Conducted Spurious Emission Test Method:

According to KBD789033 D02

1.The EUT was placed on 0.8m height table, the RF output of EUT was connected to the test receiver by RF cable. The path loss was compensated to the results for each measurement.

2.For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

a) Set RBW ≥ between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth)

b) Set VBW ≥ 3 RBW.

Limits:

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz. The 26 dB bandwidth may fall into the 5250-5350 MHz band; however, if the occupied bandwidth also falls within the 5250-5350 MHz band, the transmission is considered as intentional and the devices shall comply with all requirements in the band 5250-5350 MHz including implementing dynamic frequency selection (DFS) and TPC, on the portion of the emission that resides in the 5250-5350 MHz band.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed -27 dBm/MHz e.i.r.p.

For transmitters operating in the 5.725-5.85 GHz band: shall have e.i.r.p. of unwanted emissions comply with the following:

a) 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;

b) 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;

c) 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and

d) -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

Conducted Test Result:

TestMode	Antenna	Chanel Name	FreqRange(MHz)	Max. Fre(MHz)	Max. Level(dBm/MHz)	Limit(dBm/MHz)	Verdict
11A	Ant1	5180	30~5140	30~5140	-37.49	<=-27	PASS
			5360~40000	5360~40000	-44.02	<=-27	PASS
		5200	30~5140	30~5140	-37.16	<=-27	PASS
			5360~40000	5360~40000	-44.91	<=-27	PASS
		5240	30~5140	30~5140	-38.51	<=-27	PASS
			5360~40000	5360~40000	-40.12	<=-27	PASS
		5260	30~5140	30~5140	-39.49	<=-27	PASS
			5360~40000	5360~40000	-40.08	<=-27	PASS
		5280	30~5140	30~5140	-39.87	<=-27	PASS
			5360~40000	5360~40000	-41.05	<=-27	PASS
		5320	30~5140	30~5140	-42.68	<=-27	PASS
			5360~40000	5360~40000	-43.38	<=-27	PASS
		5500	30~5460	30~5460	-43.36	<=-27	PASS
			5735~40000	5735~40000	-42.32	<=-27	PASS
		5580	30~5460	30~5460	-44.12	<=-27	PASS
			5735~40000	5735~40000	-36.73	<=-27	PASS
		5700	30~5460	30~5460	-45.76	<=-27	PASS
			5735~40000	5735~40000	-37.51	<=-27	PASS
		5720	30~5460	30~5460	-44.75	<=-27	PASS
			5925~40000	5925~40000	-35.84	<=-27	PASS
		5745	30~5650	30~5650	-45.58	<=-27	PASS
			5925~40000	5925~40000	-38.15	<=-27	PASS
		5785	30~5650	30~5650	-44.95	<=-27	PASS
			5925~40000	5925~40000	-35.99	<=-27	PASS
		5825	30~5650	30~5650	-45.27	<=-27	PASS
			5925~40000	5925~40000	-34.75	<=-27	PASS
11N20SISO	Ant1	5180	30~5140	30~5140	-36.77	<=-27	PASS
			5360~40000	5360~40000	-45	<=-27	PASS
		5200	30~5140	30~5140	-36.62	<=-27	PASS
			5360~40000	5360~40000	-44.08	<=-27	PASS
		5240	30~5140	30~5140	-38.76	<=-27	PASS
			5360~40000	5360~40000	-39.95	<=-27	PASS
		5260	30~5140	30~5140	-39.14	<=-27	PASS
			5360~40000	5360~40000	-40.03	<=-27	PASS
		5280	30~5140	30~5140	-38.89	<=-27	PASS
			5360~40000	5360~40000	-43.02	<=-27	PASS
		5320	30~5140	30~5140	-41.3	<=-27	PASS
			5360~40000	5360~40000	-42.29	<=-27	PASS
		5500	30~5460	30~5460	-41.21	<=-27	PASS
			5735~40000	5735~40000	-39.91	<=-27	PASS
		5580	30~5460	30~5460	-43.03	<=-27	PASS
			5735~40000	5735~40000	-33.2	<=-27	PASS
		5700	30~5460	30~5460	-43.1	<=-27	PASS
			5735~40000	5735~40000	-35.87	<=-27	PASS

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

		5720	30~5460	30~5460	-45.09	<=-27	PASS
			5925~40000	5925~40000	-35.29	<=-27	PASS
		5745	30~5650	30~5650	-44.05	<=-27	PASS
			5925~40000	5925~40000	-37.56	<=-27	PASS
		5785	30~5650	30~5650	-45.4	<=-27	PASS
			5925~40000	5925~40000	-33.45	<=-27	PASS
		5825	30~5650	30~5650	-44.54	<=-27	PASS
			5925~40000	5925~40000	-34.49	<=-27	PASS
11N40SISO	Ant1	5190	30~5140	30~5140	-31.57	<=-27	PASS
			5360~40000	5360~40000	-46.83	<=-27	PASS
		5230	30~5140	30~5140	-39.36	<=-27	PASS
			5360~40000	5360~40000	-45.58	<=-27	PASS
		5270	30~5140	30~5140	-43.11	<=-27	PASS
			5360~40000	5360~40000	-43.77	<=-27	PASS
		5310	30~5140	30~5140	-43.08	<=-27	PASS
			5360~40000	5360~40000	-33.85	<=-27	PASS
		5510	30~5460	30~5460	-34.93	<=-27	PASS
			5735~40000	5735~40000	-44.7	<=-27	PASS
		5550	30~5460	30~5460	-44.5	<=-27	PASS
			5735~40000	5735~40000	-44.91	<=-27	PASS
		5670	30~5460	30~5460	-46.5	<=-27	PASS
			5735~40000	5735~40000	-40.37	<=-27	PASS
		5710	30~5460	30~5460	-48.14	<=-27	PASS
			5925~40000	5925~40000	-38.45	<=-27	PASS
		5755	30~5650	30~5650	-46.93	<=-27	PASS
			5925~40000	5925~40000	-40.36	<=-27	PASS
		5795	30~5650	30~5650	-47.64	<=-27	PASS
			5925~40000	5925~40000	-38.93	<=-27	PASS
11AC20SISO	Ant1	5180	30~5140	30~5140	-36.37	<=-27	PASS
			5360~40000	5360~40000	-41.41	<=-27	PASS
		5200	30~5140	30~5140	-37.3	<=-27	PASS
			5360~40000	5360~40000	-43.24	<=-27	PASS
		5240	30~5140	30~5140	-37.63	<=-27	PASS
			5360~40000	5360~40000	-40.78	<=-27	PASS
		5260	30~5140	30~5140	-38.25	<=-27	PASS
			5360~40000	5360~40000	-38.25	<=-27	PASS
		5280	30~5140	30~5140	-39.12	<=-27	PASS
			5360~40000	5360~40000	-41.87	<=-27	PASS
		5320	30~5140	30~5140	-41.46	<=-27	PASS
			5360~40000	5360~40000	-41.48	<=-27	PASS
		5500	30~5460	30~5460	-42.26	<=-27	PASS
			5735~40000	5735~40000	-37.21	<=-27	PASS
		5580	30~5460	30~5460	-44.83	<=-27	PASS
			5735~40000	5735~40000	-37.41	<=-27	PASS
		5700	30~5460	30~5460	-46.11	<=-27	PASS
			5735~40000	5735~40000	-34.11	<=-27	PASS
		5720	30~5460	30~5460	-45.35	<=-27	PASS
			5925~40000	5925~40000	-34.08	<=-27	PASS

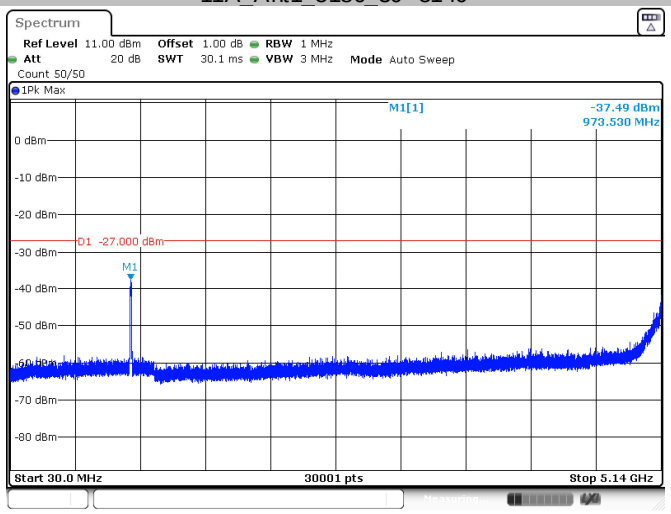
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

		5745	30~5650	30~5650	-43.87	<=-27	PASS
			5925~40000	5925~40000	-37.39	<=-27	PASS
		5785	30~5650	30~5650	-43.74	<=-27	PASS
			5925~40000	5925~40000	-35.02	<=-27	PASS
		5825	30~5650	30~5650	-44.79	<=-27	PASS
			5925~40000	5925~40000	-31.1	<=-27	PASS
11AC40SISO	Ant1	5190	30~5140	30~5140	-31.62	<=-27	PASS
			5360~40000	5360~40000	-45.16	<=-27	PASS
		5230	30~5140	30~5140	-40.53	<=-27	PASS
			5360~40000	5360~40000	-44.47	<=-27	PASS
		5270	30~5140	30~5140	-40.94	<=-27	PASS
			5360~40000	5360~40000	-40.4	<=-27	PASS
		5310	30~5140	30~5140	-42.35	<=-27	PASS
			5360~40000	5360~40000	-35.26	<=-27	PASS
		5510	30~5460	30~5460	-34.11	<=-27	PASS
			5735~40000	5735~40000	-43.69	<=-27	PASS
		5550	30~5460	30~5460	-44.56	<=-27	PASS
			5735~40000	5735~40000	-44.1	<=-27	PASS
		5670	30~5460	30~5460	-46.65	<=-27	PASS
			5735~40000	5735~40000	-40.61	<=-27	PASS
		5710	30~5460	30~5460	-46.56	<=-27	PASS
			5925~40000	5925~40000	-38.2	<=-27	PASS
		5755	30~5650	30~5650	-46.48	<=-27	PASS
			5925~40000	5925~40000	-40.76	<=-27	PASS
		5795	30~5650	30~5650	-46.69	<=-27	PASS
			5925~40000	5925~40000	-38.13	<=-27	PASS
11AC80SISO	Ant1	5210	30~5140	30~5140	-38.83	<=-27	PASS
			5360~40000	5360~40000	-47.55	<=-27	PASS
		5290	30~5140	30~5140	-46.96	<=-27	PASS
			5360~40000	5360~40000	-28.58	<=-27	PASS
		5530	30~5460	30~5460	-32.19	<=-27	PASS
			5735~40000	5735~40000	-47.53	<=-27	PASS
		5690	30~5460	30~5460	-44.67	<=-27	PASS
			5925~40000	5925~40000	-44.52	<=-27	PASS
		5775	30~5650	30~5650	-44.12	<=-27	PASS
			5925~40000	5925~40000	-45.79	<=-27	PASS

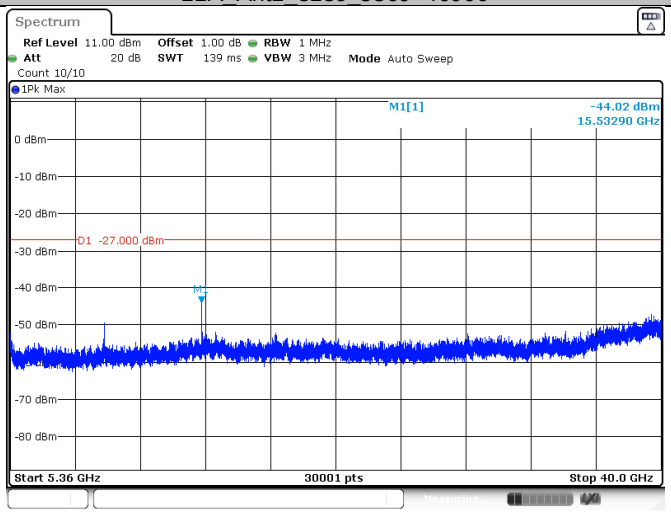
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 88285299

Test Graphs

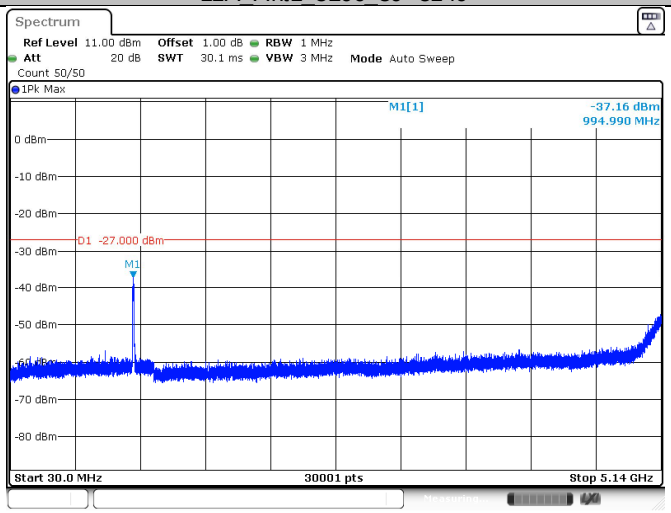
11A_Ant1_5180_30~5140



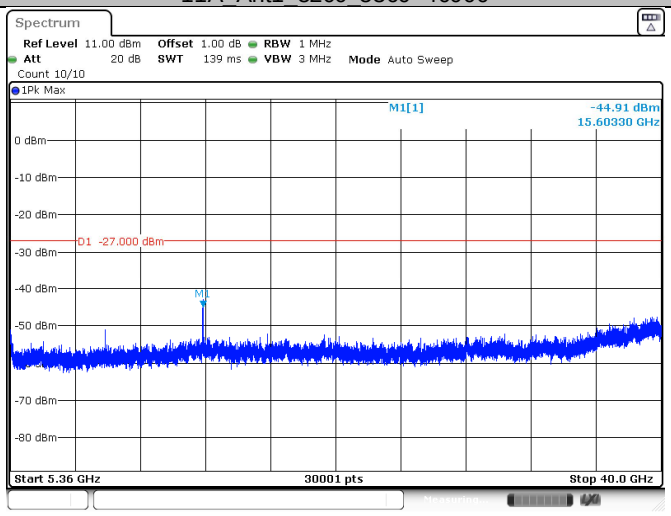
11A_Ant1_5180_5360~40000



11A_Ant1_5200_30~5140

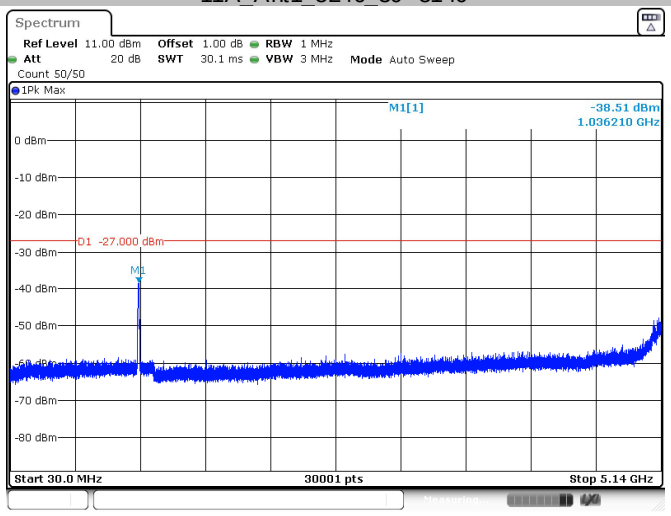


11A_Ant1_5200_5360~40000



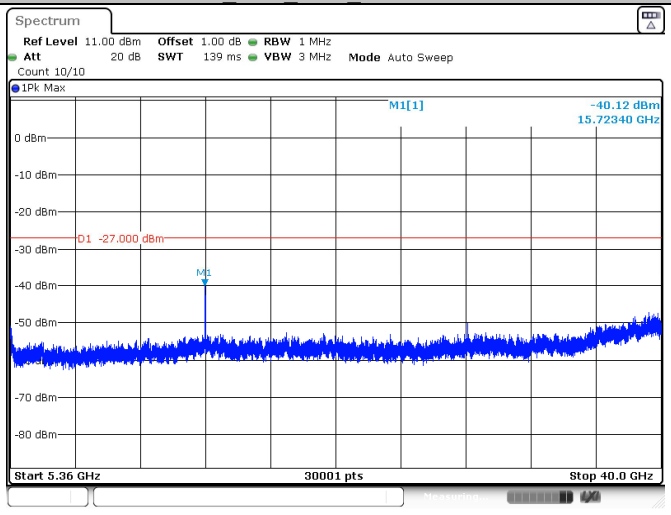
Date: 13.JUL.2022 17:15:05

11A_Ant1_5240_30~5140



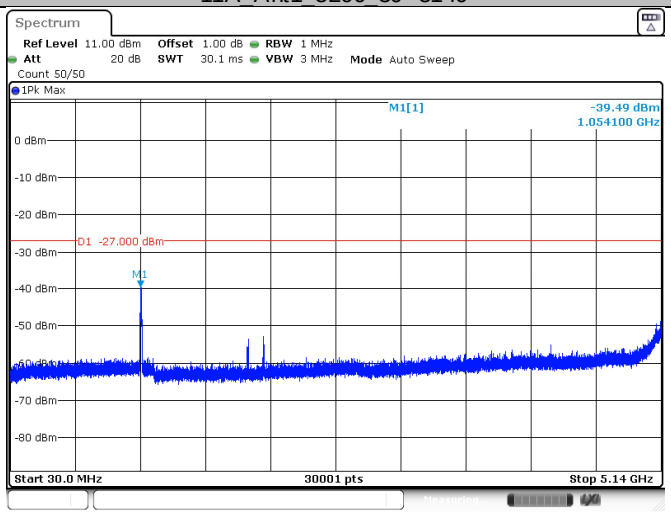
Date: 13.JUL.2022 17:18:00

11A_Ant1_5240_5360~40000

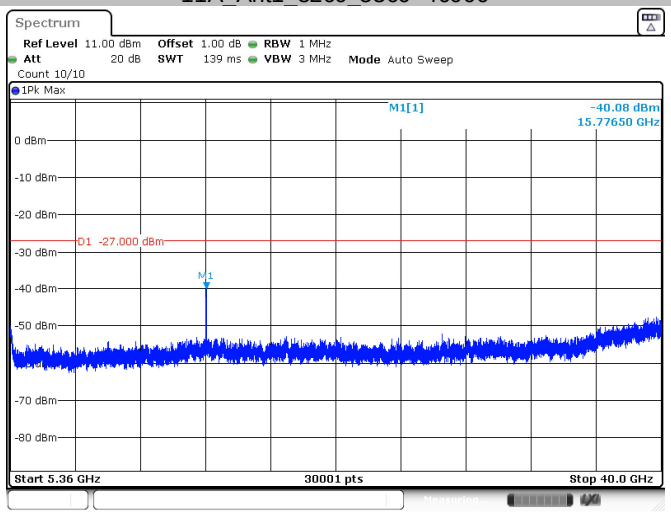


Date: 13.JUL.2022 17:18:05

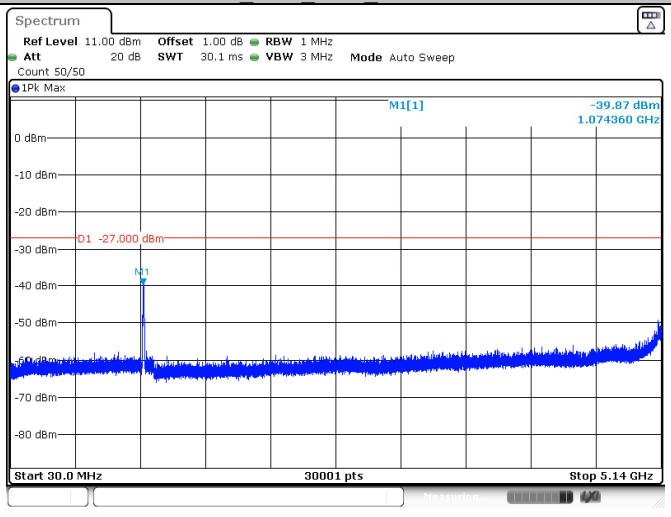
11A_Ant1_5260_30~5140



11A_Ant1_5260_5360~40000

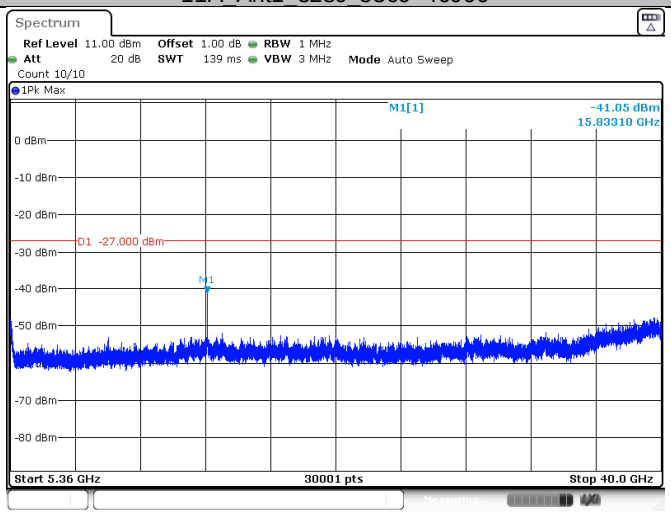


11A_Ant1_5280_30~5140

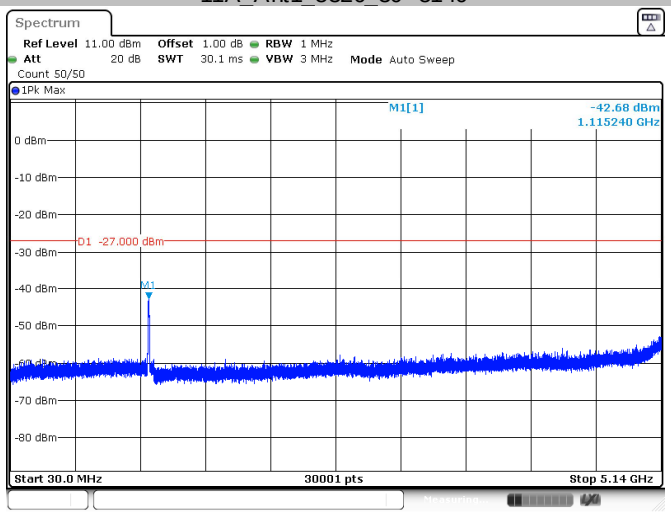


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhihengwisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

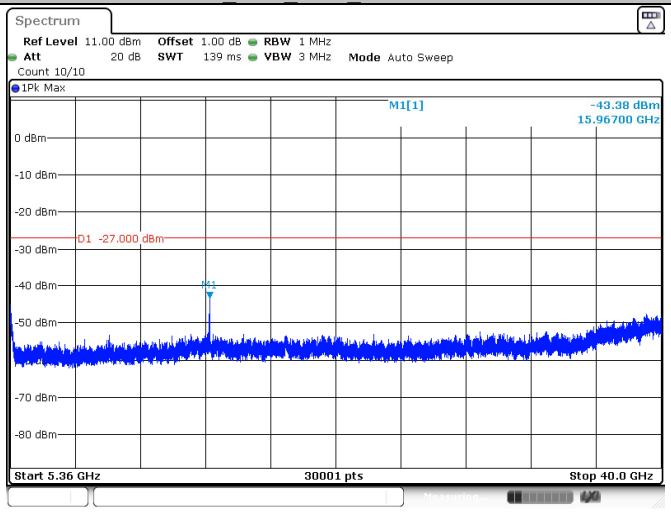
11A_Ant1_5280_5360~40000



11A_Ant1_5320_30~5140

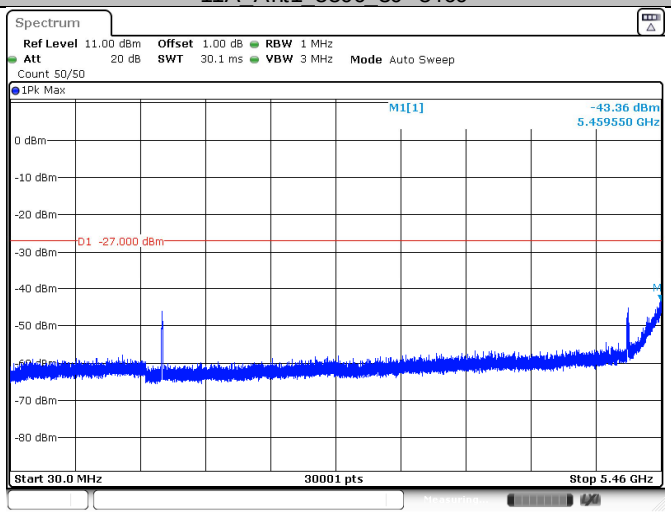


11A_Ant1_5320_5360~40000

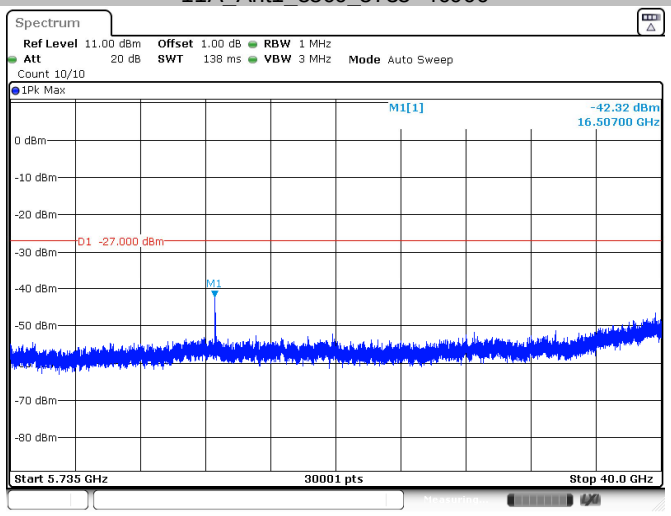


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhihengwisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

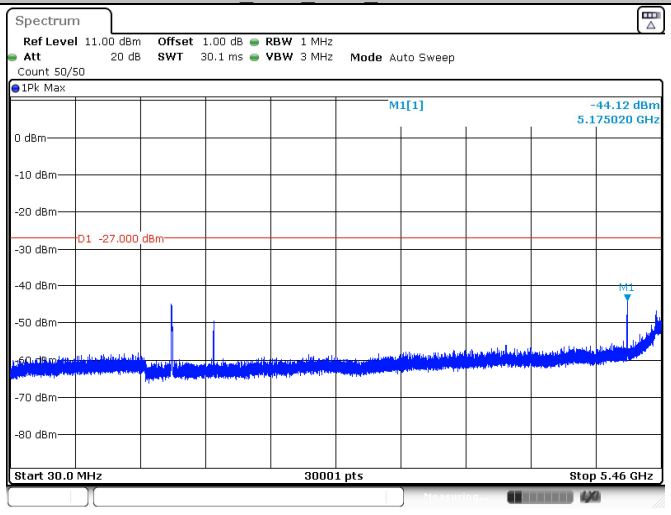
11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~40000

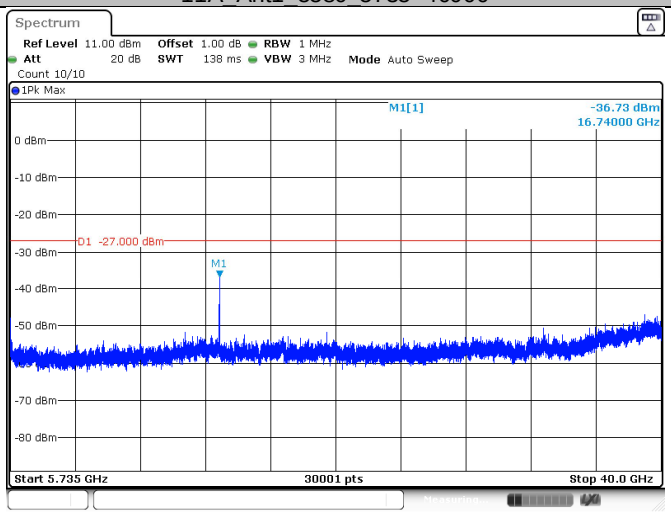


11A_Ant1_5580_30~5460

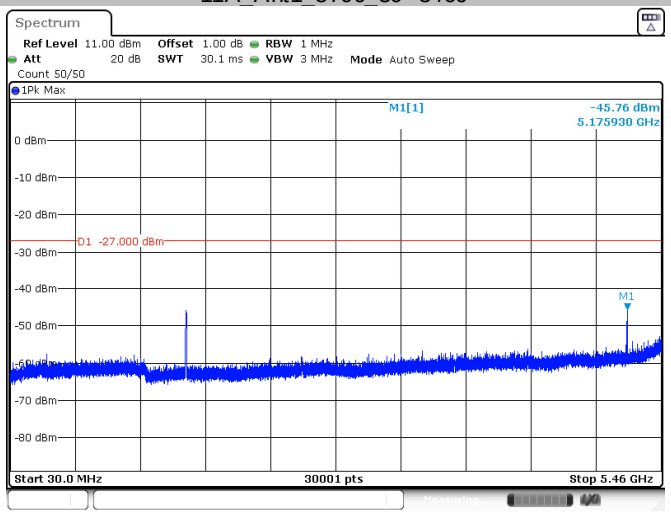


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

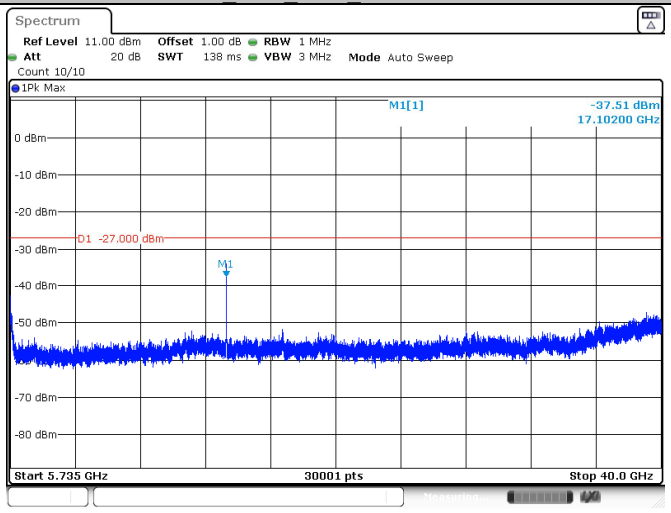
11A_Ant1_5580_5735~40000



11A_Ant1_5700_30~5460

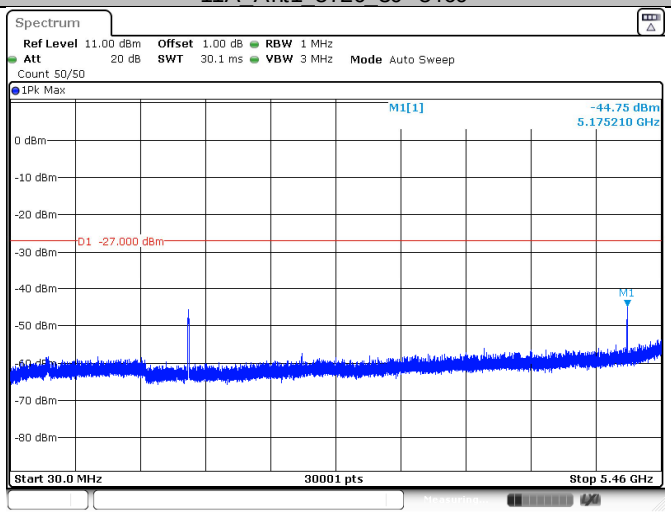


11A_Ant1_5700_5735~40000

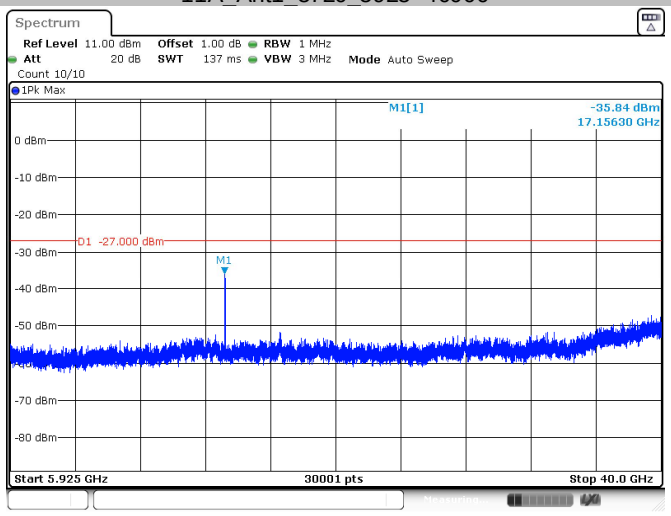


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

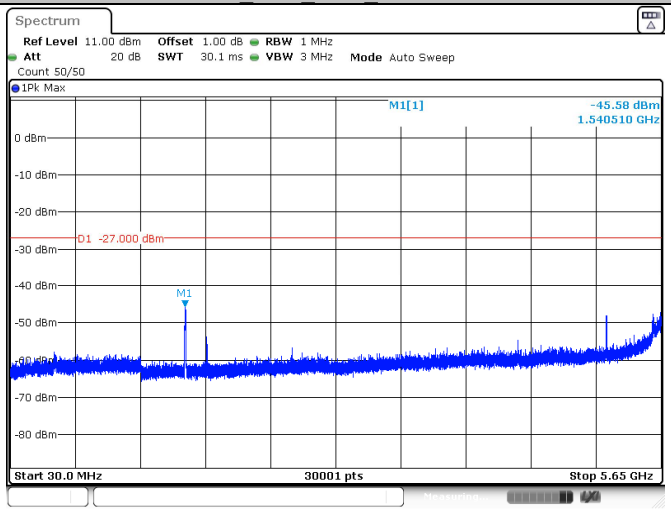
11A_Ant1_5720_30~5460



11A_Ant1_5720_5925~40000

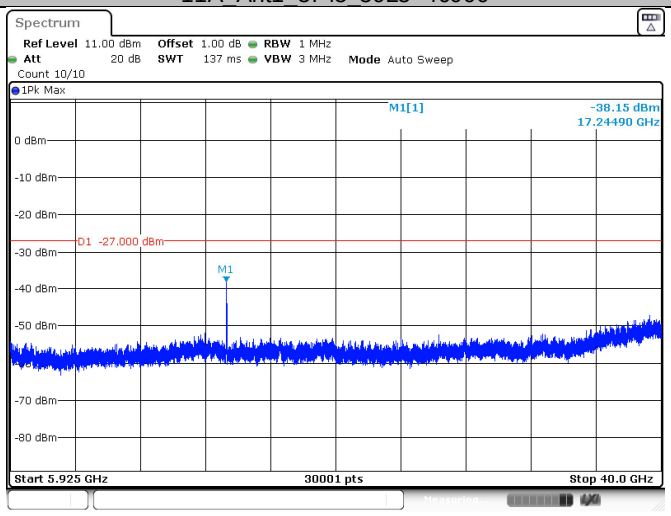


11A_Ant1_5745_30~5650



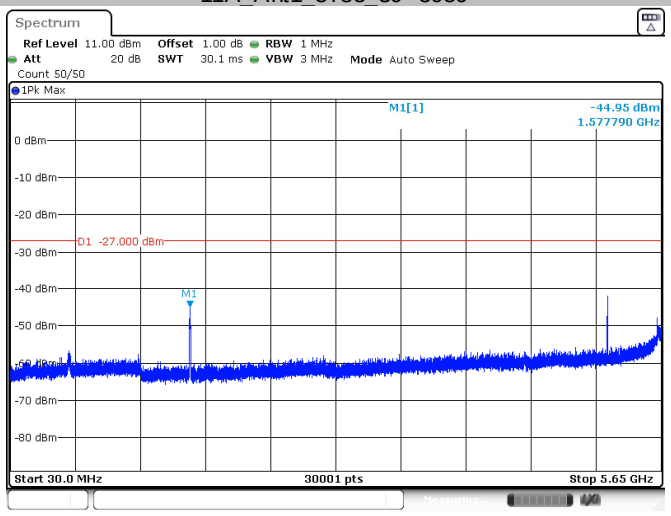
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

11A_Ant1_5745_5925~40000



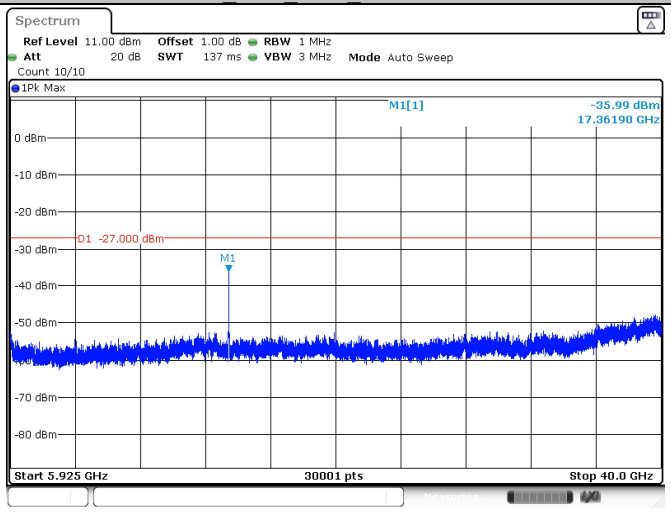
Date: 13.JUL.2022 17:37:52

11A_Ant1_5785_30~5650



Date: 13.JUL.2022 17:44:45

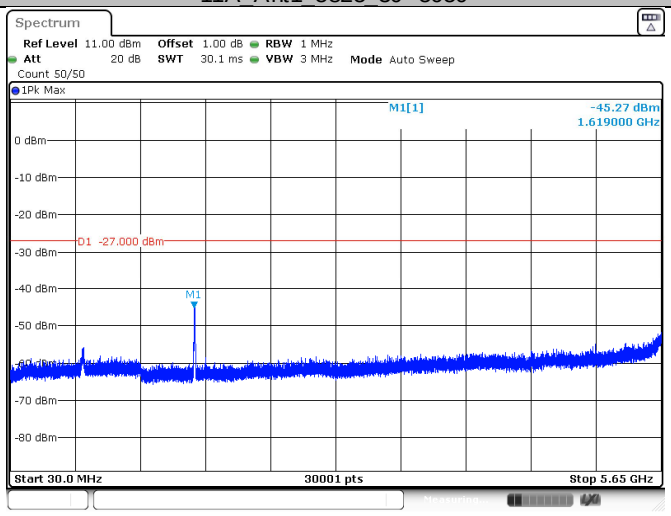
11A_Ant1_5785_5925~40000



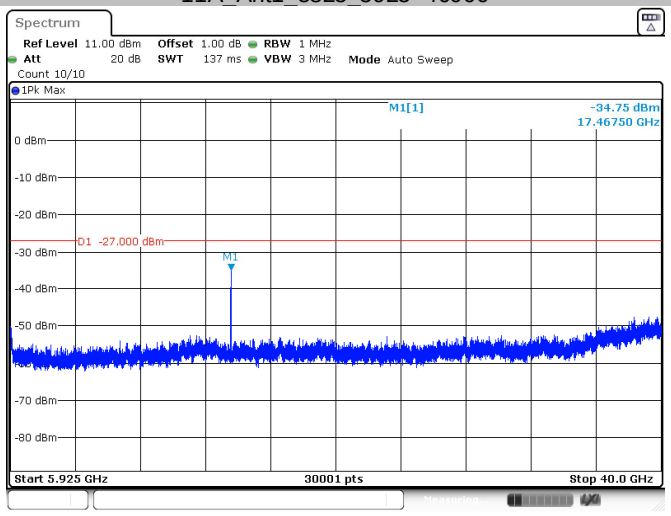
Date: 13.JUL.2022 17:44:50

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

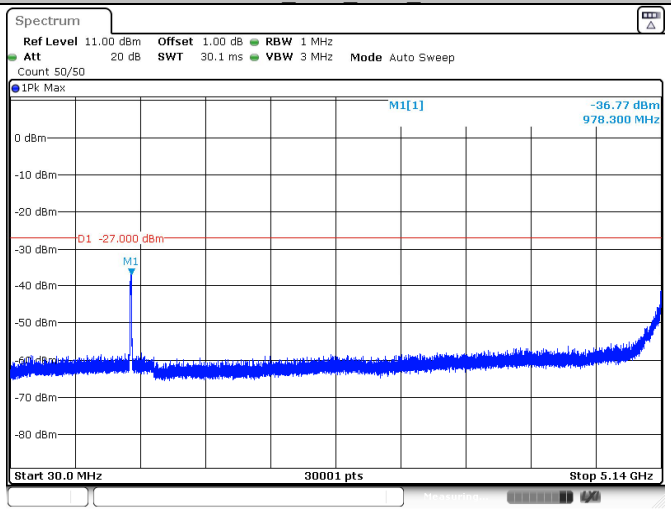
11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~40000

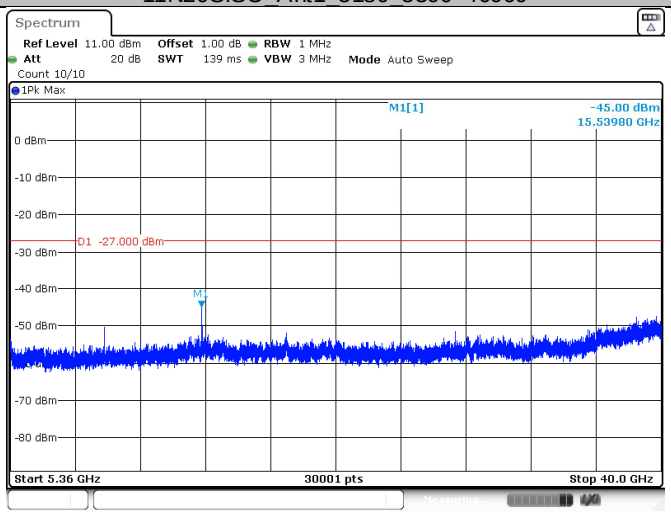


11N20SISO_Ant1_5180_30~5140



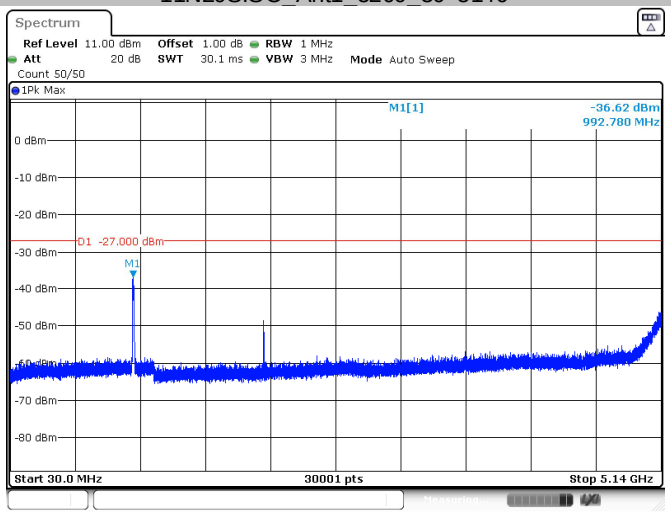
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

11N20SISO_Ant1_5180_5360~40000



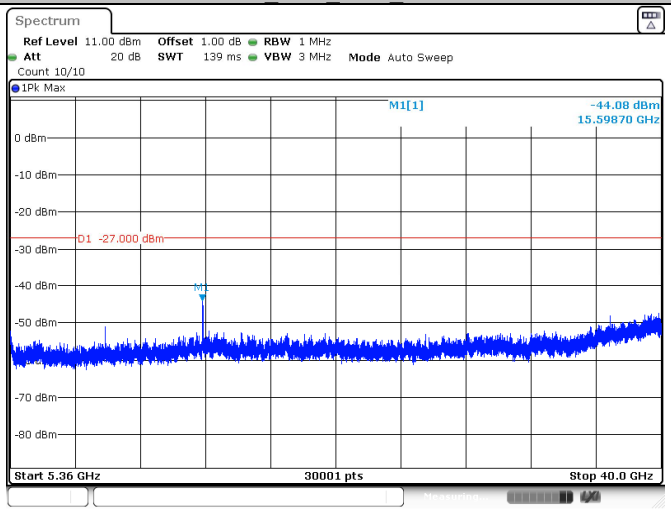
Date: 13.JUL.2022 17:49:12

11N20SISO_Ant1_5200_30~5140



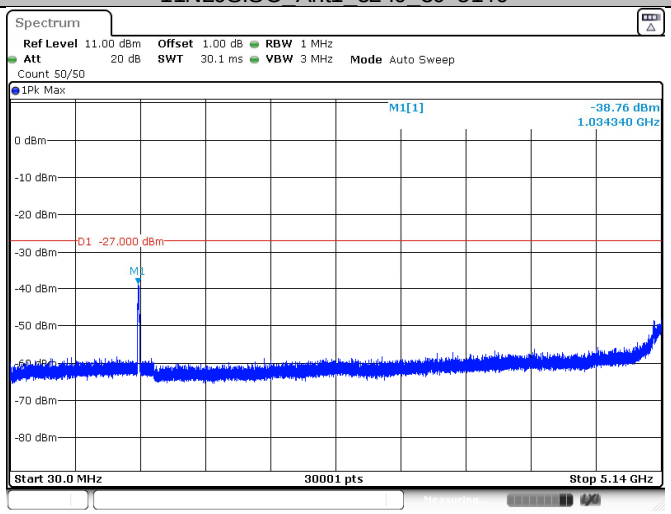
Date: 13.JUL.2022 17:51:02

11N20SISO_Ant1_5200_5360~40000

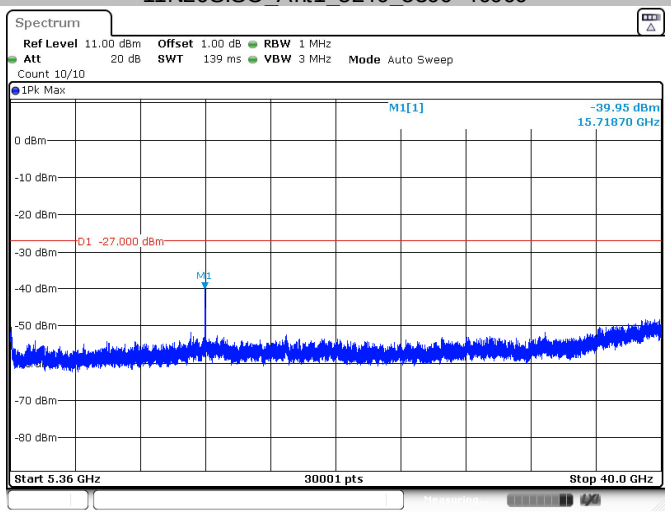


Date: 13.JUL.2022 17:51:07

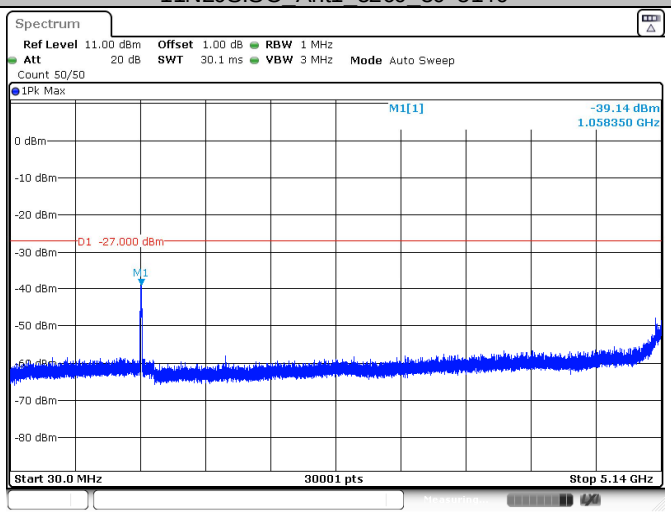
11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~40000

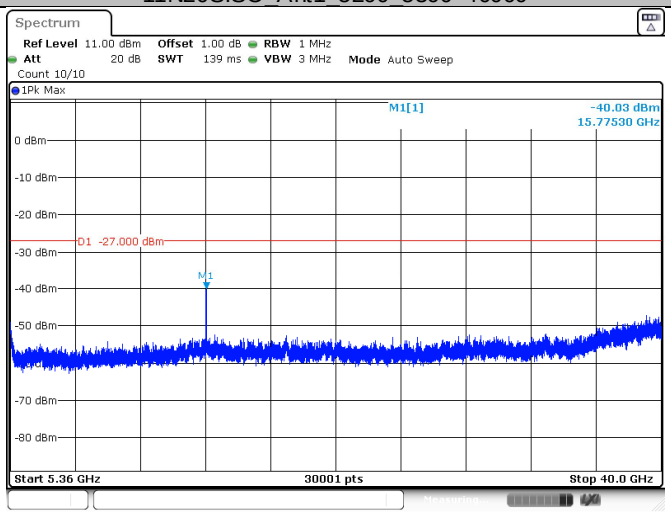


11N20SISO_Ant1_5260_30~5140

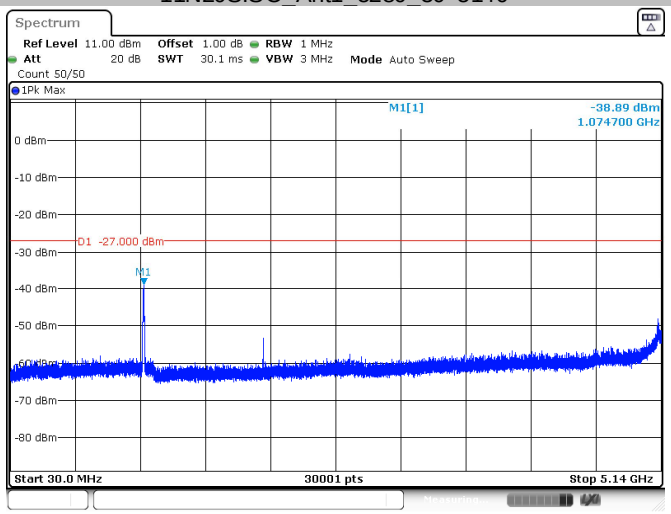


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

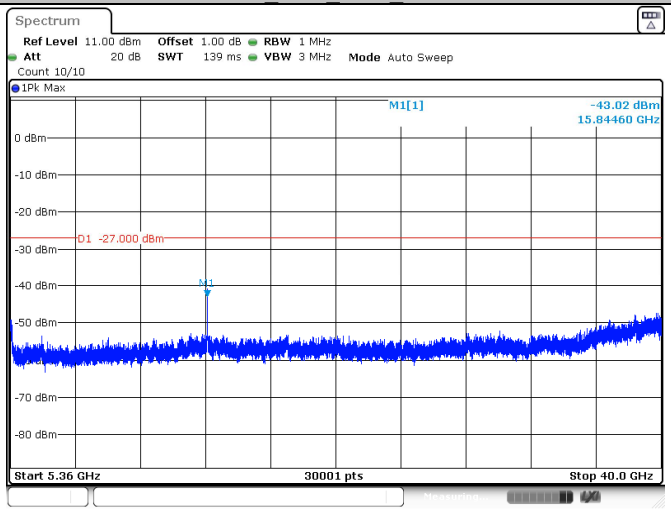
11N20SISO_Ant1_5260_5360~40000



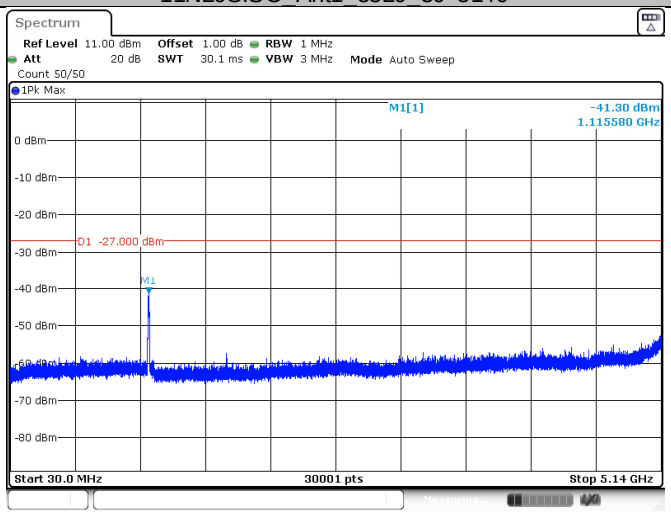
11N20SISO_Ant1_5280_30~5140



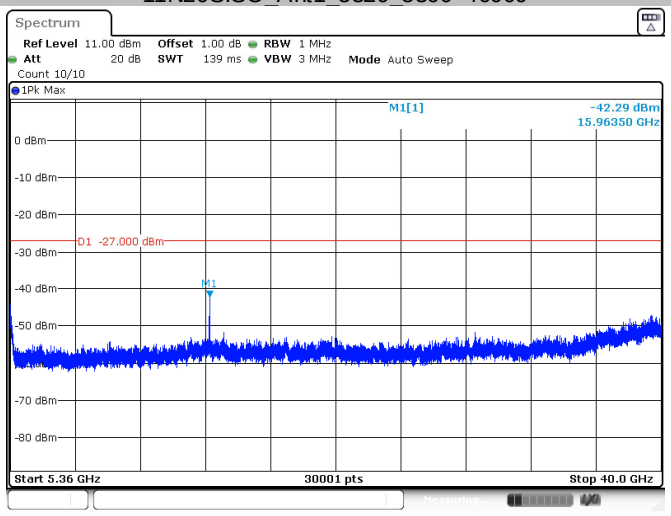
11N20SISO_Ant1_5280_5360~40000



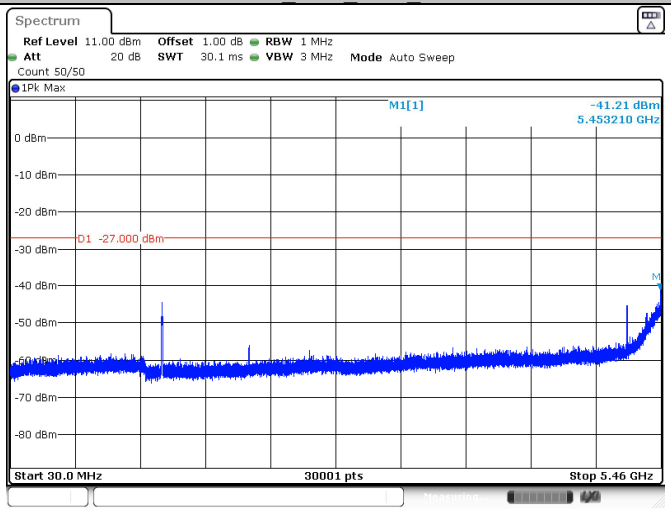
11N20SISO_Ant1_5320_30~5140



11N20SISO_Ant1_5320_5360~40000

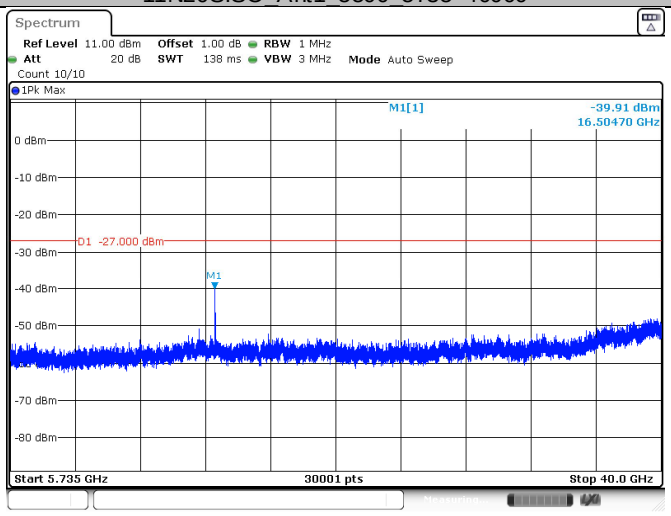


11N20SISO_Ant1_5500_30~5460

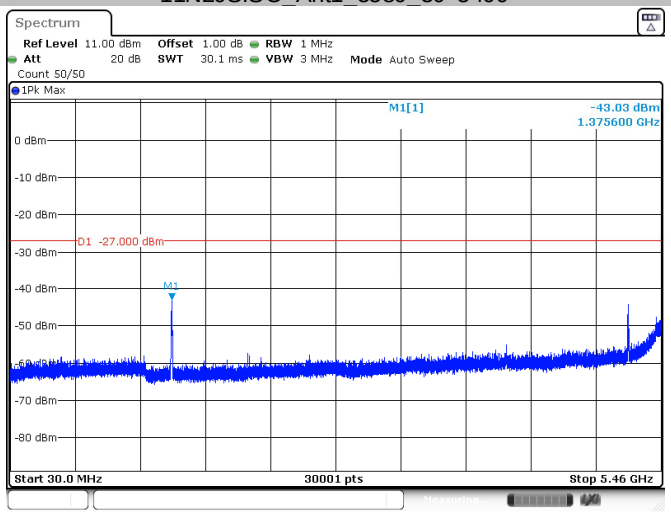


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

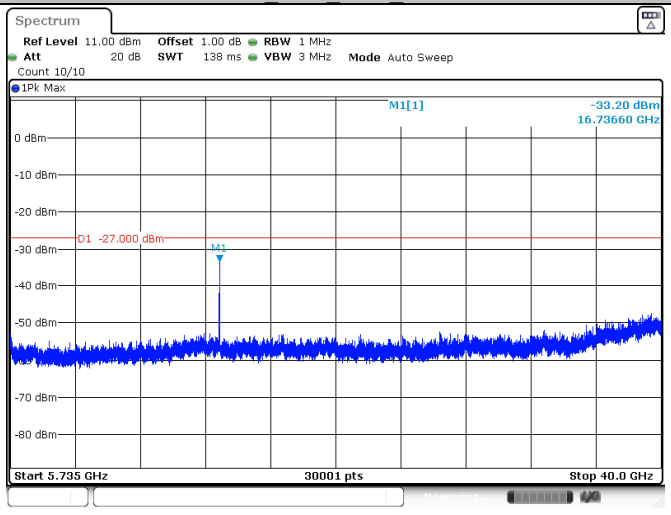
11N20SISO_Ant1_5500_5735~40000



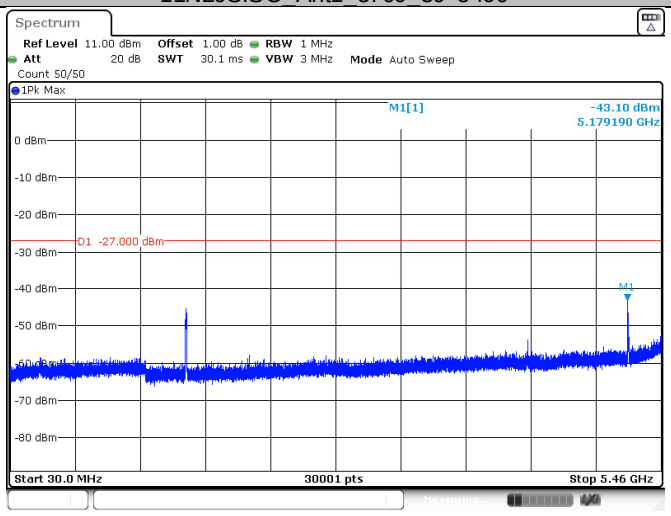
11N20SISO_Ant1_5580_30~5460



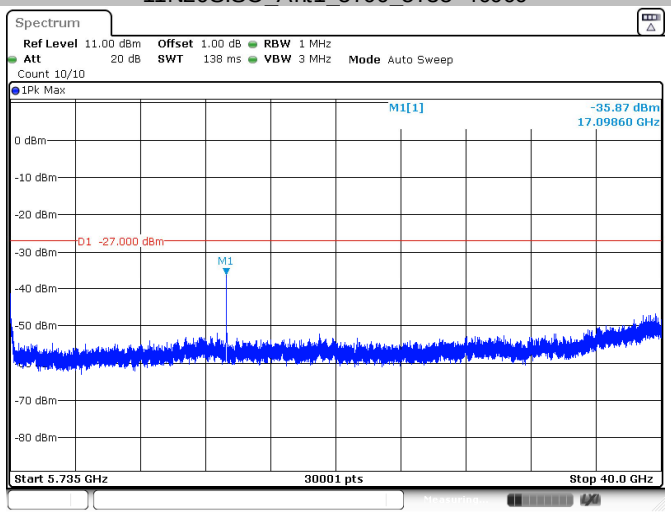
11N20SISO_Ant1_5580_5735~40000



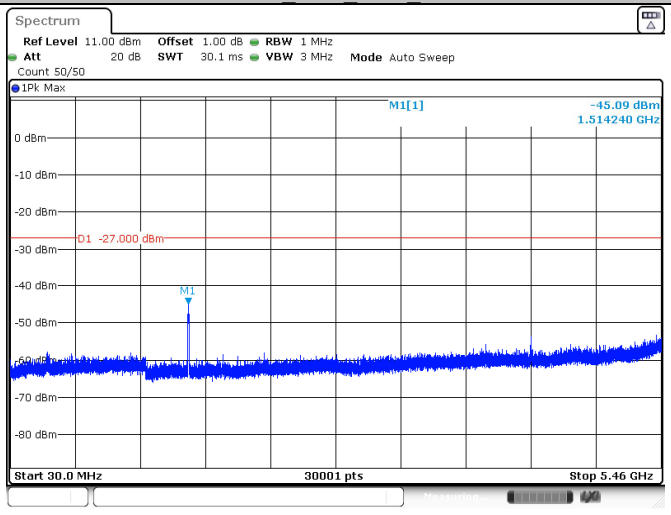
11N20SISO_Ant1_5700_30~5460



11N20SISO_Ant1_5700_5735~40000

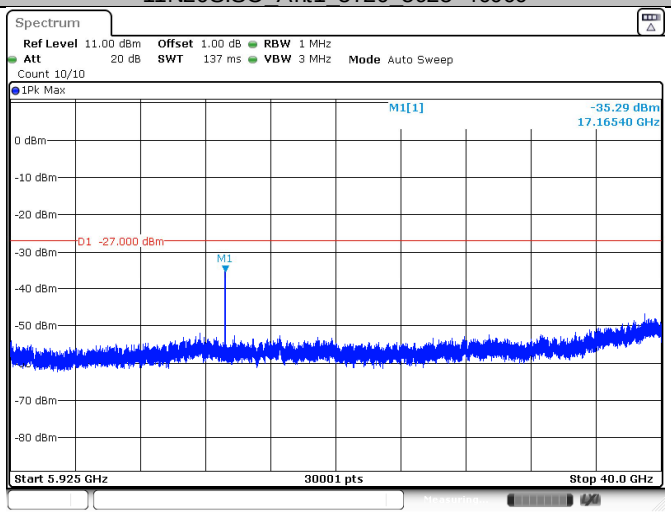


11N20SISO_Ant1_5720_30~5460

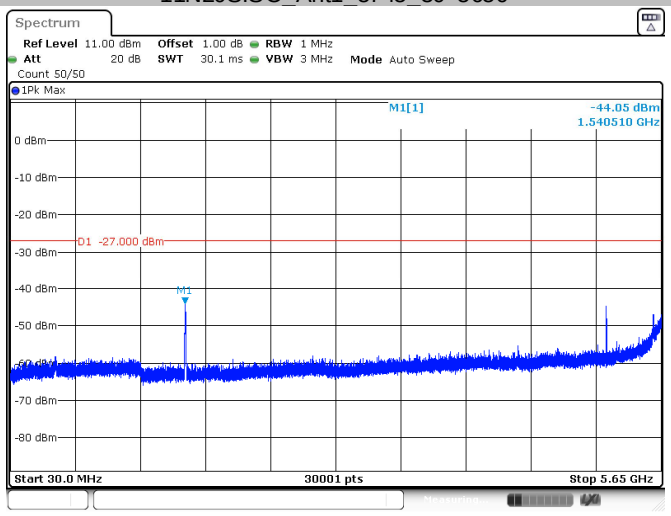


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

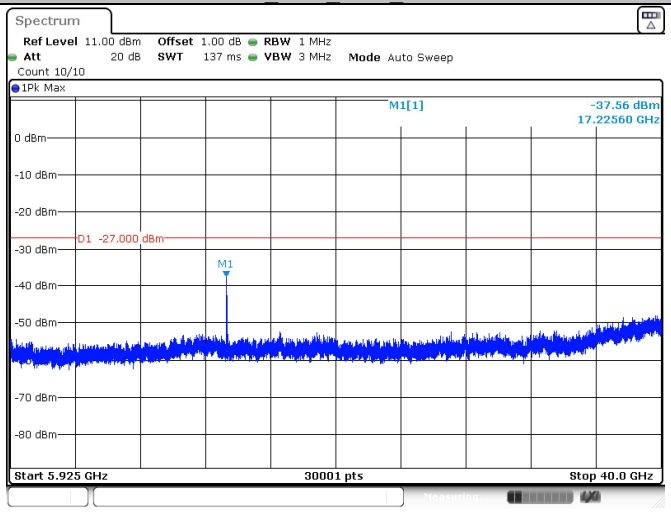
11N20SISO_Ant1_5720_5925~40000



11N20SISO_Ant1_5745_30~5650

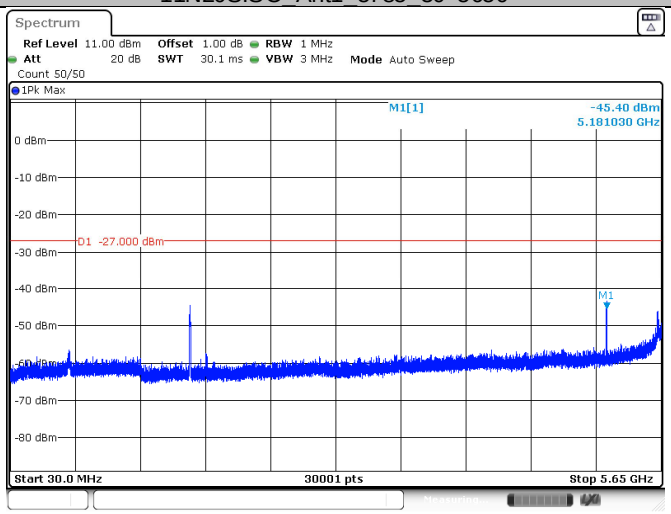


11N20SISO_Ant1_5745_5925~40000

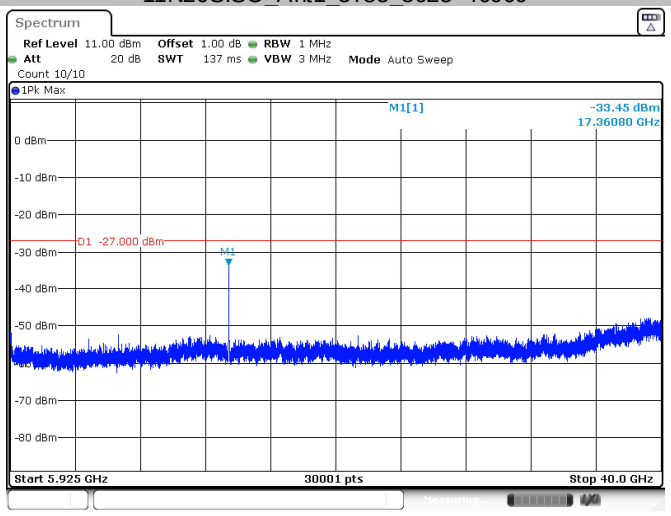


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

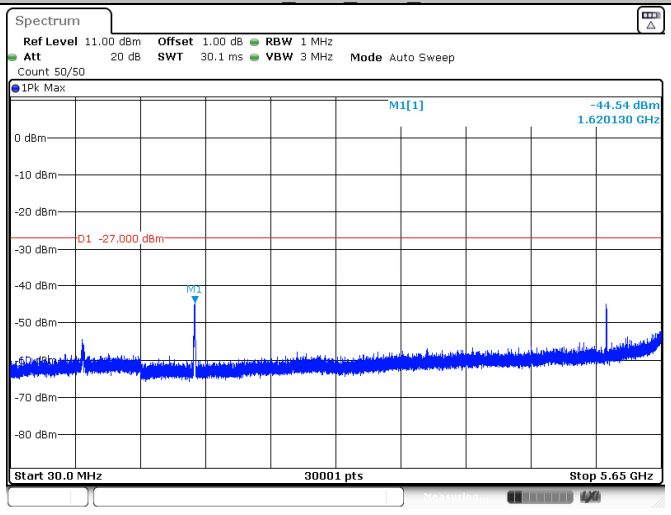
11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~40000

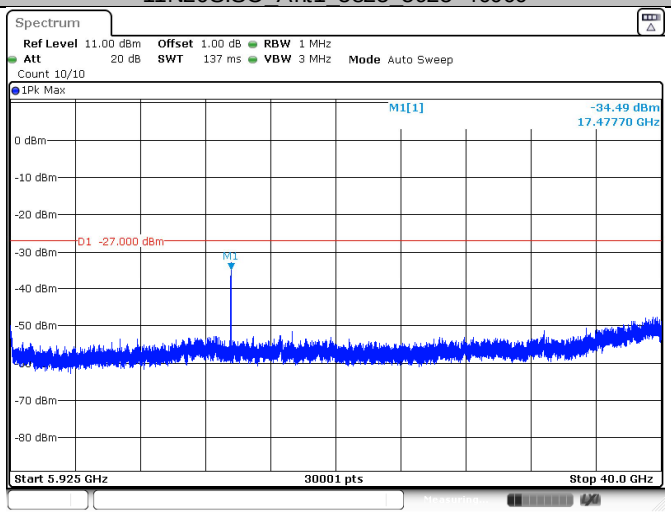


11N20SISO_Ant1_5825_30~5650

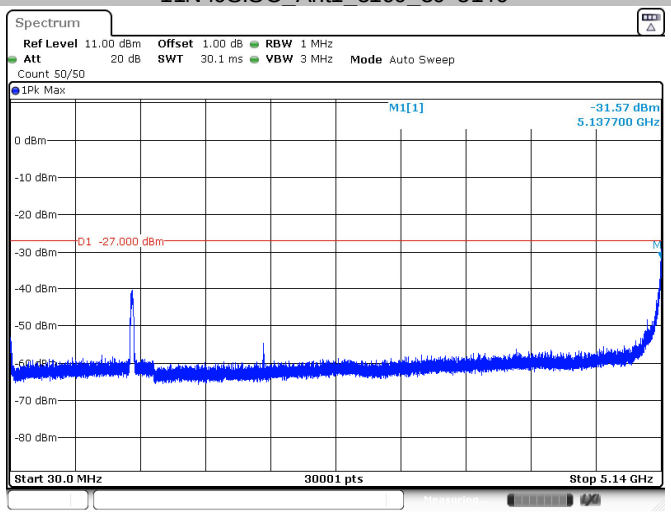


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

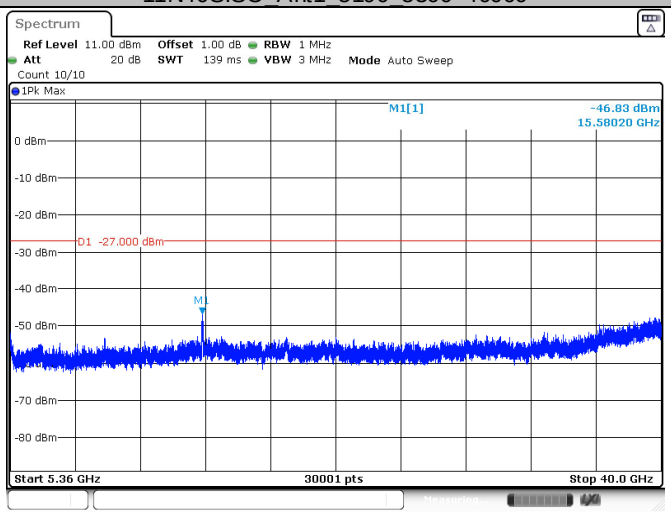
11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5190_30~5140

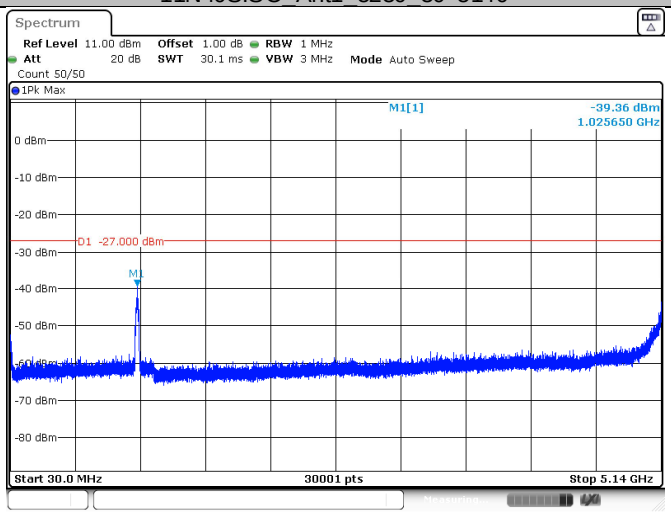


11N40SISO_Ant1_5190_5360~40000

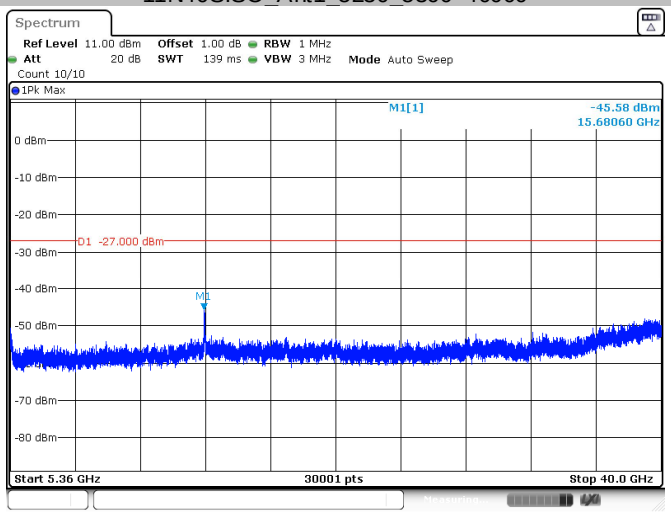


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

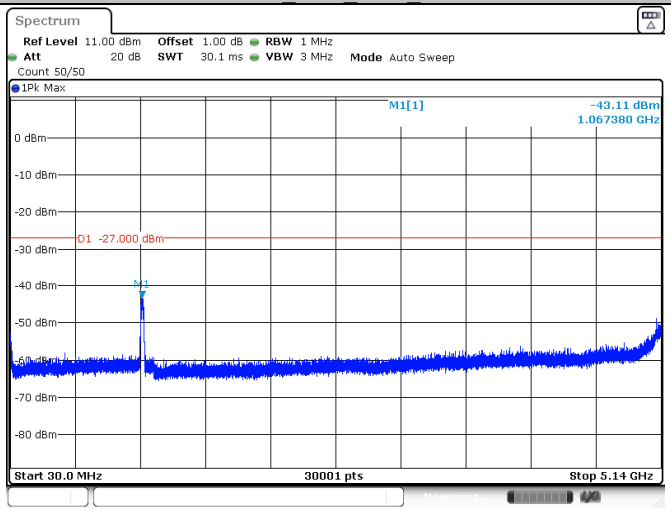
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000

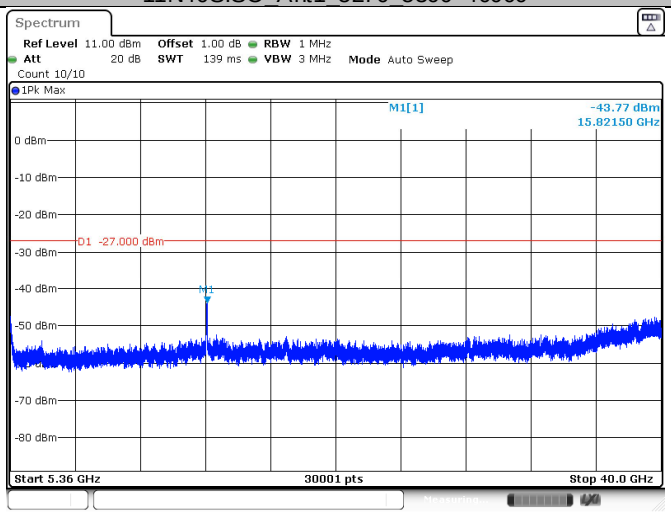


11N40SISO_Ant1_5270_30~5140



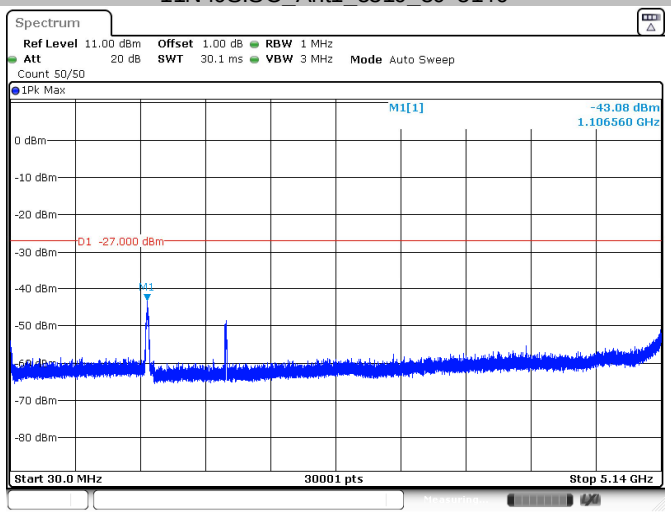
TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

11N40SISO_Ant1_5270_5360~40000



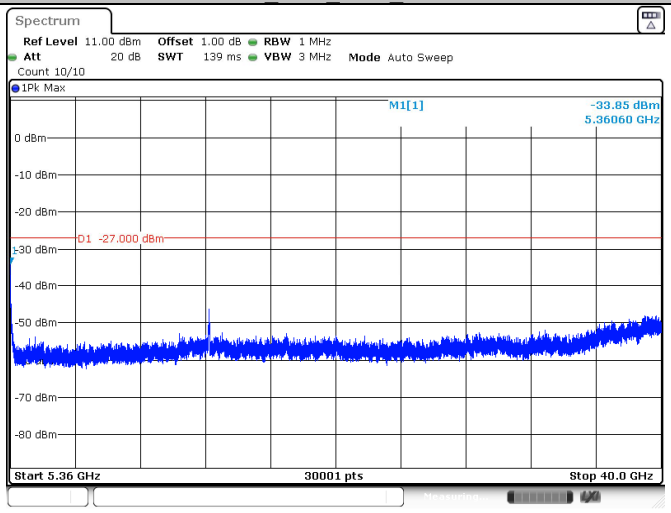
Date: 13.JUL.2022 18:45:11

11N40SISO_Ant1_5310_30~5140



Date: 13.JUL.2022 18:46:59

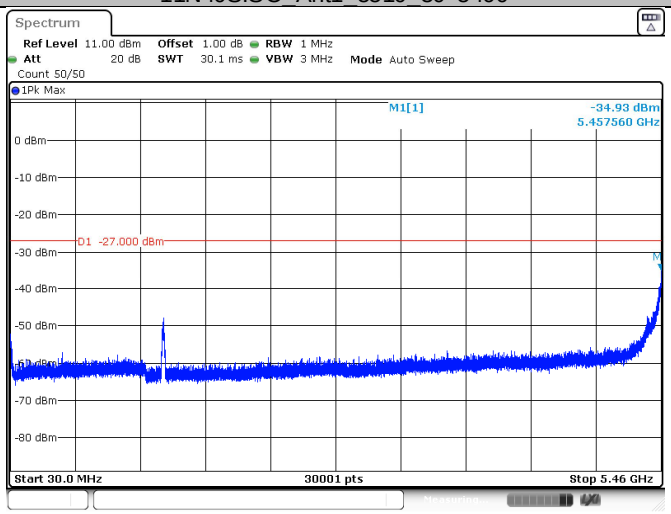
11N40SISO_Ant1_5310_5360~40000



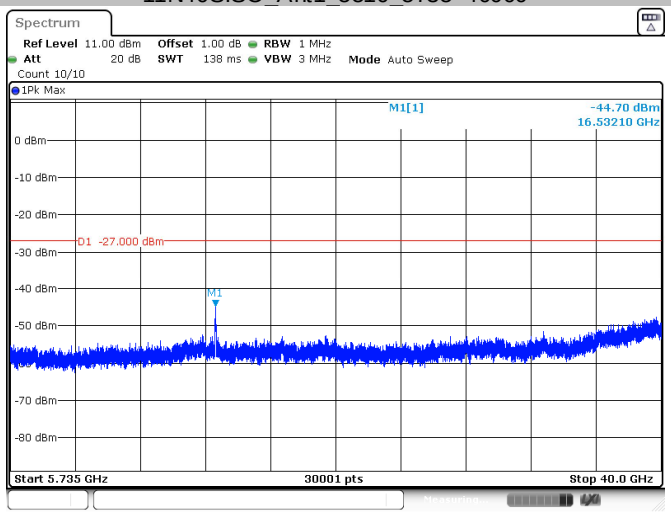
Date: 13.JUL.2022 18:47:04

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

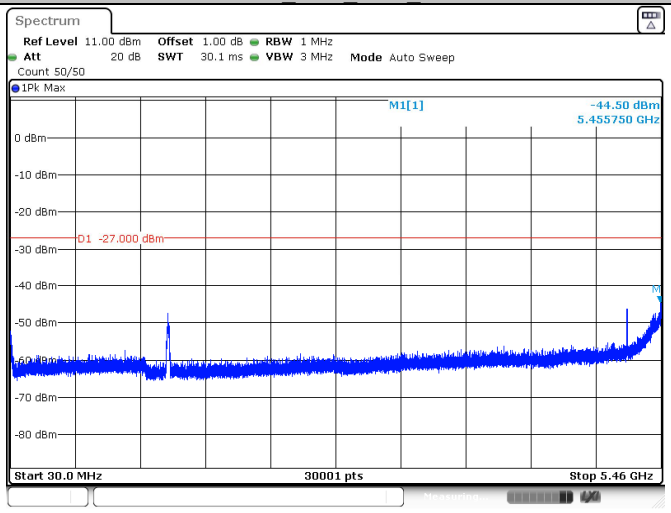
11N40SISO_Ant1_5510_30~5460



11N40SISO_Ant1_5510_5735~40000

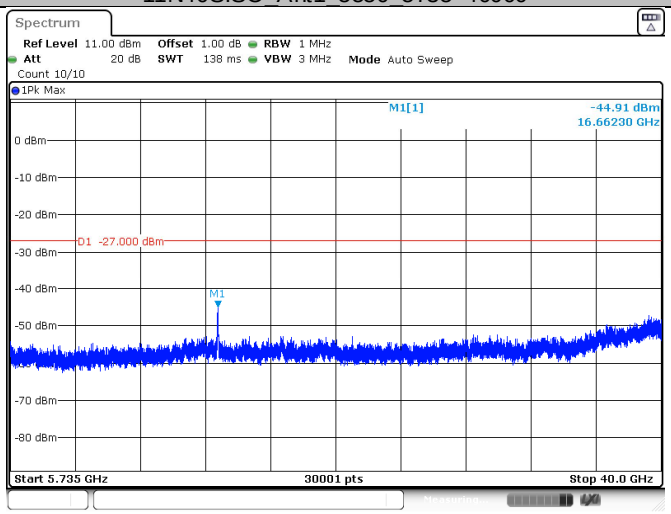


11N40SISO_Ant1_5550_30~5460

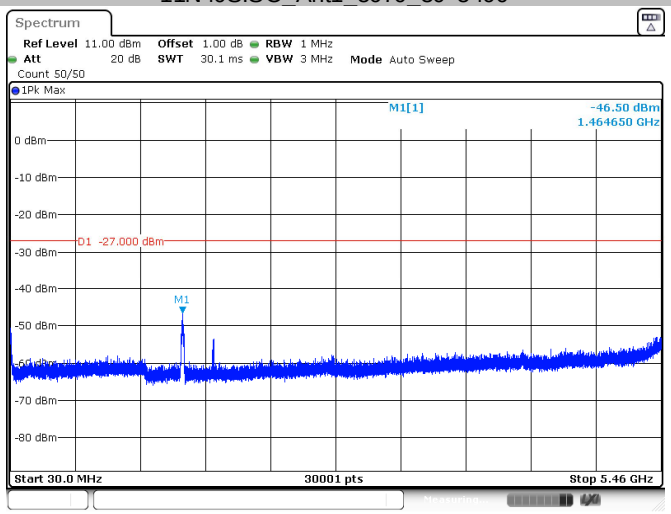


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

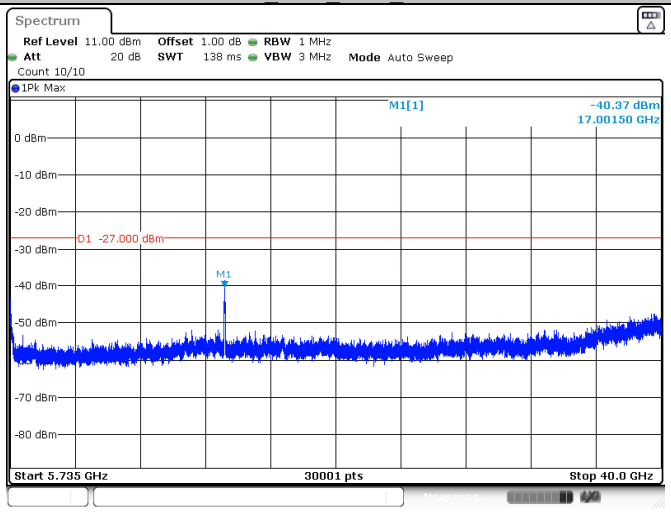
11N40SISO_Ant1_5550_5735~40000



11N40SISO_Ant1_5670_30~5460

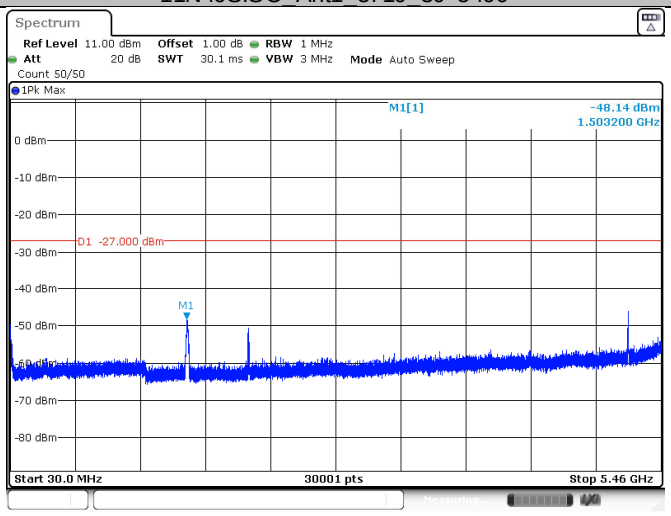


11N40SISO_Ant1_5670_5735~40000

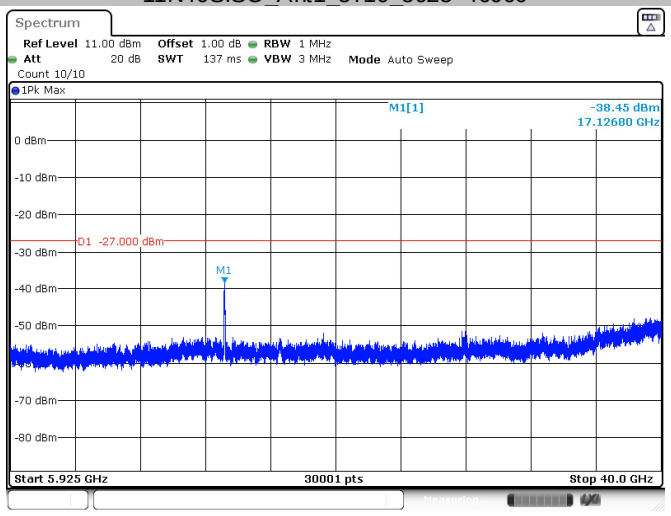


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

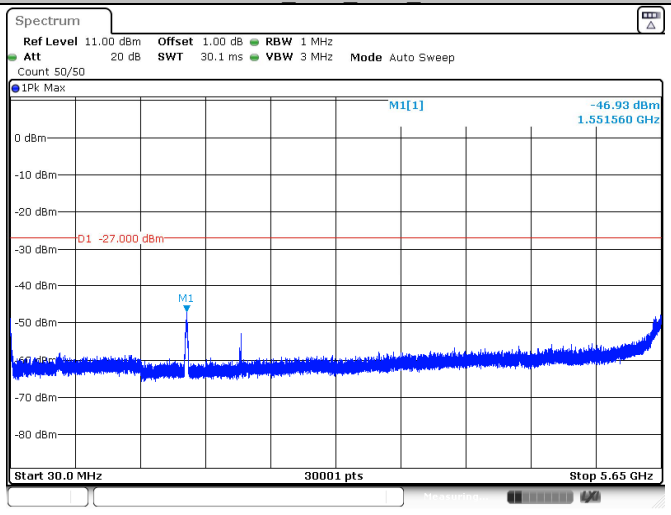
11N40SISO_Ant1_5710_30~5460



11N40SISO_Ant1_5710_5925~40000

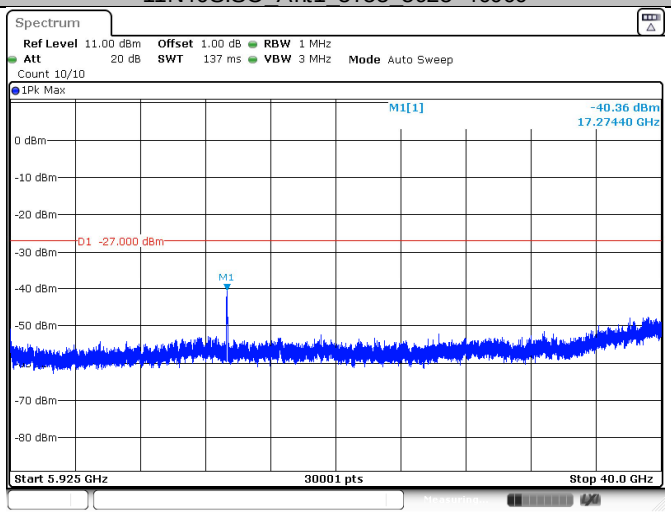


11N40SISO_Ant1_5755_30~5650

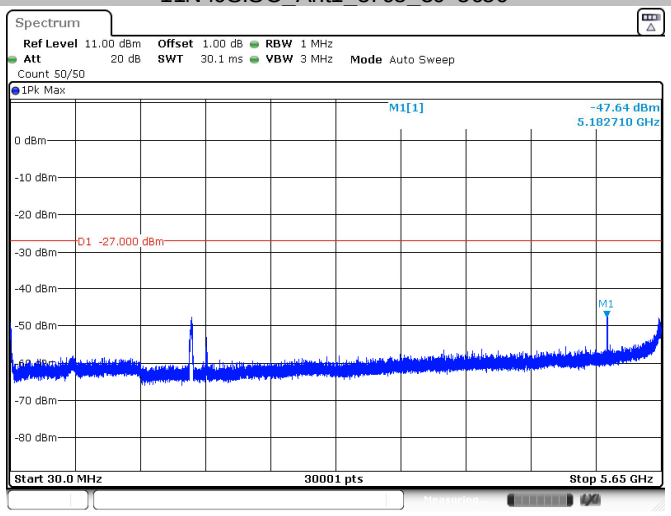


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

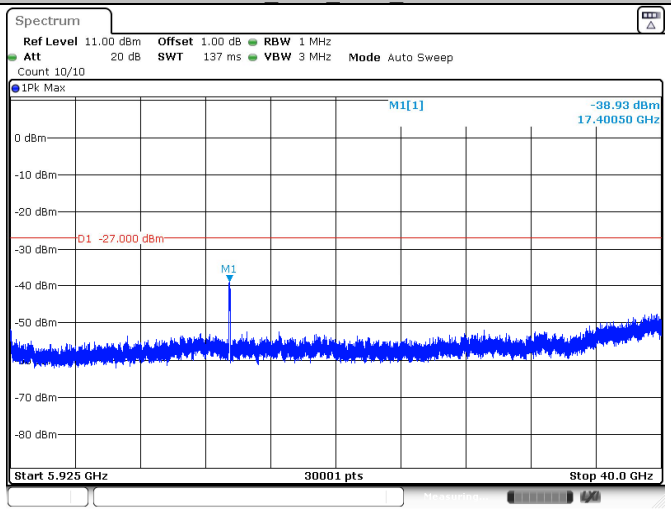
11N40SISO_Ant1_5755_5925~40000



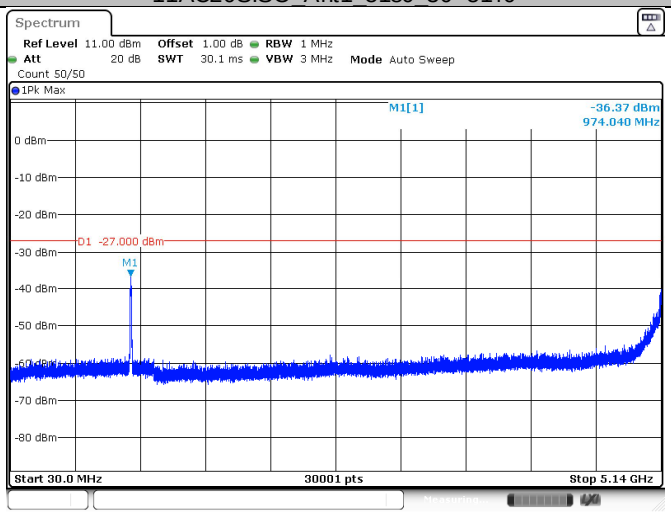
11N40SISO_Ant1_5795_30~5650



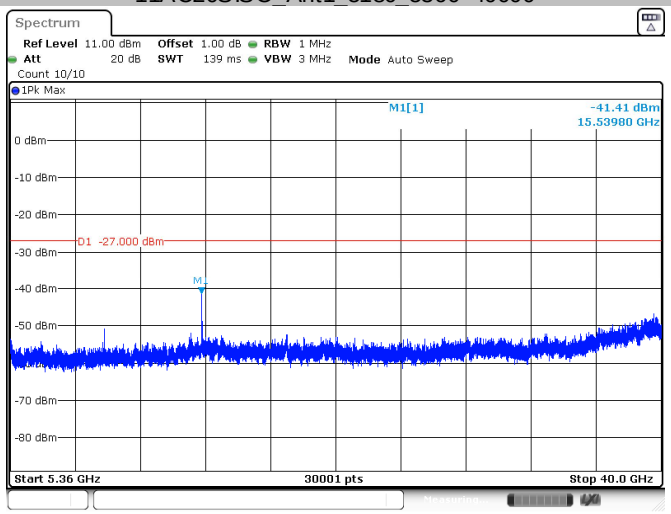
11N40SISO_Ant1_5795_5925~40000



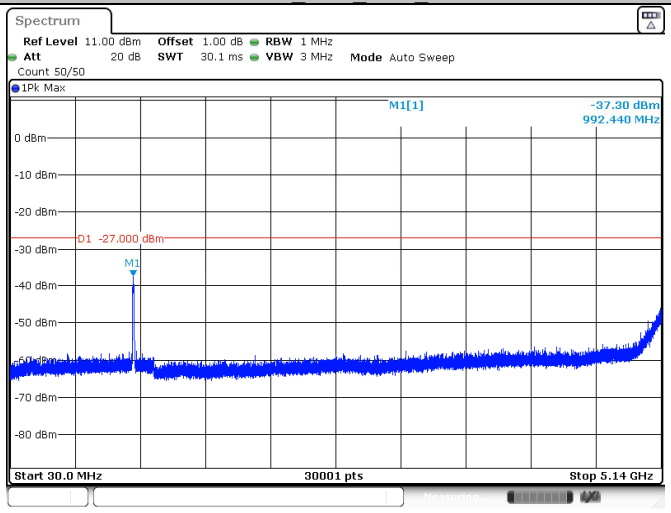
11AC20SISO_Ant1_5180_30~5140



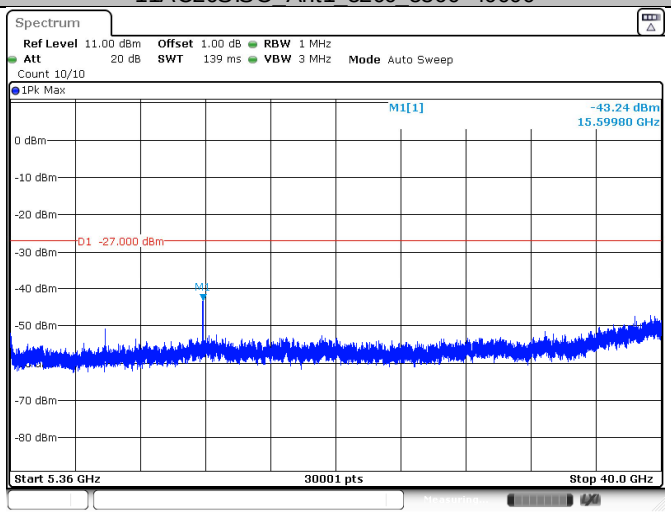
11AC20SISO_Ant1_5180_5360~40000



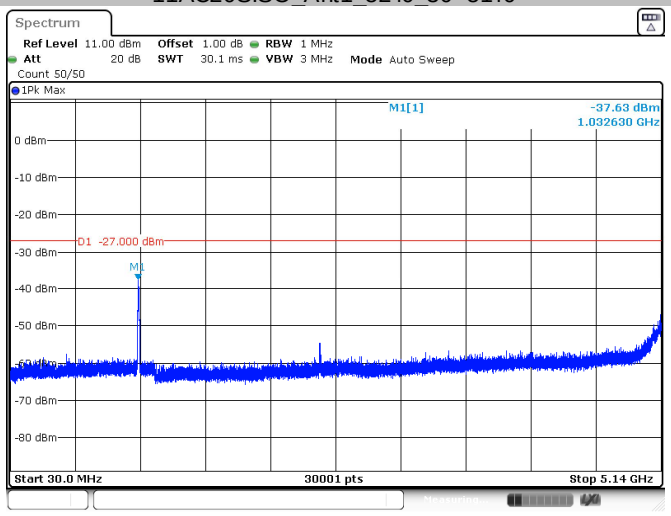
11AC20SISO_Ant1_5200_30~5140



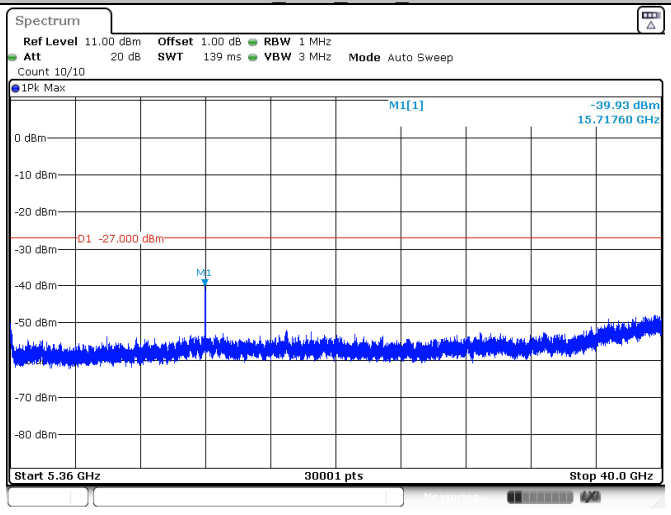
11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140

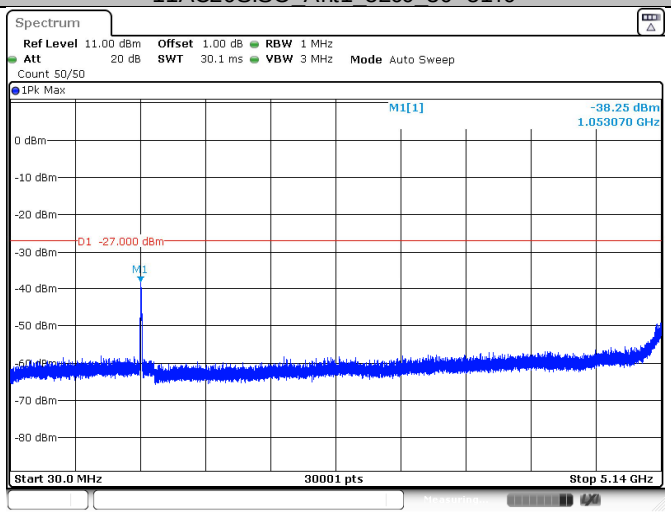


11AC20SISO_Ant1_5240_5360~40000

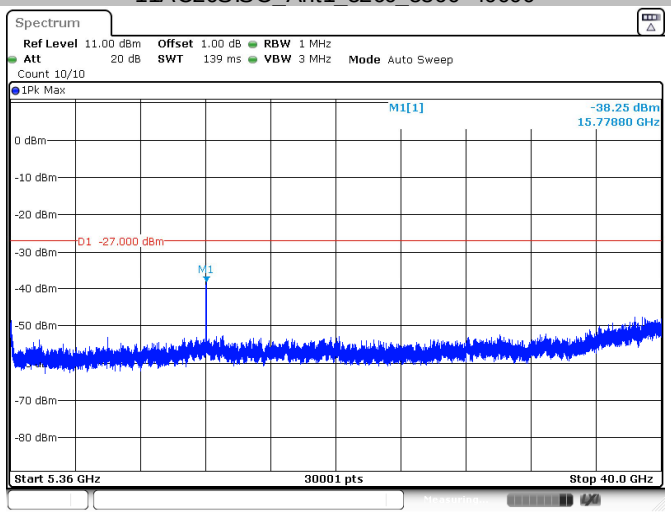


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

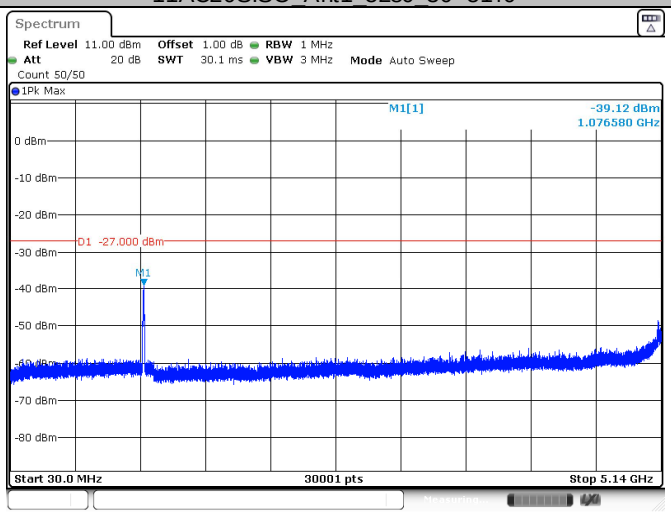
11AC20SISO_Ant1_5260_30~5140



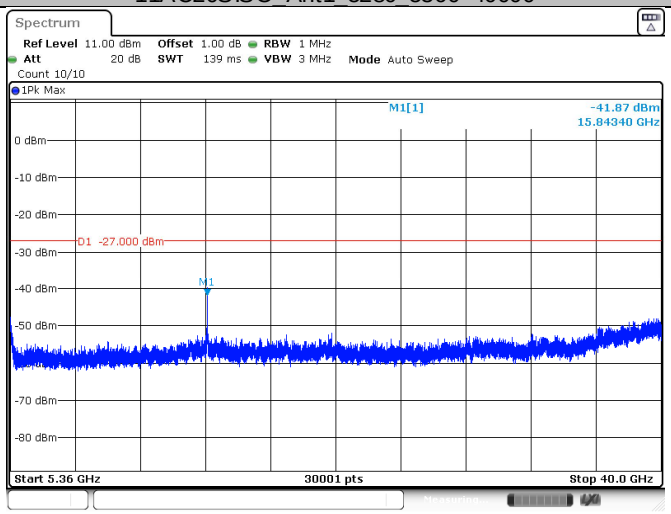
11AC20SISO_Ant1_5260_5360~40000



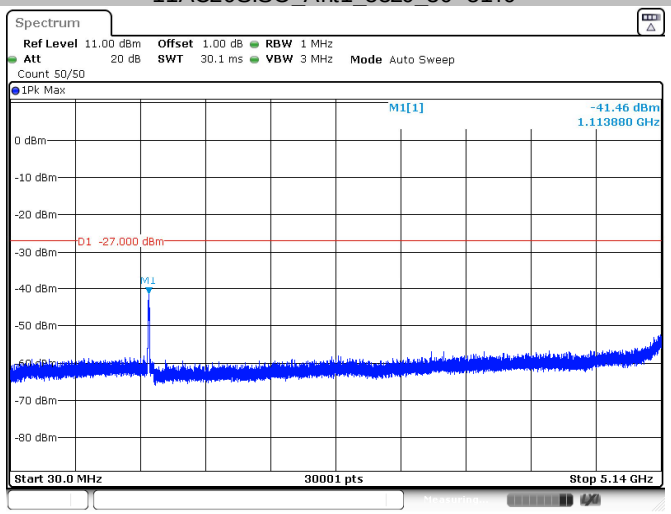
11AC20SISO_Ant1_5280_30~5140



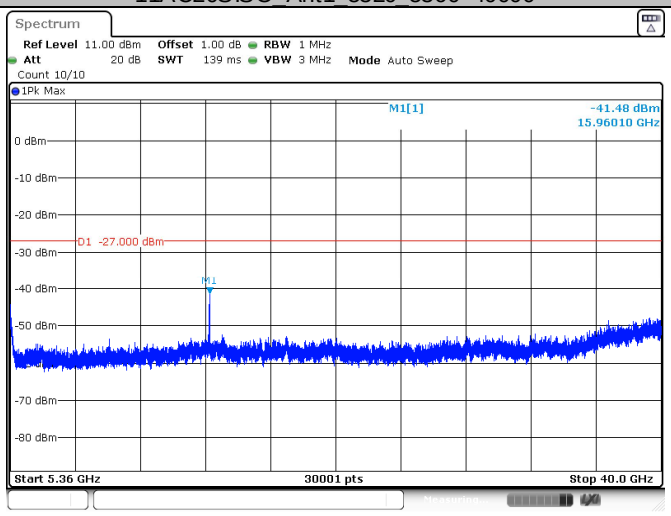
11AC20SISO_Ant1_5280_5360~40000



11AC20SISO_Ant1_5320_30~5140

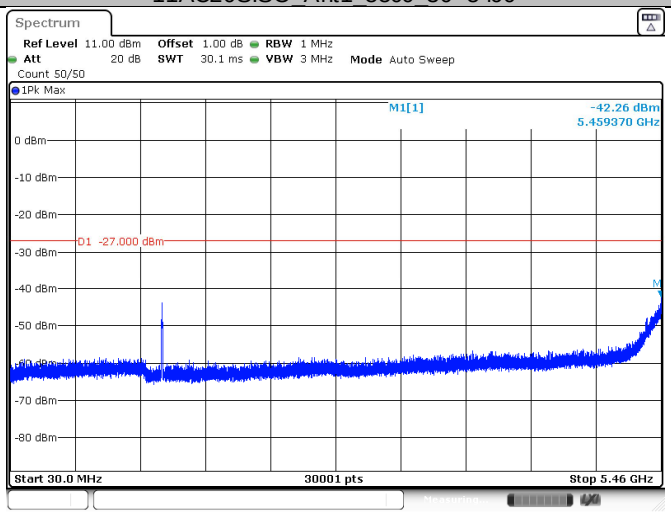


11AC20SISO_Ant1_5320_5360~40000

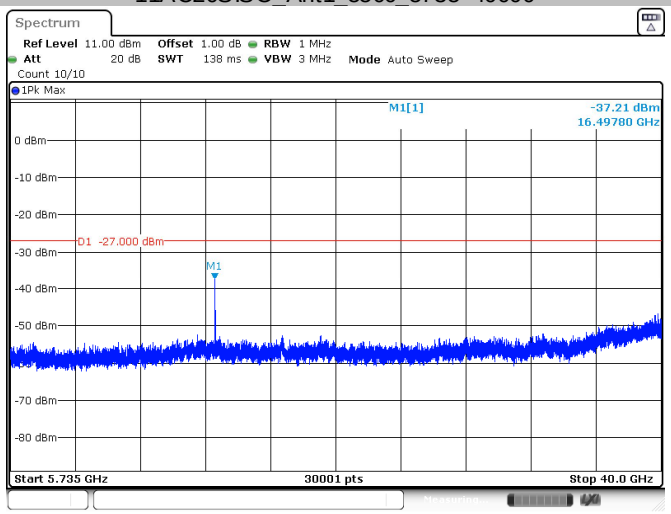


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhihengwisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

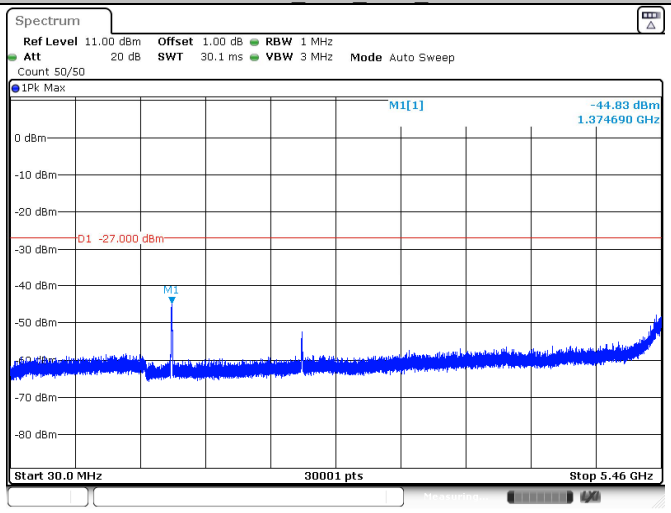
11AC20SISO_Ant1_5500_30~5460



11AC20SISO_Ant1_5500_5735~40000

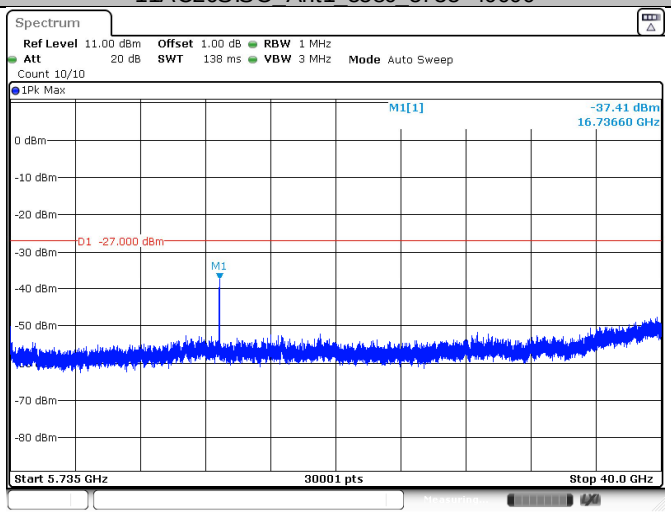


11AC20SISO_Ant1_5580_30~5460

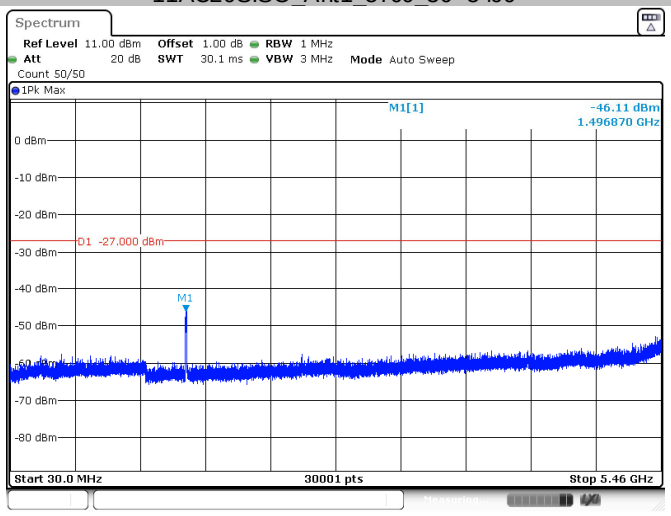


TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299

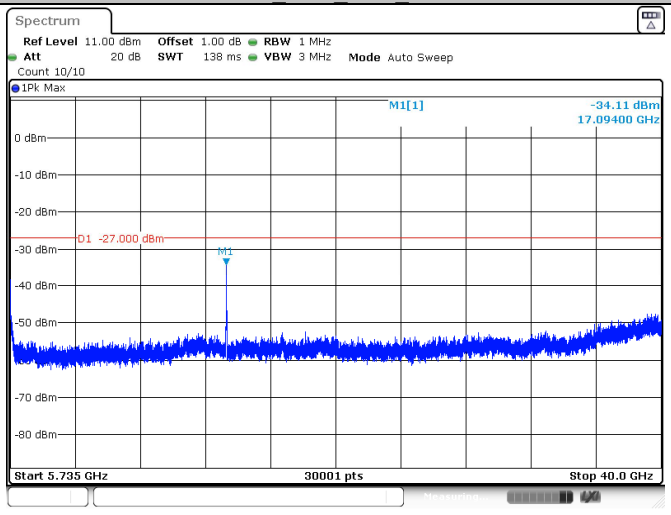
11AC20SISO_Ant1_5580_5735~40000



11AC20SISO_Ant1_5700_30~5460



11AC20SISO_Ant1_5700_5735~40000



TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 88286998, Fax:
+86 755 8828 5299