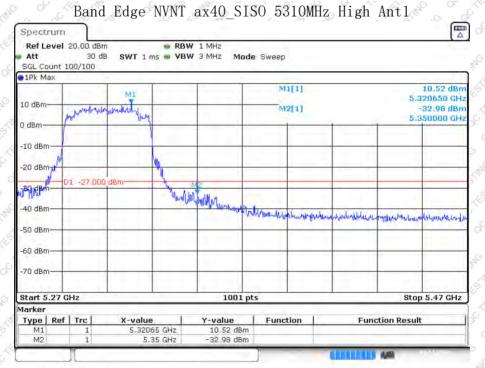


Ref Lo Att SGL Co		20.00 dBr 30 d 00/100		3W 1 MHz 3W 3 MHz Mode	: Sweep		-
1Pk M	ах						
10 dBm	_				M1[1] M2[1]	M1 5.1991	53 dBr
0 dBm—	-	-			1	3 4 50C	IOD GH
-10 dBn	1	_					_
20 dBm		_				A	_
-30 dBm	D	1 -27,000	) dBm				
					Mary		humph
40 dBm		1. 1.	all much in the second and the	here and the	Jufurth and		_
50 dBn	prosection of the	Marillulput	Master The law by and a start of the	and an			_
60 dBn							_
-70 dBn	-						_
Start 5	.03 G	Hz		1001 pt	5	Stop 5.2	23 GHz
larker							
Туре	Ref	Trc	X-value	Y-value	Function	Function Result	
M1		1	5.19913 GHz	9.75 dBm		a process spin and the first	
M2		1	5.15 GHz 5.143 GHz	-39.53 dBm -35.80 dBm			

Date: 2.NOV 2024 16:04:14



Date: 2.NOV.2024 16:04:33

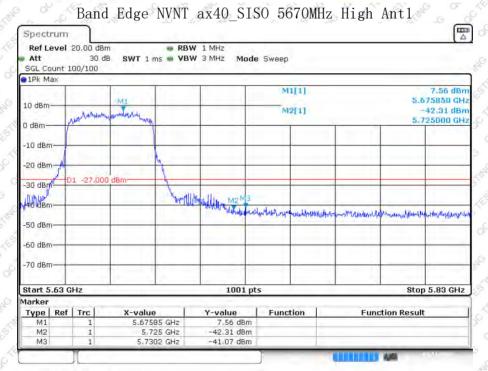
#### Report No.: QCT24JR-0163E-04

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Ref Lo Att SGL Co		20.00 dB 30 d		3W 1 MHz 3W 3 MHz Mode	Sweep			
1Pk M	_	00/100						
10 dBm					M1[1 M2[1		MI	7.63 dBn 5.500150 GH -41.17 dBn -41.17 dBn
0 dBm-						11	Nuo.	- Convolution drive
-10 dBn	r	_						
-20 dBn		1 -27.00				ð		M.
-30 dBn					MB MAN	hand		L. MA
40 dBn	hardens	him hidday	non-make-mula contraction of the set	when you a shall we with the	and and and a star	onette		of any
50 dBn					-			
-60 dBm		_				_		
-70 dBn		-		-	_	_		
Start 5	.35 G	Hz		1001 pt	s			Stop 5.55 GHz
1arker								
Туре	Ref		X-value	Y-value	Function	1	Functi	on Result
M1		1	5.50015 GHz	7.63 dBm	_			
M2 M3	-	1	5.47 GHz 5.4614 GHz	-41.17 dBm -38.62 dBm				

Date: 2.NOV.2024 16:04:52



Date: 2.NOV.2024 16:05:23

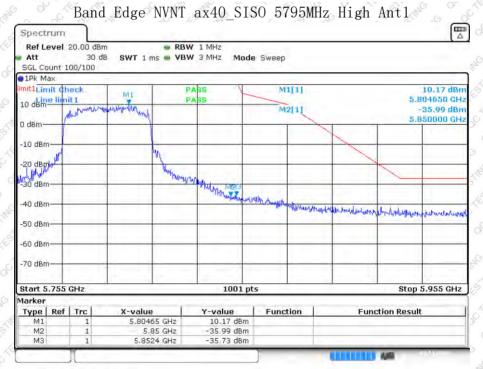
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Date: 2.NOV.2024 16:05:44



Date: 2.NOV.2024 16:06:09

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Att		20.00 dB 30 c		RBW 1 MHz VBW 3 MHz Mo	de Sweep			6
SGL Co		30/100		and the second s	Sec. 1	-		
10 dBm 0 dBm-						1[1] 2[1]	M1 Mallow Marrow primaged	8.59 dBn 5.180150 GH 40.30 dBn 84550000 GH
-10 dBm	-	_						
-20 dBn		1 -27.00	0.49m			Y	p	- N
-30 dBn		1 -27,00			M3 M	Southertand		When
40 080 90-00-00 -50 dBn	Number	ullynarow		idennesistinestadettel	handplathered			
60 dBn	-	_						
-70 dBn	-			_	-			
Start 5	.03 GI	Hz		1001	pts			Stop 5.23 GHz
larker		-		1	1 -			
Type M1	Ref	Trc 1	X-value 5.18015 GH	Y-value 1z 8.59 dBr	Func	tion	Functi	on Result
M2	-	1	5.15 GF		Yes all in the second s			
MB	_	1	5.143 GH					

Date: 2.NOV.2024 16:15:21



Date: 2.NOV.2024 16:15:33

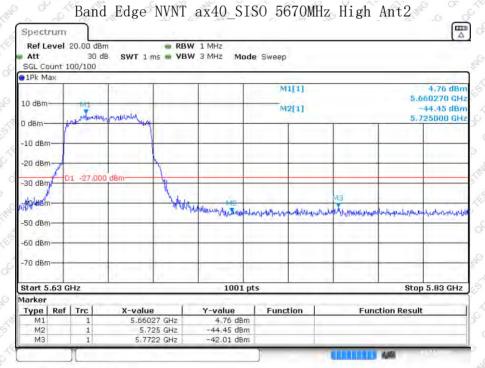
### Report No.: QCT24JR-0163E-04

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Att		20.00 dB 30 d		RBW 1 MHz VBW 3 MHz M	ode Swee	эр		
SGL Co 1Pk M		00/100						
10 dBm				-		M1[1] M2[1]		6.12 dB M1 5.518530 GF -37.92 dB
0 dBm–					-	T	part	ALL AVOID G
10 dBn		-				-		
20 dBn	D	1 -27,00	0 dBm				اللور	
-30 dBn			with a contraction of the second s		1 Julie a	- And and and	n	Jahren 1
nd and a	Windows	Hundrehauthory	nathernative and a second s	ntalionalization and the second	When you a		1 1 1 1	
50 dBn	1-1-	_						
60 dBn	-+-						-	
70 dBn				_			-	
Start 5	.35 G	Hz		1001	pts			Stop 5.55 GH:
larker	Dof	Trol	Vuusius	1 Yaushus	1 5.0	untion 1	Fun	ation Recult
M1	Rei					iction	Fun	LUON NESUIL
Type M1 M2	Ref	Trc 1 1	X-value 5.51853 GH: 5.47 GH:		m	nction	Fun	ction Result
	1			-37.92 dB	Im			

Date: 2.NOV 2024 16:15:45



Date: 2.NOV 2024 16:15:58

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Date: 2.NOV.2024 16:16:11



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Ref Lo Att SGL Co		20.00 dBr 30 d			VIMHz VIMHz Mode	Sweep	-		÷.
1Pk M		00/100			-				
10 dBm	_			_			1[1] 2[1]	MI	6.22 dBr 5.181550 GH -43.24 dBr ահամով 5.150000 GH
0 dBm-	-						1	1 AND THE	B. Toubob dir
-10 dBn	1					_			
20 dBm	-					_		<b>/</b>	- N
30 dBn		1 -27.000	) dBm			M3	ſ		the workers
40 dBm		_				TN	2 plus		CANAN CANAN
50 dBn	milledik	deservices.	munthimitayhan	Annonana	ousfeere and iterational the allowed	manum			
60 dBn				-					
-70 dBn	1-			-		_			
Start 5	.03 G	Hz			1001 pts	5			Stop 5.23 GHz
larker	-								
Type	Ref	Trc	X-value		Y-value	Func	tion	Funct	ion Result
		1	5.1815	5 GHz	6.22 dBm				
M1 M2	_	1		5 GHz	-43,24 dBm				

Date: 2.NOV 2024 16:22:47



Date: 2.NOV 2024 16:22:50

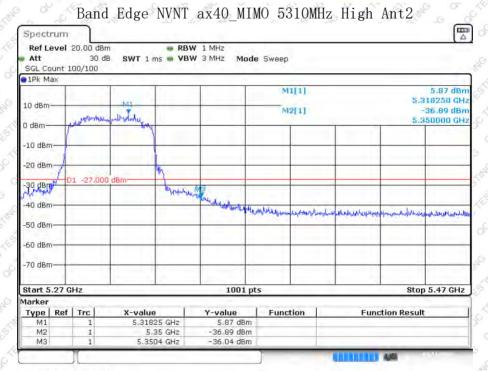
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Date: 2.NOV.2024 16:23:02



Date: 2.NOV.2024 16:23:05

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Ref Le Att	evel 2	0.00 dBn 30 dB		3W 1 MHz 3W 3 MHz Mode	Sweep			
SGL Co		0/100			1.1.1.2	-		-
TEK MR	30.	-		1	M	1[1]		5.20 dBr
10 dBm-	_	_			_			5.522130 GH
					1M	2[1]	a den	-43.39 dBr Manufild 5.470000 GH
0 dBm—	-	-				1	ALL ALLAND	Mar May
-10 dBm		-			-			
20 dBm	_	-			_		-	
	D	-27.000	dBm		-		M	
-30 dBm	-		Gom				1	
40 dBm		M	3		N	DI NU		Selen and the
Hudlpphurp	entremenor	undurun	preservition in a president and the second	home the most have been a ferred of the	MARAN	How Me		
50 dBm								
-60 dBm					-			
-70 dBm								
	11							
Start 5	.35 GI	Iz		1001 pts	5		-	Stop 5.55 GHz
larker		1.1.1.						
Type	Ref		X-value	Y-value	Func	tion	Fund	tion Result
M1		1	5.52213 GHz	5.20 dBm				
M2		1	5.47 GHz 5.389 GHz	-43.39 dBm				

Date: 2.NOV.2024 16:23:18



Date: 2.NOV.2024 16:23:20

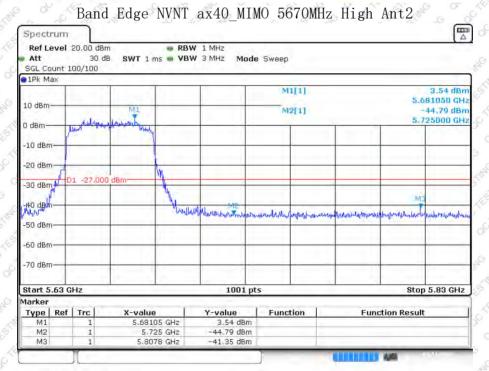
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Date: 2.NOV 2024 16:23:40



Date: 2.NOV.2024 16:23:42

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Date: 2.NOV.2024 16:24:04

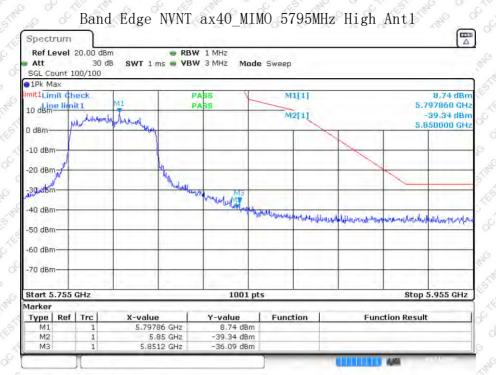


Date: 2 NOV 2024 16:24:07

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Date: 2.NOV.2024 16:24:24

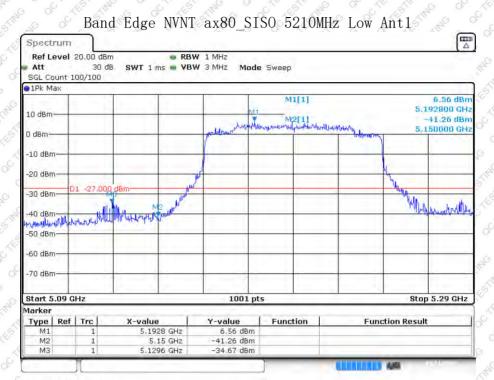


Date: 2 NOV 2024 16:24:27

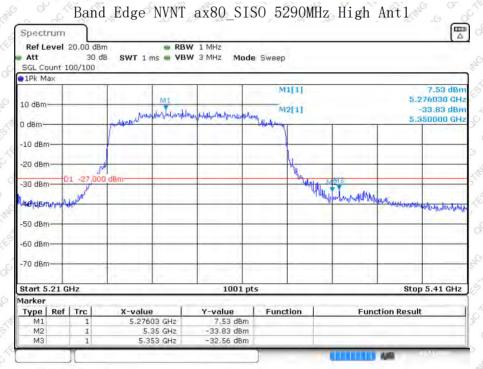
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Date: 2.NOV.2024 16:28:28

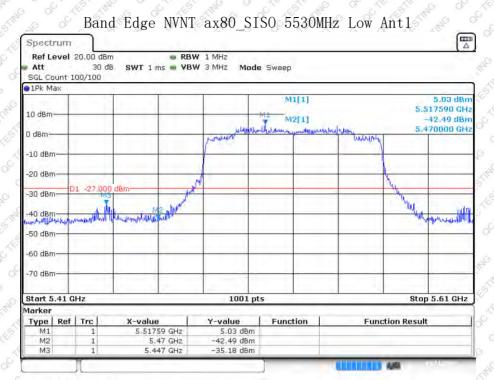


Date: 2.NOV 2024 16:30:53

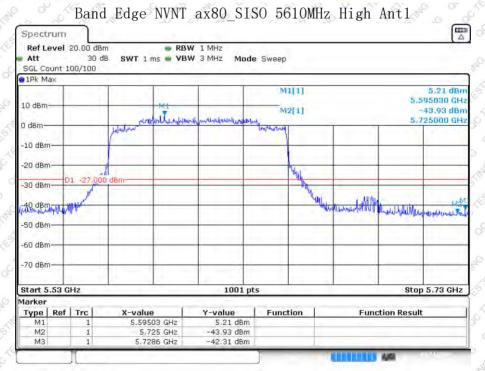
### Report No.: QCT24JR-0163E-04

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Date: 2.NOV.2024 16:31:05



Date: 2.NOV 2024 16:31:21

Date: 2.11010.2024 10.31.21

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#### Date: 2.NOV.2024 18:51:47



Date: 2.NOV.2024 18:51:51

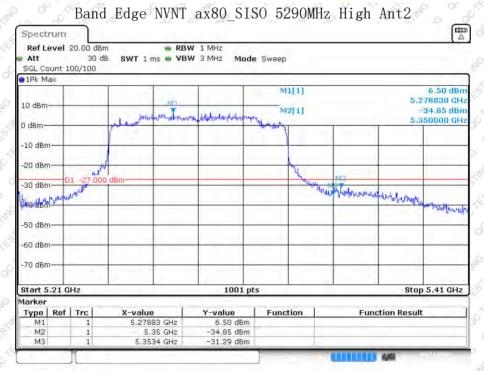
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Date: 2.NOV 2024 16:35:29



Date: 2.NOV.2024 16:35:51

#### Report No.: QCT24JR-0163E-04

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Date: 2.NOV.2024 16:36:10

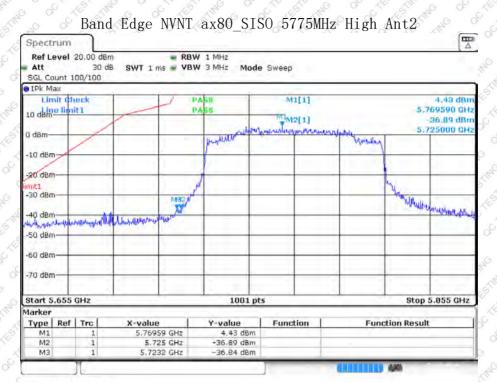


Date: 2.NOV 2024 16:36:31

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Date: 2.NOV.2024 18:52.43



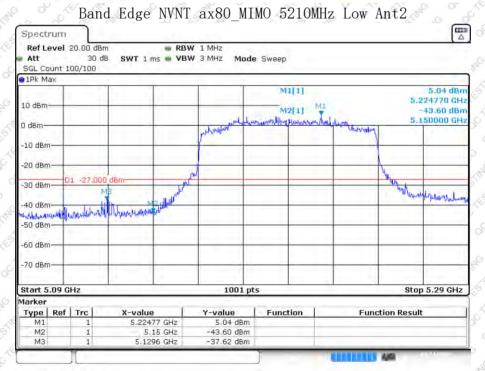
Report No.: QCT24JR-0163E-04

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Date: 2.NOV 2024 16:41:34



Date: 2.NOV.2024 16:41:37

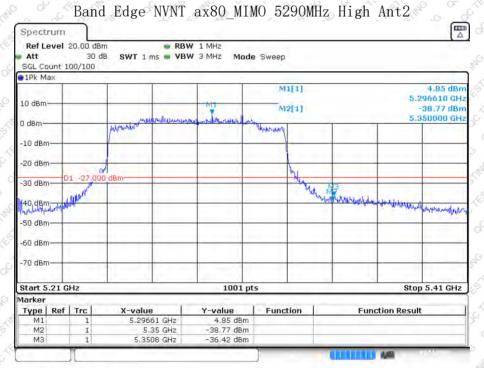
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Date: 2.NOV.2024 18:41:14



Date: 2 NOV 2024 16:41:53

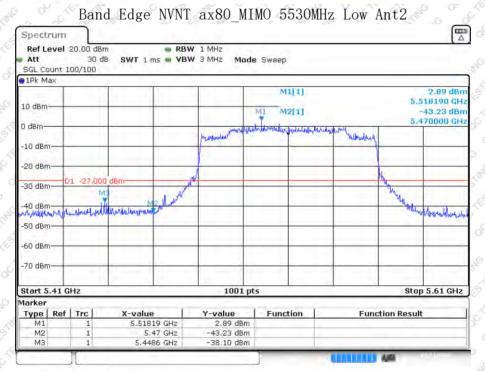
#### Report No.: QCT24JR-0163E-04

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Date: 2.NOV.2024 16:42:07



Date: 2.NOV 2024 16:42:09

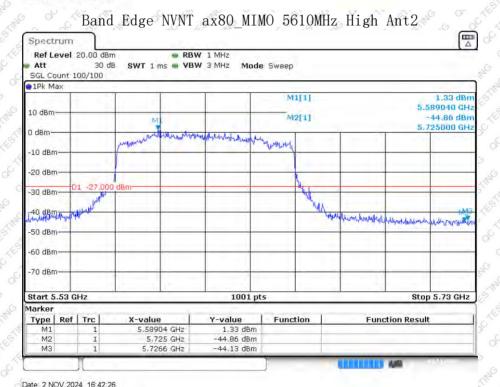
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Date: 2.NOV 2024 16:42:24



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Date: 2.NOV.2024 18:53:33



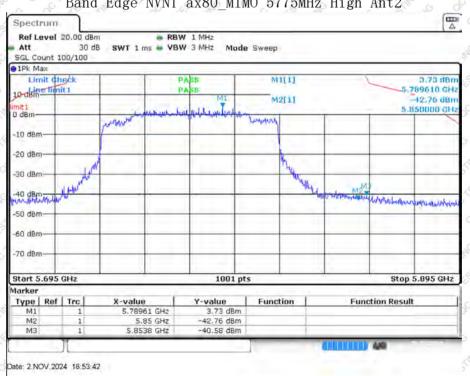
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Date: 2.NOV.2024 18:53:40

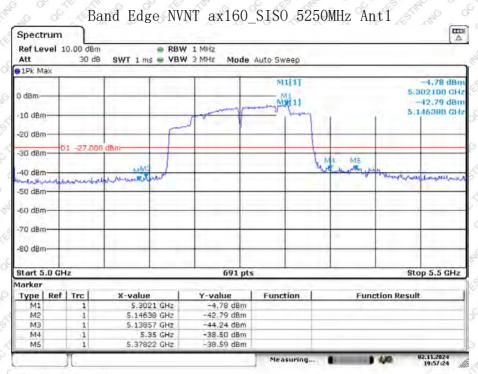


Band Edge NVNT ax80 MIMO 5775MHz High Ant2

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Date: 2.NOV.2024 19:57:24



Att	Vei 10	.00 dBm 30 dB	SWT 1	ms 🖷 Vi	3W 1		te /	uto Sweep	1			
1Pk Ma	ж											
0 d8m-						M1		M1[1] M2[1]				-6.22 dB 43490 CH 45.52 dB
-10 dBm	-			-	A	Junior	m	"	-	-	- A.1	46380 CH
-20 dBm	_								-			
-30 dBm	01	-27,000	dBm		-		_		1	_		-
-40 dBm	_			11			_		40	*		
herenited	un	-machine	unnur	Buch						ano allaly	-Manner John	Terminant
-50 dBm	-									-		
-60 dBm	-			-	-		-	-		-		
-70 dBm	-		-	-	-		_	_	-	-	-	
-80 dBm				-	-			-			-	
Start 5	0.011	_			_	691			-	-		p 5.5 GHa
Marker	U GHZ			-	_	091	pts		-		50	JP 3.3 GH
Type	Ref	Trel	X-val	le.	1	Y-value	1	Function	1	Fu	nction Result	6
M1		1		349 GHz		-6,22 dB	m			1 34		
M2 M4	-	1		638 GHz 5.35 GHz	-	-45.52 dB						
tert	~	-		100 012	-	39,39 UD	of 1	Measurin	-			02.11.2024

Date 2.NOV 2024 19:58:23

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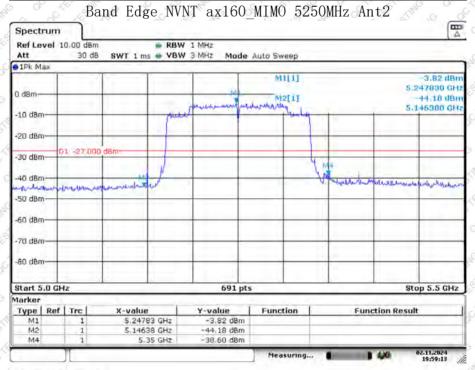
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Date 2.NOV.2024 19:58:58

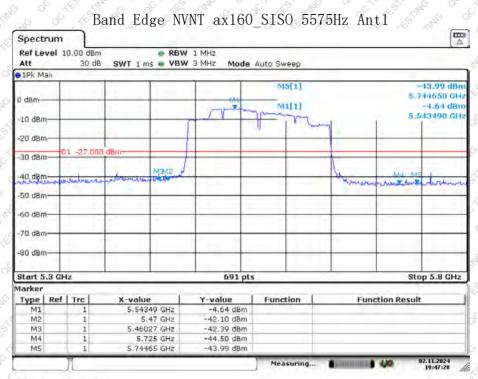


Date: 2.NOV.2024 19:59:14

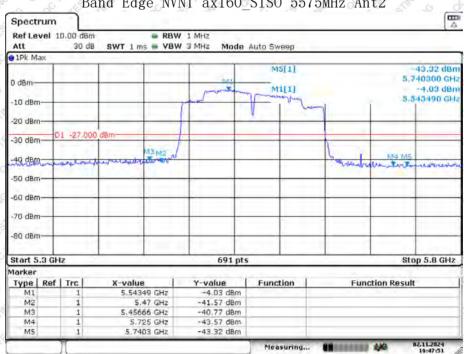
#### Report No .: QCT24JR-0163E-04

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Date: 2,NOV.2024 19.47.28



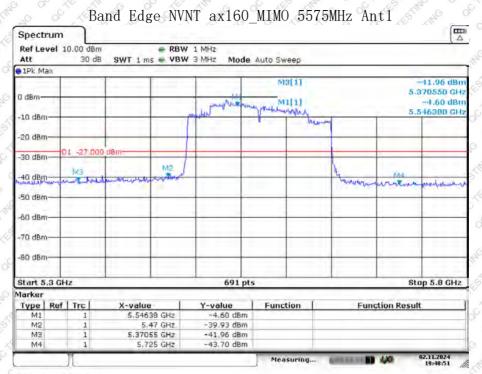
Band Edge NVNT ax160\_SISO 5575MHz Ant2

Date: 2 NOV.2024 19:47:51

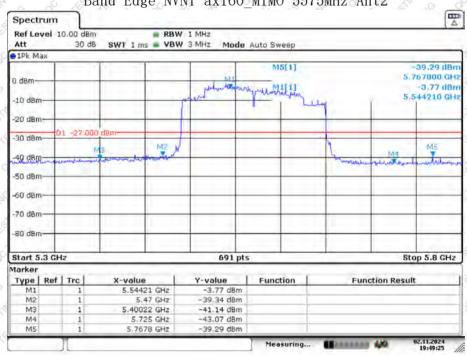
#### Report No.: QCT24JR-0163E-04

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Date: 2 NOV.2024 19.48:51



Band Edge NVNT ax160 MIMO 5575MHz Ant2

Date: 2.NOV 2024 19:49:26

#### Remark:

1. The MIMO mode still meets the standard limit after adding the combined gain 2. For MIMO devices refer to KDB Publication 662911 D01.

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## 10. Radiated Emission Method

## 10.1 Applicable Standard

FCC Part15 C Section 15.209, Part 15E Section 15.407(b)(4)

### 10.2 Limit

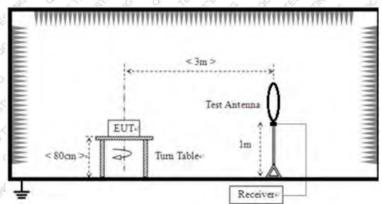
Frequency	Limit (uV/m)	Value	Measurement Distance
0.009MHz-0.490MHz	2400/F(KHz)	QP of	300m
0.490MHz-1.705MHz	24000/F(KHz)	QP C	5 <sup>10</sup> 20 30m 5 <sup>10</sup> 20
1.705MHz-30MHz	A 30 6 A	QP	30m ( ) )

S AN O A	a co co av av		NO IN THE OWNER
Frequency	Field Strengths Limits (µV/m at 3 m)	Field Strengths Limits (dBµV/m at 3 m)	Remark
30 – 88	ି <sup>(</sup> 100 ୁ ଁ ଁ	40.0	Quasi-peak
88 – 216	150	43.5	Quasi-peak
216 – 960	200 200	46.0	Quasi-peak
Above 960	10 5 <sup>10</sup> 500° 10 5	54.0	Quasi-peak
Above 1GHz	of the star of a	54.0	Peak
ADOVE IGHZ		74.0 6	Average

Note: dBµV/m =20log(µV/m)

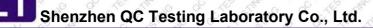
### 10.3 Test setup

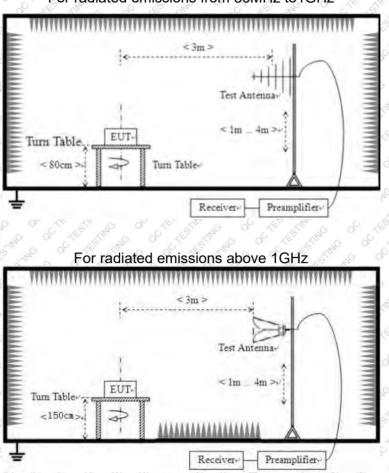
### For radiated emissions from 9kHz to 30MHz



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For radiated emissions from 30MHz to1GHz

### 10.4 EMI Test Receiver Setup

🖉 🔗 Frequency 🔗	RBW	VBW	IF B/W	Measurement
9KHz-150KHz	200Hz 🔗	600Hz	Re Re Concre	QP° A
150KHz-30MHz	9KHz	30KHz		QP
30 MHz – 1000 MHz	0 100 kHz	300 kHz 🔬	120 kHz	QR QR
Above 1 GHz	1 MHz	3 MHz	0 1 5 S	Peak
Above I GHZ	1 MHz	10 Hz Note 1	A C L	Average
MHz A	1MHz	>1/T Note 2	AND G TONE	Average

Note 1: when duty cycle is no less than 98%

Note 2: when duty cycle is less than 98%

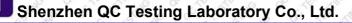
Remark: For the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission test in these three bands are based on measurements employing an average detector.

### 10.5 Test procedure

The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.

- The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

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- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

10.6 Test Data
----------------

Temperature	26 ℃ ° , ** , ** , * *	Humidity	54%
ATM Pressure	101.1kPa	Antenna Gain	Ant1: 0.67dBi Ant2: 0.67dBi
Test by	LBiLight of the	Test result	PASS C C C

Test Voltage: AC 120V/60Hz

Remarks:

- 1. During the test, pre-scan the all modulation, and found the 802.1ac modulation bandwidth is 20MHz which it is worse case.
- 2. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis which it is worse case.
- 3. Data of measurement within frequency range 9kHz-30MHz, 18-40GHz are the noise floor or attenuated more than 20dB below the permissible limits or the field strength is too small to be measured, so test data does not present in this report.

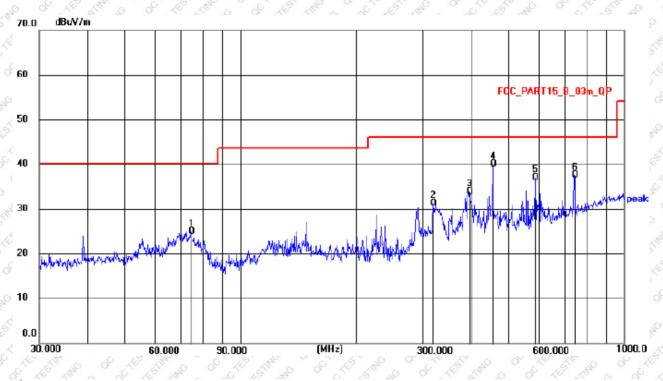
#### Report No.: QCT24JR-0163E-04

#### Model:DFR1091

#### **Below 1GHz**

Pre-scan all test modes, found worst case at 802.11ac\_MIMO mode bandwidth is 20MHz, and so only show the test result of 802.11ac\_MIMO mode 5180MHz.

Horizontal:

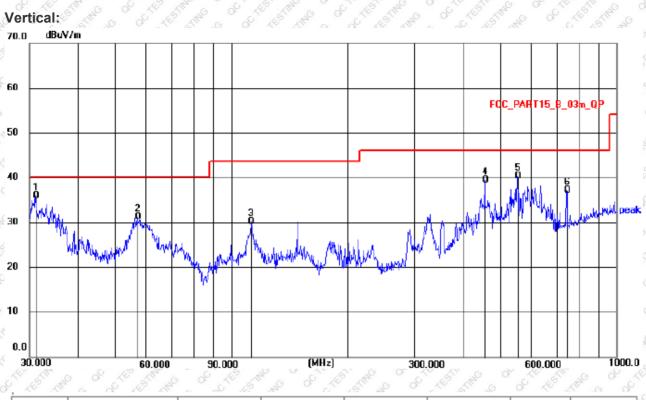


<u> </u>	1		1	1	1		
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	74.3955	13.99	10.99	24.98	40.00	15.02	QP
2	318.8170	16.31	14.89	31.20	46.00	14.80	QP
3	394.8545	16.47	17.43	33.90	46.00	12.10	QP
4 *	455.9057	21.37	18.69	40.06	46.00	5.94	QP
5	586.8437	15.93	21.09	37.02	46.00	8.98	QP
6	742.2587	13.94	23.62	37.56	46.00	8.44	QP

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No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	31.0706	22.74	13.17	35.91	40.00	4.09	QP
2	56.9912	17.19	14.12	31.31	40.00	8.69	QP
3	112.9196	17.60	12.61	30.21	43.50	13.29	QP
4	455.9057	20.35	19.06	39.41	46.00	6.59	QP
5	552.8832	19.74	20.67	40.41	46.00	5.59	QP
6	742.2587	13.62	23.61	37.23	46.00	8.77	QP

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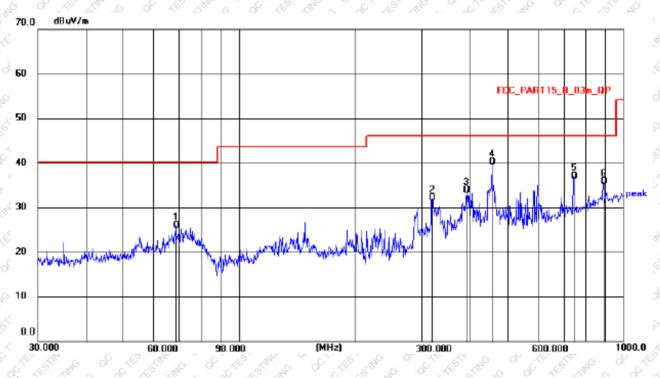
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#### Model:DFR1081

#### Below 1GHz

Pre-scan all test modes, found worst case at 802.11ac\_MIMO mode bandwidth is 20MHz, and so only show the test result of 802.11ac\_MIMO mode 5180MHz.

Horizontal:

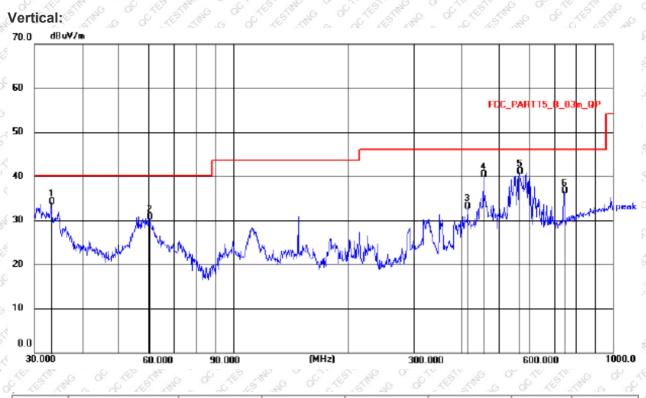


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	68.6310	13.41	12.55	25.96	40.00	14.04	QP
2	318.8170	16.90	15.17	32.07	46.00	13.93	QP
3	390.7226	16.28	17.50	33.78	46.00	12.22	QP
4 *	455.9057	21.17	19.06	40.23	46.00	5.77	QP
5	742.2587	13.43	23.61	37.04	46.00	8.96	QP
6	887.6099	9.56	26.27	35.83	46.00	10.17	QP

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 No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	33.2112	21.15	13.07	34.22	40.00	5.78	QP
2	60.0691	17.14	13.58	30.72	40.00	9.28	QP
3	414.7223	15.28	17.89	33.17	46.00	12.83	QP
4	455.9057	21.58	18.69	40.27	46.00	5.73	QP
5 *	566.6223	20.31	20.73	41.04	46.00	4.96	QP
6	742.2587	12.97	23.62	36.59	46.00	9.41	QP

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### Above 1GHz

Pre-scan all test modes, found worst case at 802.11ac mode bandwidth is 20MHz, and so only show the test result of 802.11n mode bandwidth is 20MHz.

Frequency (MHz)	Read Level (dBµV)	polarization	Factor (dB/m)	Level (dBµV/m)	Limit Line (dBµV/m)	Margin (dB)	Detecto
S LE LA		🥂 🖉 🎸 11a	c20 MIMO	5180MHz	C C C C C C C C C C C C C C C C C C C	or to	STIL 20
10360	43.10	AN HO	5.15	48.25	68.2	18.53	peak
10360	42.17	S S VS	5.15	47.32	68.2	19.28	peak
Str. o	AP AM G	8 8 11a	c20 MIMO	5200MHz		and a start of the	6° 18°
10400	43.31	of He still	5.28	48.59	68.2	19.45	peak
10400	42.35	S V	5.28	47.63	68.2	19.70	peak
C LE S	,0 0° 1°		c20_MIMO	5240MHz			STE SC
10480	43.28	C AN HO O	5.54	48.82	68.2	19.37	peak
10480	42.10	S SV S	5.54	47.64	68.2	20.04	peak
STE 20 0	AND AND O	ି <i>ହ</i> ି , ଝାଁ 1a	c20_MIMO	5260MHz	E R C	Nº ST &	6 6
10520	41.89	S S HE ST	5.69	47.58	68.2	18.03	peak
10520	41.73	N V S	5.69	47.42	68.2	18.78	peak
O LE S	The of the	ີ 🥂 🦾 11a	c20_MIMO	5300MHz	C C C	NO O X	ST &
10600	41.17 d	Ho o	5.95	47.12	68.2	20.45	peak
10600	42.74	N. N.	5.95	48.69	68.2	20.20	peak
STILL DO	a the the	ି <i>ି ଏ</i> ି 11a	c20_MIMO	5320MHz	String of	CLE STR	3 0 1
10640	41.15	S OH S	6.08	47.23	68.2	20.37	peak
10640	40.91	V S	6.08	46.99	68.2	20.54	peak
of the	All of a st	8 J. 6 11:	ac20 MIMO	550MHz		NO OU	AN ST A
11000	41.27	A AH S C	7.27	48.54	68.2	18.53	peak
11000	41.09	N N	7.27	48.36	68.2	19.28	peak
C STILL O	of the time of	ົ 🖉 🖉 11a	c20 MIMO	5580MHz	Stinge of	ALL STR.	20 0°
11160	41.28	S A C	7.38	48.65	68.2	19.45	peak
11160	41.32	V° A	7.38	48.70	68.2	o 19.70 <	peak
	Still of of	11a	c20 MIMO	5700MHz		1. 2º 0º	A ST
11400	41.18	A H	7.55	48.73	68.2	19.37	peak
11400	41.10	N V N	7.55	48.65	68.2	20.04	peak
AP AN A	of the time	୍ତ୍ତ୍ର 🖉 🌾 11a	c20 MIMO	5720MHz		S LE L	20 Q
11440	40.89	S H K	7.58	48.47	68.2	18.03	peak
11440	40.07	S & V S	7.58	47.65	68.2	18.78	peak
Q Q K	ANT O OC	ي آي آي	c20 MIMO	5745MHz		5 20 00	THE STR
11490	41.13	E HILLE	7.62	48.75	68.2	20.45	peak
11490	40.55	V.S.	7.62	48.17	68.2	20.20	peak
AR ATT O	of the the		c20_MIMO	5785MHz	Che che all	0 5 5	0 0
11570	41.11	HALL HOLL	7.67	48.78	68.2	20.37	peak
11570	40.69	Straw Co	7.67	48.36	68.2	20.54	peak
S O X	C IN C C		c20 MIMO	5825MHz	NO OF THE	Ster 20 C	S 18 5
11650	40.80	O AR HAIN NO	7.72	48.52	68.2	20.37	peak
11650	40.01	S V St	7.72	48.73	68.2	20.54	o peak

Remarks:

1. Level =Receiver Read level + Factor

2. The emission levels of other frequencies are very lower than the limit and not show in test report.

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**@CT** 

- 3. If the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.
- 4. Data of measurement within frequency range 9kHz-30MHz, 18-40GHz are the noise floor or attenuated more than 20dB below the permissible limits or the field strength is too small to be measured, so test data does not present in this report.
- 5. For MIMO devices refer to KDB Publication 662911 D01.

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## **11. Frequencies Stability**

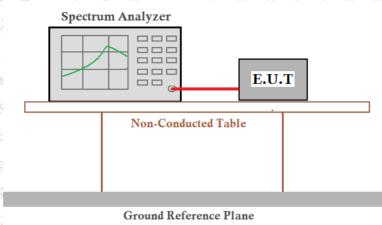
11.1 Applicable Standard

FCC Part15 E Section 15.407(g)

11.2 Limit

It is required that that the emissions are maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

## 11.3 Test setup



## 11.4 Test Procedure

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. Set Centre Frequency of the channel under test.
- 3. Set Detector PEAK
- 4. Set RBW: 10kHz, VBW: 3RBW
- 5. Set Span: Encompass the entire emissions bandwidth (EBW) of the signal.

6. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

User manual temperature is -20°C to +40°C, normal Temperature is +25C.

Manufacturers of UNII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

Test Results (All conditions and all modes were performed, only list Worst-Case in the report)

Remark: NV is normal Voltage: AC 120V, HV is High Voltage: AC 138V, LV is Low Voltage: AC 102V, NT is normal Temperature: +25°C.



## 11.5 Test Data

Se la construction de la constru	Temperature	22°C	Humidity	50%
	ATM Pressure	101.1kPa	Antenna Gain	Ant1: 0.67dBi Ant2: 0.67dBi
ç	Test by	LBiLici Carl	Test result	PASS

## Test result as below table

ANT1										
Mode	Frequency (MHz)	Temperature (℃)	Voltage (AC)	Measured Frequency (MHz)	Limit (MHz)	Verdict				
	S NO O C	STA DO OU	102	5180.0359	5150 to 5250	PASS				
	Le Me ou	25	120	5179.9941	5150 to 5250	PASS				
ATT O	of the the	and the second	138	5179.9827	5150 to 5250	PASS				
STIME	of the the	-20	120	5180.0236	5150 to 5250	PASS				
AND STILL	5180	<u>_10 k</u>	120	5179.962	5150 to 5250	PASS				
	No of the	5 00° K	120	5179.95	5150 to 5250	PASS				
		5 10 0 1	120	5180.023	5150 to 5250	PASS				
a a	AS IN CO	30	120	5179.9975	5150 to 5250	PASS				
\$ .	Le Mar a	40	120	5179.98	5150 to 5250	PASS				
STIP 20	of the time of	Co Le Ma	120	5200.0095	5150 to 5250	PASS				
S Stra	Co the time	25	120	5199.9915	5150 to 5250	PASS				
S. S.	C C C		120	5199.9825	5150 to 5250	PASS				
		<u>-20</u>	5 120	5200.0208	5150 to 5250	PASS				
	5200	A10	120	5199.961	5150 to 5250	PASS				
6 6	Le In a	\$ \$ 0	120	5199.9507	5150 to 5250	PASS				
ANT O C	S LE LING	o 10 5 0	120	5200.0237	5150 to 5250	PASS				
STH NO	of the star	o o 30 🥂	o 120 <	5199.9988	5150 to 5250	PASS				
S S A	g of the time	40 5	120	5199.9753	5150 to 5250	PASS				
ê lê			120	5240.0126	5150 to 5250	PASS				
and the		25	120	5239.9871	5150 to 5250	PASS				
302.11ac	La Maria de	18 IN G	120	5239.9834	5150 to 5250	PASS				
(VHT20)	AP STALL	-20	120	5240.0172	5150 to 5250	PASS				
STILL BO	5240	-10	120	5239.9544	5150 to 5250	PASS				
S. M	C C St	S O O	A 120	5239.9515	5150 to 5250	PASS				
S. B. S		10 0 0	120	5240.0228	5150 to 5250	PASS				
S LE	KING OCTA	30	120	5240.0024	5150 to 5250	PASS				
3 8 4	S IN C C	40.0 0	120	5239.9816	5150 to 5250	PASS				
20 00	ATT STILL O	S AN AN G	120	5260.0353	5250 to 5350	PASS				
	S AN STR S	25	120	5259.9877	5250 to 5350	PASS				
St. A	OF CHE CAN A		120	5259.9801	5250 to 5350	PASS				
N. L. M		-20	120	5260.021	5250 to 5350	PASS				
a le	5260	-10	120	5259.9579	5250 to 5350	PASS				
e ki	ATTAC OF OF		120	5259.9514	5250 to 5350	PASS				
so o	to stim to de	J 10 0 0	120	5260.0252	5250 to 5350	PASS				
A C C C	CTESTING OF	30	120	5259.9954	5250 to 5350	PASS				
STREAM STREAM	and the second second	40	120	5259.9805	5250 to 5350	PASS				
estime of the the start			120	5300.0183	5250 to 5350	PASS				
of the start of th		25 ° 1	120	5299.9865	5250 to 5350	PASS				
8 18		ST NO 25 G TT	120	5299.9811	5250 to 5350	PASS				
	5300	-20°	120	5300.0259	5250 to 5350	PASS				
. NO 04	N 6 8 0		18 N. 183	5299.9569		PASS				
N 20 0	A ST S	<u> </u>	120 120	5299.9509	5250 to 5350 5250 to 5350	PASS				

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	10 0	120	5300.0197	5250 to 5350	PASS
	30	2 120	5300.0101	5250 to 5350	PASS
Star of of	40 0	120	5299.9776	5250 to 5350	PASS
ST 20 OF	AT AT O	120	5320.0092	5250 to 5350	PASS
att att at	25	120	5319.9886	5250 to 5350	PASS
	C L C	120	5319.9816	5250 to 5350	PASS
	-20	120	5320.0212	5250 to 5350	PASS
5320	-10 8	120	5319.9562	5250 to 5350	PASS
In a a k	0.000	120	5319.9493	5250 to 5350	PASS
Still NO OF	10 0	120	5320.0238	5250 to 5350	PASS
	30	120	5320.0089	5250 to 5350	PASS
and the second	40	120	5319.981	5250 to 5350	PASS
a la la		120	5500.0339	5470 to 5725	PASS
5 8 K	25	120	5499.9863	5470 to 5725	PASS
	STAR OF A	120	5499.9827	5470 to 5725	PASS
5 20 00	-20	120	5500.0182	5470 to 5725	PASS
5500	-10	120	5499.9636	5470 to 5725	PASS
S LE M	8 0.8	120	5499.9531	5470 to 5725	PASS
a te the	0 10	120	5500.0221	5470 to 5725	PASS
	30	120	5500.0089	5470 to 5725	PASS
No of the	40	120	5499.9789	5470 to 5725	PASS
		120	5580.0296	5470 to 5725	PASS
E M	25	120	5579.9859	5470 to 5725	PASS
Les Mar a		120	5579.9792	5470 to 5725	PASS
5580	-20	120	5580.0246	5470 to 5725	PASS
	-10	120	5579.9608	5470 to 5725	PASS
		120	5579.9486	5470 to 5725	PASS
	10	120	5580.0188	5470 to 5725	PASS
Si No C	30	120	5580.0016	5470 to 5725	PASS
LES IM G	40	120	5579.9768	5470 to 5725	PASS
A AND O		120	5700.0194	5470 to 5725	PASS
C AR AM	25	120	5699.9946	5470 to 5725	PASS
		120	5699.9807	5470 to 5725	PASS
A C C	-20	120	5700.0172	5470 to 5725	PASS
5700	-10	120	5699.9548	5470 to 5725	PASS
0000	0 6 5	120	5699.9486	5470 to 5725	PASS
AP ATT O	10	120	5700.0247	5470 to 5725	PASS
a ches stime	30	120	5700.0008	5470 to 5725	PASS
	40	120	5699.9824	5470 to 5725	PASS
		120	5745.0095	5725 to 5850	PASS
STING OF	25	120	5744.9879	5725 to 5850	PASS
in a a	1925	120	5744.9792		PASS
THE STAN OF	-20	120	5745.0274	5725 to 5850 5725 to 5850	PASS
5745	-10	120		5725 to 5850	PASS
00/40		120	5744.9562 5744.945	5725 to 5850	PASS
a 2 10					
Mar an K		120	5745.0283	5725 to 5850	PASS
STIME OF OF	147 IST (	120	5745.01	5725 to 5850	PASS PASS
K St 20 0		120	5744.9721	5725 to 5850	
CAR ST 20	COL STRUCT	120	5785.0149	5725 to 5850	PASS
C AN AN A	25	120	5784.9912	5725 to 5850	PASS
	10 00 × 10 1	120	5784.9734	5725 to 5850	PASS
5785	-20	120	5785.0229	5725 to 5850	PASS
STIME AND ON	-10	120	5784.9524	5725 to 5850	PASS
STA O C	0	120	5784.9459	5725 to 5850	PASS
The STIM NO	<u></u> 10	120	5785.0251	5725 to 5850	PASS
AN AN CO	° 30°	120	5785.0054	5725 to 5850	PASS

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a la st		40	120	5784.9744	5725 to 5850	PASS
S LE	IN G G G		/ 120	5825.0181	5725 to 5850	PASS
	LIM 6 C	25	120	5824.9858	5725 to 5850	PASS
, 2º 0º	THE STIM NO O	S LE LE C	120	5824.9797	5725 to 5850	PASS
Sti 20 O	AN AN A	-20	120	5825.0204	5725 to 5850	PASS
15 M	5825	-10	120	5824.957	5725 to 5850	PASS
S LA M		N 0 0 1	120	5824.9454	5725 to 5850	PASS
8 LE X		10	120	5825.0206	5725 to 5850	PASS
S L	Aller of of	30	120	5825.0103	5725 to 5850	PASS
S 8 4		40	120	5824.9766	5725 to 5850	PASS
5 0°	A AND	C AT A	120	5190.0246	5150 to 5250	PASS
S NO O	C S AN	25	120	5189.9948	5150 to 5250	PASS
P. Nº	OF AN AN A	S CZJ AC A	120	5189.9784	5150 to 5250	PASS
S' L' A		-20	120			PASS
e le l	5190			5190.0228	5150 to 5250	12 2.33
5 6 A	5190	-10	120	5189.9549	5150 to 5250	PASS
Nº OU	AT STATION		120	5189.949	5150 to 5250	PASS
Stinge O	- 01 5 - 0 -	10	120	5190.0248	5150 to 5250	PASS
AS IN	O ST ST AC	30	120	5190.0102	5150 to 5250	PASS
AN AN	C C C	<u>6 40 8</u>	120	5189.9835	5150 to 5250	PASS
8 Pris	5230 <sup>10</sup>		120	5230.0257	5150 to 5250	PASS
a la		25	120	5229.9866	5150 to 5250	PASS
S of A		AP AND	120	5229.9789	5150 to 5250	PASS
. 2º º	THE STIM DE	-20	120	5230.0221	5150 to 5250	PASS
ST NO O	5230	° -10	120	5229.9556	5150 to 5250	PASS
E A	C C LE LE	ల రింగ్ న	<u> </u>	5229.9527	5150 to 5250	PASS
		J 10 J	120	5230.0157	5150 to 5250	PASS
S LE A	The server	30	120	5229.9972	5150 to 5250	PASS
	aller of of	A 40	120	5229.9828	5150 to 5250	PASS
20 0° 1	E IN O O	A LE LE C	8 120	5270.0171	5250 to 5350	PASS
(11 , <sub>12</sub> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AND SIN SO	25	120	5269.985	5250 to 5350	PASS
STI NO	a the star so	of the star	120	5269.9761	5250 to 5350	PASS
and the		-20	120	5270.0235	5250 to 5350	PASS
02.11ac	5270	-10	120	5269.963	5250 to 5350	PASS
VHT40)	ATTAL CO OC	0 0 0	120	5269.9503	5250 to 5350	PASS
0 8 8		10 0	120	5270.0173	5250 to 5350	PASS
\$ 0°	a the time of	30 0	120	5270.0008	5250 to 5350	PASS
Still and O	AN AN A	40	120	5269.9822	5250 to 5350	PASS
STESTING CONTESTING	Contraction of the state		120	5310.0242	5250 to 5350	PASS
e le la	NO OCTO TEST	511 <sup>40</sup> 25 61 <sup>40</sup>	120	5309.9858	5250 to 5350	PASS
e le l	Me of the	31 1 1 2 0 C	120	5309.9817	5250 to 5350	PASS
	5310	-20	( ) ( )	5310.0248	5250 to 5350	PASS
CA CA A	5310	-10	120	5309.9584	5250 to 5350	PASS
	5310					
Contestino Contestino			120	5309.9471	5250 to 5350	PASS
Ind of the of th		10 20	120	5310.0262	5250 to 5350	PASS
and and		30	120	5310.009	5250 to 5350	PASS
ê jê	A C C	40 0	120	5309.9766	5250 to 5350	PASS
	a charles of	E LET MA CO	120	5510.0208	5470 to 5725	PASS
	5110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	25	120	5509.9853	5470 to 5725	PASS
	AF AND O	S S LE LE LE	120	5509.9782	5470 to 5725	PASS
STHE THE STHE	C L SING	<u>-20</u>	120	5510.0159	5470 to 5725	PASS
of the testing	5510	10 🖉	120	5509.9593	5470 to 5725	PASS
STREETING CONTESTING	NO OCTO		10 · · · · ·	5509.9491	5470 to 5725	PASS
	Still and of	10 °	120	5510.0245	5470 to 5725	PASS
No of the	e in a	30	120	5510.0054	5470 to 5725	PASS
ING OC OC	AP AN G	e .40	120	5509.9806	5470 to 5725	PASS
AN CA (	5550	25	120	5550.0233	5470 to 5725	PASS

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		THE CONTRACT	120	5549.9866	5470 to 5725	PASS
C Le L	In a a le		2 120	5549.9938	5470 to 5725	PASS
e la	Star of	-20	120	5550.0232	5470 to 5725	PASS
Nº Or C	The still all of	-10 0	120	5549.9944	5470 to 5725	PASS
Ne of	STY ST NO	0 0 0	120	5549.9998	5470 to 5725	PASS
S' IN C		10 0	120	5550.0019	5470 to 5725	PASS
Les Mar	a de la la	30	120	5550.0042	5470 to 5725	PASS
P LP L		40	120	5549.9781	5470 to 5725	PASS
e le	STILL OF X	C IN G OF	120	5670.0203	5470 to 5725	PASS
	ST 20 O	25	120	5669.9845	5470 to 5725	PASS
NO ON	CAR STILLE	3 AN AN A	120	5669.9789	5470 to 5725	PASS
No o		-20	120	5670.0232	5470 to 5725	PASS
S AN	5670	-10	120	5669.9628	5470 to 5725	PASS
Le M			120	5669.9523	5470 to 5725	PASS
8 18 G		10	120	5670.0021	5470 to 5725	PASS
0°	STALL OF	30	120	5670.0094	5470 to 5725	PASS
ç o j	N ST S S	40			5470 to 5725	
Nº O	A B A	~ 40 K	120	5669.9773		PASS
3 IN	and and	OF STR	120	5755.0122	5725 to 5850	PASS
12° AM	a de la la	25	120	5754.985	5725 to 5850	PASS
R. A.		and	120	5754.9762	5725 to 5850	PASS
e le	STATE OF CON	-20	120	5755.0232	5725 to 5850	PASS
e a	5755		120	5754.9561	5725 to 5850	PASS
20 OD	CTR STILL	S 100 m	120	5754.9456	5725 to 5850	PASS
NA O		<u> </u>	120	5755.0241		PASS
S 1	C LO LO	≥ <u>`</u> 30≦	0 120	5755.0036		
Le A		40	120	5754.9726		
S 18 1	Mar of of the	Co C C	120	5795.0234		
e xe	STIME O OC	25	120	5794.9835	5725 to 5850	
3 6 1	A Star of	AP AND O	120	5794.982	5725 to 5850           5725 to 5850	PASS
20 0	CTP STILL	-20	120	5795.0232		PASS
Nº A	5795	-10	o 120 🖉	5794.9482	5725 to 5850	PASS
Le in	NO OC ACT ASTING	0 0	120	5794.9433	5725 to 5850	PASS
Le A		10 0	120	5795.0238	5725 to 5850	PASS
8 18		30	120	5794.9998	5725 to 5850	PASS
e x		40	120	5794.9718	5725 to 5850	PASS
\$ 0°	AN AN A C	S AR AT O	120	5710.0235	5725 to 5850	PASS
ing of	CTE STILLE	25	120	5609.9864	5725 to 5850	PASS
STINC STING	och the the		120	5609.9768	5725 to 5850	PASS
STRATESTING CONTRACTOR	5710 5710	-20	120	5710.0181	5725 to 5850	PASS
S La X	•	-10	120	5609.9569	5725 to 5850	PASS
	aller of oc		400	5609.9488	5725 to 5850	PASS
Ind ac of	ESTING OF STING	10	120	5710.0219	5725 to 5850	PASS
Ind of		30	120	5710.0009	5725 to 5850	PASS
	a the strange	40	120	5609.9831	5725 to 5850	PASS
E S		S CHO KE	120	5210.0113	5150 to 5250	PASS
CTESTING STR		25	120			
CTESTING OCTESTING	STIMP NO OCT Y	S Mag		5209.9876	5150 to 5250	PASS
	TESTING OC C	10 mg	120	5209.9771	5150 to 5250	PASS
s s		-20	120	5210.0231	5150 to 5250	PASS
2.11ac	5210	· -10	120	5209.9578	5150 to 5250	PASS
HT80)	OF THE STE S	0	120	5209.9519	5150 to 5250	PASS
18 M	0 (N (A)	<u> </u>	120	5210.0226	5150 to 5250	PASS
S TEST P		30	120	5210.0065	5150 to 5250	PASS
e le	AND ON	40	120	5209.9746	5150 to 5250	PASS
3 0 K	C IN C C	Le in a	120	5290.0196	5250 to 5350	PASS
o oci c	5290	25	120	5289.9928	5250 to 5350	PASS
N 64 (	S & N	& R M	120 🖉	5289.9773	5250 to 5350	PASS

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		-20	120	5290.016	5250 to 5350	PASS
S LE X	No of of	<u>َ</u> _10	120	5289.9547	5250 to 5350	PASS
S 8 18	AND OF OF	R 50	120	5289.9521	5250 to 5350	PASS
S O X	C STR O	10 0	120	5290.0252	5250 to 5350	PASS
ST NO O	CAR STR 20	30	120	5289.9948	5250 to 5350	PASS
15 Marson		40	120	5289.9778	5250 to 5350	PASS
		Nº . · · · ·	120	5530.0105	5470 to 5725	PASS
S La La		25 6	120	5529.9828	5470 to 5725	PASS
8 12	LIND O OC'	Le In a	120	5529.9743	5470 to 5725	PASS
2 0 0	STIM 10 OF	-20	120	5530.0201	5470 to 5725	PASS
NO OU	5530	-10	120	5529.9584	5470 to 5725	PASS
E NO C	C C C		120	5529.9473	5470 to 5725	PASS
A AN		10	120	5530.0231	5470 to 5725	PASS
8 18 18	6 8 B		120	5530.0105	5470 to 5725	PASS
e de	S O A	40	120	5529.9762	5470 to 5725	PASS
	5 6 6		120	5775.02	5725 to 5850	PASS
AND OF A	in the contract of the contrac	25	120	5774.9837	5725 to 5850	PASS
S AND G	ST ST A	or the star as	120	5774.9719	5725 to 5850	PASS
AP AND O	a la la	-20	120	5775.0275	5725 to 5850	PASS
Le Ithe	5775	-10	120	5774.956	5725 to 5850	PASS
C LE LE		0 0	120	5774.9448	5725 to 5850	PASS
of the	In so so the	10	120	5775.025	5725 to 5850	PASS
	Sti No O	30	120	5775.0069	5725 to 5850	
AND A RE	A LA LA	40		5774.9801		6
2 11 0	a la la	40	120 120	5690.0259	5725 to 5850 5725 to 5850	PASS PASS PASS PASS PASS
AP AND O	No contraint	25 ch	120	5589.9905	5725 to 5850	
S LE LE			( ) (	1 7.5 255		
or an an		an an a	120	5589.9813	5725 to 5850	PASS
	FROO	-20	120	5690.0225	5725 to 5850	
Ma a a	5690	-10	120	5589.9629	5725 to 5850	PASS
AND O O	S LE IN	0 10 M	120	5589.9499	5725 to 5850	PASS
10° SIN S	S LE I	10 5	120	5690.0221	5725 to 5850	PASS
Charles and	3 8 K 4	30	120	5589.9991	5725 to 5850	PASS
C AN AN	a control	40 0	120	5589.9805	5725 to 5850	PASS
a and		C ST C C	120	5250.0184	5150 to 5350	PASS
	La Marco	25	120	5249.9902	5150 to 5350	PASS
ATTER OF OF	A AN G		120	5249.9819	5150 to 5350	PASS
STIM NO	S FOFO STREET	-20	120	5250.0273	5150 to 5350	PASS
CTESTING OCTESTING	5250	-10	120	5249.9575	5150 to 5350	PASS
	S S A		120	5249.9422	5150 to 5350	PASS
	STING OCTOR	10 °	120	5250.0207	5150 to 5350	PASS
02.11ac		30 0	120	5249.9942	5150 to 5350	PASS
VHT160)	C LEIN C	40	120	5249.9749	5150 to 5350	PASS
N 6 6	P IP IN O	C AN AN	120	5570.0146	5470 to 5725	PASS
CETESTING CONTESTING	C RESTRUCTES THE	25 2	120	5569.9871	5470 to 5725	PASS
	s of the start	The of the	120	5569.9771	5470 to 5725	PASS
	5570	-20 °	120	5570.0023	5470 to 5725	PASS
a and	6670	-10	120	5569.9498	5470 to 5725	PASS
AC CONTR	AS AND A	ST SO S	120	5569.9458	5470 to 5725	PASS
ANT O O		10 N	120	5570.0257	5470 to 5725	PASS
STREAME CONTE	S LE LIN	ر `S30 ک	120	5570.0087	5470 to 5725	PASS
AN AN O	of the st	o 40 X	120	5569.9741	5470 to 5725	PASS

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## 12. Dynamic Frequency Selection (DFS)

Table 4 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

#### Table 4: FS Detection Thresholds for Master Devices and Client Devices with Radar Detection

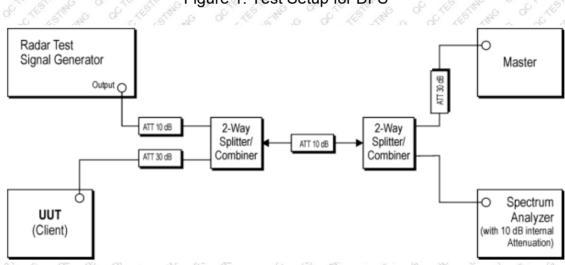
Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm / / / / / / / / / / / / /
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01

### Test Procedure

The FCC KDB 905462 D02 v02 describes a radiated test setup and a conducted test setup. A conducted test setup was used for this testing. Figure 1 shows the typical test setup. One channel selected between 5260 and 5350 MHz is chosen for the testing.



### Figure 1. Test Setup for DFS

### Channel Closing Transmission Time, Channel Move Time and Non-Occupancy Period.

Block Diagram of test setup test procedure.

(1) The Radar Pulse generator is setup to provide a pulse at frequency that the master and client are operating, A type 0 radar pulse is used for the testing.

(2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately 62dBm at the antenna of the master device.

(3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

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(4) The Client Device (EUT) is set up per the diagram in Figure 1 and communications between the Master device and the Client is established.

(5) Iperf software is used to properly load the test channel.

(6) The real ime spectrum analyzer is set to record a 16sec window to any transmissions occurring up to and after 10sec.

(7) The system is again setup and the monitoring time is shortened in order to capture the Channel Closingl Transmission Time. This time is measured to ensure that the Client ceases transmission within 200ms and the aggregate of emissions occurring after 200ms up to 10 sec do not exceed 60ms.(Note: the channel may be different since the Master and Client have changed channels due to the detection of e initial radar pulse.)

(8) After the initial radar burst the channel is monitored for 30 minutes to ensure no transmissions or beaconsl occur. A second monitoring setup is used to verify that the Master and Client have both moved to different channels.

### Test Result

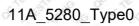
Clause	Test Parameter	Remarks	Pass/Fail
15.407	DFS Detection Threshold	Not Applicable	N/A
15.407	Channel Availability Check time	Not Applicable	N/A
15.407	Channel Move time	Applicable	Pass
15.407	Channel Closing Transmission time	Applicable	Pass
15.407	Non-occupancy Period	Not Applicable	N/A
15.407	Uniform Spreading	Not Applicable	N/A
15.407	UNII Detection Bandwidth	Not Applicable	N/A <

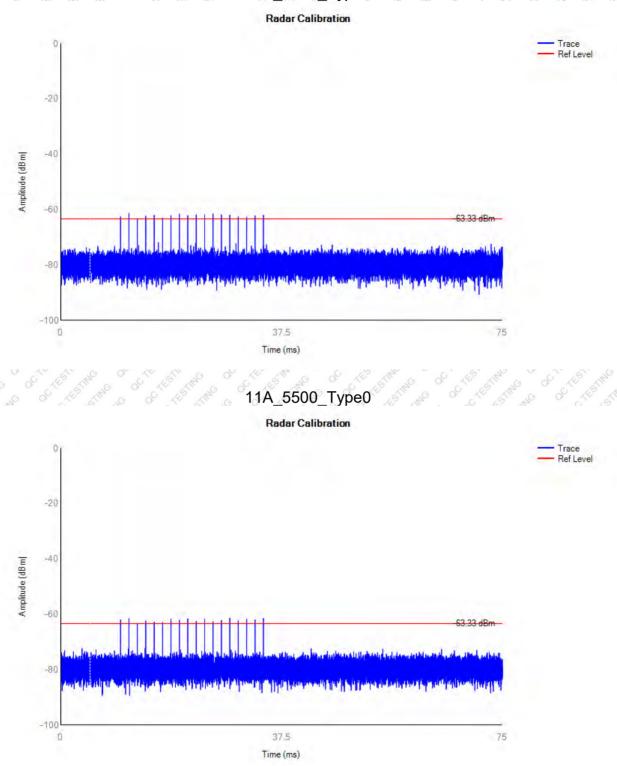
Test Mode	Channel	CCT(ms)	Limit(s)	CTT(ms)	Limit(ms)	CMT(ms)	Limit(ms)	Verdict
114 8180	5280 0.0556 60	253.6	260	257.3	10000	PASS		
11A_SISO	5500	0.0424	60	237.2	260	244.1	10000	
	5270	0.0316	60	223.2	260	231.3	10000	PASS
11N40_SISO	5510	0.0236	60	220	260	223.7	10000 PASS 10000 PASS	PASS
11AC80 SISO	5290	0.0304	60 0	129.6	260	231.3 1000	10000	PASS
TIAC00_5150	5530	0.0036	60	190	260	203.3	10000	PASS

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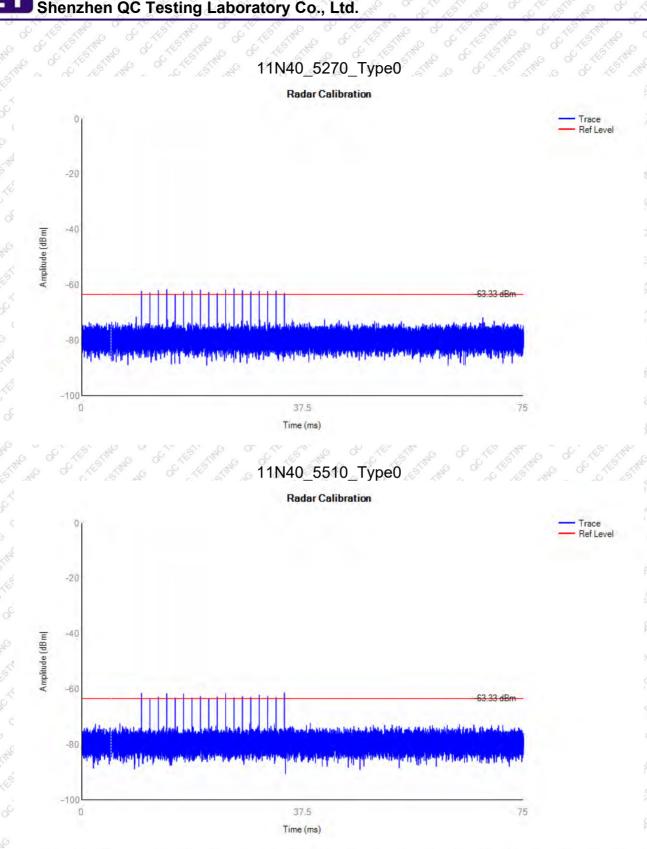
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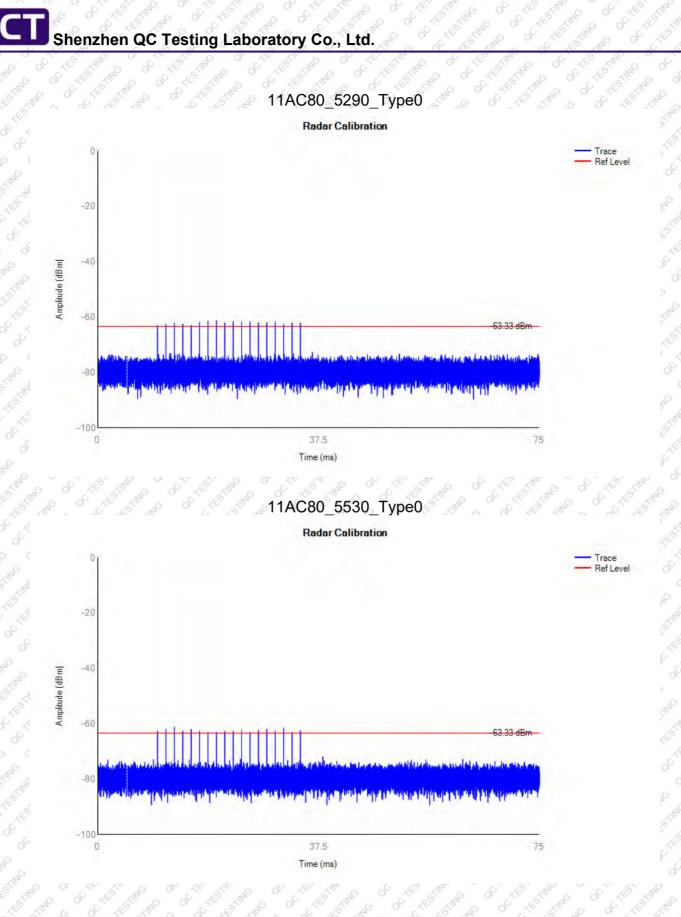


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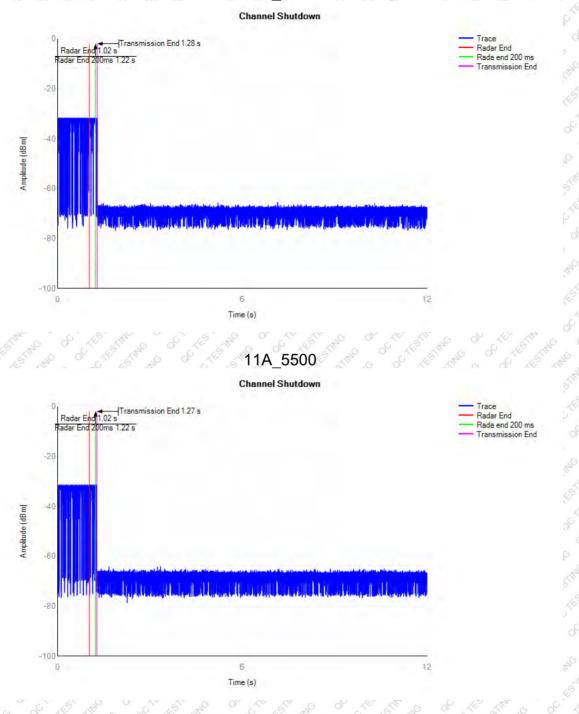
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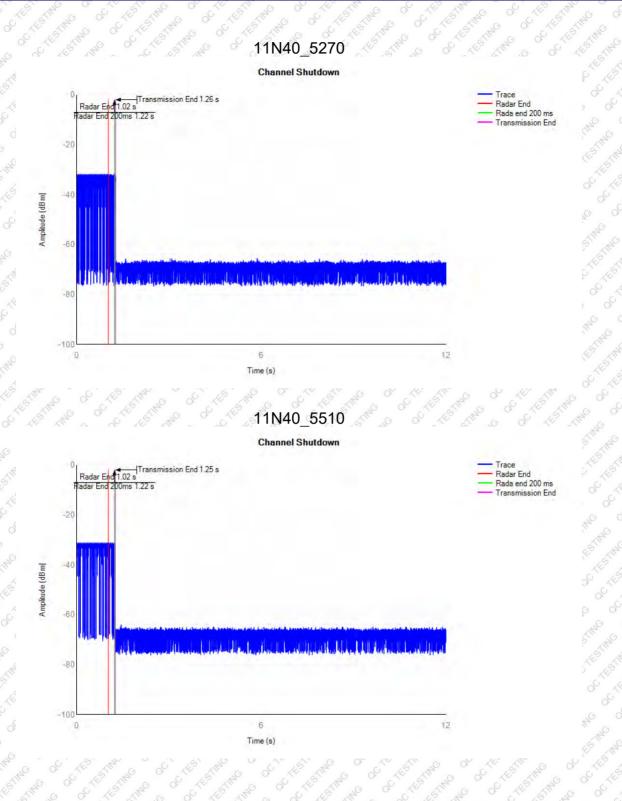






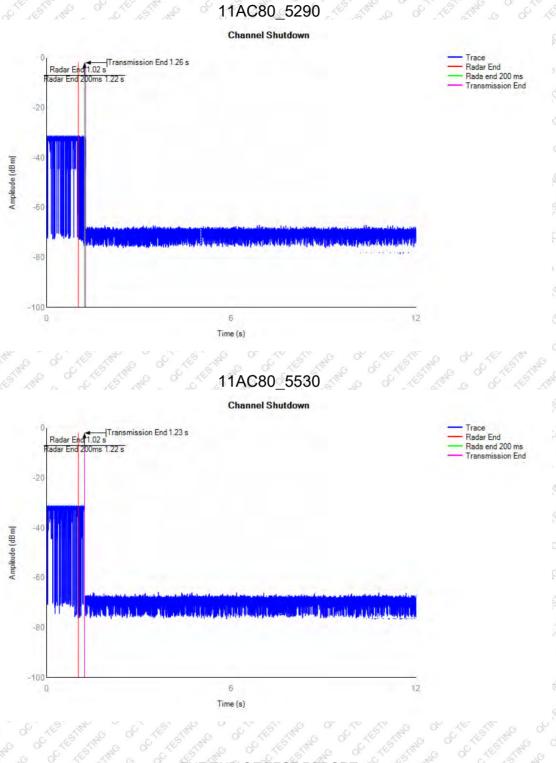
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