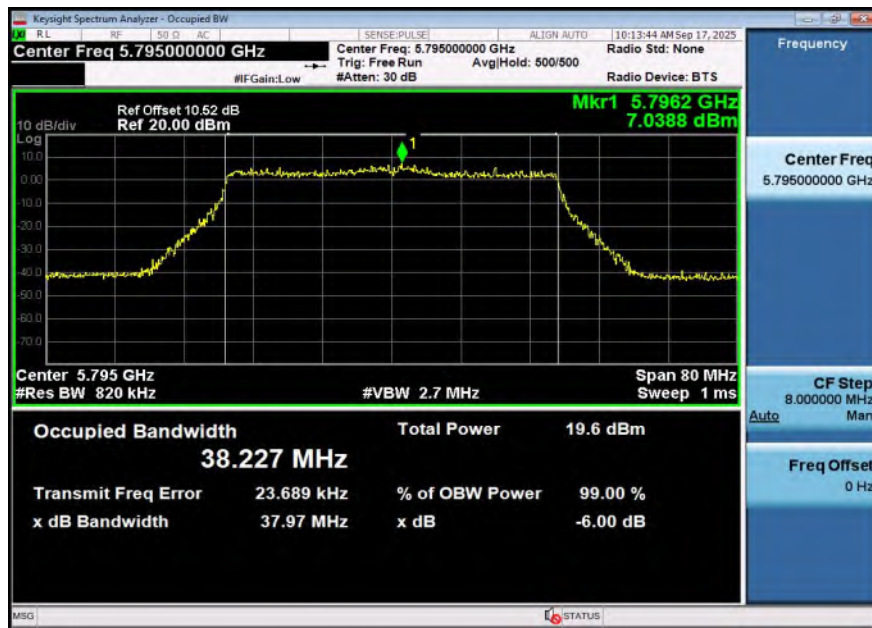


11AX40SISO-Ant1-5755

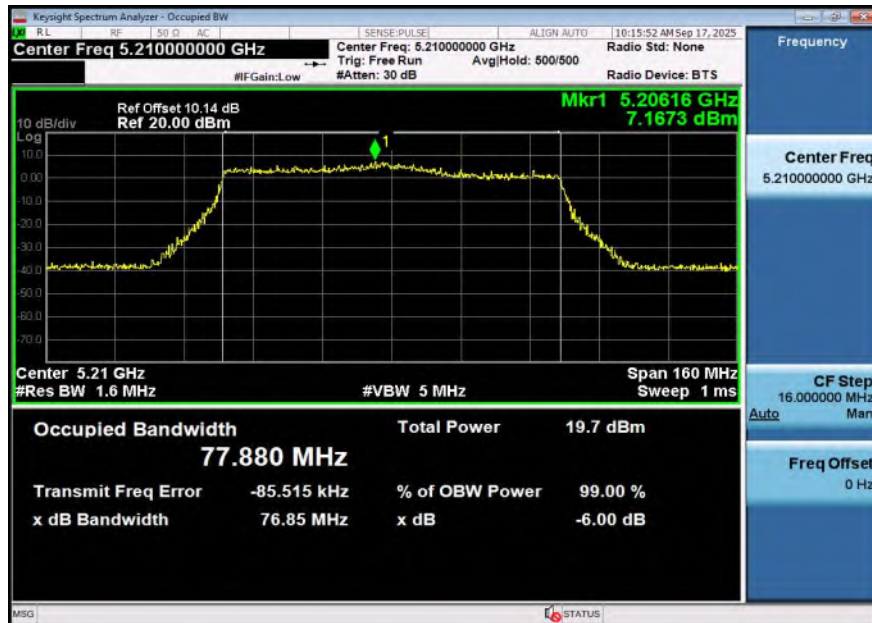


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX40SISO-Ant1-5795

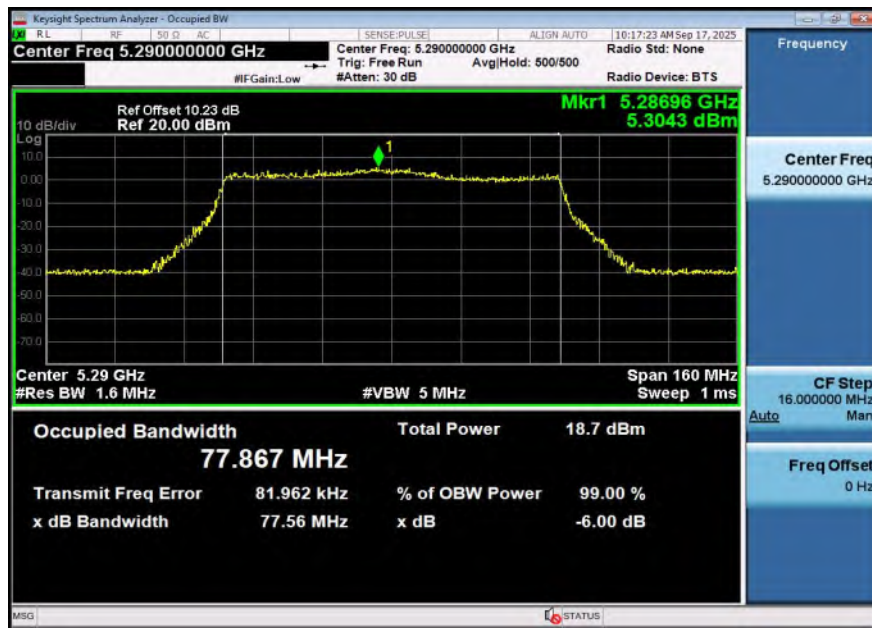


11AX80SISO-Ant1-5210

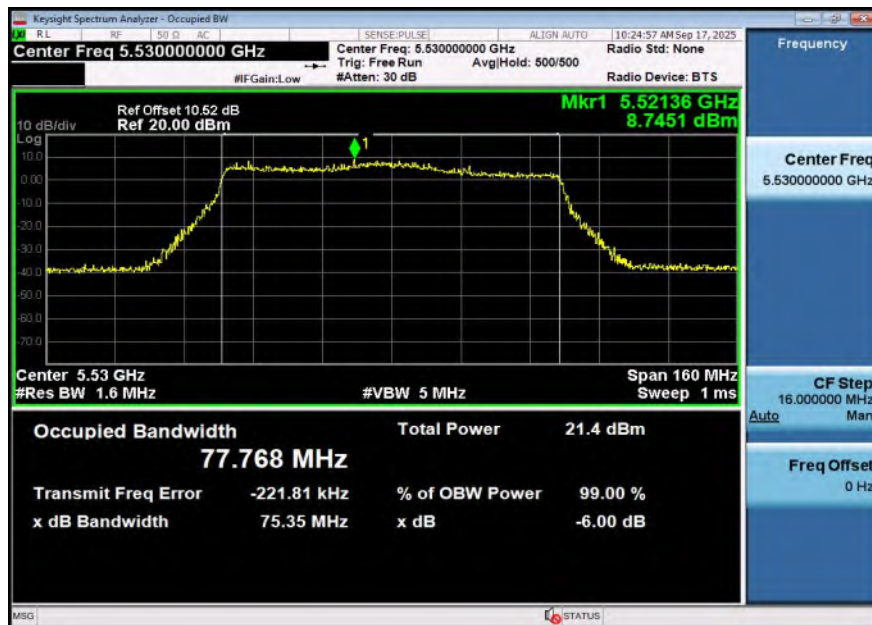


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX80SISO-Ant1-5290

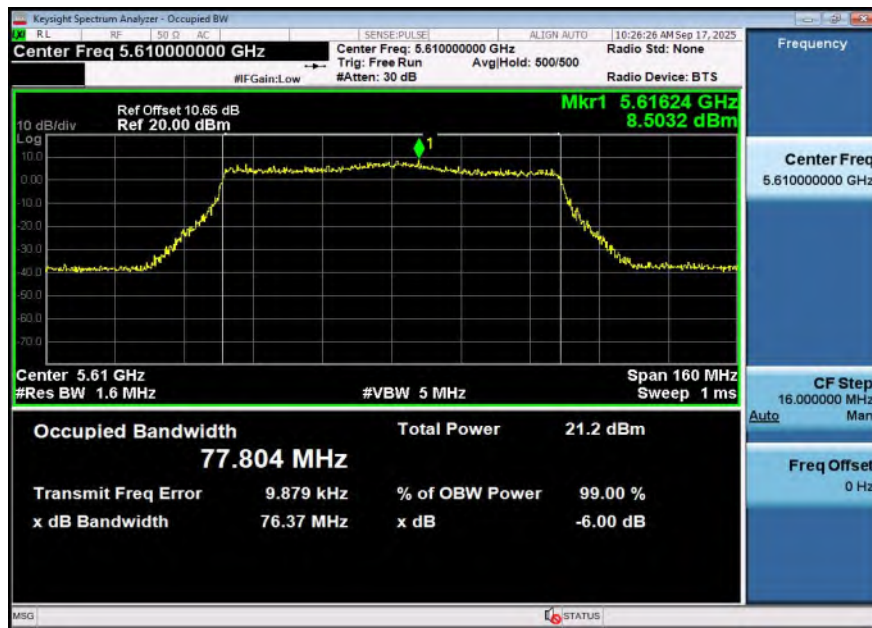


11AX80SISO-Ant1-5530

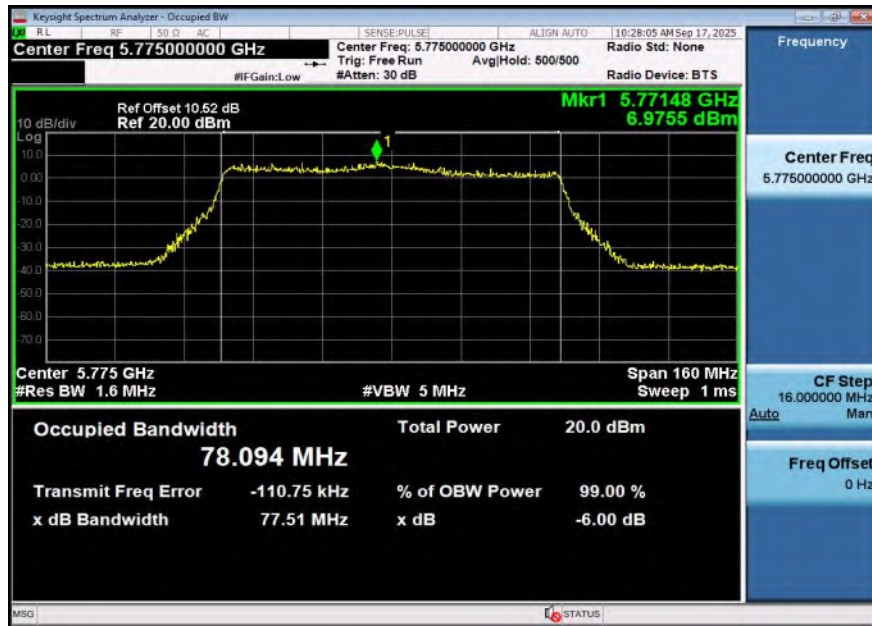


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX80SISO-Ant1-5610

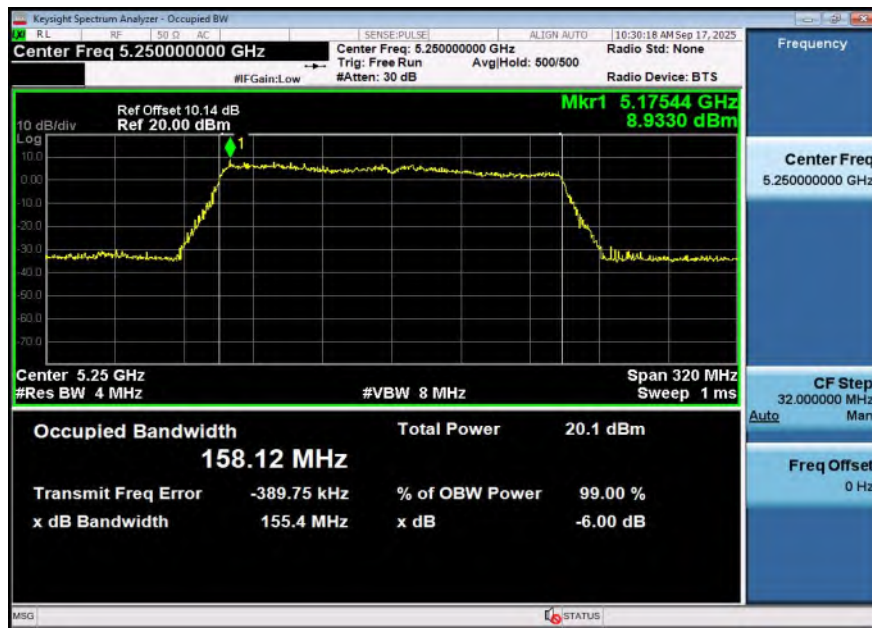


11AX80SISO-Ant1-5775

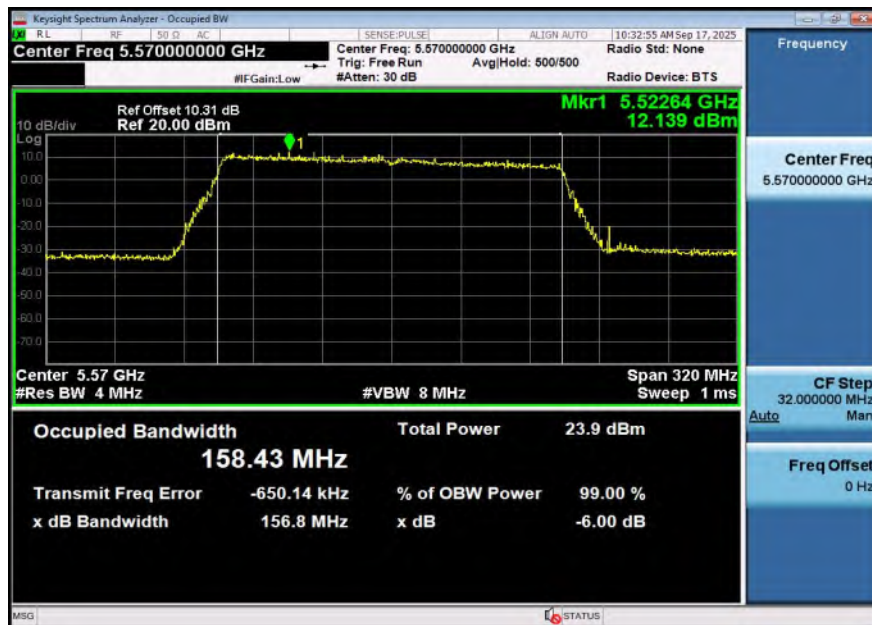


FCCID:2A22E-R-W72508

GRCTR250902028-02



11AX160SISO-Ant1-5250



11AX160SISO-Ant1-5570

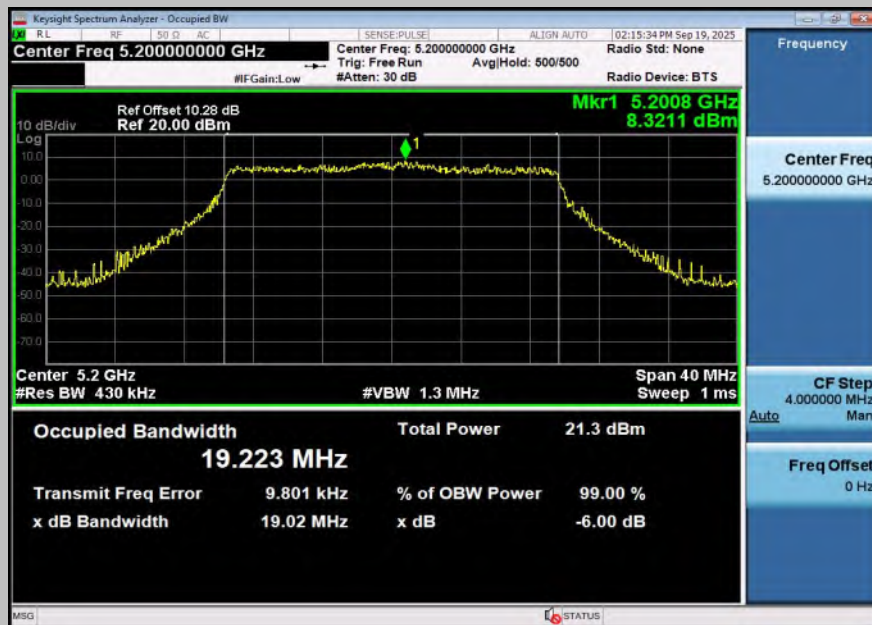


FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant1-5180



11BE20SISO-Ant1-5200



FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant1-5240



11BE20SISO-Ant1-5260



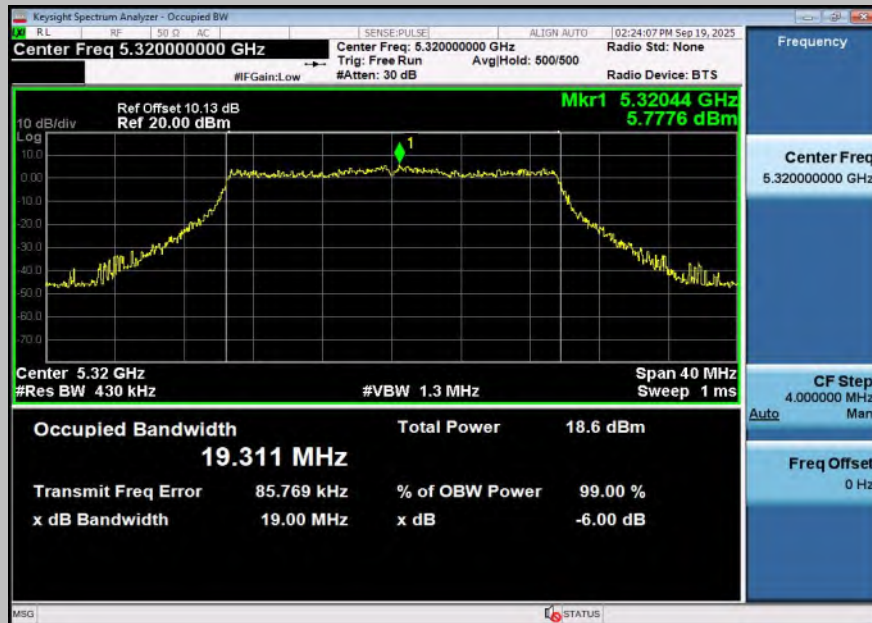
Shenzhen GUOREN Certification Technology Service Co., Ltd.
101#, Building K & Building T, The Second Industrial Zone, Jiazitang
Community, Fenghuang Street, Guangming District, Shenzhen, China

FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant1-5280

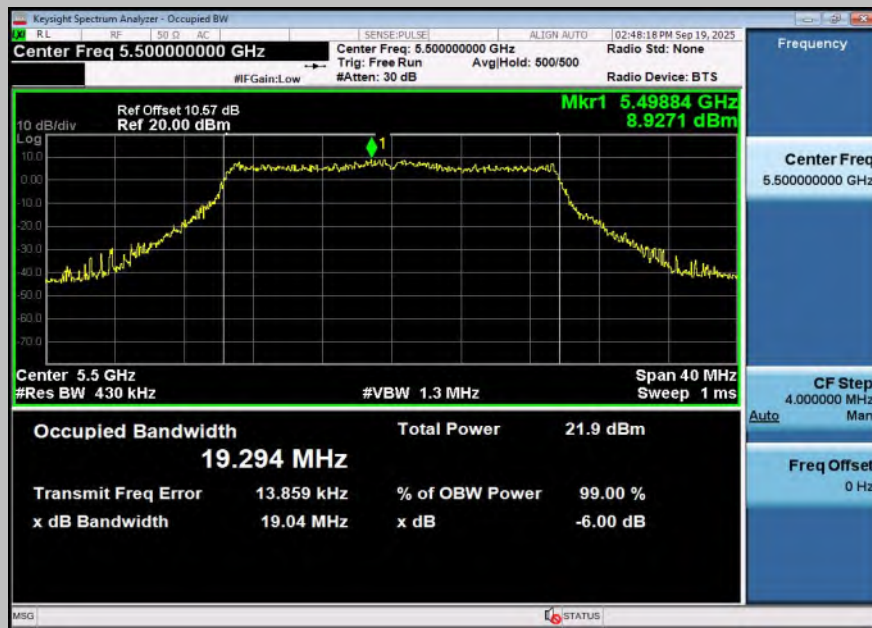


11BE20SISO-Ant1-5320

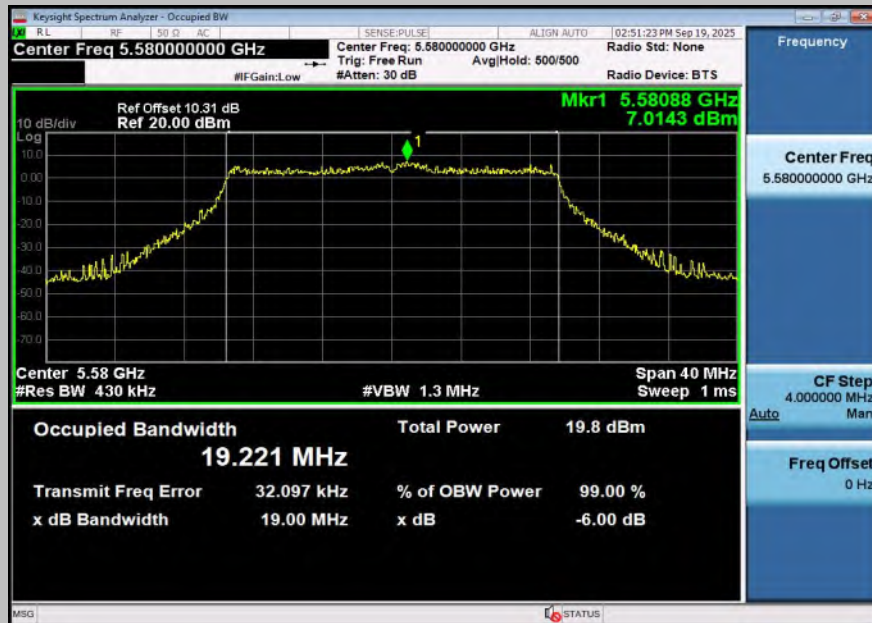


FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant1-5500

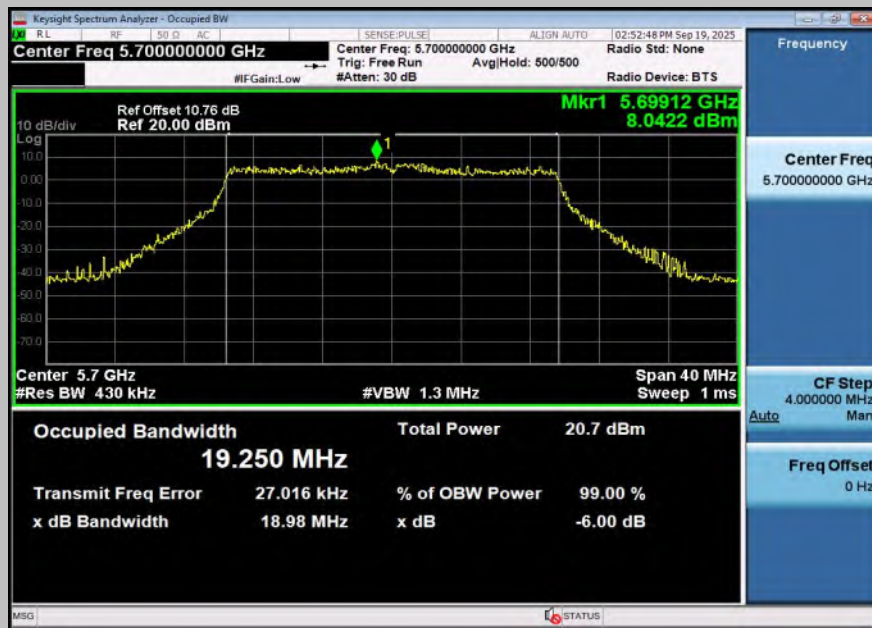


11BE20SISO-Ant1-5580

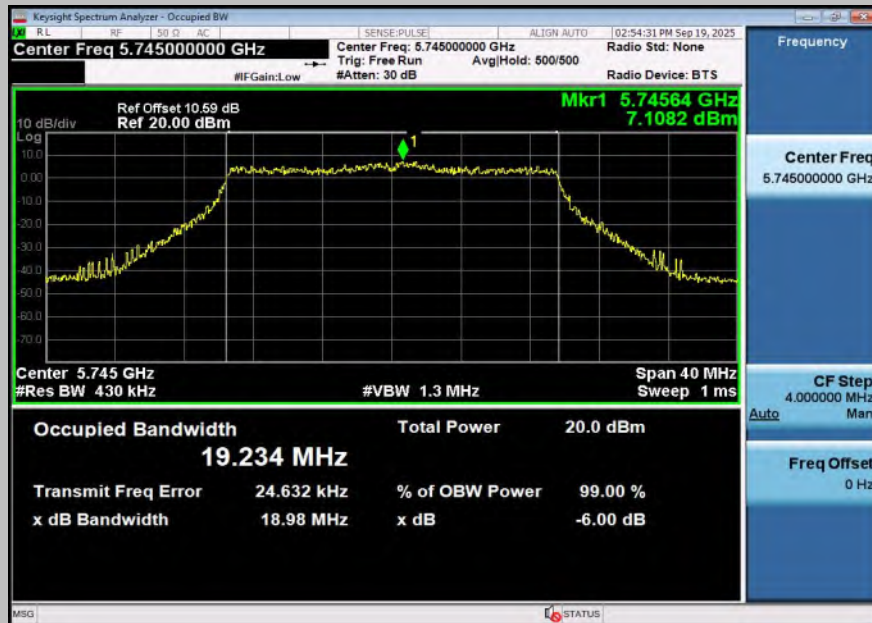


FCCID:2A22E-R-W72508

GRCTR250902028-02



11BE20SISO-Ant1-5700



11BE20SISO-Ant1-5745