FCC- TEST REPORT

Report Number	:	**68.950.21.0592.01**	Date of Issue:	**2021-12-22**
Model	:	**AP-N505L**		
Product Type	:	Wireless AP		
Applicant	:	FS.COM Inc.		
Address	:	380 Centerpoint Blvd, New Castle,DE 19720, United States		
Production Facility	:	FS.COM LIMITED		
Address	:	24F, Infore Center, No.19, Haitian 2nd Rd, Binhai Community, Yuehai Street, Nanshan District, Shenzhen City		
Test Result	:	■ **Positive** ☐ **Negative**		
Total pages including Appendices	:	**687**		

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Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
Fax: +86 755 8828 5299

1 Table of Contents

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
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2 Details about the Test Laboratory

Details about the Test Laboratory
Test Site 1

Company name:	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
FCC Designation Number:	CN5009
FCC Registration No.:	514049
Telephone:	86 755 8828 6998
Fax:	86 755 8828 5299

3 Description of the Equipment Under Test

Product:	Wireless AP
Model no.:	AP-N505L
Trade Mark:	FS
FCC ID:	2A2PW108705
Rating:	IEEE 802.3af PoE, DC 48V/0.3A
RF Transmission Frequency:	5180MHz – 5320MHz for ETH1 5180MHz – 5320MHz, 5500MHz – 5720MHz, 5745MHz – 5825MHz for ETH2
Modulation:	802.11a: BPSK, QPSK, 16QAM, 64QAM 802.11n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM
Antenna Type:	Internal antenna
Antenna number:	1 for 2.4GHz Bluetooth Low Energy 2 for 2.4GHzWIFI 2 for 5GHzWIFI ETH1 2 for 5GHzWIFI ETH2
Antenna Gain:	1dBi max for 2.4GHz Bluetooth Low Energy 3dBi max for 2.4GHzWIFI 3dBi Max for 5GHzWIFI
Directional gain:	For output power: Max. gain +array gain Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$ For power spectral density: G_{ANT} + Array Gain Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
TPC function:	☒ With TPC ☐ Without TPC
Description of the EUT:	The equipment supports Bluetooth Low Energy/WIFI functions. The TX and RX range is 2402MHz-2480MHz for Bluetooth, 2412MHz – 2462MHz for 2.4GHzWIFI, 5180MHz – 5320MHz, 5500MHz – 5720MHz, 5745MHz – 5825MHz for 5GHzWIFI

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4 Summary of Test Standards

Test Standards	
FCC Part 15 Subpart E, October 1, 2020 Edition	PART 15 - RADIO FREQUENCY DEVICES Subpart E - Unlicensed National Information Infrastructure Devices

Test Method:
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
KDB 662911 D01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band
ANSI C63.10-2013, American National Standard for Testing Unlicensed Wireless Devices

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5 Summary of Test Results

Technical Requirements			
FCC Part 15 Subpart E			
Test Condition	Test Result		
	Pass	Fail	N/A
15.207 Conducted Emission AC Power Port	☒	☐	☐
15.407(e) Emission bandwidth	☒	☐	☐
15.407(a) Maximum Conducted Output Power	☒	☐	☐
15.407(a) Maximum Power Spectral Density	☒	☐	☐
15.407(b)(1), 15.407(b)(2), 15.407(b)(3), 15.407(b)(4), 15.407(b)(8), 15.407(b)(9), 15.209 Unwanted Emissions	☒	☐	☐
15.407(g) Frequencies Stability	☒	☐	☐
15.407(h) Dynamic Frequency Selection (DFS).	☒	☐	☐
15.203 Antenna Requirement	☒ See note 1	☐	☐

Remark: The EUT operate as Master Device.
Note 1: The EUT uses an Internal antenna, which gain is 3dBi Max for 5GHz. It is considered sufficiently to comply with the provisions of this section.

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6 General Remarks

Remarks

This submittal(s) (test report) is intended for FCC ID: 2A2PW108705, complies with Section 15.207, 15.203, 15.407 of the FCC Part 15, Subpart E.

The Equipment Under Test (EUT) is Wireless AP with Bluetooth Low Energy/WIFI functions.

This report is for the 5GHz Wi-Fi.

SUMMARY:

All tests according to the regulations cited on page 5 were

■ - Performed

☐ - **Not** Performed

The Equipment Under Test

■ - **Fulfills** the general approval requirements.

☐ - **Does not** fulfill the general approval requirements.

Sample Received Date: 2021-09-17

Testing Start Date: 2021-09-17

Testing End Date: 2021-12-20

- TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch –

Reviewed by:	Prepared by:	Tested by:
John Zhi	Joe Gu	Carry Cai
Project Manager	Project Engineer	Test Engineer

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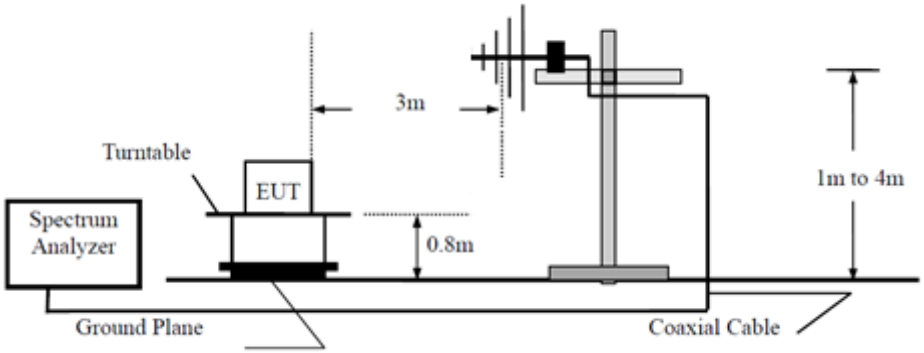
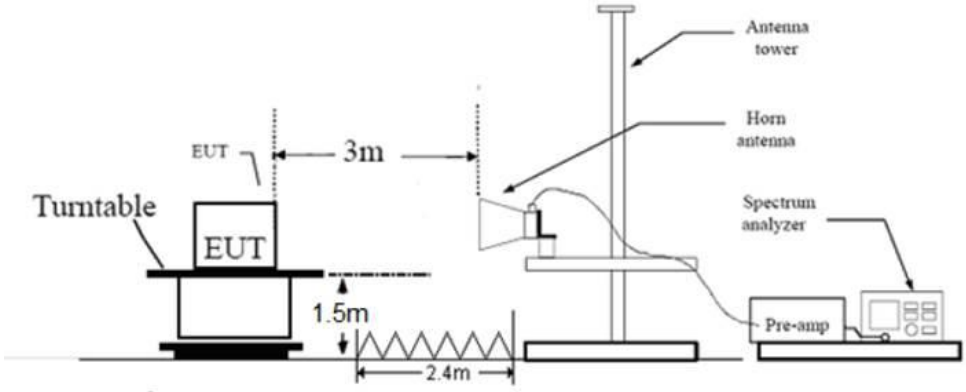
7 Test setups

7.1 Radiated test setups

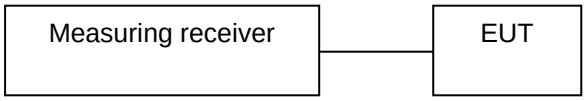
Below 1GHz



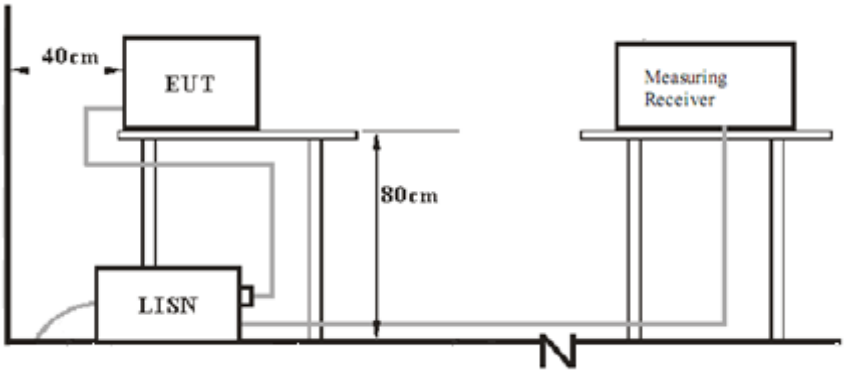
Above 1GHz



7.2 Conducted RF test setups



7.3 AC Power Line Conducted Emission test setups



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8. Systems test configuration

Auxiliary Equipment Used during Test:

Name	Model	Manufacturer	S/N	Cal Due Date
Laptop	X200	Lenovo	--	--
Laptop	X240	Lenovo	--	--

The system was configured to channel:

Test Mode	Channel (MHz)		
802.11a, 802.11n HT20 802.11ac VHT20 802.11ax HE20	5G WIFI-Band 1		
	CH36 (5180MHz)	CH40 (5200MHz)	CH48 (5240MHz)
	5G WIFI-Band 2		
	CH52 (5260MHz)	CH56 (5280MHz)	CH64 (5320MHz)
	5G WIFI-Band 3		
	CH100 (5500MHz)	CH116 (5580MHz)	CH140 (5700MHz)
	CH144 (5720MHz)		
	5G WIFI-Band 4		
	CH149 (5745MHz),	CH157(5785MHz)	CH165 (5825MHz)

Test Mode	Channel (MHz)		
802.11n HT40 802.11ac VHT40 802.11ax HE40	5G WIFI-Band 1		
	CH38(5190MHz)	CH46 (5230MHz)	
	5G WIFI-Band 2		
	CH54(5270MHz)	CH62(5310MHz)	
	5G WIFI-Band 3		
	CH102(5510MHz)	CH110(5550MHz)	CH134(5670MHz)
	CH 142 (5710MHz)		
	5G WIFI-Band 4		
	CH151(5755MHz)	CH159(5795MHz)	

Test Mode	Channel (MHz)	
802.11ac VHT80 802.11ax HE80	5G WIFI-Band 1	
	CH42(5210MHz)	
	5G WIFI-Band 2	
	CH58(5290MHz)	
	5G WIFI-Band 3	
	CH106(5530MHz)	CH138(5690MHz)
	5G WIFI-Band 4	
	CH155(5775MHz)	

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9 Technical Requirement

9.1 Conducted Emission

Test Method

1. The EUT was placed on a table, which is 0.8m above ground plane
2. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.).
3. Maximum procedure was performed to ensure EUT compliance
4. A EMI test receiver is used to test the emissions from both sides of AC line

Limit

According to §15.207, conducted emissions limit as below:

Frequency MHz	QP Limit dBµV	AV Limit dBµV
0.150-0.500	66-56*	56-46*
0.500-5	56	46
5-30	60	50

Remark: “*” Decreasing linearly with logarithm of the frequency

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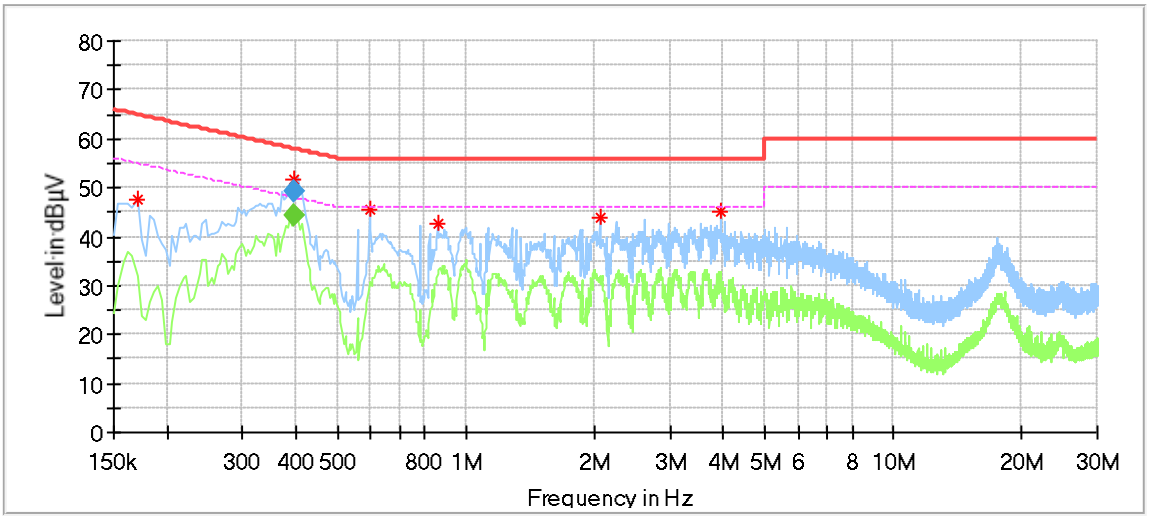
Conducted Emission

Product Type	:	Wireless AP
M/N	:	AP-N505L
Operating Condition	:	Charging + Transmit
Test Specification	:	Power Line, Live
Comment	:	AC 120V/60Hz



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.170000	47.39	---	64.96	17.57	L1	9.25
0.398000	51.81	---	57.90	6.08	L1	9.21
0.594000	45.53	---	56.00	10.47	L1	9.20
0.858000	42.65	---	56.00	13.35	L1	9.20
2.054000	43.88	---	56.00	12.12	L1	9.23
3.930000	44.93	---	56.00	11.07	L1	9.28

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.398000	---	44.17	47.91	3.73	L1	9.21
0.398000	49.29	---	57.91	8.62	L1	9.21

Remark：

Level=Reading Level + Correction Factor

Correction Factor=Cable Loss + LISN Factor

(The Reading Level is recorded by software which is not shown in the sheet)

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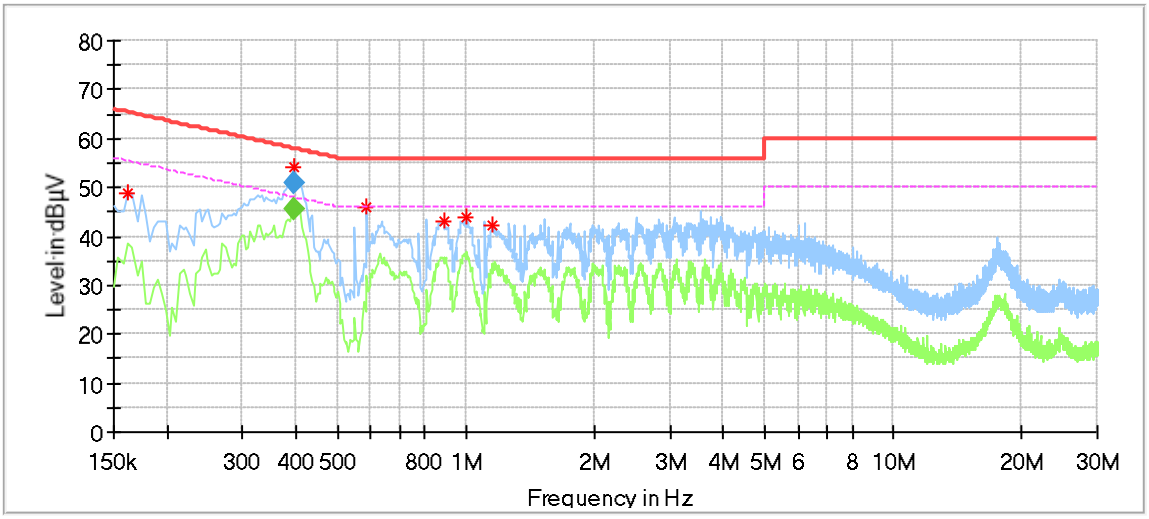
Conducted Emission

Product Type	:	Wireless AP
M/N	:	AP-N505L
Operating Condition	:	Charging + Transmit
Test Specification	:	Power Line, Live
Comment	:	AC 120V/60Hz



Critical_Freqs

Frequency (MHz)	MaxPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.162000	48.63	---	65.36	16.73	N	9.41
0.398000	54.08	---	57.90	3.82	N	9.38
0.586000	45.84	---	56.00	10.16	N	9.39
0.886000	43.28	---	56.00	12.72	N	9.39
1.006000	43.71	---	56.00	12.29	N	9.39
1.154000	42.28	---	56.00	13.72	N	9.40

Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Line	Corr. (dB)
0.398000	---	44.70	47.80	3.10	N	9.38
0.398000	50.75	---	57.80	7.06	N	9.38

Remark：
Level=Reading Level + Correction Factor
Correction Factor=Cable Loss + LISN Factor
(The Reading Level is recorded by software which is not shown in the sheet)

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9.2 Emission bandwidth

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.

1、Test Method of 26dB Bandwidth

According to C63.10

a) Set RBW = approximately 1% of the emission bandwidth.
b) Set the VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Limit: No limit

2、Test Method of 6dB Bandwidth

According to C63.10

a) Set RBW = 100KHz
b) Set the video bandwidth (VBW) ≥ 3 × RBW
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Limit: ≥500KHz

3、Test Method of 99% Bandwidth

According to C63.10

a) Set center frequency to the nominal EUT channel center frequency
b) Set span = 1.5 times to 5.0 times the OBW.
c) Set RBW = 1 % to 5 % of the OBW
d) Set VBW ≥ 3 · RBW
e) Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
f) Use the 99 % power bandwidth function of the instrument (if available).
g) If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

Limit: No limit

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26dB Bandwidth Test result:

ETH1:

TestMode	Antenna	Channel [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	21.240	5169.440	5190.680	---	PASS
		5200	21.320	5189.400	5210.720	---	PASS
		5240	21.280	5229.440	5250.720	---	PASS
		5260	21.200	5249.360	5270.560	---	PASS
		5280	21.160	5269.320	5290.480	---	PASS
		5320	21.240	5309.440	5330.680	---	PASS
11N20SISO	Ant0	5180	21.640	5169.120	5190.760	---	PASS
		5200	21.760	5189.160	5210.920	---	PASS
		5240	21.720	5229.160	5250.880	---	PASS
		5260	21.560	5249.160	5270.720	---	PASS
		5280	21.600	5269.200	5290.800	---	PASS
		5320	21.720	5309.080	5330.800	---	PASS
11N40SISO	Ant0	5190	40.560	5169.840	5210.400	---	PASS
		5230	40.480	5209.920	5250.400	---	PASS
		5270	40.400	5249.840	5290.240	---	PASS
		5310	40.640	5289.600	5330.240	---	PASS
11AC20SISO	Ant0	5180	21.600	5169.120	5190.720	---	PASS
		5200	21.520	5189.200	5210.720	---	PASS
		5240	21.480	5229.280	5250.760	---	PASS
		5260	21.520	5249.280	5270.800	---	PASS
		5280	21.480	5269.160	5290.640	---	PASS
		5320	21.600	5309.120	5330.720	---	PASS
11AC40SISO	Ant0	5190	40.560	5169.760	5210.320	---	PASS
		5230	40.560	5209.760	5250.320	---	PASS
		5270	40.320	5249.760	5290.080	---	PASS
		5310	40.560	5289.680	5330.240	---	PASS
11AC80SISO	Ant0	5210	82.720	5168.880	5251.600	---	PASS
		5290	82.080	5248.880	5330.960	---	PASS
11AX20SISO	Ant0	5180	21.480	5169.280	5190.760	---	PASS
11AX40SISO	Ant0	5190	40.560	5169.760	5210.320	---	PASS
11AX20SISO	Ant0	5200	21.640	5189.160	5210.800	---	PASS
11AX80SISO	Ant0	5210	82.080	5169.200	5251.280	---	PASS
11AX40SISO	Ant0	5230	40.400	5209.840	5250.240	---	PASS
11AX20SISO	Ant0	5240	21.560	5229.200	5250.760	---	PASS
		5260	21.480	5249.200	5270.680	---	PASS
11AX40SISO	Ant0	5270	40.320	5249.840	5290.160	---	PASS
11AX20SISO	Ant0	5280	21.560	5269.120	5290.680	---	PASS
11AX80SISO	Ant0	5290	81.760	5249.040	5330.800	---	PASS
11AX40SISO	Ant0	5310	40.400	5289.760	5330.160	---	PASS
11AX20SISO	Ant0	5320	21.480	5309.280	5330.760	---	PASS

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TestMode	Antenna	Channel [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.240	5169.440	5190.680	---	PASS
		5200	21.320	5189.400	5210.720	---	PASS
		5240	21.280	5229.440	5250.720	---	PASS
		5260	21.200	5249.360	5270.560	---	PASS
		5280	21.160	5269.320	5290.480	---	PASS
		5320	21.240	5309.440	5330.680	---	PASS
11N20SISO	Ant1	5180	21.640	5169.120	5190.760	---	PASS
		5200	21.760	5189.160	5210.920	---	PASS
		5240	21.720	5229.160	5250.880	---	PASS
		5260	21.560	5249.160	5270.720	---	PASS
		5280	21.600	5269.200	5290.800	---	PASS
		5320	21.720	5309.080	5330.800	---	PASS
11N40SISO	Ant1	5190	40.560	5169.840	5210.400	---	PASS
		5230	40.480	5209.920	5250.400	---	PASS
		5270	40.400	5249.840	5290.240	---	PASS
		5310	40.640	5289.600	5330.240	---	PASS
11AC20SISO	Ant1	5180	21.600	5169.120	5190.720	---	PASS
		5200	21.520	5189.200	5210.720	---	PASS
		5240	21.480	5229.280	5250.760	---	PASS
		5260	21.520	5249.280	5270.800	---	PASS
		5280	21.480	5269.160	5290.640	---	PASS
		5320	21.600	5309.120	5330.720	---	PASS
11AC40SISO	Ant1	5190	40.560	5169.760	5210.320	---	PASS
		5230	40.560	5209.760	5250.320	---	PASS
		5270	40.320	5249.760	5290.080	---	PASS
		5310	40.560	5289.680	5330.240	---	PASS
11AC80SISO	Ant1	5210	82.720	5168.880	5251.600	---	PASS
		5290	82.080	5248.880	5330.960	---	PASS
11AX20SISO	Ant1	5180	21.480	5169.280	5190.760	---	PASS
11AX40SISO	Ant1	5190	40.560	5169.760	5210.320	---	PASS
11AX20SISO	Ant1	5200	21.640	5189.160	5210.800	---	PASS
11AX80SISO	Ant1	5210	82.080	5169.200	5251.280	---	PASS
11AX40SISO	Ant1	5230	40.400	5209.840	5250.240	---	PASS
11AX20SISO	Ant1	5240	21.560	5229.200	5250.760	---	PASS
		5260	21.480	5249.200	5270.680	---	PASS
11AX40SISO	Ant1	5270	40.320	5249.840	5290.160	---	PASS
11AX20SISO	Ant1	5280	21.560	5269.120	5290.680	---	PASS
11AX80SISO	Ant1	5290	81.760	5249.040	5330.800	---	PASS
11AX40SISO	Ant1	5310	40.400	5289.760	5330.160	---	PASS
11AX20SISO	Ant1	5320	21.480	5309.280	5330.760	---	PASS

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ETH2:

TestMode	Antenna	Channel [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	21.240	5169.440	5190.680	---	PASS
		5200	21.240	5189.440	5210.680	---	PASS
		5240	21.280	5229.400	5250.680	---	PASS
		5260	21.200	5249.400	5270.600	---	PASS
		5280	21.360	5269.360	5290.720	---	PASS
		5320	21.200	5309.440	5330.640	---	PASS
		5500	21.200	5489.440	5510.640	---	PASS
		5580	21.240	5569.440	5590.680	---	PASS
		5700	21.320	5689.400	5710.720	---	PASS
		5720	21.320	5709.400	5730.720	---	PASS
		5720_UNII-2C	15.6	5709.400	5725	---	PASS
		5720_UNII-3	5.72	5725	5730.720	---	PASS
		5745	21.240	5734.440	5755.680	---	PASS
		5785	21.200	5774.400	5795.600	---	PASS
		5825	21.240	5814.400	5835.640	---	PASS
11N20SISO	Ant0	5180	21.720	5169.160	5190.880	---	PASS
		5200	21.680	5189.200	5210.880	---	PASS
		5240	21.560	5229.200	5250.760	---	PASS
		5260	21.760	5249.160	5270.920	---	PASS
		5280	21.800	5269.120	5290.920	---	PASS
		5320	21.720	5309.120	5330.840	---	PASS
		5500	21.640	5489.160	5510.800	---	PASS
		5580	21.600	5569.200	5590.800	---	PASS
		5700	21.520	5689.200	5710.720	---	PASS
		5720	21.600	5709.200	5730.800	---	PASS
		5720_UNII-2C	15.8	5709.200	5725	---	PASS
		5720_UNII-3	5.8	5725	5730.800	---	PASS
		5745	21.640	5734.160	5755.800	---	PASS
		5785	21.760	5774.160	5795.920	---	PASS
		5825	21.800	5814.080	5835.880	---	PASS
11N40SISO	Ant0	5190	40.320	5169.920	5210.240	---	PASS
		5230	40.400	5209.840	5250.240	---	PASS
		5270	40.400	5249.840	5290.240	---	PASS
		5310	40.480	5289.840	5330.320	---	PASS
		5510	40.480	5489.840	5530.320	---	PASS
		5550	40.480	5529.840	5570.320	---	PASS
		5670	40.480	5649.840	5690.320	---	PASS
		5710	40.480	5689.840	5730.320	---	PASS
		5710_UNII-2C	35.16	5689.840	5725	---	PASS
		5710_UNII-3	5.32	5725	5730.320	---	PASS
		5755	40.400	5734.840	5775.240	---	PASS
		5795	40.400	5774.840	5815.240	---	PASS
11AC20SISO	Ant0	5180	21.480	5169.240	5190.720	---	PASS
		5200	21.440	5189.240	5210.680	---	PASS
		5240	21.440	5229.240	5250.680	---	PASS
		5260	21.520	5249.200	5270.720	---	PASS
		5280	21.440	5269.280	5290.720	---	PASS
		5320	21.440	5309.240	5330.680	---	PASS
		5500	21.440	5489.240	5510.680	---	PASS
		5580	21.560	5569.200	5590.760	---	PASS
		5700	21.480	5689.240	5710.720	---	PASS
		5720	21.480	5709.280	5730.760	---	PASS
		5720_UNII-2C	15.72	5709.280	5725	---	PASS
		5720_UNII-3	5.76	5725	5730.760	---	PASS
		5745	21.520	5734.200	5755.720	---	PASS
		5785	21.560	5774.240	5795.800	---	PASS
		5825	21.480	5814.240	5835.720	---	PASS
11AC40SISO	Ant0	5190	40.400	5169.840	5210.240	---	PASS
		5230	40.400	5209.840	5250.240	---	PASS
		5270	40.400	5249.840	5290.240	---	PASS
		5310	40.160	5289.920	5330.080	---	PASS

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Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
Fax: +86 755 8828 5299

		5510	40.400	5489.760	5530.160	---	PASS
		5550	40.480	5529.760	5570.240	---	PASS
		5670	40.480	5649.760	5690.240	---	PASS
		5710	40.480	5689.760	5730.240	---	PASS
		5710_UNII-2C	35.24	5689.760	5725	---	PASS
		5710_UNII-3	5.24	5725	5730.240	---	PASS
		5755	40.560	5734.760	5775.320	---	PASS
		5795	40.400	5774.840	5815.240	---	PASS
11AC80SISO	Ant0	5210	82.080	5169.040	5251.120	---	PASS
		5290	82.240	5249.040	5331.280	---	PASS
		5530	82.400	5488.720	5571.120	---	PASS
		5610	82.560	5568.720	5651.280	---	PASS
		5690	82.240	5649.040	5731.280	---	PASS
		5690_UNII-2C	75.96	5649.040	5725	---	PASS
		5690_UNII-3	6.28	5725	5731.280	---	PASS
		5775	82.240	5734.040	5816.280	---	PASS
11AX20SISO	Ant0	5180	21.640	5169.200	5190.840	---	PASS
11AX40SISO	Ant0	5190	40.400	5169.840	5210.240	---	PASS
11AX20SISO	Ant0	5200	21.600	5189.200	5210.800	---	PASS
11AX80SISO	Ant0	5210	81.760	5169.360	5251.120	---	PASS
11AX40SISO	Ant0	5230	40.400	5209.840	5250.240	---	PASS
11AX20SISO	Ant0	5240	21.440	5229.200	5250.640	---	PASS
		5260	21.600	5249.200	5270.800	---	PASS
11AX40SISO	Ant0	5270	40.400	5249.840	5290.240	---	PASS
11AX20SISO	Ant0	5280	21.640	5269.160	5290.800	---	PASS
11AX80SISO	Ant0	5290	81.920	5249.200	5331.120	---	PASS
11AX40SISO	Ant0	5310	40.400	5289.840	5330.240	---	PASS
11AX20SISO	Ant0	5320	21.600	5309.160	5330.760	---	PASS
		5500	21.480	5489.280	5510.760	---	PASS
11AX40SISO	Ant0	5510	40.480	5489.760	5530.240	---	PASS
11AX80SISO	Ant0	5530	81.920	5489.200	5571.120	---	PASS
11AX40SISO	Ant0	5550	40.400	5529.840	5570.240	---	PASS
11AX20SISO	Ant0	5580	21.560	5569.200	5590.760	---	PASS
11AX80SISO	Ant0	5610	82.080	5569.040	5651.120	---	PASS
11AX40SISO	Ant0	5670	40.480	5649.840	5690.320	---	PASS
11AX80SISO	Ant0	5690	82.080	5649.040	5731.120	---	PASS
		5690_UNII-2C	75.96	5649.040	5725	---	PASS
		5690_UNII-3	6.12	5725	5731.120	---	PASS
11AX20SISO	Ant0	5700	21.560	5689.240	5710.800	---	PASS
11AX40SISO	Ant0	5710	40.400	5689.840	5730.240	---	PASS
		5710_UNII-2C	35.16	5689.840	5725	---	PASS
		5710_UNII-3	5.24	5725	5730.240	---	PASS
11AX20SISO	Ant0	5720	21.600	5709.200	5730.800	---	PASS
		5720_UNII-2C	15.8	5709.200	5725	---	PASS
		5720_UNII-3	5.8	5725	5730.800	---	PASS
		5745	21.600	5734.160	5755.760	---	PASS
11AX40SISO	Ant0	5755	40.480	5734.760	5775.240	---	PASS
11AX80SISO	Ant0	5775	81.760	5734.200	5815.960	---	PASS
11AX20SISO	Ant0	5785	21.520	5774.240	5795.760	---	PASS
11AX40SISO	Ant0	5795	40.400	5774.840	5815.240	---	PASS
11AX20SISO	Ant0	5825	21.560	5814.200	5835.760	---	PASS

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TestMode	Antenna	Channel [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.120	5169.480	5190.600	---	PASS
		5200	21.280	5189.400	5210.680	---	PASS
		5240	21.160	5229.480	5250.640	---	PASS
		5260	21.200	5249.440	5270.640	---	PASS
		5280	21.280	5269.400	5290.680	---	PASS
		5320	21.200	5309.440	5330.640	---	PASS
		5500	21.200	5489.440	5510.640	---	PASS
		5580	21.240	5569.400	5590.640	---	PASS
		5700	21.240	5689.440	5710.680	---	PASS
		5720	21.240	5709.440	5730.680	---	PASS
		5720_UNII-2C	15.56	5709.440	5725	---	PASS
		5720_UNII-3	5.68	5725	5730.680	---	PASS
		5745	21.280	5734.440	5755.720	---	PASS
		5785	21.240	5774.440	5795.680	---	PASS
		5825	21.200	5814.400	5835.600	---	PASS
11N20SISO	Ant1	5180	21.720	5169.080	5190.800	---	PASS
		5200	21.640	5189.160	5210.800	---	PASS
		5240	21.600	5229.160	5250.760	---	PASS
		5260	21.600	5249.160	5270.760	---	PASS
		5280	21.800	5269.120	5290.920	---	PASS
		5320	21.720	5309.160	5330.880	---	PASS
		5500	21.600	5489.120	5510.720	---	PASS
		5580	21.560	5569.280	5590.840	---	PASS
		5700	21.720	5689.160	5710.880	---	PASS
		5720	21.640	5709.280	5730.920	---	PASS
		5720_UNII-2C	15.72	5709.280	5725	---	PASS
		5720_UNII-3	5.92	5725	5730.920	---	PASS
		5745	5.880	5725.000	5730.880	---	PASS
		5785	21.760	5774.160	5795.920	---	PASS
		5825	21.640	5814.200	5835.840	---	PASS
11N40SISO	Ant1	5190	40.400	5169.840	5210.240	---	PASS
		5230	40.400	5209.840	5250.240	---	PASS
		5270	40.320	5249.920	5290.240	---	PASS
		5310	40.480	5289.840	5330.320	---	PASS
		5510	40.400	5489.840	5530.240	---	PASS
		5550	40.480	5529.840	5570.320	---	PASS
		5670	40.480	5649.840	5690.320	---	PASS
		5710	40.480	5689.840	5730.320	---	PASS
		5710_UNII-2C	35.16	5689.840	5725	---	PASS
		5710_UNII-3	5.32	5725	5730.320	---	PASS
		5755	40.480	5734.840	5775.320	---	PASS
		5795	40.320	5774.920	5815.240	---	PASS
11AC20SISO	Ant1	5180	21.560	5169.200	5190.760	---	PASS
		5200	21.560	5189.200	5210.760	---	PASS
		5240	21.520	5229.240	5250.760	---	PASS
		5260	21.480	5249.240	5270.720	---	PASS
		5280	21.400	5269.320	5290.720	---	PASS
		5320	21.440	5309.240	5330.680	---	PASS
		5500	21.520	5489.200	5510.720	---	PASS
		5580	21.520	5569.240	5590.760	---	PASS
		5700	21.680	5689.200	5710.880	---	PASS
		5720	21.560	5709.240	5730.800	---	PASS
		5720_UNII-2C	15.76	5709.240	5725	---	PASS
		5720_UNII-3	5.8	5725	5730.800	---	PASS
		5745	21.560	5734.240	5755.800	---	PASS
		5785	21.560	5774.200	5795.760	---	PASS
		5825	21.520	5814.240	5835.760	---	PASS
11AC40SISO	Ant1	5190	40.400	5169.840	5210.240	---	PASS
		5230	40.400	5209.840	5250.240	---	PASS
		5270	40.400	5249.840	5290.240	---	PASS
		5310	40.400	5289.760	5330.160	---	PASS

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		5510	40.480	5489.760	5530.240	---	PASS
		5550	40.480	5529.760	5570.240	---	PASS
		5670	40.480	5649.760	5690.240	---	PASS
		5710	40.560	5689.760	5730.320	---	PASS
		5710_UNII-2C	35.24	5689.760	5725	---	PASS
		5710_UNII-3	5.32	5725	5730.320	---	PASS
		5755	40.480	5734.840	5775.320	---	PASS
		5795	40.400	5774.840	5815.240	---	PASS
11AC80SISO	Ant1	5210	82.560	5168.880	5251.440	---	PASS
		5290	82.240	5249.040	5331.280	---	PASS
		5530	82.400	5488.720	5571.120	---	PASS
		5610	82.240	5569.040	5651.280	---	PASS
		5690	82.400	5649.040	5731.440	---	PASS
		5690_UNII-2C	75.96	5649.040	5725	---	PASS
		5690_UNII-3	6.44	5725	5731.440	---	PASS
		5775	82.400	5734.040	5816.440	---	PASS
11AX20SISO	Ant1	5180	21.640	5169.160	5190.800	---	PASS
11AX40SISO	Ant1	5190	40.480	5169.760	5210.240	---	PASS
11AX20SISO	Ant1	5200	21.520	5189.280	5210.800	---	PASS
11AX80SISO	Ant1	5210	81.760	5169.360	5251.120	---	PASS
11AX40SISO	Ant1	5230	40.400	5209.840	5250.240	---	PASS
11AX20SISO	Ant1	5240	21.560	5229.240	5250.800	---	PASS
		5260	21.520	5249.240	5270.760	---	PASS
11AX40SISO	Ant1	5270	40.400	5249.840	5290.240	---	PASS
11AX20SISO	Ant1	5280	21.640	5269.120	5290.760	---	PASS
11AX80SISO	Ant1	5290	81.920	5249.200	5331.120	---	PASS
11AX40SISO	Ant1	5310	40.480	5289.760	5330.240	---	PASS
11AX20SISO	Ant1	5320	21.480	5309.200	5330.680	---	PASS
		5500	21.480	5489.280	5510.760	---	PASS
11AX40SISO	Ant1	5510	40.400	5489.840	5530.240	---	PASS
11AX80SISO	Ant1	5530	81.600	5489.360	5570.960	---	PASS
11AX40SISO	Ant1	5550	40.560	5529.680	5570.240	---	PASS
11AX20SISO	Ant1	5580	21.320	5569.320	5590.640	---	PASS
11AX80SISO	Ant1	5610	81.920	5569.200	5651.120	---	PASS
11AX40SISO	Ant1	5670	40.400	5649.840	5690.240	---	PASS
11AX80SISO	Ant1	5690	82.080	5649.200	5731.280	---	PASS
		5690_UNII-2C	75.8	5649.200	5725	---	PASS
		5690_UNII-3	6.28	5725	5731.280	---	PASS
11AX20SISO	Ant1	5700	21.560	5689.200	5710.760	---	PASS
11AX40SISO	Ant1	5710	40.400	5689.840	5730.240	---	PASS
		5710_UNII-2C	35.16	5689.840	5725	---	PASS
		5710_UNII-3	5.24	5725	5730.240	---	PASS
11AX20SISO	Ant1	5720	21.600	5709.200	5730.800	---	PASS
		5720_UNII-2C	15.8	5709.200	5725	---	PASS
		5720_UNII-3	5.8	5725	5730.800	---	PASS
		5745	21.640	5734.160	5755.800	---	PASS
11AX40SISO	Ant1	5755	40.400	5734.840	5775.240	---	PASS
11AX80SISO	Ant1	5775	81.760	5734.360	5816.120	---	PASS
11AX20SISO	Ant1	5785	21.400	5774.320	5795.720	---	PASS
11AX40SISO	Ant1	5795	40.400	5774.840	5815.240	---	PASS
11AX20SISO	Ant1	5825	21.400	5814.320	5835.720	---	PASS

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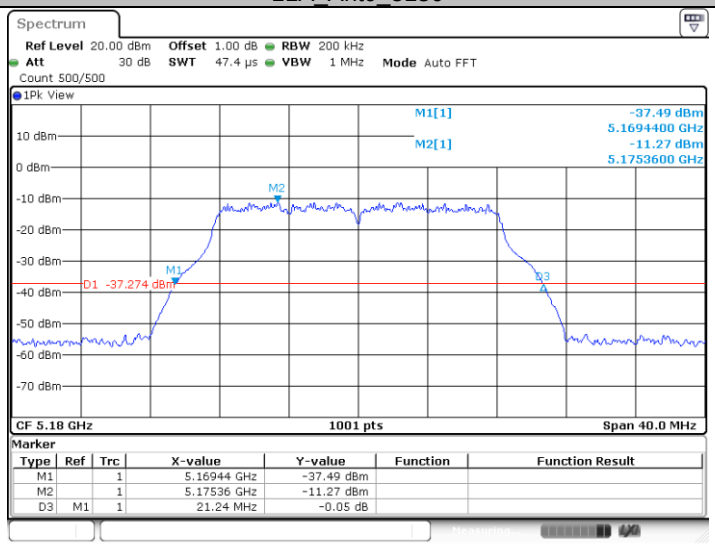
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
Fax: +86 755 8828 5299

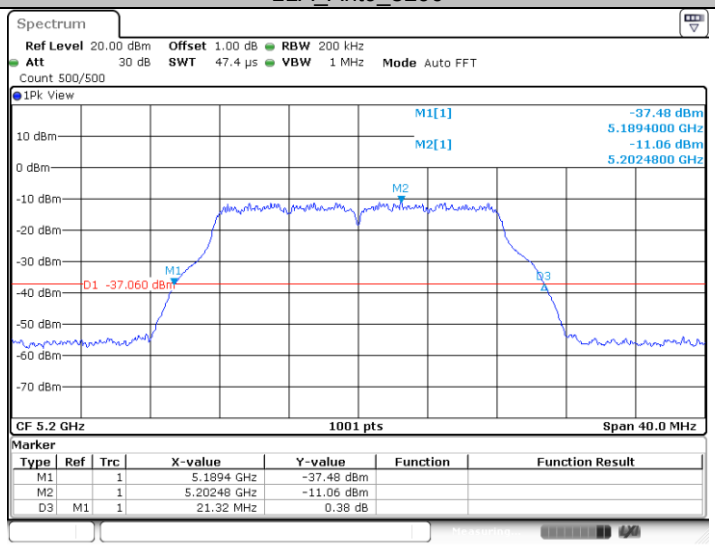
ETH1:

11A_Ant0_5180



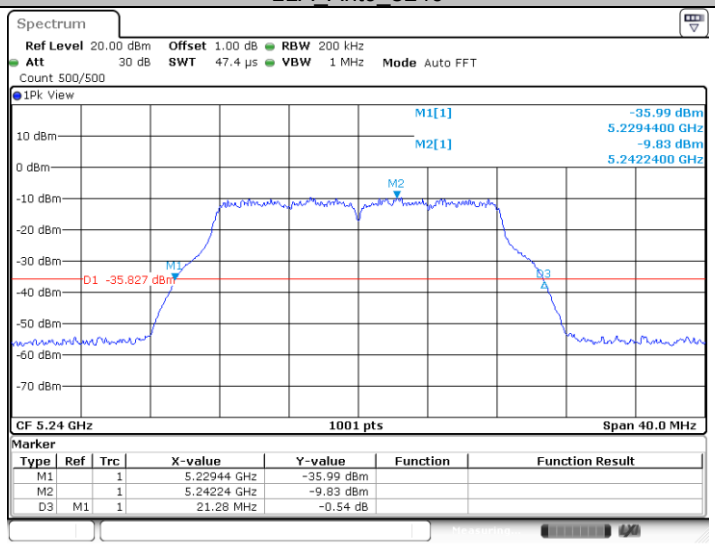
Date: 28.OCT.2021 12:32:01

11A_Ant0_5200



Date: 28.OCT.2021 12:33:59

11A_Ant0_5240



Date: 28.OCT.2021 12:36:13

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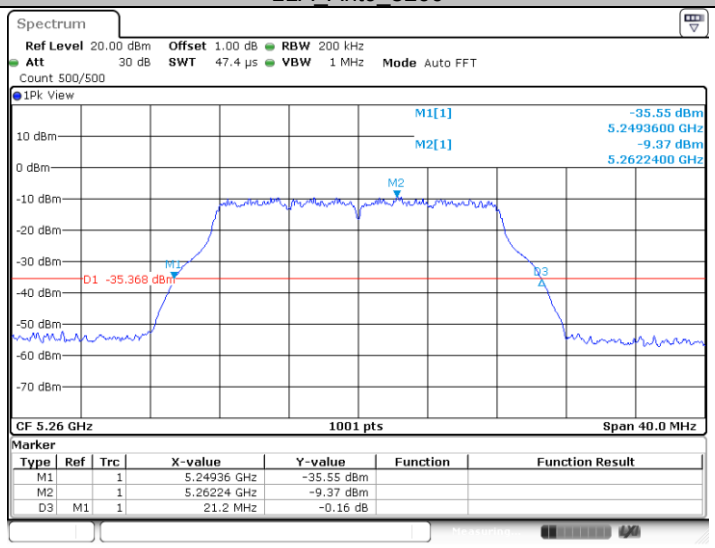
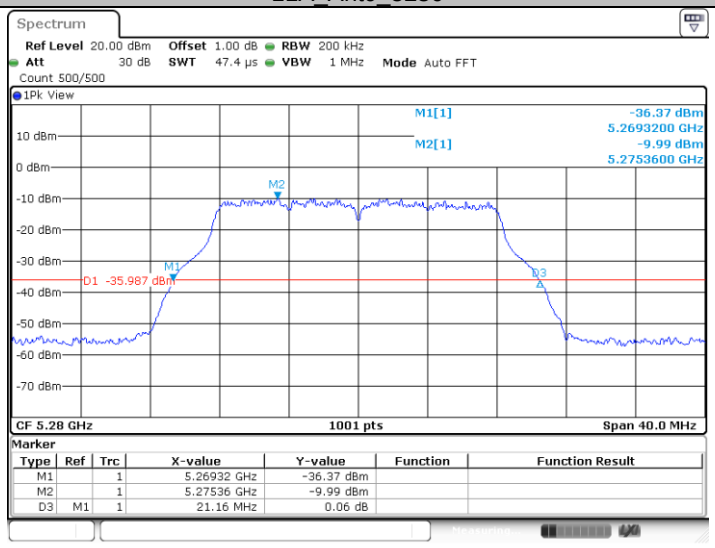
Fax: +86 755 8828 5299

11A_Ant0_5260



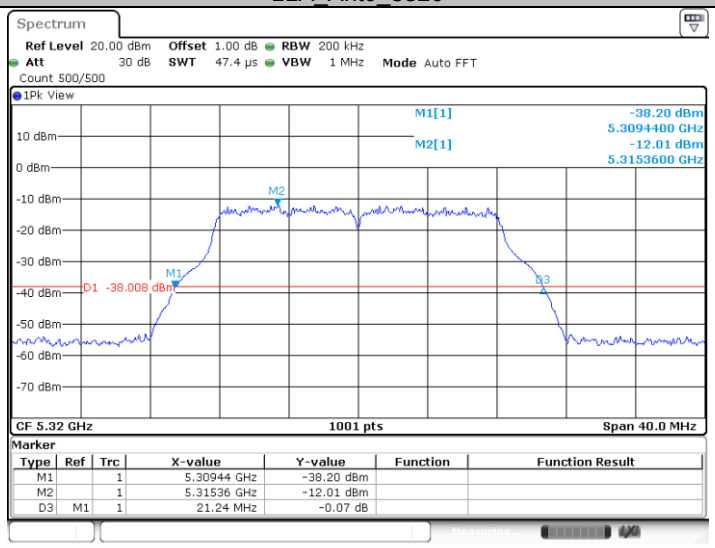
Date: 28.OCT.2021 12:37:53

11A_Ant0_5280



Date: 28.OCT.2021 12:39:30

11A_Ant0_5320



Date: 28.OCT.2021 12:41:33

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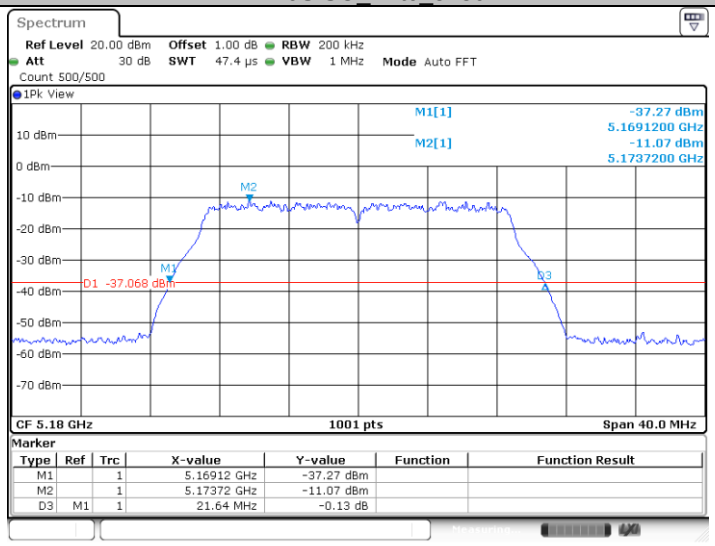
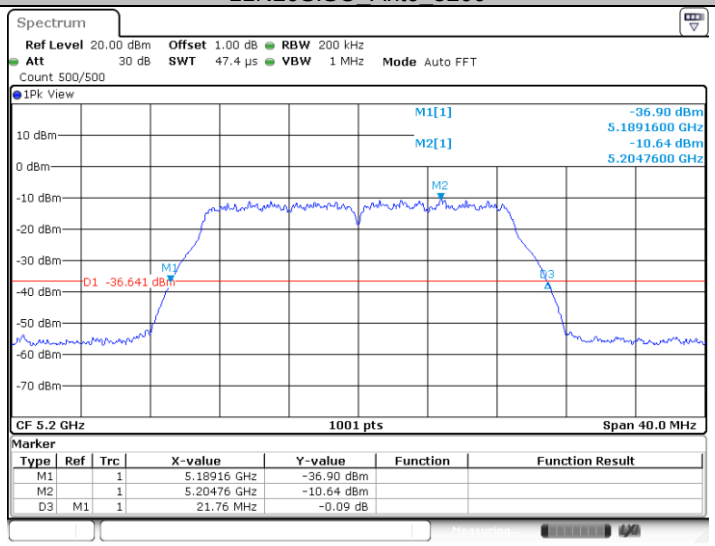
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
Fax: +86 755 8828 5299

11N20SISO_Ant0_5180



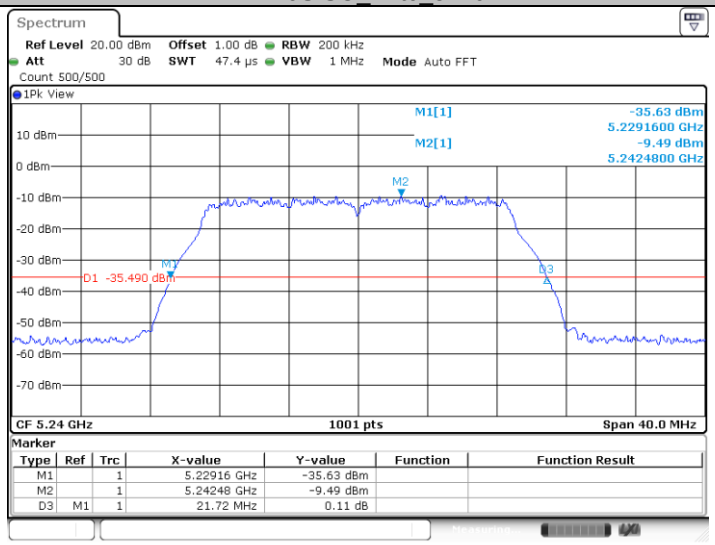
Date: 28.OCT.2021 12:45:05

11N20SISO_Ant0_5200



Date: 28.OCT.2021 12:47:09

11N20SISO_Ant0_5240



Date: 28.OCT.2021 12:48:54

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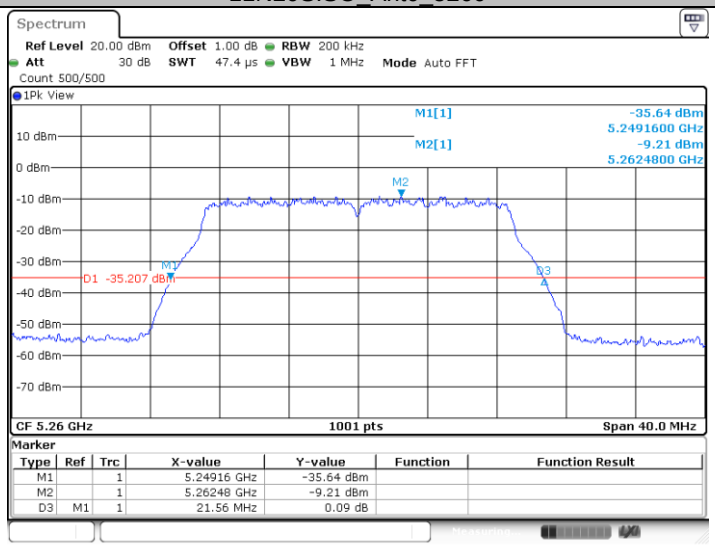
Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2,
Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
Fax: +86 755 8828 5299

11N20SISO_Ant0_5260



Date: 28.OCT.2021 12:50:24

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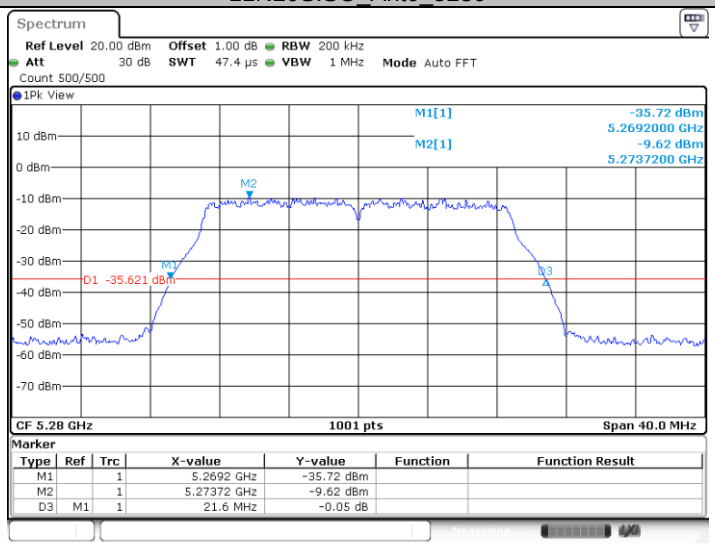

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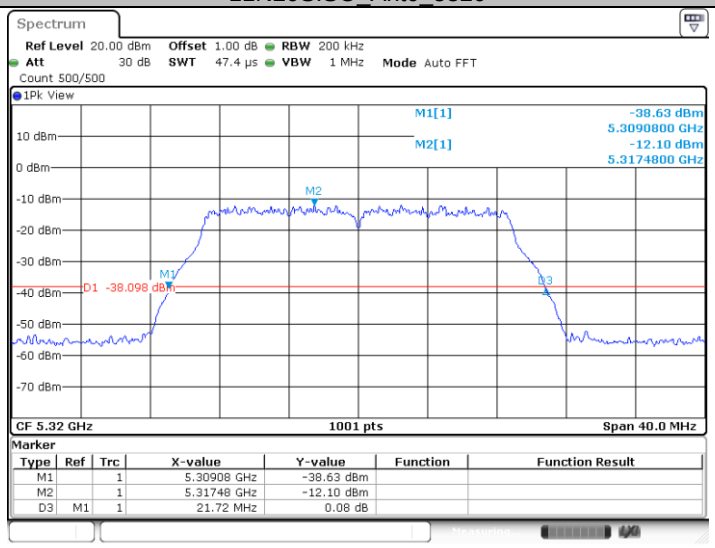

Date: 28.OCT.2021 13:23:11

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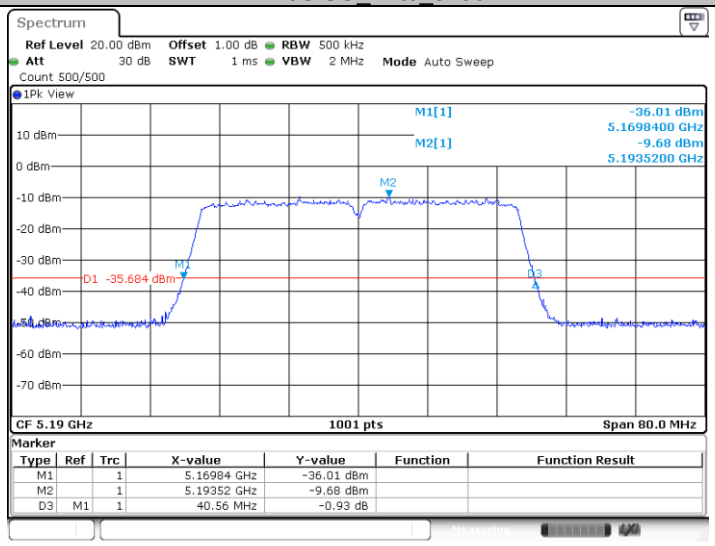
11N40SISO_Ant0_5190



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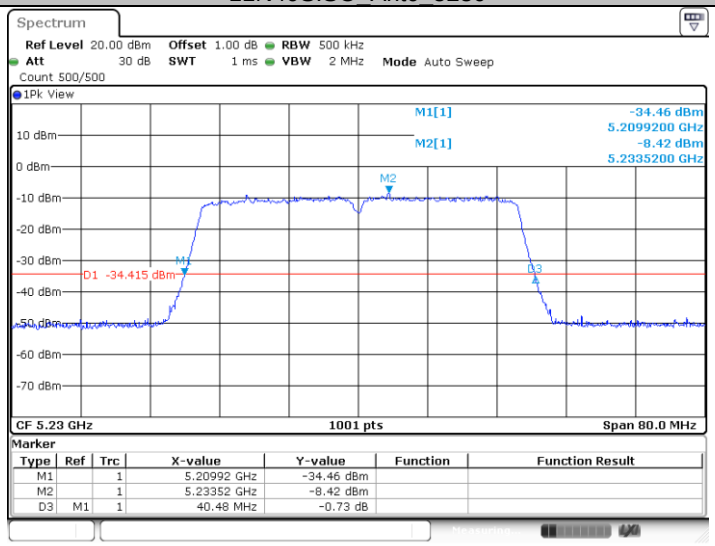

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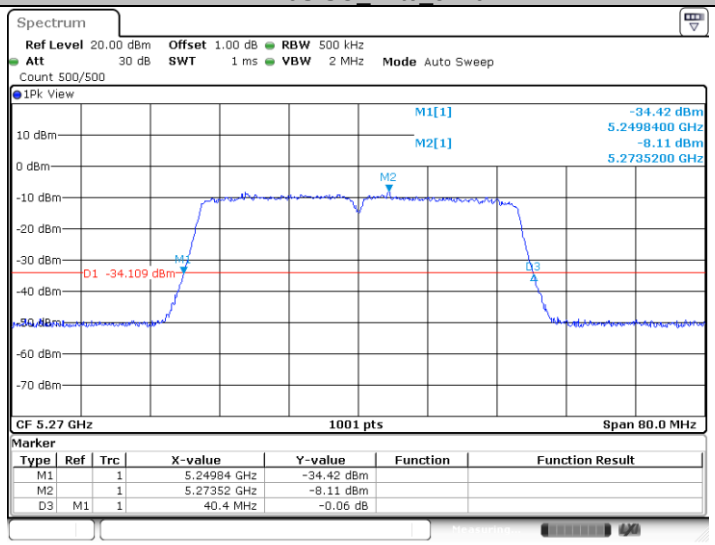

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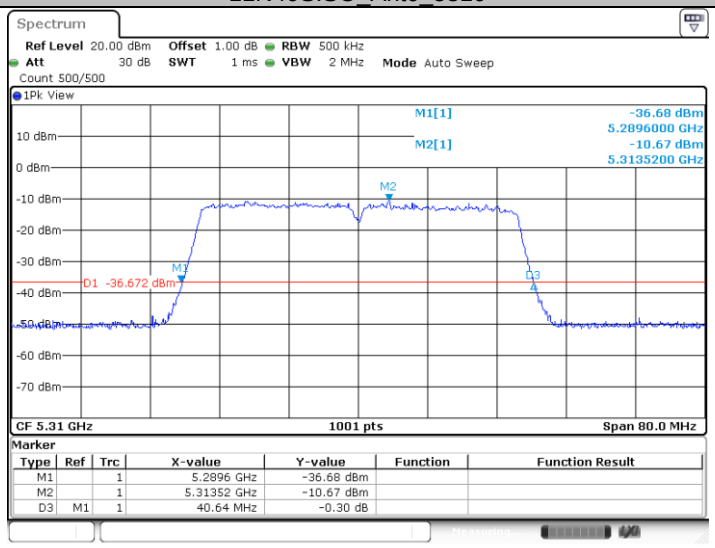

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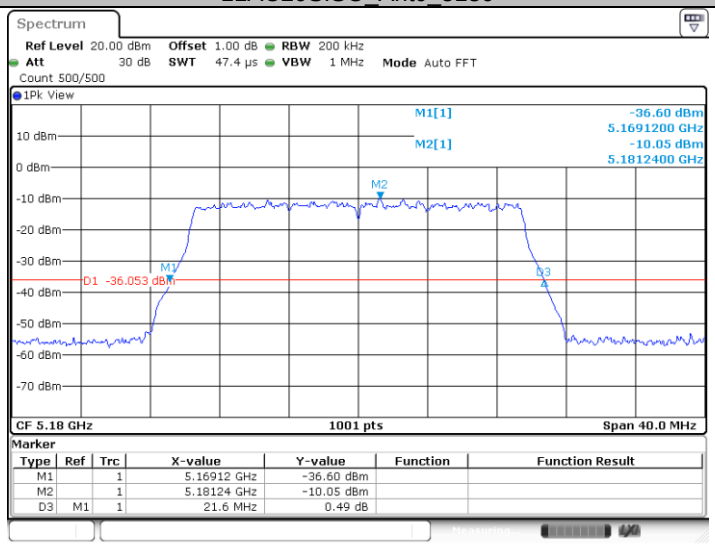

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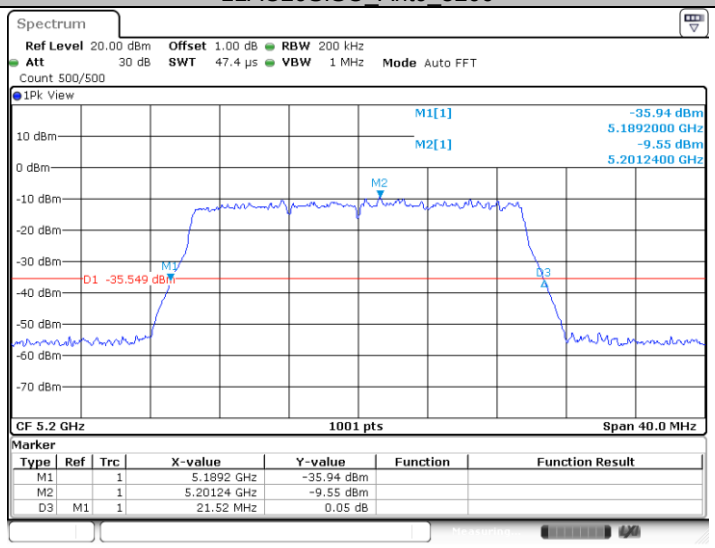

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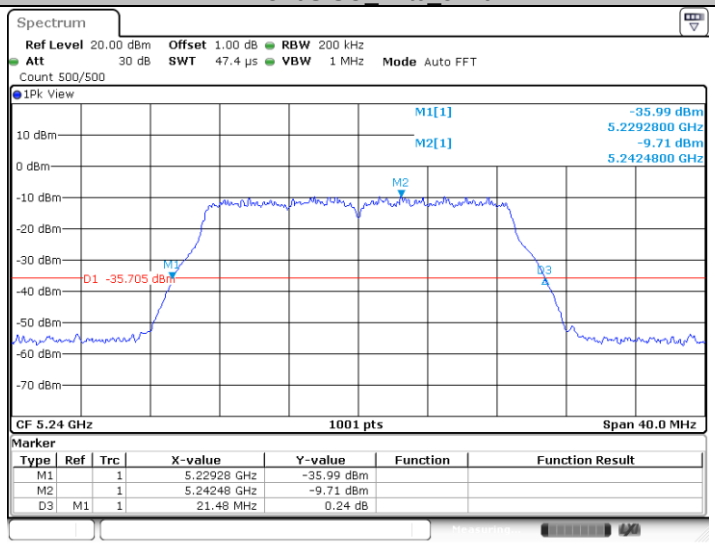

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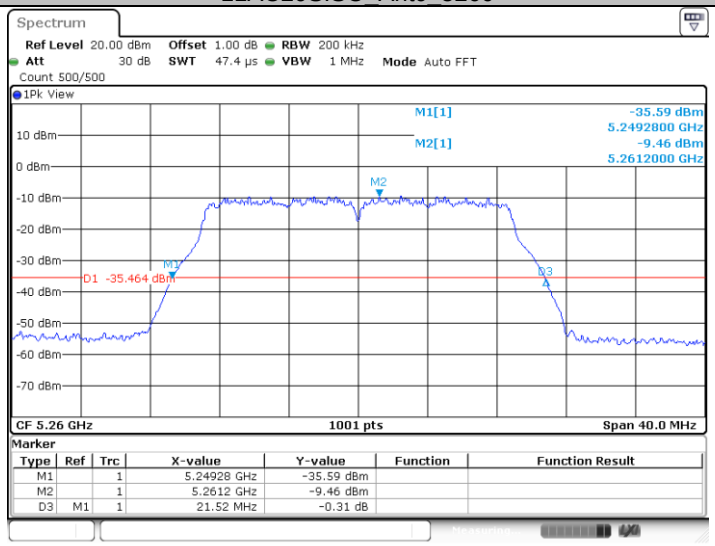

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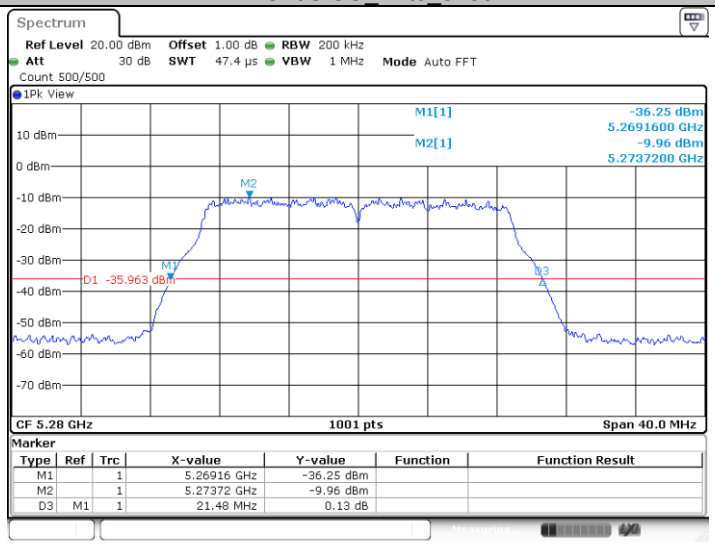

Date: 28.OCT.2021 14:36:14

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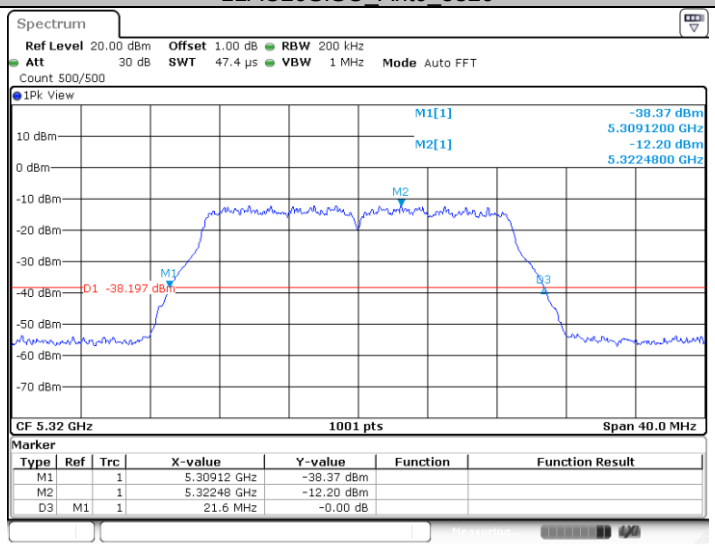

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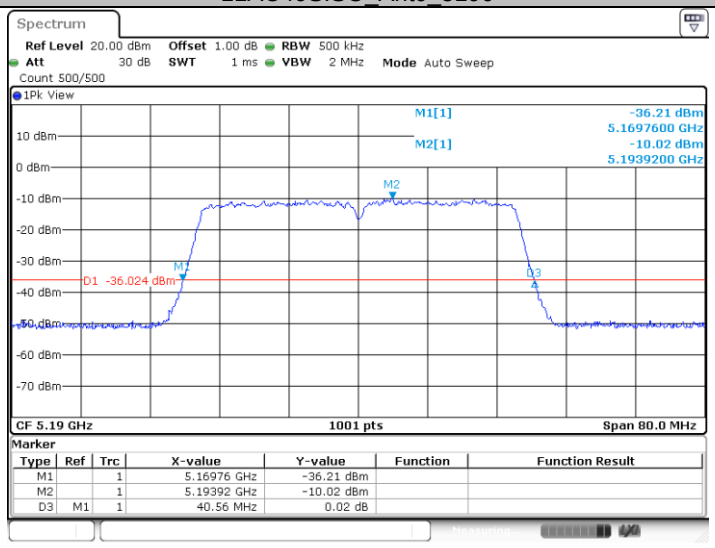

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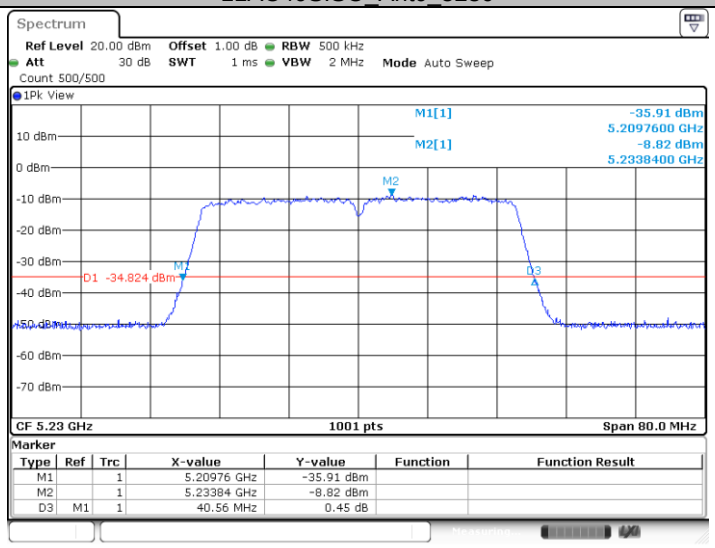

Date: 28.OCT.2021 14:42:24

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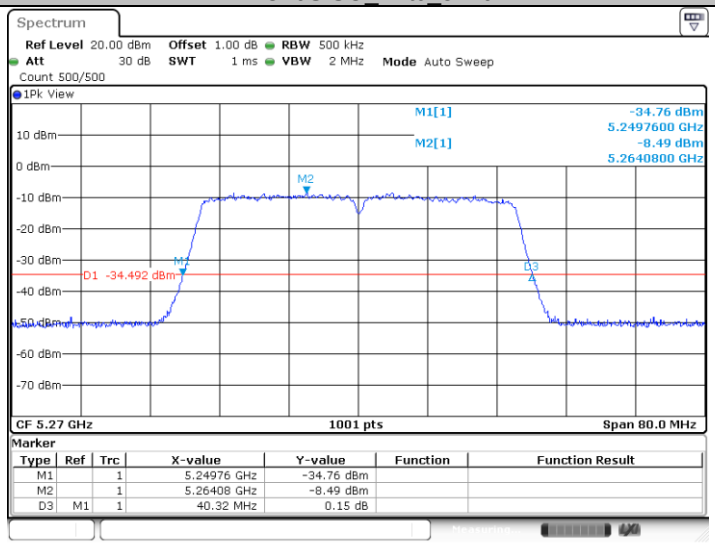

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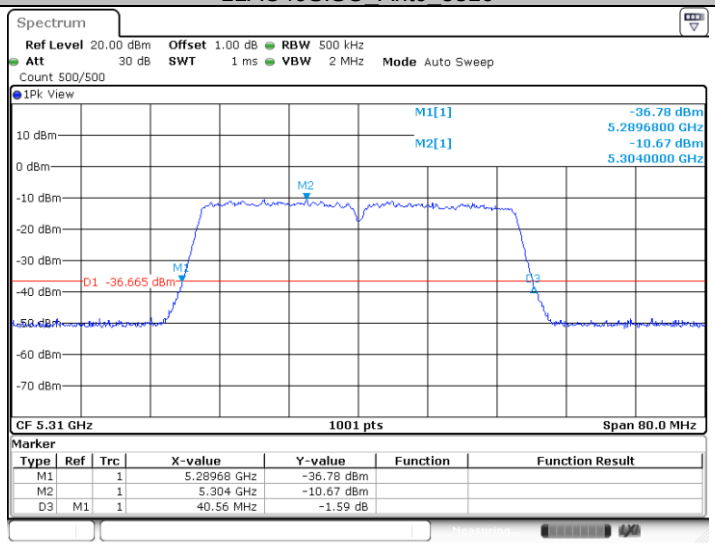

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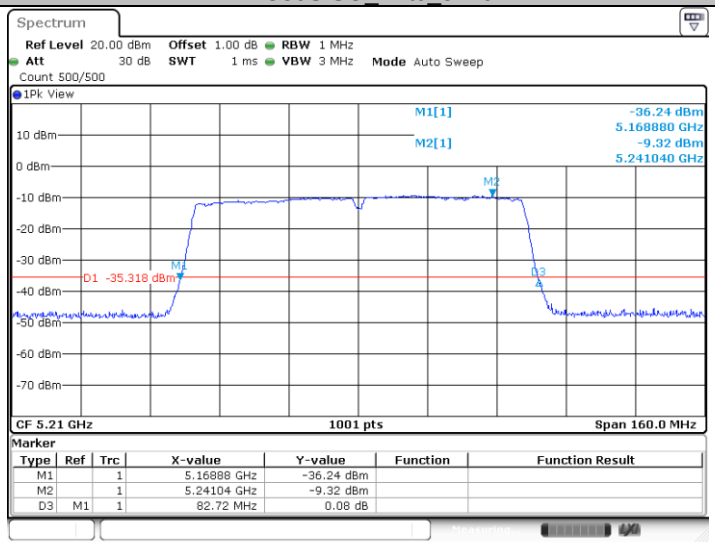

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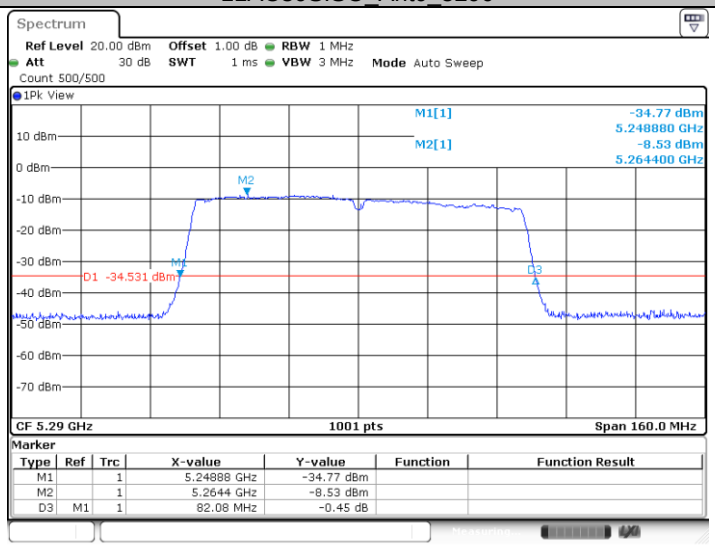

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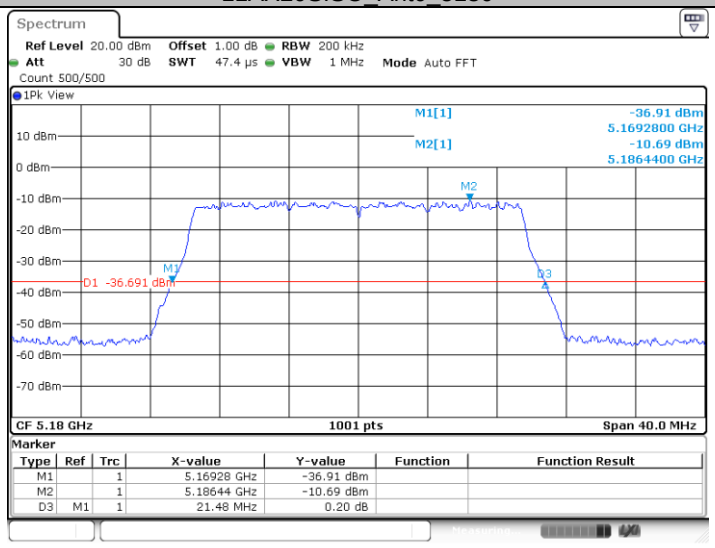

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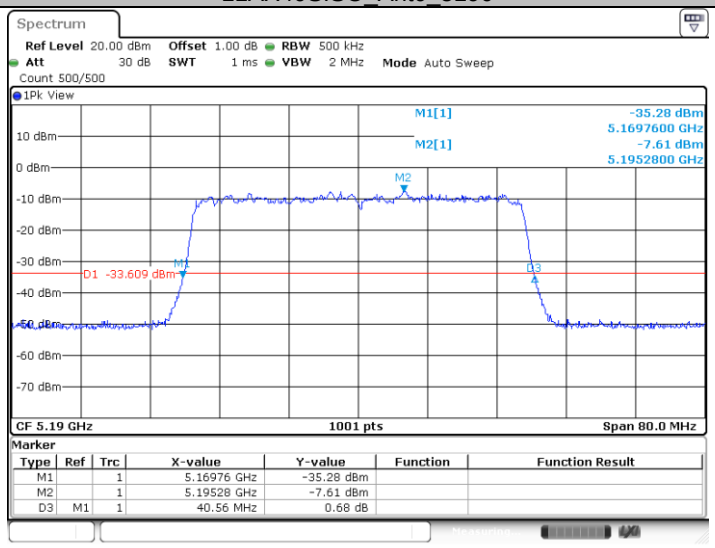

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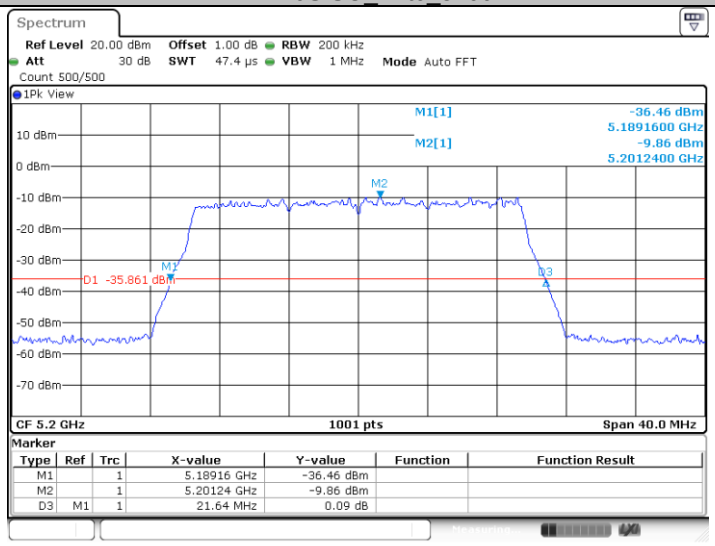

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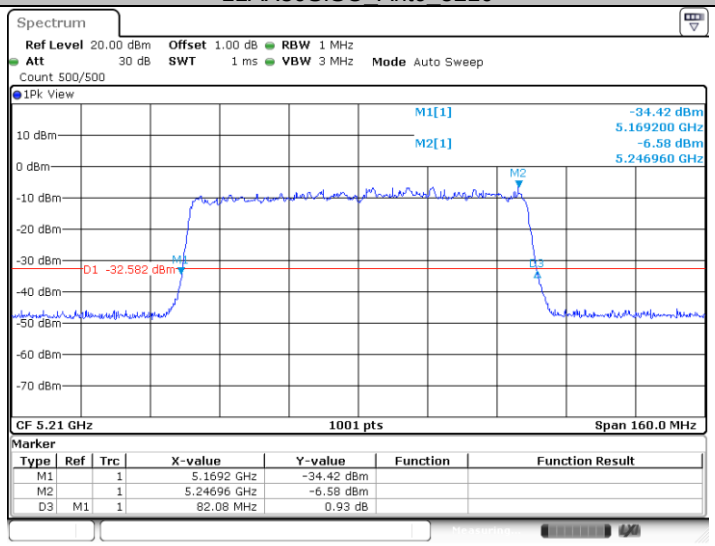

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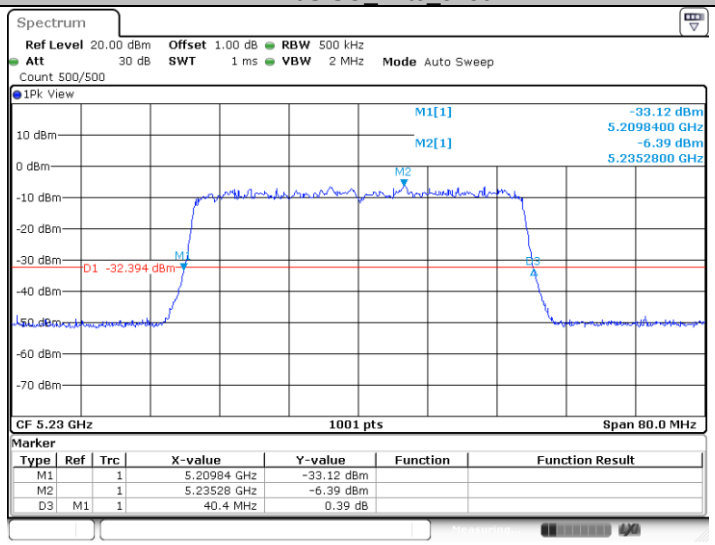

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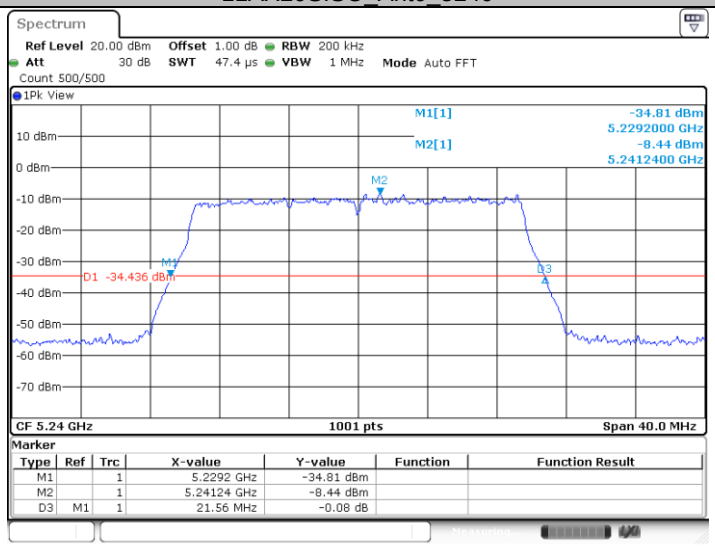

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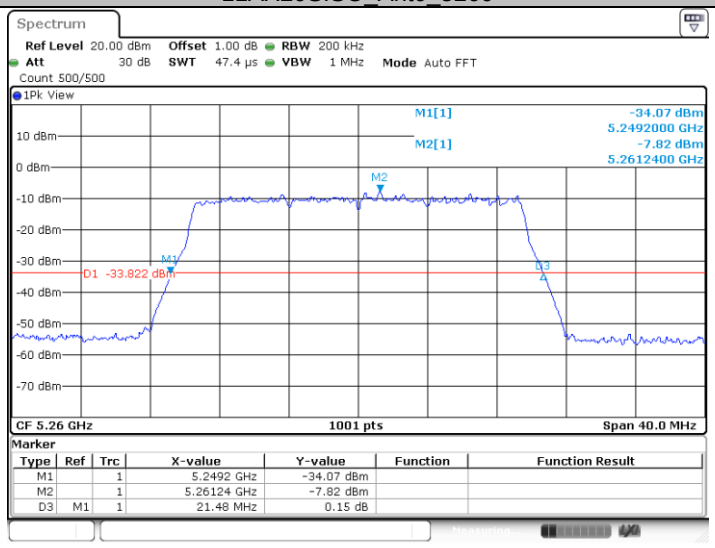

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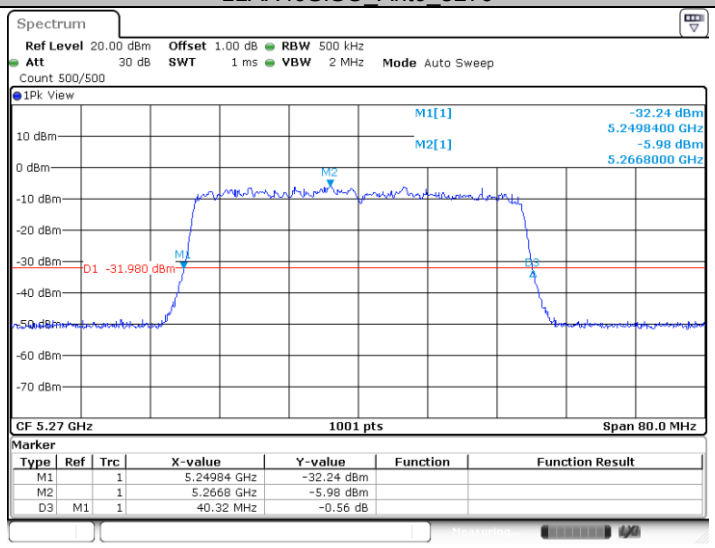

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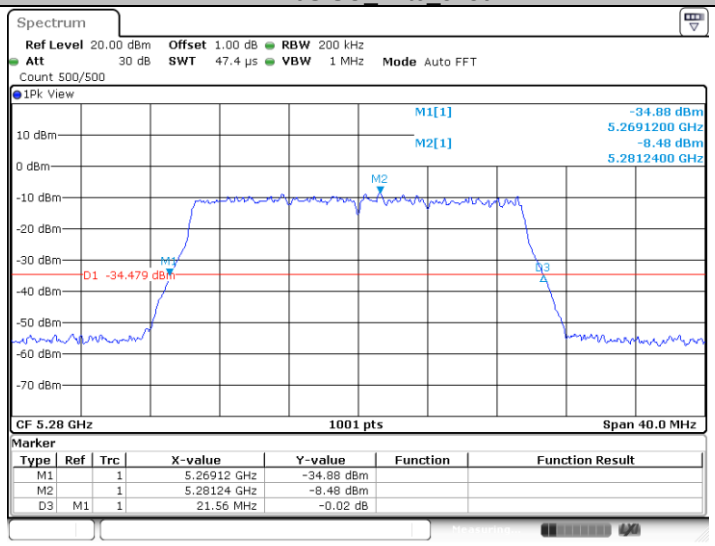

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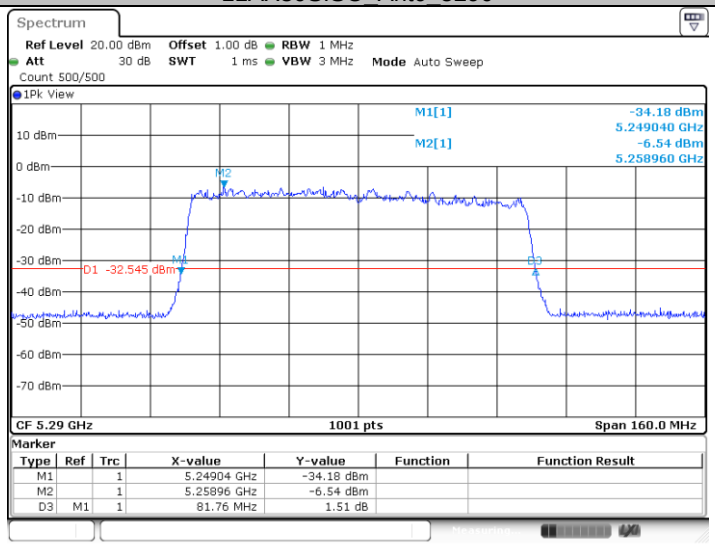

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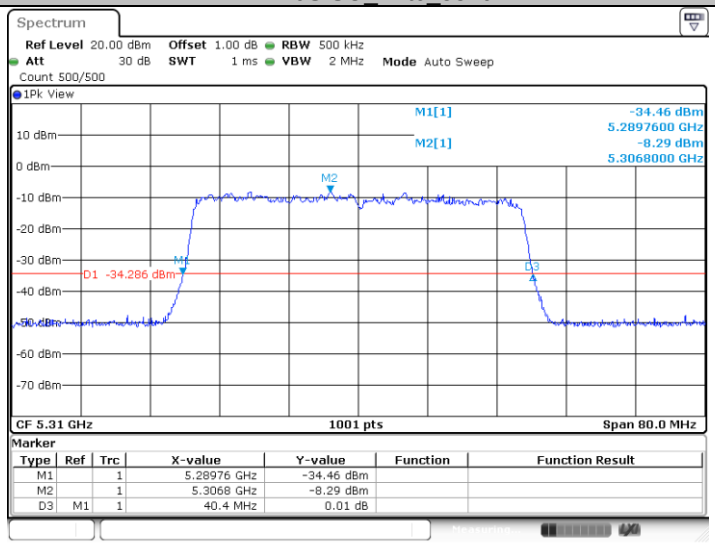

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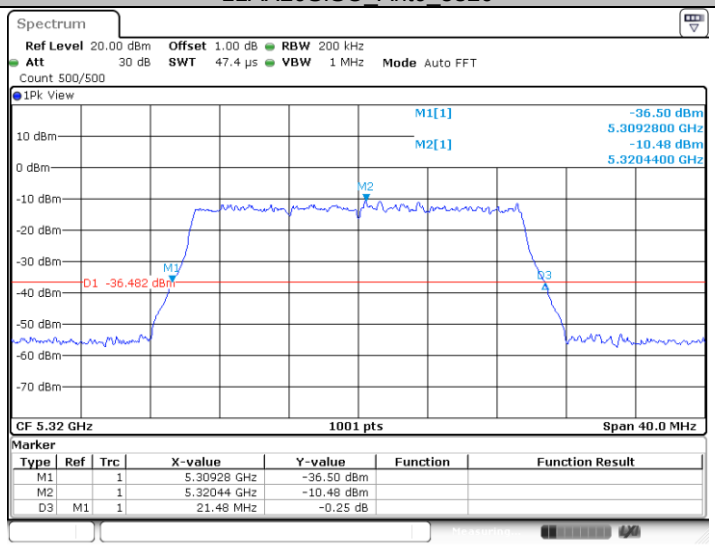

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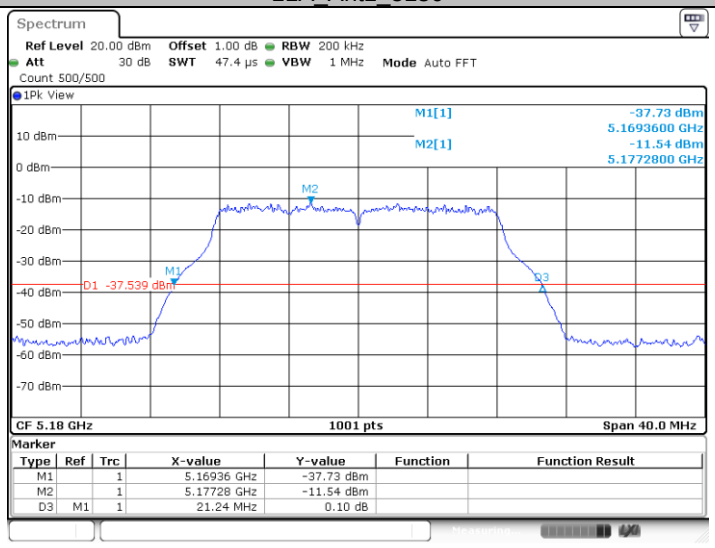

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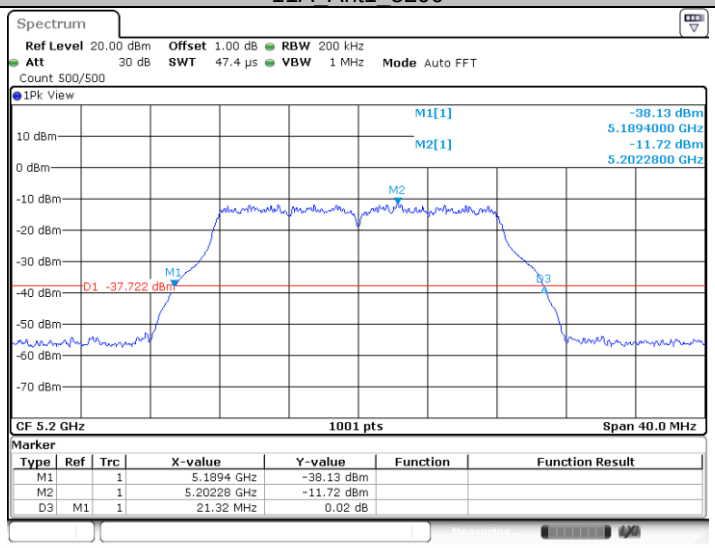

Date: 28.OCT.2021 15:23:28

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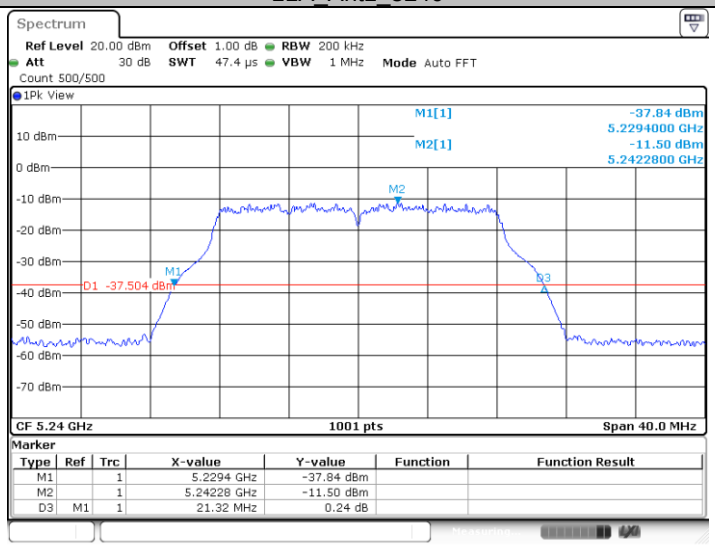

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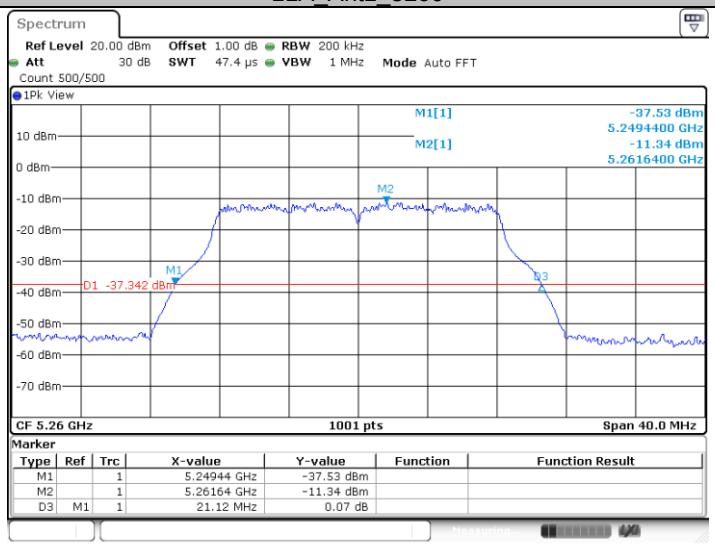

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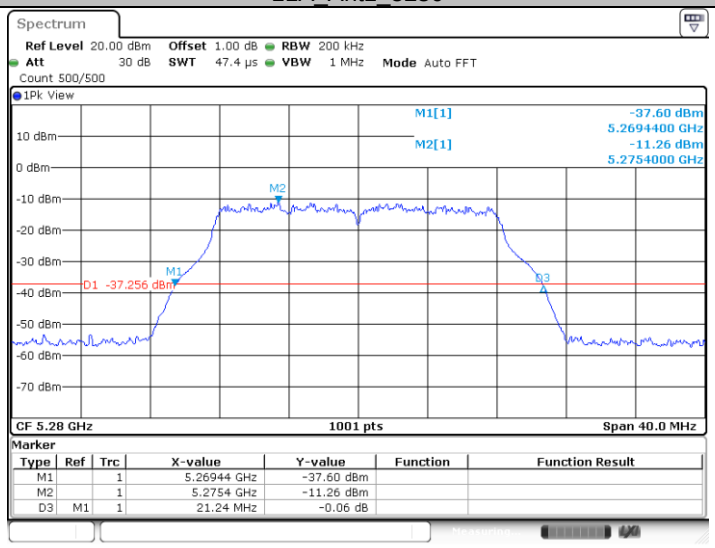

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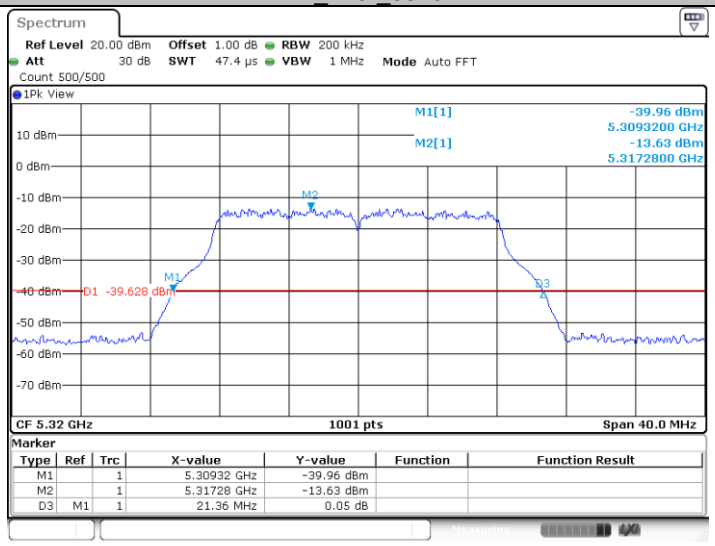

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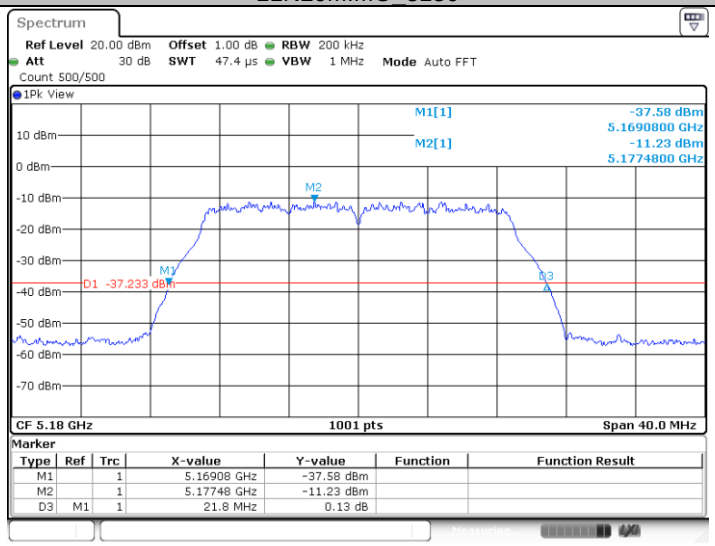

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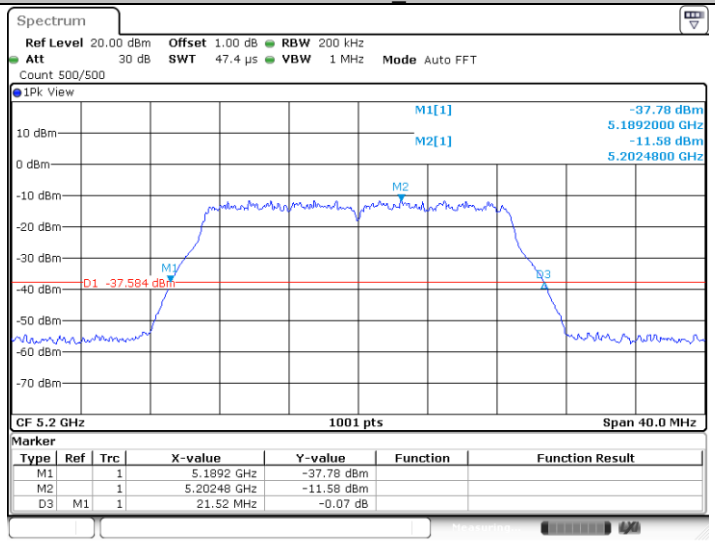

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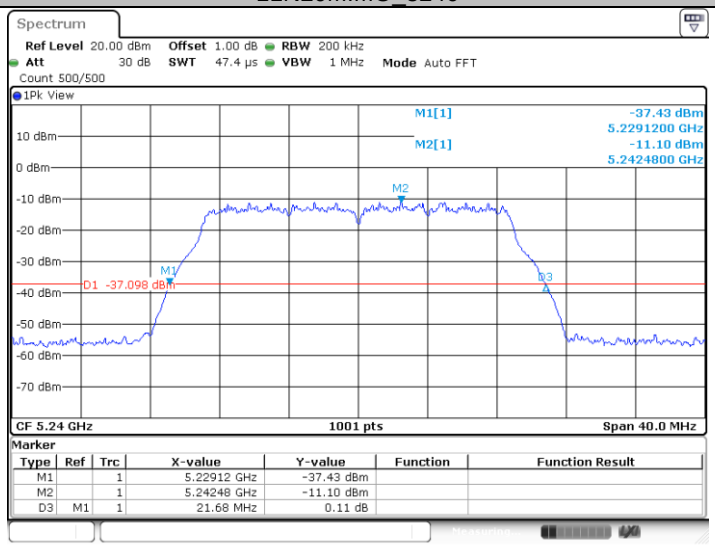

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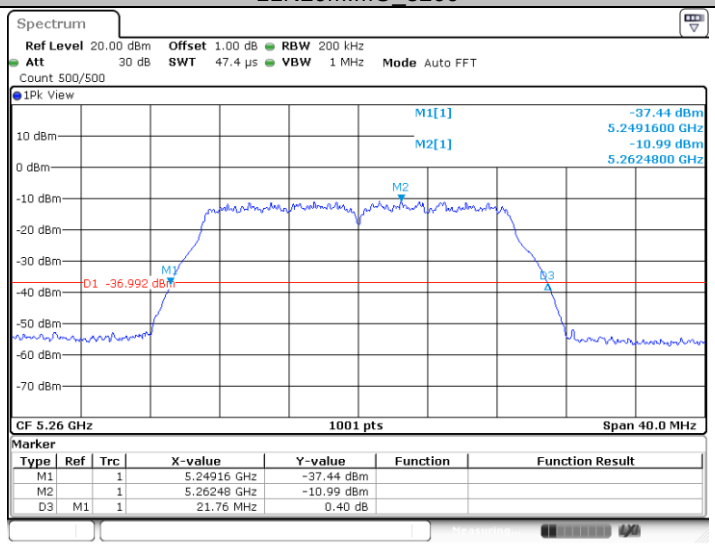

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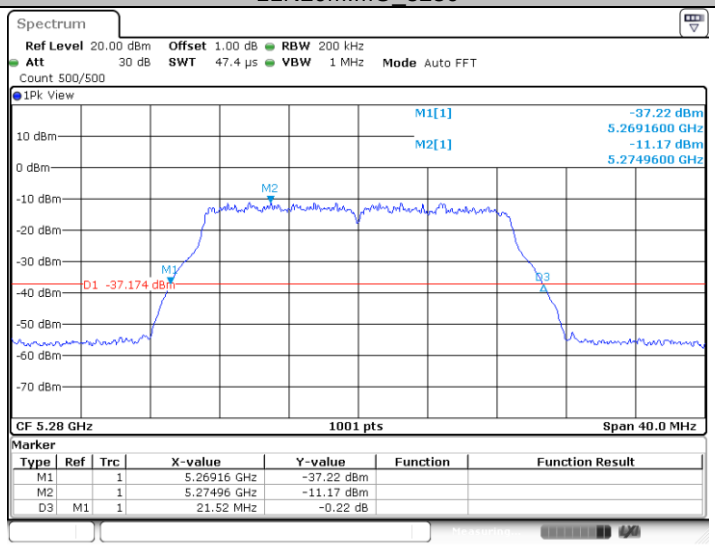

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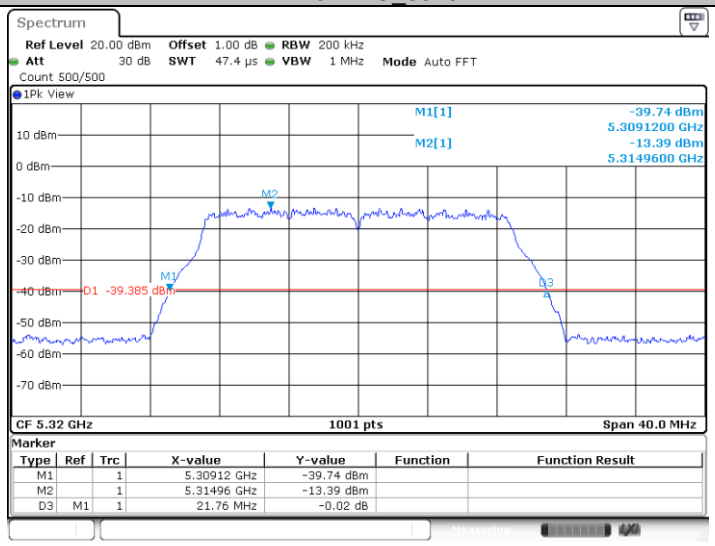

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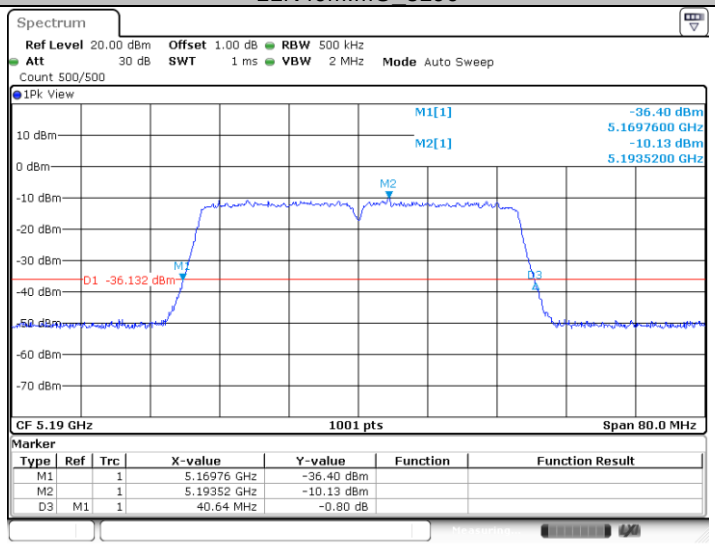

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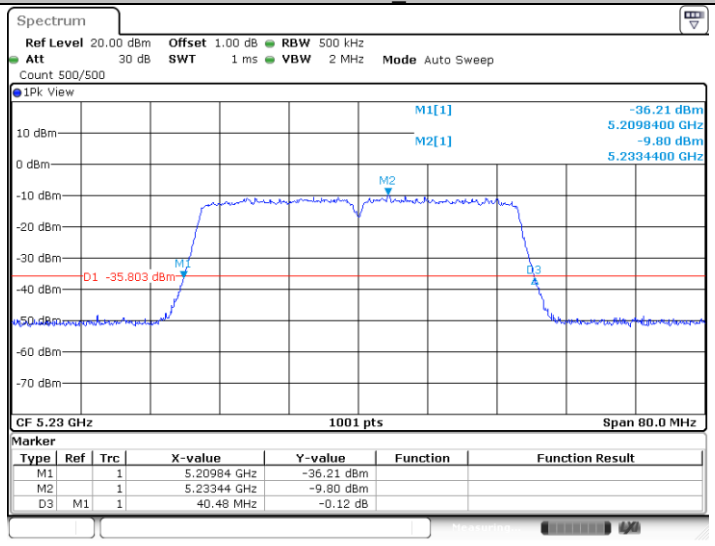

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Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
Fax: +86 755 8828 5299

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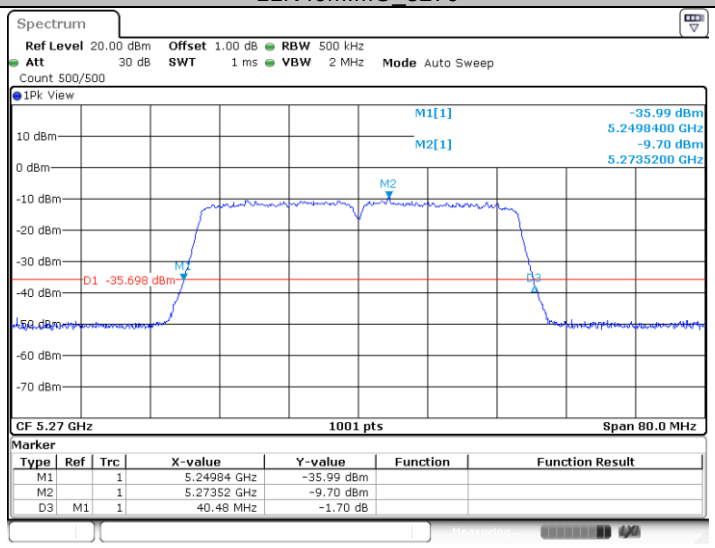

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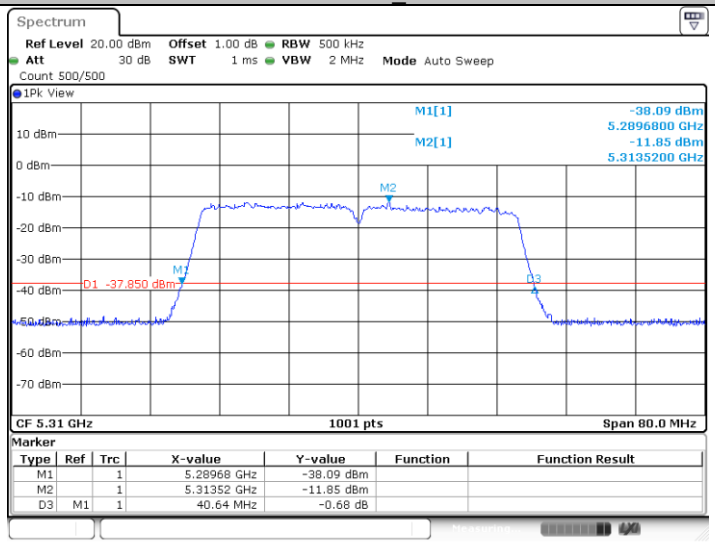

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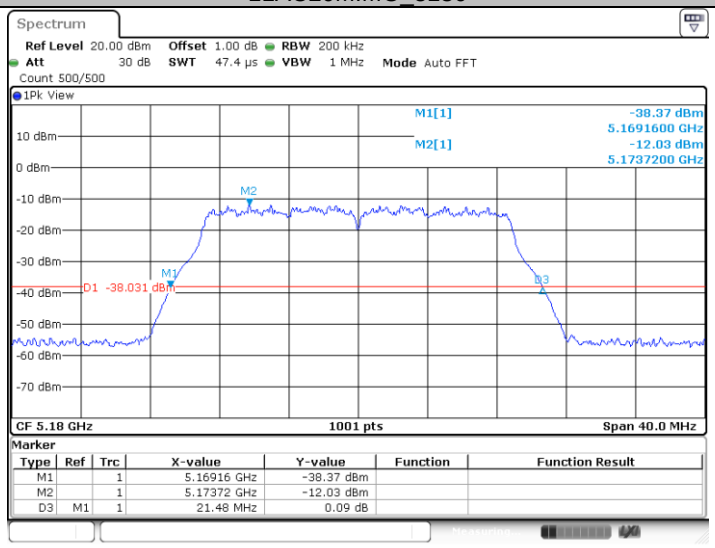

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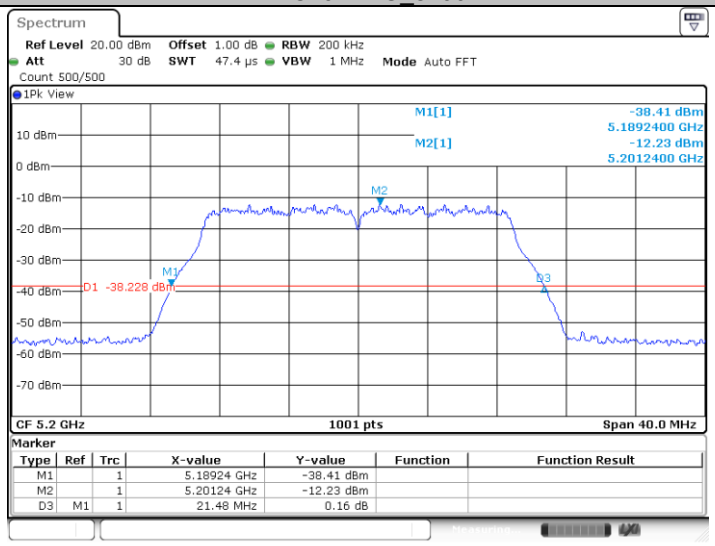

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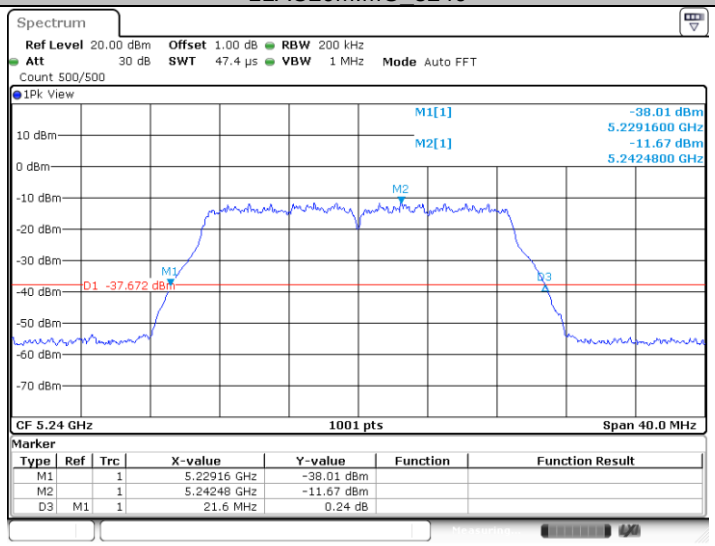

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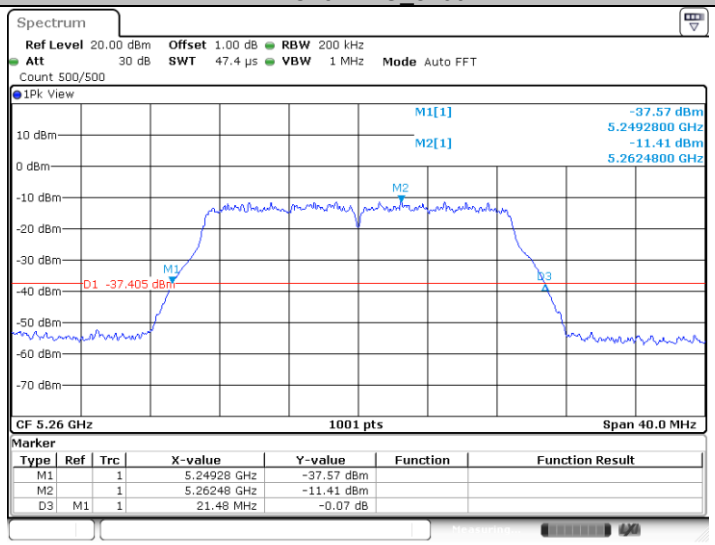

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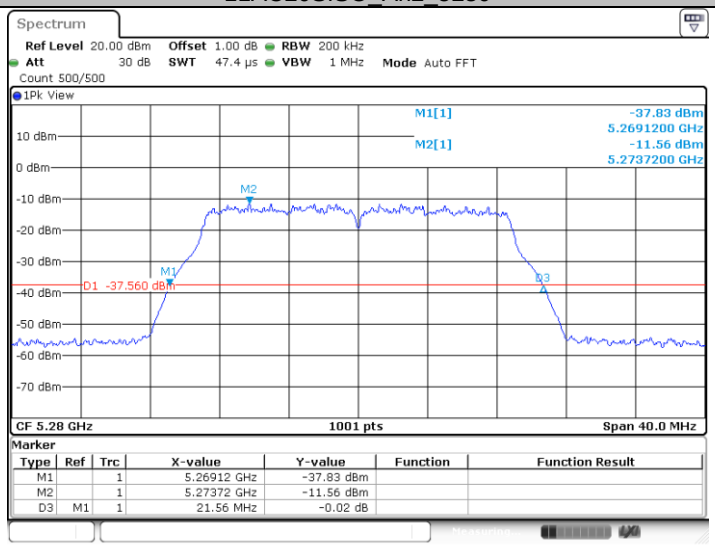
11AC20SISO_An2_5280



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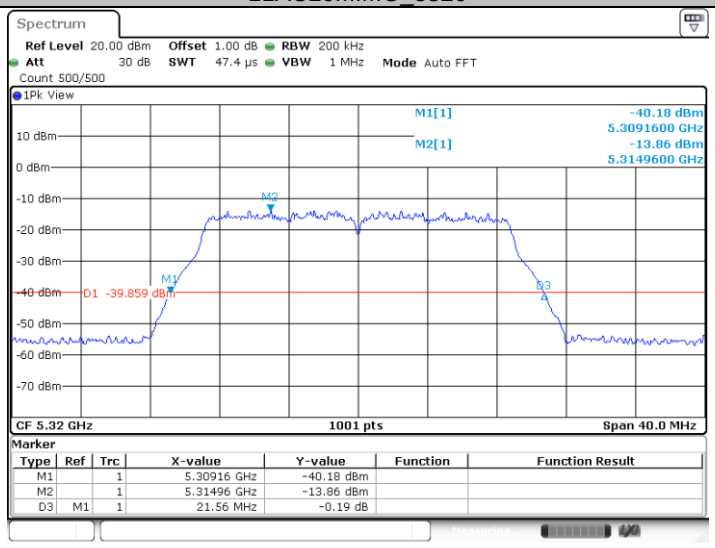

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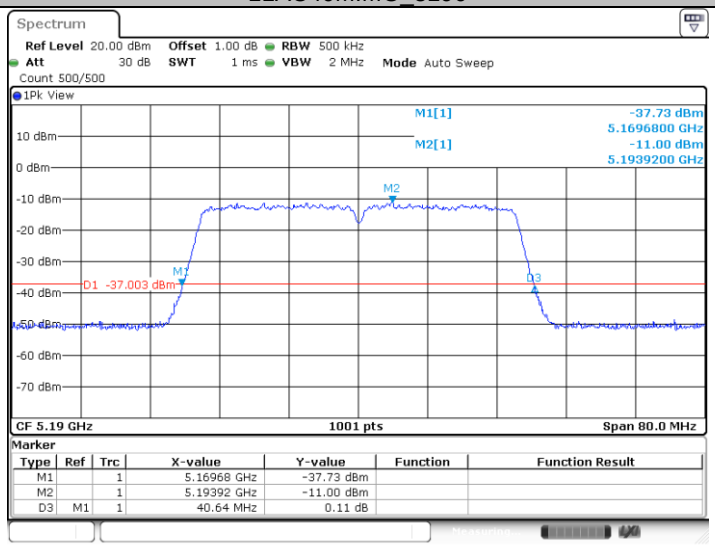

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Fax: +86 755 8828 5299

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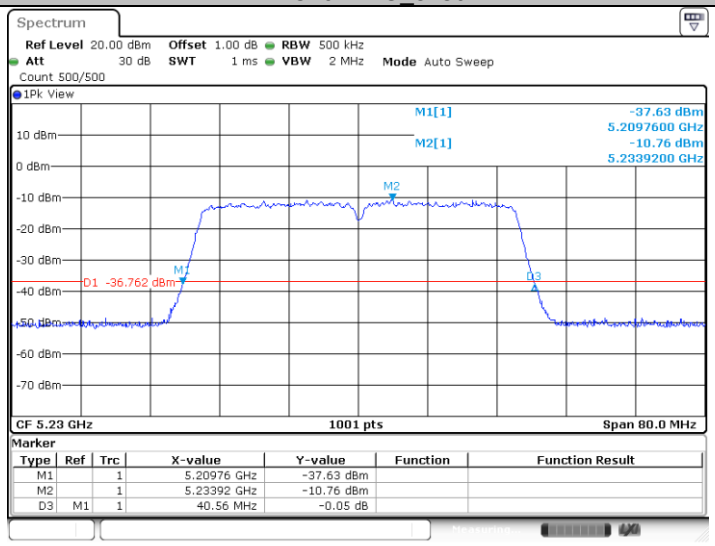

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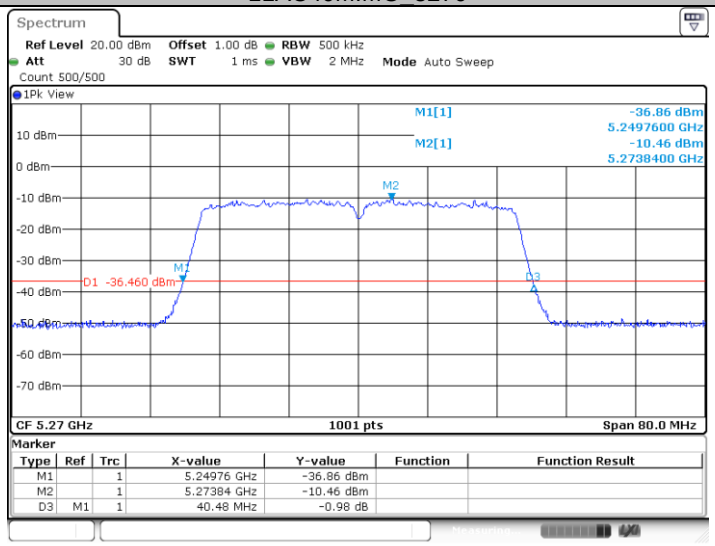

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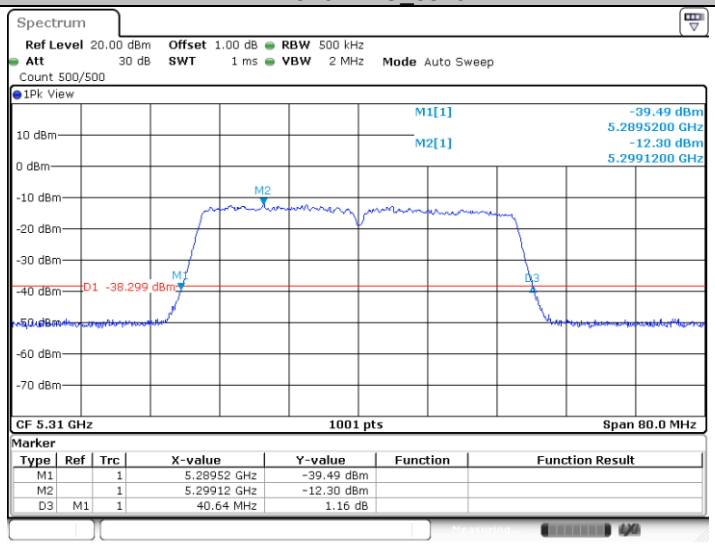

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Fax: +86 755 8828 5299

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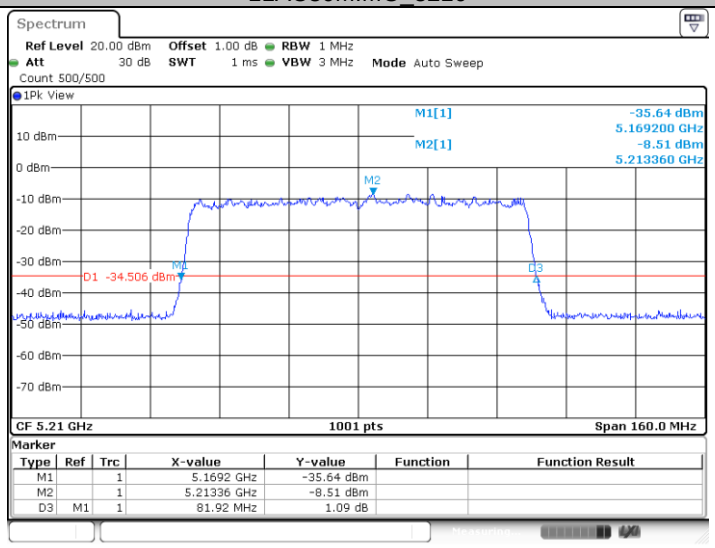

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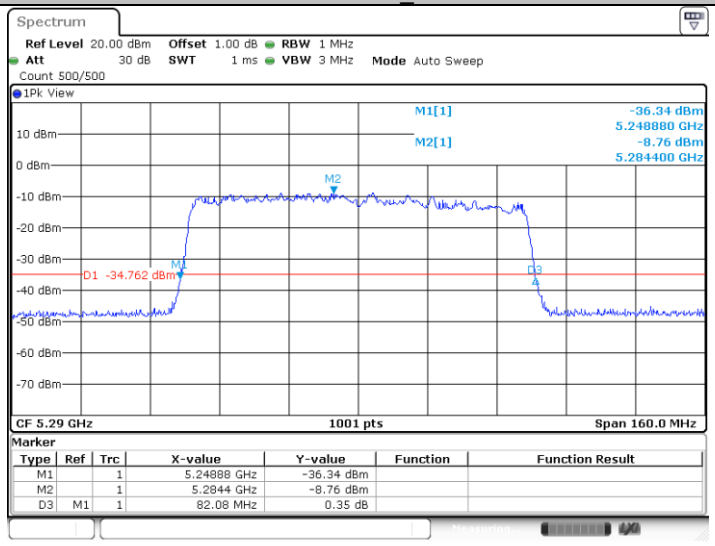

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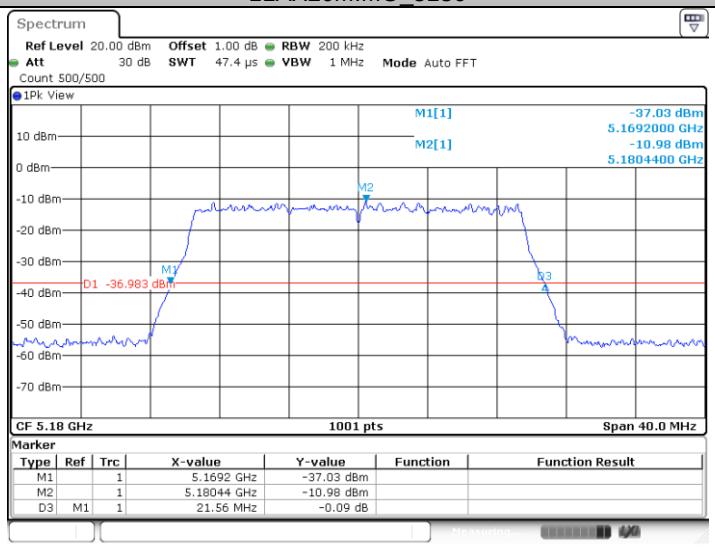

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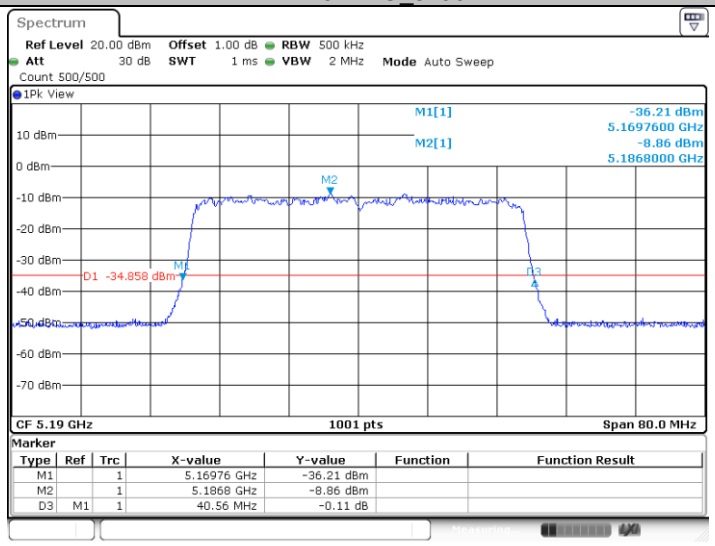

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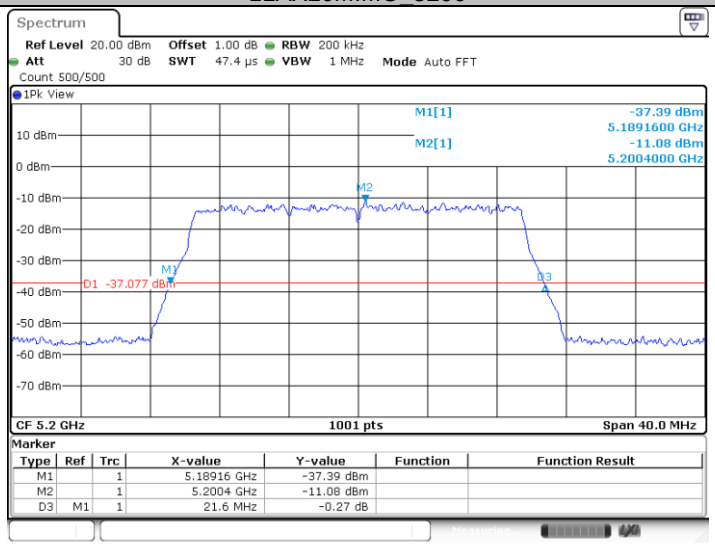

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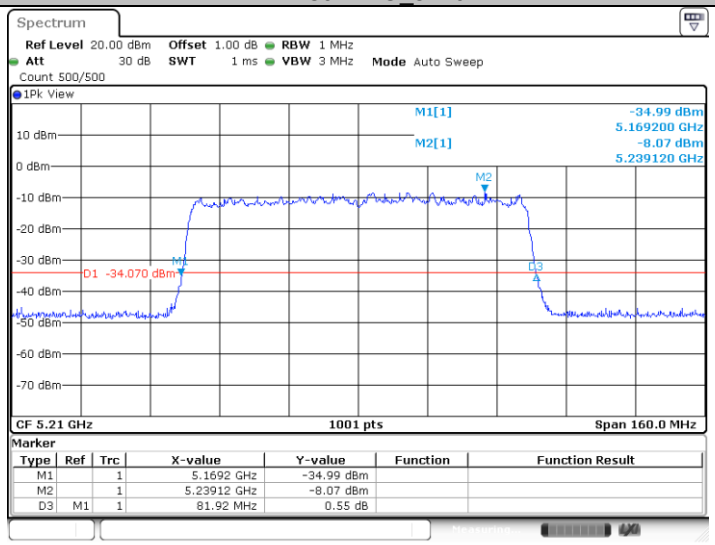

Date: 28.OCT.2021 16:34:34

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Nanshan District, Shenzhen City, 518052, P. R. China Tel. +86 755 8828 6998,
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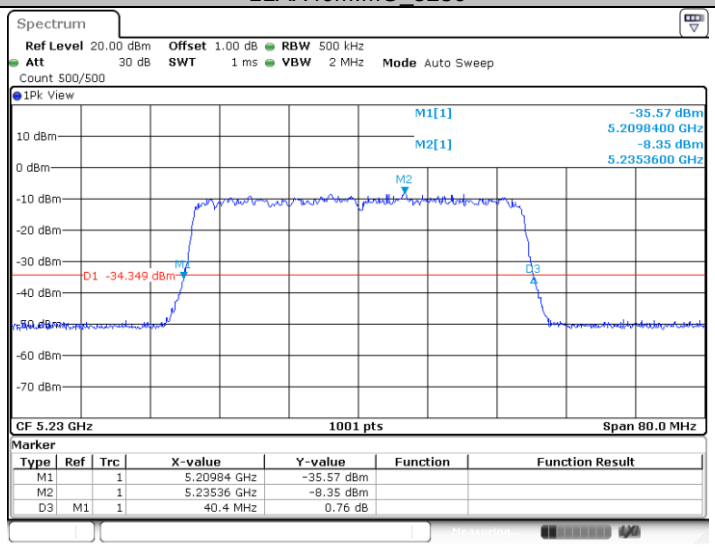

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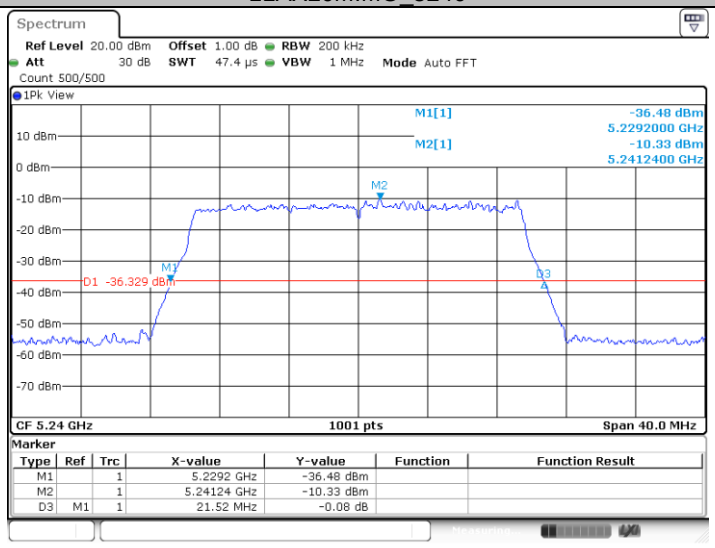

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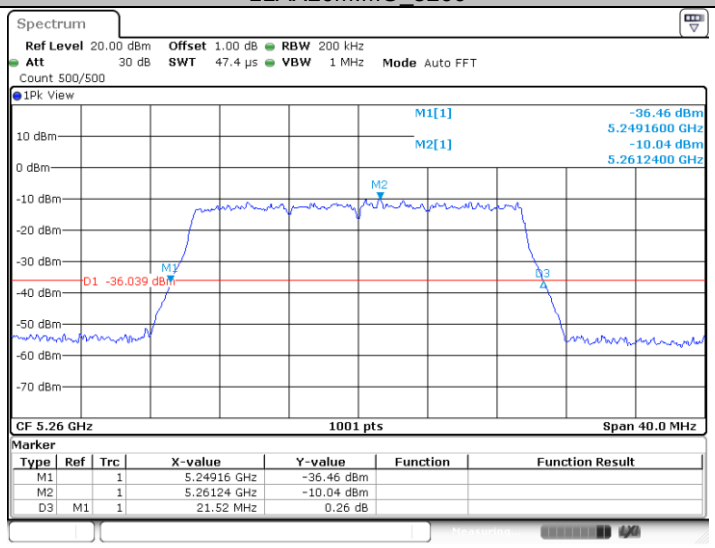

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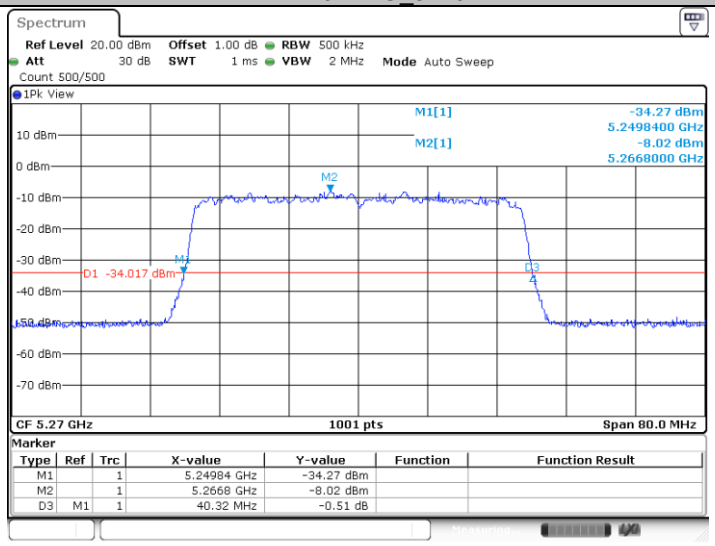

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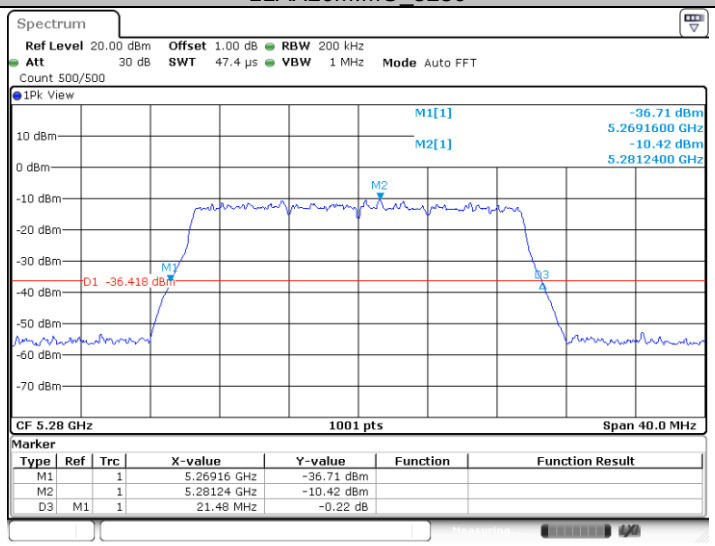

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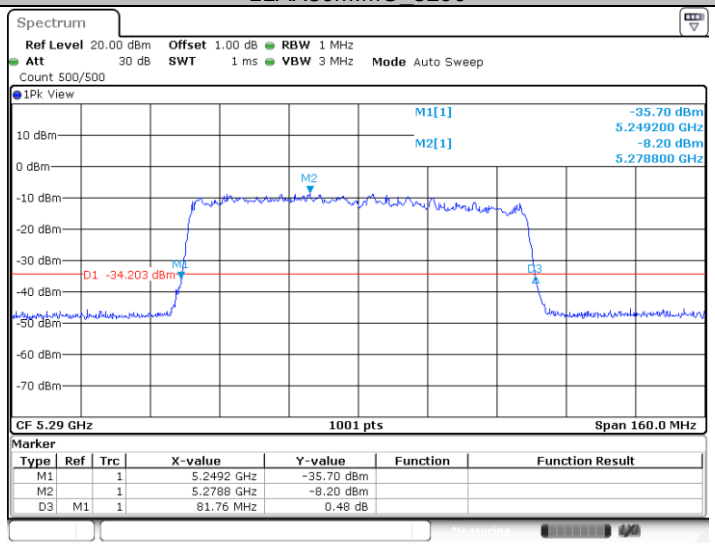

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