

Radio Test Report

Report No.: RJBDBG-WTW-P21070273-1

Test Model: VR0030

Received Date: July 08, 2021

Test Date: July 16 to Aug. 24, 2021

Issued Date: Sep. 03, 2021

Applicant: LOGITECH FAR EAST LTD.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch
Hsin Chu Laboratory

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Test Location: E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park, Hsinchu City 300,
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Release Control Record

Issue No.	Description	Date Issued
RJBKDG-WTW-P21070273-1	Original release.	Sep. 03, 2021

1 Certificate of Conformity

Product: RoomMate

Brand: logicool

Test Model: VR0030

Sample Status: Engineering sample

Applicant: LOGITECH FAR EAST LTD.

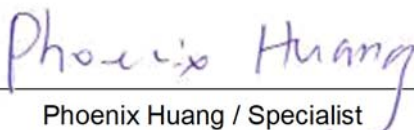
Test Date: July 16 to Aug. 24, 2021

Standards: Certification Ordinance Article 2-1-19-3

Measurement was conducted by the temporary test method which TELECOM submitted to the Minister for Internal Affairs and Communications based on the Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Article 88, Paragraph 2

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by :


Phoenix Huang / Specialist

Date:

Sep. 03, 2021

Approved by :


Clark Lin / Technical Manager

Date:

Sep. 03, 2021

2 Summary of Test Results

The EUT has been tested according to the following specifications:

Notice 88 Appendix 45 Reference	ARIB STD-T71 Ref.	Report Reference	Parameter	Test Results (Note)
General Provisions				
C	3.1.2 (4)	4.1	Frequency tolerance	C
D	3.1.2 (11)	4.2	Occupied bandwidth	C
E	3.1.2 (8)	4.3	Spurious emissions	C
Transmitting Equipment				
F	3.1.2 (3)	4.5	Tolerance of antenna power	C
--	--	--	SAR	NA
Transmitting Antenna				
--	--	3.5	Type, configuration, etc. of transmitting antenna	C
--	--	3.5	Direction pattern of transmitting antenna	C
Receiving Equipment				
H	3.1.3 (1)	4.6	Spurious emissions of receiver	C
--	--	3.5	Refer to all articles for transmitting antenna	C
Operating Frequency (W52+W53+W56)				
--	3.1.8 (1)	3.4	High frequency / modulation section can not be opened easily	C
--	3.1.1(1)	3.1	Communication method	C
--	3.1.2 (1)	3.1	Modulation method	C
--	3.1.2 (6)	3.1	Signal transmission rate	C
--	3.1.2 (7)	4.7	Burst length	C
--	3.1.2 (2)	4.5	Antenna power	C
--	3.1.2 (5)	4.5	Isotropically radiated power	C
--	3.1.2 (1)	4.10	Number of carriers within 1 MHz bandwidth in OFDM	C
--	3.1.2 (10)	4.3	Out-band leakage power	C
--	3.1.2 (9)	4.4	Adjacent channel leakage power	C
	3.1.4.1	4.8	Interference Prevention Function	C
--	3.1.7(1)	4.9	Carrier sense capability	C
--	3.1.7(2)	--	Dynamic frequency selection	NA
Note: 1. C = Conform NC = Not Conform NT = Not Tested NA = Not Applicable 2. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.				

2.1 Test Instruments

Description & Manufacturer	Model no.	Serial No.	Calibrated Date	Calibrated Until	Calibration Authority	Calibration Method
Spectrum Analyzer R&S	FSV40	101516	Mar. 08, 2021	Mar. 07, 2022	ETC	(c)
ESG Vector signal generator Agilent	E4438C	MY45094468	Nov. 18, 2020	Nov. 17, 2021	ETC	(c)
Power Meter Anritsu	ML2495A	1529002	June 21, 2021	June 20, 2022	ETC	(c)
Power Sensor Anritsu	MA2411B	1339443	May 31, 2021	May 30, 2022	ETC	(c)
DC Power Supply Topward	6603D	795558	NA	NA	NA	NA
AC Power Source Extech Electronics	6905S	1991551	NA	NA	NA	NA
True RMS Clamp Meter FLUKE	325	31130711WS	June 02, 2021	June 01, 2022	ETC	(c)
Power Combiner Mini-circuits	ZFRSC-123-S+	F698501347_02	Dec. 23, 2020	Dec. 22, 2021	BV CPS E&E	(d)
Power Divide Warison	WDIV-4R4029	0001	Jan. 11, 2021	Jan. 10, 2022	BV CPS E&E	(d)

- Note:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. Calibration method :
 - a) : Calibration conducted by the National Institute of Information and Communications Technology (NICT) or a designated calibration agency under Article 102-18 paragraph (1).
 - b) : Calibration conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992) Japan Calibration Service System.
 - c) : Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).
 - d) : Calibration conducted by using other equipment that listed above from a) to c).
 3. The power supply no evaluation calibrated, which used the digital multimeter to verify.
 4. Tested Date: July 16 to Aug. 24, 2021

2.2 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in TR 100 028-1.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

Parameter	Uncertainty
Occupied Bandwidth	± 960 Hz
Spurious emissions	± 2.5 dB
Output power density	± 1.2 dB
Adjacent Channel Leakage Power	± 2.5 dB
Out of band radiated power	± 2.5 dB
Frequency Tolerance	± 960 Hz
Burst length	± 1.8 ms

2.3 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	RoomMate
Brand	logicool
Test Model	VR0030
Status of EUT	Engineering sample
Nominal Voltage	19 Vdc from power adapter
Modulation Type	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 11ac mode
Modulation Technology	OFDM
Transfer Rate	802.11a: up to 54 Mbps 802.11n: up to 600 Mbps 802.11ac: up to 866.7 Mbps
Operating Frequency	5.18 ~ 5.24 GHz, 5.26 ~ 5.32 GHz, 5.50 ~ 5.70 GHz
Number of Channel	5GHz: (W52+W53) 802.11a/n (HT20)/ac (VHT20): 8 802.11n (HT40)/ac (VHT40): 4 802.11ac (VHT80): 2 5GHz: (W56) 802.11a/n (HT20)/ac (VHT20): 11 802.11n (HT40)/ac (VHT40): 5 802.11ac (VHT80): 2
Rated RF Output Power Density	Refer to Note
Conducted RF Output Power Density	Refer to Note
Radiated RF Output Power Density	Refer to Note
Antenna Type	Refer to section 3.5
Antenna Connector	Refer to section 3.5
Accessory Device	Adapter x 1; Remote x 1
Data Cable Supplied	NA

Note:

1. The EUT has below radios as following table:

Radio 1	Radio 2
WLAN (2.4GHz + 5GHz)	Bluetooth

2. Simultaneously transmission condition.

Condition	Technology	
1	WLAN (2.4GHz)	WLAN (5GHz)
2	WLAN (2.4GHz)	Bluetooth
3	WLAN (5GHz)	Bluetooth

3. The EUT must be supplied with a power adapter and following below table:

Brand	Model No.	Spec.
logitech	DSA-90PFE-19 3 190474	Input: 100-240 Vac, 1.5 A, 50/60Hz AC power cord (shielded, 0.9 m) Output: 19 Vdc, 4.74 A DC output cable (shielded, 1.5 m, with one core)

4. The EUT incorporates a MIMO function.

MODULATION MODE	TX & RX CONFIGURATION	
802.11a	2TX	2RX
802.11n (HT20)	2TX	2RX
802.11n (HT40)	2TX	2RX
802.11ac (VHT20)	2TX	2RX
802.11ac (VHT40)	2TX	2RX
802.11ac (VHT80)	2TX	2RX

5. The power table as below table:

Modulation Mode	Rated output power density (mW/MHz)	Conducted RF output power density (mW/MHz)	Radiated RF output power density (mW/MHz)
W52			
802.11a	1.5	1.656	4.667
802.11ac (VHT20)	1.1	1.238	3.489
802.11ac (VHT40)	1.1	1.056	2.976
802.11ac (VHT80)	0.1	0.087	0.245
W53			
802.11a	1.5	1.791	4.447
802.11ac (VHT20)	1.1	1.193	2.962
802.11ac (VHT40)	1.1	1.235	3.067
802.11ac (VHT80)	0.1	0.114	0.283
W56			
802.11a	7	6.036	17.368
802.11ac (VHT20)	7	5.677	16.335
802.11ac (VHT40)	3.5	3.135	9.021
802.11ac (VHT80)	1.75	1.564	4.5

6. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

3.2 Description of Test Modes

Operated in 5180 ~ 5320MHz band (W52 & W53):

8 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
36	5180	52	5260
40	5200	56	5280
44	5220	60	5300
48	5240	64	5320

4 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
38	5190	54	5270
46	5230	62	5310

2 channels are provided for 802.11ac (VHT80):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
42	5210	58	5290

Operated in 5500 ~ 5720MHz band (W56):

11 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
100	5500	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	140	5700
120	5600		

5 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
102	5510	126	5630
110	5550	134	5670
118	5590		

2 channels are provided for 802.11ac (VHT80):

Channel	Freq. (MHz)	Channel	Freq. (MHz)
106	5530	122	5610

Note:

- The channels which were indicated in bold type of the above channel list were selected as representative test channel. Therefore only the data of the test channels were recorded in this report.

By means of test software (qdart.win.4.8_installer_00074.101-30-20_06_01_09) provided by manufacturer, the power levels during the tests were set according to the following codes:

Operated in 5180 ~ 5320MHz band (W52 & W53):

802.11a		802.11ac (VHT20)		802.11ac (VHT40)		802.11ac (VHT80)	
Channel	Power Setting	Channel	Power Setting	Channel	Power Setting	Channel	Power Setting
36	13	36	11.5	38	14	42	7
48	6	48	5	46	8	58	8
52	6	52	5	54	11		
64	13.5	64	12	62	15		

Operated in 5500 ~ 5700MHz band (W56):

802.11a		802.11ac (VHT20)		802.11ac (VHT40)		802.11ac (VHT80)	
Channel	Power Setting	Channel	Power Setting	Channel	Power Setting	Channel	Power Setting
100	18	100	18	102	18.5	106	19
120	18	120	18.5	118	18.5	122	19
140	18.5	140	18.5	134	18.5		

3.3 Test Conditions

Test Conditions		Voltage (Vdc)
V_{normal}		19
$V_{max.}$	+10%	20.9
$V_{min.}$	-10%	17.1

Test modes are presented in the report as below:

Test Item	Test Conditions	Environmental Conditions
Frequency Tolerance	Chain 0	25 deg.C, 60 % RH
Occupied Bandwidth	Chain 0 Chain 1	25 deg.C, 60 % RH
Spurious Emissions for Transmitter and Out-Band Leakage Power	Chain 0 Chain 1 W	25 deg.C, 60 % RH
Adjacent Channel Leakage Power	Chain 0 Chain 1 C S	25 deg.C, 60 % RH
Antenna Power	Chain 0 Chain 1 S	25 deg.C, 60 % RH
Spurious Emission for Receiver	Chain 0 Chain 1 S	25 deg.C, 60 % RH
Burst Length	Chain 0 Chain 1 C	25 deg.C, 60 % RH
S : Sum of each Chain, C : Use combiner, W : [Worst result] x [Number of antenna ports]		

3.4 Assembly

The EUT is constructed as a RoomMate. The RF circuit was covered by metal shielding case, and the metal shielding case won't be easy to be opened.

3.5 Antenna Specifications

3.5.1 Antenna Gain

Antenna No.	RF Chain No.	Brand	Model	Antenna Net Gain(dBi)	Frequency Range (GHz)	Antenna Type	Connector Type
1	Chain 0	Speed	F-0R-CC-6029-001-00	3.89 3.69 1.96 3.3 2.84	2.4~2.4835 5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.850	Monopole	MHF(I-PEX)
2	Chain 1	Speed	F-0R-CC-6029-002-00	2.1 4.5 3.95 4.59 4.92	2.4~2.4835 5.15~5.25 5.25~5.35 5.47~5.725 5.725~5.850	Monopole	MHF(I-PEX)

Note:

1. Max. gain was selected for the final test.
2. The Bluetooth technology will fix transmission on Chain (0)

* The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

3.5.2 Antenna Pattern

Please refer the attach file – antenna pattern.

4 Test Results

4.1 Frequency Tolerance Measurement

4.1.1 Limits of Frequency Tolerance Measurement

Tolerance of frequency shall be +/- 20ppm

4.1.2 Test Setup



4.1.3 Test Results

802.11a / 802.11ac (VHT20)

Chain 0

Channel	Frequency (MHz)	V_{normal}		$V_{max.}$		$V_{min.}$	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
36	5180	5180.048178	9.300	5180.047165	9.105	5180.046648	9.005
48	5240	5240.046788	8.929	5240.046229	8.822	5240.046001	8.778
52	5260	5260.046556	8.850	5260.046287	8.799	5260.046055	8.755
64	5320	5320.047510	8.930	5320.046735	8.784	5320.046553	8.750
100	5500	5500.048260	8.774	5500.047799	8.690	5500.047866	8.702
120	5600	5600.049370	8.816	5600.049042	8.757	5600.048723	8.700
140	5700	5700.050502	8.860	5700.049775	8.732	5700.049593	8.700

802.11ac (VHT40)

Chain 0

Channel	Frequency (MHz)	V_{normal}		$V_{max.}$		$V_{min.}$	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
38	5190	5190.045596	8.785	5190.045247	8.718	5190.045102	8.690
46	5230	5230.046068	8.808	5230.045736	8.744	5230.045503	8.700
54	5270	5270.046382	8.801	5270.046060	8.740	5270.046060	8.740
62	5310	5310.046872	8.827	5310.046726	8.799	5310.046402	8.738
102	5510	5510.048752	8.847	5510.048432	8.789	5510.048142	8.737
118	5590	5590.049515	8.857	5590.049047	8.774	5590.048839	8.736
134	5670	5670.050299	8.871	5670.050012	8.820	5670.049713	8.767

802.11ac (VHT80)

Chain 0

Channel	Frequency (MHz)	V_{normal}		$V_{max.}$		$V_{min.}$	
		Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)	Carrier frequency (MHz)	Frequency tolerance (ppm)
42	5210	5210.046179	8.863	5210.045770	8.785	5210.045764	8.783
58	5290	5290.047022	8.888	5290.046461	8.782	5290.046258	8.744
106	5530	5530.048910	8.844	5530.048432	8.758	5530.048263	8.727
122	5610	5610.049572	8.836	5610.049017	8.737	5610.048786	8.696

4.2 Occupied Bandwidth Measurement (99% power bandwidth)

4.2.1 Limits of Occupied Bandwidth Measurement

Item	Modulation	Limit	Bandwidth System
Occupied bandwidth	DSSS	<20MHz	20MHz system
	OFDM	<20MHz	20MHz system
		<40MHz	40MHz system
		<80MHz	80MHz system

4.2.2 Test Setup



4.2.3 Test Results

802.11a

Chain 0

Channel	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
36	5180	16.70	16.70	16.60
48	5240	16.70	16.70	16.70
52	5260	16.70	16.70	16.70
64	5320	16.60	16.60	16.60
100	5500	16.70	16.60	16.60
120	5600	16.70	16.70	16.80
140	5700	16.70	16.70	16.70

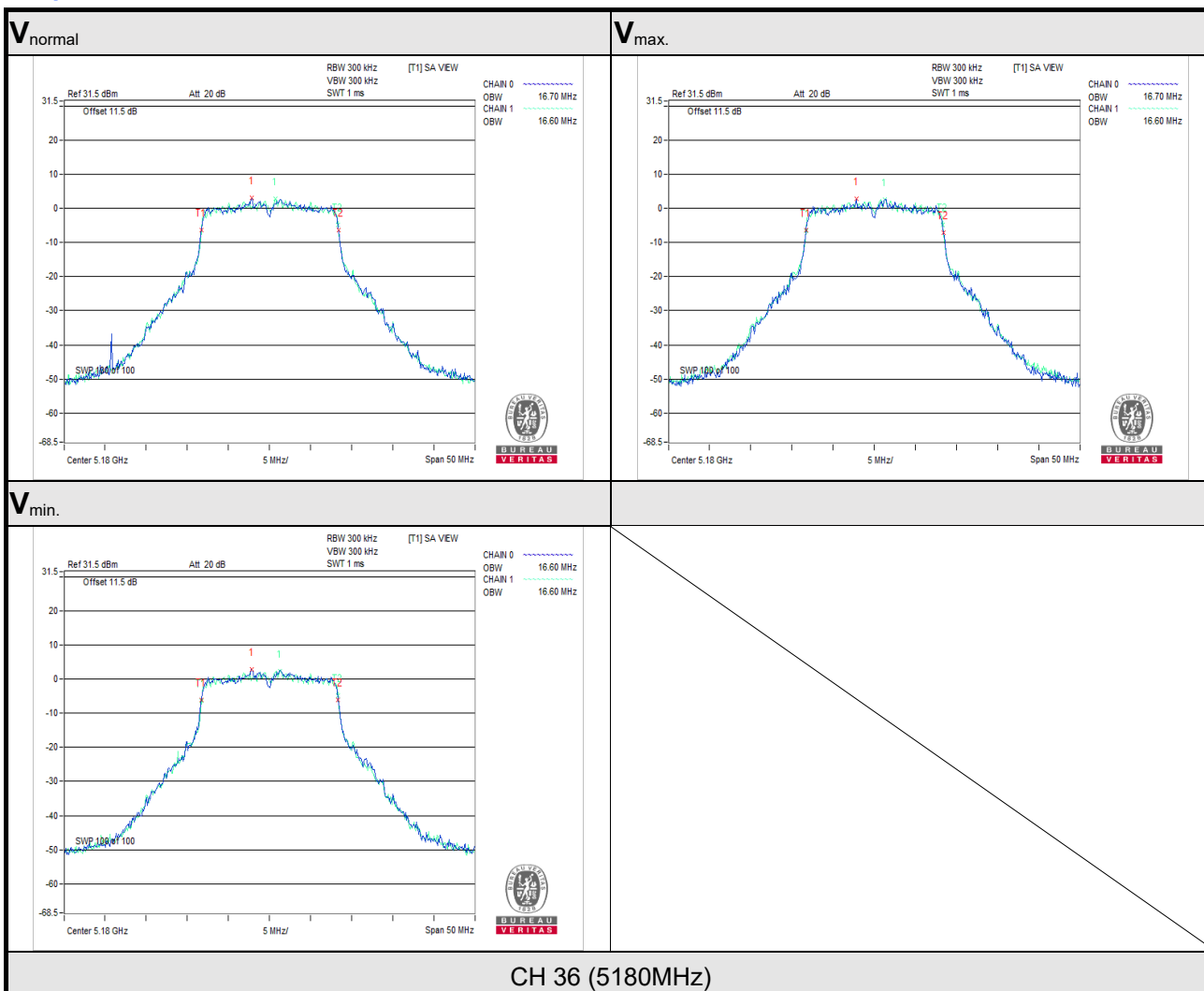
NOTE: For the test plots please refer to the below pages.

Chain 1

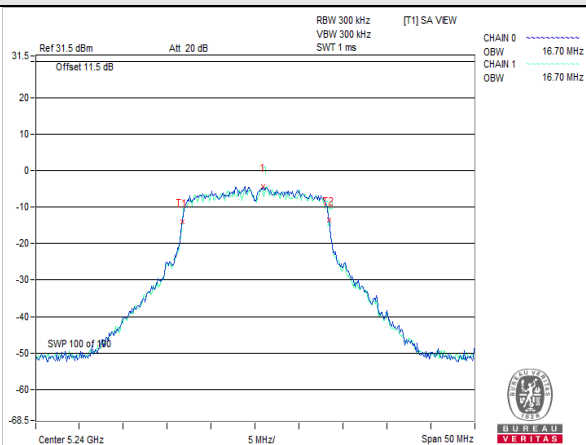
Channel	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
36	5180	16.60	16.60	16.60
48	5240	16.70	16.60	16.60
52	5260	16.70	16.70	16.70
64	5320	16.50	16.60	16.60
100	5500	16.50	16.50	16.59
120	5600	16.60	16.60	16.60
140	5700	16.60	16.60	16.60

NOTE: For the test plots please refer to the below pages.

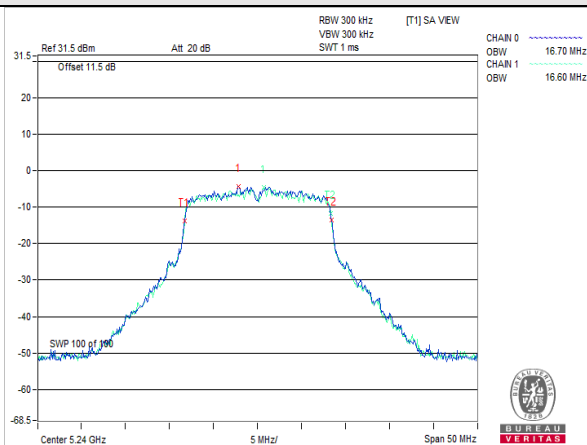
Graph



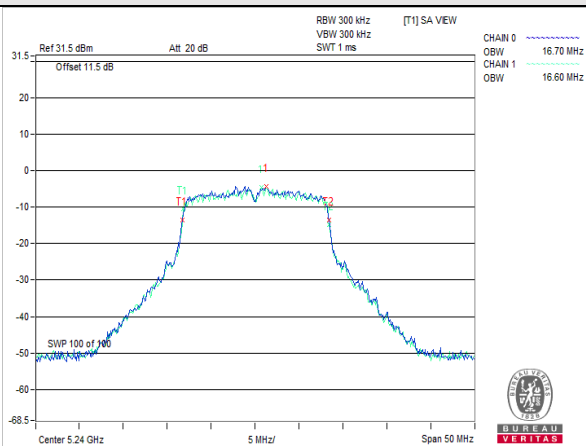
V_{normal}



V_{max.}

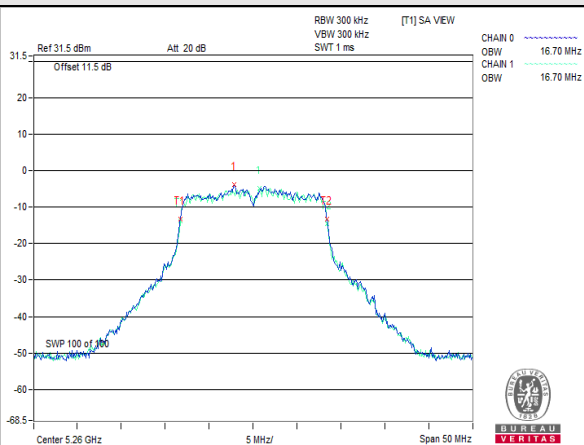


V_{min.}

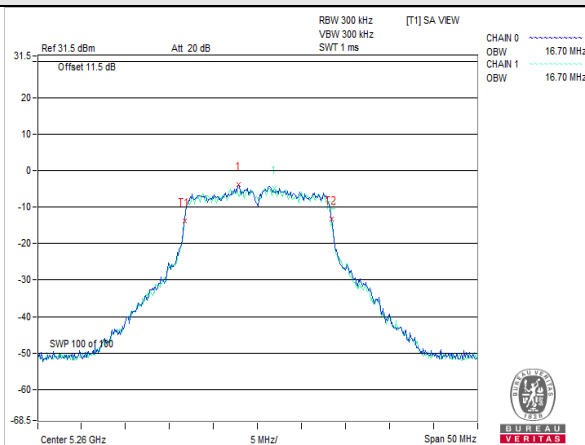


CH 48 (5240MHz)

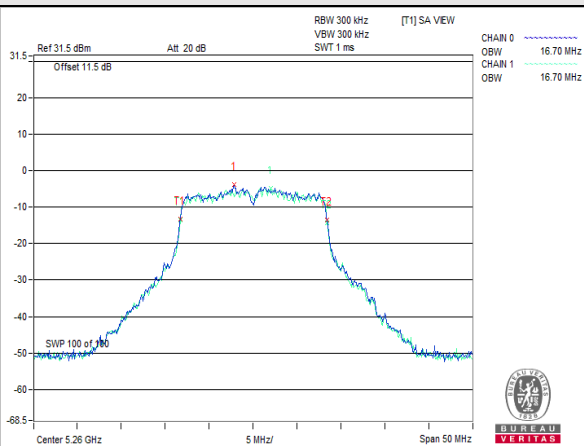
V_{normal}



V_{max}

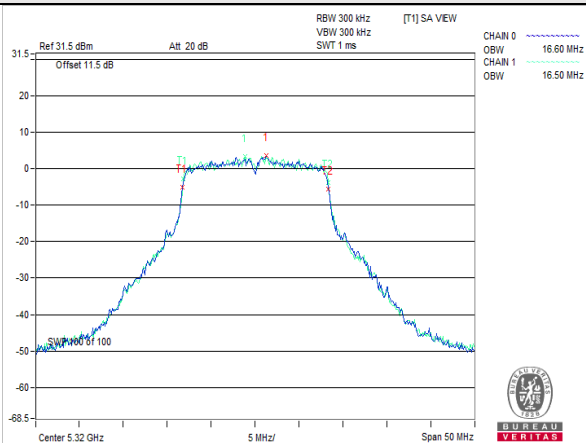


V_{min}

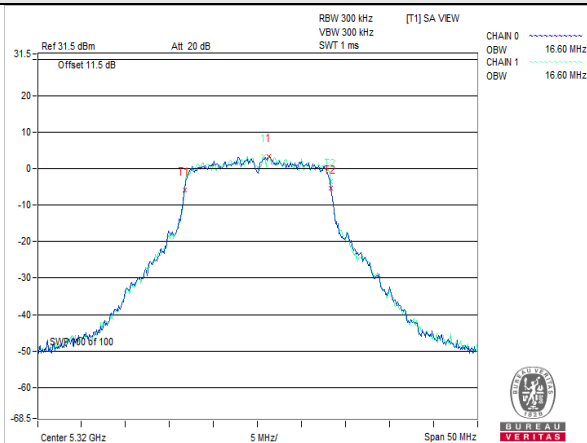


CH 52 (5260MHz)

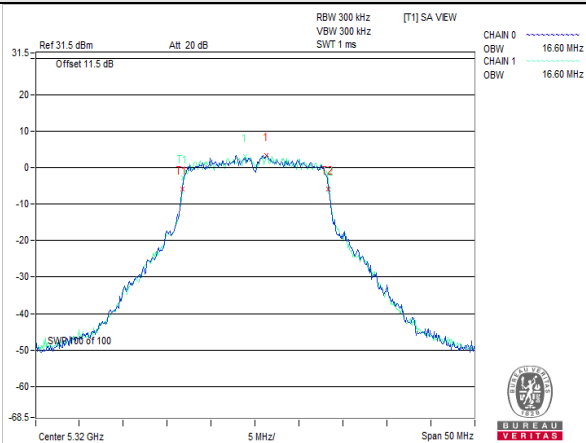
V_{normal}



V_{max}

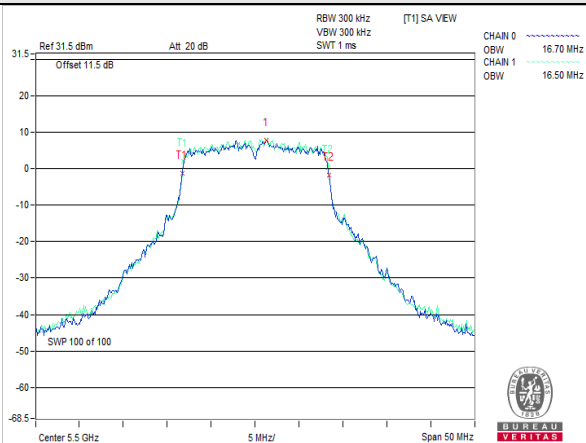


V_{min}

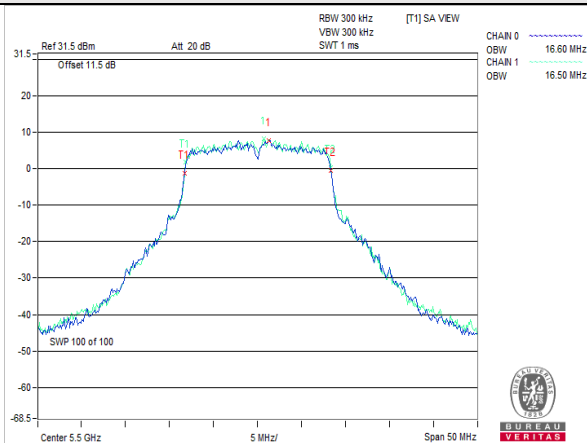


CH 64 (5320MHz)

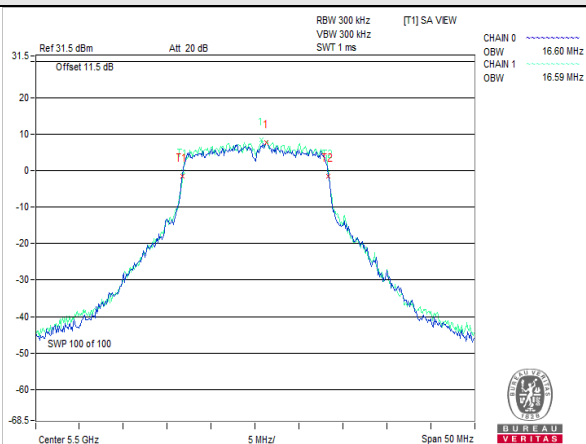
V_{normal}



V_{max.}

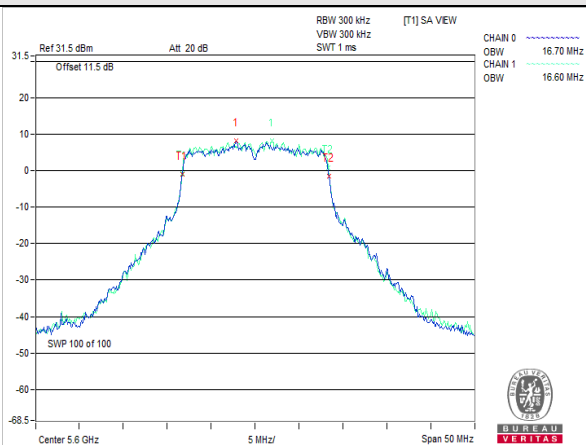


V_{min.}

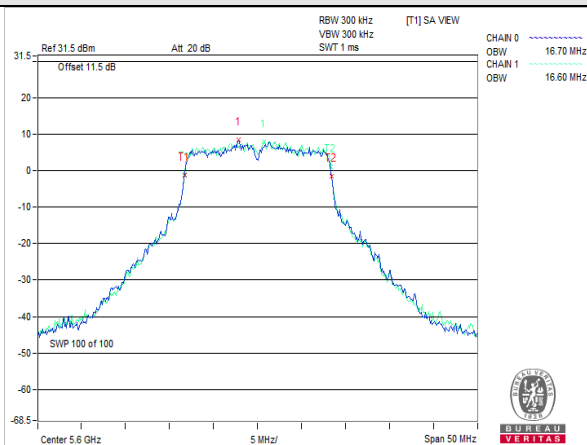


CH 100 (5500MHz)

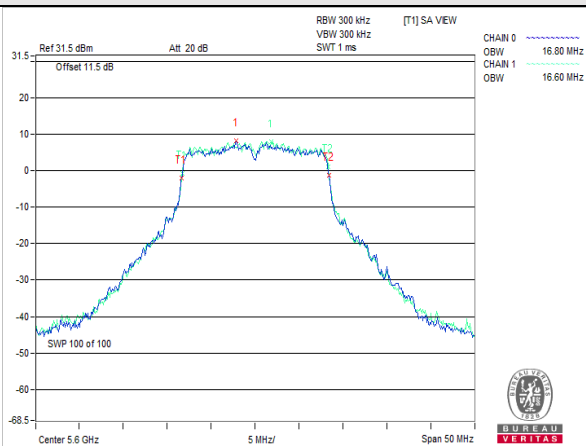
V_{normal}



V_{max.}

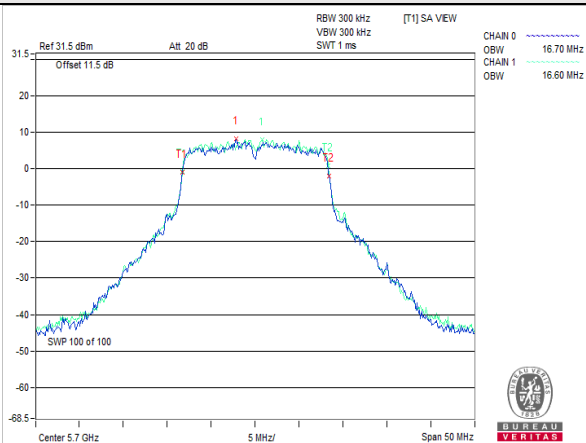


V_{min.}

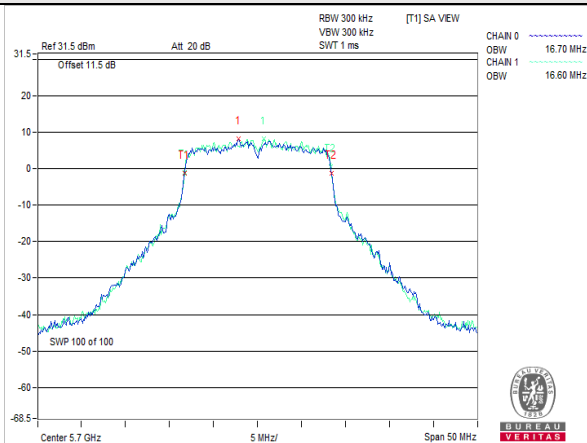


CH 120 (5600MHz)

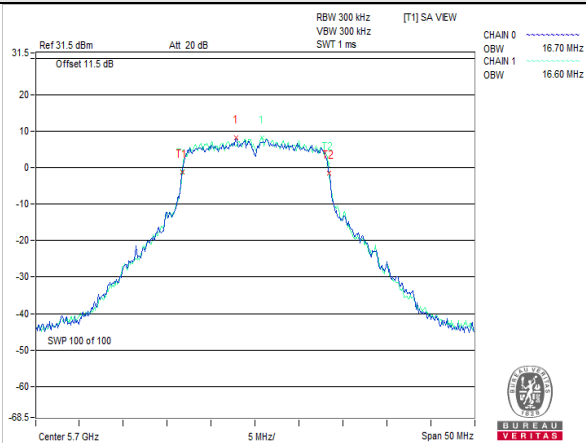
V_{normal}



V_{max.}



V_{min.}



CH 140 (5700MHz)

802.11ac (VHT20)

Chain 0

Channel	Frequency (MHz)	V_{normal}	V_{max.}	V_{min.}
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
36	5180	17.90	17.90	17.90
48	5240	17.90	17.90	17.80
52	5260	17.90	17.90	17.90
64	5320	17.80	17.70	17.80
100	5500	17.90	17.90	17.90
120	5600	17.90	17.90	18.00
140	5700	17.90	17.90	17.90

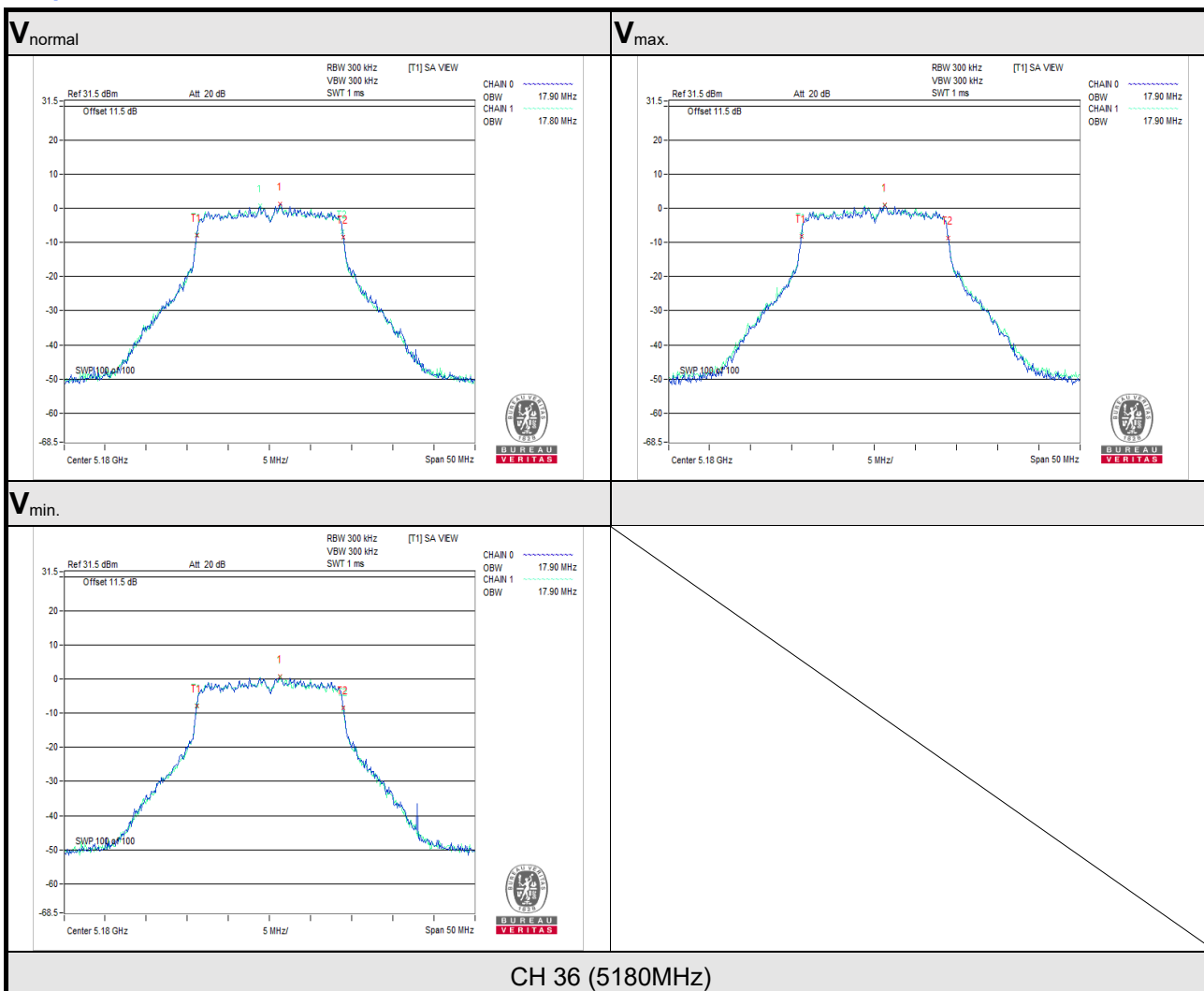
NOTE: For the test plots please refer to the below pages.

Chain 1

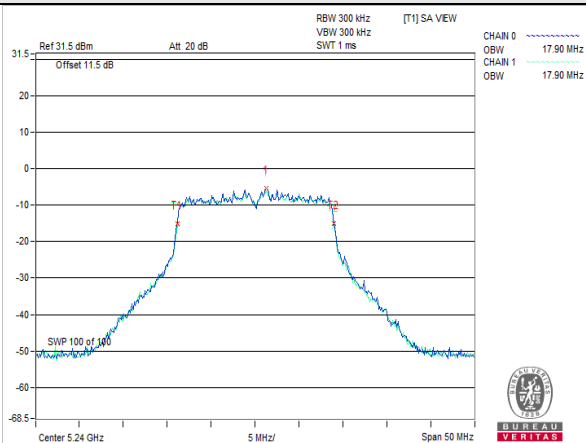
Channel	Frequency (MHz)	V_{normal}	V_{max.}	V_{min.}
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
36	5180	17.80	17.90	17.90
48	5240	17.90	17.90	17.90
52	5260	17.90	17.90	17.90
64	5320	17.70	17.80	17.80
100	5500	17.70	17.70	17.70
120	5600	17.80	17.80	17.80
140	5700	17.80	17.80	17.70

NOTE: For the test plots please refer to the below pages.

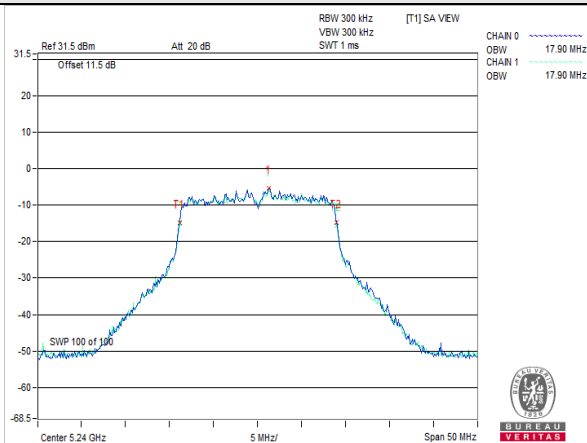
Graph



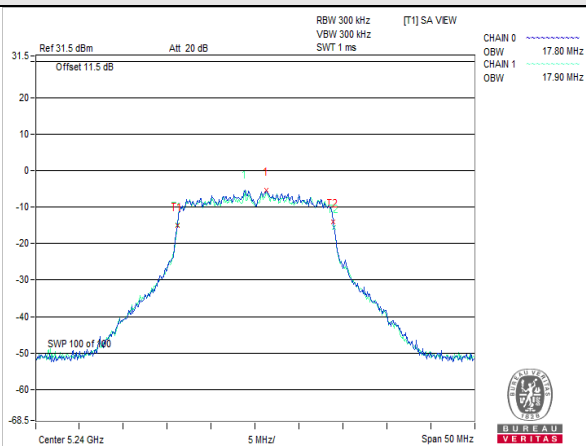
V_{normal}



V_{max.}

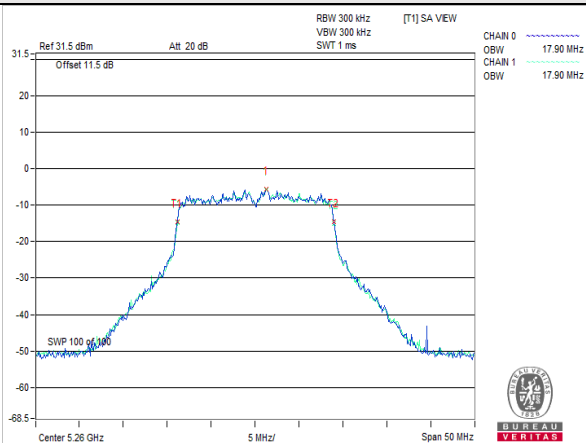


V_{min.}

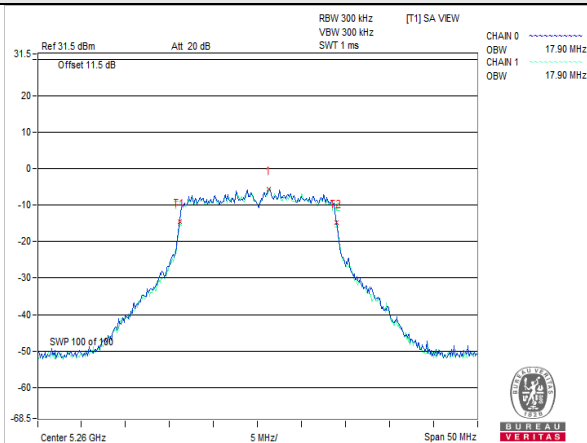


CH 48 (5240MHz)

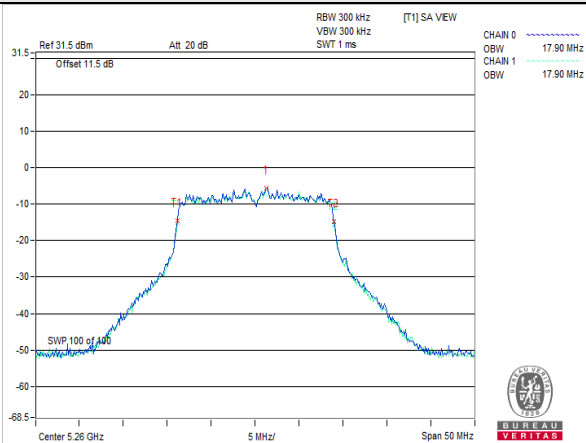
V_{normal}



V_{max.}

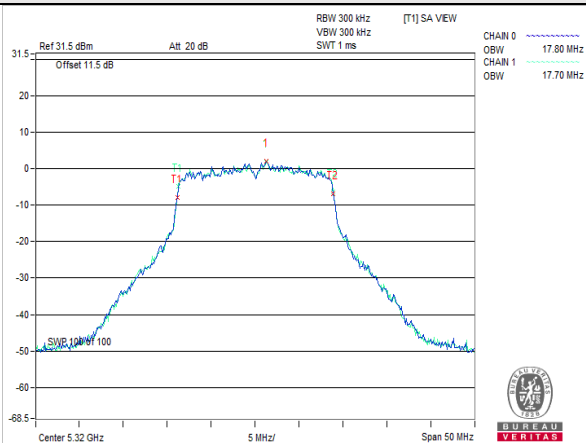


V_{min.}

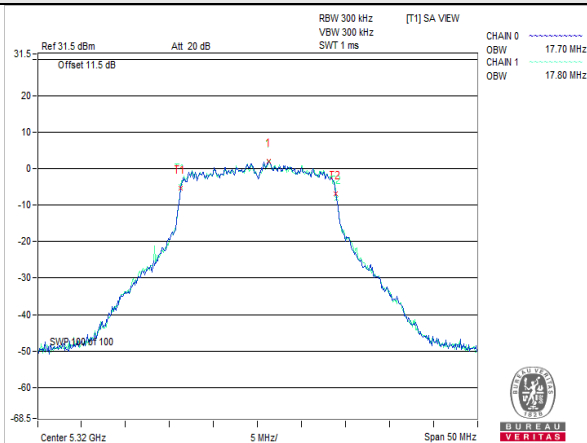


CH 52 (5260MHz)

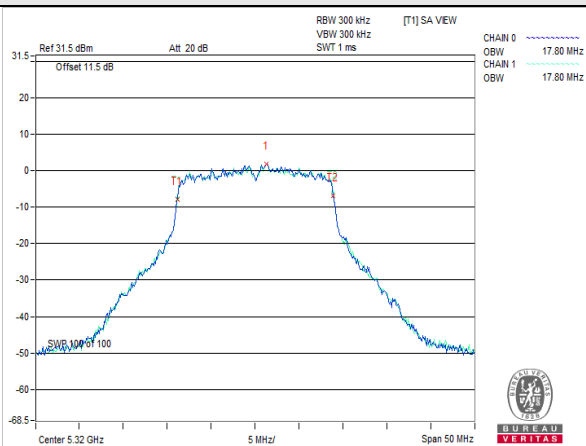
V_{normal}



V_{max}

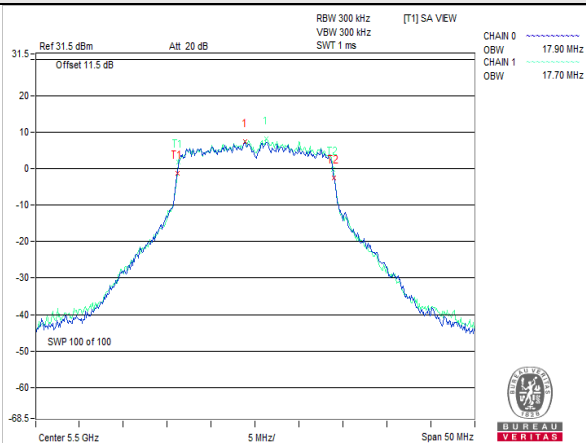


V_{min}

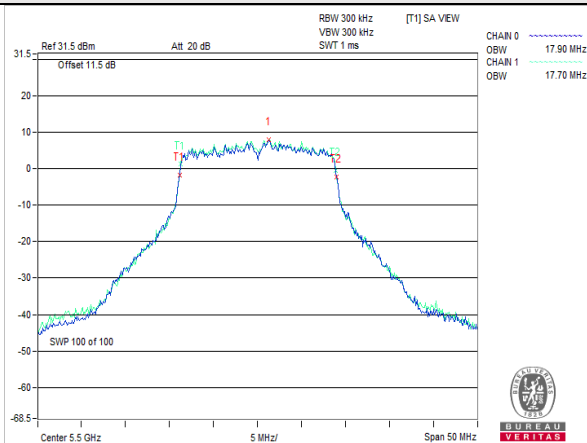


CH 64 (5320MHz)

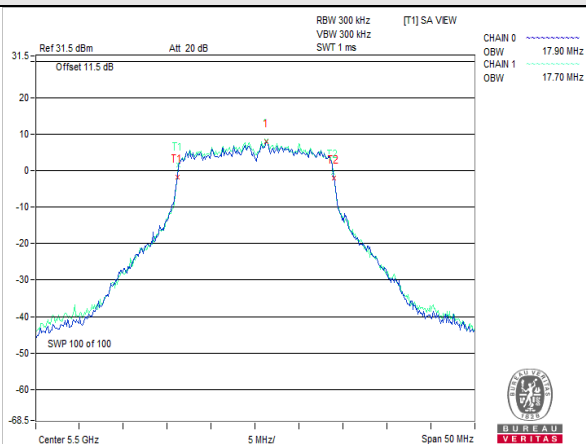
V_{normal}



V_{max.}

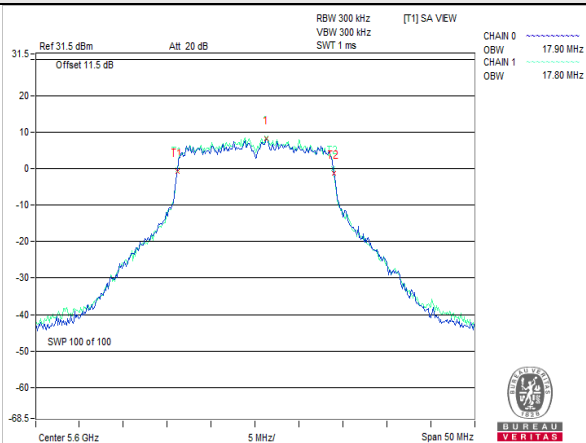


V_{min.}

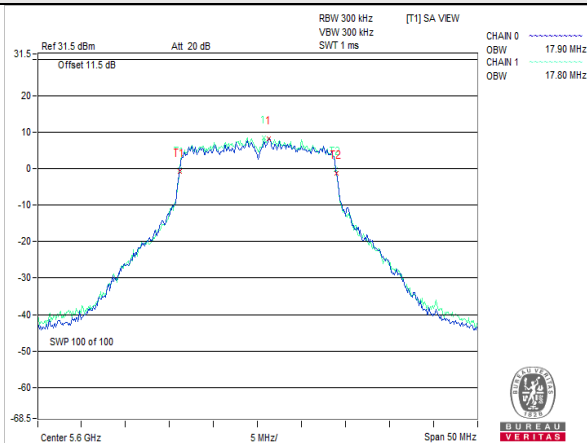


CH 100 (5500MHz)

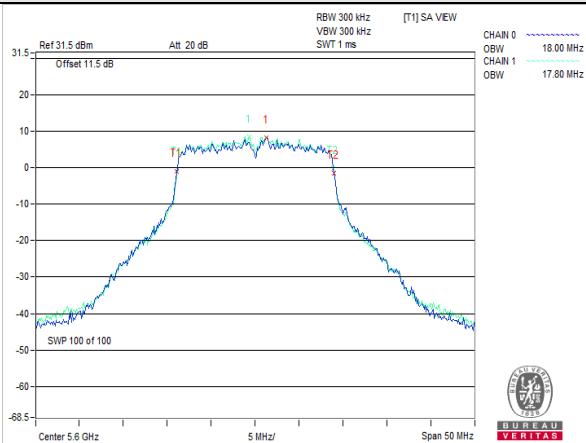
V_{normal}



V_{max.}

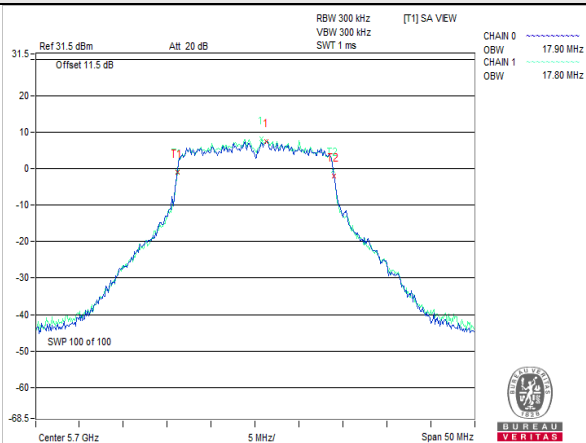


V_{min.}

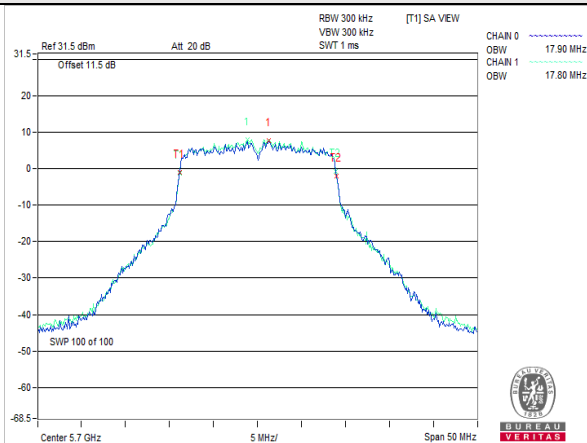


CH 120 (5600MHz)

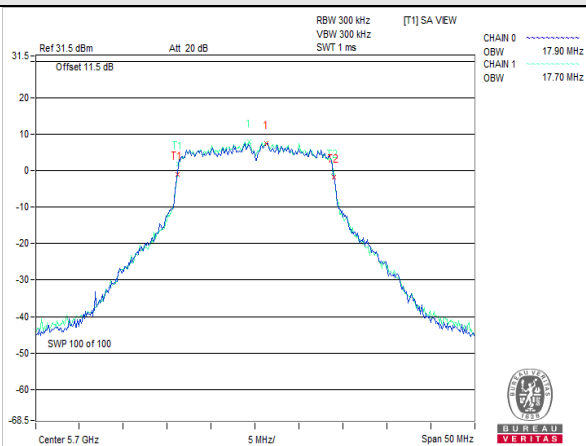
V_{normal}



V_{max.}



V_{min.}



CH 140 (5700MHz)

802.11ac (VHT40)

Chain 0

Channel	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
38	5190	36.60	36.60	36.80
46	5230	36.80	36.60	36.60
54	5270	36.60	36.60	36.60
62	5310	36.80	36.80	36.80
102	5510	36.40	36.80	36.60
118	5590	36.60	36.60	36.60
134	5670	36.60	36.60	36.60

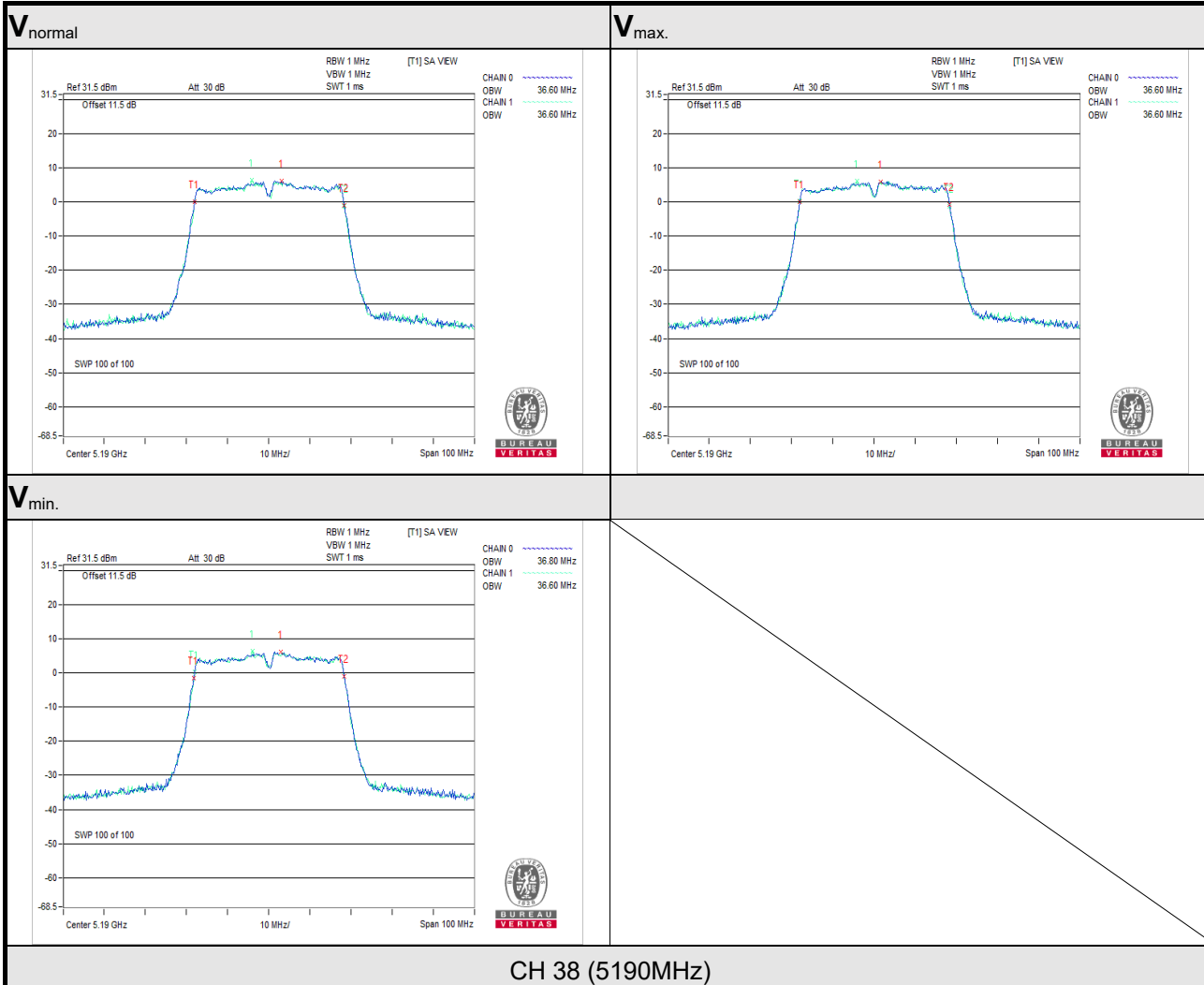
NOTE: For the test plots please refer to the below pages.

Chain 1

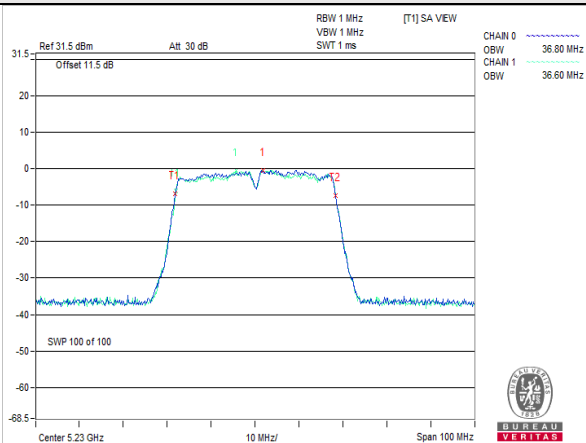
Channel	Frequency (MHz)	V_{normal}	$V_{max.}$	$V_{min.}$
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
38	5190	36.60	36.60	36.60
46	5230	36.60	36.60	36.60
54	5270	36.60	36.60	36.60
62	5310	36.60	36.60	36.60
102	5510	36.60	36.60	36.40
118	5590	36.40	36.60	36.40
134	5670	36.60	36.60	36.60

NOTE: For the test plots please refer to the below pages.

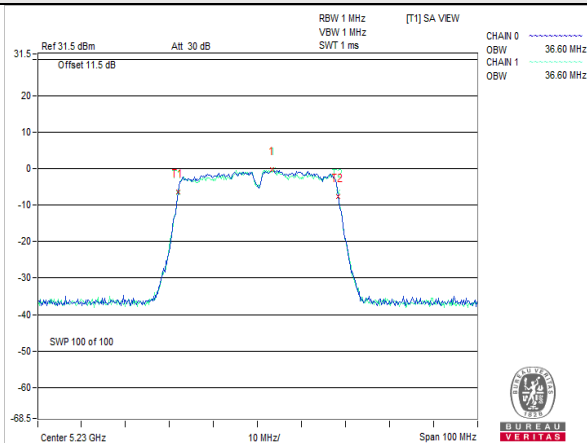
Graph



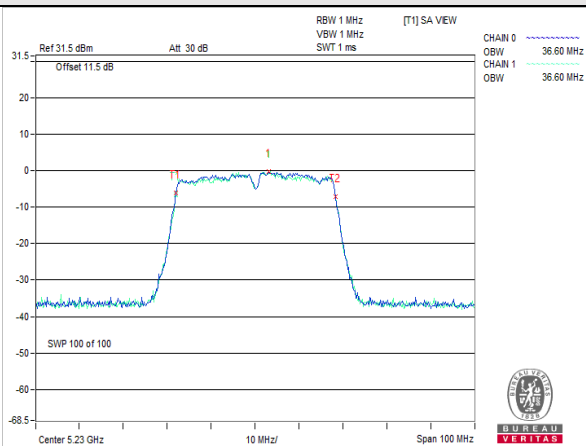
V_{normal}



V_{max.}

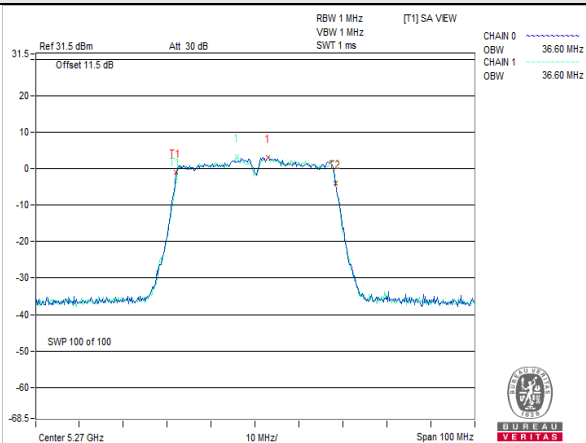


V_{min.}

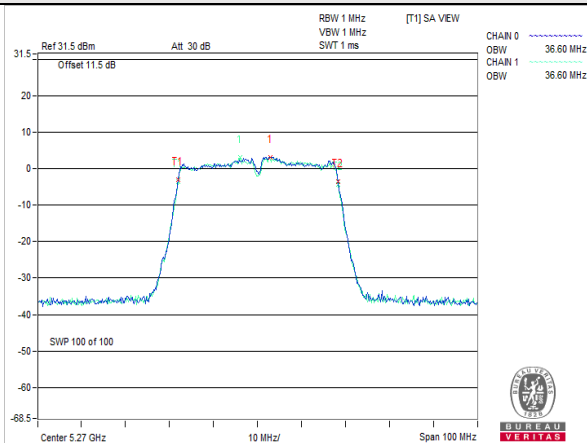


CH 46 (5230MHz)

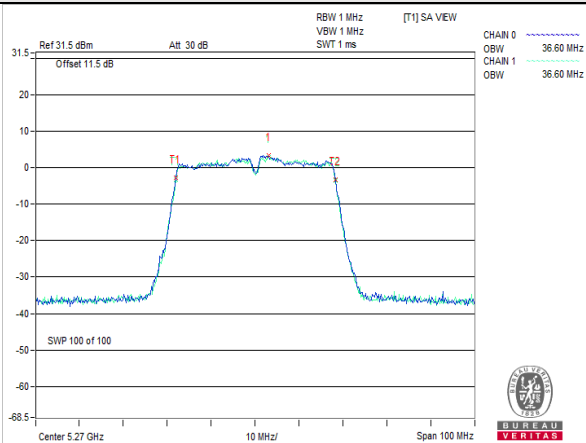
V_{normal}



V_{max.}

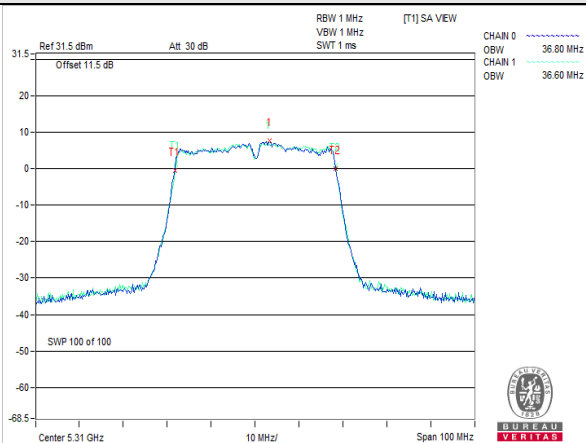


V_{min.}

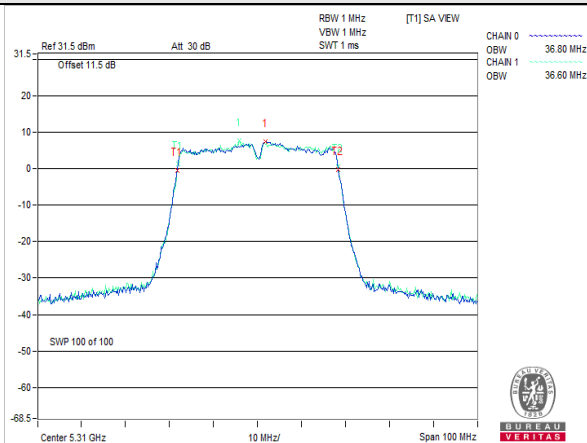


CH 54 (5270MHz)

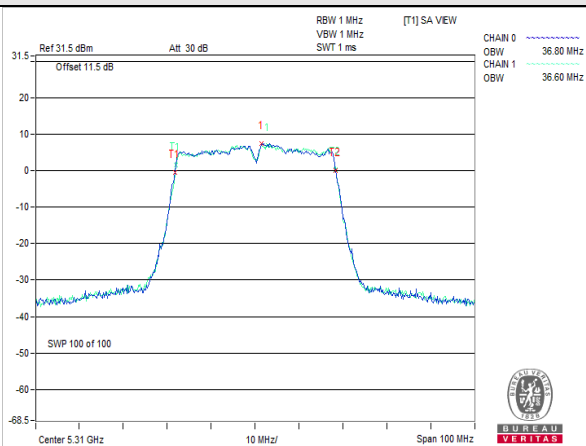
V_{normal}



V_{max.}

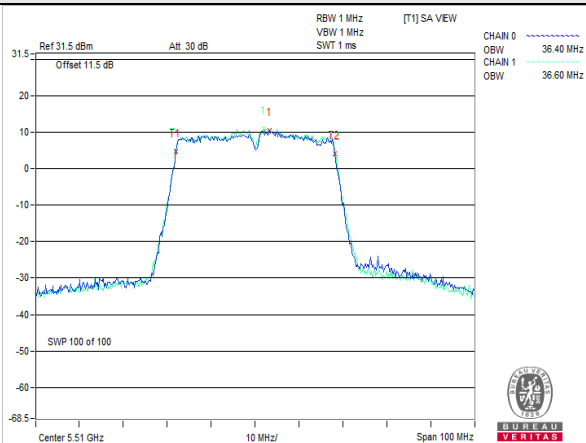


V_{min.}

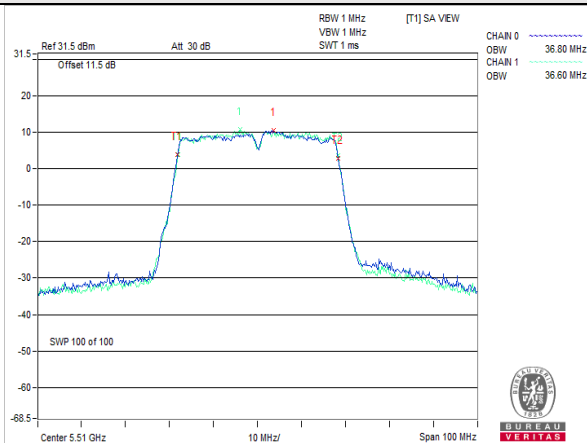


CH 62 (5310MHz)

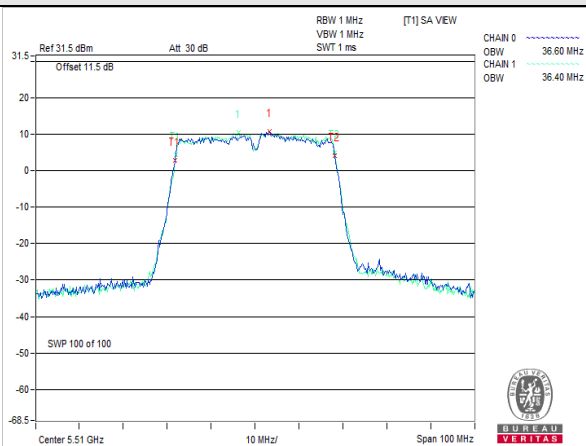
V_{normal}



V_{max.}

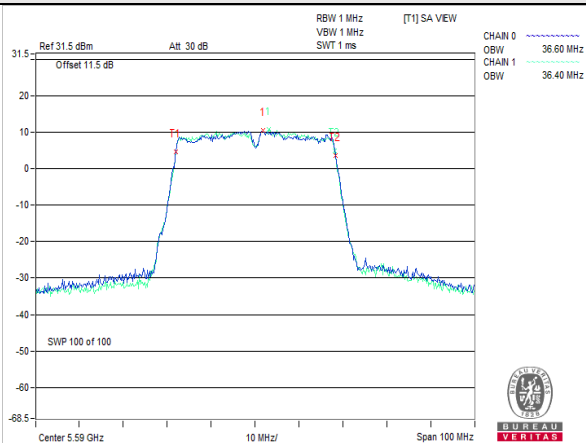


V_{min.}

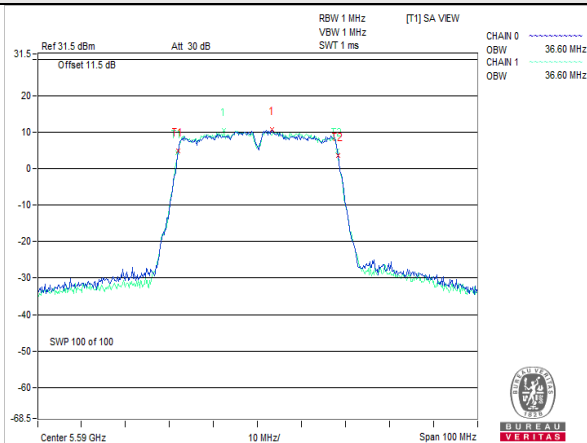


CH 102 (5510MHz)

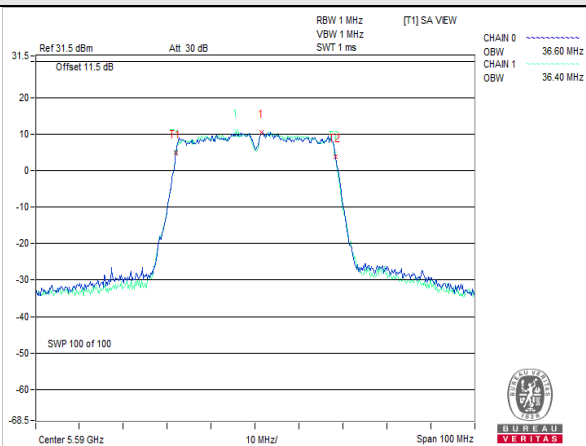
V_{normal}



V_{max.}

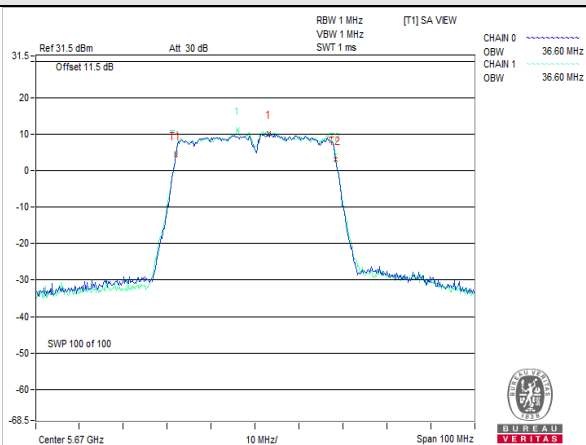


V_{min.}

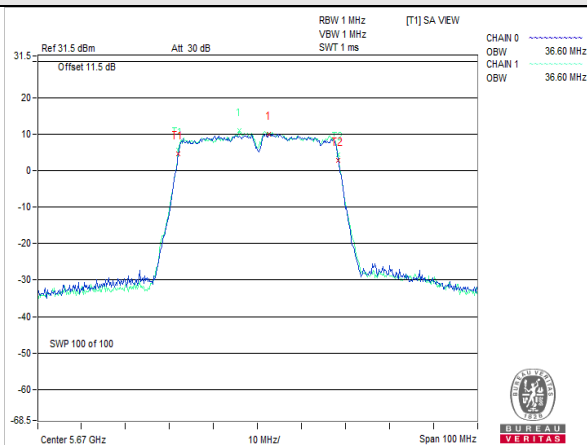


CH 118 (5590MHz)

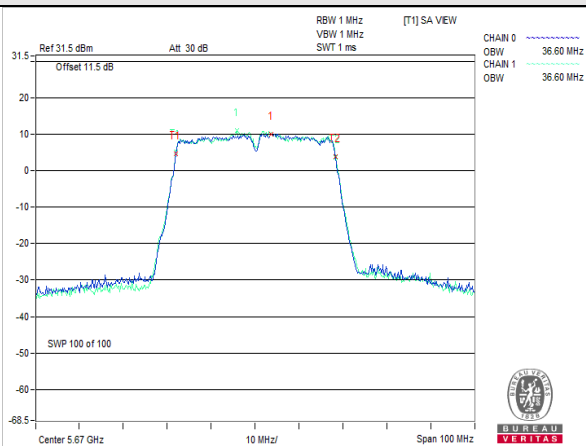
V_{normal}



V_{max.}



V_{min.}



CH 134 (5670MHz)

802.11ac (VHT80)

Chain 0

Channel	Frequency (MHz)	V_{normal}	$V_{\text{max.}}$	$V_{\text{min.}}$
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
42	5210	76.00	76.40	76.40
58	5290	76.00	76.00	76.00
106	5530	76.00	76.00	76.00
122	5610	76.00	76.00	75.60

NOTE: For the test plots please refer to the below pages.

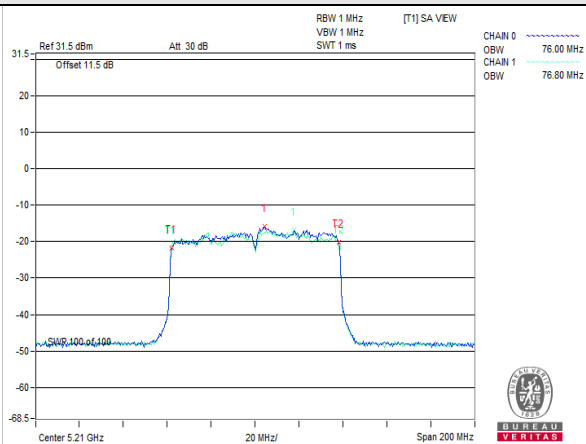
Chain 1

Channel	Frequency (MHz)	V_{normal}	$V_{\text{max.}}$	$V_{\text{min.}}$
		Occupied bandwidth (MHz)	Occupied bandwidth (MHz)	Occupied bandwidth (MHz)
42	5210	76.80	76.00	76.00
58	5290	76.00	76.00	76.00
106	5530	76.00	76.00	76.00
122	5610	76.00	76.00	75.60

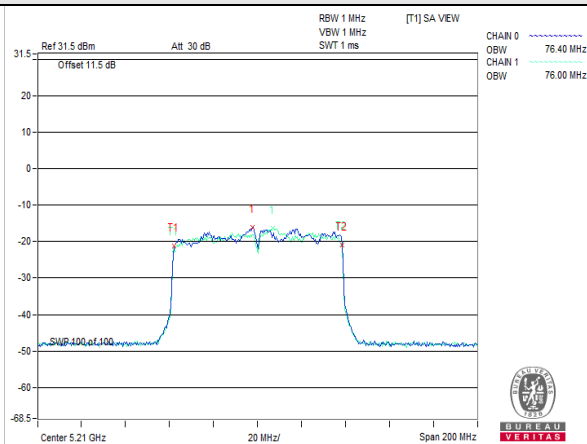
NOTE: For the test plots please refer to the below pages.

Graph

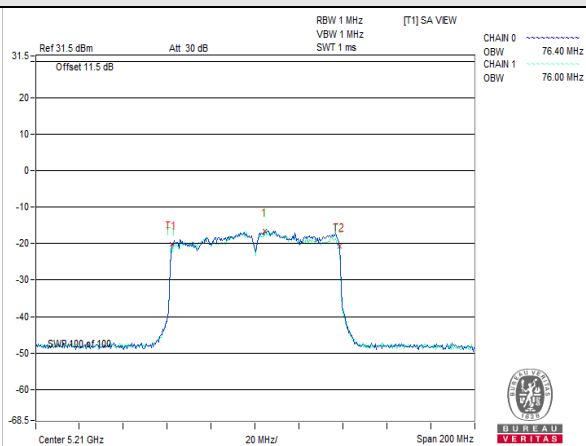
V_{normal}



V_{max}

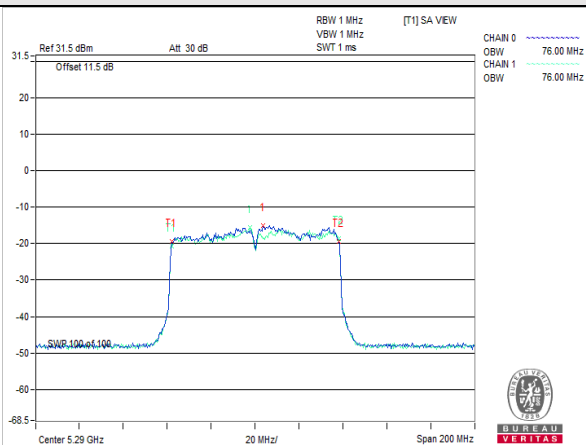


V_{min}

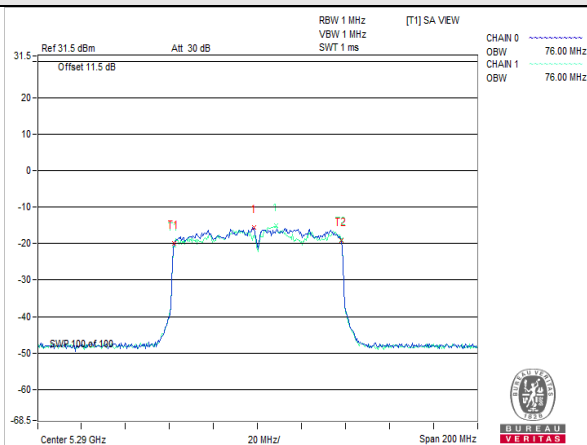


CH 42 (5210MHz)

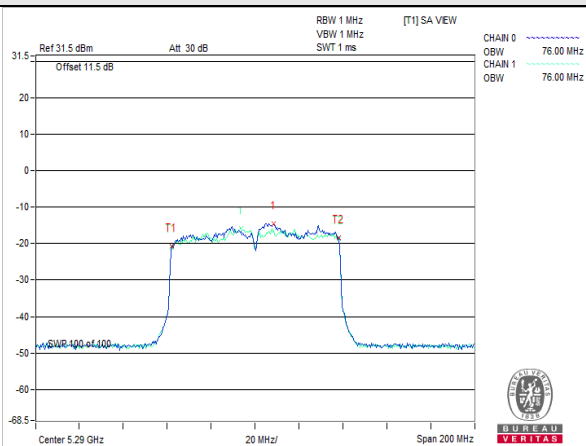
V_{normal}



V_{max}

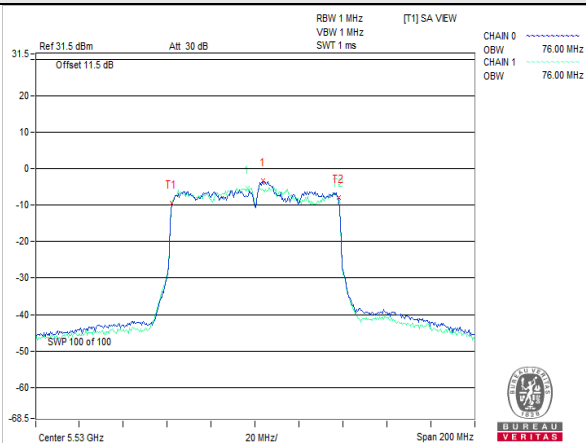


V_{min}

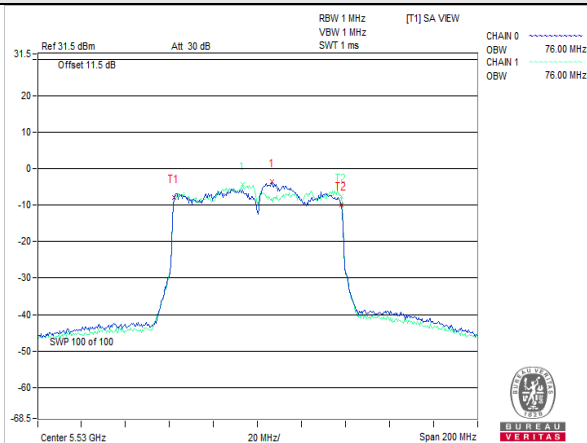


CH 58 (5290MHz)

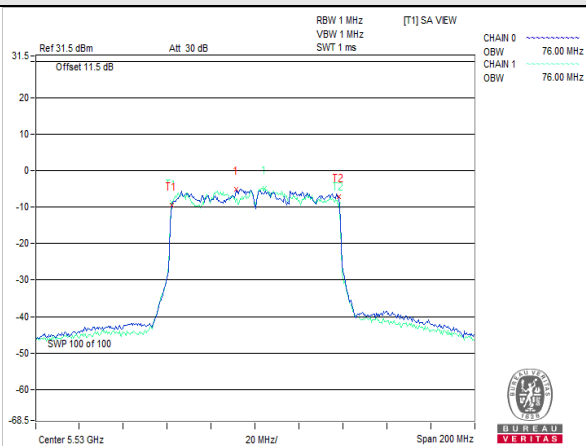
V_{normal}



V_{max.}

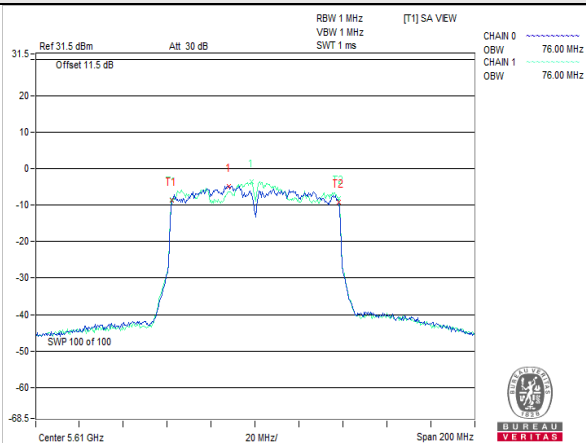


V_{min.}

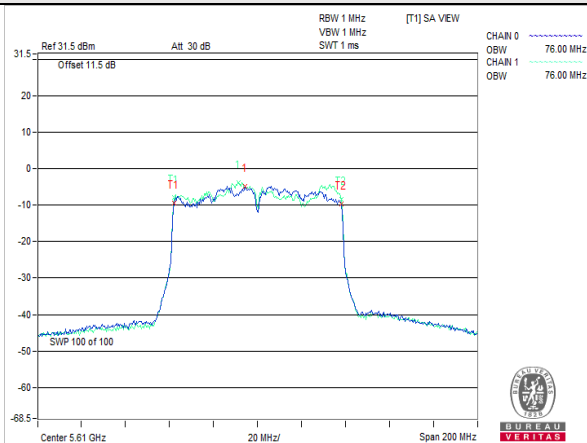


CH 106 (5530MHz)

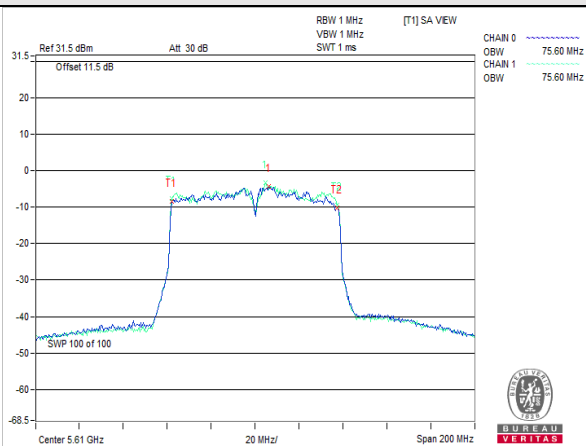
V_{normal}



V_{max}



V_{min}



CH 122 (5610MHz)

4.3 Spurious Emissions for Transmitter and Out-Band Leakage Power Measurement

4.3.1 Limits of Spurious Emissions and Out-Band Leakage Power

W52 bands: 20MHz system

Frequencies (MHz)	Limit
OBW $\leq$ 18MHz	
30.0 MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0 MHz to 5140.0MHz	$\leq 2.5 \text{ uW/MHz}$
$5140.0 \leq f_o \leq 5142.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5142.0 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{1-(f-9)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5260.0\text{MHz}$	$\leq 10.0^{-1-(8/90)(f-11)} \text{ mW/MHz}$
$5260.0 \leq f_o < 5266.7\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
$5266.7 \leq f_o \leq 5360.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
5360.0MHz to 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$
18MHz < OBW < 20MHz	
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz to 5135.0MHz	$\leq 2.5 \text{ uW/MHz}$
$5135.0 \leq f_o \leq 5142.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5142.0 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5250.2\text{MHz}$	$10.0^{1-(8/3)(f-9.75)} \text{ mW/MHz}$
$5250.2 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{1-(f-9)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5260.0\text{MHz}$	$\leq 10.0^{-1-(8/90)(f-11)} \text{ mW/MHz}$
$5260.0 \leq f_o < 5266.7\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
$5266.7 \leq f_o \leq 5365.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
5365.0MHz to 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W52 bands: 40MHz system

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5100.0MHz	$\leq 2.5 \text{ uW/MHz}$
$5100.0 \leq f_o \leq 5141.6\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5141.6 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251\text{MHz}$	$\leq 10.0^{-(f-20)+\log(1/2)} \text{ mW/MHz}$
$5251 \leq f_o < 5270.0\text{MHz}$	$\leq 10.0^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW/MHz}$
$5270.0 \leq f_o < 5278.4\text{MHz}$	$\leq 10.0^{-(3/50)(f-40)-1.8+\log(1/2)} \text{ mW/MHz}$
$5278.4 \leq f_o \leq 5400.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
5400.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W52 bands: 80MHz system

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5020.0MHz	$\leq 2.5 \text{ uW/MHz}$
$5020.0 \leq f_o \leq 5123.2\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5123.2 < f_o \leq 5150.0\text{MHz}$	$\leq 15.0 \text{ uW/MHz}$
$5250.0 \leq f_o < 5251.0\text{MHz}$	$\leq 10.0^{-(f-40)+\log(1/4)} \text{ mW/MHz}$
$5251.0 \leq f_o < 5290.0\text{MHz}$	$\leq 10.0^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW/MHz}$
$5290.0 \leq f_o < 5296.7\text{MHz}$	$\leq 10.0^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW/MHz}$
$5296.7 \leq f_o \leq 5480.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
5480.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W53 bands: 20MHz system

Frequencies (MHz)	Limit
OBW $\leq 18\text{MHz}$	
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz to 5140.0MHz	$\leq 2.5 \text{ uW/MHz}$
$5140.0 \leq f_o \leq 5233.3\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5233.3 < f_o \leq 5240.0\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
$5240.0 < f_o \leq 5249.0\text{MHz}$	$\leq 10.0^{-1-(8/90)(f-11)} \text{ mW/MHz}$
$5249.0 < f_o \leq 5250.0\text{MHz}$	$\leq 10.0^{1-(f-9)} \text{ mW/MHz}$
$5350.0 \leq f_o \leq 5360.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
5360.0MHz to 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$
18MHz < OBW < 20MHz	
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz to 5135.0MHz	$\leq 2.5 \text{ uW/MHz}$
$5135.0 \leq f_o \leq 5233.3\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
$5233.3 < f_o \leq 5240.0\text{MHz}$	$\leq 10.0^{-1.8-(6/50)(f-20)} \text{ mW/MHz}$
$5240.0 < f_o \leq 5249.0\text{MHz}$	$\leq 10.0^{-1-(8/90)(f-11)} \text{ mW/MHz}$
$5249.0 < f_o \leq 5249.8\text{MHz}$	$\leq 10.0^{1-(f-9)} \text{ mW/MHz}$
$5249.8 < f_o \leq 5250.0\text{MHz}$	$\leq 10.0^{1-(8/3)(f-9.75)} \text{ mW/MHz}$
$5350.0 \leq f_o \leq 5365.0\text{MHz}$	$\leq 2.5 \text{ uW/MHz}$
5365.0MHz to 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W53 bands: 40MHz system

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5100.0MHz	$\leq 2.5 \text{ uW/MHz}$
5100.0 < fo $\leq$ 5221.6MHz	$\leq 2.5 \text{ uW/MHz}$
5221.6 < fo $\leq$ 5230.0MHz	$\leq 10.0^{-(3/50)(f-40)-1.8+\log(1/2)} \text{ mW/MHz}$
5230.0 < fo $\leq$ 5249.0MHz	$\leq 10.0^{-(8/190)(f-21)-1+\log(1/2)} \text{ mW/MHz}$
5249.0 < fo $\leq$ 5250.0MHz	$\leq 10.0^{-(f-20)+\log(1/2)} \text{ mW/MHz}$
5350.0 $\leq$ fo < 5358.4MHz	$\leq 15 \text{ uW/MHz}$
5358.4 $\leq$ fo $\leq$ 5400.0MHz	$\leq 2.5 \text{ uW/MHz}$
5400.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W53 bands: 80MHz system

Frequencies (MHz)	Limit
30.0MHz ~ 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5020.0MHz	$\leq 2.5 \text{ uW/MHz}$
5020.0 $\leq$ fo $\leq$ 5203.3MHz	$\leq 2.5 \text{ uW/MHz}$
5203.3 < fo $\leq$ 5210.0MHz	$\leq 10.0^{-(3/100)(f-80)-1.8+\log(1/4)} \text{ mW/MHz}$
5210.0 < fo $\leq$ 5249.0MHz	$\leq 10.0^{-(8/390)(f-41)-1+\log(1/4)} \text{ mW/MHz}$
5249.0 < fo $\leq$ 5250.0MHz	$\leq 10.0^{-(f-40)+\log(1/4)} \text{ mW/MHz}$
5350.0 $\leq$ fo < 5376.8MHz	$\leq 15 \text{ uW/MHz}$
5376.8 $\leq$ fo $\leq$ 5480.0MHz	$\leq 2.5 \text{ uW/MHz}$
5480.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W56 band: 20MHz system

Frequencies (MHz)	Limit
OFDM	
30.0MHz to 1000.0MHz	$\leq 0.25 \text{ uW/100kHz}$
1000.0MHz ~ 5455.0MHz	$\leq 2.5 \text{ uW/MHz}$
5455 $\leq$ fo $\leq$ 5460MHz	$\leq 2.5 \text{ uW/MHz}$
5460 < fo $\leq$ 5470MHz	$\leq 12.5 \text{ uW/MHz}$
5745 $\leq$ fo < 5765MHz	$\leq 12.5 \text{ uW/MHz}$
5765 $\leq$ fo $\leq$ 5770MHz	$\leq 2.5 \text{ uW/MHz}$
5770.0MHz ~ 26000.0MHz	$\leq 2.5 \text{ uW/MHz}$

W56 band: 40MHz system

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq 1.25 \text{ uW}/100\text{kHz}$
1000.0MHz ~ 5420.0MHz	$\leq 12.5 \text{ uW}/\text{MHz}$
$5420 \leq f_o \leq 5460\text{MHz}$	$\leq 12.5 \text{ }\mu\text{W}/\text{MHz}$
$5460 < f_o \leq 5470\text{MHz}$	$\leq 50 \text{ }\mu\text{W}/\text{MHz}$
$5770 \leq f_o \leq 5800\text{MHz}$	$\leq 12.5 \text{ }\mu\text{W}/\text{MHz}$
5800.0MHz ~ 26000.0MHz	$\leq 12.5 \text{ uW}/\text{MHz}$

W56 band: 80MHz system

Frequencies (MHz)	Limit
30.0MHz to 1000.0MHz	$\leq 1.25 \text{ uW}/100\text{kHz}$
1000.0MHz ~ 5340.0MHz	$\leq 12.5 \text{ uW}/\text{MHz}$
$5340.0 \leq f_o \leq 5460.0\text{MHz}$	$\leq 12.5 \text{ }\mu\text{W}/\text{MHz}$
$5460.0 < f_o \leq 5469.5\text{MHz}$	$\leq 50 \text{ }\mu\text{W}/\text{MHz}$
$5469.5 < f_o \leq 5470.0\text{MHz}$	$\leq 51.2 \text{ }\mu\text{W}/\text{MHz}$
$5770.0 \leq f_o \leq 5800\text{MHz}$	$\leq 12.5 \text{ }\mu\text{W}/\text{MHz}$
5800.0MHz ~ 26000.0MHz	$\leq 12.5 \text{ uW}/\text{MHz}$

4.3.2 Test Setup



4.3.3 Test Results

W52 Band:

802.11a

Chain 0

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	972.112	0.000470	0.125	PASS
	1000.0 to 5140.0	5139.482	0.023496	1.25	PASS
	5140.0 to 5142.0	5141.705	0.108143	1.25	PASS
	5142.0 to 5150.0	5149.542	0.124738	7.5	PASS
	5250.0 to 5251.0	5250.357	0.110917	219.770808	PASS
	5251.0 to 5260.0	5252.612	0.120504	35.948528	PASS
	5260.0 to 5266.7	5266.665	0.097949	1.262118	PASS
	5266.7 to 5360.0	5351.585	0.113240	1.25	PASS
	5360.0 to 26000.0	15803.840	0.021528	1.25	PASS
V_{max.}	30.0 to 1000.0	770.595	0.000565	0.125	PASS
	1000.0 to 5140.0	5135.342	0.031769	1.25	PASS
	5140.0 to 5142.0	5141.952	0.107895	1.25	PASS
	5142.0 to 5150.0	5143.382	0.139959	7.5	PASS
	5250.0 to 5251.0	5250.605	0.095719	124.156655	PASS
	5251.0 to 5260.0	5256.655	0.110662	15.7146	PASS
	5260.0 to 5266.7	5265.977	0.100462	1.52567	PASS
	5266.7 to 5360.0	5296.475	0.106170	1.25	PASS
	5360.0 to 26000.0	17893.640	0.022803	1.25	PASS
V_{min.}	30.0 to 1000.0	992.482	0.000565	0.125	PASS
	1000.0 to 5140.0	5137.412	0.031842	1.25	PASS
	5140.0 to 5142.0	5141.925	0.127350	1.25	PASS
	5142.0 to 5150.0	5149.185	0.184502	7.5	PASS
	5250.0 to 5251.0	5250.220	0.093541	301.279793	PASS
	5251.0 to 5260.0	5254.950	0.114025	22.277112	PASS
	5260.0 to 5266.7	5260.092	0.108893	7.726035	PASS
	5266.7 to 5360.0	5337.752	0.111944	1.25	PASS
	5360.0 to 26000.0	15803.840	0.025293	1.25	PASS

TEST CHANNEL		CH 48 (5240MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	771.807	0.000488	0.125	PASS
	1000.0 to 5140.0	5095.495	0.009376	1.25	PASS
	5140.0 to 5142.0	5141.237	0.076736	1.25	PASS
	5142.0 to 5150.0	5146.765	0.091411	7.5	PASS
	5250.0 to 5251.0	5250.082	37.325016	413.971082	PASS
	5251.0 to 5260.0	5251.512	15.135612	45.025536	PASS
	5260.0 to 5266.7	5262.457	0.237684	4.0257	PASS
	5266.7 to 5360.0	5358.845	0.136458	1.25	PASS
	5360.0 to 26000.0	16157.300	0.022029	1.25	PASS
V_{max.}	30.0 to 1000.0	997.575	0.000569	0.125	PASS
	1000.0 to 5140.0	5103.775	0.010568	1.25	PASS
	5140.0 to 5142.0	5141.045	0.091411	1.25	PASS
	5142.0 to 5150.0	5149.322	0.083946	7.5	PASS
	5250.0 to 5251.0	5250.165	41.686938	341.955824	PASS
	5251.0 to 5260.0	5251.000	13.583134	50	PASS
	5260.0 to 5266.7	5261.605	0.172584	5.091371	PASS
	5266.7 to 5360.0	5271.532	0.150661	1.25	PASS
	5360.0 to 26000.0	15819.320	0.023550	1.25	PASS
V_{min.}	30.0 to 1000.0	977.083	0.000508	0.125	PASS
	1000.0 to 5140.0	5126.545	0.010280	1.25	PASS
	5140.0 to 5142.0	5141.237	0.092257	1.25	PASS
	5142.0 to 5150.0	5147.782	0.094189	7.5	PASS
	5250.0 to 5251.0	5250.000	34.673685	500.000001	PASS
	5251.0 to 5260.0	5251.677	16.180800	43.530357	PASS
	5260.0 to 5266.7	5261.687	0.205116	4.977583	PASS
	5266.7 to 5360.0	5269.305	0.129420	1.25	PASS
	5360.0 to 26000.0	15809.000	0.030690	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

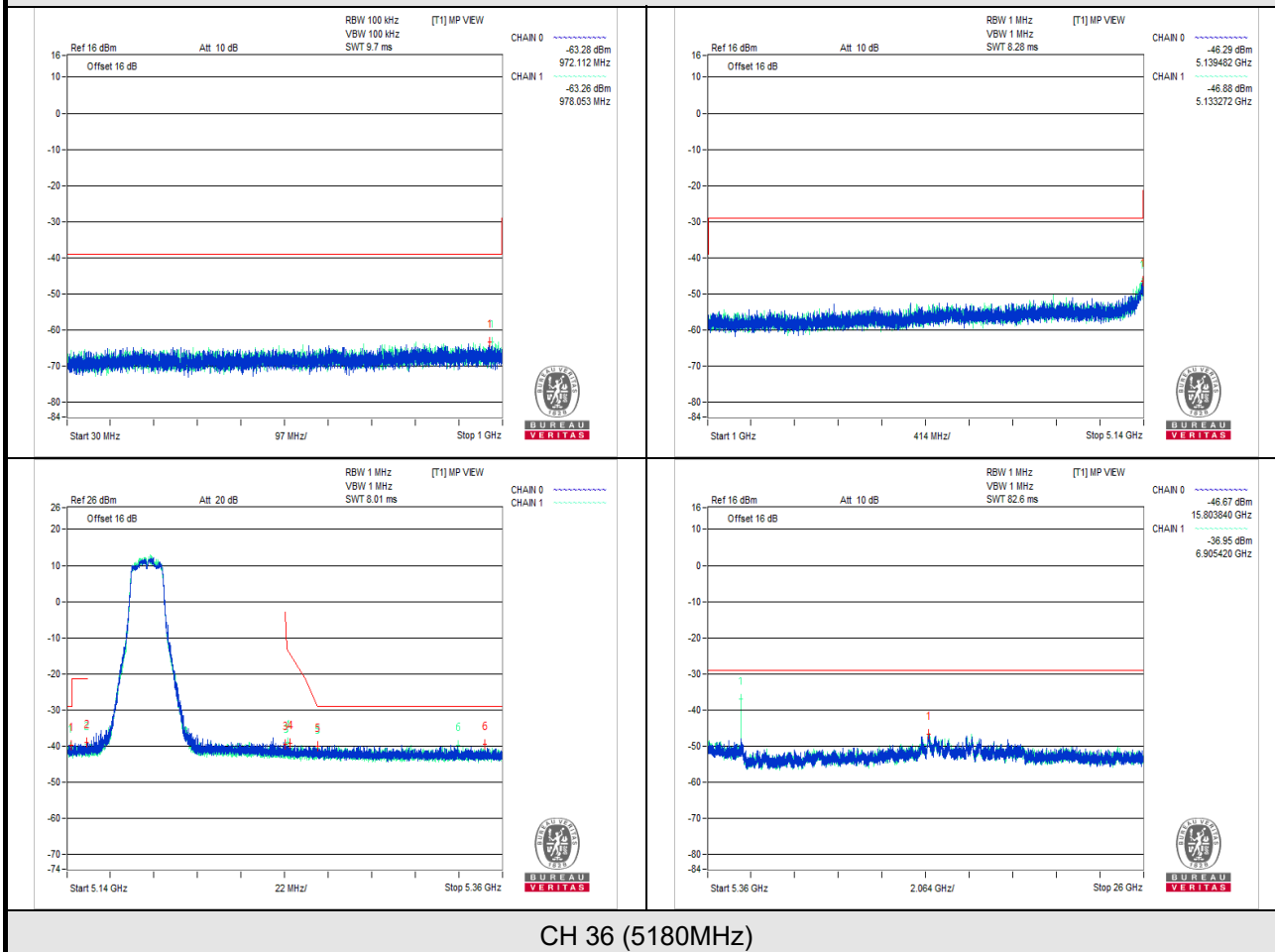
TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	978.053	0.000472	0.125	PASS
	1000.0 to 5140.0	5133.272	0.020512	1.25	PASS
	5140.0 to 5142.0	5141.292	0.096828	1.25	PASS
	5142.0 to 5150.0	5149.350	0.111429	7.5	PASS
	5250.0 to 5251.0	5250.440	0.093541	181.539028	PASS
	5251.0 to 5260.0	5251.292	0.129122	47.0993	PASS
	5260.0 to 5266.7	5266.445	0.088920	1.341023	PASS
	5266.7 to 5360.0	5337.780	0.108393	1.25	PASS
	5360.0 to 26000.0	6905.420	0.201837	1.25	PASS
V_{max.}	30.0 to 1000.0	907.243	0.000501	0.125	PASS
	1000.0 to 5140.0	5129.650	0.024604	1.25	PASS
	5140.0 to 5142.0	5141.182	0.108643	1.25	PASS
	5142.0 to 5150.0	5146.875	0.111173	7.5	PASS
	5250.0 to 5251.0	5250.770	0.083560	84.912183	PASS
	5251.0 to 5260.0	5253.767	0.091411	28.380135	PASS
	5260.0 to 5266.7	5262.622	0.104232	3.846708	PASS
	5266.7 to 5360.0	5301.232	0.130617	1.25	PASS
	5360.0 to 26000.0	6905.420	0.193197	1.25	PASS
V_{min.}	30.0 to 1000.0	921.308	0.000565	0.125	PASS
	1000.0 to 5140.0	5140.000	0.032584	1.25	PASS
	5140.0 to 5142.0	5141.375	0.133352	1.25	PASS
	5142.0 to 5150.0	5146.325	0.111686	7.5	PASS
	5250.0 to 5251.0	5250.770	0.093756	84.912183	PASS
	5251.0 to 5260.0	5252.282	0.108143	38.460458	PASS
	5260.0 to 5266.7	5261.275	0.101625	5.576211	PASS
	5266.7 to 5360.0	5340.117	0.112460	1.25	PASS
	5360.0 to 26000.0	6905.420	0.176198	1.25	PASS

TEST CHANNEL		CH 48 (5240MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	955.865	0.000465	0.125	PASS
	1000.0 to 5140.0	5130.685	0.015241	1.25	PASS
	5140.0 to 5142.0	5141.842	0.098401	1.25	PASS
	5142.0 to 5150.0	5146.765	0.101625	7.5	PASS
	5250.0 to 5251.0	5250.000	38.636698	500.000001	PASS
	5251.0 to 5260.0	5251.155	14.157938	48.438672	PASS
	5260.0 to 5266.7	5261.467	0.125026	5.288771	PASS
	5266.7 to 5360.0	5281.405	0.123027	1.25	PASS
	5360.0 to 26000.0	6985.400	0.213796	1.25	PASS
V_{max.}	30.0 to 1000.0	631.521	0.000511	0.125	PASS
	1000.0 to 5140.0	5075.830	0.012942	1.25	PASS
	5140.0 to 5142.0	5141.045	0.090782	1.25	PASS
	5142.0 to 5150.0	5147.480	0.088920	7.5	PASS
	5250.0 to 5251.0	5250.000	37.239171	500.000001	PASS
	5251.0 to 5260.0	5251.650	16.180800	43.77158	PASS
	5260.0 to 5266.7	5263.392	0.111429	3.111087	PASS
	5266.7 to 5360.0	5267.077	0.134276	1.25	PASS
	5360.0 to 26000.0	6985.400	0.217270	1.25	PASS
V_{min.}	30.0 to 1000.0	907.365	0.000502	0.125	PASS
	1000.0 to 5140.0	5132.237	0.011508	1.25	PASS
	5140.0 to 5142.0	5140.660	0.088512	1.25	PASS
	5142.0 to 5150.0	5148.195	0.090782	7.5	PASS
	5250.0 to 5251.0	5250.055	36.475395	440.524437	PASS
	5251.0 to 5260.0	5251.017	14.893611	49.826329	PASS
	5260.0 to 5266.7	5262.842	0.106414	3.62037	PASS
	5266.7 to 5360.0	5280.030	0.106170	1.25	PASS
	5360.0 to 26000.0	6985.400	0.222331	1.25	PASS

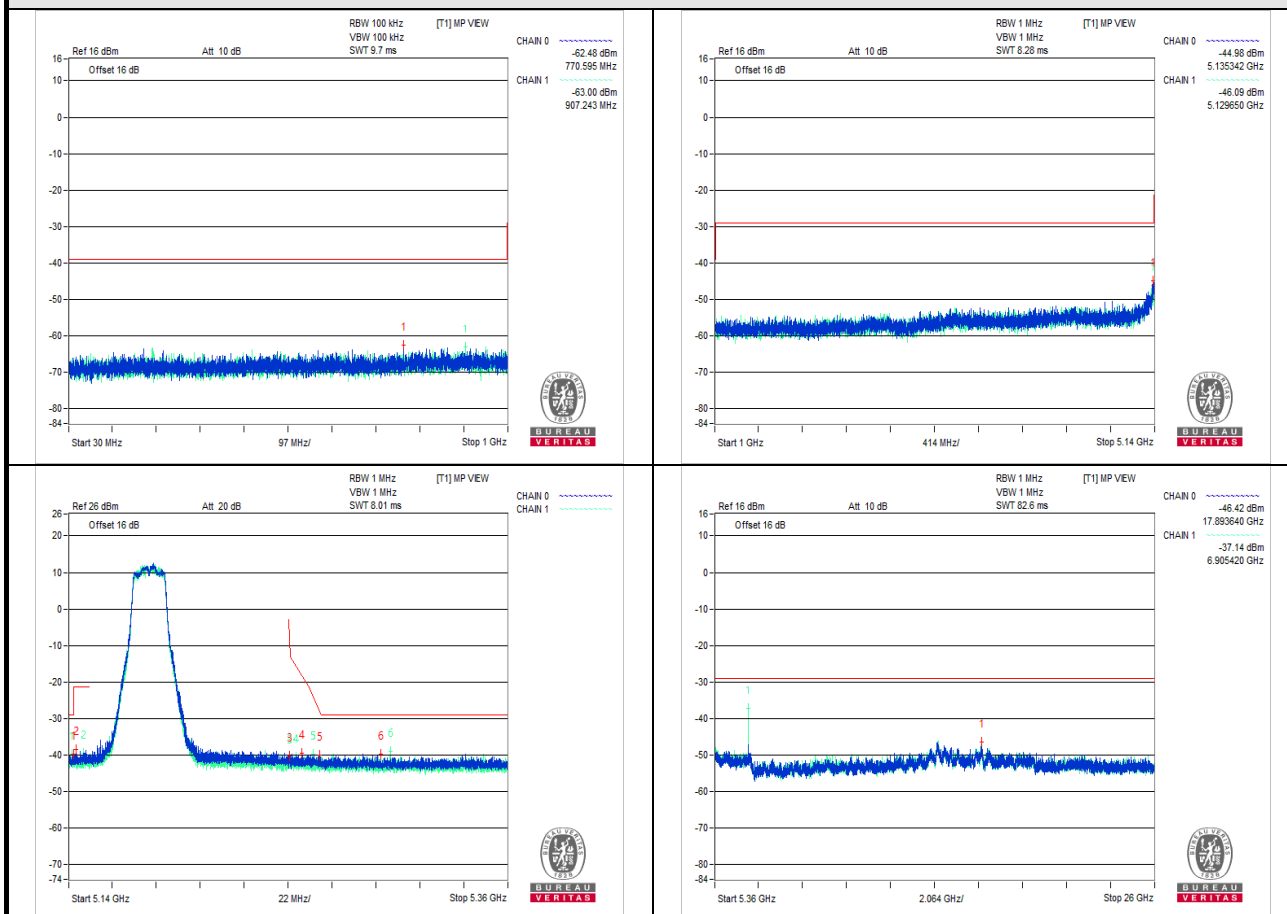
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

Vnormal

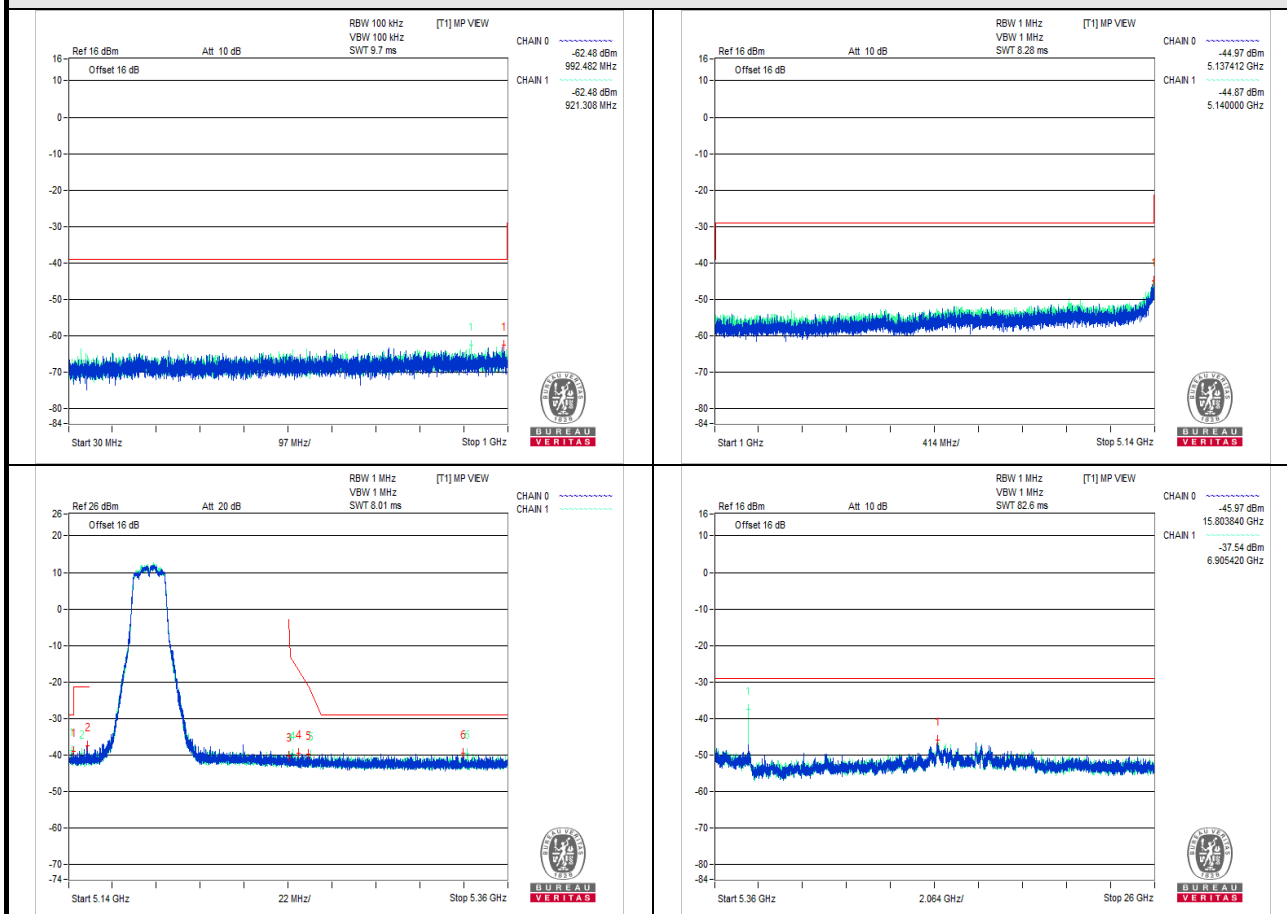


V_{max}.



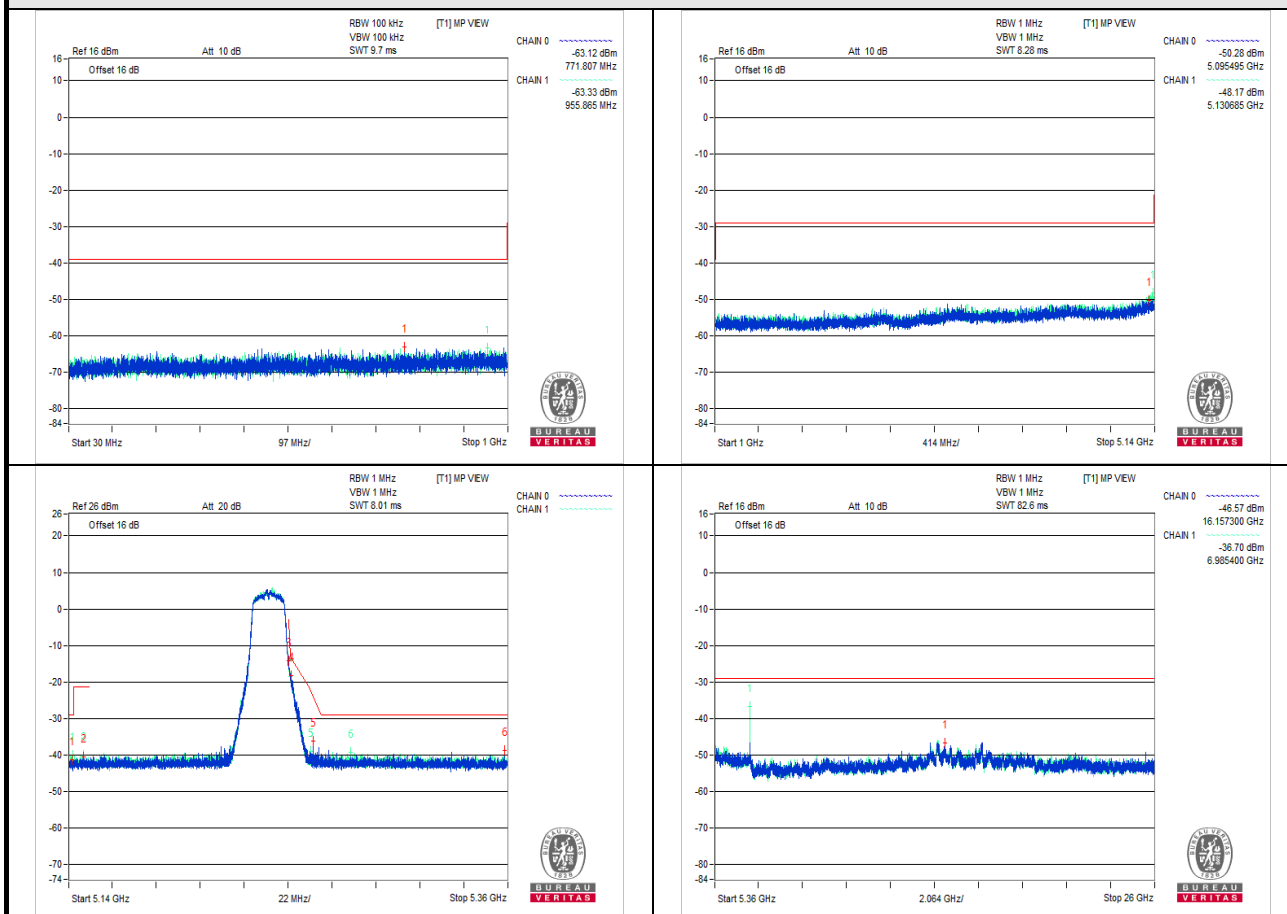
CH 36 (5180MHz)

V min.



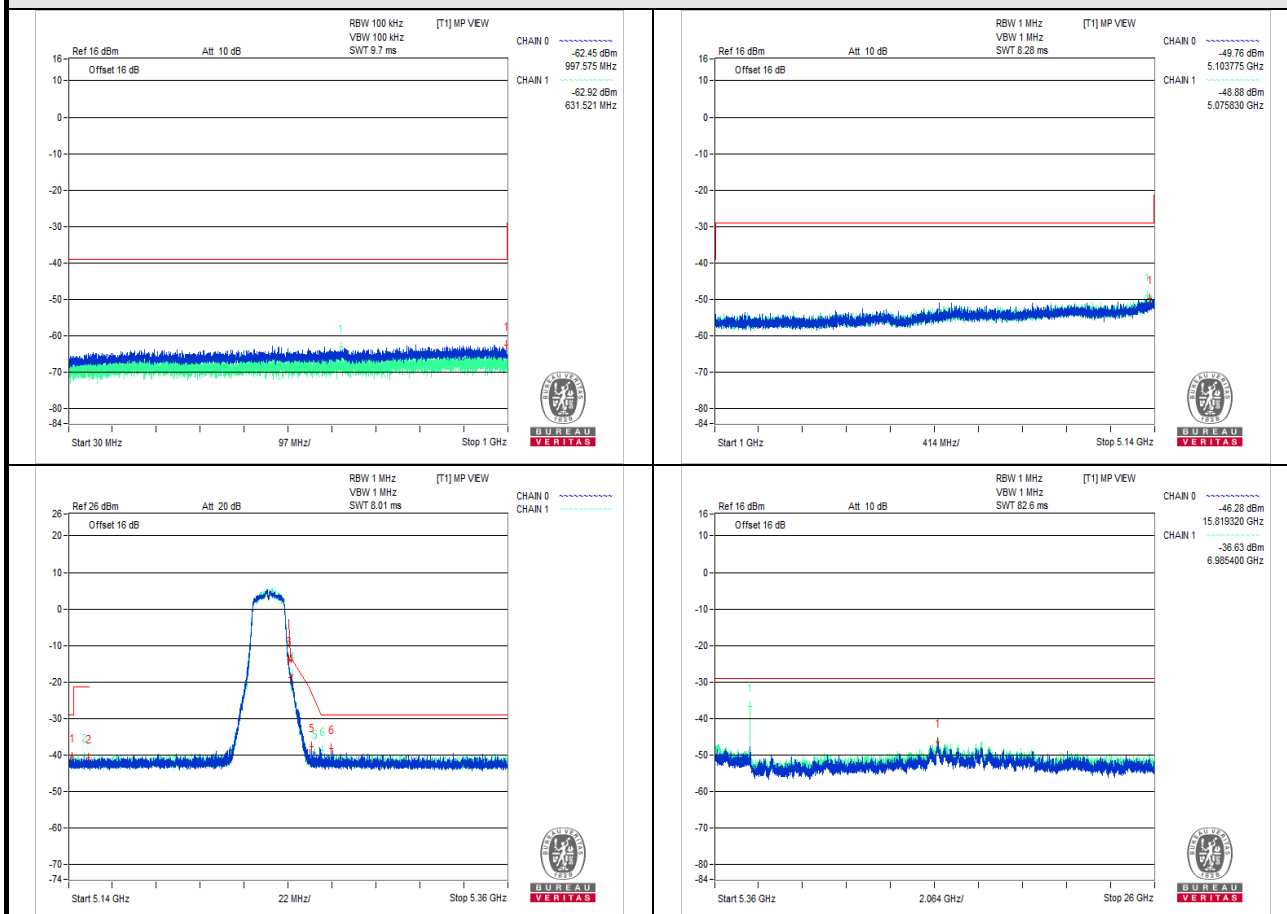
CH 36 (5180MHz)

Vnormal



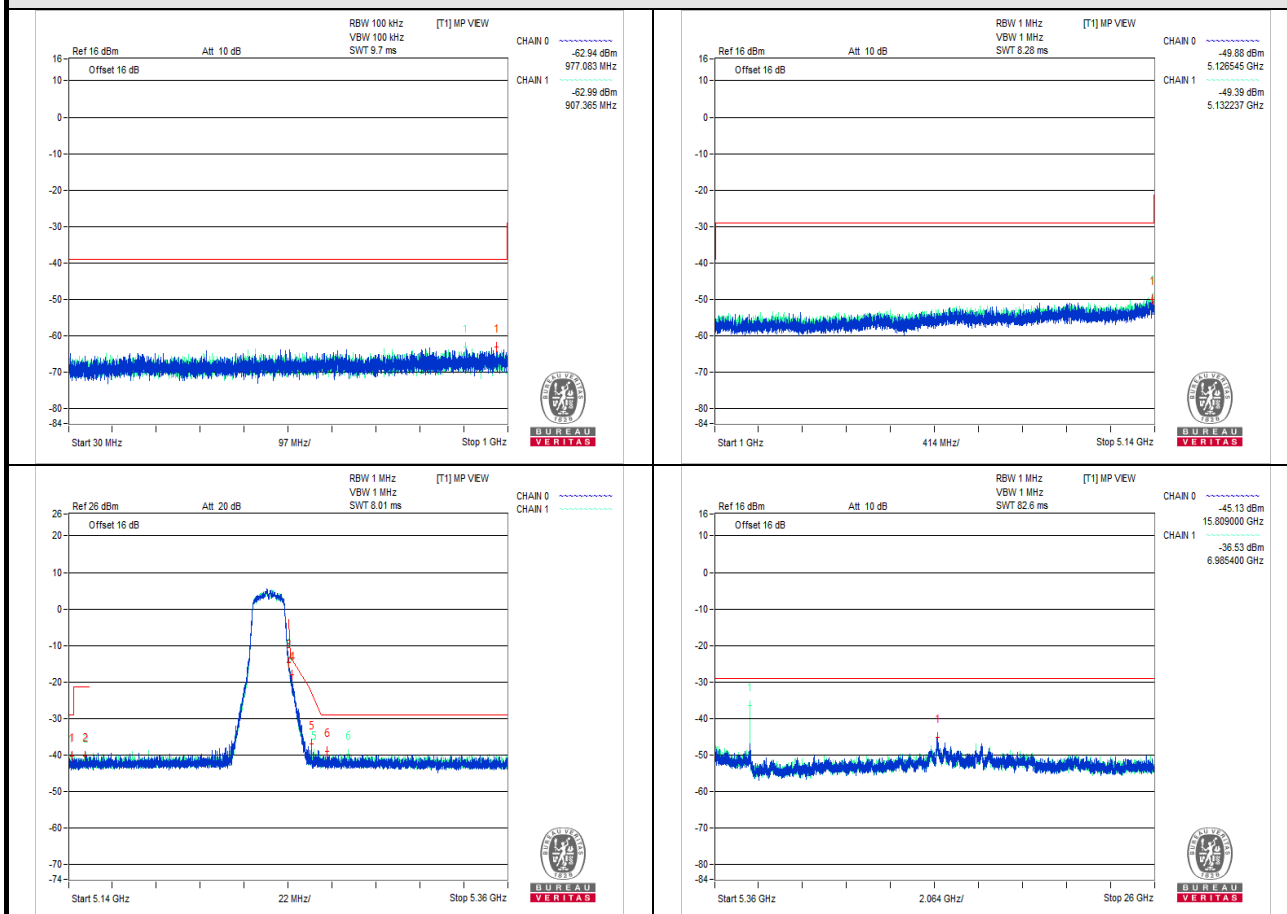
CH 48 (5240MHz)

V_{max}.



CH 48 (5240MHz)

V min.



CH 48 (5240MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 36 (5180MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000944	0.25	PASS
	1000.0 to 5140.0	0.046992	2.5	PASS
	5140.0 to 5142.0	0.216286	2.5	PASS
	5142.0 to 5150.0	0.249476	15	PASS
	5250.0 to 5251.0	0.221834	439.541616	PASS
	5251.0 to 5260.0	0.258244	94.1986	PASS
	5260.0 to 5266.7	0.195898	2.524236	PASS
	5266.7 to 5360.0	0.226480	2.5	PASS
	5360.0 to 26000.0	0.403674	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001130	0.25	PASS
	1000.0 to 5140.0	0.063538	2.5	PASS
	5140.0 to 5142.0	0.217286	2.5	PASS
	5142.0 to 5150.0	0.279918	15	PASS
	5250.0 to 5251.0	0.191438	248.31331	PASS
	5251.0 to 5260.0	0.221324	31.4292	PASS
	5260.0 to 5266.7	0.208464	7.693416	PASS
	5266.7 to 5360.0	0.261234	2.5	PASS
	5360.0 to 26000.0	0.386394	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001130	0.25	PASS
	1000.0 to 5140.0	0.065168	2.5	PASS
	5140.0 to 5142.0	0.266704	2.5	PASS
	5142.0 to 5150.0	0.369004	15	PASS
	5250.0 to 5251.0	0.187512	169.824366	PASS
	5251.0 to 5260.0	0.228050	44.554224	PASS
	5260.0 to 5266.7	0.217786	15.45207	PASS
	5266.7 to 5360.0	0.224920	2.5	PASS
	5360.0 to 26000.0	0.352396	2.5	PASS

TEST CHANNEL		CH 48 (5240MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000976	0.25	PASS
	1000.0 to 5140.0	0.030482	2.5	PASS
	5140.0 to 5142.0	0.196802	2.5	PASS
	5142.0 to 5150.0	0.203250	15	PASS
	5250.0 to 5251.0	77.273396	1000.000002	PASS
	5251.0 to 5260.0	30.271224	90.051072	PASS
	5260.0 to 5266.7	0.475368	8.0514	PASS
	5266.7 to 5360.0	0.272916	2.5	PASS
	5360.0 to 26000.0	0.427592	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001138	0.25	PASS
	1000.0 to 5140.0	0.025884	2.5	PASS
	5140.0 to 5142.0	0.182822	2.5	PASS
	5142.0 to 5150.0	0.177840	15	PASS
	5250.0 to 5251.0	83.373876	683.911648	PASS
	5251.0 to 5260.0	32.361600	87.54316	PASS
	5260.0 to 5266.7	0.345168	10.182742	PASS
	5266.7 to 5360.0	0.301322	2.5	PASS
	5360.0 to 26000.0	0.434540	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001016	0.25	PASS
	1000.0 to 5140.0	0.023016	2.5	PASS
	5140.0 to 5142.0	0.184514	2.5	PASS
	5142.0 to 5150.0	0.188378	15	PASS
	5250.0 to 5251.0	72.950790	881.048874	PASS
	5251.0 to 5260.0	32.361600	87.060714	PASS
	5260.0 to 5266.7	0.410232	9.955166	PASS
	5266.7 to 5360.0	0.258840	2.5	PASS
	5360.0 to 26000.0	0.444662	2.5	PASS

W53 Band:
802.11a
Chain 0

TEST CHANNEL		CH 52 (5260MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	827.218	0.000417	0.125	PASS
	1000.0 to 5140.0	5125.510	0.007413	1.25	PASS
	5140.0 to 5233.3	5229.540	0.111173	1.25	PASS
	5233.3 to 5240.0	5236.910	0.185353	3.381152	PASS
	5240.0 to 5249.0	5248.982	12.387966	49.816132	PASS
	5249.0 to 5250.0	5250.000	36.307805	500.000001	PASS
	5350.0 to 5360.0	5359.835	0.088920	1.25	PASS
	5360.0 to 26000.0	15834.800	0.026977	1.25	PASS
V_{max.}	30.0 to 1000.0	785.751	0.000458	0.125	PASS
	1000.0 to 5140.0	5001.827	0.008035	1.25	PASS
	5140.0 to 5233.3	5232.647	0.109144	1.25	PASS
	5233.3 to 5240.0	5237.597	0.206538	4.08607	PASS
	5240.0 to 5249.0	5248.487	12.473835	45.016322	PASS
	5249.0 to 5250.0	5250.000	36.307805	500.000001	PASS
	5350.0 to 5360.0	5359.917	0.083946	1.25	PASS
	5360.0 to 26000.0	15801.260	0.027353	1.25	PASS
V_{min.}	30.0 to 1000.0	908.213	0.000637	0.125	PASS
	1000.0 to 5140.0	5122.405	0.008091	1.25	PASS
	5140.0 to 5233.3	5228.082	0.119124	1.25	PASS
	5233.3 to 5240.0	5239.385	0.196789	6.688798	PASS
	5240.0 to 5249.0	5248.900	11.168632	48.987031	PASS
	5249.0 to 5250.0	5249.972	36.224300	468.781004	PASS
	5350.0 to 5360.0	5350.375	0.090365	1.25	PASS
	5360.0 to 26000.0	15839.960	0.025351	1.25	PASS

TEST CHANNEL		CH 64 (5320MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	957.198	0.000405	0.125	PASS
	1000.0 to 5140.0	5126.027	0.009462	1.25	PASS
	5140.0 to 5233.3	5182.900	0.105439	1.25	PASS
	5233.3 to 5240.0	5238.807	0.100000	5.703684	PASS
	5240.0 to 5249.0	5246.700	0.103276	31.226662	PASS
	5249.0 to 5250.0	5249.972	0.072611	468.781004	PASS
	5350.0 to 5360.0	5350.650	0.161065	1.25	PASS
	5360.0 to 26000.0	5362.580	0.033266	1.25	PASS
V_{max.}	30.0 to 1000.0	915.610	0.000491	0.125	PASS
	1000.0 to 5140.0	5097.047	0.007112	1.25	PASS
	5140.0 to 5233.3	5204.405	0.103276	1.25	PASS
	5233.3 to 5240.0	5235.425	0.096383	2.245405	PASS
	5240.0 to 5249.0	5248.927	0.088716	49.258492	PASS
	5249.0 to 5250.0	5249.312	0.074989	102.558109	PASS
	5350.0 to 5360.0	5353.015	0.160325	1.25	PASS
	5360.0 to 26000.0	15803.840	0.029717	1.25	PASS
V_{min.}	30.0 to 1000.0	896.816	0.000388	0.125	PASS
	1000.0 to 5140.0	5036.500	0.008770	1.25	PASS
	5140.0 to 5233.3	5189.500	0.090573	1.25	PASS
	5233.3 to 5240.0	5234.352	0.085704	1.670496	PASS
	5240.0 to 5249.0	5240.457	0.111944	8.701462	PASS
	5249.0 to 5250.0	5249.752	0.078705	282.468488	PASS
	5350.0 to 5360.0	5355.847	0.160694	1.25	PASS
	5360.0 to 26000.0	5375.480	0.027861	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

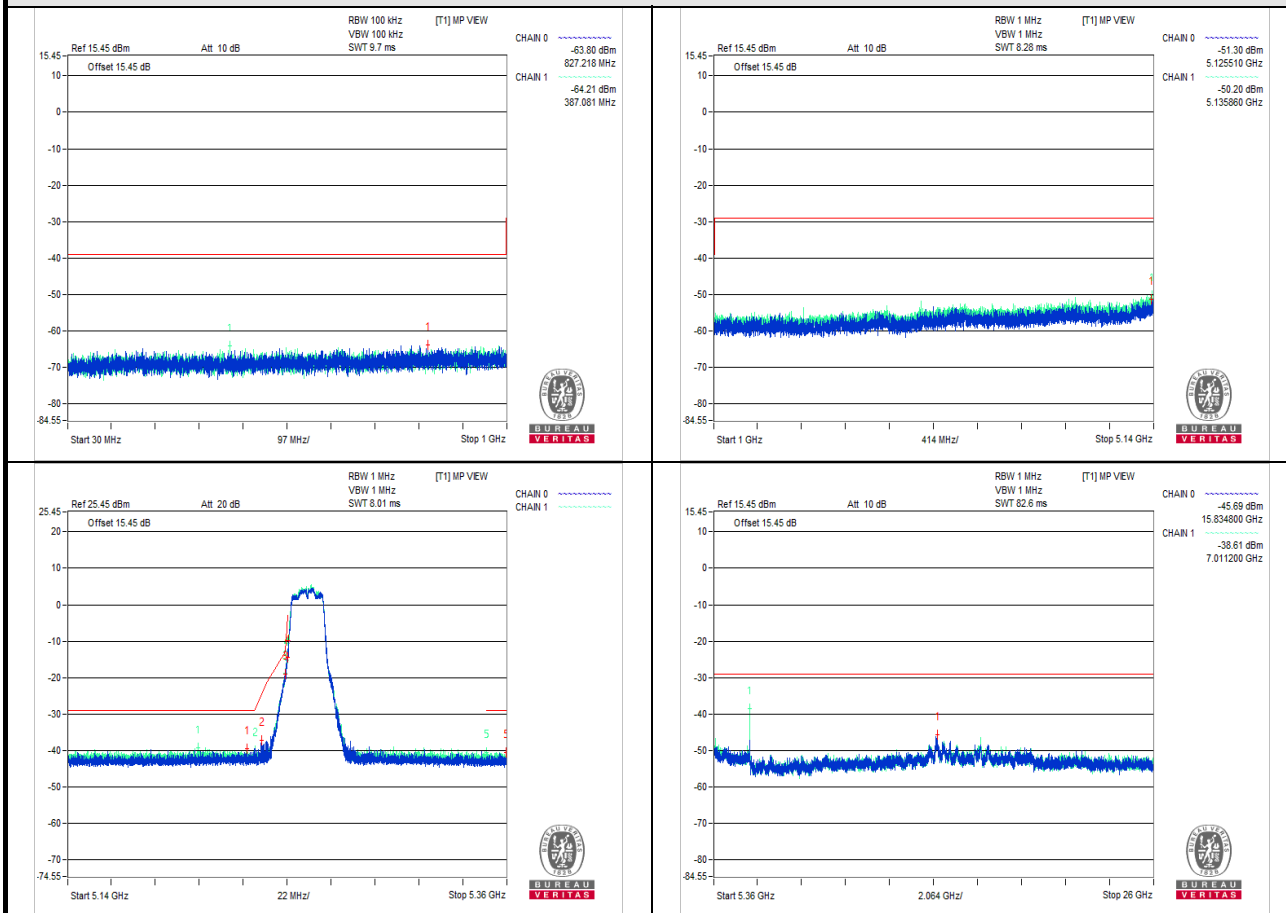
TEST CHANNEL		CH 52 (5260MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	387.081	0.000379	0.125	PASS
	1000.0 to 5140.0	5135.860	0.009550	1.25	PASS
	5140.0 to 5233.3	5205.010	0.120504	1.25	PASS
	5233.3 to 5240.0	5233.692	0.102329	1.392632	PASS
	5240.0 to 5249.0	5249.000	13.365955	50	PASS
	5249.0 to 5250.0	5249.835	29.580125	341.955824	PASS
	5350.0 to 5360.0	5350.127	0.090782	1.25	PASS
	5360.0 to 26000.0	7011.200	0.137721	1.25	PASS
V_{max.}	30.0 to 1000.0	950.287	0.000412	0.125	PASS
	1000.0 to 5140.0	5135.342	0.012331	1.25	PASS
	5140.0 to 5233.3	5187.630	0.113240	1.25	PASS
	5233.3 to 5240.0	5237.157	0.106660	3.619372	PASS
	5240.0 to 5249.0	5249.000	8.128305	50	PASS
	5249.0 to 5250.0	5249.917	26.485001	413.018975	PASS
	5350.0 to 5360.0	5354.857	0.087498	1.25	PASS
	5360.0 to 26000.0	7013.780	0.140281	1.25	PASS
V_{min.}	30.0 to 1000.0	999.757	0.000538	0.125	PASS
	1000.0 to 5140.0	5133.790	0.011535	1.25	PASS
	5140.0 to 5233.3	5203.827	0.114815	1.25	PASS
	5233.3 to 5240.0	5234.407	0.092683	1.696014	PASS
	5240.0 to 5249.0	5248.817	8.222426	48.16187	PASS
	5249.0 to 5250.0	5250.000	25.061093	500.000001	PASS
	5350.0 to 5360.0	5355.627	0.092257	1.25	PASS
	5360.0 to 26000.0	7011.200	0.138038	1.25	PASS

TEST CHANNEL		CH 64 (5320MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	928.583	0.000383	0.125	PASS
	1000.0 to 5140.0	5117.747	0.013646	1.25	PASS
	5140.0 to 5233.3	5211.995	0.115080	1.25	PASS
	5233.3 to 5240.0	5234.215	0.085704	1.608589	PASS
	5240.0 to 5249.0	5248.157	0.099770	42.076216	PASS
	5249.0 to 5250.0	5249.972	0.090573	468.781004	PASS
	5350.0 to 5360.0	5359.642	0.191867	1.25	PASS
	5360.0 to 26000.0	7093.760	0.081658	1.25	PASS
V_{max.}	30.0 to 1000.0	954.167	0.000447	0.125	PASS
	1000.0 to 5140.0	5123.440	0.011429	1.25	PASS
	5140.0 to 5233.3	5206.110	0.098628	1.25	PASS
	5233.3 to 5240.0	5236.607	0.105196	3.11023	PASS
	5240.0 to 5249.0	5248.762	0.098628	47.622748	PASS
	5249.0 to 5250.0	5249.725	0.078343	265.442223	PASS
	5350.0 to 5360.0	5354.005	0.125603	1.25	PASS
	5360.0 to 26000.0	7091.180	0.073961	1.25	PASS
V_{min.}	30.0 to 1000.0	832.190	0.000436	0.125	PASS
	1000.0 to 5140.0	5111.020	0.009727	1.25	PASS
	5140.0 to 5233.3	5196.540	0.104954	1.25	PASS
	5233.3 to 5240.0	5238.642	0.088920	5.450084	PASS
	5240.0 to 5249.0	5240.100	0.107895	8.088331	PASS
	5249.0 to 5250.0	5249.395	0.070958	124.156655	PASS
	5350.0 to 5360.0	5359.037	0.133660	1.25	PASS
	5360.0 to 26000.0	7093.760	0.074645	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

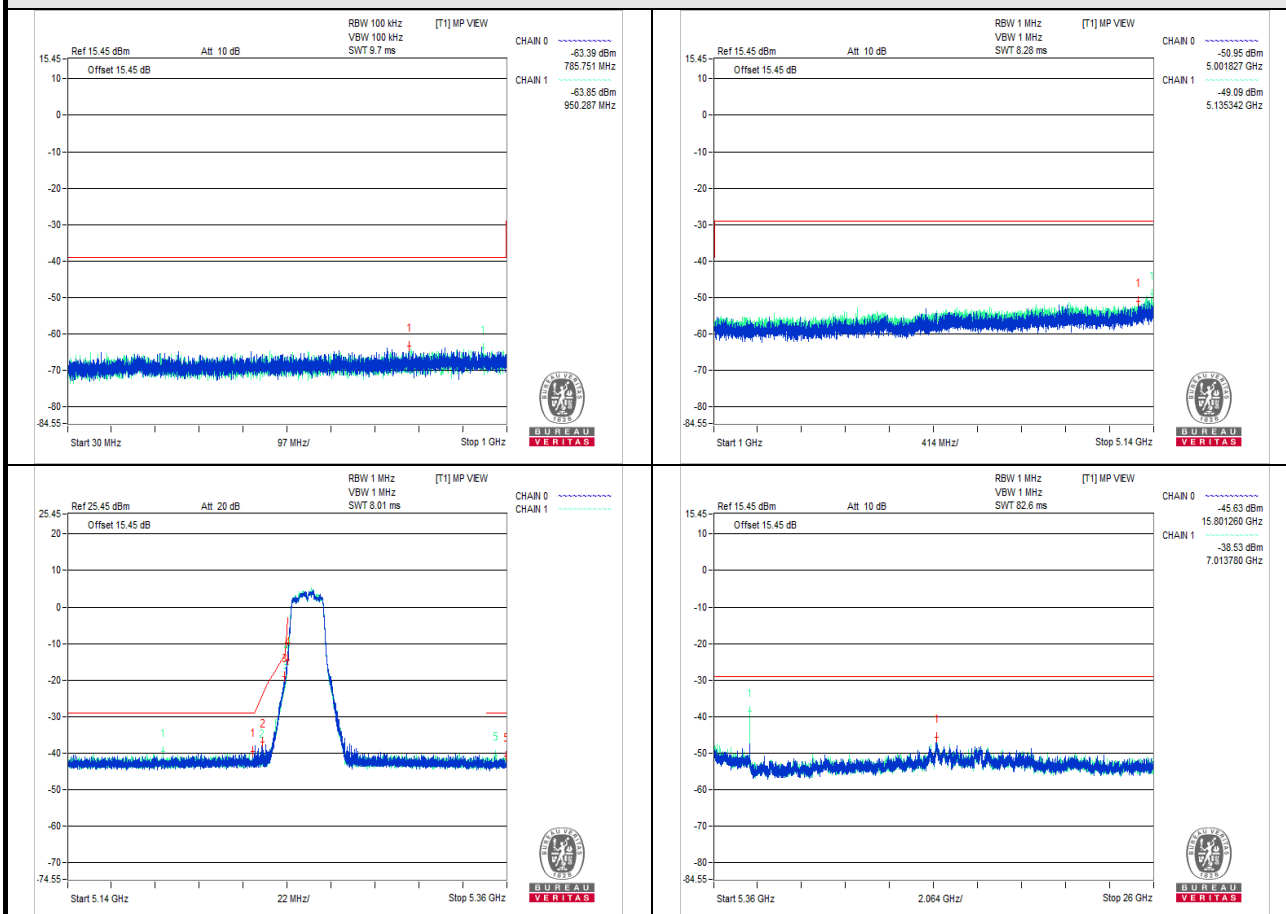
Graph

V_{normal}



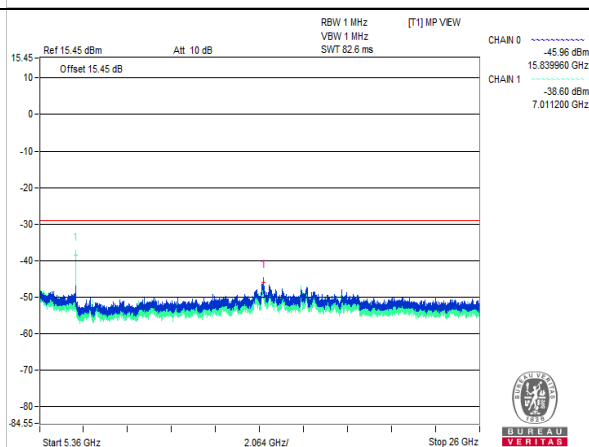
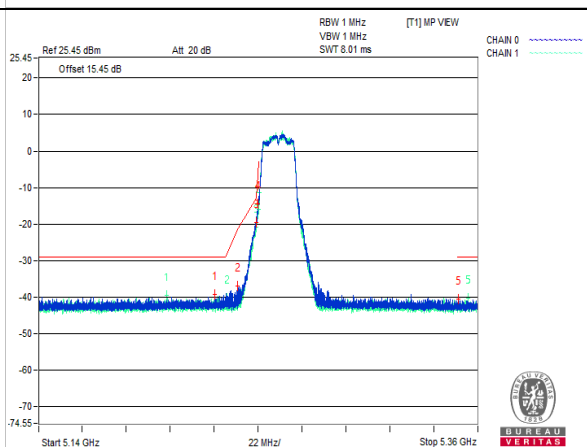
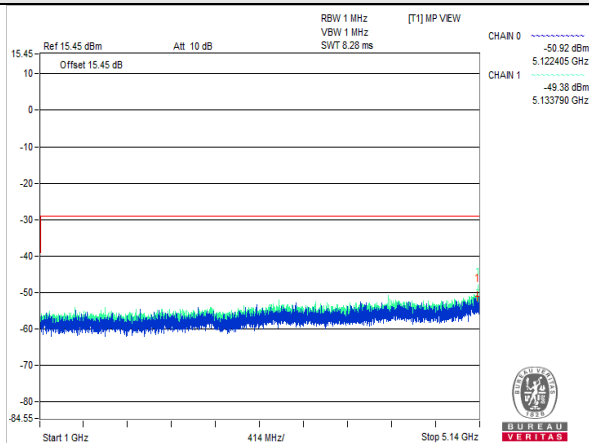
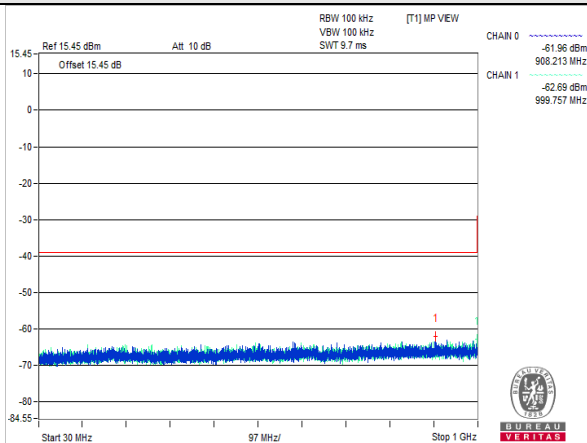
CH 52 (5260MHz)

V_{max}.



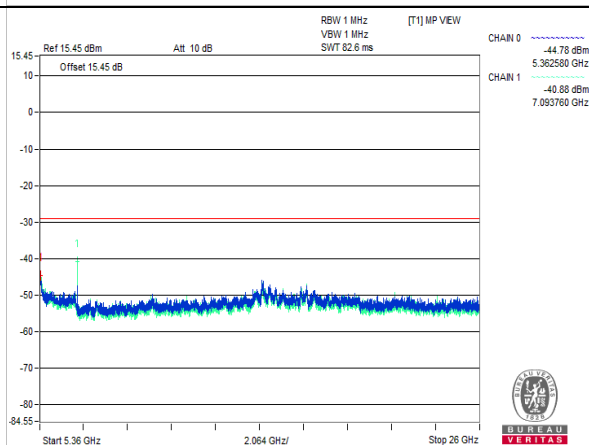
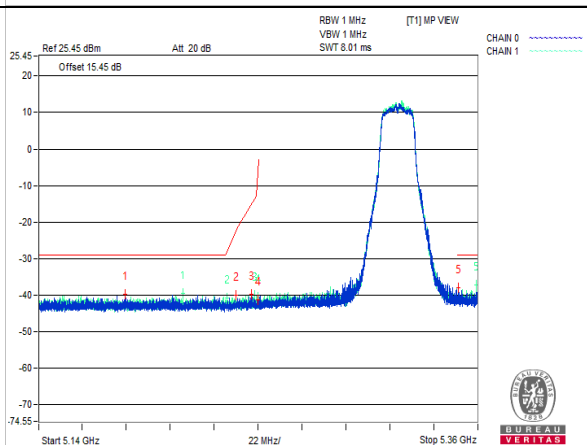
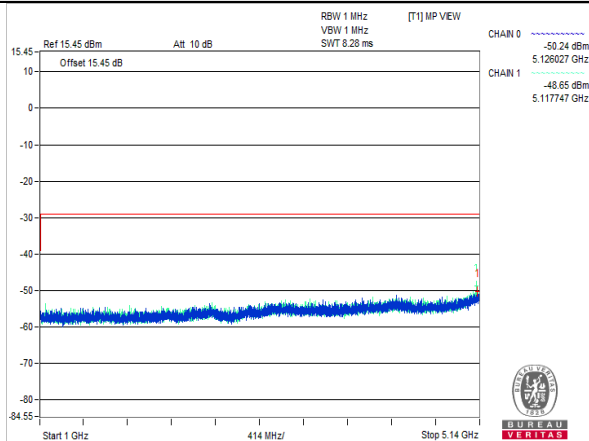
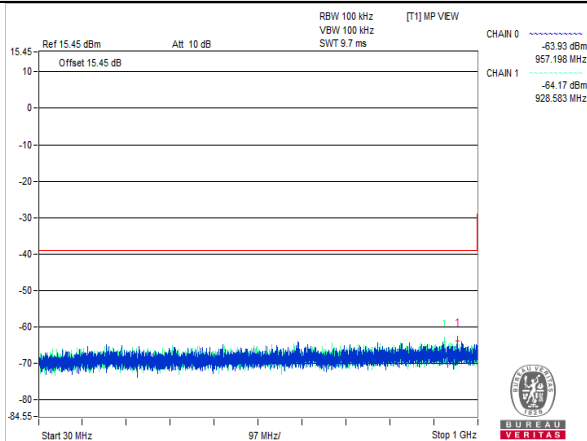
CH 52 (5260MHz)

V min.



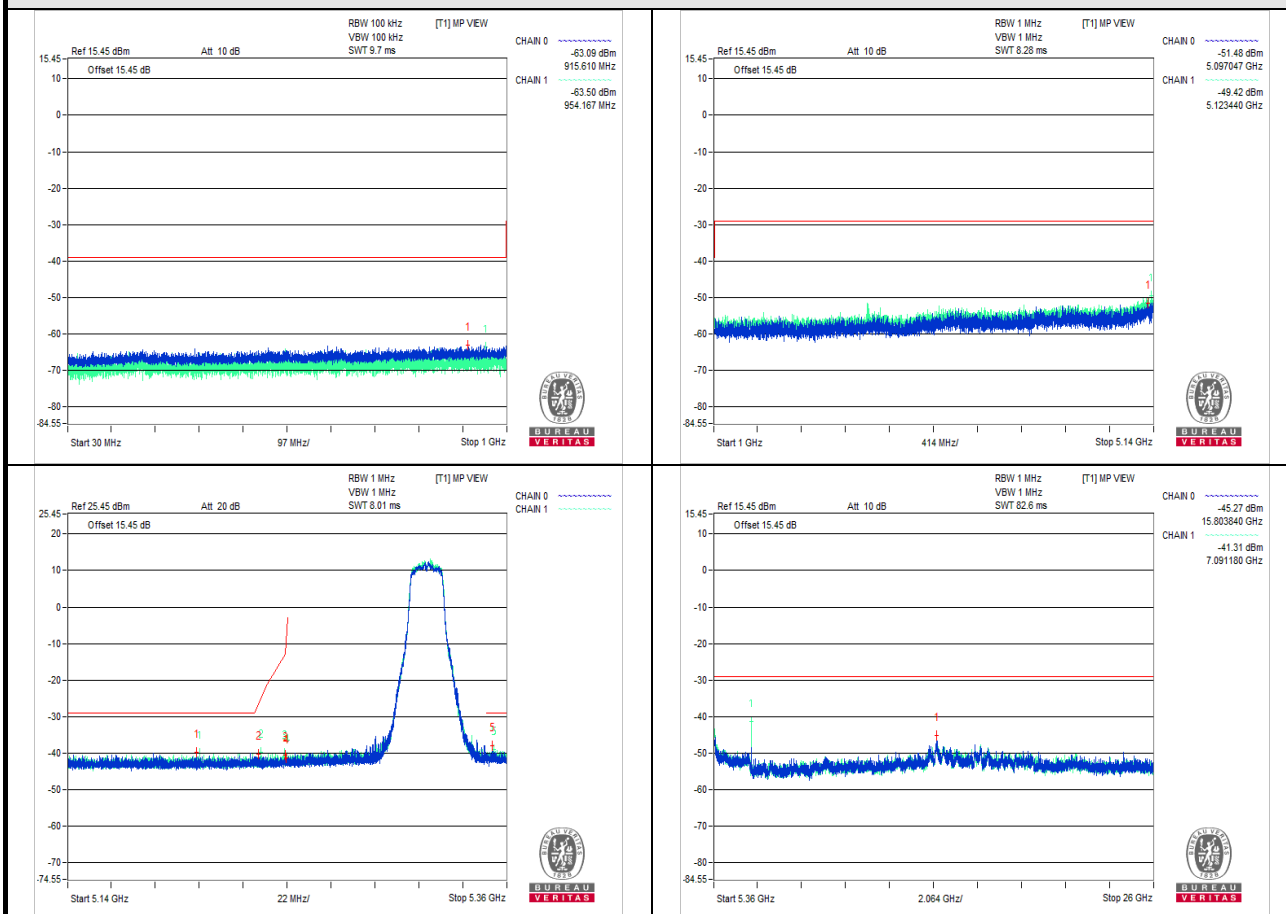
CH 52 (5260MHz)

Vnormal



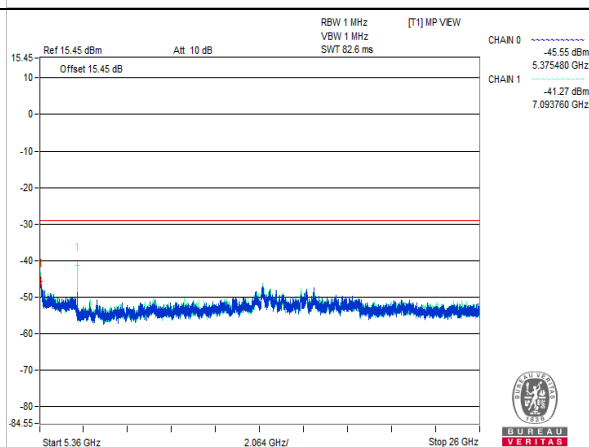
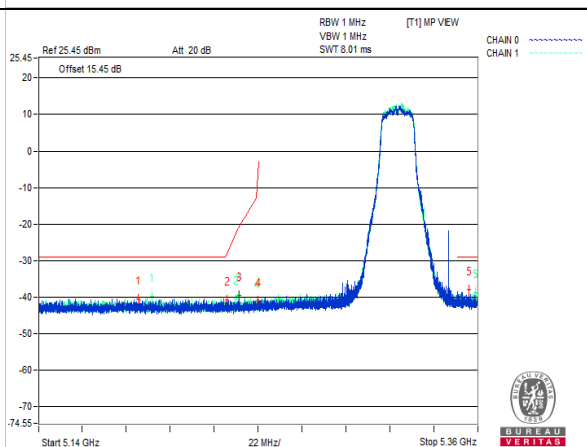
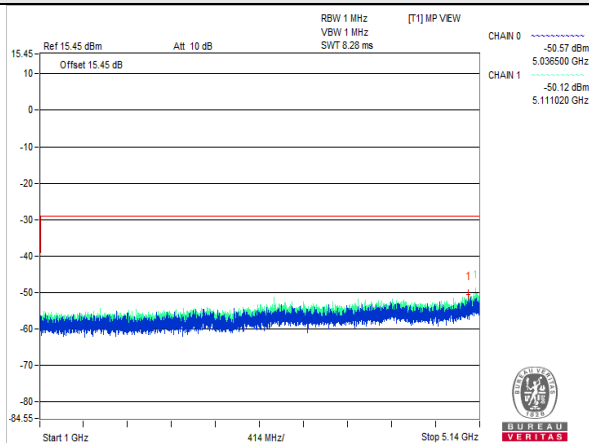
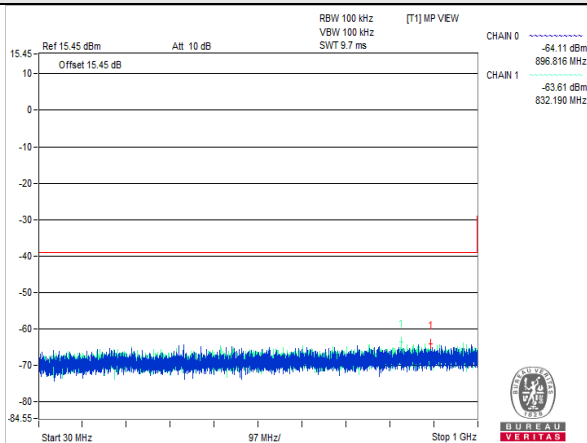
CH 64 (5320MHz)

V_{max}.



CH 64 (5320MHz)

V min.



CH 64 (5320MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 52 (5260MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000834	0.25	PASS
	1000.0 to 5140.0	0.019100	2.5	PASS
	5140.0 to 5233.3	0.241008	2.5	PASS
	5233.3 to 5240.0	0.370706	6.762304	PASS
	5240.0 to 5249.0	26.731910	100	PASS
	5249.0 to 5250.0	72.615610	1000.000002	PASS
	5350.0 to 5360.0	0.181564	2.5	PASS
	5360.0 to 26000.0	0.275442	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000916	0.25	PASS
	1000.0 to 5140.0	0.024662	2.5	PASS
	5140.0 to 5233.3	0.226480	2.5	PASS
	5233.3 to 5240.0	0.413076	8.17214	PASS
	5240.0 to 5249.0	24.947670	90.032644	PASS
	5249.0 to 5250.0	72.615610	1000.000002	PASS
	5350.0 to 5360.0	0.174996	2.5	PASS
	5360.0 to 26000.0	0.280562	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001274	0.25	PASS
	1000.0 to 5140.0	0.023070	2.5	PASS
	5140.0 to 5233.3	0.238248	2.5	PASS
	5233.3 to 5240.0	0.393578	13.377596	PASS
	5240.0 to 5249.0	22.337264	97.974062	PASS
	5249.0 to 5250.0	72.448600	937.562008	PASS
	5350.0 to 5360.0	0.184514	2.5	PASS
	5360.0 to 26000.0	0.276076	2.5	PASS

TEST CHANNEL		CH 64 (5320MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000810	0.25	PASS
	1000.0 to 5140.0	0.027292	2.5	PASS
	5140.0 to 5233.3	0.230160	2.5	PASS
	5233.3 to 5240.0	0.200000	11.407368	PASS
	5240.0 to 5249.0	0.206552	62.453324	PASS
	5249.0 to 5250.0	0.181146	937.562008	PASS
	5350.0 to 5360.0	0.383734	2.5	PASS
	5360.0 to 26000.0	0.163316	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000982	0.25	PASS
	1000.0 to 5140.0	0.022858	2.5	PASS
	5140.0 to 5233.3	0.206552	2.5	PASS
	5233.3 to 5240.0	0.210392	6.22046	PASS
	5240.0 to 5249.0	0.197256	95.245496	PASS
	5249.0 to 5250.0	0.156686	530.884446	PASS
	5350.0 to 5360.0	0.320650	2.5	PASS
	5360.0 to 26000.0	0.147922	2.5	PASS
V_{min.}	30.0 to 1000.0	0.000872	0.25	PASS
	1000.0 to 5140.0	0.019454	2.5	PASS
	5140.0 to 5233.3	0.209908	2.5	PASS
	5233.3 to 5240.0	0.177840	10.900168	PASS
	5240.0 to 5249.0	0.223888	17.402924	PASS
	5249.0 to 5250.0	0.157410	564.936976	PASS
	5350.0 to 5360.0	0.321388	2.5	PASS
	5360.0 to 26000.0	0.149290	2.5	PASS

W56 Band:
802.11a
Chain 0

TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	924.703	0.000484	0.125	PASS
	1000.0 to 5455.0	5442.748	0.055081	1.25	PASS
	5455.0 to 5460.0	5456.456	0.154525	1.25	PASS
	5460.0 to 5470.0	5469.765	0.212814	6.25	PASS
	5745.0 to 5765.0	5748.540	0.141906	6.25	PASS
	5765.0 to 5770.0	5766.771	0.141906	1.25	PASS
	5770.0 to 26000.0	15821.781	0.033113	1.25	PASS
V_{max.}	30.0 to 1000.0	278.320	0.000518	0.125	PASS
	1000.0 to 5455.0	5452.215	0.047534	1.25	PASS
	5455.0 to 5460.0	5459.528	0.177828	1.25	PASS
	5460.0 to 5470.0	5467.600	0.196336	6.25	PASS
	5745.0 to 5765.0	5759.998	0.148252	6.25	PASS
	5765.0 to 5770.0	5765.432	0.115878	1.25	PASS
	5770.0 to 26000.0	15831.896	0.023014	1.25	PASS
V_{min.}	30.0 to 1000.0	802.483	0.000646	0.125	PASS
	1000.0 to 5455.0	5455.000	0.073114	1.25	PASS
	5455.0 to 5460.0	5455.630	0.150661	1.25	PASS
	5460.0 to 5470.0	5467.403	0.216770	6.25	PASS
	5745.0 to 5765.0	5751.533	0.154525	6.25	PASS
	5765.0 to 5770.0	5767.243	0.123027	1.25	PASS
	5770.0 to 26000.0	15836.953	0.023933	1.25	PASS

TEST CHANNEL		CH 120 (5600MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	987.268	0.000455	0.125	PASS
	1000.0 to 5455.0	5356.990	0.016069	1.25	PASS
	5455.0 to 5460.0	5458.386	0.109396	1.25	PASS
	5460.0 to 5470.0	5467.481	0.119674	6.25	PASS
	5745.0 to 5765.0	5751.178	0.160325	6.25	PASS
	5765.0 to 5770.0	5767.086	0.141579	1.25	PASS
	5770.0 to 26000.0	5835.747	0.024660	1.25	PASS
V_{max.}	30.0 to 1000.0	193.202	0.000482	0.125	PASS
	1000.0 to 5455.0	5433.281	0.017660	1.25	PASS
	5455.0 to 5460.0	5455.236	0.096828	1.25	PASS
	5460.0 to 5470.0	5462.323	0.118577	6.25	PASS
	5745.0 to 5765.0	5746.414	0.156315	6.25	PASS
	5765.0 to 5770.0	5769.370	0.146555	1.25	PASS
	5770.0 to 26000.0	15844.540	0.028642	1.25	PASS
V_{min.}	30.0 to 1000.0	863.108	0.000511	0.125	PASS
	1000.0 to 5455.0	5415.461	0.020230	1.25	PASS
	5455.0 to 5460.0	5459.961	0.132130	1.25	PASS
	5460.0 to 5470.0	5466.655	0.130918	6.25	PASS
	5745.0 to 5765.0	5751.178	0.151705	6.25	PASS
	5765.0 to 5770.0	5766.850	0.148252	1.25	PASS
	5770.0 to 26000.0	15836.953	0.033574	1.25	PASS

TEST CHANNEL		CH 140 (5700MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	370.227	0.000471	0.125	PASS
	1000.0 to 5455.0	5442.191	0.012882	1.25	PASS
	5455.0 to 5460.0	5458.189	0.107647	1.25	PASS
	5460.0 to 5470.0	5462.835	0.104713	6.25	PASS
	5745.0 to 5765.0	5755.155	0.323594	6.25	PASS
	5765.0 to 5770.0	5766.613	0.234963	1.25	PASS
	5770.0 to 26000.0	5770.000	0.052240	1.25	PASS
V_{max.}	30.0 to 1000.0	925.673	0.000687	0.125	PASS
	1000.0 to 5455.0	5354.205	0.011220	1.25	PASS
	5455.0 to 5460.0	5458.780	0.087498	1.25	PASS
	5460.0 to 5470.0	5466.851	0.105925	6.25	PASS
	5745.0 to 5765.0	5746.611	0.258226	6.25	PASS
	5765.0 to 5770.0	5767.046	0.225944	1.25	PASS
	5770.0 to 26000.0	5777.586	0.080353	1.25	PASS
V_{min.}	30.0 to 1000.0	486.506	0.000480	0.125	PASS
	1000.0 to 5455.0	5453.329	0.012106	1.25	PASS
	5455.0 to 5460.0	5459.961	0.105682	1.25	PASS
	5460.0 to 5470.0	5461.378	0.127938	6.25	PASS
	5745.0 to 5765.0	5756.218	0.314775	6.25	PASS
	5765.0 to 5770.0	5765.511	0.291072	1.25	PASS
	5770.0 to 26000.0	5772.528	0.059704	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	956.350	0.000498	0.125	PASS
	1000.0 to 5455.0	5454.443	0.106905	1.25	PASS
	5455.0 to 5460.0	5459.843	0.238232	1.25	PASS
	5460.0 to 5470.0	5468.111	0.393550	6.25	PASS
	5745.0 to 5765.0	5748.895	0.144877	6.25	PASS
	5765.0 to 5770.0	5766.692	0.127057	1.25	PASS
	5770.0 to 26000.0	7332.767	0.046989	1.25	PASS
V_{max.}	30.0 to 1000.0	914.518	0.000630	0.125	PASS
	1000.0 to 5455.0	5454.443	0.115080	1.25	PASS
	5455.0 to 5460.0	5459.646	0.270396	1.25	PASS
	5460.0 to 5470.0	5468.623	0.334195	6.25	PASS
	5745.0 to 5765.0	5752.123	0.161436	6.25	PASS
	5765.0 to 5770.0	5768.740	0.136144	1.25	PASS
	5770.0 to 26000.0	7332.767	0.047206	1.25	PASS
V_{min.}	30.0 to 1000.0	938.647	0.000596	0.125	PASS
	1000.0 to 5455.0	5451.101	0.109144	1.25	PASS
	5455.0 to 5460.0	5458.858	0.202302	1.25	PASS
	5460.0 to 5470.0	5466.733	0.378443	6.25	PASS
	5745.0 to 5765.0	5759.841	0.152055	6.25	PASS
	5765.0 to 5770.0	5769.606	0.156675	1.25	PASS
	5770.0 to 26000.0	7332.767	0.053951	1.25	PASS

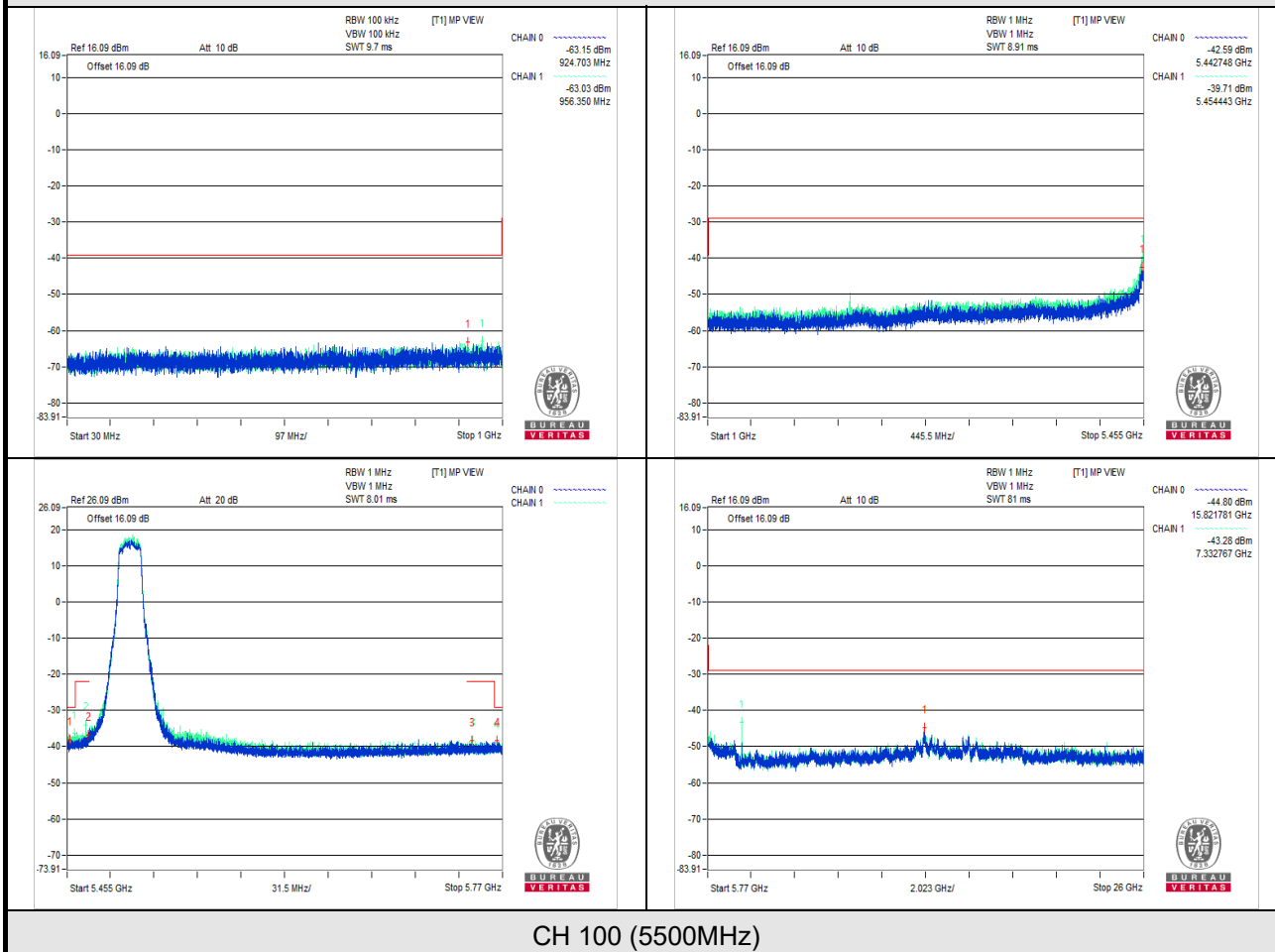
TEST CHANNEL		CH 120 (5600MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	745.253	0.000504	0.125	PASS
	1000.0 to 5455.0	5393.186	0.018664	1.25	PASS
	5455.0 to 5460.0	5459.331	0.118304	1.25	PASS
	5460.0 to 5470.0	5467.796	0.115345	6.25	PASS
	5745.0 to 5765.0	5759.998	0.137404	6.25	PASS
	5765.0 to 5770.0	5765.117	0.134276	1.25	PASS
	5770.0 to 26000.0	15842.011	0.039811	1.25	PASS
V_{max.}	30.0 to 1000.0	547.616	0.000485	0.125	PASS
	1000.0 to 5455.0	5449.431	0.019231	1.25	PASS
	5455.0 to 5460.0	5456.220	0.102565	1.25	PASS
	5460.0 to 5470.0	5465.906	0.110154	6.25	PASS
	5745.0 to 5765.0	5748.973	0.136773	6.25	PASS
	5765.0 to 5770.0	5768.740	0.167880	1.25	PASS
	5770.0 to 26000.0	5795.287	0.021478	1.25	PASS
V_{min.}	30.0 to 1000.0	971.142	0.000536	0.125	PASS
	1000.0 to 5455.0	5448.317	0.021429	1.25	PASS
	5455.0 to 5460.0	5460.000	0.108393	1.25	PASS
	5460.0 to 5470.0	5460.000	0.109396	1.25	PASS
	5745.0 to 5765.0	5757.163	0.140281	6.25	PASS
	5765.0 to 5770.0	5769.409	0.133045	1.25	PASS
	5770.0 to 26000.0	15811.666	0.028840	1.25	PASS

TEST CHANNEL		CH 140 (5700MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	927.128	0.000471	0.125	PASS
	1000.0 to 5455.0	5411.563	0.016866	1.25	PASS
	5455.0 to 5460.0	5459.213	0.105925	1.25	PASS
	5460.0 to 5470.0	5469.805	0.118577	6.25	PASS
	5745.0 to 5765.0	5747.792	0.267301	6.25	PASS
	5765.0 to 5770.0	5766.180	0.208449	1.25	PASS
	5770.0 to 26000.0	5770.000	0.054828	1.25	PASS
V_{max.}	30.0 to 1000.0	794.602	0.000467	0.125	PASS
	1000.0 to 5455.0	5299.075	0.011015	1.25	PASS
	5455.0 to 5460.0	5457.126	0.100000	1.25	PASS
	5460.0 to 5470.0	5470.000	0.118850	6.25	PASS
	5745.0 to 5765.0	5745.193	0.323594	6.25	PASS
	5765.0 to 5770.0	5769.291	0.210378	1.25	PASS
	5770.0 to 26000.0	5775.057	0.060814	1.25	PASS
V_{min.}	30.0 to 1000.0	938.162	0.000548	0.125	PASS
	1000.0 to 5455.0	5436.623	0.015276	1.25	PASS
	5455.0 to 5460.0	5455.157	0.101625	1.25	PASS
	5460.0 to 5470.0	5462.441	0.113240	6.25	PASS
	5745.0 to 5765.0	5746.453	0.252348	6.25	PASS
	5765.0 to 5770.0	5769.055	0.245471	1.25	PASS
	5770.0 to 26000.0	5772.528	0.069343	1.25	PASS

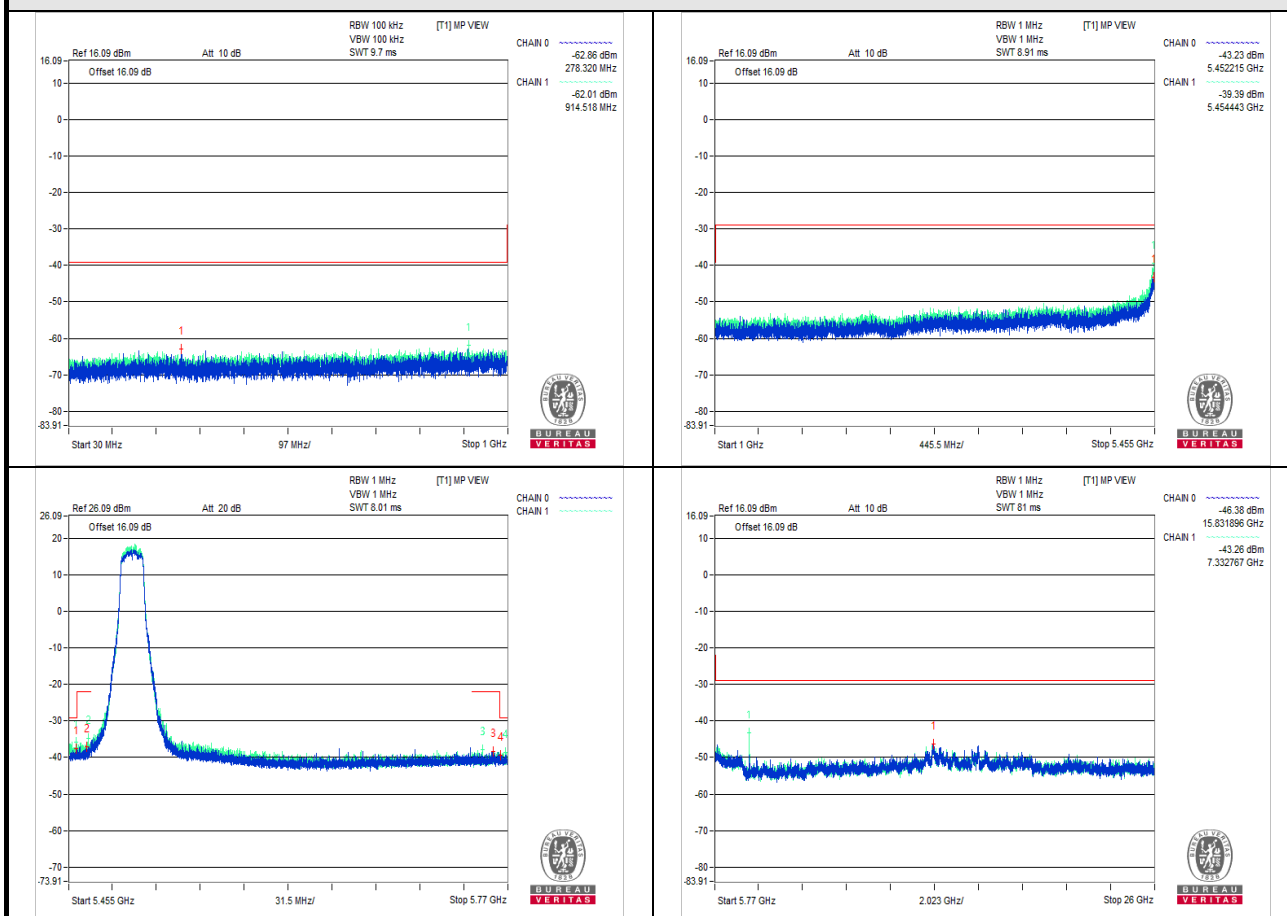
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

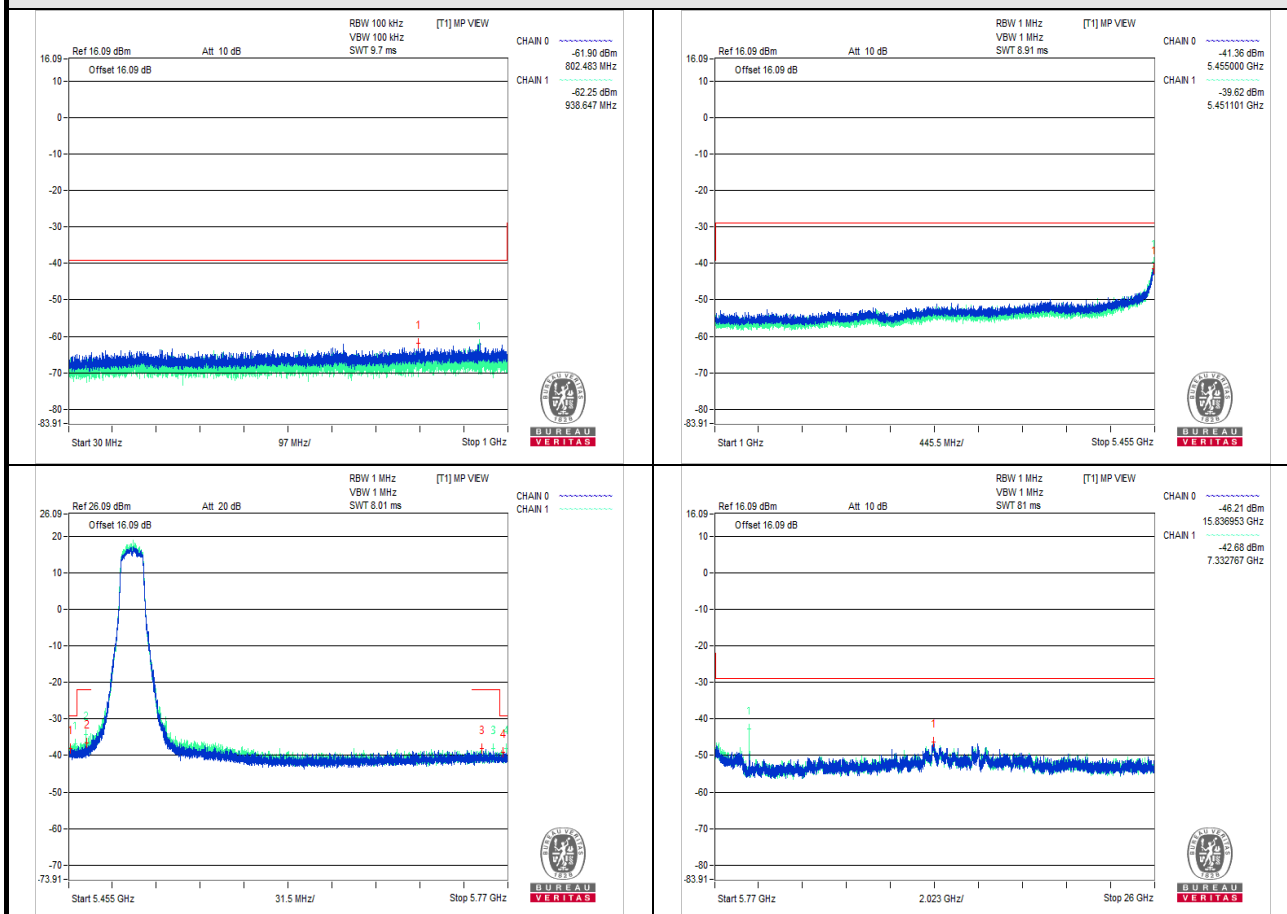


V_{max}.



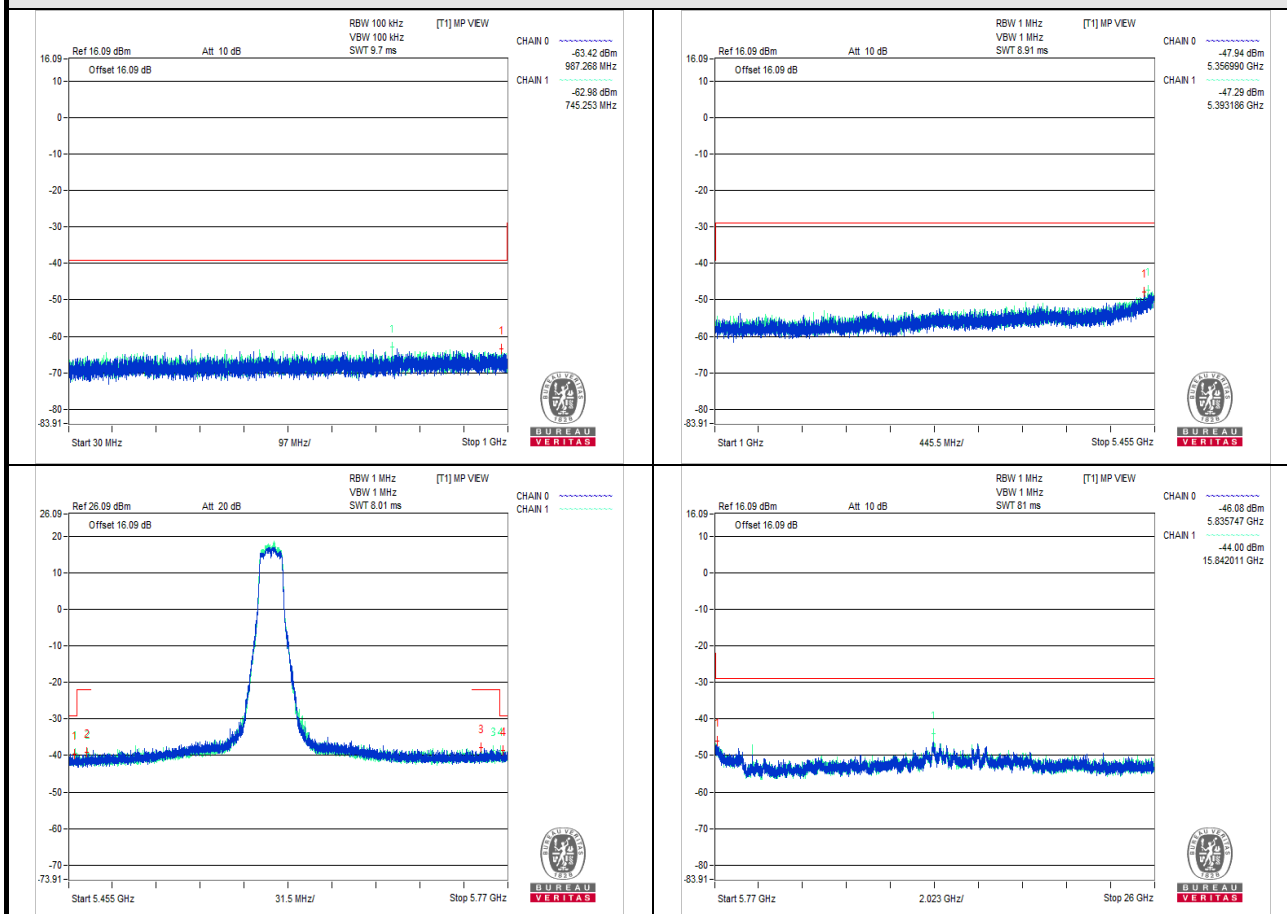
CH 100 (5500MHz)

V min.



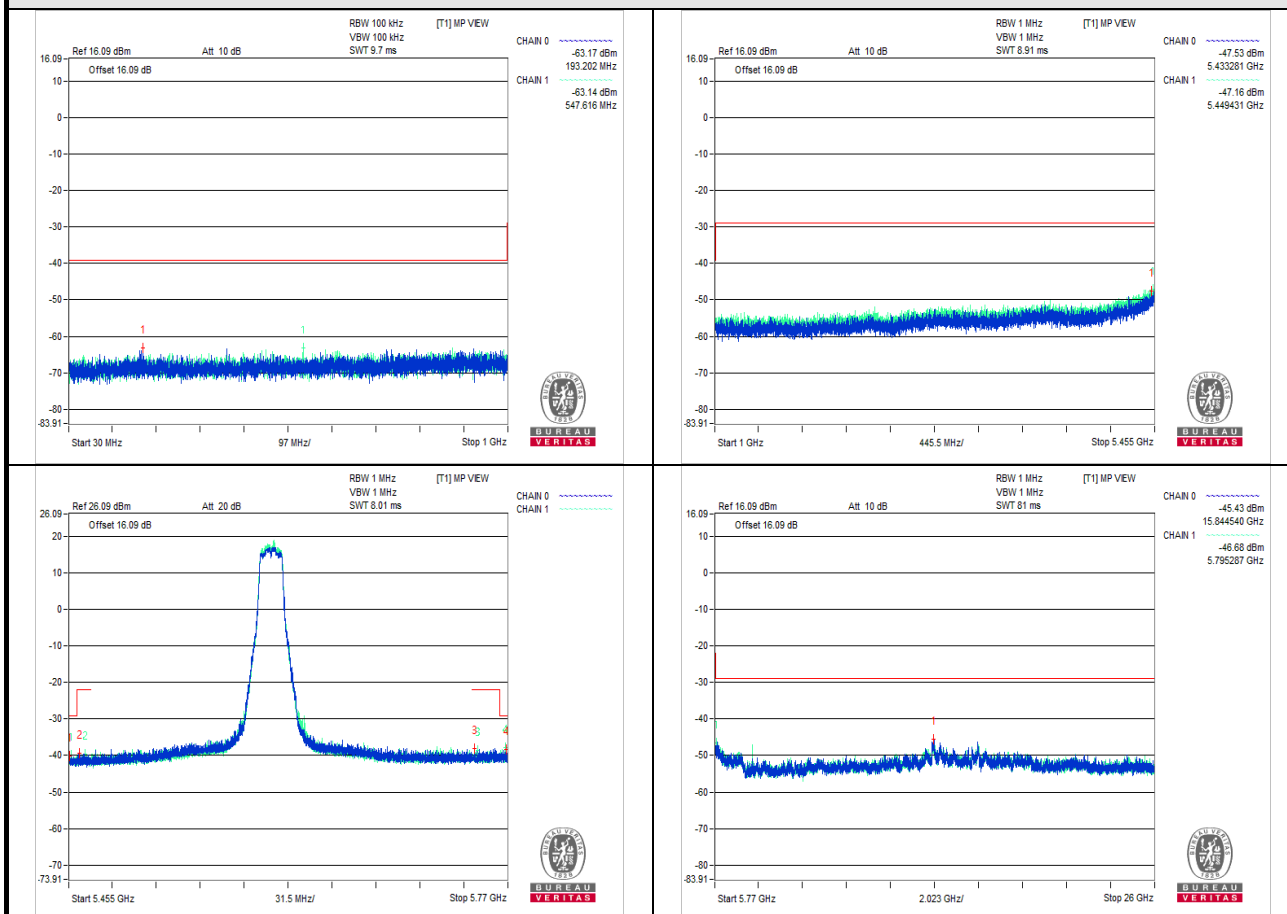
CH 100 (5500MHz)

Vnormal



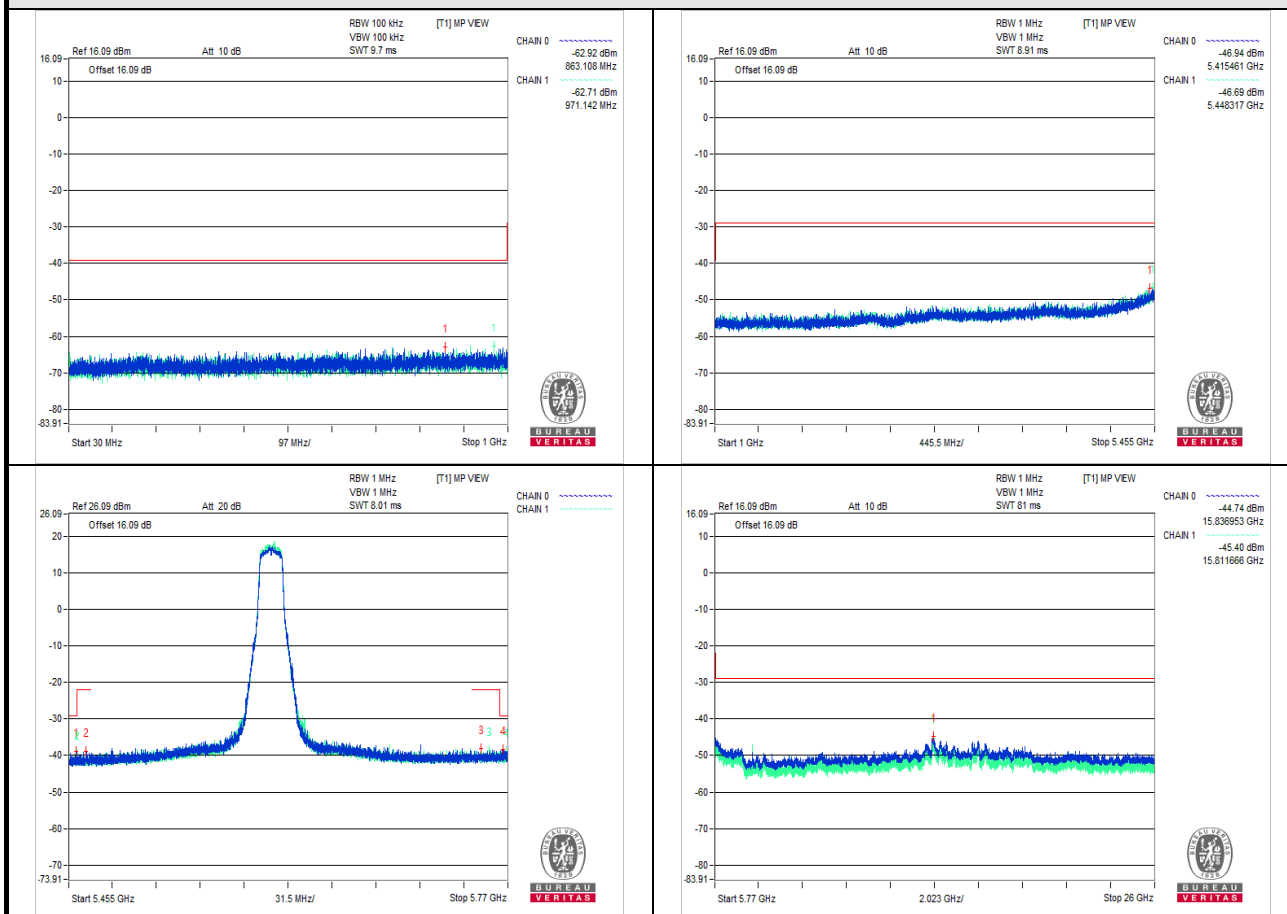
CH 120 (5600MHz)

V_{max}.



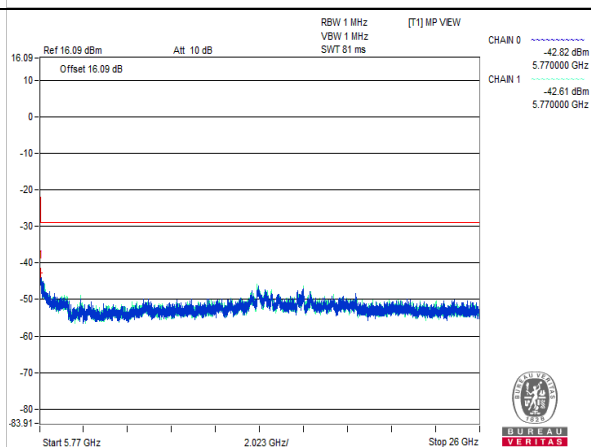
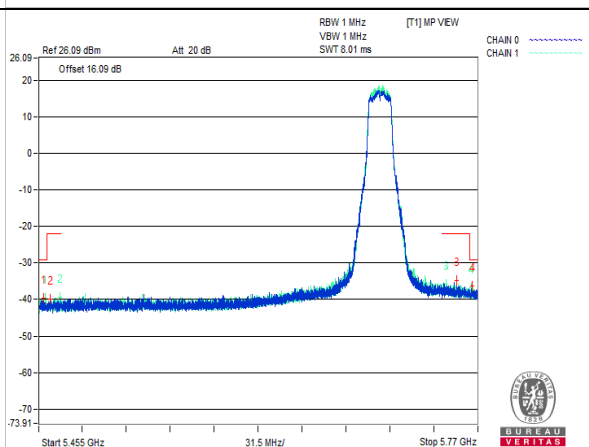
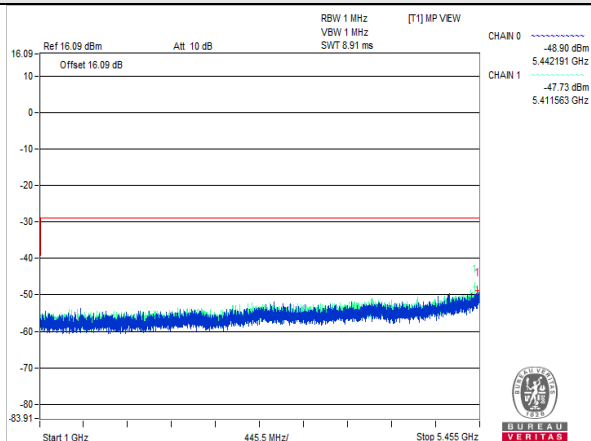
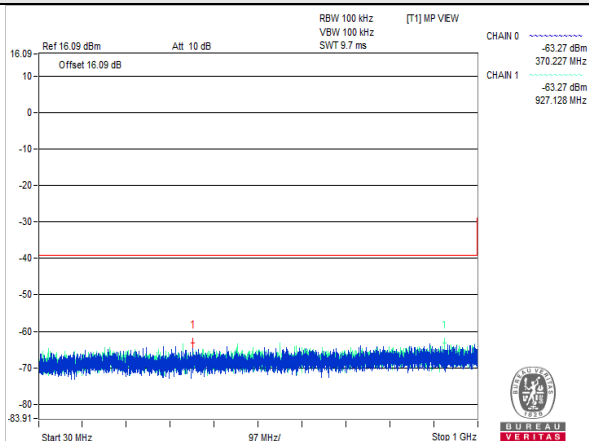
CH 120 (5600MHz)

V min.



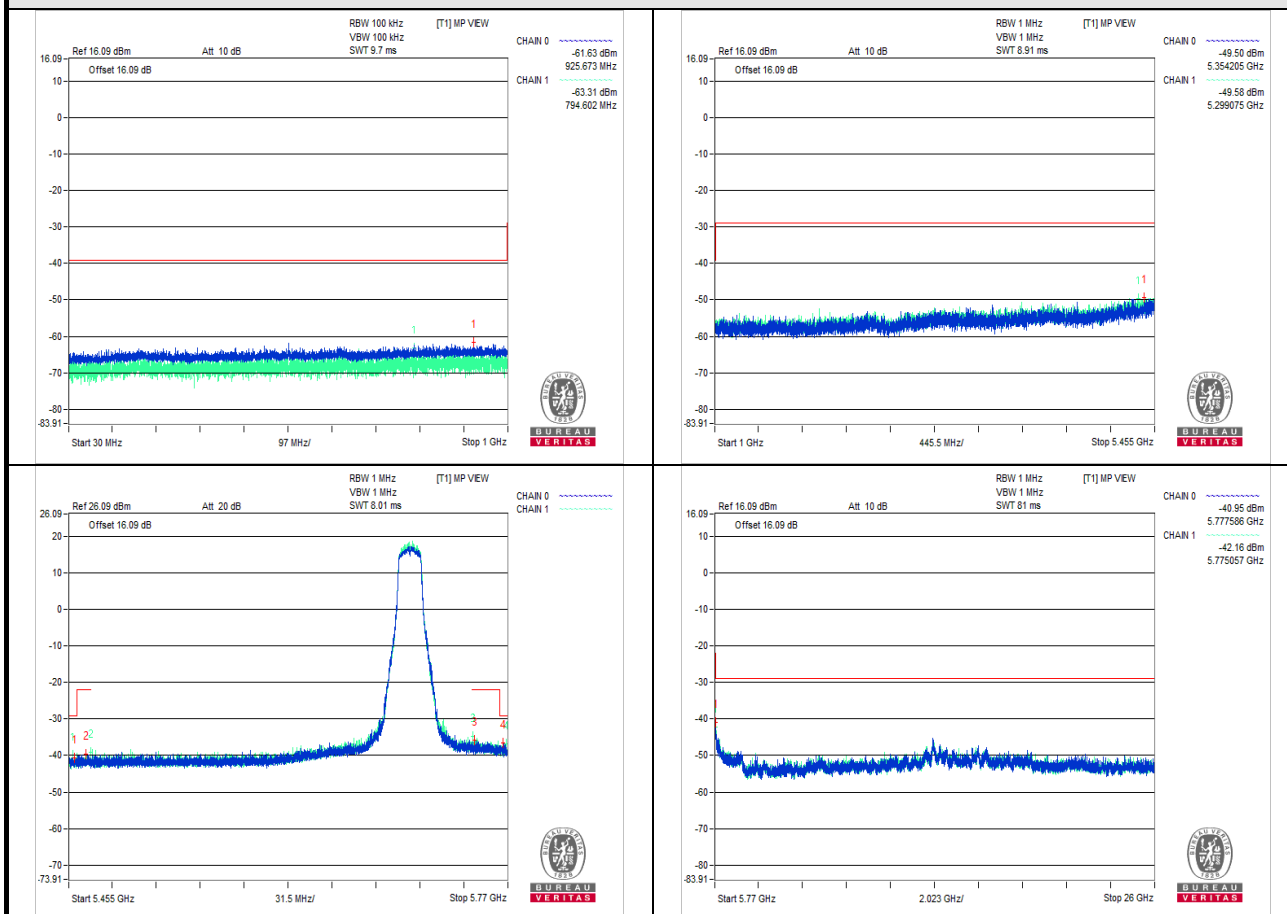
CH 120 (5600MHz)

Vnormal



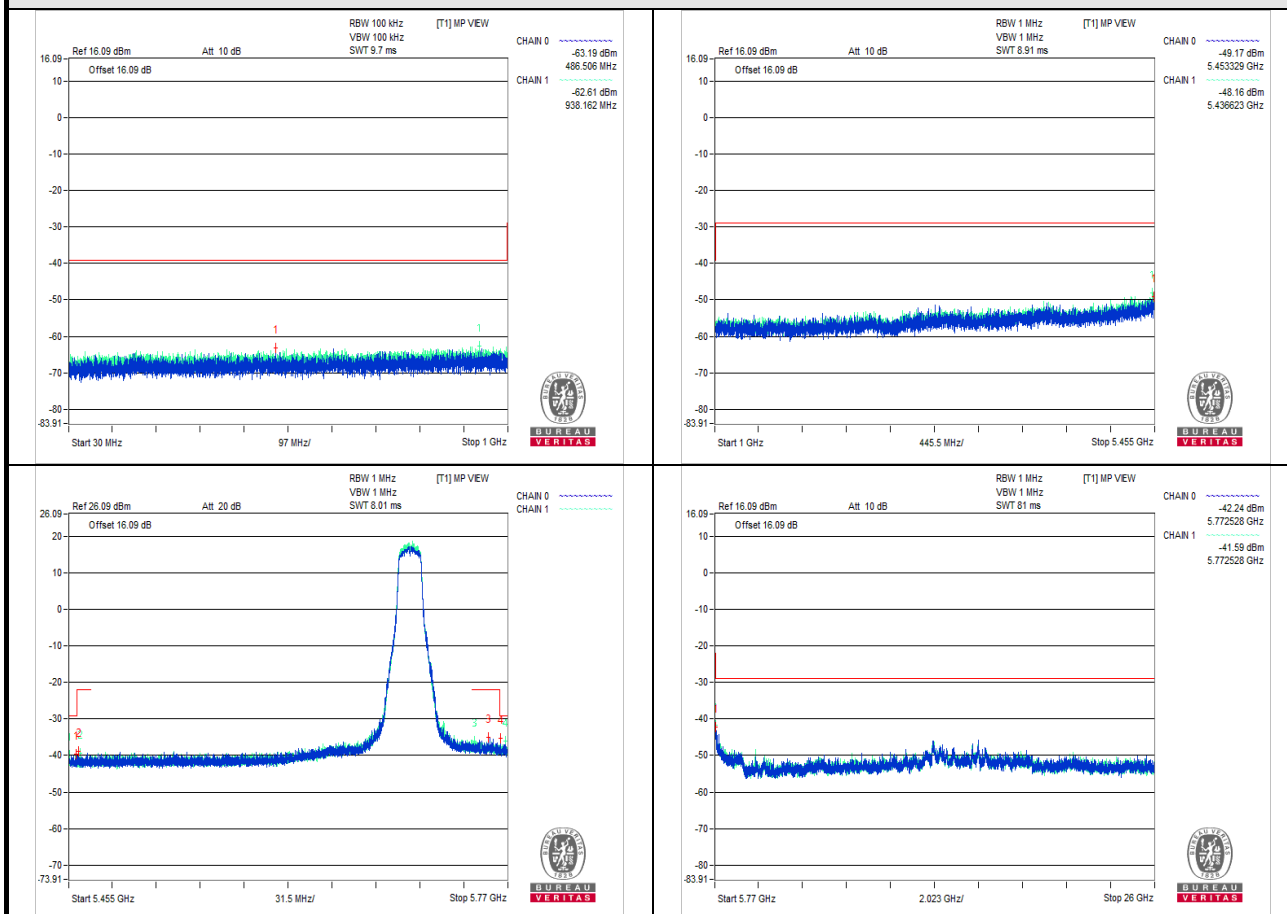
CH 140 (5700MHz)

V_{max}.



CH 140 (5700MHz)

V_{min}.



CH 140 (5700MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 100 (5500MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000996	0.25	PASS
	1000.0 to 5455.0	0.213810	2.5	PASS
	5455.0 to 5460.0	0.476464	2.5	PASS
	5460.0 to 5470.0	0.787100	12.5	PASS
	5745.0 to 5765.0	0.289754	12.5	PASS
	5765.0 to 5770.0	0.283812	2.5	PASS
	5770.0 to 26000.0	0.093978	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001260	0.25	PASS
	1000.0 to 5455.0	0.230160	2.5	PASS
	5455.0 to 5460.0	0.540792	2.5	PASS
	5460.0 to 5470.0	0.668390	12.5	PASS
	5745.0 to 5765.0	0.322872	12.5	PASS
	5765.0 to 5770.0	0.272288	2.5	PASS
	5770.0 to 26000.0	0.094412	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001292	0.25	PASS
	1000.0 to 5455.0	0.218288	2.5	PASS
	5455.0 to 5460.0	0.404604	2.5	PASS
	5460.0 to 5470.0	0.756886	12.5	PASS
	5745.0 to 5765.0	0.309050	12.5	PASS
	5765.0 to 5770.0	0.313350	2.5	PASS
	5770.0 to 26000.0	0.107902	2.5	PASS

TEST CHANNEL		CH 120 (5600MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001008	0.25	PASS
	1000.0 to 5455.0	0.037328	2.5	PASS
	5455.0 to 5460.0	0.236608	2.5	PASS
	5460.0 to 5470.0	0.239348	12.5	PASS
	5745.0 to 5765.0	0.320650	12.5	PASS
	5765.0 to 5770.0	0.283158	2.5	PASS
	5770.0 to 26000.0	0.079622	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000970	0.25	PASS
	1000.0 to 5455.0	0.038462	2.5	PASS
	5455.0 to 5460.0	0.205130	2.5	PASS
	5460.0 to 5470.0	0.237154	12.5	PASS
	5745.0 to 5765.0	0.312630	12.5	PASS
	5765.0 to 5770.0	0.335760	2.5	PASS
	5770.0 to 26000.0	0.057284	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001072	0.25	PASS
	1000.0 to 5455.0	0.042858	2.5	PASS
	5455.0 to 5460.0	0.264260	2.5	PASS
	5460.0 to 5470.0	0.261836	12.5	PASS
	5745.0 to 5765.0	0.303410	12.5	PASS
	5765.0 to 5770.0	0.296504	2.5	PASS
	5770.0 to 26000.0	0.067148	2.5	PASS

TEST CHANNEL		CH 140 (5700MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000942	0.25	PASS
	1000.0 to 5455.0	0.033732	2.5	PASS
	5455.0 to 5460.0	0.215294	2.5	PASS
	5460.0 to 5470.0	0.237154	12.5	PASS
	5745.0 to 5765.0	0.647188	12.5	PASS
	5765.0 to 5770.0	0.469926	2.5	PASS
	5770.0 to 26000.0	0.109656	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001374	0.25	PASS
	1000.0 to 5455.0	0.022440	2.5	PASS
	5455.0 to 5460.0	0.200000	2.5	PASS
	5460.0 to 5470.0	0.237700	12.5	PASS
	5745.0 to 5765.0	0.647188	12.5	PASS
	5765.0 to 5770.0	0.451888	2.5	PASS
	5770.0 to 26000.0	0.160706	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001096	0.25	PASS
	1000.0 to 5455.0	0.030552	2.5	PASS
	5455.0 to 5460.0	0.211364	2.5	PASS
	5460.0 to 5470.0	0.255876	12.5	PASS
	5745.0 to 5765.0	0.629550	12.5	PASS
	5765.0 to 5770.0	0.582144	2.5	PASS
	5770.0 to 26000.0	0.138686	2.5	PASS

W52 Band:
802.11ac (VHT20)
Chain 0

TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	838.737	0.000450	0.125	PASS
	1000.0 to 5140.0	5128.615	0.026977	1.25	PASS
	5140.0 to 5142.0	5141.705	0.120781	1.25	PASS
	5142.0 to 5150.0	5149.515	0.114288	7.5	PASS
	5250.0 to 5251.0	5250.440	0.086497	181.539028	PASS
	5251.0 to 5260.0	5254.702	0.094406	23.437071	PASS
	5260.0 to 5266.7	5266.087	0.106170	1.480105	PASS
	5266.7 to 5360.0	5289.215	0.104713	1.25	PASS
	5360.0 to 26000.0	15827.060	0.030269	1.25	PASS
V_{max.}	30.0 to 1000.0	959.017	0.000575	0.125	PASS
	1000.0 to 5140.0	5133.790	0.022542	1.25	PASS
	5140.0 to 5142.0	5141.842	0.100231	1.25	PASS
	5142.0 to 5150.0	5148.827	0.149968	7.5	PASS
	5250.0 to 5251.0	5250.055	0.104232	440.524437	PASS
	5251.0 to 5260.0	5252.062	0.115878	40.23185	PASS
	5260.0 to 5266.7	5260.257	0.107895	7.382516	PASS
	5266.7 to 5360.0	5311.380	0.125314	1.25	PASS
	5360.0 to 26000.0	6905.420	0.023768	1.25	PASS
V_{min.}	30.0 to 1000.0	983.025	0.000455	0.125	PASS
	1000.0 to 5140.0	5140.000	0.019588	1.25	PASS
	5140.0 to 5142.0	5140.330	0.105682	1.25	PASS
	5142.0 to 5150.0	5143.162	0.126474	7.5	PASS
	5250.0 to 5251.0	5250.000	0.083753	500.000001	PASS
	5251.0 to 5260.0	5252.447	0.111429	37.183287	PASS
	5260.0 to 5266.7	5265.015	0.109144	1.988942	PASS
	5266.7 to 5360.0	5354.390	0.121339	1.25	PASS
	5360.0 to 26000.0	15834.800	0.025061	1.25	PASS

TEST CHANNEL		CH 48 (5240MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	947.013	0.000474	0.125	PASS
	1000.0 to 5140.0	5111.020	0.011429	1.25	PASS
	5140.0 to 5142.0	5140.962	0.073621	1.25	PASS
	5142.0 to 5150.0	5144.895	0.100000	7.5	PASS
	5250.0 to 5251.0	5250.055	79.615935	440.524437	PASS
	5251.0 to 5260.0	5251.100	24.099054	48.987031	PASS
	5260.0 to 5266.7	5261.247	0.165959	5.619415	PASS
	5266.7 to 5360.0	5267.462	0.113763	1.25	PASS
	5360.0 to 26000.0	15806.420	0.026546	1.25	PASS
V_{max.}	30.0 to 1000.0	869.413	0.000558	0.125	PASS
	1000.0 to 5140.0	5090.320	0.009817	1.25	PASS
	5140.0 to 5142.0	5140.495	0.092045	1.25	PASS
	5142.0 to 5150.0	5142.255	0.090157	7.5	PASS
	5250.0 to 5251.0	5250.000	81.658237	500.000001	PASS
	5251.0 to 5260.0	5251.127	20.892960	48.717065	PASS
	5260.0 to 5266.7	5260.367	0.139637	7.162032	PASS
	5266.7 to 5360.0	5269.910	0.125314	1.25	PASS
	5360.0 to 26000.0	15827.060	0.025119	1.25	PASS
V_{min.}	30.0 to 1000.0	996.847	0.000457	0.125	PASS
	1000.0 to 5140.0	5129.132	0.008831	1.25	PASS
	5140.0 to 5142.0	5140.275	0.077268	1.25	PASS
	5142.0 to 5150.0	5142.722	0.090782	7.5	PASS
	5250.0 to 5251.0	5250.000	61.094202	500.000001	PASS
	5251.0 to 5260.0	5251.430	16.595869	45.78759	PASS
	5260.0 to 5266.7	5260.285	0.159221	7.325757	PASS
	5266.7 to 5360.0	5268.562	0.106414	1.25	PASS
	5360.0 to 26000.0	15811.580	0.024099	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

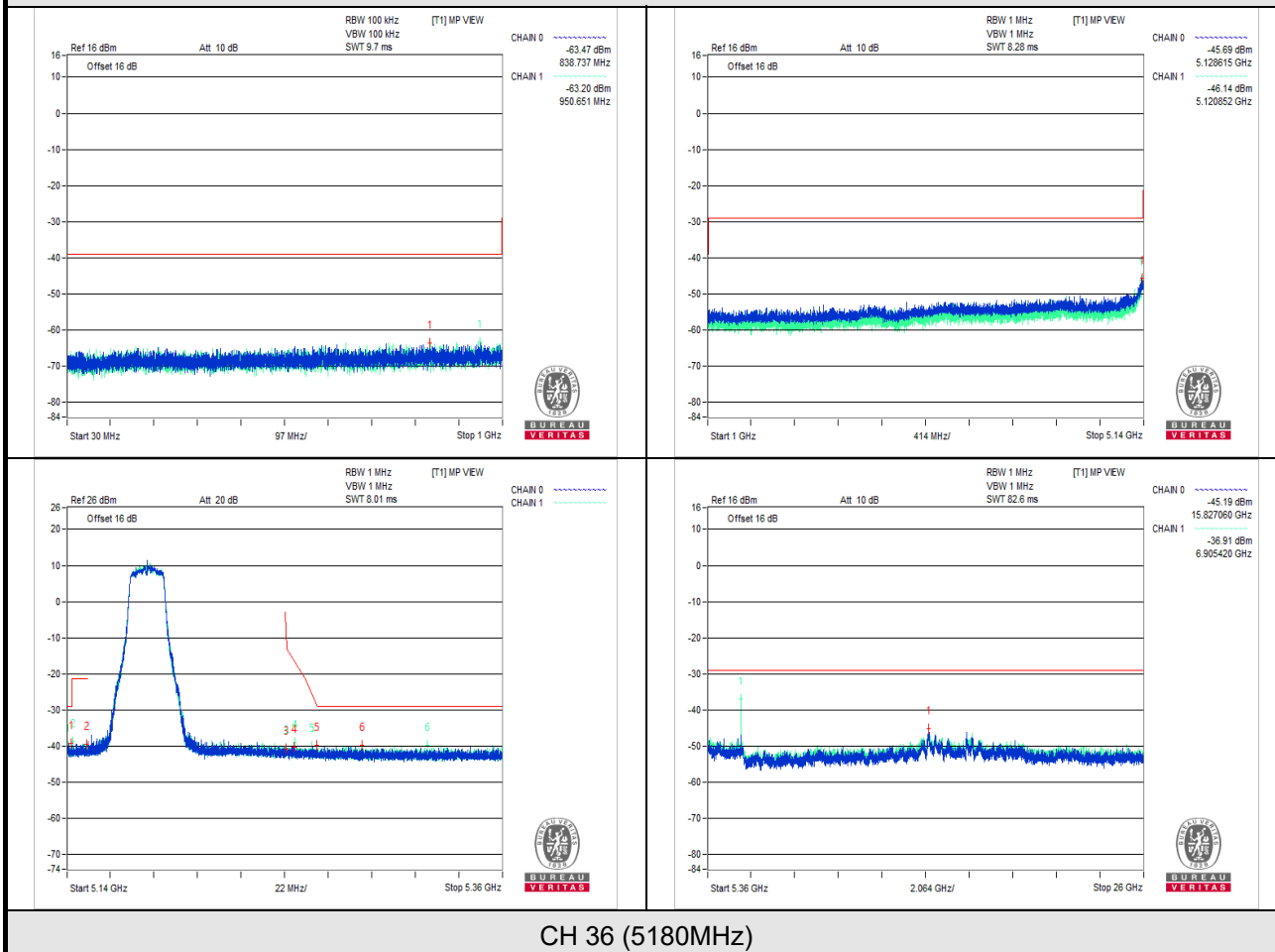
TEST CHANNEL		CH 36 (5180MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	950.651	0.000479	0.125	PASS
	1000.0 to 5140.0	5120.852	0.024322	1.25	PASS
	5140.0 to 5142.0	5140.165	0.099541	1.25	PASS
	5142.0 to 5150.0	5142.255	0.133660	7.5	PASS
	5250.0 to 5251.0	5250.605	0.088920	124.156655	PASS
	5251.0 to 5260.0	5255.087	0.124165	21.66113	PASS
	5260.0 to 5266.7	5263.530	0.098175	2.994968	PASS
	5266.7 to 5360.0	5322.242	0.106170	1.25	PASS
	5360.0 to 26000.0	6905.420	0.203704	1.25	PASS
V_{max.}	30.0 to 1000.0	977.083	0.000446	0.125	PASS
	1000.0 to 5140.0	5139.482	0.019634	1.25	PASS
	5140.0 to 5142.0	5141.072	0.107152	1.25	PASS
	5142.0 to 5150.0	5148.167	0.116681	7.5	PASS
	5250.0 to 5251.0	5250.247	0.111944	283.119645	PASS
	5251.0 to 5260.0	5253.080	0.098401	32.664884	PASS
	5260.0 to 5266.7	5266.445	0.106414	1.341023	PASS
	5266.7 to 5360.0	5355.792	0.114551	1.25	PASS
	5360.0 to 26000.0	6905.420	0.182810	1.25	PASS
V_{min.}	30.0 to 1000.0	899.726	0.000520	0.125	PASS
	1000.0 to 5140.0	5133.790	0.022131	1.25	PASS
	5140.0 to 5142.0	5141.787	0.107895	1.25	PASS
	5142.0 to 5150.0	5143.547	0.125026	7.5	PASS
	5250.0 to 5251.0	5250.220	0.092683	301.279793	PASS
	5251.0 to 5260.0	5254.400	0.095940	24.931464	PASS
	5260.0 to 5266.7	5265.950	0.095499	1.537067	PASS
	5266.7 to 5360.0	5305.467	0.130617	1.25	PASS
	5360.0 to 26000.0	6905.420	0.182390	1.25	PASS

TEST CHANNEL		CH 48 (5240MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	897.665	0.000443	0.125	PASS
	1000.0 to 5140.0	5089.285	0.014256	1.25	PASS
	5140.0 to 5142.0	5141.182	0.094624	1.25	PASS
	5142.0 to 5150.0	5146.242	0.105439	7.5	PASS
	5250.0 to 5251.0	5250.000	79.432823	500.000001	PASS
	5251.0 to 5260.0	5251.017	24.210290	49.826329	PASS
	5260.0 to 5266.7	5261.577	0.128233	5.130818	PASS
	5266.7 to 5360.0	5278.077	0.127644	1.25	PASS
	5360.0 to 26000.0	6985.400	0.216272	1.25	PASS
V_{max.}	30.0 to 1000.0	450.980	0.000532	0.125	PASS
	1000.0 to 5140.0	5115.677	0.013804	1.25	PASS
	5140.0 to 5142.0	5141.292	0.109901	1.25	PASS
	5142.0 to 5150.0	5145.527	0.092683	7.5	PASS
	5250.0 to 5251.0	5250.165	61.801640	341.955824	PASS
	5251.0 to 5260.0	5251.000	26.242185	50	PASS
	5260.0 to 5266.7	5263.475	0.106660	3.040718	PASS
	5266.7 to 5360.0	5284.650	0.116950	1.25	PASS
	5360.0 to 26000.0	6985.400	0.213304	1.25	PASS
V_{min.}	30.0 to 1000.0	867.473	0.000461	0.125	PASS
	1000.0 to 5140.0	5100.152	0.009908	1.25	PASS
	5140.0 to 5142.0	5140.082	0.081096	1.25	PASS
	5142.0 to 5150.0	5143.162	0.103753	7.5	PASS
	5250.0 to 5251.0	5250.000	87.700082	500.000001	PASS
	5251.0 to 5260.0	5251.017	19.769696	49.826329	PASS
	5260.0 to 5266.7	5260.340	0.098855	7.215534	PASS
	5266.7 to 5360.0	5309.042	0.119124	1.25	PASS
	5360.0 to 26000.0	6985.400	0.237684	1.25	PASS

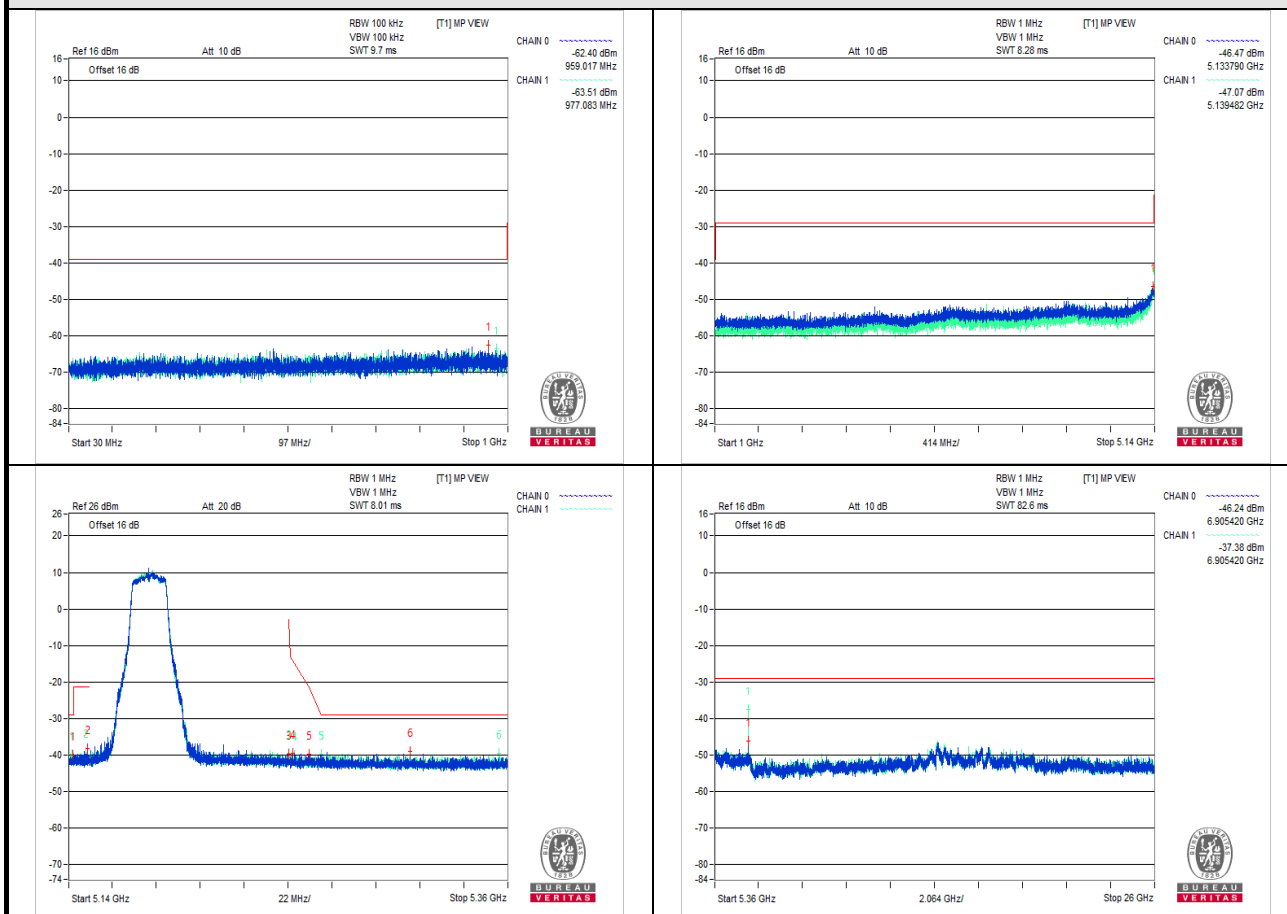
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

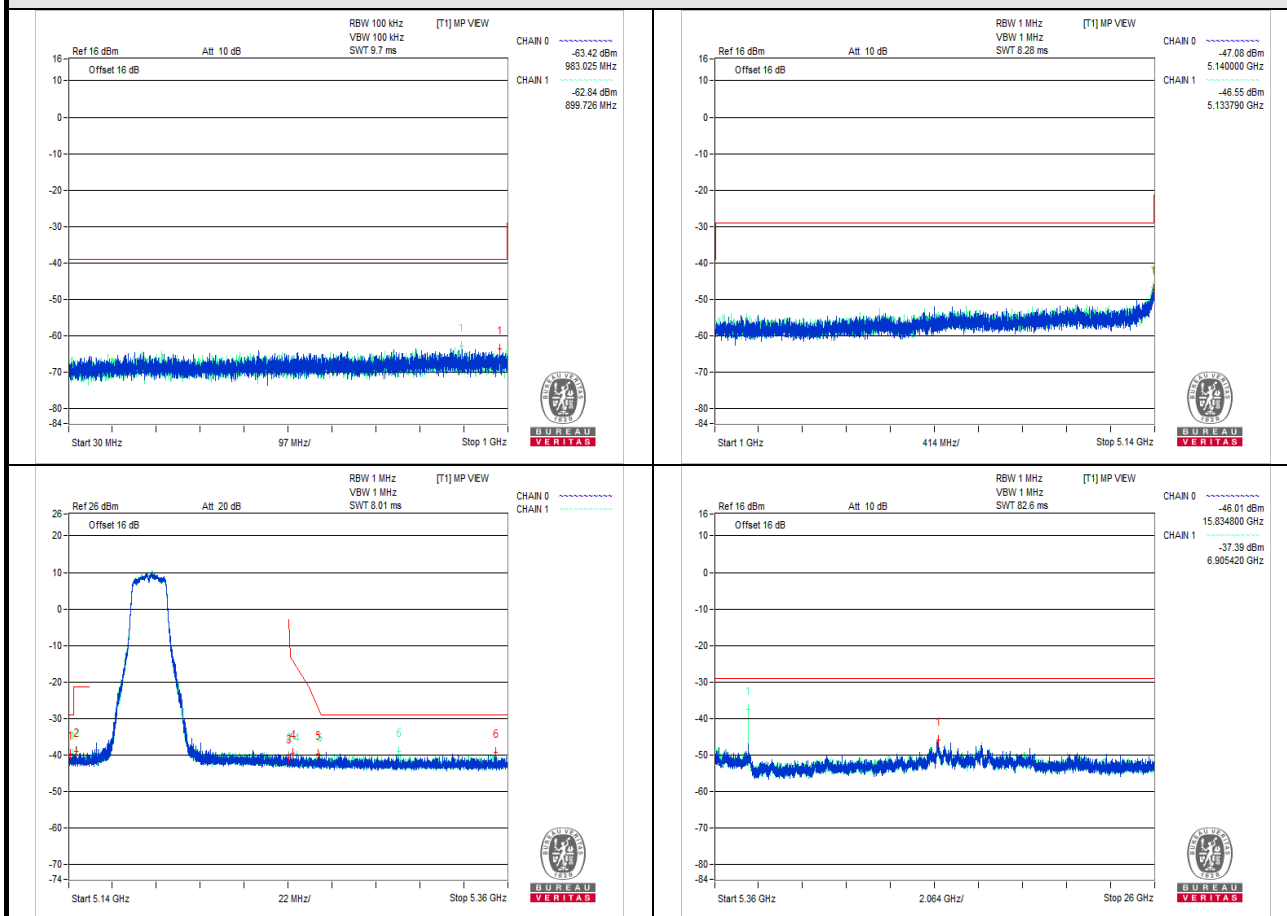


V_{max}.



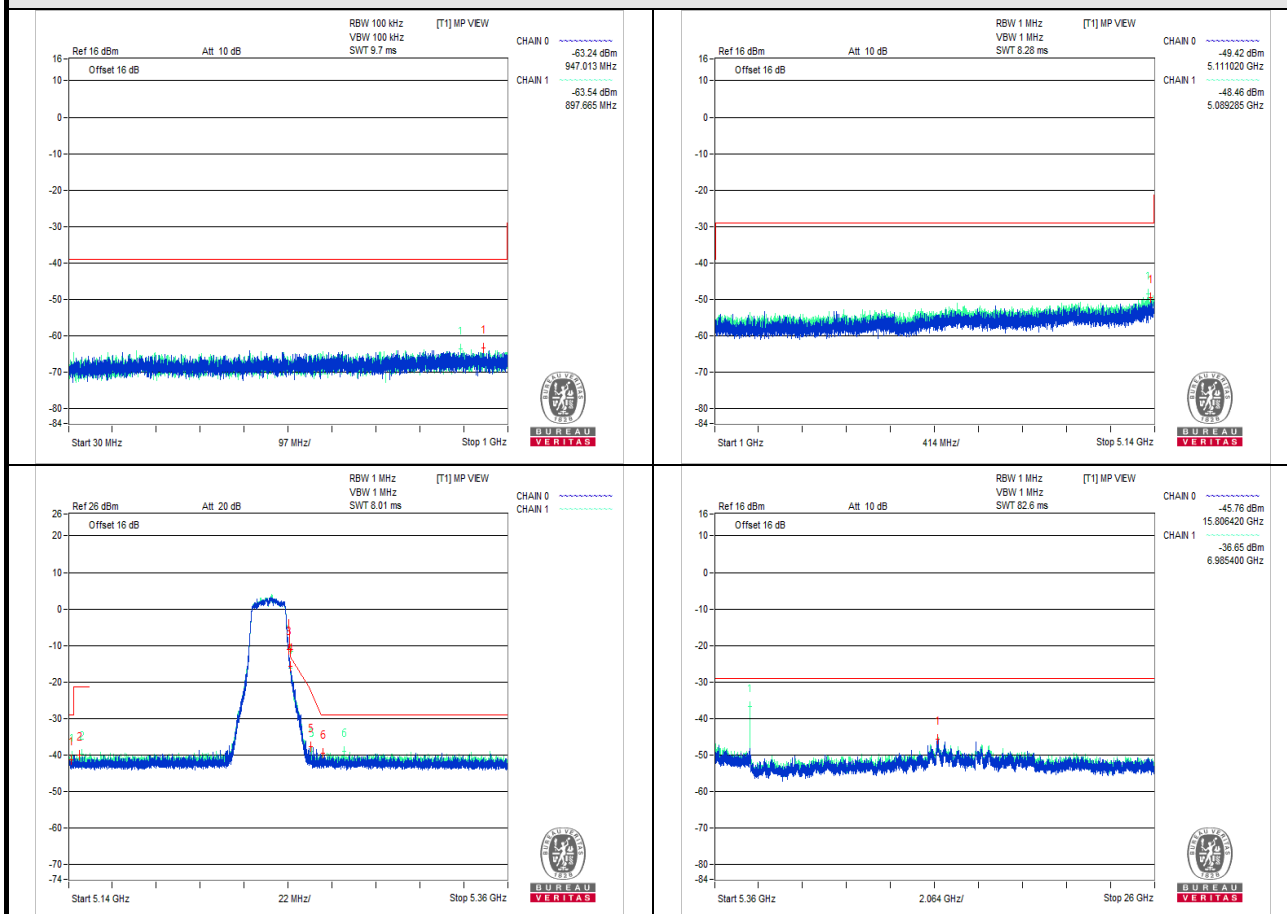
CH 36 (5180MHz)

V min.



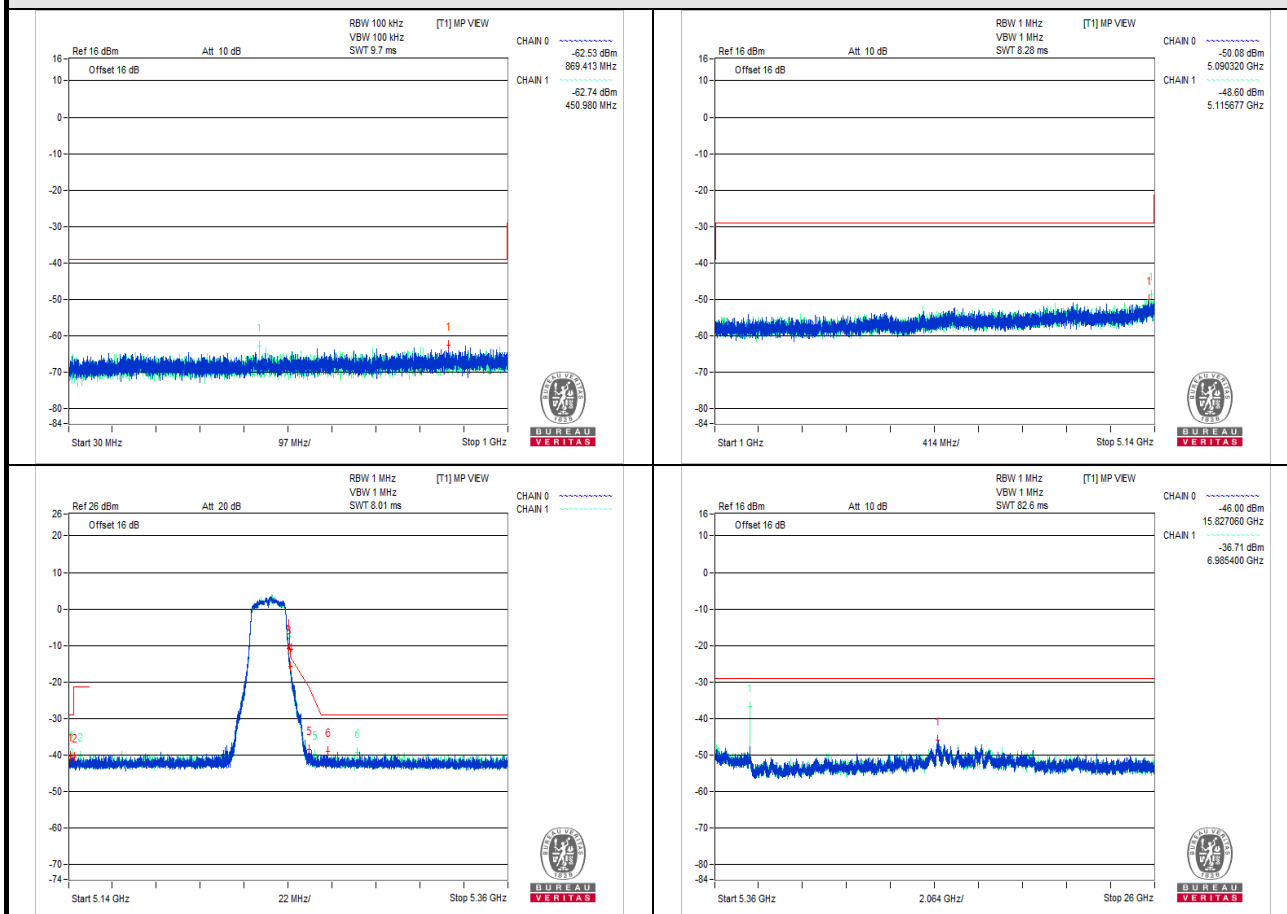
CH 36 (5180MHz)

Vnormal



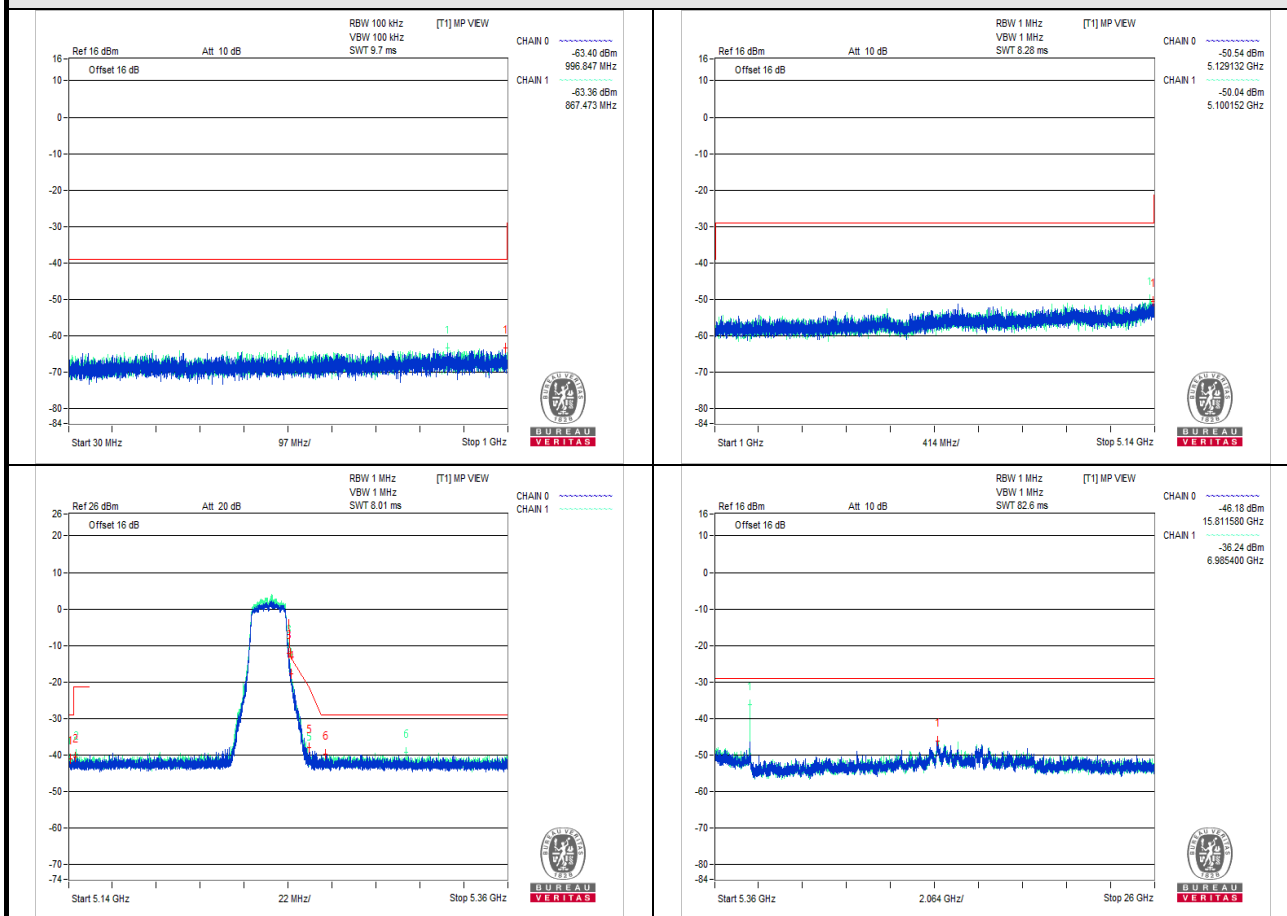
CH 48 (5240MHz)

V_{max}.



CH 48 (5240MHz)

V min.



CH 48 (5240MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 36 (5180MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000958	0.25	PASS
	1000.0 to 5140.0	0.053954	2.5	PASS
	5140.0 to 5142.0	0.241562	2.5	PASS
	5142.0 to 5150.0	0.267320	15	PASS
	5250.0 to 5251.0	0.177840	248.31331	PASS
	5251.0 to 5260.0	0.248330	43.32226	PASS
	5260.0 to 5266.7	0.212340	2.96021	PASS
	5266.7 to 5360.0	0.212340	2.5	PASS
	5360.0 to 26000.0	0.407408	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001150	0.25	PASS
	1000.0 to 5140.0	0.045084	2.5	PASS
	5140.0 to 5142.0	0.214304	2.5	PASS
	5142.0 to 5150.0	0.299936	15	PASS
	5250.0 to 5251.0	0.223888	566.23929	PASS
	5251.0 to 5260.0	0.231756	80.4637	PASS
	5260.0 to 5266.7	0.215790	14.765032	PASS
	5266.7 to 5360.0	0.250628	2.5	PASS
	5360.0 to 26000.0	0.365620	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001040	0.25	PASS
	1000.0 to 5140.0	0.044262	2.5	PASS
	5140.0 to 5142.0	0.215790	2.5	PASS
	5142.0 to 5150.0	0.252948	15	PASS
	5250.0 to 5251.0	0.185366	602.559586	PASS
	5251.0 to 5260.0	0.222858	74.366574	PASS
	5260.0 to 5266.7	0.218288	3.977884	PASS
	5266.7 to 5360.0	0.261234	2.5	PASS
	5360.0 to 26000.0	0.364780	2.5	PASS

TEST CHANNEL		CH 48 (5240MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000948	0.25	PASS
	1000.0 to 5140.0	0.028512	2.5	PASS
	5140.0 to 5142.0	0.189248	2.5	PASS
	5142.0 to 5150.0	0.210878	15	PASS
	5250.0 to 5251.0	159.231870	881.048874	PASS
	5251.0 to 5260.0	48.420580	99.652658	PASS
	5260.0 to 5266.7	0.331918	11.23883	PASS
	5266.7 to 5360.0	0.255288	2.5	PASS
	5360.0 to 26000.0	0.432544	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001116	0.25	PASS
	1000.0 to 5140.0	0.027608	2.5	PASS
	5140.0 to 5142.0	0.219802	2.5	PASS
	5142.0 to 5150.0	0.185366	15	PASS
	5250.0 to 5251.0	163.316474	1000.000002	PASS
	5251.0 to 5260.0	52.484370	100	PASS
	5260.0 to 5266.7	0.279274	14.324064	PASS
	5266.7 to 5360.0	0.250628	2.5	PASS
	5360.0 to 26000.0	0.426608	2.5	PASS
	30.0 to 1000.0	0.000922	0.25	PASS
	1000.0 to 5140.0	0.019816	2.5	PASS
	5140.0 to 5142.0	0.162192	2.5	PASS
	5142.0 to 5150.0	0.207506	15	PASS
	5250.0 to 5251.0	175.400164	1000.000002	PASS
	5251.0 to 5260.0	39.539392	99.652658	PASS
	5260.0 to 5266.7	0.318442	14.651514	PASS
	5266.7 to 5360.0	0.238248	2.5	PASS
	5360.0 to 26000.0	0.475368	2.5	PASS
V_{min.}	30.0 to 1000.0	0.000922	0.25	PASS
	1000.0 to 5140.0	0.019816	2.5	PASS
	5140.0 to 5142.0	0.162192	2.5	PASS
	5142.0 to 5150.0	0.207506	15	PASS
	5250.0 to 5251.0	175.400164	1000.000002	PASS
	5251.0 to 5260.0	39.539392	99.652658	PASS
	5260.0 to 5266.7	0.318442	14.651514	PASS
	5266.7 to 5360.0	0.238248	2.5	PASS
	5360.0 to 26000.0	0.475368	2.5	PASS

W53 Band:
802.11ac (VHT20)
Chain 0

TEST CHANNEL		CH 52 (5260MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	516.697	0.000447	0.125	PASS
	1000.0 to 5140.0	5093.425	0.007925	1.25	PASS
	5140.0 to 5233.3	5232.015	0.139316	1.25	PASS
	5233.3 to 5240.0	5239.880	0.255859	7.666634	PASS
	5240.0 to 5249.0	5248.955	15.667511	49.541597	PASS
	5249.0 to 5250.0	5249.890	56.363766	388.123559	PASS
	5350.0 to 5360.0	5354.885	0.077804	1.25	PASS
	5360.0 to 26000.0	15790.940	0.020277	1.25	PASS
V_{max.}	30.0 to 1000.0	967.383	0.000462	0.125	PASS
	1000.0 to 5140.0	5137.930	0.009441	1.25	PASS
	5140.0 to 5233.3	5221.097	0.102329	1.25	PASS
	5233.3 to 5240.0	5239.412	0.188799	6.738764	PASS
	5240.0 to 5249.0	5248.900	15.667511	48.987031	PASS
	5249.0 to 5250.0	5249.917	47.206304	413.018975	PASS
	5350.0 to 5360.0	5358.295	0.095280	1.25	PASS
	5360.0 to 26000.0	17891.060	0.022284	1.25	PASS
V_{min.}	30.0 to 1000.0	882.872	0.000597	0.125	PASS
	1000.0 to 5140.0	5137.412	0.007709	1.25	PASS
	5140.0 to 5233.3	5231.712	0.118850	1.25	PASS
	5233.3 to 5240.0	5238.450	0.171002	5.169146	PASS
	5240.0 to 5249.0	5248.955	16.106456	49.541597	PASS
	5249.0 to 5250.0	5250.000	49.431069	500.000001	PASS
	5350.0 to 5360.0	5356.150	0.105682	1.25	PASS
	5360.0 to 26000.0	15816.740	0.025468	1.25	PASS

TEST CHANNEL		CH 64 (5320MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	644.252	0.000416	0.125	PASS
	1000.0 to 5140.0	5106.362	0.008375	1.25	PASS
	5140.0 to 5233.3	5163.705	0.115080	1.25	PASS
	5233.3 to 5240.0	5235.425	0.089743	2.245405	PASS
	5240.0 to 5249.0	5242.905	0.095499	14.361249	PASS
	5249.0 to 5250.0	5249.230	0.077446	84.912183	PASS
	5350.0 to 5360.0	5359.862	0.176604	1.25	PASS
	5360.0 to 26000.0	5360.000	0.026546	1.25	PASS
V_{max.}	30.0 to 1000.0	776.051	0.000455	0.125	PASS
	1000.0 to 5140.0	5134.307	0.007727	1.25	PASS
	5140.0 to 5233.3	5147.260	0.098855	1.25	PASS
	5233.3 to 5240.0	5239.412	0.080168	6.738764	PASS
	5240.0 to 5249.0	5245.627	0.091622	25.069622	PASS
	5249.0 to 5250.0	5249.477	0.082414	149.958126	PASS
	5350.0 to 5360.0	5356.810	0.118032	1.25	PASS
	5360.0 to 26000.0	5360.000	0.026730	1.25	PASS
V_{min.}	30.0 to 1000.0	985.813	0.000375	0.125	PASS
	1000.0 to 5140.0	5129.650	0.007482	1.25	PASS
	5140.0 to 5233.3	5221.950	0.115345	1.25	PASS
	5233.3 to 5240.0	5238.257	0.096828	4.901338	PASS
	5240.0 to 5249.0	5242.850	0.090991	14.20049	PASS
	5249.0 to 5250.0	5249.037	0.070632	54.446505	PASS
	5350.0 to 5360.0	5350.100	0.115878	1.25	PASS
	5360.0 to 26000.0	5367.740	0.034041	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

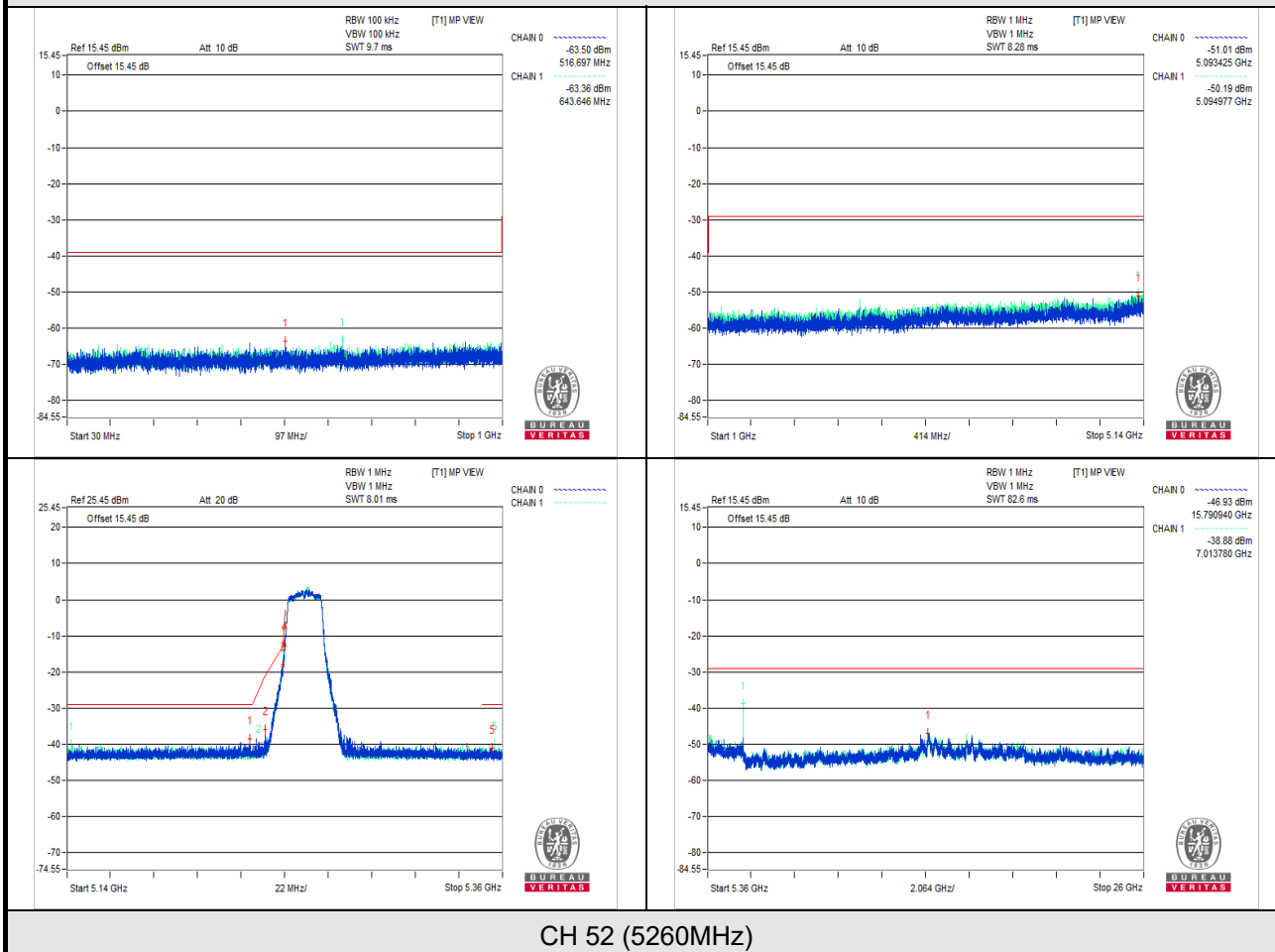
TEST CHANNEL		CH 52 (5260MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	643.646	0.000461	0.125	PASS
	1000.0 to 5140.0	5094.977	0.009572	1.25	PASS
	5140.0 to 5233.3	5141.567	0.096828	1.25	PASS
	5233.3 to 5240.0	5236.607	0.083176	3.11023	PASS
	5240.0 to 5249.0	5248.982	14.321879	49.816132	PASS
	5249.0 to 5250.0	5250.000	51.760683	500.000001	PASS
	5350.0 to 5360.0	5356.232	0.100462	1.25	PASS
	5360.0 to 26000.0	7013.780	0.129420	1.25	PASS
V_{max.}	30.0 to 1000.0	892.815	0.000417	0.125	PASS
	1000.0 to 5140.0	5136.377	0.010568	1.25	PASS
	5140.0 to 5233.3	5197.832	0.097051	1.25	PASS
	5233.3 to 5240.0	5238.670	0.080168	5.492311	PASS
	5240.0 to 5249.0	5248.900	20.044720	48.987031	PASS
	5249.0 to 5250.0	5250.000	45.498806	500.000001	PASS
	5350.0 to 5360.0	5352.822	0.082414	1.25	PASS
	5360.0 to 26000.0	7011.200	0.143219	1.25	PASS
V_{min.}	30.0 to 1000.0	647.768	0.000508	0.125	PASS
	1000.0 to 5140.0	5074.277	0.009078	1.25	PASS
	5140.0 to 5233.3	5211.775	0.120504	1.25	PASS
	5233.3 to 5240.0	5238.367	0.080168	5.052227	PASS
	5240.0 to 5249.0	5248.790	16.032454	47.896451	PASS
	5249.0 to 5250.0	5249.945	42.364297	440.524437	PASS
	5350.0 to 5360.0	5357.992	0.080353	1.25	PASS
	5360.0 to 26000.0	7011.200	0.123595	1.25	PASS

TEST CHANNEL		CH 64 (5320MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	881.660	0.000415	0.125	PASS
	1000.0 to 5140.0	5127.062	0.010069	1.25	PASS
	5140.0 to 5233.3	5205.697	0.092257	1.25	PASS
	5233.3 to 5240.0	5236.855	0.082985	3.330279	PASS
	5240.0 to 5249.0	5241.255	0.086099	10.245321	PASS
	5249.0 to 5250.0	5249.807	0.084918	320.604789	PASS
	5350.0 to 5360.0	5357.140	0.137088	1.25	PASS
	5360.0 to 26000.0	7091.180	0.072444	1.25	PASS
V_{max.}	30.0 to 1000.0	827.582	0.000380	0.125	PASS
	1000.0 to 5140.0	5090.320	0.007943	1.25	PASS
	5140.0 to 5233.3	5216.285	0.107895	1.25	PASS
	5233.3 to 5240.0	5235.177	0.088920	2.097039	PASS
	5240.0 to 5249.0	5240.485	0.091833	8.751472	PASS
	5249.0 to 5250.0	5249.862	0.083753	363.889903	PASS
	5350.0 to 5360.0	5353.785	0.117490	1.25	PASS
	5360.0 to 26000.0	7093.760	0.082035	1.25	PASS
V_{min.}	30.0 to 1000.0	902.151	0.000506	0.125	PASS
	1000.0 to 5140.0	5121.887	0.010233	1.25	PASS
	5140.0 to 5233.3	5191.370	0.101158	1.25	PASS
	5233.3 to 5240.0	5238.395	0.088308	5.091371	PASS
	5240.0 to 5249.0	5242.795	0.101859	14.041531	PASS
	5249.0 to 5250.0	5249.450	0.077090	140.919147	PASS
	5350.0 to 5360.0	5356.672	0.128233	1.25	PASS
	5360.0 to 26000.0	7093.760	0.078705	1.25	PASS

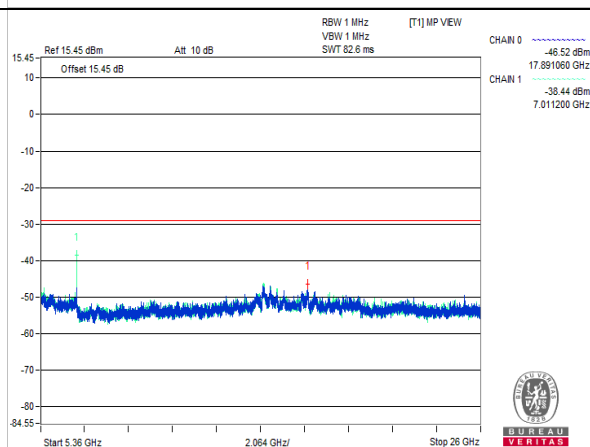
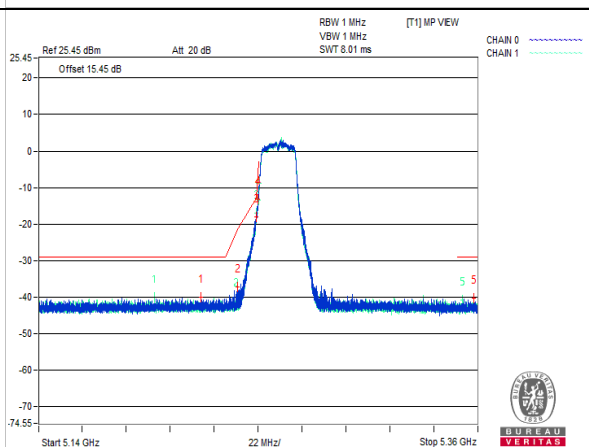
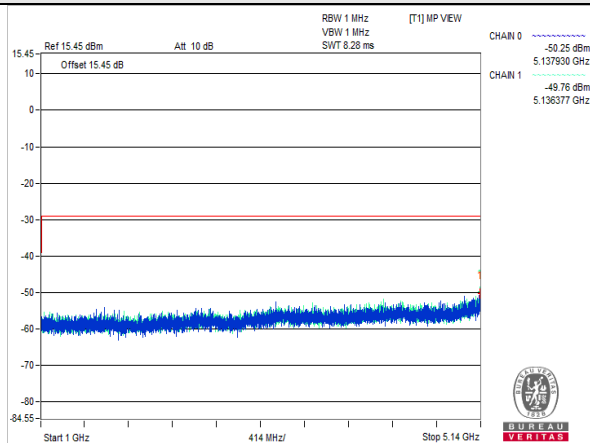
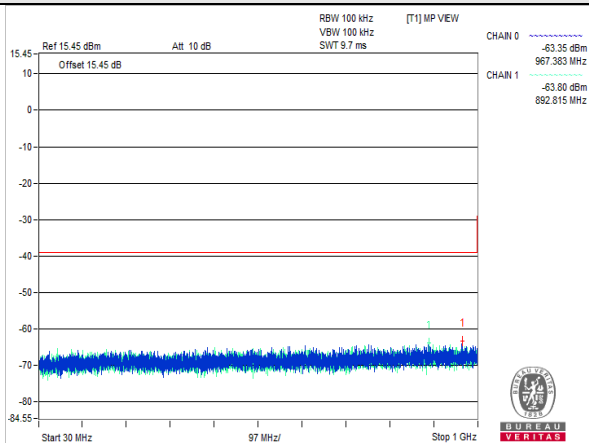
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

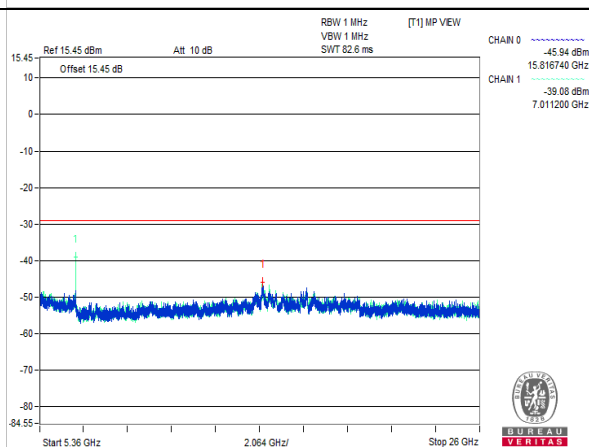
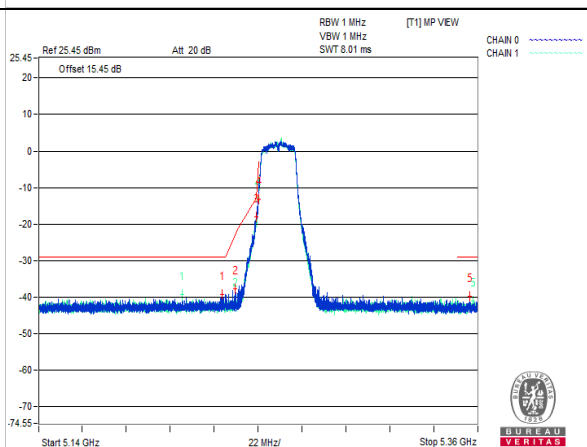
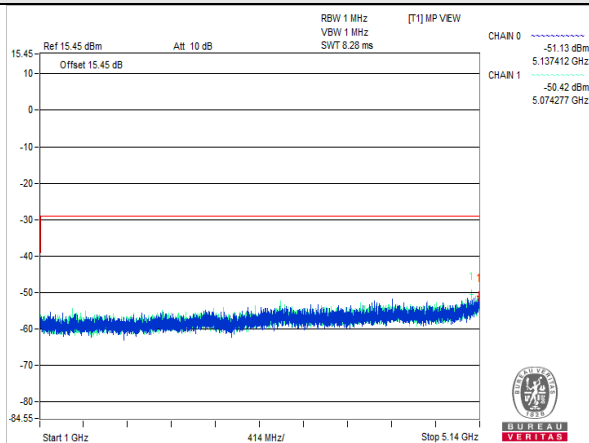
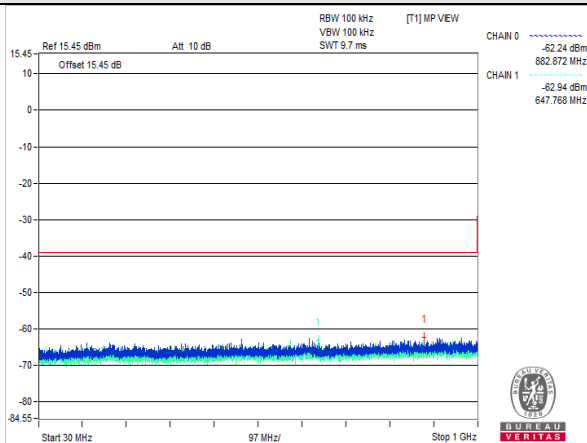


V_{max}.



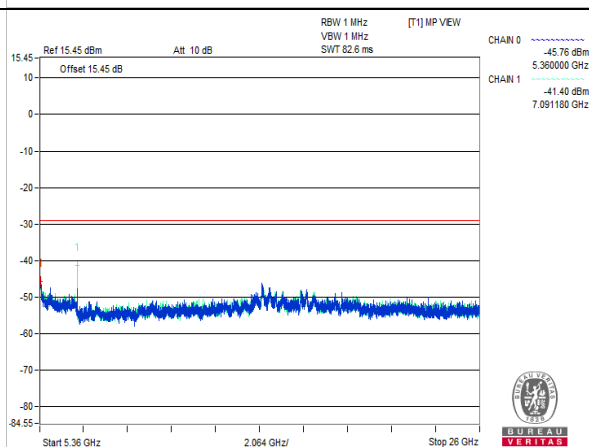
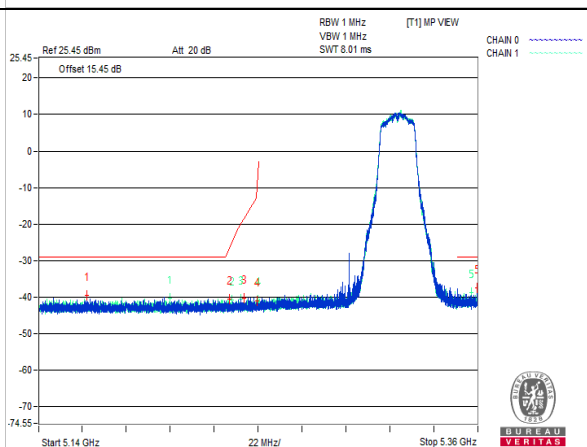
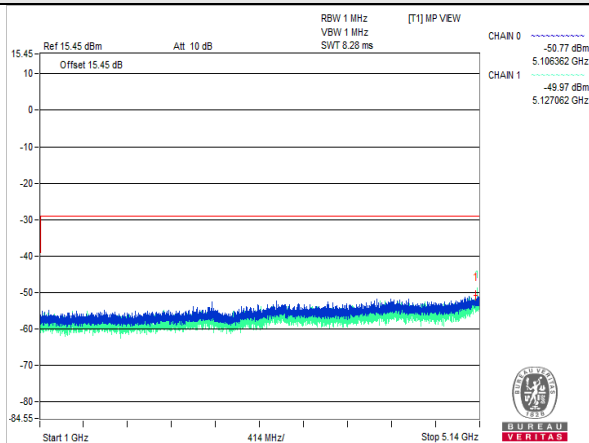
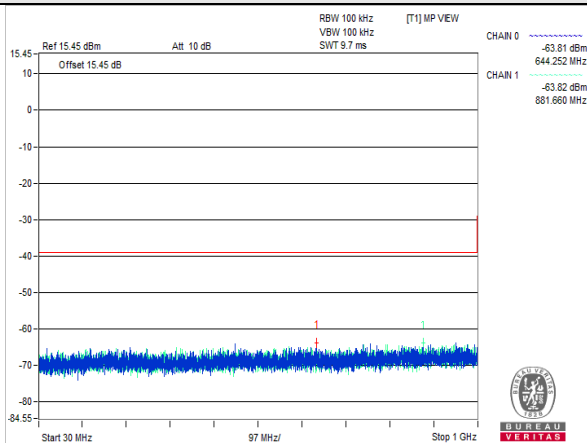
CH 52 (5260MHz)

V min.



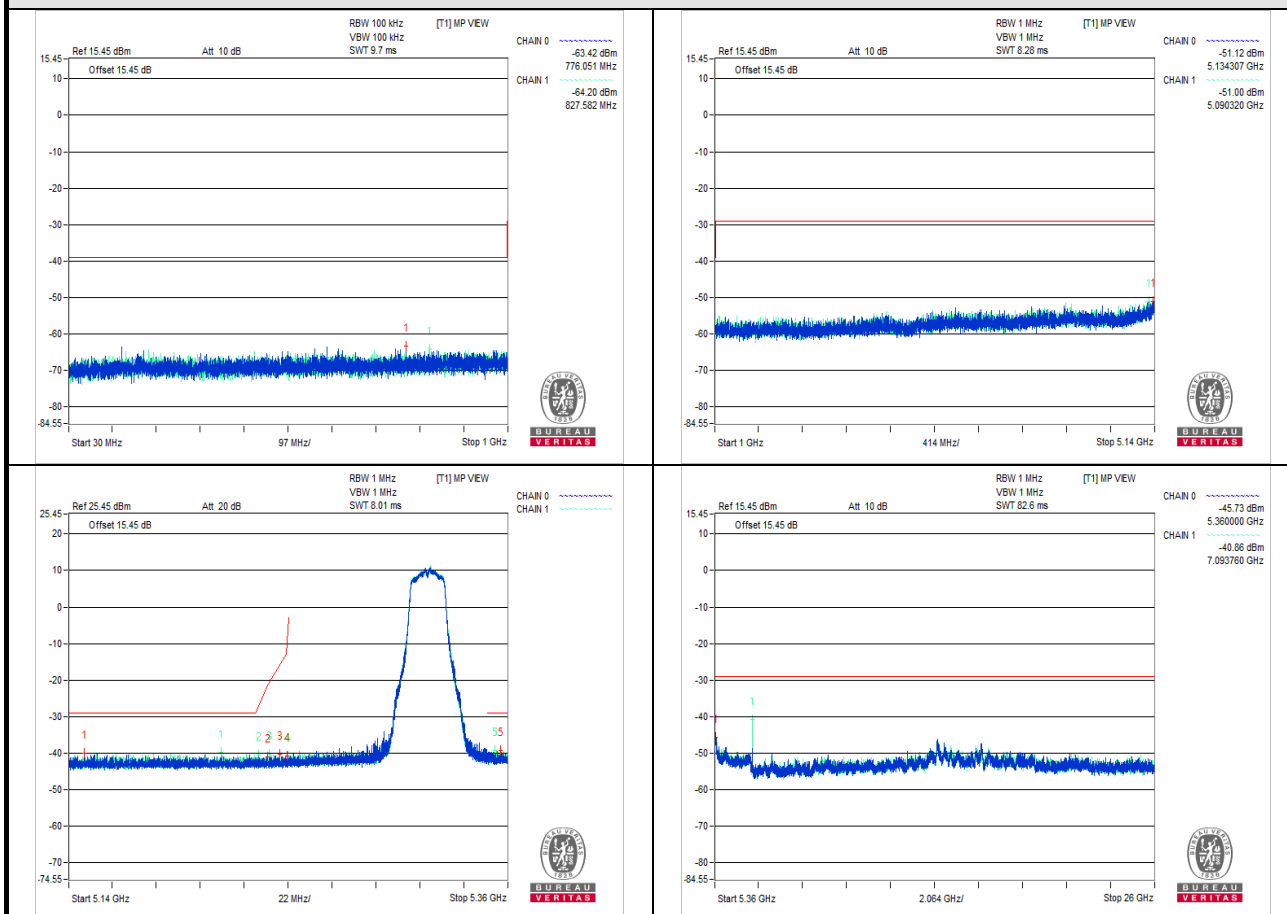
CH 52 (5260MHz)

Vnormal



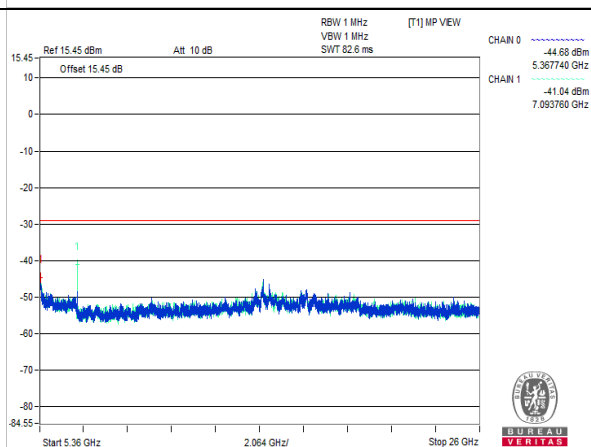
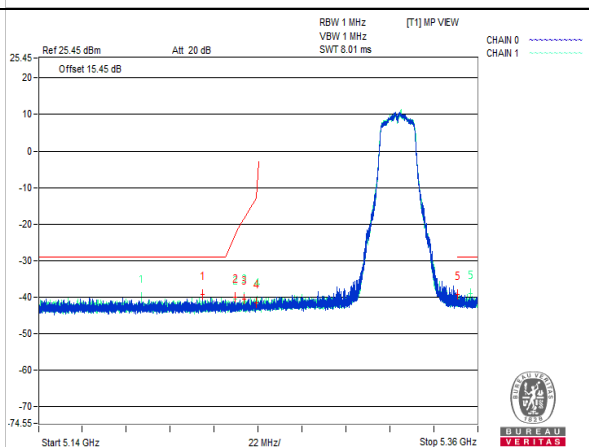
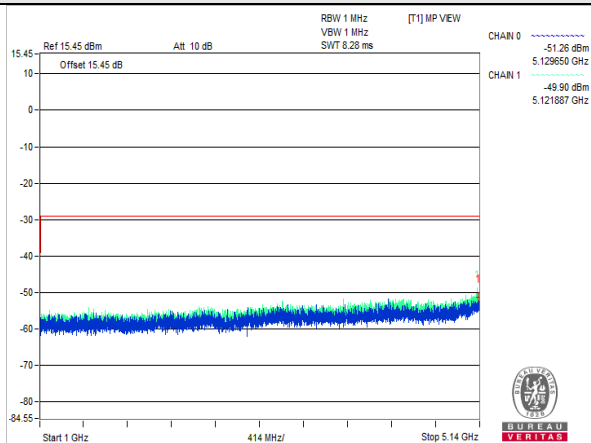
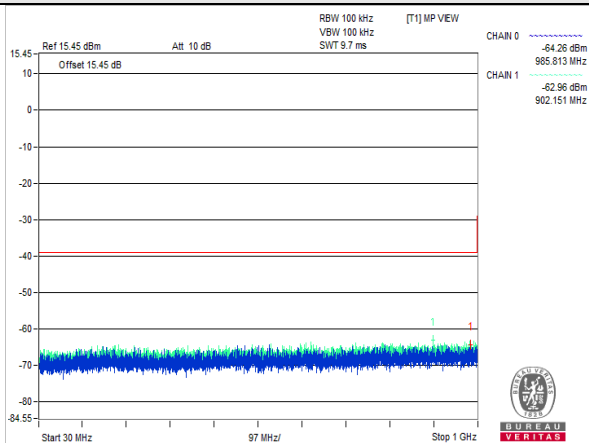
CH 64 (5320MHz)

V_{max}.



CH 64 (5320MHz)

V min.



CH 64 (5320MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 52 (5260MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000922	0.25	PASS
	1000.0 to 5140.0	0.019144	2.5	PASS
	5140.0 to 5233.3	0.278632	2.5	PASS
	5233.3 to 5240.0	0.511718	15.333268	PASS
	5240.0 to 5249.0	31.335022	99.083194	PASS
	5249.0 to 5250.0	112.727532	776.247118	PASS
	5350.0 to 5360.0	0.200924	2.5	PASS
	5360.0 to 26000.0	0.258840	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000924	0.25	PASS
	1000.0 to 5140.0	0.021136	2.5	PASS
	5140.0 to 5233.3	0.204658	2.5	PASS
	5233.3 to 5240.0	0.377598	13.477528	PASS
	5240.0 to 5249.0	40.089440	97.974062	PASS
	5249.0 to 5250.0	94.412608	826.03795	PASS
	5350.0 to 5360.0	0.190560	2.5	PASS
	5360.0 to 26000.0	0.286438	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001194	0.25	PASS
	1000.0 to 5140.0	0.018156	2.5	PASS
	5140.0 to 5233.3	0.241008	2.5	PASS
	5233.3 to 5240.0	0.342004	10.338292	PASS
	5240.0 to 5249.0	32.212912	99.083194	PASS
	5249.0 to 5250.0	98.862138	1000.000002	PASS
	5350.0 to 5360.0	0.211364	2.5	PASS
	5360.0 to 26000.0	0.247190	2.5	PASS

TEST CHANNEL		CH 64 (5320MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000832	0.25	PASS
	1000.0 to 5140.0	0.020138	2.5	PASS
	5140.0 to 5233.3	0.230160	2.5	PASS
	5233.3 to 5240.0	0.179486	4.49081	PASS
	5240.0 to 5249.0	0.190998	28.722498	PASS
	5249.0 to 5250.0	0.169836	641.209578	PASS
	5350.0 to 5360.0	0.353208	2.5	PASS
	5360.0 to 26000.0	0.144888	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000910	0.25	PASS
	1000.0 to 5140.0	0.015886	2.5	PASS
	5140.0 to 5233.3	0.215790	2.5	PASS
	5233.3 to 5240.0	0.177840	4.194078	PASS
	5240.0 to 5249.0	0.183666	17.502944	PASS
	5249.0 to 5250.0	0.167506	727.779806	PASS
	5350.0 to 5360.0	0.236064	2.5	PASS
	5360.0 to 26000.0	0.164070	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001012	0.25	PASS
	1000.0 to 5140.0	0.020466	2.5	PASS
	5140.0 to 5233.3	0.230690	2.5	PASS
	5233.3 to 5240.0	0.193656	9.802676	PASS
	5240.0 to 5249.0	0.203718	28.083062	PASS
	5249.0 to 5250.0	0.154180	281.838294	PASS
	5350.0 to 5360.0	0.256466	2.5	PASS
	5360.0 to 26000.0	0.157410	2.5	PASS

W56 Band:
802.11ac (VHT20)
Chain 0

TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	619.032	0.000519	0.125	PASS
	1000.0 to 5455.0	5455.000	0.054450	1.25	PASS
	5455.0 to 5460.0	5459.961	0.199526	1.25	PASS
	5460.0 to 5470.0	5461.260	0.237137	6.25	PASS
	5745.0 to 5765.0	5759.644	0.135207	6.25	PASS
	5765.0 to 5770.0	5767.716	0.128825	1.25	PASS
	5770.0 to 26000.0	15781.321	0.022542	1.25	PASS
V_{max.}	30.0 to 1000.0	860.441	0.000579	0.125	PASS
	1000.0 to 5455.0	5454.443	0.073114	1.25	PASS
	5455.0 to 5460.0	5458.976	0.205116	1.25	PASS
	5460.0 to 5470.0	5469.017	0.221309	6.25	PASS
	5745.0 to 5765.0	5757.911	0.162181	6.25	PASS
	5765.0 to 5770.0	5766.259	0.133045	1.25	PASS
	5770.0 to 26000.0	15834.425	0.027416	1.25	PASS
V_{min.}	30.0 to 1000.0	983.388	0.000497	0.125	PASS
	1000.0 to 5455.0	5454.443	0.073961	1.25	PASS
	5455.0 to 5460.0	5456.141	0.169044	1.25	PASS
	5460.0 to 5470.0	5469.883	0.260615	6.25	PASS
	5745.0 to 5765.0	5747.044	0.156315	6.25	PASS
	5765.0 to 5770.0	5765.117	0.124165	1.25	PASS
	5770.0 to 26000.0	15839.482	0.022699	1.25	PASS

TEST CHANNEL		CH 120 (5600MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	959.502	0.000465	0.125	PASS
	1000.0 to 5455.0	5453.886	0.015488	1.25	PASS
	5455.0 to 5460.0	5455.708	0.108393	1.25	PASS
	5460.0 to 5470.0	5465.434	0.118577	6.25	PASS
	5745.0 to 5765.0	5751.769	0.143880	6.25	PASS
	5765.0 to 5770.0	5769.566	0.136458	1.25	PASS
	5770.0 to 26000.0	15801.551	0.025823	1.25	PASS
V_{max.}	30.0 to 1000.0	875.840	0.000548	0.125	PASS
	1000.0 to 5455.0	5378.151	0.017824	1.25	PASS
	5455.0 to 5460.0	5459.921	0.112202	1.25	PASS
	5460.0 to 5470.0	5462.599	0.126765	6.25	PASS
	5745.0 to 5765.0	5760.471	0.147571	6.25	PASS
	5765.0 to 5770.0	5765.000	0.136144	1.25	PASS
	5770.0 to 26000.0	15814.195	0.033963	1.25	PASS
V_{min.}	30.0 to 1000.0	894.997	0.000551	0.125	PASS
	1000.0 to 5455.0	5400.426	0.019815	1.25	PASS
	5455.0 to 5460.0	5459.764	0.107152	1.25	PASS
	5460.0 to 5470.0	5468.072	0.139316	6.25	PASS
	5745.0 to 5765.0	5754.998	0.158125	6.25	PASS
	5765.0 to 5770.0	5765.235	0.135519	1.25	PASS
	5770.0 to 26000.0	15829.367	0.048084	1.25	PASS

TEST CHANNEL		CH 140 (5700MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	968.596	0.000547	0.125	PASS
	1000.0 to 5455.0	5444.419	0.014555	1.25	PASS
	5455.0 to 5460.0	5459.882	0.110662	1.25	PASS
	5460.0 to 5470.0	5461.221	0.121060	6.25	PASS
	5745.0 to 5765.0	5745.272	0.290402	6.25	PASS
	5765.0 to 5770.0	5766.850	0.225944	1.25	PASS
	5770.0 to 26000.0	5770.000	0.050234	1.25	PASS
V_{max.}	30.0 to 1000.0	898.877	0.000479	0.125	PASS
	1000.0 to 5455.0	5385.390	0.011117	1.25	PASS
	5455.0 to 5460.0	5457.638	0.104954	1.25	PASS
	5460.0 to 5470.0	5466.773	0.130918	6.25	PASS
	5745.0 to 5765.0	5753.265	0.289068	6.25	PASS
	5765.0 to 5770.0	5766.377	0.304789	1.25	PASS
	5770.0 to 26000.0	5777.586	0.072611	1.25	PASS
V_{min.}	30.0 to 1000.0	978.660	0.000536	0.125	PASS
	1000.0 to 5455.0	5422.144	0.011220	1.25	PASS
	5455.0 to 5460.0	5459.213	0.095940	1.25	PASS
	5460.0 to 5470.0	5465.906	0.120504	6.25	PASS
	5745.0 to 5765.0	5750.666	0.286418	6.25	PASS
	5765.0 to 5770.0	5767.480	0.212324	1.25	PASS
	5770.0 to 26000.0	5772.528	0.065615	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

TEST CHANNEL		CH 100 (5500MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	796.906	0.000438	0.125	PASS
	1000.0 to 5455.0	5453.886	0.125314	1.25	PASS
	5455.0 to 5460.0	5456.693	0.255270	1.25	PASS
	5460.0 to 5470.0	5460.118	0.313329	6.25	PASS
	5745.0 to 5765.0	5748.973	0.151356	6.25	PASS
	5765.0 to 5770.0	5766.692	0.135519	1.25	PASS
	5770.0 to 26000.0	7332.767	0.045290	1.25	PASS
V_{max.}	30.0 to 1000.0	620.730	0.000653	0.125	PASS
	1000.0 to 5455.0	5453.886	0.114815	1.25	PASS
	5455.0 to 5460.0	5457.598	0.244906	1.25	PASS
	5460.0 to 5470.0	5468.820	0.309030	6.25	PASS
	5745.0 to 5765.0	5761.140	0.140605	6.25	PASS
	5765.0 to 5770.0	5766.101	0.156675	1.25	PASS
	5770.0 to 26000.0	7332.767	0.043053	1.25	PASS
V_{min.}	30.0 to 1000.0	890.390	0.000548	0.125	PASS
	1000.0 to 5455.0	5452.215	0.084918	1.25	PASS
	5455.0 to 5460.0	5458.268	0.230675	1.25	PASS
	5460.0 to 5470.0	5468.781	0.353997	6.25	PASS
	5745.0 to 5765.0	5752.556	0.134586	6.25	PASS
	5765.0 to 5770.0	5769.015	0.169824	1.25	PASS
	5770.0 to 26000.0	7332.767	0.051286	1.25	PASS

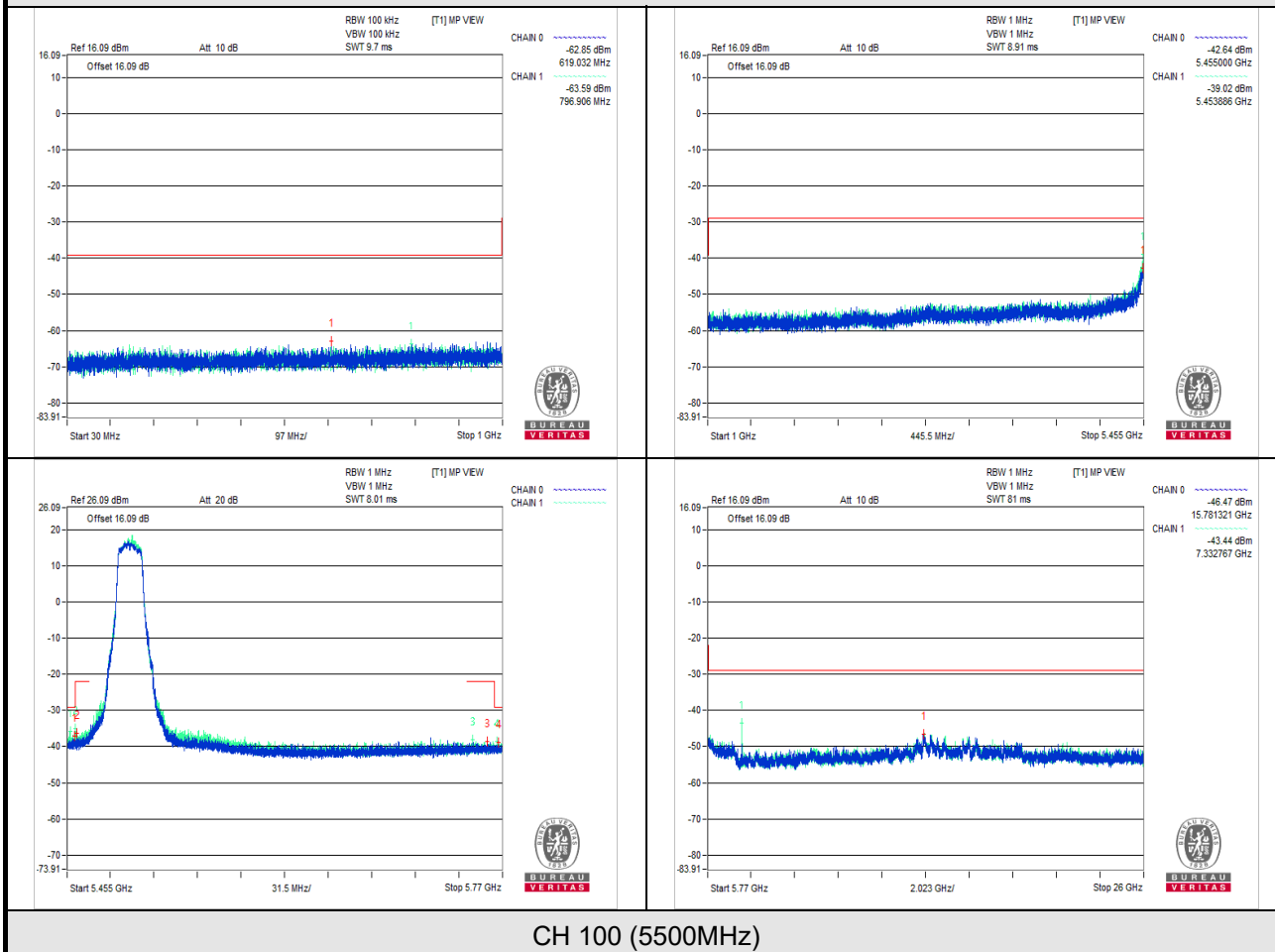
TEST CHANNEL		CH 120 (5600MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	885.418	0.000492	0.125	PASS
	1000.0 to 5455.0	5423.815	0.016181	1.25	PASS
	5455.0 to 5460.0	5456.417	0.105439	1.25	PASS
	5460.0 to 5470.0	5468.860	0.144212	6.25	PASS
	5745.0 to 5765.0	5749.564	0.139637	6.25	PASS
	5765.0 to 5770.0	5768.740	0.126183	1.25	PASS
	5770.0 to 26000.0	15778.792	0.031842	1.25	PASS
V_{max.}	30.0 to 1000.0	983.631	0.000512	0.125	PASS
	1000.0 to 5455.0	5365.343	0.018072	1.25	PASS
	5455.0 to 5460.0	5458.543	0.133045	1.25	PASS
	5460.0 to 5470.0	5468.545	0.138676	6.25	PASS
	5745.0 to 5765.0	5763.581	0.134586	6.25	PASS
	5765.0 to 5770.0	5766.416	0.137404	1.25	PASS
	5770.0 to 26000.0	15864.770	0.027227	1.25	PASS
V_{min.}	30.0 to 1000.0	872.930	0.000470	0.125	PASS
	1000.0 to 5455.0	5369.241	0.018793	1.25	PASS
	5455.0 to 5460.0	5459.134	0.099770	1.25	PASS
	5460.0 to 5470.0	5468.781	0.124451	6.25	PASS
	5745.0 to 5765.0	5763.148	0.167109	6.25	PASS
	5765.0 to 5770.0	5765.471	0.134276	1.25	PASS
	5770.0 to 26000.0	15831.896	0.026242	1.25	PASS

TEST CHANNEL		CH 140 (5700MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	988.723	0.000515	0.125	PASS
	1000.0 to 5455.0	5453.886	0.016144	1.25	PASS
	5455.0 to 5460.0	5455.433	0.118577	1.25	PASS
	5460.0 to 5470.0	5468.269	0.097275	6.25	PASS
	5745.0 to 5765.0	5753.541	0.266686	6.25	PASS
	5765.0 to 5770.0	5767.755	0.225944	1.25	PASS
	5770.0 to 26000.0	5775.057	0.053211	1.25	PASS
V_{max.}	30.0 to 1000.0	986.298	0.000561	0.125	PASS
	1000.0 to 5455.0	5431.054	0.017140	1.25	PASS
	5455.0 to 5460.0	5456.063	0.107647	1.25	PASS
	5460.0 to 5470.0	5465.395	0.120504	6.25	PASS
	5745.0 to 5765.0	5748.461	0.283139	6.25	PASS
	5765.0 to 5770.0	5768.818	0.219280	1.25	PASS
	5770.0 to 26000.0	5772.528	0.057943	1.25	PASS
V_{min.}	30.0 to 1000.0	980.600	0.000463	0.125	PASS
	1000.0 to 5455.0	5410.450	0.017179	1.25	PASS
	5455.0 to 5460.0	5455.708	0.111944	1.25	PASS
	5460.0 to 5470.0	5467.954	0.121060	6.25	PASS
	5745.0 to 5765.0	5756.809	0.263633	6.25	PASS
	5765.0 to 5770.0	5768.779	0.268534	1.25	PASS
	5770.0 to 26000.0	5770.000	0.053456	1.25	PASS

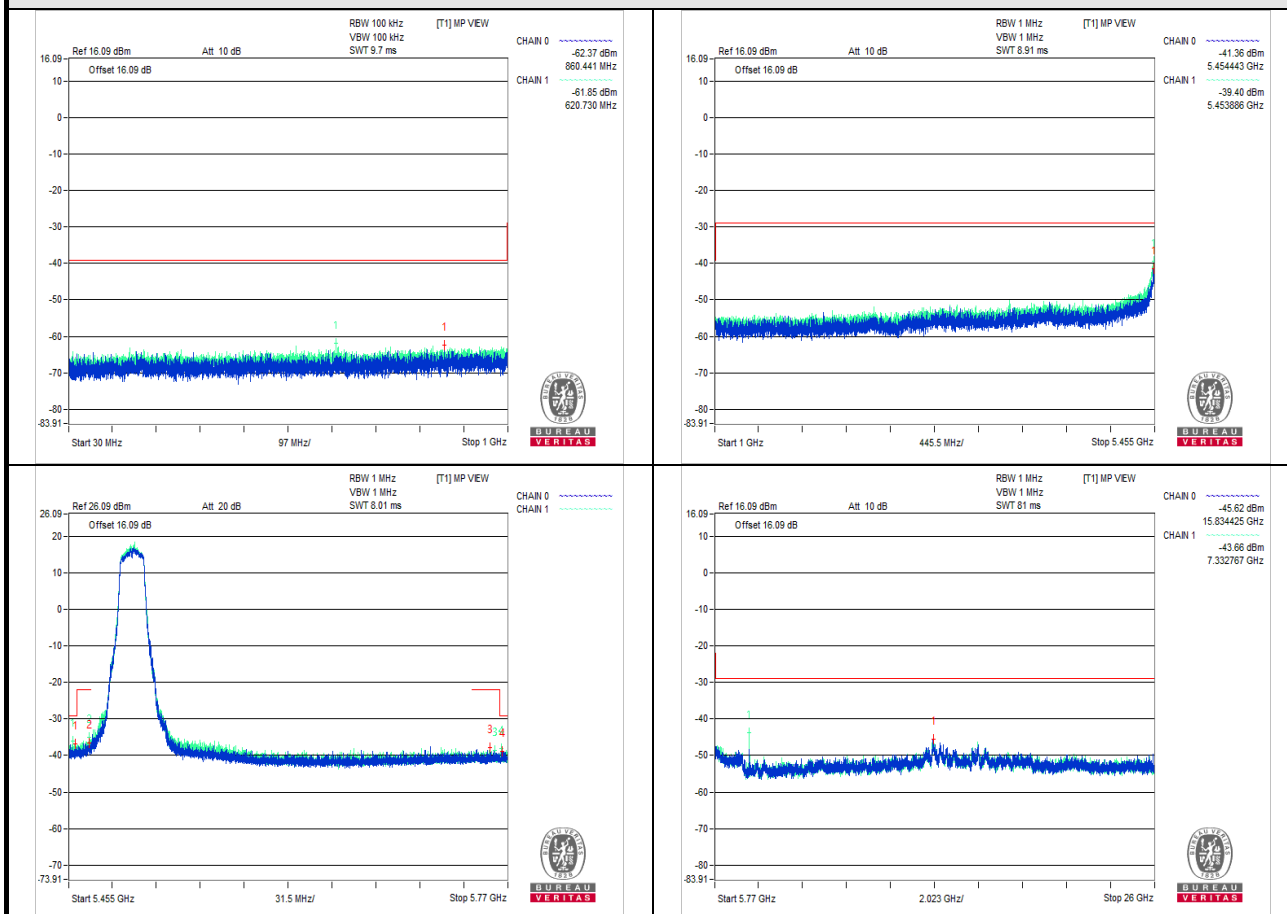
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

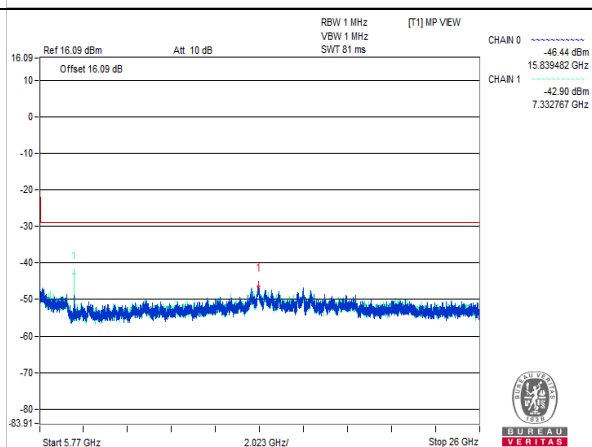
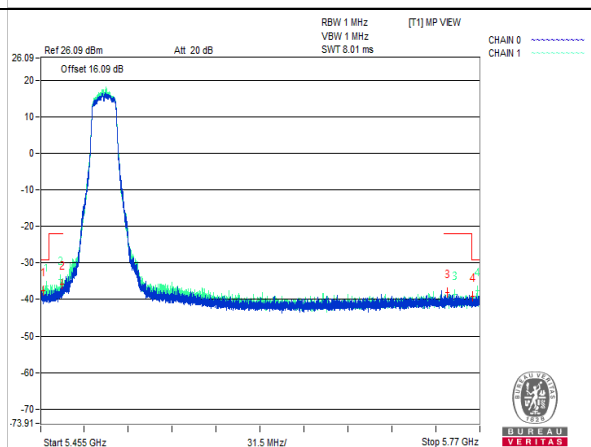
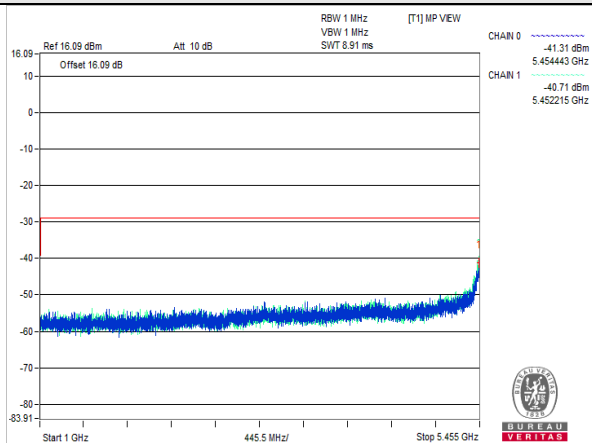
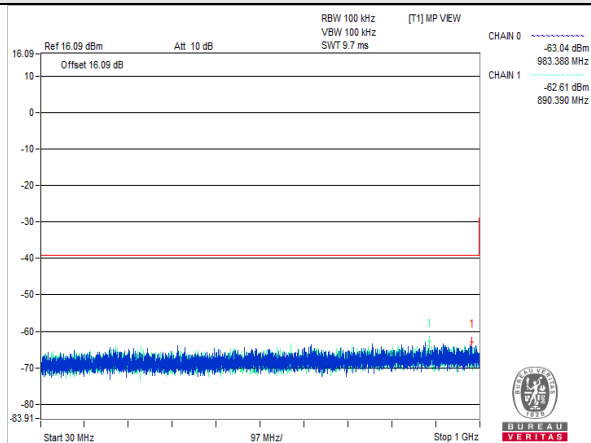


V_{max}.



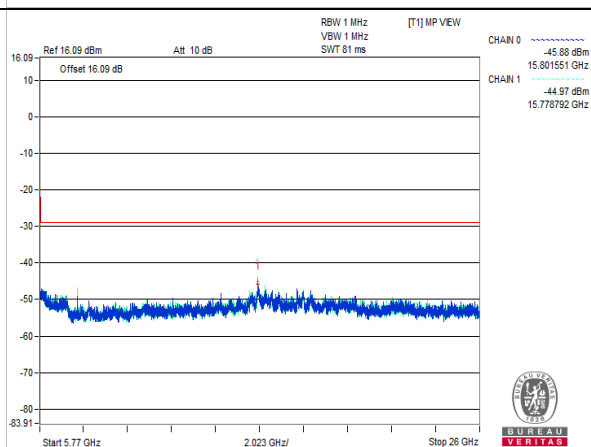
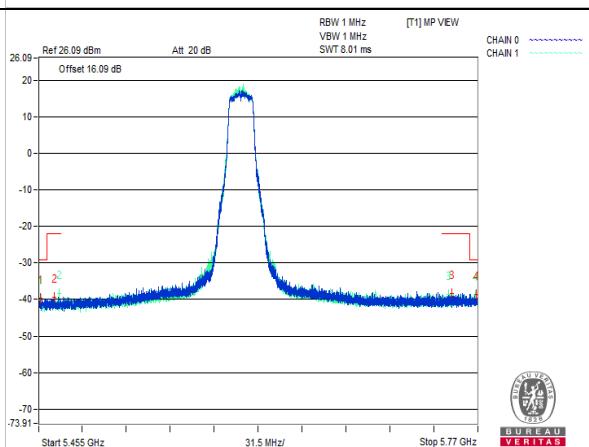
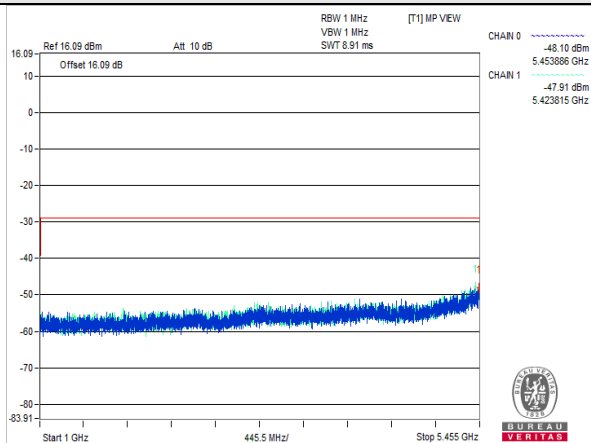
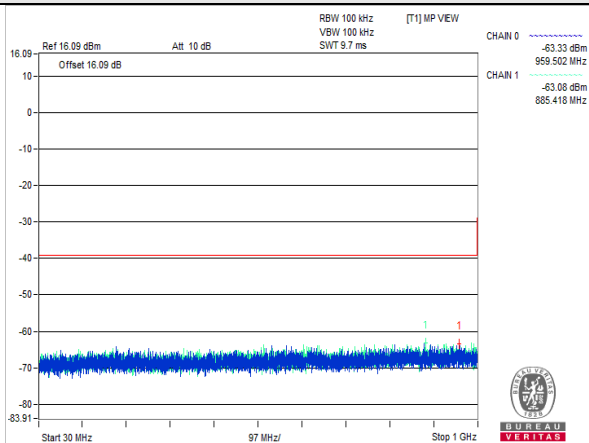
CH 100 (5500MHz)

V min.



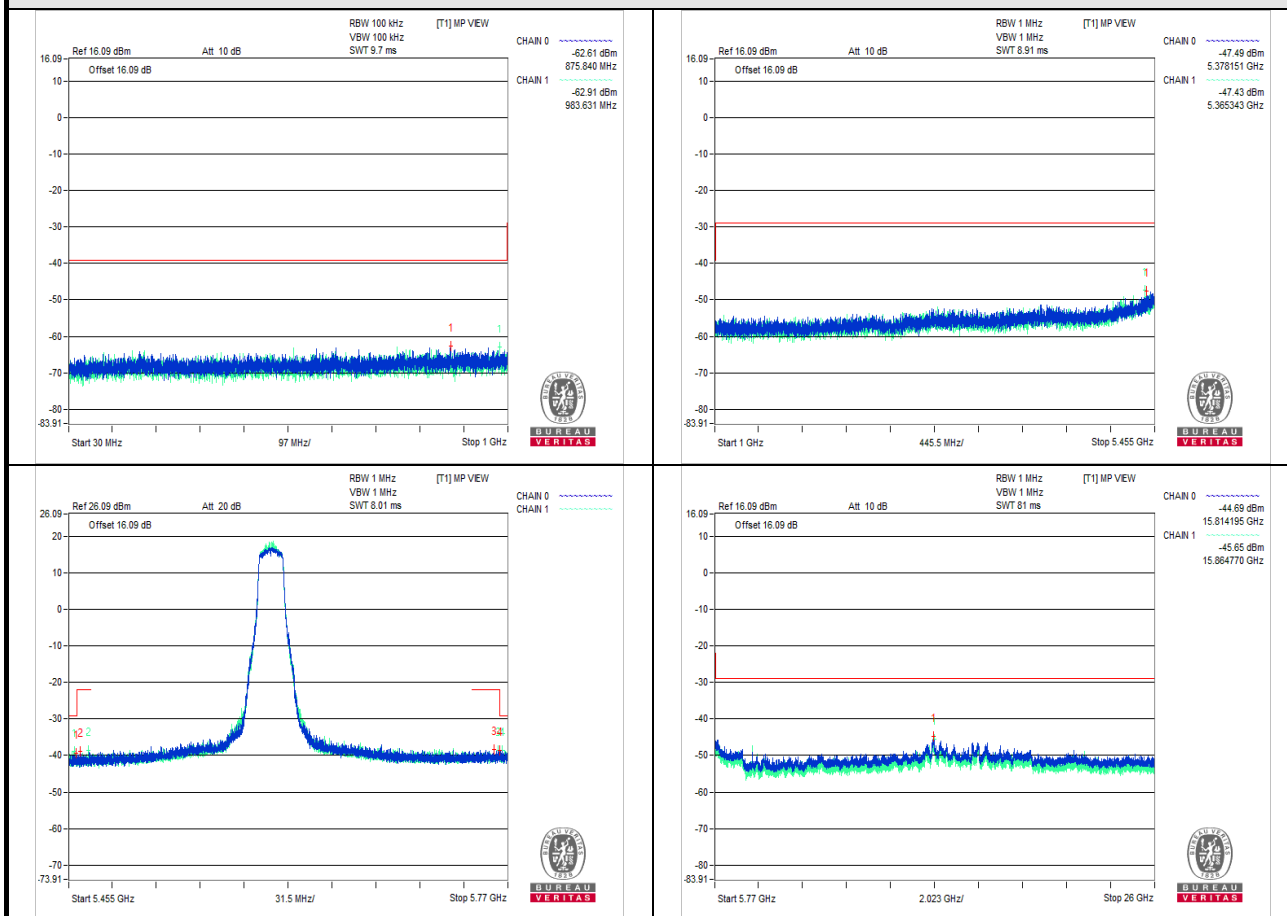
CH 100 (5500MHz)

Vnormal



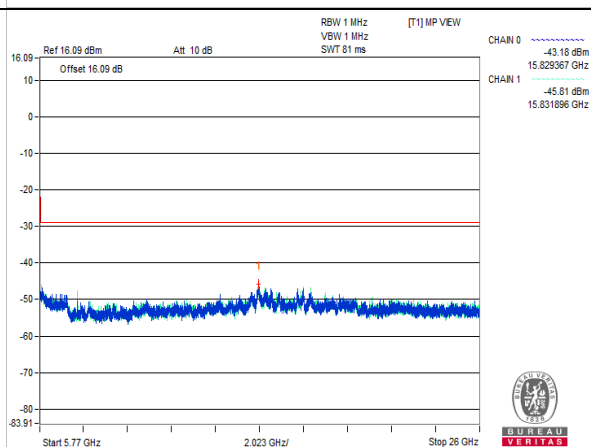
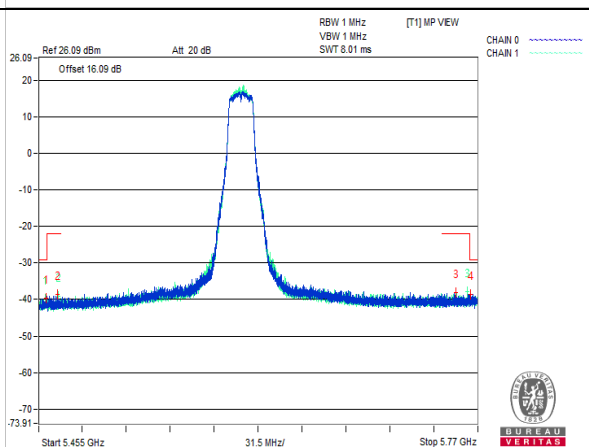
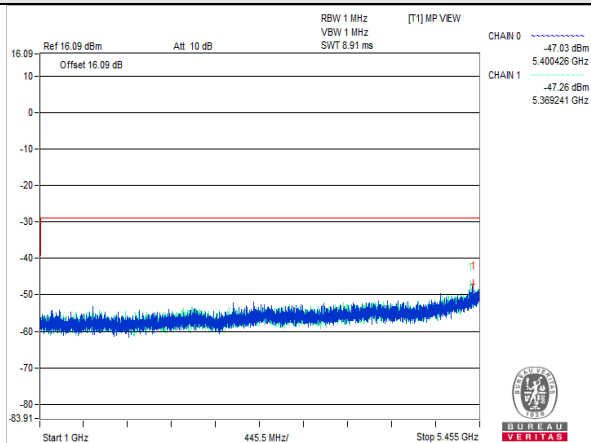
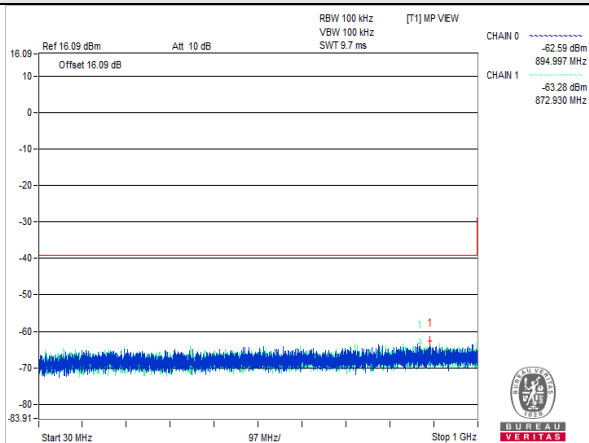
CH 120 (5600MHz)

V_{max}.



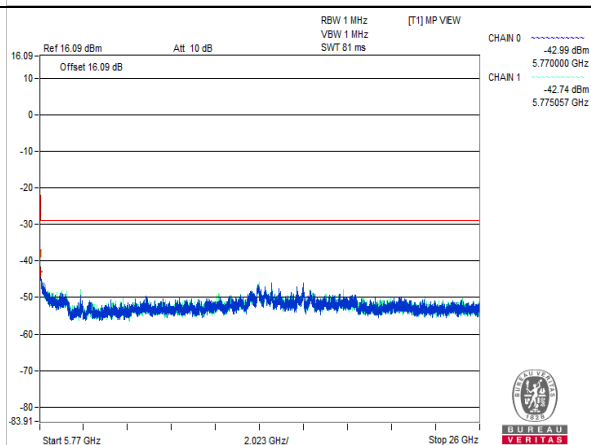
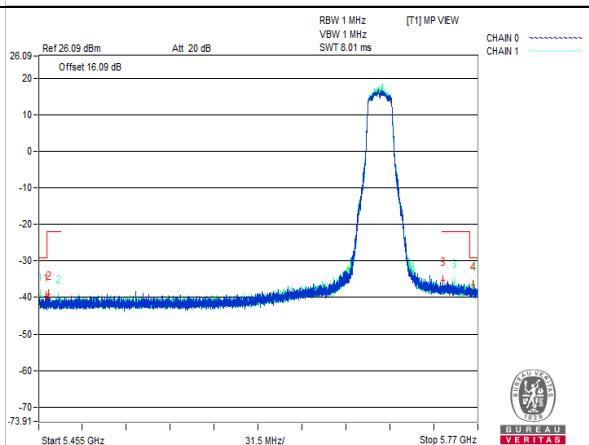
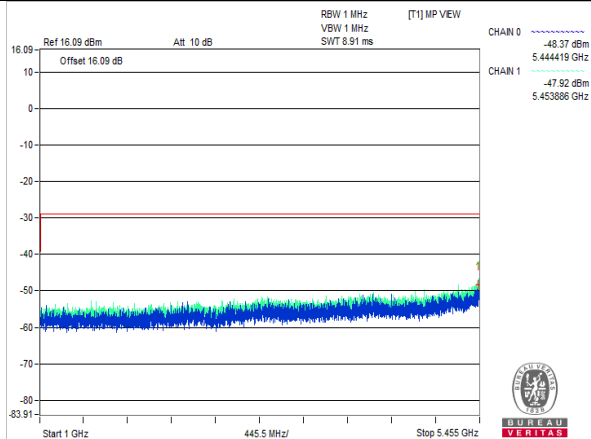
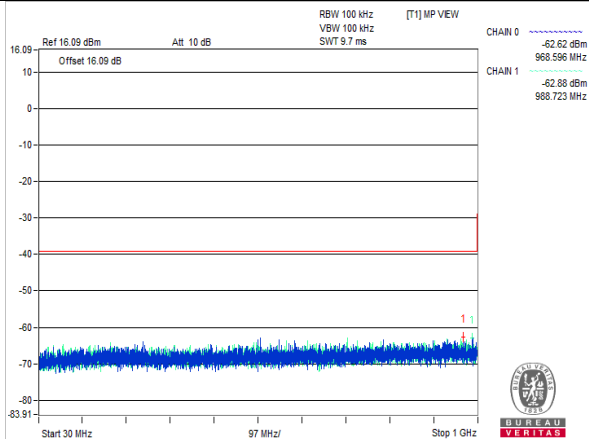
CH 120 (5600MHz)

V min.



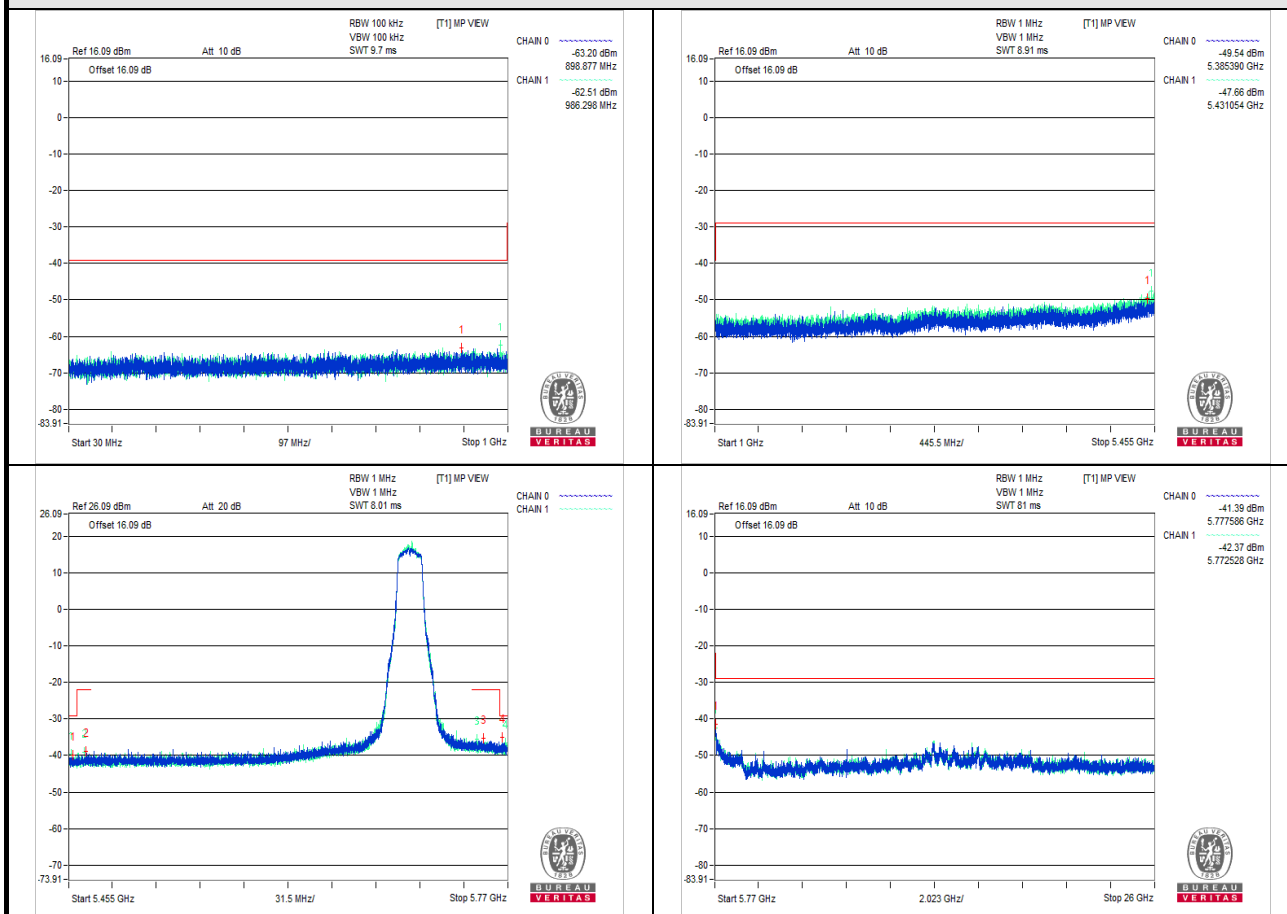
CH 120 (5600MHz)

Vnormal



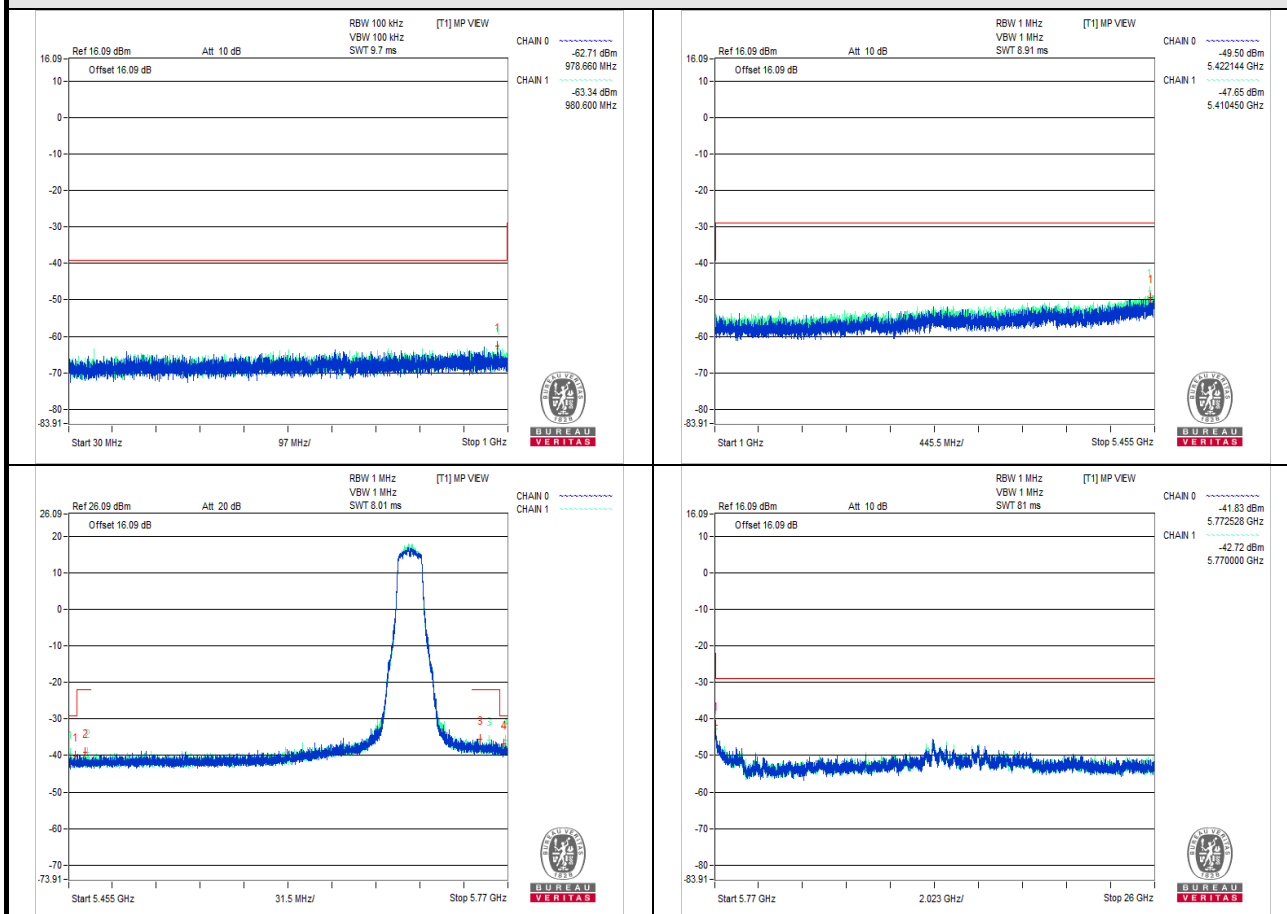
CH 140 (5700MHz)

V_{max}.



CH 140 (5700MHz)

V min.



CH 140 (5700MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 100 (5500MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001038	0.25	PASS
	1000.0 to 5455.0	0.250628	2.5	PASS
	5455.0 to 5460.0	0.510540	2.5	PASS
	5460.0 to 5470.0	0.626658	12.5	PASS
	5745.0 to 5765.0	0.302712	12.5	PASS
	5765.0 to 5770.0	0.271038	2.5	PASS
	5770.0 to 26000.0	0.090580	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001306	0.25	PASS
	1000.0 to 5455.0	0.229630	2.5	PASS
	5455.0 to 5460.0	0.489812	2.5	PASS
	5460.0 to 5470.0	0.618060	12.5	PASS
	5745.0 to 5765.0	0.324362	12.5	PASS
	5765.0 to 5770.0	0.313350	2.5	PASS
	5770.0 to 26000.0	0.086106	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001096	0.25	PASS
	1000.0 to 5455.0	0.169836	2.5	PASS
	5455.0 to 5460.0	0.461350	2.5	PASS
	5460.0 to 5470.0	0.707994	12.5	PASS
	5745.0 to 5765.0	0.312630	12.5	PASS
	5765.0 to 5770.0	0.339648	2.5	PASS
	5770.0 to 26000.0	0.102572	2.5	PASS

TEST CHANNEL		CH 120 (5600MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000984	0.25	PASS
	1000.0 to 5455.0	0.032362	2.5	PASS
	5455.0 to 5460.0	0.216786	2.5	PASS
	5460.0 to 5470.0	0.288424	12.5	PASS
	5745.0 to 5765.0	0.287760	12.5	PASS
	5765.0 to 5770.0	0.272916	2.5	PASS
	5770.0 to 26000.0	0.063684	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001096	0.25	PASS
	1000.0 to 5455.0	0.036144	2.5	PASS
	5455.0 to 5460.0	0.266090	2.5	PASS
	5460.0 to 5470.0	0.277352	12.5	PASS
	5745.0 to 5765.0	0.295142	12.5	PASS
	5765.0 to 5770.0	0.274808	2.5	PASS
	5770.0 to 26000.0	0.067926	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001102	0.25	PASS
	1000.0 to 5455.0	0.039630	2.5	PASS
	5455.0 to 5460.0	0.214304	2.5	PASS
	5460.0 to 5470.0	0.278632	12.5	PASS
	5745.0 to 5765.0	0.334218	12.5	PASS
	5765.0 to 5770.0	0.271038	2.5	PASS
	5770.0 to 26000.0	0.096168	2.5	PASS

TEST CHANNEL		CH 140 (5700MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001094	0.25	PASS
	1000.0 to 5455.0	0.032288	2.5	PASS
	5455.0 to 5460.0	0.237154	2.5	PASS
	5460.0 to 5470.0	0.242120	12.5	PASS
	5745.0 to 5765.0	0.580804	12.5	PASS
	5765.0 to 5770.0	0.451888	2.5	PASS
	5770.0 to 26000.0	0.106422	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001122	0.25	PASS
	1000.0 to 5455.0	0.034280	2.5	PASS
	5455.0 to 5460.0	0.215294	2.5	PASS
	5460.0 to 5470.0	0.261836	12.5	PASS
	5745.0 to 5765.0	0.578136	12.5	PASS
	5765.0 to 5770.0	0.609578	2.5	PASS
	5770.0 to 26000.0	0.145222	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001072	0.25	PASS
	1000.0 to 5455.0	0.034358	2.5	PASS
	5455.0 to 5460.0	0.223888	2.5	PASS
	5460.0 to 5470.0	0.242120	12.5	PASS
	5745.0 to 5765.0	0.572836	12.5	PASS
	5765.0 to 5770.0	0.537068	2.5	PASS
	5770.0 to 26000.0	0.131230	2.5	PASS

W52 Band:
802.11ac (VHT40)
Chain 0

TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	912.578	0.000560	0.125	PASS
	1000.0 to 5100.0	5100.000	0.017219	1.25	PASS
	5100.0 to 5141.6	5141.062	0.158855	1.25	PASS
	5141.6 to 5150.0	5149.950	0.370681	7.5	PASS
	5250.0 to 5251.0	5250.975	0.160325	26.481343	PASS
	5251.0 to 5270.0	5254.200	0.146893	18.331718	PASS
	5270.0 to 5278.4	5273.100	0.131826	2.588428	PASS
	5278.4 to 5400.0	5281.237	0.124451	1.25	PASS
	5400.0 to 26000.0	5412.875	0.037757	1.25	PASS
V_{max.}	30.0 to 1000.0	943.740	0.000472	0.125	PASS
	1000.0 to 5100.0	5098.462	0.015885	1.25	PASS
	5100.0 to 5141.6	5140.912	0.171791	1.25	PASS
	5141.6 to 5150.0	5148.225	0.394457	7.5	PASS
	5250.0 to 5251.0	5250.637	0.138995	57.66868	PASS
	5251.0 to 5270.0	5260.012	0.156315	10.434878	PASS
	5270.0 to 5278.4	5276.475	0.121339	1.628281	PASS
	5278.4 to 5400.0	5287.050	0.120504	1.25	PASS
	5400.0 to 26000.0	6919.250	0.032211	1.25	PASS
V_{min.}	30.0 to 1000.0	836.918	0.000454	0.125	PASS
	1000.0 to 5100.0	5096.412	0.015996	1.25	PASS
	5100.0 to 5141.6	5141.550	0.213304	1.25	PASS
	5141.6 to 5150.0	5149.500	0.388150	7.5	PASS
	5250.0 to 5251.0	5250.937	0.129718	28.902806	PASS
	5251.0 to 5270.0	5256.750	0.135831	14.31643	PASS
	5270.0 to 5278.4	5272.387	0.133352	2.854723	PASS
	5278.4 to 5400.0	5278.800	0.133968	1.25	PASS
	5400.0 to 26000.0	5410.300	0.038019	1.25	PASS

TEST CHANNEL		CH 46 (5230MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	815.457	0.000512	0.125	PASS
	1000.0 to 5100.0	5076.425	0.009506	1.25	PASS
	5100.0 to 5141.6	5129.737	0.095280	1.25	PASS
	5141.6 to 5150.0	5143.350	0.107895	7.5	PASS
	5250.0 to 5251.0	5250.000	33.113112	250	PASS
	5251.0 to 5270.0	5251.050	6.918310	24.879105	PASS
	5270.0 to 5278.4	5272.875	0.133660	2.669664	PASS
	5278.4 to 5400.0	5282.325	0.132434	1.25	PASS
	5400.0 to 26000.0	15831.325	0.027733	1.25	PASS
V_{max.}	30.0 to 1000.0	875.718	0.000502	0.125	PASS
	1000.0 to 5100.0	4689.487	0.010069	1.25	PASS
	5100.0 to 5141.6	5107.125	0.109901	1.25	PASS
	5141.6 to 5150.0	5145.375	0.094406	7.5	PASS
	5250.0 to 5251.0	5250.000	27.478942	250	PASS
	5251.0 to 5270.0	5251.012	6.622165	24.970932	PASS
	5270.0 to 5278.4	5272.087	0.149624	2.974801	PASS
	5278.4 to 5400.0	5306.700	0.119399	1.25	PASS
	5400.0 to 26000.0	17899.050	0.023281	1.25	PASS
V_{min.}	30.0 to 1000.0	947.741	0.000513	0.125	PASS
	1000.0 to 5100.0	5069.762	0.009954	1.25	PASS
	5100.0 to 5141.6	5132.625	0.126183	1.25	PASS
	5141.6 to 5150.0	5149.462	0.121339	7.5	PASS
	5250.0 to 5251.0	5250.000	33.806484	250	PASS
	5251.0 to 5270.0	5251.050	7.943282	24.879105	PASS
	5270.0 to 5278.4	5274.262	0.141579	2.206617	PASS
	5278.4 to 5400.0	5310.000	0.159956	1.25	PASS
	5400.0 to 26000.0	15787.550	0.022961	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

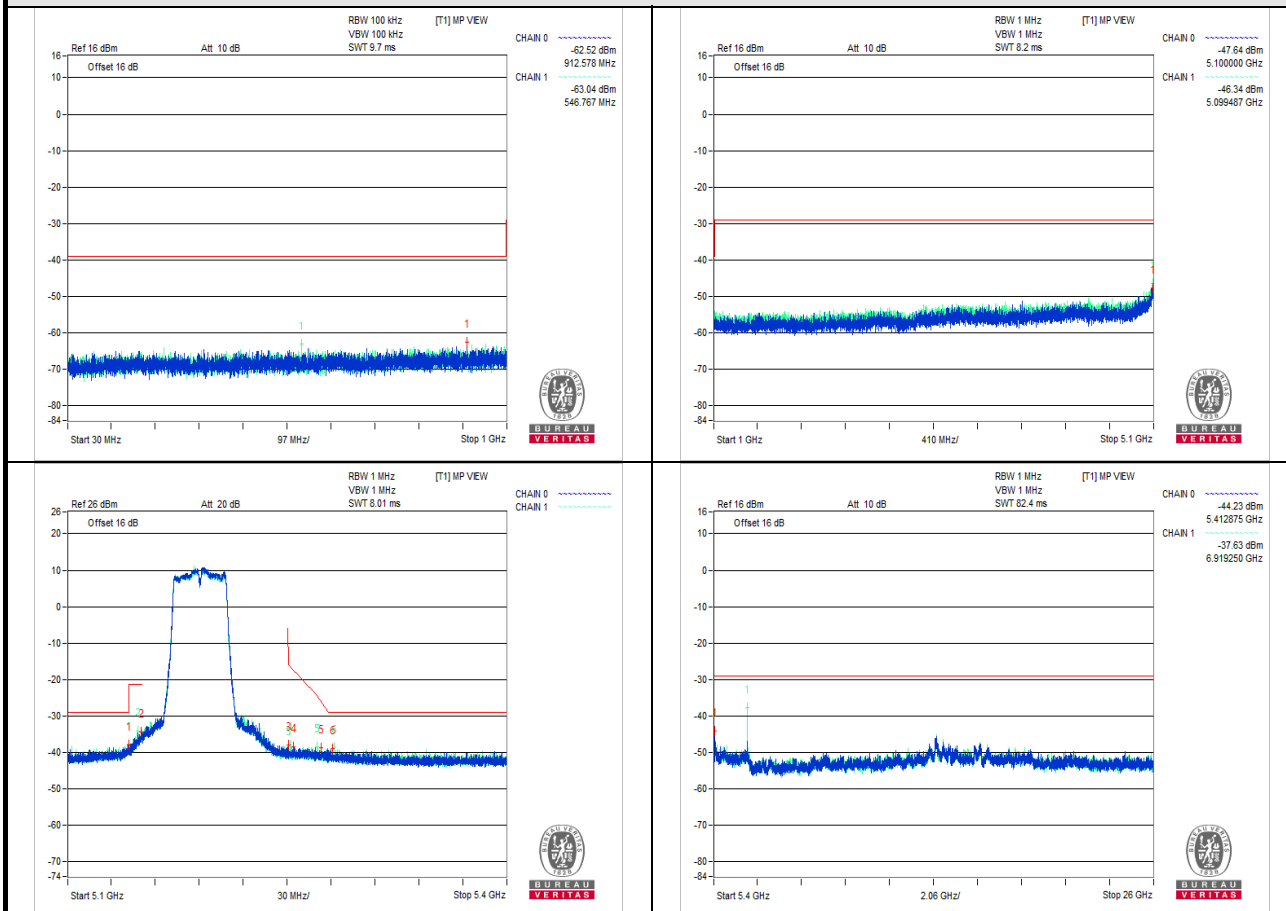
TEST CHANNEL		CH 38 (5190MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	546.767	0.000497	0.125	PASS
	1000.0 to 5100.0	5099.487	0.023227	1.25	PASS
	5100.0 to 5141.6	5141.100	0.168655	1.25	PASS
	5141.6 to 5150.0	5147.400	0.382825	7.5	PASS
	5250.0 to 5251.0	5250.900	0.121899	31.473135	PASS
	5251.0 to 5270.0	5251.950	0.161436	22.800271	PASS
	5270.0 to 5278.4	5270.662	0.139316	3.617879	PASS
	5278.4 to 5400.0	5282.062	0.136773	1.25	PASS
	5400.0 to 26000.0	6919.250	0.172584	1.25	PASS
V_{max.}	30.0 to 1000.0	827.461	0.000552	0.125	PASS
	1000.0 to 5100.0	5095.387	0.020230	1.25	PASS
	5100.0 to 5141.6	5141.400	0.172584	1.25	PASS
	5141.6 to 5150.0	5147.062	0.371535	7.5	PASS
	5250.0 to 5251.0	5250.375	0.141579	105.424126	PASS
	5251.0 to 5270.0	5268.750	0.183231	4.472719	PASS
	5270.0 to 5278.4	5277.187	0.133968	1.476594	PASS
	5278.4 to 5400.0	5285.962	0.124165	1.25	PASS
	5400.0 to 26000.0	6919.250	0.196789	1.25	PASS
V_{min.}	30.0 to 1000.0	829.765	0.000542	0.125	PASS
	1000.0 to 5100.0	5098.975	0.028774	1.25	PASS
	5100.0 to 5141.6	5141.475	0.190108	1.25	PASS
	5141.6 to 5150.0	5148.075	0.350752	7.5	PASS
	5250.0 to 5251.0	5250.150	0.132434	176.986446	PASS
	5251.0 to 5270.0	5268.825	0.147231	4.440314	PASS
	5270.0 to 5278.4	5275.837	0.147911	1.777394	PASS
	5278.4 to 5400.0	5366.175	0.131522	1.25	PASS
	5400.0 to 26000.0	6919.250	0.193642	1.25	PASS

TEST CHANNEL		CH 46 (5230MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	781.992	0.000497	0.125	PASS
	1000.0 to 5100.0	5067.200	0.009462	1.25	PASS
	5100.0 to 5141.6	5137.425	0.110917	1.25	PASS
	5141.6 to 5150.0	5146.012	0.099312	7.5	PASS
	5250.0 to 5251.0	5250.000	38.459178	250	PASS
	5251.0 to 5270.0	5251.000	8.749838	25	PASS
	5270.0 to 5278.4	5271.862	0.140281	3.068163	PASS
	5278.4 to 5400.0	5283.300	0.116950	1.25	PASS
	5400.0 to 26000.0	6973.325	0.246604	1.25	PASS
V_{max.}	30.0 to 1000.0	843.587	0.000577	0.125	PASS
	1000.0 to 5100.0	5086.162	0.011143	1.25	PASS
	5100.0 to 5141.6	5136.637	0.113763	1.25	PASS
	5141.6 to 5150.0	5144.662	0.118577	7.5	PASS
	5250.0 to 5251.0	5250.000	24.774221	250	PASS
	5251.0 to 5270.0	5251.125	8.974288	24.698857	PASS
	5270.0 to 5278.4	5270.325	0.119399	3.789264	PASS
	5278.4 to 5400.0	5311.687	0.134586	1.25	PASS
	5400.0 to 26000.0	6973.325	0.220293	1.25	PASS
V_{min.}	30.0 to 1000.0	944.103	0.000490	0.125	PASS
	1000.0 to 5100.0	5094.362	0.008770	1.25	PASS
	5100.0 to 5141.6	5132.250	0.116413	1.25	PASS
	5141.6 to 5150.0	5145.450	0.109144	7.5	PASS
	5250.0 to 5251.0	5250.000	27.101916	250	PASS
	5251.0 to 5270.0	5251.012	8.851156	24.970932	PASS
	5270.0 to 5278.4	5272.387	0.123880	2.854723	PASS
	5278.4 to 5400.0	5333.250	0.134586	1.25	PASS
	5400.0 to 26000.0	6973.325	0.243220	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

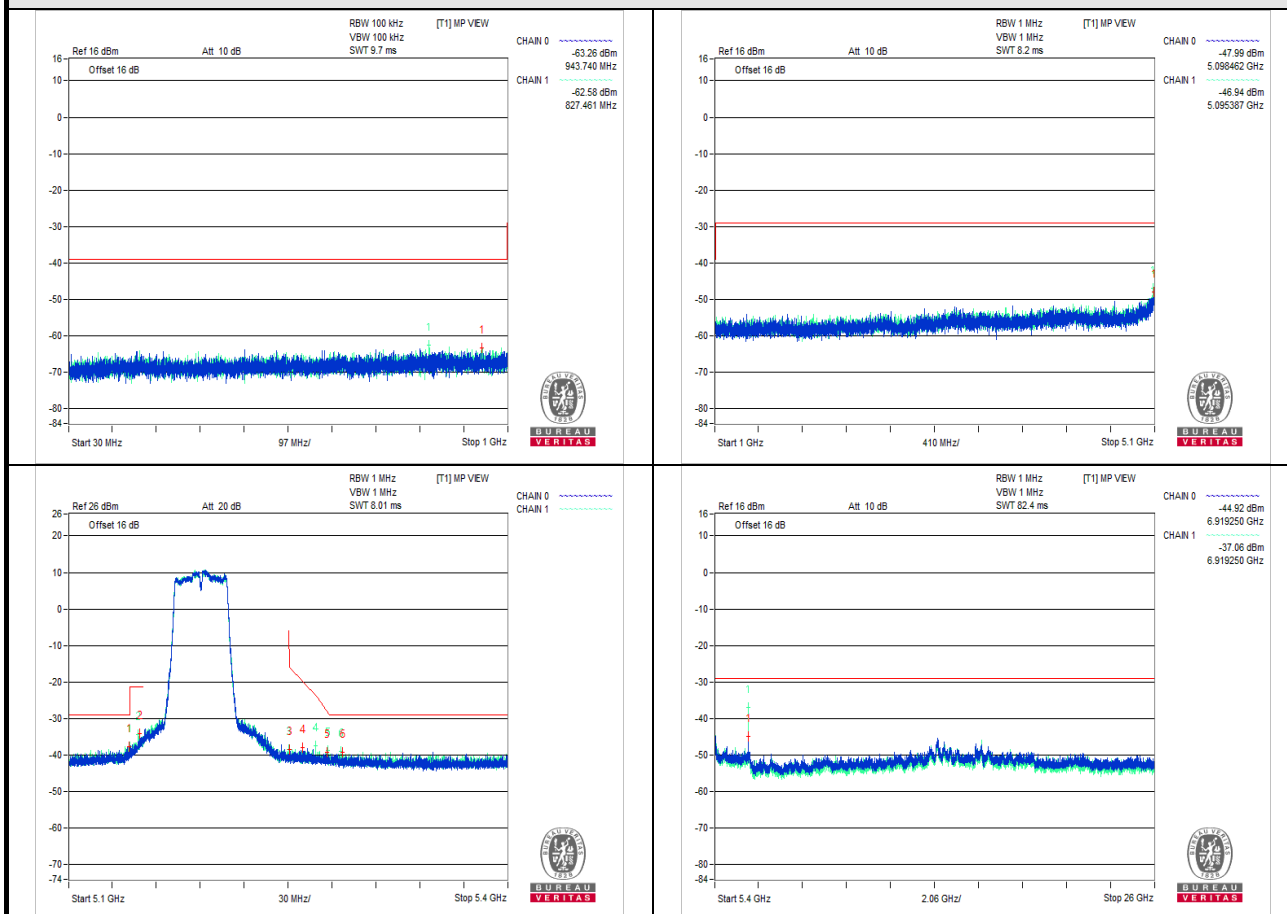
Graph

Vnormal



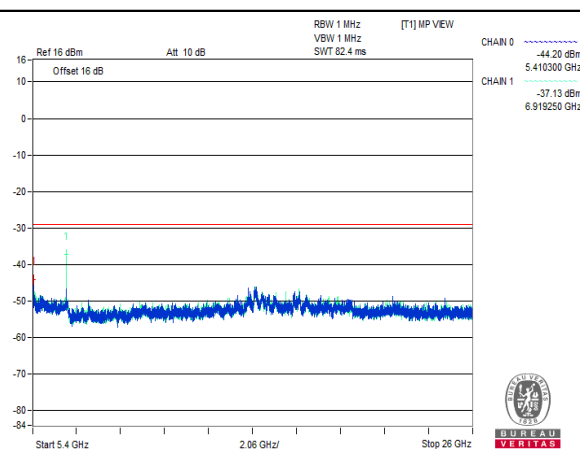
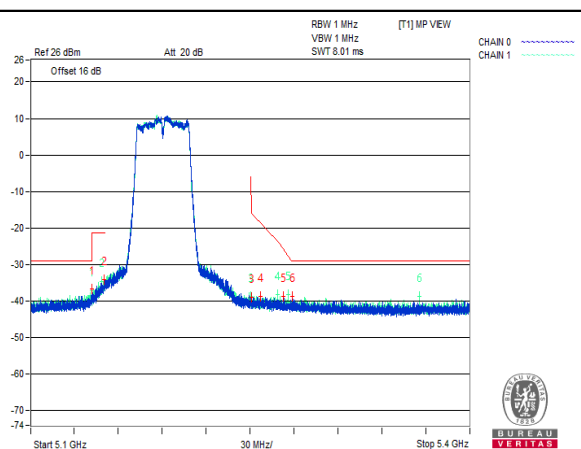
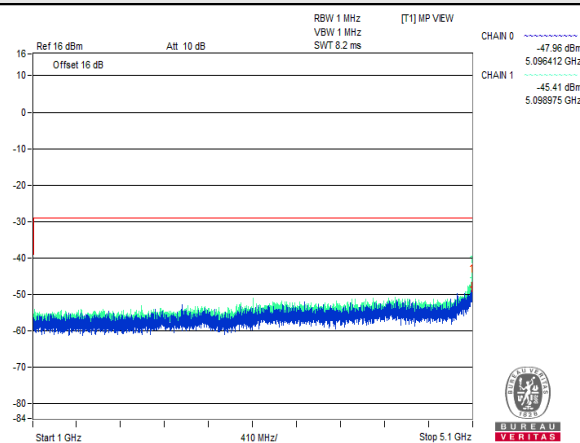
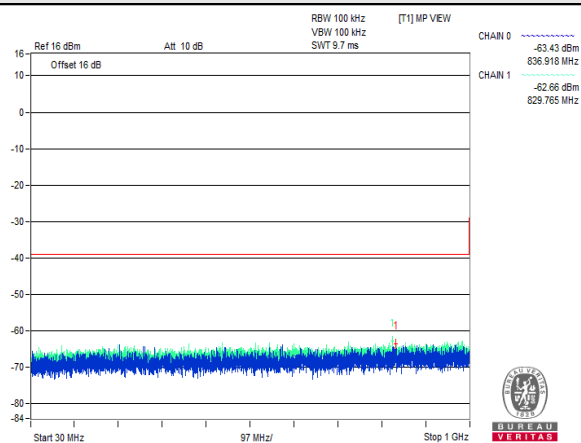
CH 38 (5190MHz)

V_{max}.



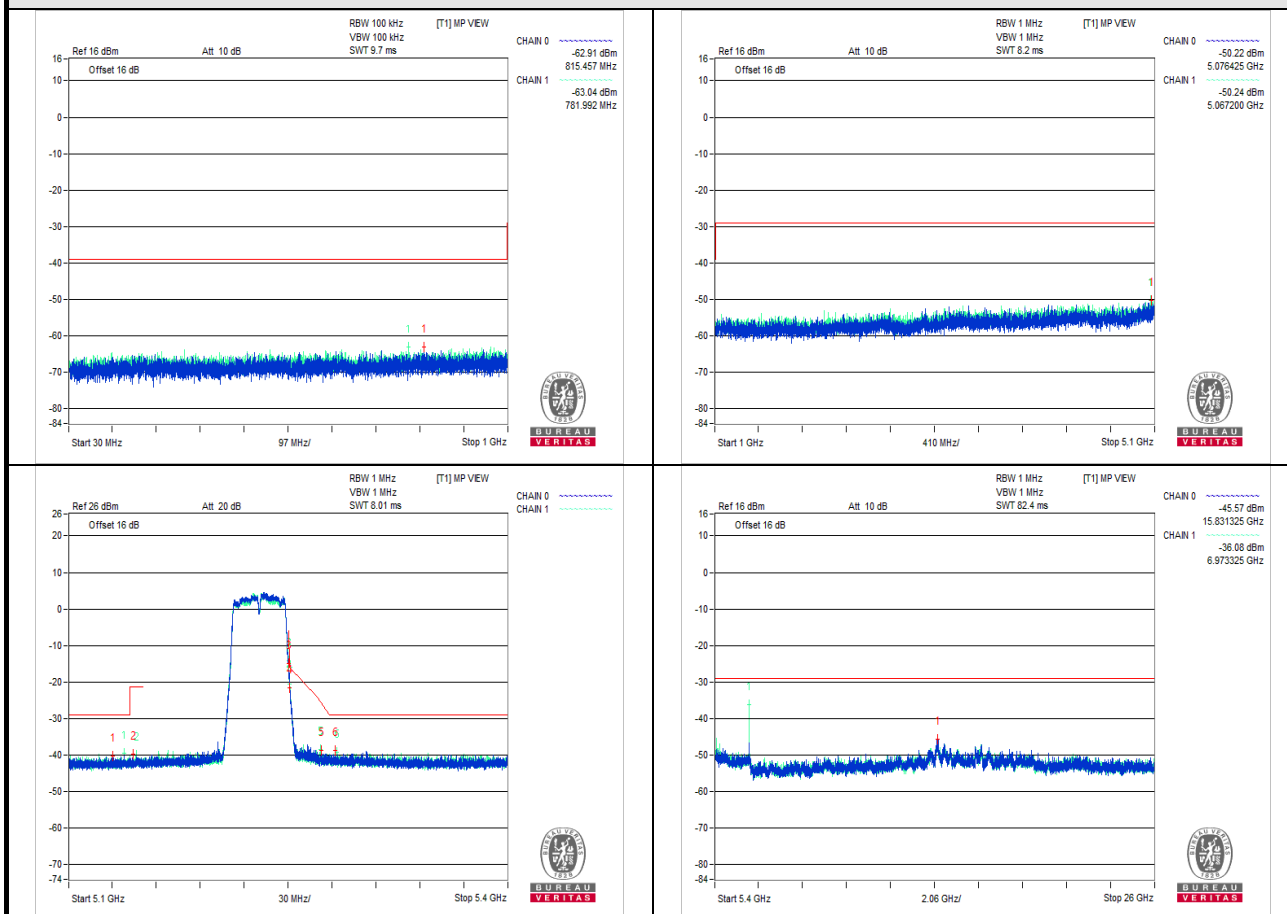
CH 38 (5190MHz)

V min.



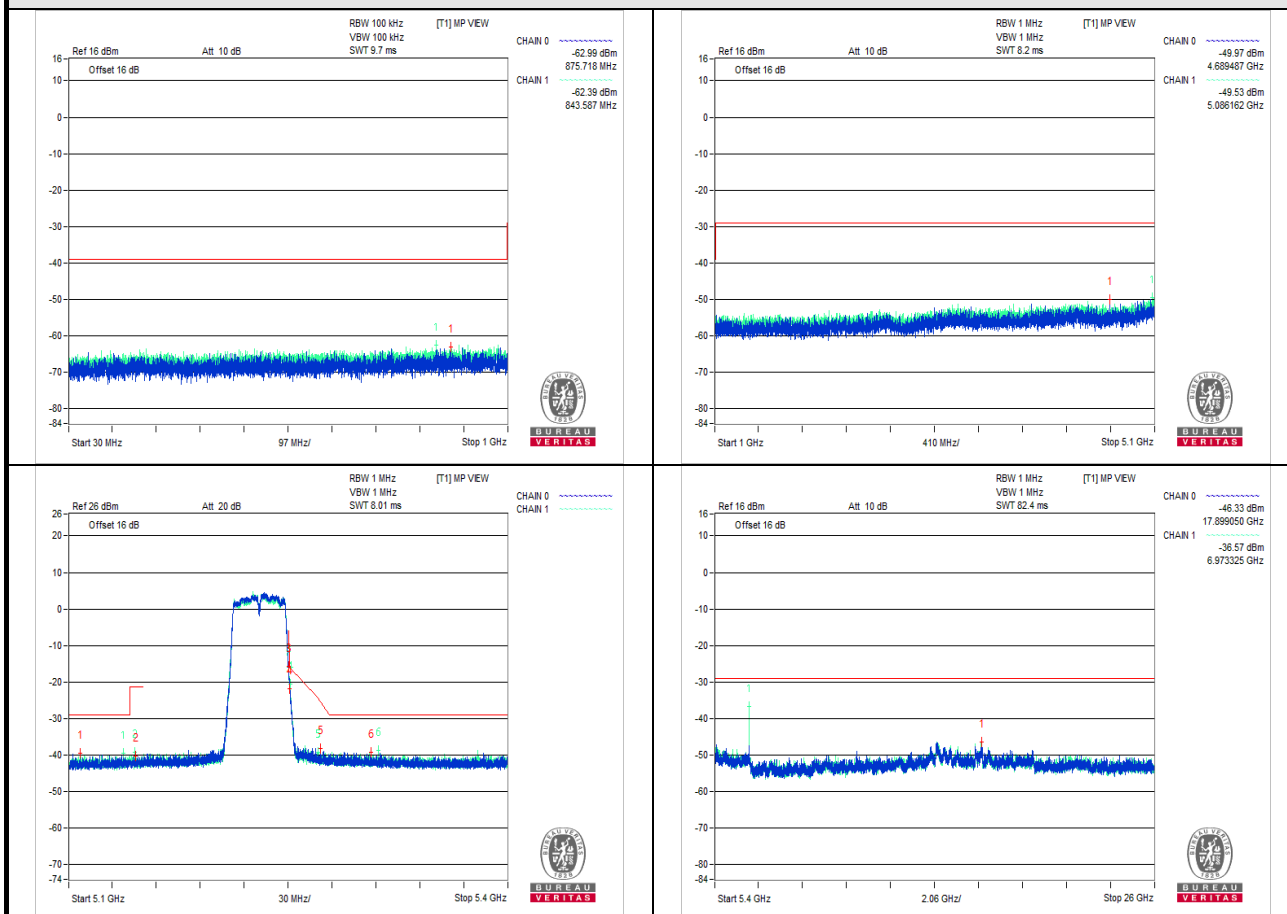
CH 38 (5190MHz)

Vnormal



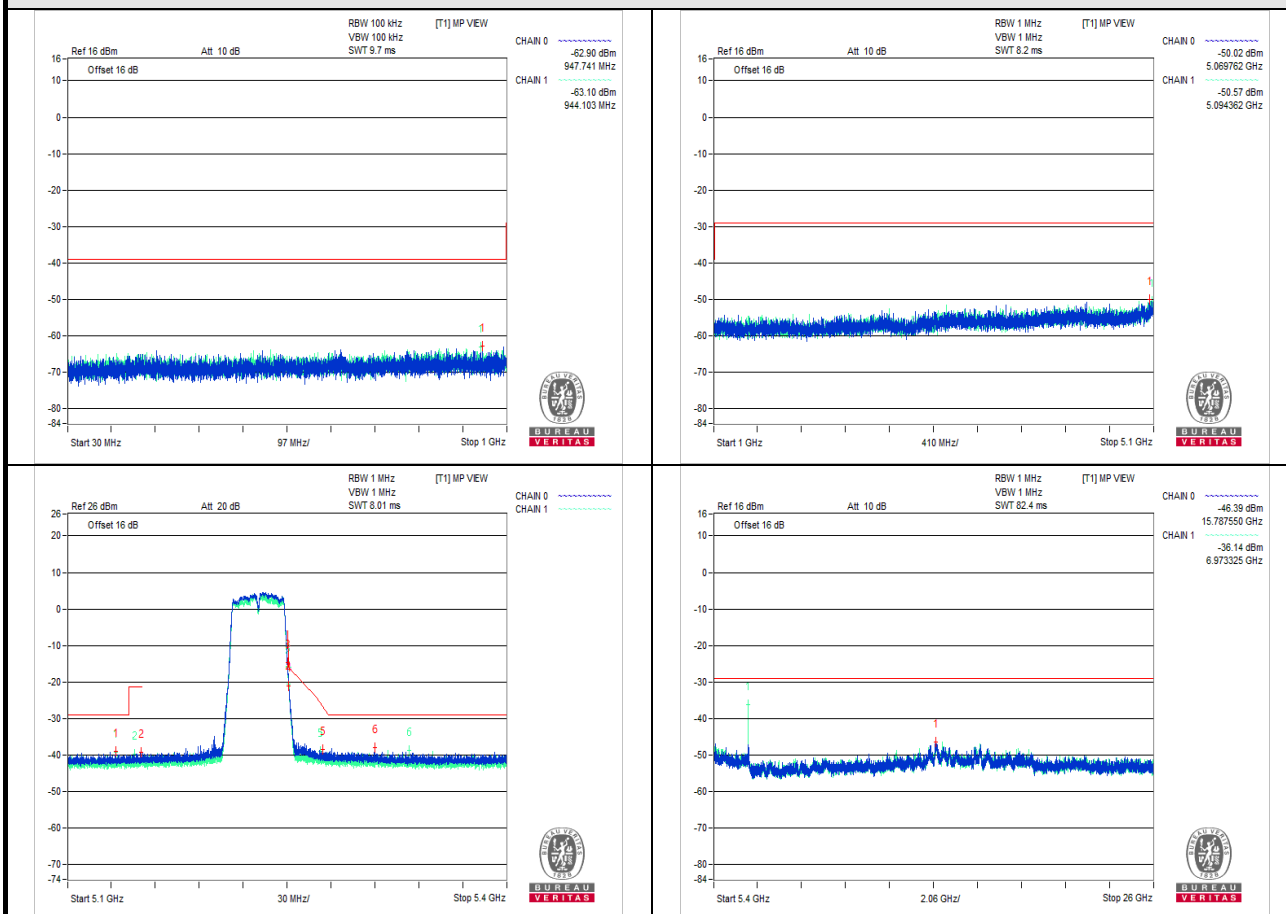
CH 46 (5230MHz)

V_{max}.



CH 46 (5230MHz)

V min.



CH 46 (5230MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 38 (5190MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001120	0.25	PASS
	1000.0 to 5100.0	0.046454	2.5	PASS
	5100.0 to 5141.6	0.337310	2.5	PASS
	5141.6 to 5150.0	0.765650	15	PASS
	5250.0 to 5251.0	0.320650	52.962686	PASS
	5251.0 to 5270.0	0.322872	45.600542	PASS
	5270.0 to 5278.4	0.278632	7.235758	PASS
	5278.4 to 5400.0	0.273546	2.5	PASS
	5400.0 to 26000.0	0.345168	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001104	0.25	PASS
	1000.0 to 5100.0	0.040460	2.5	PASS
	5100.0 to 5141.6	0.345168	2.5	PASS
	5141.6 to 5150.0	0.788914	15	PASS
	5250.0 to 5251.0	0.283158	210.848252	PASS
	5251.0 to 5270.0	0.366462	8.945438	PASS
	5270.0 to 5278.4	0.267936	2.953188	PASS
	5278.4 to 5400.0	0.248330	2.5	PASS
	5400.0 to 26000.0	0.393578	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001084	0.25	PASS
	1000.0 to 5100.0	0.057548	2.5	PASS
	5100.0 to 5141.6	0.426608	2.5	PASS
	5141.6 to 5150.0	0.776300	15	PASS
	5250.0 to 5251.0	0.264868	353.972892	PASS
	5251.0 to 5270.0	0.294462	8.880628	PASS
	5270.0 to 5278.4	0.295822	3.554788	PASS
	5278.4 to 5400.0	0.267936	2.5	PASS
	5400.0 to 26000.0	0.387284	2.5	PASS

TEST CHANNEL		CH 46 (5230MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001024	0.25	PASS
	1000.0 to 5100.0	0.019012	2.5	PASS
	5100.0 to 5141.6	0.221834	2.5	PASS
	5141.6 to 5150.0	0.215790	15	PASS
	5250.0 to 5251.0	76.918356	500	PASS
	5251.0 to 5270.0	17.499676	50	PASS
	5270.0 to 5278.4	0.280562	6.136326	PASS
	5278.4 to 5400.0	0.264868	2.5	PASS
	5400.0 to 26000.0	0.493208	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001154	0.25	PASS
	1000.0 to 5100.0	0.022286	2.5	PASS
	5100.0 to 5141.6	0.227526	2.5	PASS
	5141.6 to 5150.0	0.237154	15	PASS
	5250.0 to 5251.0	54.957884	500	PASS
	5251.0 to 5270.0	17.948576	49.397714	PASS
	5270.0 to 5278.4	0.299248	5.949602	PASS
	5278.4 to 5400.0	0.269172	2.5	PASS
	5400.0 to 26000.0	0.440586	2.5	PASS
	30.0 to 1000.0	0.001026	0.25	PASS
	1000.0 to 5100.0	0.019908	2.5	PASS
	5100.0 to 5141.6	0.252366	2.5	PASS
	5141.6 to 5150.0	0.242678	15	PASS
	5250.0 to 5251.0	67.612968	500	PASS
	5251.0 to 5270.0	17.702312	49.941864	PASS
	5270.0 to 5278.4	0.283158	4.413234	PASS
	5278.4 to 5400.0	0.319912	2.5	PASS
	5400.0 to 26000.0	0.486440	2.5	PASS
V_{min.}	30.0 to 1000.0	0.001026	0.25	PASS
	1000.0 to 5100.0	0.019908	2.5	PASS
	5100.0 to 5141.6	0.252366	2.5	PASS
	5141.6 to 5150.0	0.242678	15	PASS
	5250.0 to 5251.0	67.612968	500	PASS
	5251.0 to 5270.0	17.702312	49.941864	PASS
	5270.0 to 5278.4	0.283158	4.413234	PASS
	5278.4 to 5400.0	0.319912	2.5	PASS
	5400.0 to 26000.0	0.486440	2.5	PASS

W53 Band:
802.11ac (VHT40)
Chain 0

TEST CHANNEL		CH 54 (5270MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	877.295	0.000445	0.125	PASS
	1000.0 to 5100.0	5047.212	0.009840	1.25	PASS
	5100.0 to 5221.6	5139.900	0.123310	1.25	PASS
	5221.6 to 5230.0	5229.862	0.130017	3.887844	PASS
	5230.0 to 5249.0	5249.000	10.209395	25	PASS
	5249.0 to 5250.0	5250.000	42.266861	250	PASS
	5350.0 to 5358.4	5356.012	0.100462	7.5	PASS
	5358.4 to 5400.0	5367.112	0.099770	1.25	PASS
	5400.0 to 26000.0	5492.700	0.028445	1.25	PASS
V_{max.}	30.0 to 1000.0	922.763	0.000397	0.125	PASS
	1000.0 to 5100.0	5045.675	0.009572	1.25	PASS
	5100.0 to 5221.6	5144.962	0.079799	1.25	PASS
	5221.6 to 5230.0	5229.862	0.106905	3.887844	PASS
	5230.0 to 5249.0	5248.875	7.585776	24.698857	PASS
	5249.0 to 5250.0	5249.775	24.099054	148.915536	PASS
	5350.0 to 5358.4	5355.412	0.070469	7.5	PASS
	5358.4 to 5400.0	5368.012	0.090157	1.25	PASS
	5400.0 to 26000.0	15859.650	0.022131	1.25	PASS
V_{min.}	30.0 to 1000.0	933.555	0.000420	0.125	PASS
	1000.0 to 5100.0	5039.525	0.008356	1.25	PASS
	5100.0 to 5221.6	5201.137	0.082794	1.25	PASS
	5221.6 to 5230.0	5226.787	0.131522	2.548567	PASS
	5230.0 to 5249.0	5249.000	4.786301	25	PASS
	5249.0 to 5250.0	5250.000	41.879357	250	PASS
	5350.0 to 5358.4	5357.887	0.080538	7.5	PASS
	5358.4 to 5400.0	5376.075	0.076208	1.25	PASS
	5400.0 to 26000.0	15833.900	0.022336	1.25	PASS

TEST CHANNEL		CH 62 (5310MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	918.035	0.000447	0.125	PASS
	1000.0 to 5100.0	5086.675	0.010666	1.25	PASS
	5100.0 to 5221.6	5214.487	0.121899	1.25	PASS
	5221.6 to 5230.0	5223.900	0.104954	1.714339	PASS
	5230.0 to 5249.0	5246.850	0.155597	20.296151	PASS
	5249.0 to 5250.0	5249.362	0.130617	57.536045	PASS
	5350.0 to 5358.4	5350.462	0.368978	7.5	PASS
	5358.4 to 5400.0	5359.425	0.199526	1.25	PASS
	5400.0 to 26000.0	5405.150	0.038726	1.25	PASS
V_{max.}	30.0 to 1000.0	606.786	0.000361	0.125	PASS
	1000.0 to 5100.0	5087.187	0.012853	1.25	PASS
	5100.0 to 5221.6	5214.712	0.105925	1.25	PASS
	5221.6 to 5230.0	5224.500	0.116413	1.861593	PASS
	5230.0 to 5249.0	5241.075	0.125026	11.594601	PASS
	5249.0 to 5250.0	5249.325	0.112460	52.837226	PASS
	5350.0 to 5358.4	5350.875	0.557186	7.5	PASS
	5358.4 to 5400.0	5360.887	0.246604	1.25	PASS
	5400.0 to 26000.0	5531.325	0.032961	1.25	PASS
V_{min.}	30.0 to 1000.0	913.670	0.000552	0.125	PASS
	1000.0 to 5100.0	5086.162	0.011940	1.25	PASS
	5100.0 to 5221.6	5208.825	0.110154	1.25	PASS
	5221.6 to 5230.0	5225.325	0.126183	2.084937	PASS
	5230.0 to 5249.0	5235.862	0.124451	6.994571	PASS
	5249.0 to 5250.0	5249.325	0.132434	52.837226	PASS
	5350.0 to 5358.4	5353.837	0.383707	7.5	PASS
	5358.4 to 5400.0	5359.462	0.194536	1.25	PASS
	5400.0 to 26000.0	5412.875	0.033574	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

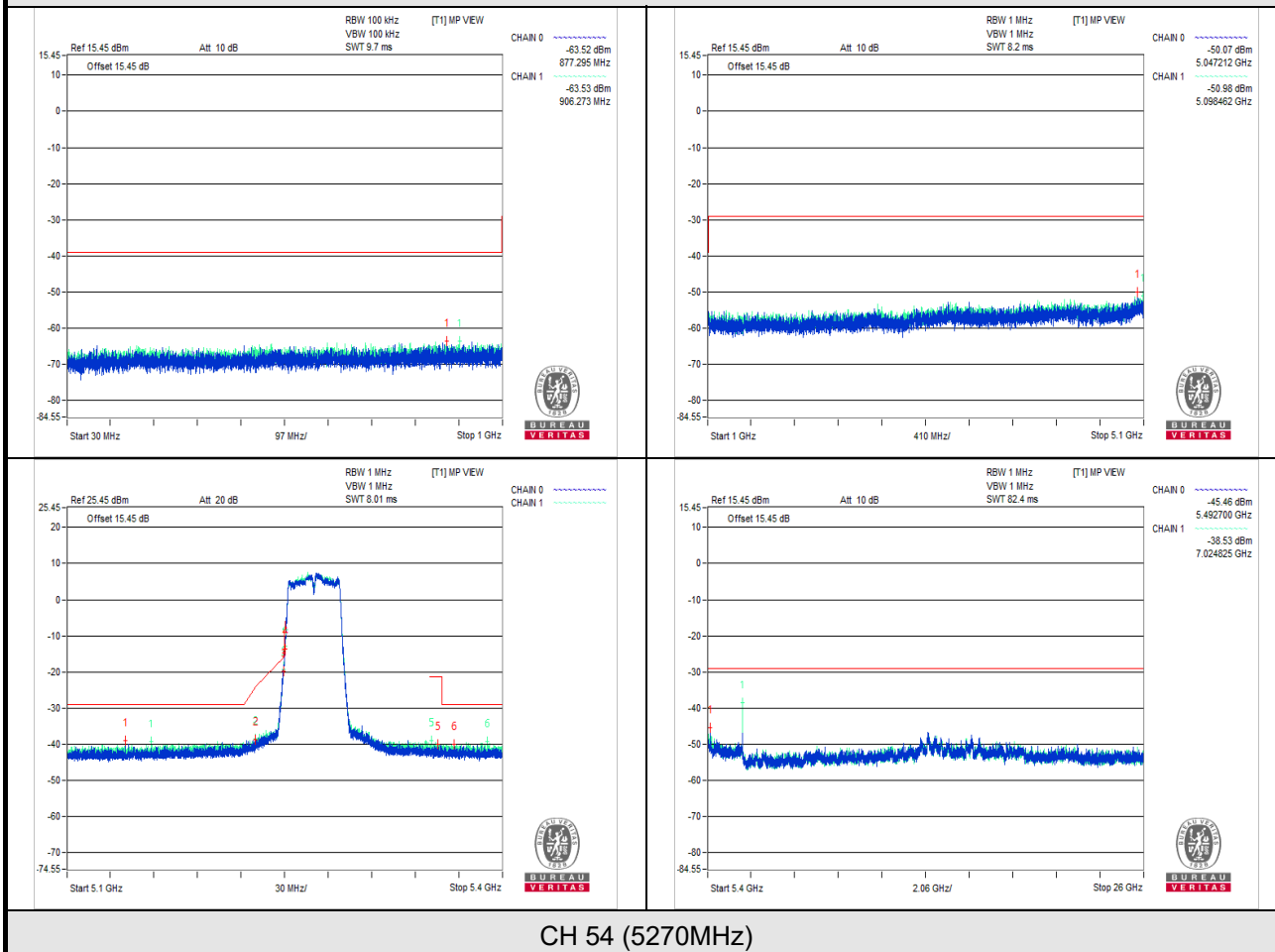
TEST CHANNEL		CH 54 (5270MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	906.273	0.000444	0.125	PASS
	1000.0 to 5100.0	5098.462	0.007980	1.25	PASS
	5100.0 to 5221.6	5157.787	0.120781	1.25	PASS
	5221.6 to 5230.0	5229.412	0.139637	3.654836	PASS
	5230.0 to 5249.0	5248.987	11.508004	24.968511	PASS
	5249.0 to 5250.0	5250.000	50.699071	250	PASS
	5350.0 to 5358.4	5351.287	0.124738	7.5	PASS
	5358.4 to 5400.0	5389.912	0.119399	1.25	PASS
	5400.0 to 26000.0	7024.825	0.140281	1.25	PASS
V_{max.}	30.0 to 1000.0	959.745	0.000409	0.125	PASS
	1000.0 to 5100.0	5046.700	0.010328	1.25	PASS
	5100.0 to 5221.6	5202.600	0.117490	1.25	PASS
	5221.6 to 5230.0	5228.587	0.112460	3.26332	PASS
	5230.0 to 5249.0	5249.000	9.418896	25	PASS
	5249.0 to 5250.0	5249.962	41.495404	229.055123	PASS
	5350.0 to 5358.4	5354.812	0.128825	7.5	PASS
	5358.4 to 5400.0	5362.125	0.100231	1.25	PASS
	5400.0 to 26000.0	7024.825	0.118304	1.25	PASS
V_{min.}	30.0 to 1000.0	853.045	0.000439	0.125	PASS
	1000.0 to 5100.0	5095.900	0.010046	1.25	PASS
	5100.0 to 5221.6	5154.375	0.112980	1.25	PASS
	5221.6 to 5230.0	5229.375	0.130017	3.636311	PASS
	5230.0 to 5249.0	5248.950	11.534533	24.879105	PASS
	5249.0 to 5250.0	5250.000	44.258837	250	PASS
	5350.0 to 5358.4	5353.125	0.091833	7.5	PASS
	5358.4 to 5400.0	5362.950	0.100462	1.25	PASS
	5400.0 to 26000.0	7024.825	0.132739	1.25	PASS

TEST CHANNEL		CH 62 (5310MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	837.282	0.000441	0.125	PASS
	1000.0 to 5100.0	5086.675	0.018836	1.25	PASS
	5100.0 to 5221.6	5220.750	0.121899	1.25	PASS
	5221.6 to 5230.0	5229.600	0.126183	3.750433	PASS
	5230.0 to 5249.0	5247.262	0.155239	21.123266	PASS
	5249.0 to 5250.0	5249.175	0.137088	37.405891	PASS
	5350.0 to 5358.4	5350.612	0.463447	7.5	PASS
	5358.4 to 5400.0	5359.012	0.397192	1.25	PASS
	5400.0 to 26000.0	7078.900	0.080910	1.25	PASS
V_{max.}	30.0 to 1000.0	886.873	0.000499	0.125	PASS
	1000.0 to 5100.0	5086.675	0.016596	1.25	PASS
	5100.0 to 5221.6	5218.537	0.137721	1.25	PASS
	5221.6 to 5230.0	5227.950	0.150661	2.989956	PASS
	5230.0 to 5249.0	5245.725	0.196336	18.198906	PASS
	5249.0 to 5250.0	5249.962	0.158125	229.055123	PASS
	5350.0 to 5358.4	5350.537	0.500035	7.5	PASS
	5358.4 to 5400.0	5359.162	0.271644	1.25	PASS
	5400.0 to 26000.0	7078.900	0.079433	1.25	PASS
V_{min.}	30.0 to 1000.0	999.030	0.000538	0.125	PASS
	1000.0 to 5100.0	5088.212	0.024660	1.25	PASS
	5100.0 to 5221.6	5203.612	0.115878	1.25	PASS
	5221.6 to 5230.0	5225.625	0.130617	2.172636	PASS
	5230.0 to 5249.0	5247.937	0.166341	22.551847	PASS
	5249.0 to 5250.0	5249.287	0.141254	48.410549	PASS
	5350.0 to 5358.4	5350.125	0.483059	7.5	PASS
	5358.4 to 5400.0	5362.050	0.261818	1.25	PASS
	5400.0 to 26000.0	7078.900	0.075509	1.25	PASS

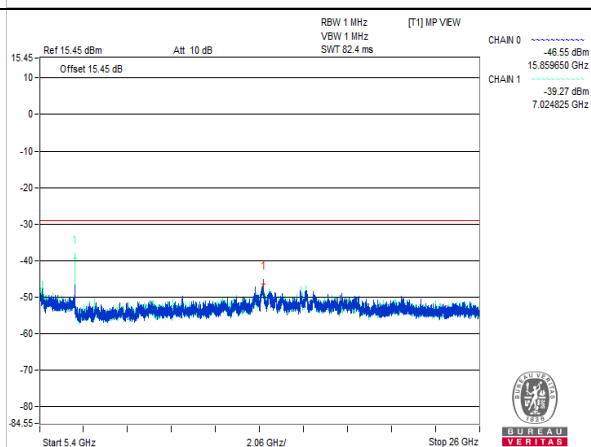
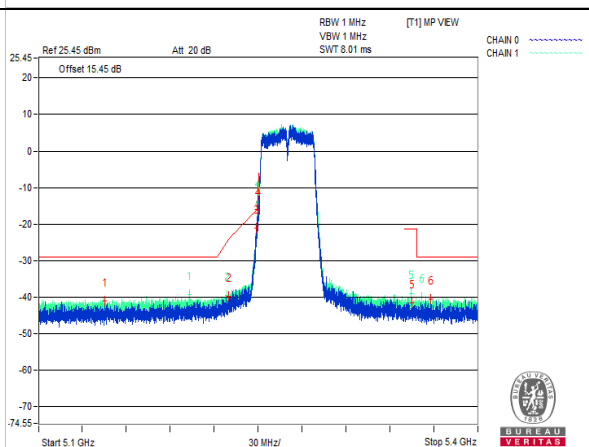
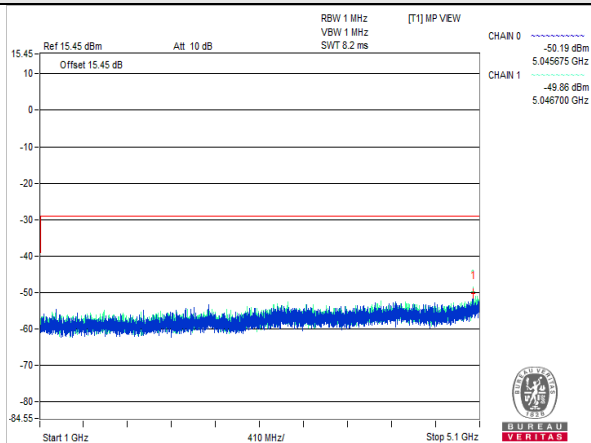
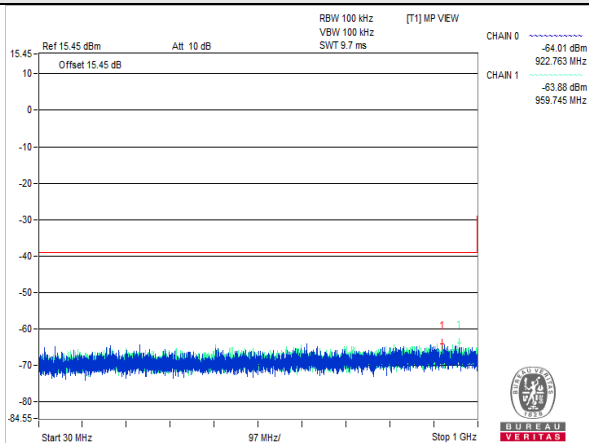
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

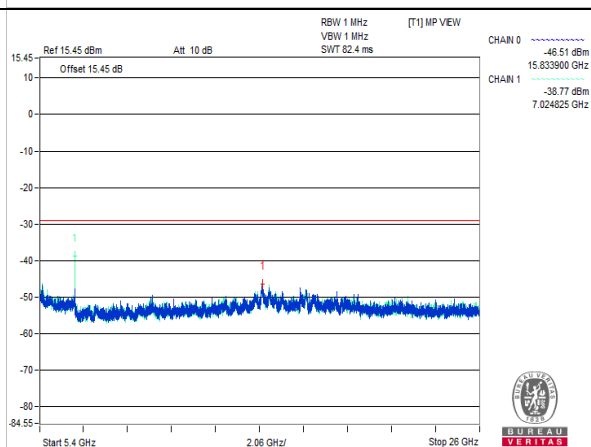
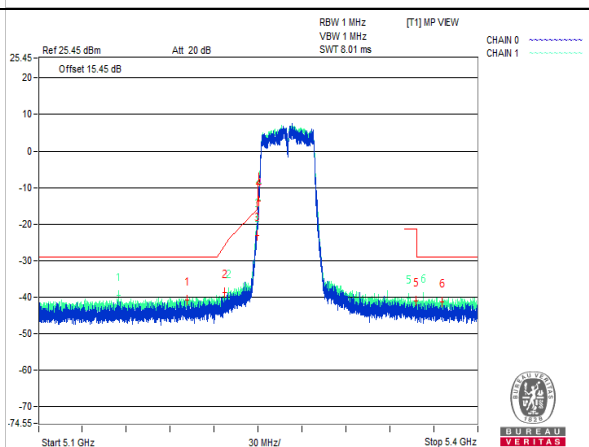
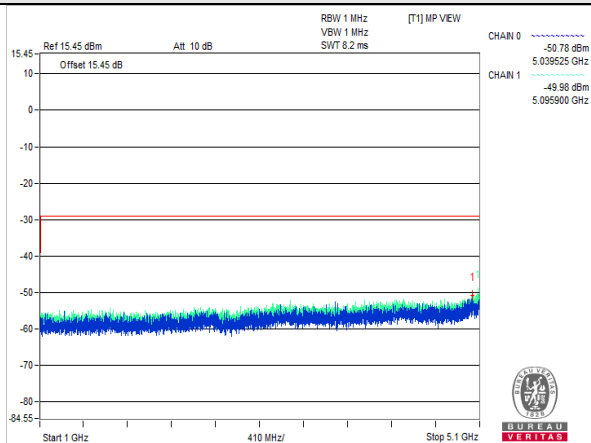
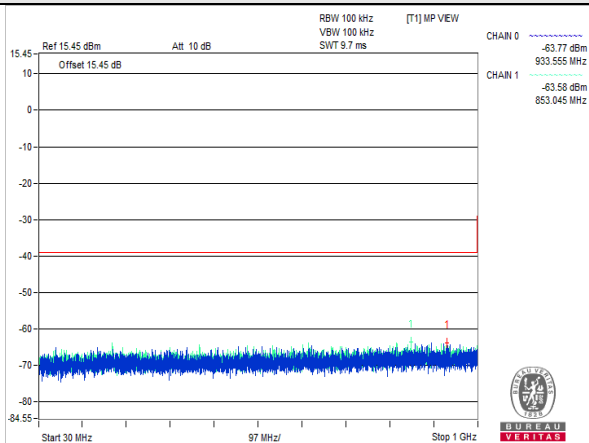


V_{max}.



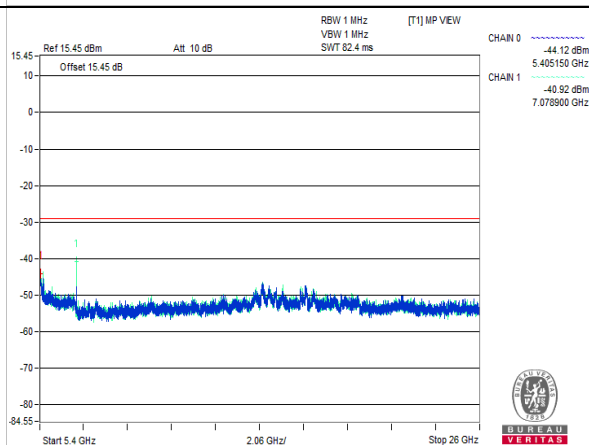
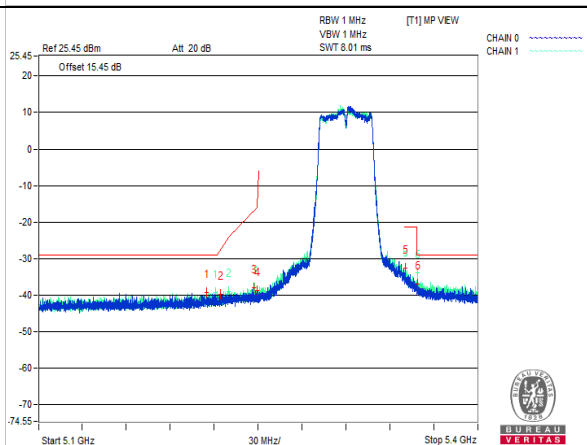
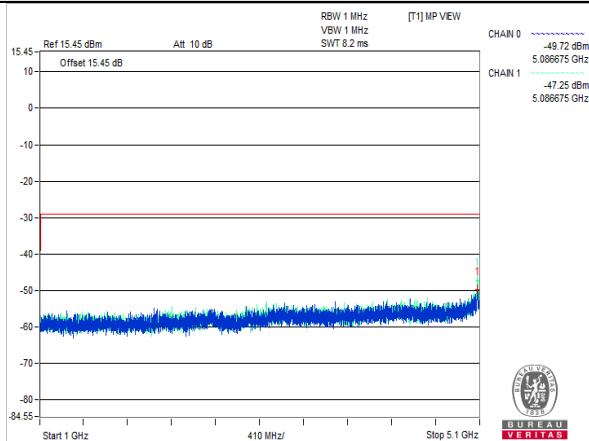
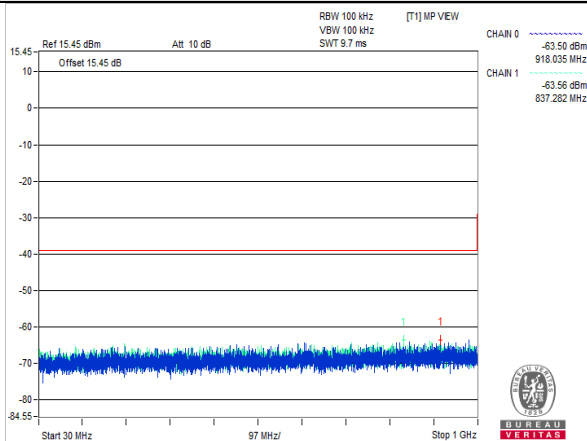
CH 54 (5270MHz)

V min.



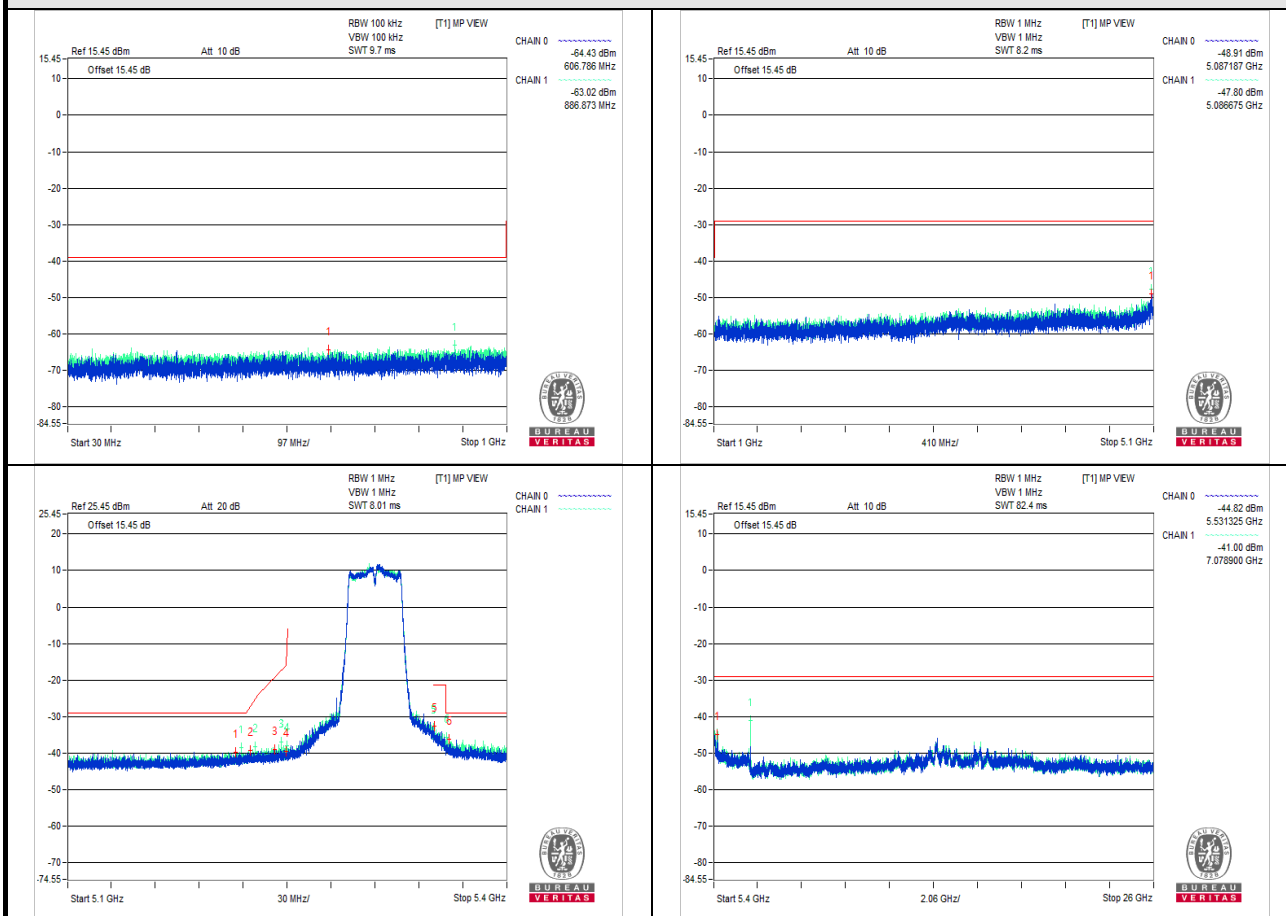
CH 54 (5270MHz)

Vnormal



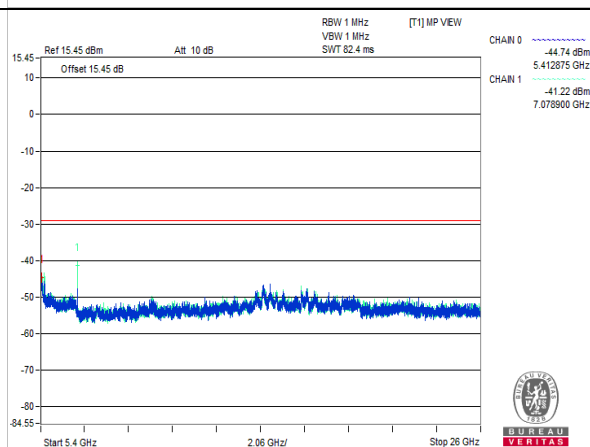
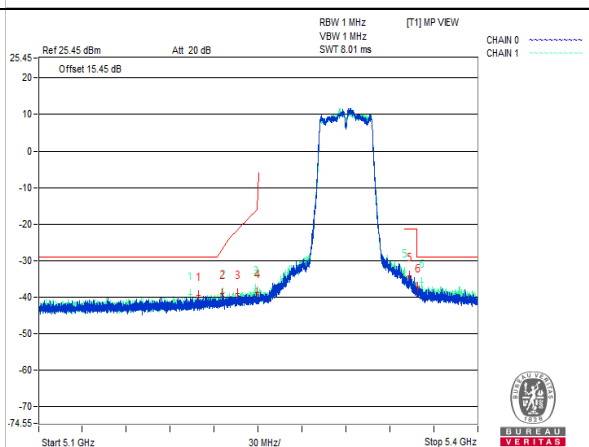
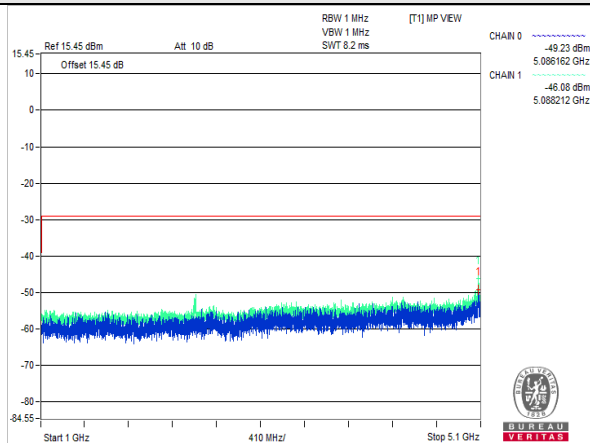
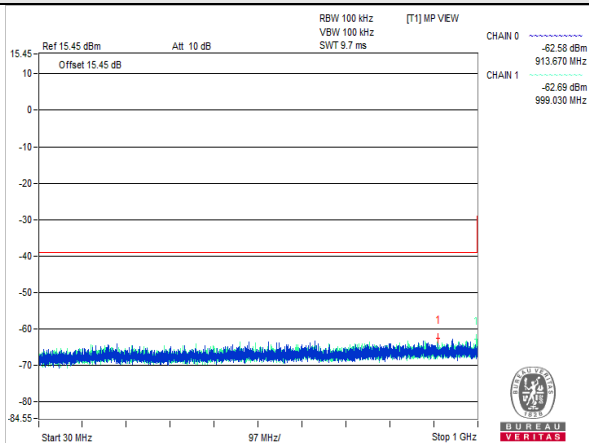
CH 62 (5310MHz)

V_{max}.



CH 62 (5310MHz)

V min.



CH 62 (5310MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 54 (5270MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000890	0.25	PASS
	1000.0 to 5100.0	0.019680	2.5	PASS
	5100.0 to 5221.6	0.246620	2.5	PASS
	5221.6 to 5230.0	0.279274	7.309672	PASS
	5230.0 to 5249.0	23.016008	49.937022	PASS
	5249.0 to 5250.0	101.398142	500	PASS
	5350.0 to 5358.4	0.249476	15	PASS
	5358.4 to 5400.0	0.238798	2.5	PASS
	5400.0 to 26000.0	0.280562	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000818	0.25	PASS
	1000.0 to 5100.0	0.020656	2.5	PASS
	5100.0 to 5221.6	0.234980	2.5	PASS
	5221.6 to 5230.0	0.224920	6.52664	PASS
	5230.0 to 5249.0	18.837792	50	PASS
	5249.0 to 5250.0	82.990808	458.110246	PASS
	5350.0 to 5358.4	0.257650	15	PASS
	5358.4 to 5400.0	0.200462	2.5	PASS
	5400.0 to 26000.0	0.236608	2.5	PASS
V_{min.}	30.0 to 1000.0	0.000878	0.25	PASS
	1000.0 to 5100.0	0.020092	2.5	PASS
	5100.0 to 5221.6	0.225960	2.5	PASS
	5221.6 to 5230.0	0.263044	5.097134	PASS
	5230.0 to 5249.0	23.069066	49.75821	PASS
	5249.0 to 5250.0	88.517674	500	PASS
	5350.0 to 5358.4	0.183666	15	PASS
	5358.4 to 5400.0	0.200924	2.5	PASS
	5400.0 to 26000.0	0.265478	2.5	PASS

TEST CHANNEL		CH 62 (5310MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000894	0.25	PASS
	1000.0 to 5100.0	0.037672	2.5	PASS
	5100.0 to 5221.6	0.243798	2.5	PASS
	5221.6 to 5230.0	0.252366	7.500866	PASS
	5230.0 to 5249.0	0.311194	40.592302	PASS
	5249.0 to 5250.0	0.274176	74.811782	PASS
	5350.0 to 5358.4	0.926894	15	PASS
	5358.4 to 5400.0	0.794384	2.5	PASS
	5400.0 to 26000.0	0.161820	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000998	0.25	PASS
	1000.0 to 5100.0	0.033192	2.5	PASS
	5100.0 to 5221.6	0.275442	2.5	PASS
	5221.6 to 5230.0	0.301322	5.979912	PASS
	5230.0 to 5249.0	0.392672	36.397812	PASS
	5249.0 to 5250.0	0.316250	458.110246	PASS
	5350.0 to 5358.4	1.114372	15	PASS
	5358.4 to 5400.0	0.543288	2.5	PASS
	5400.0 to 26000.0	0.158866	2.5	PASS
	30.0 to 1000.0	0.001104	0.25	PASS
	1000.0 to 5100.0	0.049320	2.5	PASS
	5100.0 to 5221.6	0.231756	2.5	PASS
	5221.6 to 5230.0	0.261234	4.345272	PASS
	5230.0 to 5249.0	0.332682	45.103694	PASS
	5249.0 to 5250.0	0.282508	96.821098	PASS
	5350.0 to 5358.4	0.966118	15	PASS
	5358.4 to 5400.0	0.523636	2.5	PASS
	5400.0 to 26000.0	0.151018	2.5	PASS
V_{min.}				

W56 Band:
802.11ac (VHT40)
Chain 0

TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	631.642	0.000500	0.625	PASS
	1000.0 to 5420.0	5287.400	0.045604	6.25	PASS
	5420.0 to 5460.0	5459.805	0.995405	6.25	PASS
	5460.0 to 5470.0	5466.265	1.655770	25	PASS
	5770.0 to 5800.0	5778.197	0.168267	6.25	PASS
	5800.0 to 26000.0	15819.200	0.025586	6.25	PASS
V_{max.}	30.0 to 1000.0	998.302	0.000499	0.625	PASS
	1000.0 to 5420.0	5288.505	0.039174	6.25	PASS
	5420.0 to 5460.0	5457.620	0.939723	6.25	PASS
	5460.0 to 5470.0	5466.075	1.458814	25	PASS
	5770.0 to 5800.0	5791.687	0.145881	6.25	PASS
	5800.0 to 26000.0	16157.550	0.025823	6.25	PASS
V_{min.}	30.0 to 1000.0	870.020	0.000440	0.625	PASS
	1000.0 to 5420.0	5287.400	0.057810	6.25	PASS
	5420.0 to 5460.0	5459.330	1.135011	6.25	PASS
	5460.0 to 5470.0	5466.122	1.702159	25	PASS
	5770.0 to 5800.0	5777.247	0.158489	6.25	PASS
	5800.0 to 26000.0	15829.300	0.024378	6.25	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	889.662	0.000524	0.625	PASS
	1000.0 to 5420.0	5368.065	0.085507	6.25	PASS
	5420.0 to 5460.0	5448.927	0.178649	6.25	PASS
	5460.0 to 5470.0	5465.742	0.122462	25	PASS
	5770.0 to 5800.0	5780.857	0.160325	6.25	PASS
	5800.0 to 26000.0	5812.625	0.087902	6.25	PASS
V_{max.}	30.0 to 1000.0	997.453	0.000435	0.625	PASS
	1000.0 to 5420.0	5367.512	0.097275	6.25	PASS
	5420.0 to 5460.0	5439.760	0.123027	6.25	PASS
	5460.0 to 5470.0	5467.737	0.119399	25	PASS
	5770.0 to 5800.0	5778.435	0.161808	6.25	PASS
	5800.0 to 26000.0	5812.625	0.094624	6.25	PASS
V_{min.}	30.0 to 1000.0	965.565	0.000502	0.625	PASS
	1000.0 to 5420.0	5368.065	0.110408	6.25	PASS
	5420.0 to 5460.0	5428.122	0.149624	6.25	PASS
	5460.0 to 5470.0	5465.220	0.142889	25	PASS
	5770.0 to 5800.0	5776.677	0.171396	6.25	PASS
	5800.0 to 26000.0	5810.100	0.074131	6.25	PASS

TEST CHANNEL		CH 134 (5670MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	970.778	0.000560	0.625	PASS
	1000.0 to 5420.0	5415.027	0.022542	6.25	PASS
	5420.0 to 5460.0	5447.645	0.188799	6.25	PASS
	5460.0 to 5470.0	5462.655	0.118032	25	PASS
	5770.0 to 5800.0	5773.495	0.245471	6.25	PASS
	5800.0 to 26000.0	5890.900	0.140929	6.25	PASS
V_{max.}	30.0 to 1000.0	913.306	0.000476	0.625	PASS
	1000.0 to 5420.0	5412.817	0.023014	6.25	PASS
	5420.0 to 5460.0	5447.455	0.175388	6.25	PASS
	5460.0 to 5470.0	5468.497	0.106660	25	PASS
	5770.0 to 5800.0	5770.787	0.173781	6.25	PASS
	5800.0 to 26000.0	5890.900	0.167880	6.25	PASS
V_{min.}	30.0 to 1000.0	876.446	0.000483	0.625	PASS
	1000.0 to 5420.0	5413.370	0.028840	6.25	PASS
	5420.0 to 5460.0	5445.935	0.201372	6.25	PASS
	5460.0 to 5470.0	5465.647	0.133968	25	PASS
	5770.0 to 5800.0	5780.050	0.269774	6.25	PASS
	5800.0 to 26000.0	5890.900	0.222844	6.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

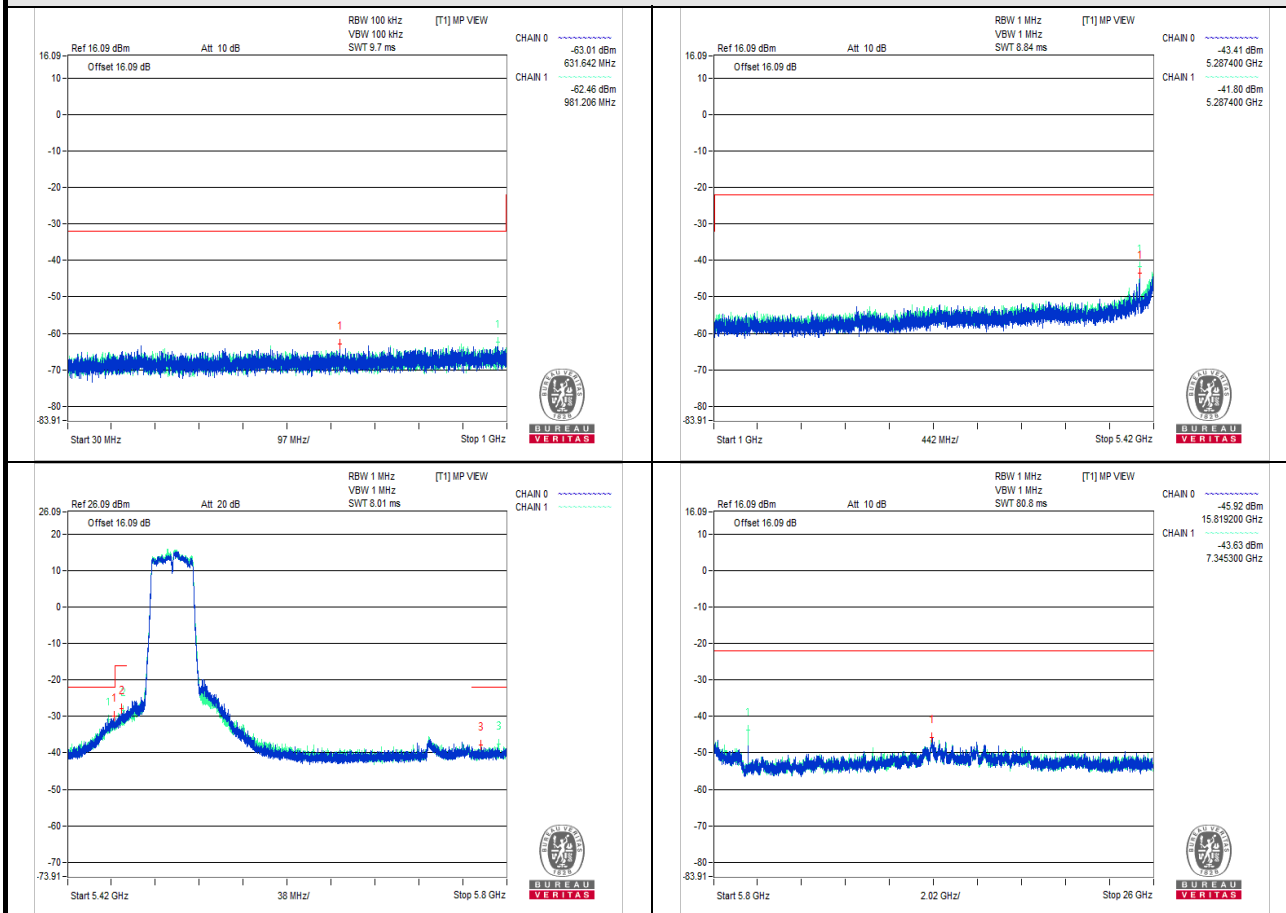
TEST CHANNEL		CH 102 (5510MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	981.206	0.000568	0.625	PASS
	1000.0 to 5420.0	5287.400	0.066069	6.25	PASS
	5420.0 to 5460.0	5454.627	0.824138	6.25	PASS
	5460.0 to 5470.0	5467.500	1.419058	25	PASS
	5770.0 to 5800.0	5793.302	0.177011	6.25	PASS
	5800.0 to 26000.0	7345.300	0.043351	6.25	PASS
V_{max.}	30.0 to 1000.0	904.091	0.000593	0.625	PASS
	1000.0 to 5420.0	5420.000	0.049774	6.25	PASS
	5420.0 to 5460.0	5458.000	0.946237	6.25	PASS
	5460.0 to 5470.0	5465.885	1.581248	25	PASS
	5770.0 to 5800.0	5793.492	0.193197	6.25	PASS
	5800.0 to 26000.0	7345.300	0.047643	6.25	PASS
V_{min.}	30.0 to 1000.0	887.237	0.000540	0.625	PASS
	1000.0 to 5420.0	5286.847	0.071614	6.25	PASS
	5420.0 to 5460.0	5458.142	0.778037	6.25	PASS
	5460.0 to 5470.0	5467.595	1.482518	25	PASS
	5770.0 to 5800.0	5772.165	0.160325	6.25	PASS
	5800.0 to 26000.0	7345.300	0.038548	6.25	PASS
TEST CHANNEL		CH 118 (5590MHz)			
V_{normal}	30.0 to 1000.0	741.980	0.000555	0.625	PASS
	1000.0 to 5420.0	5367.512	0.062517	6.25	PASS
	5420.0 to 5460.0	5452.395	0.130017	6.25	PASS
	5460.0 to 5470.0	5464.887	0.153109	25	PASS
	5770.0 to 5800.0	5797.292	0.172584	6.25	PASS
	5800.0 to 26000.0	5812.625	0.105196	6.25	PASS
V_{max.}	30.0 to 1000.0	963.261	0.000488	0.625	PASS
	1000.0 to 5420.0	5366.407	0.078524	6.25	PASS
	5420.0 to 5460.0	5428.692	0.142233	6.25	PASS
	5460.0 to 5470.0	5461.420	0.125603	25	PASS
	5770.0 to 5800.0	5776.155	0.153109	6.25	PASS
	5800.0 to 26000.0	5812.625	0.101859	6.25	PASS
V_{min.}	30.0 to 1000.0	902.757	0.000512	0.625	PASS
	1000.0 to 5420.0	5368.065	0.069024	6.25	PASS
	5420.0 to 5460.0	5421.757	0.158855	6.25	PASS
	5460.0 to 5470.0	5468.307	0.147571	25	PASS
	5770.0 to 5800.0	5786.605	0.186638	6.25	PASS
	5800.0 to 26000.0	5812.625	0.098401	6.25	PASS

TEST CHANNEL		CH 134 (5670MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	964.110	0.000479	0.625	PASS
	1000.0 to 5420.0	5414.475	0.024774	6.25	PASS
	5420.0 to 5460.0	5447.550	0.159221	6.25	PASS
	5460.0 to 5470.0	5463.082	0.098628	25	PASS
	5770.0 to 5800.0	5784.277	0.234423	6.25	PASS
	5800.0 to 26000.0	5893.425	0.097499	6.25	PASS
V_{max.}	30.0 to 1000.0	913.306	0.000525	0.625	PASS
	1000.0 to 5420.0	5417.237	0.029854	6.25	PASS
	5420.0 to 5460.0	5447.170	0.229615	6.25	PASS
	5460.0 to 5470.0	5462.465	0.119124	25	PASS
	5770.0 to 5800.0	5772.022	0.242661	6.25	PASS
	5800.0 to 26000.0	5890.900	0.115080	6.25	PASS
V_{min.}	30.0 to 1000.0	977.326	0.000525	0.625	PASS
	1000.0 to 5420.0	5412.817	0.025293	6.25	PASS
	5420.0 to 5460.0	5447.455	0.177011	6.25	PASS
	5460.0 to 5470.0	5460.090	0.110662	25	PASS
	5770.0 to 5800.0	5787.792	0.200447	6.25	PASS
	5800.0 to 26000.0	5890.900	0.094406	6.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

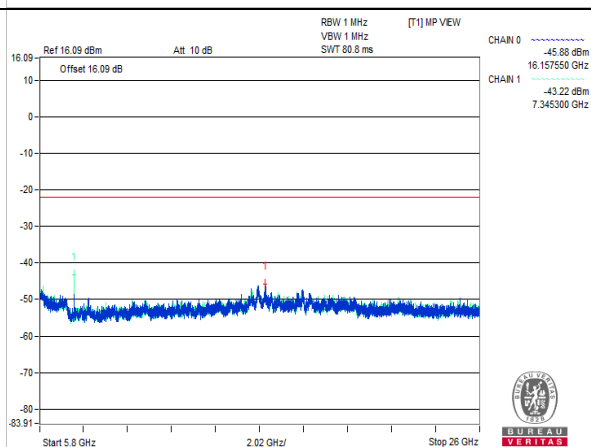
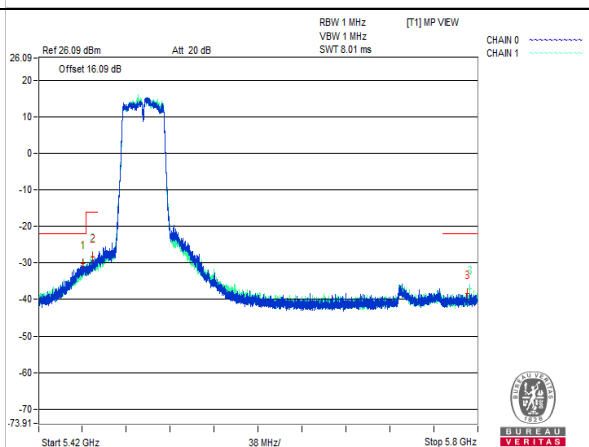
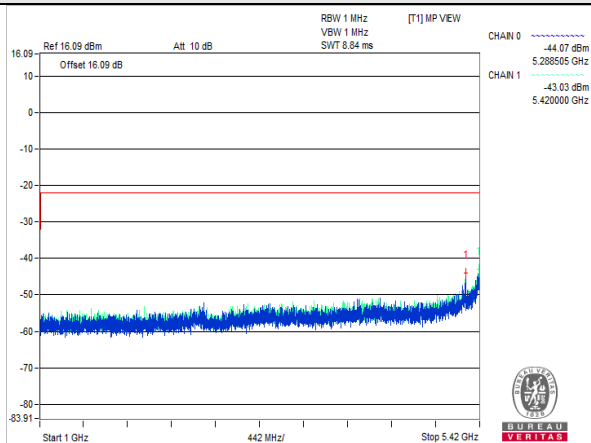
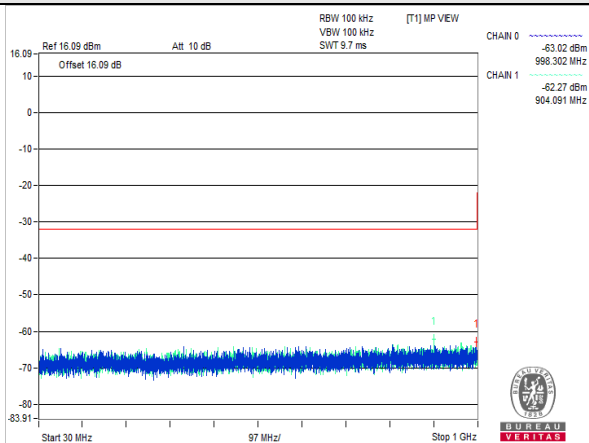
Graph

Vnormal



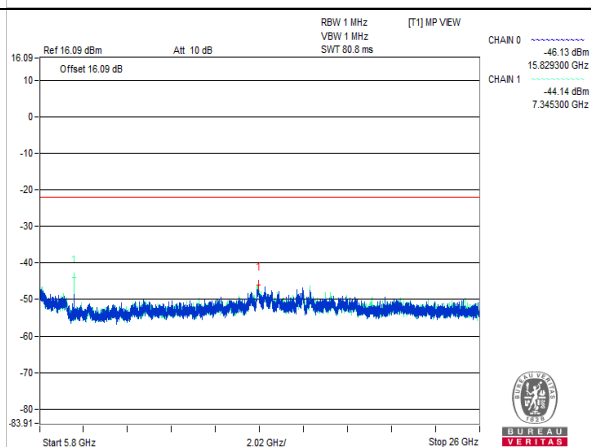
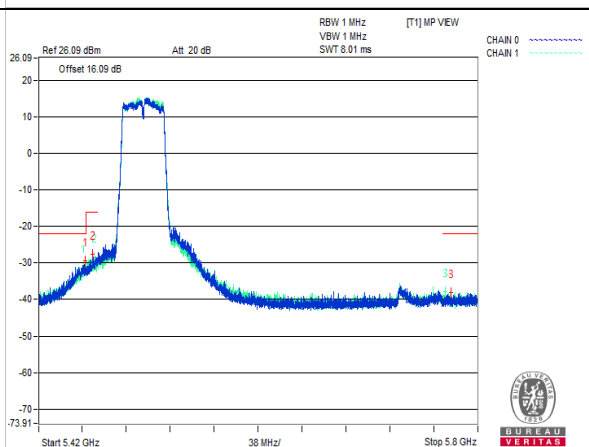
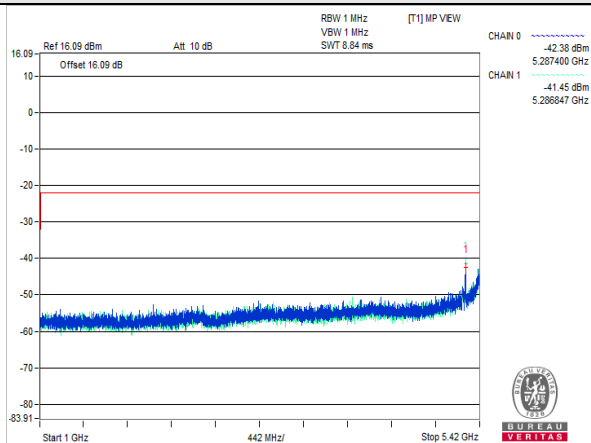
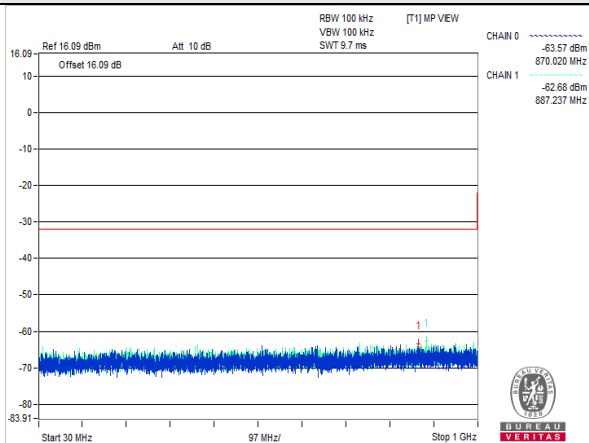
CH 102 (5510MHz)

V_{max}.



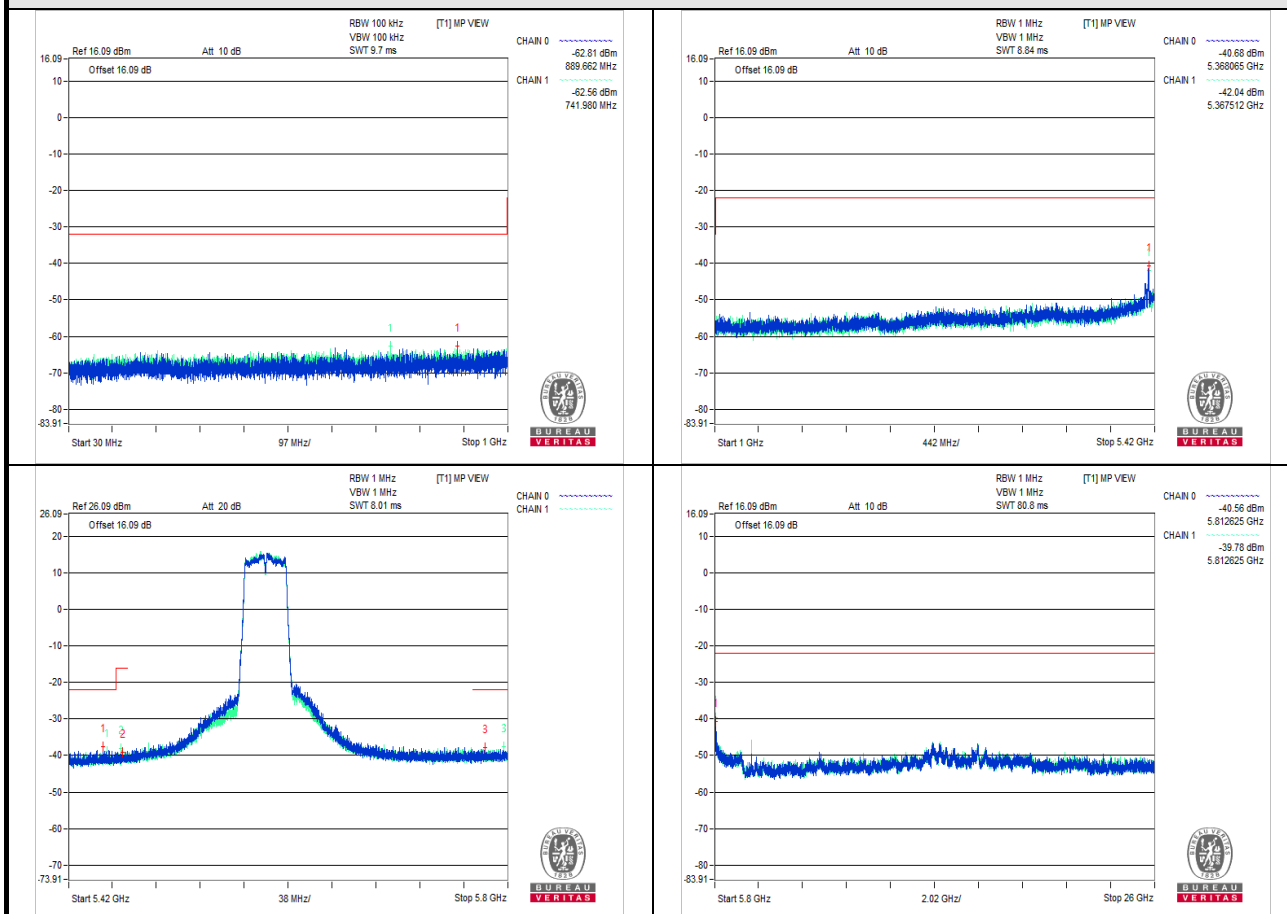
CH 102 (5510MHz)

V min.



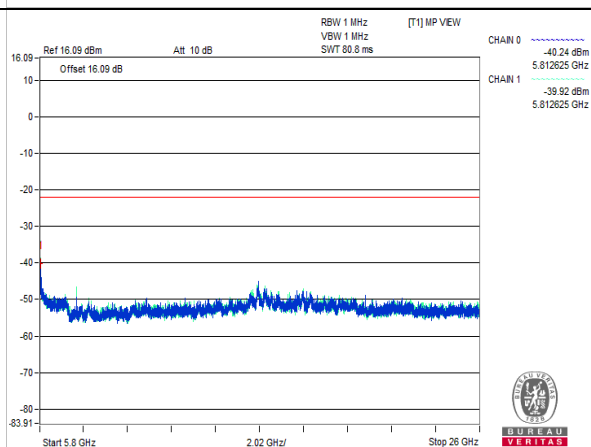
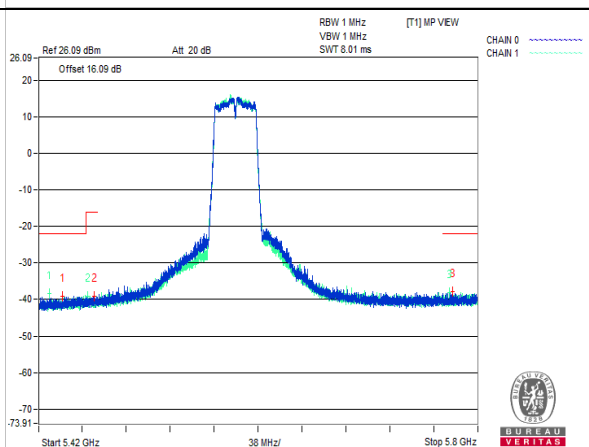
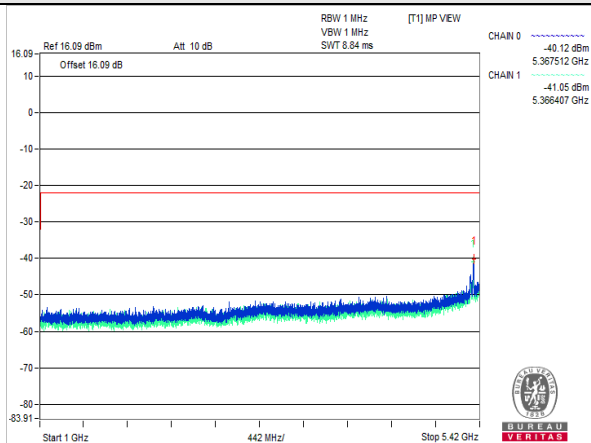
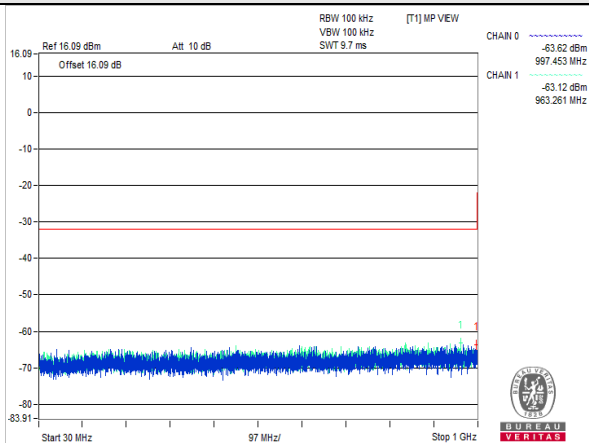
CH 102 (5510MHz)

Vnormal



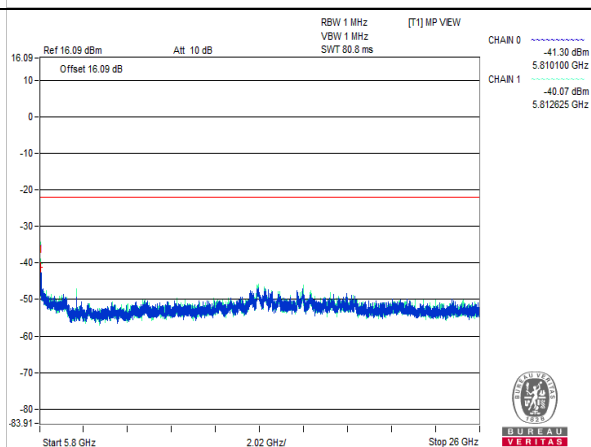
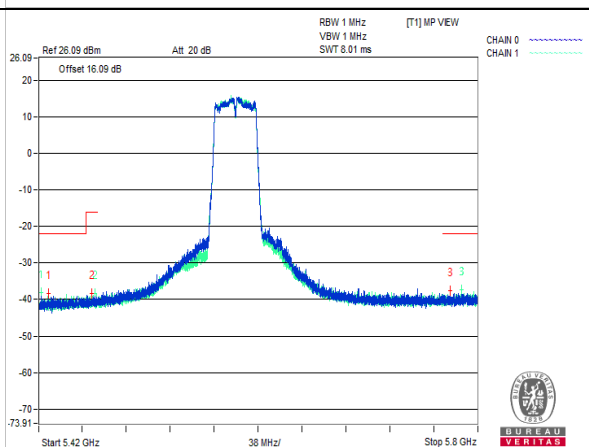
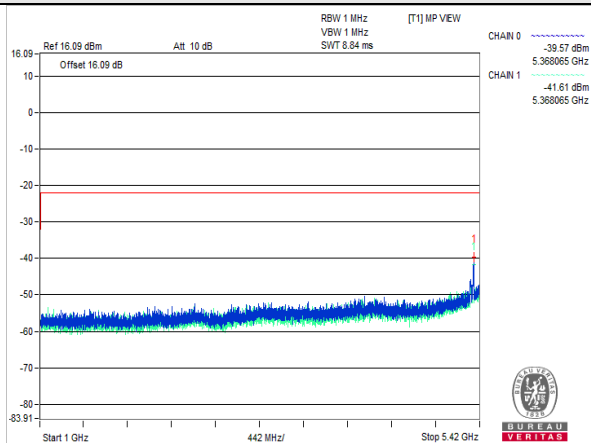
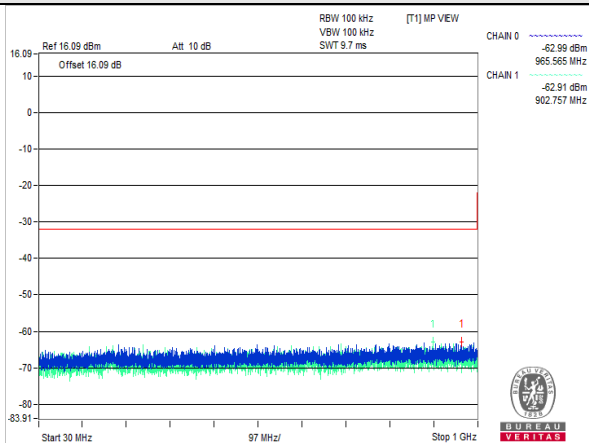
CH 118 (5590MHz)

V_{max}.



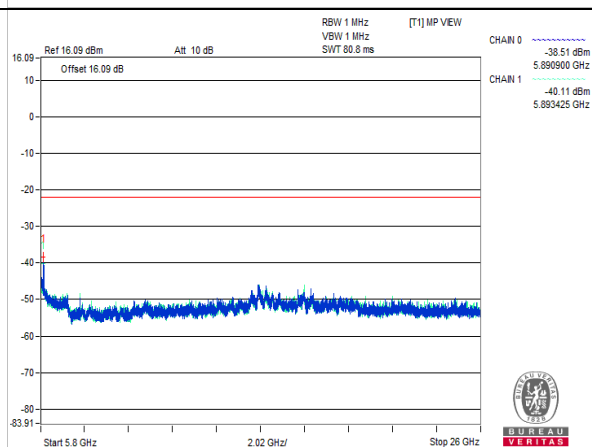
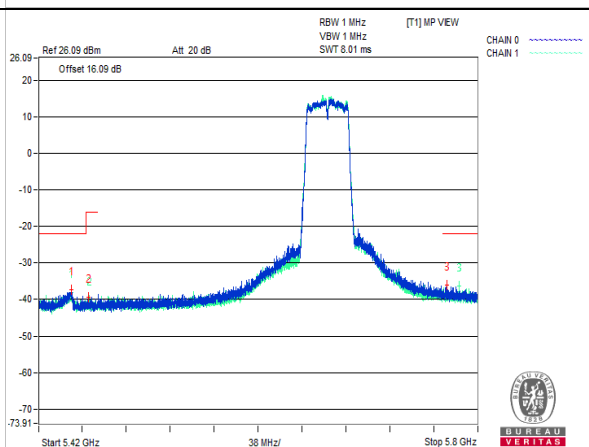
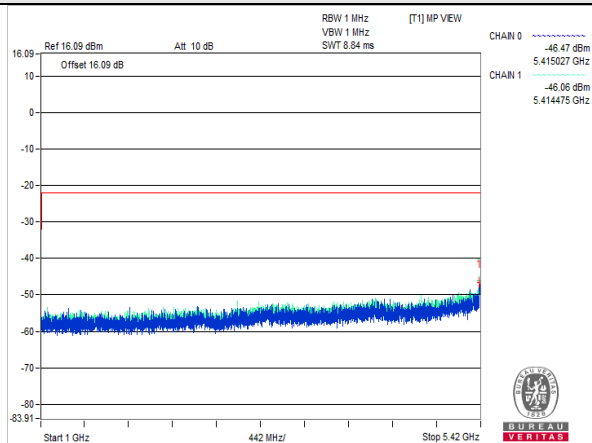
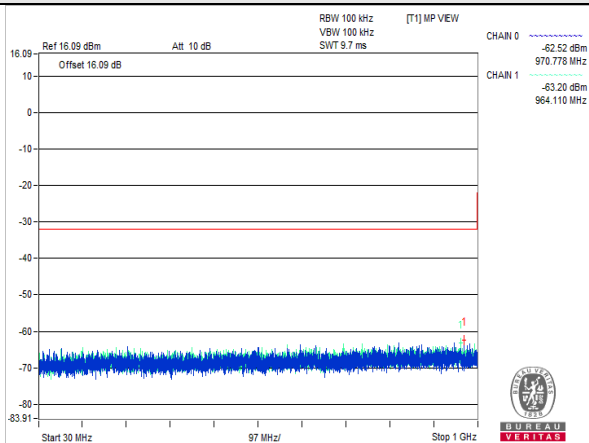
CH 118 (5590MHz)

V min.



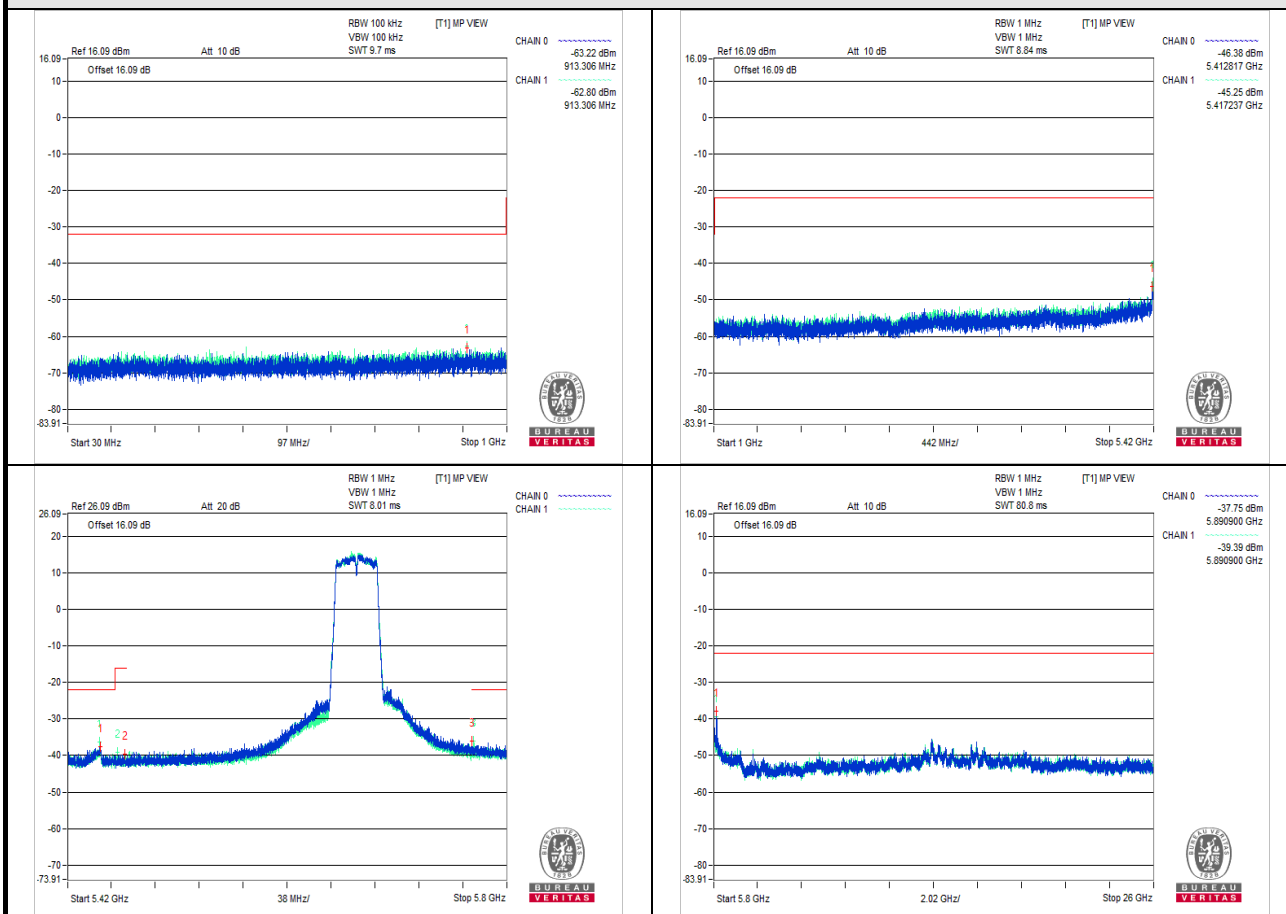
CH 118 (5590MHz)

Vnormal



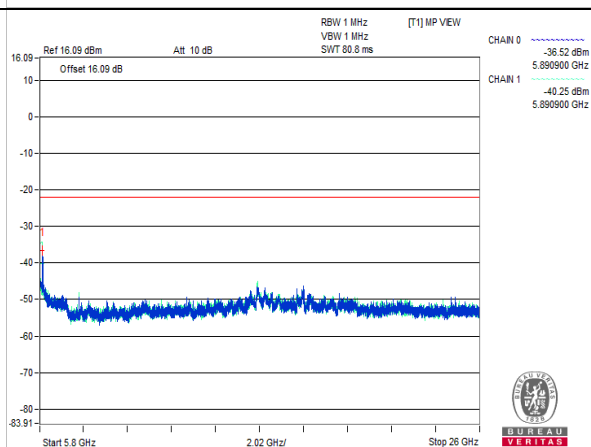
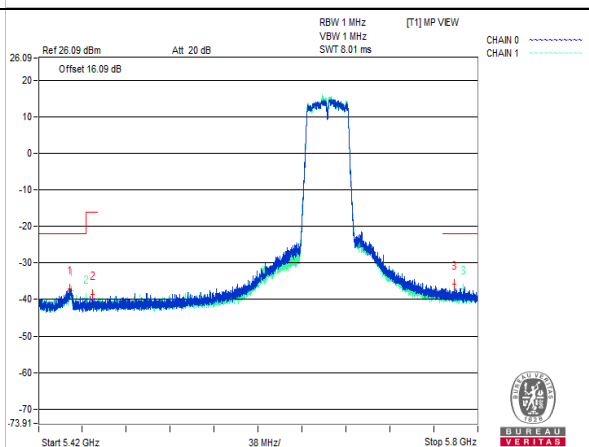
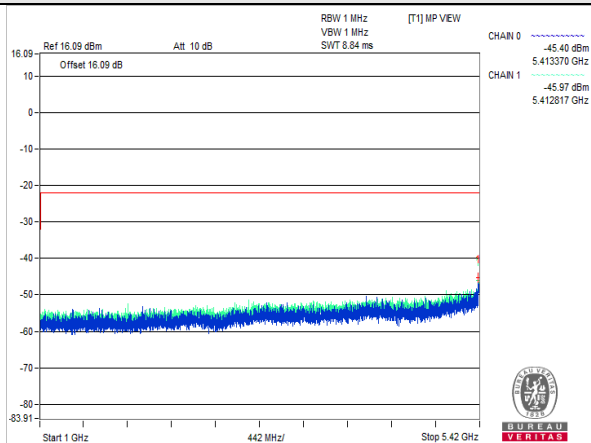
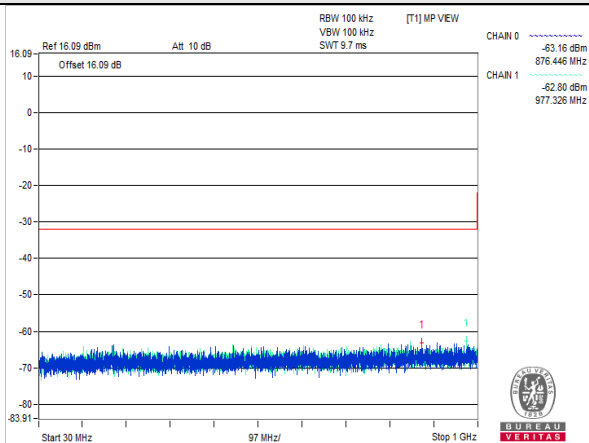
CH 134 (5670MHz)

V_{max}.



CH 134 (5670MHz)

V min.



CH 134 (5670MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 102 (5510MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001136	1.25	PASS
	1000.0 to 5420.0	0.132138	12.5	PASS
	5420.0 to 5460.0	1.990810	12.5	PASS
	5460.0 to 5470.0	3.311540	50	PASS
	5770.0 to 5800.0	0.354022	12.5	PASS
	5800.0 to 26000.0	0.086702	12.5	PASS
V_{max.}	30.0 to 1000.0	0.001186	1.25	PASS
	1000.0 to 5420.0	0.099548	12.5	PASS
	5420.0 to 5460.0	1.892474	12.5	PASS
	5460.0 to 5470.0	3.162496	50	PASS
	5770.0 to 5800.0	0.386394	12.5	PASS
	5800.0 to 26000.0	0.095286	12.5	PASS
V_{min.}	30.0 to 1000.0	0.001080	1.25	PASS
	1000.0 to 5420.0	0.143228	12.5	PASS
	5420.0 to 5460.0	2.270022	12.5	PASS
	5460.0 to 5470.0	3.404318	50	PASS
	5770.0 to 5800.0	0.320650	12.5	PASS
	5800.0 to 26000.0	0.077096	12.5	PASS
TEST CHANNEL		CH 118 (5590MHz)		
V_{normal}	30.0 to 1000.0	0.001110	1.25	PASS
	1000.0 to 5420.0	0.171014	12.5	PASS
	5420.0 to 5460.0	0.357298	12.5	PASS
	5460.0 to 5470.0	0.306218	50	PASS
	5770.0 to 5800.0	0.345168	12.5	PASS
	5800.0 to 26000.0	0.210392	12.5	PASS
V_{max.}	30.0 to 1000.0	0.000976	1.25	PASS
	1000.0 to 5420.0	0.194550	12.5	PASS
	5420.0 to 5460.0	0.284466	12.5	PASS
	5460.0 to 5470.0	0.251206	50	PASS
	5770.0 to 5800.0	0.323616	12.5	PASS
	5800.0 to 26000.0	0.203718	12.5	PASS
V_{min.}	30.0 to 1000.0	0.001024	1.25	PASS
	1000.0 to 5420.0	0.220816	12.5	PASS
	5420.0 to 5460.0	0.317710	12.5	PASS
	5460.0 to 5470.0	0.295142	50	PASS
	5770.0 to 5800.0	0.373276	12.5	PASS
	5800.0 to 26000.0	0.196802	12.5	PASS

TEST CHANNEL		CH 134 (5670MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001120	1.25	PASS
	1000.0 to 5420.0	0.049548	12.5	PASS
	5420.0 to 5460.0	0.377598	12.5	PASS
	5460.0 to 5470.0	0.236064	50	PASS
	5770.0 to 5800.0	0.490942	12.5	PASS
	5800.0 to 26000.0	0.281858	12.5	PASS
V_{max.}	30.0 to 1000.0	0.001050	1.25	PASS
	1000.0 to 5420.0	0.059708	12.5	PASS
	5420.0 to 5460.0	0.459230	12.5	PASS
	5460.0 to 5470.0	0.238248	50	PASS
	5770.0 to 5800.0	0.485322	12.5	PASS
	5800.0 to 26000.0	0.335760	12.5	PASS
V_{min.}	30.0 to 1000.0	0.001050	1.25	PASS
	1000.0 to 5420.0	0.057680	12.5	PASS
	5420.0 to 5460.0	0.402744	12.5	PASS
	5460.0 to 5470.0	0.267936	50	PASS
	5770.0 to 5800.0	0.539548	12.5	PASS
	5800.0 to 26000.0	0.445688	12.5	PASS

W52 Band:
802.11ac (VHT80)
Chain 0

TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	913.791	0.000499	0.125	PASS
	1000.0 to 5020.0	4976.282	0.011015	1.25	PASS
	5020.0 to 5123.2	5022.875	0.099083	1.25	PASS
	5123.2 to 5150.0	5134.425	0.107399	7.5	PASS
	5250.0 to 5251.0	5250.057	14.962357	109.625103	PASS
	5251.0 to 5290.0	5251.000	6.441693	12.5	PASS
	5290.0 to 5296.7	5291.342	0.111173	1.806551	PASS
	5296.7 to 5480.0	5318.022	0.123595	1.25	PASS
	5480.0 to 26000.0	15850.295	0.023281	1.25	PASS
V_{max.}	30.0 to 1000.0	979.993	0.000508	0.125	PASS
	1000.0 to 5020.0	4956.182	0.007516	1.25	PASS
	5020.0 to 5123.2	5079.627	0.102565	1.25	PASS
	5123.2 to 5150.0	5148.225	0.119124	7.5	PASS
	5250.0 to 5251.0	5250.057	22.646443	109.625103	PASS
	5251.0 to 5290.0	5251.150	7.638358	12.411752	PASS
	5290.0 to 5296.7	5296.517	0.097499	1.265822	PASS
	5296.7 to 5480.0	5308.075	0.123880	1.25	PASS
	5480.0 to 26000.0	15788.735	0.026977	1.25	PASS
V_{min.}	30.0 to 1000.0	896.210	0.000302	0.125	PASS
	1000.0 to 5020.0	4983.820	0.009683	1.25	PASS
	5020.0 to 5123.2	5109.412	0.099083	1.25	PASS
	5123.2 to 5150.0	5143.740	0.129420	7.5	PASS
	5250.0 to 5251.0	5250.000	14.893611	125	PASS
	5251.0 to 5290.0	5251.000	7.585776	12.5	PASS
	5290.0 to 5296.7	5292.377	0.111686	1.682499	PASS
	5296.7 to 5480.0	5443.430	0.121060	1.25	PASS
	5480.0 to 26000.0	15786.170	0.020559	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

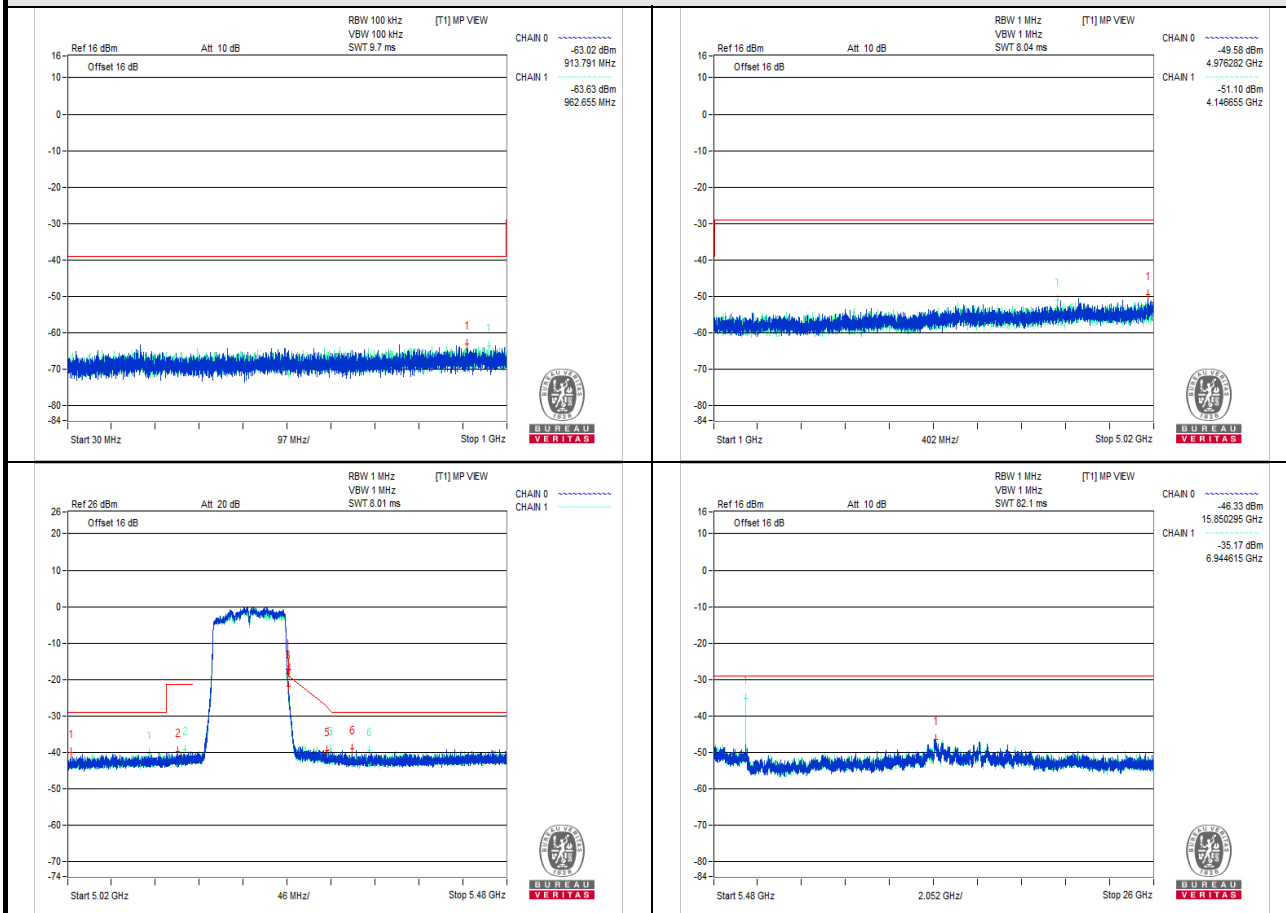
Chain 1

TEST CHANNEL		CH 42 (5210MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	962.655	0.000434	0.125	PASS
	1000.0 to 5020.0	4146.655	0.007762	1.25	PASS
	5020.0 to 5123.2	5104.640	0.095280	1.25	PASS
	5123.2 to 5150.0	5142.072	0.116681	7.5	PASS
	5250.0 to 5251.0	5250.172	13.304544	84.122082	PASS
	5251.0 to 5290.0	5251.035	4.055085	12.479353	PASS
	5290.0 to 5296.7	5294.562	0.117220	1.447874	PASS
	5296.7 to 5480.0	5335.675	0.114551	1.25	PASS
	5480.0 to 26000.0	6944.615	0.304089	1.25	PASS
V_{max.}	30.0 to 1000.0	461.528	0.000558	0.125	PASS
	1000.0 to 5020.0	4974.272	0.008790	1.25	PASS
	5020.0 to 5123.2	5115.507	0.125314	1.25	PASS
	5123.2 to 5150.0	5145.925	0.138038	7.5	PASS
	5250.0 to 5251.0	5250.000	12.676519	125	PASS
	5251.0 to 5290.0	5251.035	4.841724	12.479353	PASS
	5290.0 to 5296.7	5294.850	0.102565	1.419495	PASS
	5296.7 to 5480.0	5467.982	0.117220	1.25	PASS
	5480.0 to 26000.0	6944.615	0.297167	1.25	PASS
V_{min.}	30.0 to 1000.0	949.560	0.000465	0.125	PASS
	1000.0 to 5020.0	4146.692	0.006732	1.25	PASS
	5020.0 to 5123.2	5122.062	0.105439	1.25	PASS
	5123.2 to 5150.0	5146.960	0.114815	7.5	PASS
	5250.0 to 5251.0	5250.172	12.133889	84.122082	PASS
	5251.0 to 5290.0	5251.000	4.355119	12.5	PASS
	5290.0 to 5296.7	5293.182	0.122462	1.591934	PASS
	5296.7 to 5480.0	5469.420	0.134276	1.25	PASS
	5480.0 to 26000.0	6944.615	0.309030	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

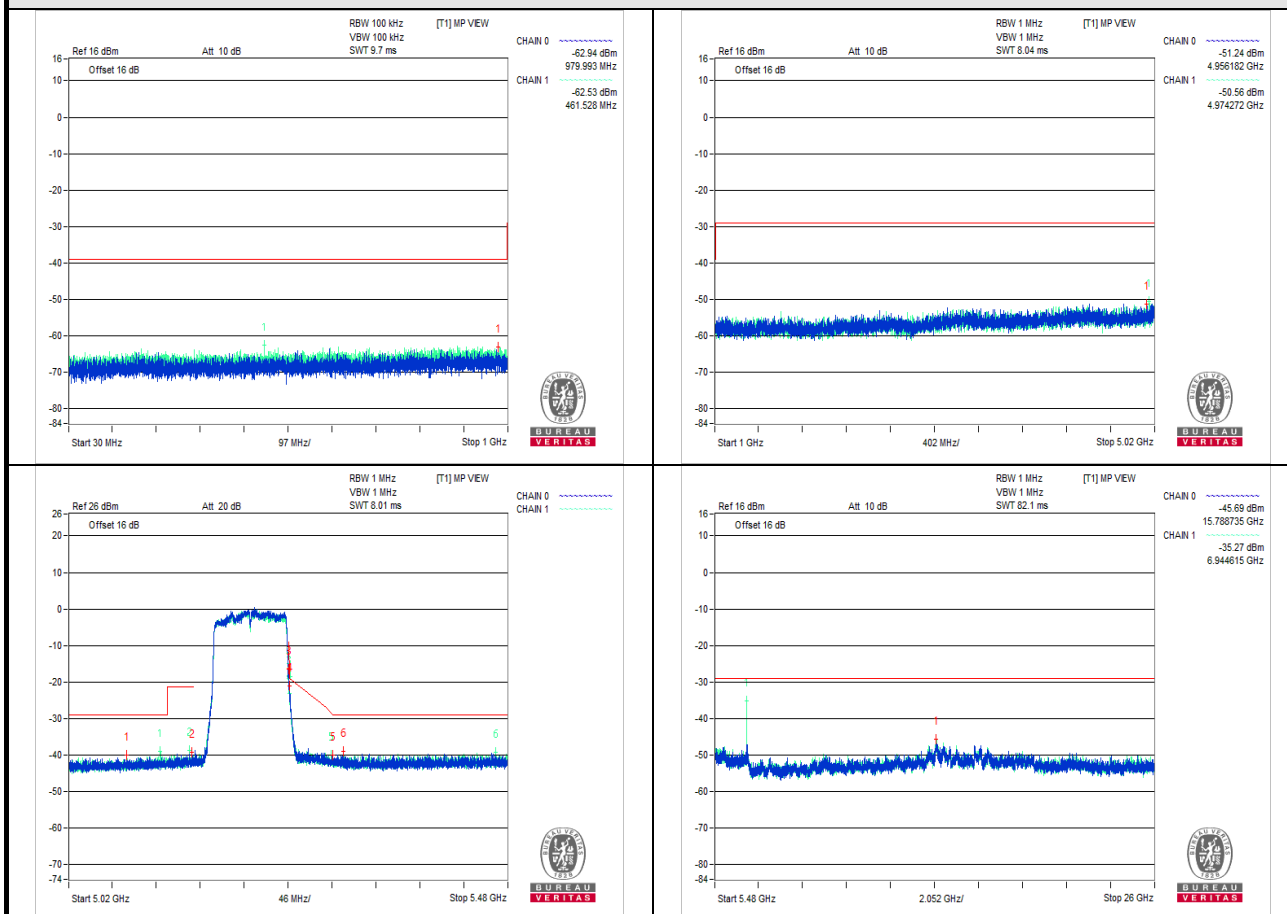
Graph

V_{normal}



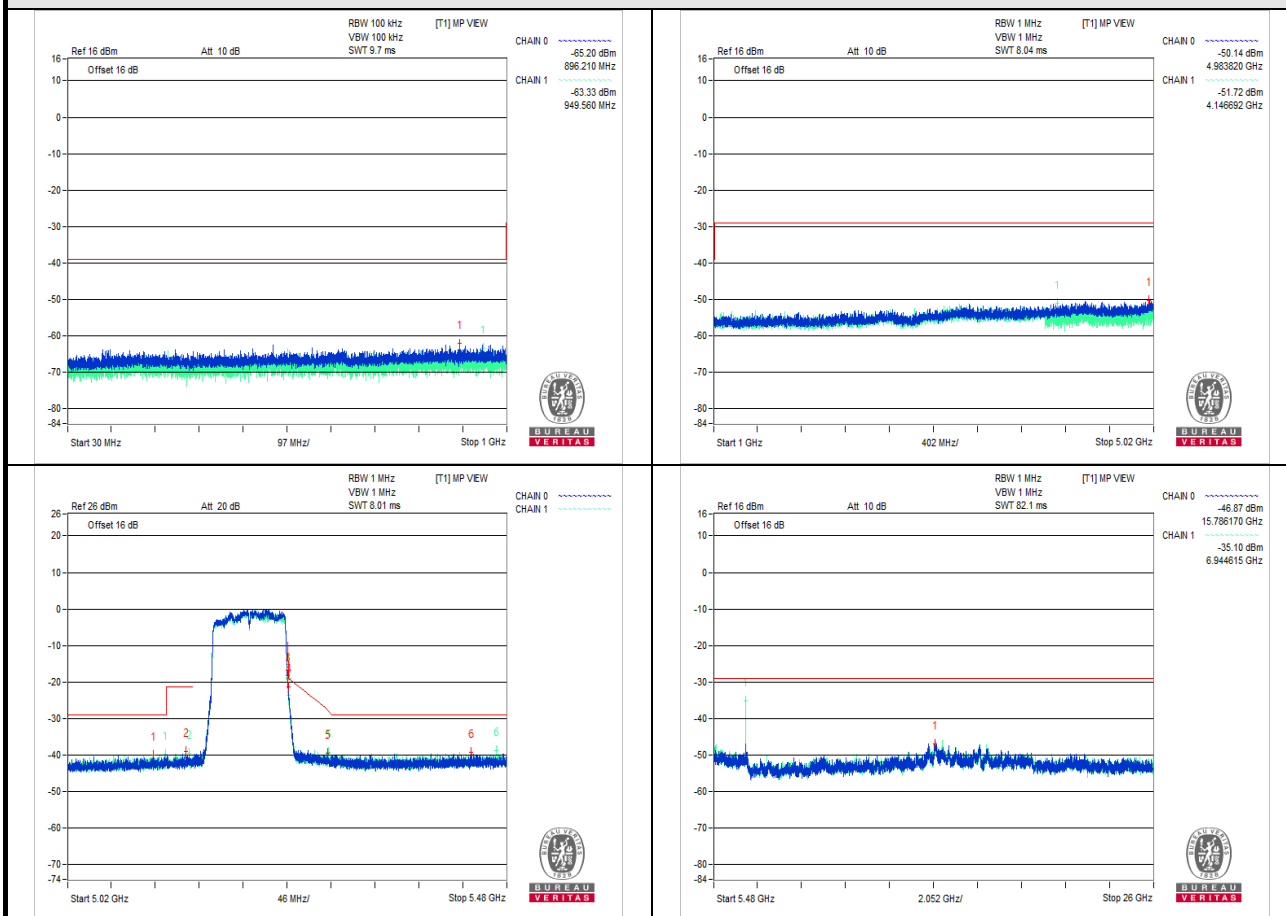
CH 42 (5210MHz)

Vmax.



CH 42 (5210MHz)

V min.



CH 42 (5210MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 42 (5210MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000998	0.25	PASS
	1000.0 to 5020.0	0.022030	2.5	PASS
	5020.0 to 5123.2	0.198166	2.5	PASS
	5123.2 to 5150.0	0.233362	15	PASS
	5250.0 to 5251.0	29.924714	219.250206	PASS
	5251.0 to 5290.0	12.883386	25	PASS
	5290.0 to 5296.7	0.234440	2.895748	PASS
	5296.7 to 5480.0	0.247190	2.5	PASS
	5480.0 to 26000.0	0.608178	2.5	PASS
V_{max.}	30.0 to 1000.0	0.001116	0.25	PASS
	1000.0 to 5020.0	0.017580	2.5	PASS
	5020.0 to 5123.2	0.250628	2.5	PASS
	5123.2 to 5150.0	0.276076	15	PASS
	5250.0 to 5251.0	45.292886	219.250206	PASS
	5251.0 to 5290.0	15.276716	24.823504	PASS
	5290.0 to 5296.7	0.205130	2.83899	PASS
	5296.7 to 5480.0	0.247760	2.5	PASS
	5480.0 to 26000.0	0.594334	2.5	PASS
V_{min.}	30.0 to 1000.0	0.000930	0.25	PASS
	1000.0 to 5020.0	0.019366	2.5	PASS
	5020.0 to 5123.2	0.210878	2.5	PASS
	5123.2 to 5150.0	0.258840	15	PASS
	5250.0 to 5251.0	29.787222	250	PASS
	5251.0 to 5290.0	15.171552	25	PASS
	5290.0 to 5296.7	0.244924	3.183868	PASS
	5296.7 to 5480.0	0.268552	2.5	PASS
	5480.0 to 26000.0	0.618060	2.5	PASS

W53 Band:
802.11ac (VHT80)
Chain 0

TEST CHANNEL		CH 58 (5290MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	939.617	0.000407	0.125	PASS
	1000.0 to 5020.0	4980.302	0.007499	1.25	PASS
	5020.0 to 5203.3	5108.377	0.094624	1.25	PASS
	5203.3 to 5210.0	5207.220	0.084140	1.636534	PASS
	5210.0 to 5249.0	5248.735	3.097419	12.344517	PASS
	5249.0 to 5250.0	5250.000	8.053784	125	PASS
	5350.0 to 5376.8	5351.832	0.170216	7.5	PASS
	5376.8 to 5480.0	5380.870	0.116145	1.25	PASS
	5480.0 to 26000.0	15860.555	0.022336	1.25	PASS
V_{max.}	30.0 to 1000.0	974.537	0.000481	0.125	PASS
	1000.0 to 5020.0	4782.820	0.007194	1.25	PASS
	5020.0 to 5203.3	5151.847	0.115878	1.25	PASS
	5203.3 to 5210.0	5205.495	0.091201	1.453558	PASS
	5210.0 to 5249.0	5249.000	4.285485	12.5	PASS
	5249.0 to 5250.0	5250.000	9.506048	125	PASS
	5350.0 to 5376.8	5352.177	0.186638	7.5	PASS
	5376.8 to 5480.0	5467.925	0.113501	1.25	PASS
	5480.0 to 26000.0	15791.300	0.031989	1.25	PASS
V_{min.}	30.0 to 1000.0	928.462	0.000470	0.125	PASS
	1000.0 to 5020.0	4310.470	0.006194	1.25	PASS
	5020.0 to 5203.3	5142.475	0.098175	1.25	PASS
	5203.3 to 5210.0	5207.737	0.083368	1.695734	PASS
	5210.0 to 5249.0	5249.000	3.917419	12.5	PASS
	5249.0 to 5250.0	5249.942	8.953648	109.372972	PASS
	5350.0 to 5376.8	5354.650	0.185353	7.5	PASS
	5376.8 to 5480.0	5378.627	0.113763	1.25	PASS
	5480.0 to 26000.0	15822.080	0.023878	1.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

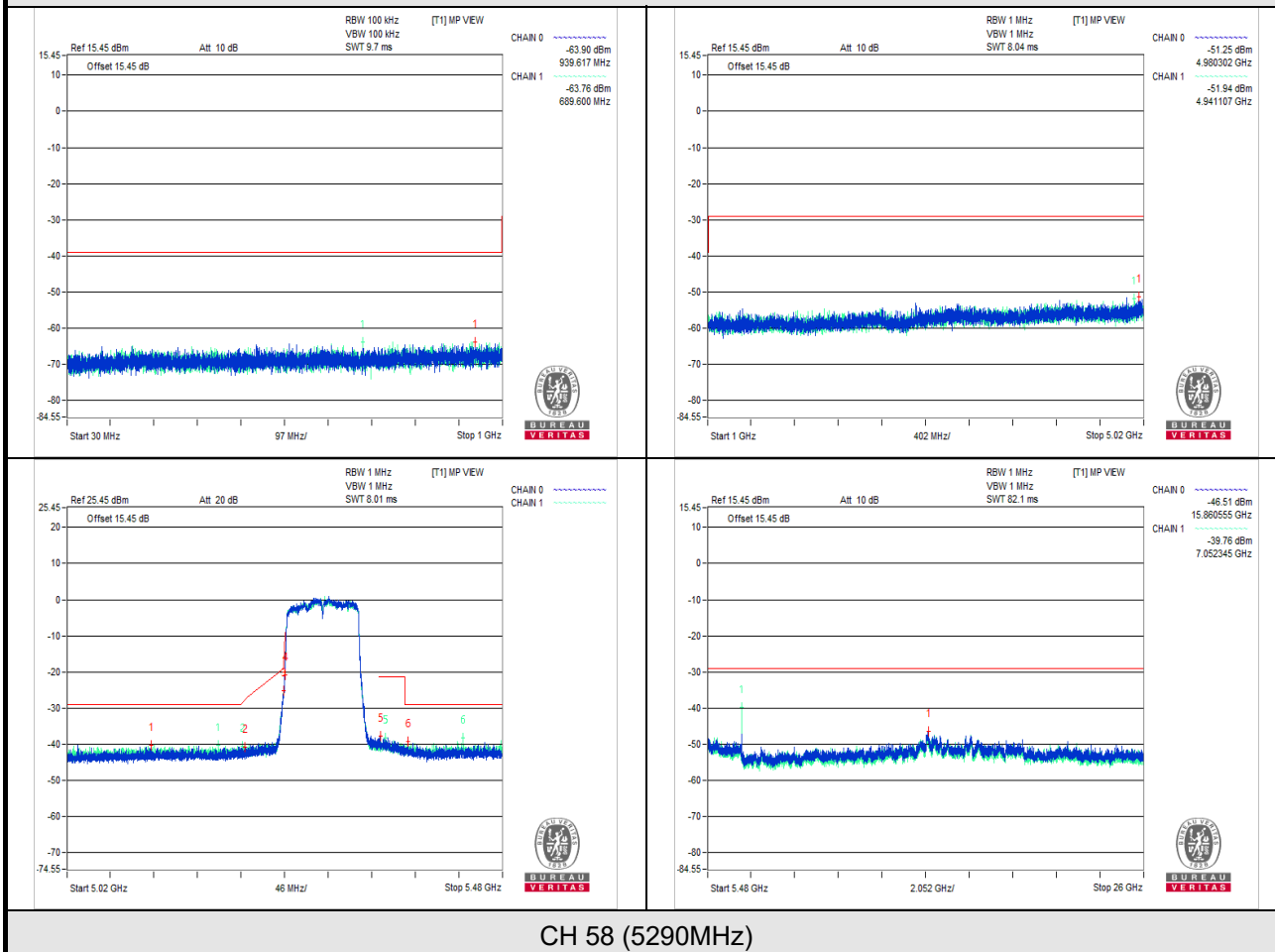
Chain 1

TEST CHANNEL		CH 58 (5290MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(μ W)	LIMIT (μ W)	RESULT
V_{normal}	30.0 to 1000.0	689.600	0.000421	0.125	PASS
	1000.0 to 5020.0	4941.107	0.006397	1.25	PASS
	5020.0 to 5203.3	5179.620	0.092470	1.25	PASS
	5203.3 to 5210.0	5204.977	0.088920	1.402716	PASS
	5210.0 to 5249.0	5248.965	2.978516	12.479353	PASS
	5249.0 to 5250.0	5250.000	8.035261	125	PASS
	5350.0 to 5376.8	5357.007	0.146555	7.5	PASS
	5376.8 to 5480.0	5439.290	0.147911	1.25	PASS
	5480.0 to 26000.0	7052.345	0.105682	1.25	PASS
V_{max.}	30.0 to 1000.0	889.056	0.000404	0.125	PASS
	1000.0 to 5020.0	4954.675	0.005916	1.25	PASS
	5020.0 to 5203.3	5199.112	0.100693	1.25	PASS
	5203.3 to 5210.0	5206.185	0.086099	1.524156	PASS
	5210.0 to 5249.0	5248.850	3.411929	12.411752	PASS
	5249.0 to 5250.0	5250.000	10.303861	125	PASS
	5350.0 to 5376.8	5364.770	0.123595	7.5	PASS
	5376.8 to 5480.0	5409.275	0.103514	1.25	PASS
	5480.0 to 26000.0	7052.345	0.098628	1.25	PASS
V_{min.}	30.0 to 1000.0	976.720	0.000378	0.125	PASS
	1000.0 to 5020.0	4455.190	0.005929	1.25	PASS
	5020.0 to 5203.3	5152.997	0.107647	1.25	PASS
	5203.3 to 5210.0	5208.082	0.089536	1.736426	PASS
	5210.0 to 5249.0	5248.965	2.642409	12.479353	PASS
	5249.0 to 5250.0	5249.942	8.035261	109.372972	PASS
	5350.0 to 5376.8	5350.280	0.170608	7.5	PASS
	5376.8 to 5480.0	5454.527	0.107647	1.25	PASS
	5480.0 to 26000.0	7052.345	0.109396	1.25	PASS

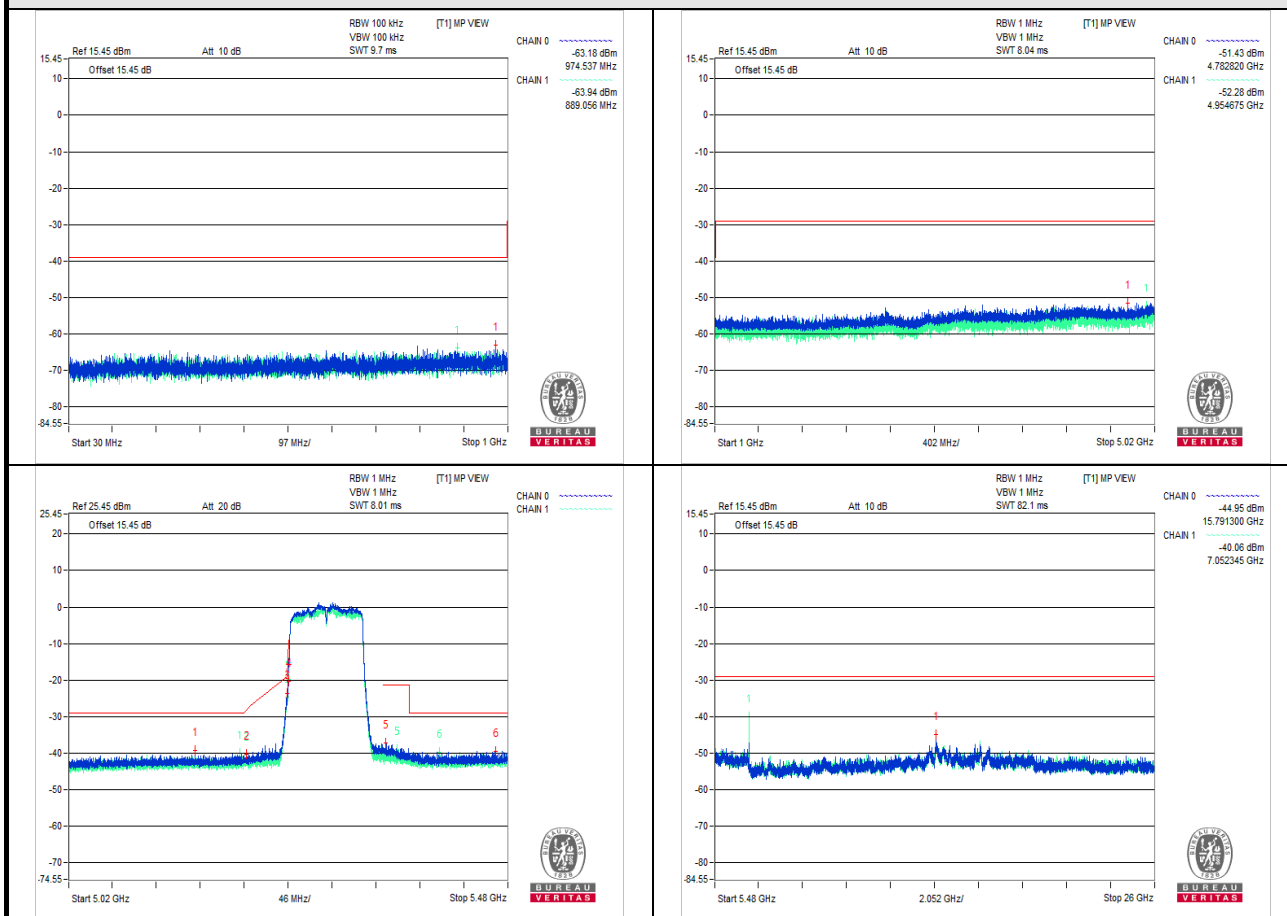
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

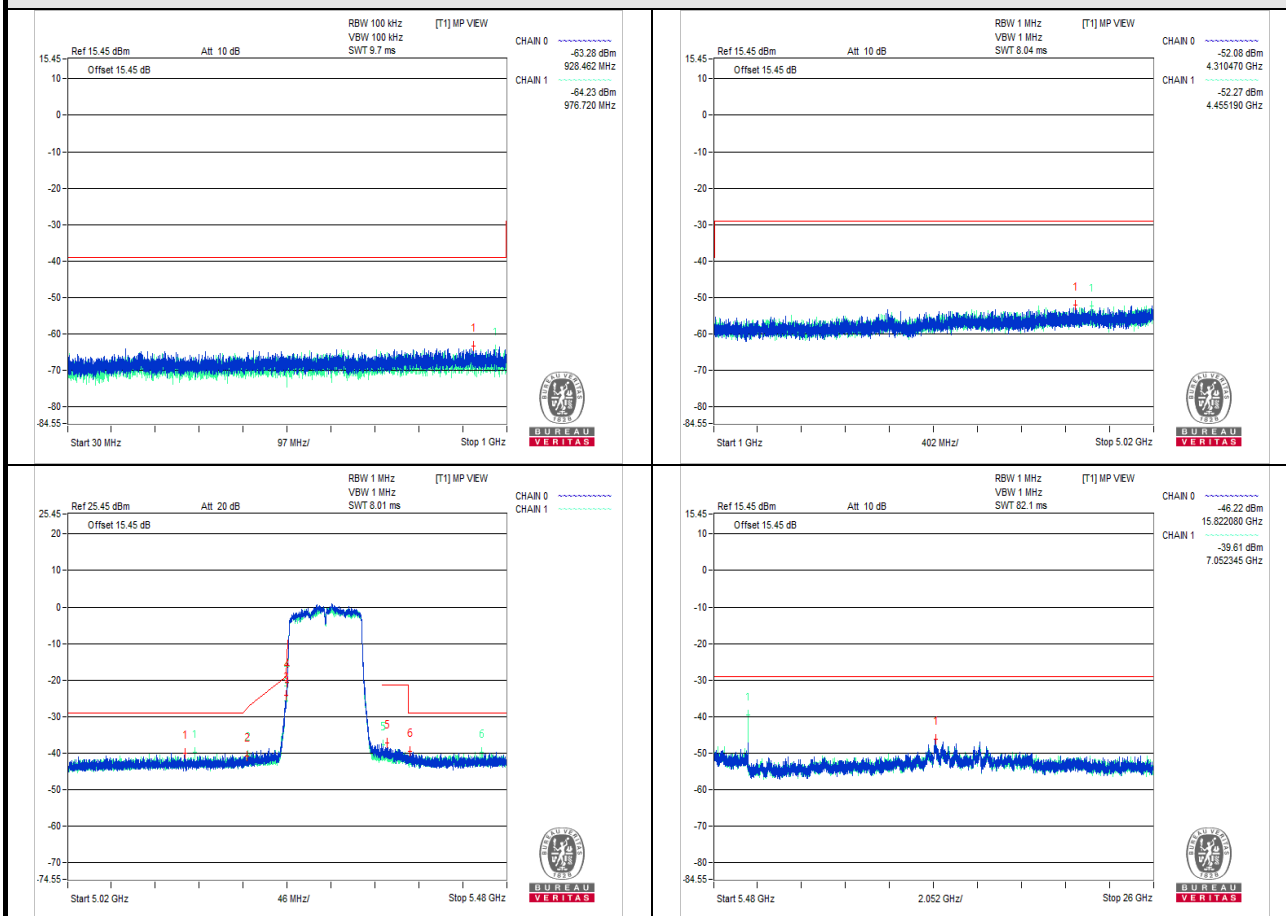


V_{max}.



CH 58 (5290MHz)

V min.



CH 58 (5290MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 58 (5290MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.000842	0.25	PASS
	1000.0 to 5020.0	0.014998	2.5	PASS
	5020.0 to 5203.3	0.189248	2.5	PASS
	5203.3 to 5210.0	0.177840	2.805432	PASS
	5210.0 to 5249.0	6.194838	24.689034	PASS
	5249.0 to 5250.0	16.107568	250	PASS
	5350.0 to 5376.8	0.340432	15	PASS
	5376.8 to 5480.0	0.295822	2.5	PASS
	5480.0 to 26000.0	0.211364	2.5	PASS
V_{max.}	30.0 to 1000.0	0.000962	0.25	PASS
	1000.0 to 5020.0	0.014388	2.5	PASS
	5020.0 to 5203.3	0.231756	2.5	PASS
	5203.3 to 5210.0	0.182402	2.907116	PASS
	5210.0 to 5249.0	8.570970	25	PASS
	5249.0 to 5250.0	20.607722	250	PASS
	5350.0 to 5376.8	0.373276	15	PASS
	5376.8 to 5480.0	0.227002	2.5	PASS
	5480.0 to 26000.0	0.197256	2.5	PASS
V_{min.}	30.0 to 1000.0	0.000940	0.25	PASS
	1000.0 to 5020.0	0.012388	2.5	PASS
	5020.0 to 5203.3	0.215294	2.5	PASS
	5203.3 to 5210.0	0.179072	3.472852	PASS
	5210.0 to 5249.0	7.834838	25	PASS
	5249.0 to 5250.0	17.907296	218.745944	PASS
	5350.0 to 5376.8	0.370706	15	PASS
	5376.8 to 5480.0	0.227526	2.5	PASS
	5480.0 to 26000.0	0.218792	2.5	PASS

W56 Band:
802.11ac (VHT80)
Chain 0

TEST CHANNEL		CH 106 (5530MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	770.837	0.000538	0.625	PASS
	1000.0 to 5340.0	5317.757	0.014191	6.25	PASS
	5340.0 to 5460.0	5452.470	2.851018	6.25	PASS
	5460.0 to 5469.5	5462.590	2.805434	25	PASS
	5469.5 to 5470.0	5469.605	1.976970	25.6	PASS
	5770.0 to 5800.0	5791.777	0.148252	6.25	PASS
	5800.0 to 26000.0	15776.275	0.027797	6.25	PASS
V_{max.}	30.0 to 1000.0	968.717	0.000500	0.625	PASS
	1000.0 to 5340.0	5318.842	0.017539	6.25	PASS
	5340.0 to 5460.0	5452.355	3.380648	6.25	PASS
	5460.0 to 5469.5	5466.730	2.779713	25	PASS
	5469.5 to 5470.0	5469.547	2.113489	25.6	PASS
	5770.0 to 5800.0	5778.897	0.152055	6.25	PASS
	5800.0 to 26000.0	15816.675	0.025177	6.25	PASS
V_{min.}	30.0 to 1000.0	250.068	0.000585	0.625	PASS
	1000.0 to 5340.0	5338.372	0.016827	6.25	PASS
	5340.0 to 5460.0	5452.355	2.937650	6.25	PASS
	5460.0 to 5469.5	5465.465	2.301442	25	PASS
	5469.5 to 5470.0	5469.892	2.177710	25.6	PASS
	5770.0 to 5800.0	5789.592	0.169434	6.25	PASS
	5800.0 to 26000.0	15811.625	0.026062	6.25	PASS

TEST CHANNEL		CH 122 (5610MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	993.573	0.000484	0.625	PASS
	1000.0 to 5340.0	5234.212	0.013459	6.25	PASS
	5340.0 to 5460.0	5445.512	0.149279	6.25	PASS
	5460.0 to 5469.5	5466.385	0.306902	25	PASS
	5469.5 to 5470.0	5469.835	0.171396	25.6	PASS
	5770.0 to 5800.0	5772.112	0.187499	6.25	PASS
	5800.0 to 26000.0	5865.650	0.028184	6.25	PASS
V_{max.}	30.0 to 1000.0	972.718	0.000635	0.625	PASS
	1000.0 to 5340.0	5315.045	0.011561	6.25	PASS
	5340.0 to 5460.0	5454.827	0.155955	6.25	PASS
	5460.0 to 5469.5	5467.822	0.185353	25	PASS
	5469.5 to 5470.0	5469.720	0.164059	25.6	PASS
	5770.0 to 5800.0	5777.000	0.204174	6.25	PASS
	5800.0 to 26000.0	15809.100	0.024044	6.25	PASS
V_{min.}	30.0 to 1000.0	941.436	0.000556	0.625	PASS
	1000.0 to 5340.0	5337.830	0.014125	6.25	PASS
	5340.0 to 5460.0	5446.777	0.144544	6.25	PASS
	5460.0 to 5469.5	5465.062	0.216770	25	PASS
	5469.5 to 5470.0	5470.000	0.154882	25.6	PASS
	5770.0 to 5800.0	5773.780	0.176604	6.25	PASS
	5800.0 to 26000.0	15776.275	0.024946	6.25	PASS

NOTE: 1. The spectrum plots are attached on the following pages.

Chain 1

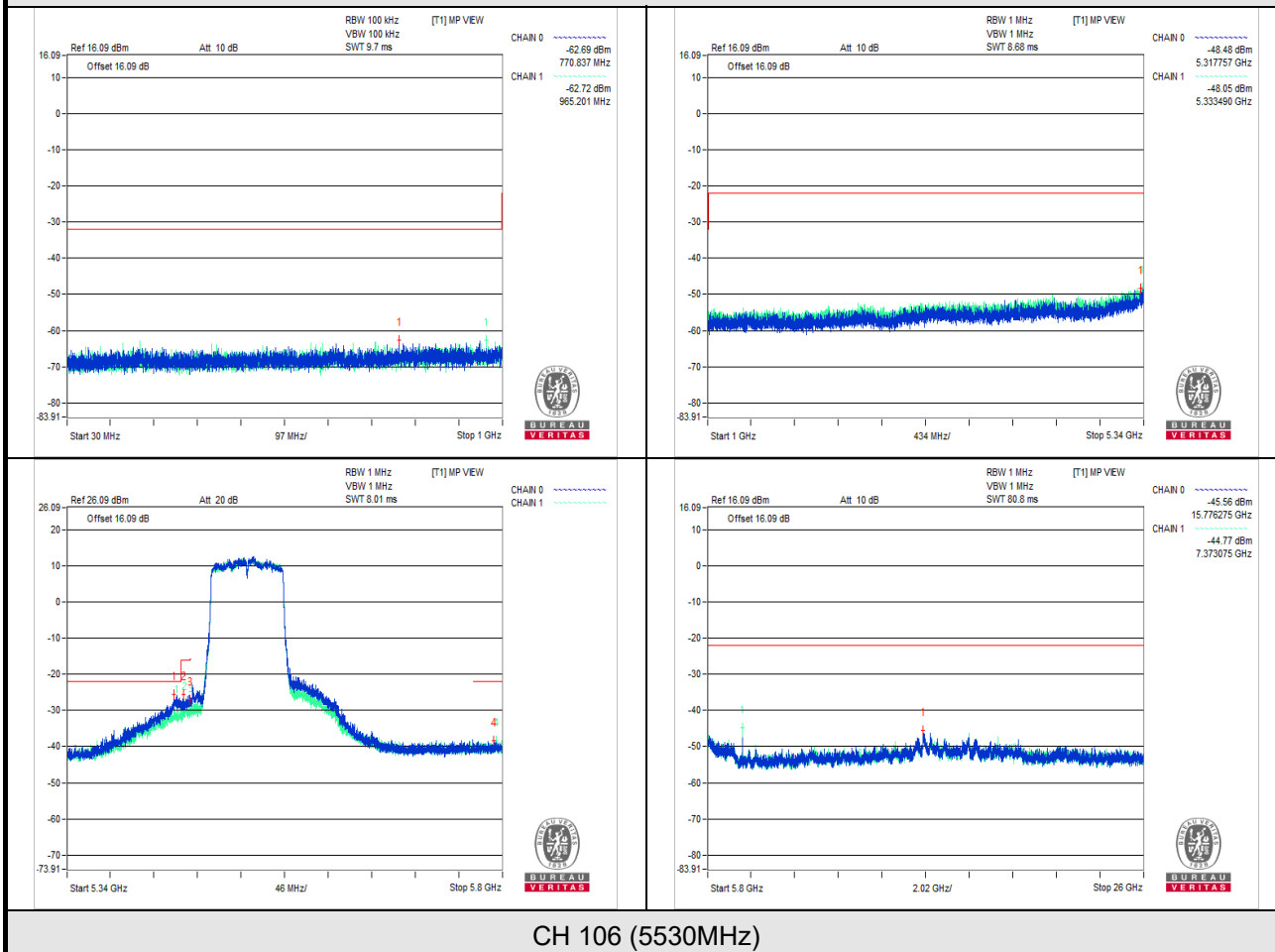
TEST CHANNEL		CH 106 (5530MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	965.201	0.000535	0.625	PASS
	1000.0 to 5340.0	5333.490	0.015668	6.25	PASS
	5340.0 to 5460.0	5455.460	1.205036	6.25	PASS
	5460.0 to 5469.5	5463.510	1.432188	25	PASS
	5469.5 to 5470.0	5469.950	1.273503	25.6	PASS
	5770.0 to 5800.0	5793.962	0.148252	6.25	PASS
	5800.0 to 26000.0	7373.075	0.033343	6.25	PASS
V_{max.}	30.0 to 1000.0	926.158	0.000504	0.625	PASS
	1000.0 to 5340.0	5263.507	0.012359	6.25	PASS
	5340.0 to 5460.0	5452.125	1.422329	6.25	PASS
	5460.0 to 5469.5	5464.890	1.531087	25	PASS
	5469.5 to 5470.0	5469.950	1.367729	25.6	PASS
	5770.0 to 5800.0	5791.662	0.162181	6.25	PASS
	5800.0 to 26000.0	7373.075	0.035237	6.25	PASS
V_{min.}	30.0 to 1000.0	925.916	0.000482	0.625	PASS
	1000.0 to 5340.0	5285.750	0.012503	6.25	PASS
	5340.0 to 5460.0	5451.895	1.218990	6.25	PASS
	5460.0 to 5469.5	5466.615	1.538155	25	PASS
	5469.5 to 5470.0	5470.000	1.610646	25.6	PASS
	5770.0 to 5800.0	5779.530	0.160325	6.25	PASS
	5800.0 to 26000.0	15804.050	0.031696	6.25	PASS

TEST CHANNEL		CH 122 (5610MHz)			
TEST CONDITION	FREQUENCY RANGE(MHz)	FREQUENCY (MHz)	MEASURE. VALUE(uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	816.427	0.000564	0.625	PASS
	1000.0 to 5340.0	5266.762	0.017338	6.25	PASS
	5340.0 to 5460.0	5458.565	0.184077	6.25	PASS
	5460.0 to 5469.5	5467.420	0.244906	25	PASS
	5469.5 to 5470.0	5470.000	0.198609	25.6	PASS
	5770.0 to 5800.0	5791.605	0.199526	6.25	PASS
	5800.0 to 26000.0	5807.575	0.023014	6.25	PASS
V_{max.}	30.0 to 1000.0	858.501	0.000451	0.625	PASS
	1000.0 to 5340.0	5197.322	0.013183	6.25	PASS
	5340.0 to 5460.0	5452.527	0.166725	6.25	PASS
	5460.0 to 5469.5	5466.787	0.276058	25	PASS
	5469.5 to 5470.0	5470.000	0.183231	25.6	PASS
	5770.0 to 5800.0	5794.595	0.177828	6.25	PASS
	5800.0 to 26000.0	15776.275	0.029376	6.25	PASS
V_{min.}	30.0 to 1000.0	963.382	0.000593	0.625	PASS
	1000.0 to 5340.0	5339.457	0.011995	6.25	PASS
	5340.0 to 5460.0	5453.160	0.157761	6.25	PASS
	5460.0 to 5469.5	5467.650	0.226986	25	PASS
	5469.5 to 5470.0	5469.547	0.207014	25.6	PASS
	5770.0 to 5800.0	5794.710	0.206538	6.25	PASS
	5800.0 to 26000.0	5842.925	0.021086	6.25	PASS

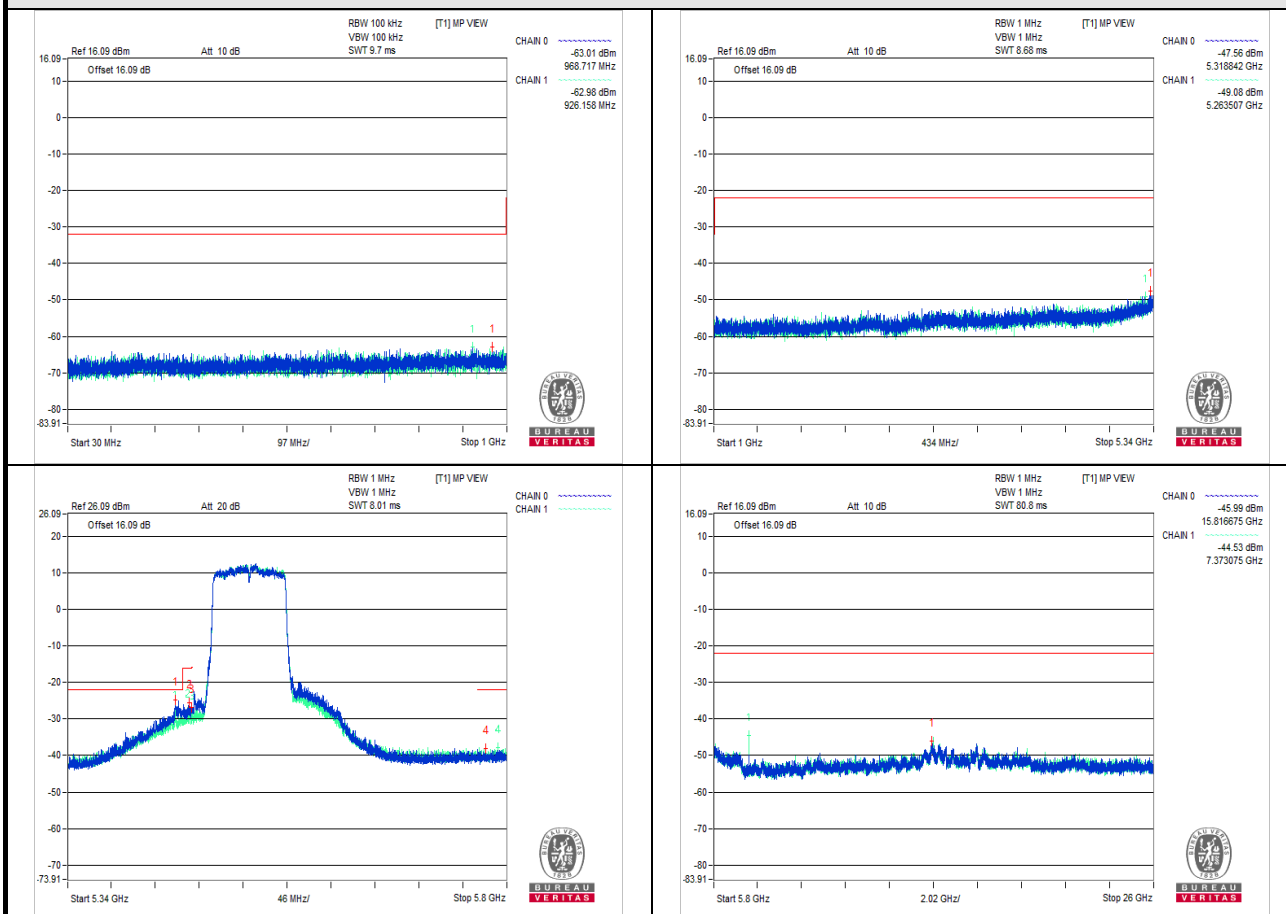
NOTE: 1. The spectrum plots are attached on the following pages.

Graph

V_{normal}

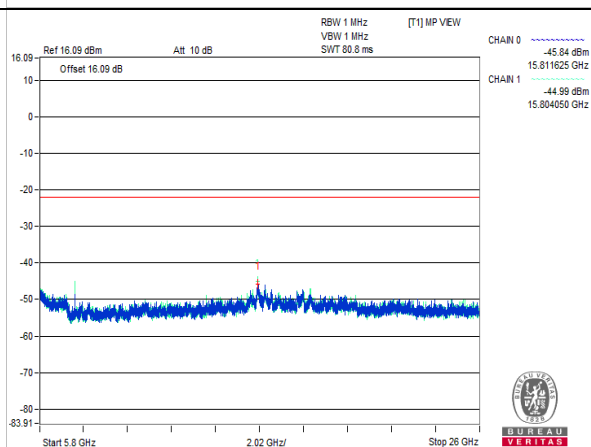
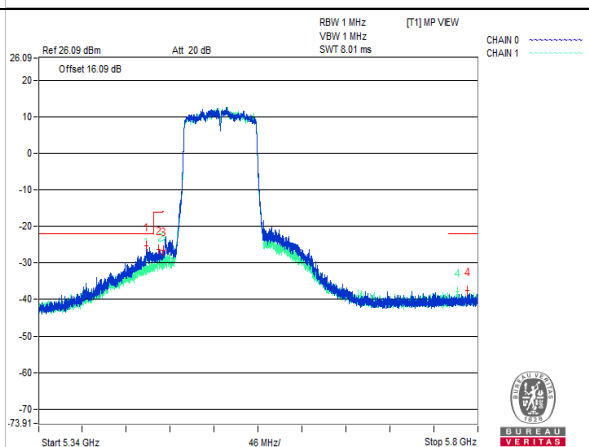
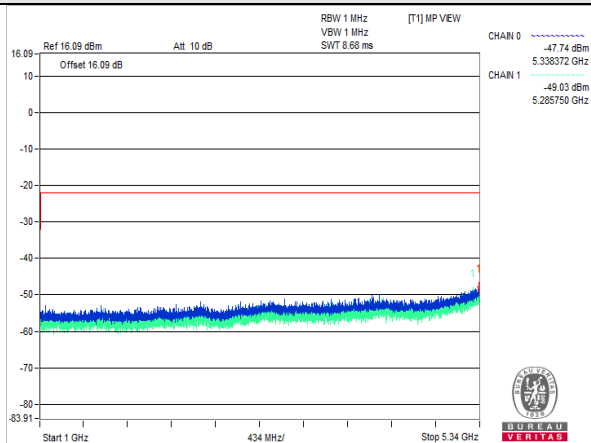
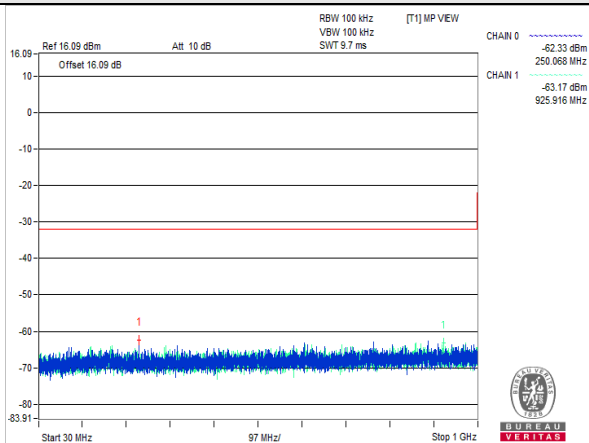


V_{max}.



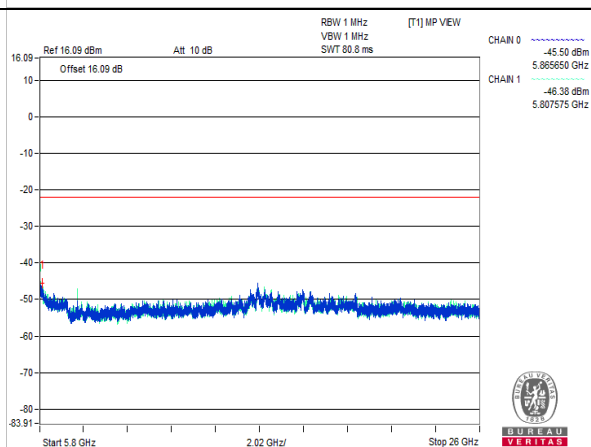
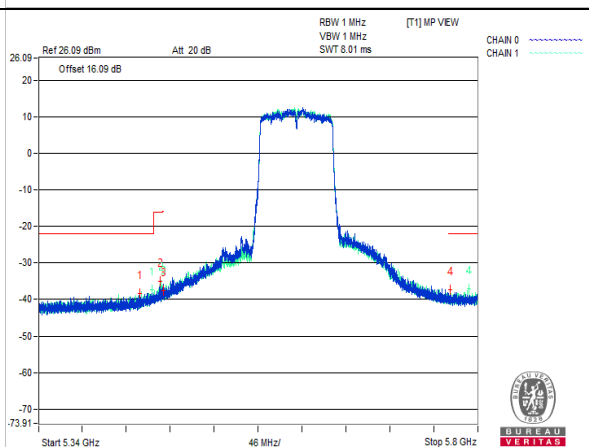
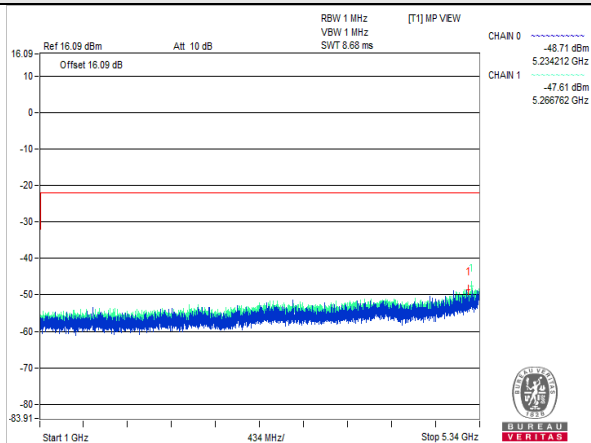
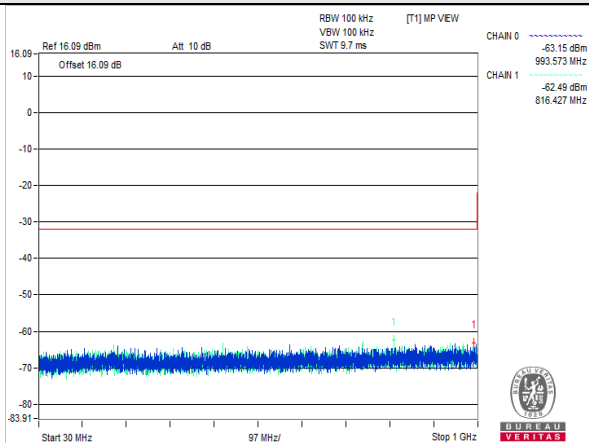
CH 106 (5530MHz)

V min.



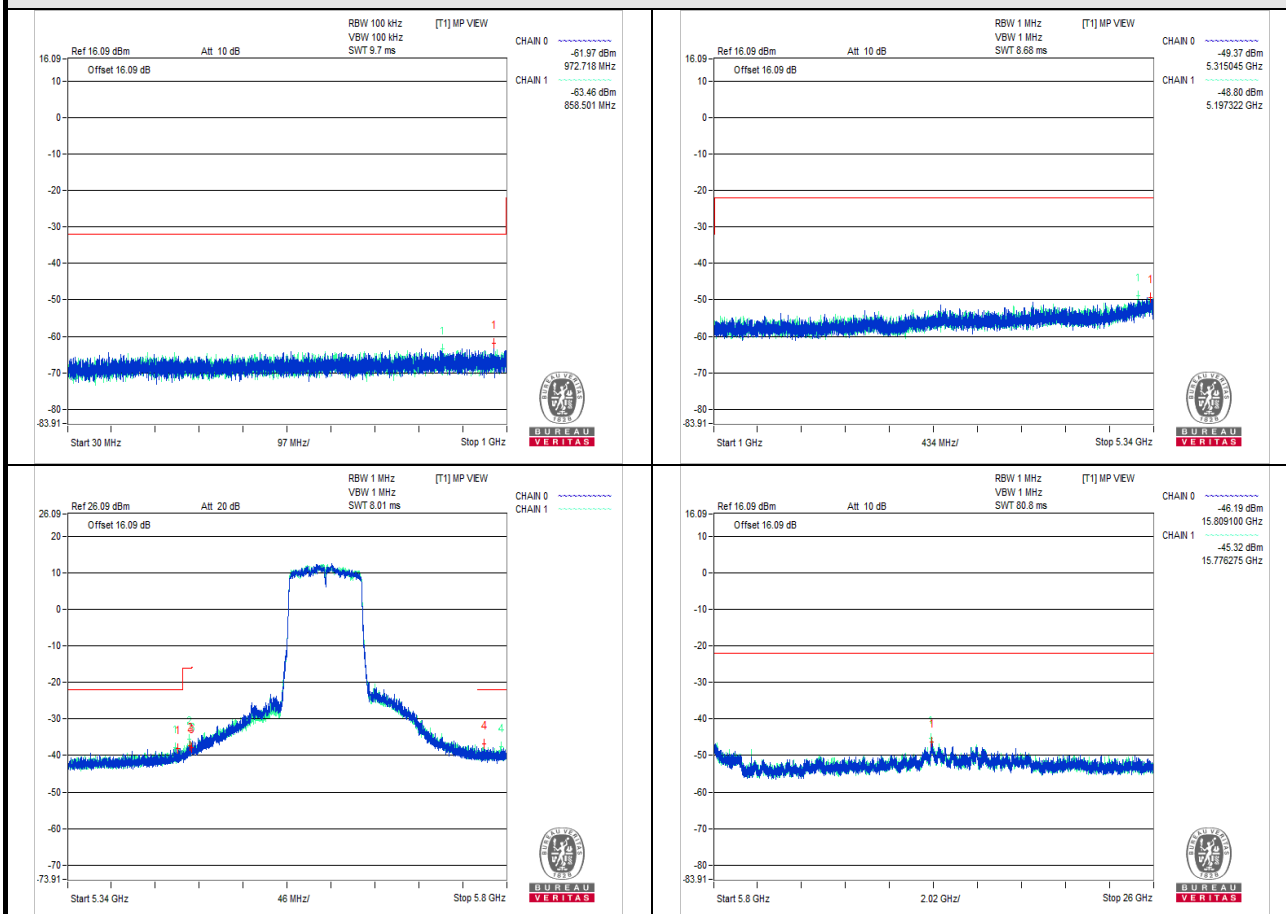
CH 106 (5530MHz)

Vnormal



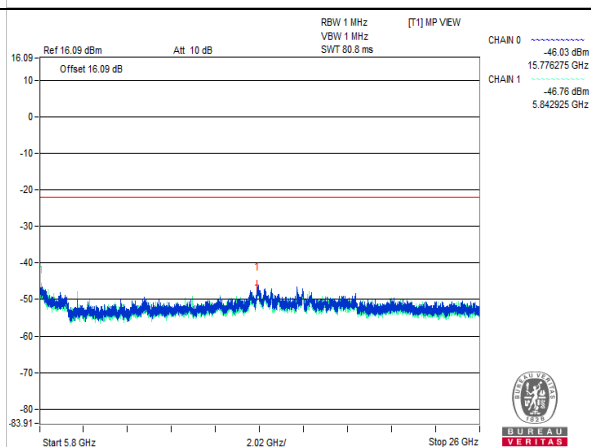
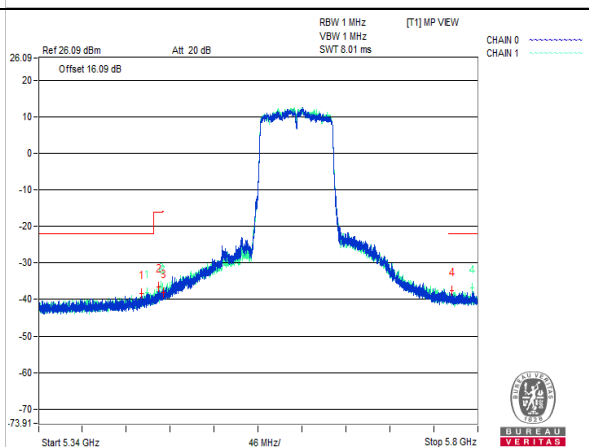
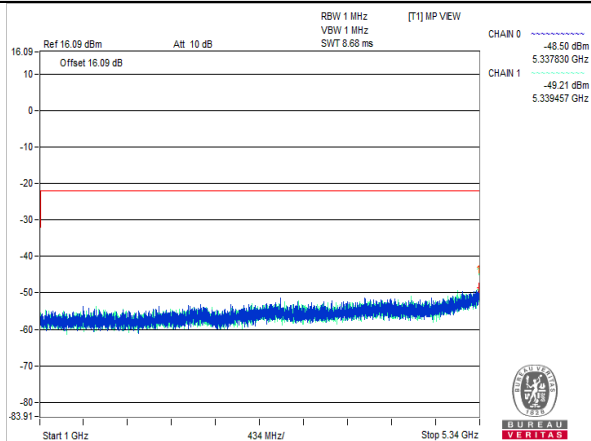
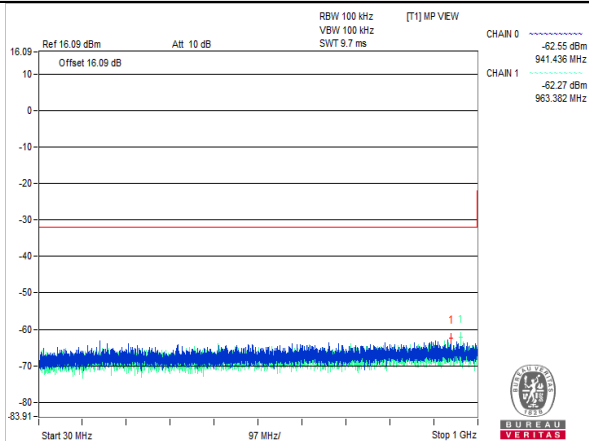
CH 122 (5610MHz)

V_{max}.



CH 122 (5610MHz)

V min.



CH 122 (5610MHz)

[Worst result] x [Number of antenna ports]

TEST CHANNEL		CH 106 (5530MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001076	1.25	PASS
	1000.0 to 5340.0	0.031336	12.5	PASS
	5340.0 to 5460.0	5.702036	12.5	PASS
	5460.0 to 5469.5	5.610868	50	PASS
	5469.5 to 5470.0	3.953940	51.2	PASS
	5770.0 to 5800.0	0.296504	12.5	PASS
	5800.0 to 26000.0	0.066686	12.5	PASS
V_{max.}	30.0 to 1000.0	0.001008	1.25	PASS
	1000.0 to 5340.0	0.035078	12.5	PASS
	5340.0 to 5460.0	6.761296	12.5	PASS
	5460.0 to 5469.5	5.559426	50	PASS
	5469.5 to 5470.0	4.226978	51.2	PASS
	5770.0 to 5800.0	0.324362	12.5	PASS
	5800.0 to 26000.0	0.070474	12.5	PASS
V_{min.}	30.0 to 1000.0	0.001170	1.25	PASS
	1000.0 to 5340.0	0.033654	12.5	PASS
	5340.0 to 5460.0	5.875300	12.5	PASS
	5460.0 to 5469.5	4.602884	50	PASS
	5469.5 to 5470.0	4.355420	51.2	PASS
	5770.0 to 5800.0	0.338868	12.5	PASS
	5800.0 to 26000.0	0.063392	12.5	PASS

TEST CHANNEL		CH 122 (5610MHz)		
TEST CONDITION	FREQUENCY RANGE(MHz)	MEASURE. VALUE (uW)	LIMIT (uW)	RESULT
V_{normal}	30.0 to 1000.0	0.001128	1.25	PASS
	1000.0 to 5340.0	0.034676	12.5	PASS
	5340.0 to 5460.0	0.368154	12.5	PASS
	5460.0 to 5469.5	0.613804	50	PASS
	5469.5 to 5470.0	0.397218	51.2	PASS
	5770.0 to 5800.0	0.399052	12.5	PASS
	5800.0 to 26000.0	0.056368	12.5	PASS
V_{max.}	30.0 to 1000.0	0.001270	1.25	PASS
	1000.0 to 5340.0	0.026366	12.5	PASS
	5340.0 to 5460.0	0.333450	12.5	PASS
	5460.0 to 5469.5	0.552116	50	PASS
	5469.5 to 5470.0	0.366462	51.2	PASS
	5770.0 to 5800.0	0.408348	12.5	PASS
	5800.0 to 26000.0	0.058752	12.5	PASS
V_{min.}	30.0 to 1000.0	0.001186	1.25	PASS
	1000.0 to 5340.0	0.028250	12.5	PASS
	5340.0 to 5460.0	0.315522	12.5	PASS
	5460.0 to 5469.5	0.453972	50	PASS
	5469.5 to 5470.0	0.414028	51.2	PASS
	5770.0 to 5800.0	0.413076	12.5	PASS
	5800.0 to 26000.0	0.049892	12.5	PASS

4.4 Adjacent Channel Leakage Power

4.4.1 Limits of Adjacent Channel Leakage Power

For 20MHz System (OBW < 20MHz)

Frequencies (MHz)	Limit
Mean Power 20MHz Distance of Carrier $\pm 10\text{MHz BW}$	$\geq 25\text{dBc}$
Mean Power 40MHz Distance of Carrier $\pm 10\text{MHz BW}$	$\geq 40\text{dBc}$

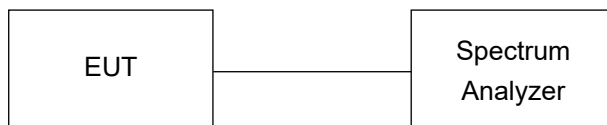
For 40MHz System:

Frequencies (MHz)	Limit
Mean Power 40MHz Distance of Carrier $\pm 20\text{MHz BW}$	$\geq 25\text{dBc}$
Mean Power 80MHz Distance of Carrier $\pm 20\text{MHz BW}$	$\geq 40\text{dBc}$

For 80MHz System:

Frequencies (MHz)	Limit
Mean Power 80MHz Distance of Carrier $\pm 40\text{MHz BW}$	$\geq 25\text{dBc}$

4.4.2 Test Setup



4.4.3 Test Results

W52 & W53 Bands:

802.11a

Chain 0

TEST CHANNEL		CH 36 (5180MHz)	CH 48 (5240MHz)	MIN. LIMIT (dBc)	RESULT
TEST CONDITION					
V_{normal}	Mean Power of Carrier (dBm)	12.20	5.16	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.92	33.01	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.83	33.97	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	51.93	46.10	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	52.41	46.06	40	PASS
V_{max.}	Mean Power of Carrier (dBm)	11.97	5.21	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.50	33.04	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.29	34.08	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	51.75	46.15	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	52.15	46.12	40	PASS
V_{min.}	Mean Power of Carrier (dBm)	11.95	5.27	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.46	33.18	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.71	34.33	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	51.70	46.20	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	52.15	46.20	40	PASS
TEST CHANNEL		CH 52 (5260MHz)	CH 64 (5320MHz)	MIN. LIMIT (dBc)	RESULT
TEST CONDITION					
V_{normal}	Mean Power of Carrier (dBm)	5.11	12.69	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.00	33.72	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.10	34.59	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	45.79	52.52	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	45.88	52.78	40	PASS
V_{max.}	Mean Power of Carrier (dBm)	5.05	12.69	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.04	33.42	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	33.77	34.62	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	45.77	52.56	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	45.80	52.82	40	PASS
V_{min.}	Mean Power of Carrier (dBm)	5.26	12.74	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.25	33.82	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.21	34.67	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	45.97	52.63	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	45.97	52.89	40	PASS

Note: 1. The spectrum plots are attached on the following pages.

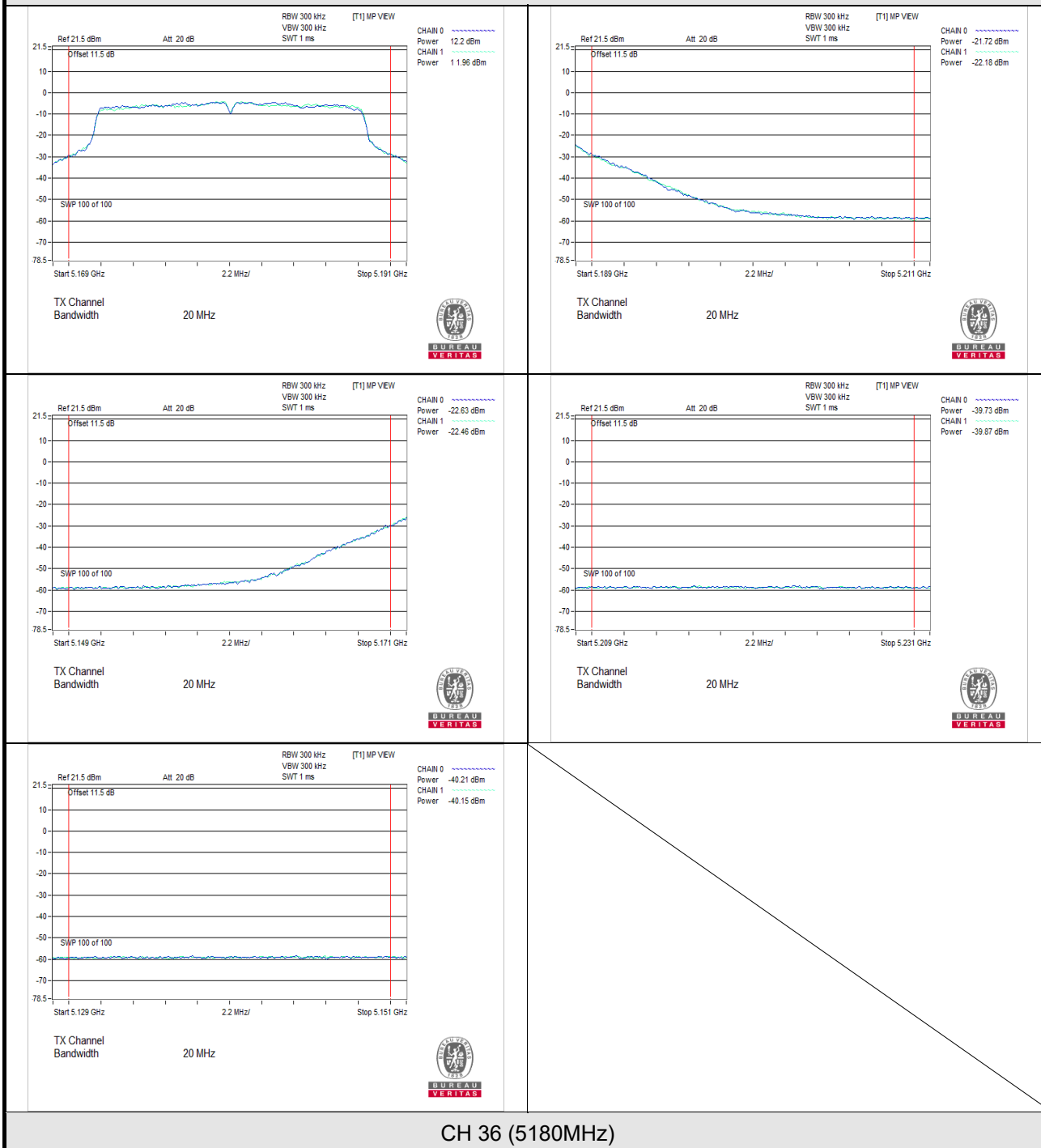
Chain 1

TEST CHANNEL TEST CONDITION		CH 36 (5180MHz)	CH 48 (5240MHz)	MIN. LIMIT (dBc)	RESULT
V_{normal}	Mean Power of Carrier (dBm)	11.96	4.85	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	34.14	33.30	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.42	33.75	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	51.83	45.52	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	52.11	45.51	40	PASS
V_{max.}	Mean Power of Carrier (dBm)	11.91	4.66	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	34.28	33.17	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.61	33.98	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	51.81	45.33	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	52.10	45.34	40	PASS
V_{min.}	Mean Power of Carrier (dBm)	11.85	4.90	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.74	33.39	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.48	33.94	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	51.78	45.57	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	52.08	45.54	40	PASS
TEST CHANNEL TEST CONDITION		CH 52 (5260MHz)	CH 64 (5320MHz)	MIN. LIMIT (dBc)	RESULT
V_{normal}	Mean Power of Carrier (dBm)	4.84	12.74	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.35	34.22	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	33.90	34.58	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	45.53	51.84	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	45.53	52.29	40	PASS
V_{max.}	Mean Power of Carrier (dBm)	4.86	12.62	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.29	33.63	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	33.92	34.50	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	45.53	51.76	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	45.53	52.14	40	PASS
V_{min.}	Mean Power of Carrier (dBm)	4.96	12.72	-	-
	Mean Power +20MHz Distance of Carrier (dBc)	33.24	33.88	25	PASS
	Mean Power -20MHz Distance of Carrier (dBc)	34.17	34.65	25	PASS
	Mean Power +40MHz Distance of Carrier (dBc)	45.64	51.91	40	PASS
	Mean Power -40MHz Distance of Carrier (dBc)	45.66	52.26	40	PASS

Note: 1. The spectrum plots are attached on the following pages.

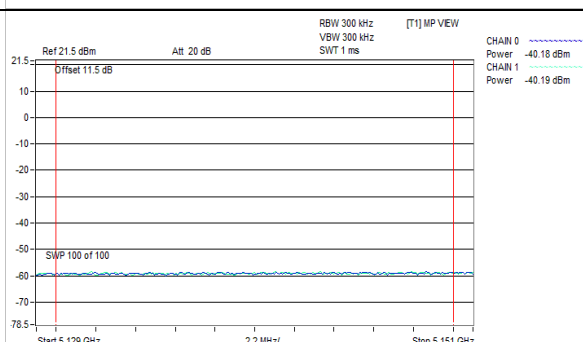
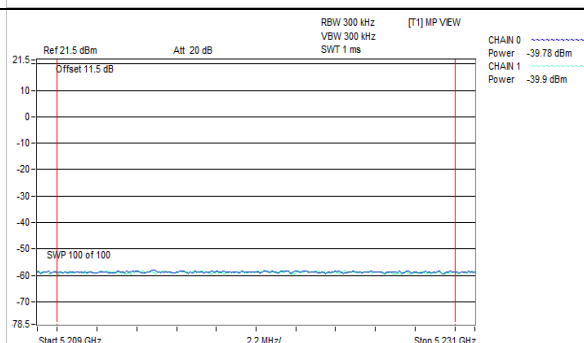
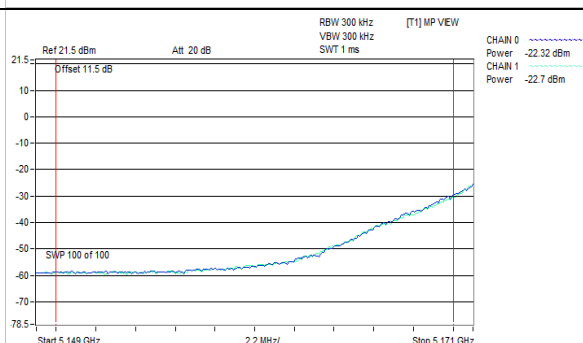
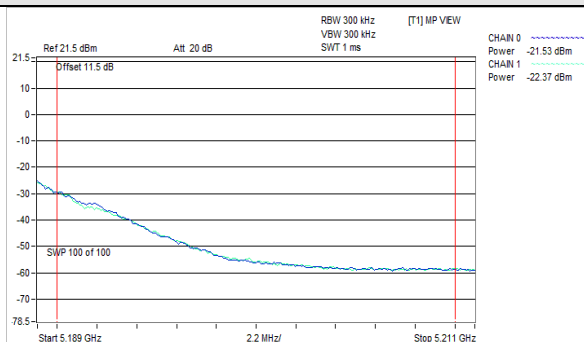
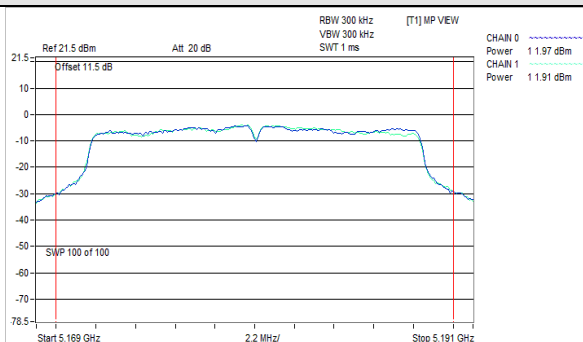
Graph

Vnormal



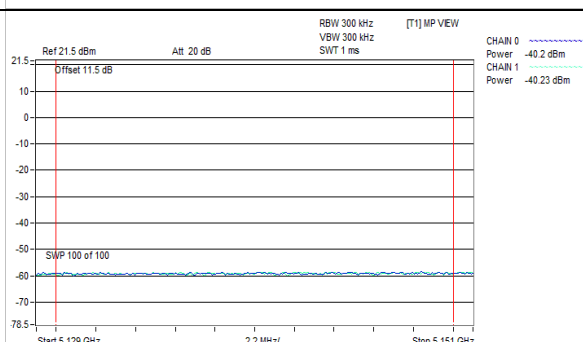
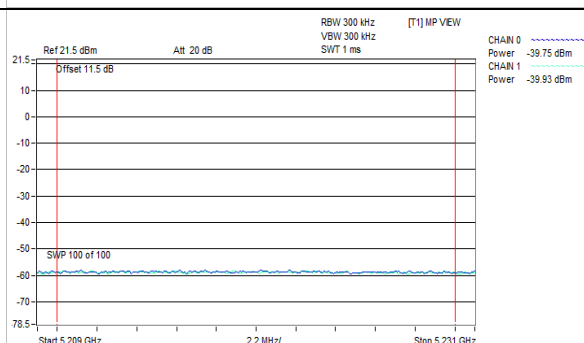
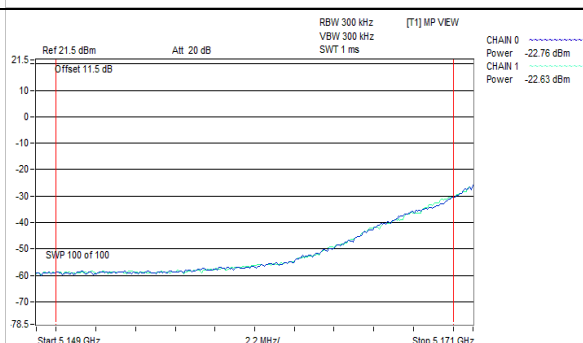
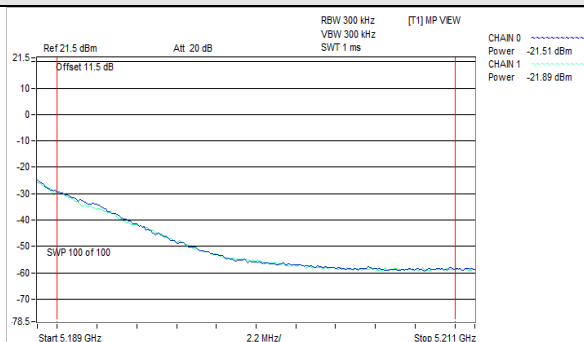
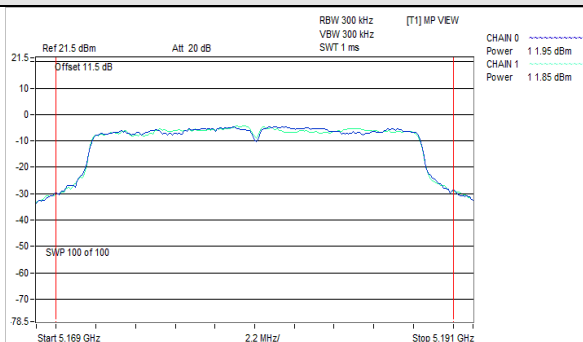
CH 36 (5180MHz)

V_{max}.



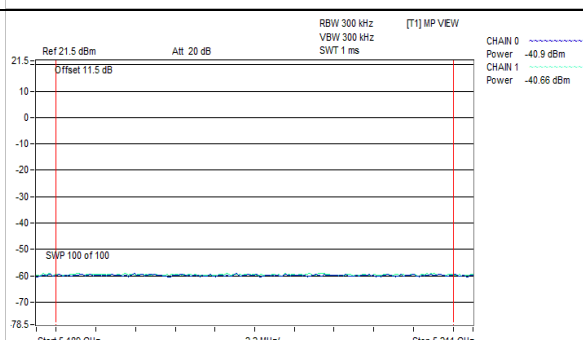
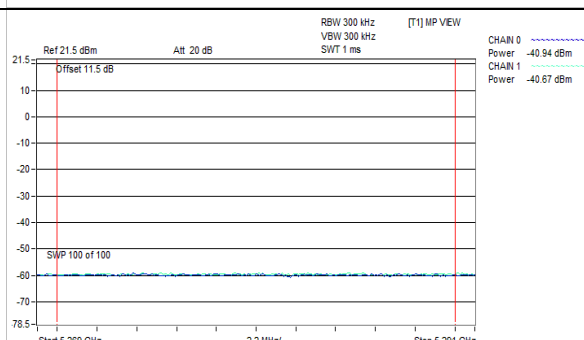
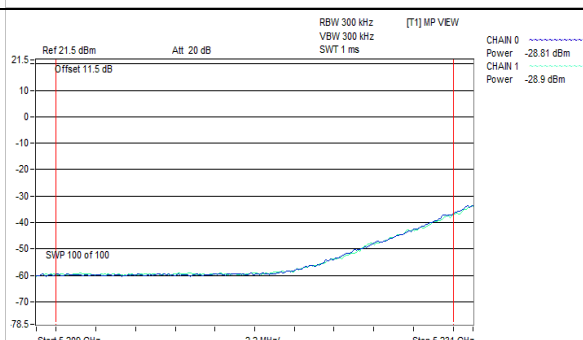
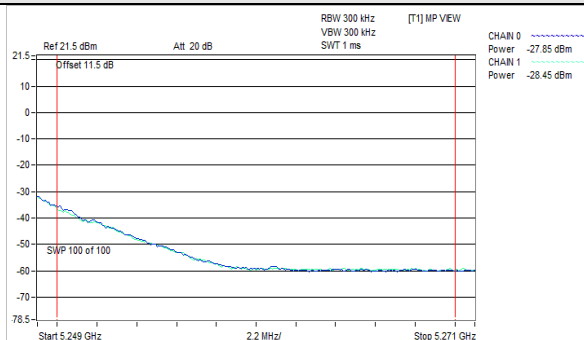
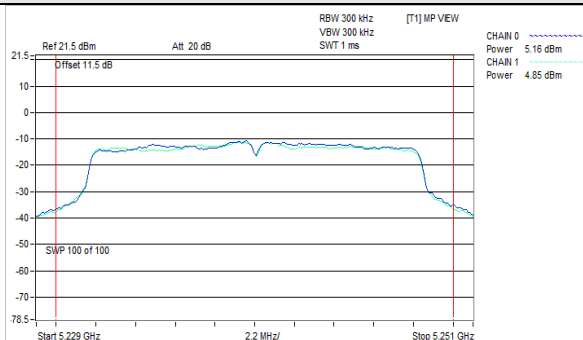
CH 36 (5180MHz)

V_{min}.



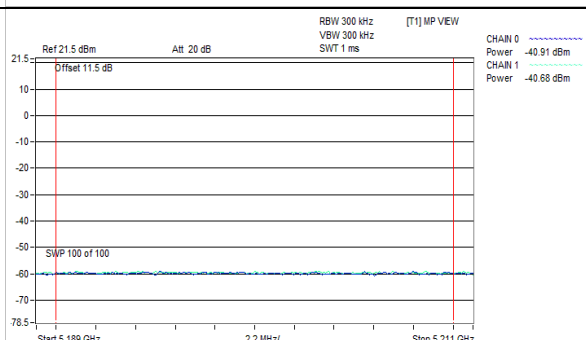
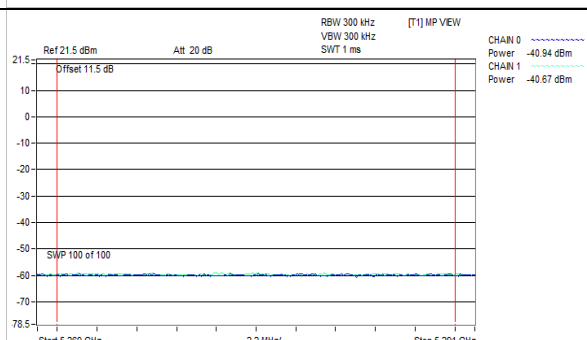
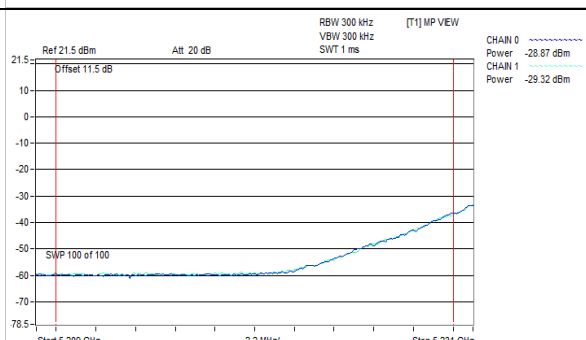
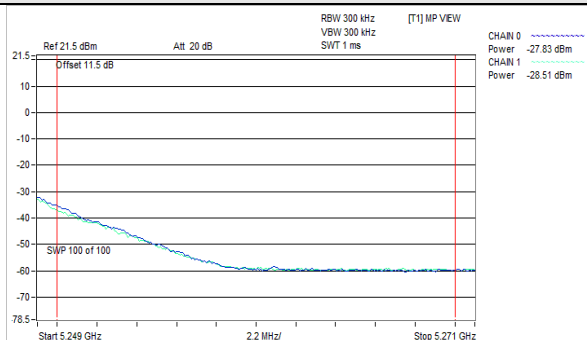
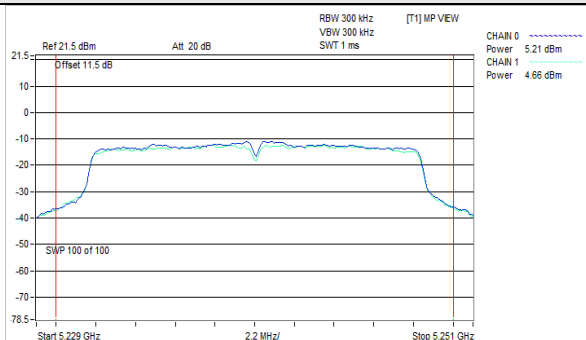
CH 36 (5180MHz)

Vnormal



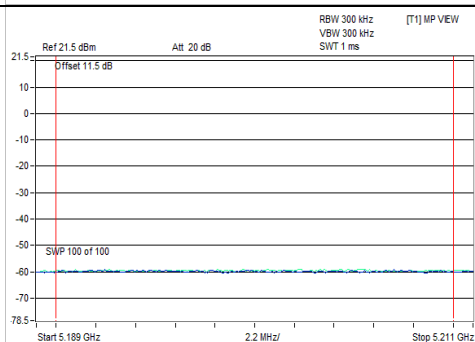
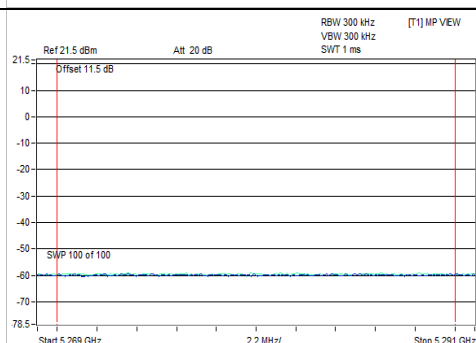
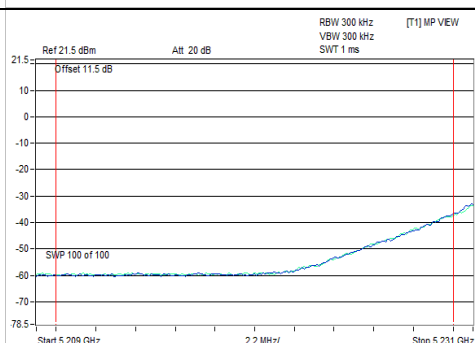
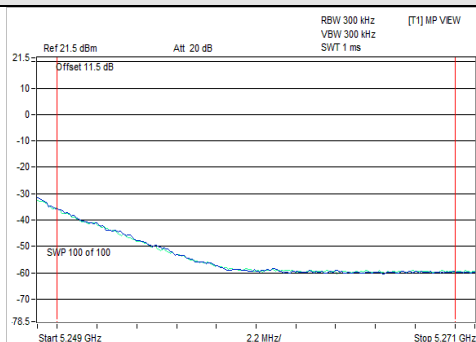
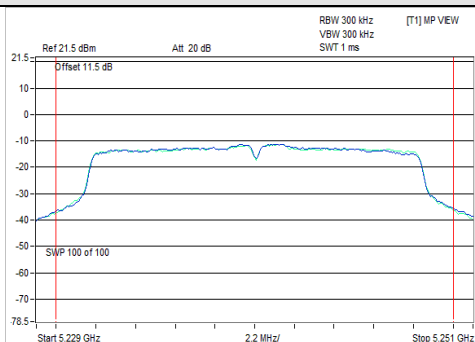
CH 48 (5240MHz)

V_{max}.



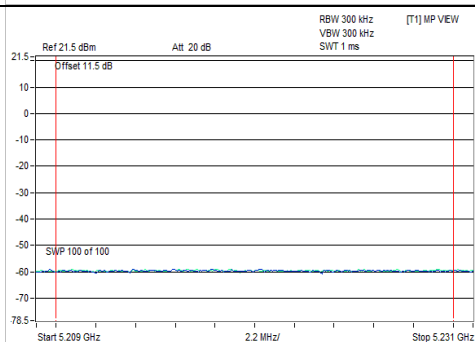
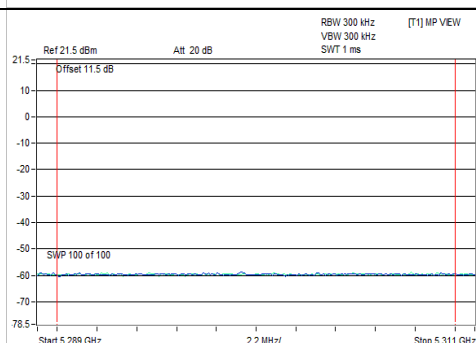
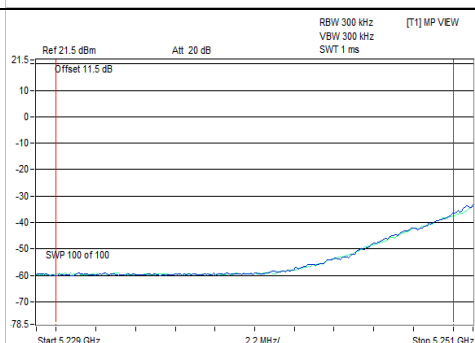
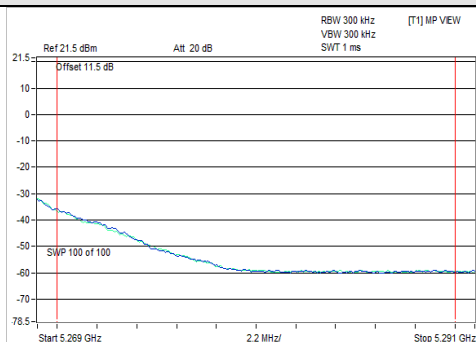
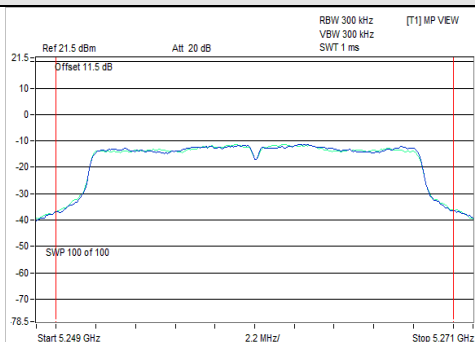
CH 48 (5240MHz)

V_{min}.



CH 48 (5240MHz)

Vnormal



CH 52 (5260MHz)